

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019144.D
 Acq On : 13 Mar 2019 14:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 14 06:53:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	169196	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	818910	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	514240	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1185192	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1324971	20.00	ng	0.00
87) Perylene-d12	23.50	264	1253618	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	825580	79.02	ng	0.00
7) Phenol-d6	6.84	99	1295109	84.75	ng	0.00
23) Nitrobenzene-d5	8.83	82	1377389	79.51	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	642581	84.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3041486	76.93	ng	0.00
79) Terphenyl-d14	19.71	244	5255284	78.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	164258	35.342	ng	98
3) Pyridine	3.62	79	525195	41.536	ng	98
4) n-Nitrosodimethylamine	3.54	42	143007	36.380	ng	94
6) Aniline	7.00	93	799041	40.499	ng	99
8) 2-Chlorophenol	7.23	128	507765	40.444	ng	99
9) Benzaldehyde	6.82	77	391663	40.746	ng	100
10) Phenol	6.87	94	700587	42.539	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	495072	39.394	ng	99
12) 1,3-Dichlorobenzene	7.55	146	515488	38.798	ng	100
13) 1,4-Dichlorobenzene	7.69	146	522675	38.587	ng	100
14) 1,2-Dichlorobenzene	8.00	146	513900	38.995	ng	99
15) Benzyl Alcohol	7.92	79	529848	41.893	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.19	45	508367	39.617	ng	99
17) 2-Methylphenol	8.10	107	455928	42.482	ng	98
18) Hexachloroethane	8.72	117	196924	39.124	ng	98
19) n-Nitroso-di-n-propylamine	8.47	70	523499	41.756	ng	99
20) 3+4-Methylphenols	8.43	107	639293	43.884	ng	99
22) Acetophenone	8.49	105	896096	39.596	ng	99
24) Nitrobenzene	8.87	77	720443	39.986	ng	99
25) Isophorone	9.39	82	1338812	40.500	ng	100
26) 2-Nitrophenol	9.57	139	312046	41.783	ng	99
27) 2,4-Dimethylphenol	9.63	122	457110	41.171	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	783606	40.034	ng	99
29) 2,4-Dichlorophenol	10.10	162	528432	42.974	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	538391	38.830	ng	99
31) Naphthalene	10.49	128	1687122	39.088	ng	100
32) Benzoic acid	9.80	122	357146	37.982	ng	98
33) 4-Chloroaniline	10.62	127	751727	42.486	ng	98
34) Hexachlorobutadiene	10.76	225	302189	37.978	ng	99
35) Caprolactam	11.45	113	191947	43.820	ng	99
36) 4-Chloro-3-methylphenol	11.75	107	665009	43.830	ng	99
37) 2-Methylnaphthalene	12.12	142	1256342	40.055	ng	100
38) 1-Methylnaphthalene	12.33	142	1245578	40.290	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	623463	38.328	ng	100

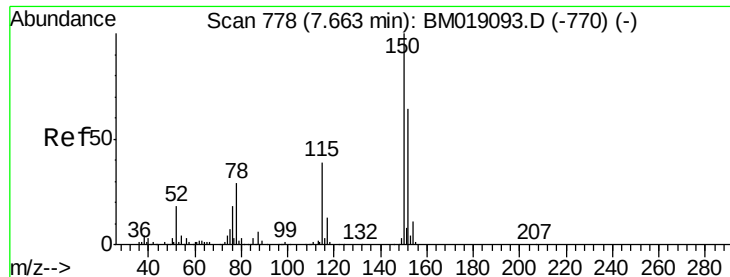
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031319\
 Data File : BM019144.D
 Acq On : 13 Mar 2019 14:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	254221	34.502	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	432978	41.188	ng	100
44) 2,4,5-Trichlorophenol	12.81	196	468787	41.703	ng	99
46) 1,1'-Biphenyl	13.14	154	1745823	38.874	ng	99
47) 2-Chloronaphthalene	13.18	162	1315593	39.246	ng	99
48) 2-Nitroaniline	13.41	65	481560	42.835	ng	100
49) Acenaphthylene	14.03	152	2268811	40.028	ng	99
50) Dimethylphthalate	13.79	163	1746259	39.696	ng	99
51) 2,6-Dinitrotoluene	13.91	165	396509	41.696	ng	99
52) Acenaphthene	14.38	154	1271430	39.038	ng	99
53) 3-Nitroaniline	14.25	138	412137	40.920	ng	99
54) 2,4-Dinitrophenol	14.46	184	193499	35.037	ng	100
55) Dibenzofuran	14.72	168	2086608	39.727	ng	99
56) 4-Nitrophenol	14.56	139	331905	40.362	ng	97
57) 2,4-Dinitrotoluene	14.70	165	559261	40.515	ng	99
58) Fluorene	15.37	166	1742411	40.246	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.95	232	436774	41.737	ng	99
60) Diethylphthalate	15.15	149	1799644	40.393	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	839320	39.916	ng	98
62) 4-Nitroaniline	15.42	138	426148	41.984	ng	99
63) Azobenzene	15.66	77	1928660	41.138	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	271074	34.903	ng	98
66) n-Nitrosodiphenylamine	15.59	169	1493239	39.574	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	519669	39.761	ng	98
68) Hexachlorobenzene	16.36	284	615928	39.639	ng	99
69) Atrazine	16.54	200	518280	40.804	ng	99
70) Pentachlorophenol	16.72	266	362606	38.733	ng	99
71) Phenanthrene	17.11	178	2735496	39.378	ng	100
72) Anthracene	17.20	178	2709964	39.848	ng	99
73) Carbazole	17.49	167	2588933	40.334	ng	100
74) Di-n-butylphthalate	18.03	149	3155379	40.653	ng	100
75) Fluoranthene	19.13	202	3168394	39.748	ng	99
77) Benzidine	19.34	184	1998435	53.182	ng	100
78) Pyrene	19.50	202	3277806	39.100	ng	99
80) Butylbenzylphthalate	20.40	149	1503159	41.167	ng	97
81) Benzo(a)anthracene	21.25	228	3268018	39.315	ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	1298144	40.539	ng	98
83) Chrysene	21.30	228	3141083	39.060	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2234204	42.058	ng	98
85) Di-n-octyl phthalate	22.05	149	3820127	42.707	ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	3210439	37.086	ng	100
88) Benzo(b)fluoranthene	22.83	252	3313124	40.786	ng	100
89) Benzo(k)fluoranthene	22.87	252	2923864	39.134	ng	100
90) Benzo(a)pyrene	23.41	252	2895251	39.661	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	2718331	38.927	ng	99
92) Benzo(g,h,i)perylene	26.47	276	2461465	38.393	ng	99

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

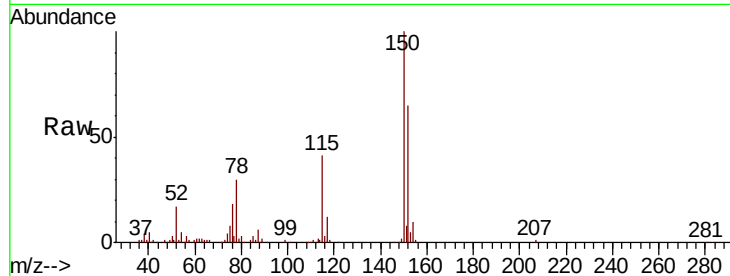


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.3	187.9
115	62.8	49.4	74.0

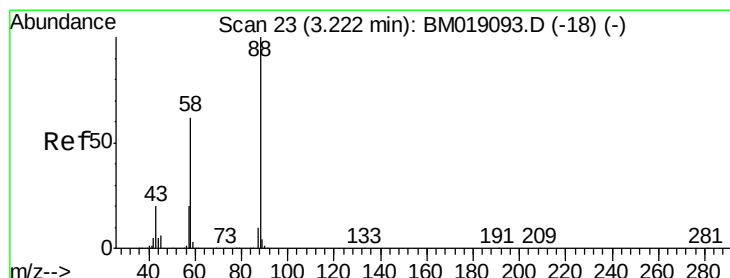
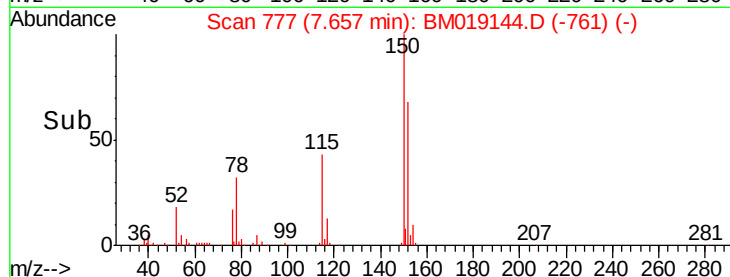
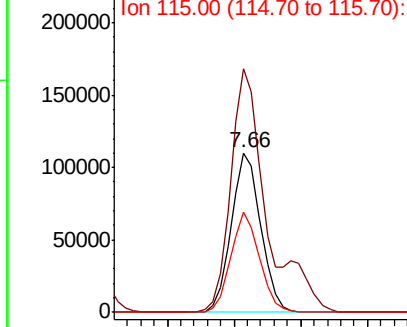


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

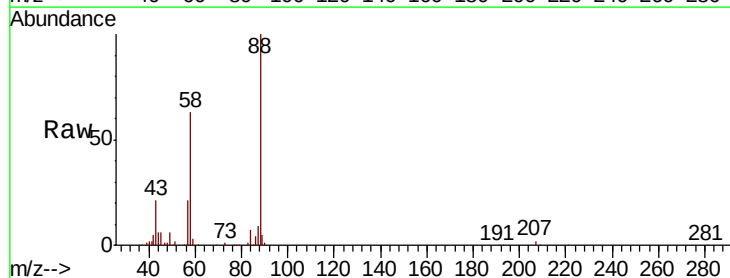
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.342 ng
RT: 3.22 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.6	50.0	75.0
43	22.3	17.0	25.4

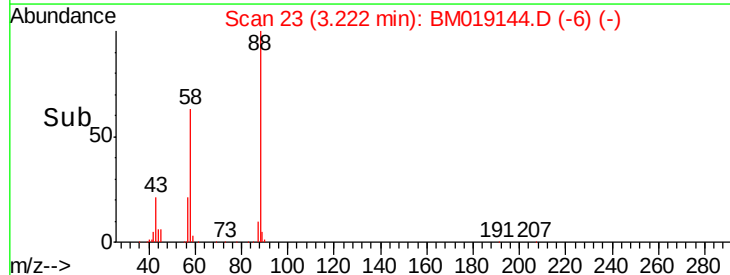
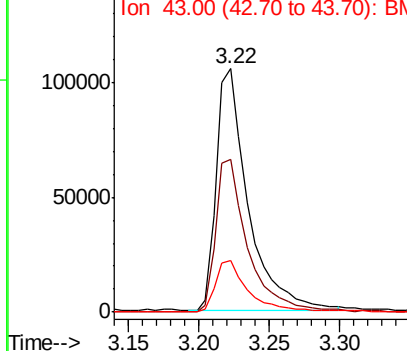


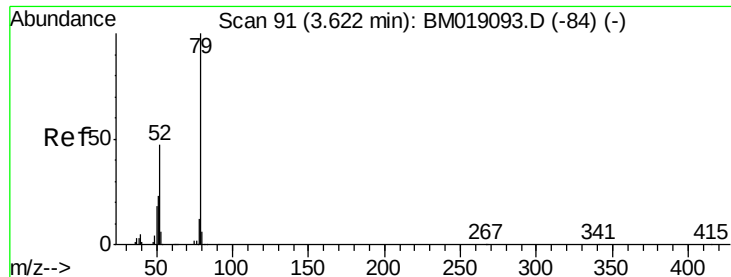
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 41.536 ng

RT: 3.62 min Scan# 91

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

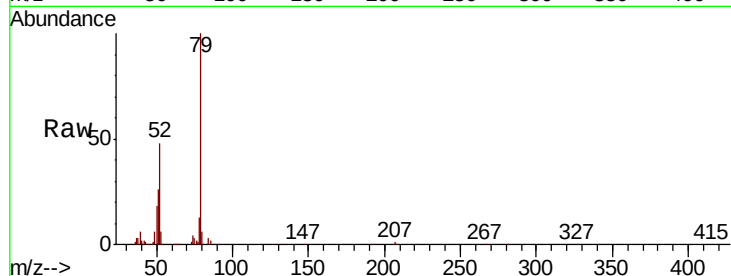
Tot Ion: 79 Resp: 525195

Ion Ratio Lower Upper

79 100

52 47.5 37.5 56.3

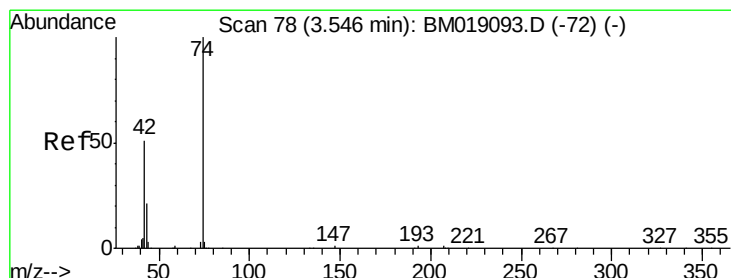
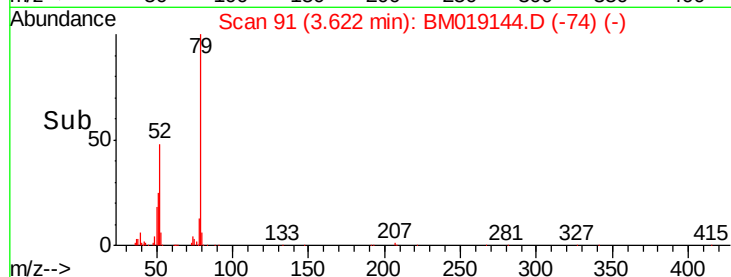
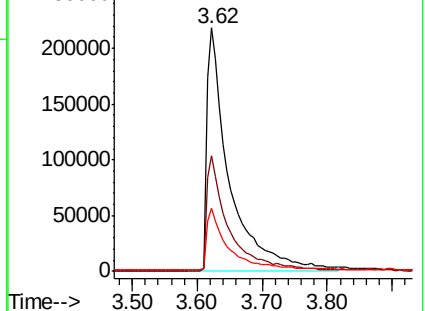
51 25.7 19.2 28.8



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: 36.380 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

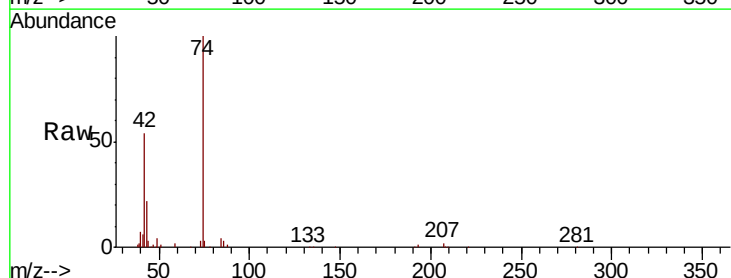
Tgt Ion: 42 Resp: 143007

Ion Ratio Lower Upper

42 100

74 186.3 156.3 234.5

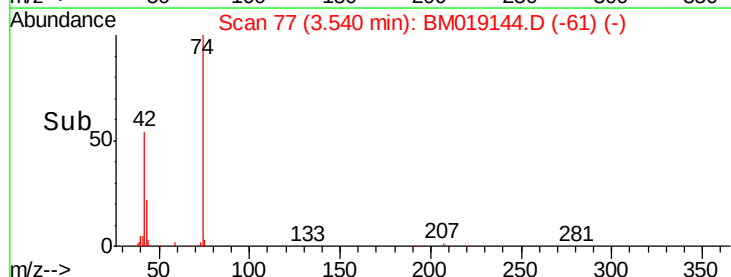
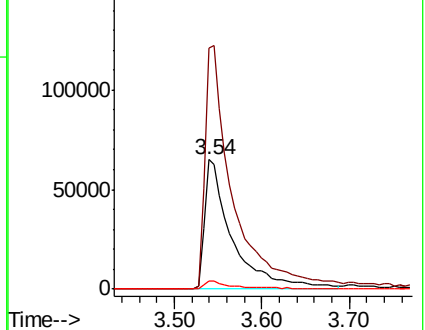
44 5.8 4.6 7.0

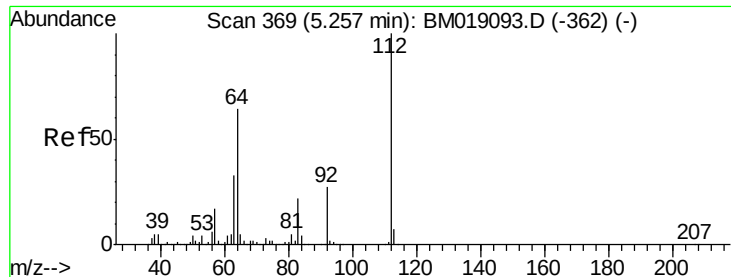


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

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: 79.021 ng

RT: 5.26 min Scan# 369

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

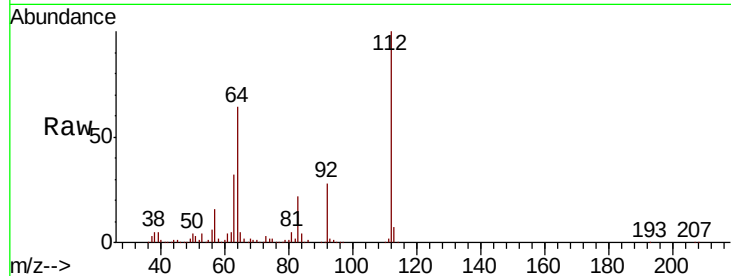
Tot Ion:112 Resp: 825580

Ion Ratio Lower Upper

112 100

64 64.1 51.4 77.0

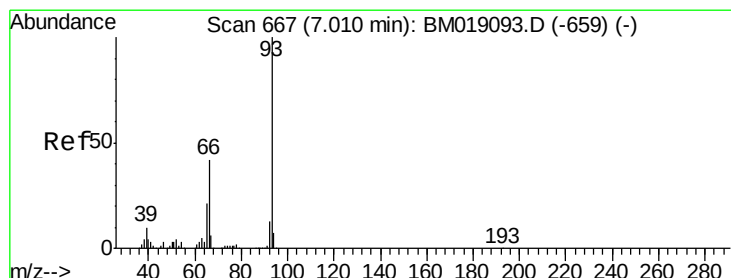
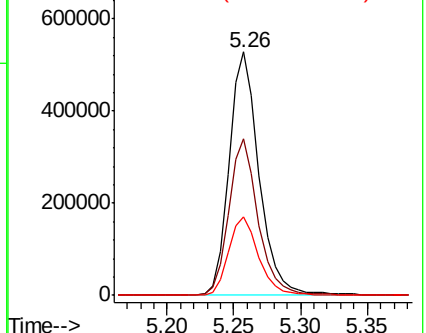
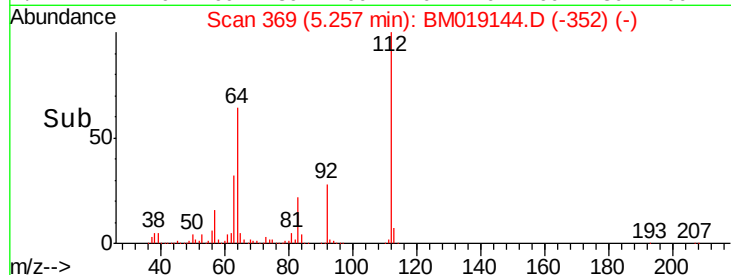
63 32.5 26.6 40.0



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: 40.499 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

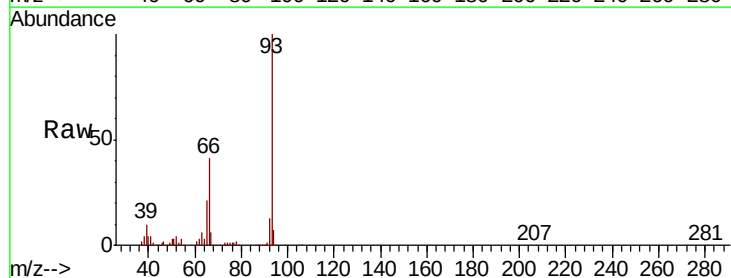
Tgt Ion: 93 Resp: 799041

Ion Ratio Lower Upper

93 100

66 41.4 33.4 50.2

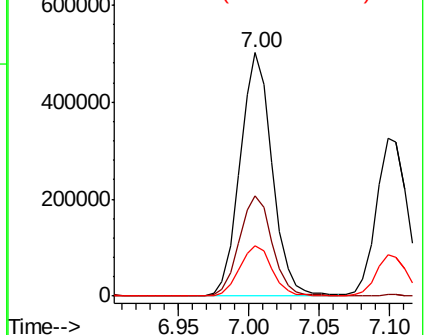
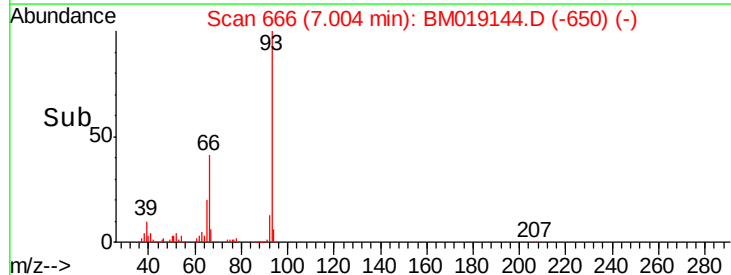
65 20.5 16.8 25.2

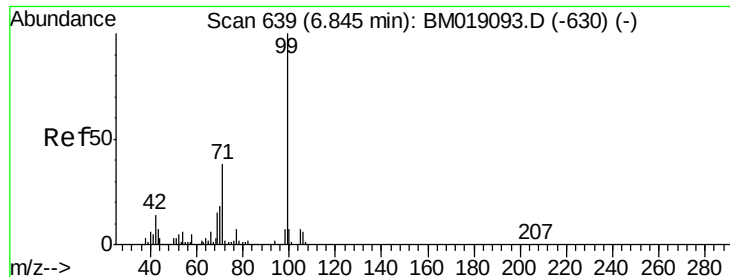


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 84.749 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

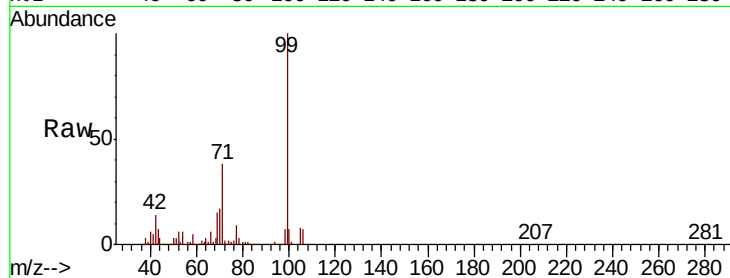
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 1295109

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	37.9	30.3	45.5

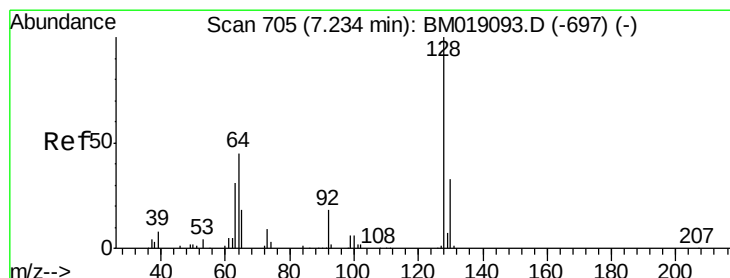
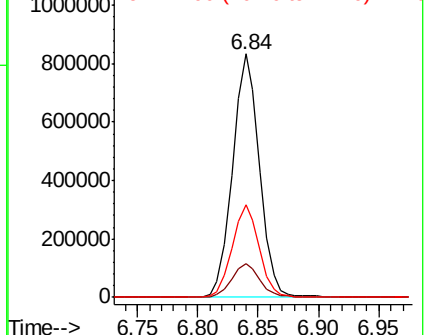
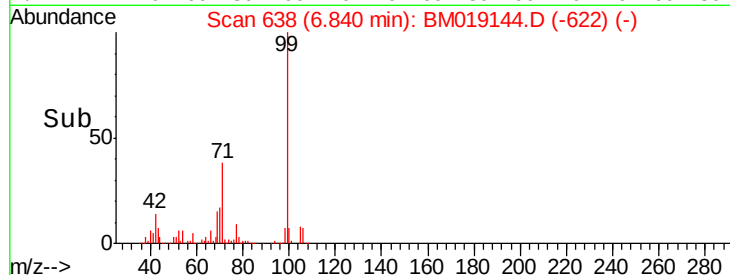


Abundance

Ion 99.00 (98.70 to 99.70): BM019144.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019144.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019144.D (-622) (-)



#8

2-Chlorophenol

Concen: 40.444 ng

RT: 7.23 min Scan# 704

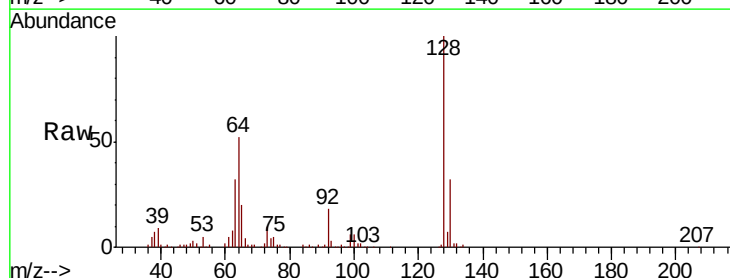
Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Tgt Ion: 128 Resp: 507765

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.8	52.8
64	51.7	30.8	70.8

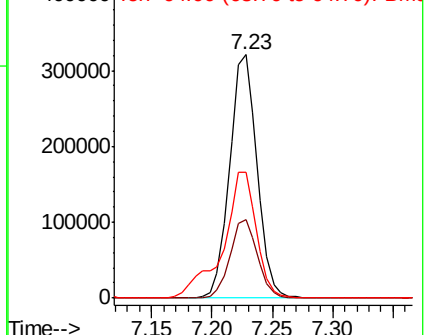
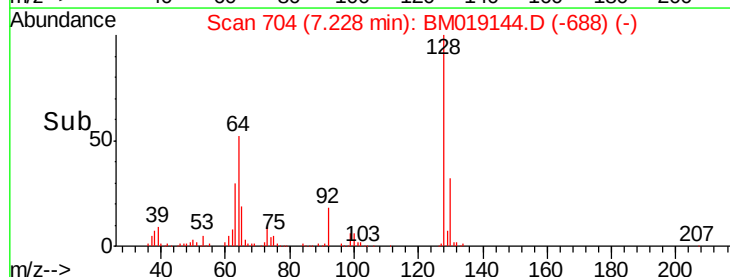


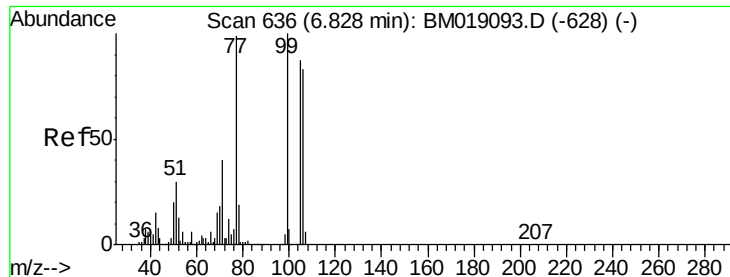
Abundance

Ion 128.00 (127.70 to 128.70): BM019144.D (-688) (-)

Ion 130.00 (129.70 to 130.70): BM019144.D (-688) (-)

Ion 64.00 (63.70 to 64.70): BM019144.D (-688) (-)





#9

Benzaldehyde

Concen: 40.746 ng

RT: 6.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

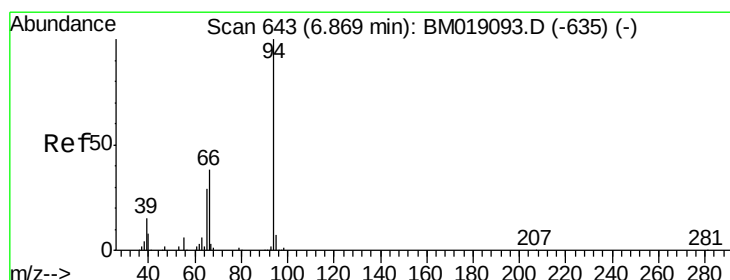
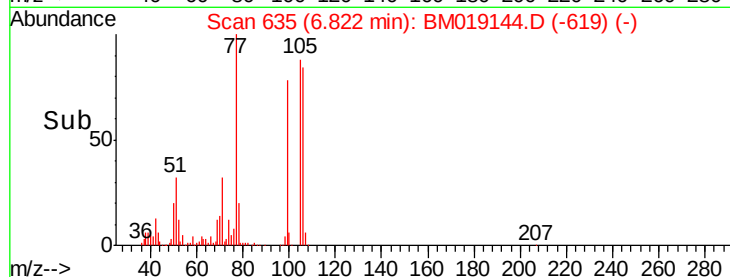
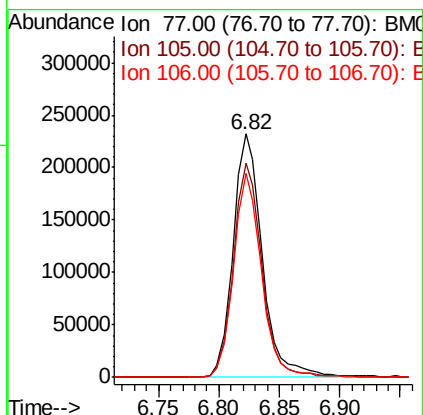
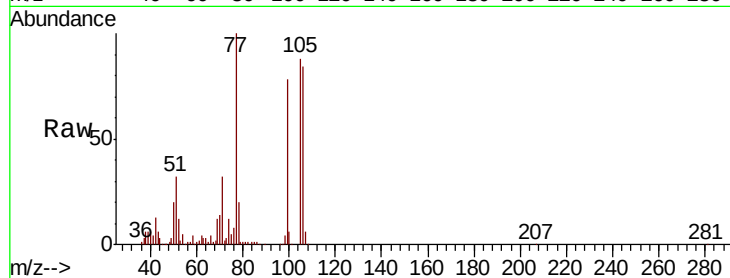
Tot Ion: 77 Resp: 391663

Ion Ratio Lower Upper

77 100

105 87.8 67.7 107.7

106 83.6 64.1 104.1



#10

Phenol

Concen: 42.539 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

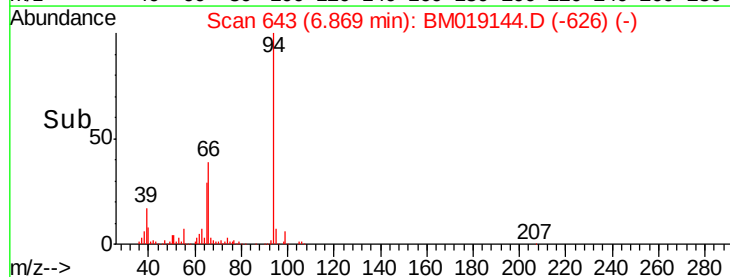
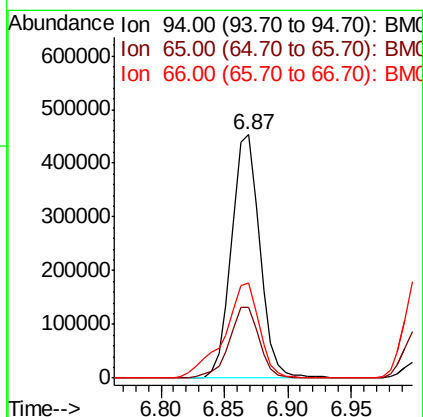
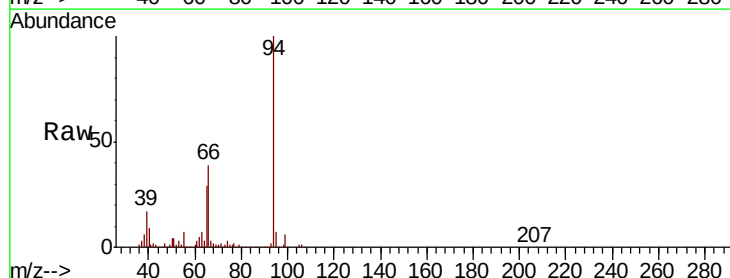
Tgt Ion: 94 Resp: 700587

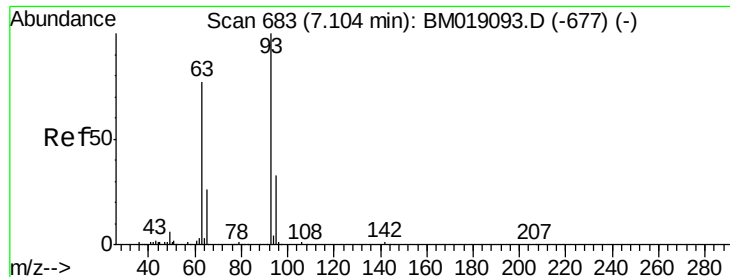
Ion Ratio Lower Upper

94 100

65 28.9 9.7 49.7

66 39.2 19.2 59.2

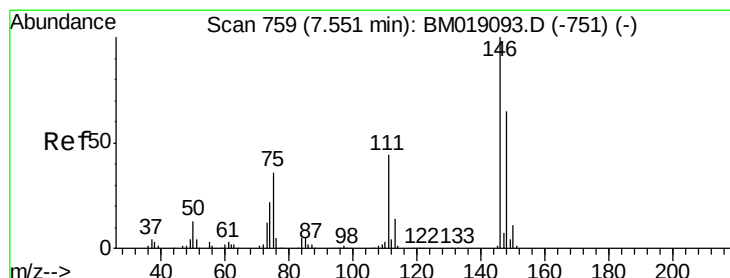
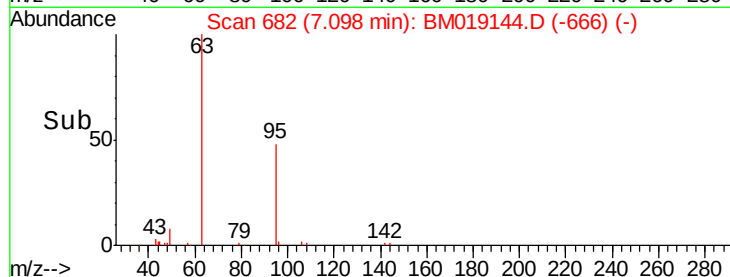
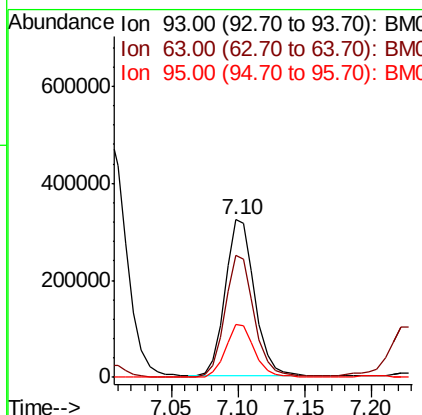
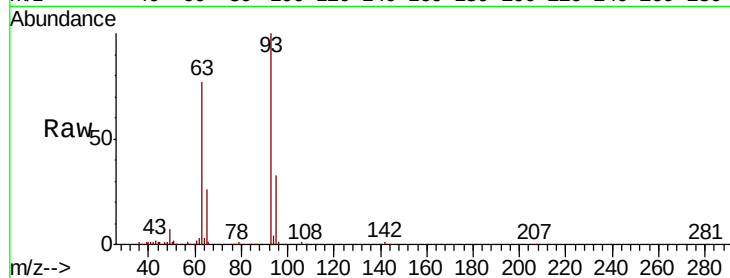




#11
bis(2-Chloroethyl)ether
Concen: 39.394 ng
RT: 7.10 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

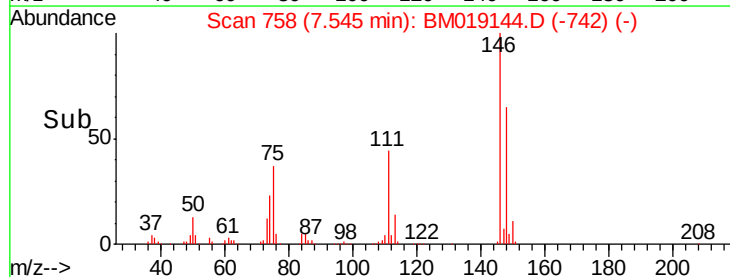
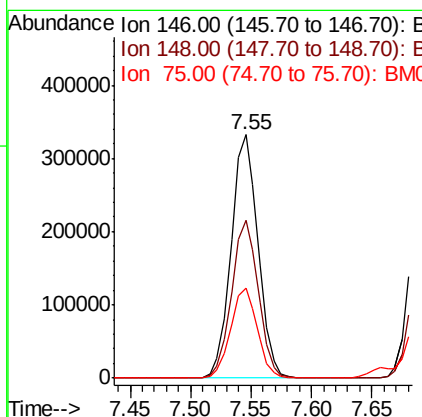
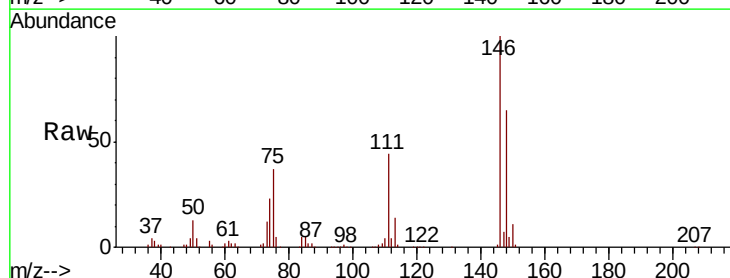
Instrument :
BNA_M
ClientSampleId :

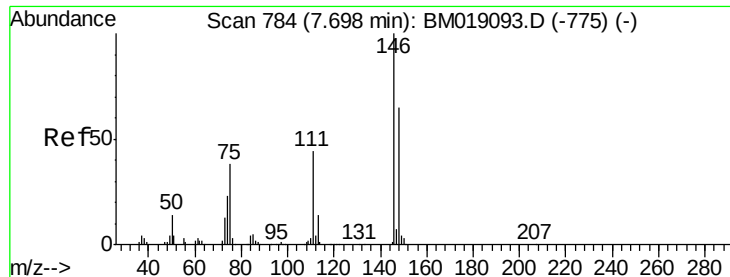
Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	56.6	96.6
95	33.5	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 38.798 ng
RT: 7.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
75	36.8	29.1	43.7

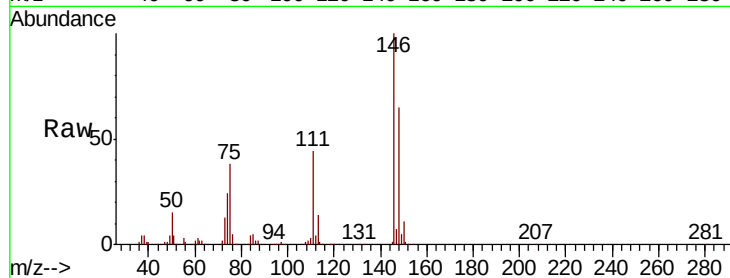




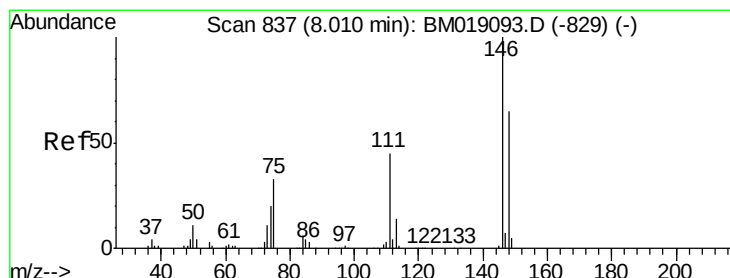
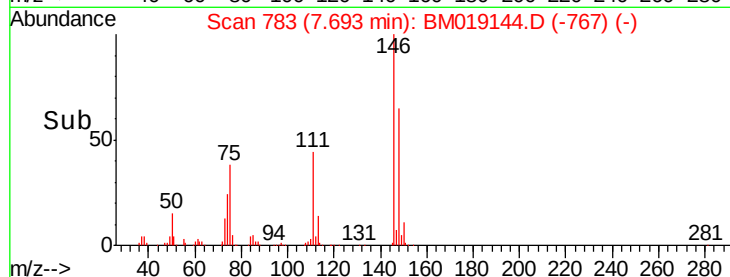
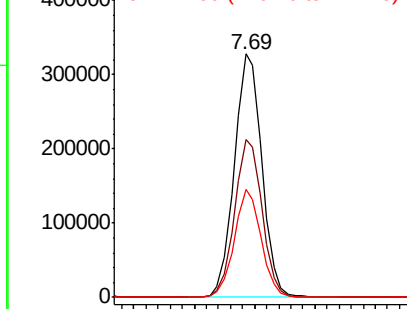
#13
1,4-Dichlorobenzene
Concen: 38.587 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:146 Resp: 522675
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 44.5 35.4 53.0

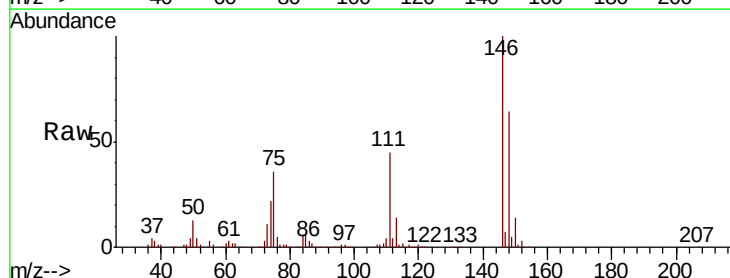


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

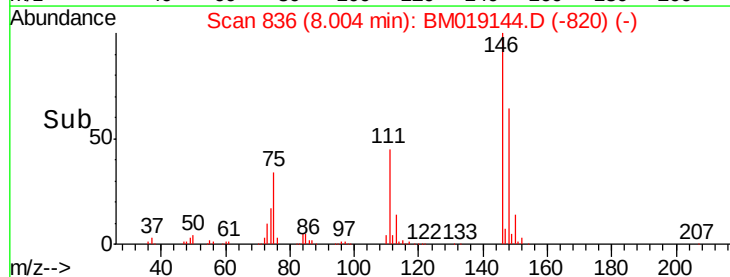
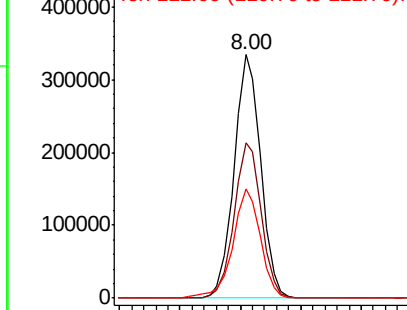


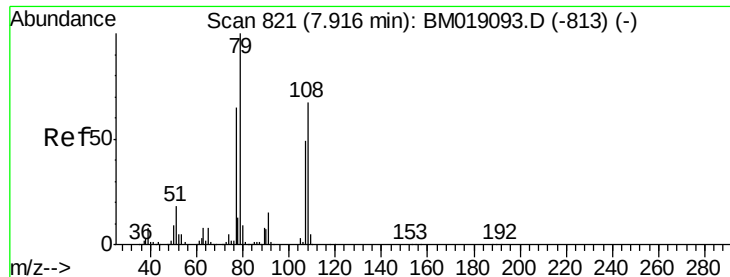
#14
1,2-Dichlorobenzene
Concen: 38.995 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:146 Resp: 513900
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 44.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.893 ng

RT: 7.92 min Scan# 821

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

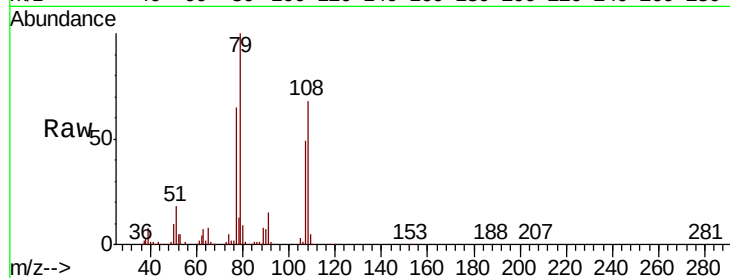
Tot Ion: 79 Resp: 529848

Ion Ratio Lower Upper

79 100

108 68.1 53.7 80.5

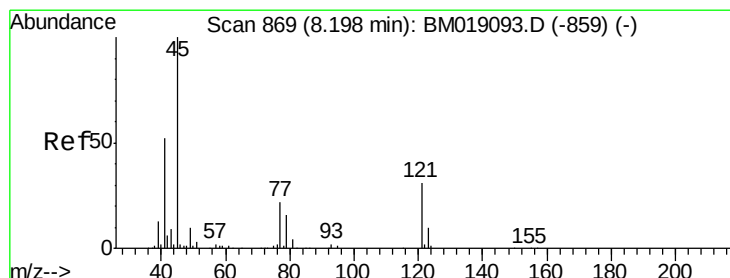
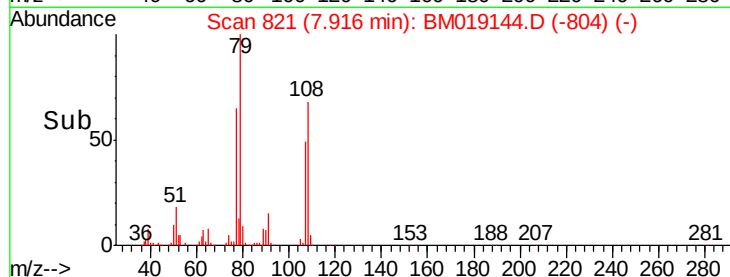
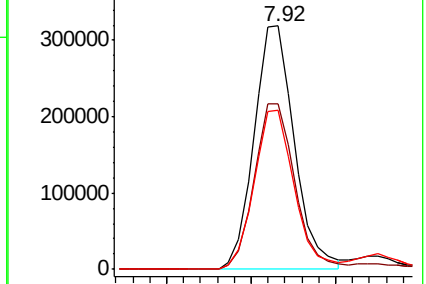
77 65.1 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BM019144.D (-804) (-)

Ion 108.00 (107.70 to 108.70): BM019144.D (-804) (-)

Ion 77.00 (76.70 to 77.70): BM019144.D (-804) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.617 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

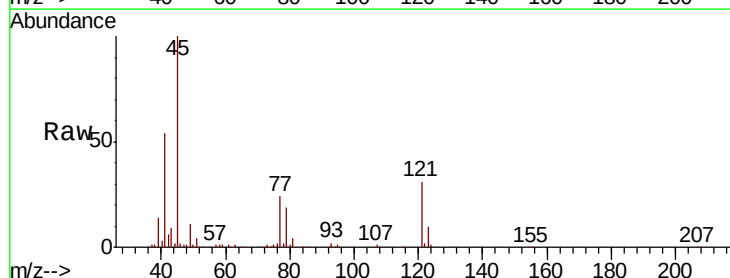
Tgt Ion: 45 Resp: 508367

Ion Ratio Lower Upper

45 100

77 23.9 4.1 44.1

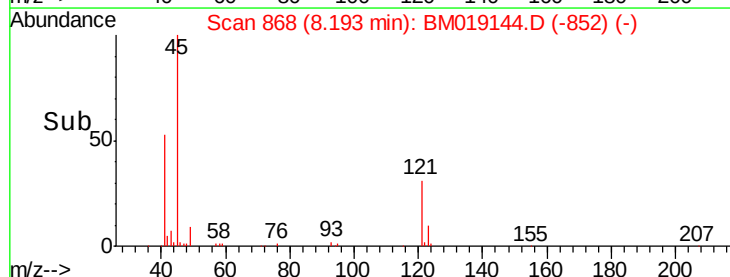
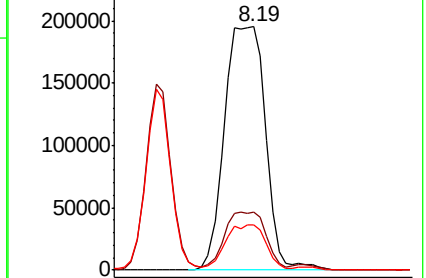
79 18.7 0.0 38.1

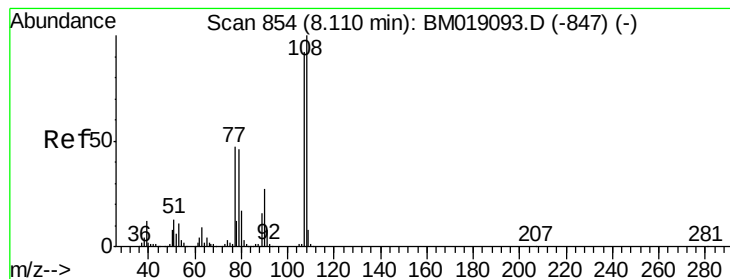


Abundance Ion 45.00 (44.70 to 45.70): BM019144.D (-852) (-)

Ion 77.00 (76.70 to 77.70): BM019144.D (-852) (-)

Ion 79.00 (78.70 to 79.70): BM019144.D (-852) (-)

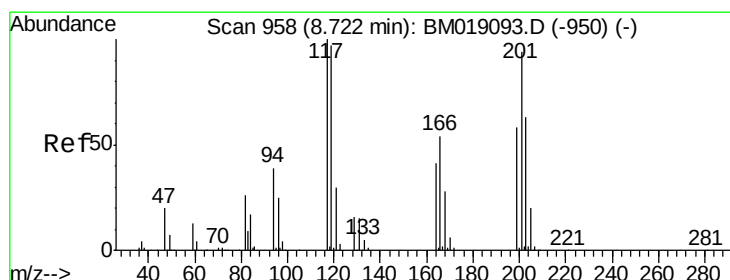
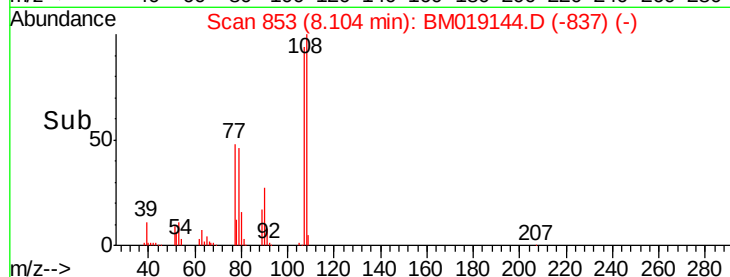
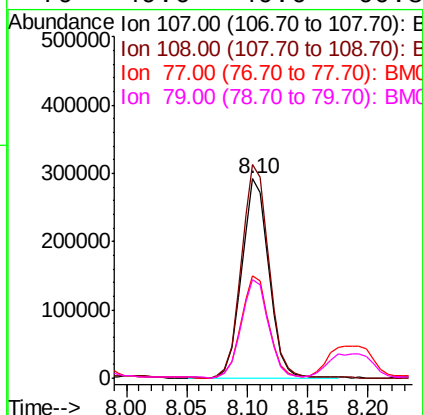
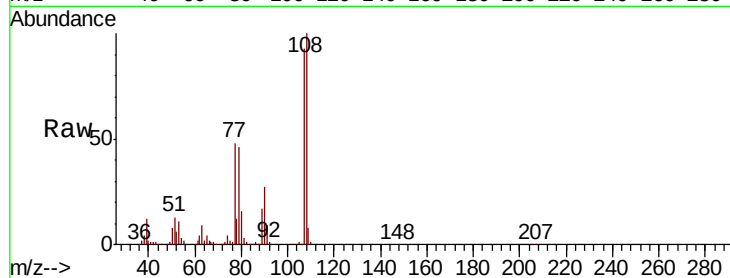




#17
2-Methylphenol
Concen: 42.482 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

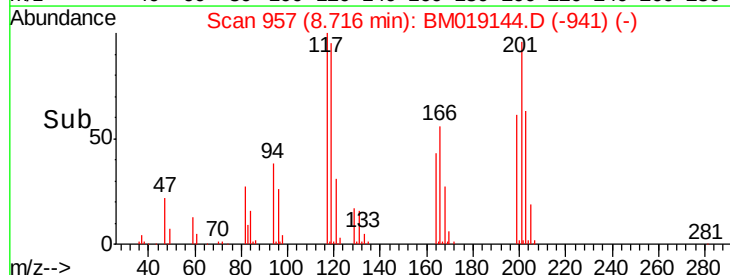
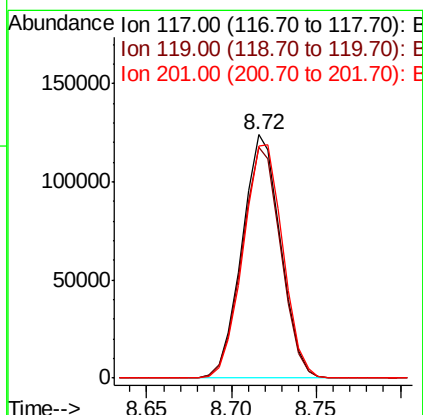
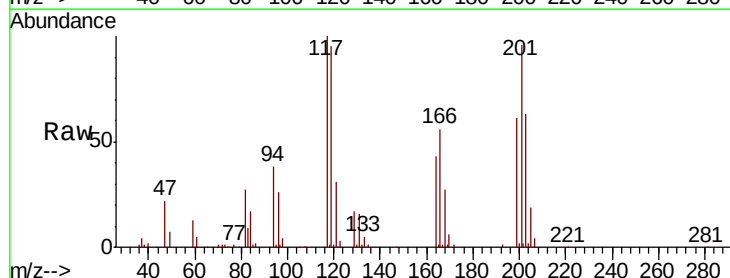
Instrument :
BNA_M
ClientSampled :

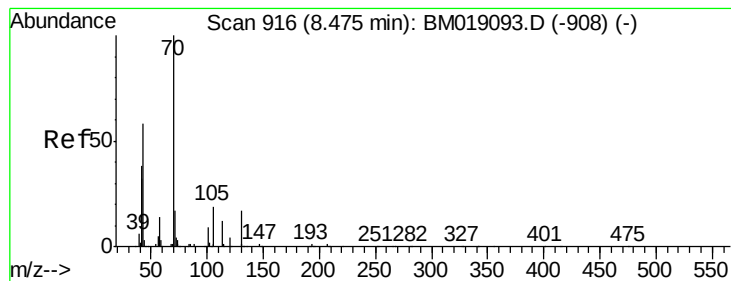
Tot Ion:	107	Resp:	455928
Ion	Ratio	Lower	Upper
107	100		
108	107.0	87.4	131.2
77	51.1	41.6	62.4
79	49.6	40.6	60.8



#18
Hexachloroethane
Concen: 39.124 ng
RT: 8.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:	117	Resp:	196924
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.2
201	95.5	75.2	112.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.756 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 523499

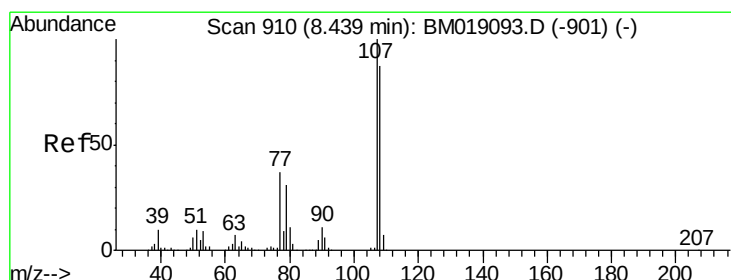
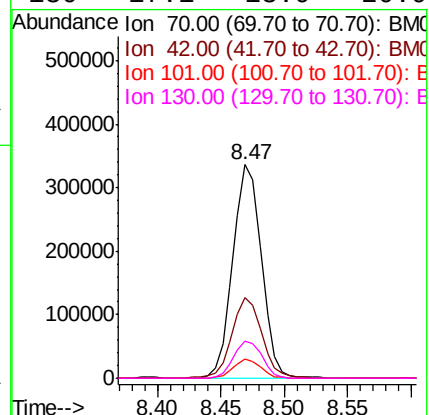
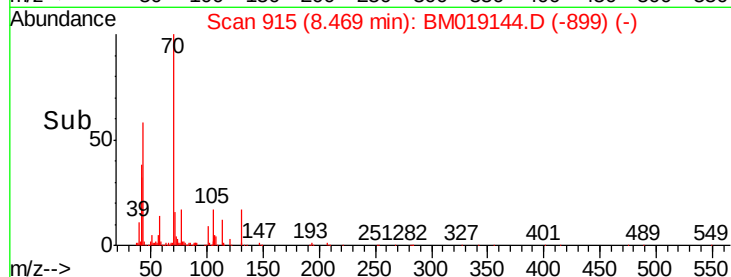
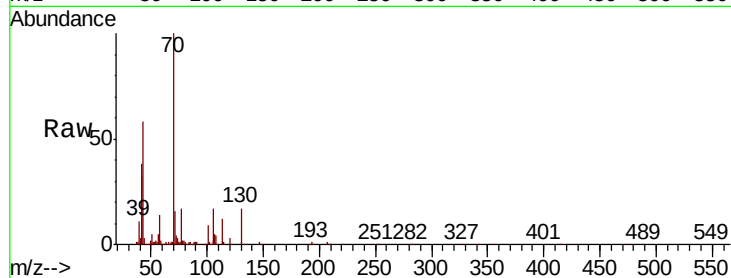
Ion Ratio Lower Upper

70 100

42 37.8 30.6 45.8

101 8.7 6.8 10.2

130 17.1 13.9 20.9



#20

3+4-Methylphenols

Concen: 43.884 ng

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Tgt Ion: 107 Resp: 639293

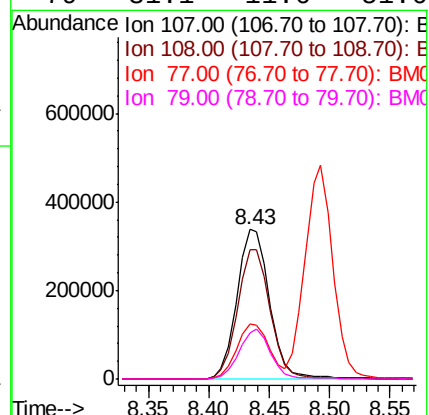
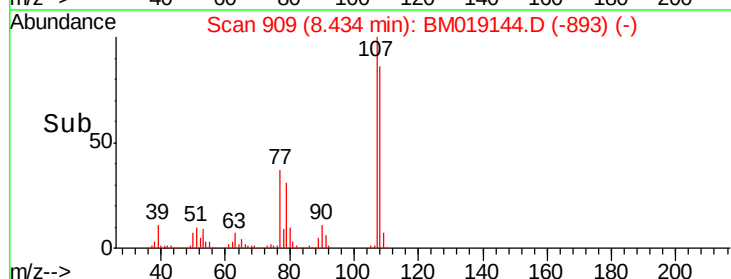
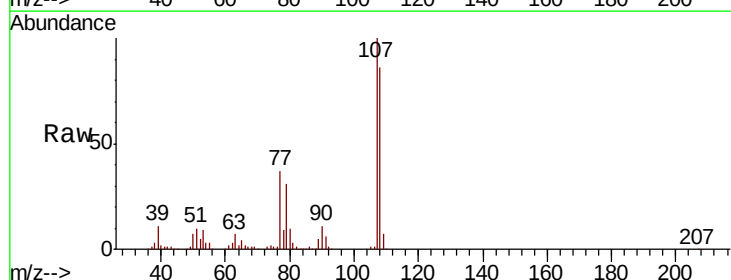
Ion Ratio Lower Upper

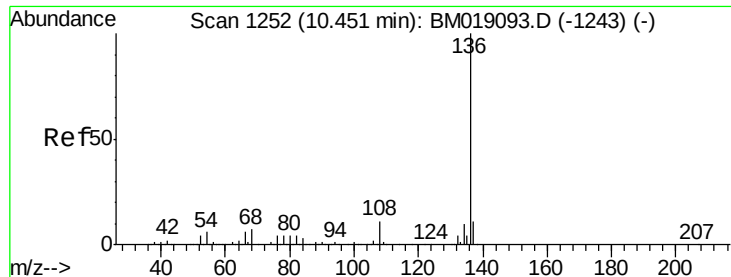
107 100

108 86.4 67.0 107.0

77 37.2 17.3 57.3

79 31.1 11.6 51.6

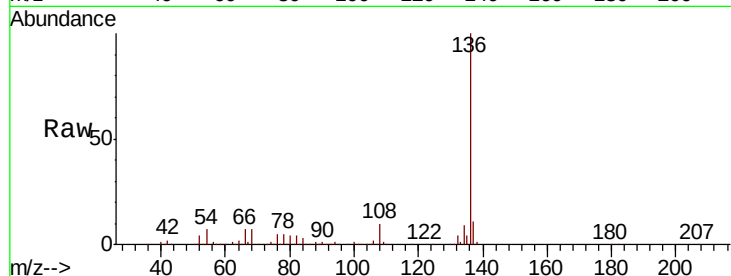




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	818910
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 6.6	5.2	7.8
68 7.3	5.8	8.8



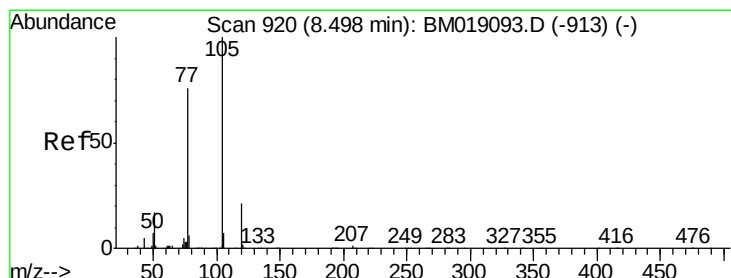
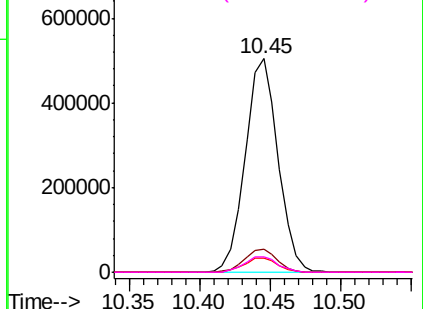
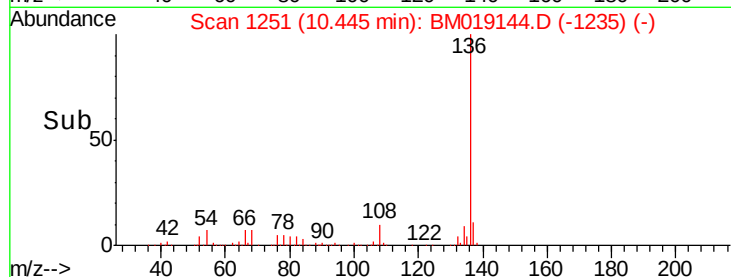
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

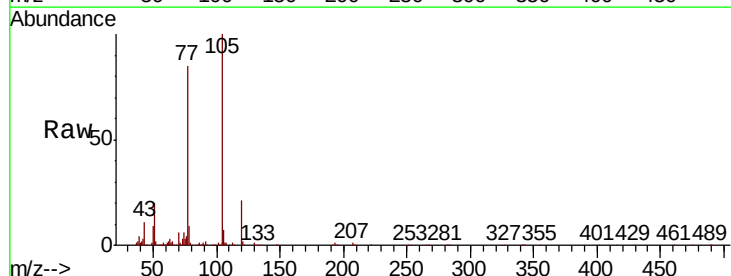
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 39.596 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt	Ion:105	Resp:	896096
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.8	1.2
51	20.0	15.8	23.6
120	20.8	17.0	25.4



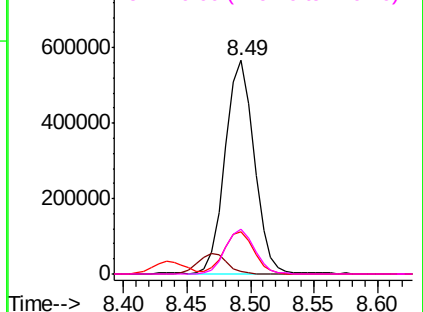
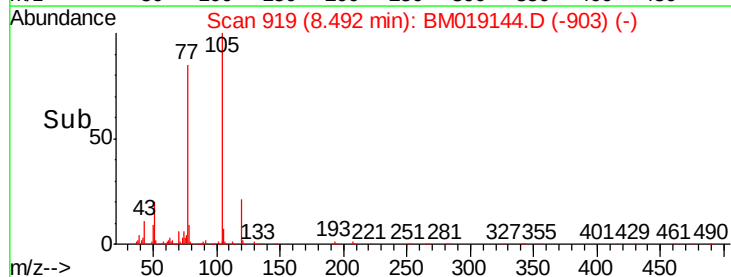
Abundance

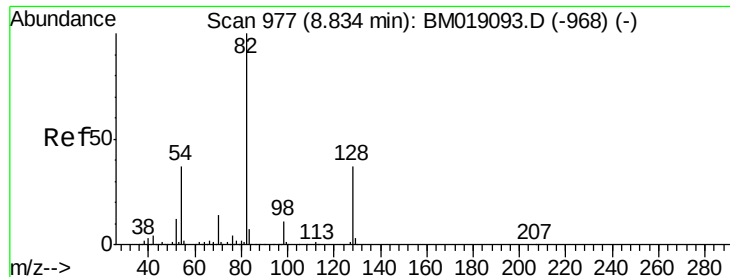
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.507 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

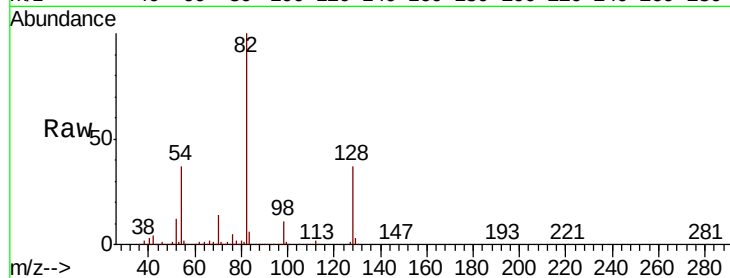
Tot Ion: 82 Resp: 1377389

Ion Ratio Lower Upper

82 100

128 36.9 29.4 44.2

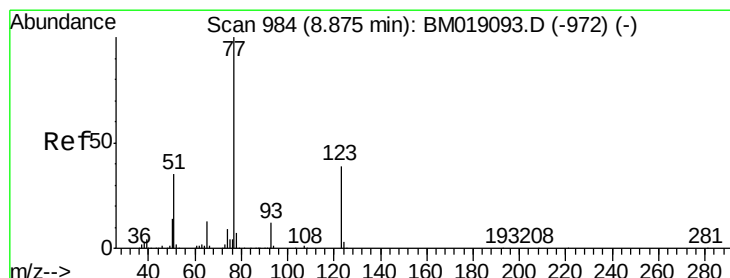
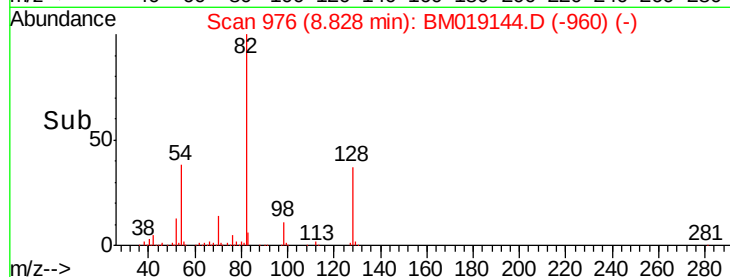
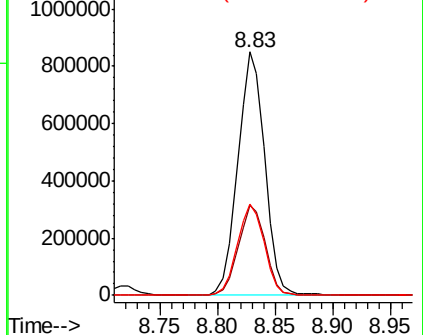
54 37.4 29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM019144.D (-960) (-)

Ion 128.00 (127.70 to 128.70): BM019144.D (-960) (-)

Ion 54.00 (53.70 to 54.70): BM019144.D (-960) (-)



#24

Nitrobenzene

Concen: 39.986 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

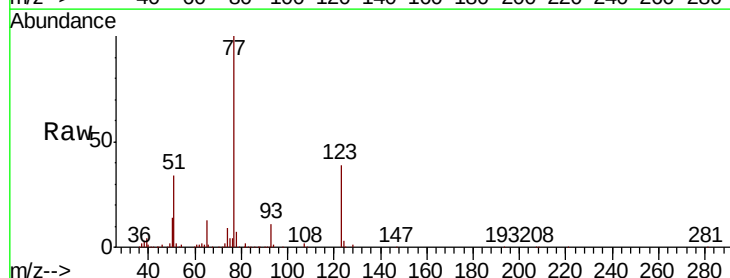
Tgt Ion: 77 Resp: 720443

Ion Ratio Lower Upper

77 100

123 38.6 31.3 46.9

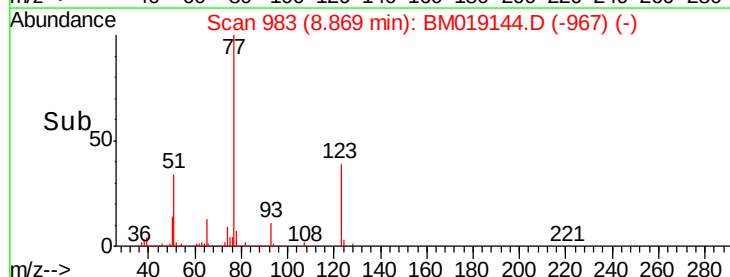
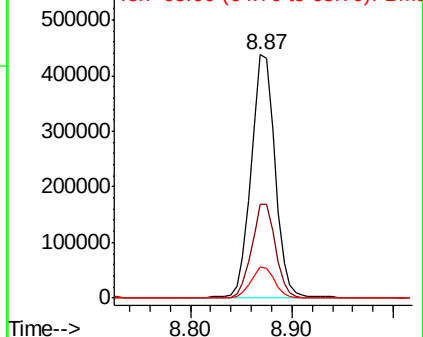
65 12.8 10.5 15.7

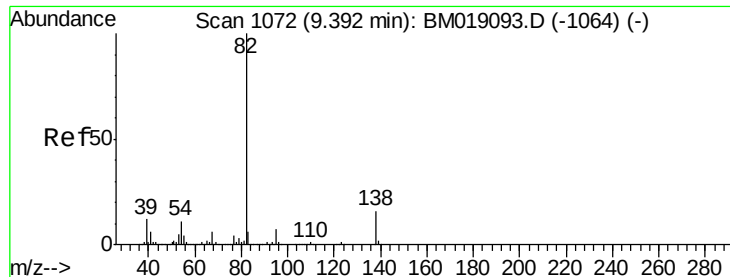


Abundance Ion 77.00 (76.70 to 77.70): BM019144.D (-967) (-)

Ion 123.00 (122.70 to 123.70): BM019144.D (-967) (-)

Ion 65.00 (64.70 to 65.70): BM019144.D (-967) (-)

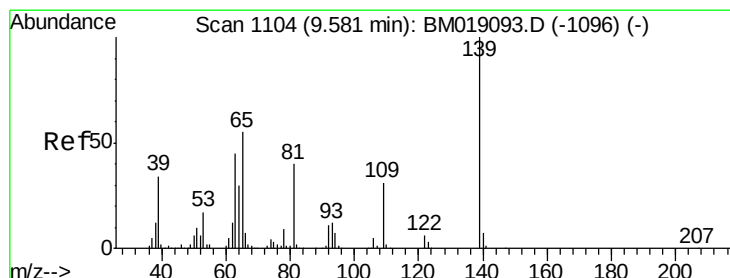
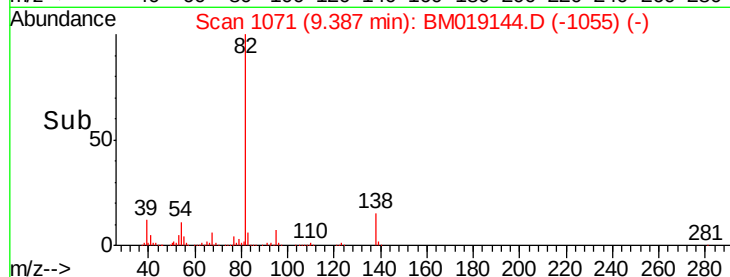
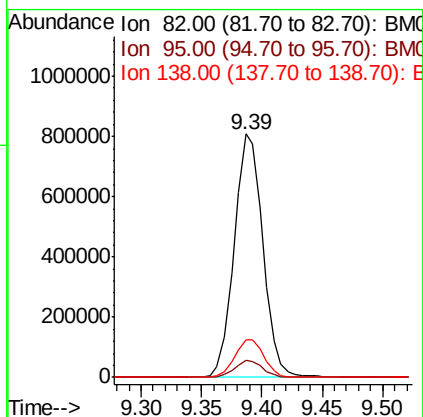
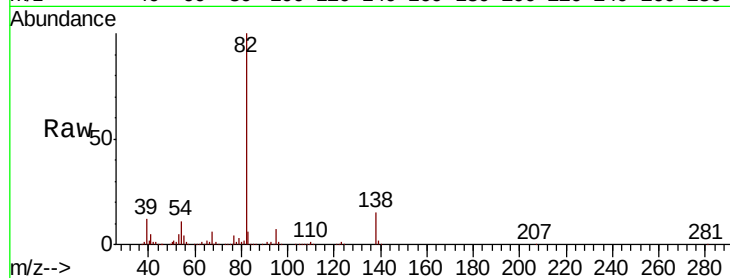




#25
Isophorone
Concen: 40.500 ng
RT: 9.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

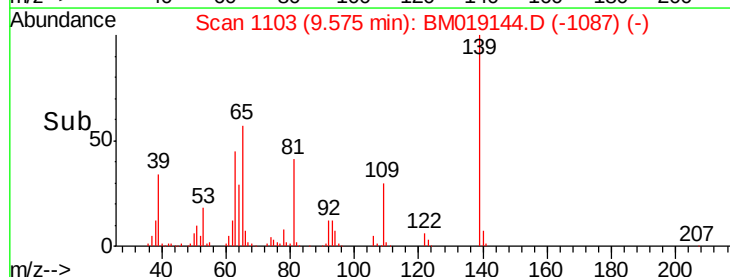
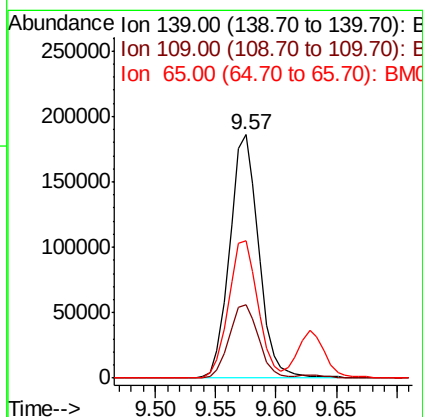
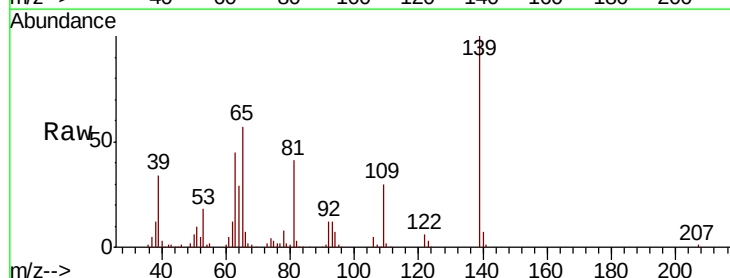
Instrument :
BNA_M
ClientSampleId :

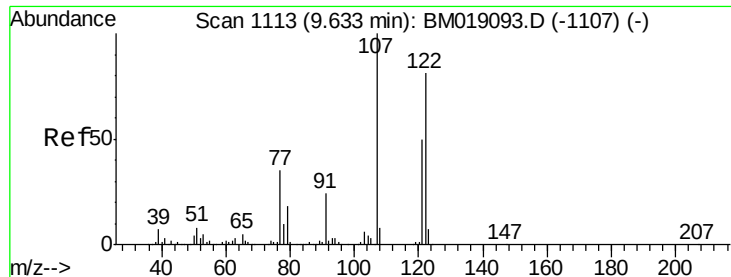
Tot Ion: 82 Resp: 1338812
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 15.4 12.6 18.8



#26
2-Nitrophenol
Concen: 41.783 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion: 139 Resp: 312046
Ion Ratio Lower Upper
139 100
109 30.2 24.5 36.7
65 56.6 44.4 66.6

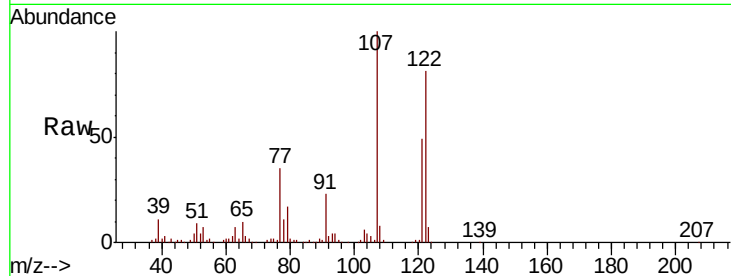




#27
2,4-Dimethylphenol
Concen: 41.171 ng
RT: 9.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.0	98.2	147.4
121	60.7	48.8	73.2

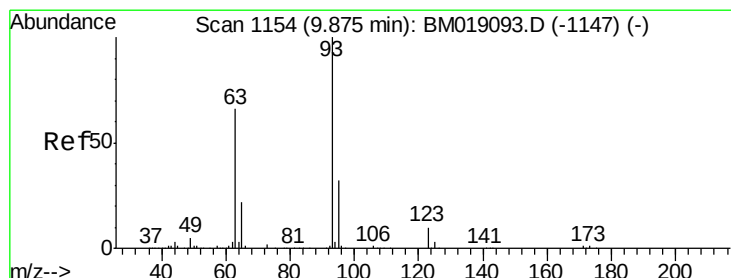
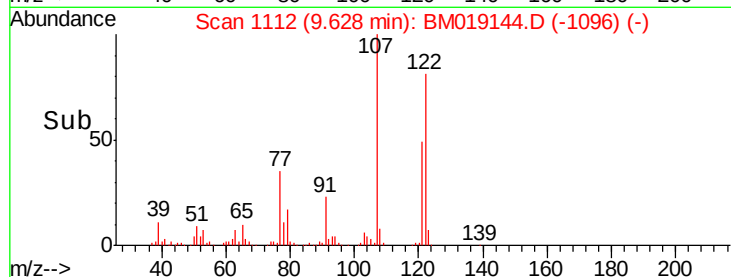
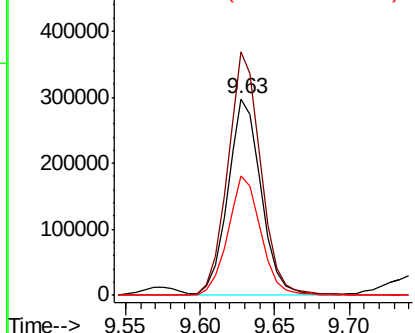


Abundance

Ion 122.00 (121.70 to 122.70): E

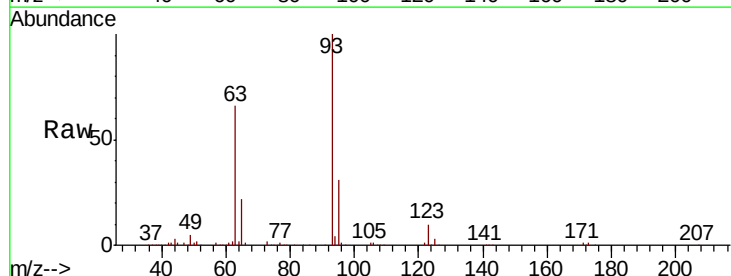
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.034 ng
RT: 9.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.8	38.8
123	10.3	7.9	11.9

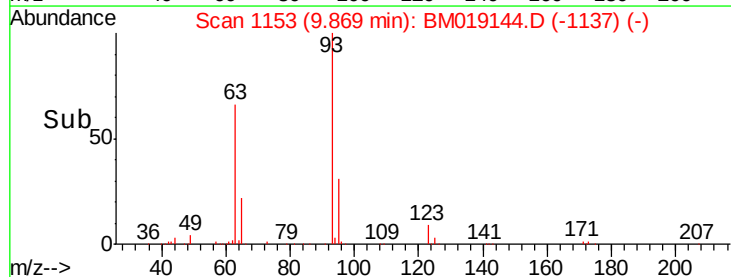
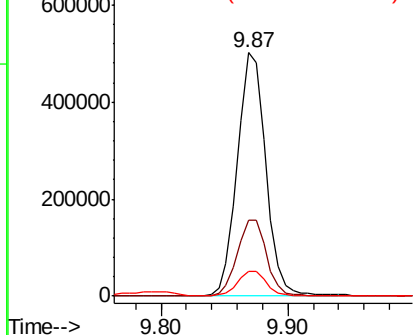


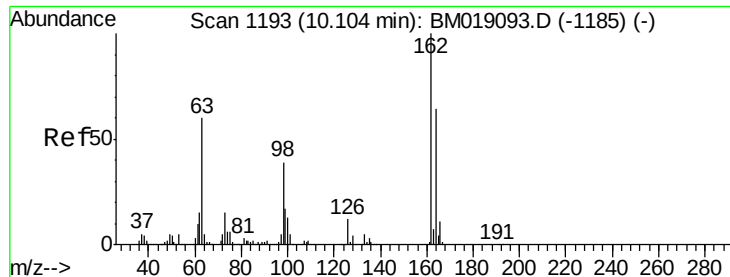
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

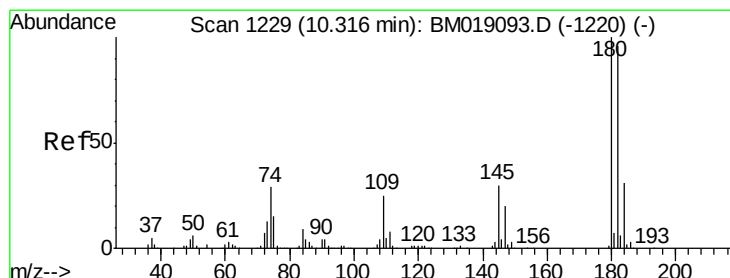
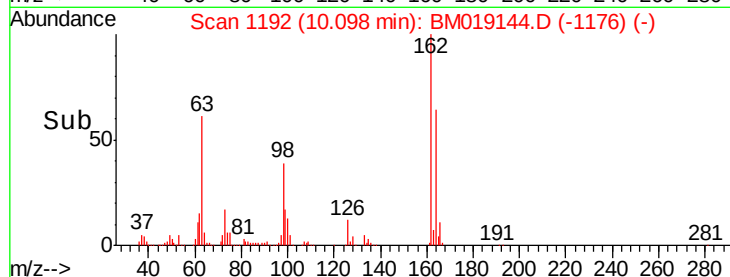
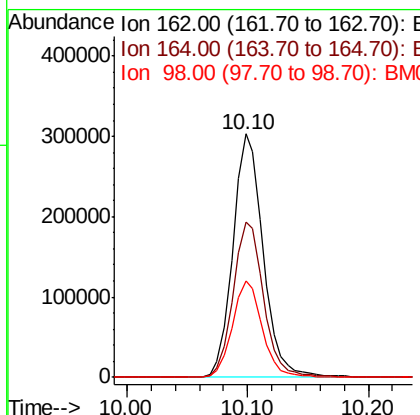
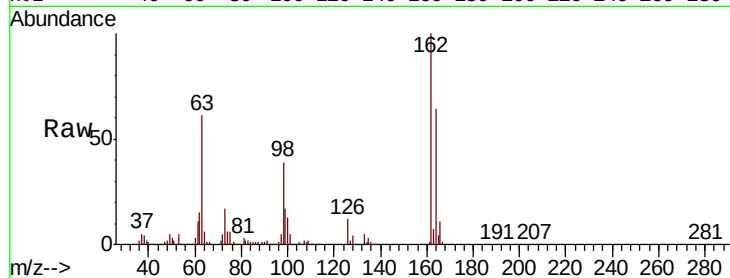




#29
2,4-Dichlorophenol
Concen: 42.974 ng
RT: 10.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

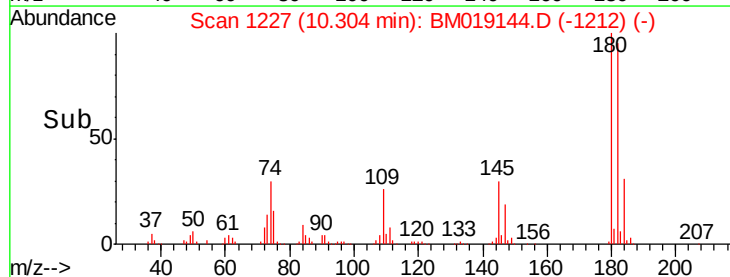
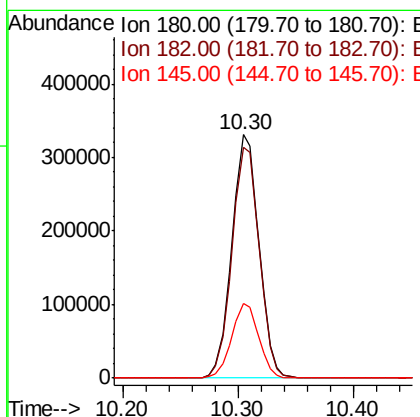
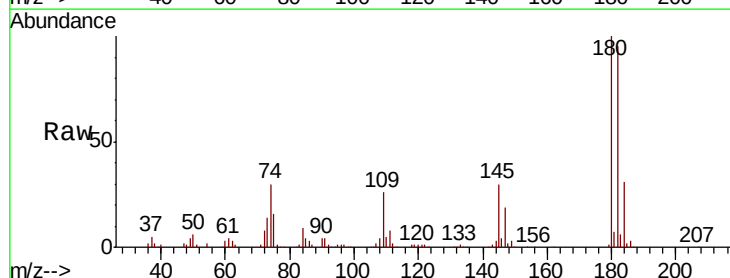
Instrument :
BNA_M
ClientSampleId :

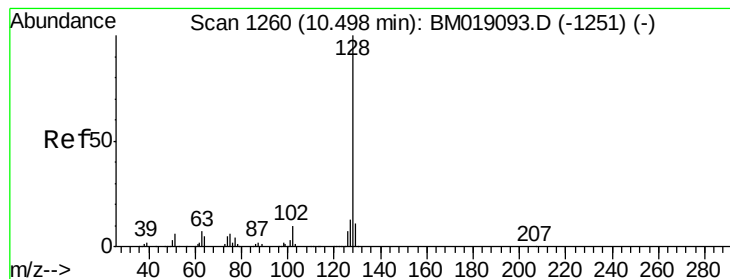
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.5	83.5
98	39.5	19.1	59.1



#30
1,2,4-Trichlorobenzene
Concen: 38.830 ng
RT: 10.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	114.8
145	30.5	24.3	36.5





#31

Naphthalene

Concen: 39.088 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

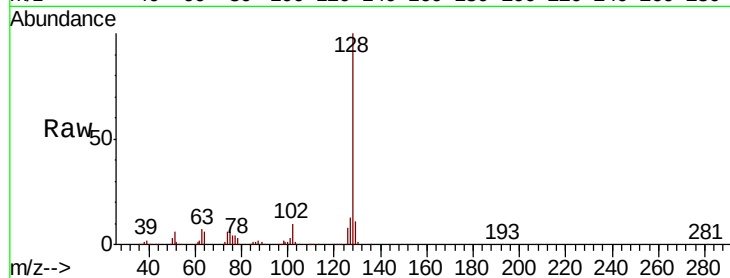
Tot Ion:128 Resp: 1687122

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

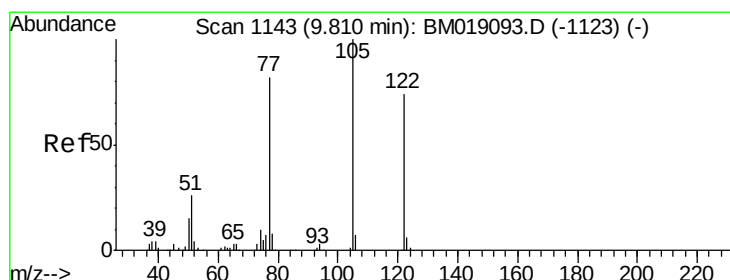
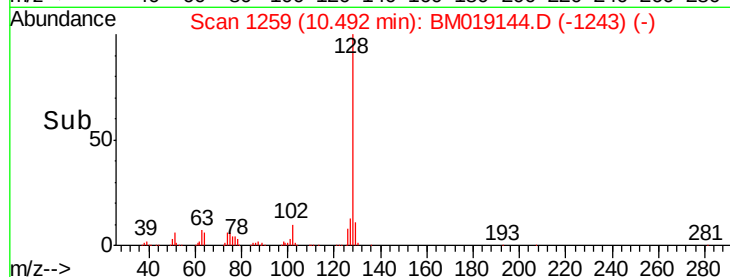
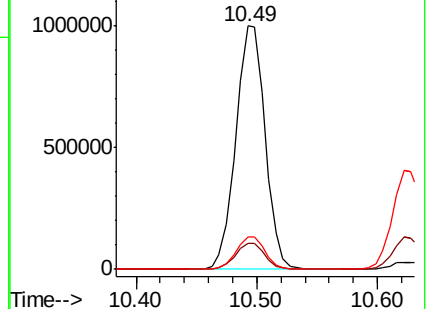
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.982 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

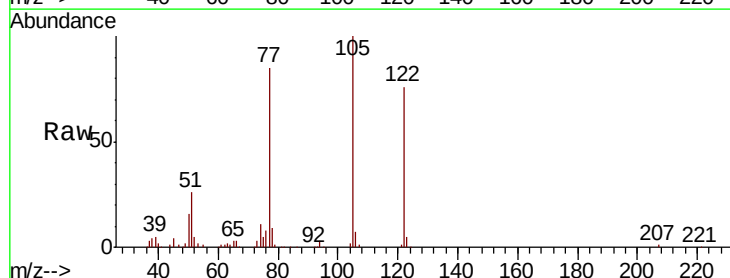
Tgt Ion:122 Resp: 357146

Ion Ratio Lower Upper

122 100

105 130.8 113.0 153.0

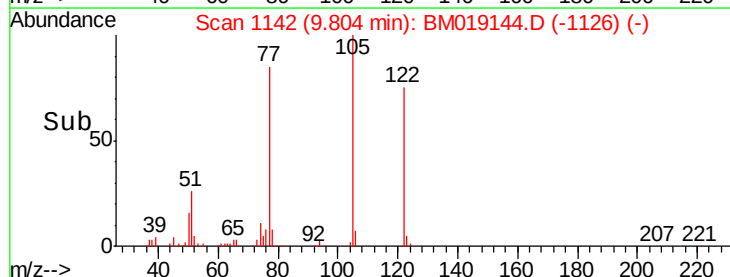
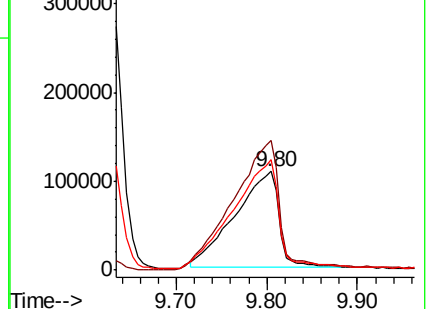
77 111.7 90.1 130.1

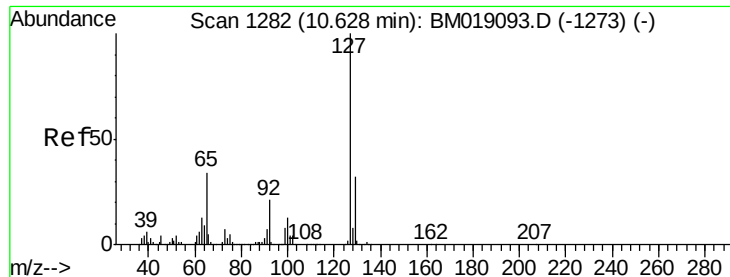


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

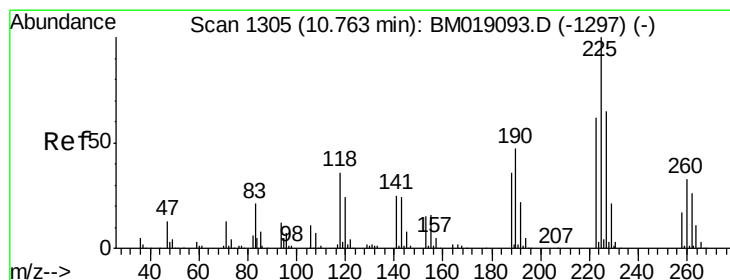
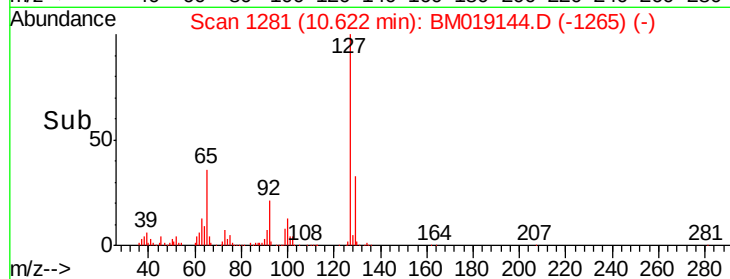
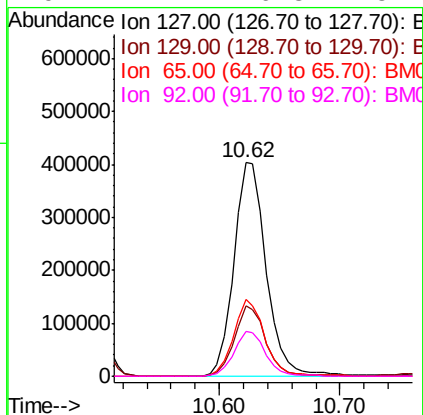
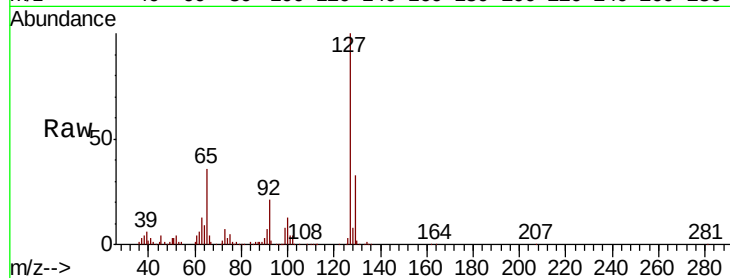




#33
4-Chloroaniline
Concen: 42.486 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

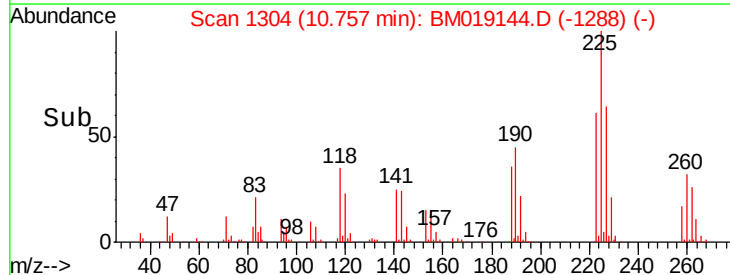
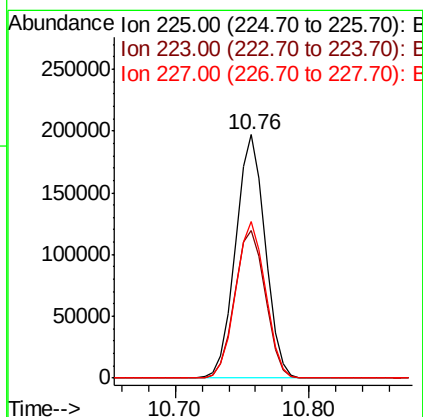
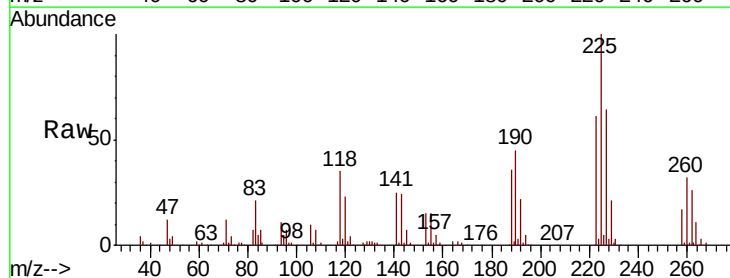
Instrument :
BNA_M
ClientSampleId :

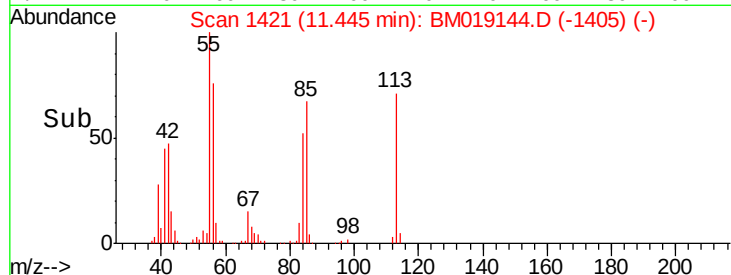
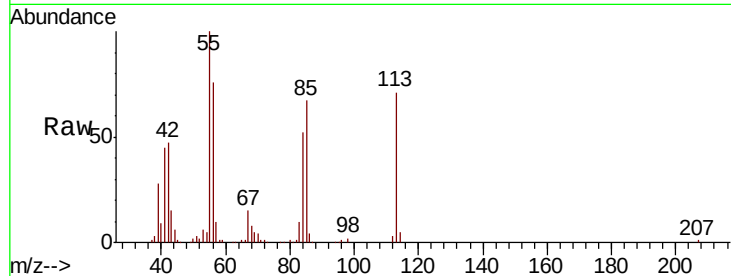
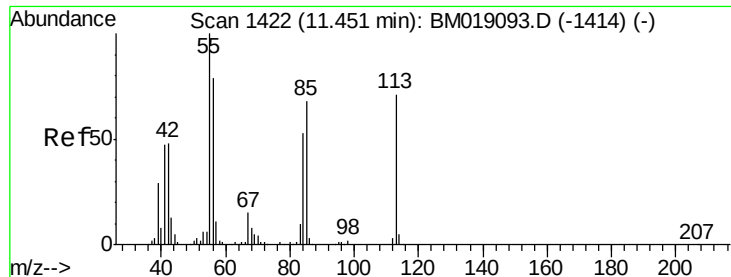
Tot Ion:	127	Resp:	751727
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	36.0	27.4	41.2
92	21.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.978 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:	225	Resp:	302189
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.4	74.0
227	64.3	51.6	77.4

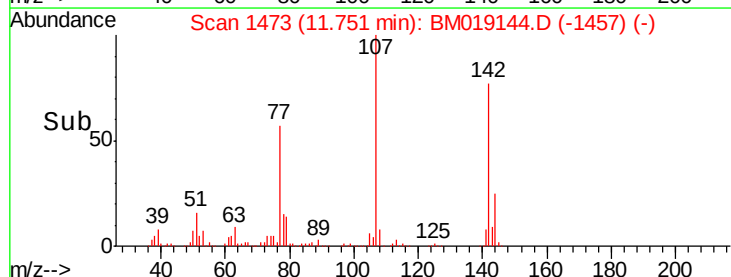
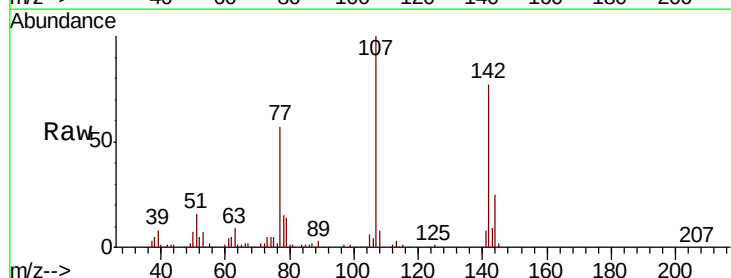
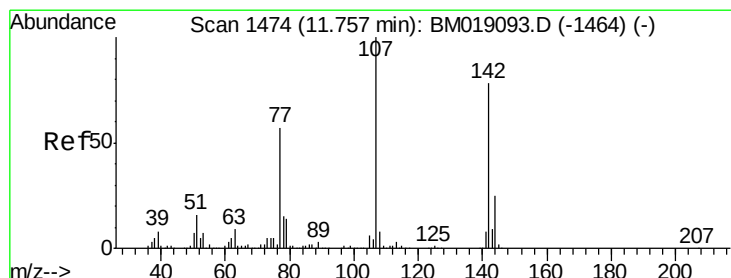
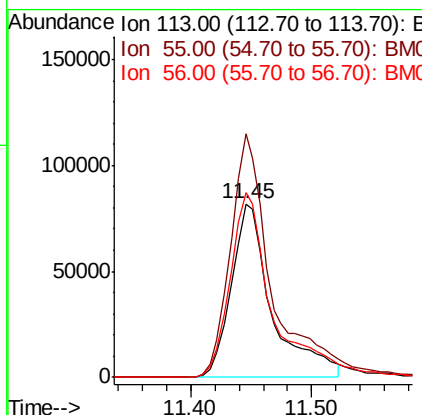




#35
Caprolactam
Concen: 43.820 ng
RT: 11.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

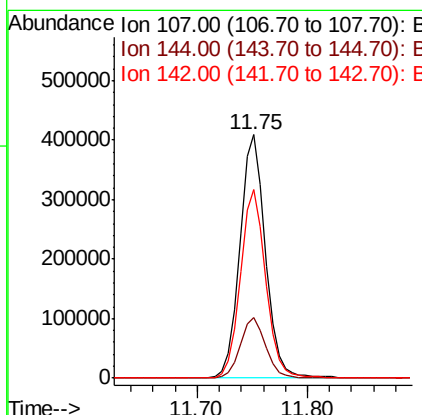
Instrument :
BNA_M
ClientSampleId :

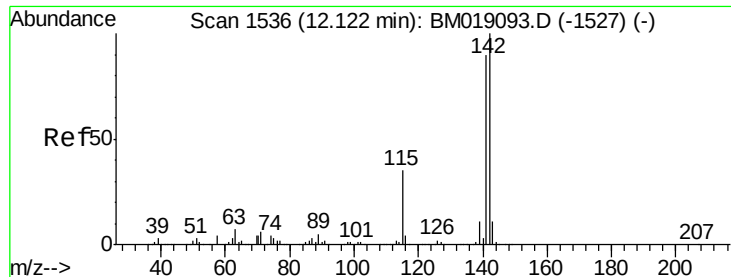
Tot Ion:113 Resp: 191947
Ion Ratio Lower Upper
113 100
55 140.3 120.1 160.1
56 106.7 90.1 130.1



#36
4-Chloro-3-methylphenol
Concen: 43.830 ng
RT: 11.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:107 Resp: 665009
Ion Ratio Lower Upper
107 100
144 24.6 20.2 30.4
142 77.4 62.4 93.6

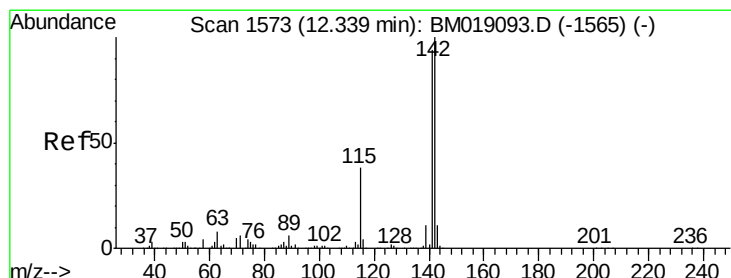
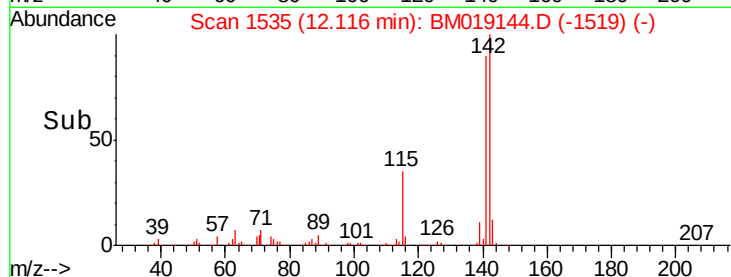
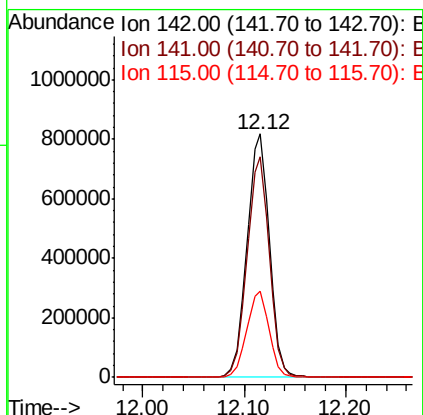
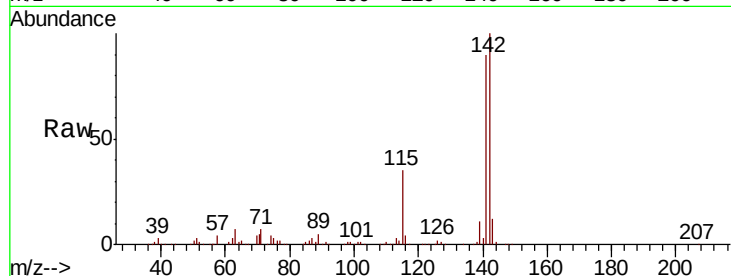




#37
2-Methylnaphthalene
Concen: 40.055 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

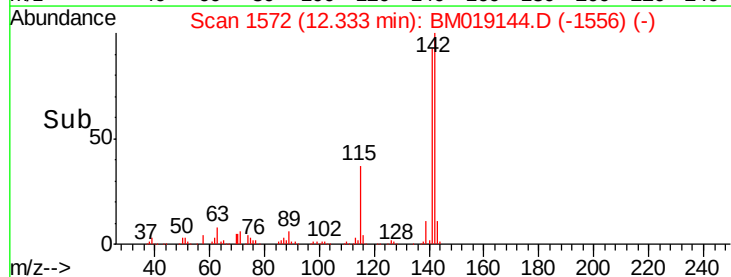
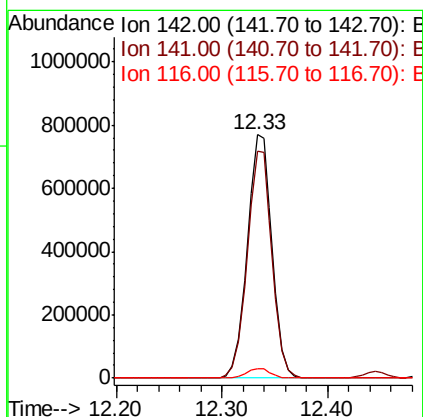
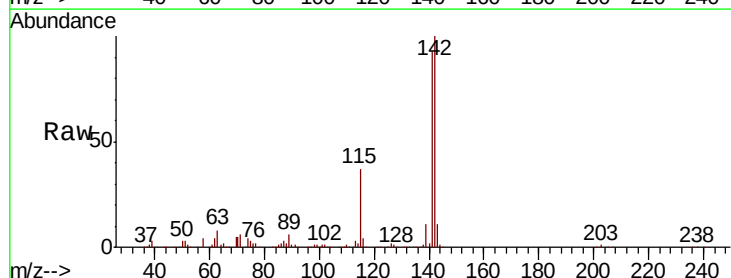
Instrument :
BNA_M
ClientSampleId :

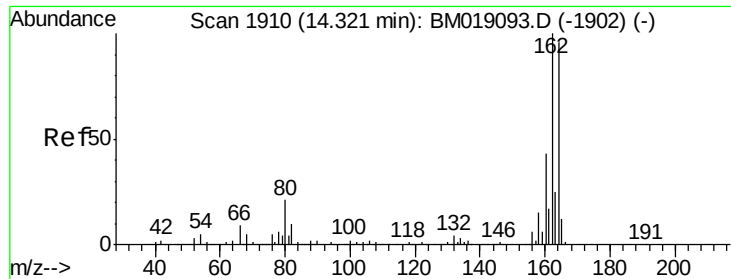
Tot Ion:142 Resp: 1256342
Ion Ratio Lower Upper
142 100
141 90.5 72.3 108.5
115 35.4 27.8 41.8



#38
1-Methylnaphthalene
Concen: 40.290 ng
RT: 12.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:142 Resp: 1245578
Ion Ratio Lower Upper
142 100
141 93.5 74.9 112.3
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

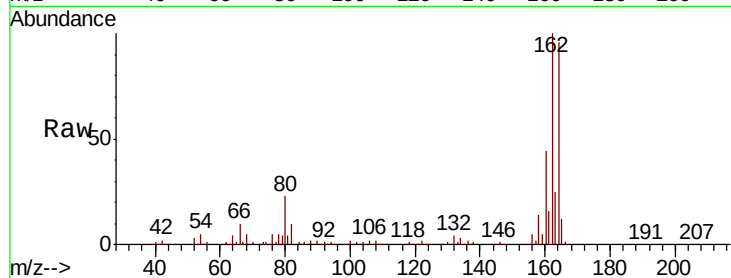
Tot Ion:164 Resp: 514240

Ion Ratio Lower Upper

164 100

162 104.2 83.5 125.3

160 46.0 36.3 54.5

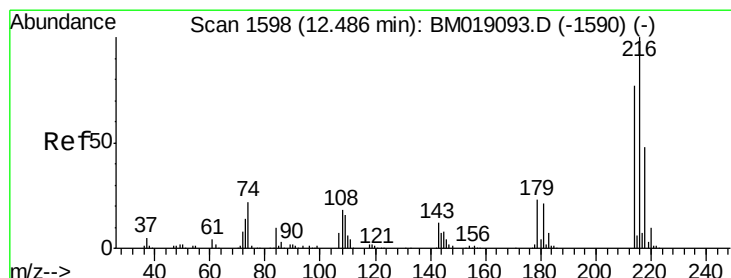
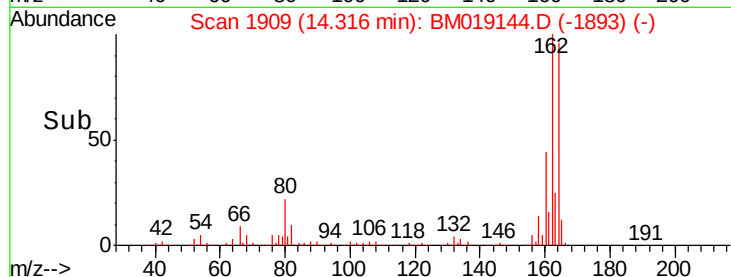
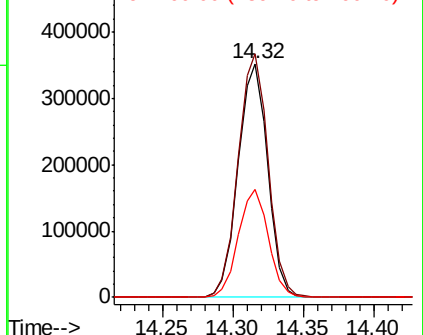


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.328 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Tgt Ion:216 Resp: 623463

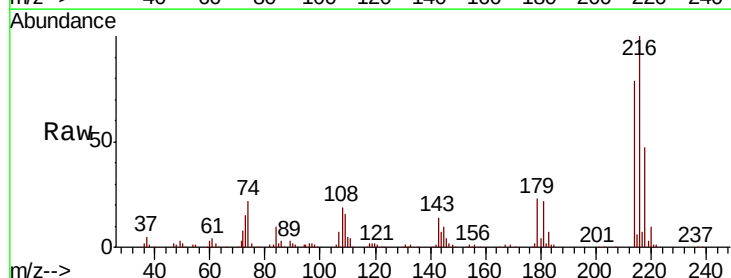
Ion Ratio Lower Upper

216 100

214 78.9 62.9 94.3

179 22.6 18.0 27.0

108 19.7 16.2 24.4



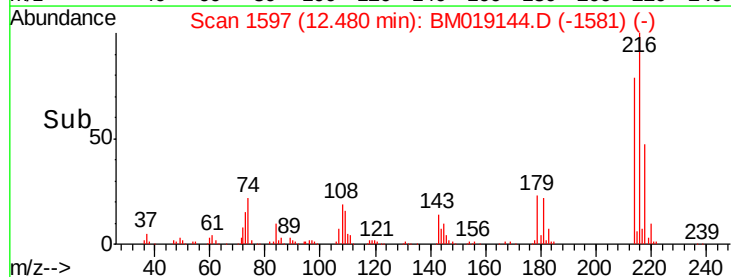
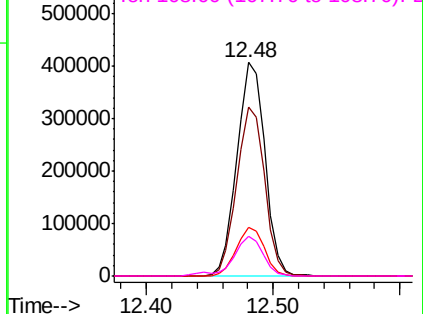
Abundance

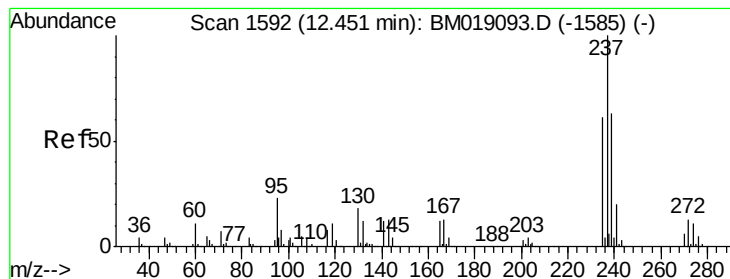
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 34.502 ng

RT: 12.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

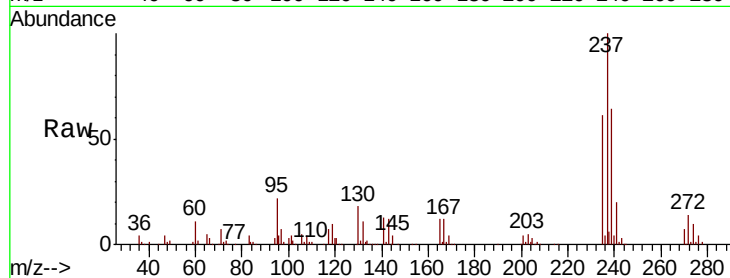
Tot Ion:237 Resp: 254221

Ion Ratio Lower Upper

237 100

235 60.6 41.3 81.3

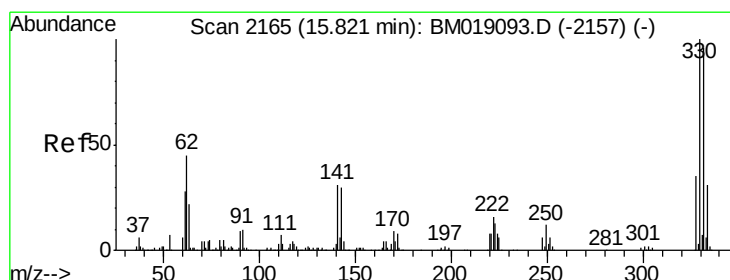
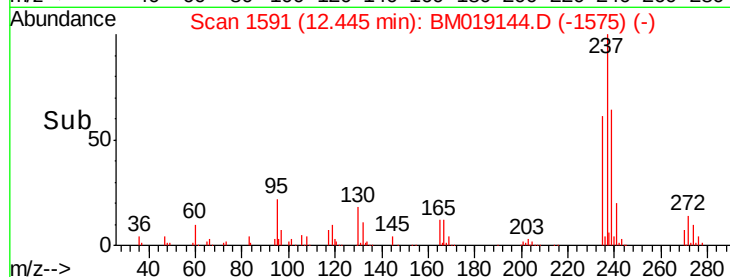
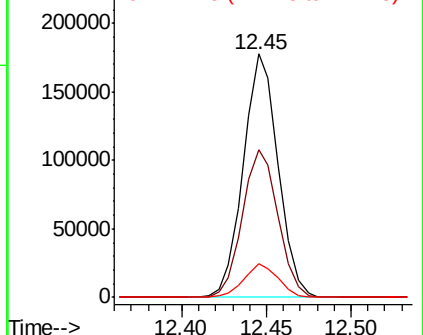
272 13.7 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.633 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

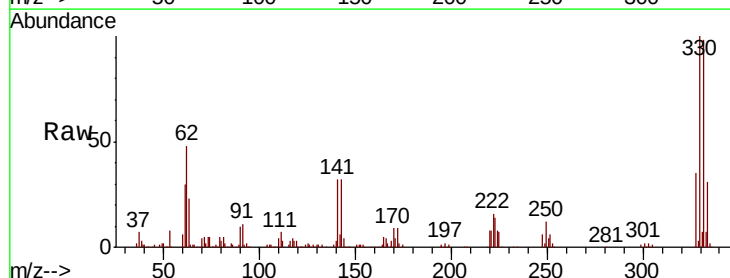
Tgt Ion:330 Resp: 642581

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

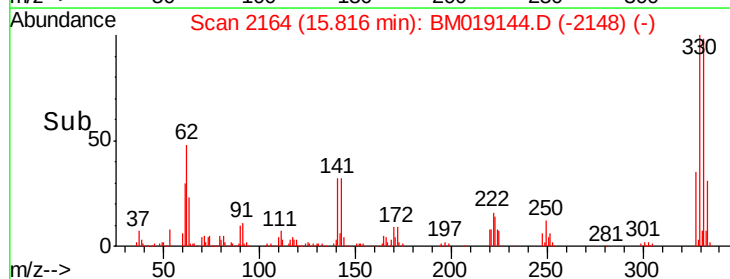
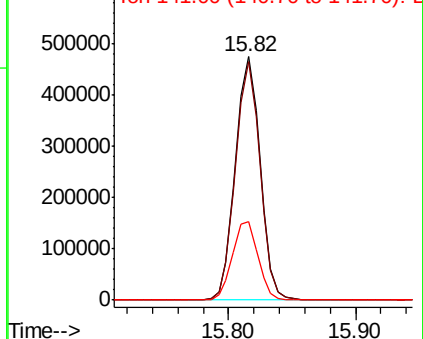
141 33.6 27.0 40.4

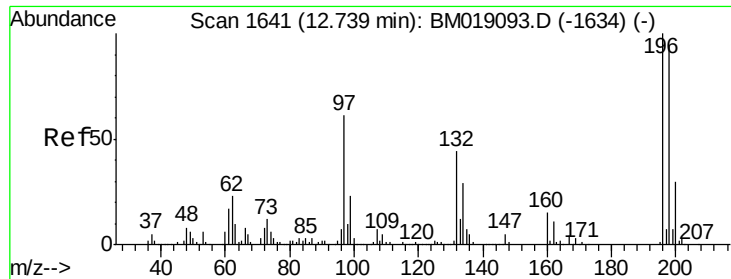


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

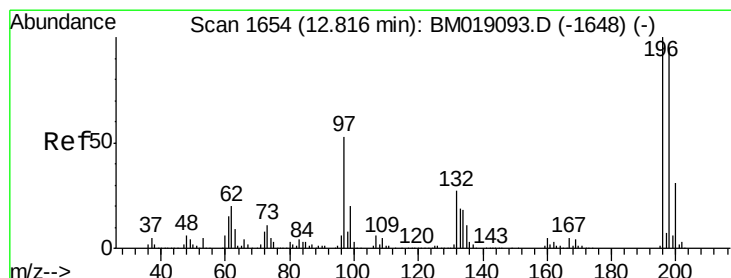
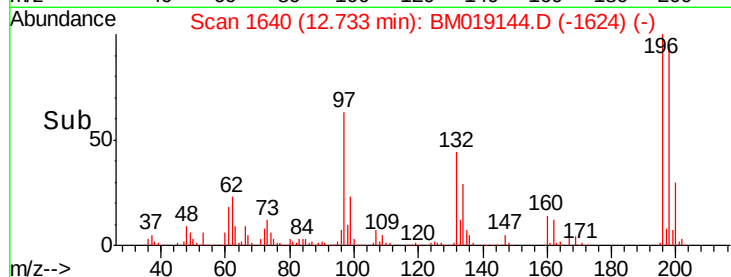
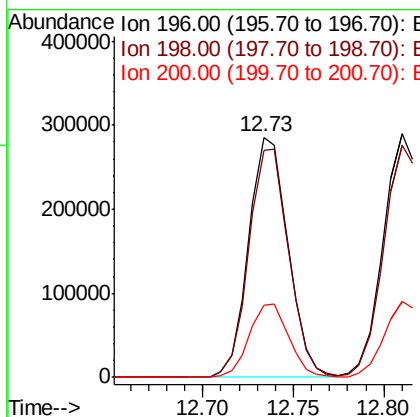
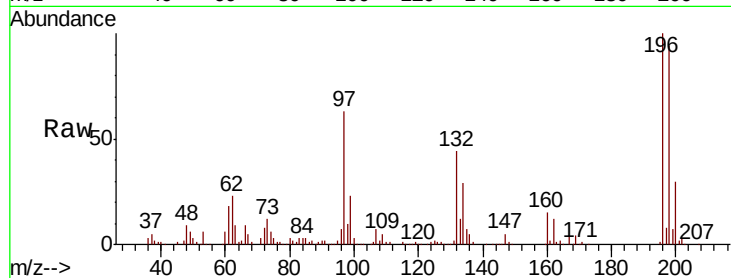




#43
 2,4,6-Trichlorophenol
 Concen: 41.188 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

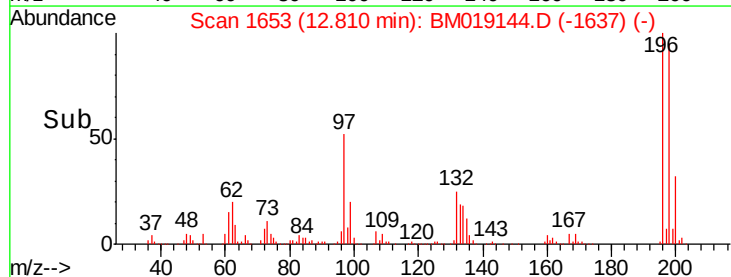
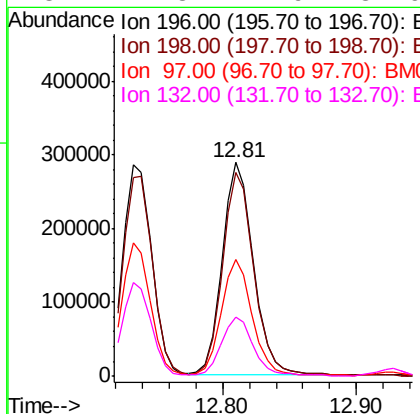
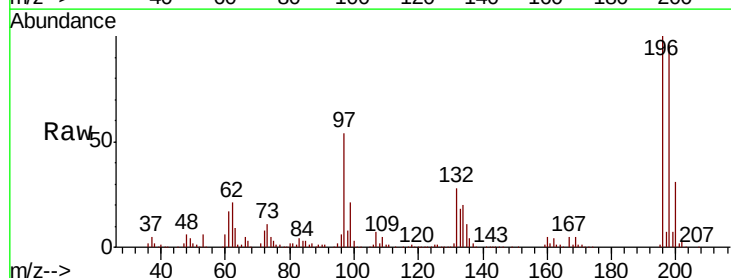
Instrument :
 BNA_M
 ClientSampleId :

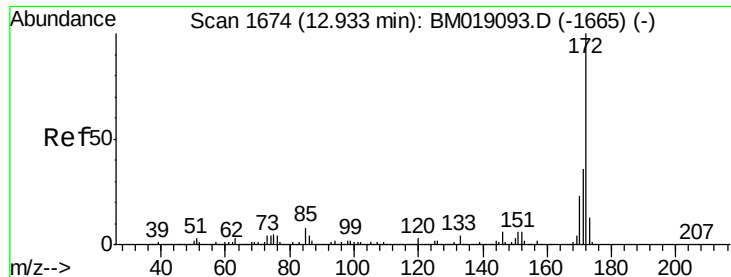
Tot Ion:196 Resp: 432978
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.0
 200 30.1 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 41.703 ng
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Tgt Ion:196 Resp: 468787
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.9 113.9
 97 54.3 42.5 63.7
 132 27.8 21.9 32.9

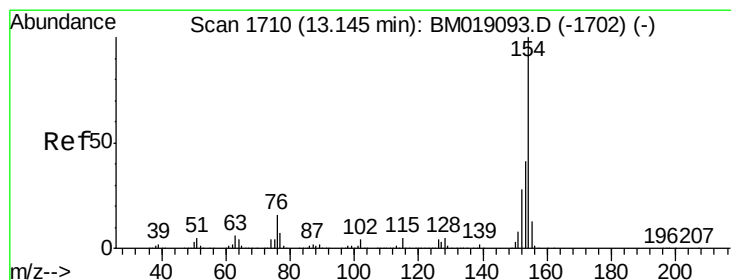
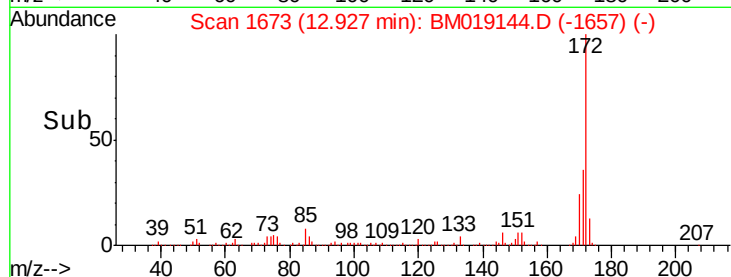
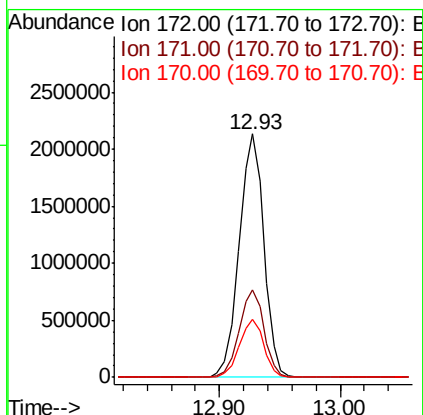
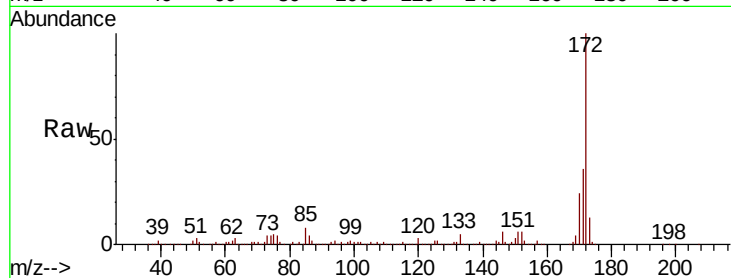




#45
2-Fluorobiphenyl
Concen: 76.934 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

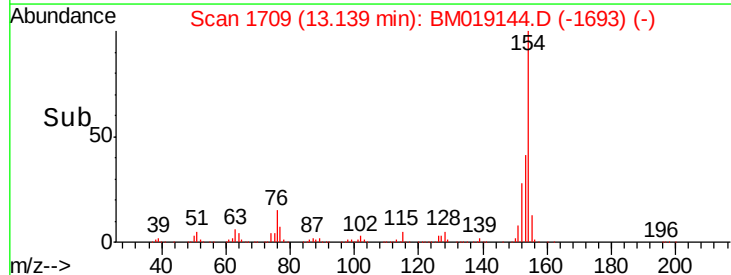
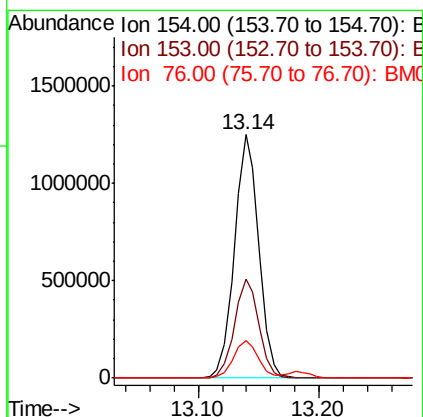
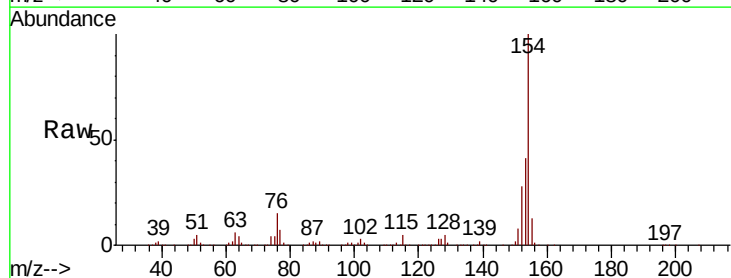
Instrument :
BNA_M
ClientSampleId :

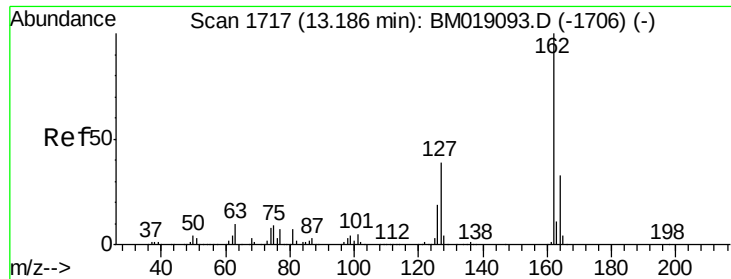
Tot Ion:172 Resp: 3041486
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 23.9 18.6 28.0



#46
1,1'-Biphenyl
Concen: 38.874 ng
RT: 13.14 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:154 Resp: 1745823
Ion Ratio Lower Upper
154 100
153 40.7 21.5 61.5
76 15.3 0.0 35.8

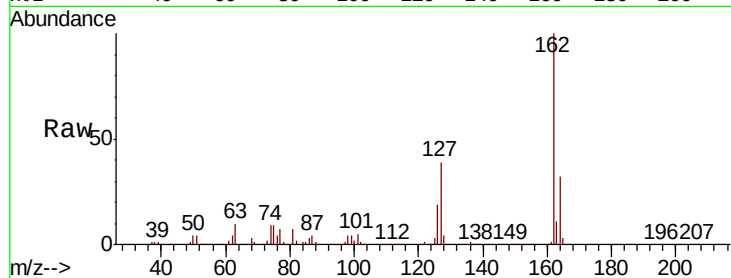




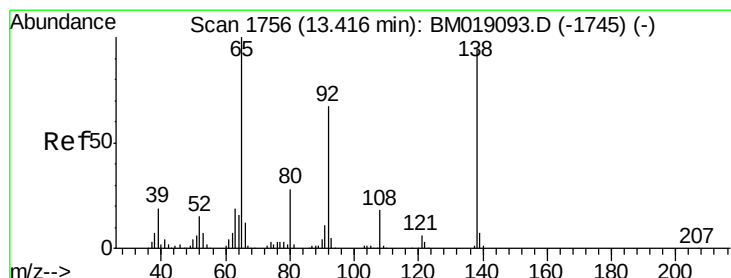
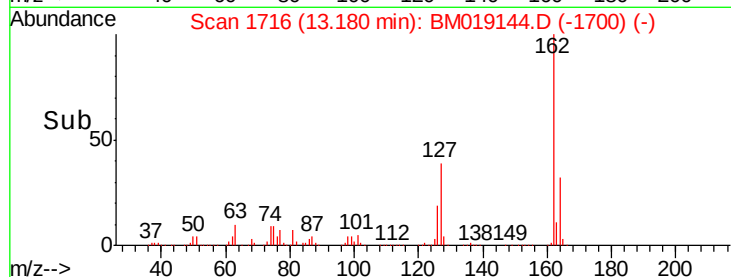
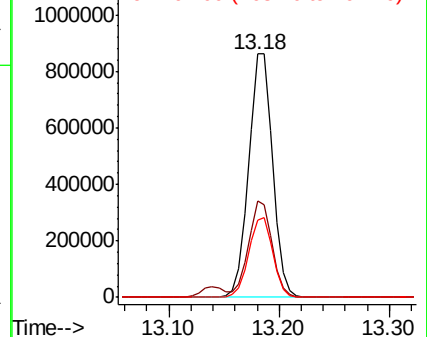
#47
2-Chloronaphthalene
Concen: 39.246 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1315593
Ion Ratio Lower Upper
162 100
127 39.4 31.2 46.8
164 31.9 26.3 39.5

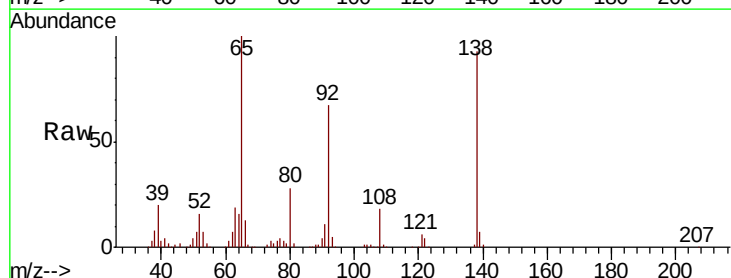


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

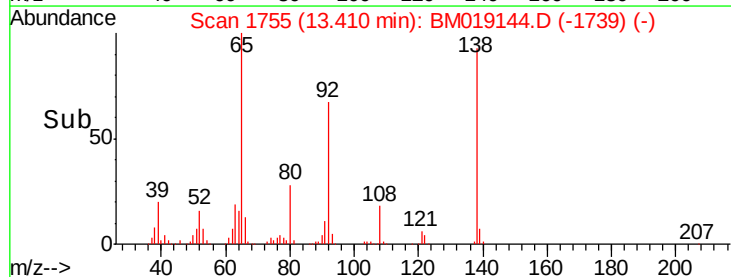
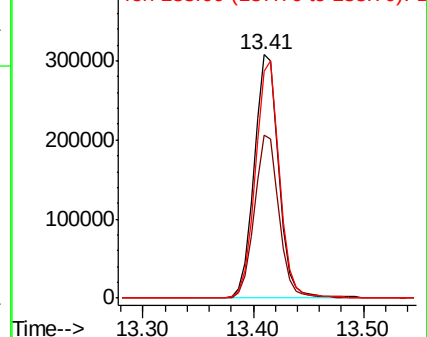


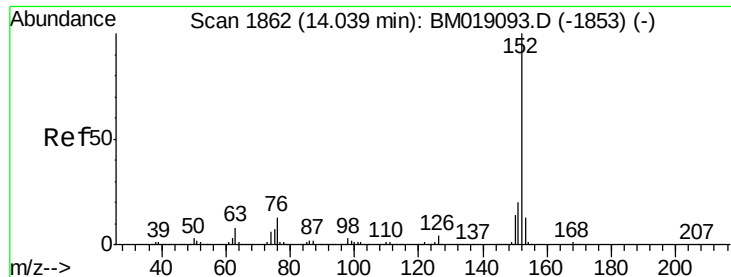
#48
2-Nitroaniline
Concen: 42.835 ng
RT: 13.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion: 65 Resp: 481560
Ion Ratio Lower Upper
65 100
92 66.9 53.4 80.2
138 93.4 74.9 112.3



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: 40.028 ng

RT: 14.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

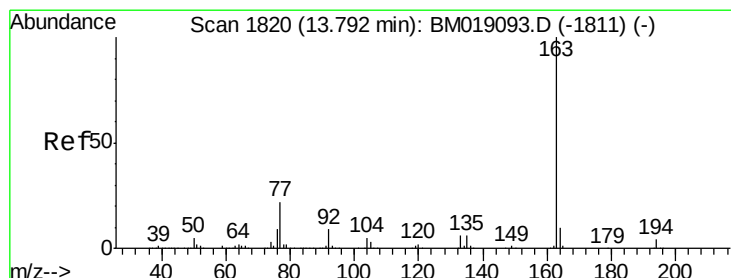
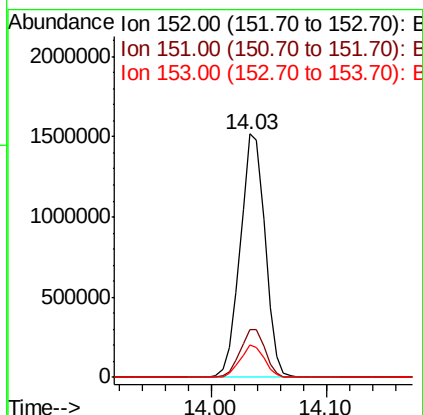
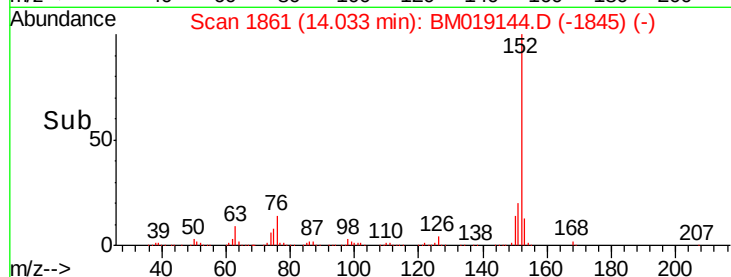
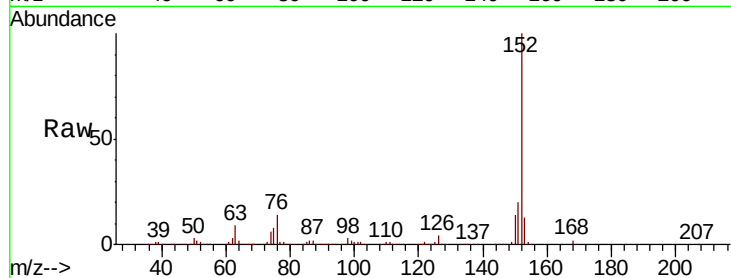
Tot Ion:152 Resp: 2268811

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 39.696 ng

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

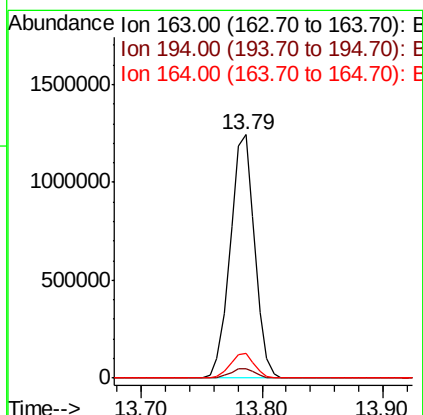
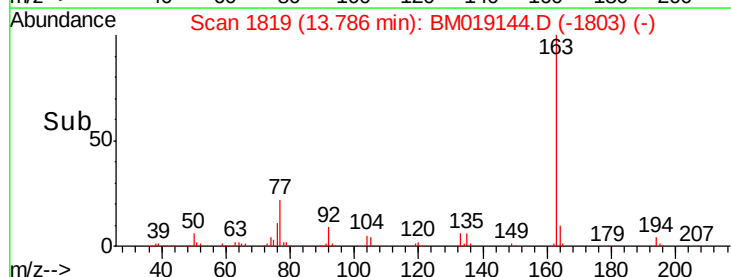
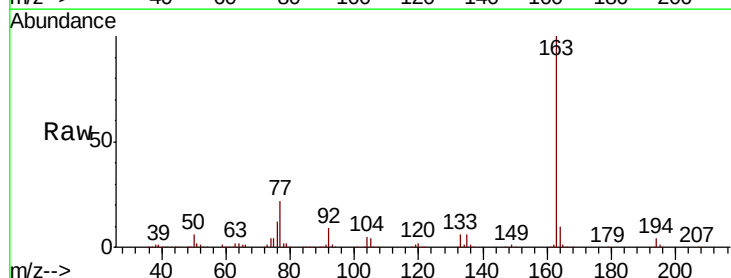
Tgt Ion:163 Resp: 1746259

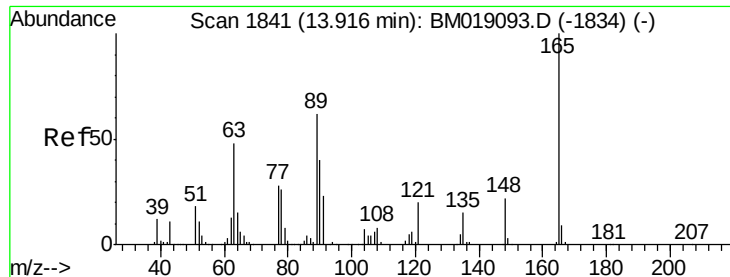
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 7.7 11.5

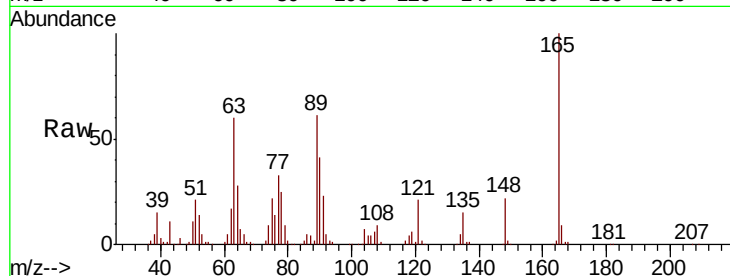




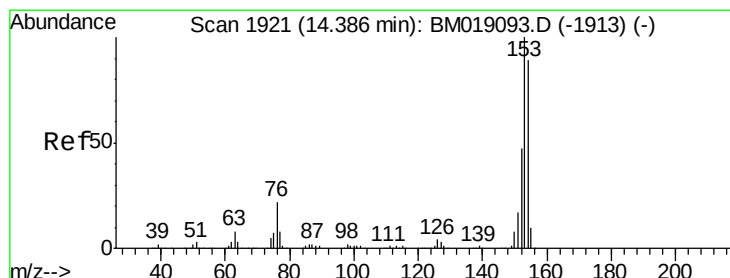
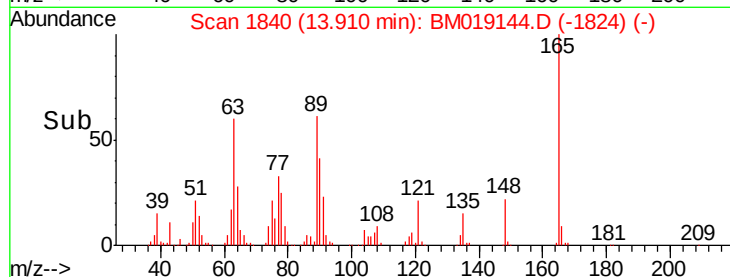
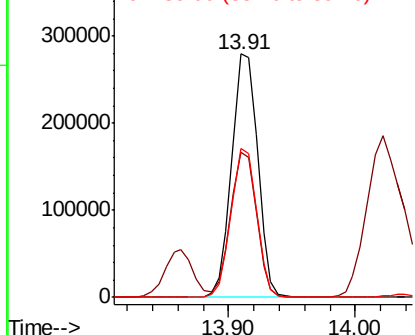
#51
2,6-Dinitrotoluene
Concen: 41.696 ng
RT: 13.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 396509
Ion Ratio Lower Upper
165 100
63 59.6 48.2 72.4
89 61.3 49.3 73.9

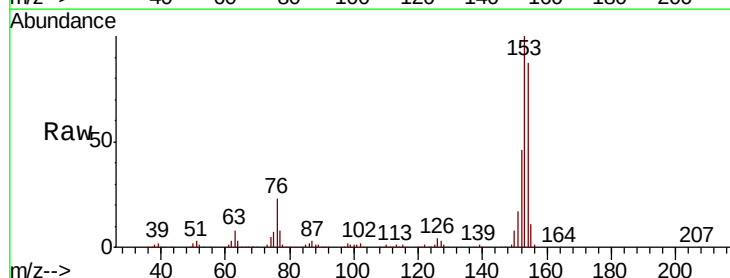


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

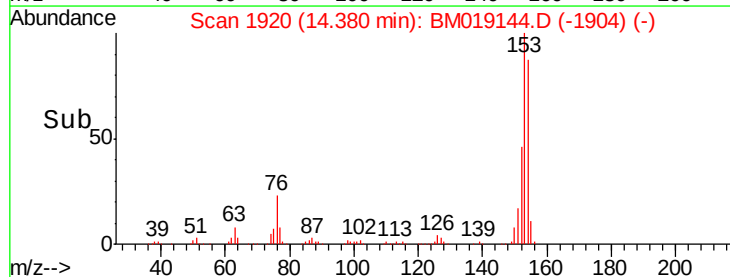
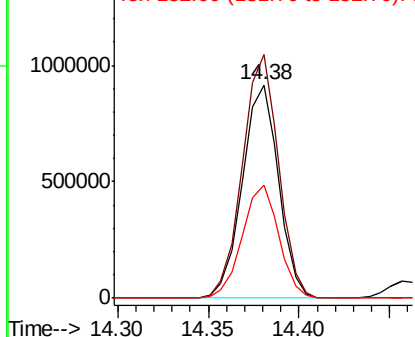


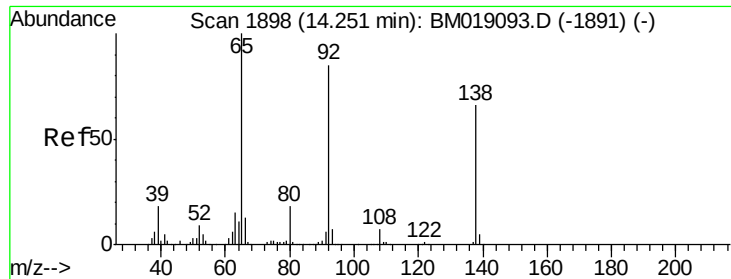
#52
Acenaphthene
Concen: 39.038 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:154 Resp: 1271430
Ion Ratio Lower Upper
154 100
153 114.3 90.1 135.1
152 52.8 42.5 63.7



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

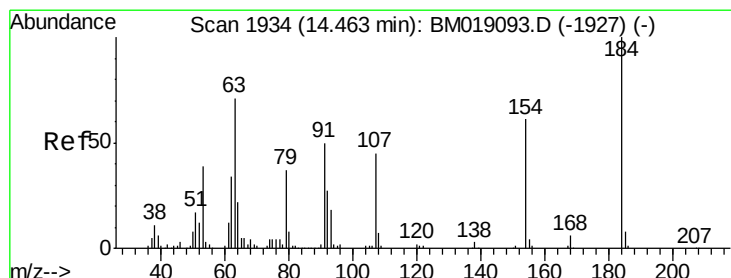
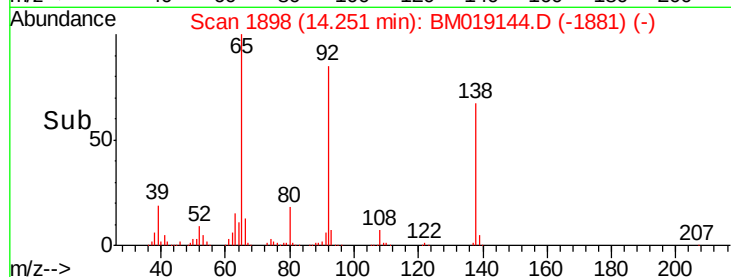
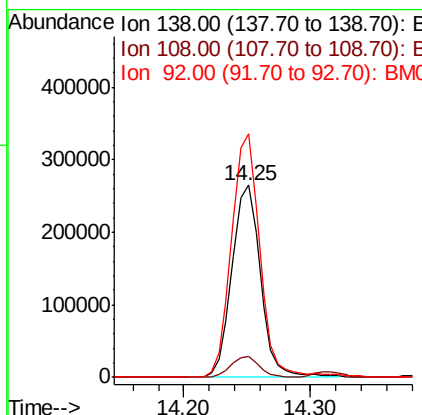
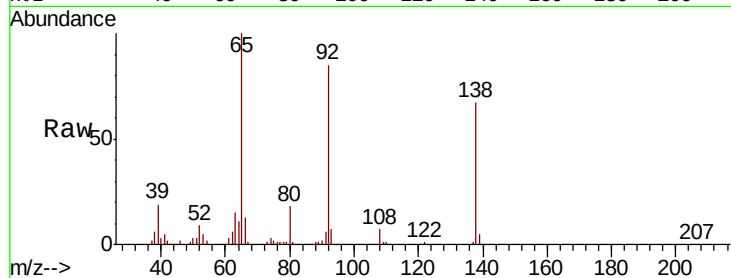




#53
 3-Nitroaniline
 Concen: 40.920 ng
 RT: 14.25 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

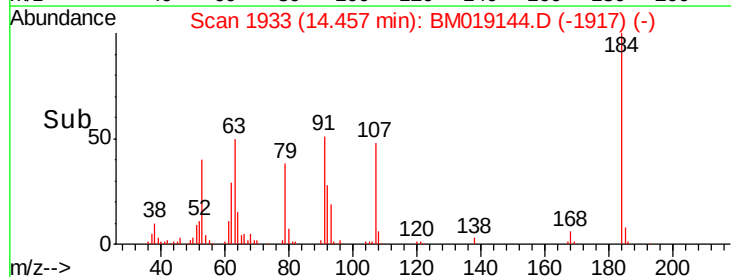
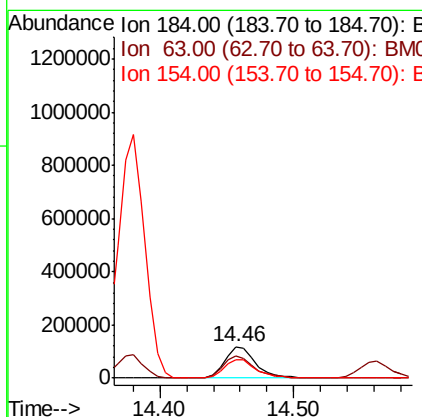
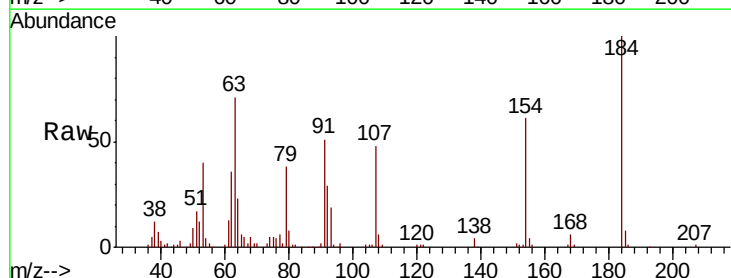
Instrument :
 BNA_M
 ClientSampled :

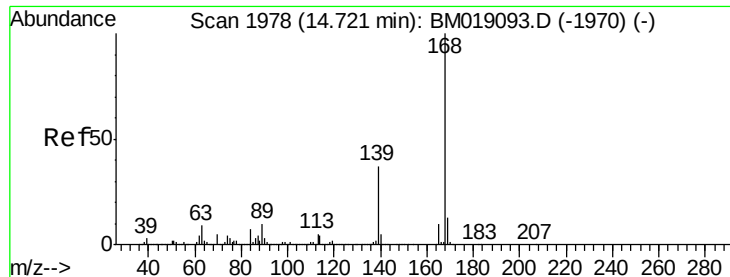
Tot Ion:138 Resp: 412137
 Ion Ratio Lower Upper
 138 100
 108 11.0 9.0 13.4
 92 126.7 102.6 153.8



#54
 2,4-Dinitrophenol
 Concen: 35.037 ng
 RT: 14.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Tgt Ion:184 Resp: 193499
 Ion Ratio Lower Upper
 184 100
 63 70.8 56.7 85.1
 154 60.9 49.3 73.9

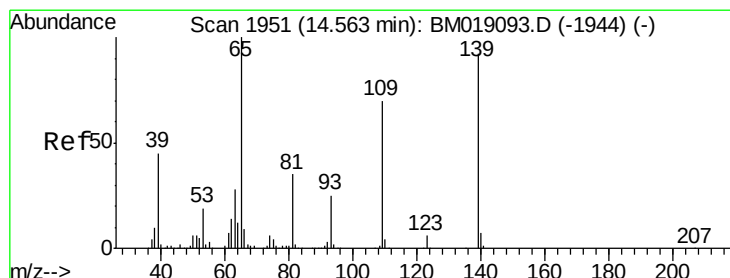
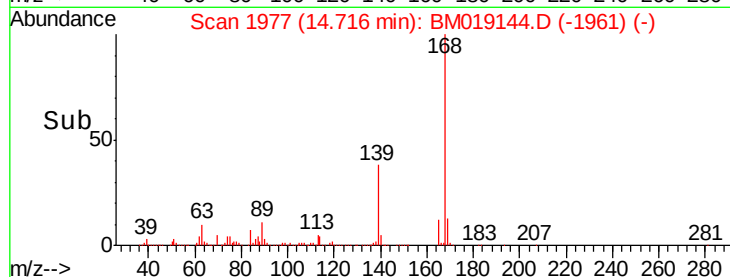
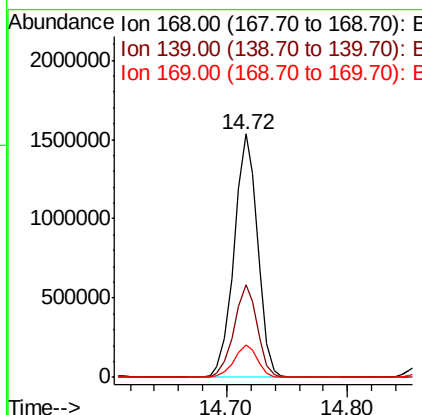
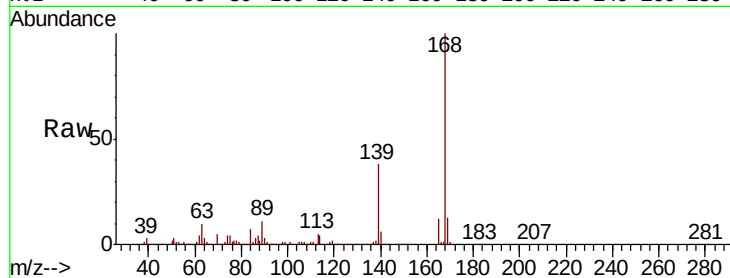




#55
Dibenzofuran
Concen: 39.727 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

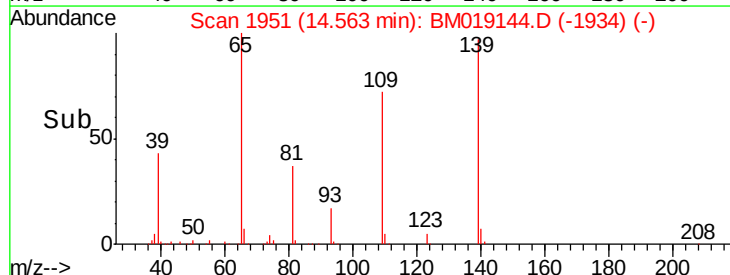
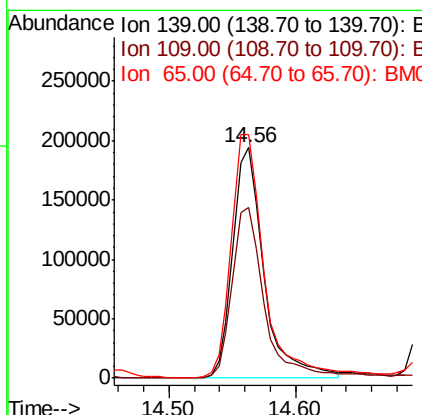
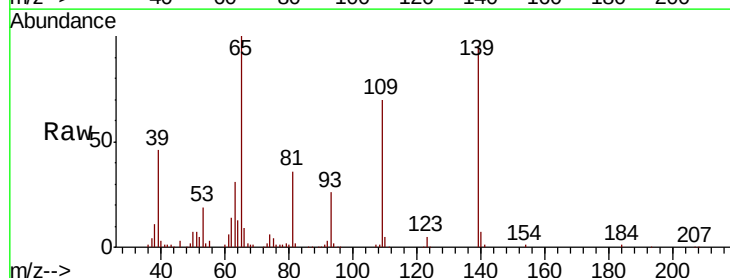
Instrument :
BNA_M
ClientSampleId :

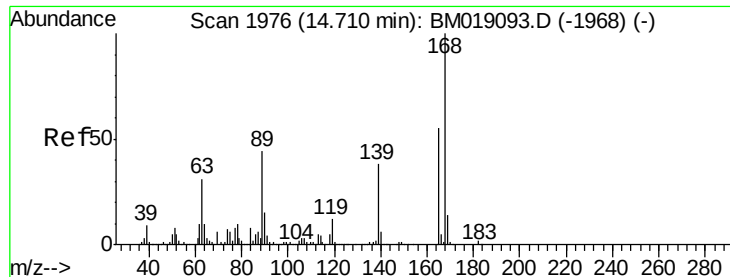
Tot Ion:168 Resp: 2086608
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 40.362 ng
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:139 Resp: 331905
Ion Ratio Lower Upper
139 100
109 74.0 56.3 96.3
65 105.7 89.2 129.2

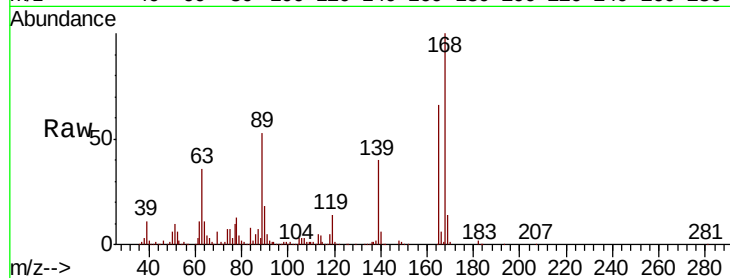




#57
2,4-Dinitrotoluene
Concen: 40.515 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.4	44.7	67.1
89	81.0	63.4	95.2
182	2.8	2.3	3.5



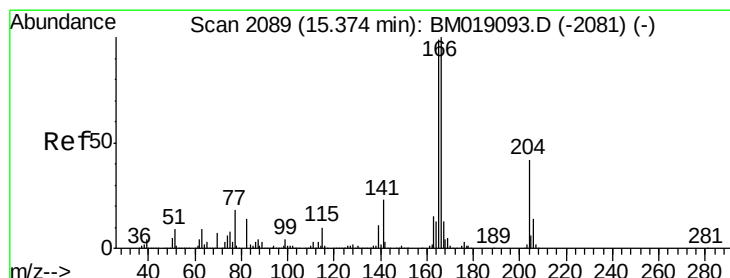
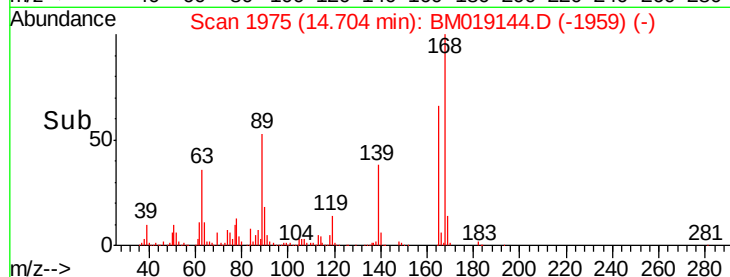
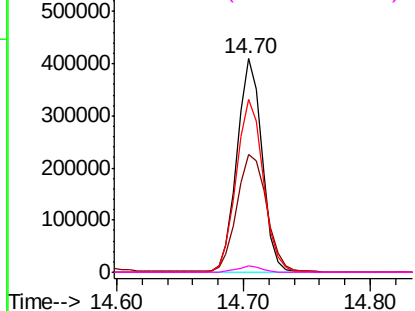
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

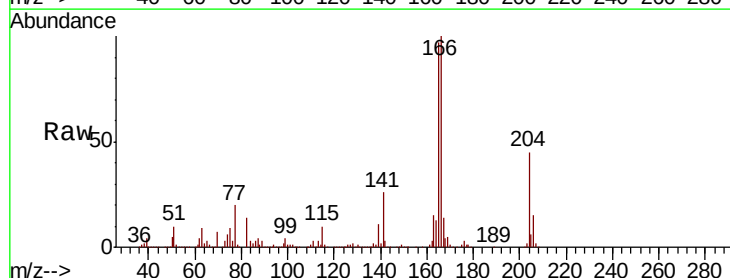
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.246 ng
RT: 15.37 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.0	118.4
167	13.6	10.8	16.2

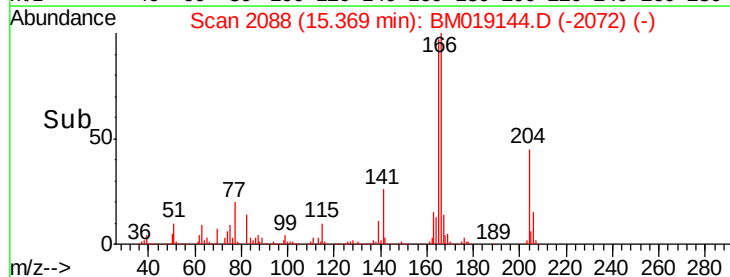
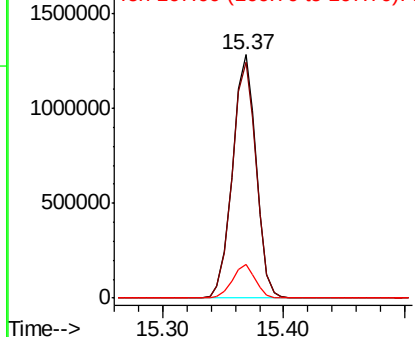


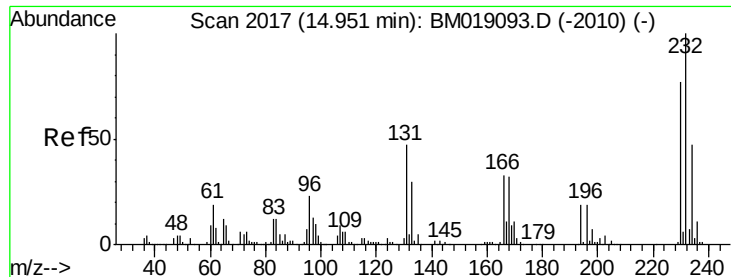
Abundance

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

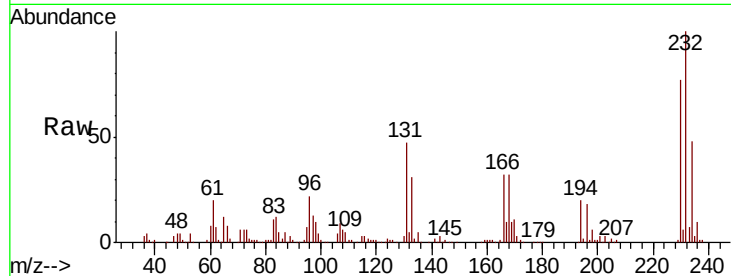




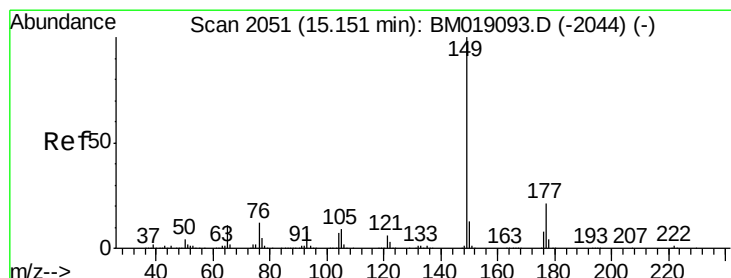
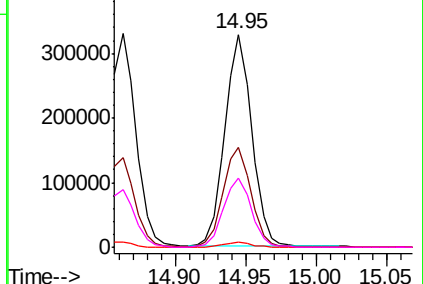
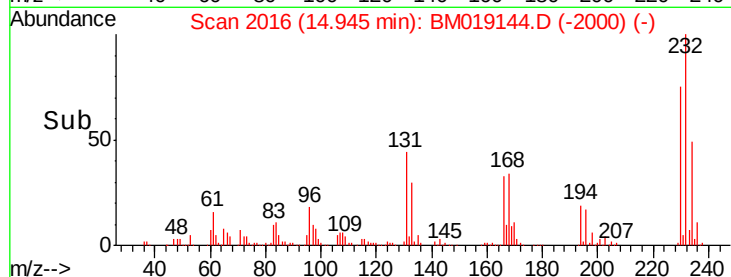
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.737 ng
 RT: 14.95 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:232 Resp: 436774
 Ion Ratio Lower Upper
 232 100
 131 48.0 38.2 57.2
 130 2.4 1.9 2.9
 166 33.3 27.0 40.4

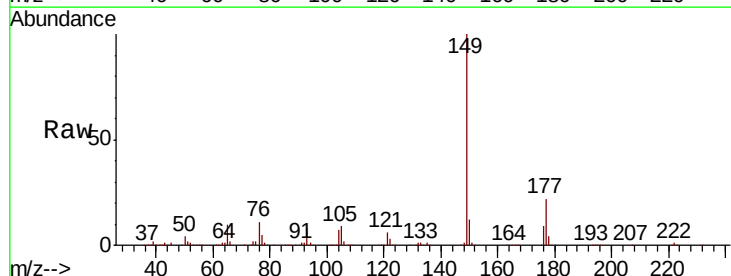


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

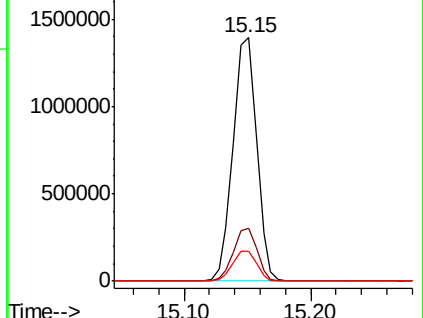
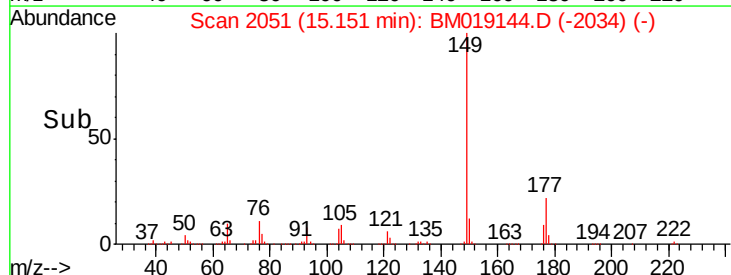


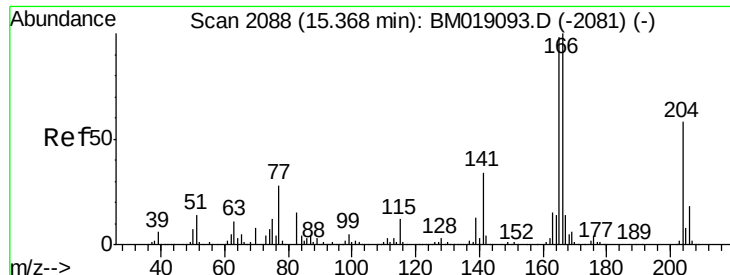
#60
 Diethylphthalate
 Concen: 40.393 ng
 RT: 15.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Tgt Ion:149 Resp: 1799644
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.0 25.6
 150 12.3 10.2 15.4



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

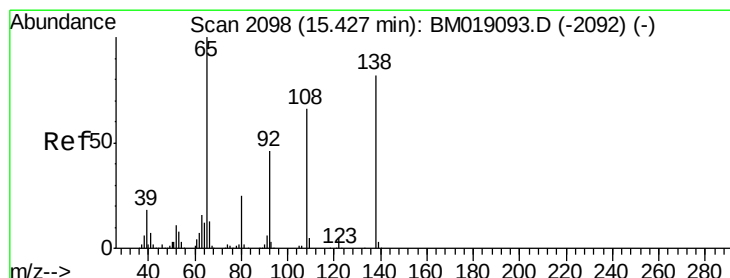
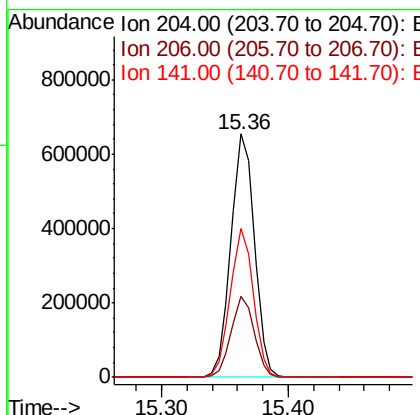
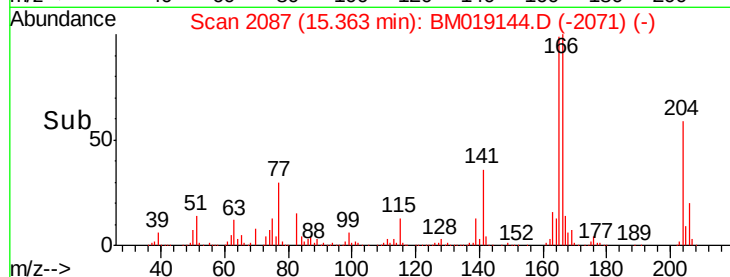
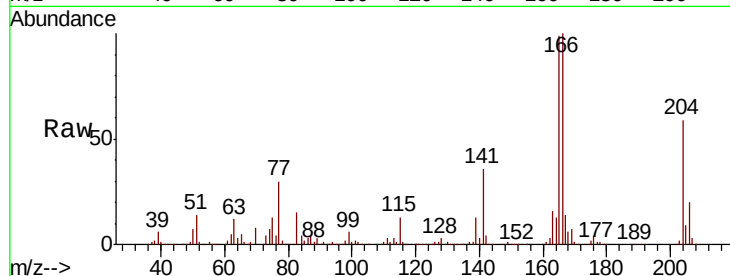




#61
 4-Chlorophenyl-phenylether
 Concen: 39.916 ng
 RT: 15.36 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

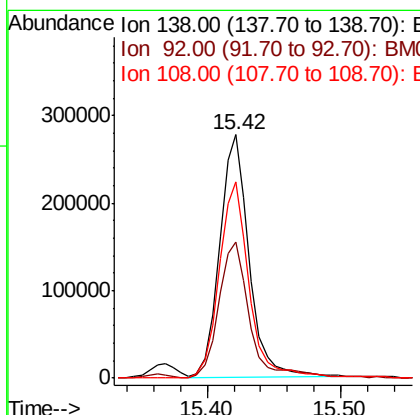
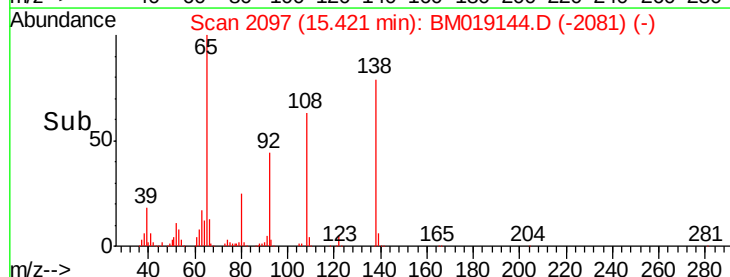
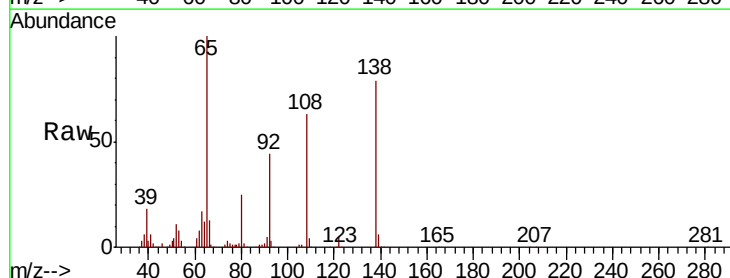
Instrument :
 BNA_M
 ClientSampled :

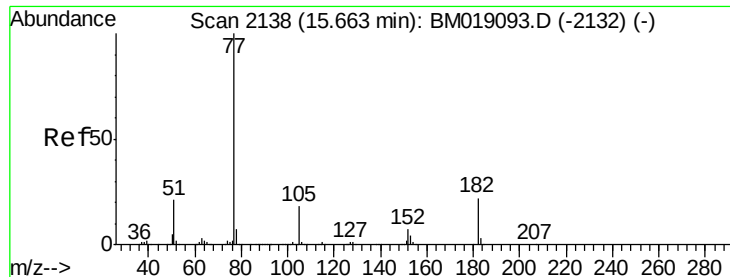
Tot Ion:204 Resp: 839320
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.5 38.3
 141 61.2 47.8 71.8



#62
 4-Nitroaniline
 Concen: 41.984 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Tgt Ion:138 Resp: 426148
 Ion Ratio Lower Upper
 138 100
 92 56.1 36.2 76.2
 108 80.5 59.7 99.7





#63

Azobenzene

Concen: 41.138 ng

RT: 15.66 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1928660

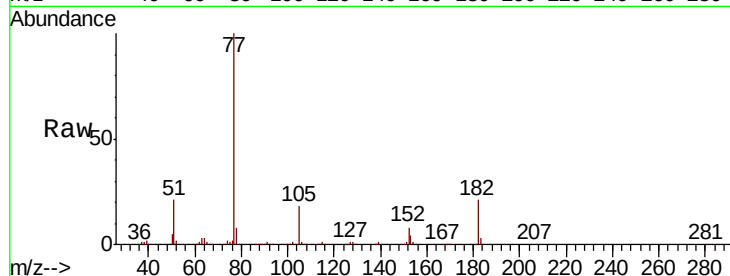
Ion	Ratio	Lower	Upper
77	100		
182	21.1	1.8	41.8
105	18.1	0.0	38.3
51	20.7	0.8	40.8

77 100

182 21.1 1.8 41.8

105 18.1 0.0 38.3

51 20.7 0.8 40.8

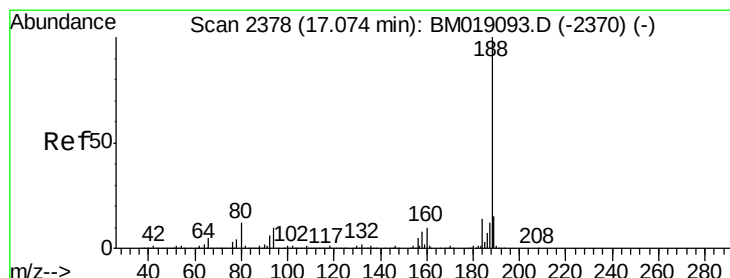
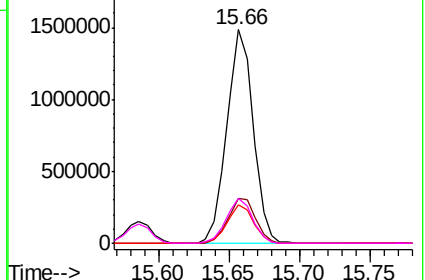
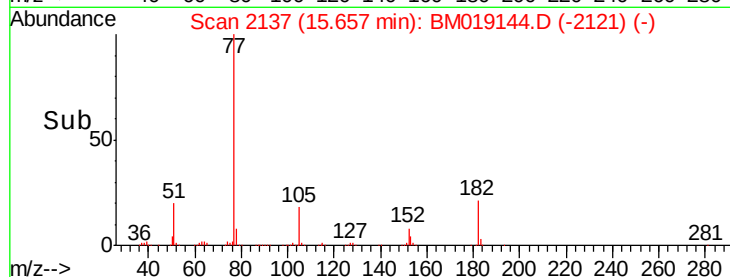


Abundance Ion 77.00 (76.70 to 77.70): BM019144.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019144.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019144.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019144.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

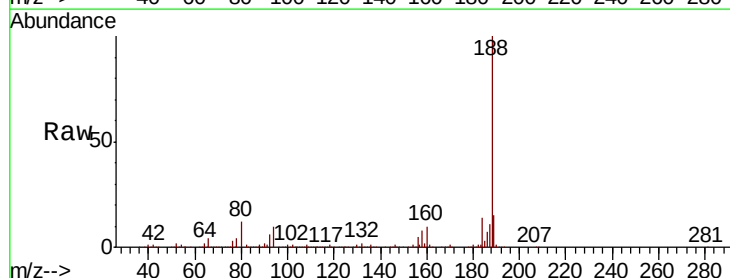
Tgt Ion: 188 Resp: 1185192

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	12.2	9.7	14.5

188 100

94 10.0 8.1 12.1

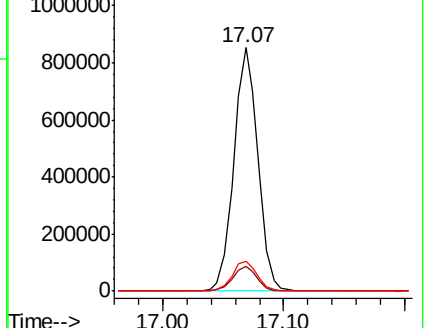
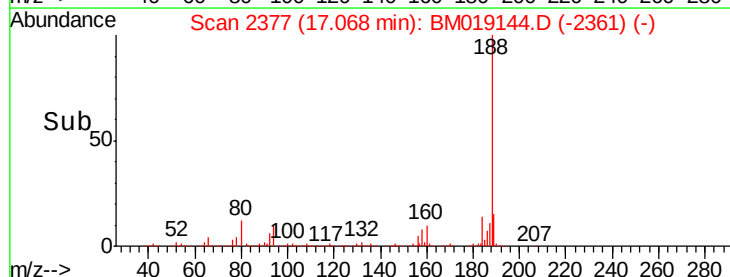
80 12.2 9.7 14.5

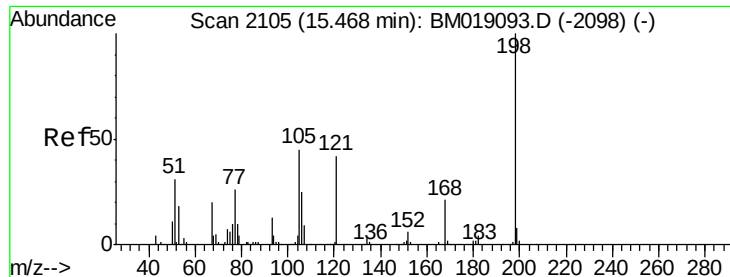


Abundance Ion 188.00 (187.70 to 188.70): BM019144.D (-2361) (-)

Ion 94.00 (93.70 to 94.70): BM019144.D (-2361) (-)

Ion 80.00 (79.70 to 80.70): BM019144.D (-2361) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 34.903 ng

RT: 15.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

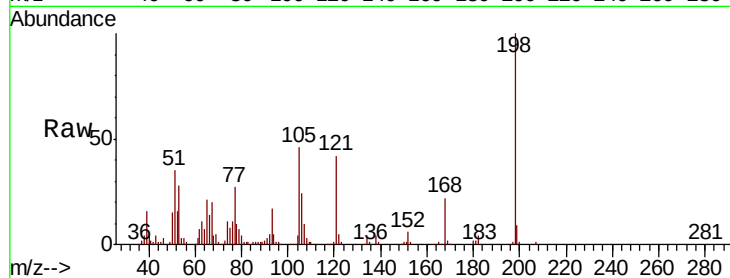
Tot Ion:198 Resp: 271074

Ion Ratio Lower Upper

198 100

51 35.0 17.3 57.3

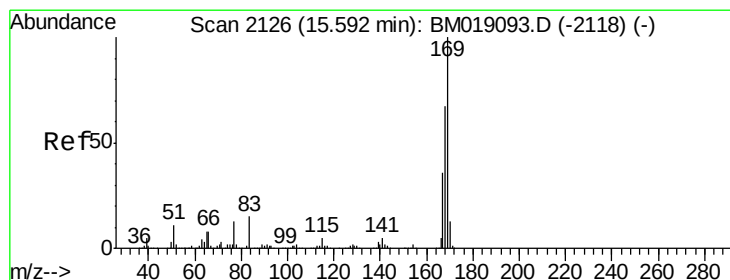
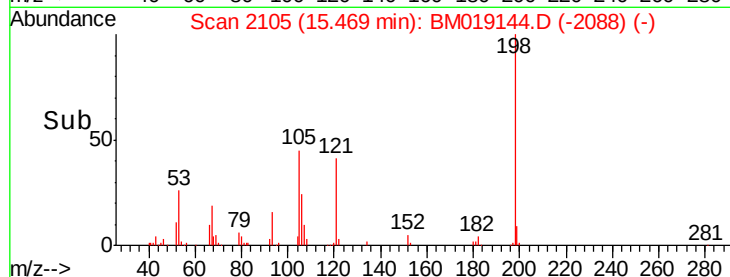
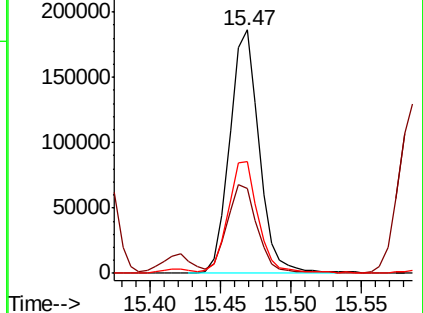
105 45.7 26.2 66.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.574 ng

RT: 15.59 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

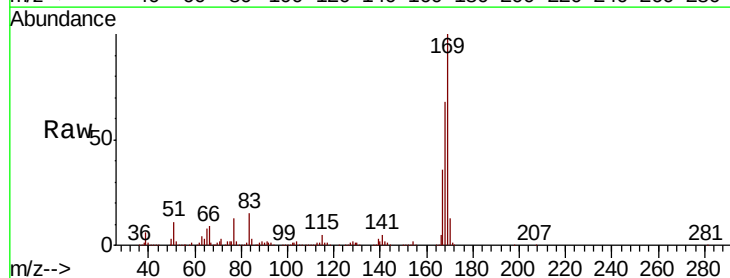
Tgt Ion:169 Resp: 1493239

Ion Ratio Lower Upper

169 100

168 67.7 53.9 80.9

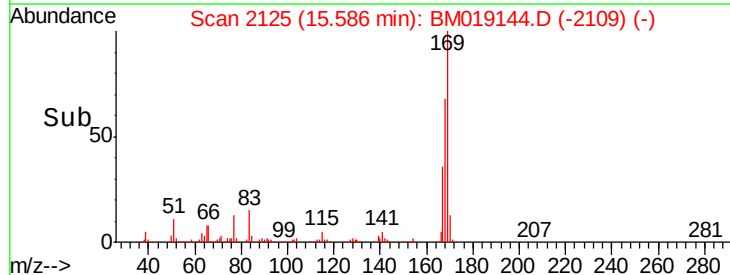
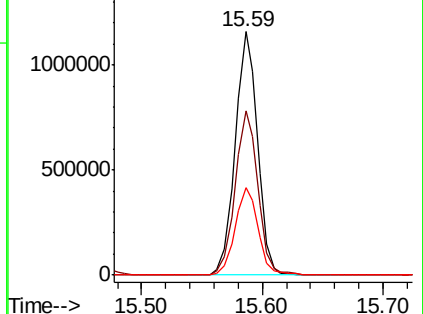
167 36.1 28.8 43.2

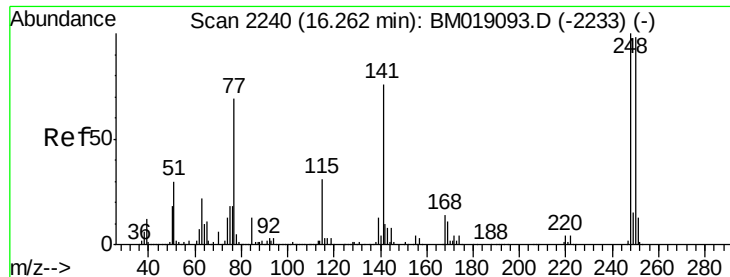


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

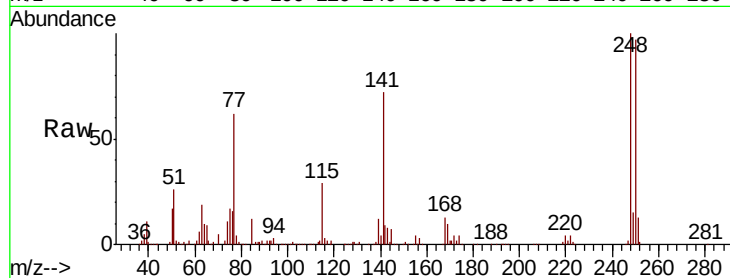




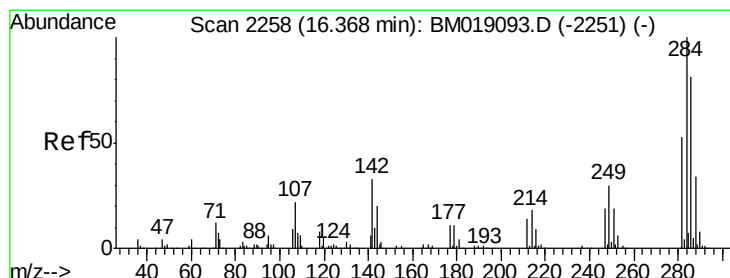
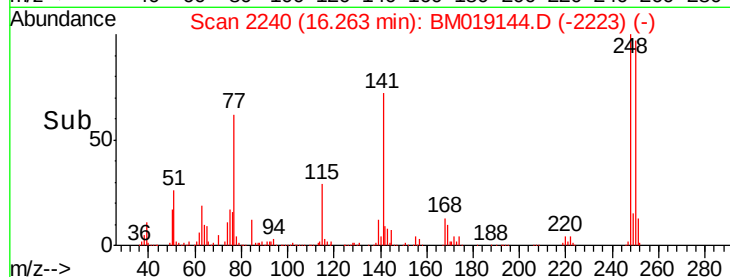
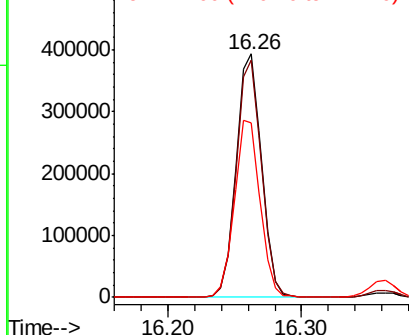
#67
 4-Bromophenyl-phenylether
 Concen: 39.761 ng
 RT: 16.26 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:248 Resp: 519669
 Ion Ratio Lower Upper
 248 100
 250 97.3 78.0 117.0
 141 71.9 61.0 91.4

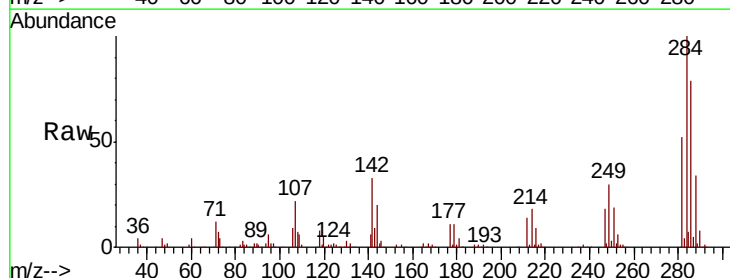


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

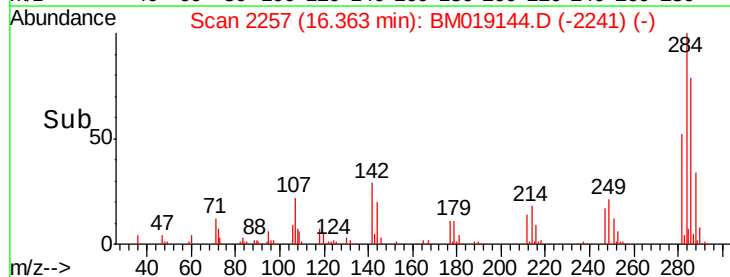
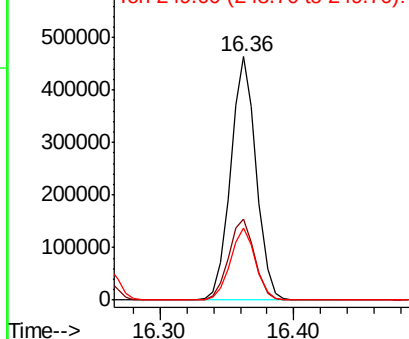


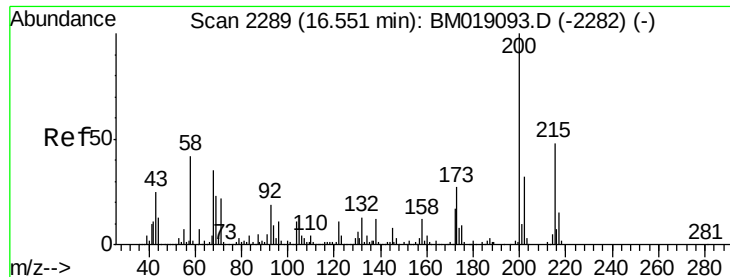
#68
 Hexachlorobenzene
 Concen: 39.639 ng
 RT: 16.36 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Tgt Ion:284 Resp: 615928
 Ion Ratio Lower Upper
 284 100
 142 33.4 26.3 39.5
 249 29.9 24.1 36.1



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





#69

Atrazine

Concen: 40.804 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

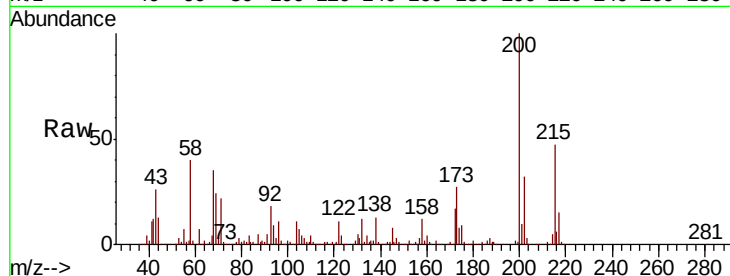
Tot Ion:200 Resp: 518280

Ion Ratio Lower Upper

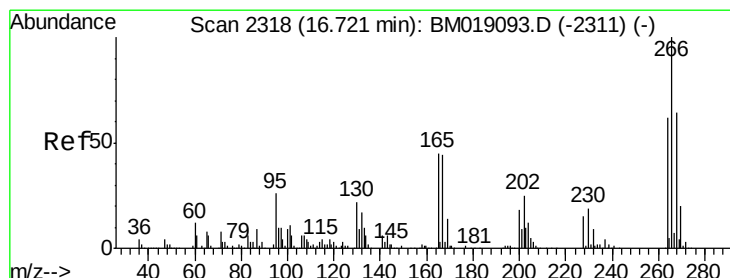
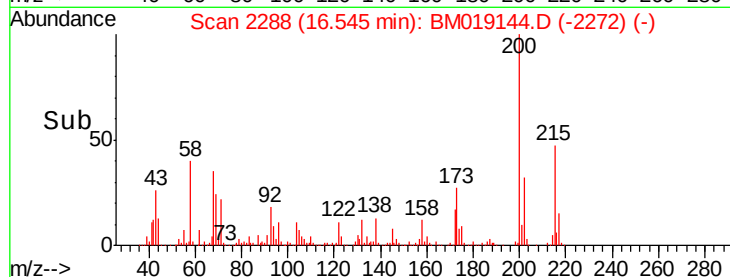
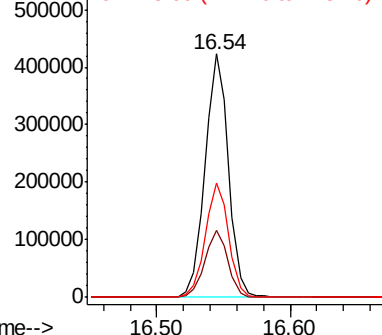
200 100

173 27.5 7.0 47.0

215 47.0 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 38.733 ng

RT: 16.72 min Scan# 2317

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

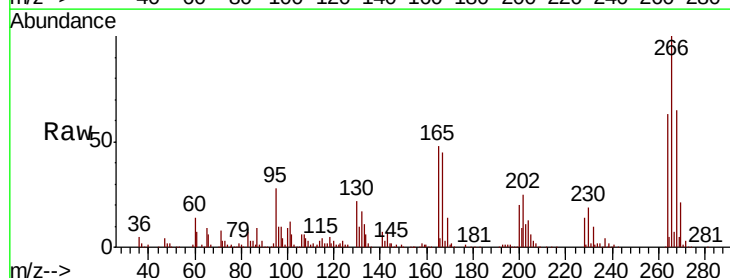
Tgt Ion:266 Resp: 362606

Ion Ratio Lower Upper

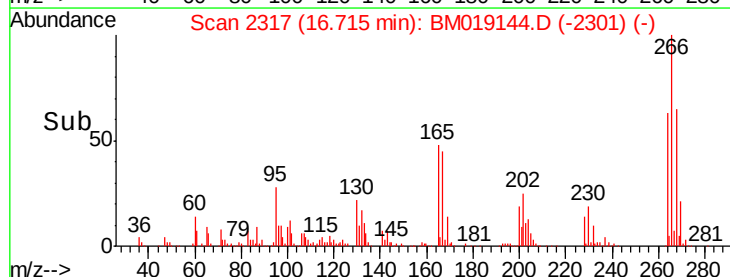
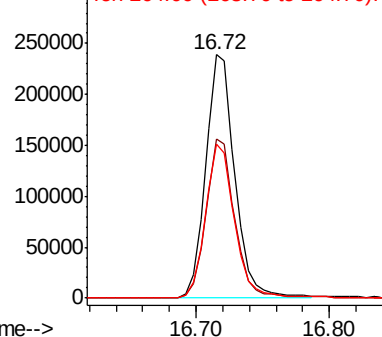
266 100

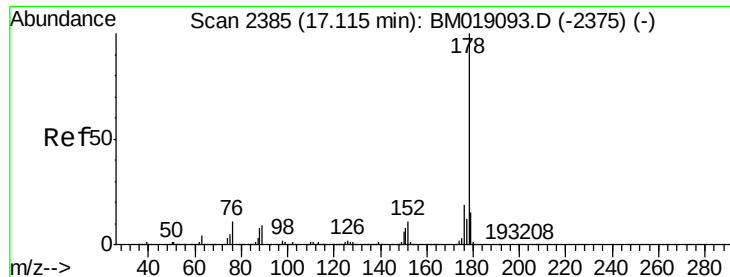
268 65.2 51.3 76.9

264 63.1 50.0 75.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

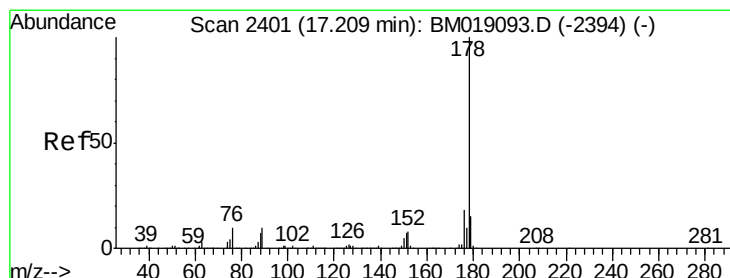
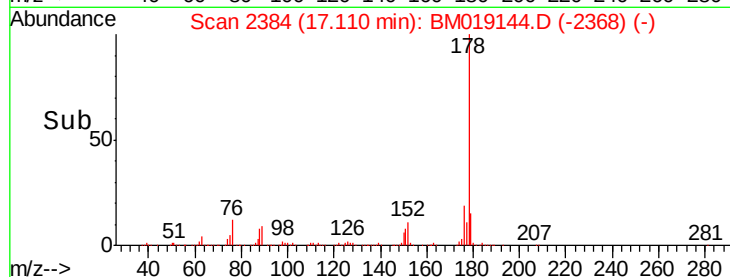
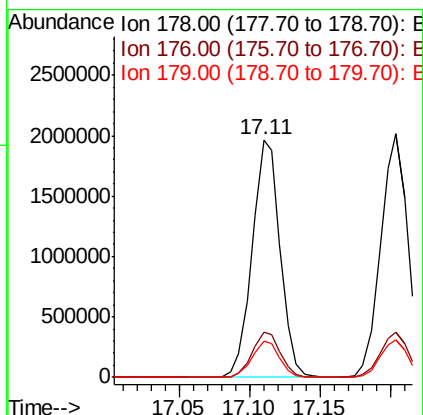
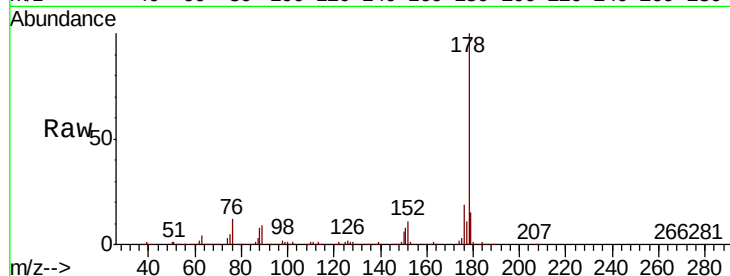




#71
Phenanthrene
Concen: 39.378 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

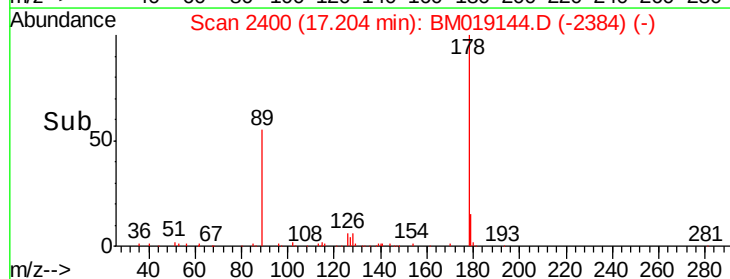
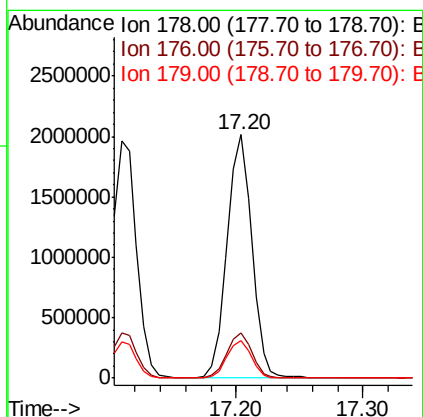
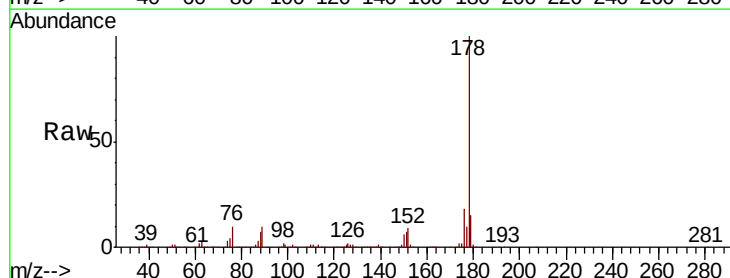
Instrument :
BNA_M
ClientSampled :

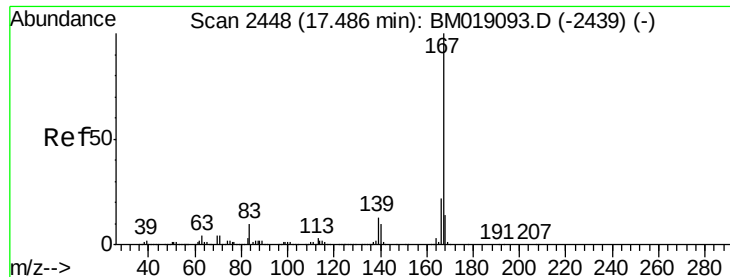
Tot Ion:178 Resp: 2735496
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.3 12.2 18.2



#72
Anthracene
Concen: 39.848 ng
RT: 17.20 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:178 Resp: 2709964
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 15.3 11.9 17.9



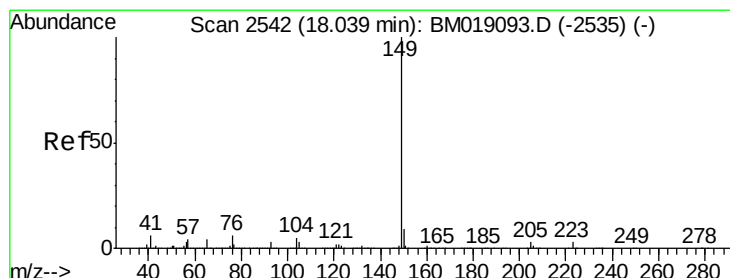
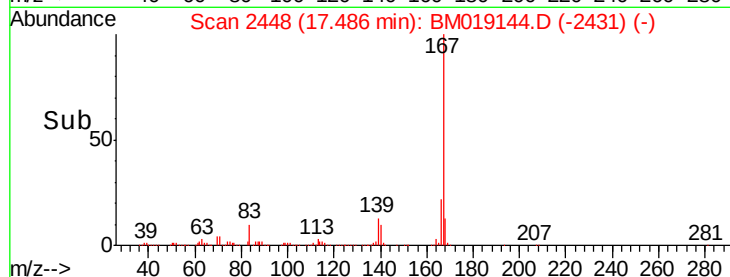
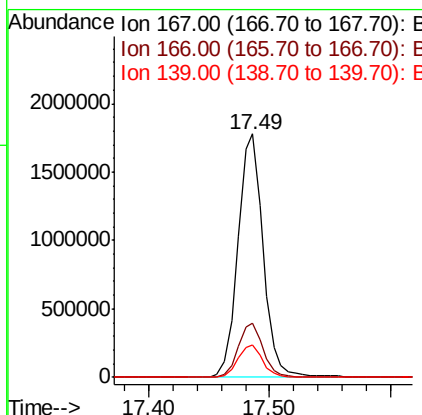
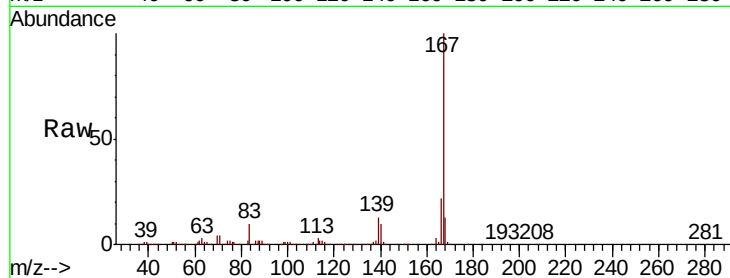


#73
 Carbazole
 Concen: 40.334 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2588933

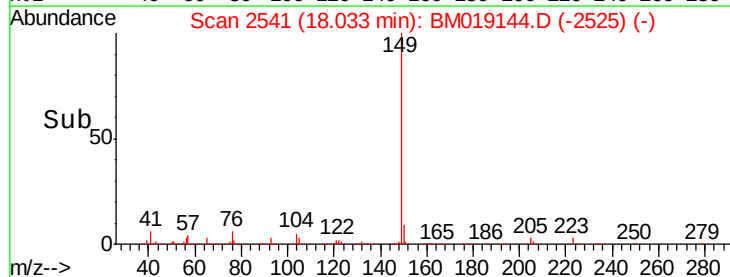
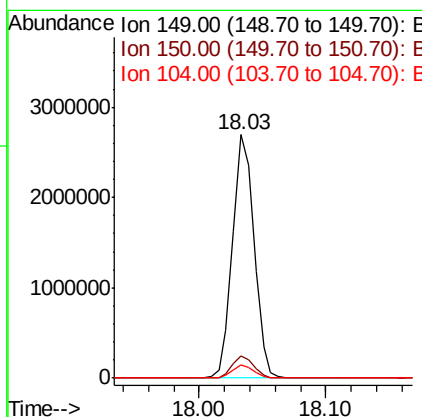
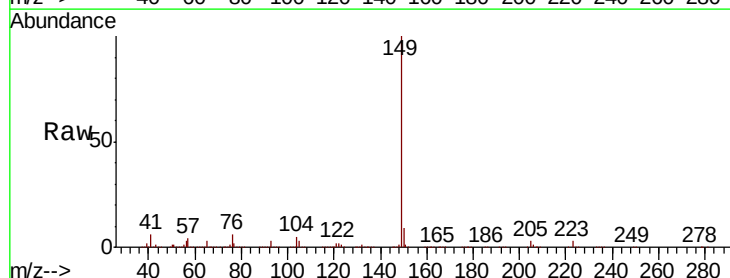
Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.2	10.5	15.7

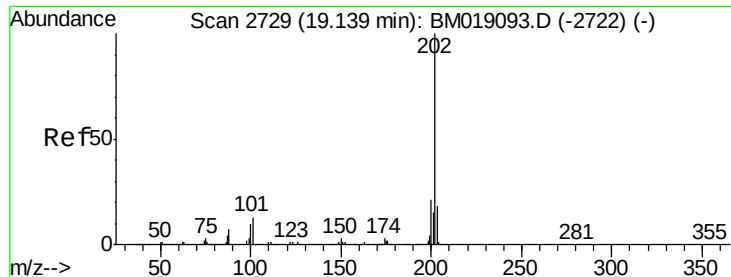


#74
 Di-n-butylphthalate
 Concen: 40.653 ng
 RT: 18.03 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM019144.D
 Acq: 13 Mar 2019 14:00

Tgt Ion:149 Resp: 3155379

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 39.748 ng

RT: 19.13 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

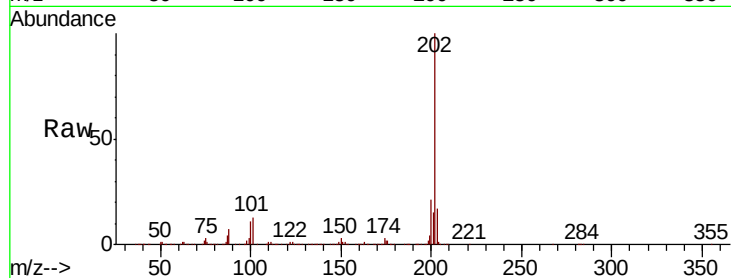
Tot Ion:202 Resp: 3168394

Ion Ratio Lower Upper

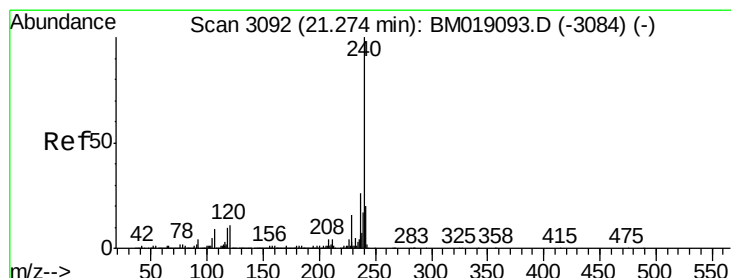
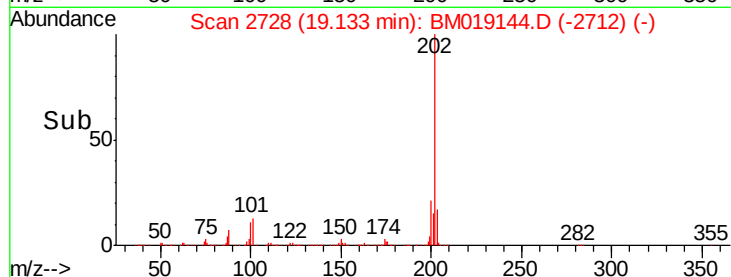
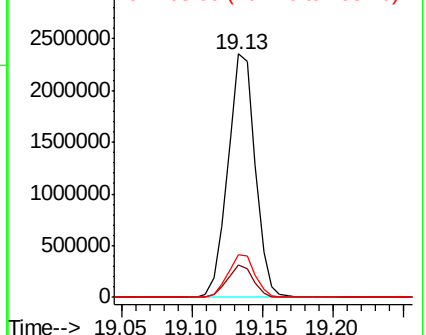
202 100

101 13.2 0.0 33.0

203 17.5 0.0 37.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

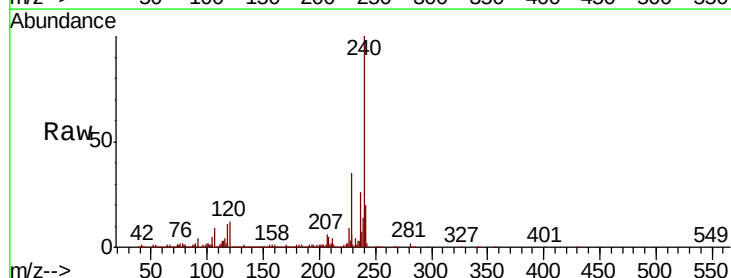
Tgt Ion:240 Resp: 1324971

Ion Ratio Lower Upper

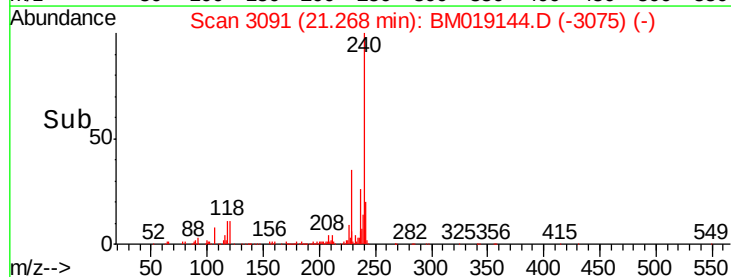
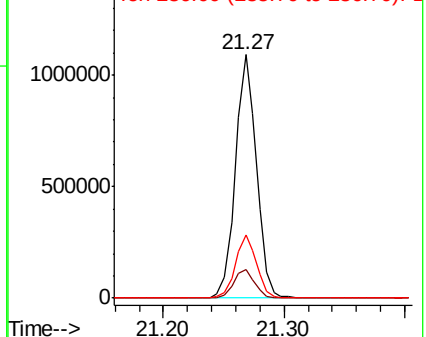
240 100

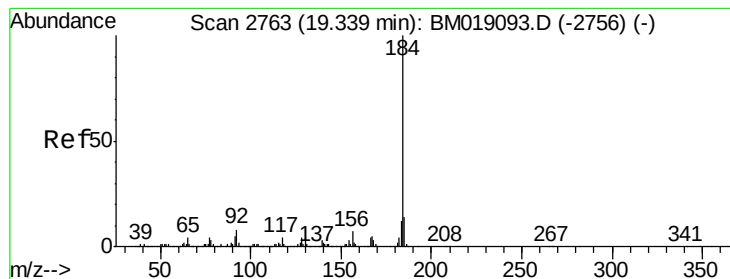
120 11.6 8.9 13.3

236 25.8 21.0 31.4



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





#77

Benzidine

Concen: 53.182 ng

RT: 19.34 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

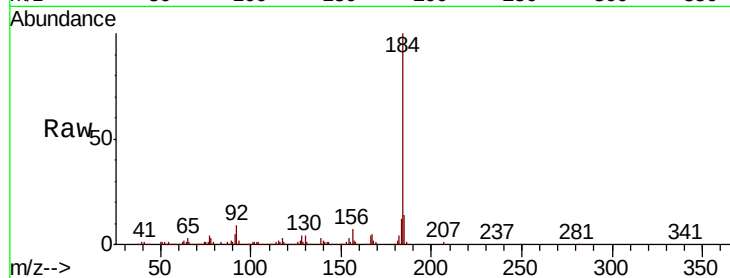
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1998435

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.0	16.4
183	12.1	9.8	14.6

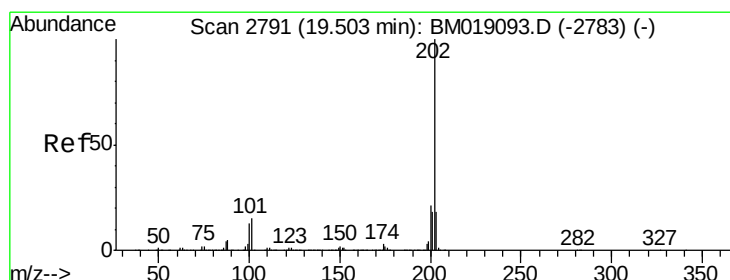
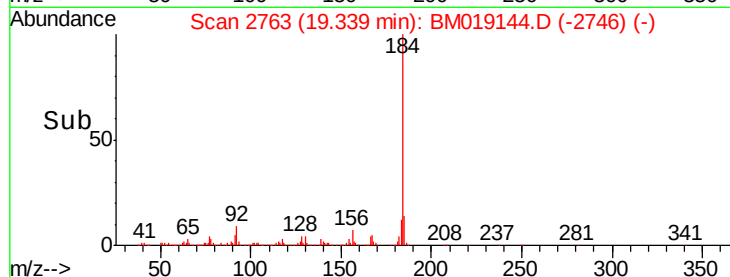
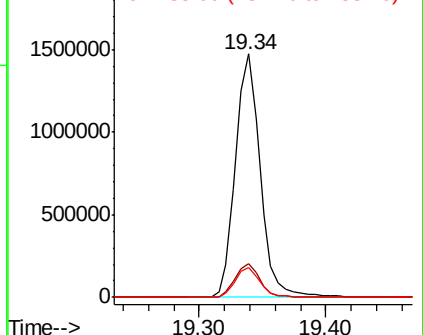


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.100 ng

RT: 19.50 min Scan# 2791

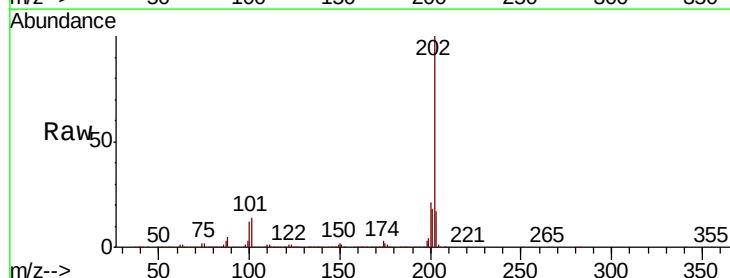
Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Tgt Ion:202 Resp: 3277806

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.2	14.0	21.0

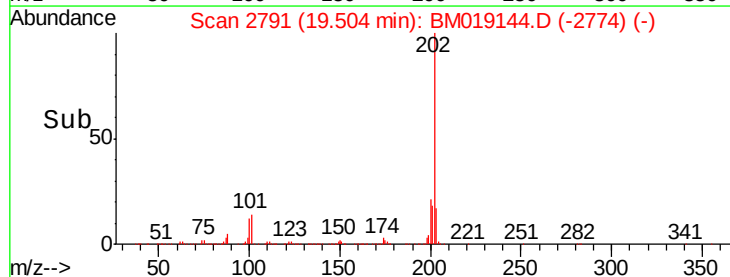
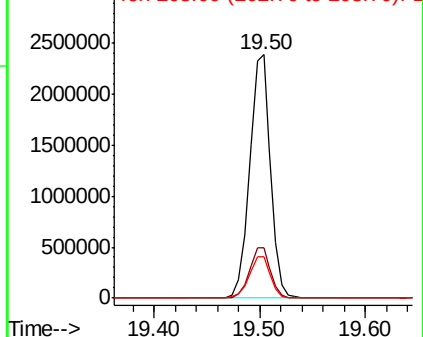


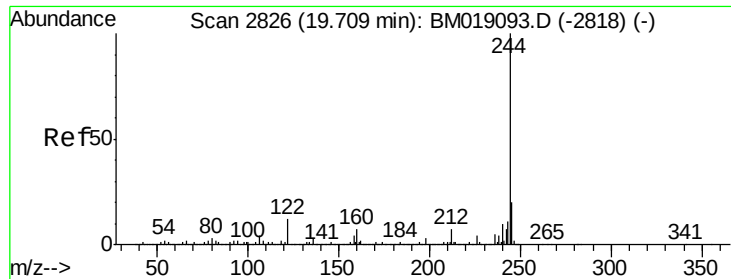
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.740 ng

RT: 19.71 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

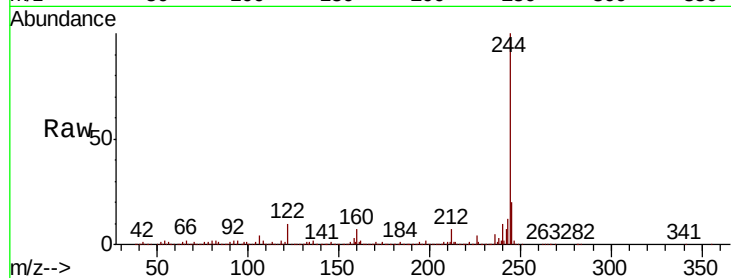
Tot Ion:244 Resp: 5255284

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

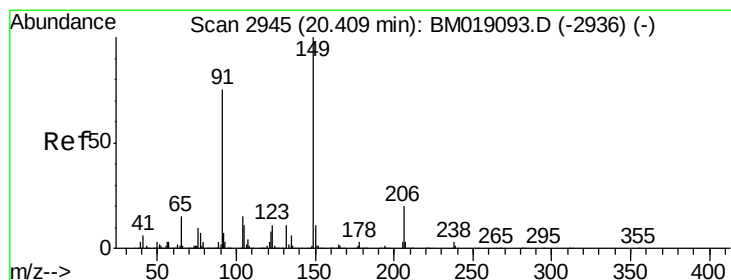
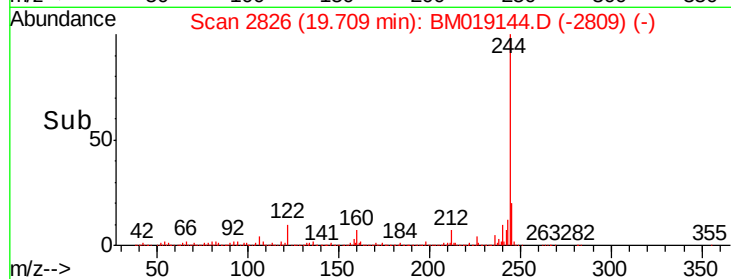
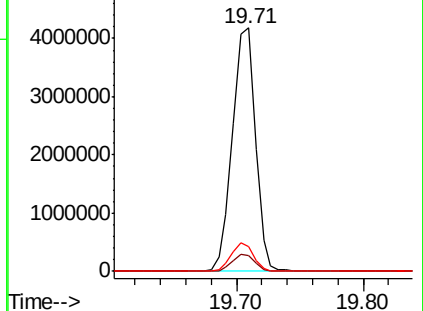
122 10.2 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.167 ng

RT: 20.40 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

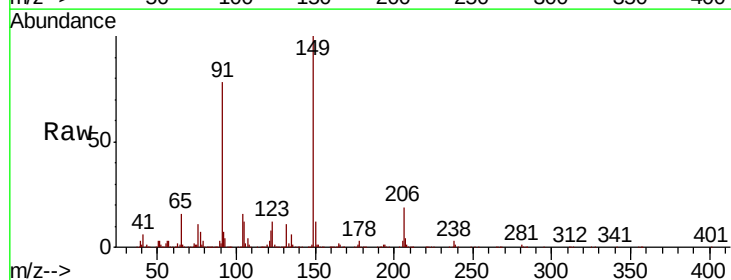
Tgt Ion:149 Resp: 1503159

Ion Ratio Lower Upper

149 100

91 77.9 60.1 90.1

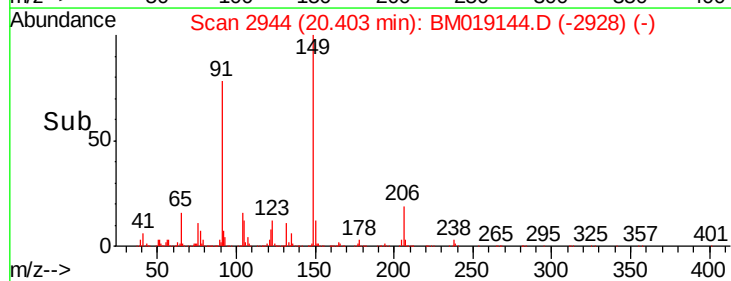
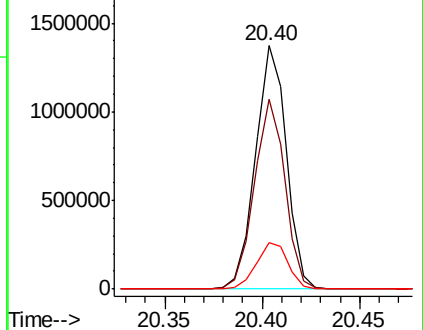
206 19.2 16.2 24.2

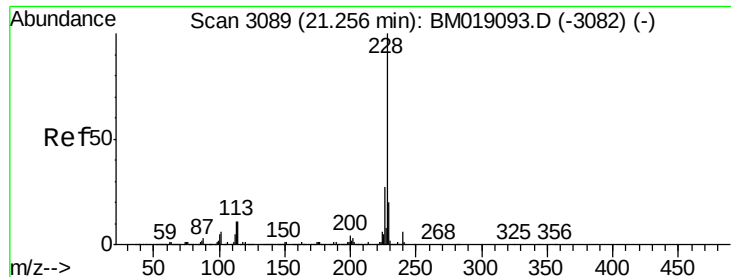


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.315 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

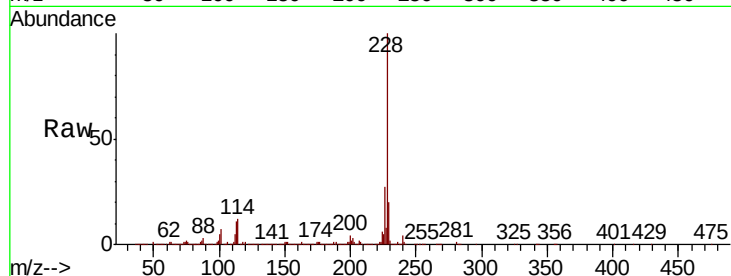
Tot Ion:228 Resp: 3268018

Ion Ratio Lower Upper

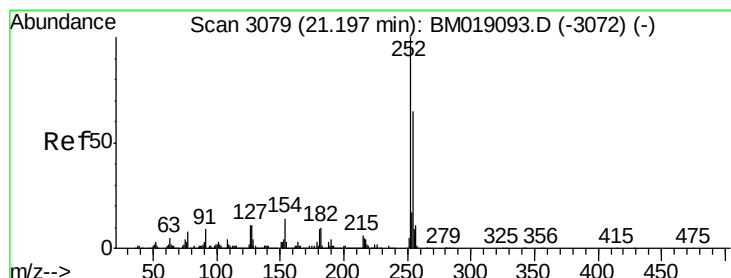
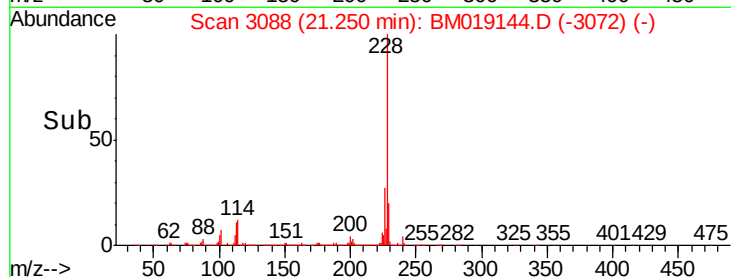
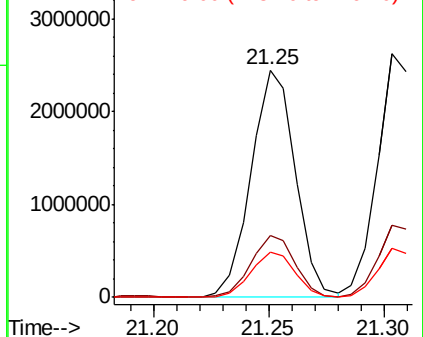
228 100

226 27.0 21.8 32.8

229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.539 ng

RT: 21.19 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

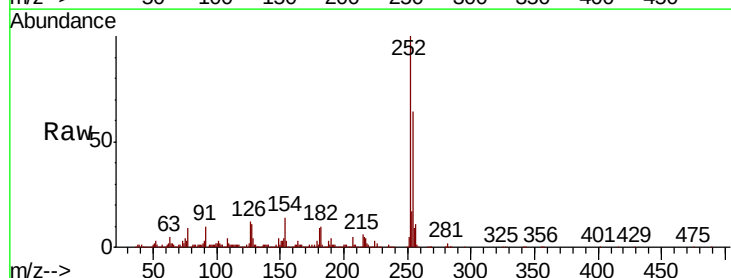
Tgt Ion:252 Resp: 1298144

Ion Ratio Lower Upper

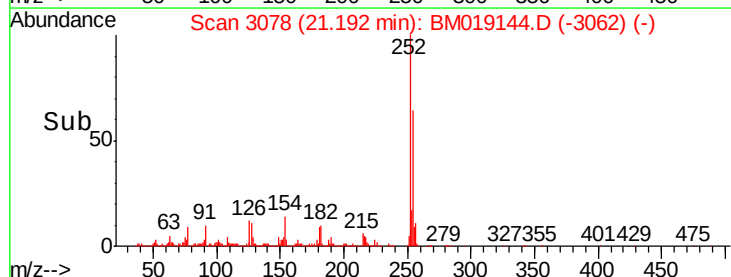
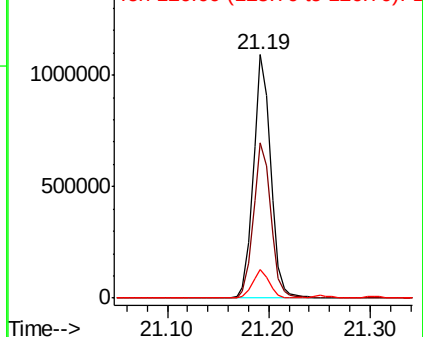
252 100

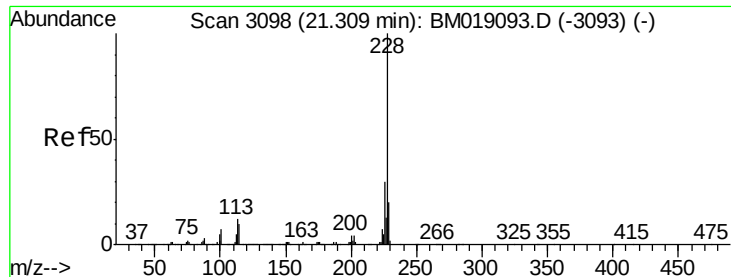
254 64.0 52.4 78.6

126 11.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.060 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

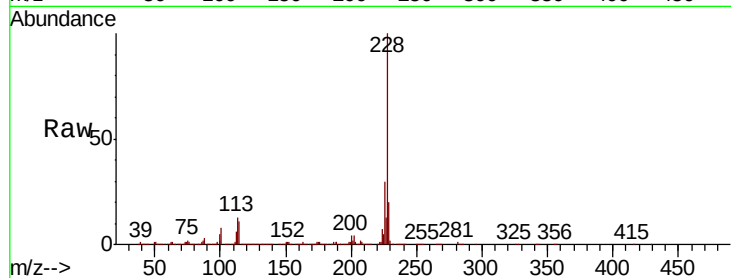
Tot Ion:228 Resp: 3141083

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

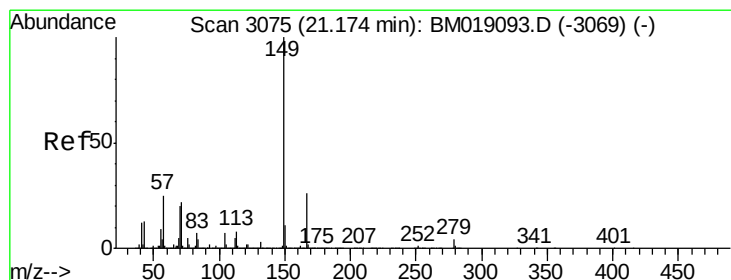
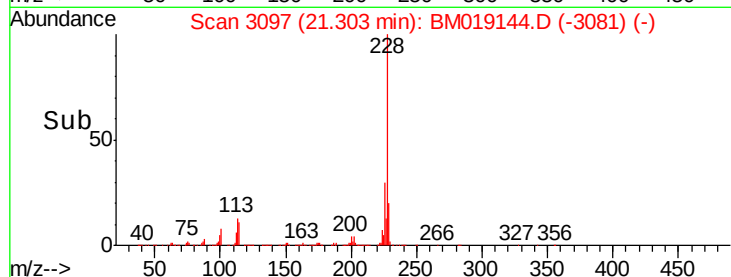
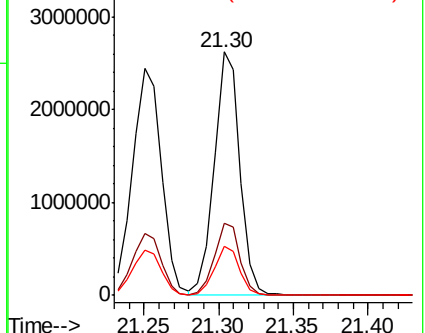
229 20.0 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.058 ng

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

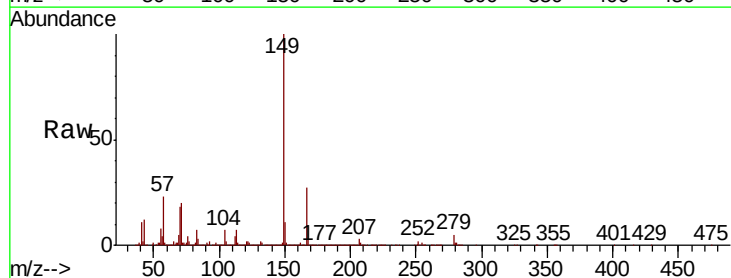
Tgt Ion:149 Resp: 2234204

Ion Ratio Lower Upper

149 100

167 27.2 21.1 31.7

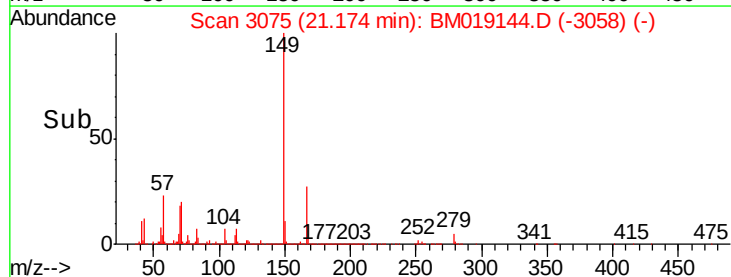
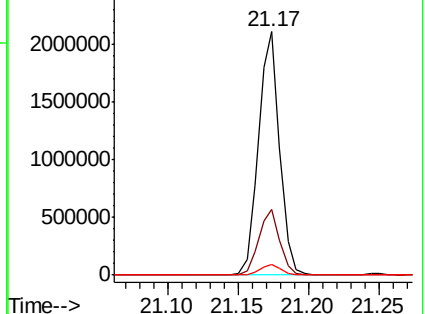
279 4.6 3.2 4.8

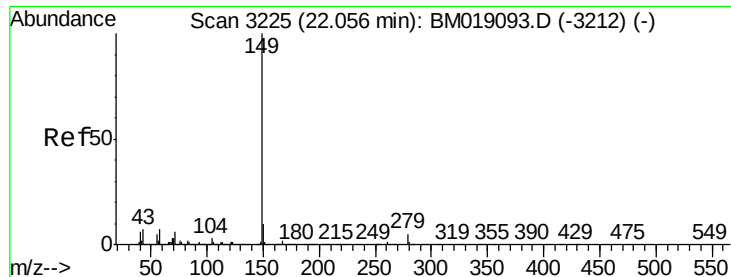


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.707 ng

RT: 22.05 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampleId :

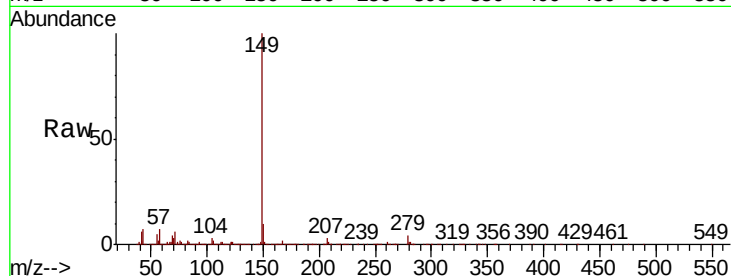
Tot Ion:149 Resp: 3820127

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

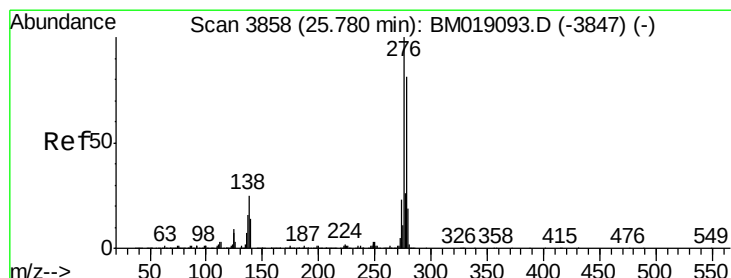
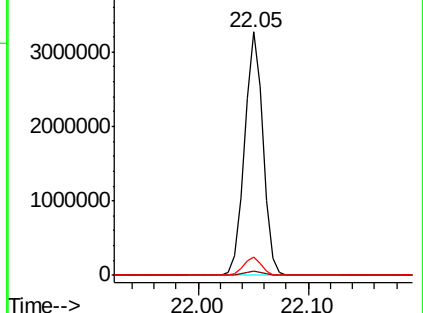
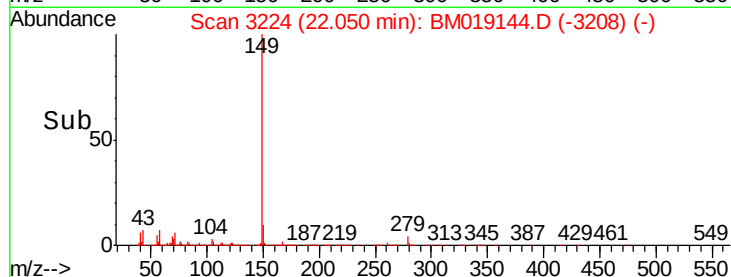
43 7.5 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.086 ng

RT: 25.77 min Scan# 3857

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

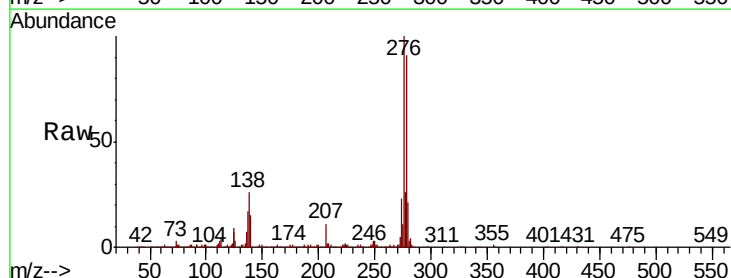
Tgt Ion:276 Resp: 3210439

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.8

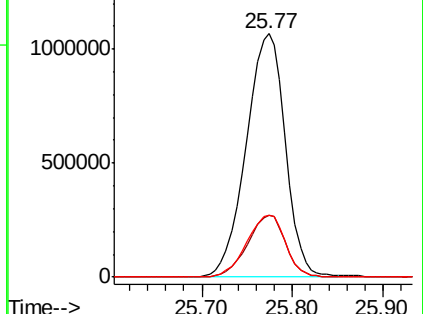
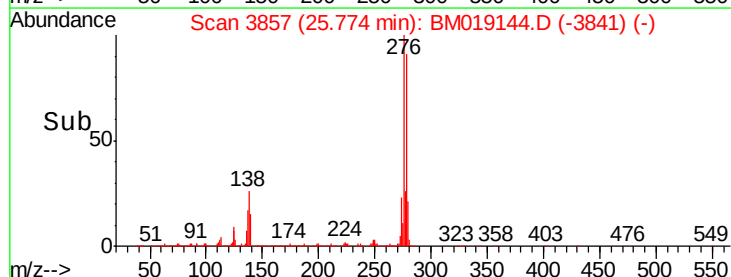
277 25.3 20.3 30.5

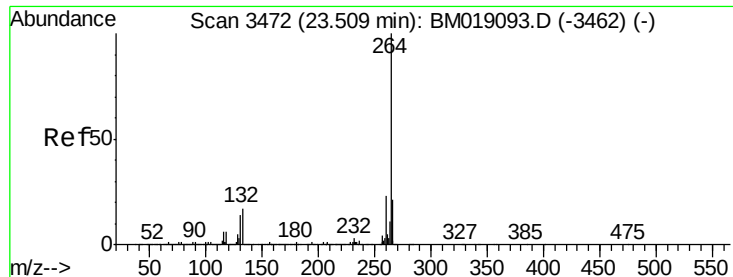


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



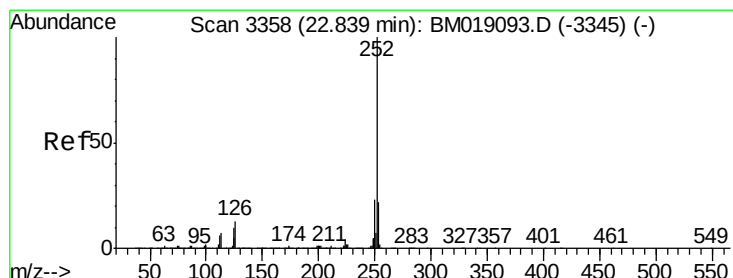
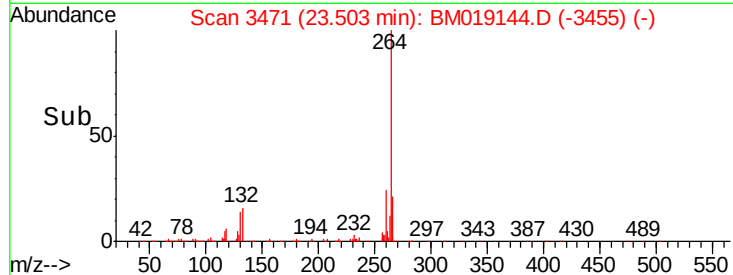
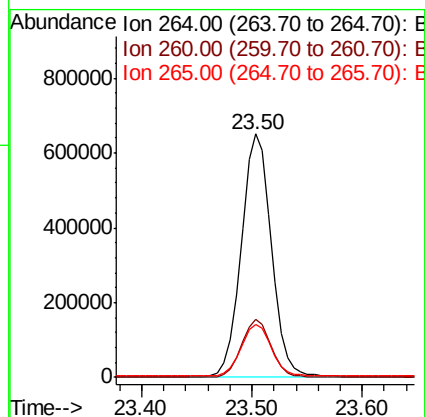
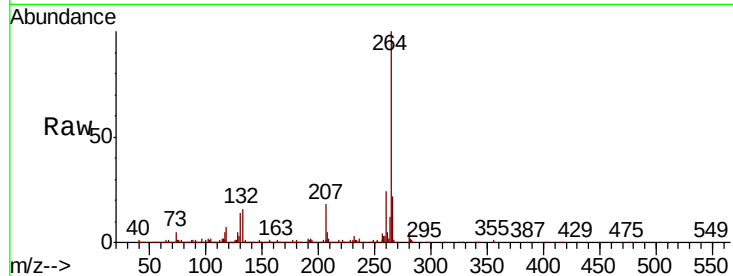


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1253618

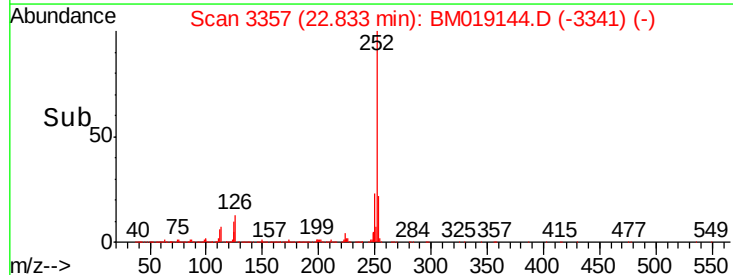
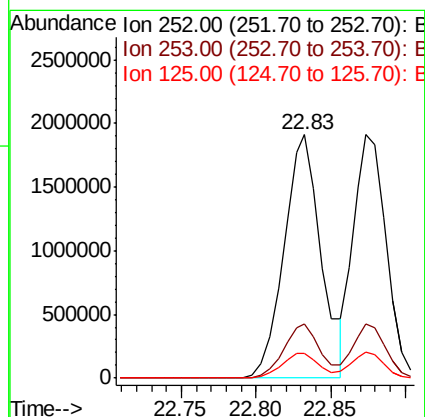
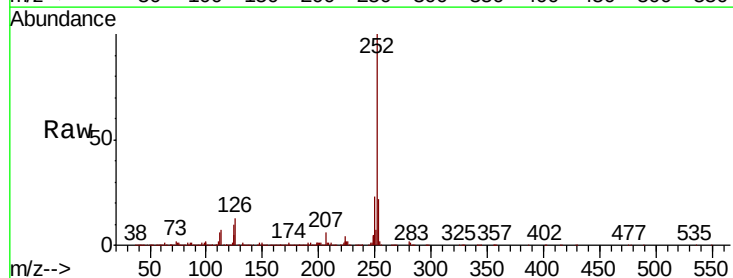
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.9	17.3	25.9

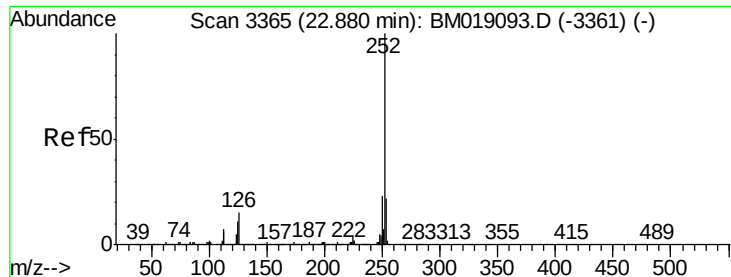


#88
Benzo(b)fluoranthene
Concen: 40.786 ng
RT: 22.83 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM019144.D
Acq: 13 Mar 2019 14:00

Tgt Ion:252 Resp: 3313124

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.4	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 39.134 ng

RT: 22.87 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Instrument :

BNA_M

ClientSampled :

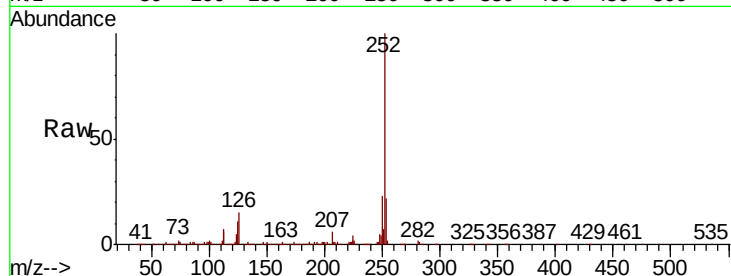
Tot Ion:252 Resp: 2923864

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

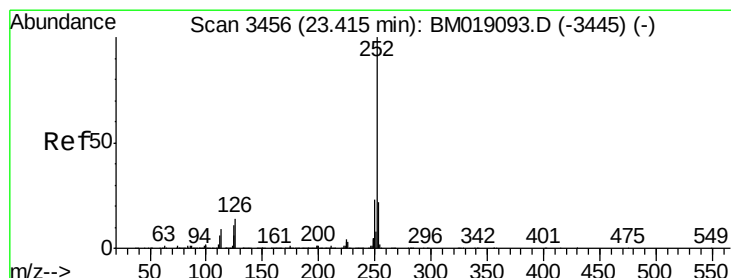
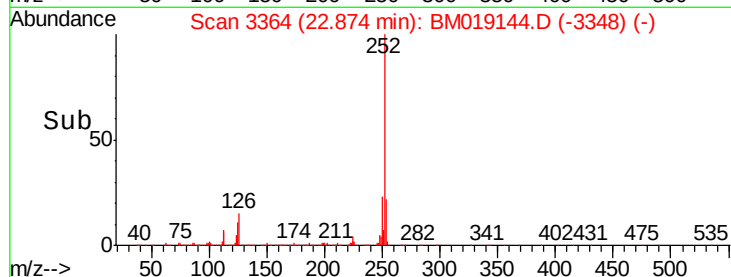
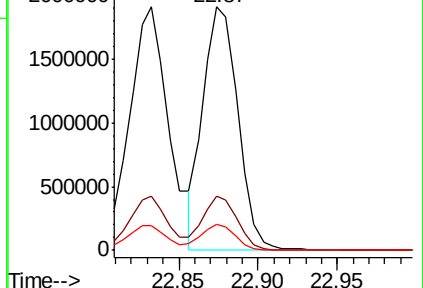
125 10.6 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.661 ng

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

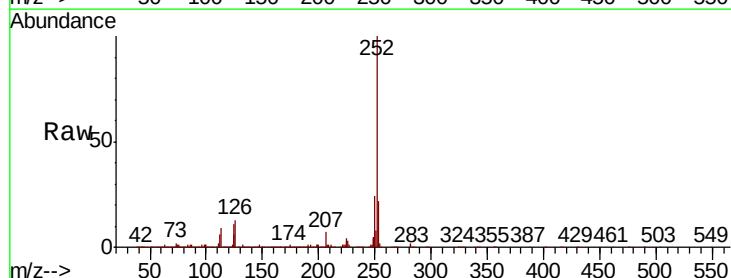
Tgt Ion:252 Resp: 2895251

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

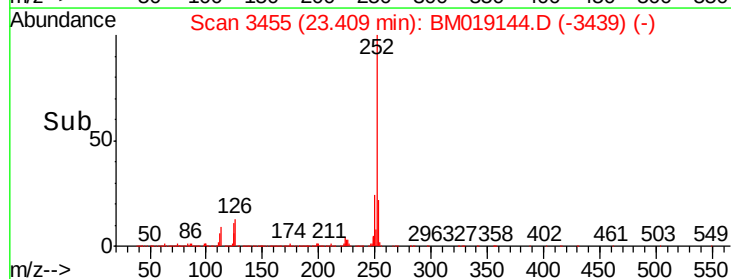
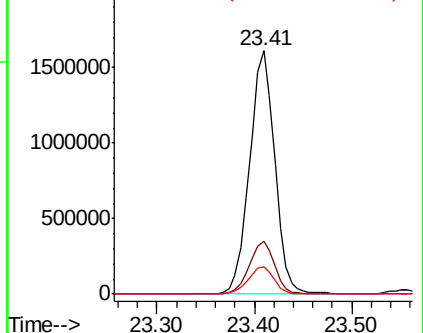
125 11.1 9.2 13.8

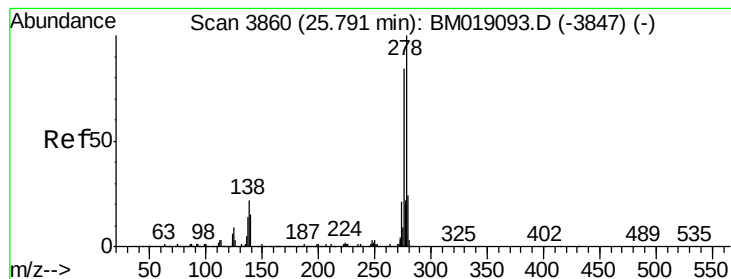


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.927 ng

RT: 25.78 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

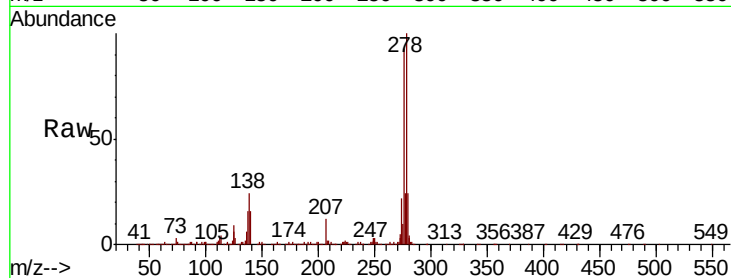
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 2718331

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.3	18.5
279	23.7	18.9	28.3

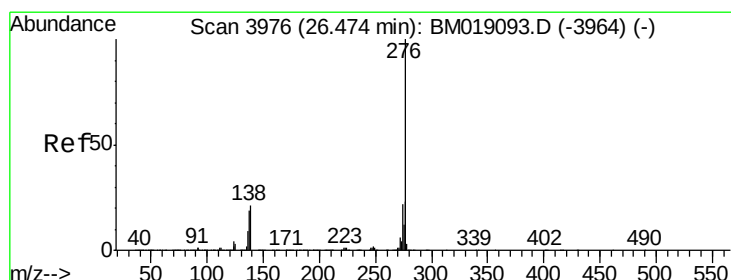
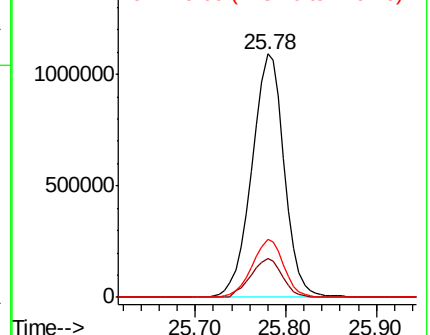
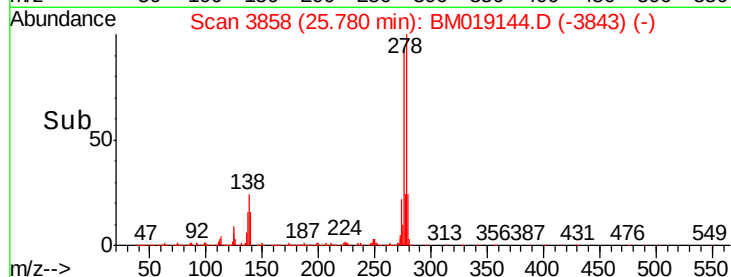


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.393 ng

RT: 26.47 min Scan# 3975

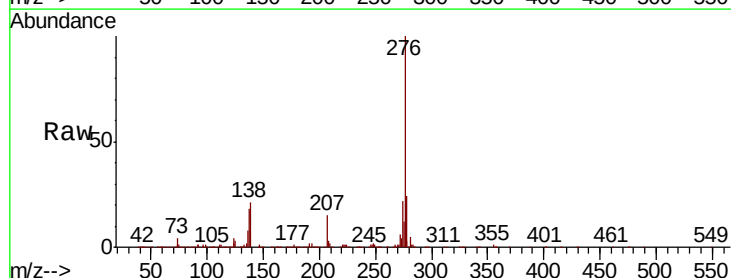
Delta R.T. -0.01 min

Lab File: BM019144.D

Acq: 13 Mar 2019 14:00

Tgt Ion:276 Resp: 2461465

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.7	17.0	25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

