

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019266.D
 Acq On : 20 Mar 2019 17:44
 Operator : JU/SJ
 Sample : K1984-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 21 17:13:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	200269	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	874730	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	530475	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1187669	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1037114	20.00	ng	0.00
87) Perylene-d12	23.48	264	909122	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1975378	159.74	ng	0.00
7) Phenol-d6	6.82	99	2924920	161.70	ng	0.00
23) Nitrobenzene-d5	8.80	82	1776013	95.98	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1304707	166.58	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3672455	90.05	ng	0.00
79) Terphenyl-d14	19.69	244	5472702	104.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	186172	33.842	ng	98
3) Pyridine	3.59	79	551987	36.881	ng	99
4) n-Nitrosodimethylamine	3.52	42	184484	39.649	ng	99
6) Aniline	6.99	93	740661	31.716	ng	100
8) 2-Chlorophenol	7.20	128	710678	47.823	ng	99
9) Benzaldehyde	6.80	77	225983	19.862	ng	96
10) Phenol	6.85	94	1024148	52.537	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	639269	42.976	ng	99
12) 1,3-Dichlorobenzene	7.52	146	637750	40.553	ng	99
13) 1,4-Dichlorobenzene	7.67	146	658835	41.092	ng	99
14) 1,2-Dichlorobenzene	7.98	146	648060	41.545	ng	100
15) Benzyl Alcohol	7.89	79	677913	45.283	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.16	45	633190	41.689	ng	98
17) 2-Methylphenol	8.09	107	630061	49.599	ng	97
18) Hexachloroethane	8.69	117	237622	39.885	ng	98
19) n-Nitroso-di-n-propylamine	8.45	70	638959	43.057	ng	100
20) 3+4-Methylphenols	8.42	107	859969	49.873	ng	98
22) Acetophenone	8.47	105	1056883	43.720	ng	# 99
24) Nitrobenzene	8.85	77	881689	45.813	ng	100
25) Isophorone	9.36	82	1620678	45.898	ng	99
26) 2-Nitrophenol	9.55	139	382121	47.901	ng	99
27) 2,4-Dimethylphenol	9.60	122	686157	57.857	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	968340	46.315	ng	98
29) 2,4-Dichlorophenol	10.07	162	705788	53.734	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	679007	45.846	ng	99
31) Naphthalene	10.47	128	2087304	45.273	ng	99
32) Benzoic acid	9.76	122	183203	18.240	ng	97
33) 4-Chloroaniline	10.60	127	265319	14.038	ng	99
34) Hexachlorobutadiene	10.73	225	359521	42.300	ng	98
35) Caprolactam	11.43	113	96550	20.635	ng	96
36) 4-Chloro-3-methylphenol	11.73	107	813694	50.207	ng	99
37) 2-Methylnaphthalene	12.09	142	1576255	47.048	ng	98
38) 1-Methylnaphthalene	12.31	142	1500087	45.426	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	755140	45.002	ng	99

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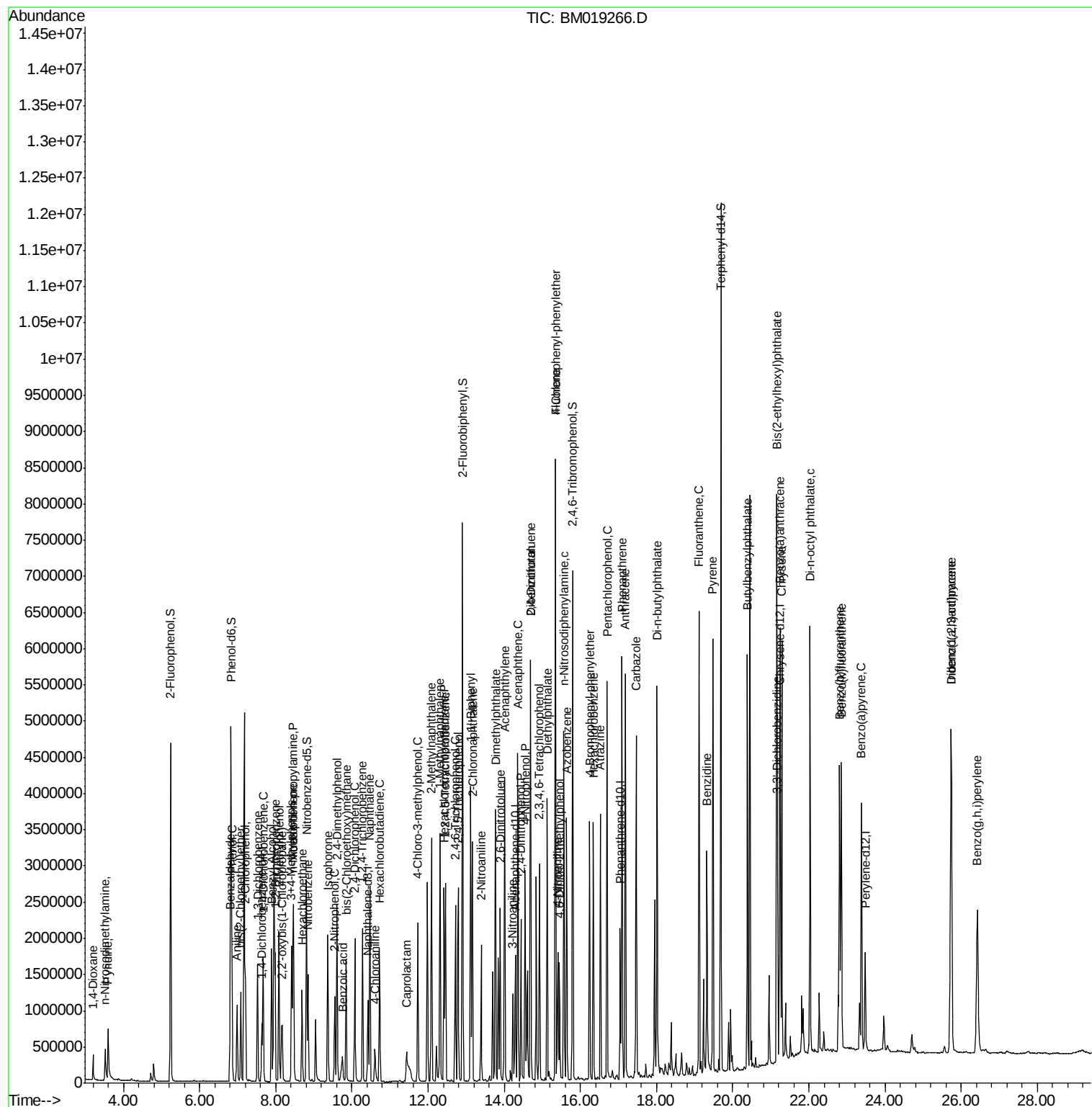
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	709579	93.356	ng	99
43) 2,4,6-Trichlorophenol	12.72	196	574705	52.997	ng	98
44) 2,4,5-Trichlorophenol	12.79	196	618938	53.375	ng	99
46) 1,1'-Biphenyl	13.12	154	2045872	44.161	ng	100
47) 2-Chloronaphthalene	13.16	162	1591559	46.025	ng	99
48) 2-Nitroaniline	13.39	65	562785	48.528	ng	99
49) Acenaphthylene	14.02	152	2635193	45.069	ng	100
50) Dimethylphthalate	13.77	163	2442146	53.816	ng	99
51) 2,6-Dinitrotoluene	13.89	165	472220	48.138	ng	97
52) Acenaphthene	14.36	154	1533923	45.656	ng	99
53) 3-Nitroaniline	14.23	138	299975	28.872	ng	99
54) 2,4-Dinitrophenol	14.44	184	466906	81.957	ng	99
55) Dibenzofuran	14.70	168	2472909	45.641	ng	98
56) 4-Nitrophenol	14.55	139	820813	96.761	ng	96
57) 2,4-Dinitrotoluene	14.69	165	671028	47.124	ng	96
58) Fluorene	15.34	166	2049599	45.893	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	556095	51.512	ng	99
60) Diethylphthalate	15.13	149	2153519	46.856	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	1001547	46.173	ng	100
62) 4-Nitroaniline	15.40	138	461291	44.056	ng	100
63) Azobenzene	15.64	77	2212966	45.758	ng	100
65) 4,6-Dinitro-2-methylphenol	15.45	198	346490	44.520	ng	96
66) n-Nitrosodiphenylamine	15.57	169	1784097	47.184	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	610283	46.597	ng	99
68) Hexachlorobenzene	16.34	284	721166	46.315	ng	99
69) Atrazine	16.53	200	624809	49.089	ng	99
70) Pentachlorophenol	16.70	266	910365	97.041	ng	99
71) Phenanthrene	17.09	178	3176711	45.634	ng	100
72) Anthracene	17.18	178	3187335	46.770	ng	99
73) Carbazole	17.46	167	2945203	45.789	ng	100
74) Di-n-butylphthalate	18.02	149	3806369	48.938	ng	99
75) Fluoranthene	19.12	202	3471142	43.455	ng	99
77) Benzidine	19.32	184	1709371	58.116	ng	100
78) Pyrene	19.48	202	3460019	52.729	ng	100
80) Butylbenzylphthalate	20.39	149	1641319	57.427	ng	99
81) Benzo(a)anthracene	21.23	228	2838909	43.632	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	833095	33.237	ng	98
83) Chrysene	21.29	228	2734823	43.447	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2397323	57.655	ng	99
85) Di-n-octyl phthalate	22.03	149	3584709	51.198	ng	100
86) Indeno(1,2,3-cd)pyrene	25.74	276	2949769	43.533	ng	100
88) Benzo(b)fluoranthene	22.81	252	2659954	45.154	ng	100
89) Benzo(k)fluoranthene	22.86	252	2478706	45.747	ng	99
90) Benzo(a)pyrene	23.39	252	2443591	46.158	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	2523768	49.836	ng	100
92) Benzo(g,h,i)perylene	26.42	276	2379516	51.179	ng	100

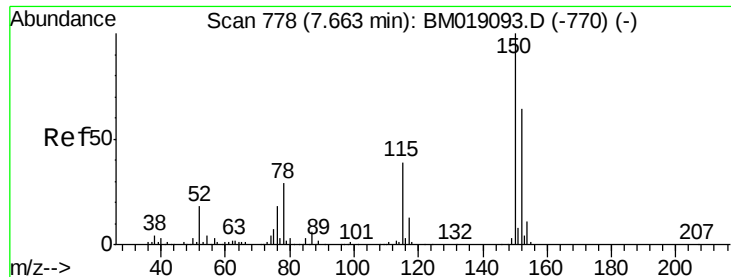
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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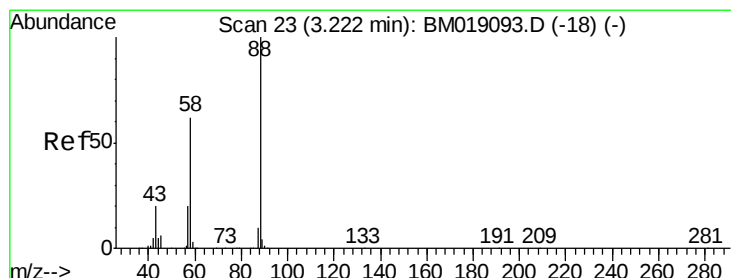
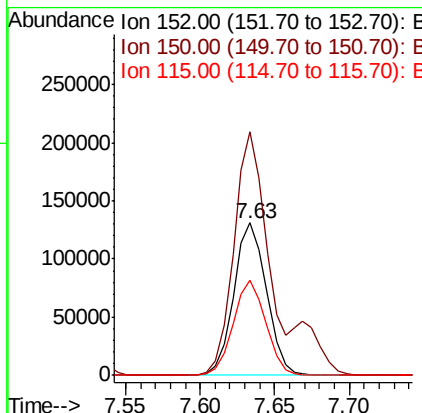
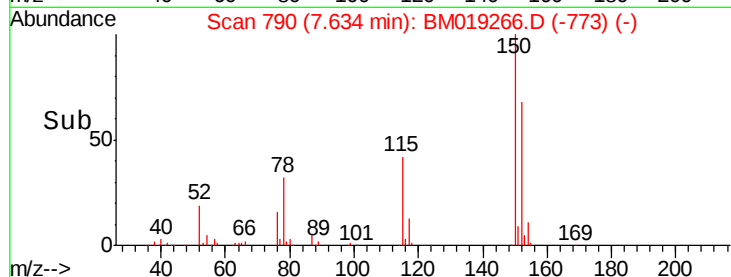
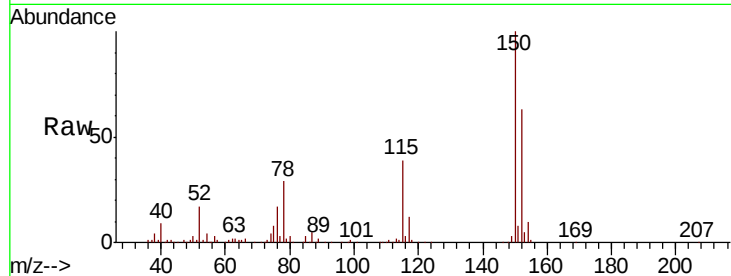


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampleId :

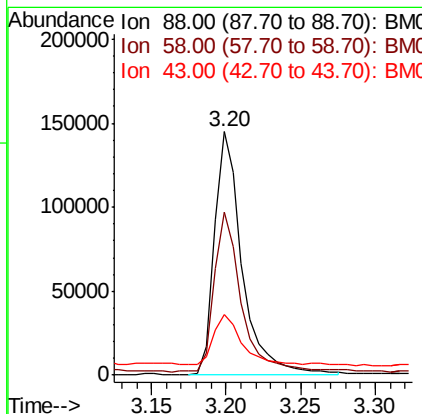
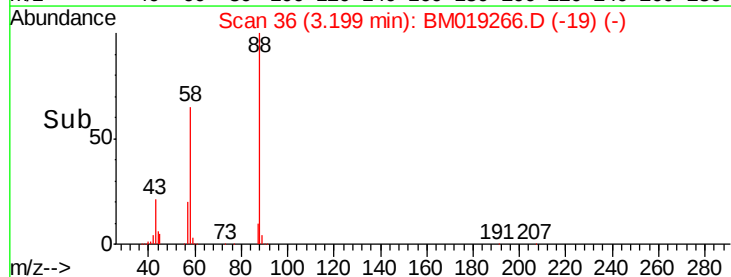
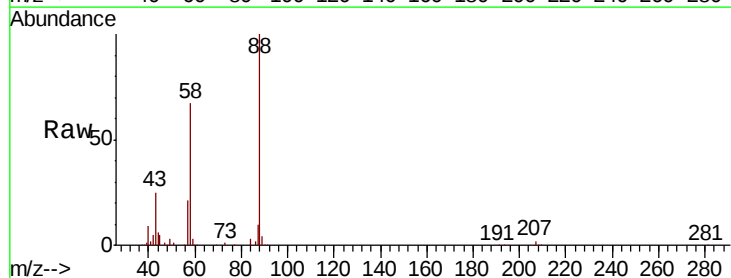
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.8	185.6
115	62.1	48.9	73.3

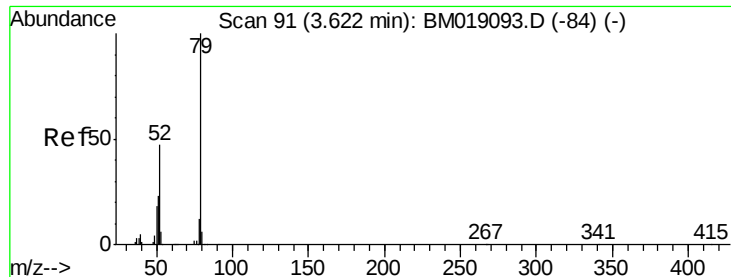


#2

1,4-Dioxane
Concen: 33.842 ng
RT: 3.20 min Scan# 36
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.9	49.5	74.3
43	21.6	17.2	25.8





#3

Pvridine

Concen: 36.881 ng

RT: 3.59 min Scan# 103

Delta R.T. -0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

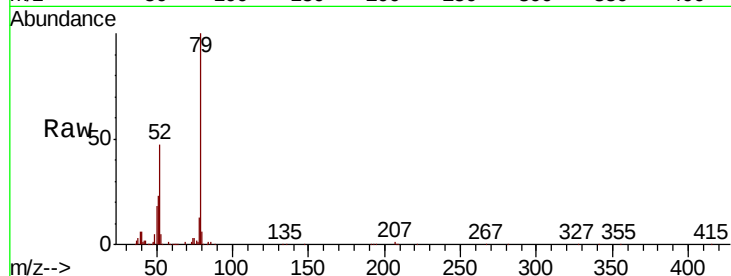
Tot Ion: 79 Resp: 551987

Ion Ratio Lower Upper

79 100

52 46.7 38.1 57.1

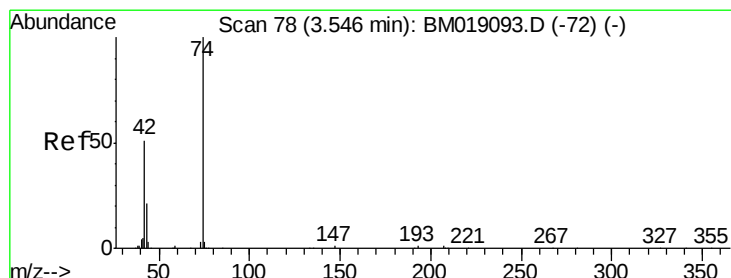
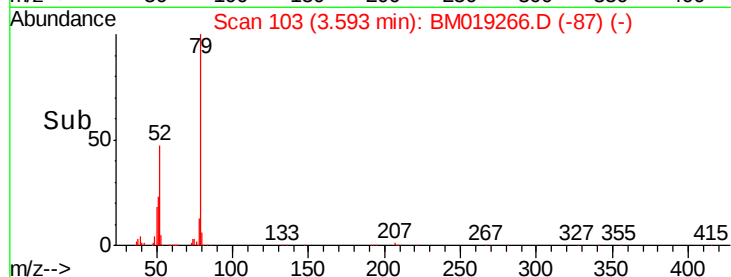
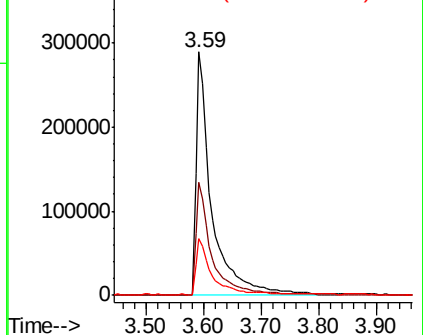
51 23.1 19.0 28.6



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 39.649 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

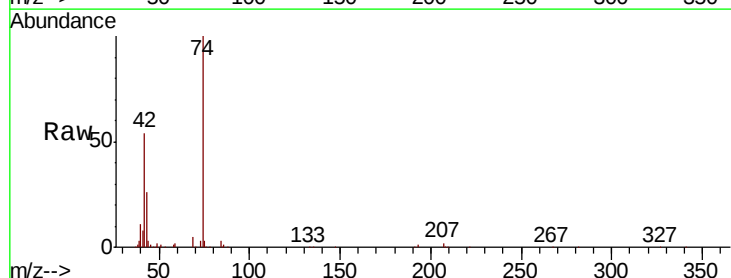
Tgt Ion: 42 Resp: 184484

Ion Ratio Lower Upper

42 100

74 186.8 148.6 222.8

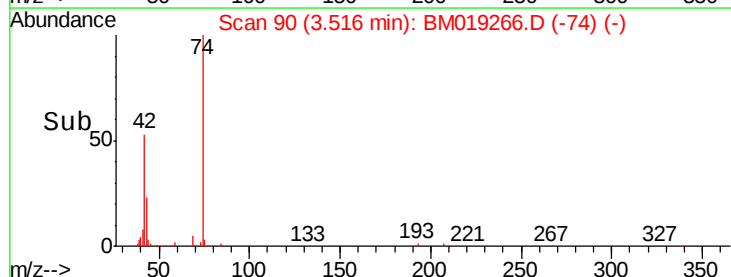
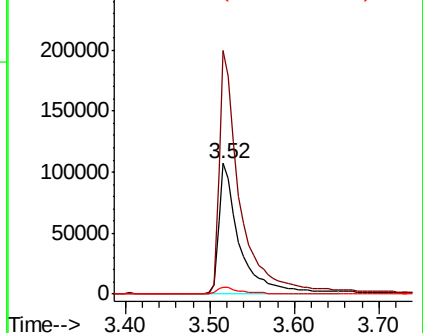
44 5.5 4.6 7.0

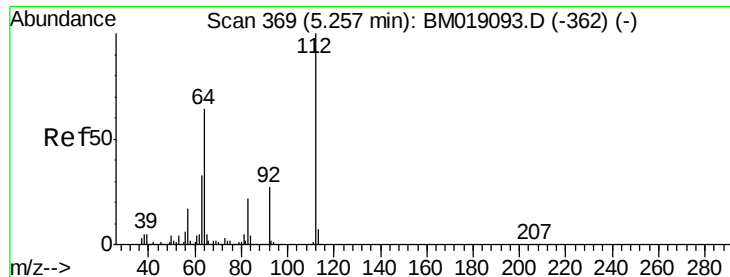


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 159.739 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

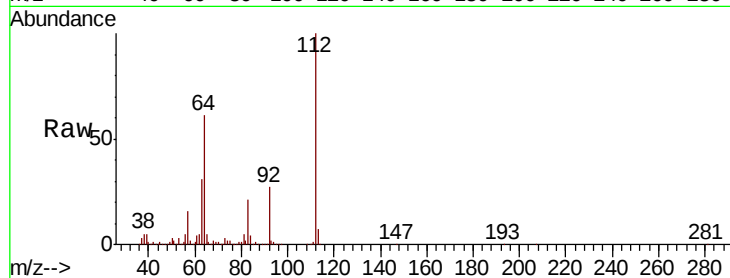
Tot Ion:112 Resp: 1975378

Ion Ratio Lower Upper

112 100

64 61.2 50.6 75.8

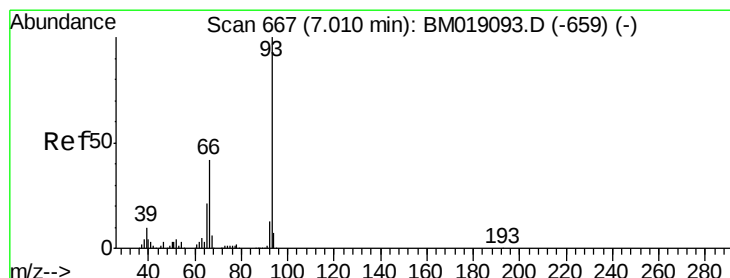
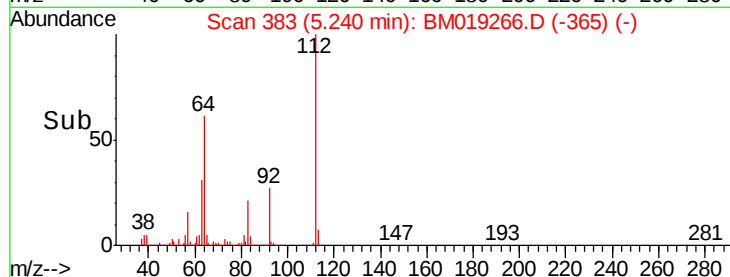
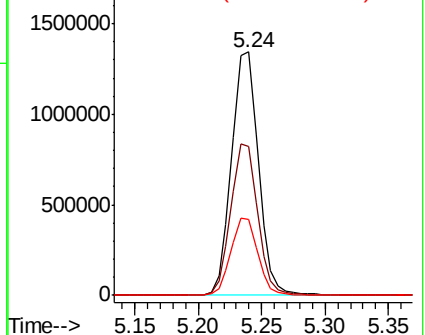
63 31.2 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 31.716 ng

RT: 6.99 min Scan# 680

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

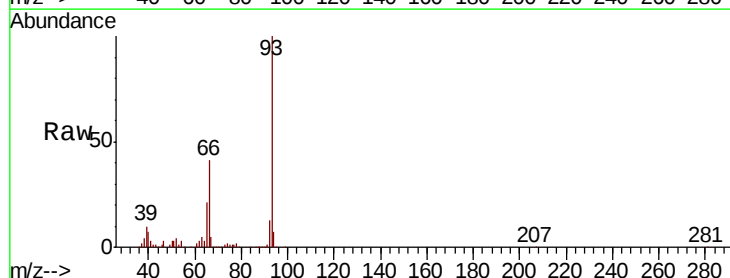
Tgt Ion: 93 Resp: 740661

Ion Ratio Lower Upper

93 100

66 41.1 32.8 49.2

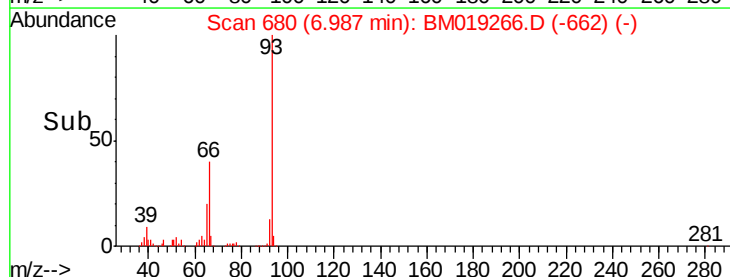
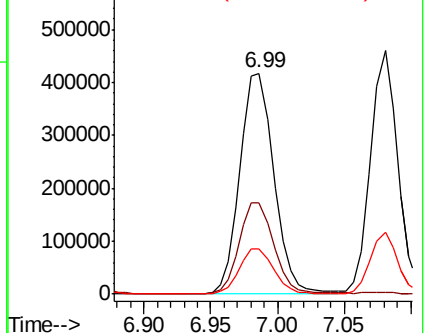
65 20.6 16.2 24.4

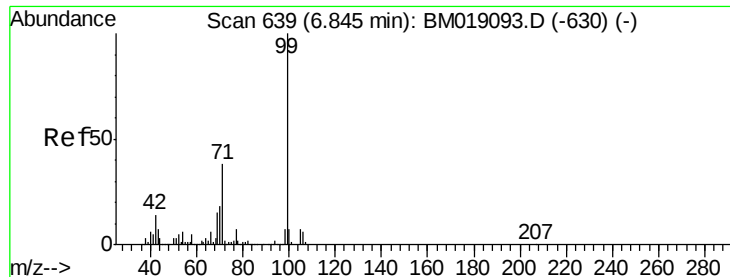


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 161.703 ng

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

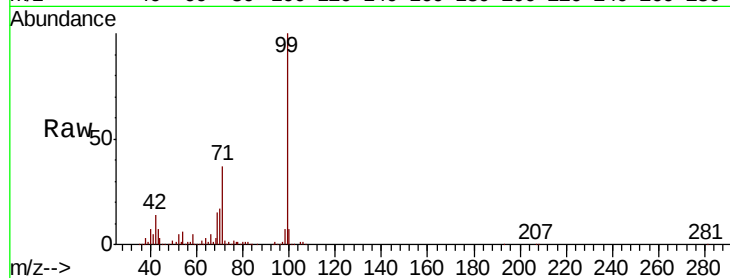
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2924920

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	37.4	30.1	45.1

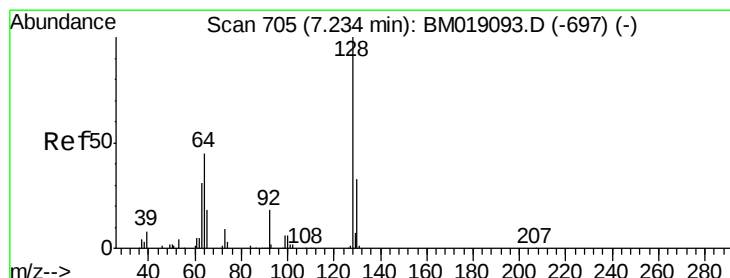
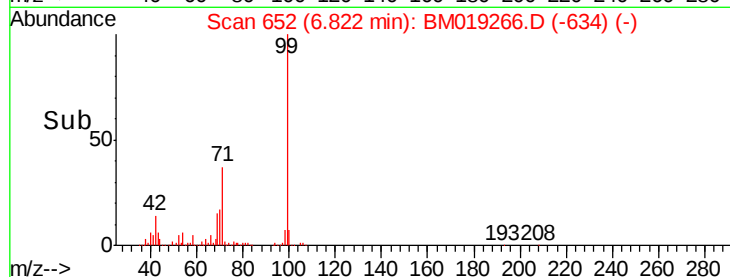
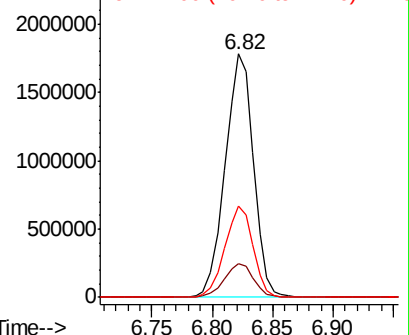


Abundance

Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#8

2-Chlorophenol

Concen: 47.823 ng

RT: 7.20 min Scan# 717

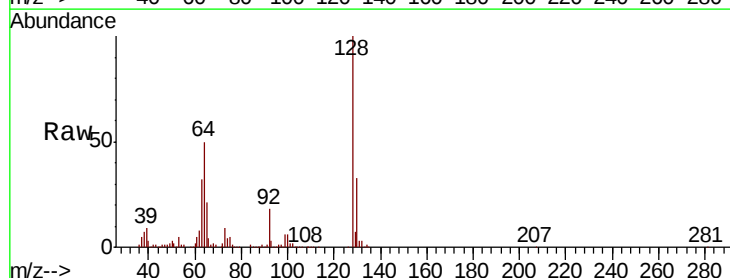
Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Tgt Ion: 128 Resp: 710678

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.7	51.7
64	50.5	30.6	70.6

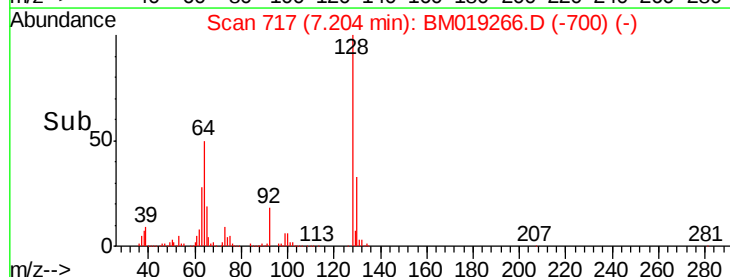
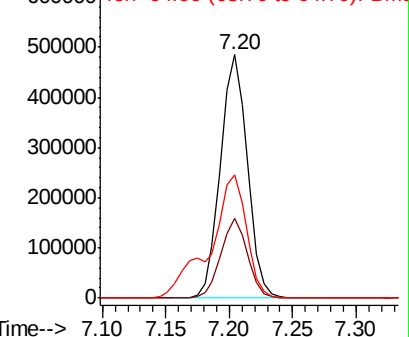


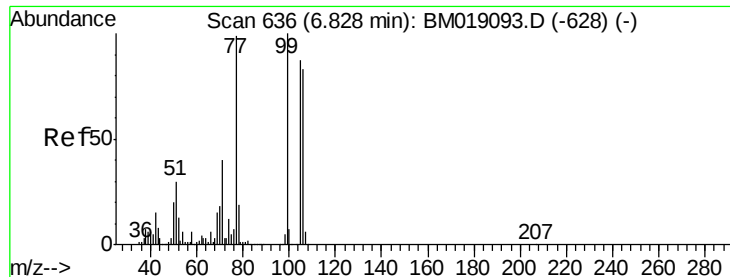
Abundance

Ion 128.00 (127.70 to 128.70): BM019093.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019093.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019093.D (-697) (-)





#9

Benzaldehyde

Concen: 19.862 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

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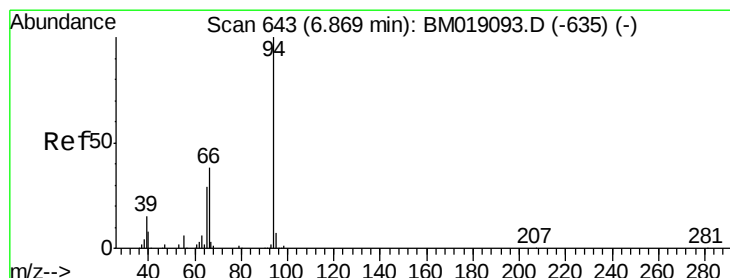
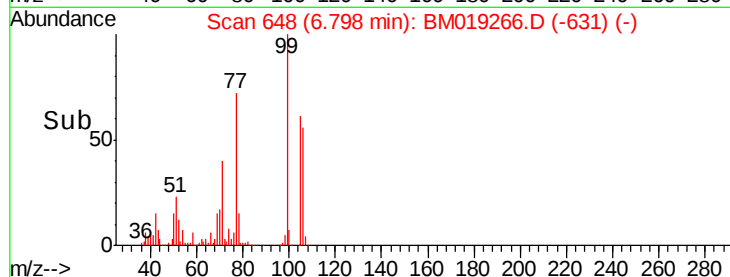
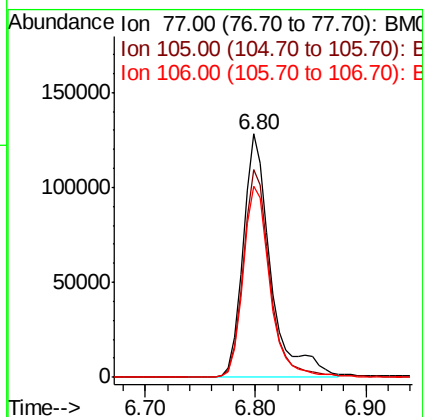
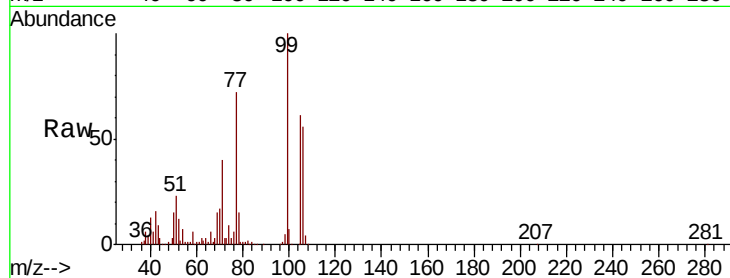
Tot Ion: 77 Resp: 225983

Ion Ratio Lower Upper

77 100

105 85.3 67.6 107.6

106 78.5 63.6 103.6



#10

Phenol

Concen: 52.537 ng

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

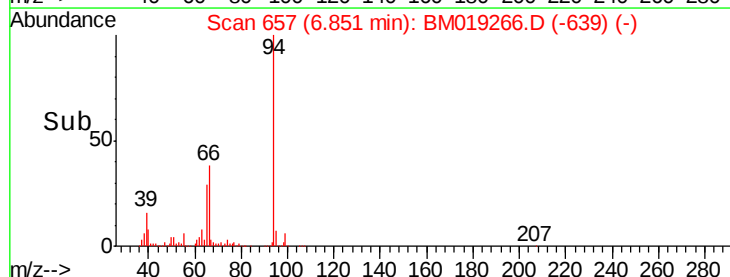
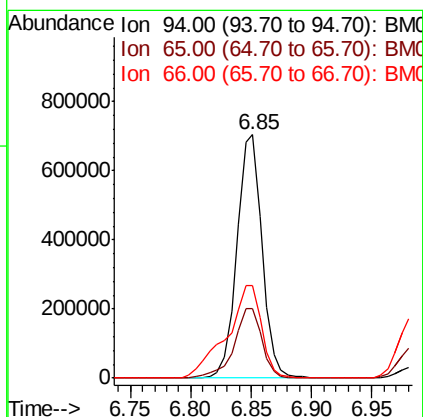
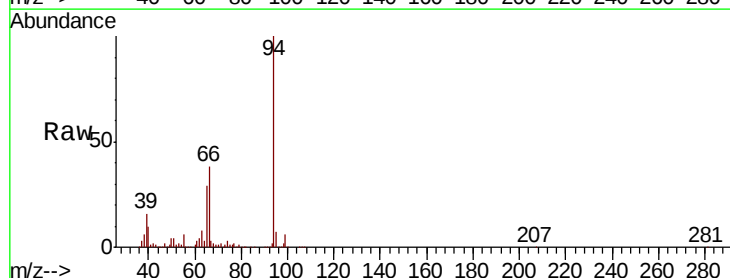
Tgt Ion: 94 Resp: 1024148

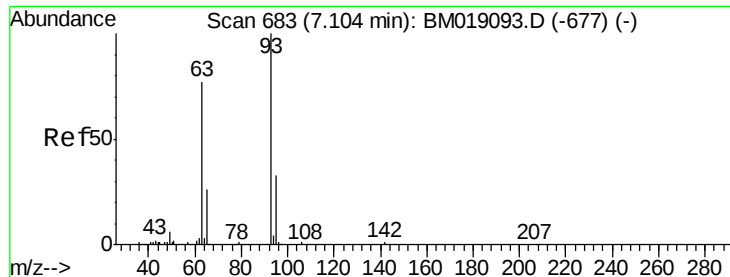
Ion Ratio Lower Upper

94 100

65 28.7 9.2 49.2

66 38.1 17.7 57.7

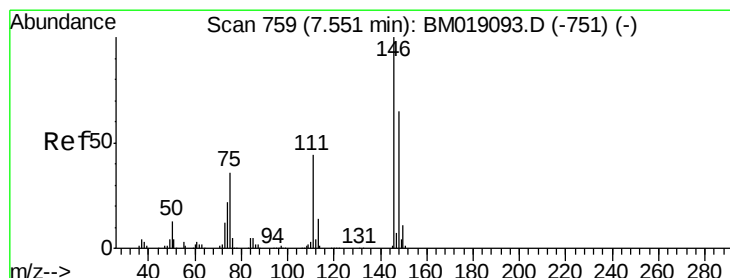
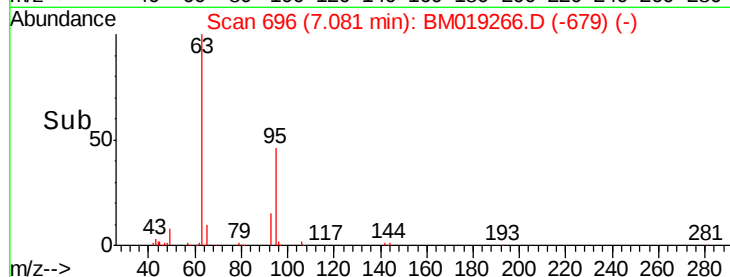
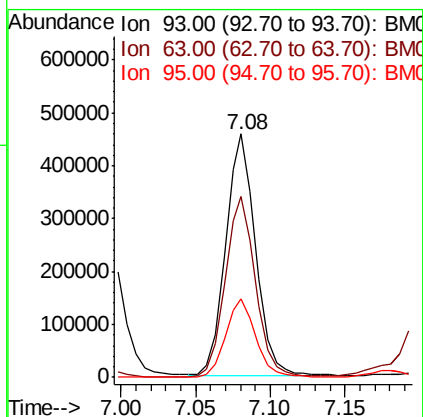
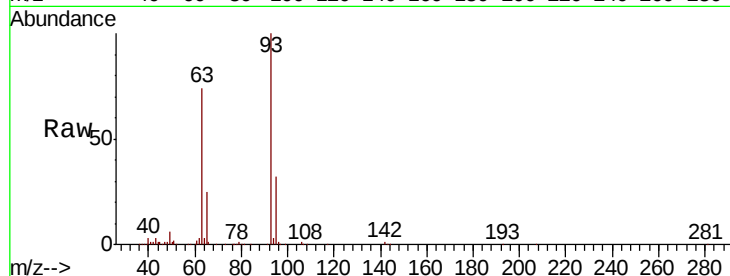




#11
bis(2-Chloroethyl)ether
Concen: 42.976 ng
RT: 7.08 min Scan# 696
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

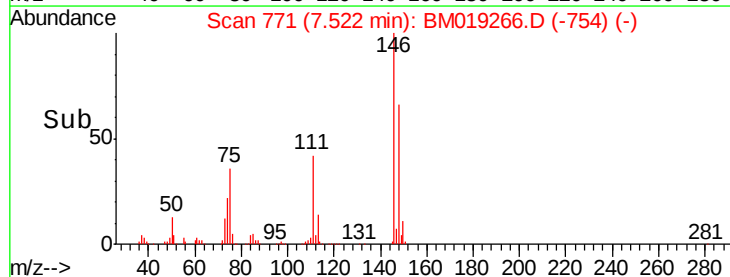
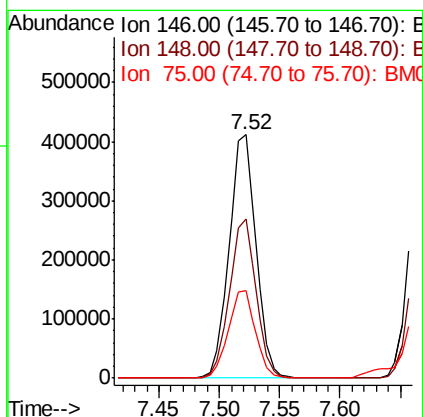
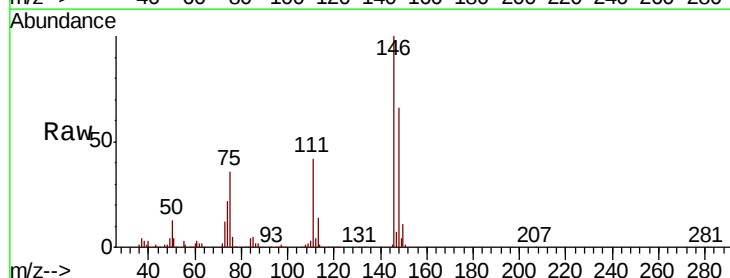
Instrument :
BNA_M
ClientSampleId :

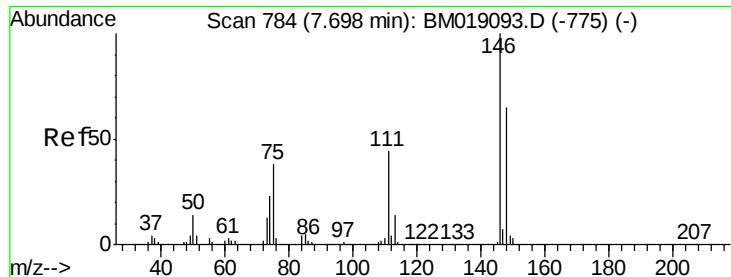
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	54.6	94.6
95	32.1	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 40.553 ng
RT: 7.52 min Scan# 771
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.2	76.8
75	35.8	28.6	42.8

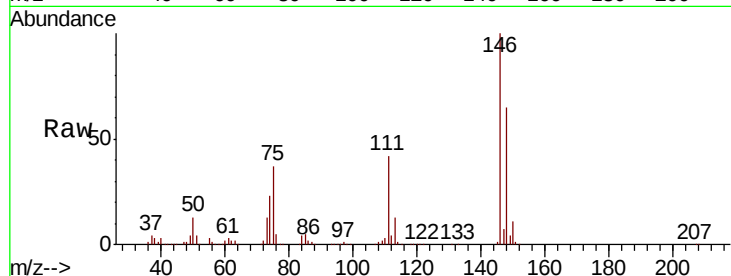




#13
1,4-Dichlorobenzene
Concen: 41.092 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.2	78.4
111	42.0	34.4	51.6

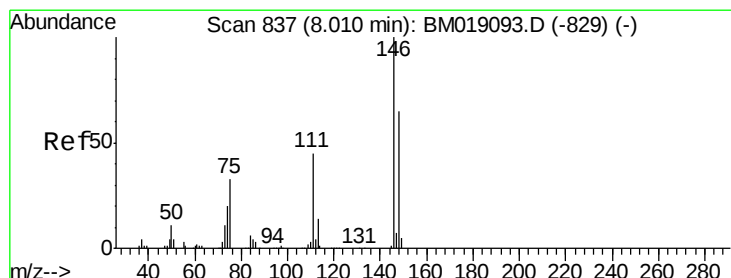
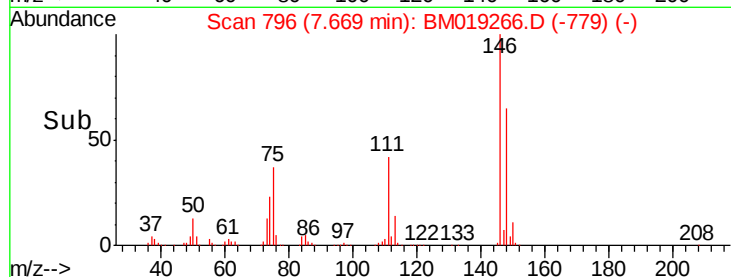
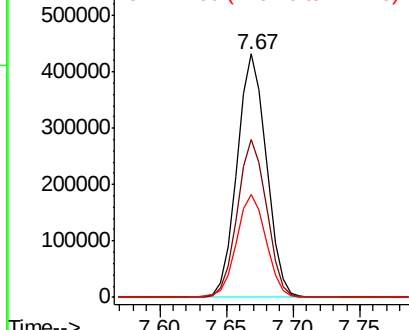


Abundance

Ion 146.00 (145.70 to 146.70): E

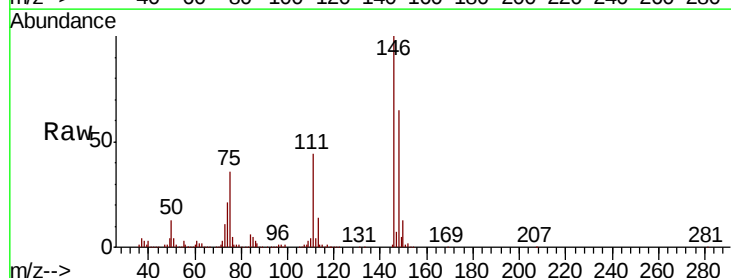
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 41.545 ng
RT: 7.98 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.5	77.3
111	44.2	35.4	53.0

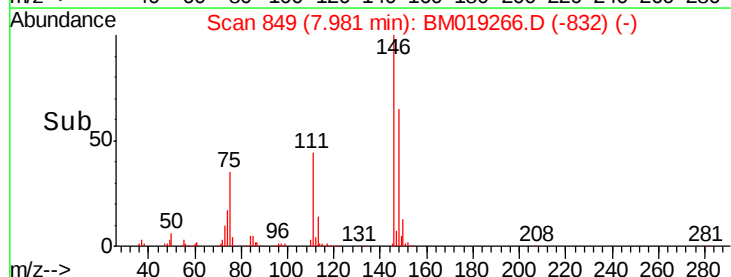
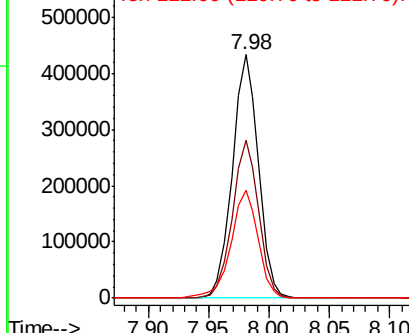


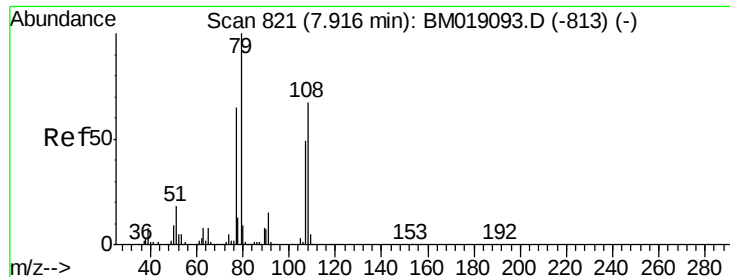
Abundance

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





#15

Benzyl Alcohol

Concen: 45.283 ng

RT: 7.89 min Scan# 834

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

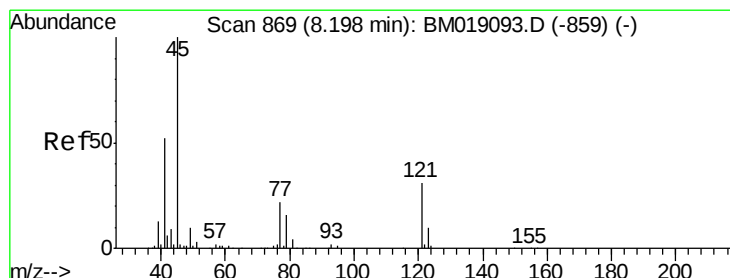
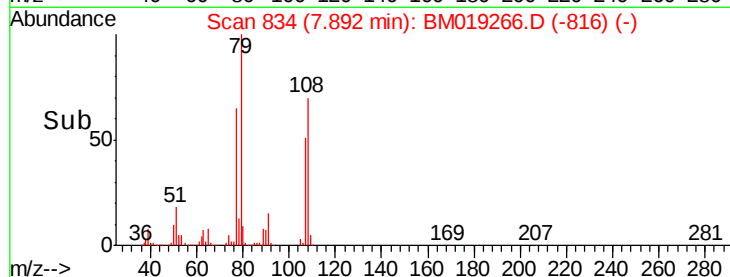
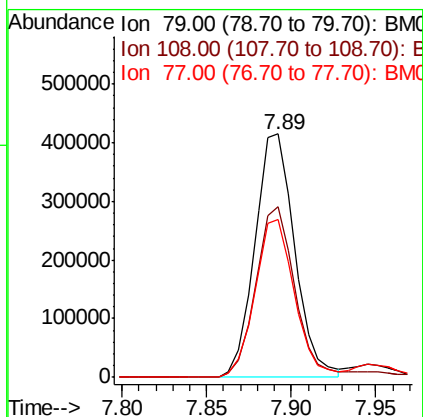
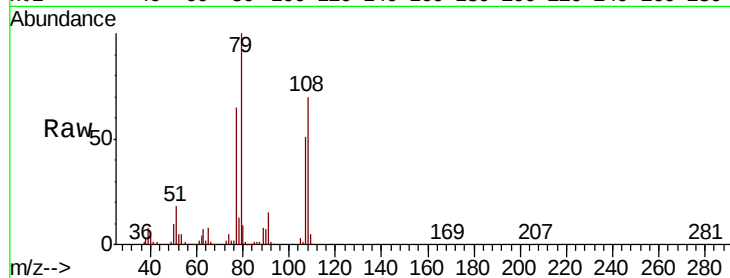
Tot Ion: 79 Resp: 677913

Ion Ratio Lower Upper

79 100

108 70.2 53.4 80.2

77 64.9 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.689 ng

RT: 8.16 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

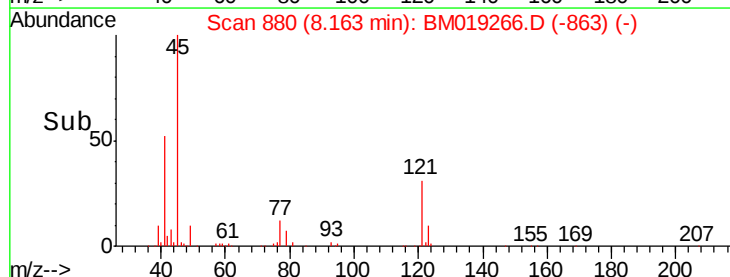
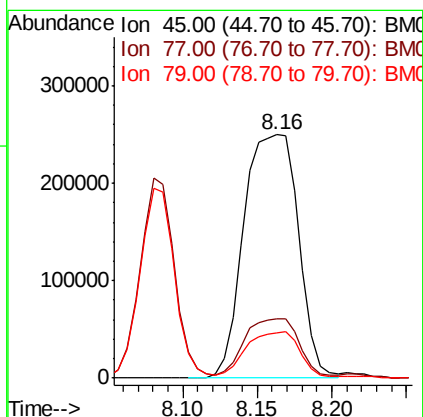
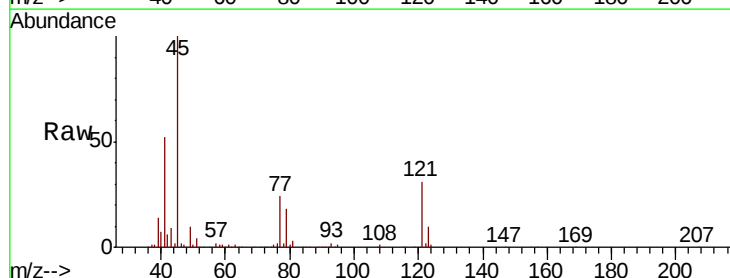
Tgt Ion: 45 Resp: 633190

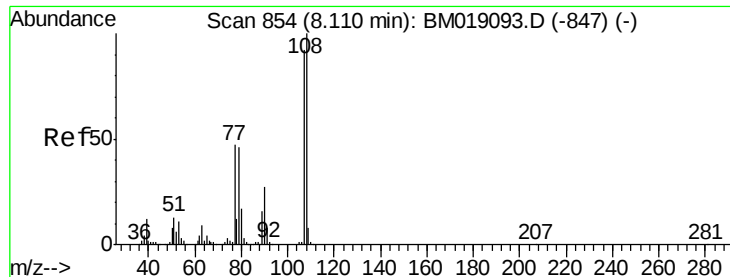
Ion Ratio Lower Upper

45 100

77 24.4 3.0 43.0

79 18.5 0.0 38.0

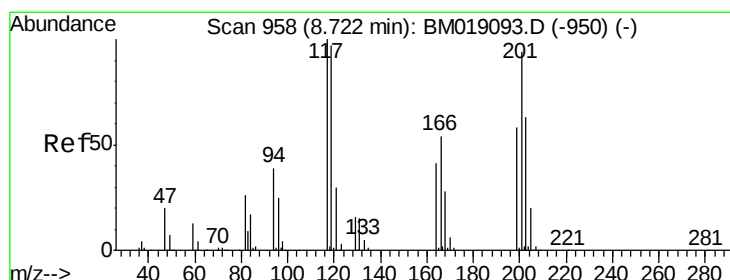
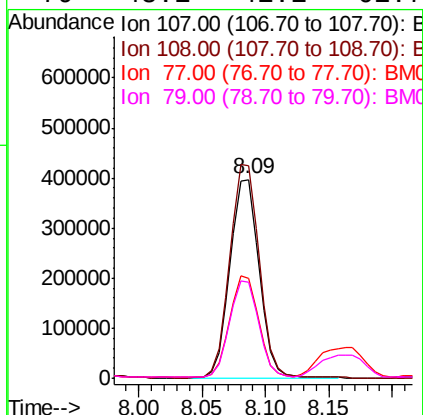
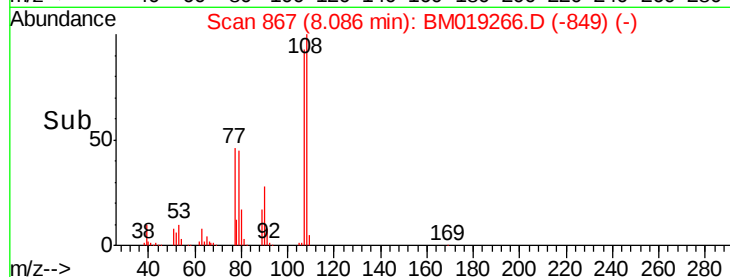
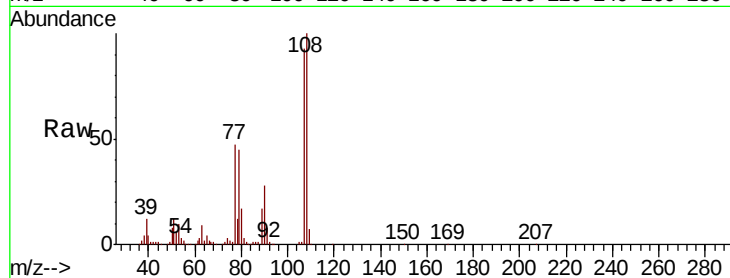




#17
2-Methylphenol
Concen: 49.599 ng
RT: 8.09 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

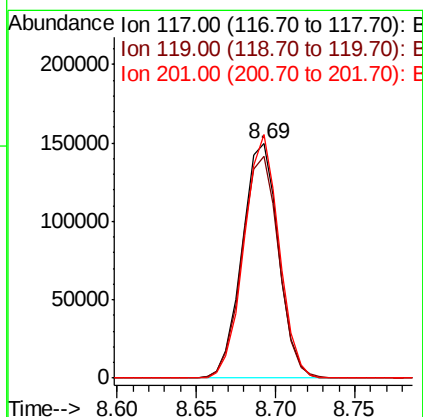
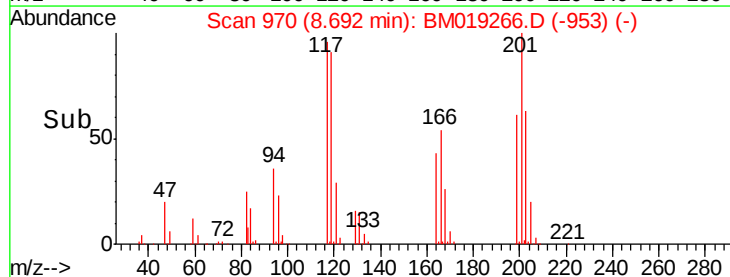
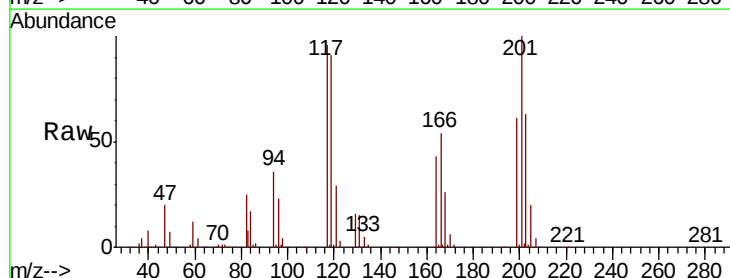
Instrument :
BNA_M
ClientSampleId :

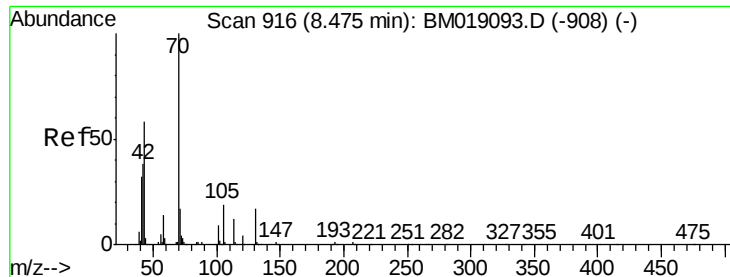
Tot Ion:	107	Resp:	630061
Ion	Ratio	Lower	Upper
107	100		
108	107.2	88.0	132.0
77	50.3	42.1	63.1
79	48.1	41.1	61.7



#18
Hexachloroethane
Concen: 39.885 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:	117	Resp:	237622
Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.2	114.2
201	104.0	80.8	121.2

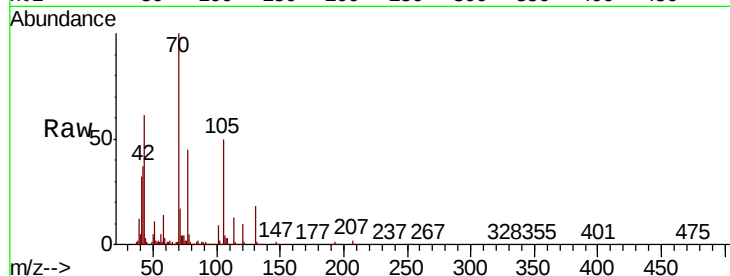




#19
n-Nitroso-di-n-propylamine
Concen: 43.057 ng
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	638959
Ion	Ratio	Lower	Upper
70	100		
42	37.4	30.0	45.0
101	8.7	7.0	10.6
130	17.9	14.5	21.7



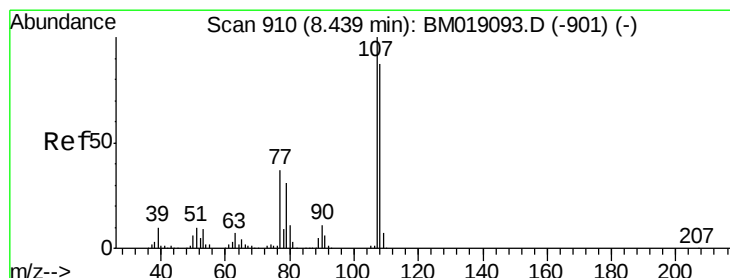
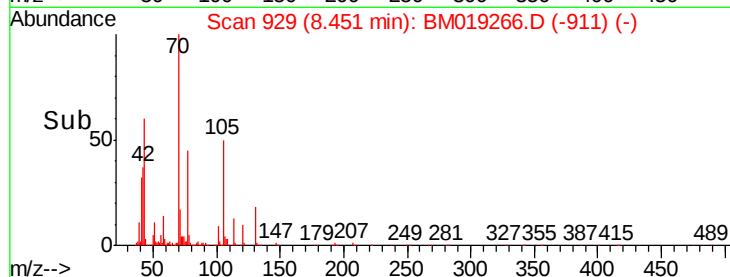
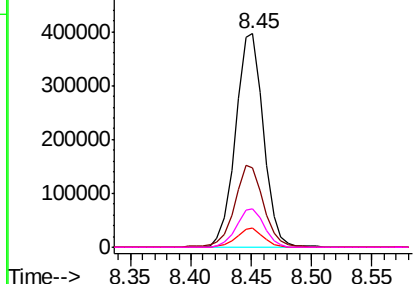
Abundance

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

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

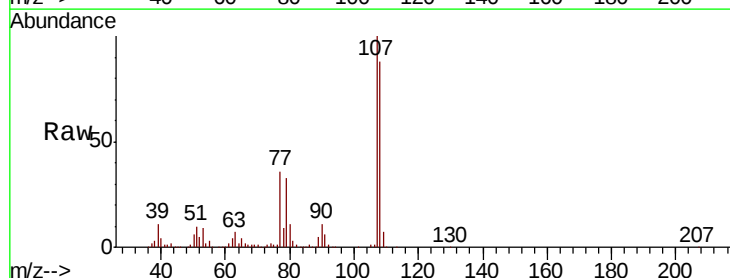
Ion 101.00 (100.70 to 101.70): BM019093.D (-908) (-)

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



#20
3+4-Methylphenols
Concen: 49.873 ng
RT: 8.42 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:	107	Resp:	859969
Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.0	107.0
77	36.2	16.8	56.8
79	33.4	11.2	51.2



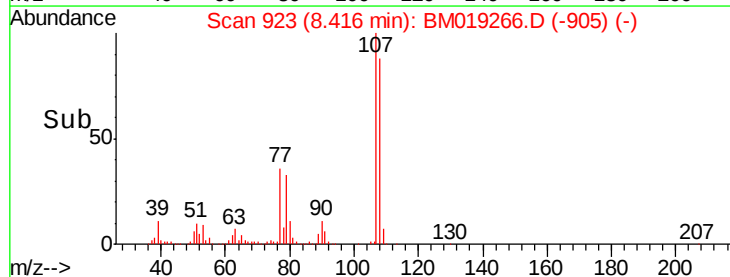
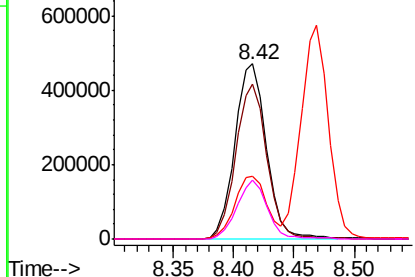
Abundance

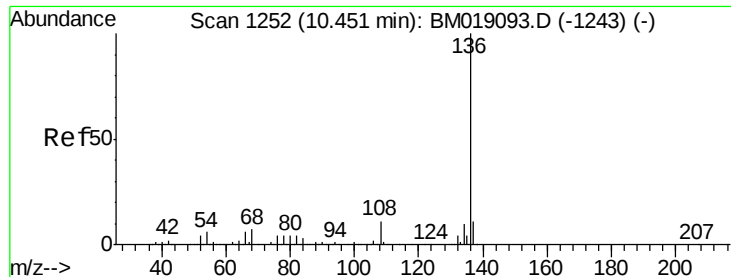
Ion 107.00 (106.70 to 107.70): BM019093.D (-901) (-)

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# 1263

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 874730

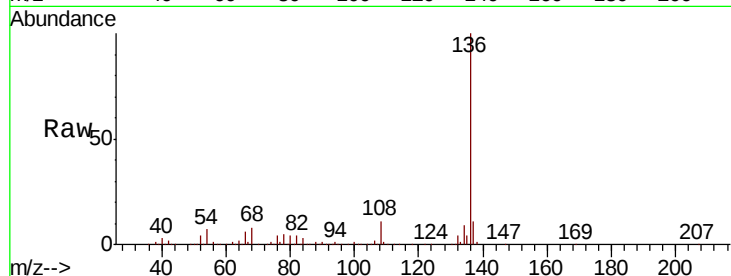
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.7 5.5 8.3

68 7.5 6.0 9.0

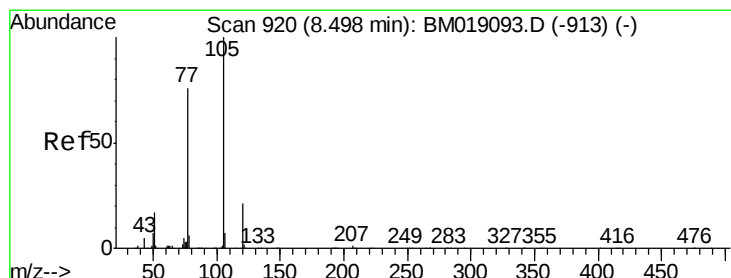
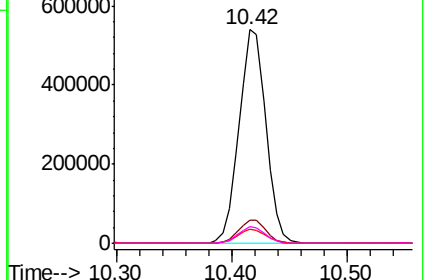
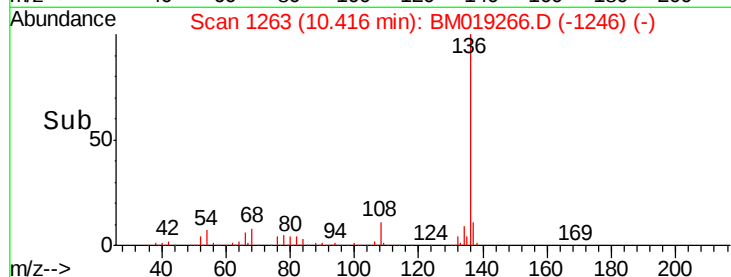


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.720 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Tgt Ion:105 Resp: 1056883

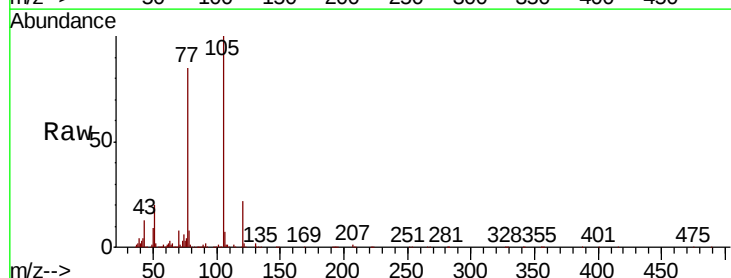
Ion Ratio Lower Upper

105 100

71 1.4 0.9 1.3#

51 19.5 15.9 23.9

120 21.6 16.7 25.1

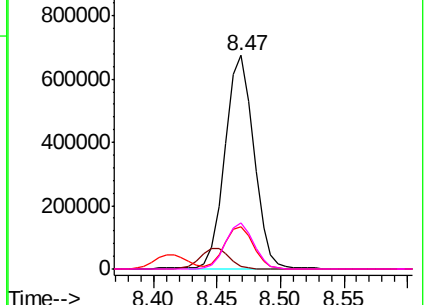
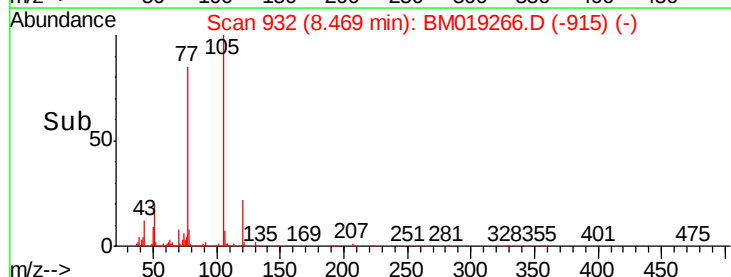


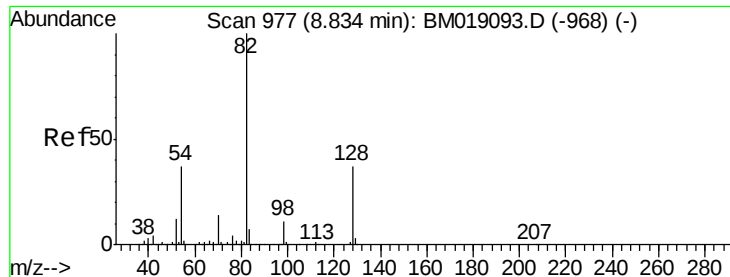
Abundance Ion 105.00 (104.70 to 105.70): E

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

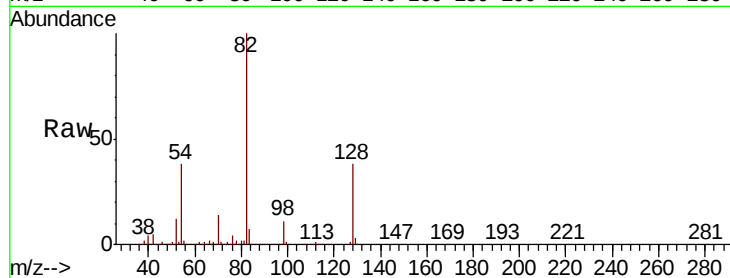




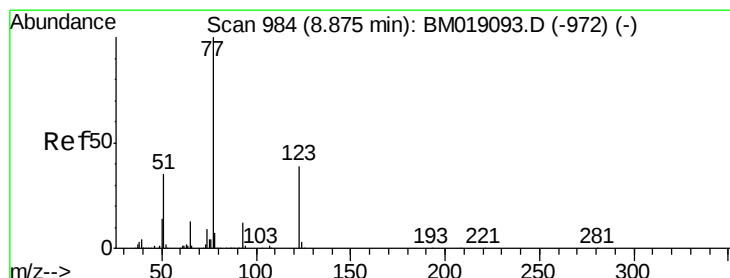
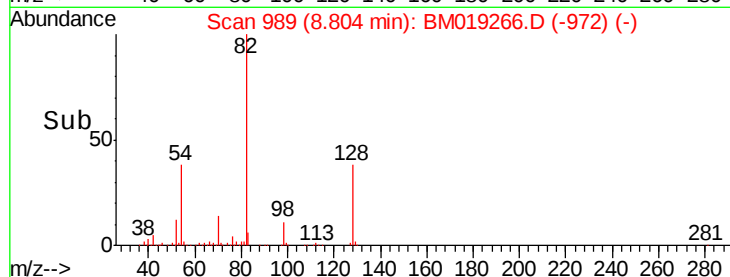
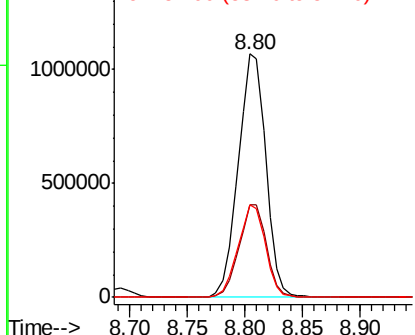
#23
 Nitrobenzene-d5
 Concen: 95.975 ng
 RT: 8.80 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Instrument :
 BNA_M
 ClientSampled :

Tot Ion: 82 Resp: 1776013
 Ion Ratio Lower Upper
 82 100
 128 37.8 30.2 45.4
 54 37.8 30.2 45.2

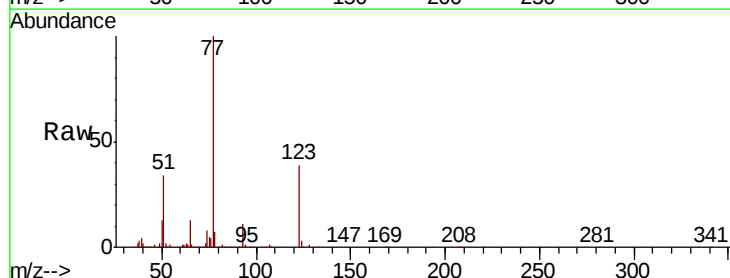


Abundance Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)
 Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)
 Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)

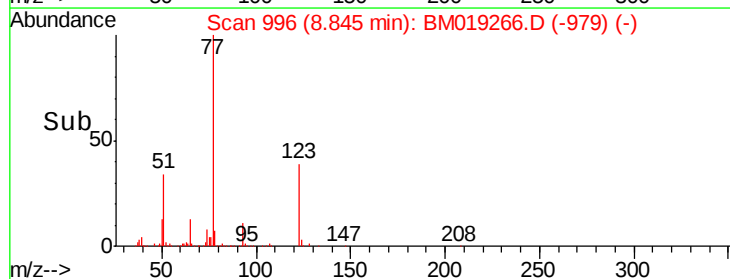
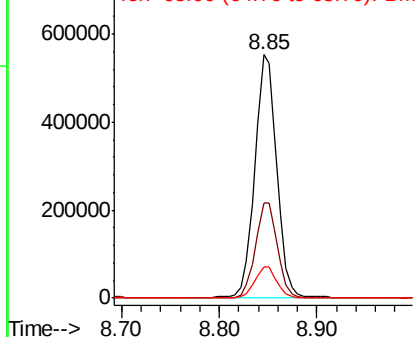


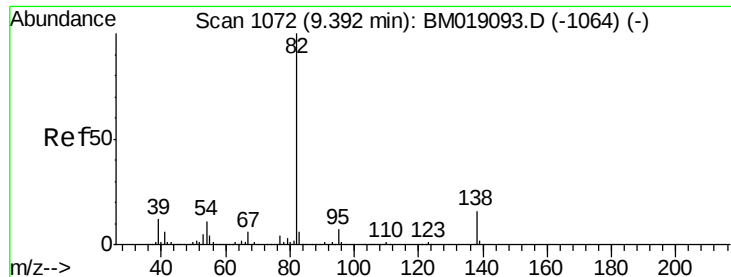
#24
 Nitrobenzene
 Concen: 45.813 ng
 RT: 8.85 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Tgt Ion: 77 Resp: 881689
 Ion Ratio Lower Upper
 77 100
 123 38.9 31.4 47.0
 65 12.9 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)
 Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)
 Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)

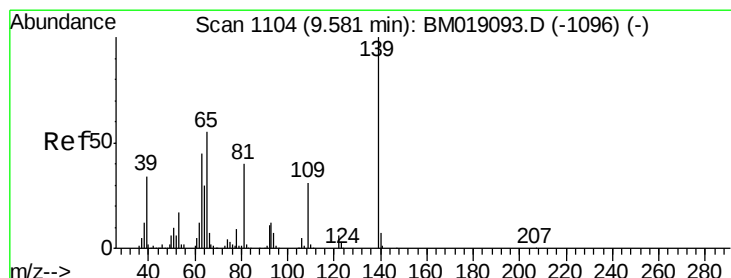
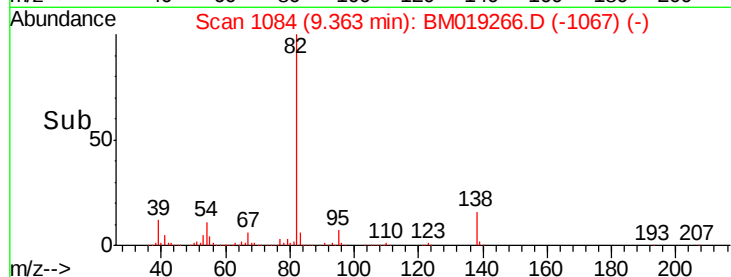
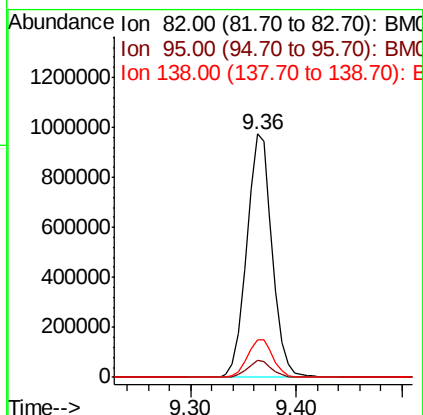
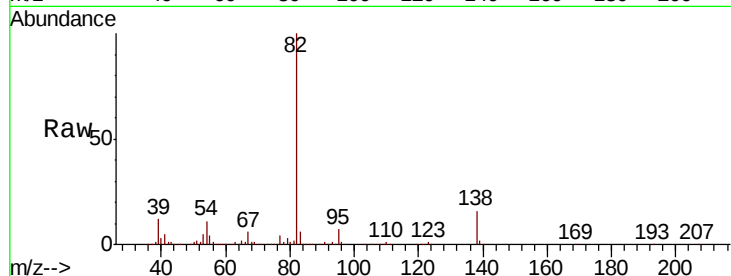




#25
Isophorone
Concen: 45.898 ng
RT: 9.36 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

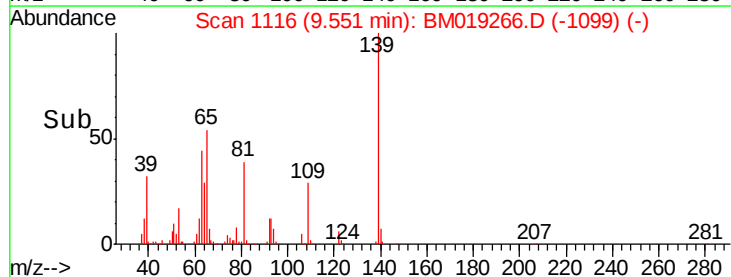
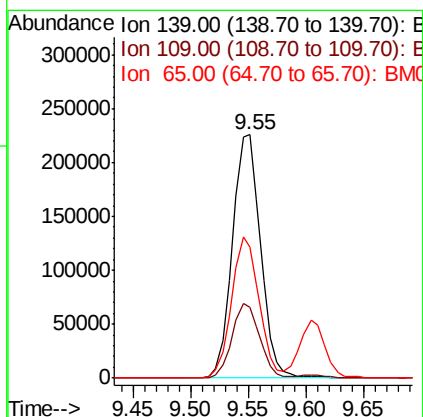
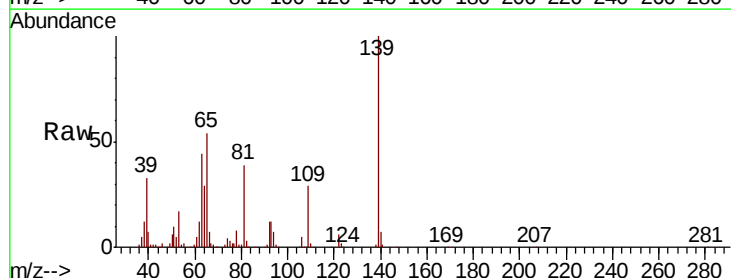
Instrument :
BNA_M
ClientSampleId :

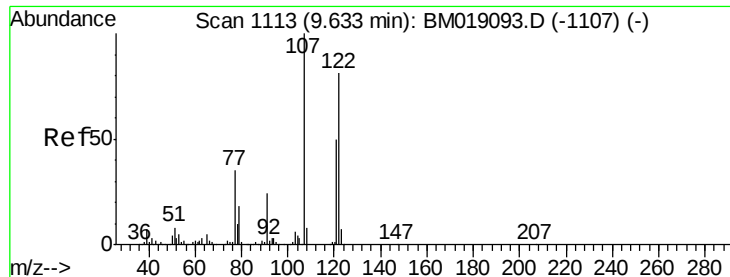
Tot Ion: 82 Resp: 1620678
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 15.6 12.2 18.4



#26
2-Nitrophenol
Concen: 47.901 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion: 139 Resp: 382121
Ion Ratio Lower Upper
139 100
109 29.3 23.8 35.8
65 53.8 43.3 64.9

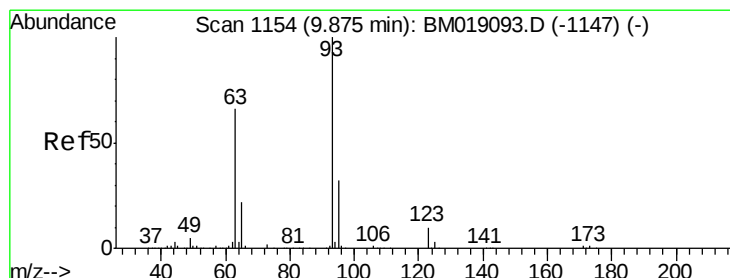
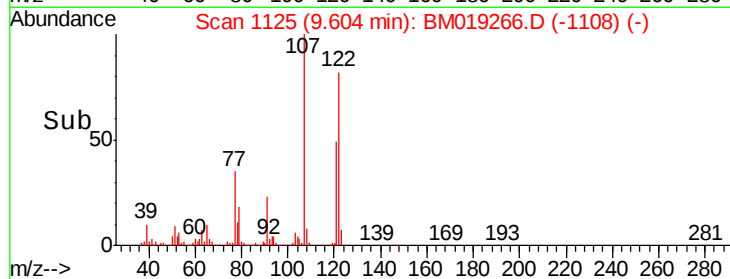
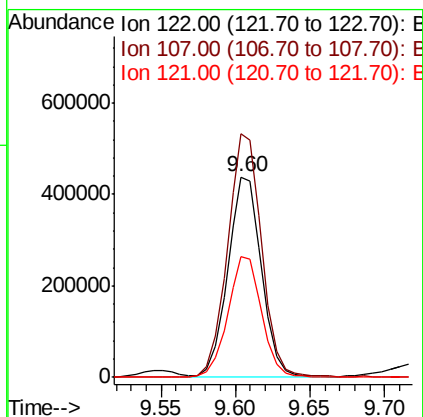
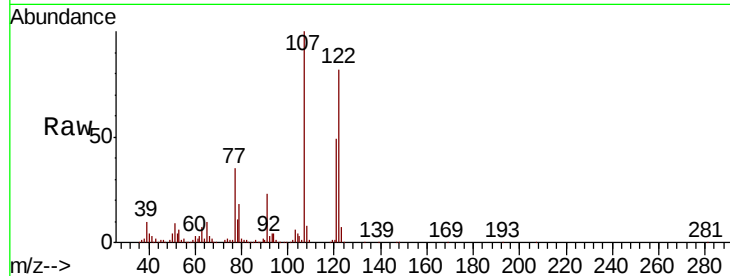




#27
 2,4-Dimethylphenol
 Concen: 57.857 ng
 RT: 9.60 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

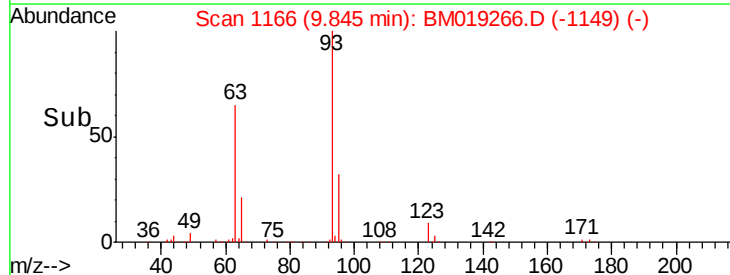
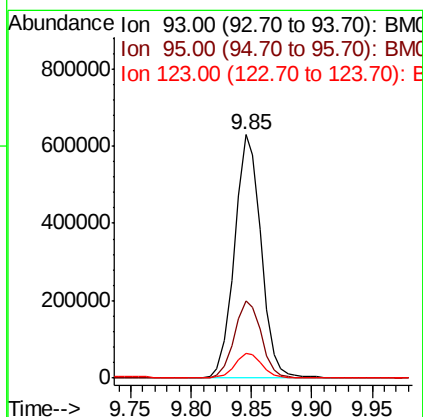
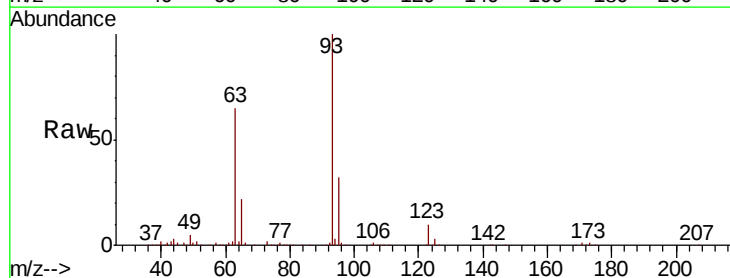
Instrument :
 BNA_M
 ClientSampleId :

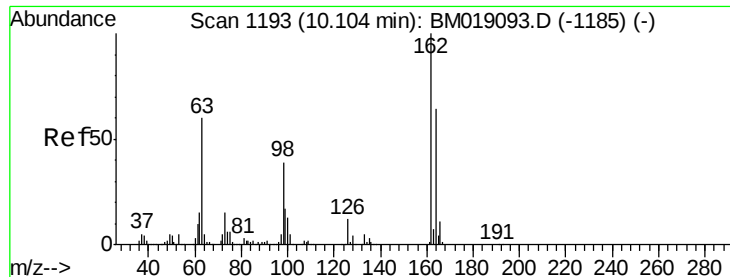
Tot Ion	Ratio	Lower	Upper
122	100		
107	121.7	96.4	144.6
121	60.1	47.6	71.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.315 ng
 RT: 9.85 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	24.7	37.1
123	10.1	8.6	12.8

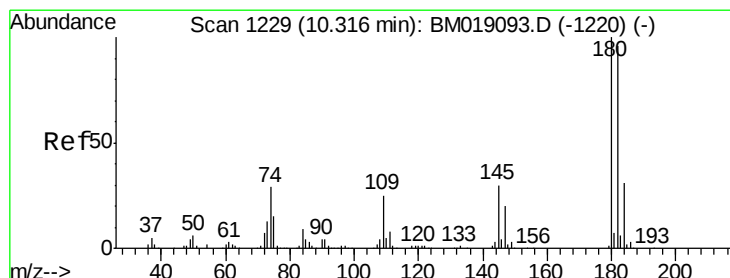
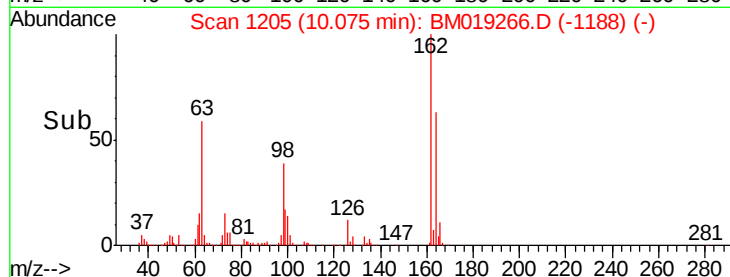
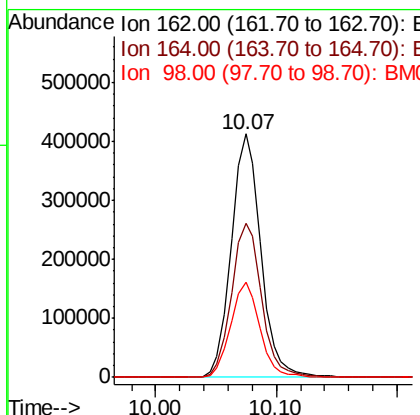
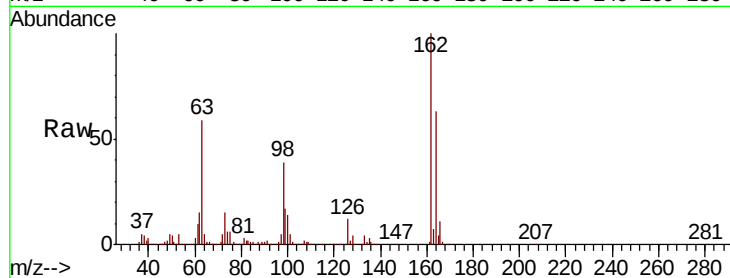




#29
 2,4-Dichlorophenol
 Concen: 53.734 ng
 RT: 10.07 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

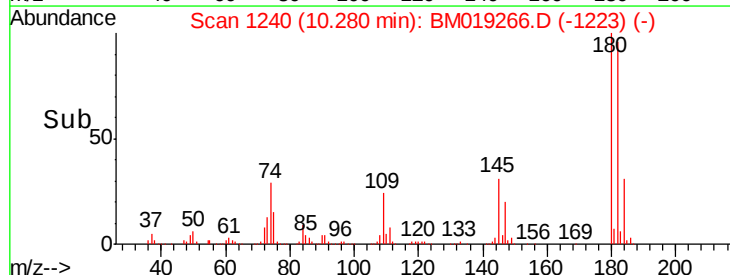
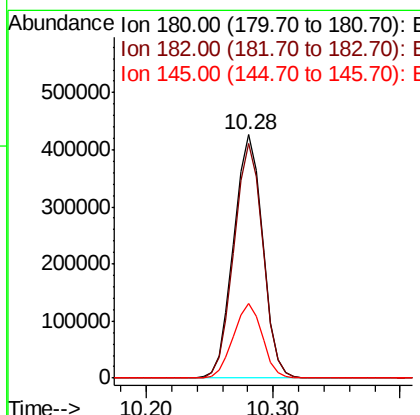
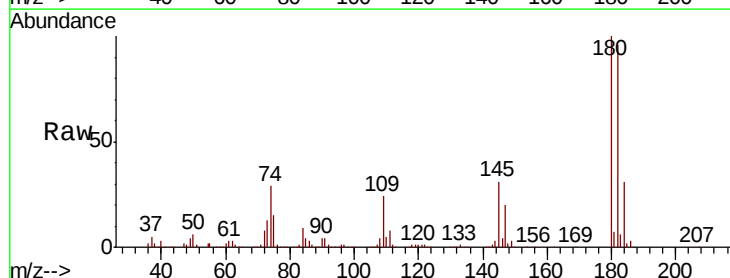
Instrument :
 BNA_M
 ClientSampleId :

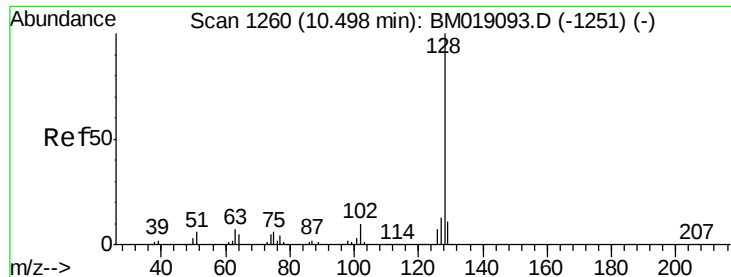
Tot Ion:162 Resp: 705788
 Ion Ratio Lower Upper
 162 100
 164 63.5 45.6 85.6
 98 39.1 18.0 58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 45.846 ng
 RT: 10.28 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Tgt Ion:180 Resp: 679007
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.9 116.9
 145 30.7 24.7 37.1

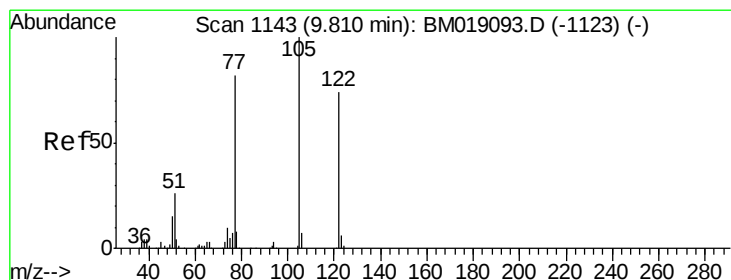
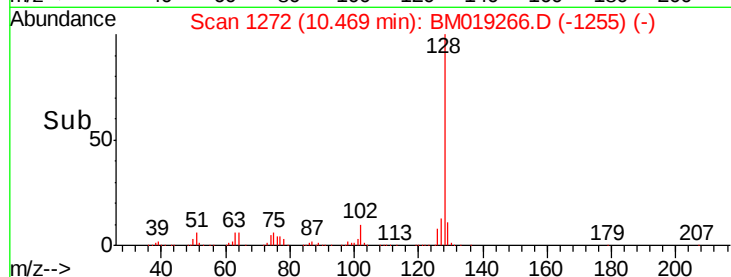
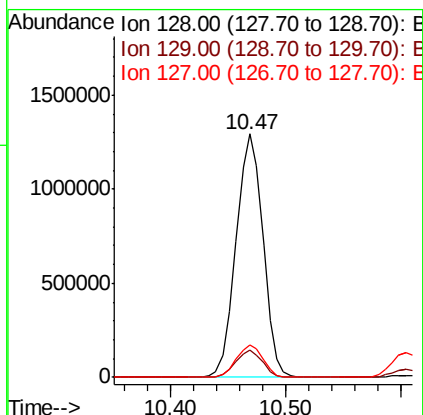
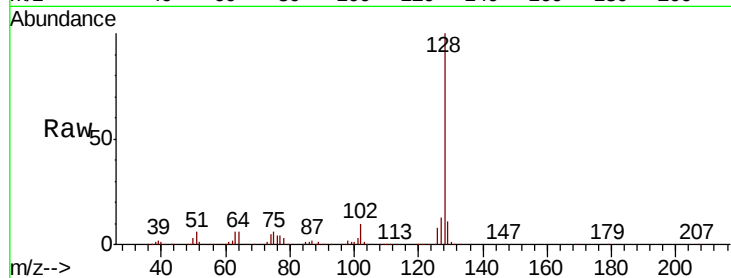




#31
Naphthalene
Concen: 45.273 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

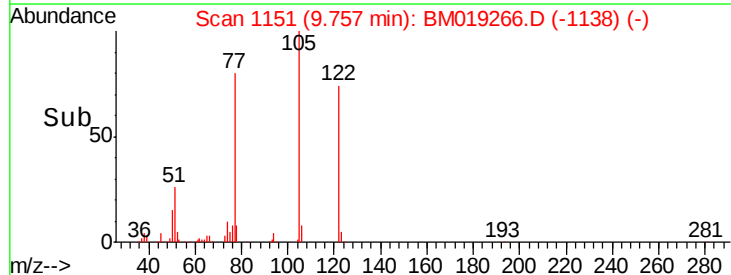
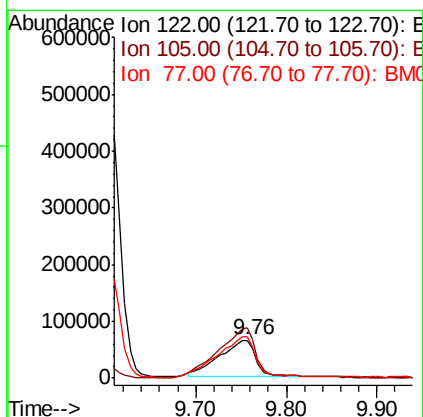
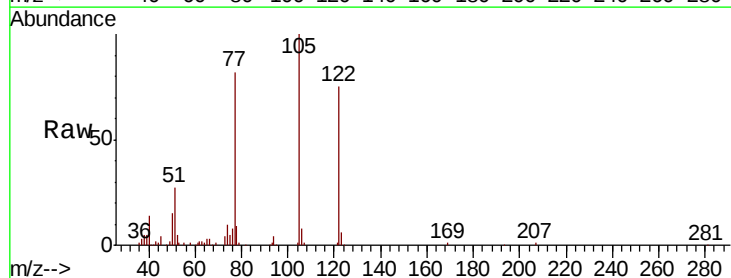
Instrument :
BNA_M
ClientSampleId :

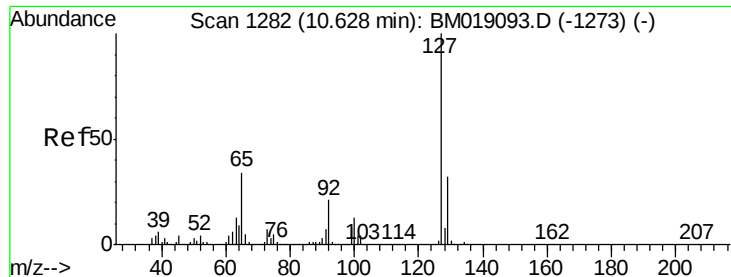
Tot Ion:128 Resp: 2087304
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 18.240 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:122 Resp: 183203
Ion Ratio Lower Upper
122 100
105 133.3 115.6 155.6
77 109.5 93.8 133.8

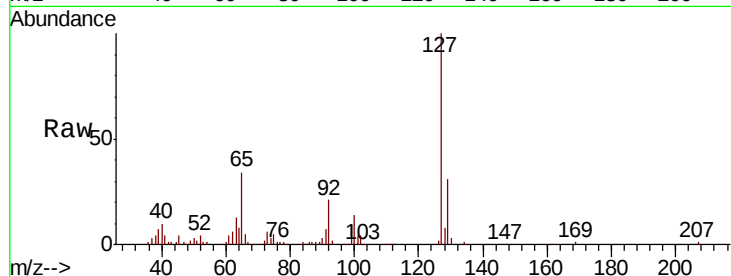




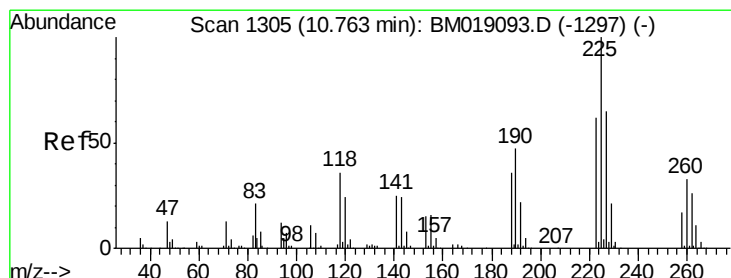
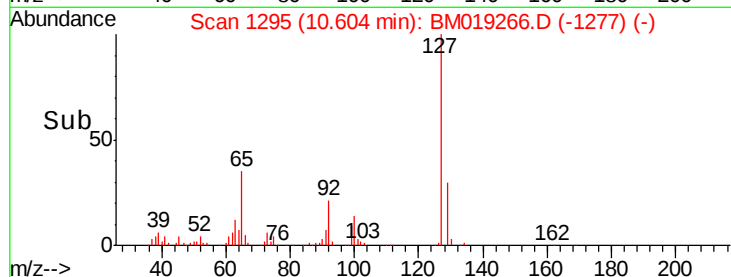
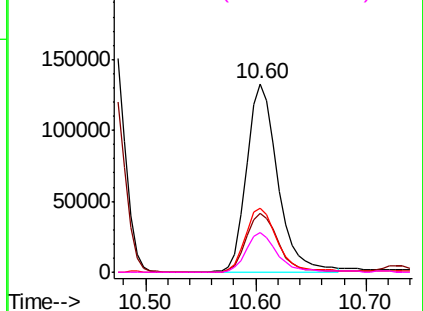
#33
4-Chloroaniline
Concen: 14.038 ng
RT: 10.60 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	265319
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	34.0	27.5	41.3
92	20.9	17.0	25.4

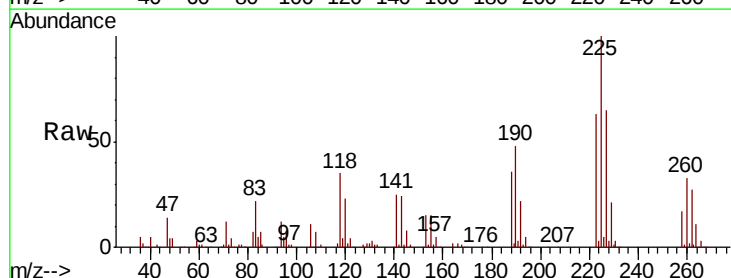


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

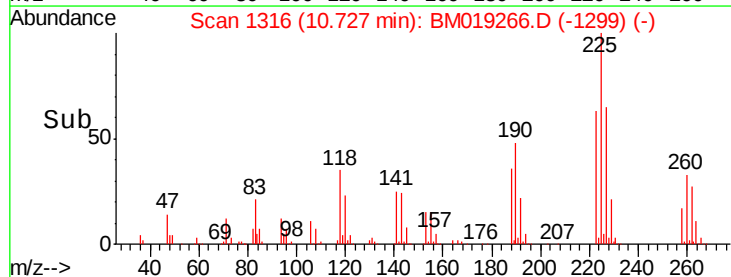
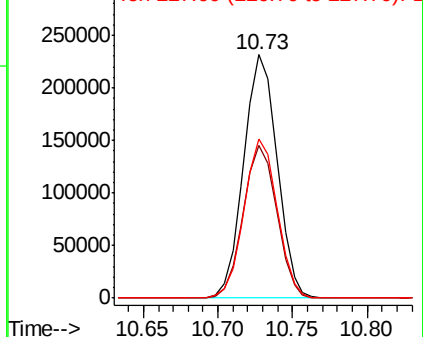


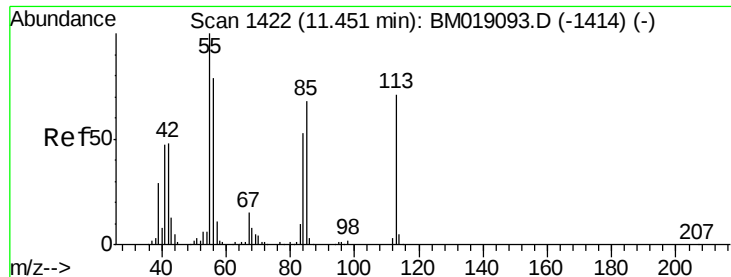
#34
Hexachlorobutadiene
Concen: 42.300 ng
RT: 10.73 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:	225	Resp:	359521
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	65.4	51.0	76.6



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: 20.635 ng

RT: 11.43 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampled :

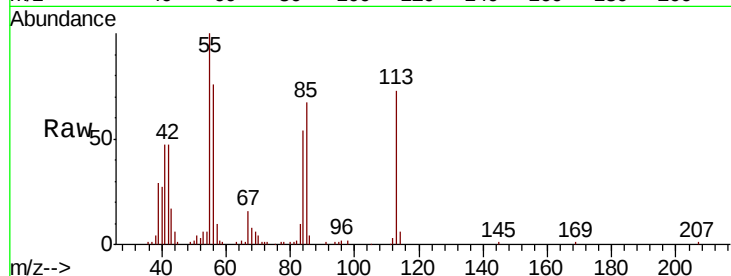
Tot Ion:113 Resp: 96550

Ion Ratio Lower Upper

113 100

55 136.9 120.1 160.1

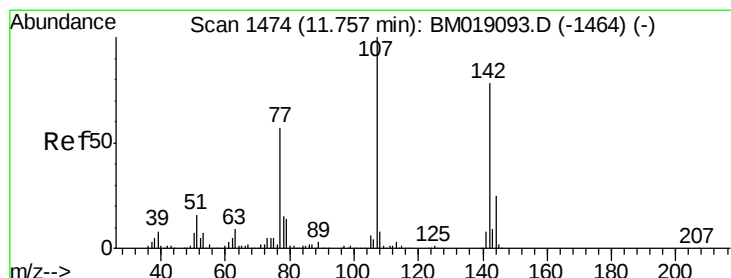
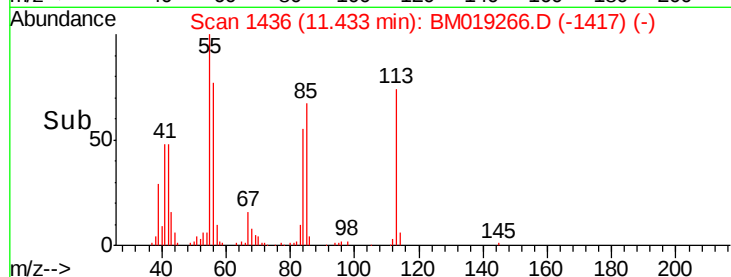
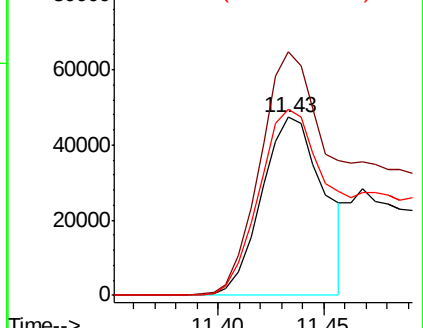
56 104.5 91.6 131.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 50.207 ng

RT: 11.73 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

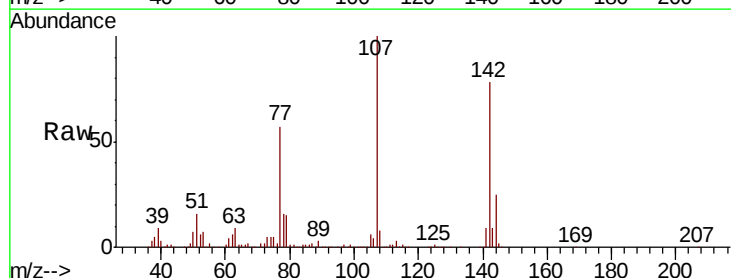
Tgt Ion:107 Resp: 813694

Ion Ratio Lower Upper

107 100

144 25.3 20.1 30.1

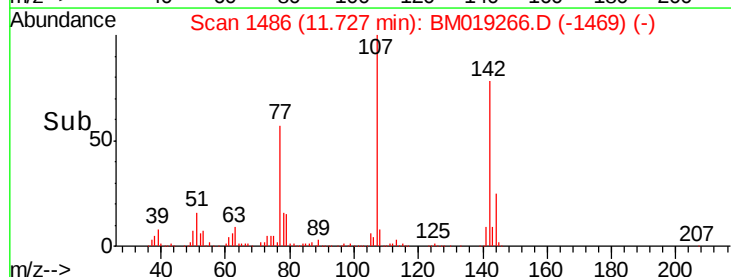
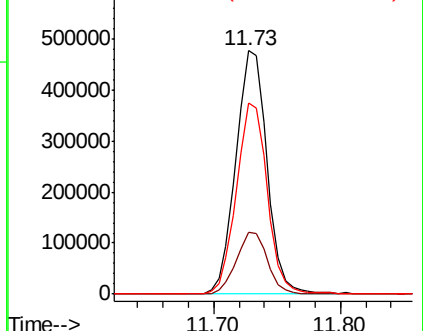
142 78.3 62.1 93.1

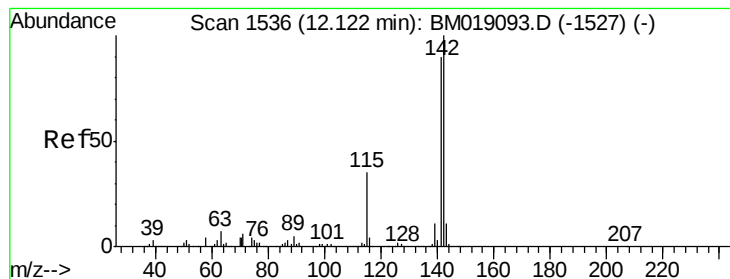


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.048 ng

RT: 12.09 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampled :

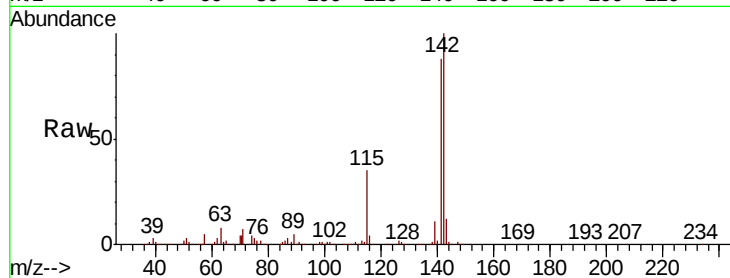
Tot Ion:142 Resp: 1576255

Ion Ratio Lower Upper

142 100

141 87.9 71.9 107.9

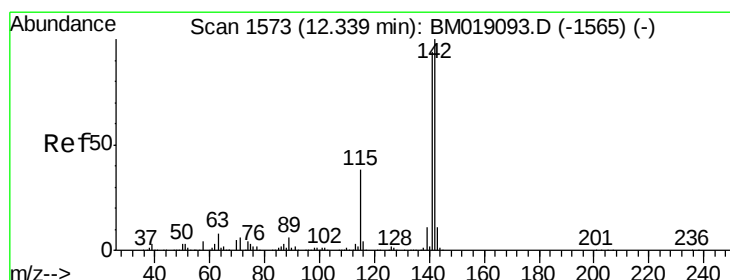
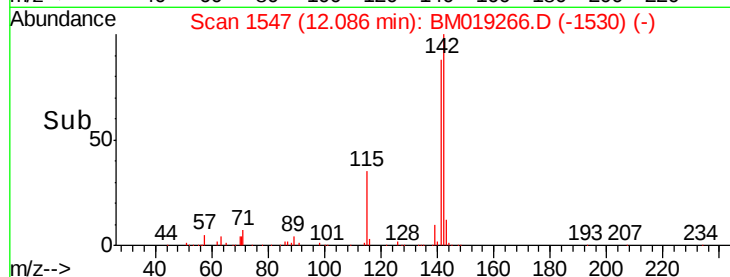
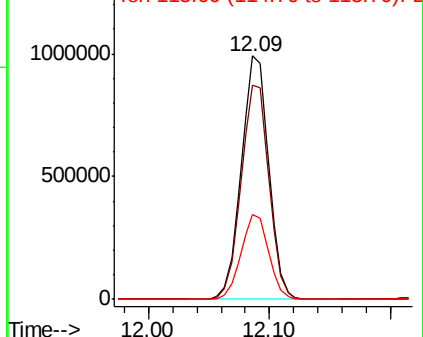
115 34.8 27.7 41.5



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: 45.426 ng

RT: 12.31 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

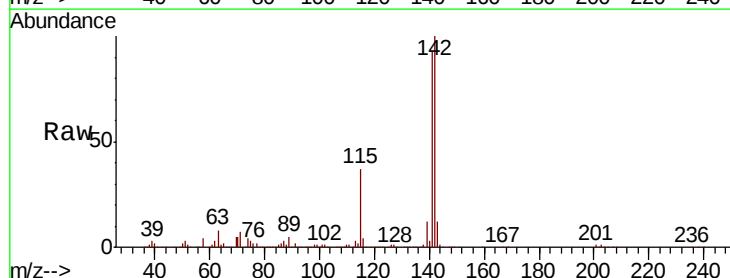
Tgt Ion:142 Resp: 1500087

Ion Ratio Lower Upper

142 100

141 93.0 75.2 112.8

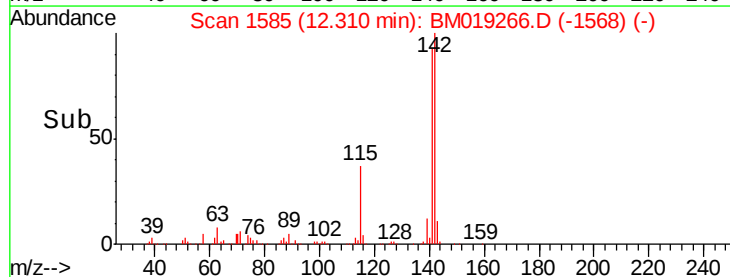
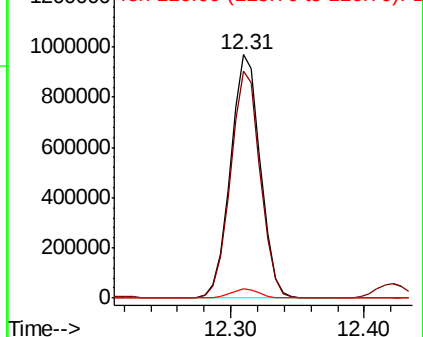
116 3.8 3.0 4.6

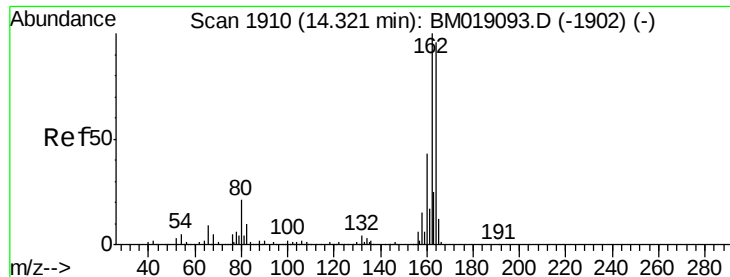


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.29 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampled :

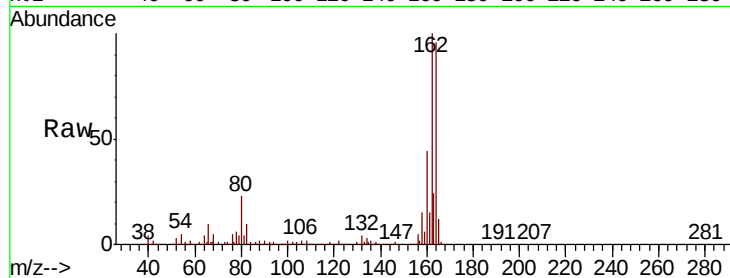
Tot Ion:164 Resp: 530475

Ion Ratio Lower Upper

164 100

162 104.4 84.1 126.1

160 45.5 36.5 54.7

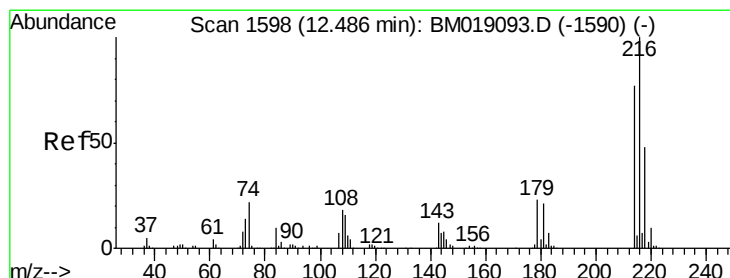
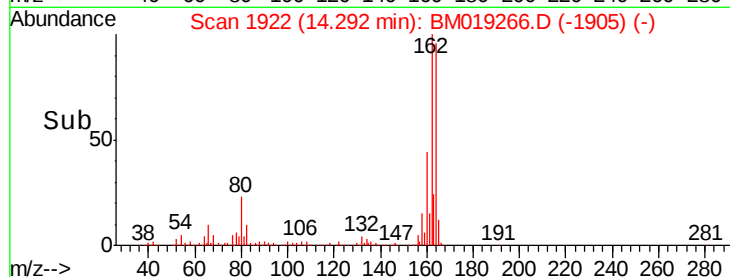
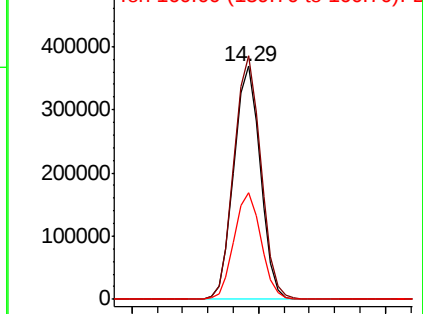


Abundance

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: 45.002 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Tgt Ion:216 Resp: 755140

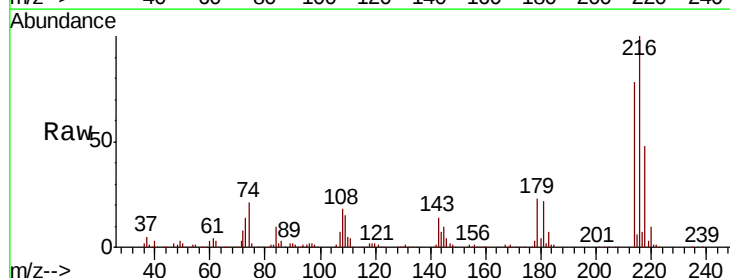
Ion Ratio Lower Upper

216 100

214 78.1 62.7 94.1

179 22.7 18.0 27.0

108 17.9 15.8 23.6



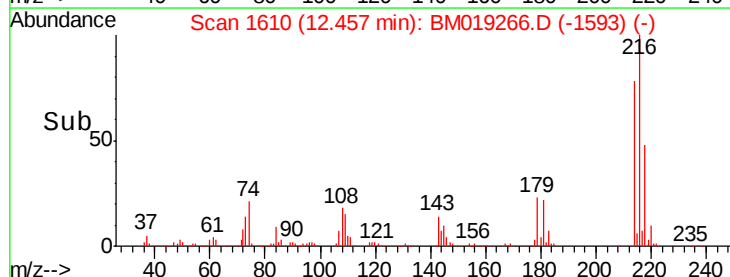
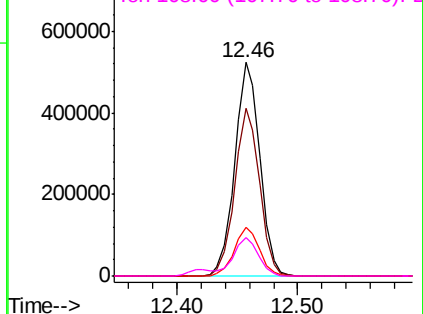
Abundance

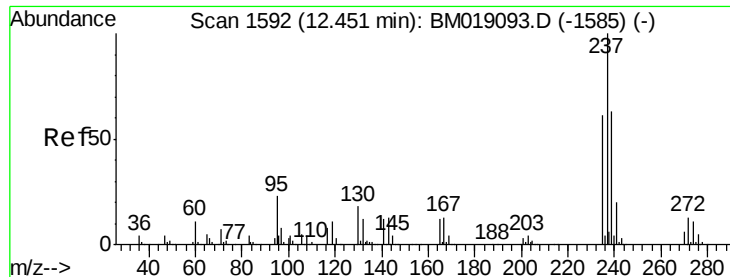
Ion 216.00 (215.70 to 216.70): E

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

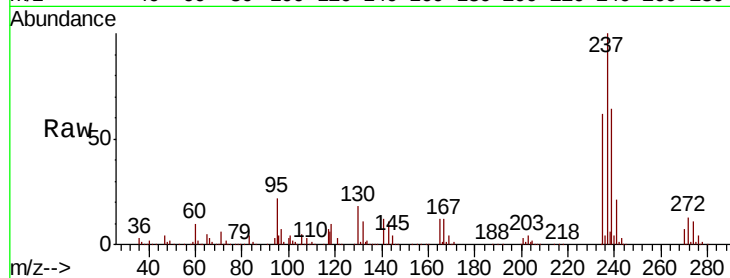




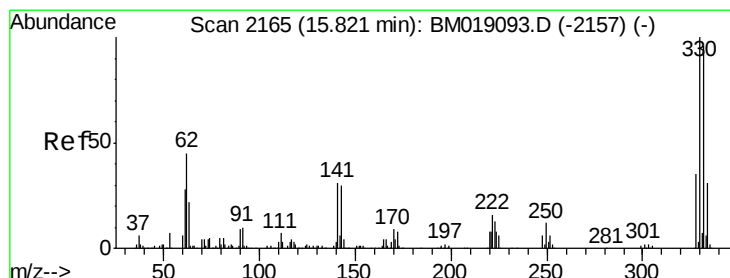
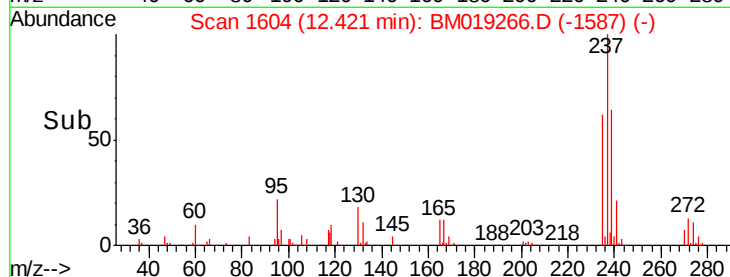
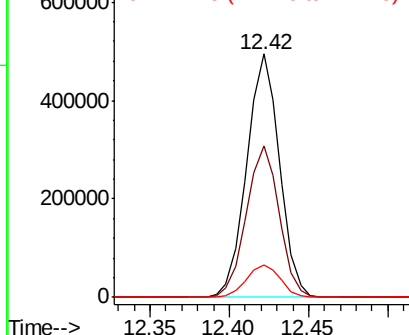
#41
Hexachlorocyclopentadiene
Concen: 93.356 ng
RT: 12.42 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 709579
Ion Ratio Lower Upper
237 100
235 62.3 42.8 82.8
272 13.3 0.0 33.3

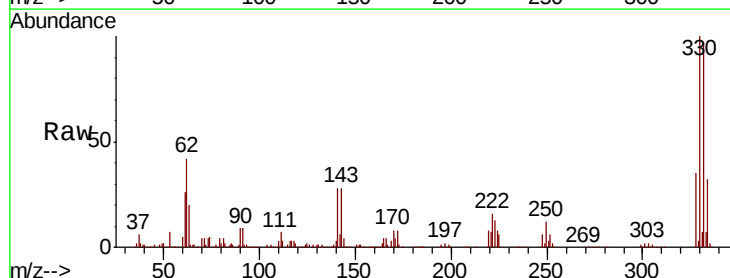


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

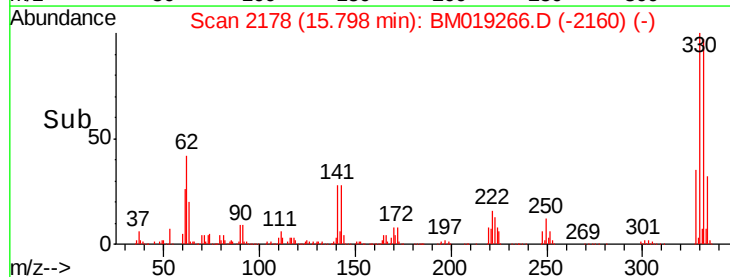
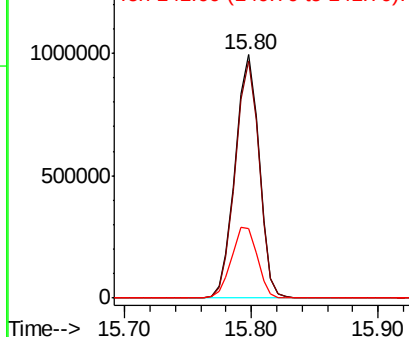


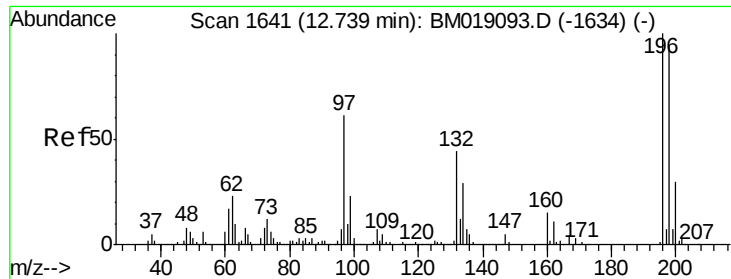
#42
2,4,6-Tribromophenol
Concen: 166.581 ng
RT: 15.80 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:330 Resp: 1304707
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 31.1 25.7 38.5



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

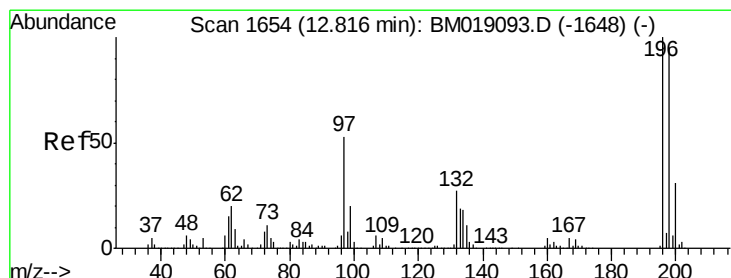
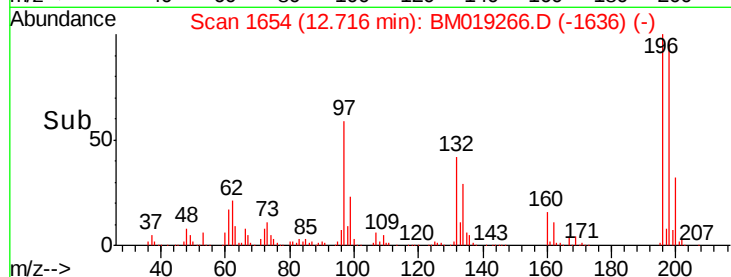
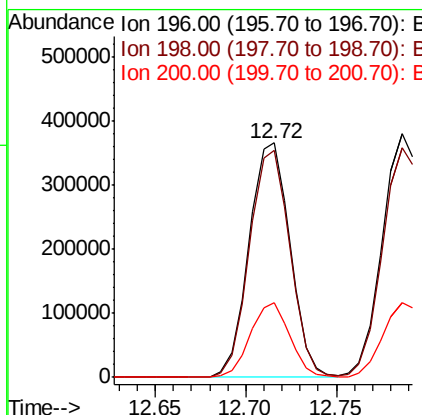
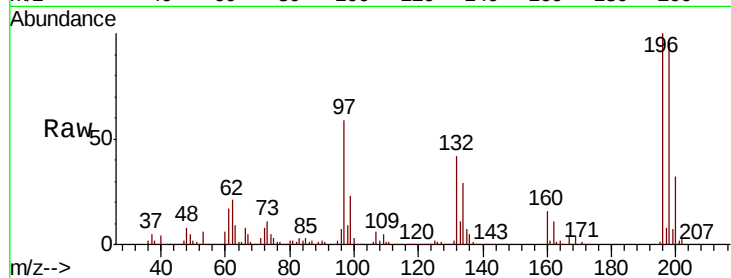




#43
 2,4,6-Trichlorophenol
 Concen: 52.997 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

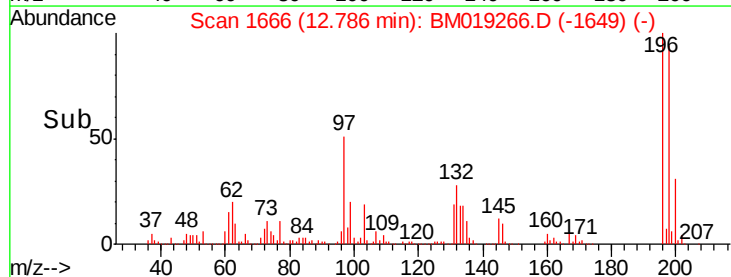
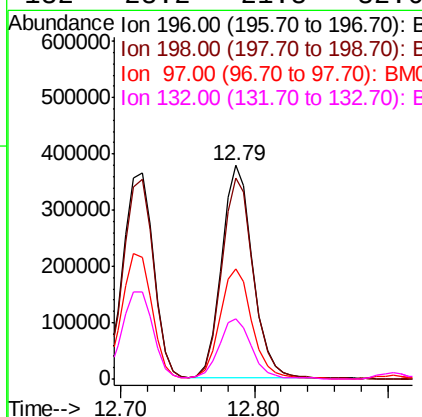
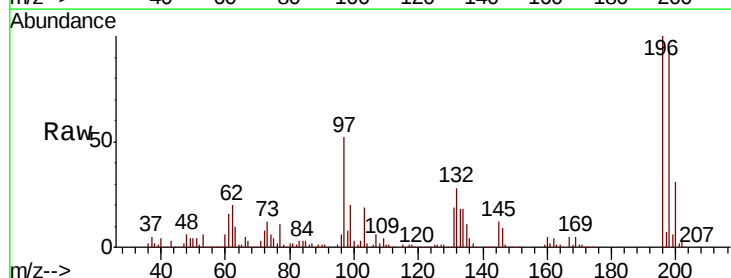
Instrument :
 BNA_M
 ClientSampled :

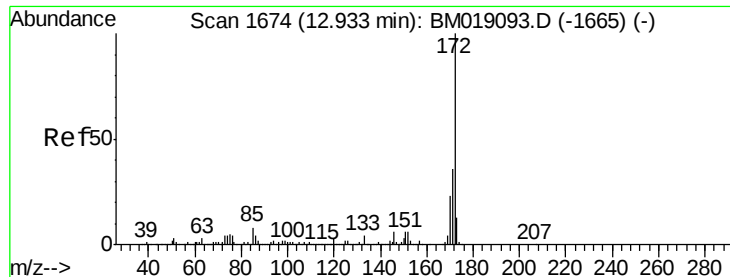
Tot Ion:196 Resp: 574705
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.2 114.2
 200 31.7 23.7 35.5



#44
 2,4,5-Trichlorophenol
 Concen: 53.375 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Tgt Ion:196 Resp: 618938
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 97 51.7 41.5 62.3
 132 28.2 21.8 32.6

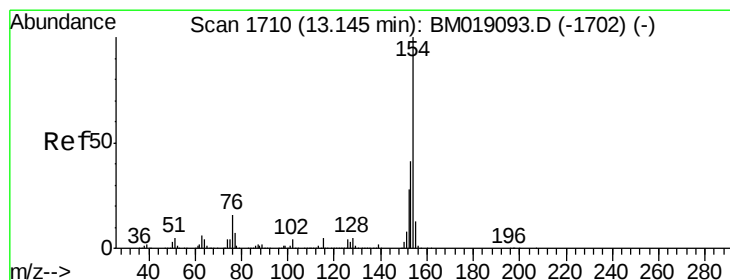
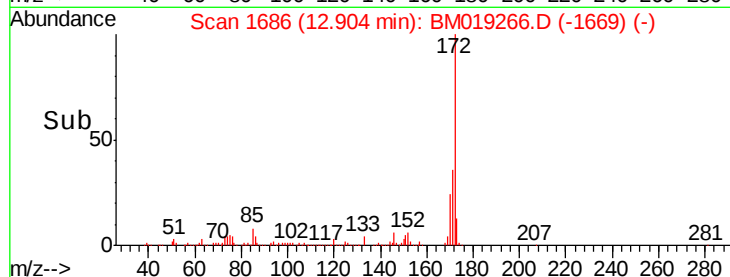
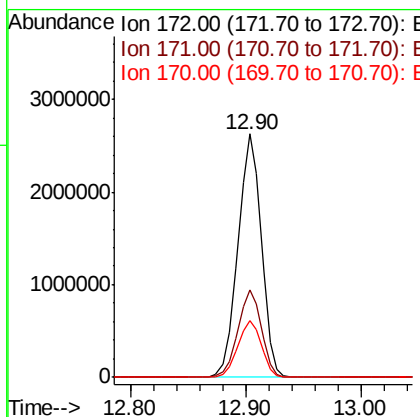
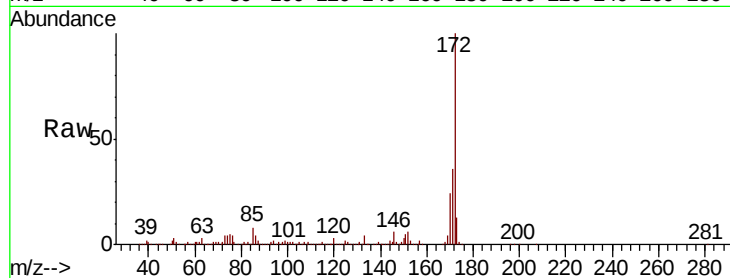




#45
2-Fluorobiphenyl
Concen: 90.051 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

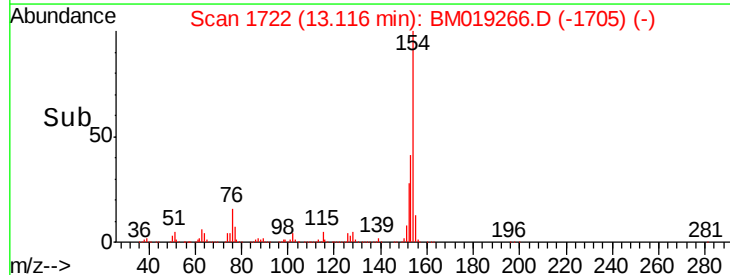
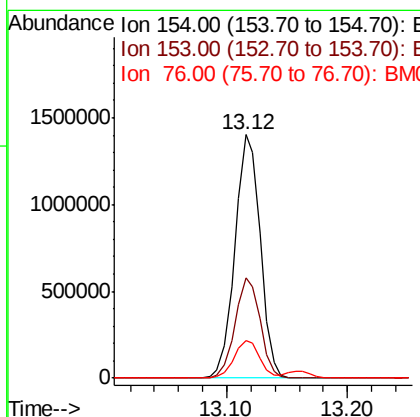
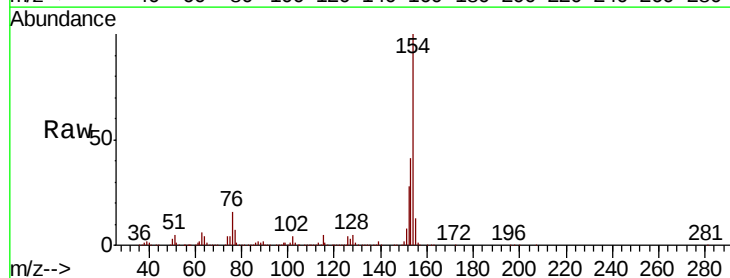
Instrument :
BNA_M
ClientSampleId :

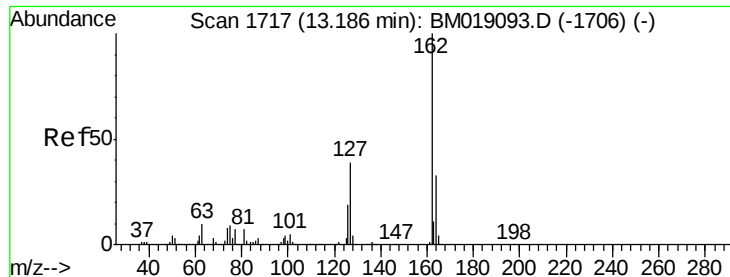
Tot Ion:172 Resp: 3672455
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 23.5 18.9 28.3



#46
1,1'-Biphenyl
Concen: 44.161 ng
RT: 13.12 min Scan# 1722
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:154 Resp: 2045872
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 15.5 0.0 35.9

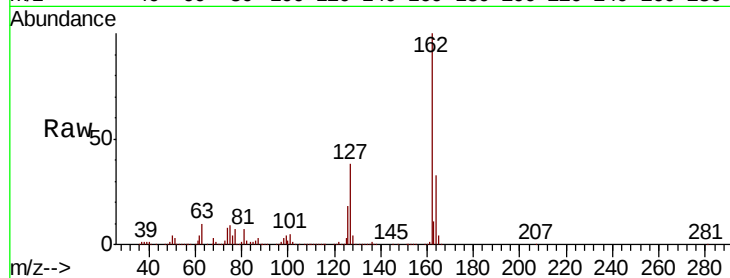




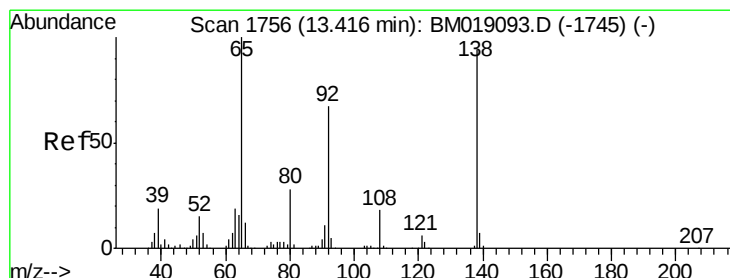
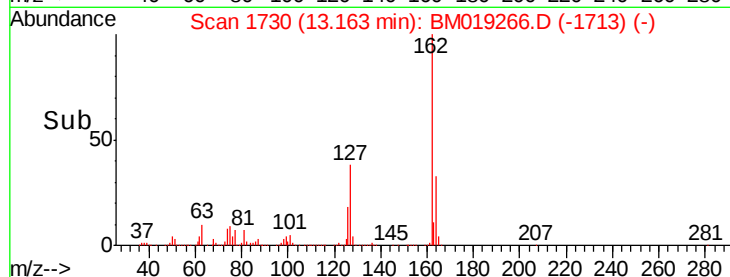
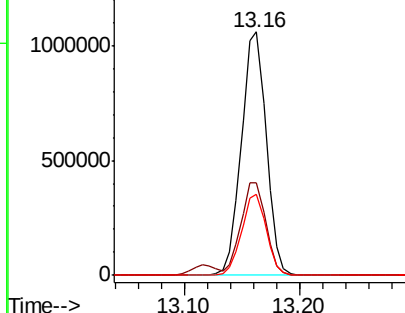
#47
 2-Chloronaphthalene
 Concen: 46.025 ng
 RT: 13.16 min Scan# 1730
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:162 Resp: 1591559
 Ion Ratio Lower Upper
 162 100
 127 38.0 30.7 46.1
 164 33.0 26.1 39.1

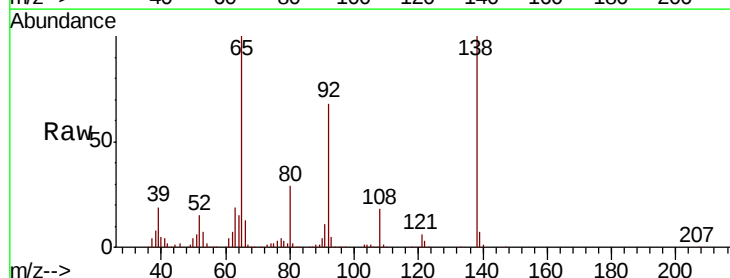


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

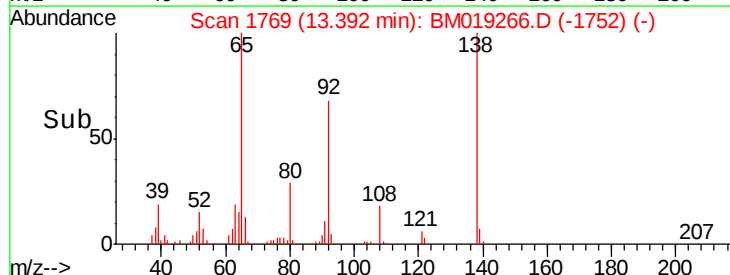
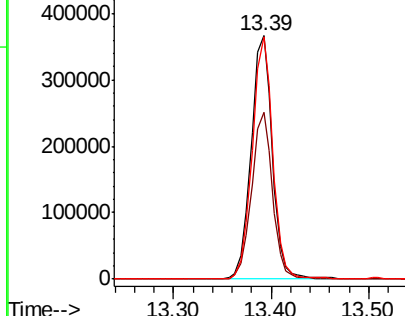


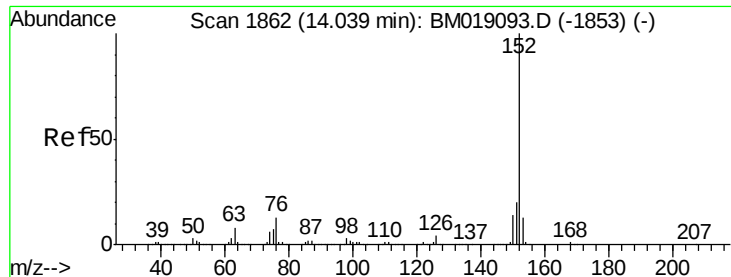
#48
 2-Nitroaniline
 Concen: 48.528 ng
 RT: 13.39 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Tgt Ion: 65 Resp: 562785
 Ion Ratio Lower Upper
 65 100
 92 68.3 54.0 81.0
 138 99.6 78.3 117.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.069 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampled :

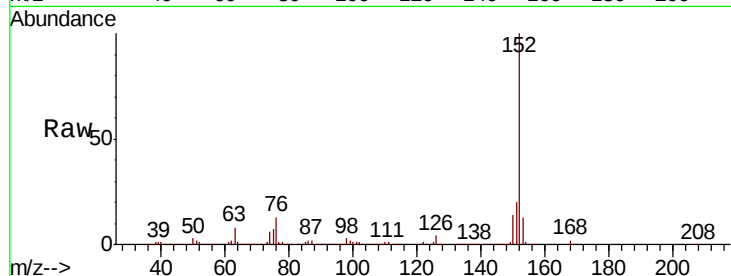
Tot Ion:152 Resp: 2635193

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

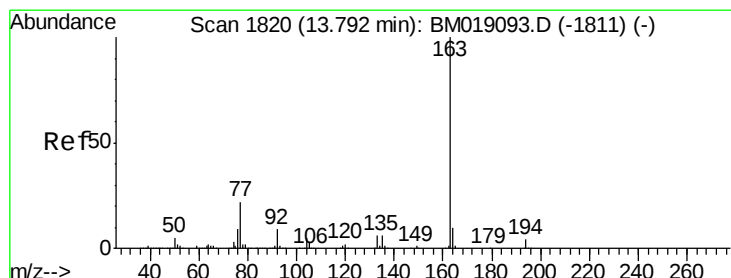
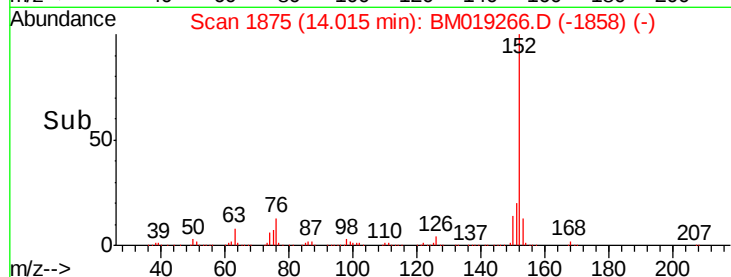
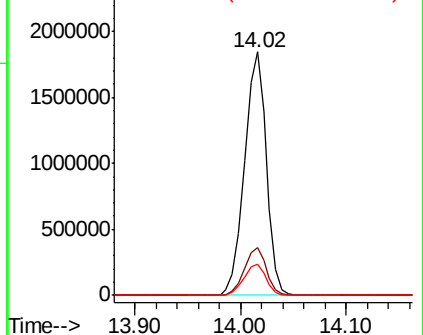
153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.816 ng

RT: 13.77 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

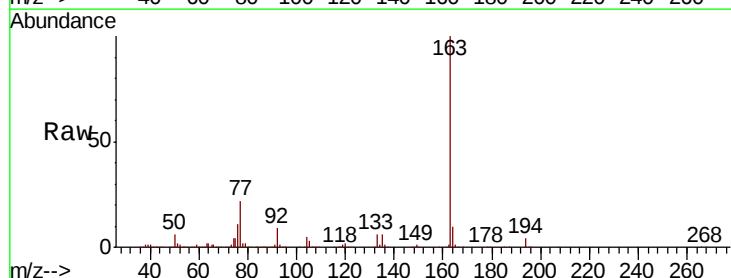
Tgt Ion:163 Resp: 2442146

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

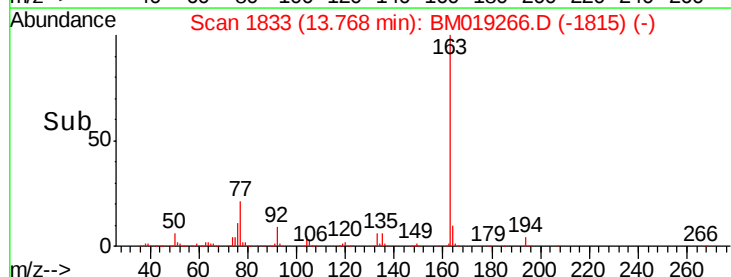
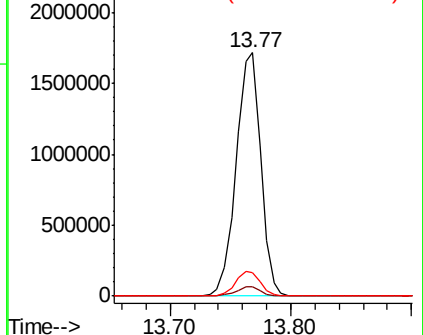
164 9.9 8.2 12.2

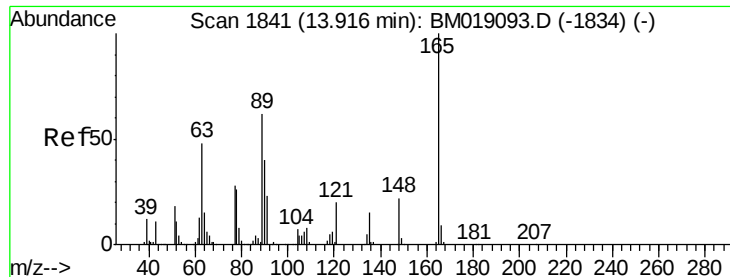


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.138 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

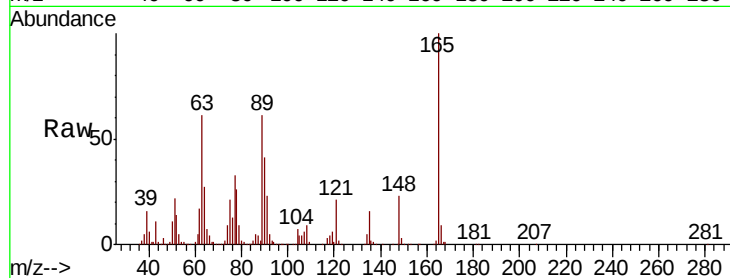
Tot Ion:165 Resp: 472220

Ion Ratio Lower Upper

165 100

63 61.0 46.7 70.1

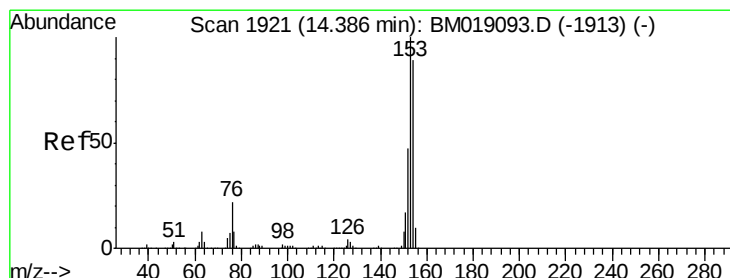
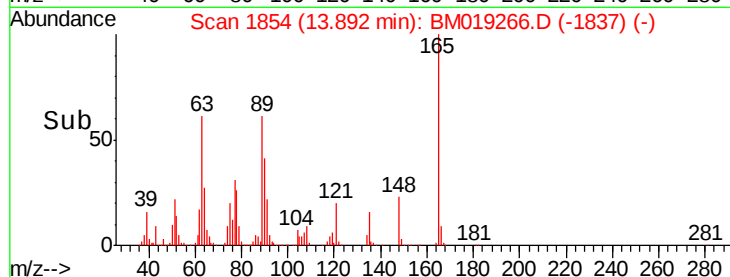
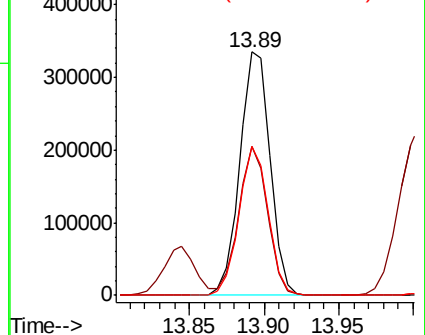
89 61.3 47.7 71.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 45.656 ng

RT: 14.36 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

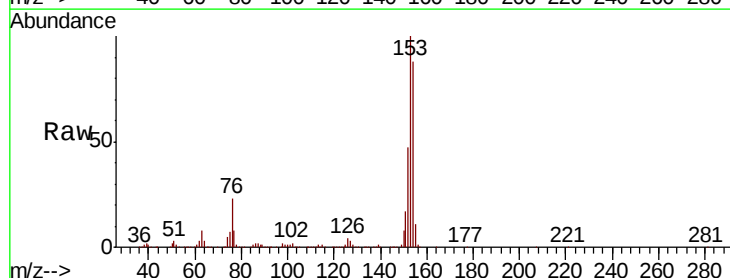
Tgt Ion:154 Resp: 1533923

Ion Ratio Lower Upper

154 100

153 114.2 91.0 136.4

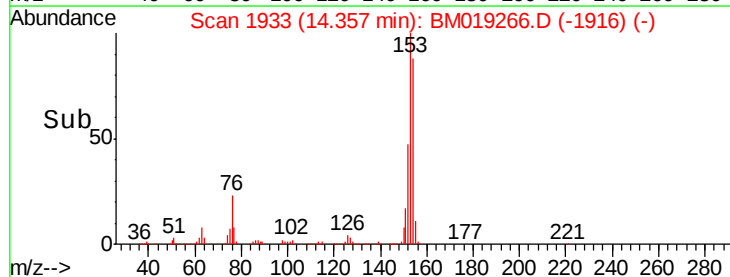
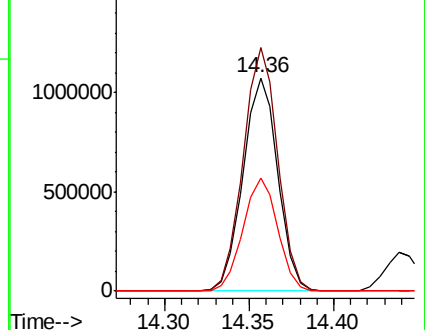
152 53.2 42.1 63.1

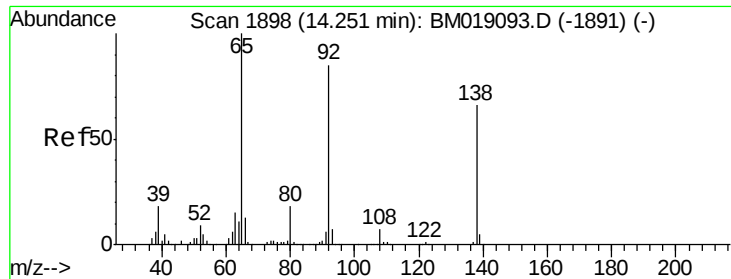


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

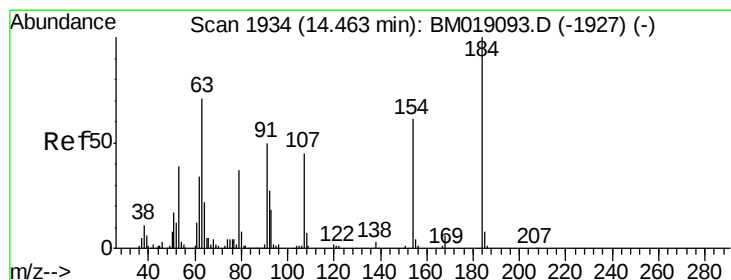
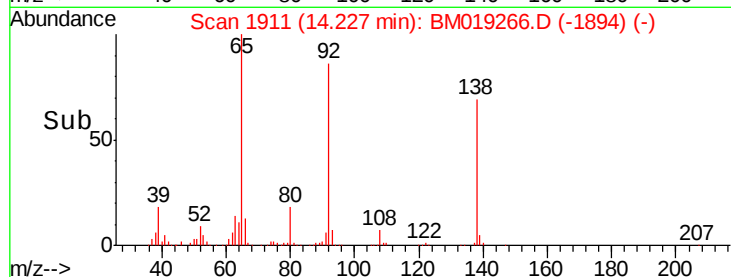
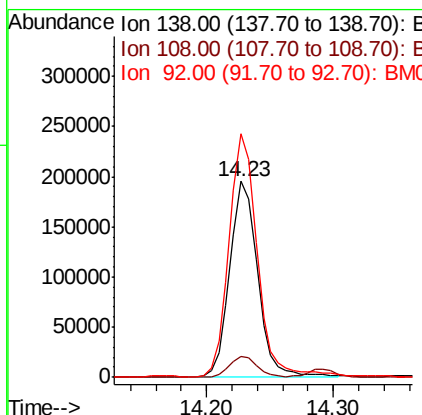
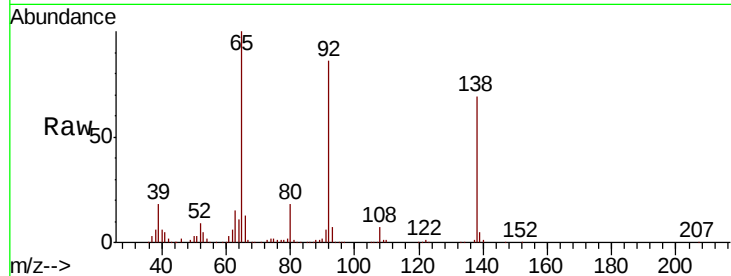




#53
3-Nitroaniline
Concen: 28.872 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

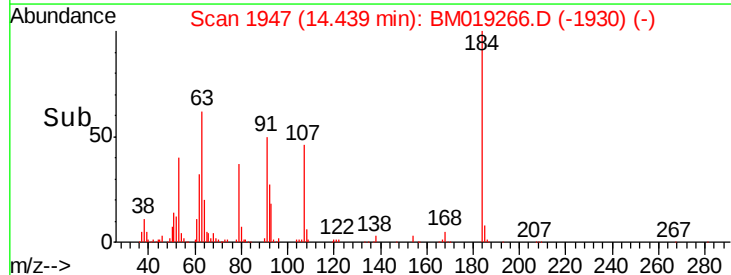
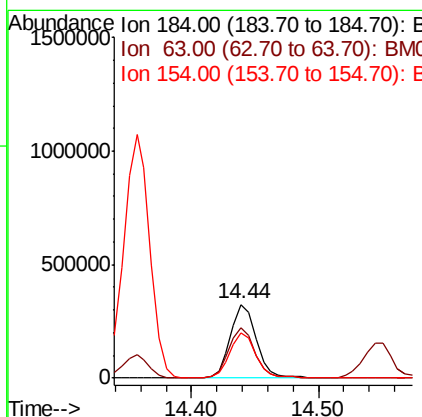
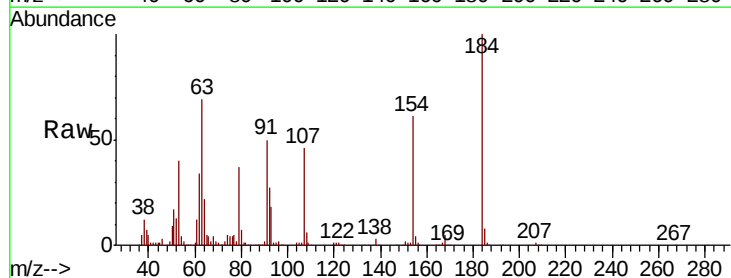
Instrument :
BNA_M
ClientSampleId :

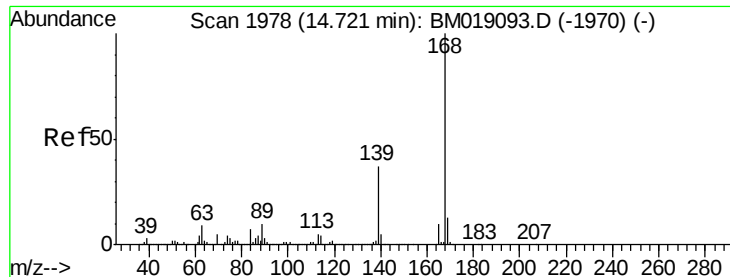
Tot Ion:138 Resp: 299975
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 124.4 100.2 150.2



#54
2,4-Dinitrophenol
Concen: 81.957 ng
RT: 14.44 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:184 Resp: 466906
Ion Ratio Lower Upper
184 100
63 68.7 55.7 83.5
154 61.1 48.6 73.0





#55

Dibenzenofuran

Concen: 45.641 ng

RT: 14.70 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

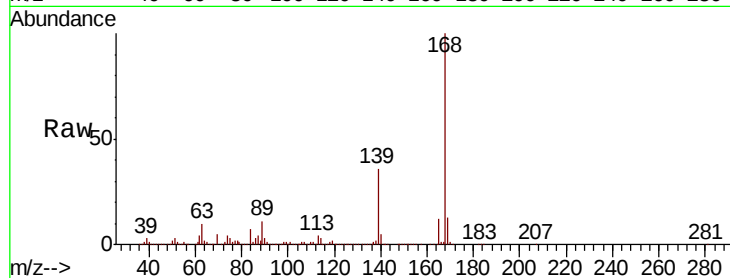
Tot Ion:168 Resp: 2472909

Ion Ratio Lower Upper

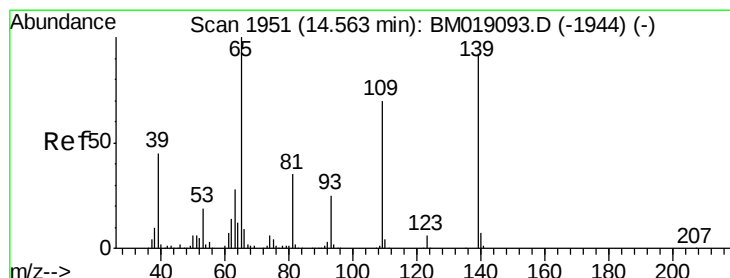
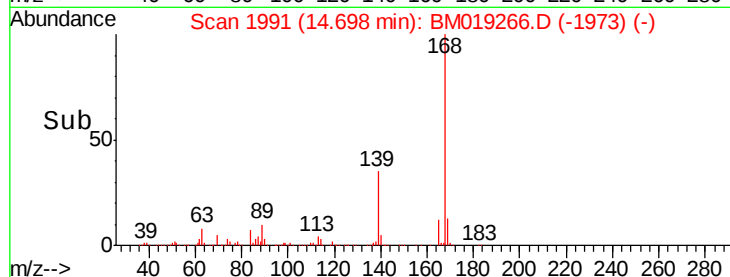
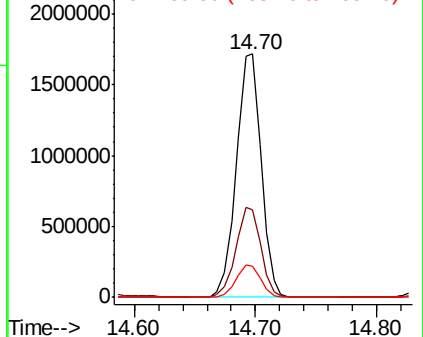
168 100

139 36.1 29.8 44.6

169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.761 ng

RT: 14.55 min Scan# 1966

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

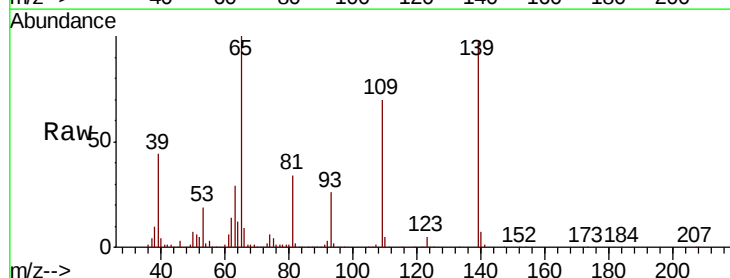
Tgt Ion:139 Resp: 820813

Ion Ratio Lower Upper

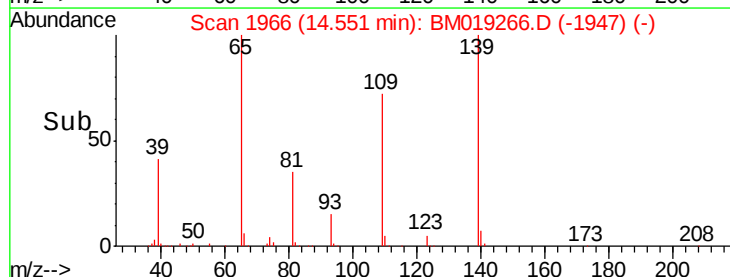
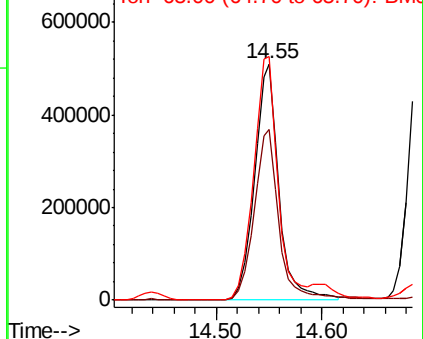
139 100

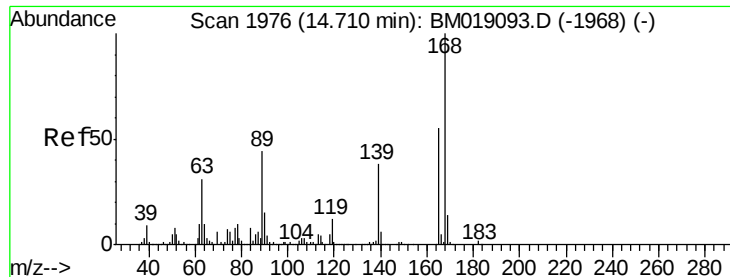
109 72.2 55.0 95.0

65 103.2 87.8 127.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

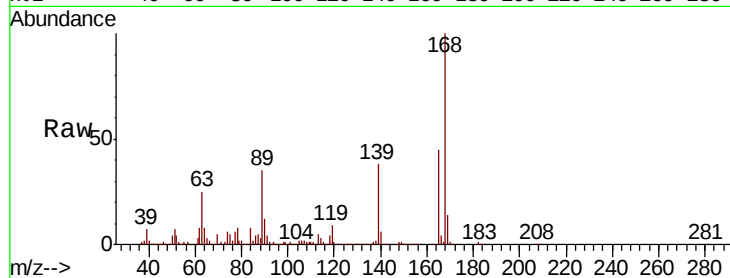




#57
2,4-Dinitrotoluene
Concen: 47.124 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.8	47.2	70.8
89	78.6	65.5	98.3
182	2.8	2.2	3.4



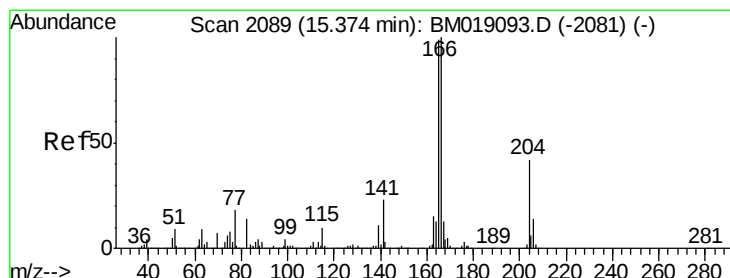
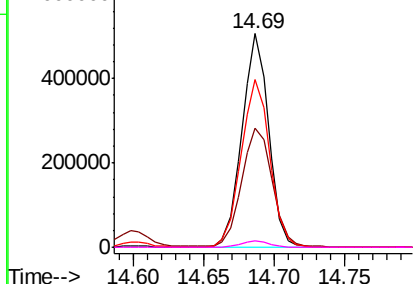
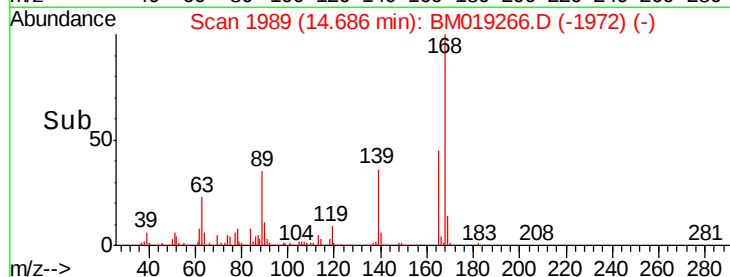
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

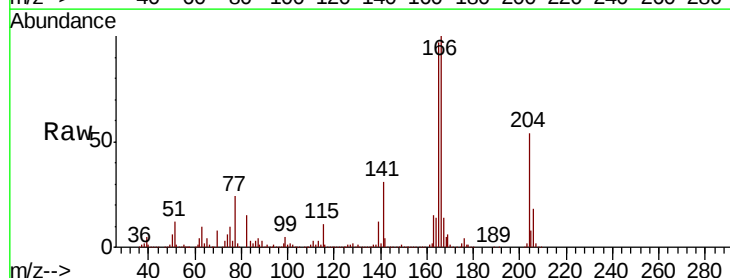
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.893 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	118.0
167	13.6	10.7	16.1

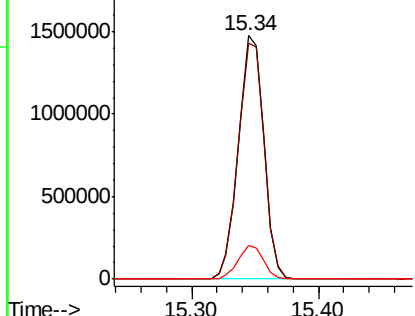
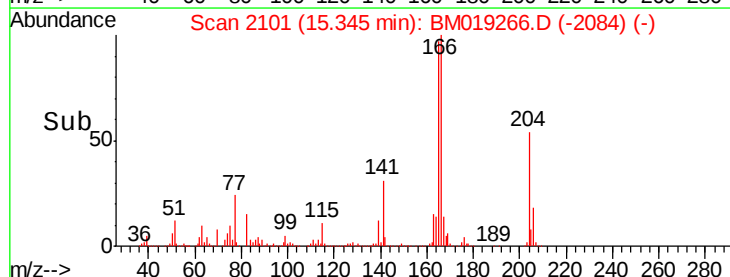


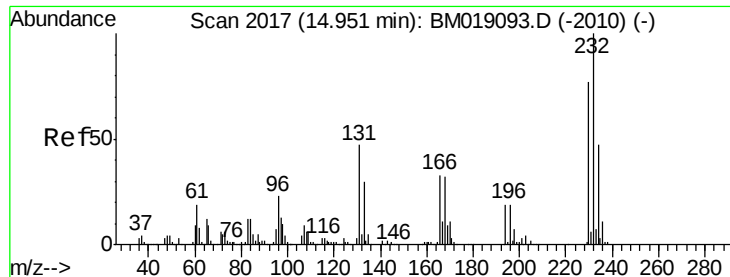
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.512 ng

RT: 14.93 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 556095

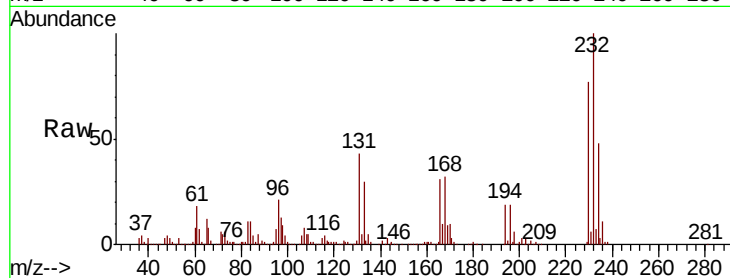
Ion Ratio Lower Upper

232 100

131 45.9 37.2 55.8

130 2.5 2.0 3.0

166 32.5 27.0 40.4

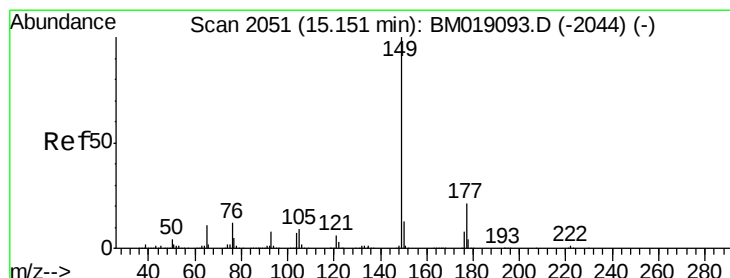
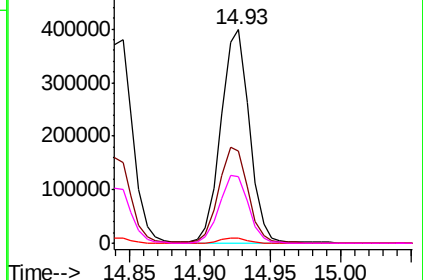
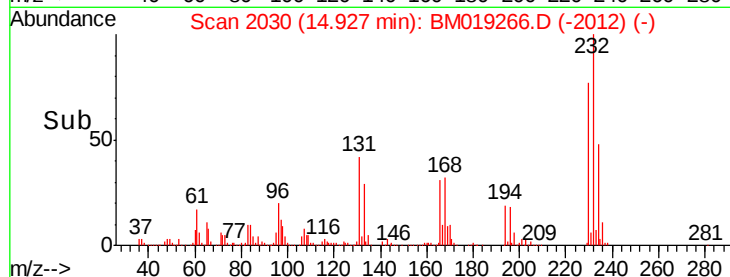


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.856 ng

RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

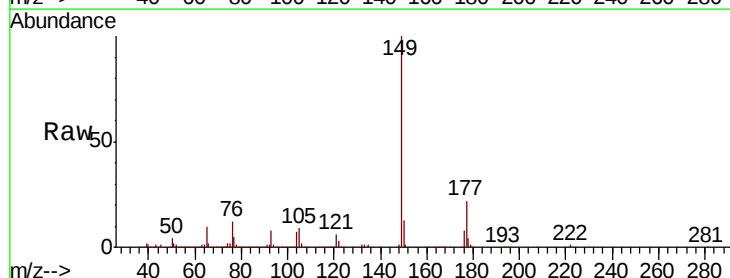
Tgt Ion:149 Resp: 2153519

Ion Ratio Lower Upper

149 100

177 21.5 17.4 26.0

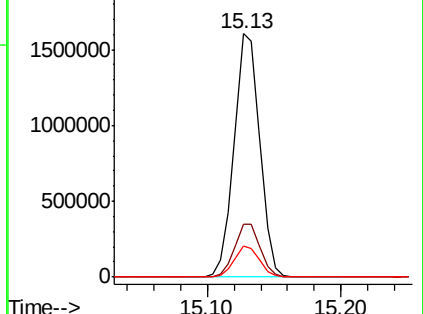
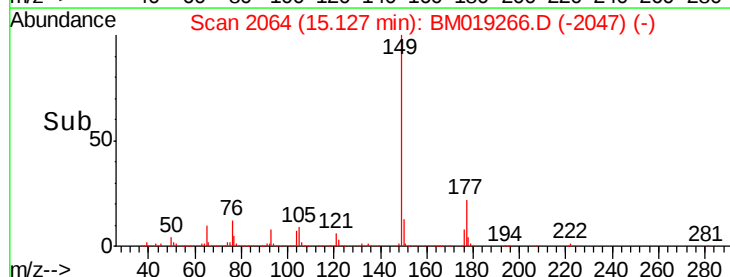
150 12.6 10.1 15.1

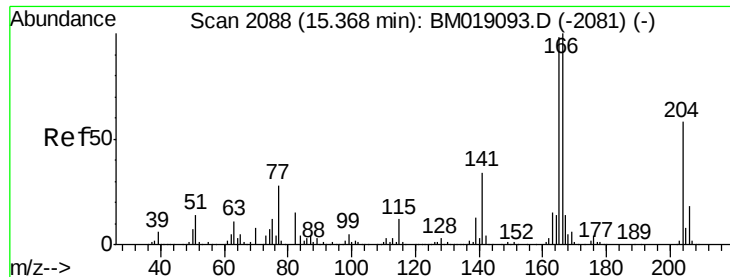


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

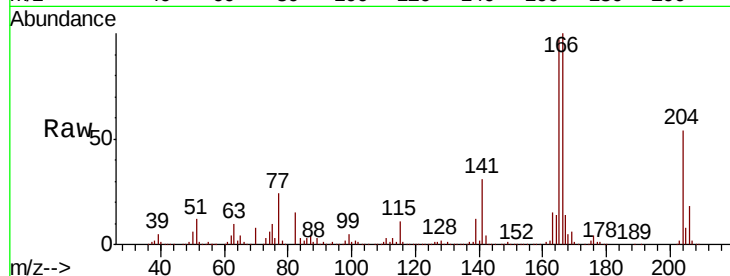




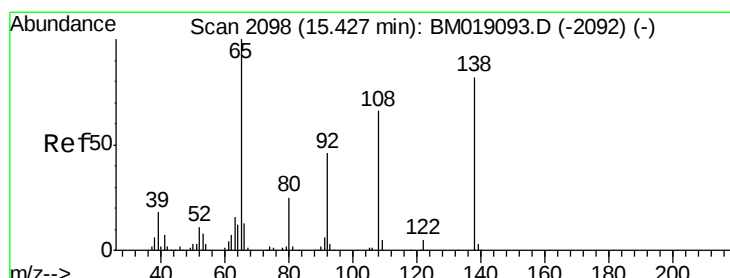
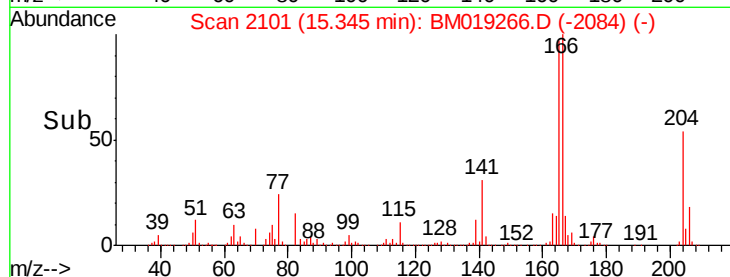
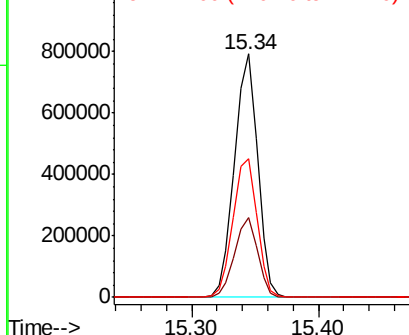
#61
4-Chlorophenyl-phenylether
Concen: 46.173 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 1001547
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 57.1 45.8 68.8

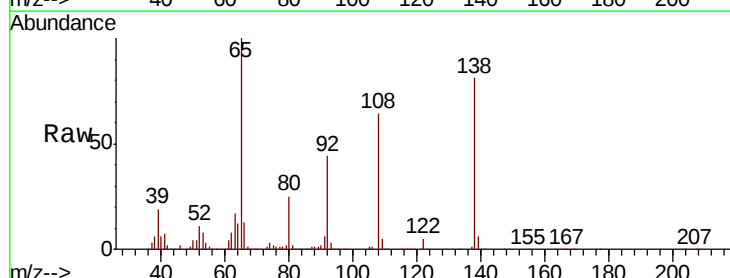


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

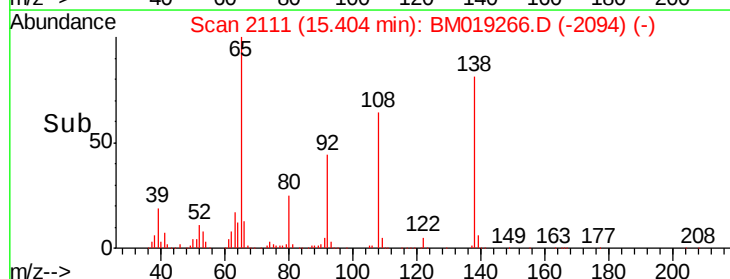
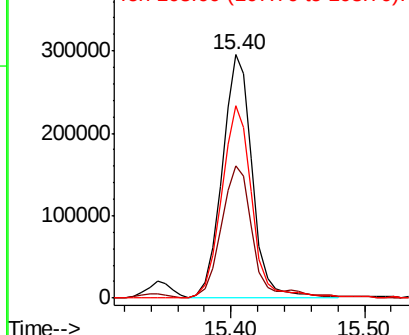


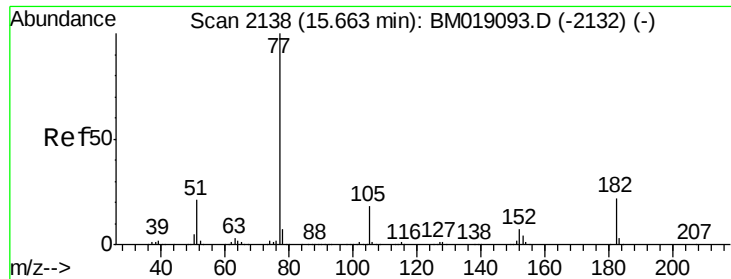
#62
4-Nitroaniline
Concen: 44.056 ng
RT: 15.40 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:138 Resp: 461291
Ion Ratio Lower Upper
138 100
92 54.5 34.8 74.8
108 79.0 58.9 98.9



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



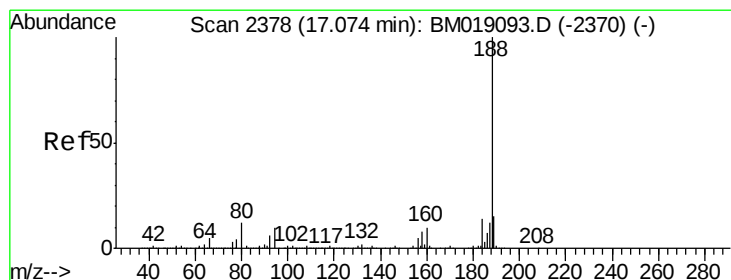
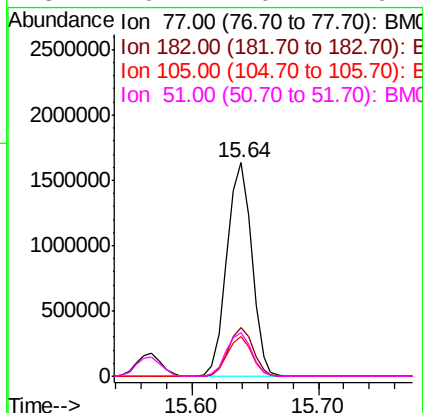
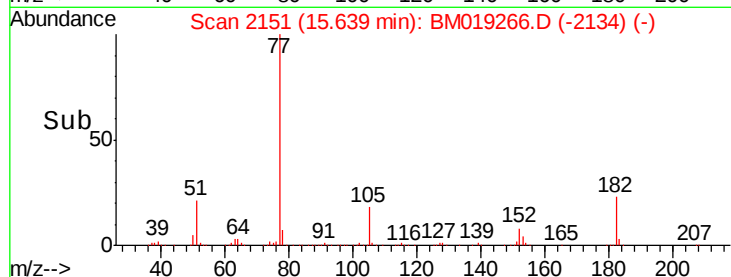
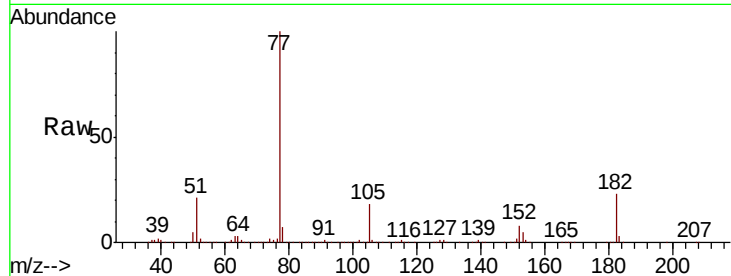


#63
Azobenzene
Concen: 45.758 ng
RT: 15.64 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampled :

Tot Ion: 77 Resp: 2212966

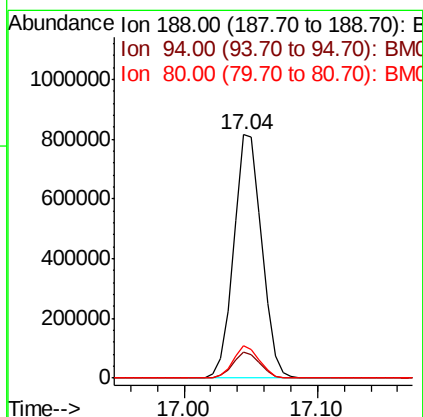
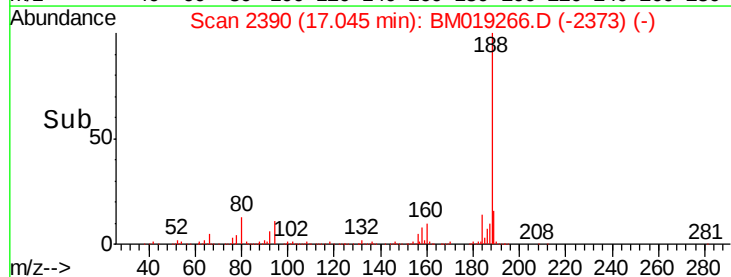
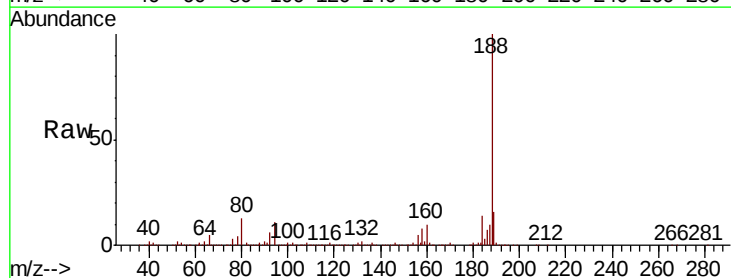
Ion	Ratio	Lower	Upper
77	100		
182	22.5	2.7	42.7
105	18.3	0.0	38.1
51	20.7	0.7	40.7

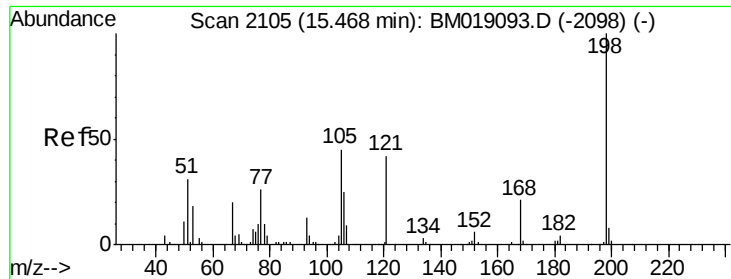


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion: 188 Resp: 1187669

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.7	13.1
80	13.4	9.8	14.8

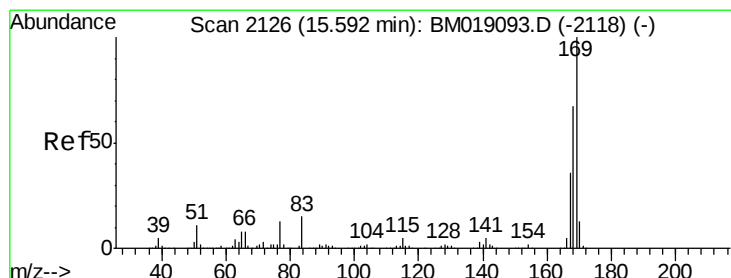
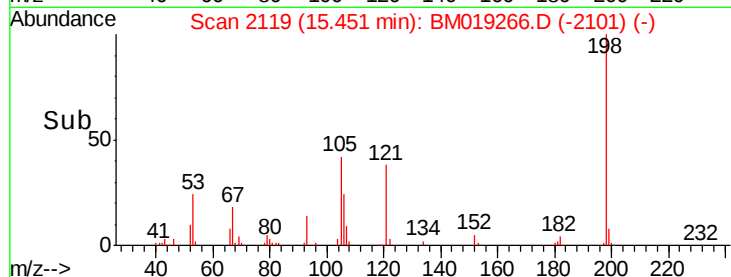
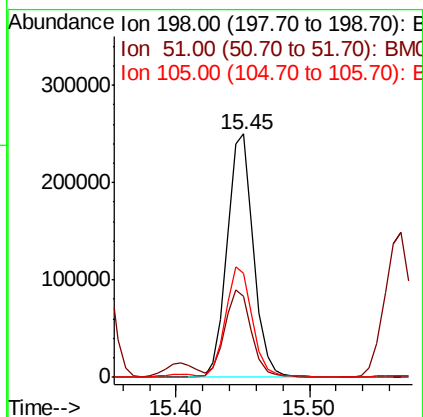
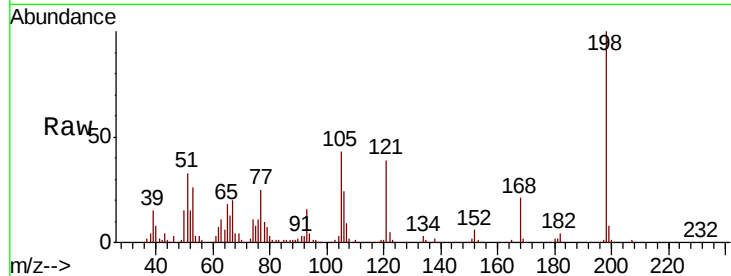




#65
4,6-Dinitro-2-methylphenol
Concen: 44.520 ng
RT: 15.45 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

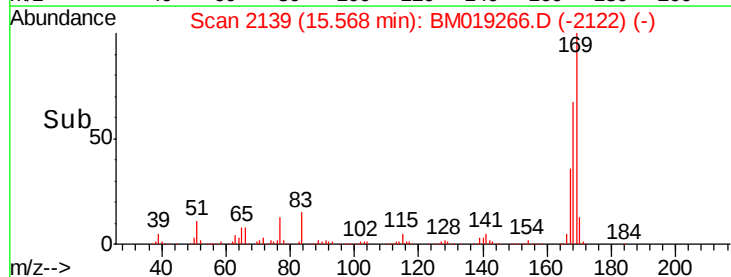
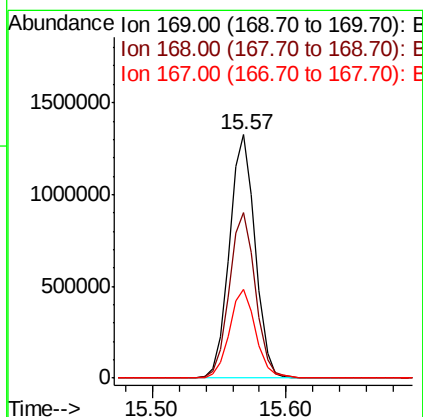
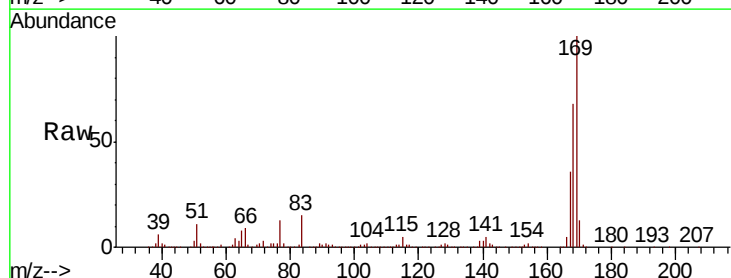
Instrument :
BNA_M
ClientSampleId :

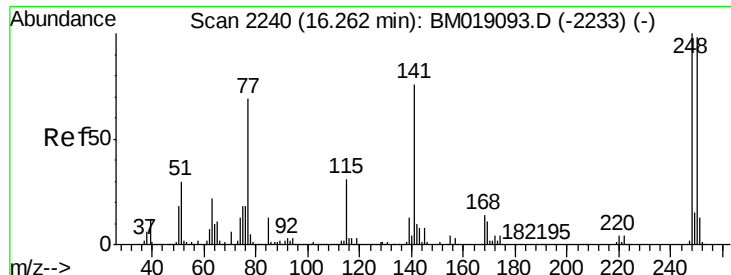
Tot Ion:198 Resp: 346490
Ion Ratio Lower Upper
198 100
51 33.1 16.1 56.1
105 42.8 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 47.184 ng
RT: 15.57 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:169 Resp: 1784097
Ion Ratio Lower Upper
169 100
168 67.9 55.0 82.4
167 36.2 29.1 43.7

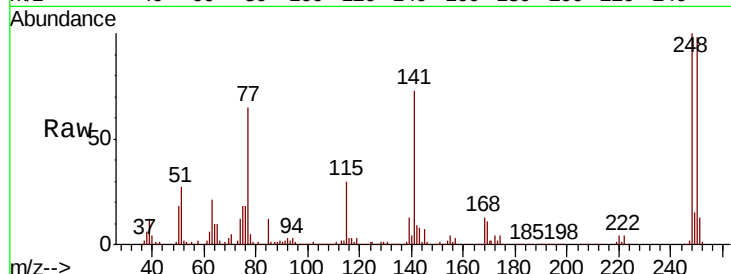




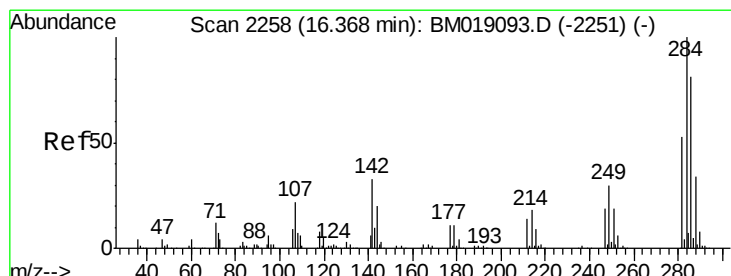
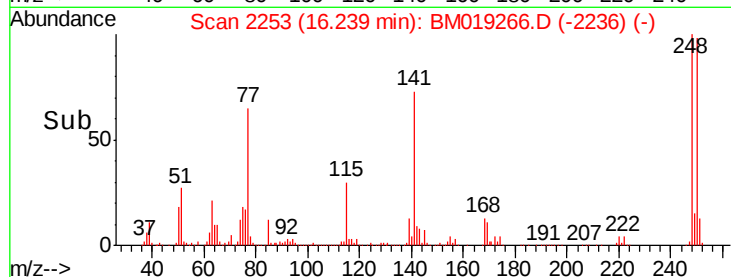
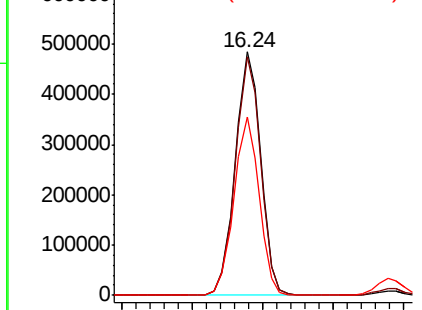
#67
4-Bromophenyl-phenylether
Concen: 46.597 ng
RT: 16.24 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 610283
Ion Ratio Lower Upper
248 100
250 98.2 78.2 117.2
141 73.0 57.2 85.8

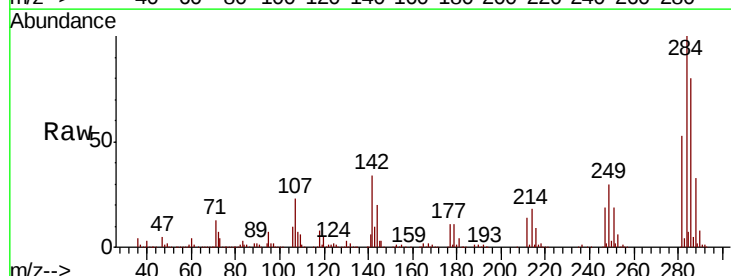


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

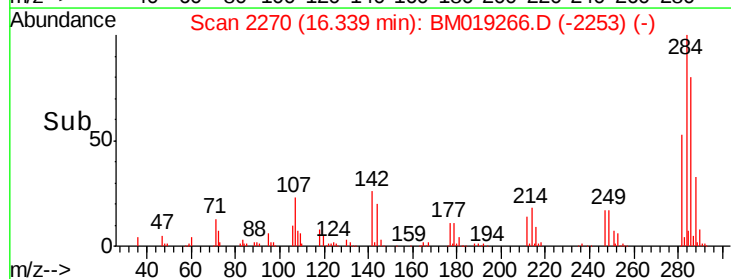
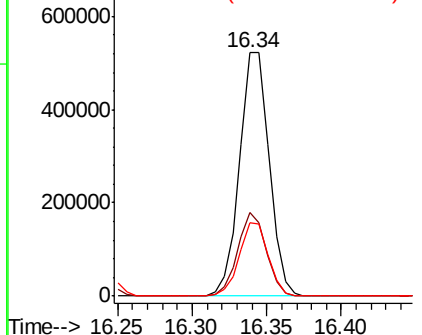


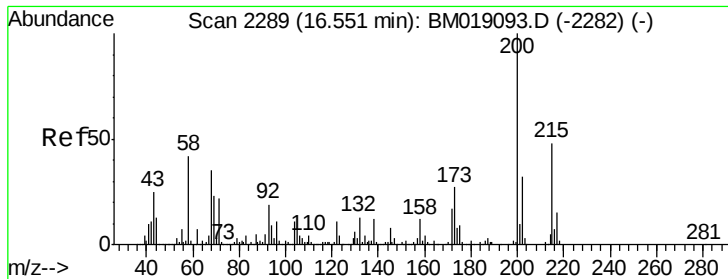
#68
Hexachlorobenzene
Concen: 46.315 ng
RT: 16.34 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:284 Resp: 721166
Ion Ratio Lower Upper
284 100
142 34.4 27.9 41.9
249 30.3 23.5 35.3



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

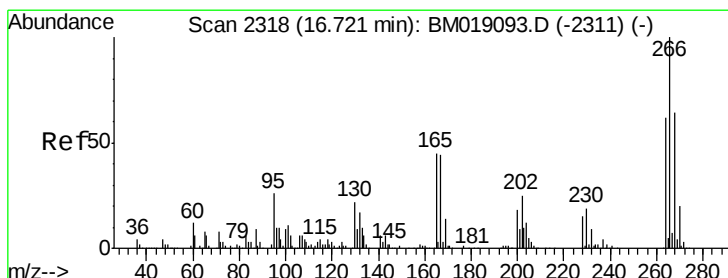
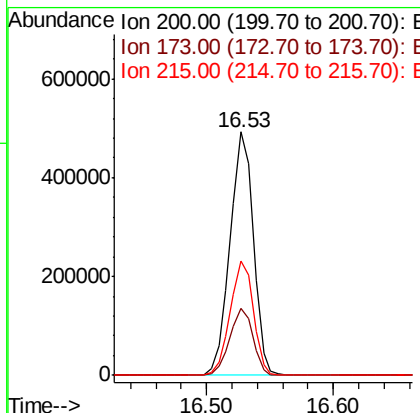
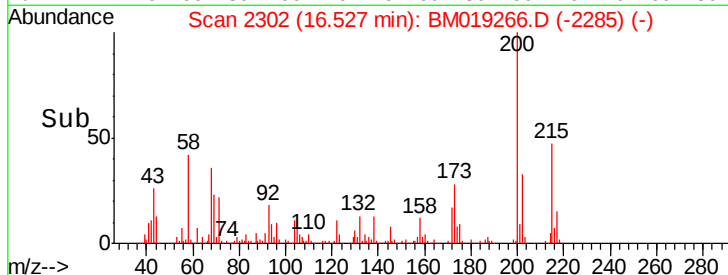
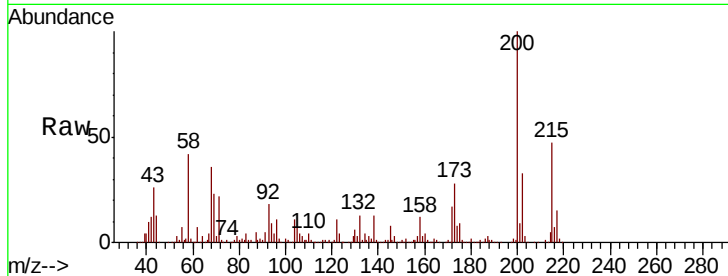




#69
Atrazine
Concen: 49.089 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

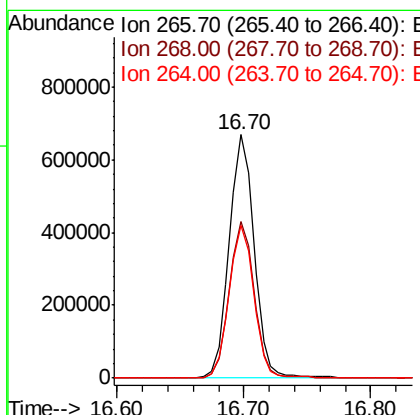
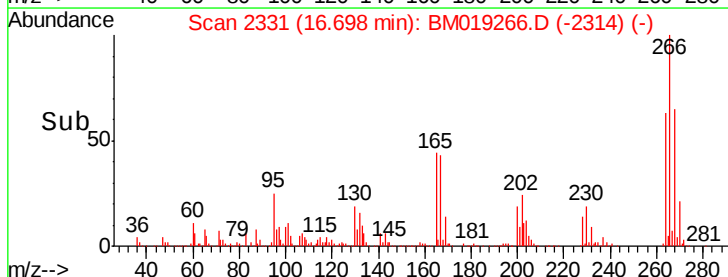
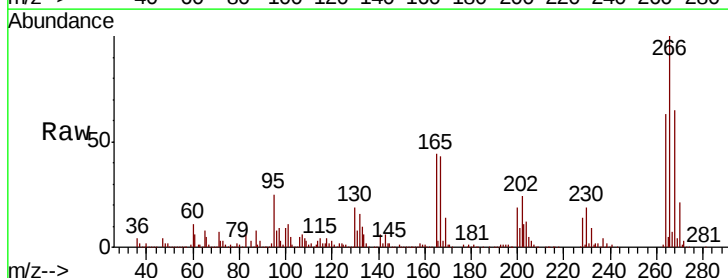
Instrument :
BNA_M
ClientSampleId :

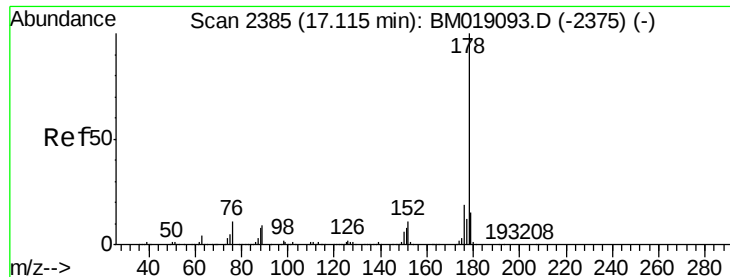
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.8	46.8
215	46.9	26.4	66.4



#70
Pentachlorophenol
Concen: 97.041 ng
RT: 16.70 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.0	78.0
264	63.0	50.6	76.0

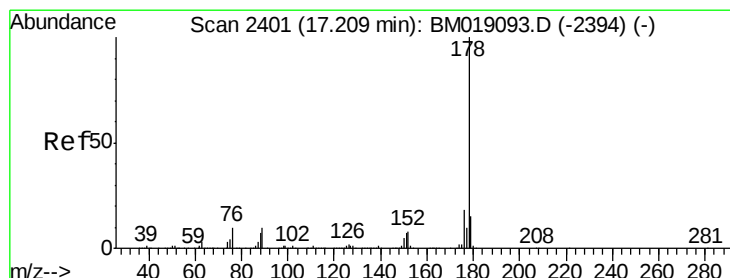
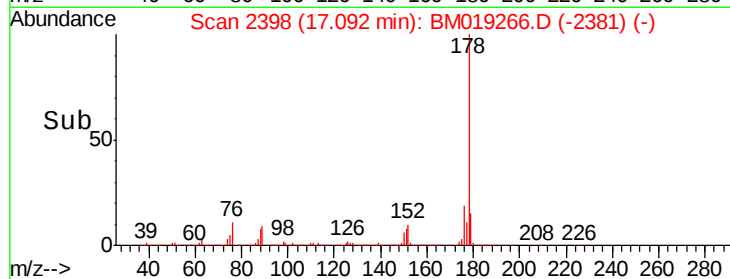
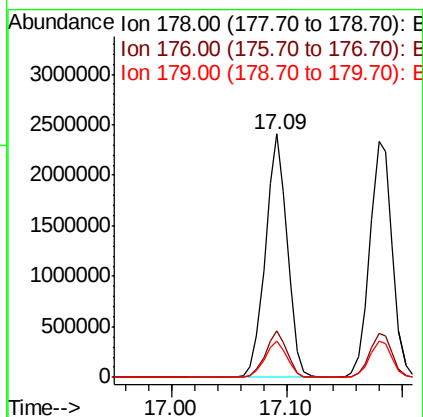
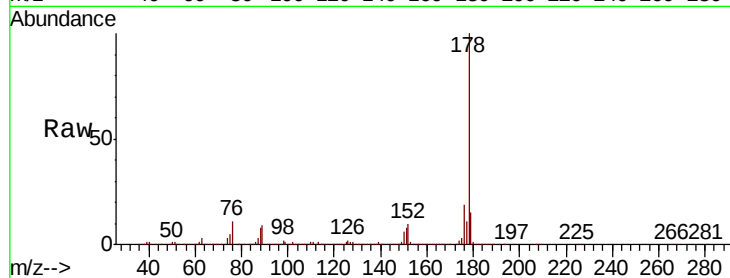




#71
Phenanthrene
Concen: 45.634 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

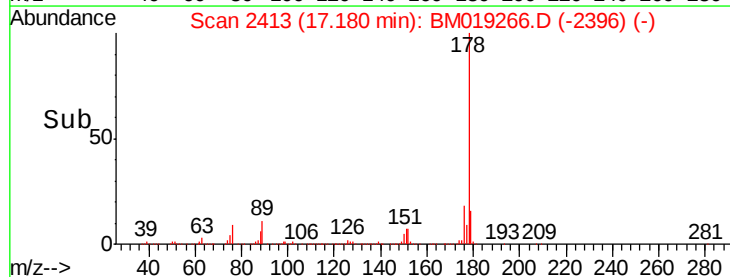
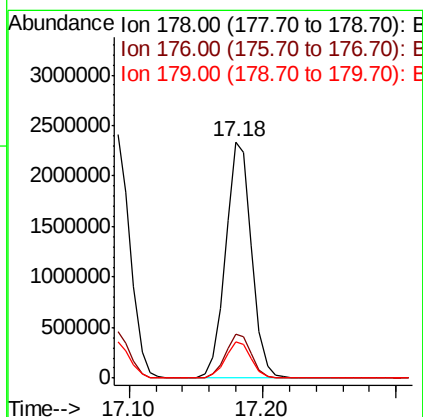
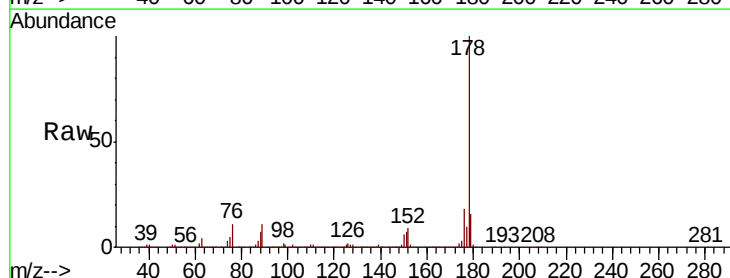
Instrument :
BNA_M
ClientSampleId :

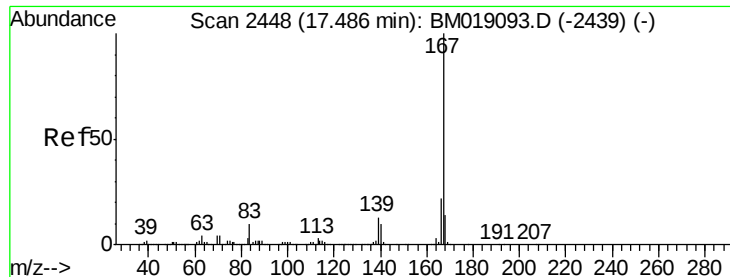
Tot Ion:178 Resp: 3176711
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.0 12.2 18.4



#72
Anthracene
Concen: 46.770 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:178 Resp: 3187335
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.5 12.2 18.2





#73

Carbazole

Concen: 45.789 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampled :

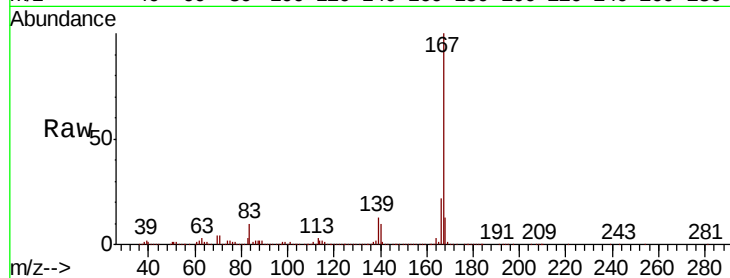
Tot Ion:167 Resp: 2945203

Ion Ratio Lower Upper

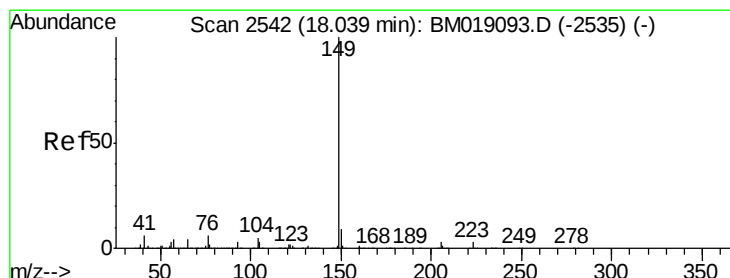
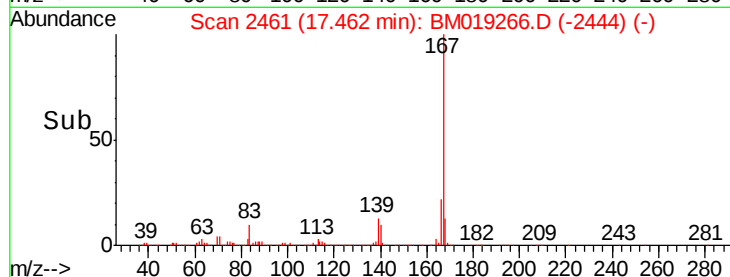
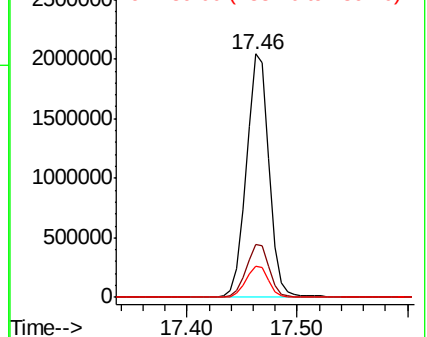
167 100

166 21.9 17.4 26.0

139 12.7 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.938 ng

RT: 18.02 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

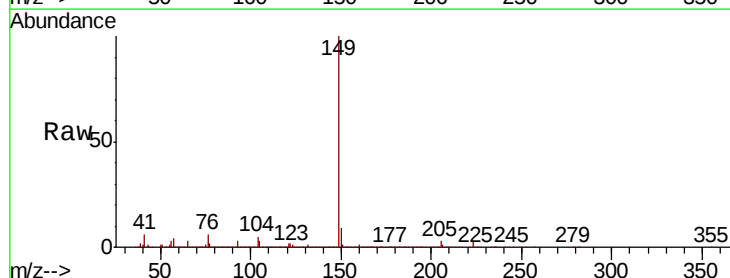
Tgt Ion:149 Resp: 3806369

Ion Ratio Lower Upper

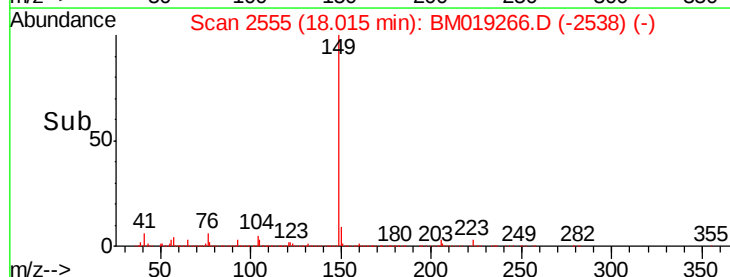
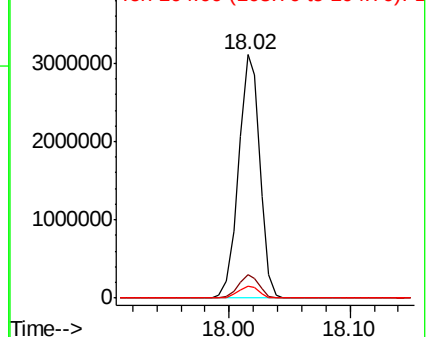
149 100

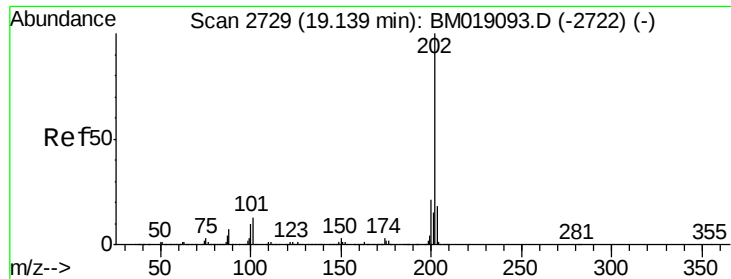
150 9.4 7.3 10.9

104 5.2 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.455 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

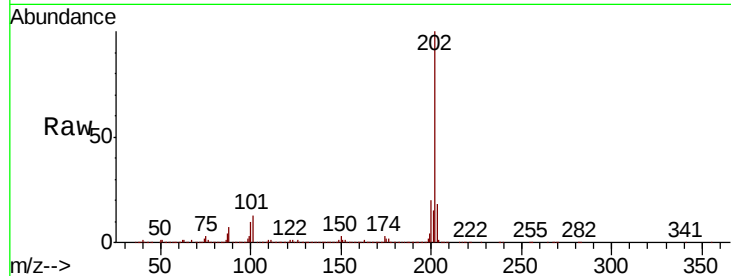
Tot Ion:202 Resp: 3471142

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.8

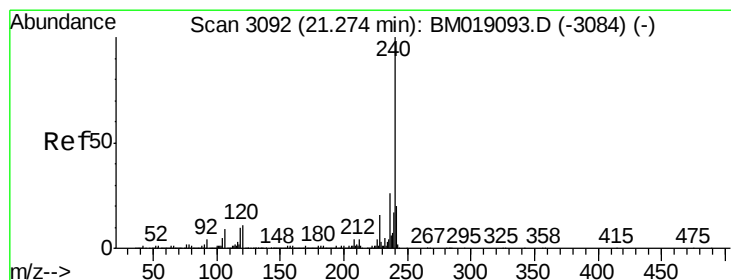
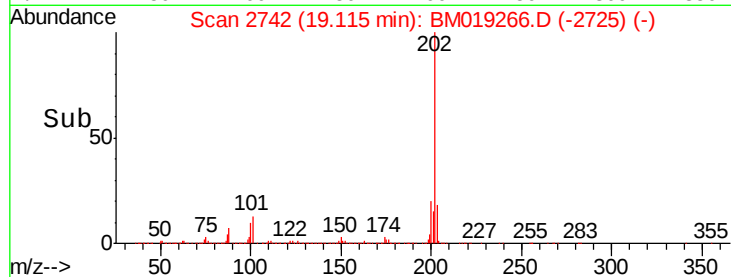
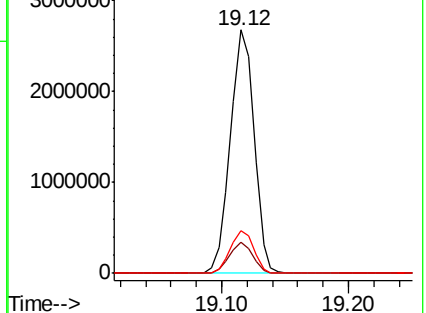
203 17.8 0.0 37.3



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: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

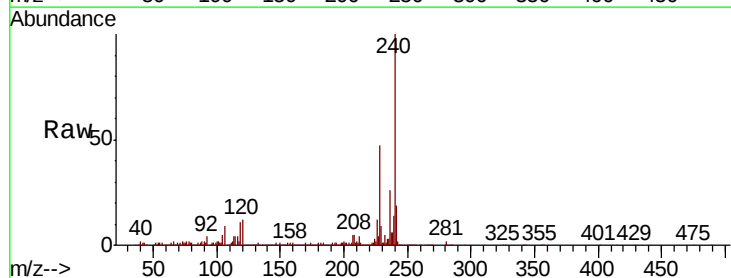
Tgt Ion:240 Resp: 1037114

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

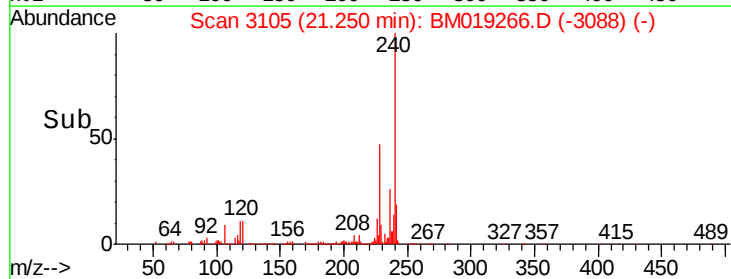
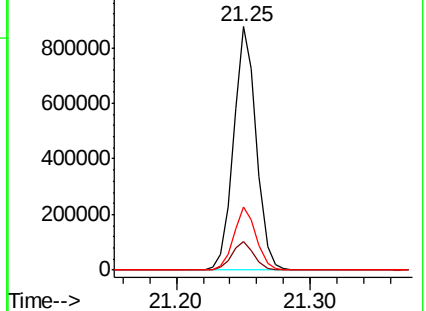
236 25.8 20.3 30.5

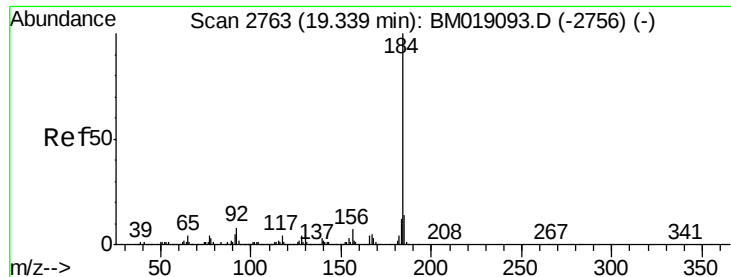


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.116 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

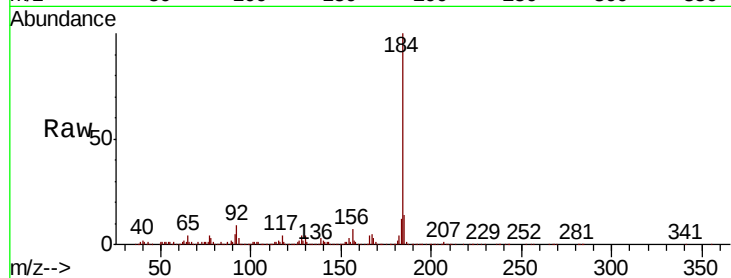
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1709371

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.2	9.7	14.5

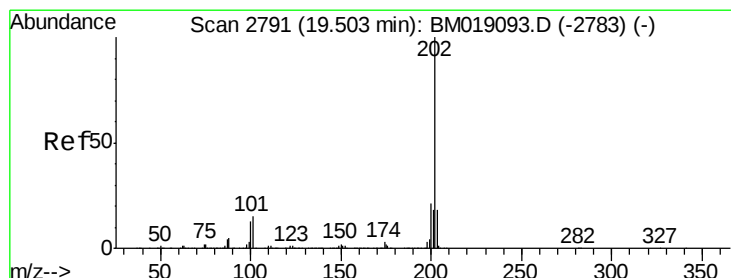
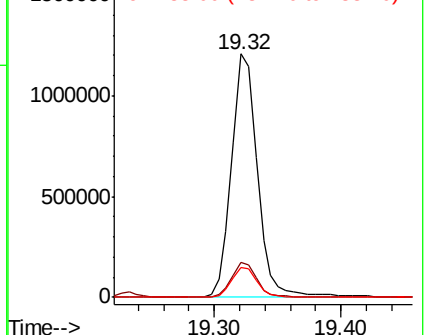
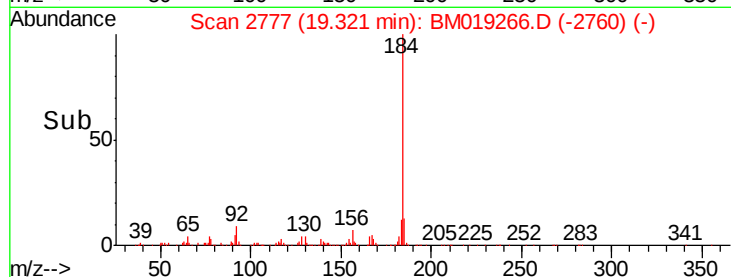


Abundance

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: 52.729 ng

RT: 19.48 min Scan# 2804

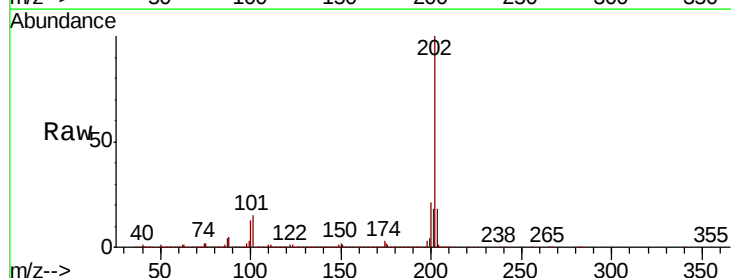
Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Tgt Ion:202 Resp: 3460019

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.6	13.9	20.9

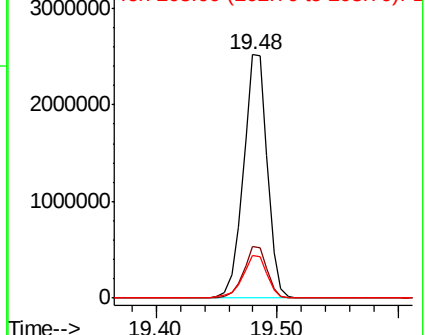
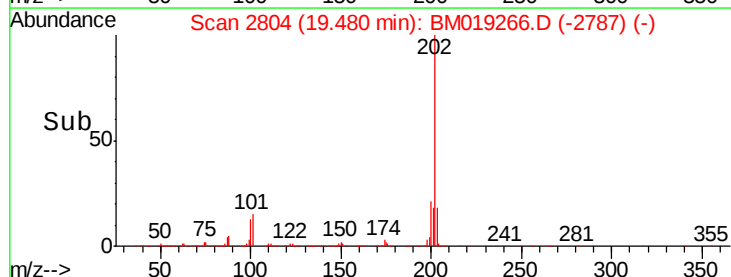


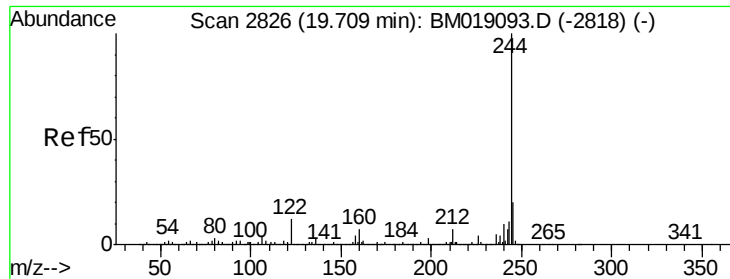
Abundance

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: 104.757 ng

RT: 19.69 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

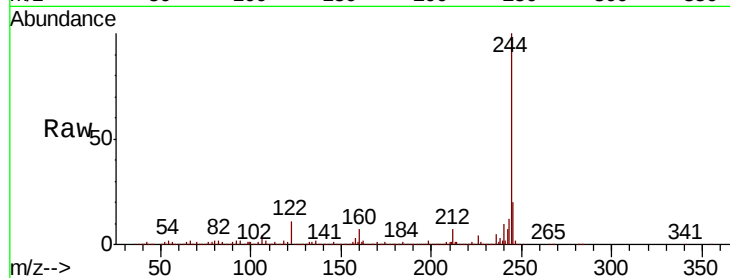
Tot Ion:244 Resp: 5472702

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

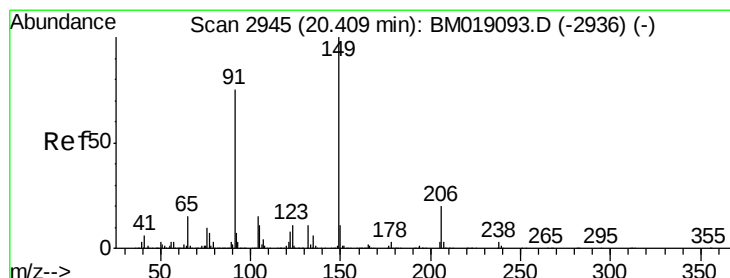
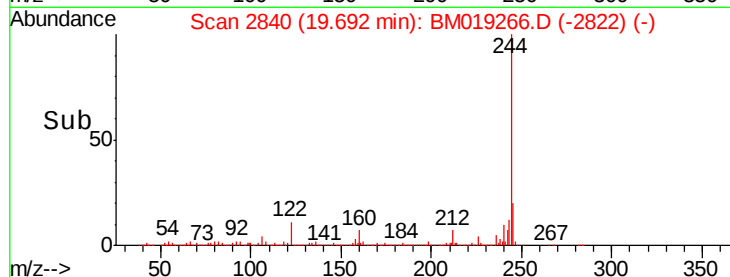
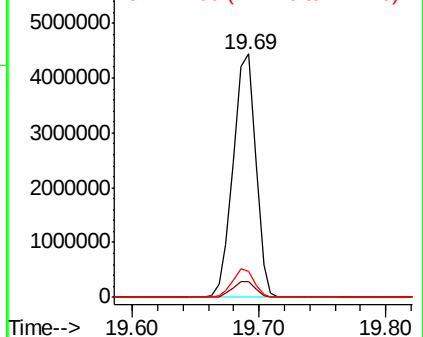
122 10.7 9.6 14.4



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: 57.427 ng

RT: 20.39 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

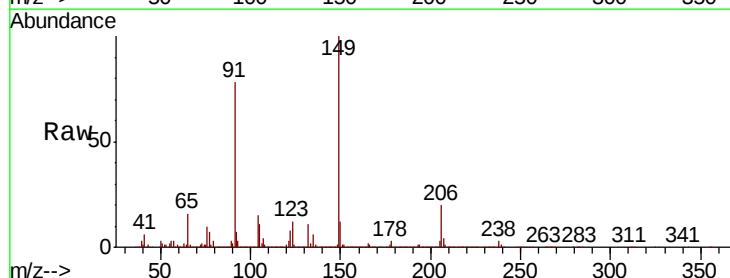
Tgt Ion:149 Resp: 1641319

Ion Ratio Lower Upper

149 100

91 77.5 61.6 92.4

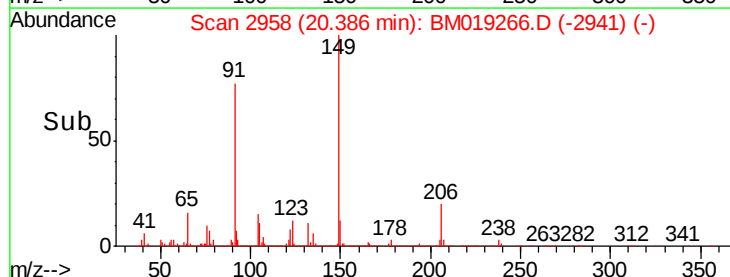
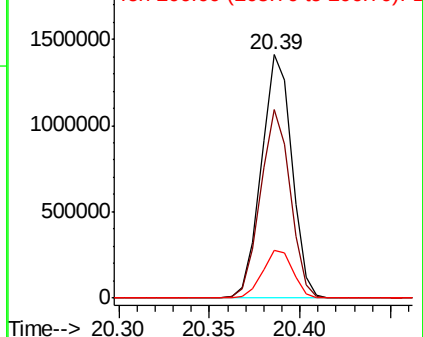
206 19.7 15.9 23.9

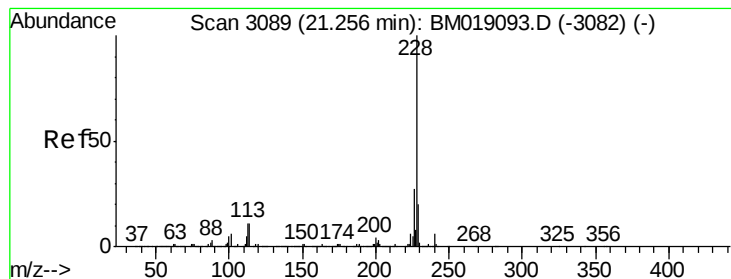


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.632 ng

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampled :

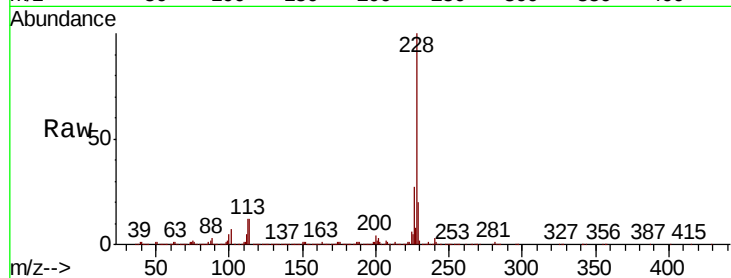
Tot Ion:228 Resp: 2838909

Ion Ratio Lower Upper

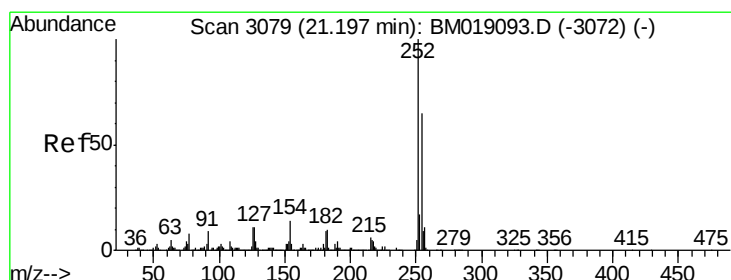
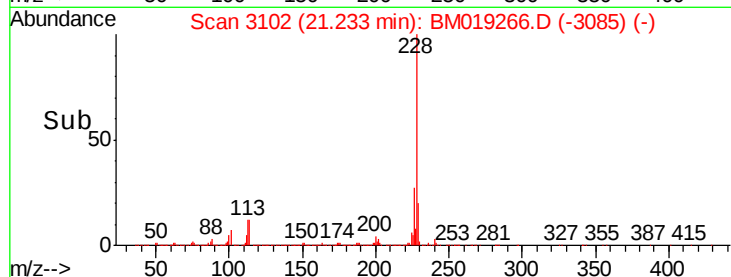
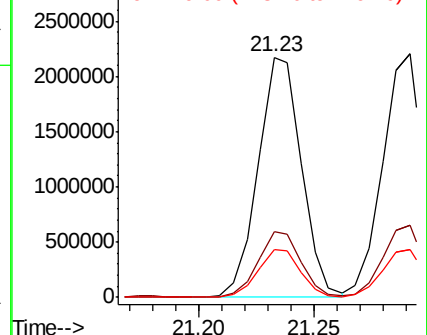
228 100

226 27.2 21.6 32.4

229 20.0 15.8 23.8



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: 33.237 ng

RT: 21.18 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

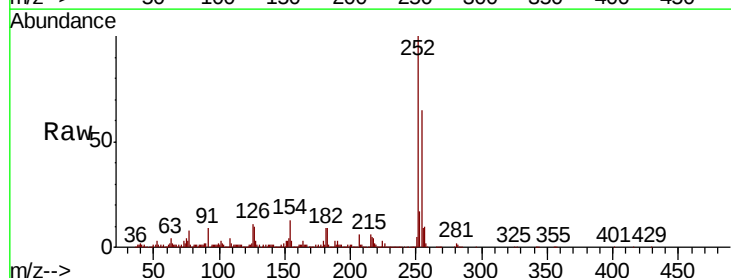
Tgt Ion:252 Resp: 833095

Ion Ratio Lower Upper

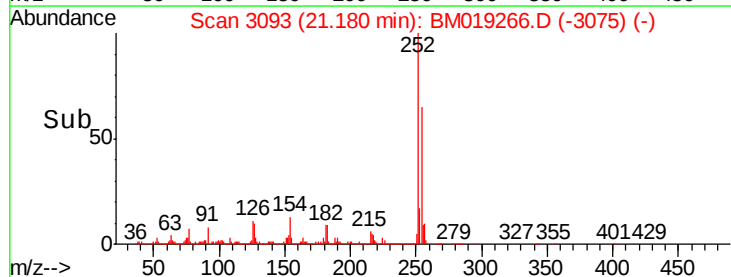
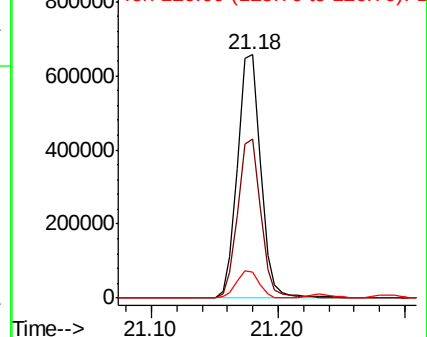
252 100

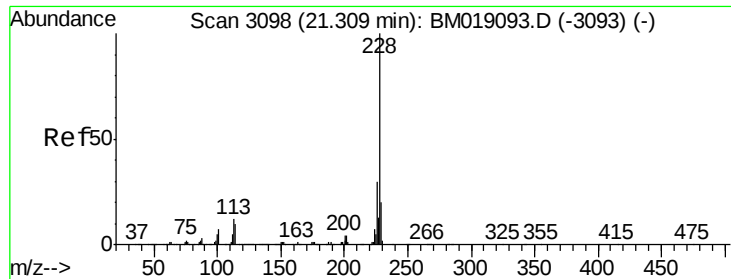
254 65.2 51.0 76.4

126 10.7 9.2 13.8



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

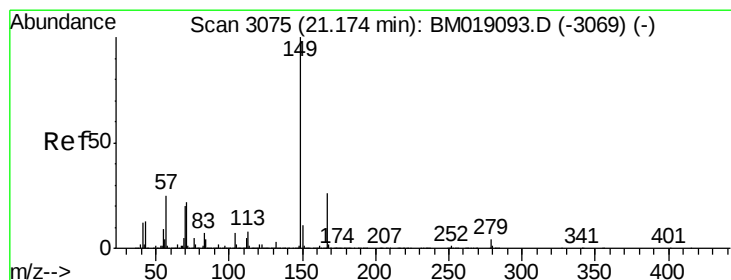
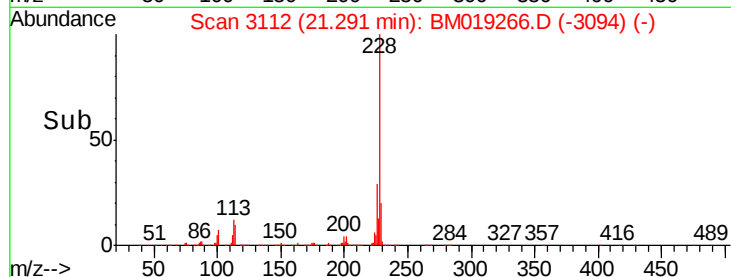
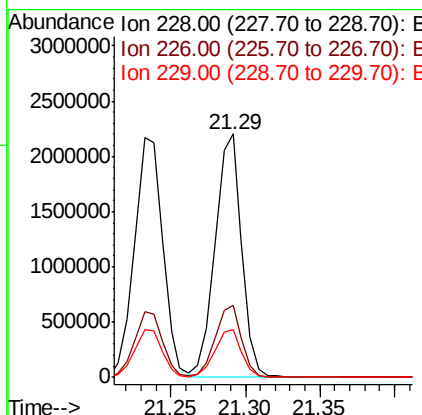
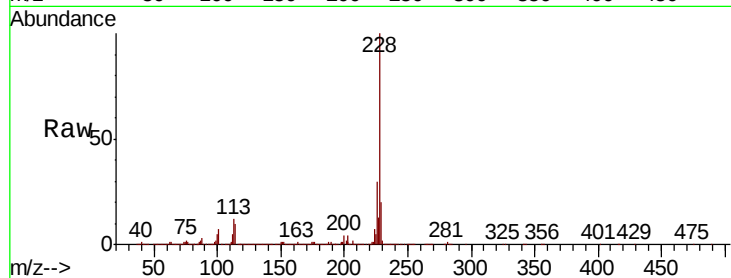




#83
 Chrvsene
 Concen: 43.447 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

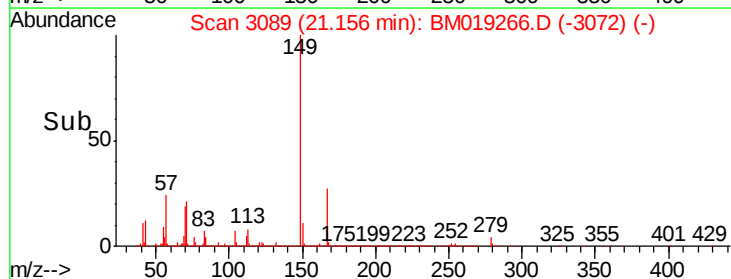
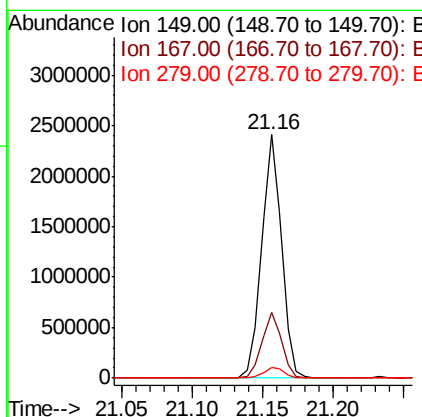
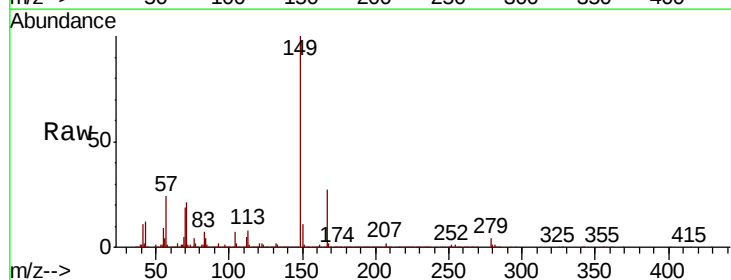
Instrument :
 BNA_M
 ClientSampled :

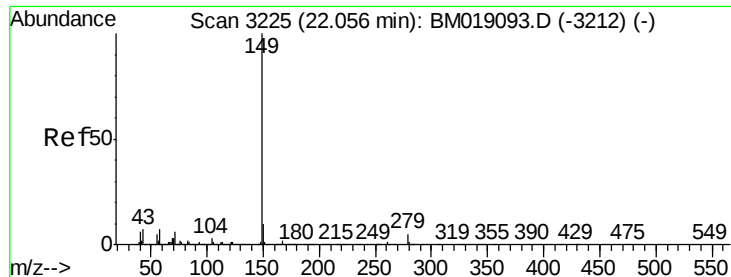
Tot Ion:228 Resp: 2734823
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.9 35.9
 229 19.8 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.655 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM019266.D
 Acq: 20 Mar 2019 17:44

Tgt Ion:149 Resp: 2397323
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.2
 279 4.4 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.198 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

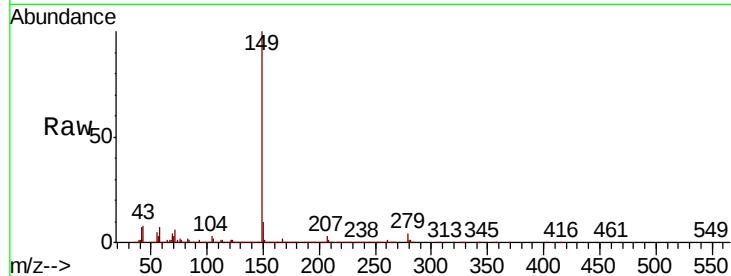
Tot Ion:149 Resp: 3584709

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

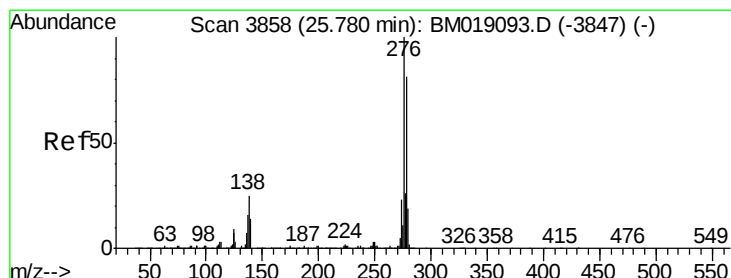
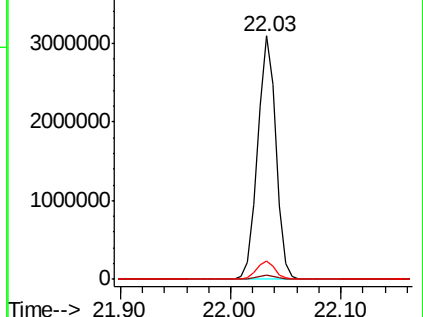
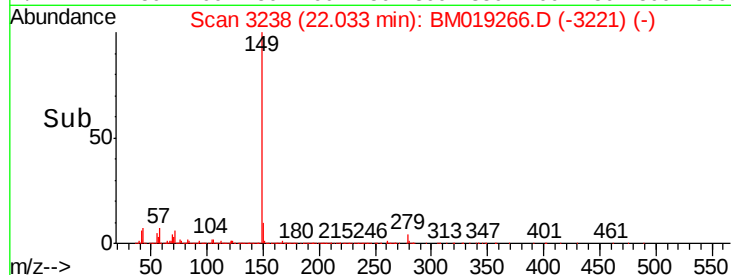
43 7.5 6.0 9.0



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: 43.533 ng

RT: 25.74 min Scan# 3868

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

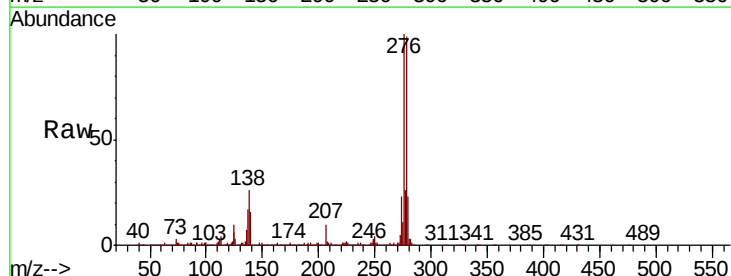
Tgt Ion:276 Resp: 2949769

Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

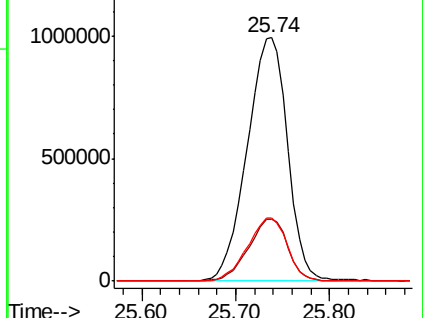
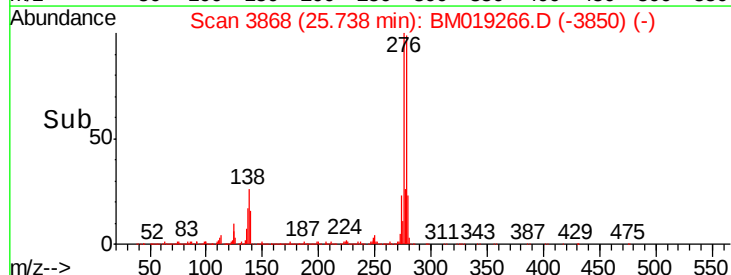
277 25.4 20.2 30.4

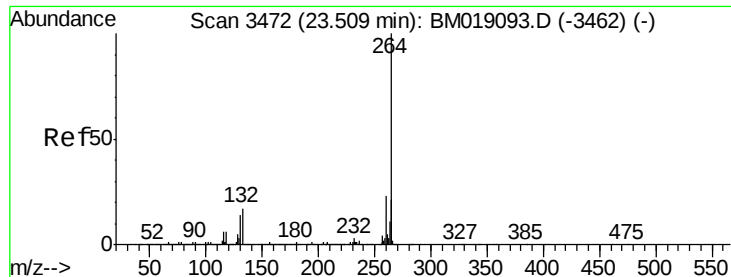


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

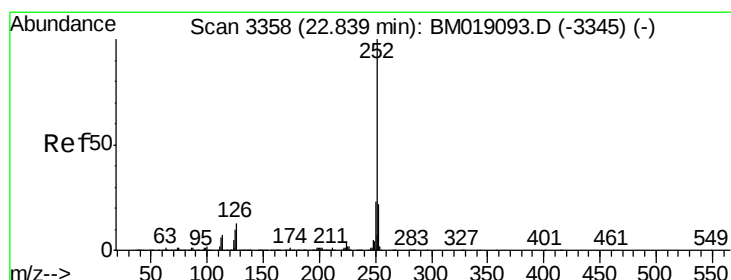
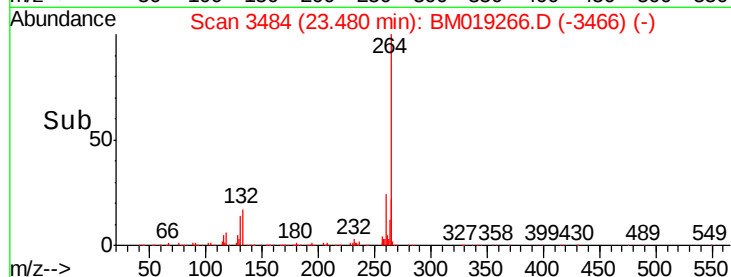
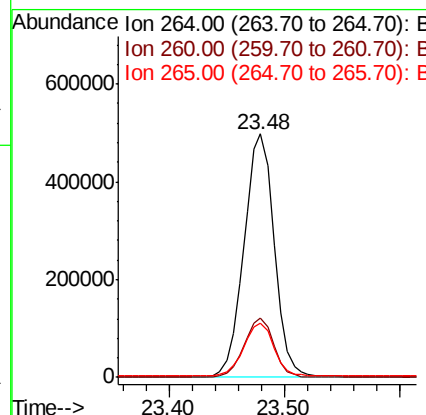
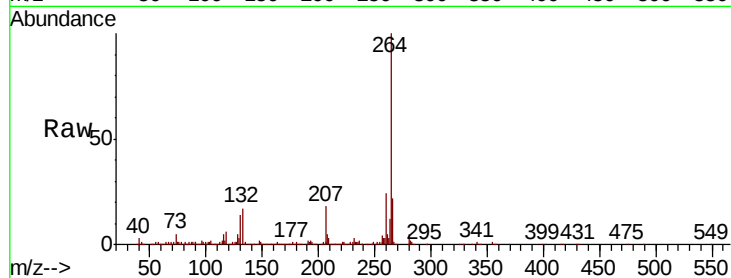




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.48 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

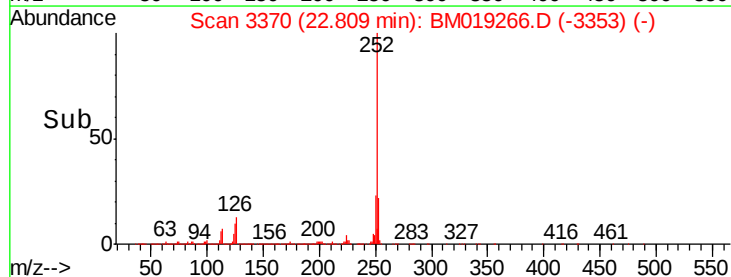
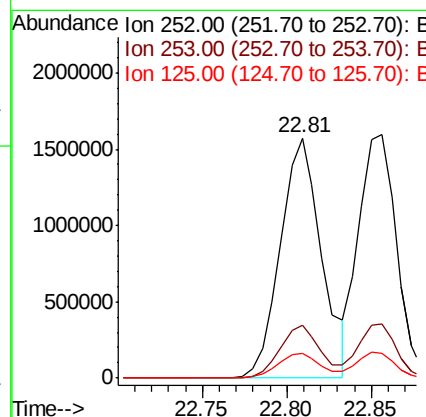
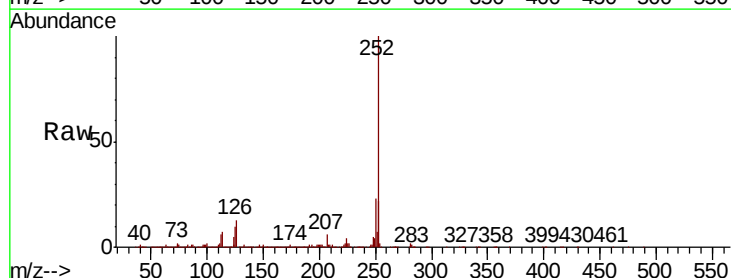
Instrument :
BNA_M
ClientSampleId :

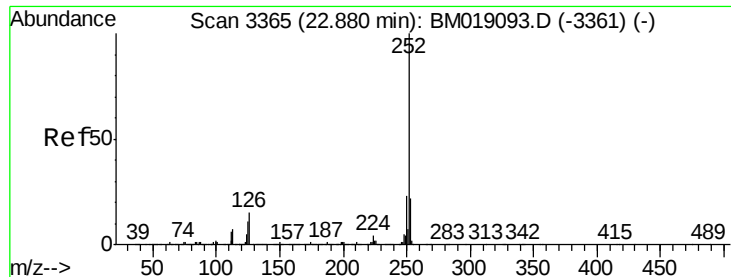
Tot Ion:264 Resp: 909122
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 22.2 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 45.154 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:252 Resp: 2659954
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 10.3 8.2 12.4

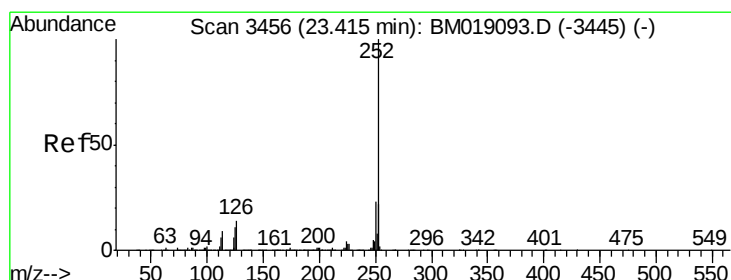
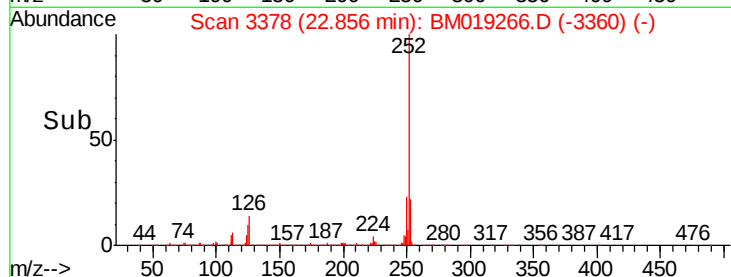
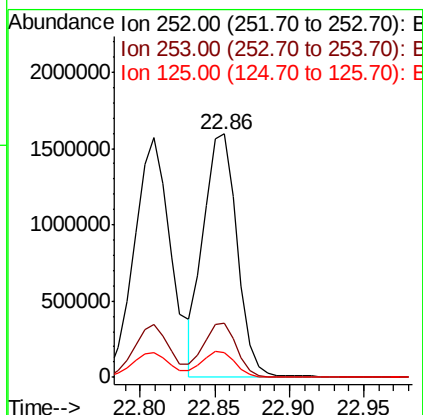
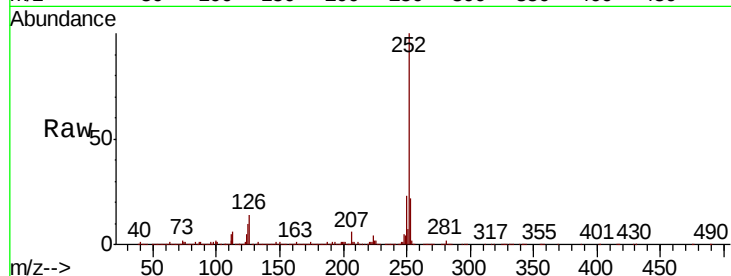




#89
Benzo(k)fluoranthene
Concen: 45.747 ng
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

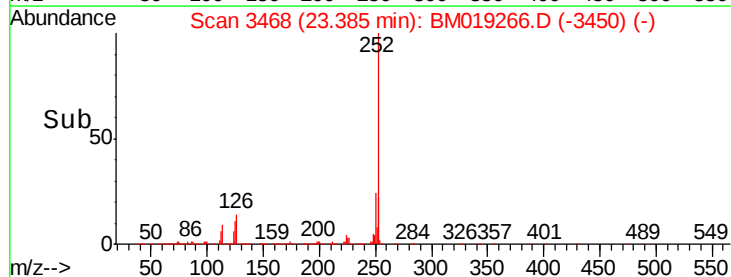
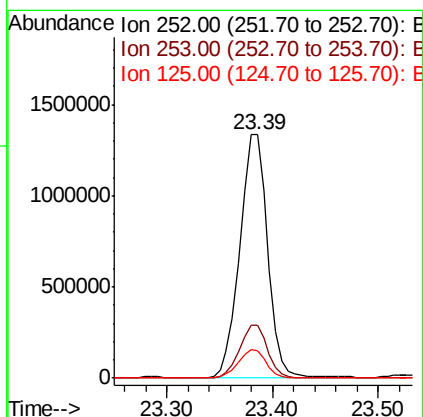
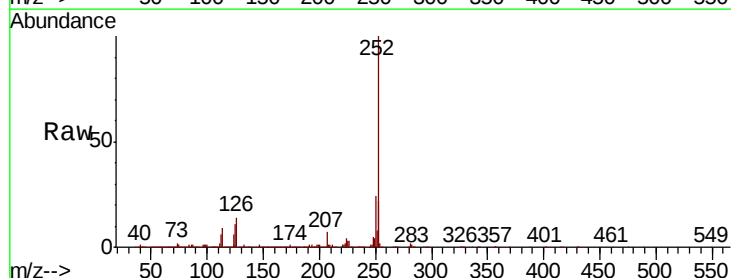
Instrument :
BNA_M
ClientSampleId :

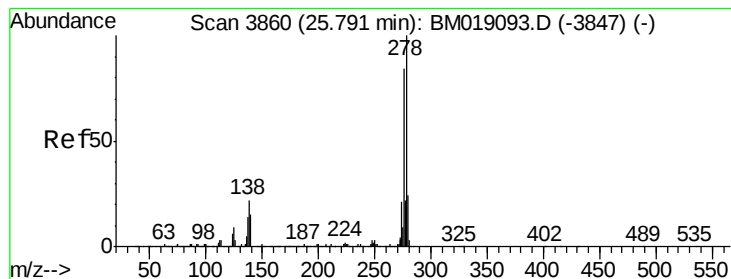
Tot Ion:252 Resp: 2478706
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.2 8.6 12.8



#90
Benzo(a)pyrene
Concen: 46.158 ng
RT: 23.39 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM019266.D
Acq: 20 Mar 2019 17:44

Tgt Ion:252 Resp: 2443591
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 11.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 49.836 ng

RT: 25.74 min Scan# 3869

Delta R.T. 0.01 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

Instrument :

BNA_M

ClientSampleId :

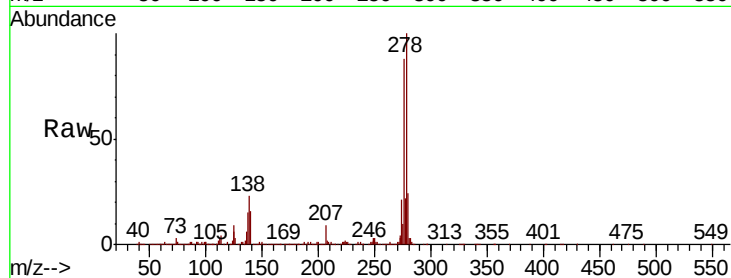
Tot Ion:278 Resp: 2523768

Ion Ratio Lower Upper

278 100

139 15.7 12.6 19.0

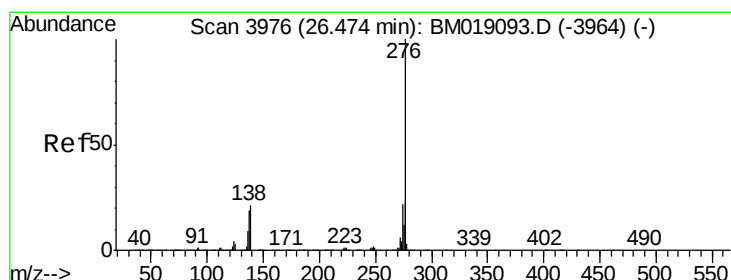
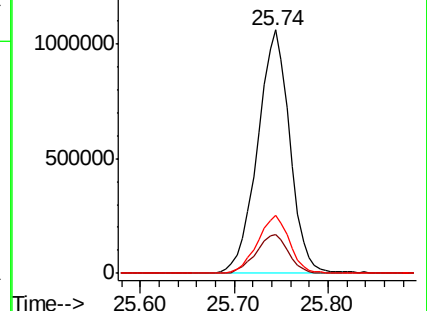
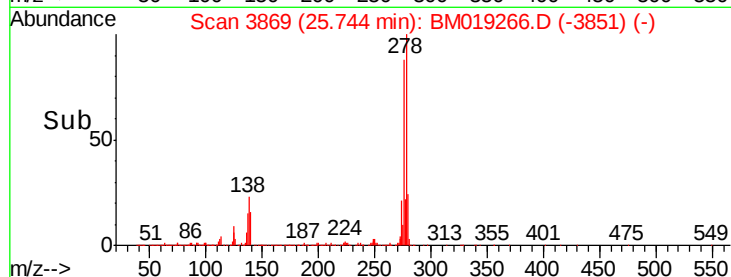
279 23.9 18.9 28.3



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: 51.179 ng

RT: 26.42 min Scan# 3984

Delta R.T. -0.00 min

Lab File: BM019266.D

Acq: 20 Mar 2019 17:44

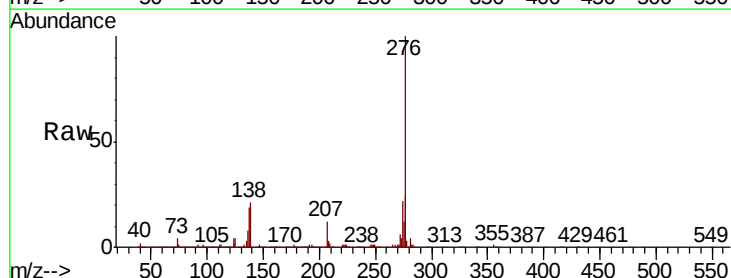
Tgt Ion:276 Resp: 2379516

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 21.3 16.9 25.3



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

