

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031919\
 Data File : BM019260.D
 Acq On : 20 Mar 2019 09:07
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 20 11:06:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	257236	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	1234856	20.00	ng	-0.03
39) Acenaphthene-d10	14.30	164	768185	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1701525	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	1589936	20.00	ng	-0.02
87) Perylene-d12	23.49	264	1354923	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1176046	74.04	ng	-0.02
7) Phenol-d6	6.82	99	1832946	78.89	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1971870	75.48	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	911145	80.33	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4390915	74.35	ng	-0.02
79) Terphenyl-d14	19.69	244	6955433	86.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	233650	33.067	ng	99
3) Pyridine	3.60	79	755664	39.309	ng	100
4) n-Nitrosodimethylamine	3.52	42	211879	35.453	ng	96
6) Aniline	6.99	93	1163777	38.798	ng	99
8) 2-Chlorophenol	7.20	128	741234	38.833	ng	98
9) Benzaldehyde	6.80	77	535001	36.609	ng	100
10) Phenol	6.85	94	1001945	40.015	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	731308	38.276	ng	99
12) 1,3-Dichlorobenzene	7.52	146	755274	37.390	ng	100
13) 1,4-Dichlorobenzene	7.67	146	770437	37.411	ng	99
14) 1,2-Dichlorobenzene	7.99	146	754008	37.632	ng	99
15) Benzyl Alcohol	7.89	79	764345	39.750	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.17	45	727844	37.308	ng	98
17) 2-Methylphenol	8.09	107	649732	39.820	ng	99
18) Hexachloroethane	8.69	117	286440	37.432	ng	97
19) n-Nitroso-di-n-propylamine	8.45	70	750615	39.380	ng	99
20) 3+4-Methylphenols	8.42	107	906466	40.928	ng	99
22) Acetophenone	8.47	105	1298435	38.048	ng	# 100
24) Nitrobenzene	8.85	77	1018681	37.495	ng	99
25) Isophorone	9.37	82	1911848	38.354	ng	99
26) 2-Nitrophenol	9.55	139	453886	40.304	ng	99
27) 2,4-Dimethylphenol	9.61	122	652801	38.991	ng	98
28) bis(2-Chloroethoxy)methane	9.85	93	1120661	37.968	ng	100
29) 2,4-Dichlorophenol	10.08	162	759691	40.971	ng	98
30) 1,2,4-Trichlorobenzene	10.29	180	793263	37.940	ng	99
31) Naphthalene	10.47	128	2433020	37.382	ng	99
32) Benzoic acid	9.80	122	475885	33.562	ng	98
33) 4-Chloroaniline	10.60	127	1062229	39.813	ng	99
34) Hexachlorobutadiene	10.73	225	450837	37.575	ng	100
35) Caprolactam	11.44	113	244150	36.963	ng	99
36) 4-Chloro-3-methylphenol	11.73	107	917740	40.113	ng	100
37) 2-Methylnaphthalene	12.09	142	1813451	38.342	ng	99
38) 1-Methylnaphthalene	12.32	142	1780625	38.196	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	905515	37.265	ng	99

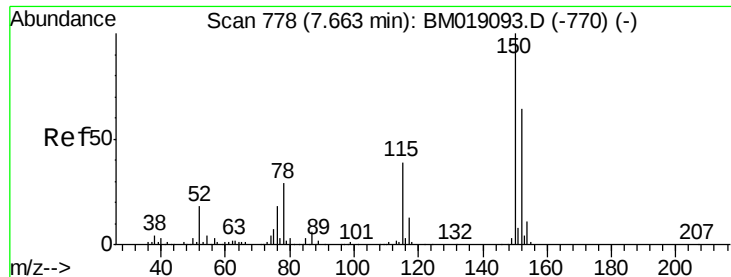
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031919\
 Data File : BM019260.D
 Acq On : 20 Mar 2019 09:07
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 20 11:06:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	323884	29.426	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	619473	39.448	ng	99
44) 2,4,5-Trichlorophenol	12.79	196	667790	39.768	ng	98
46) 1,1'-Biphenyl	13.12	154	2476444	36.914	ng	99
47) 2-Chloronaphthalene	13.16	162	1861588	37.176	ng	100
48) 2-Nitroaniline	13.39	65	652742	38.868	ng	98
49) Acenaphthylene	14.02	152	3187094	37.641	ng	100
50) Dimethylphthalate	13.77	163	2414076	36.736	ng	99
51) 2,6-Dinitrotoluene	13.90	165	546474	38.469	ng	94
52) Acenaphthene	14.36	154	1788942	36.770	ng	99
53) 3-Nitroaniline	14.23	138	561749	37.337	ng	96
54) 2,4-Dinitrophenol	14.45	184	250802	30.401	ng	97
55) Dibenzofuran	14.70	168	2918576	37.198	ng	99
56) 4-Nitrophenol	14.55	139	450924	36.708	ng	97
57) 2,4-Dinitrotoluene	14.69	165	784740	38.056	ng	98
58) Fluorene	15.35	166	2452526	37.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	597415	38.215	ng	99
60) Diethylphthalate	15.13	149	2477957	37.232	ng	98
61) 4-Chlorophenyl-phenylether	15.35	204	1194055	38.014	ng	98
62) 4-Nitroaniline	15.41	138	564279	37.215	ng	96
63) Azobenzene	15.64	77	2641809	37.722	ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	377322	33.840	ng	100
66) n-Nitrosodiphenylamine	15.57	169	2055281	37.941	ng	100
67) 4-Bromophenyl-phenylether	16.24	248	723377	38.552	ng	95
68) Hexachlorobenzene	16.34	284	862297	38.655	ng	100
69) Atrazine	16.53	200	681837	37.391	ng	100
70) Pentachlorophenol	16.70	266	499589	37.171	ng	99
71) Phenanthrene	17.10	178	3698844	37.088	ng	100
72) Anthracene	17.19	178	3732076	38.225	ng	99
73) Carbazole	17.47	167	3437401	37.302	ng	99
74) Di-n-butylphthalate	18.02	149	4376885	39.278	ng	99
75) Fluoranthene	19.12	202	4149775	36.262	ng	99
77) Benzidine	19.32	184	1568089	34.776	ng	99
78) Pyrene	19.49	202	4253663	42.284	ng	100
80) Butylbenzylphthalate	20.39	149	1966693	44.886	ng	96
81) Benzo(a)anthracene	21.24	228	3752131	37.617	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	1482496	38.581	ng	99
83) Chrysene	21.29	228	3583625	37.136	ng	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	2908205	45.623	ng	# 98
85) Di-n-octyl phthalate	22.04	149	4521616	42.125	ng	100
86) Indeno(1,2,3-cd)pyrene	25.74	276	3472756	33.431	ng	100
88) Benzo(b)fluoranthene	22.82	252	3295360	37.534	ng	100
89) Benzo(k)fluoranthene	22.86	252	3166153	39.208	ng	100
90) Benzo(a)pyrene	23.39	252	2960265	37.520	ng	99
91) Dibenzo(a,h)anthracene	25.75	278	2915815	38.633	ng	99
92) Benzo(g,h,i)perylene	26.43	276	2709267	39.099	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

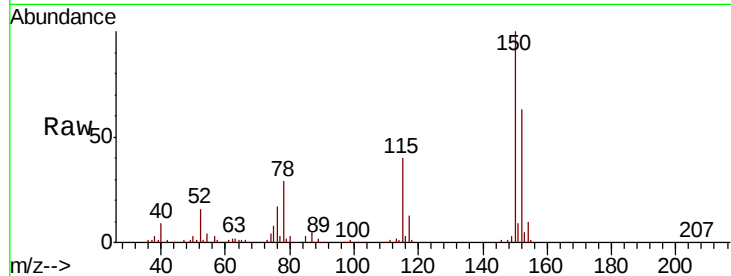


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.3	187.9
115	62.3	49.4	74.0

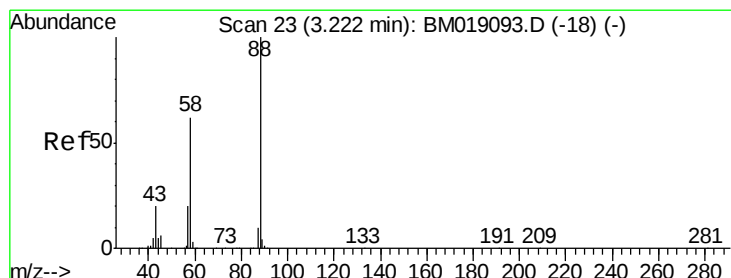
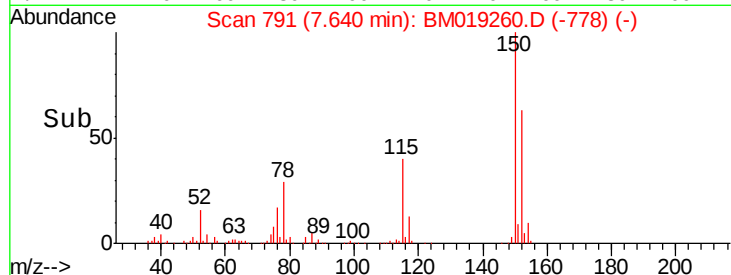
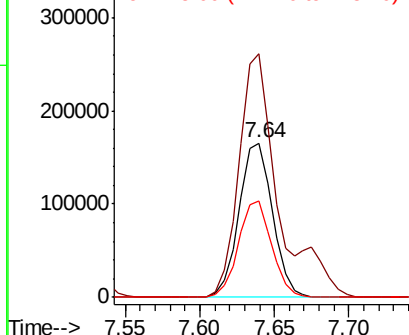


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

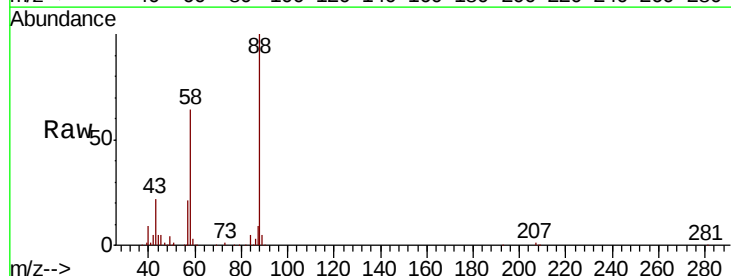
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.067 ng
RT: 3.20 min Scan# 36
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.2	50.0	75.0
43	21.9	17.0	25.4

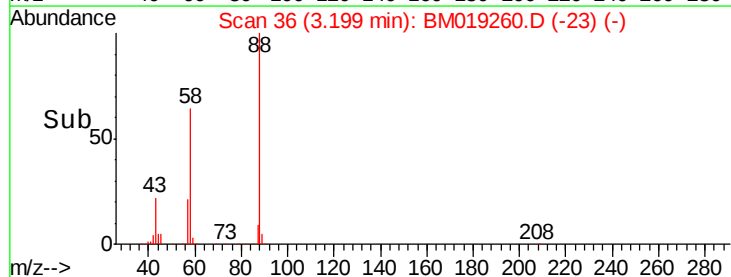
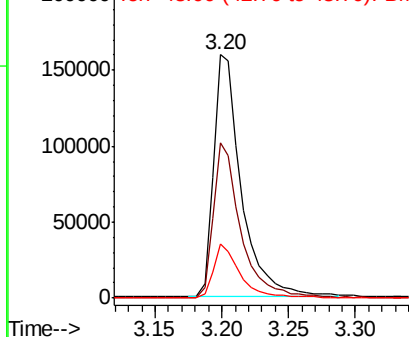


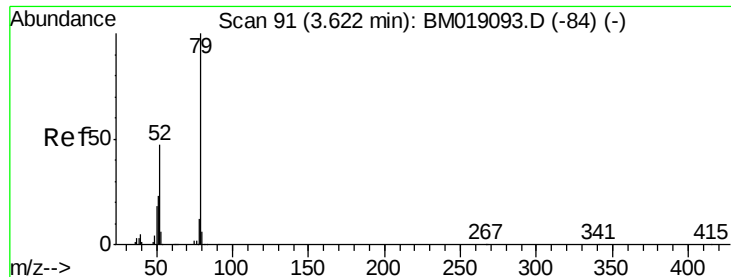
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.309 ng

RT: 3.60 min Scan# 104

Delta R.T. -0.02 min

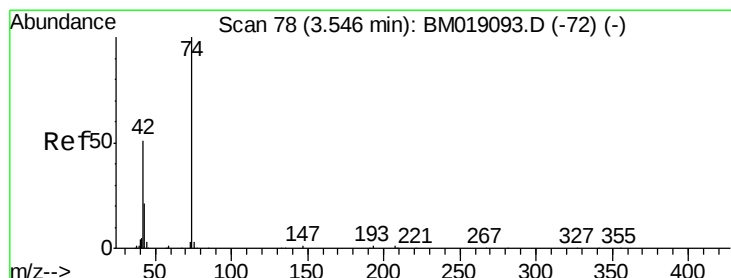
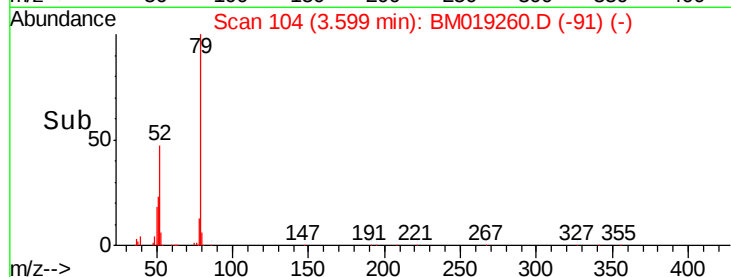
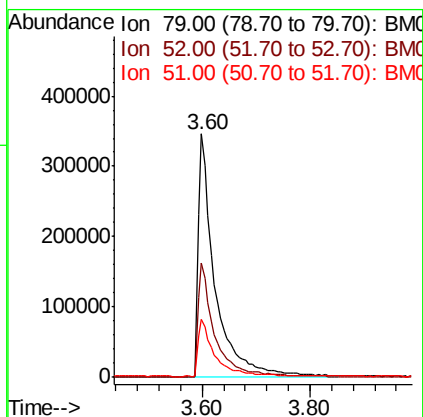
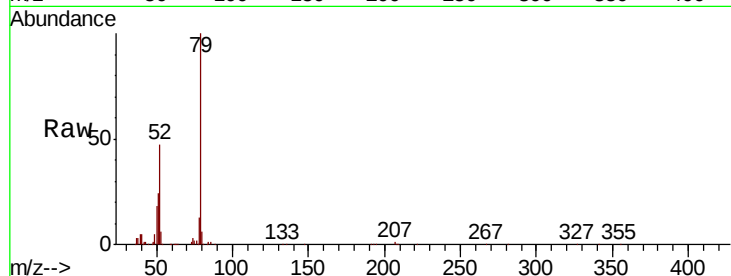
Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 79 Resp: 755664

Ion	Ratio	Lower	Upper
79	100		
52	46.8	37.5	56.3
51	23.8	19.2	28.8



#4

n-Nitrosodimethylamine

Concen: 35.453 ng

RT: 3.52 min Scan# 91

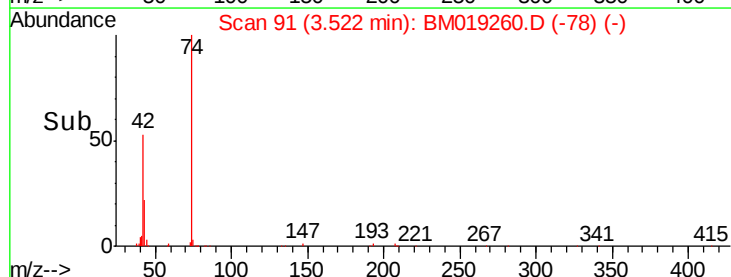
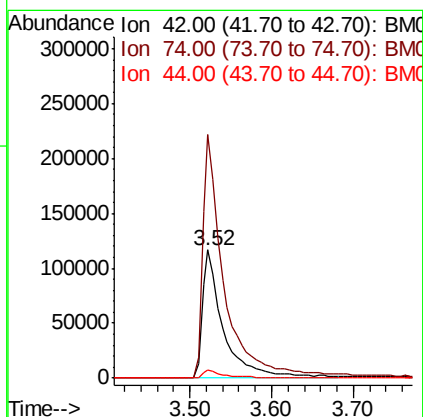
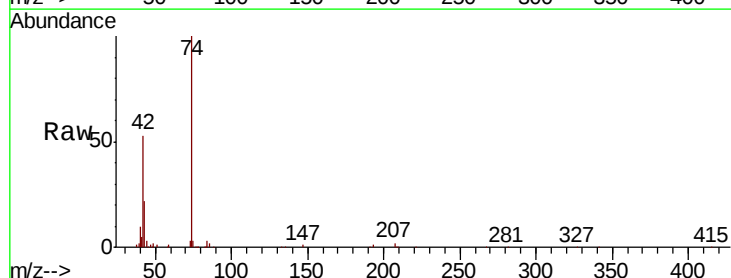
Delta R.T. -0.02 min

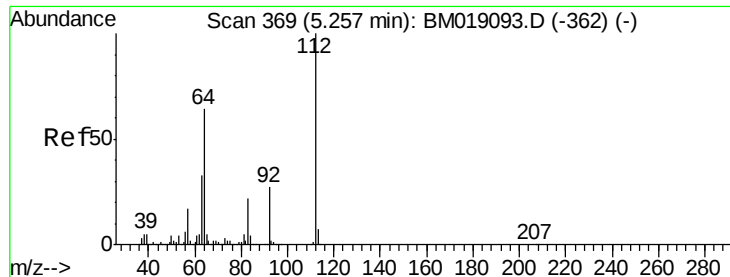
Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Tgt Ion: 42 Resp: 211879

Ion	Ratio	Lower	Upper
42	100		
74	189.7	156.3	234.5
44	5.8	4.6	7.0





#5

2-Fluorophenol

Concen: 74.040 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

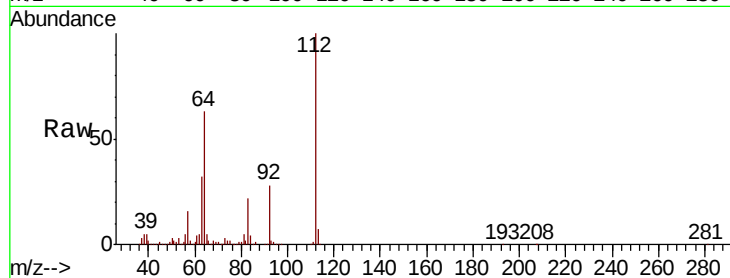
Tot Ion:112 Resp: 1176046

Ion Ratio Lower Upper

112 100

64 62.9 51.4 77.0

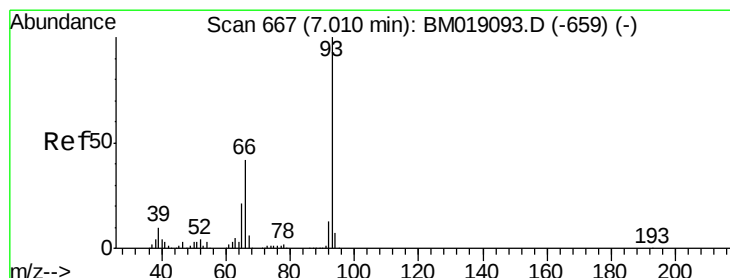
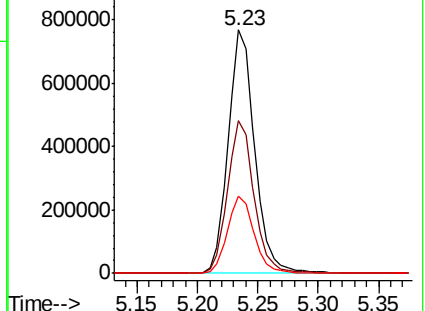
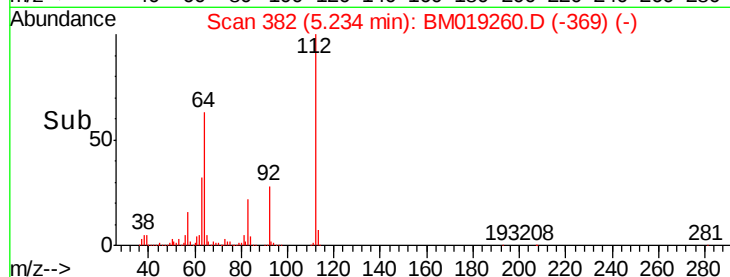
63 32.0 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.798 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

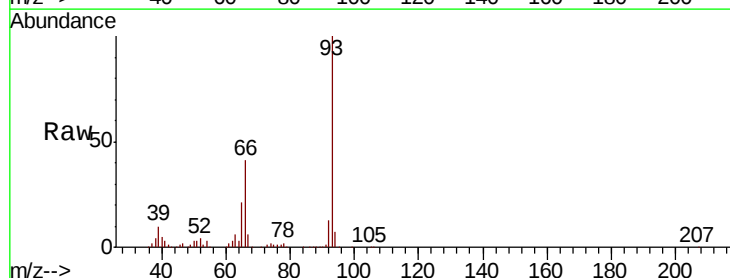
Tgt Ion: 93 Resp: 1163777

Ion Ratio Lower Upper

93 100

66 41.2 33.4 50.2

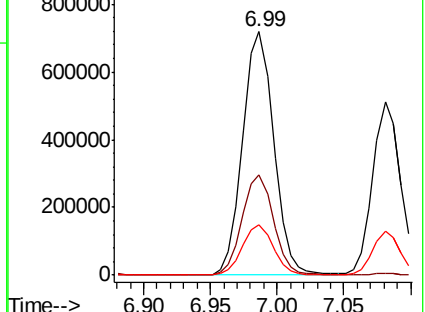
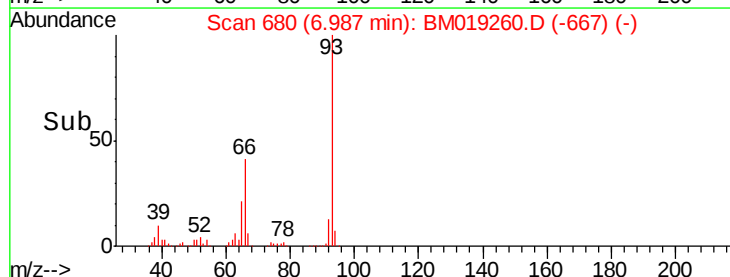
65 20.7 16.8 25.2

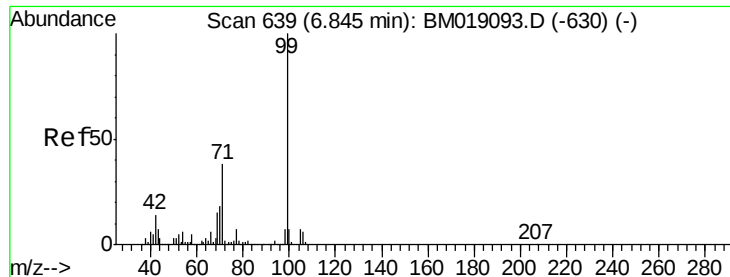


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 78.892 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

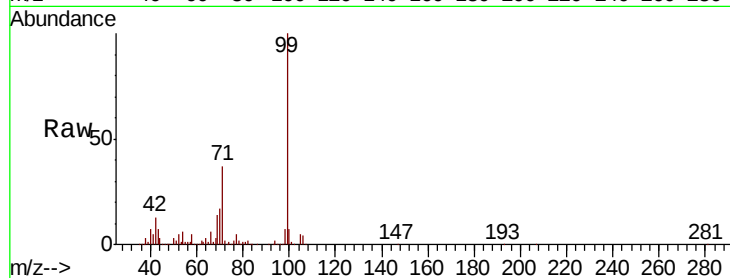
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1832946

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.9	16.3
71	36.7	30.3	45.5



Abundance

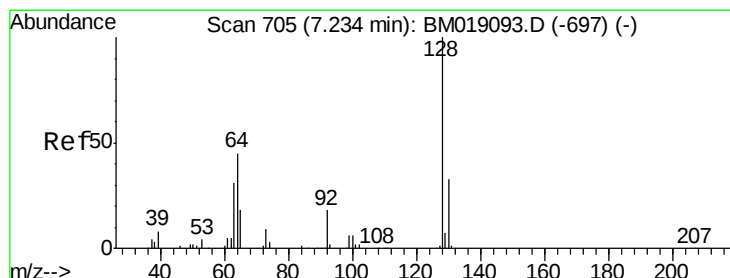
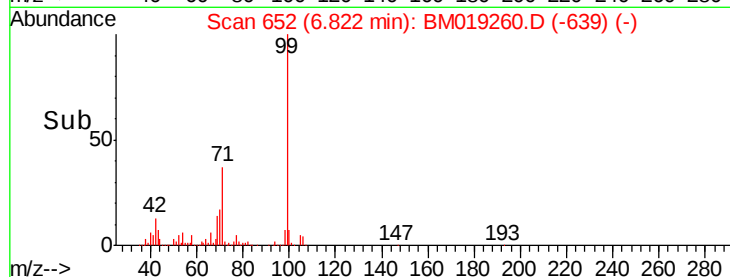
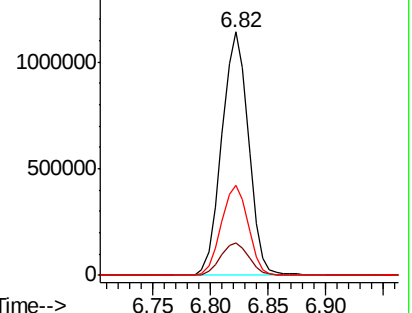
Ion 99.00 (98.70 to 99.70): BM019260.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019260.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019260.D (-639) (-)

6.82

Time-->



#8

2-Chlorophenol

Concen: 38.833 ng

RT: 7.20 min Scan# 717

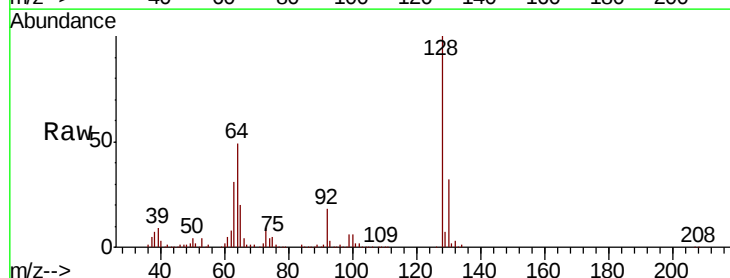
Delta R.T. -0.03 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Tgt Ion: 128 Resp: 741234

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.8	52.8
64	49.3	30.8	70.8



Abundance

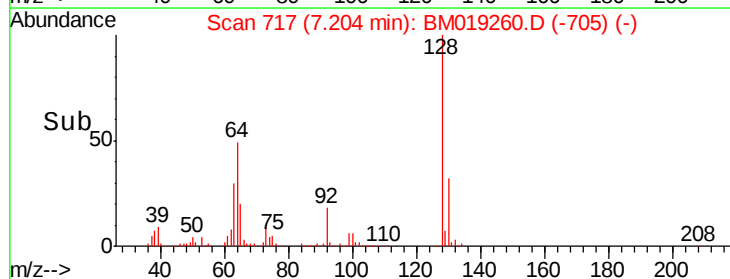
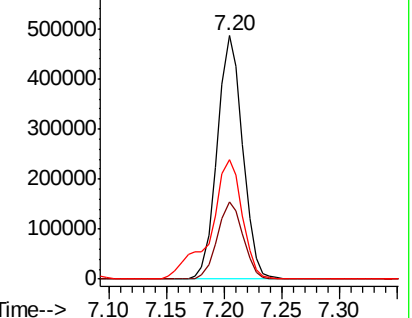
Ion 128.00 (127.70 to 128.70): BM019260.D (-705) (-)

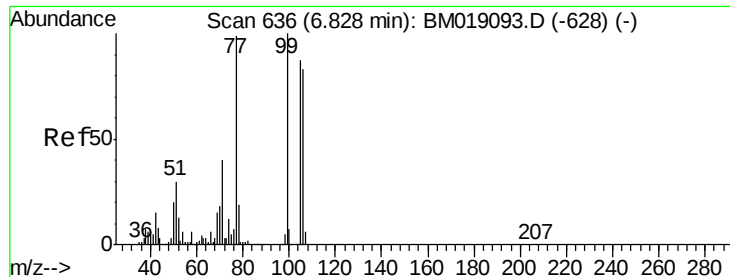
Ion 130.00 (129.70 to 130.70): BM019260.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM019260.D (-705) (-)

7.20

Time-->





#9

Benzaldehyde

Concen: 36.609 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

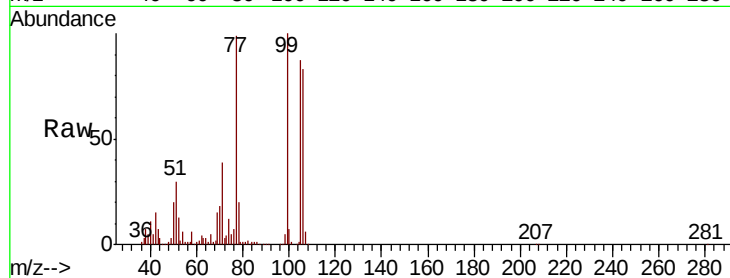
Tot Ion: 77 Resp: 535001

Ion Ratio Lower Upper

77 100

105 87.7 67.7 107.7

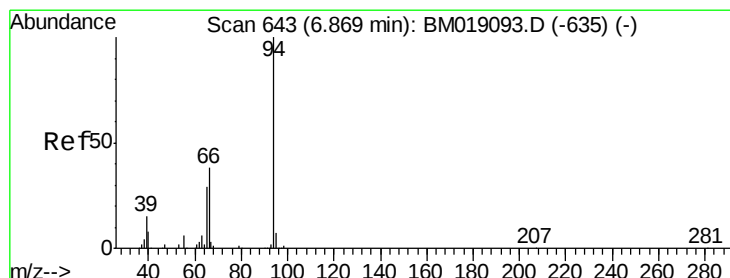
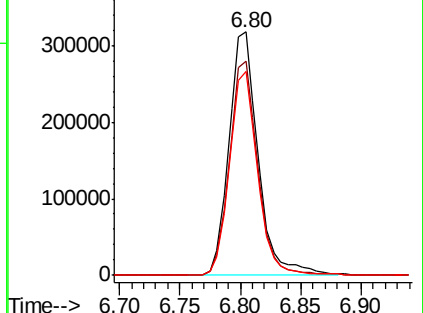
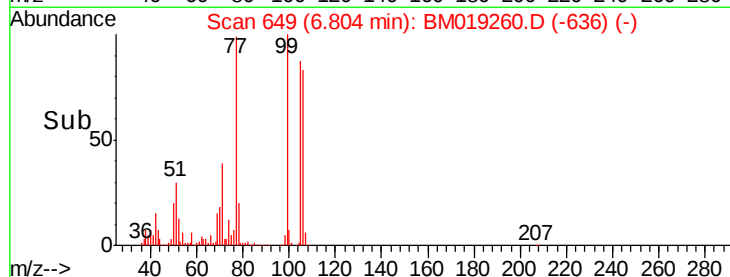
106 83.8 64.1 104.1



Abundance Ion 77.00 (76.70 to 77.70): BM019260.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM019260.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM019260.D (-636) (-)



#10

Phenol

Concen: 40.015 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

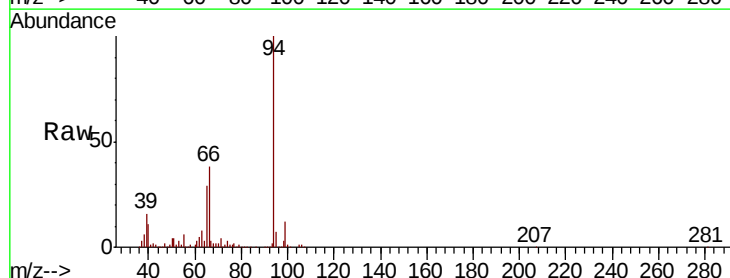
Tgt Ion: 94 Resp: 1001945

Ion Ratio Lower Upper

94 100

65 29.1 9.7 49.7

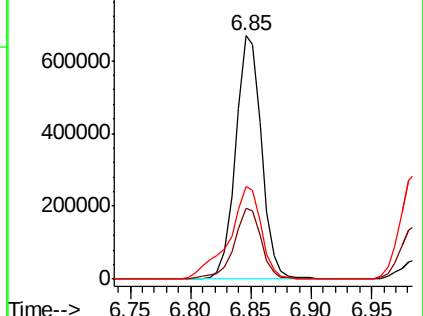
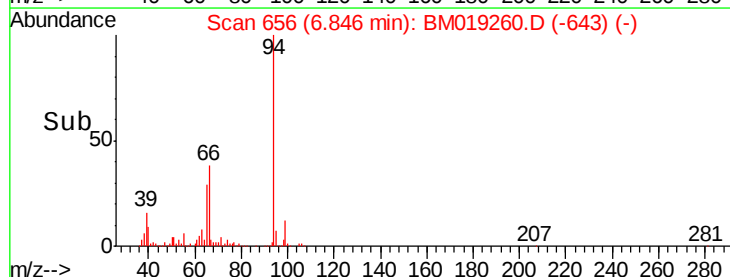
66 38.2 19.2 59.2

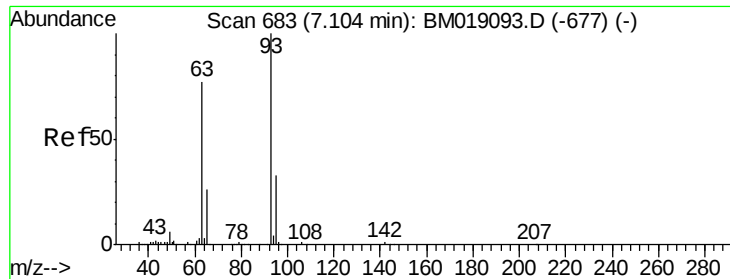


Abundance Ion 94.00 (93.70 to 94.70): BM019260.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019260.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019260.D (-643) (-)

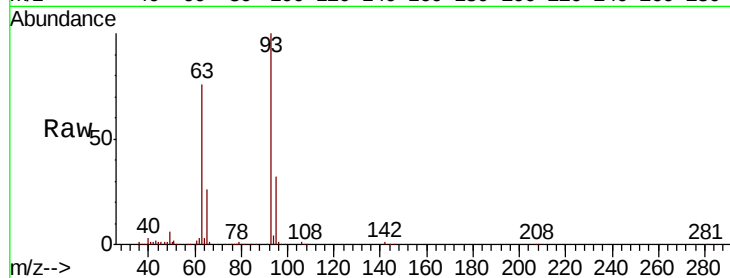




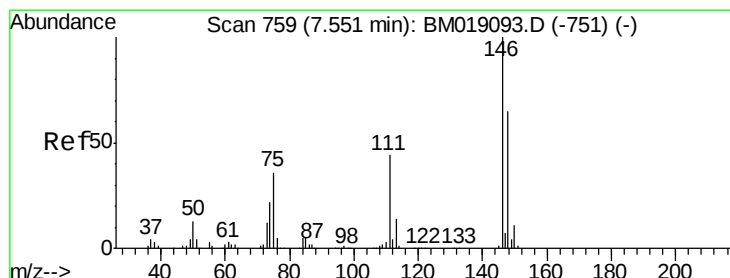
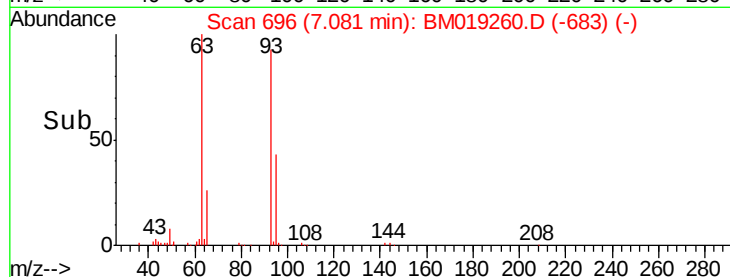
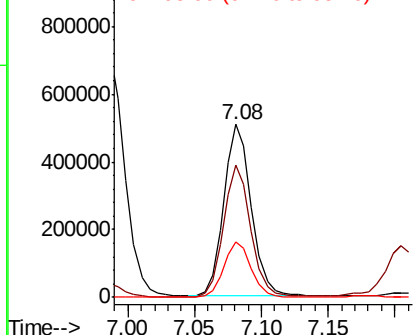
#11
bis(2-Chloroethyl)ether
Concen: 38.276 ng
RT: 7.08 min Scan# 696
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampled :

Tot Ion: 93 Resp: 731308
Ion Ratio Lower Upper
93 100
63 76.3 56.6 96.6
95 32.1 13.0 53.0

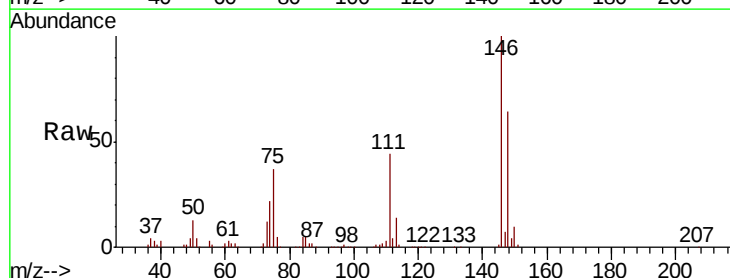


Abundance Ion 93.00 (92.70 to 93.70): BM019093.D (-677) (-)
Ion 63.00 (62.70 to 63.70): BM019093.D (-677) (-)
Ion 95.00 (94.70 to 95.70): BM019093.D (-677) (-)

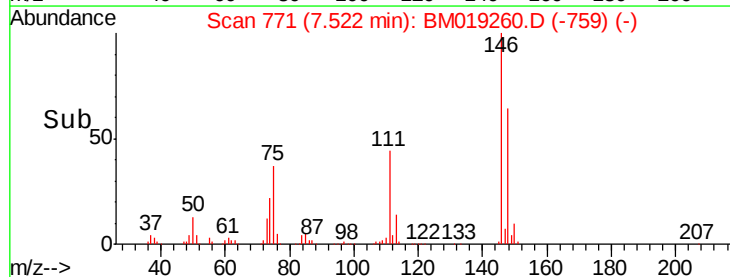
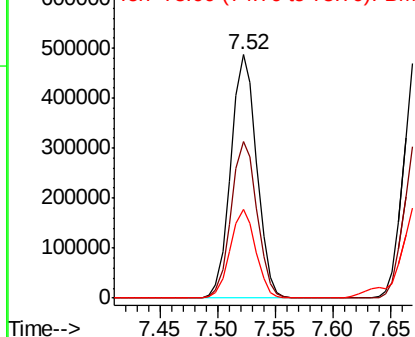


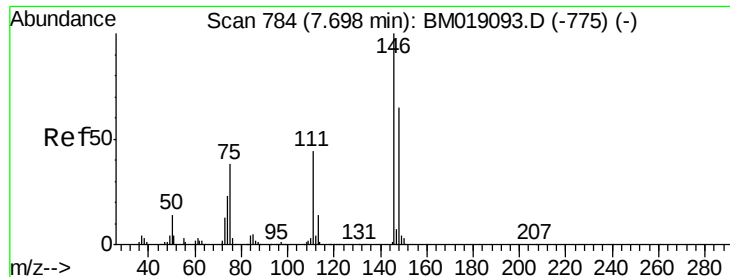
#12
1,3-Dichlorobenzene
Concen: 37.390 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion: 146 Resp: 755274
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 36.5 29.1 43.7



Abundance Ion 146.00 (145.70 to 146.70): BM019093.D (-751) (-)
Ion 148.00 (147.70 to 148.70): BM019093.D (-751) (-)
Ion 75.00 (74.70 to 75.70): BM019093.D (-751) (-)

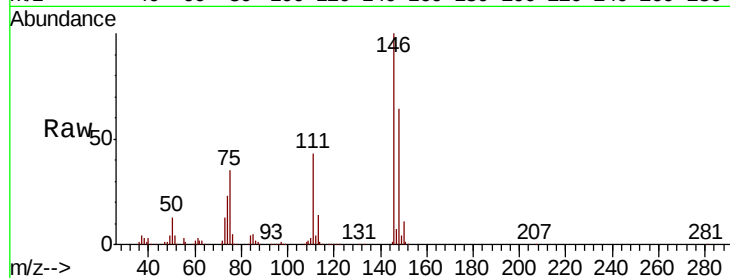




#13
1,4-Dichlorobenzene
Concen: 37.411 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	43.5	35.4	53.0

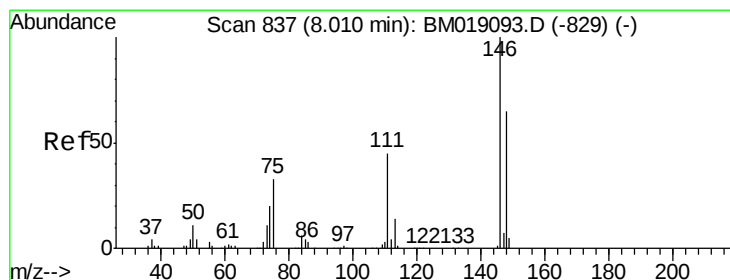
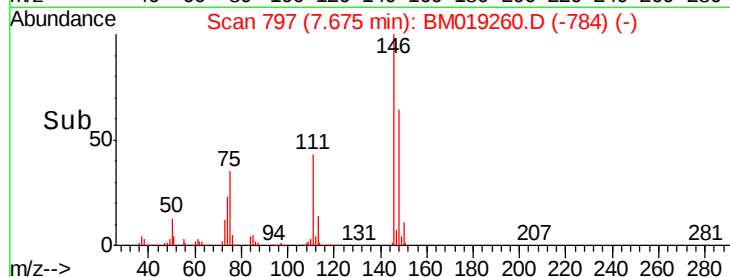
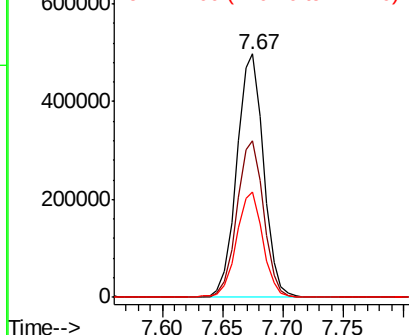


Abundance

Ion 146.00 (145.70 to 146.70): E

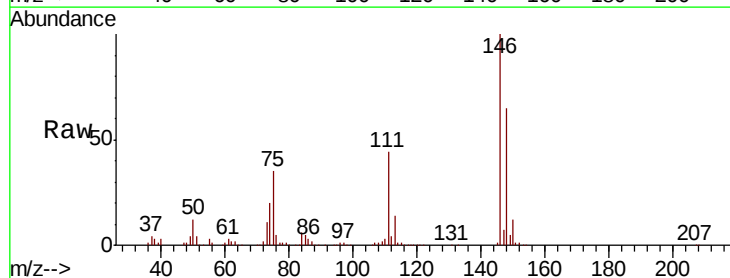
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 37.632 ng
RT: 7.99 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
111	44.3	36.2	54.4

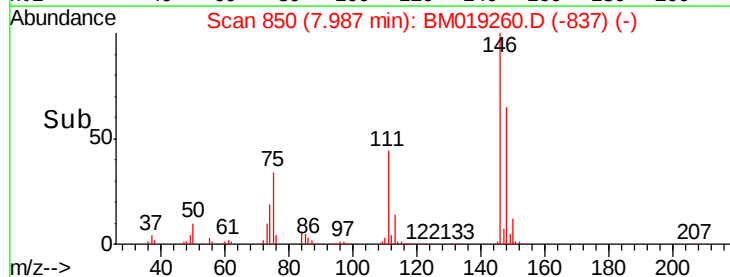
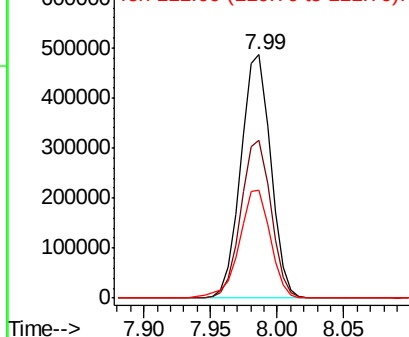


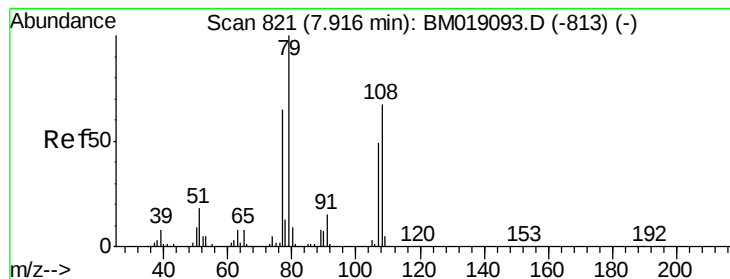
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.750 ng

RT: 7.89 min Scan# 834

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

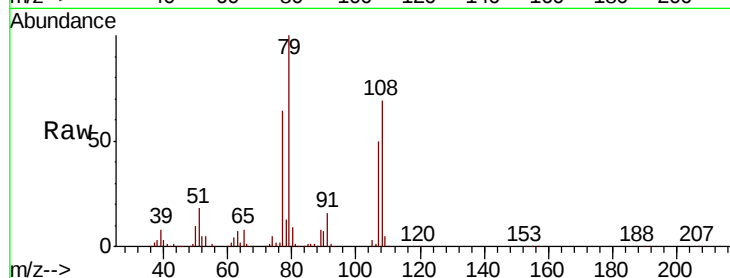
Tot Ion: 79 Resp: 764345

Ion Ratio Lower Upper

79 100

108 68.8 53.7 80.5

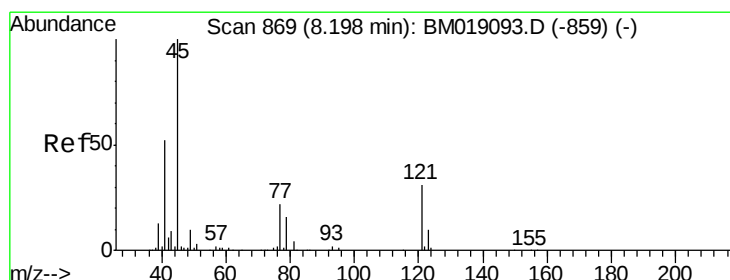
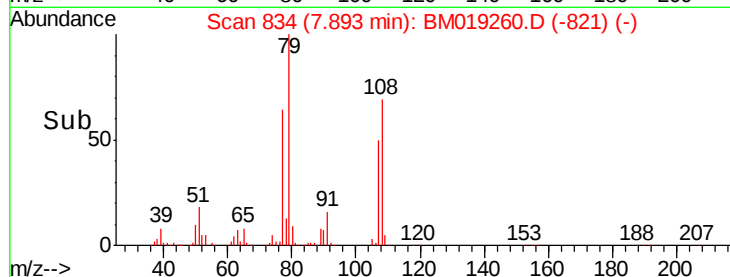
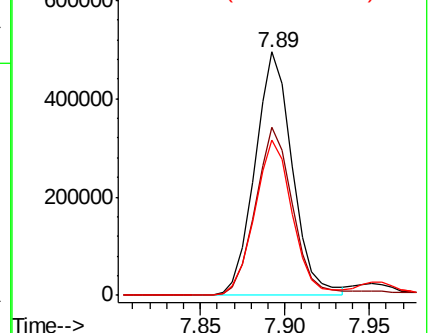
77 63.6 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-813) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.308 ng

RT: 8.17 min Scan# 881

Delta R.T. -0.03 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

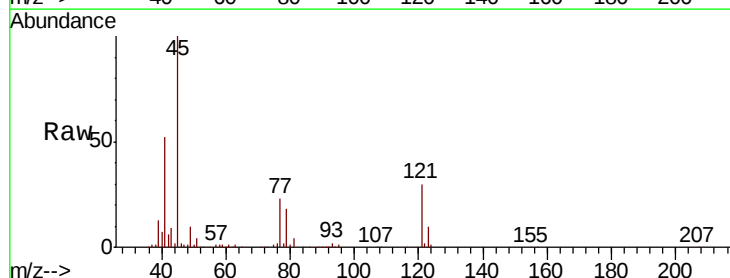
Tgt Ion: 45 Resp: 727844

Ion Ratio Lower Upper

45 100

77 22.9 4.1 44.1

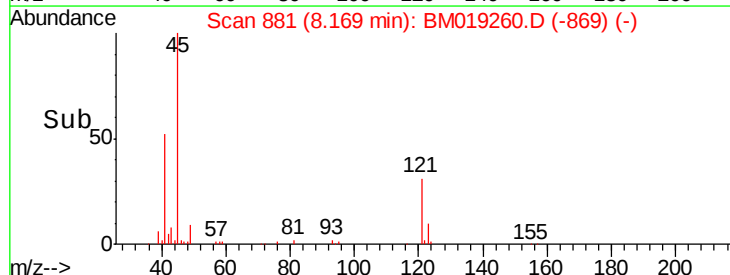
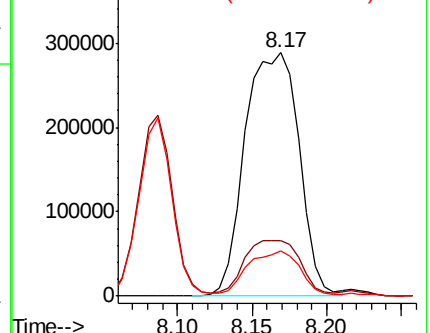
79 18.3 0.0 38.1

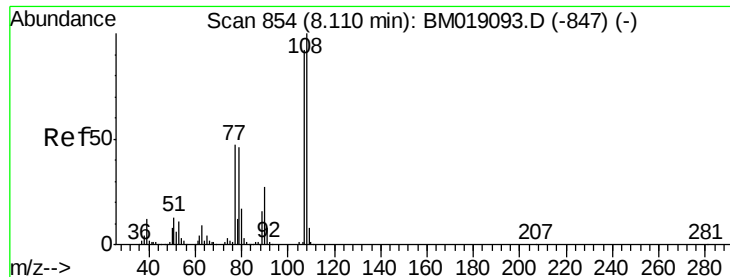


Abundance Ion 45.00 (44.70 to 45.70): BM019093.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-859) (-)

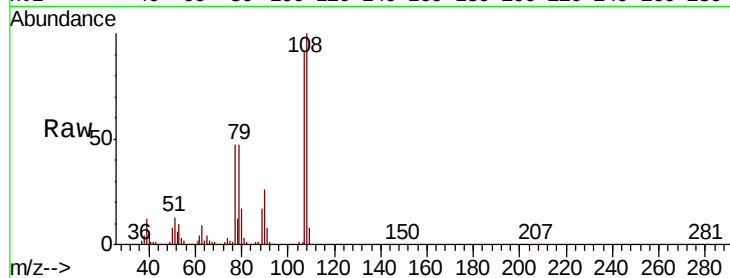




#17
2-Methylphenol
Concen: 39.820 ng
RT: 8.09 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	107	Resp:	649732
Ion	Ratio	Lower	Upper
107	100		
108	110.2	87.4	131.2
77	52.0	41.6	62.4
79	51.3	40.6	60.8



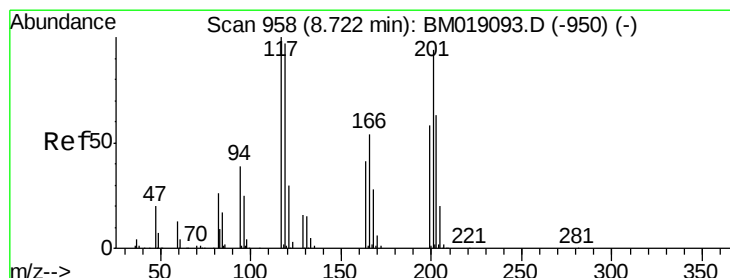
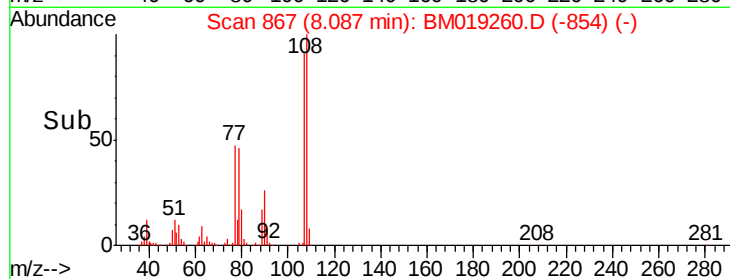
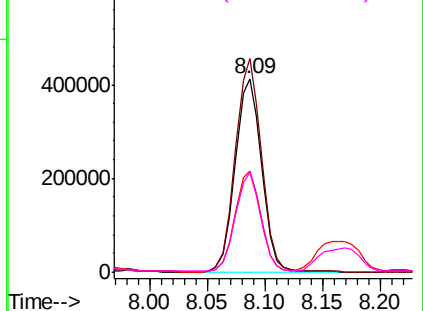
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

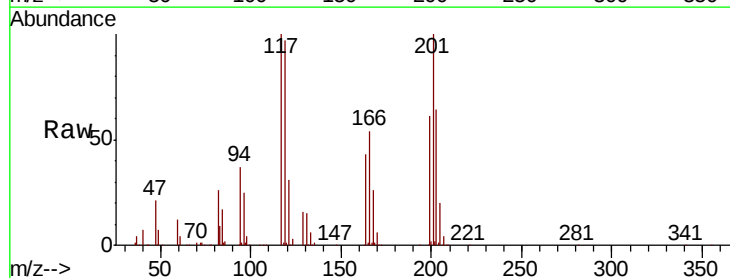
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 37.432 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.03 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:	117	Resp:	286440
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.2
201	100.4	75.2	112.8

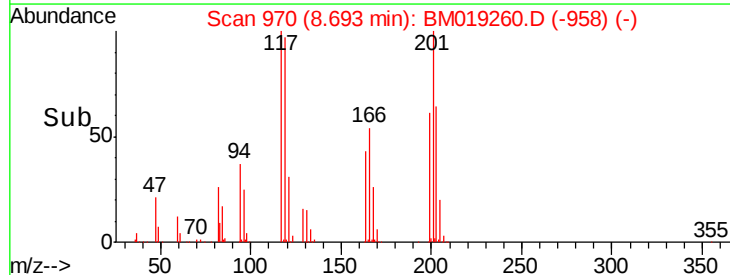
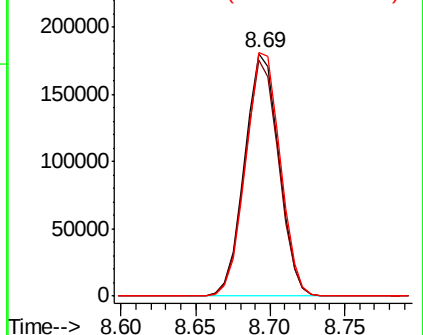


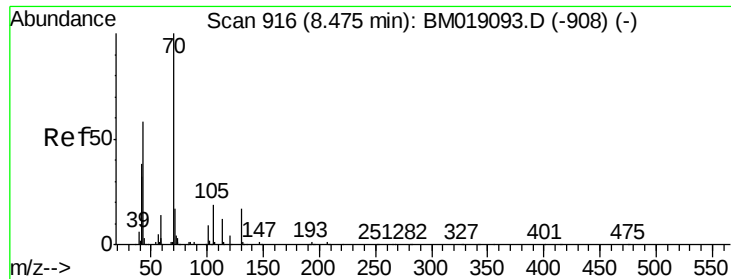
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

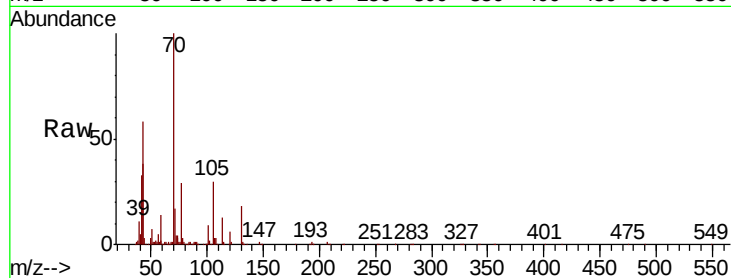




#19
n-Nitroso-di-n-propylamine
Concen: 39.380 ng
RT: 8.45 min Scan# 929
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	750615
Ion	Ratio	Lower	Upper
70	100		
42	37.9	30.6	45.8
101	9.0	6.8	10.2
130	17.8	13.9	20.9



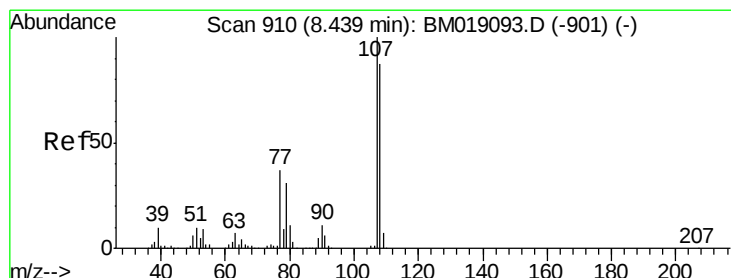
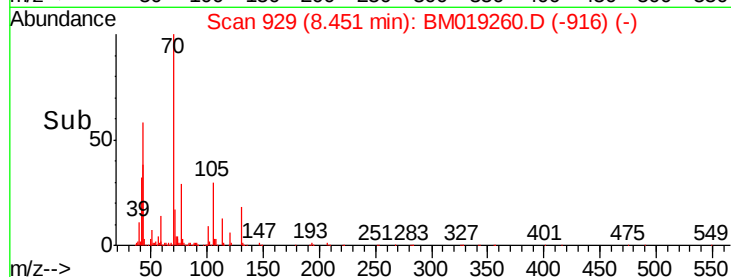
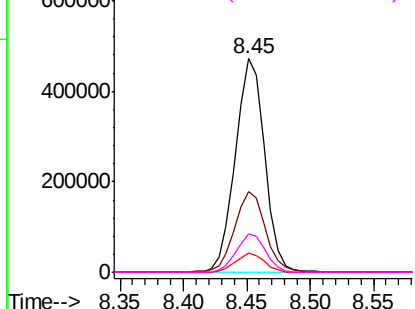
Abundance

Ion 70.00 (69.70 to 70.70): BM019093.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-908) (-)

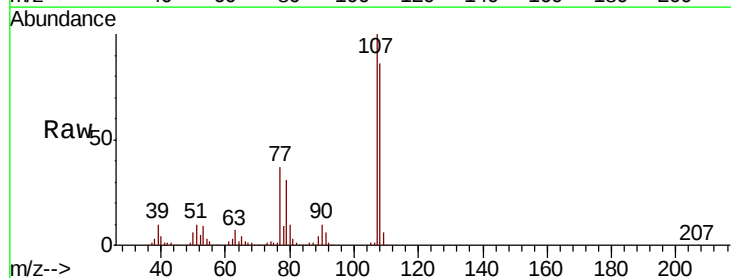
Ion 101.00 (100.70 to 101.70): BM019093.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-908) (-)



#20
3+4-Methylphenols
Concen: 40.928 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:	107	Resp:	906466
Ion	Ratio	Lower	Upper
107	100		
108	85.6	67.0	107.0
77	36.9	17.3	57.3
79	31.2	11.6	51.6



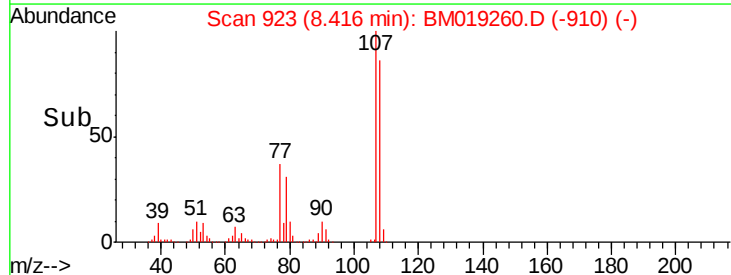
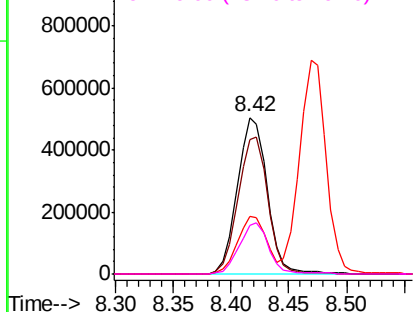
Abundance

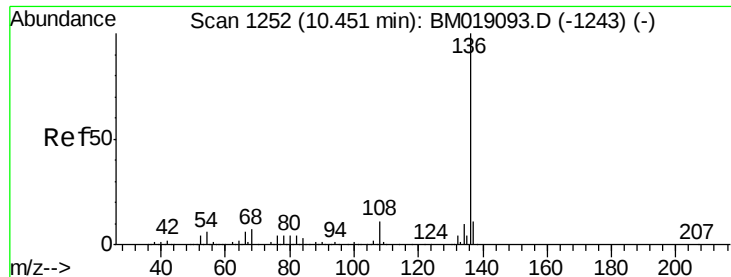
Ion 107.00 (106.70 to 107.70): BM019093.D (-901) (-)

Ion 108.00 (107.70 to 108.70): BM019093.D (-901) (-)

Ion 77.00 (76.70 to 77.70): BM019093.D (-901) (-)

Ion 79.00 (78.70 to 79.70): BM019093.D (-901) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1234856

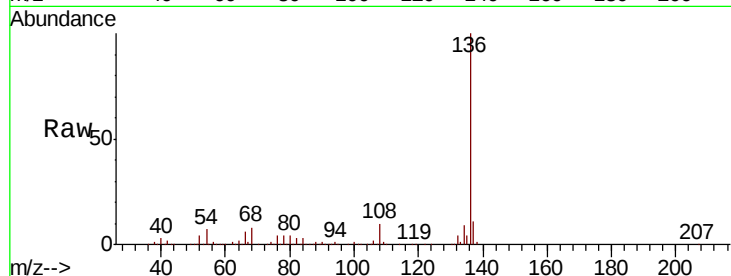
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.7 5.2 7.8

68 7.6 5.8 8.8

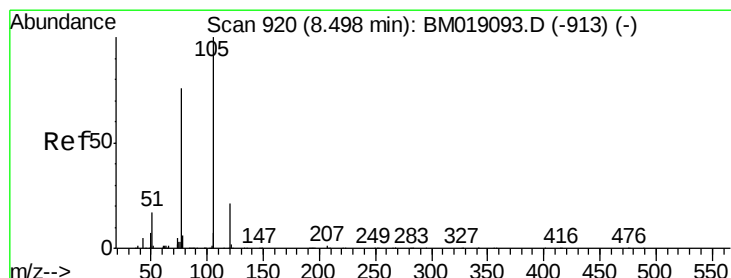
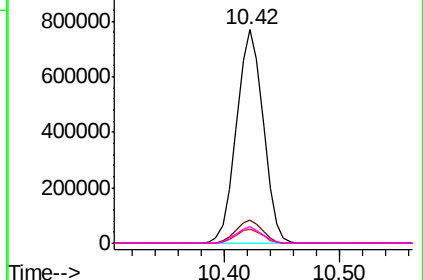
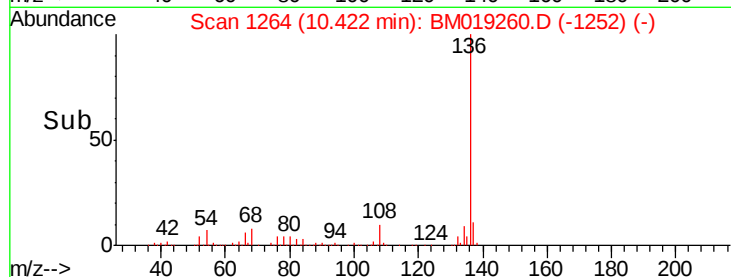


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 38.048 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.03 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Tgt Ion:105 Resp: 1298435

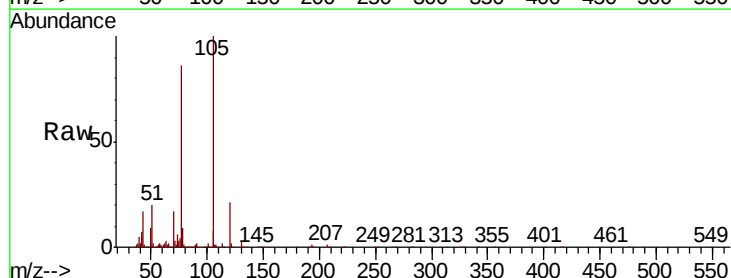
Ion Ratio Lower Upper

105 100

71 2.7 0.8 1.2#

51 19.7 15.8 23.6

120 21.0 17.0 25.4

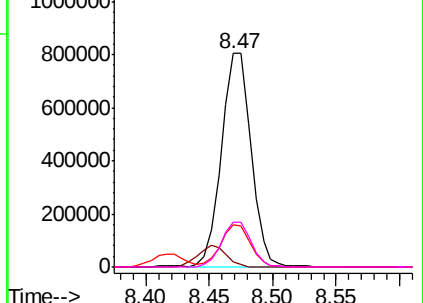
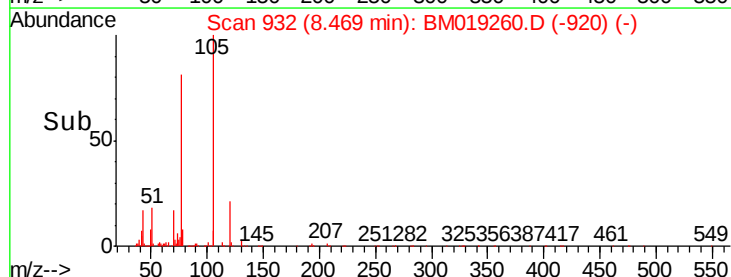


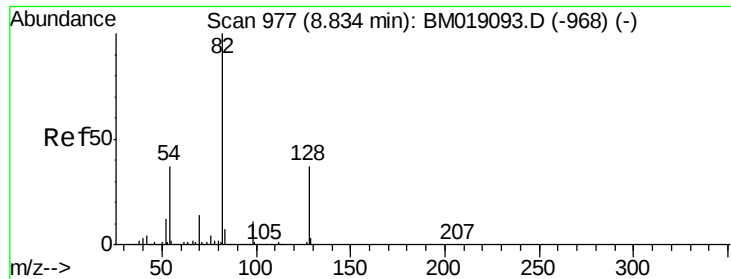
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

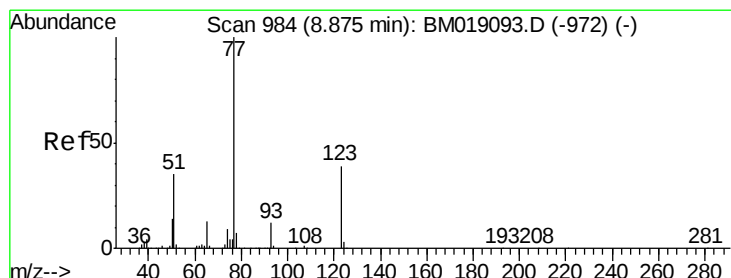
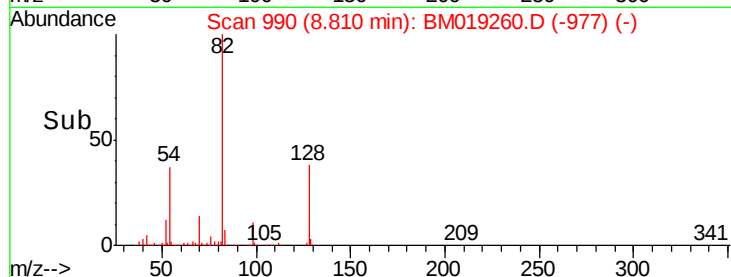
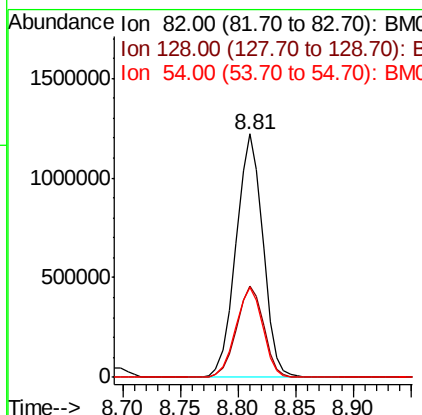
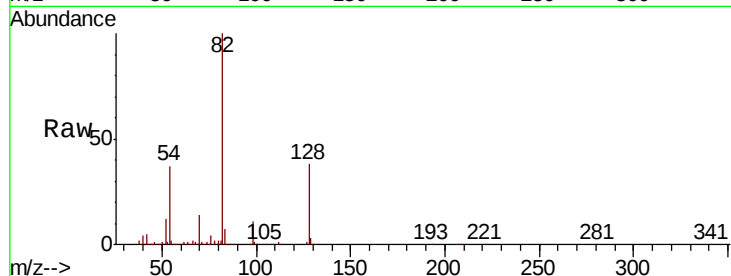




#23
 Nitrobenzene-d5
 Concen: 75.483 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

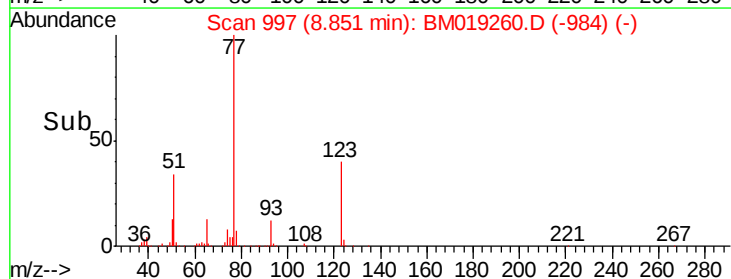
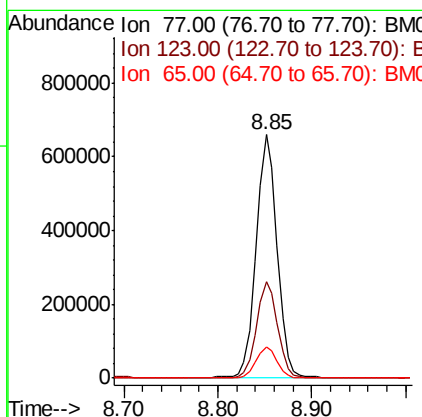
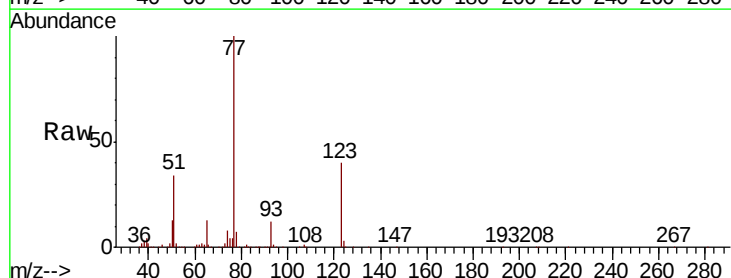
Instrument :
 BNA_M
 ClientSampleId :

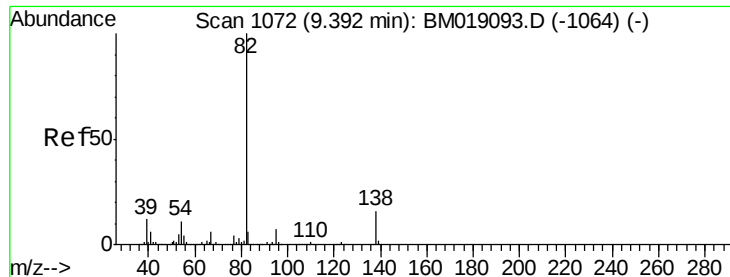
Tot Ion: 82 Resp: 1971870
 Ion Ratio Lower Upper
 82 100
 128 37.8 29.4 44.2
 54 36.8 29.9 44.9



#24
 Nitrobenzene
 Concen: 37.495 ng
 RT: 8.85 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion: 77 Resp: 1018681
 Ion Ratio Lower Upper
 77 100
 123 39.7 31.3 46.9
 65 13.0 10.5 15.7

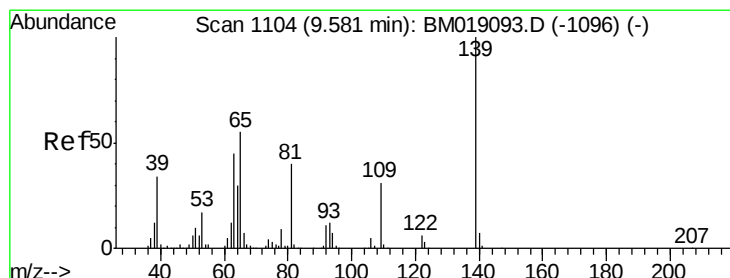
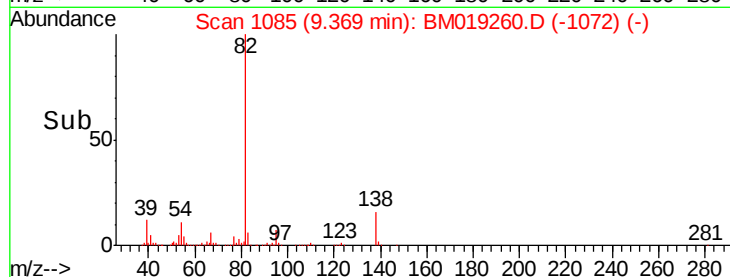
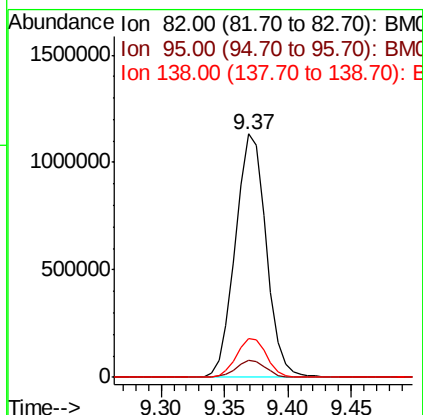
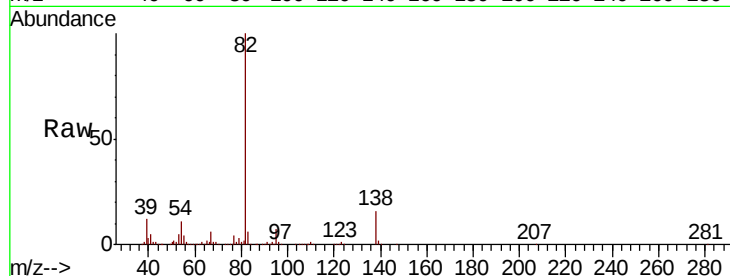




#25
Isophorone
Concen: 38.354 ng
RT: 9.37 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

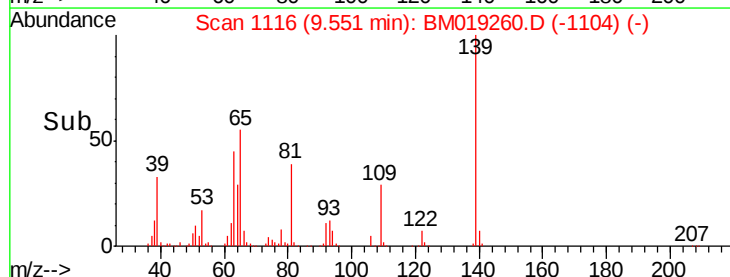
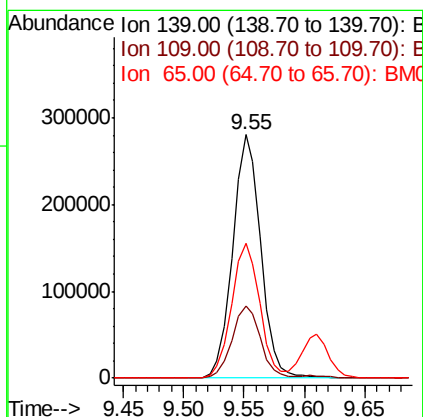
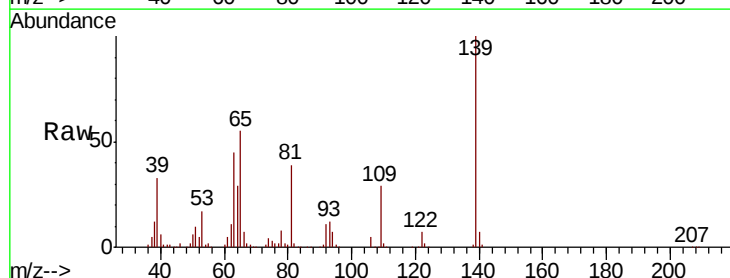
Instrument :
BNA_M
ClientSampleId :

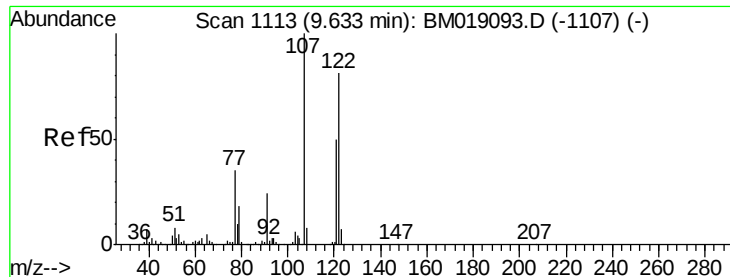
Tot Ion: 82 Resp: 1911848
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.2 12.6 18.8



#26
2-Nitrophenol
Concen: 40.304 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion: 139 Resp: 453886
Ion Ratio Lower Upper
139 100
109 29.5 24.5 36.7
65 55.4 44.4 66.6

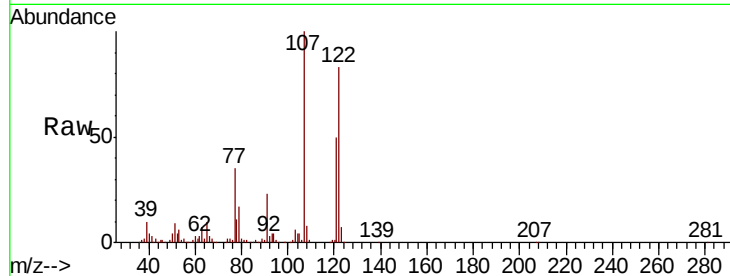




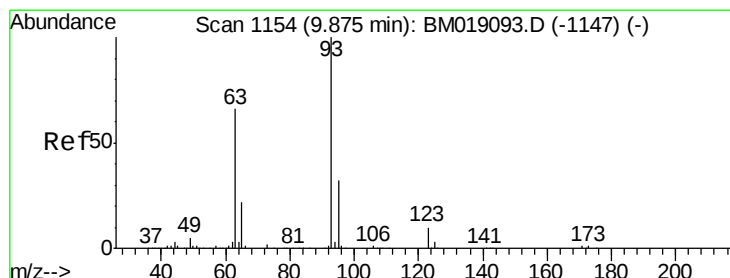
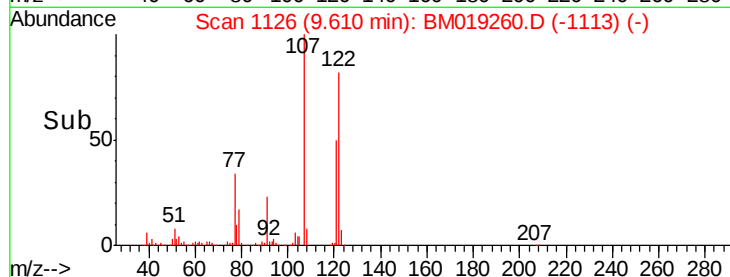
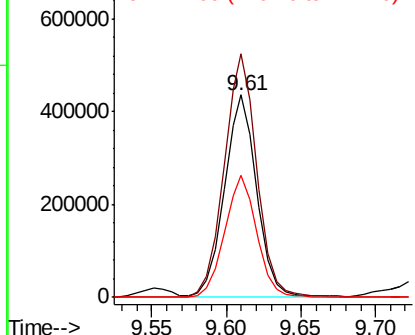
#27
 2,4-Dimethylphenol
 Concen: 38.991 ng
 RT: 9.61 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:122 Resp: 652801
 Ion Ratio Lower Upper
 122 100
 107 120.5 98.2 147.4
 121 60.6 48.8 73.2

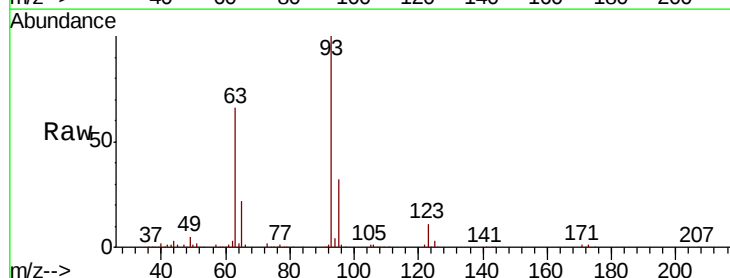


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

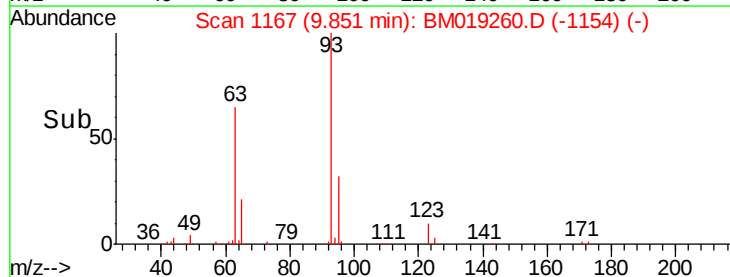
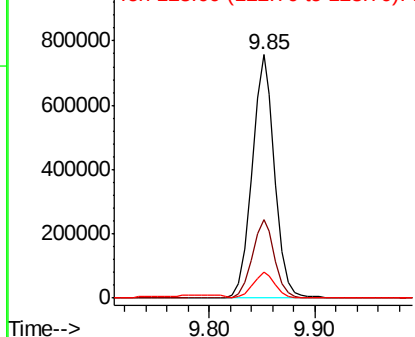


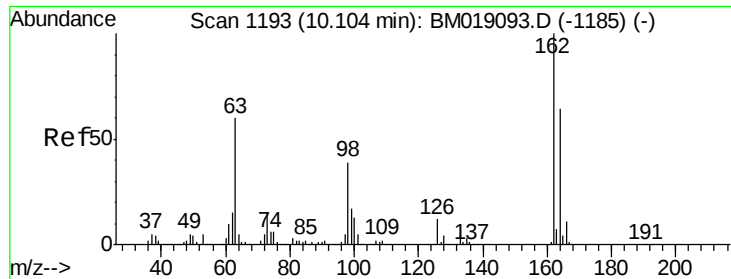
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.968 ng
 RT: 9.85 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion: 93 Resp: 1120661
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.8 38.8
 123 10.6 7.9 11.9



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

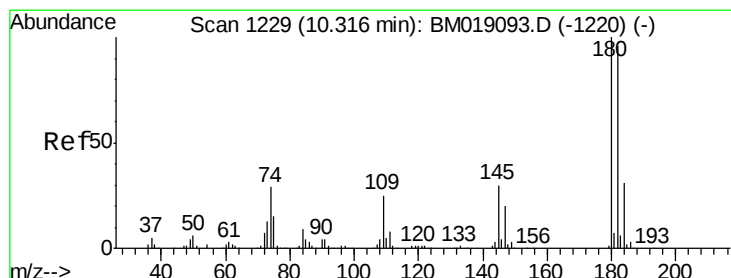
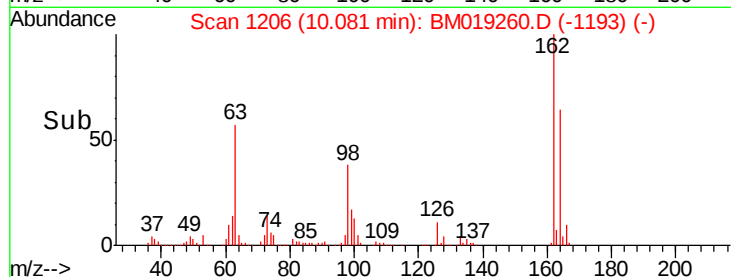
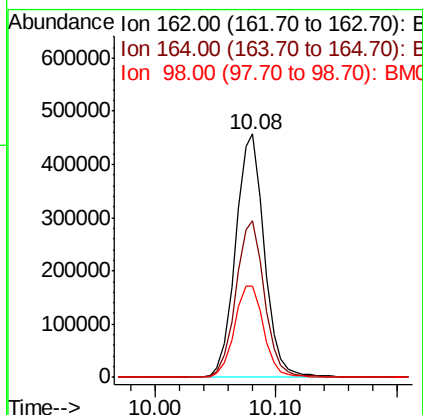
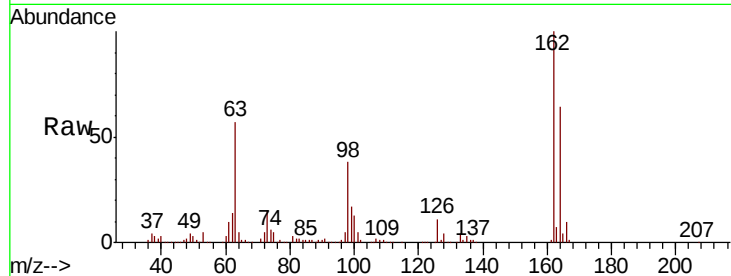




#29
 2,4-Dichlorophenol
 Concen: 40.971 ng
 RT: 10.08 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

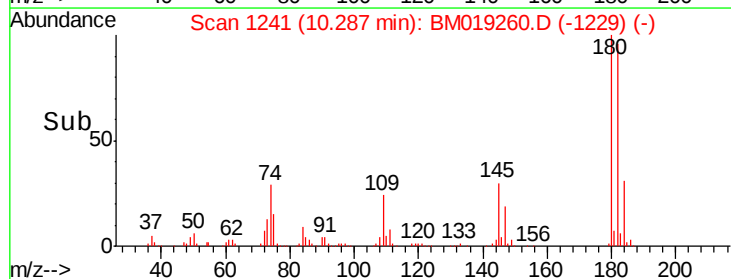
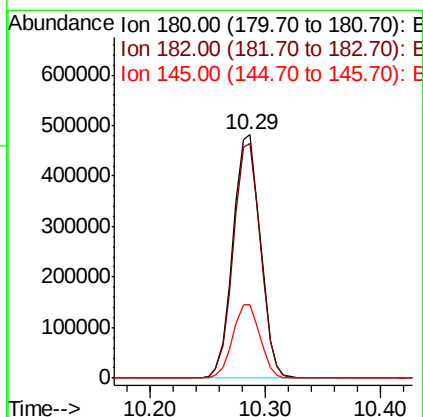
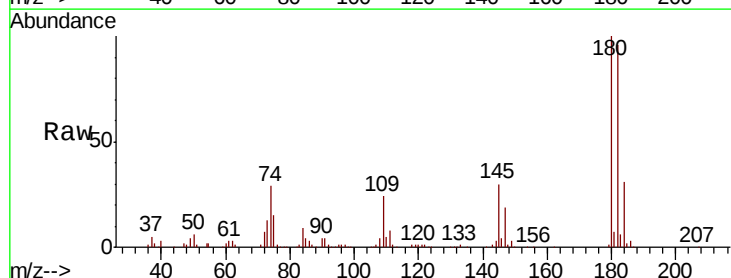
Instrument :
 BNA_M
 ClientSampleId :

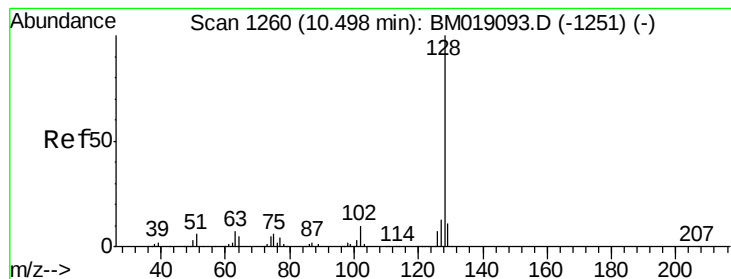
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.5	83.5
98	37.6	19.1	59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.940 ng
 RT: 10.29 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.6	114.8
145	30.0	24.3	36.5





#31

Naphthalene

Concen: 37.382 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

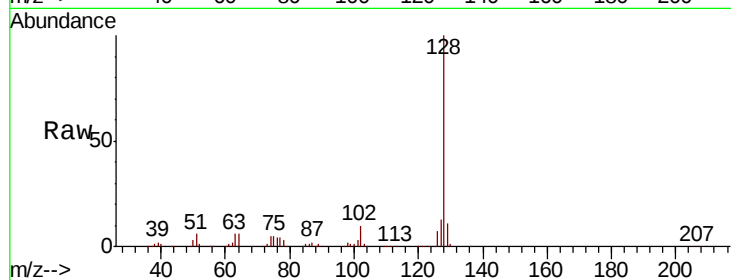
Tot Ion:128 Resp: 2433020

Ion Ratio Lower Upper

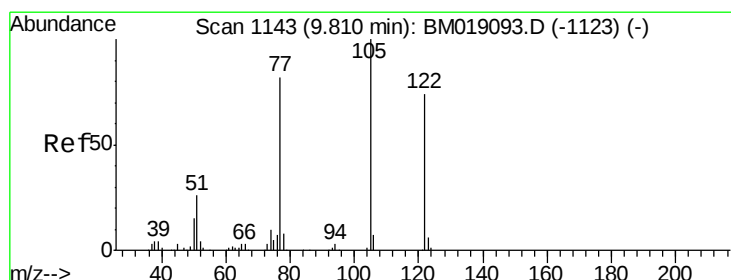
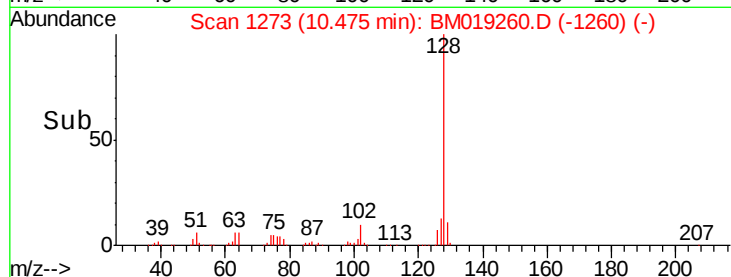
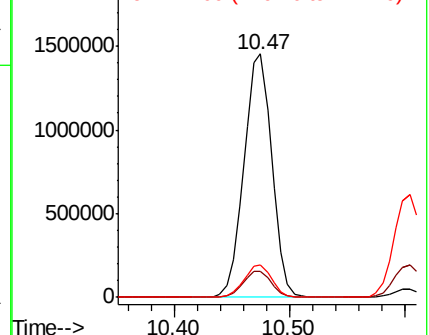
128 100

129 10.6 8.6 13.0

127 13.3 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.562 ng

RT: 9.80 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

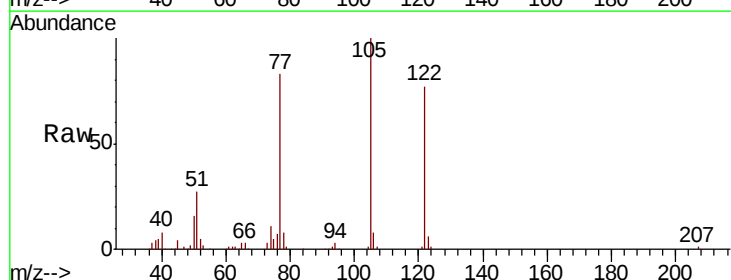
Tgt Ion:122 Resp: 475885

Ion Ratio Lower Upper

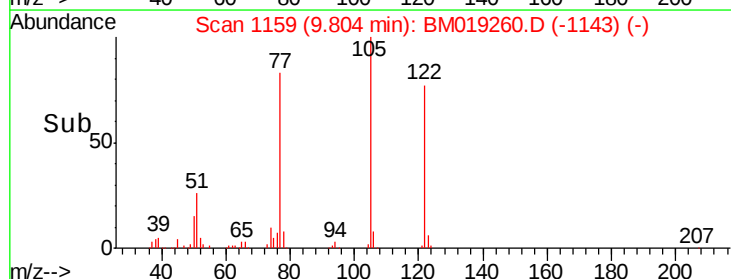
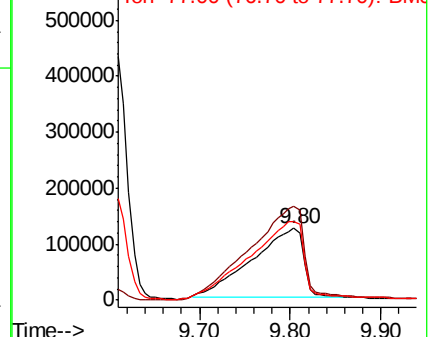
122 100

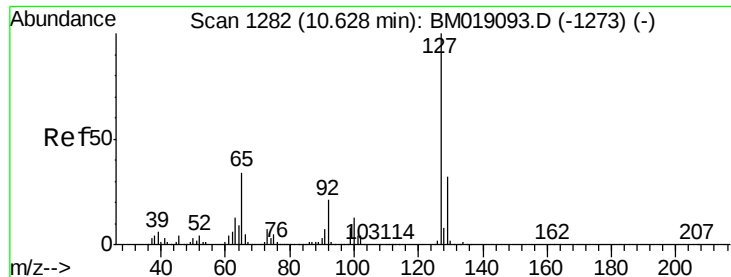
105 130.2 113.0 153.0

77 108.7 90.1 130.1



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

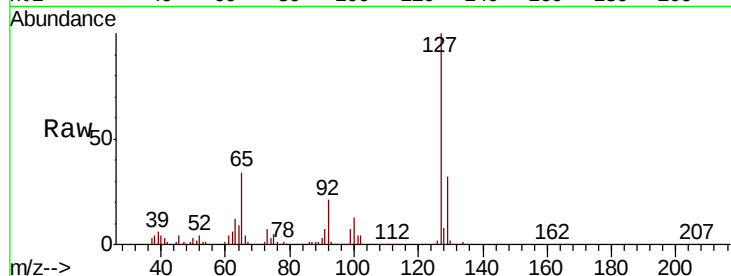




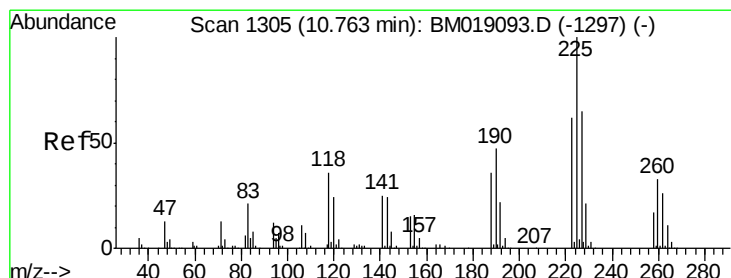
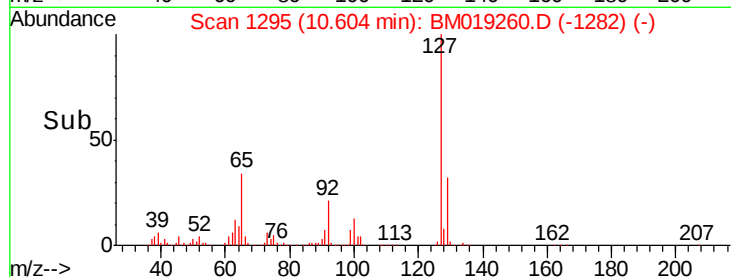
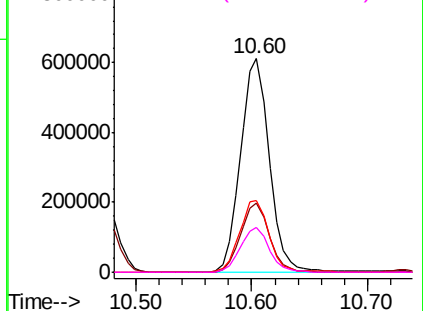
#33
4-Chloroaniline
Concen: 39.813 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	1062229
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	33.7	27.4	41.2
92	20.9	16.8	25.2

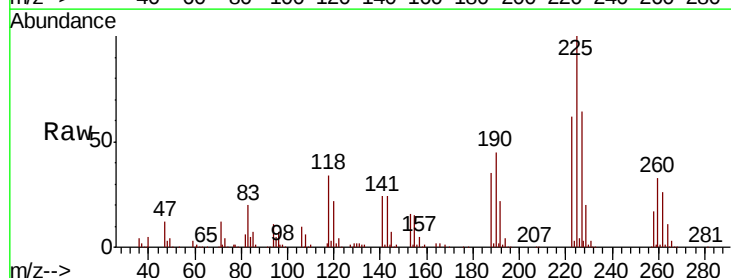


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

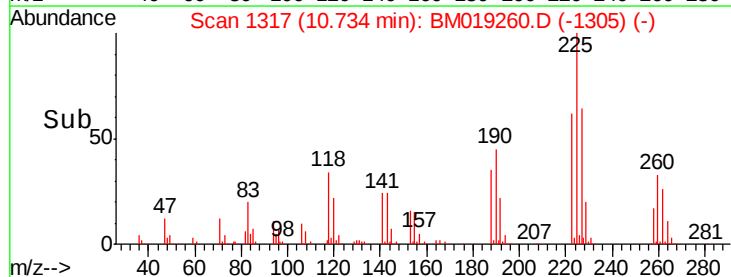
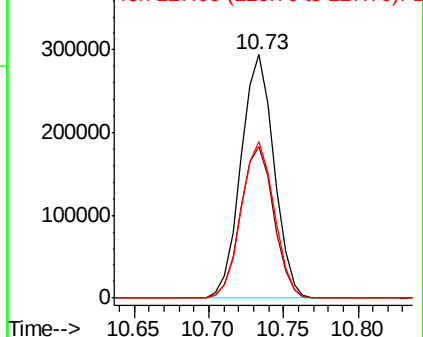


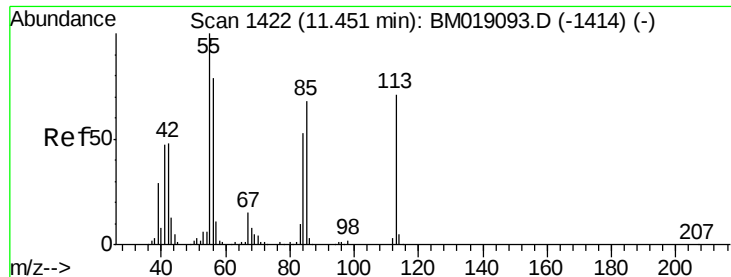
#34
Hexachlorobutadiene
Concen: 37.575 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:	225	Resp:	450837
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.4	74.0
227	64.2	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.963 ng

RT: 11.44 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

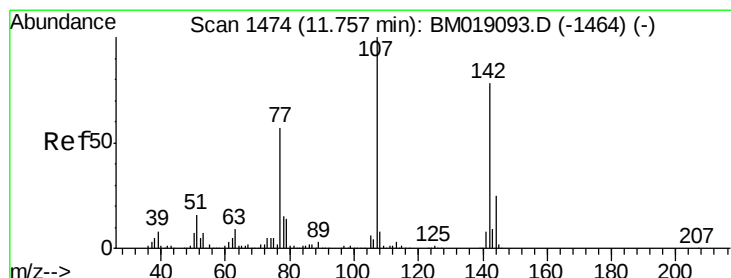
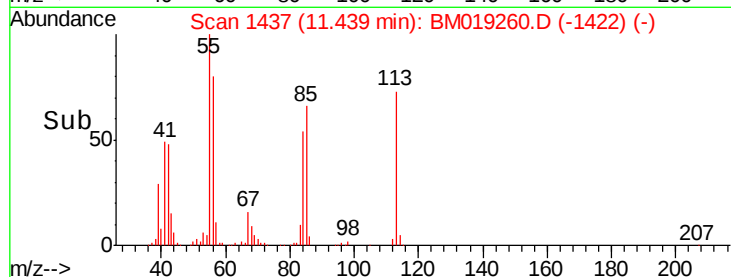
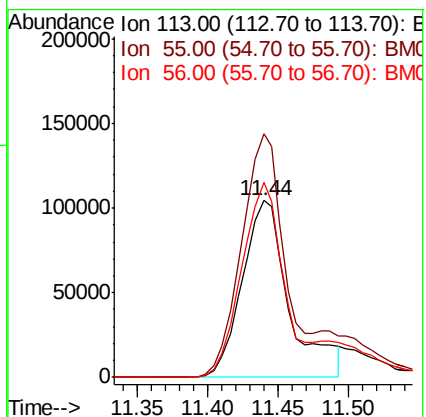
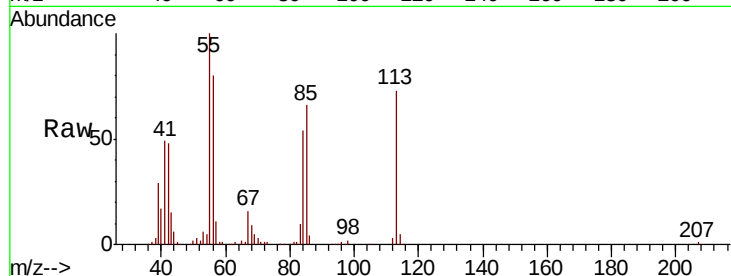
Tot Ion:113 Resp: 244150

Ion Ratio Lower Upper

113 100

55 137.9 120.1 160.1

56 110.3 90.1 130.1



#36

4-Chloro-3-methylphenol

Concen: 40.113 ng

RT: 11.73 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

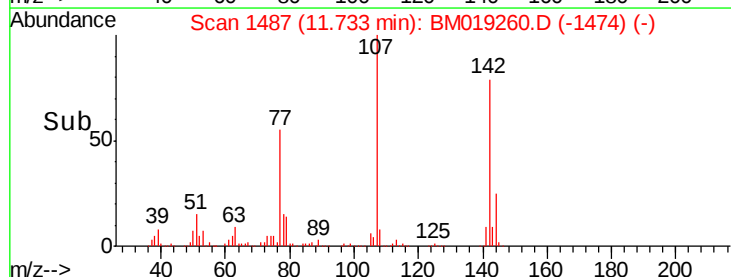
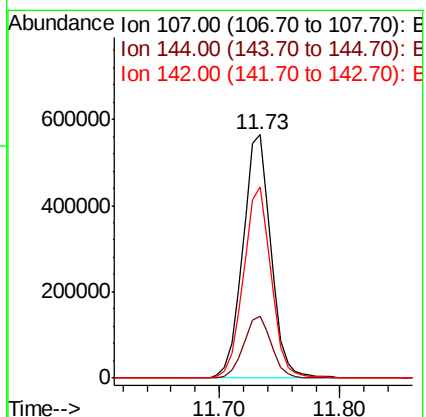
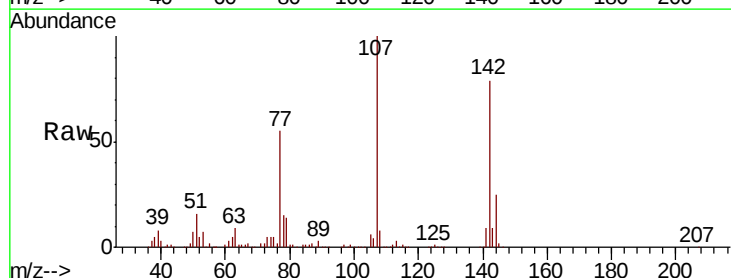
Tgt Ion:107 Resp: 917740

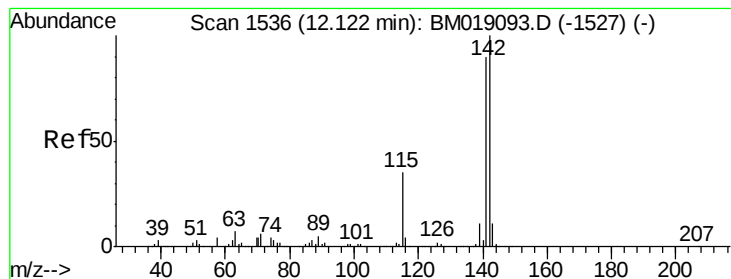
Ion Ratio Lower Upper

107 100

144 25.3 20.2 30.4

142 78.5 62.4 93.6





#37

2-Methylnaphthalene

Concen: 38.342 ng

RT: 12.09 min Scan# 1548

Delta R.T. -0.03 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

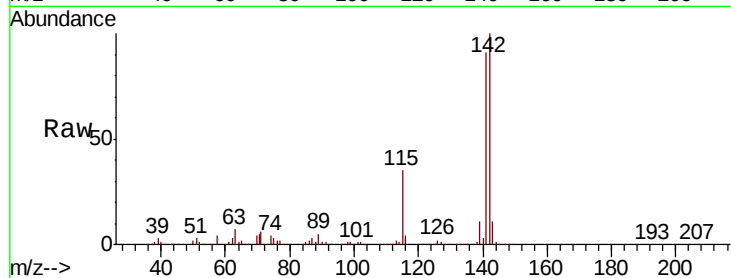
Tot Ion:142 Resp: 1813451

Ion Ratio Lower Upper

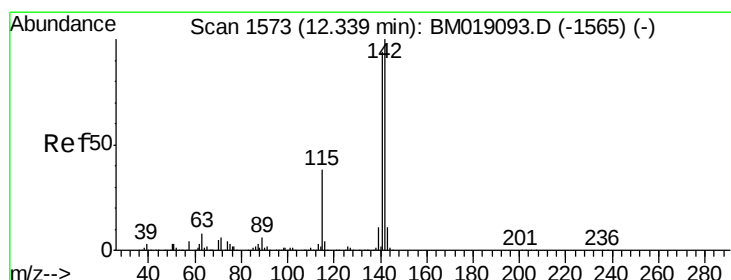
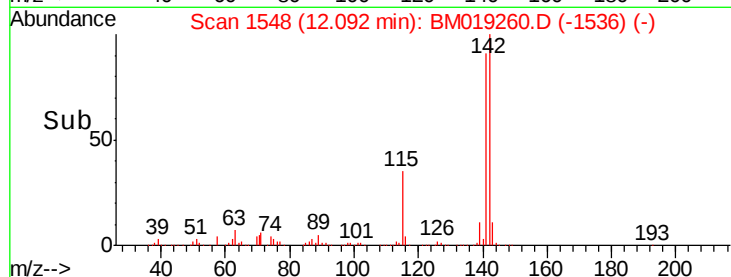
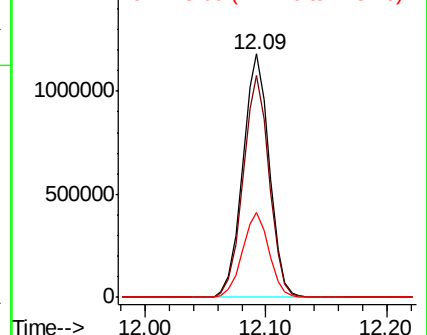
142 100

141 91.3 72.3 108.5

115 34.7 27.8 41.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.196 ng

RT: 12.32 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

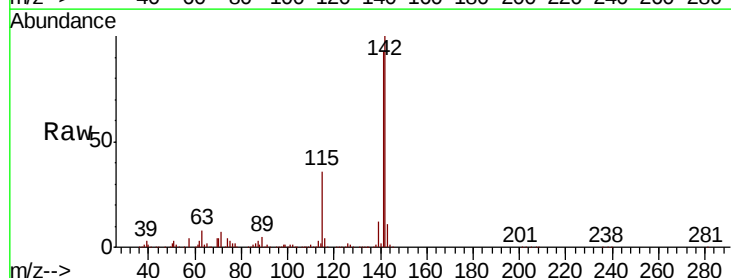
Tgt Ion:142 Resp: 1780625

Ion Ratio Lower Upper

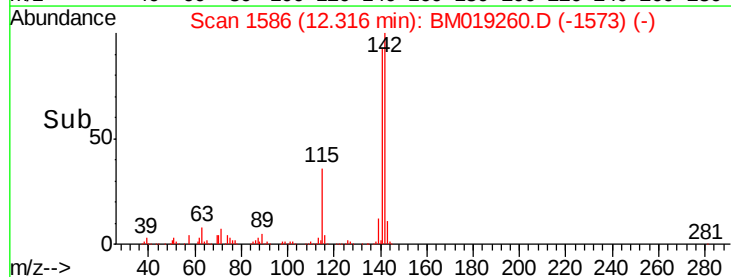
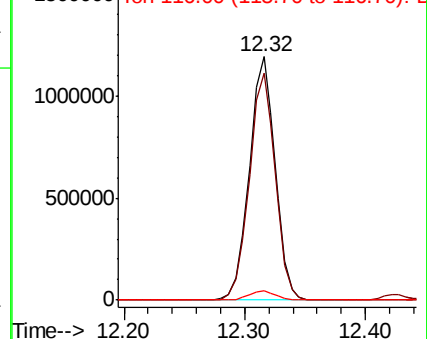
142 100

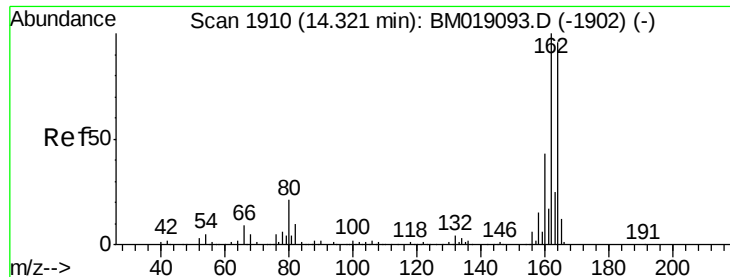
141 93.4 74.9 112.3

116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

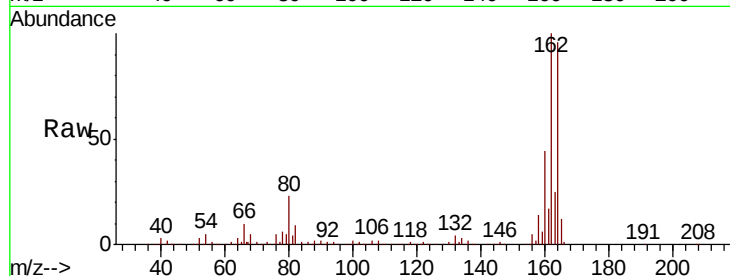
Tot Ion:164 Resp: 768185

Ion Ratio Lower Upper

164 100

162 104.4 83.5 125.3

160 45.7 36.3 54.5

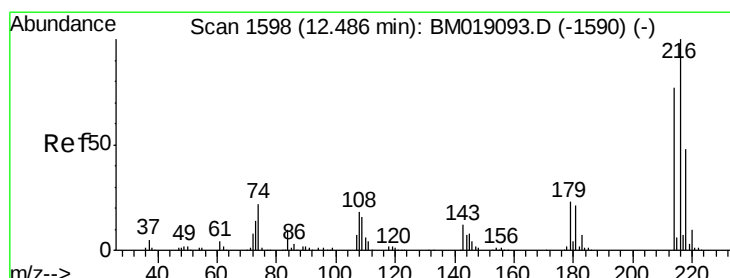
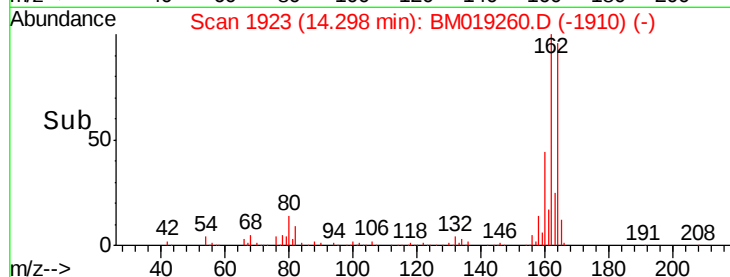
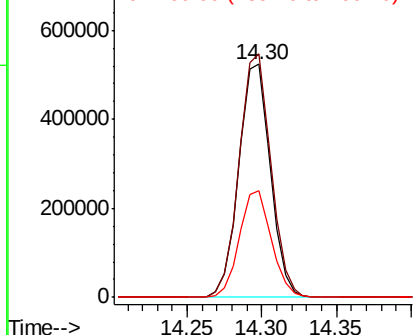


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.265 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Tgt Ion:216 Resp: 905515

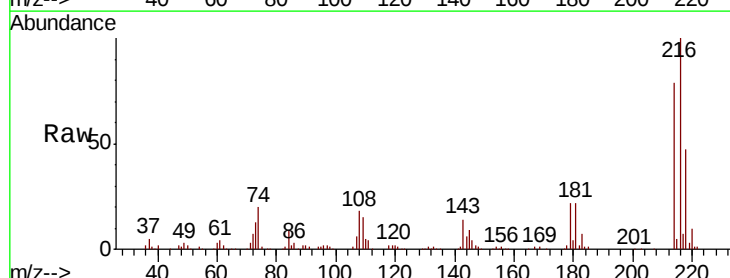
Ion Ratio Lower Upper

216 100

214 79.0 62.9 94.3

179 22.4 18.0 27.0

108 19.1 16.2 24.4



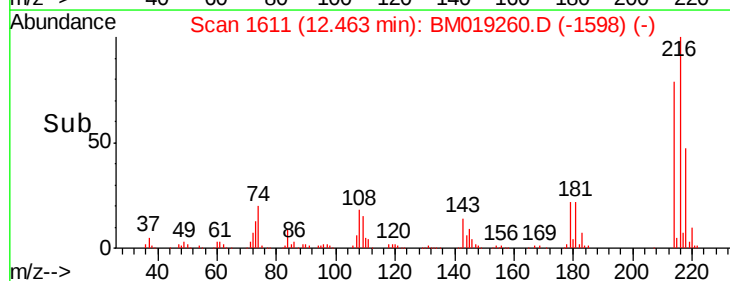
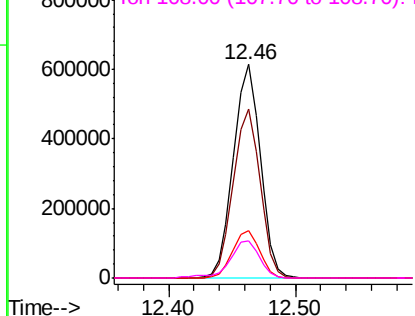
Abundance

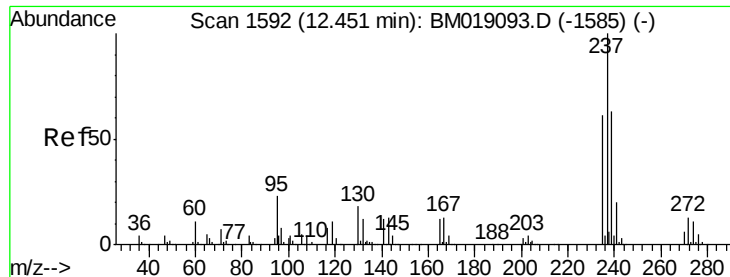
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 29.426 ng

RT: 12.43 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampled :

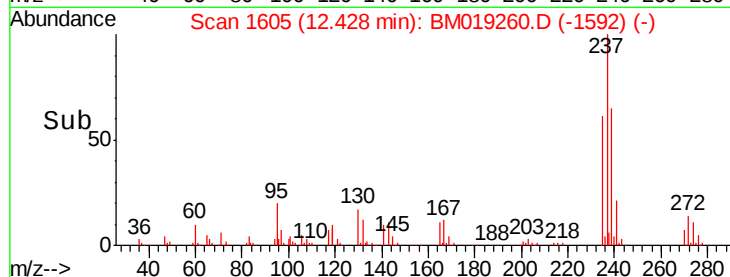
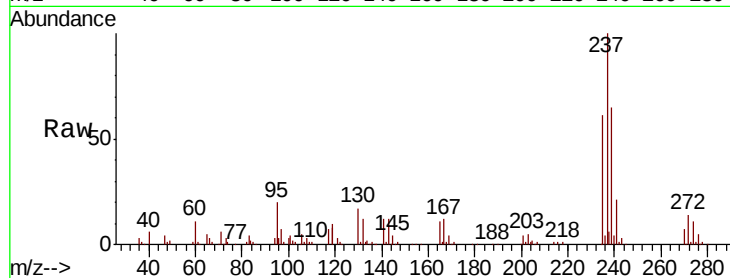
Tot Ion:237 Resp: 323884

Ion Ratio Lower Upper

237 100

235 61.5 41.3 81.3

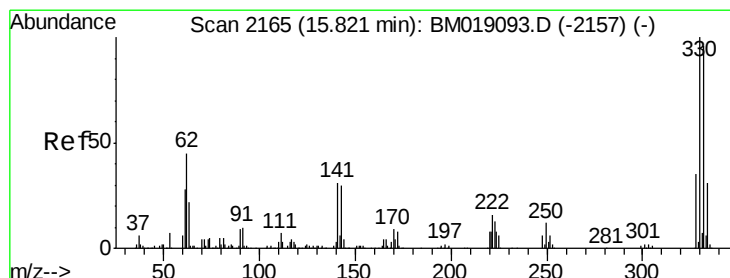
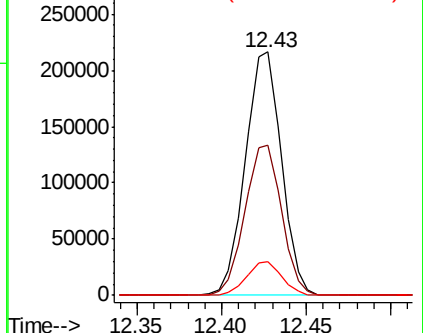
272 13.8 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.334 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

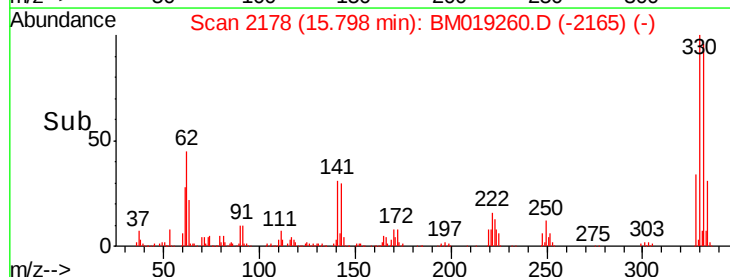
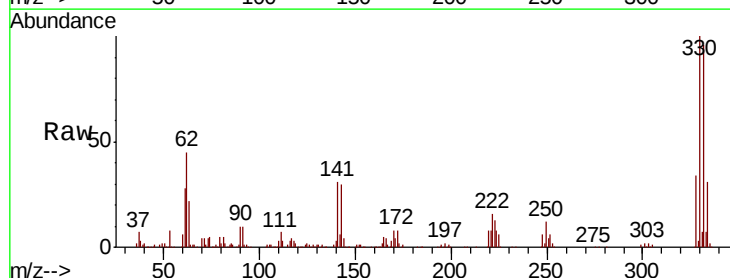
Tgt Ion:330 Resp: 911145

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

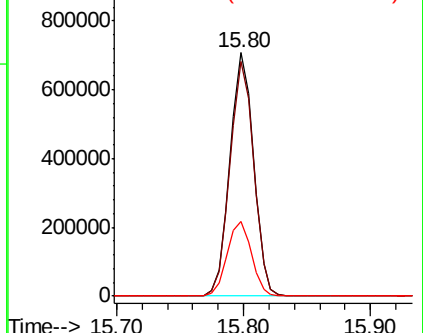
141 31.6 27.0 40.4

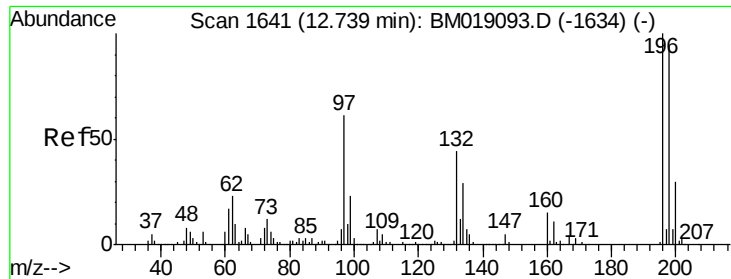


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

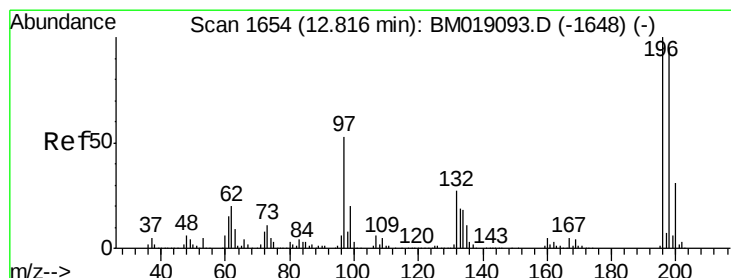
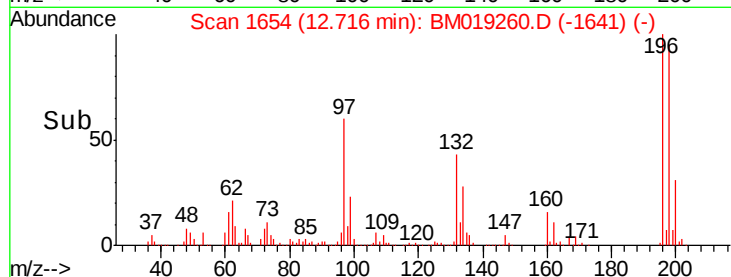
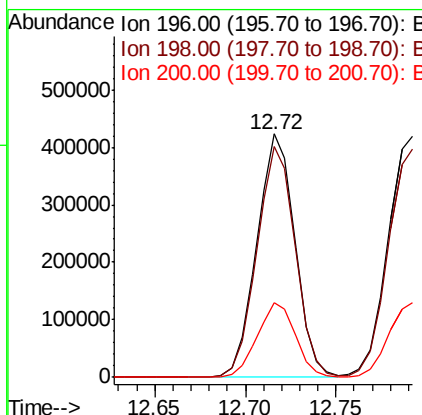
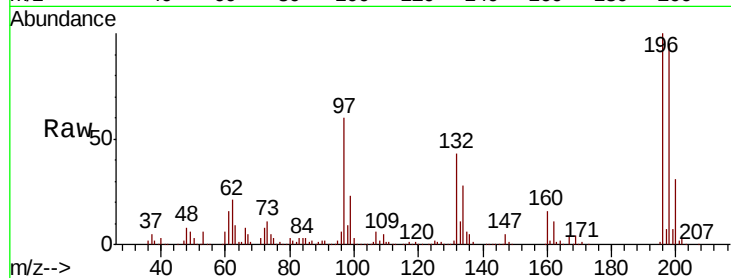




#43
 2,4,6-Trichlorophenol
 Concen: 39.448 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

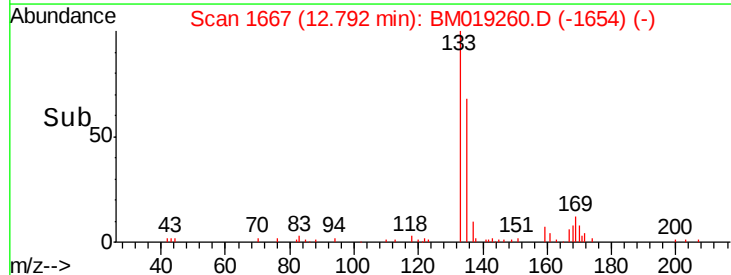
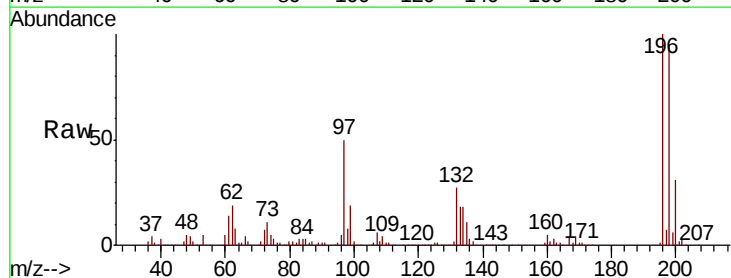
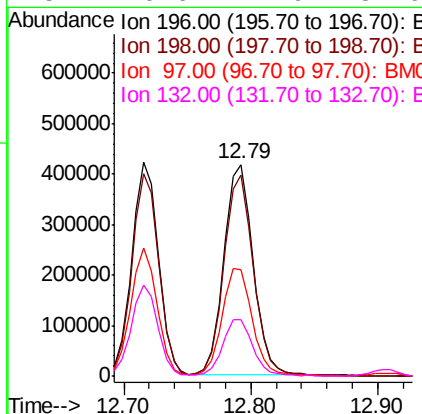
Instrument :
 BNA_M
 ClientSampled :

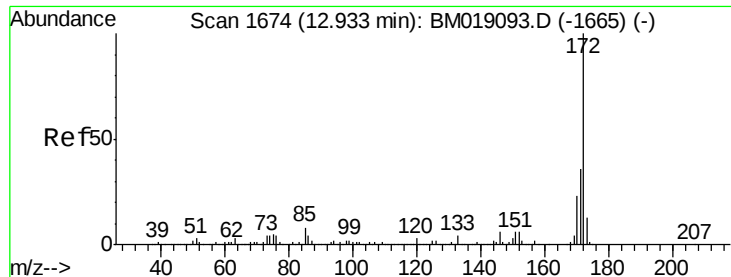
Tot Ion:196 Resp: 619473
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.4 113.0
 200 30.5 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.768 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion:196 Resp: 667790
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.9 113.9
 97 50.1 42.5 63.7
 132 26.6 21.9 32.9

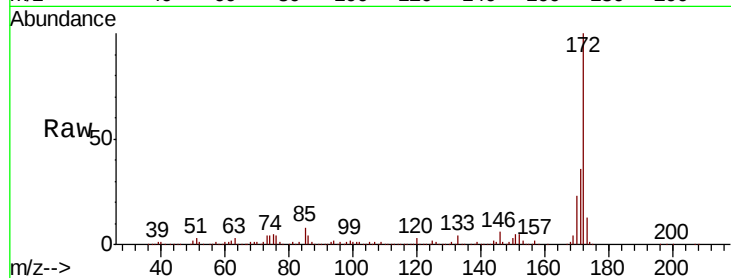




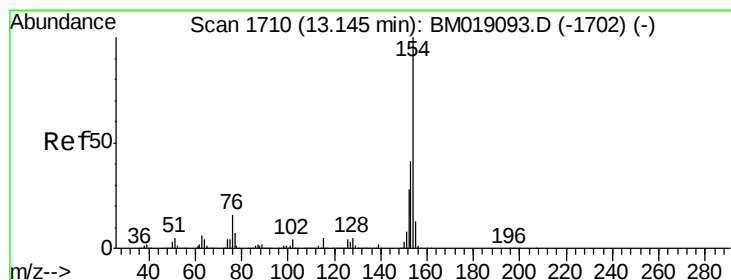
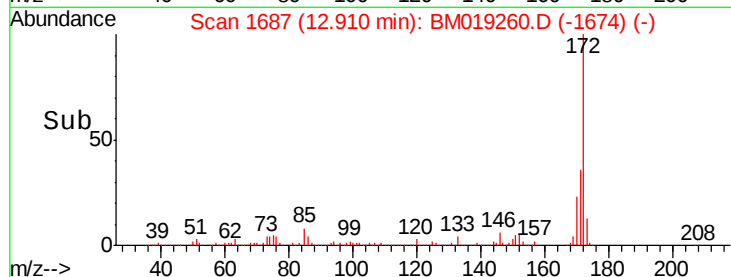
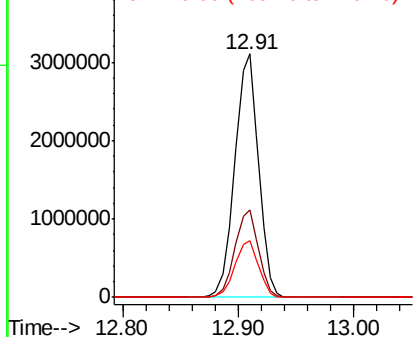
#45
2-Fluorobiphenyl
Concen: 74.351 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4390915
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 23.1 18.6 28.0

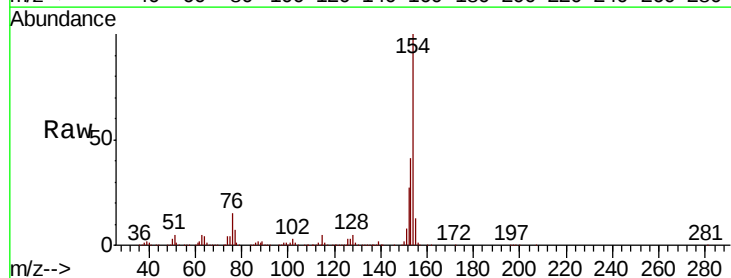


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

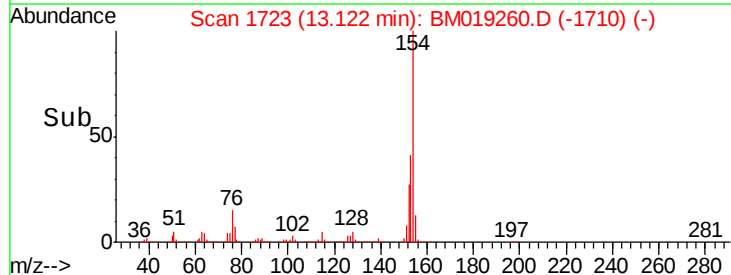
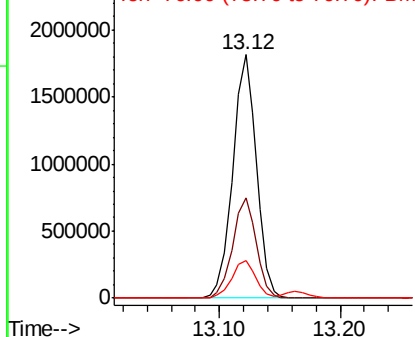


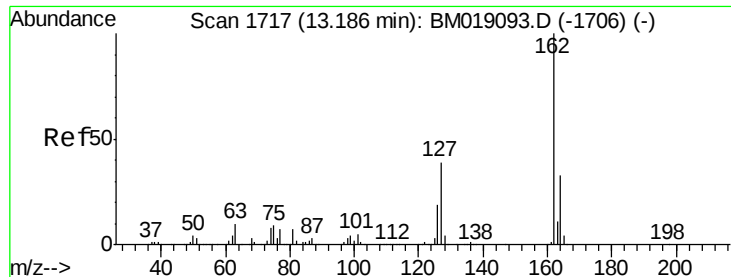
#46
1,1'-Biphenyl
Concen: 36.914 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:154 Resp: 2476444
Ion Ratio Lower Upper
154 100
153 41.2 21.5 61.5
76 15.3 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM0

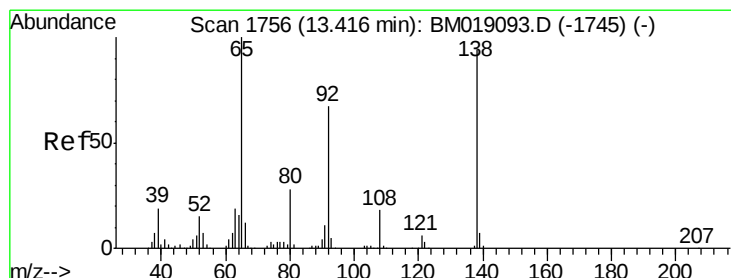
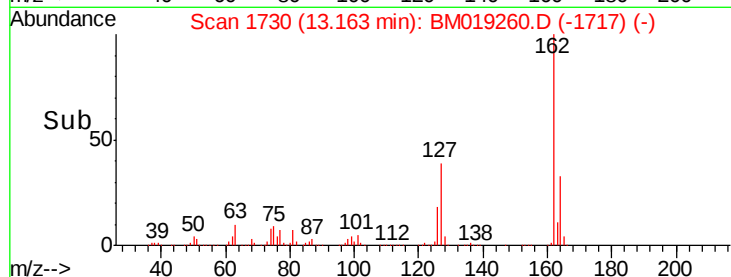
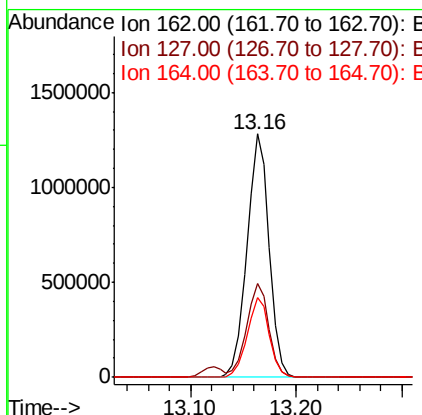
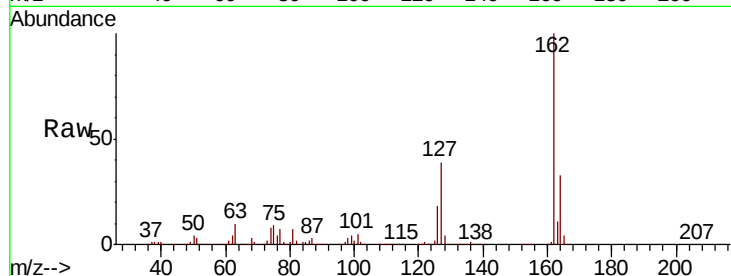




#47
2-Chloronaphthalene
Concen: 37.176 ng
RT: 13.16 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

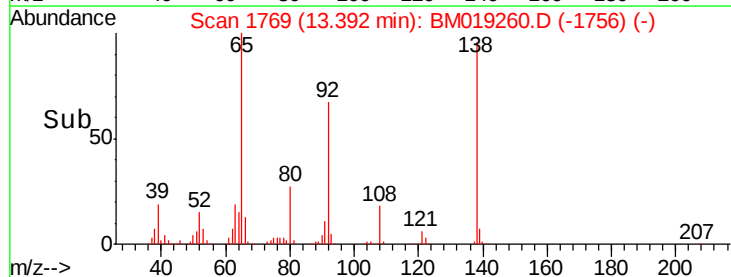
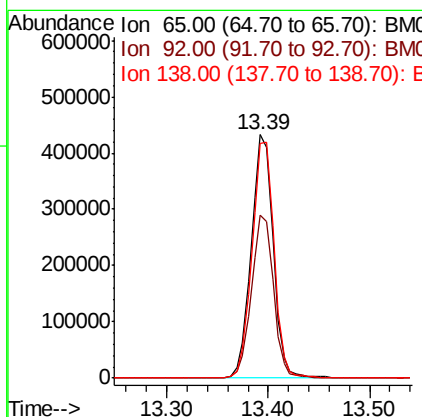
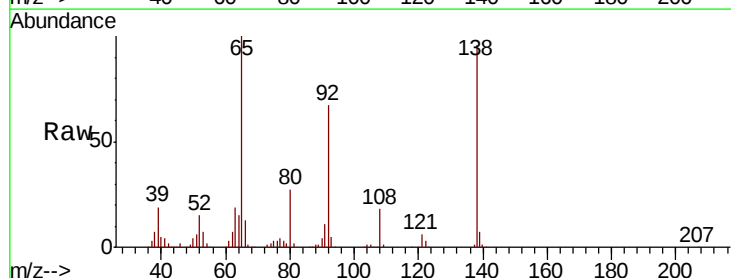
Instrument :
BNA_M
ClientSampleId :

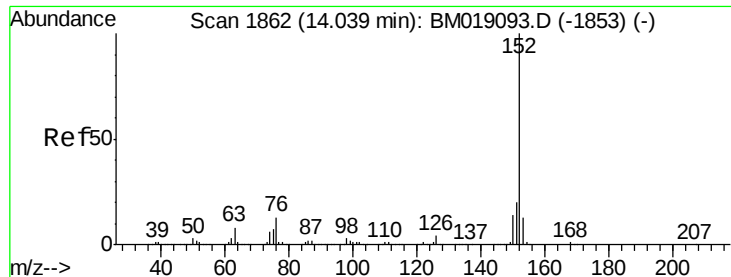
Tot Ion:162 Resp: 1861588
Ion Ratio Lower Upper
162 100
127 38.7 31.2 46.8
164 32.8 26.3 39.5



#48
2-Nitroaniline
Concen: 38.868 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion: 65 Resp: 652742
Ion Ratio Lower Upper
65 100
92 67.1 53.4 80.2
138 96.5 74.9 112.3





#49

Acenaphthylene

Concen: 37.641 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

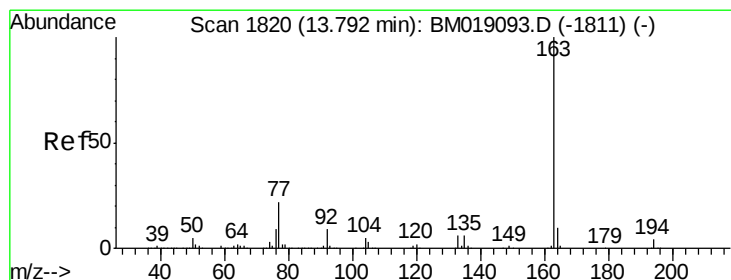
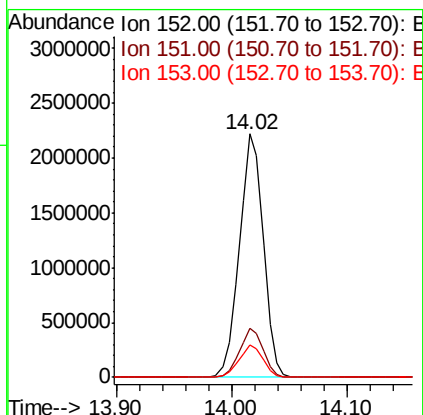
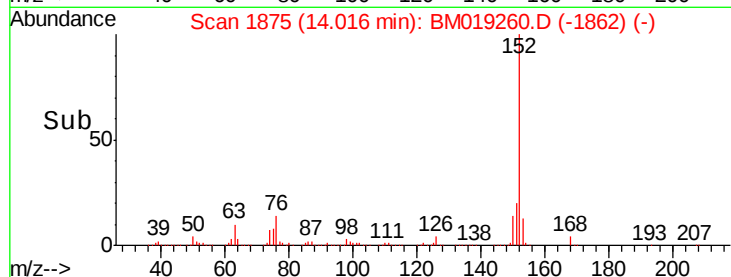
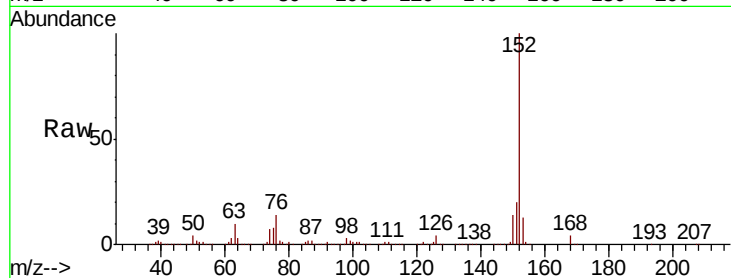
Tot Ion:152 Resp: 3187094

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 36.736 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

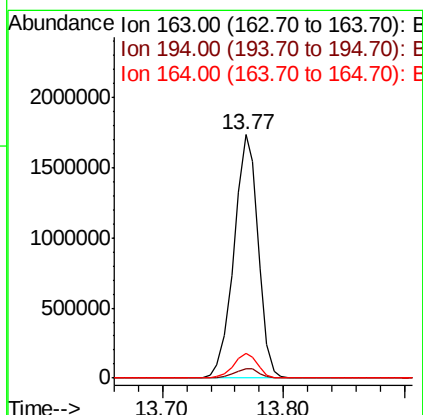
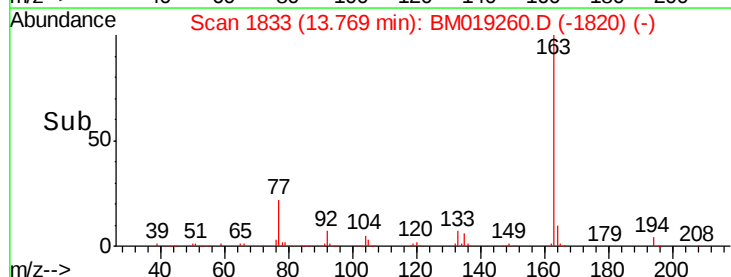
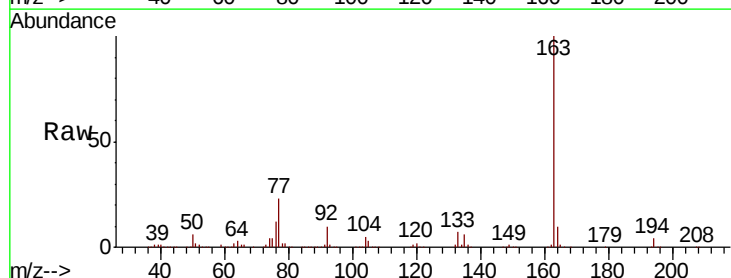
Tgt Ion:163 Resp: 2414076

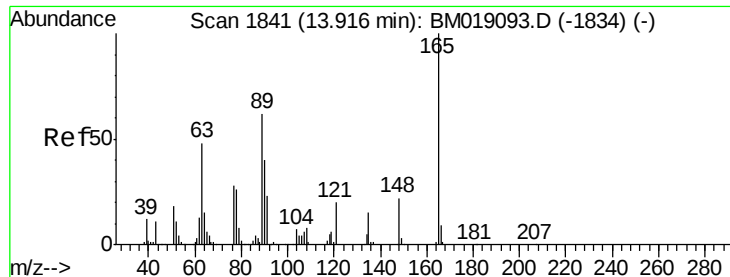
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 7.7 11.5

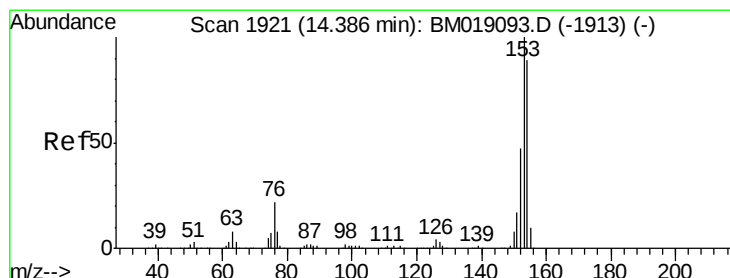
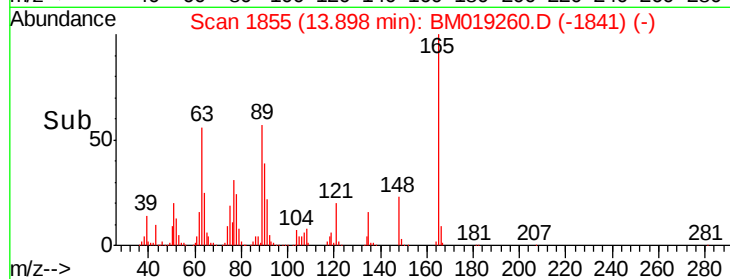
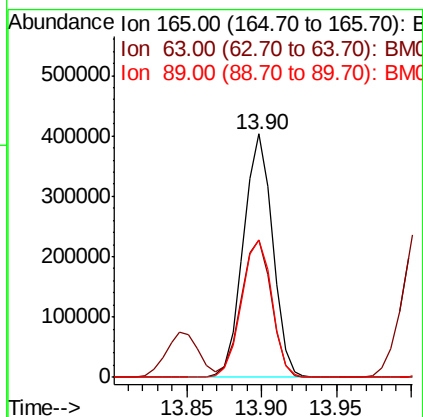
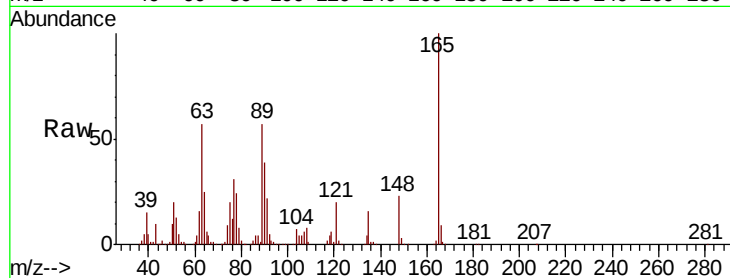




#51
2,6-Dinitrotoluene
Concen: 38.469 ng
RT: 13.90 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

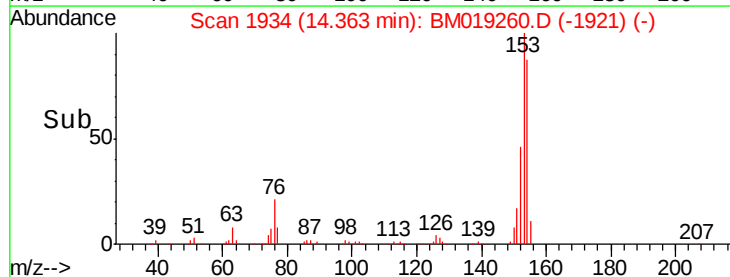
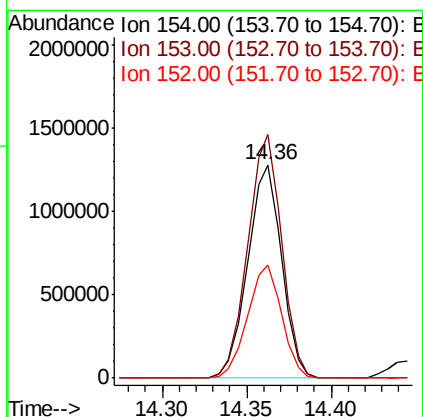
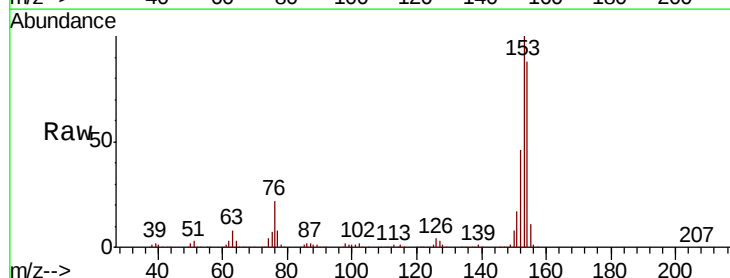
Instrument :
BNA_M
ClientSampled :

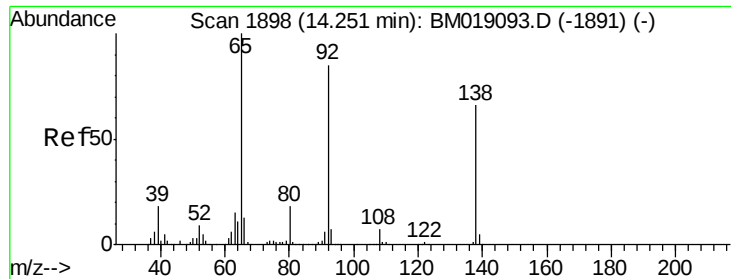
Tot Ion:165 Resp: 546474
Ion Ratio Lower Upper
165 100
63 56.6 48.2 72.4
89 56.6 49.3 73.9



#52
Acenaphthene
Concen: 36.770 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:154 Resp: 1788942
Ion Ratio Lower Upper
154 100
153 114.2 90.1 135.1
152 53.0 42.5 63.7

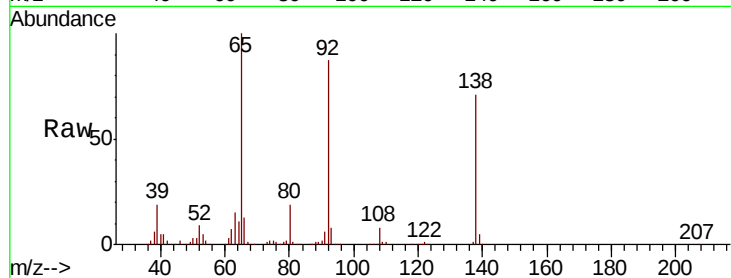




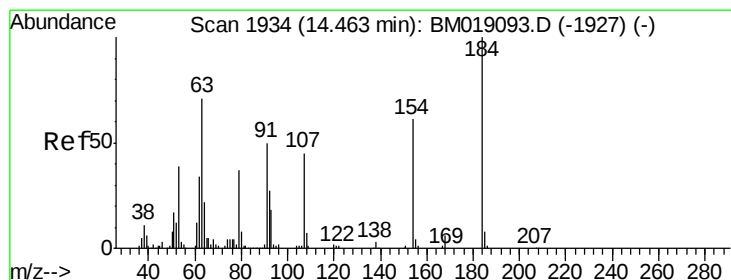
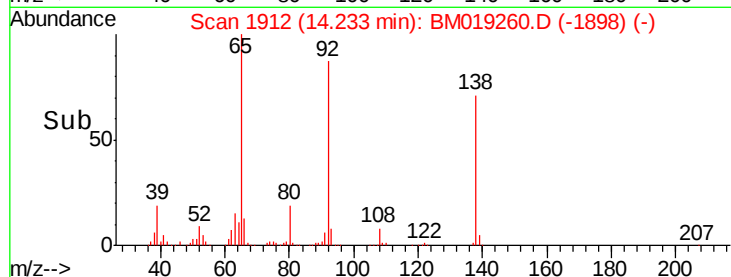
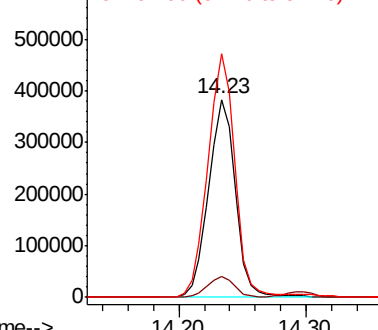
#53
3-Nitroaniline
Concen: 37.337 ng
RT: 14.23 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 561749
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 123.2 102.6 153.8

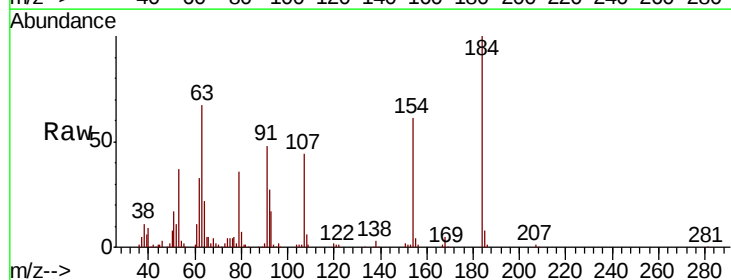


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

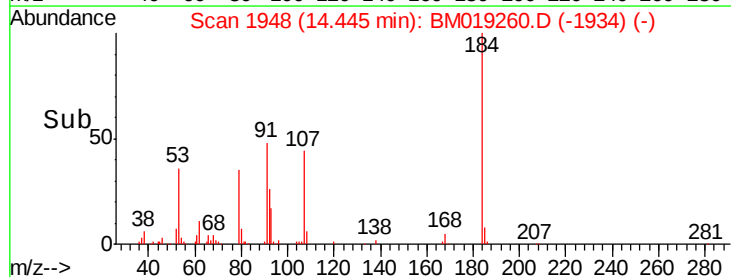
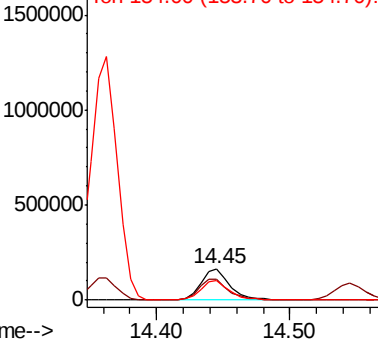


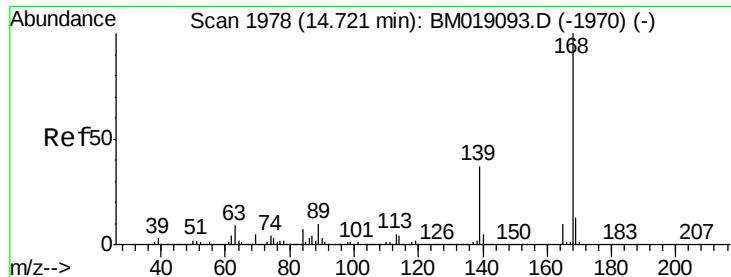
#54
2,4-Dinitrophenol
Concen: 30.401 ng
RT: 14.45 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:184 Resp: 250802
Ion Ratio Lower Upper
184 100
63 66.6 56.7 85.1
154 60.9 49.3 73.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

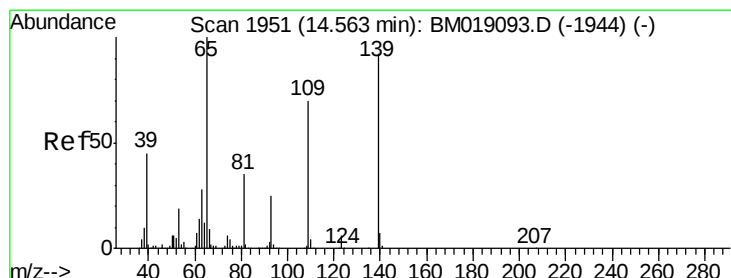
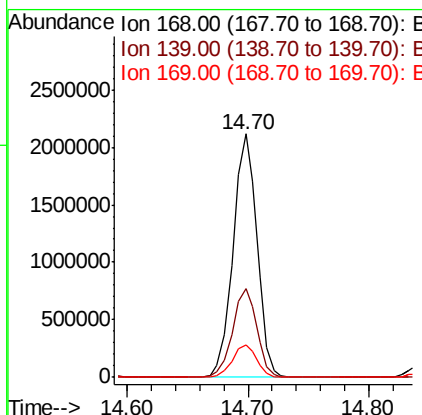
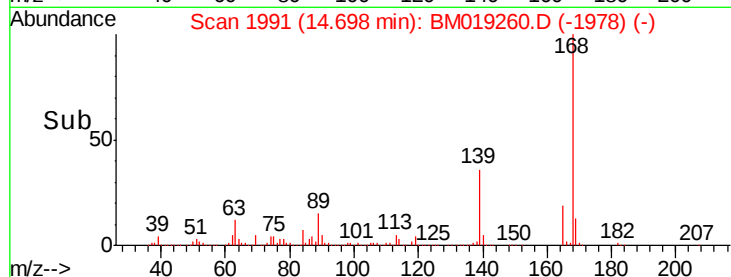
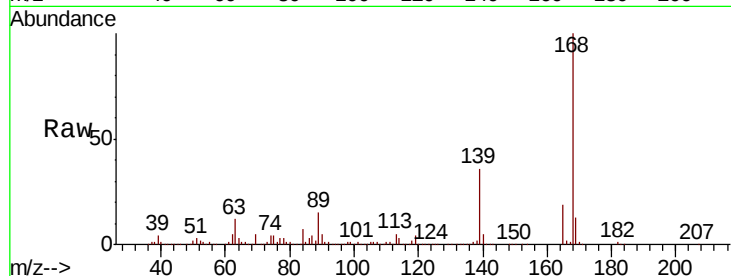




#55
Dibenzofuran
Concen: 37.198 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

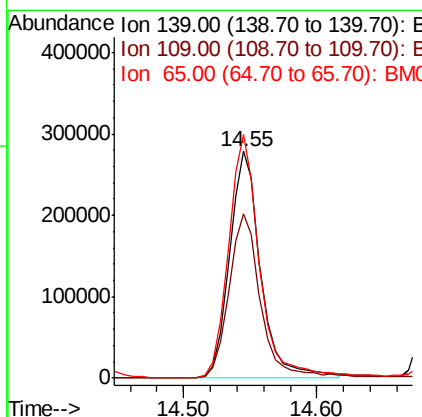
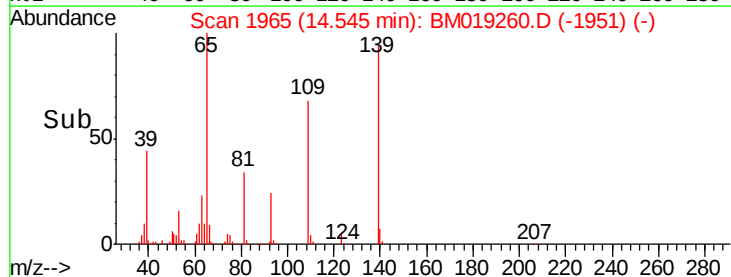
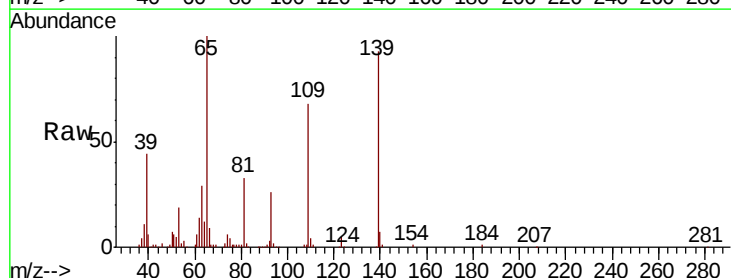
Instrument :
BNA_M
ClientSampleId :

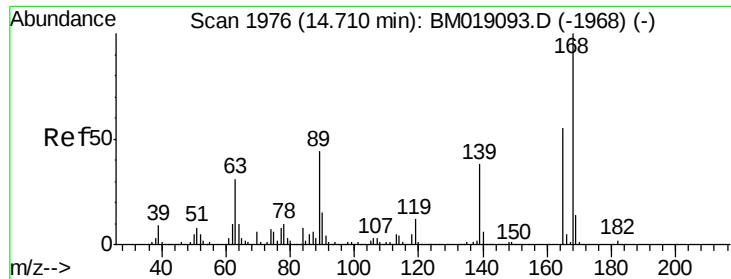
Tot Ion:168 Resp: 2918576
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 36.708 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:139 Resp: 450924
Ion Ratio Lower Upper
139 100
109 72.7 56.3 96.3
65 107.5 89.2 129.2

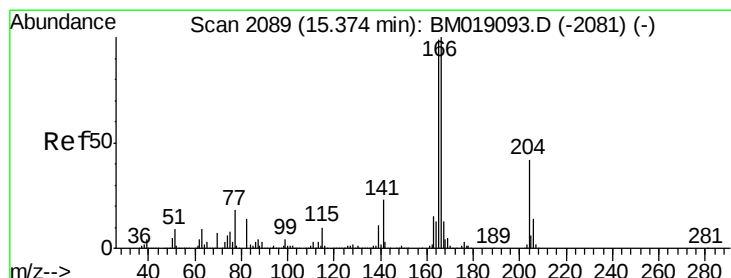
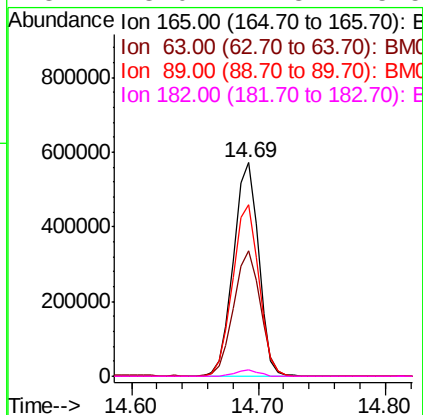
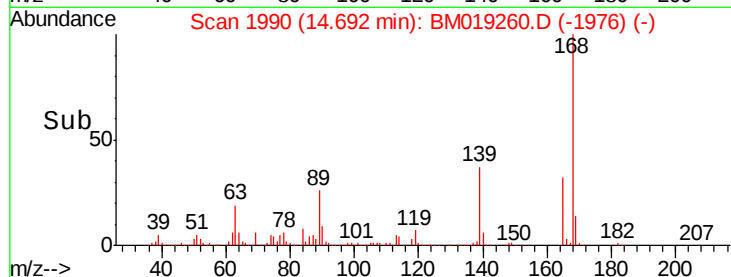
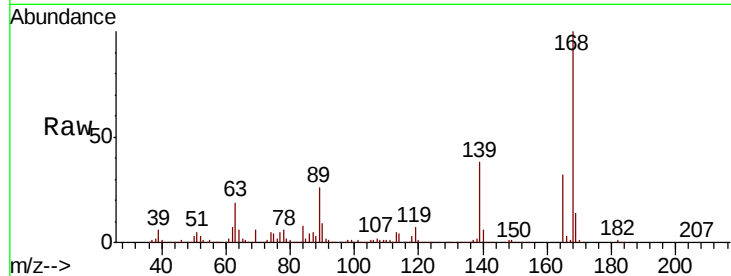




#57
 2,4-Dinitrotoluene
 Concen: 38.056 ng
 RT: 14.69 min Scan# 1990
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

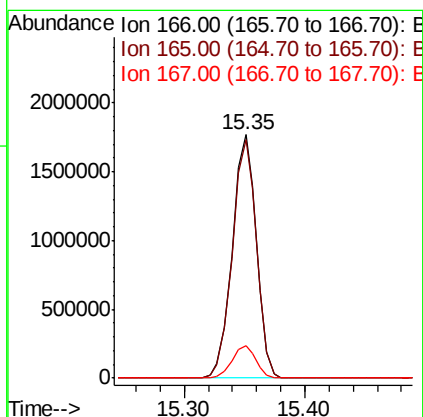
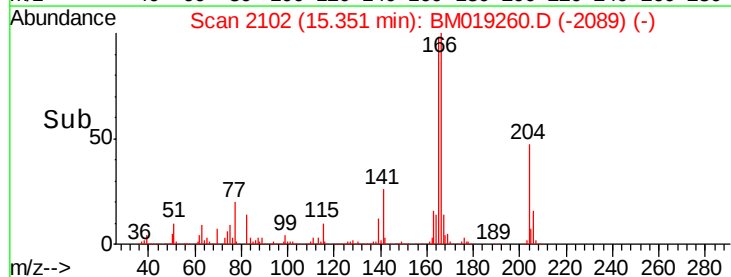
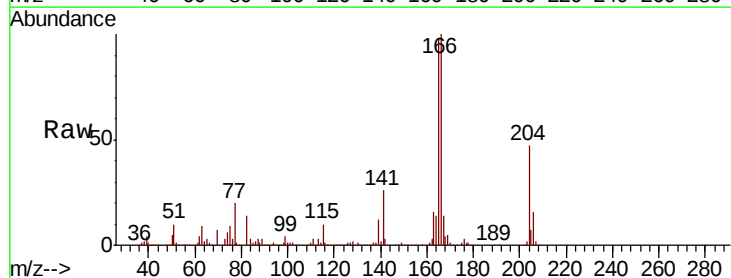
Instrument :
 BNA_M
 ClientSampleId :

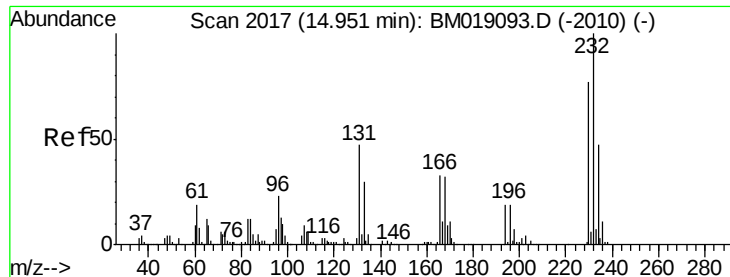
Tot Ion:	165	Resp:	784740
Ion	Ratio	Lower	Upper
165	100		
63	58.8	44.7	67.1
89	80.5	63.4	95.2
182	3.0	2.3	3.5



#58
 Fluorene
 Concen: 37.922 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion:	166	Resp:	2452526
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.4
167	13.5	10.8	16.2

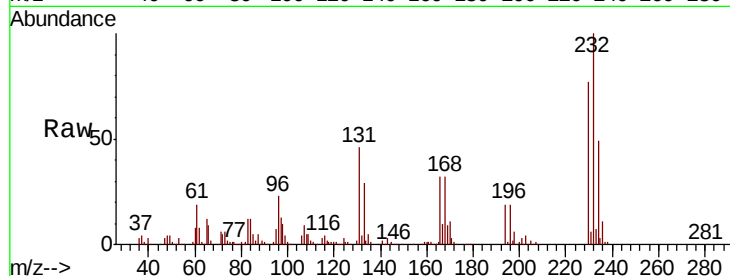




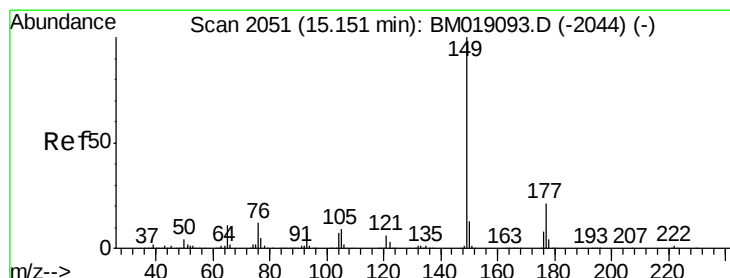
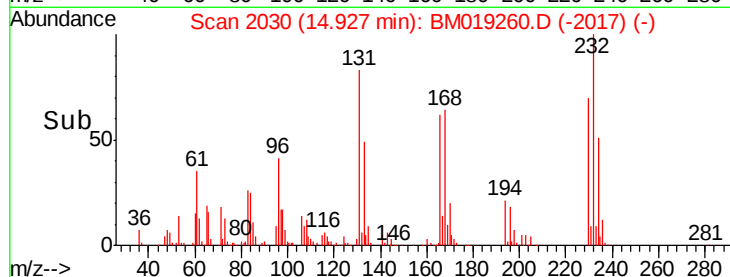
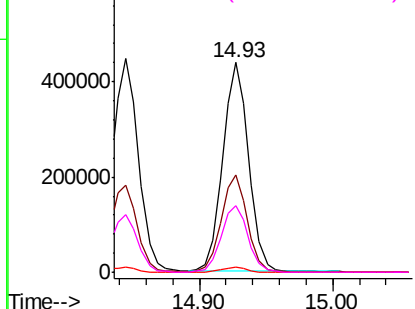
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.215 ng
 RT: 14.93 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 597415
 Ion Ratio Lower Upper
 232 100
 131 46.7 38.2 57.2
 130 2.4 1.9 2.9
 166 33.3 27.0 40.4

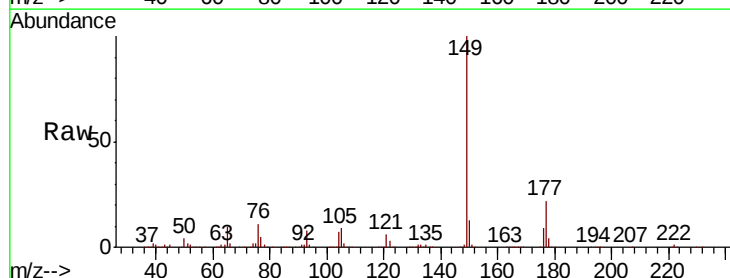


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

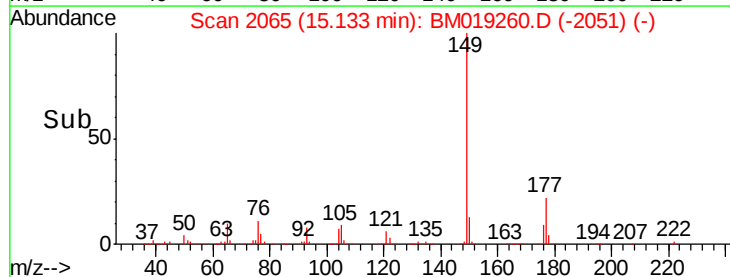
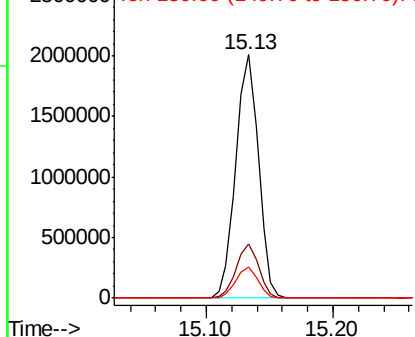


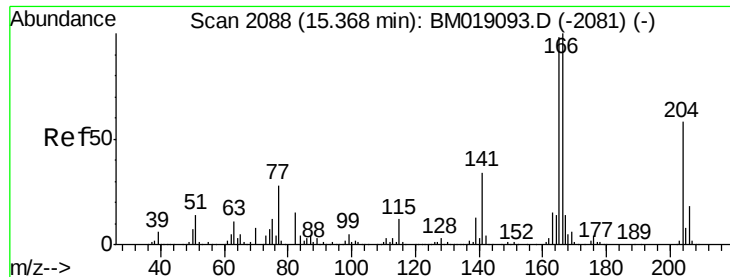
#60
 Diethylphthalate
 Concen: 37.232 ng
 RT: 15.13 min Scan# 2065
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion:149 Resp: 2477957
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.0 25.6
 150 12.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

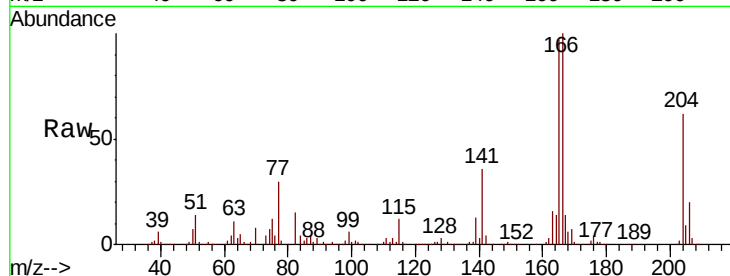




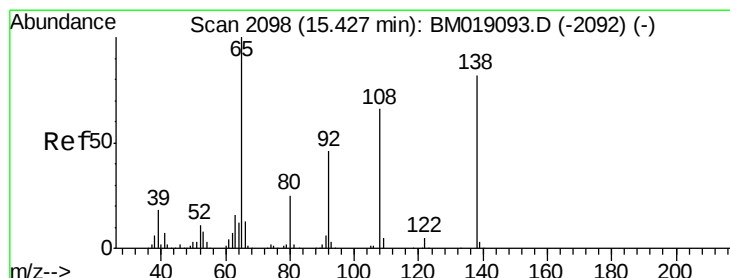
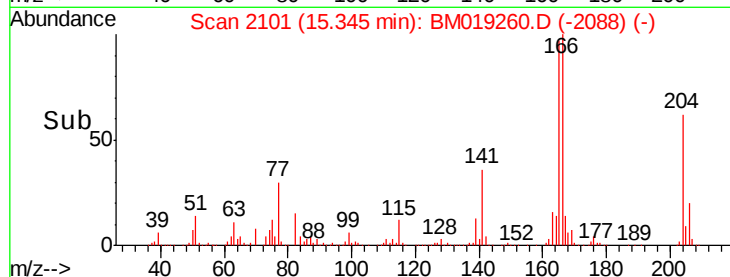
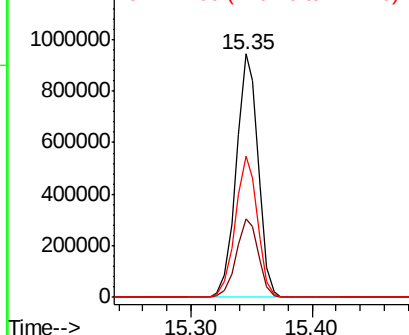
#61
 4-Chlorophenyl-phenylether
 Concen: 38.014 ng
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:204 Resp: 1194055
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.5 38.3
 141 57.8 47.8 71.8

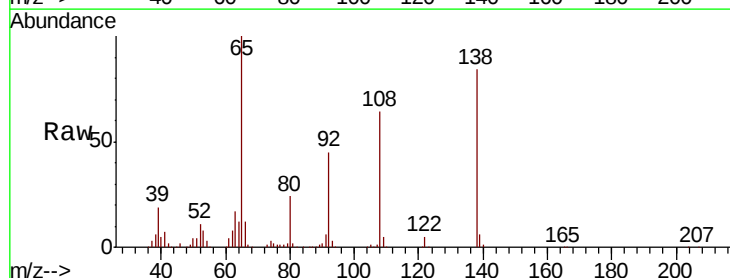


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

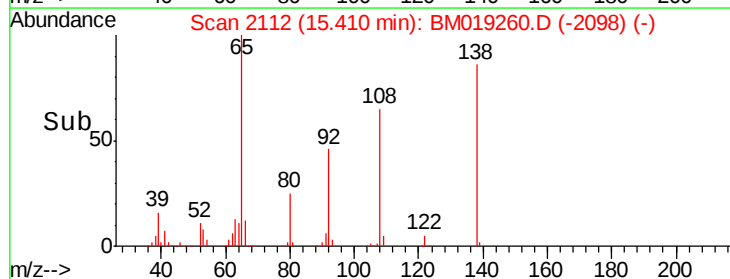
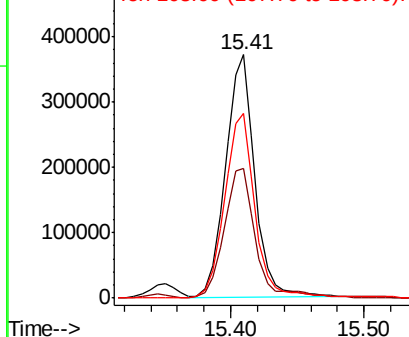


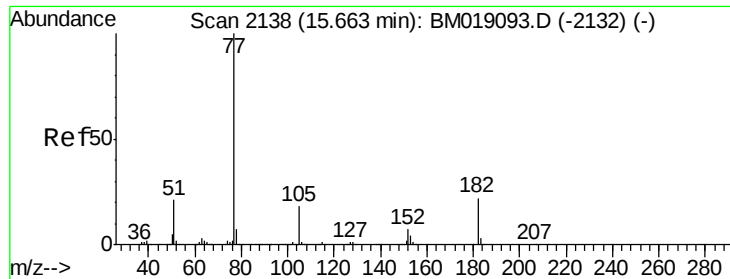
#62
 4-Nitroaniline
 Concen: 37.215 ng
 RT: 15.41 min Scan# 2112
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion:138 Resp: 564279
 Ion Ratio Lower Upper
 138 100
 92 53.3 36.2 76.2
 108 76.0 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.722 ng

RT: 15.64 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2641809

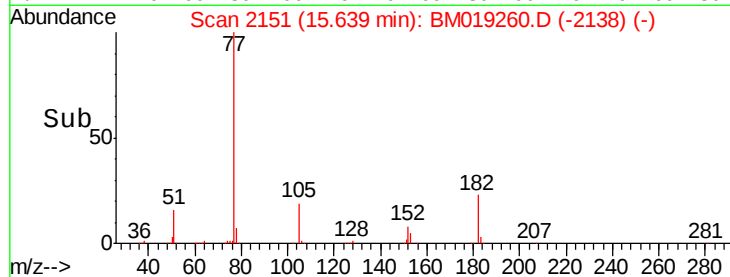
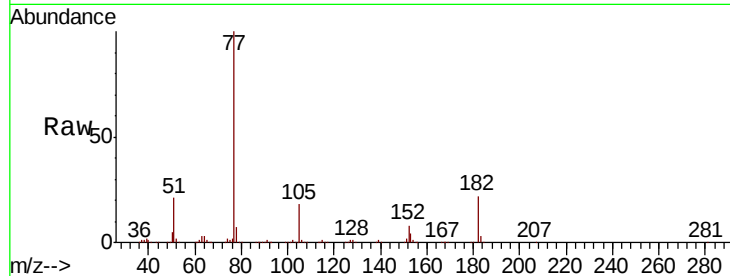
Ion Ratio Lower Upper

77 100

182 21.6 1.8 41.8

105 18.1 0.0 38.3

51 20.9 0.8 40.8

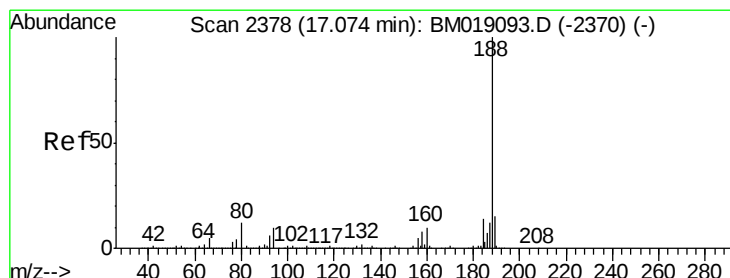
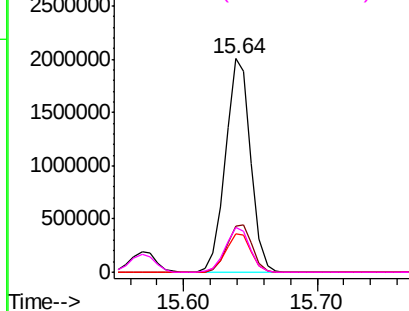


Abundance Ion 77.00 (76.70 to 77.70): BM019260.D (-2138) (-)

Ion 182.00 (181.70 to 182.70): BM019260.D (-2138) (-)

Ion 105.00 (104.70 to 105.70): BM019260.D (-2138) (-)

Ion 51.00 (50.70 to 51.70): BM019260.D (-2138) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

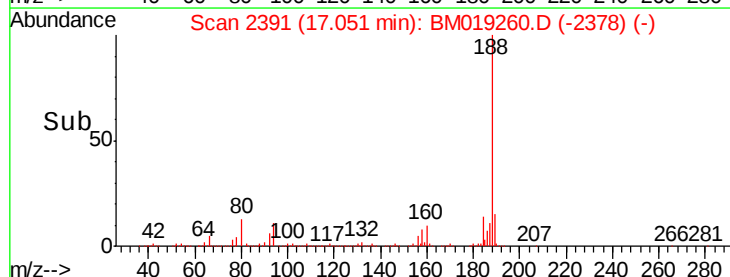
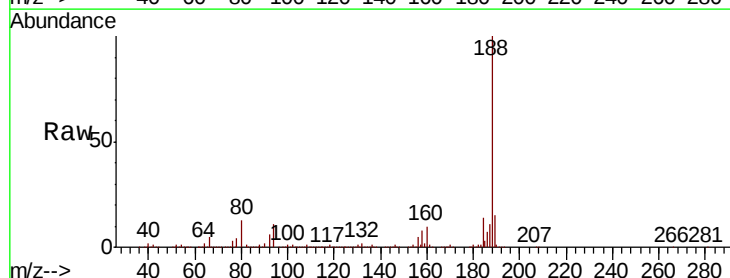
Tgt Ion: 188 Resp: 1701525

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

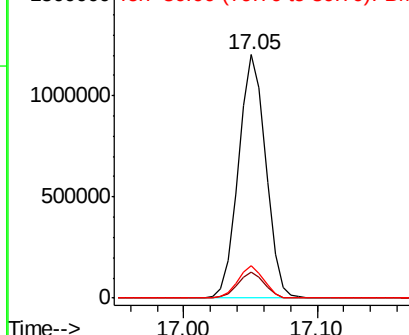
80 13.1 9.7 14.5

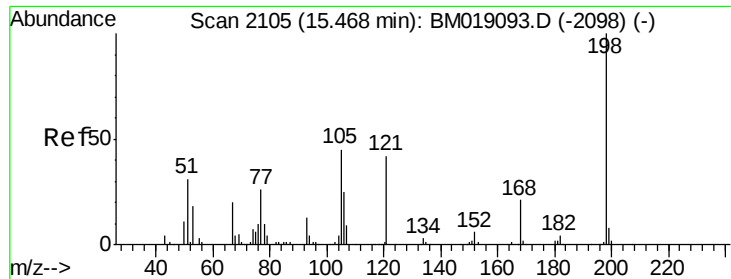


Abundance Ion 188.00 (187.70 to 188.70): BM019260.D (-2378) (-)

Ion 94.00 (93.70 to 94.70): BM019260.D (-2378) (-)

Ion 80.00 (79.70 to 80.70): BM019260.D (-2378) (-)

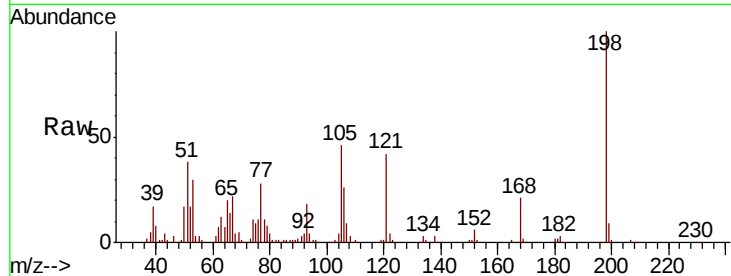




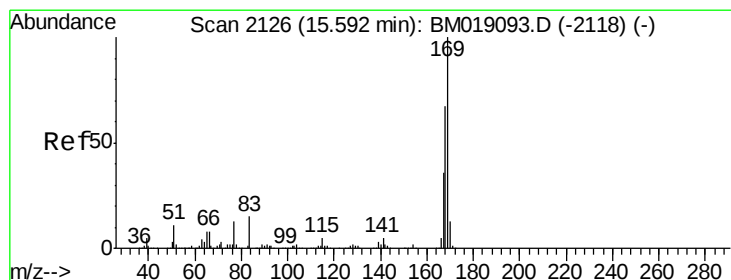
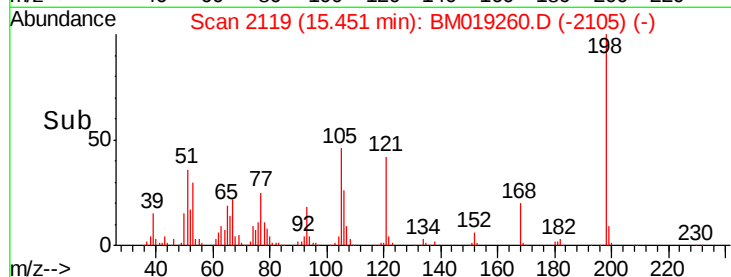
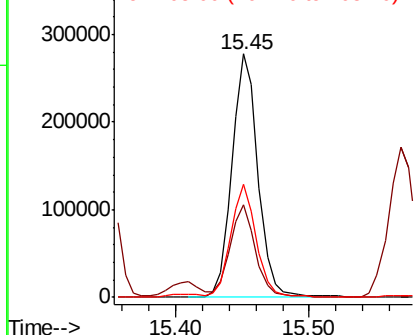
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.840 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 377322
 Ion Ratio Lower Upper
 198 100
 51 37.9 17.3 57.3
 105 46.2 26.2 66.2

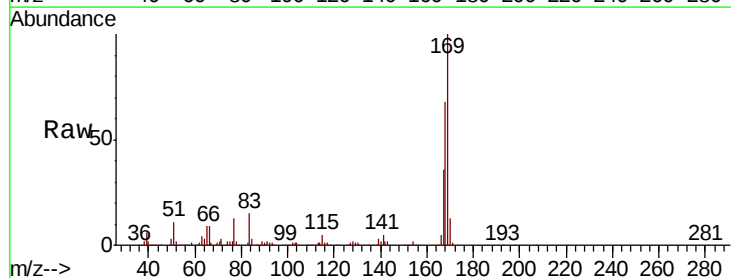


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

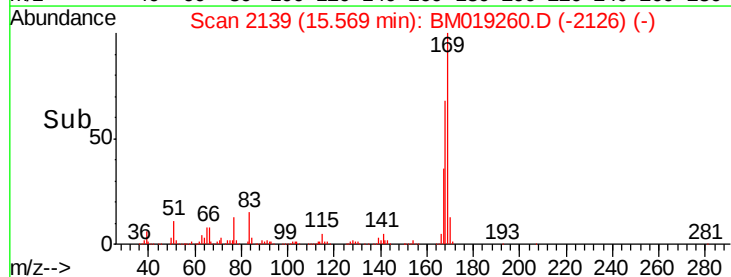
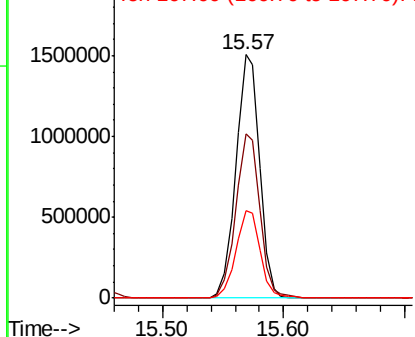


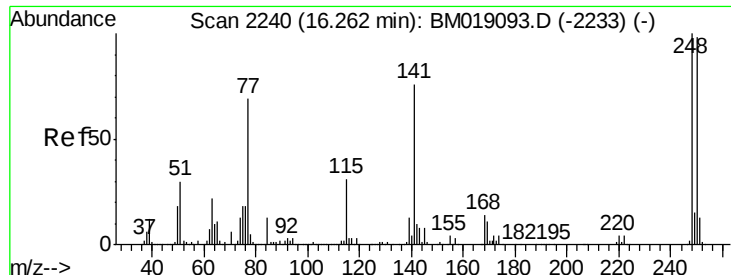
#66
 n-Nitrosodiphenylamine
 Concen: 37.941 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion:169 Resp: 2055281
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.9 80.9
 167 36.1 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



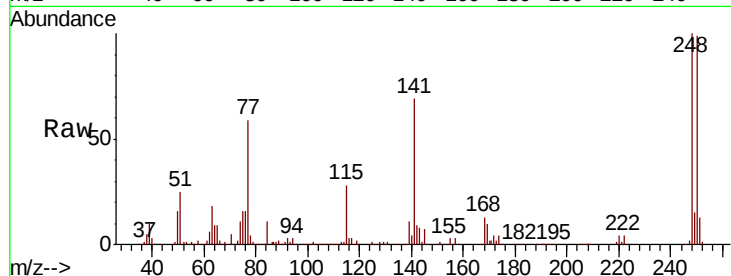


#67
 4-Bromophenyl-phenylether
 Concen: 38.552 ng
 RT: 16.24 min Scan# 2254
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

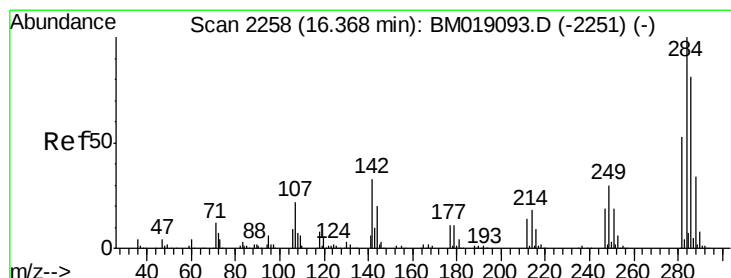
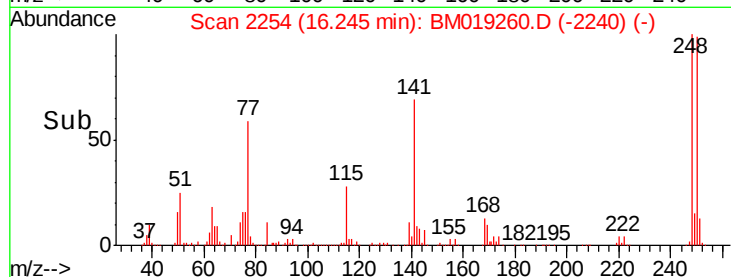
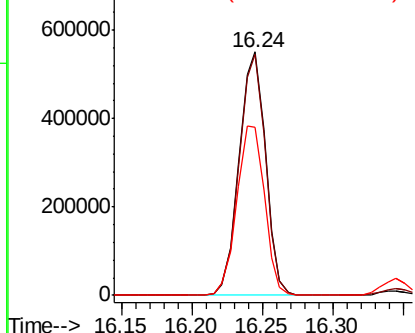
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:248 Resp: 723377

Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.0	117.0
141	69.2	61.0	91.4



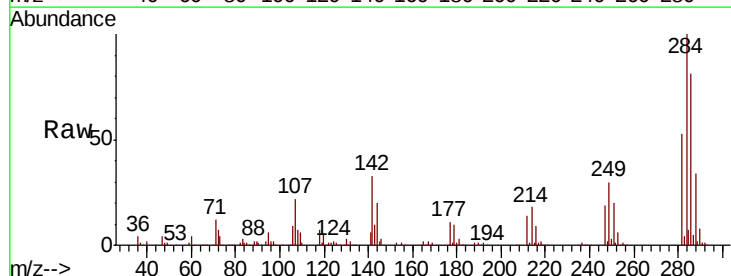
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



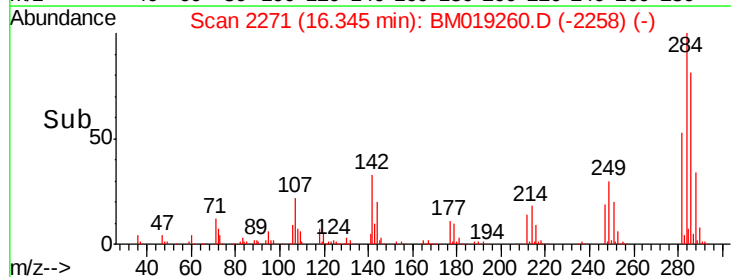
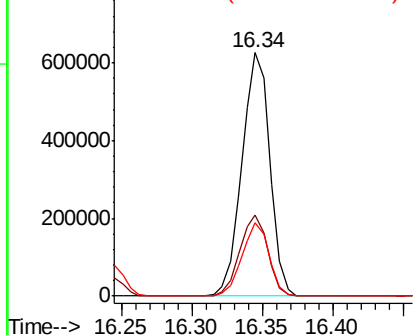
#68
 Hexachlorobenzene
 Concen: 38.655 ng
 RT: 16.34 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

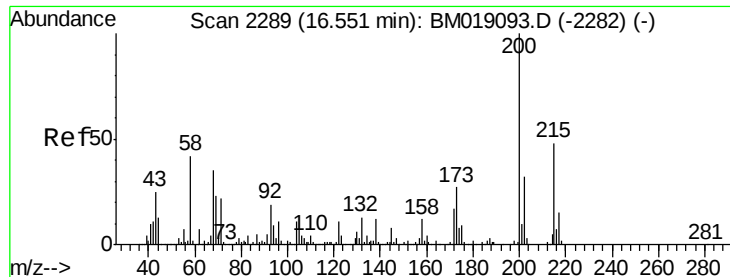
Tgt Ion:284 Resp: 862297

Ion	Ratio	Lower	Upper
284	100		
142	33.3	26.3	39.5
249	30.2	24.1	36.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 37.391 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

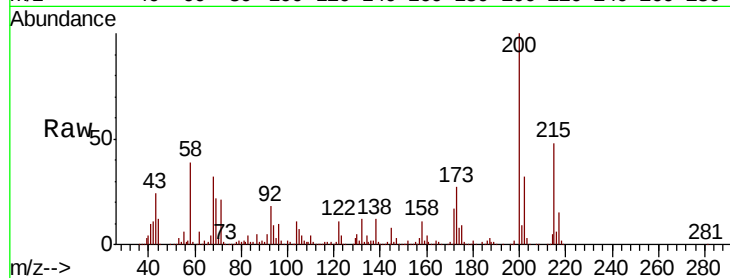
Tot Ion:200 Resp: 681837

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

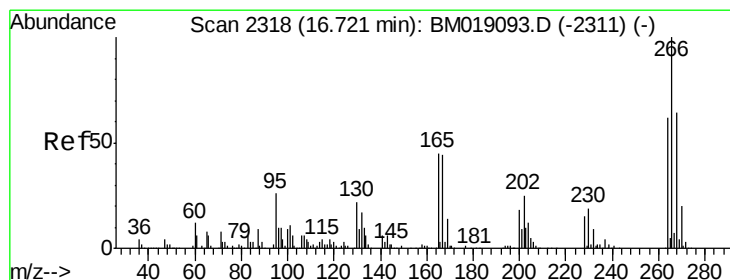
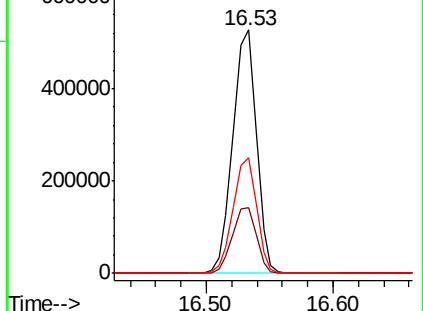
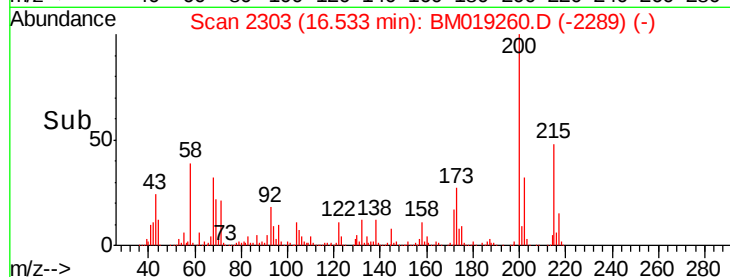
215 47.7 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.171 ng

RT: 16.70 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

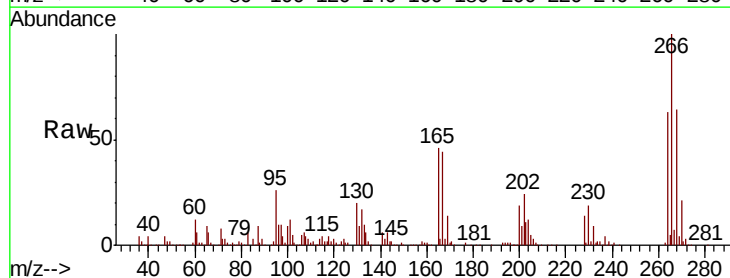
Tgt Ion:266 Resp: 499589

Ion Ratio Lower Upper

266 100

268 64.3 51.3 76.9

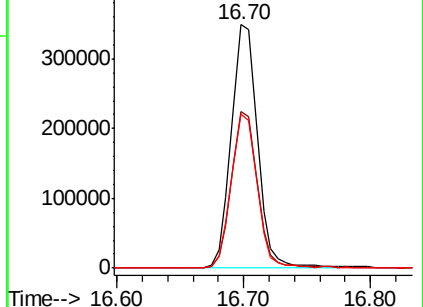
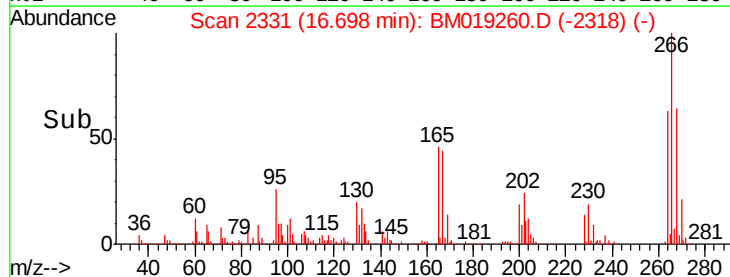
264 63.5 50.0 75.0

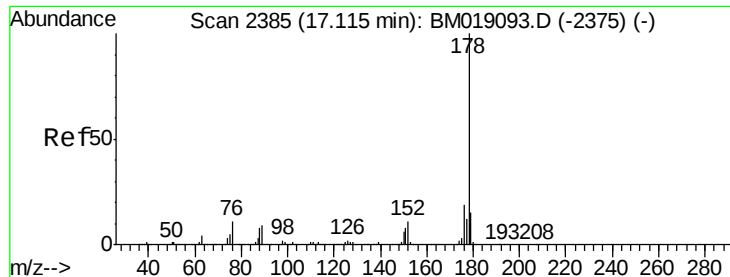


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

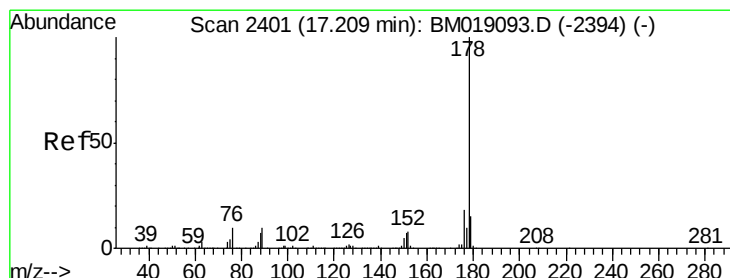
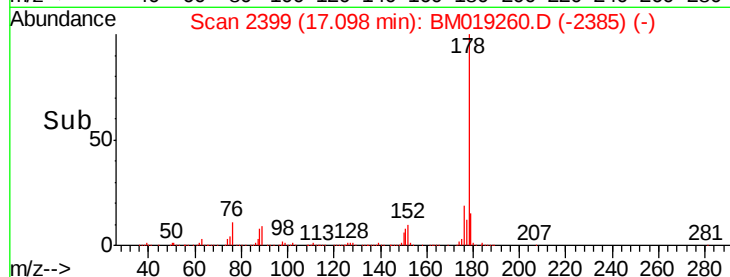
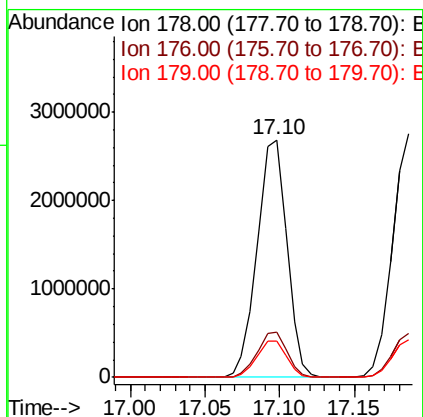
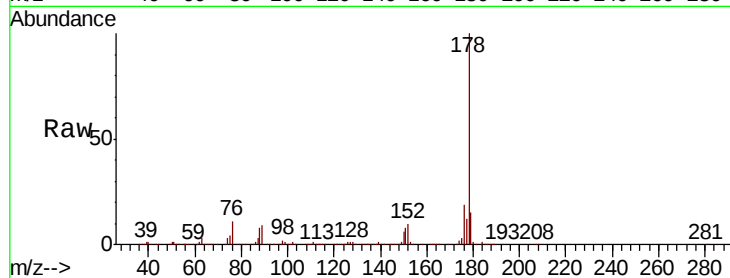




#71
Phenanthrene
Concen: 37.088 ng
RT: 17.10 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

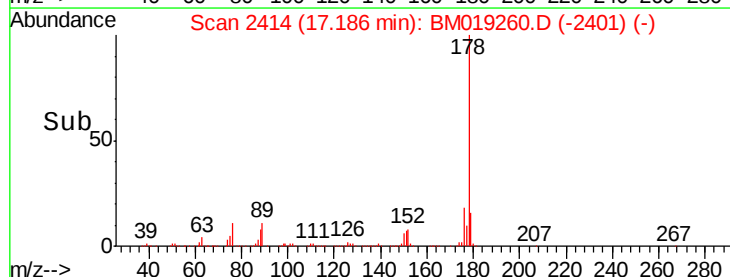
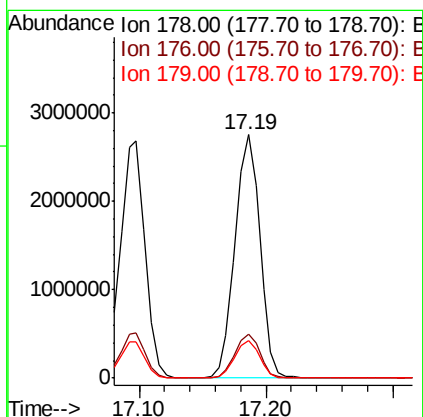
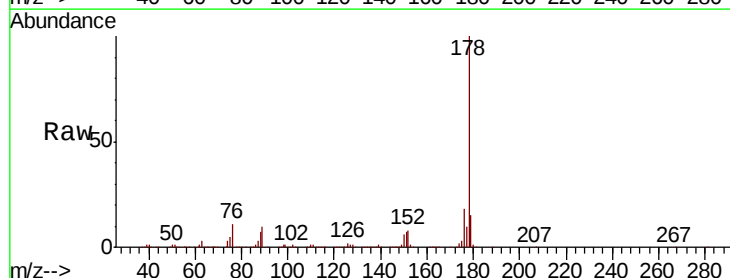
Instrument :
BNA_M
ClientSampleId :

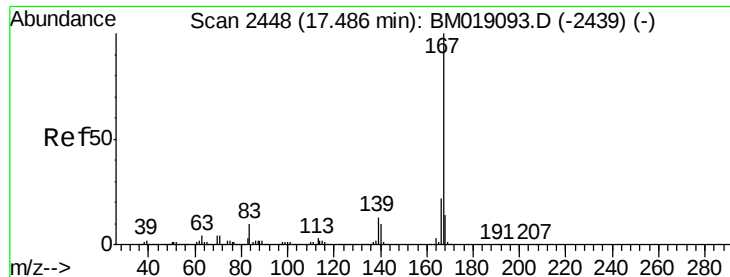
Tot Ion:178 Resp: 3698844
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.5 12.2 18.2



#72
Anthracene
Concen: 38.225 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:178 Resp: 3732076
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 11.9 17.9

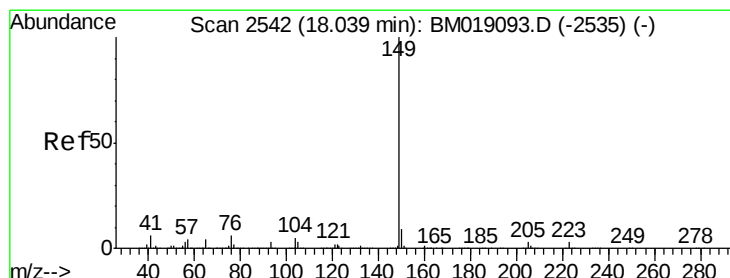
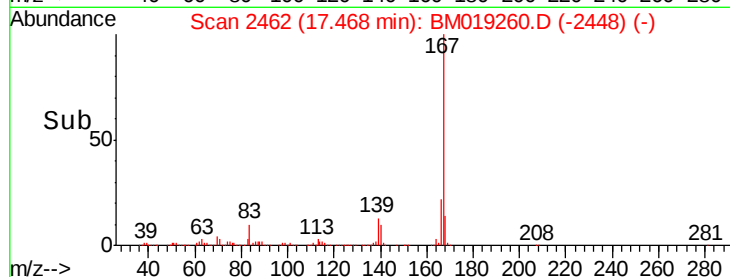
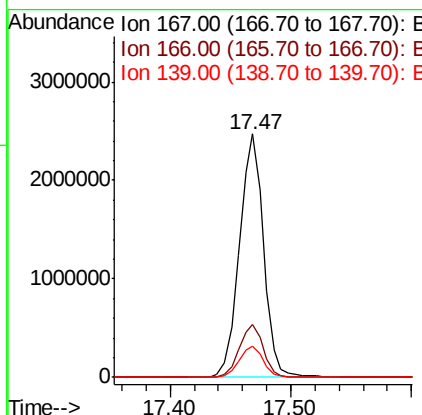
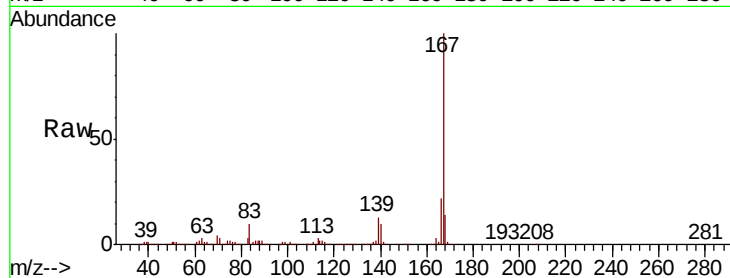




#73
 Carbazole
 Concen: 37.302 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

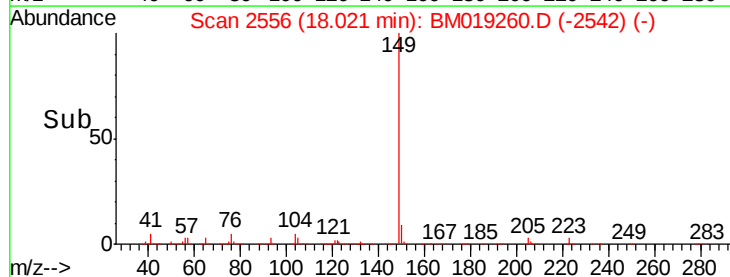
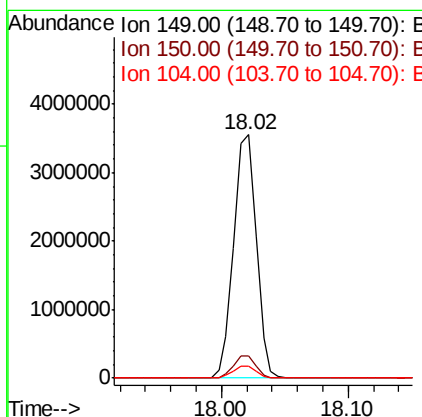
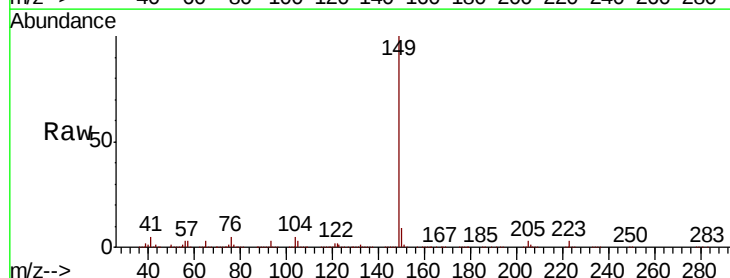
Instrument :
 BNA_M
 ClientSampleId :

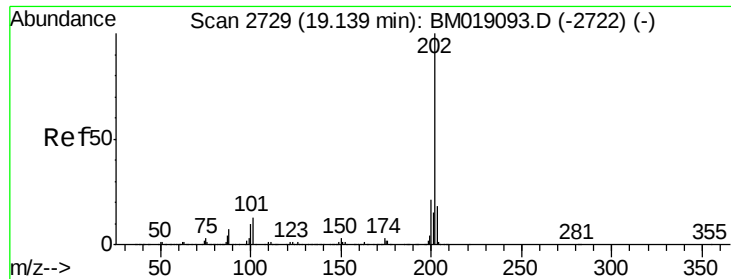
Tot Ion:167 Resp: 3437401
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 12.9 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 39.278 ng
 RT: 18.02 min Scan# 2556
 Delta R.T. -0.02 min
 Lab File: BM019260.D
 Acq: 20 Mar 2019 09:07

Tgt Ion:149 Resp: 4376885
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 36.262 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

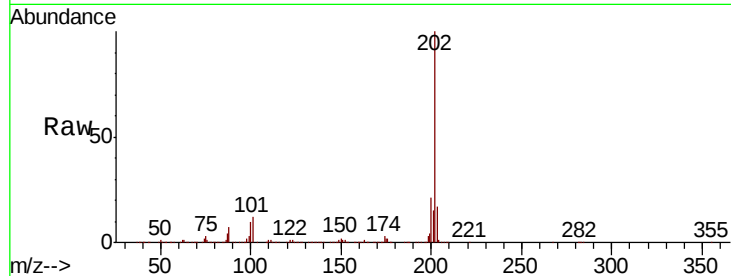
Tot Ion:202 Resp: 4149775

Ion Ratio Lower Upper

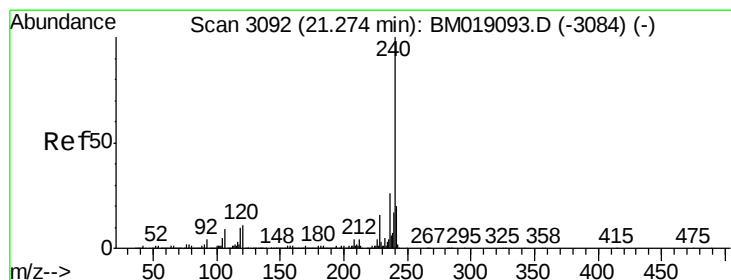
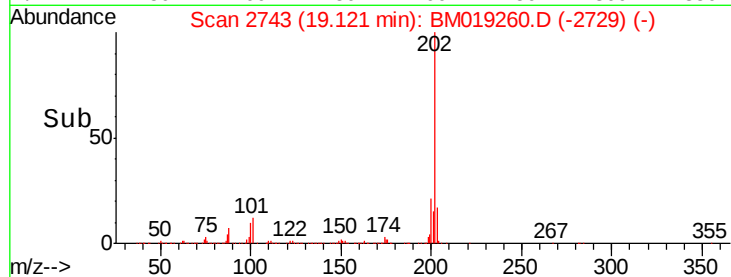
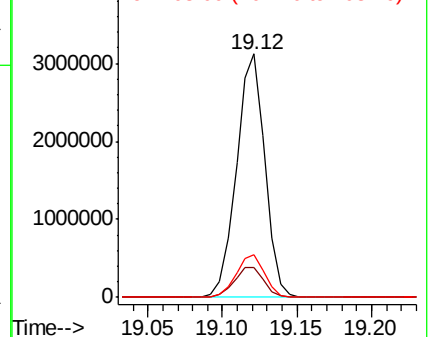
202 100

101 12.5 0.0 33.0

203 17.5 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

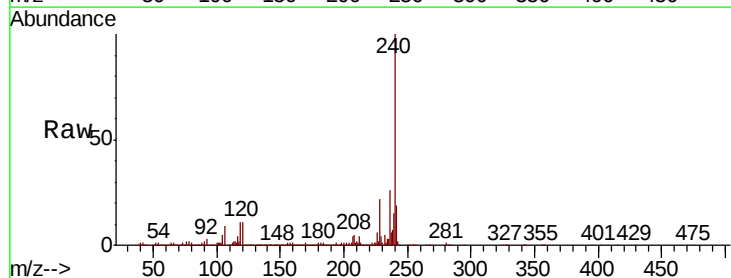
Tgt Ion:240 Resp: 1589936

Ion Ratio Lower Upper

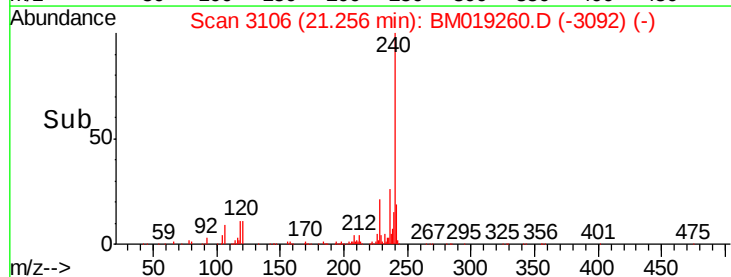
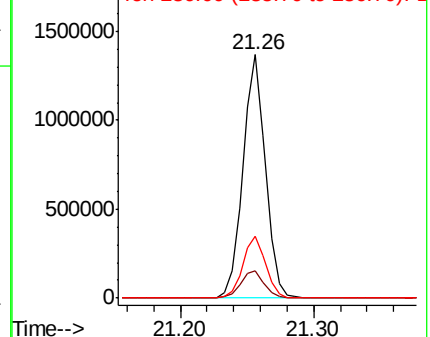
240 100

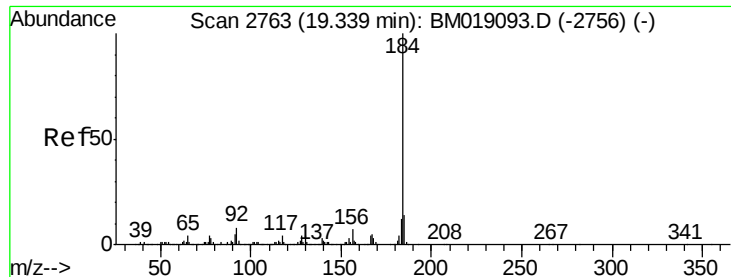
120 11.2 8.9 13.3

236 25.6 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.776 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

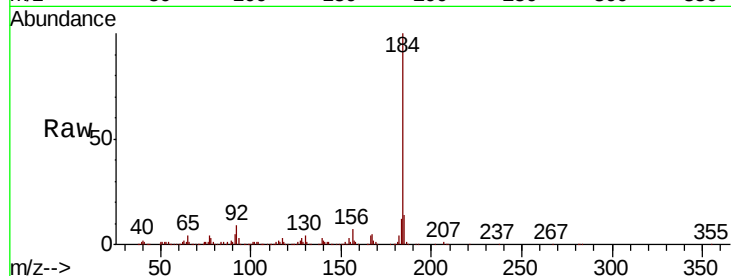
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1568089

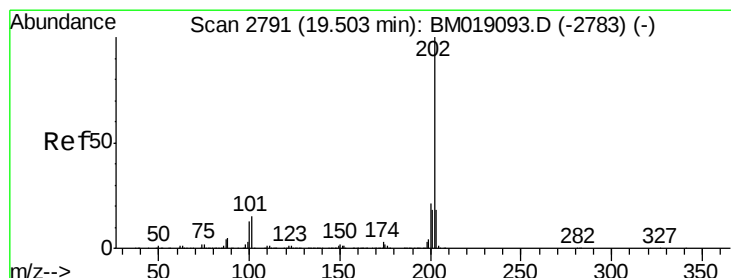
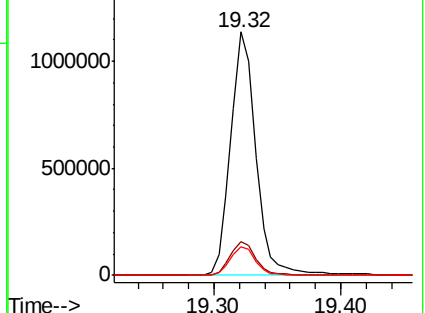
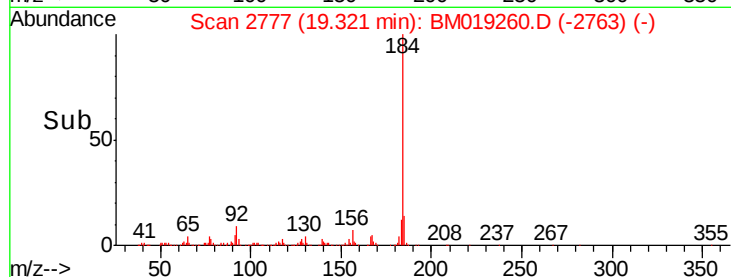
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.0	16.4
183	12.0	9.8	14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.284 ng

RT: 19.49 min Scan# 2805

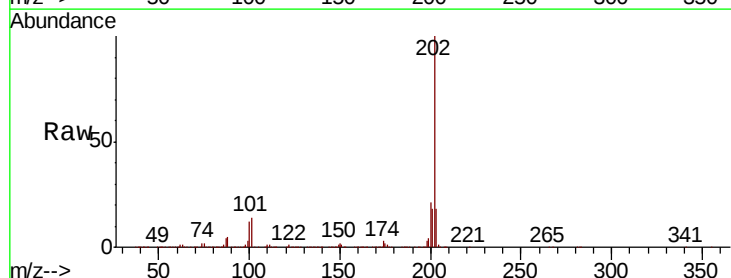
Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Tgt Ion:202 Resp: 4253663

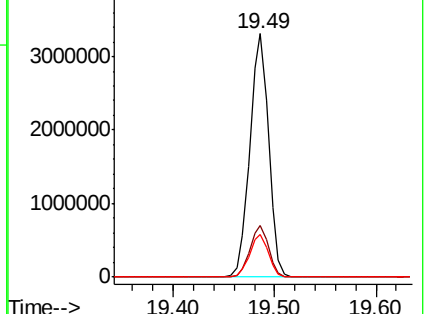
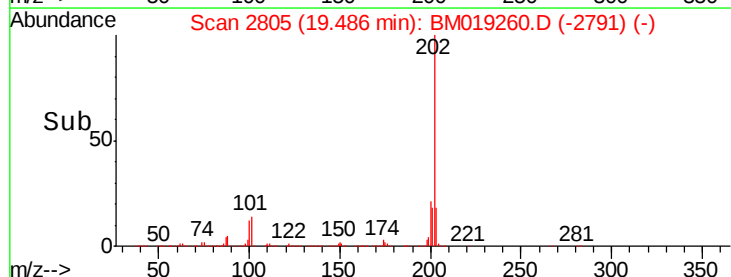
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	14.0	21.0

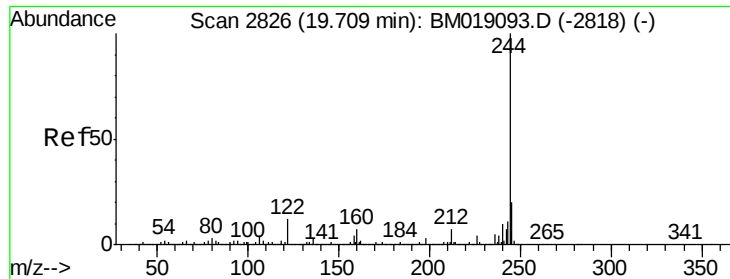


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.847 ng

RT: 19.69 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

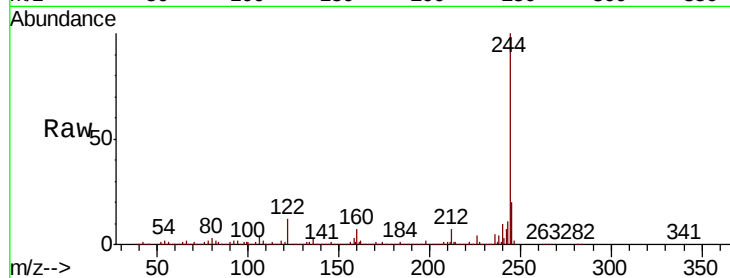
Tot Ion:244 Resp: 6955433

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

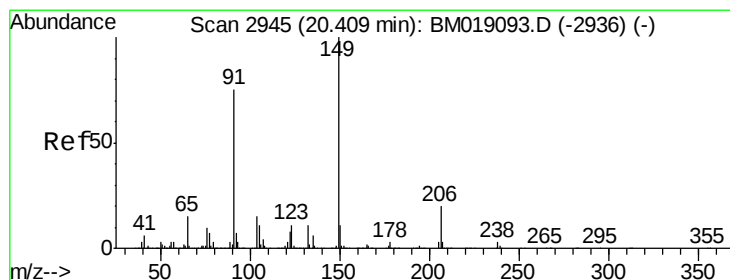
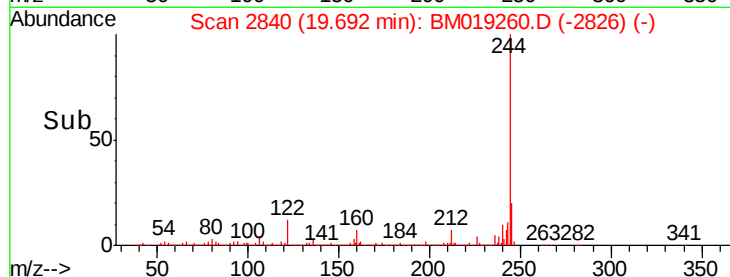
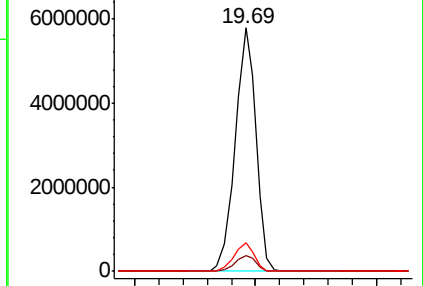
122 11.7 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.886 ng

RT: 20.39 min Scan# 2959

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

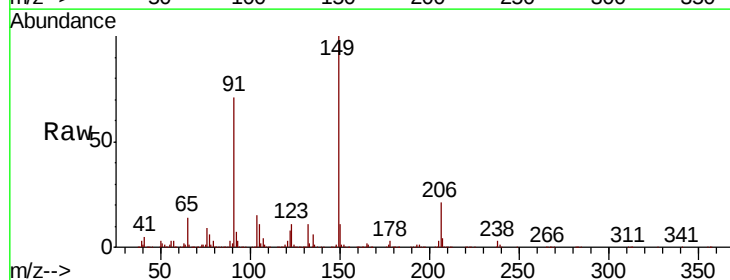
Tgt Ion:149 Resp: 1966693

Ion Ratio Lower Upper

149 100

91 71.4 60.1 90.1

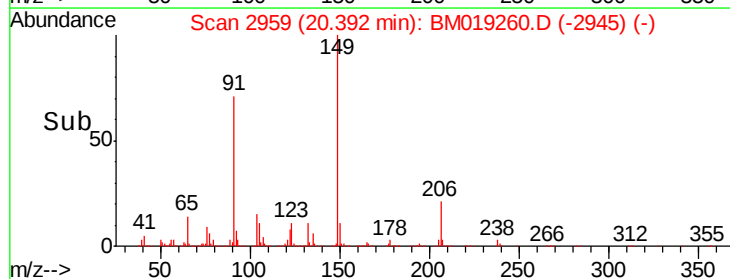
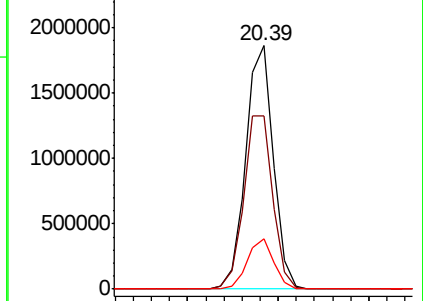
206 20.9 16.2 24.2

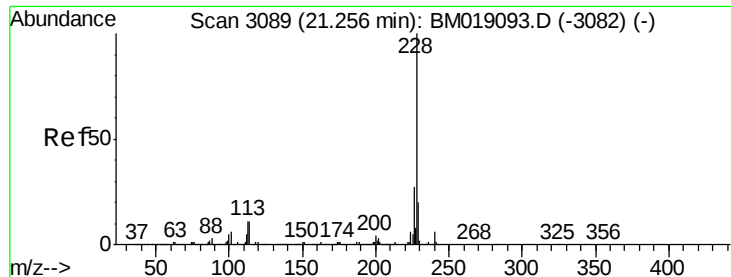


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.617 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

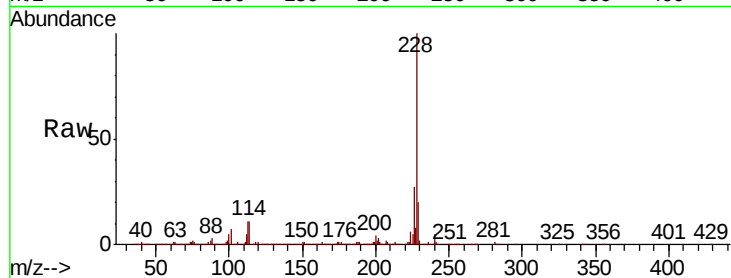
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3752131

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.8	15.8	23.6

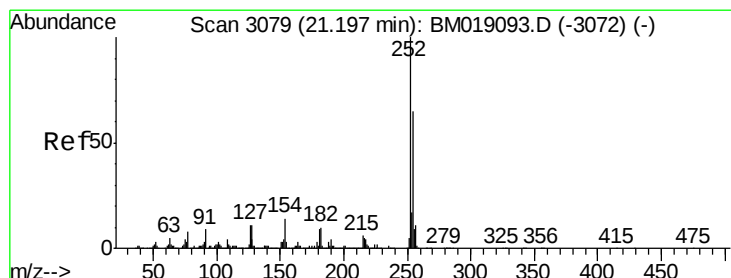
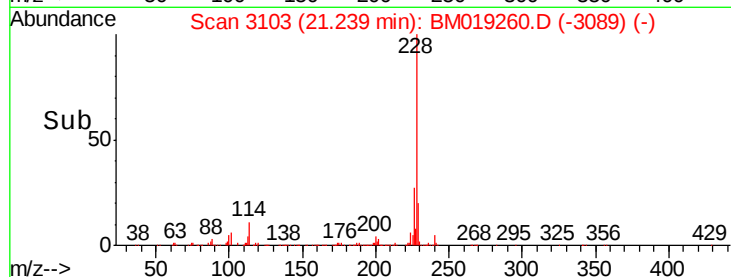
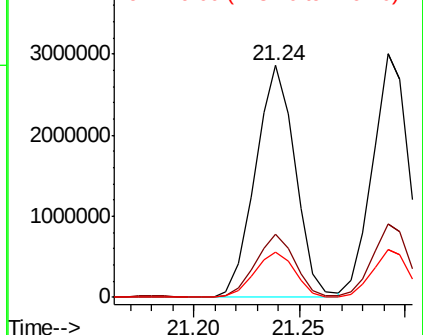


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.581 ng

RT: 21.18 min Scan# 3093

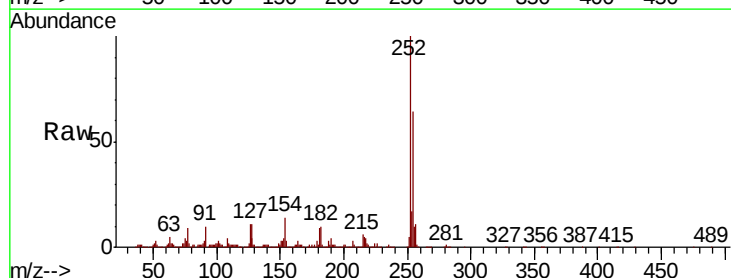
Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Tgt Ion:252 Resp: 1482496

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.4	78.6
126	11.4	9.0	13.6

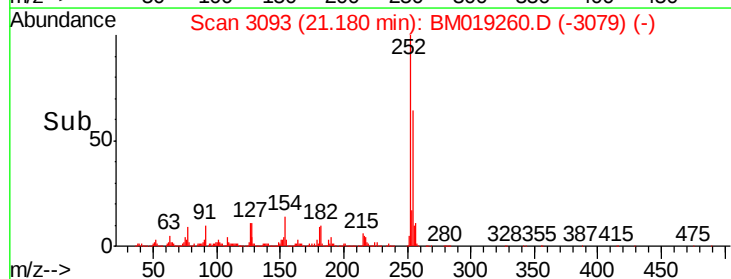
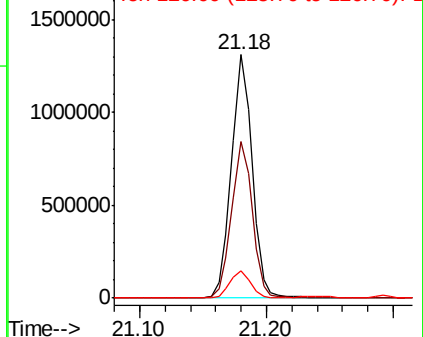


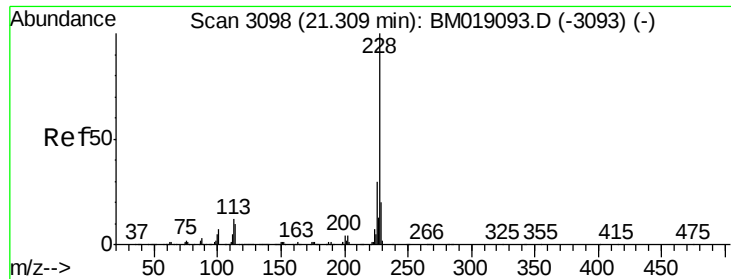
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 37.136 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

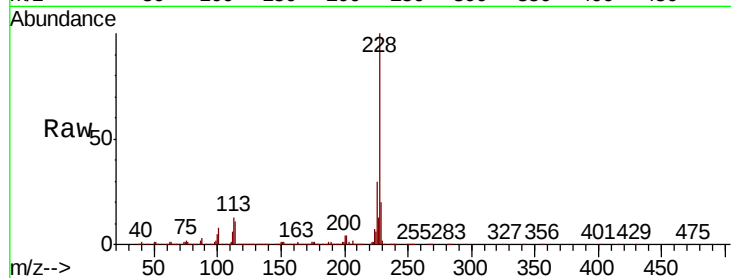
Tot Ion:228 Resp: 3583625

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	19.8	15.7	23.5

228 100

226 30.2 23.8 35.8

229 19.8 15.7 23.5

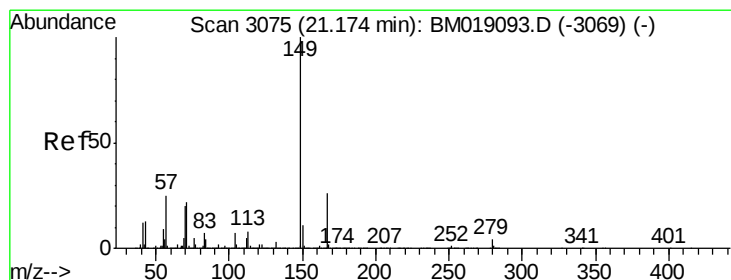
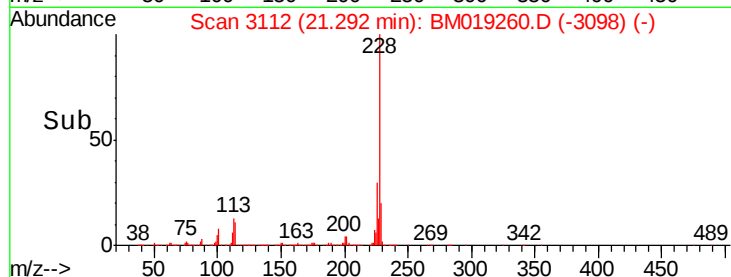
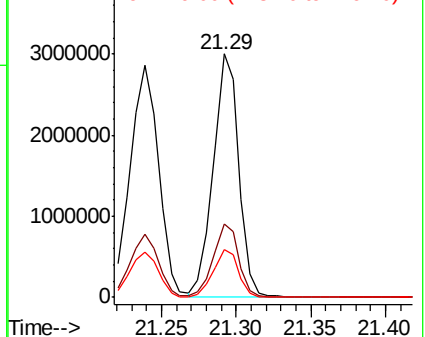


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.623 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

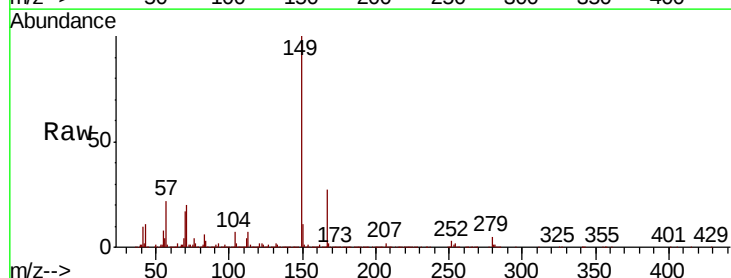
Tgt Ion:149 Resp: 2908205

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.1	31.7
279	5.0	3.2	4.8

149 100

167 27.2 21.1 31.7

279 5.0 3.2 4.8

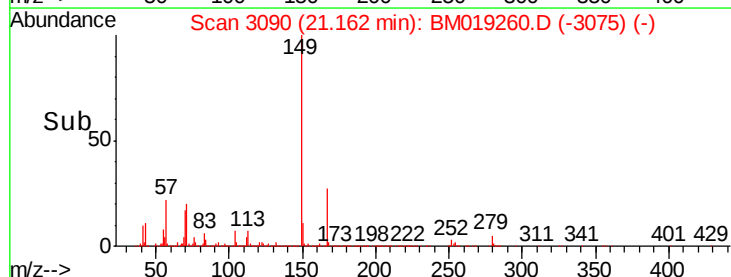
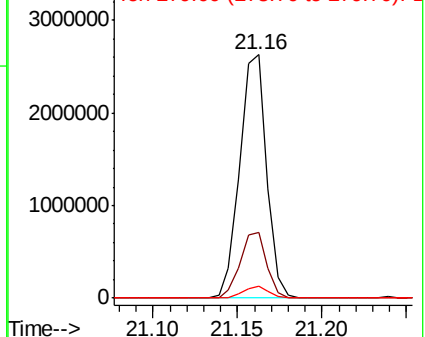


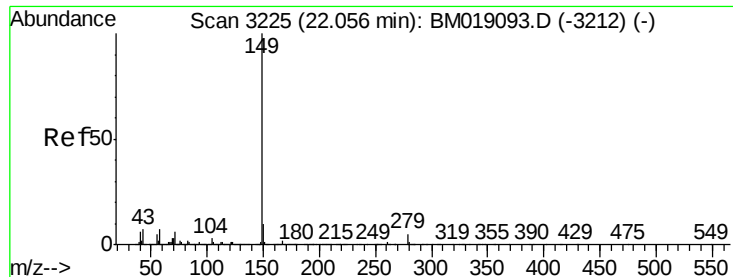
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.125 ng

RT: 22.04 min Scan# 3239

Delta R.T. -0.02 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

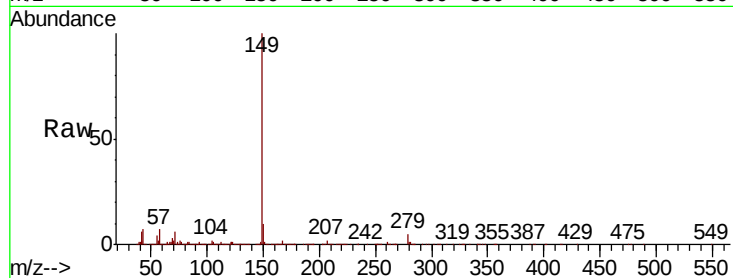
Tot Ion:149 Resp: 4521616

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

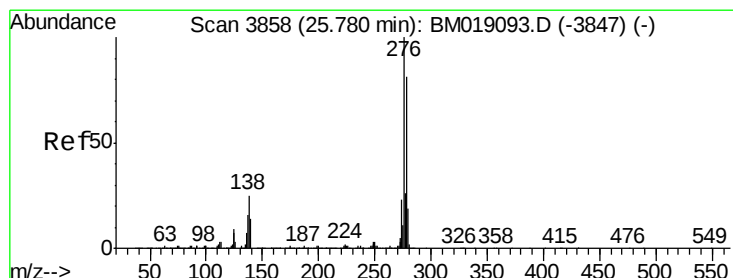
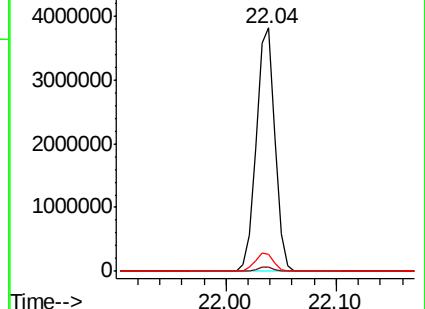
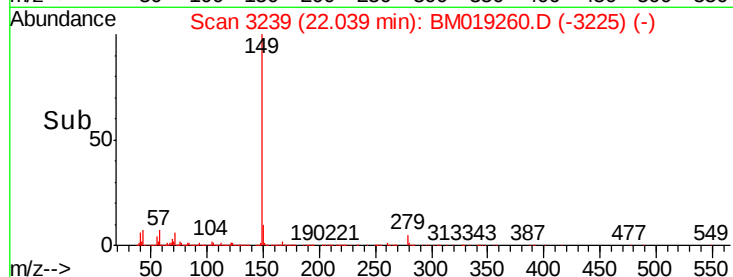
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.431 ng

RT: 25.74 min Scan# 3869

Delta R.T. -0.04 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

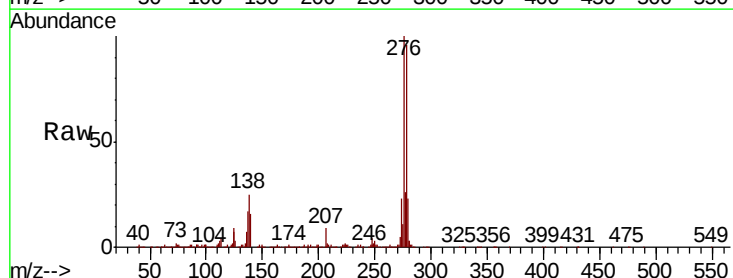
Tgt Ion:276 Resp: 3472756

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.8

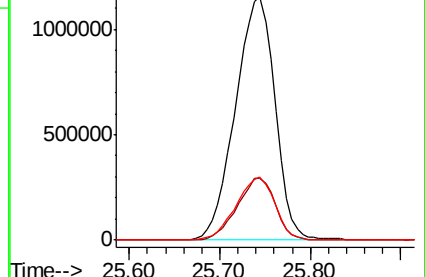
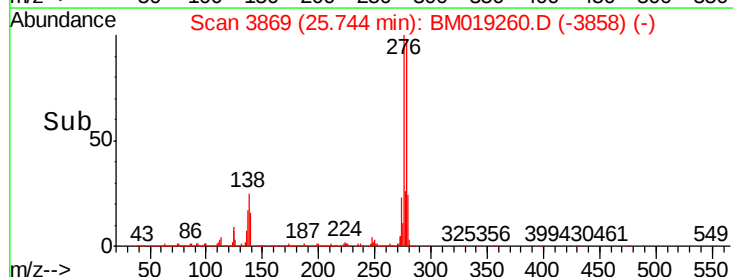
277 25.3 20.3 30.5

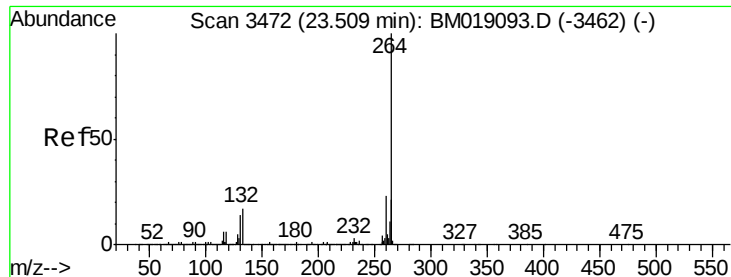


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



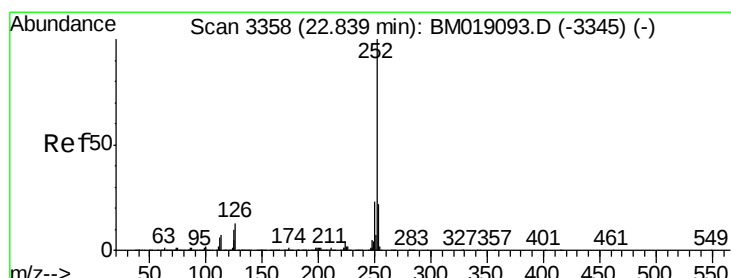
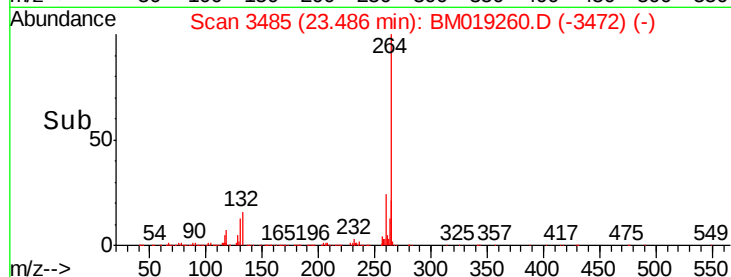
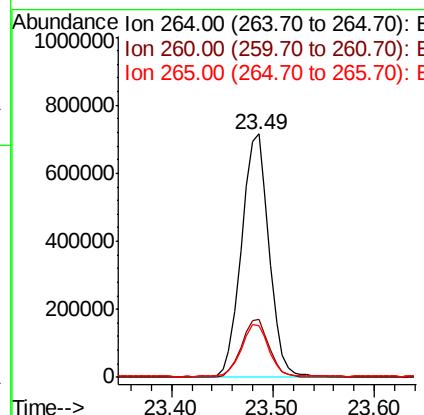
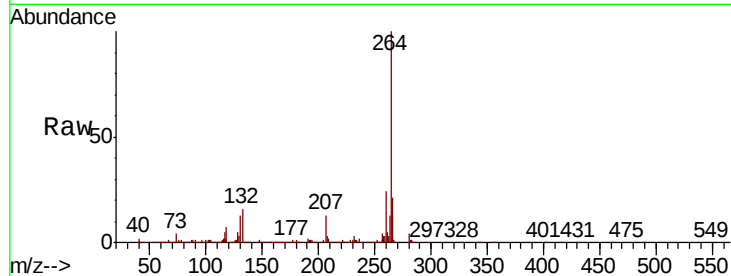


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.49 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Instrument :
BNA_M
ClientSampled :

Tot Ion:264 Resp: 1354923

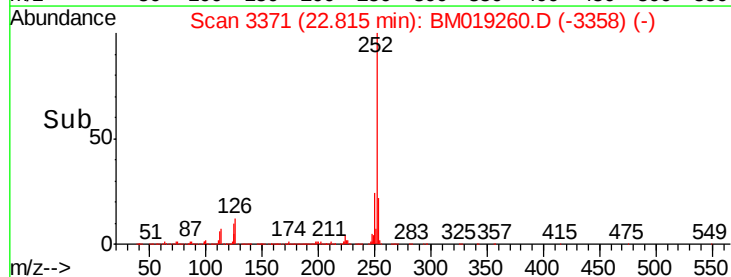
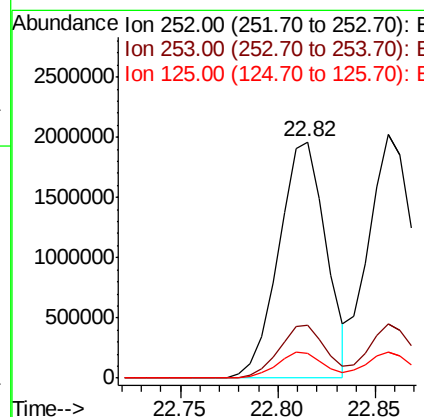
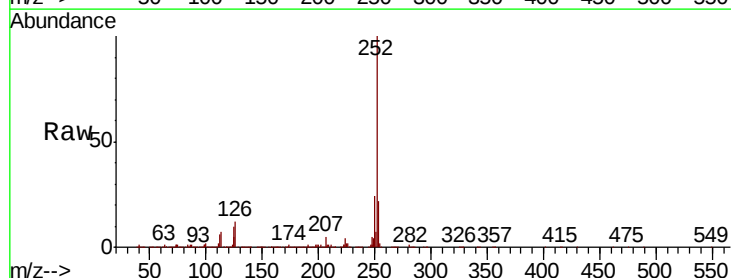
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.4	17.3	25.9

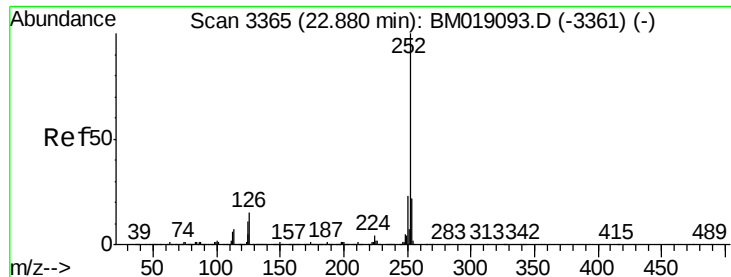


#88
Benzo(b)fluoranthene
Concen: 37.534 ng
RT: 22.82 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:252 Resp: 3295360

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.3	8.1	12.1

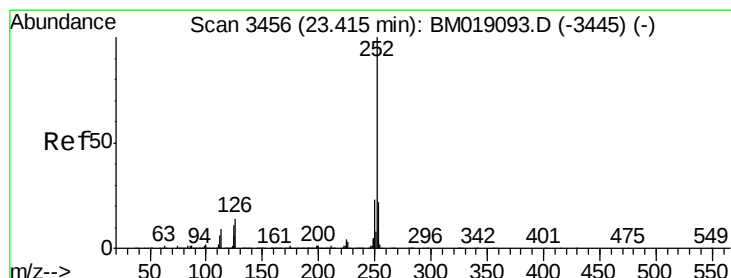
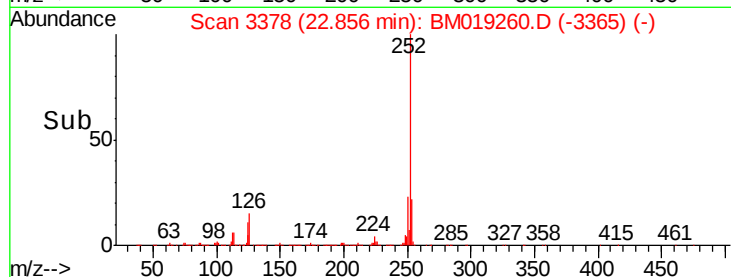
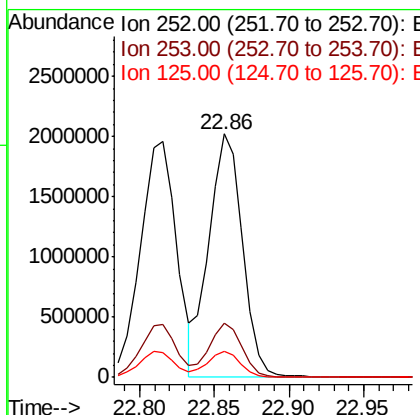
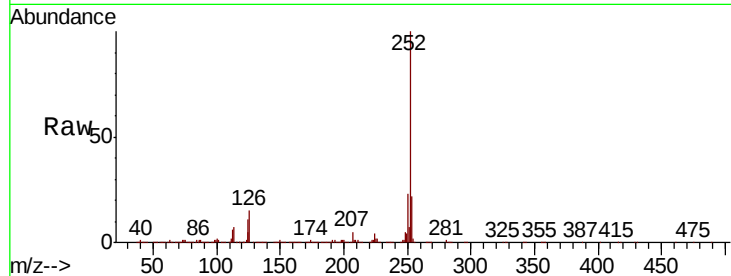




#89
Benzo(k)fluoranthene
Concen: 39.208 ng
RT: 22.86 min Scan# 3378
Delta R.T. -0.02 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

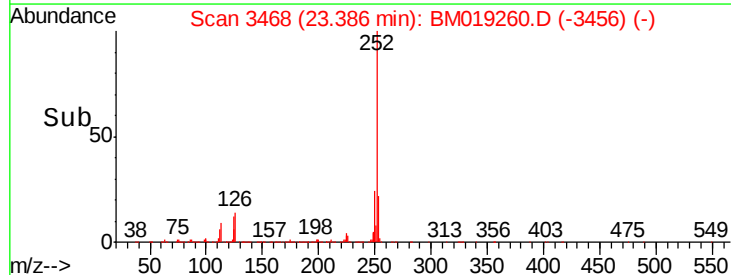
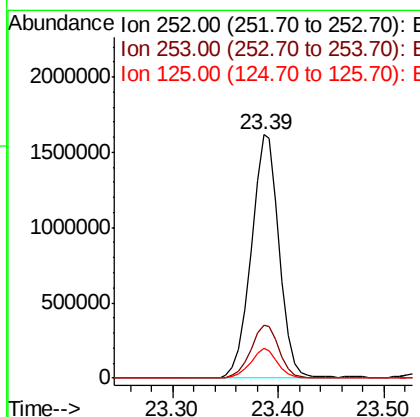
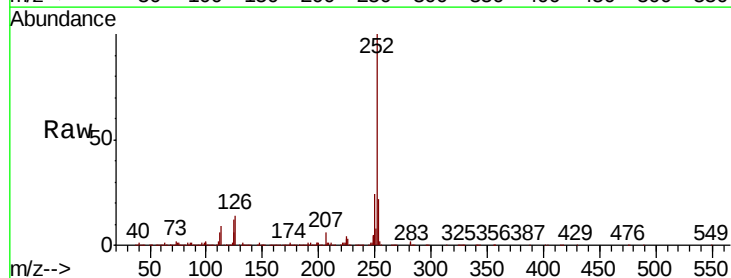
Instrument :
BNA_M
ClientSampled :

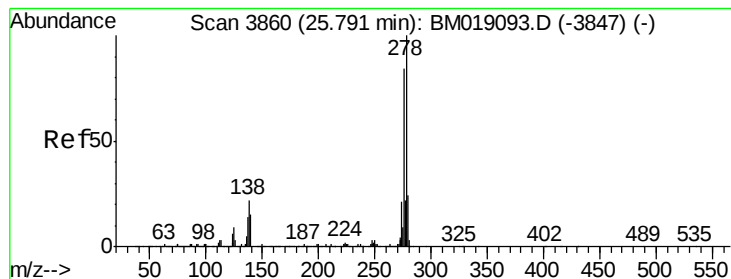
Tot Ion:252 Resp: 3166153
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.7 8.8 13.2



#90
Benzo(a)pyrene
Concen: 37.520 ng
RT: 23.39 min Scan# 3468
Delta R.T. -0.03 min
Lab File: BM019260.D
Acq: 20 Mar 2019 09:07

Tgt Ion:252 Resp: 2960265
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 12.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.633 ng

RT: 25.75 min Scan# 3870

Delta R.T. -0.04 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

Instrument :

BNA_M

ClientSampleId :

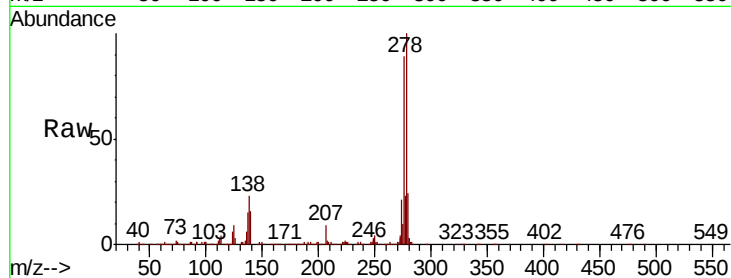
Tot Ion:278 Resp: 2915815

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.3	18.5
279	23.7	18.9	28.3

278 100

139 16.2 12.3 18.5

279 23.7 18.9 28.3

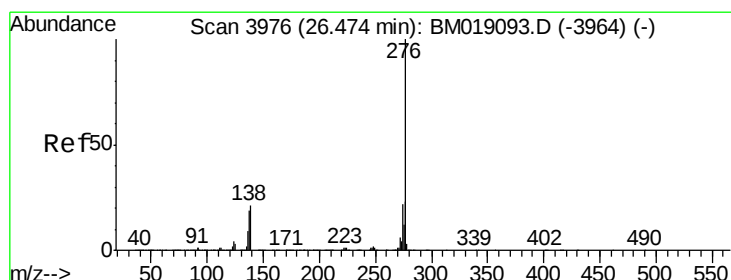
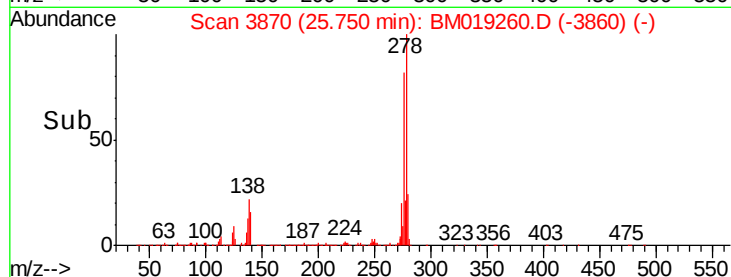
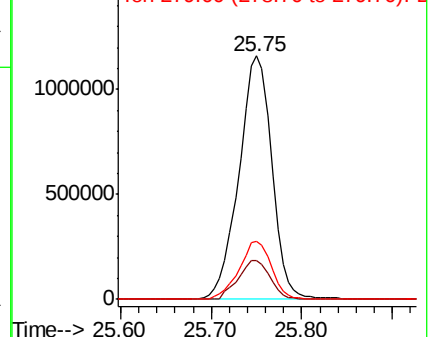


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.099 ng

RT: 26.43 min Scan# 3986

Delta R.T. -0.04 min

Lab File: BM019260.D

Acq: 20 Mar 2019 09:07

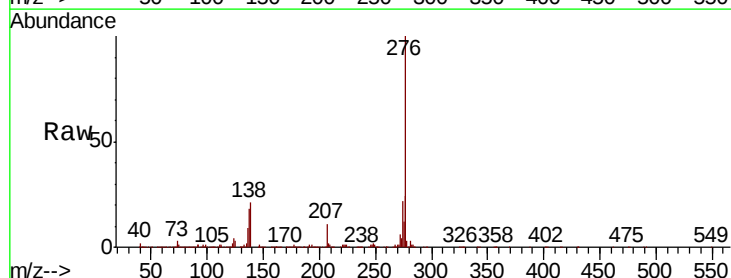
Tgt Ion:276 Resp: 2709267

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	21.2	17.0	25.4

276 100

277 24.0 18.8 28.2

138 21.2 17.0 25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

