

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018738.D
 Acq On : 07 Feb 2019 15:29
 Operator : JU/SJ
 Sample : PB116909BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Quant Time: Feb 08 10:05:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	242762	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	893472	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	445765	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	890343	20.00	ng	0.00
76) Chrysene-d12	21.31	240	819631	20.00	ng	0.00
87) Perylene-d12	23.57	264	805941	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1939355	147.51	ng	0.00
7) Phenol-d6	6.89	99	2370657	141.97	ng	0.00
23) Nitrobenzene-d5	8.88	82	1198246	77.75	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	793570	139.82	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	2795609	81.83	ng	0.00
79) Terphenyl-d14	19.74	244	3561953	91.61	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	216378	40.38	ng	99
3) Pyridine	3.66	79	561445	42.03	ng	97
4) n-Nitrosodimethylamine	3.58	42	268348	48.58	ng	# 95
6) Aniline	7.06	93	651292	34.96	ng	98
8) 2-Chlorophenol	7.28	128	641994	41.81	ng	97
9) Benzaldehyde	6.88	77	292558	28.02	ng	96
10) Phenol	6.92	94	697548	41.11	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	524943	39.37	ng	97
12) 1,3-Dichlorobenzene	7.60	146	719609	39.35	ng	99
13) 1,4-Dichlorobenzene	7.75	146	732587	39.53	ng	99
14) 1,2-Dichlorobenzene	8.06	146	698186	39.73	ng	99
15) Benzyl Alcohol	7.96	79	469929	38.96	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	706108	41.44	ng	96
17) 2-Methylphenol	8.16	107	472127	40.99	ng	99
18) Hexachloroethane	8.78	117	256818	38.86	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	397285	36.56	ng	95
20) 3+4-Methylphenols	8.49	107	630563	39.66	ng	99
22) Acetophenone	8.55	105	826137	37.38	ng	# 98
24) Nitrobenzene	8.93	77	616267	40.64	ng	97
25) Isophorone	9.45	82	1029367	44.11	ng	99
26) 2-Nitrophenol	9.63	139	315508	43.03	ng	97
27) 2,4-Dimethylphenol	9.69	122	512214	46.60	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	659118	40.88	ng	98
29) 2,4-Dichlorophenol	10.16	162	548969	41.95	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	643908	39.64	ng	98
31) Naphthalene	10.56	128	1849088	42.97	ng	100
32) Benzoic acid	9.82	122	302232	41.81	ng	99
33) 4-Chloroaniline	10.68	127	265885	15.69	ng	99
34) Hexachlorobutadiene	10.82	225	388541	37.86	ng	99
35) Caprolactam	11.49	113	129021	29.00	ng	99
36) 4-Chloro-3-methylphenol	11.80	107	526891	38.37	ng	99
37) 2-Methylnaphthalene	12.17	142	1294816	42.59	ng	100
38) 1-Methylnaphthalene	12.39	142	1219846	41.47	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	664692	42.64	ng	99

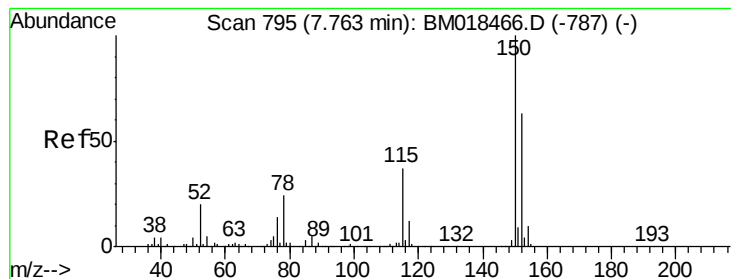
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
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 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	878171	102.65	nq	100
43) 2,4,6-Trichlorophenol	12.79	196	415978	43.94	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	433245	43.52	nq	99
46) 1,1'-Biphenyl	13.19	154	1598396	41.07	nq	99
47) 2-Chloronaphthalene	13.23	162	1242646	41.17	nq	99
48) 2-Nitroaniline	13.46	65	295656	39.82	nq	93
49) Acenaphthylene	14.09	152	1918073	43.61	nq	99
50) Dimethylphthalate	13.83	163	1420762	38.81	nq	99
51) 2,6-Dinitrotoluene	13.96	165	311972	40.23	nq	91
52) Acenaphthene	14.43	154	1112826	41.35	nq	97
53) 3-Nitroaniline	14.29	138	179361	22.94	nq	95
54) 2,4-Dinitrophenol	14.50	184	311249	74.67	nq	90
55) Dibenzofuran	14.77	168	1757103	39.51	nq	100
56) 4-Nitrophenol	14.60	139	495955	73.43	nq	97
57) 2,4-Dinitrotoluene	14.75	165	414039	37.74	nq	99
58) Fluorene	15.42	166	1379794	41.65	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	367528	41.65	nq	98
60) Diethylphthalate	15.19	149	1384252	37.45	nq	100
61) 4-Chlorophenyl-phenylether	15.41	204	713009	37.35	nq	99
62) 4-Nitroaniline	15.46	138	268049	31.43	nq	94
63) Azobenzene	15.70	77	1160225	38.50	nq	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	214592	38.96	nq	91
66) n-Nitrosodiphenylamine	15.63	169	1165496	42.20	nq	99
67) 4-Bromophenyl-phenylether	16.31	248	403789	40.53	nq	97
68) Hexachlorobenzene	16.41	284	452898	40.60	nq	100
69) Atrazine	16.59	200	388118	38.87	nq	97
70) Pentachlorophenol	16.76	266	534265	73.14	nq	99
71) Phenanthrene	17.16	178	2030011	42.87	nq	99
72) Anthracene	17.25	178	2056086	45.15	nq	99
73) Carbazole	17.53	167	1796424	38.40	nq	99
74) Di-n-butylphthalate	18.08	149	2079817	40.58	nq	99
75) Fluoranthene	19.18	202	2160754	39.57	nq	99
77) Benzidine	19.37	184	881857	43.57	nq	100
78) Pyrene	19.54	202	2240015	46.11	nq	100
80) Butylbenzylphthalate	20.44	149	869634	41.95	nq	98
81) Benzo(a)anthracene	21.29	228	2094727	43.38	nq	99
82) 3,3'-Dichlorobenzidine	21.23	252	534435	29.27	nq	99
83) Chrysene	21.34	228	1983370	42.54	nq	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1211792	40.48	nq	100
85) Di-n-octyl phthalate	22.10	149	2027819	40.27	nq	96
86) Indeno(1,2,3-cd)pyrene	25.86	276	2456468	45.69	nq	98
88) Benzo(b)fluoranthene	22.89	252	2063104	45.09	nq	99
89) Benzo(k)fluoranthene	22.93	252	1973307	42.79	nq	98
90) Benzo(a)pyrene	23.47	252	1994993	45.54	nq	98
91) Dibenzo(a,h)anthracene	25.87	278	2066746	46.56	nq	100
92) Benzo(g,h,i)perylene	26.56	276	2072278	47.98	nq	98

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

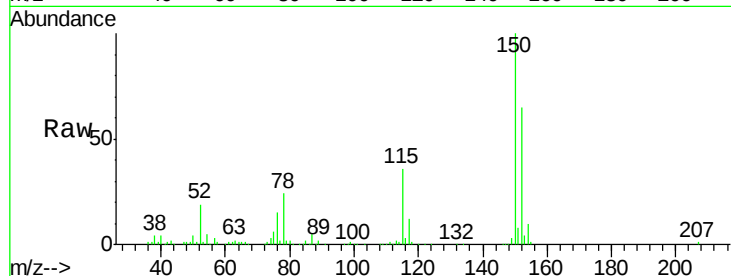


#1

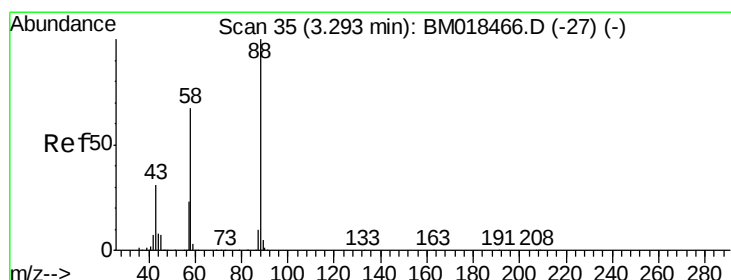
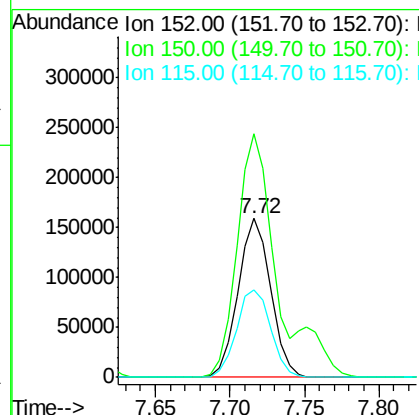
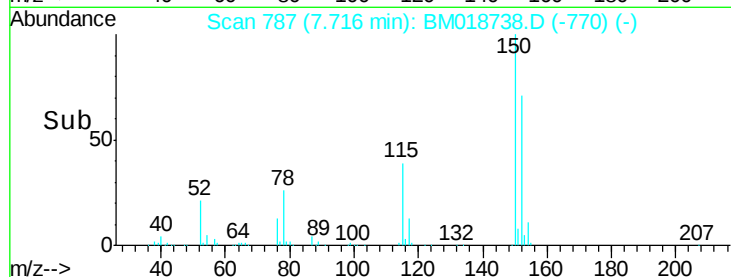
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion:152 Resp: 242762
Ion Ratio Lower Upper
152 100
150 153.6 126.9 190.3
115 55.4 45.5 68.3



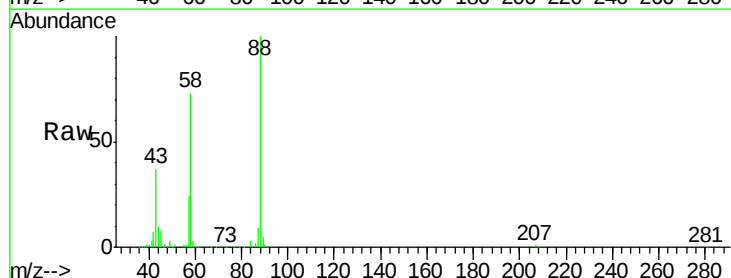
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



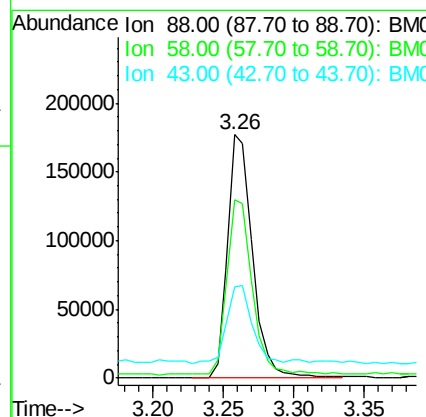
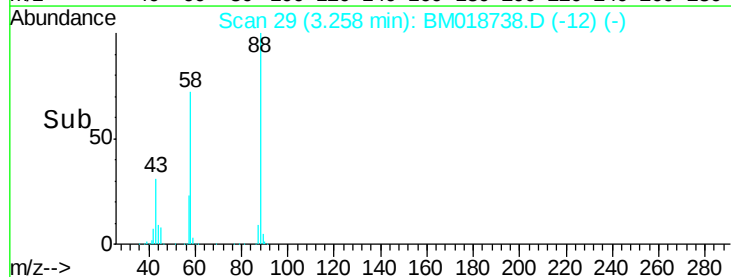
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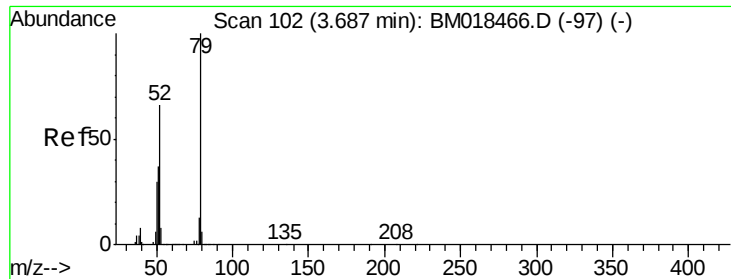
1,4-Dioxane
Concen: 40.38 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion: 88 Resp: 216378
Ion Ratio Lower Upper
88 100
58 73.4 58.4 87.6
43 32.3 26.2 39.4



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: 42.03 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

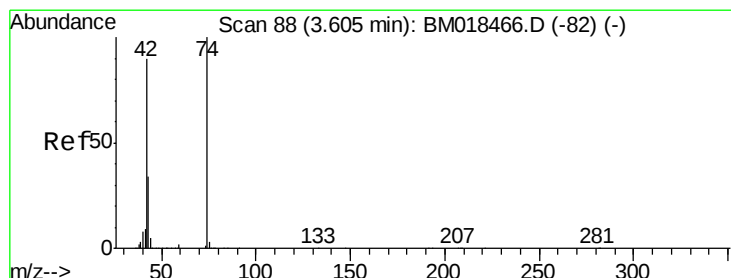
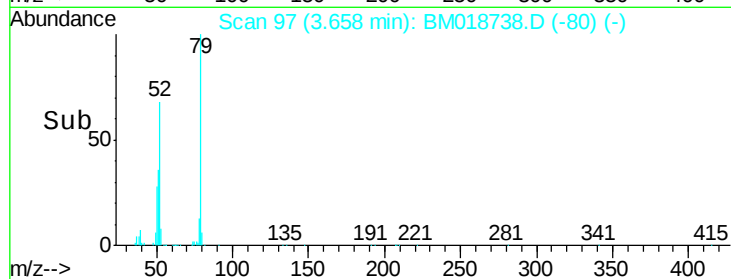
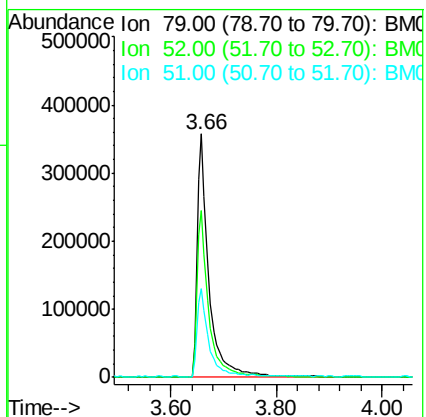
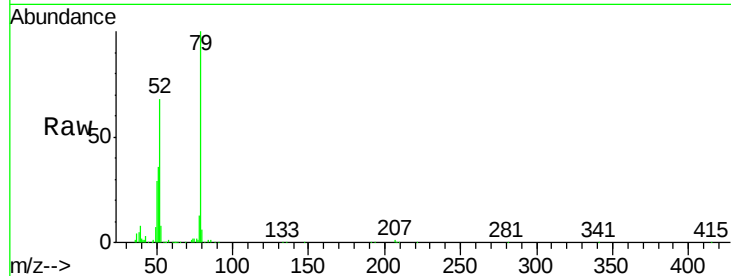
Tot Ion: 79 Resp: 561445

Ion Ratio Lower Upper

79 100

52 68.3 56.4 84.6

51 36.2 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 48.58 ng

RT: 3.58 min Scan# 83

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

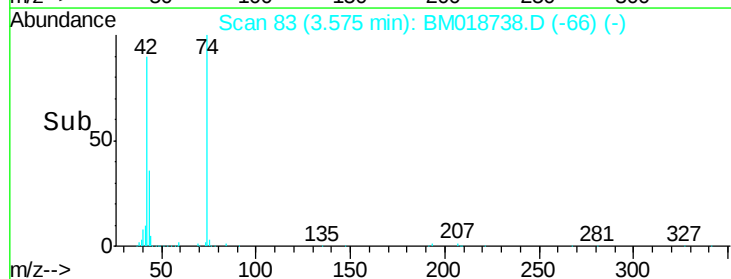
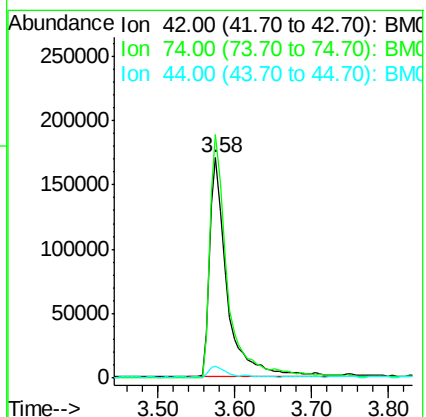
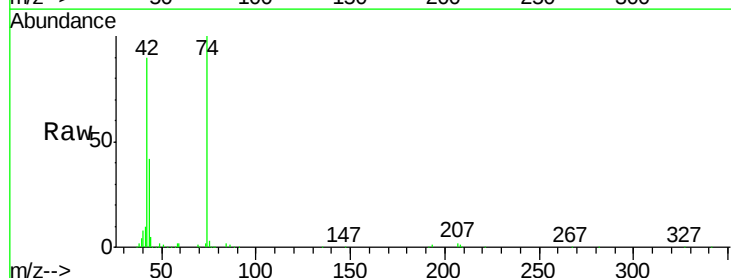
Tgt Ion: 42 Resp: 268348

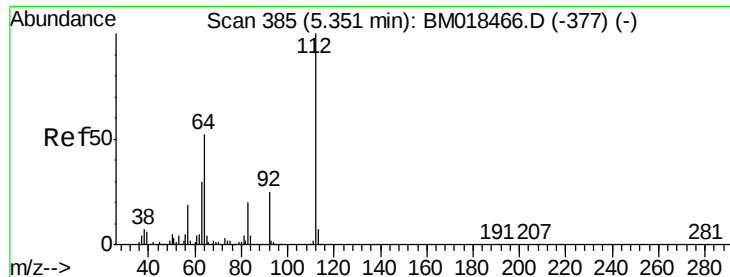
Ion Ratio Lower Upper

42 100

74 110.5 88.6 132.8

44 5.7 16.9 25.3#





#5

2-Fluorophenol

Concen: 147.51 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

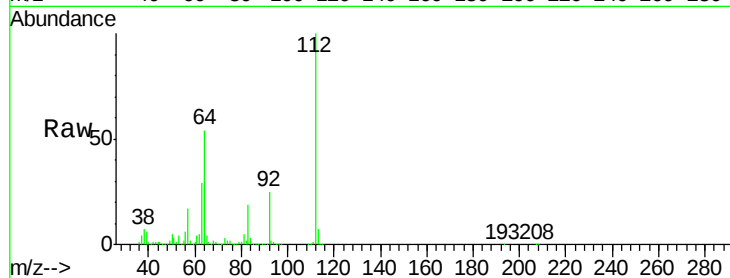
Tot Ion:112 Resp: 1939355

Ion Ratio Lower Upper

112 100

64 53.6 46.5 69.7

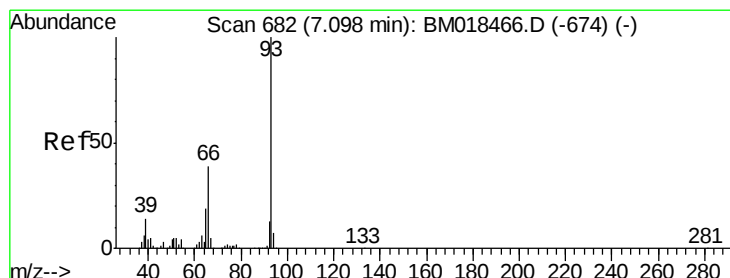
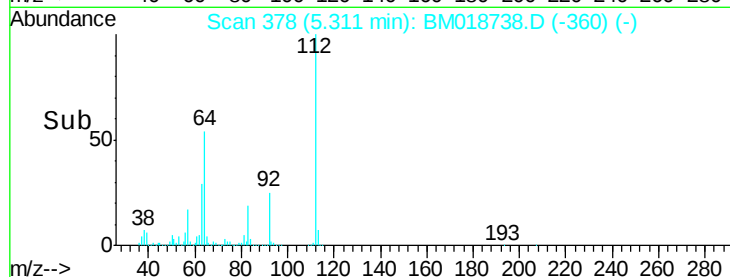
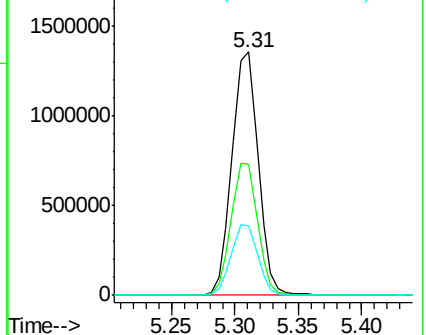
63 28.6 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 34.96 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

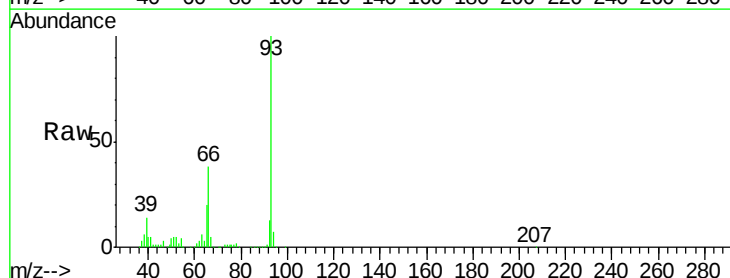
Tgt Ion: 93 Resp: 651292

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

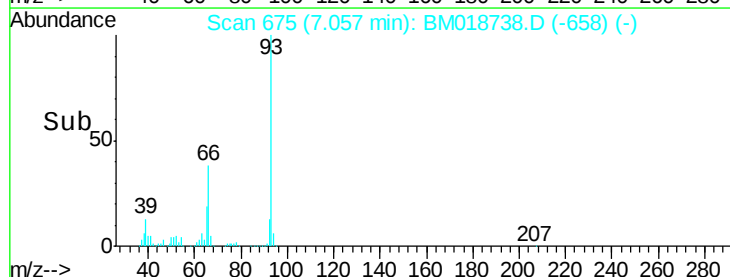
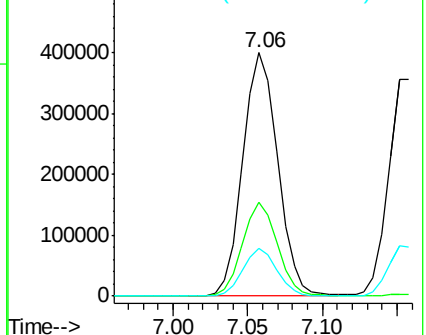
65 19.5 15.9 23.9

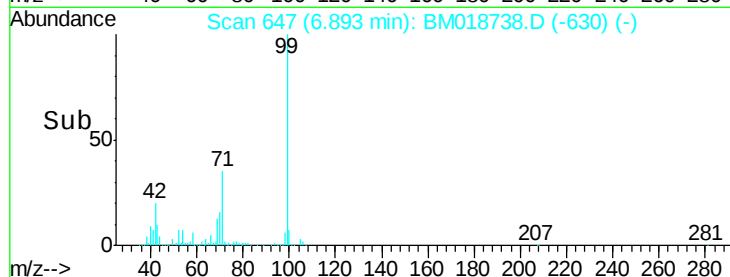
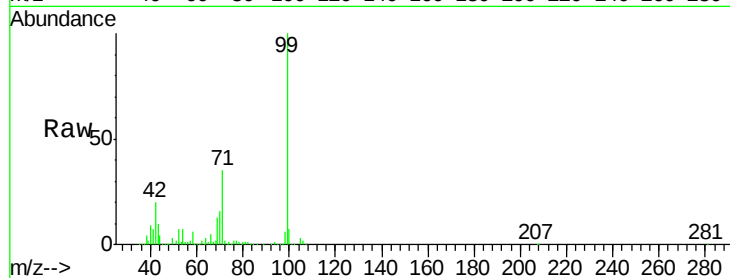
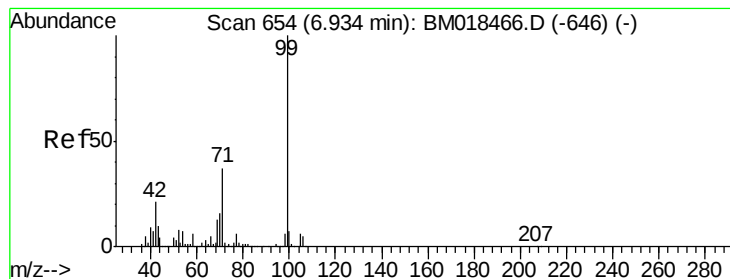


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 141.97 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

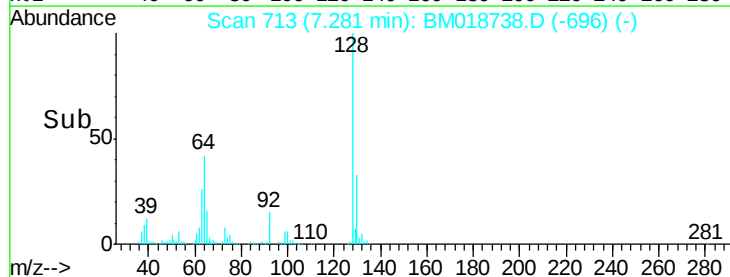
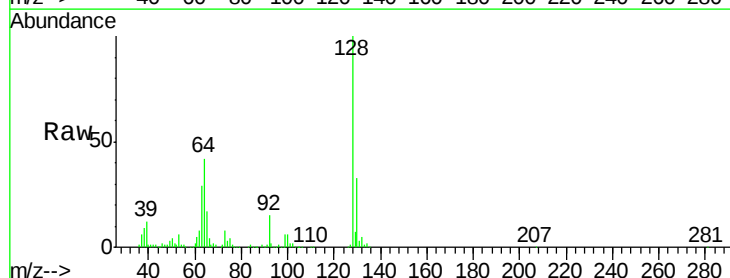
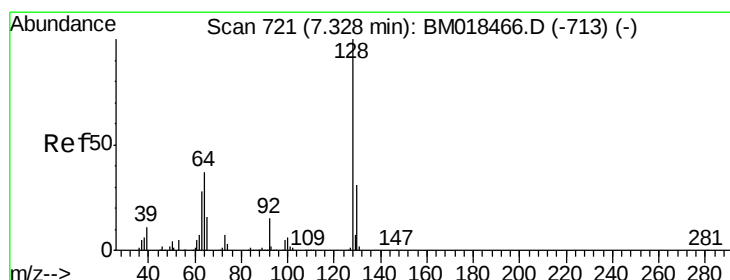
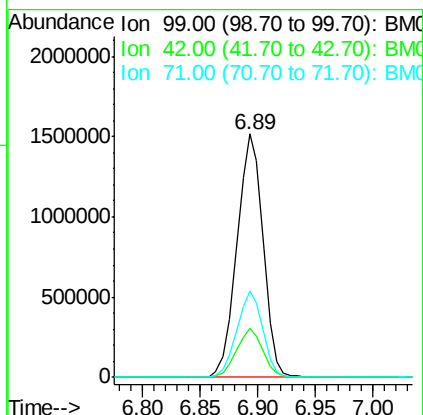
BNA_M

ClientSampleId :

PB116909BS

Tot Ion: 99 Resp: 2370657

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	35.2	28.0	42.0



#8

2-Chlorophenol

Concen: 41.81 ng

RT: 7.28 min Scan# 713

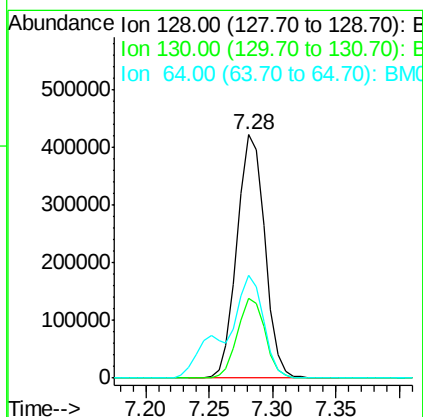
Delta R.T. 0.00 min

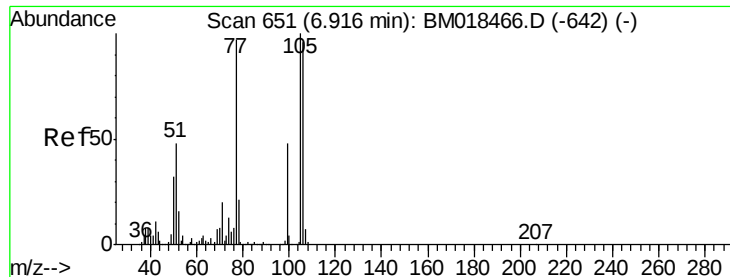
Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion: 128 Resp: 641994

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	42.1	24.8	64.8





#9

Benzaldehyde

Concen: 28.02 ng

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

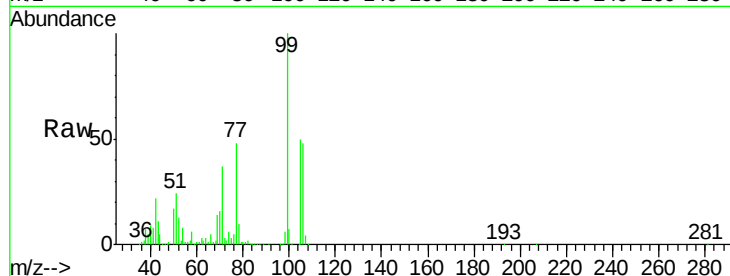
Tot Ion: 77 Resp: 292558

Ion Ratio Lower Upper

77 100

105 103.5 79.7 119.7

106 100.1 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018738.D (-627) (-)

250000

Ion 105.00 (104.70 to 105.70): BM018738.D (-627) (-)

200000

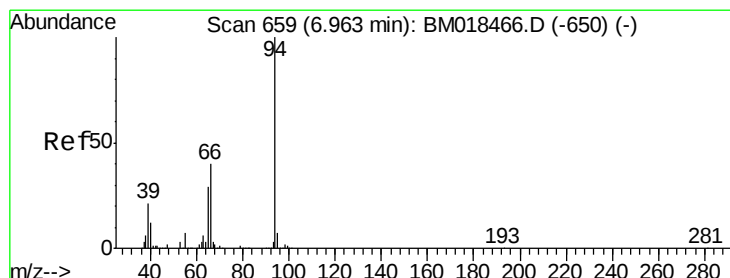
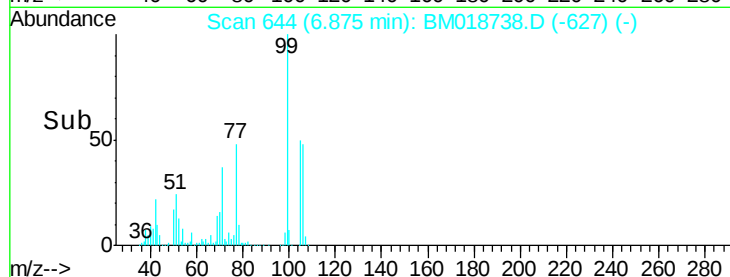
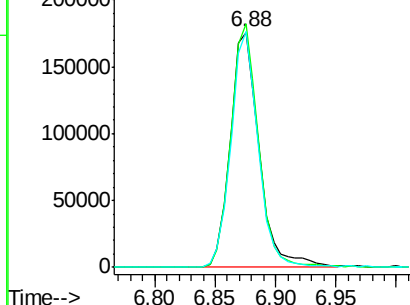
Ion 106.00 (105.70 to 106.70): BM018738.D (-627) (-)

150000

100000

50000

0



#10

Phenol

Concen: 41.11 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

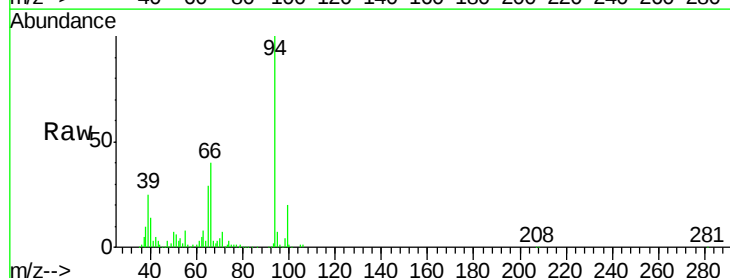
Tgt Ion: 94 Resp: 697548

Ion Ratio Lower Upper

94 100

65 28.6 9.4 49.4

66 39.9 19.1 59.1



Abundance Ion 94.00 (93.70 to 94.70): BM018738.D (-634) (-)

600000

Ion 65.00 (64.70 to 65.70): BM018738.D (-634) (-)

500000

Ion 66.00 (65.70 to 66.70): BM018738.D (-634) (-)

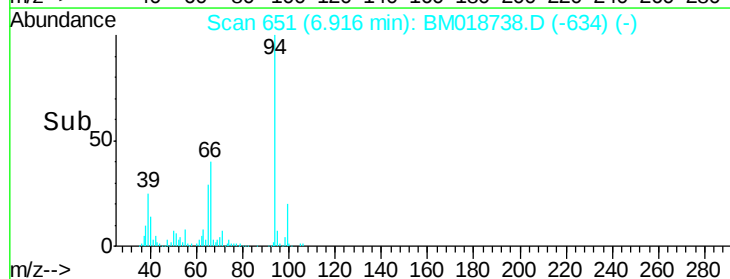
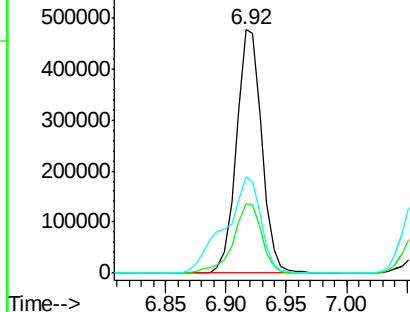
400000

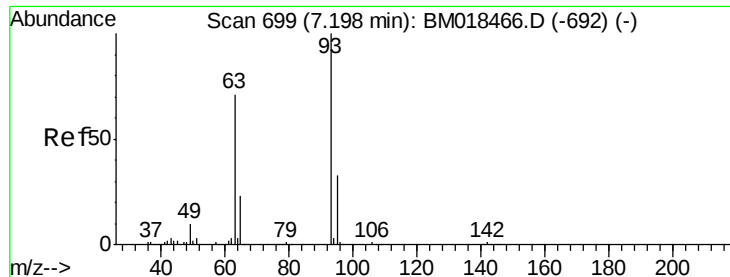
300000

200000

100000

0

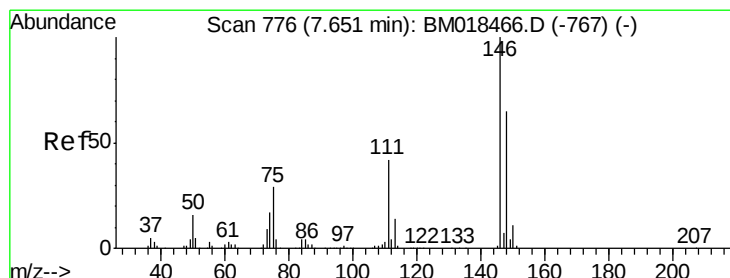
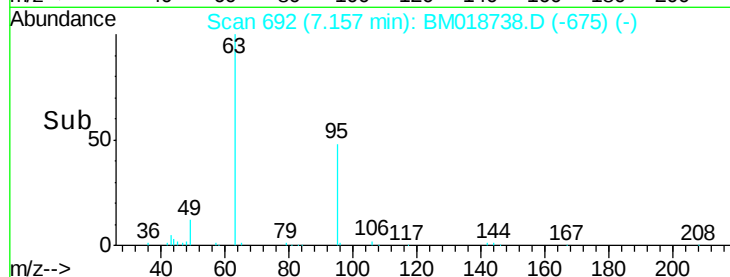
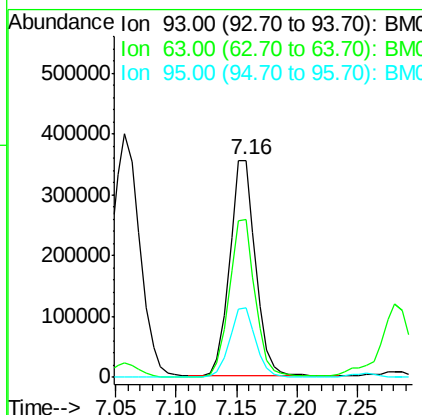
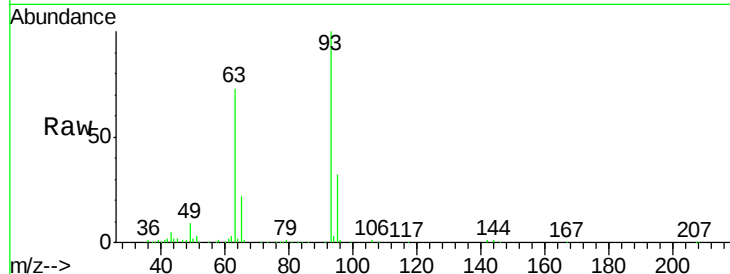




#11
bis(2-Chloroethyl)ether
Concen: 39.37 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

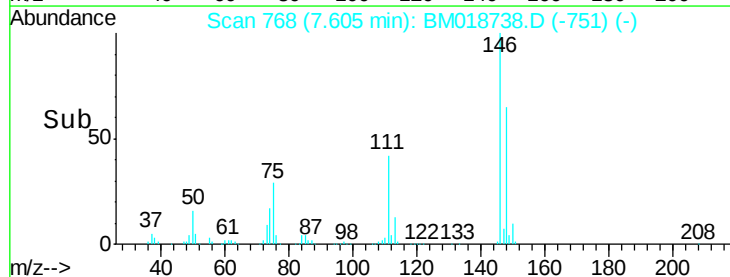
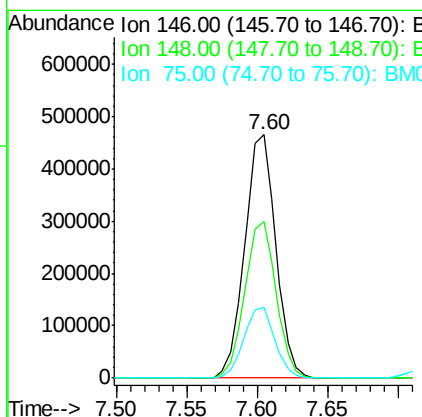
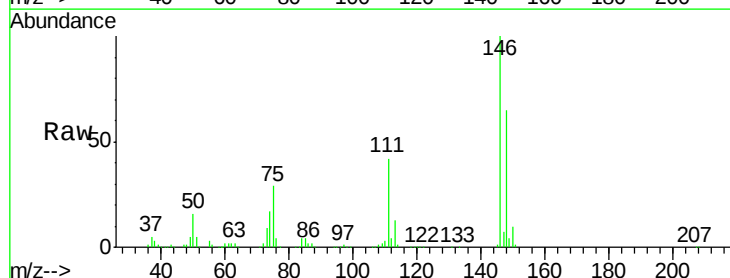
Instrument :
BNA_M
ClientSampleID :
PB116909BS

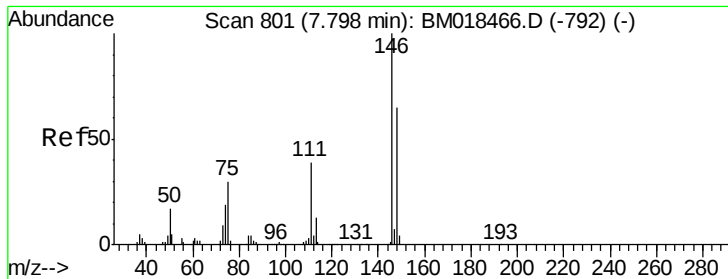
Tot Ion: 93 Resp: 524943
Ion Ratio Lower Upper
93 100
63 72.6 56.4 96.4
95 32.2 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.35 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion: 146 Resp: 719609
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 29.1 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 39.53 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

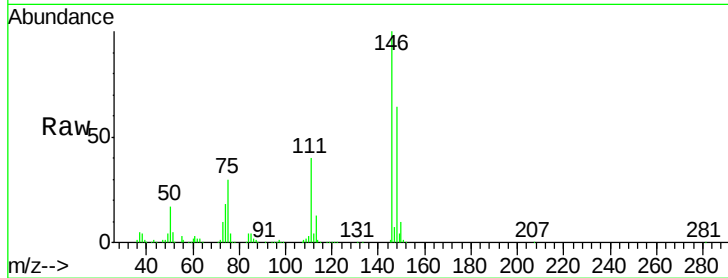
Tot Ion:146 Resp: 732587

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

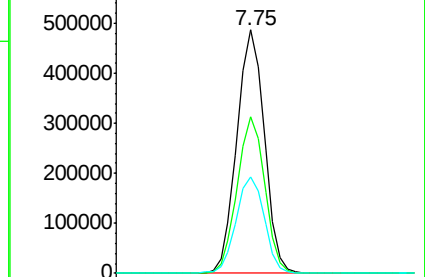
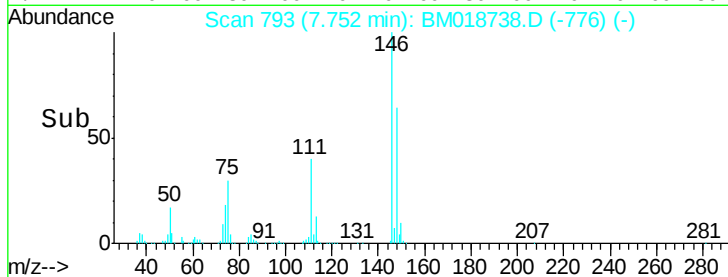
111 39.8 32.2 48.2



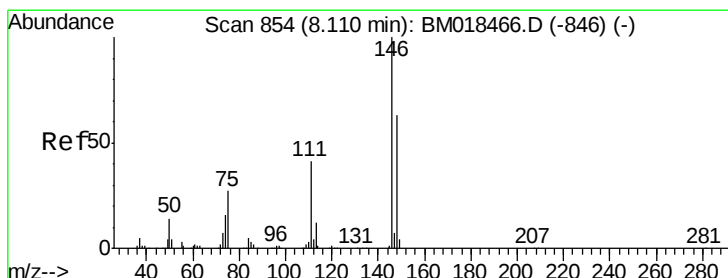
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 39.73 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

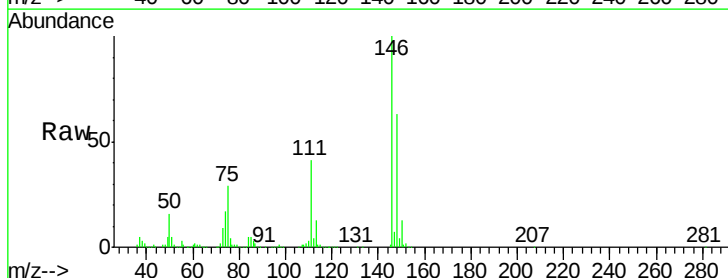
Tgt Ion:146 Resp: 698186

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

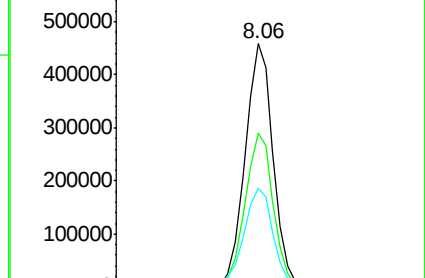
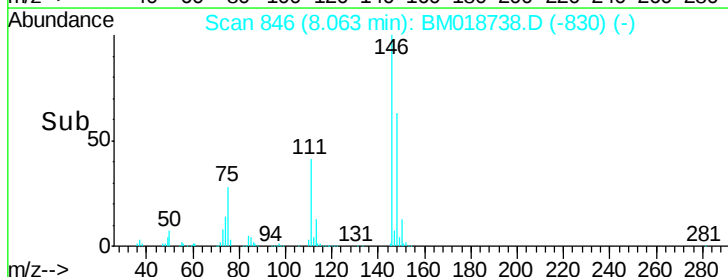
111 40.6 33.8 50.6



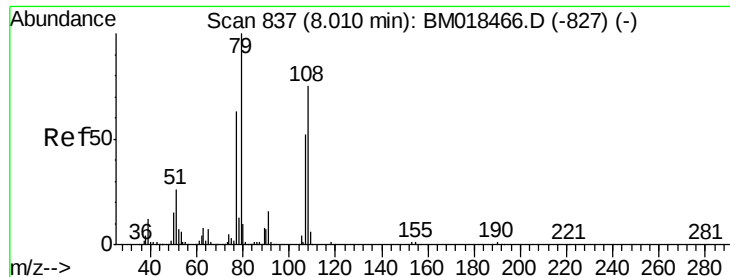
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#15

Benzyl Alcohol

Concen: 38.96 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

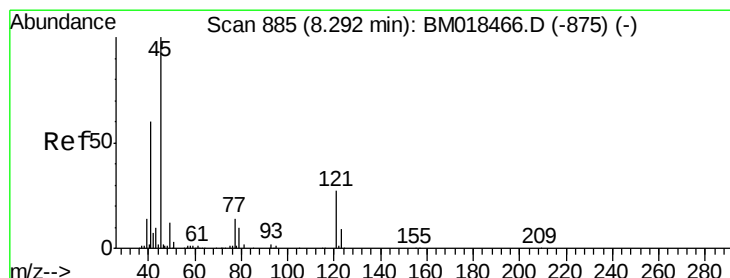
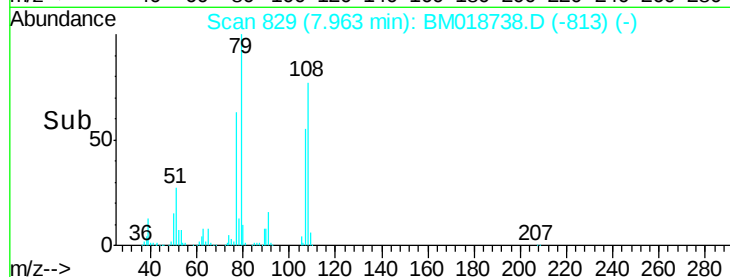
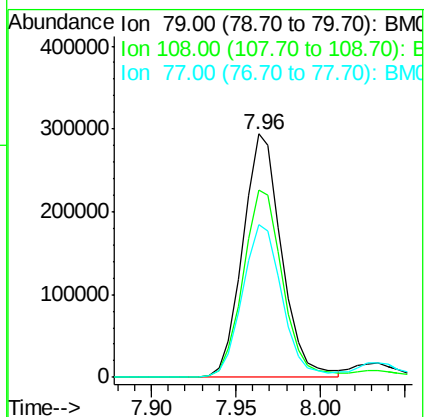
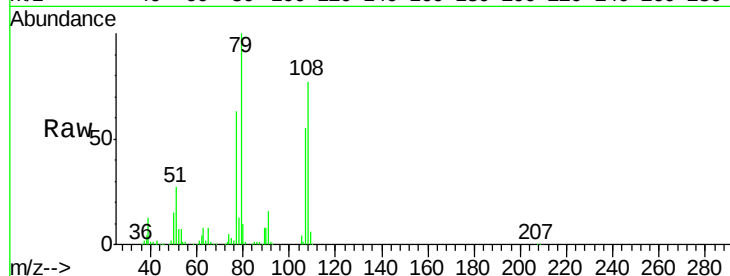
Tot Ion: 79 Resp: 469929

Ion Ratio Lower Upper

79 100

108 76.9 60.4 90.6

77 62.8 53.4 80.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.44 ng

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

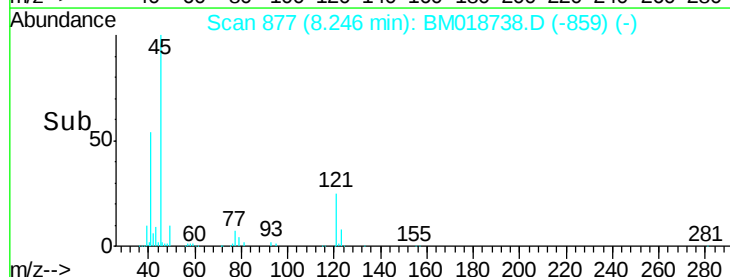
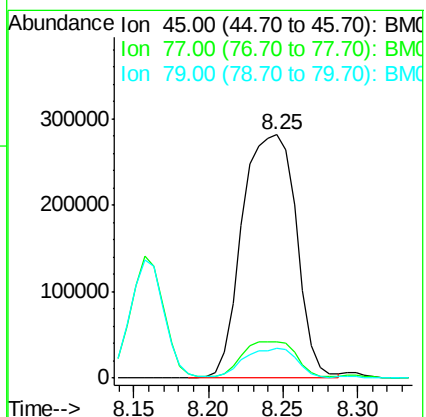
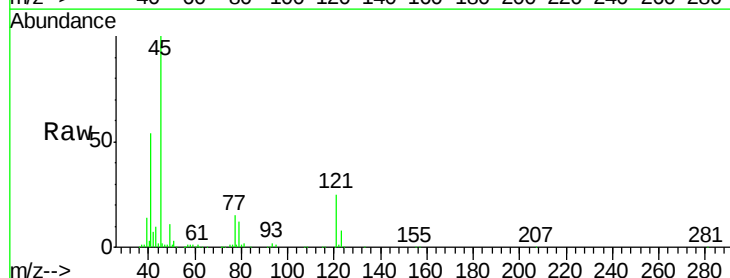
Tgt Ion: 45 Resp: 706108

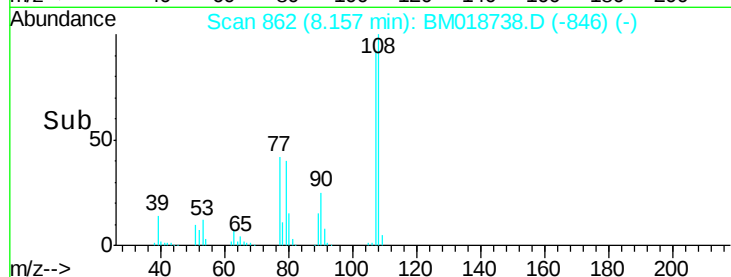
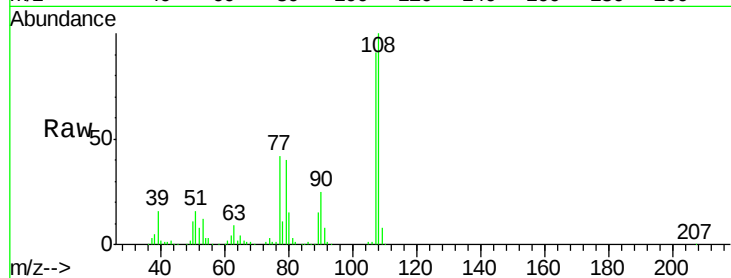
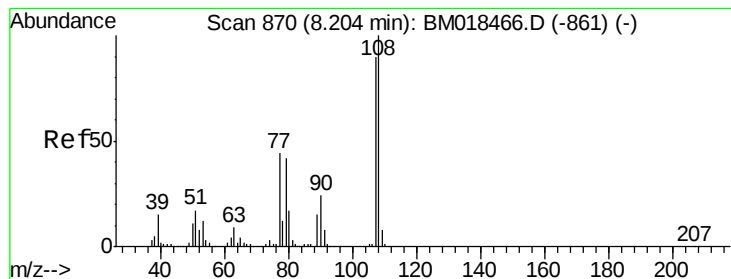
Ion Ratio Lower Upper

45 100

77 14.9 0.0 33.4

79 12.4 0.0 31.1





#17

2-Methylphenol

Concen: 40.99 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

Tot Ion:107 Resp: 472127

Ion Ratio Lower Upper

107 100

108 109.6 87.5 131.3

77 46.1 37.3 55.9

79 44.3 36.4 54.6

Abundance

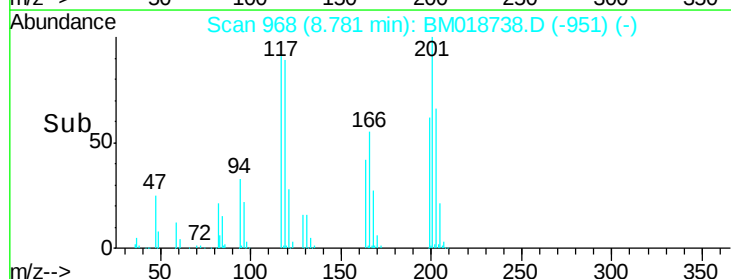
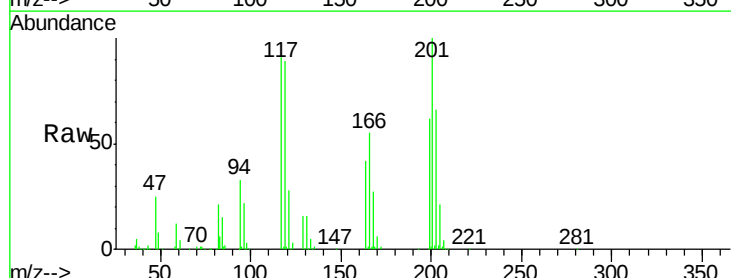
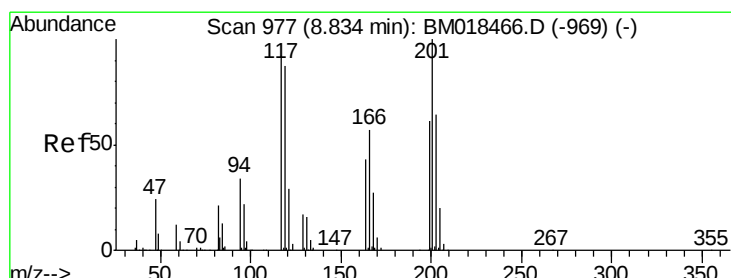
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM

Time-->



#18

Hexachloroethane

Concen: 38.86 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:117 Resp: 256818

Ion Ratio Lower Upper

117 100

119 97.7 78.3 117.5

201 109.7 81.4 122.0

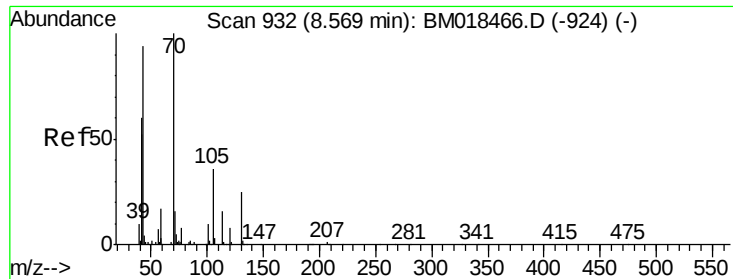
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

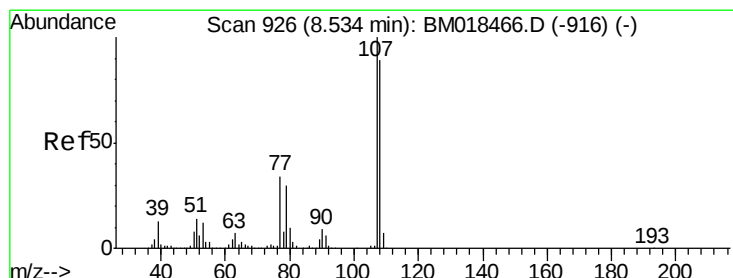
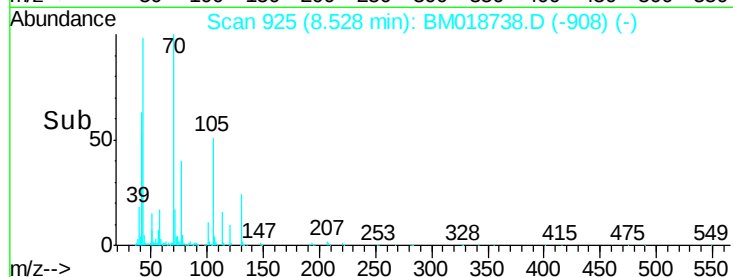
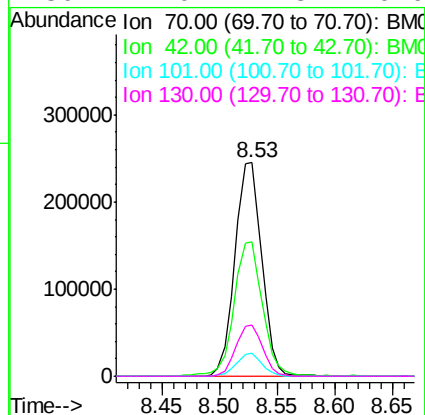
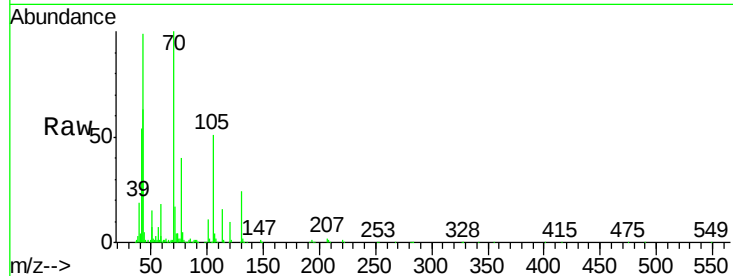
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 36.56 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

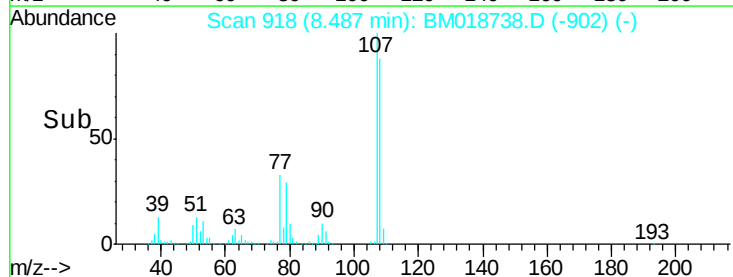
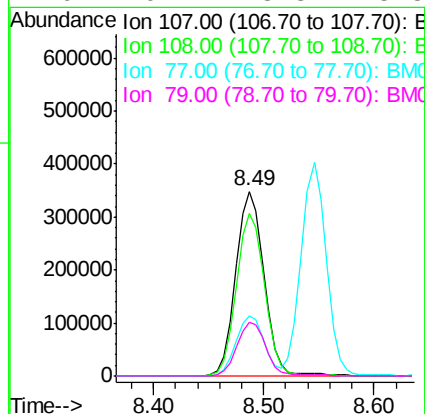
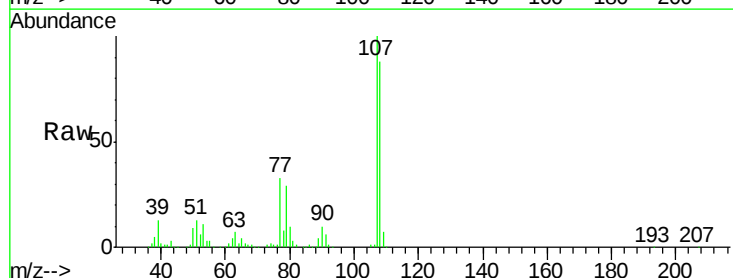
Instrument :
BNA_M
ClientSampleId :
PB116909BS

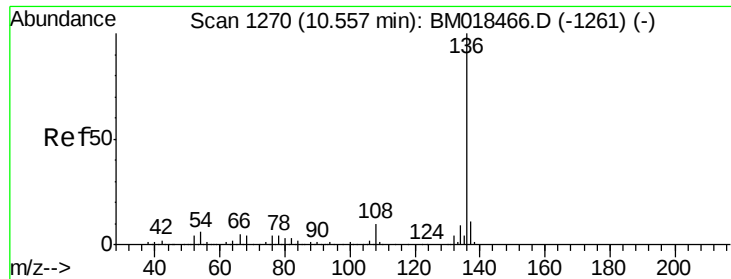
Tot Ion:	70	Resp:	397285
Ion	Ratio	Lower	Upper
70	100		
42	63.0	54.0	81.0
101	10.9	8.1	12.1
130	24.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:	107	Resp:	630563
Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.8	106.8
77	32.9	13.3	53.3
79	29.4	8.8	48.8

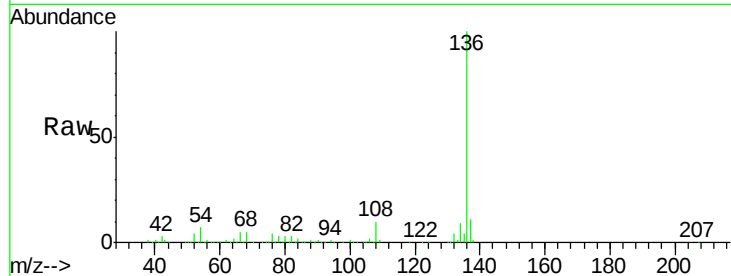




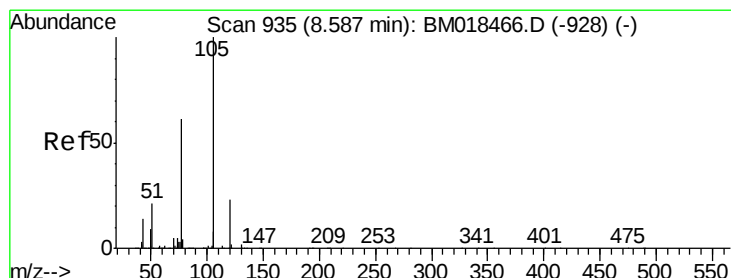
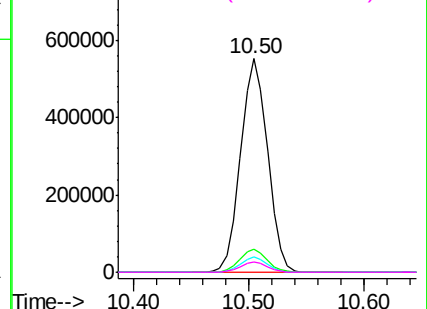
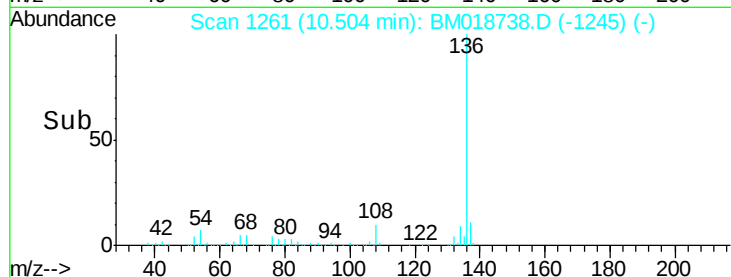
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion:136	Resp:	893472
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.1	6.0 9.0
68	4.8	4.5 6.7

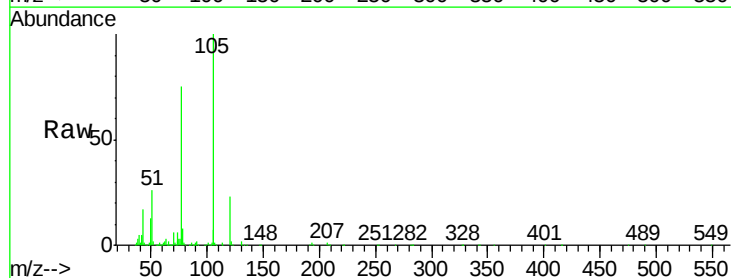


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

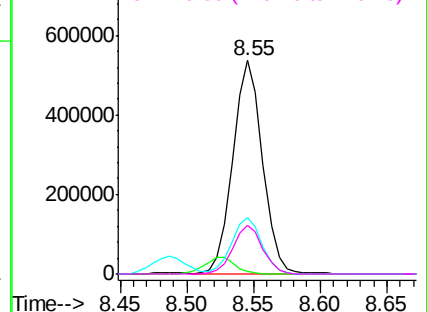
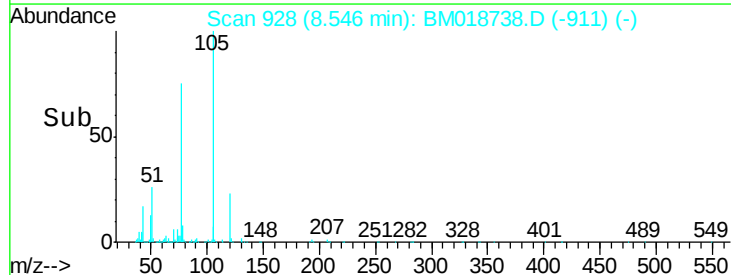


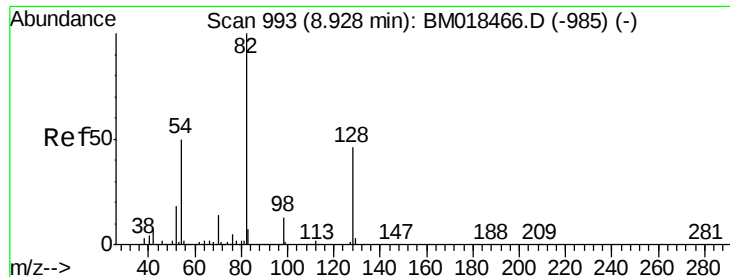
#22
Acetophenone
Concen: 37.38 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:105	Resp:	826137
Ion Ratio	Lower	Upper
105	100	
71	1.1	1.7 2.5#
51	26.3	22.6 34.0
120	22.7	18.3 27.5



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

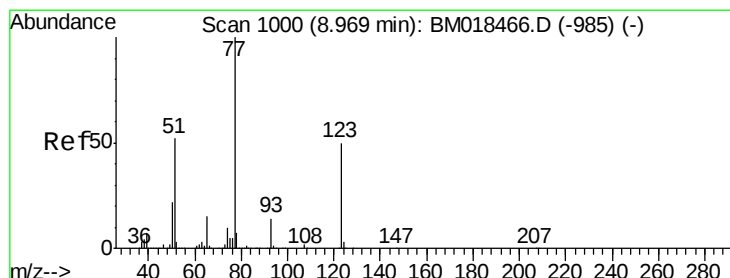
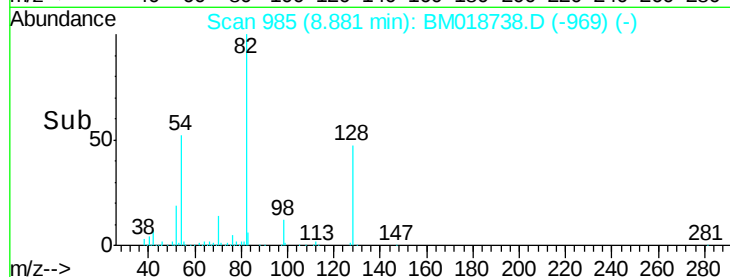
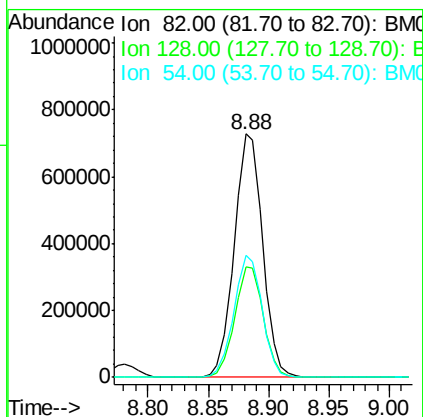
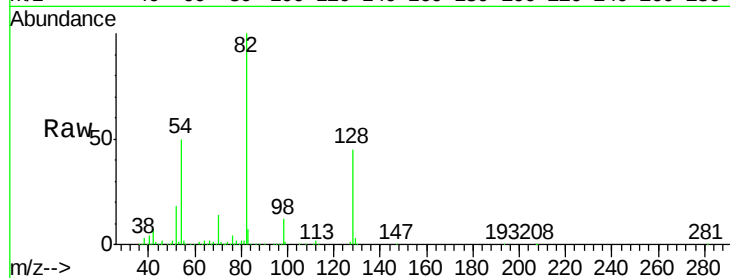




#23
 Nitrobenzene-d5
 Concen: 77.75 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

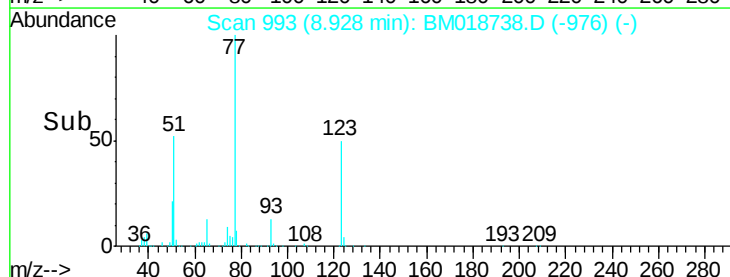
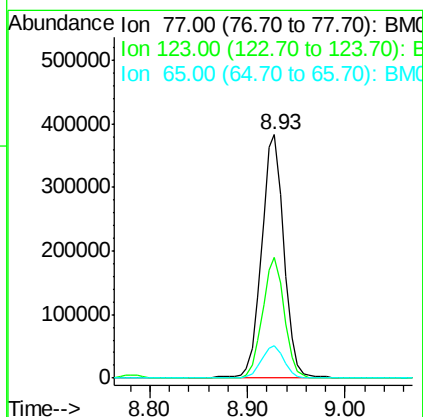
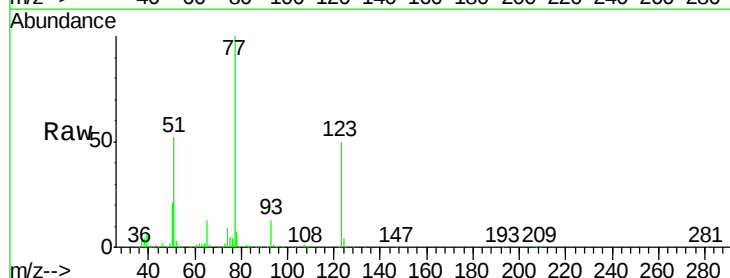
Instrument :
 BNA_M
 ClientSampleID :
 PB116909BS

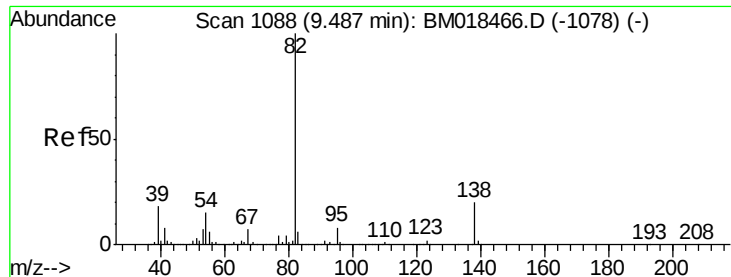
Tot Ion	82	Resp	1198246
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	50.1	41.7	62.5



#24
 Nitrobenzene
 Concen: 40.64 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	77	Resp	616267
Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.7	56.5
65	13.3	11.0	16.6





#25

Isophorone

Concen: 44.11 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

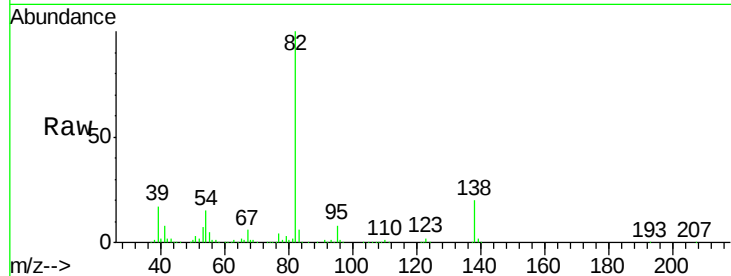
Tot Ion: 82 Resp: 1029367

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

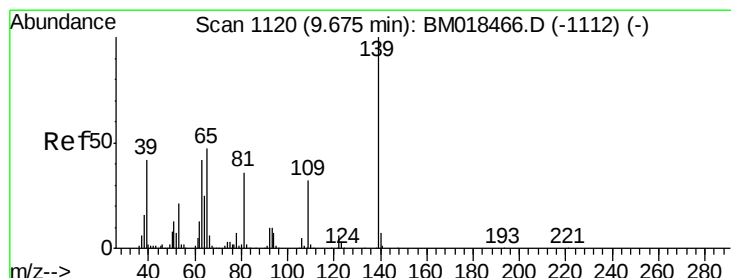
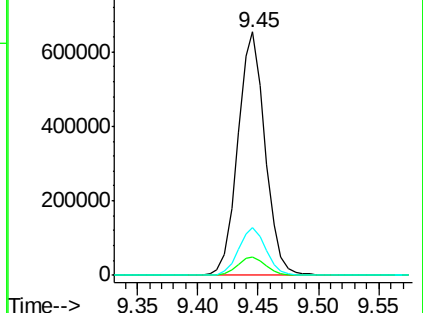
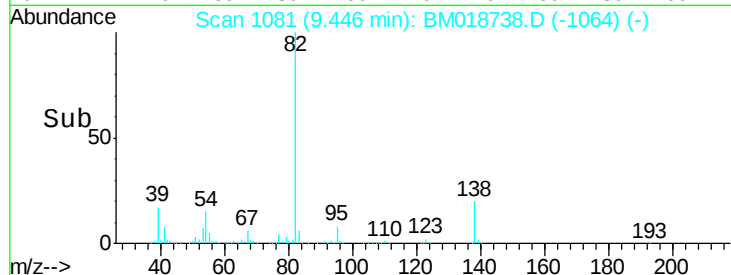
138 19.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 43.03 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

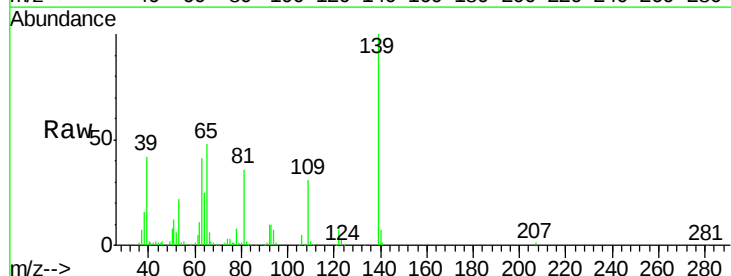
Tgt Ion: 139 Resp: 315508

Ion Ratio Lower Upper

139 100

109 30.9 23.4 35.2

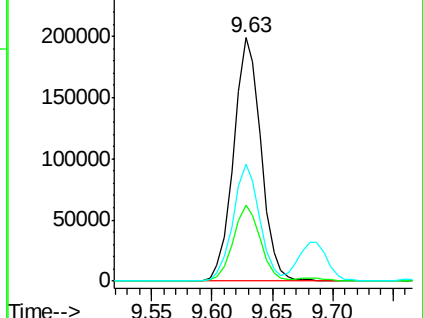
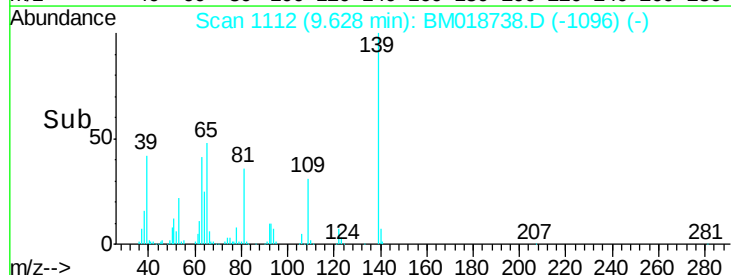
65 47.8 39.4 59.2

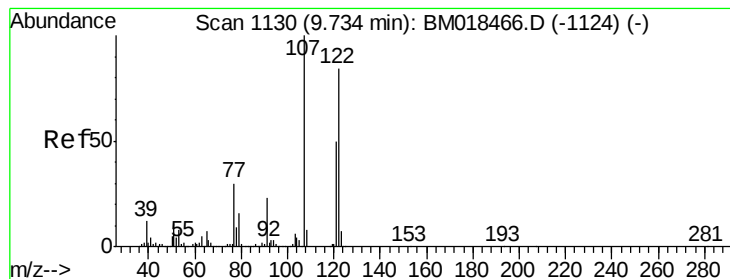


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 46.60 ng

RT: 9.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

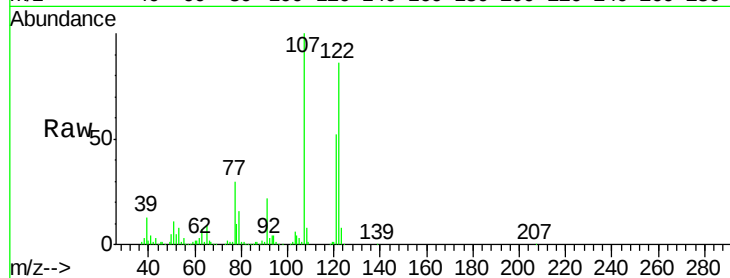
Tot Ion:122 Resp: 512214

Ion Ratio Lower Upper

122 100

107 115.8 91.9 137.9

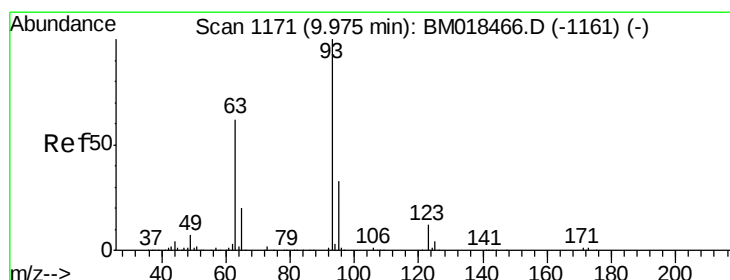
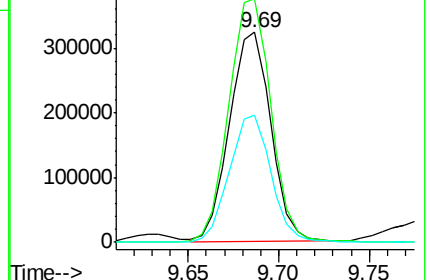
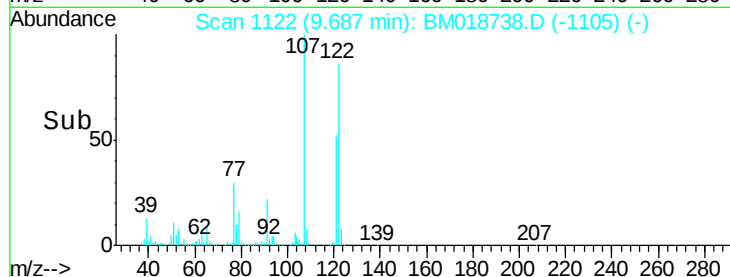
121 60.6 47.5 71.3



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: 40.88 ng

RT: 9.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

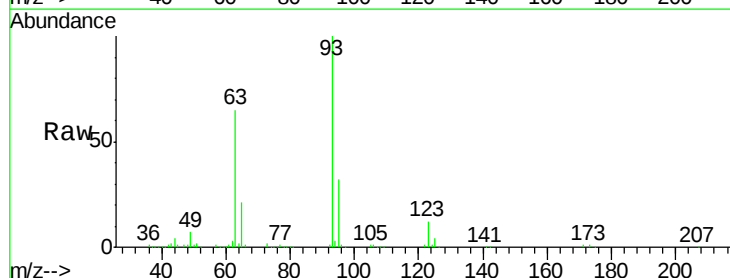
Tgt Ion: 93 Resp: 659118

Ion Ratio Lower Upper

93 100

95 32.0 26.6 39.8

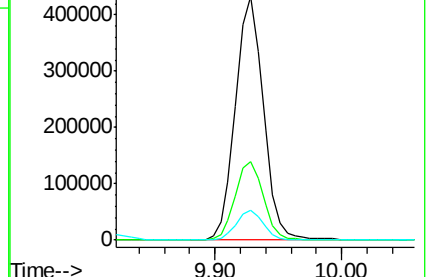
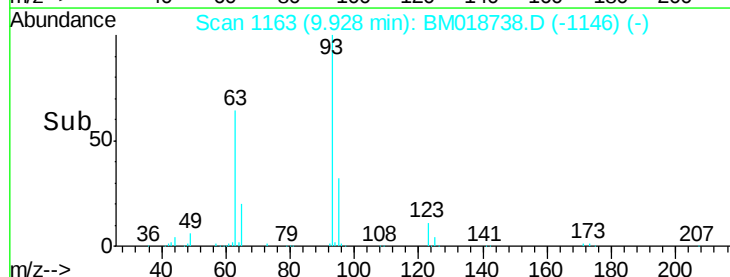
123 12.3 9.9 14.9

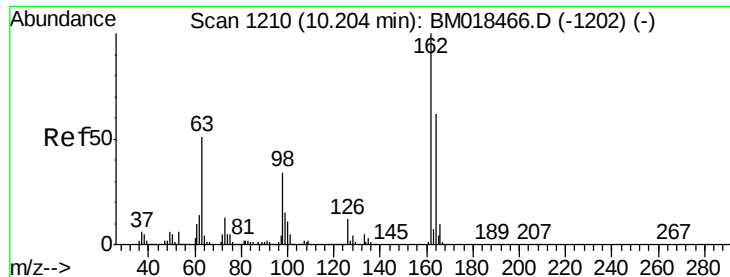


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

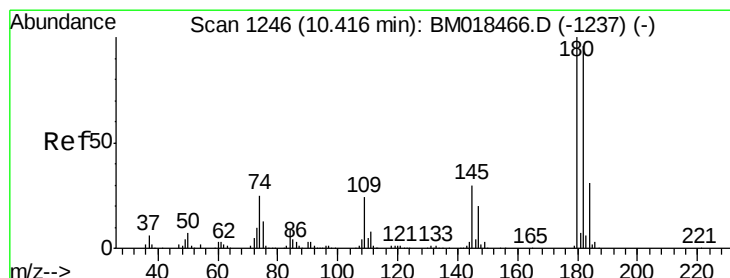
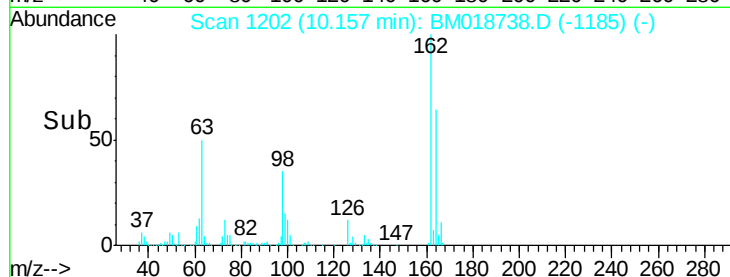
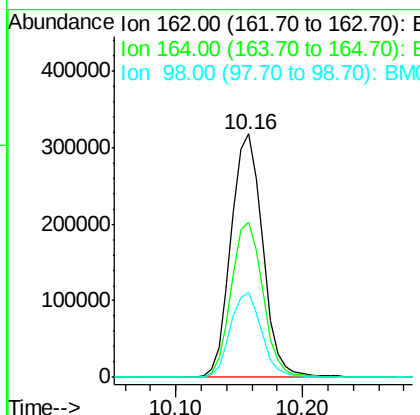
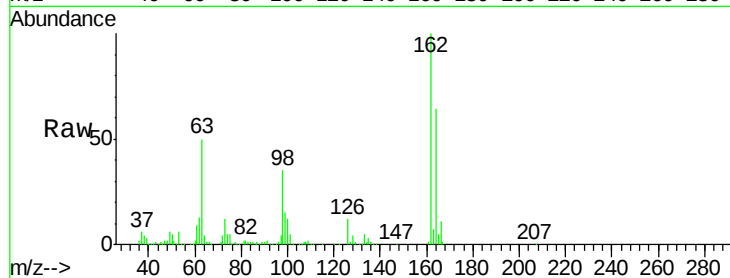




#29
2,4-Dichlorophenol
Concen: 41.95 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

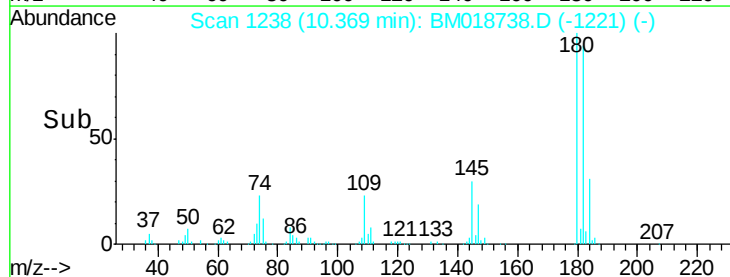
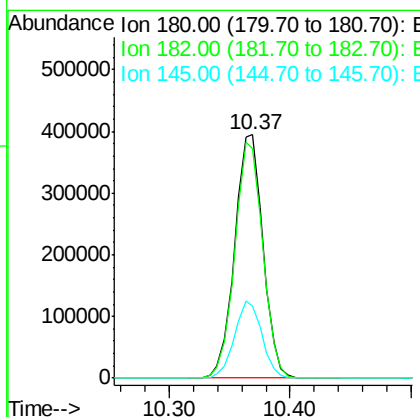
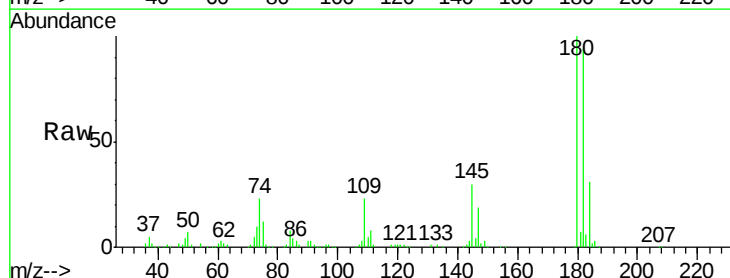
Instrument :
BNA_M
ClientSampleId :
PB116909BS

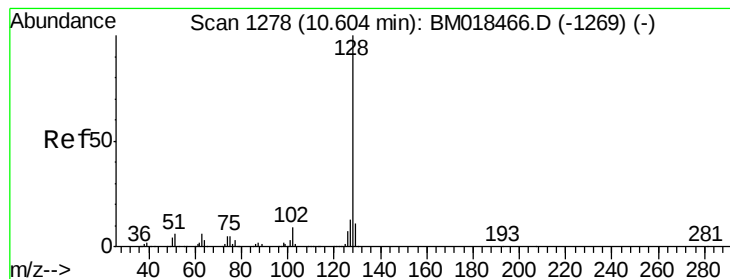
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	45.6	85.6
98	34.6	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 39.64 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.4	116.2
145	29.6	24.6	37.0

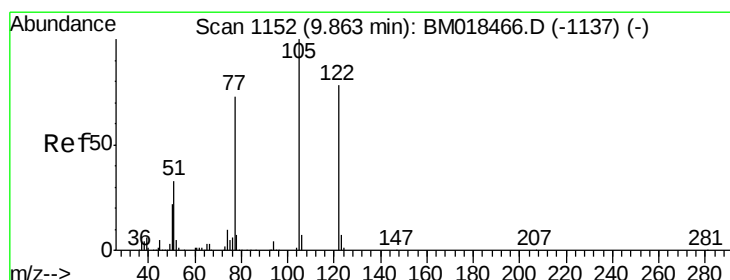
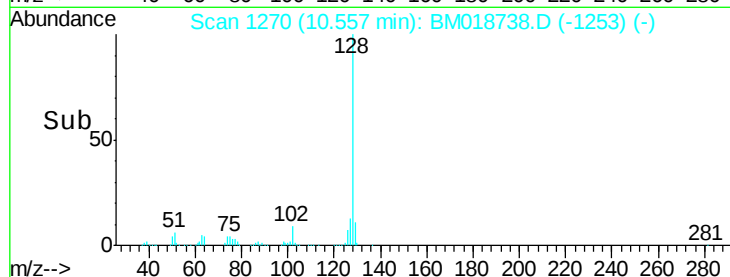
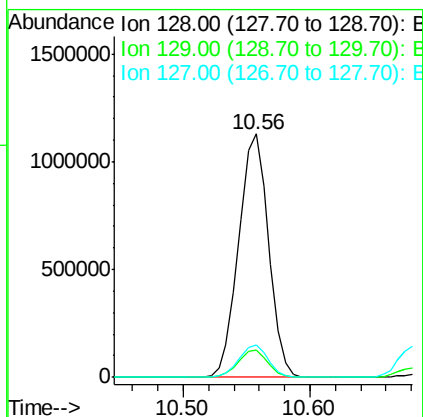
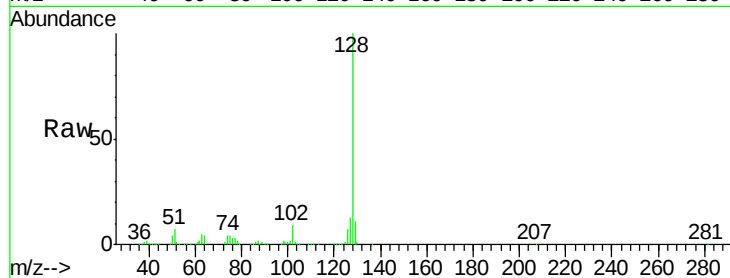




#31
Naphthalene
Concen: 42.97 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

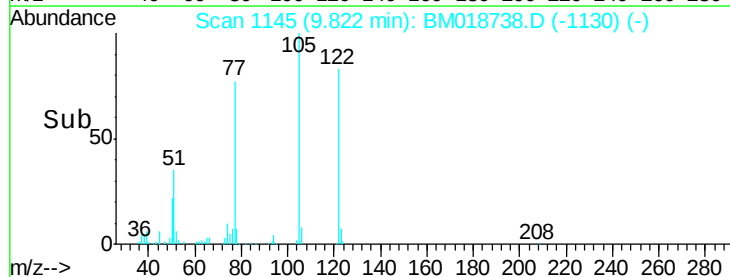
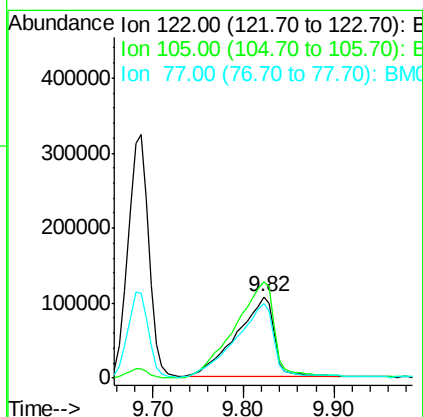
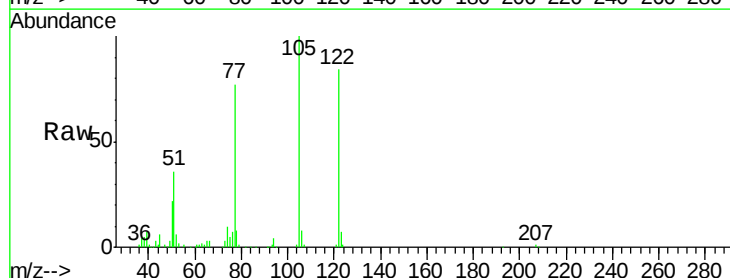
Instrument :
BNA_M
ClientSampleId :
PB116909BS

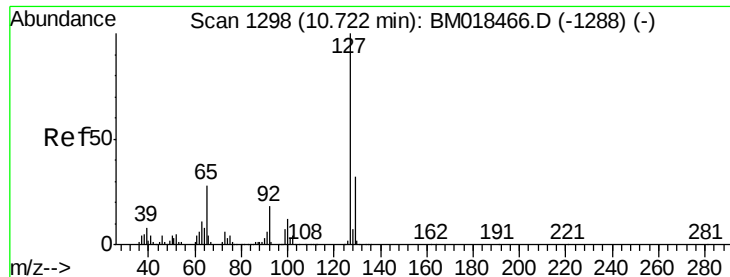
Tot Ion:128 Resp: 1849088
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 41.81 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:122 Resp: 302232
Ion Ratio Lower Upper
122 100
105 119.2 100.4 140.4
77 92.1 71.7 111.7

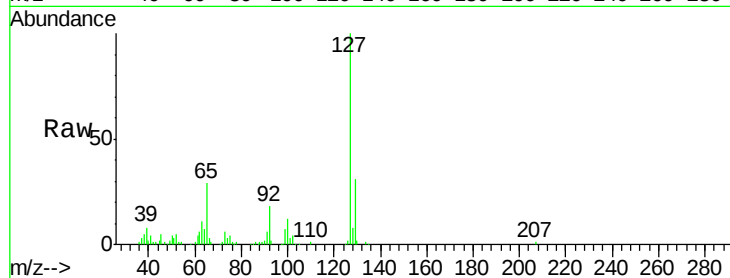




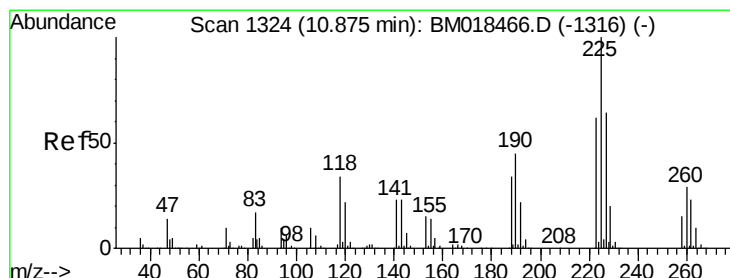
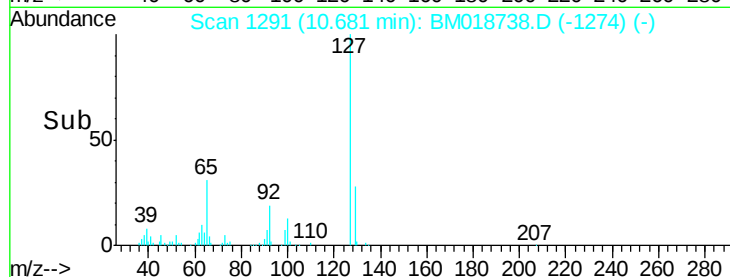
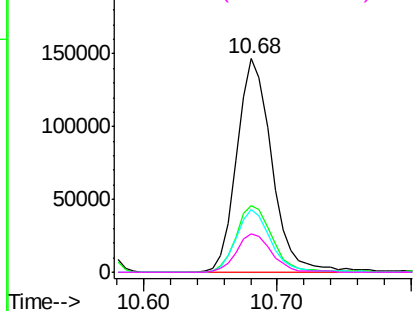
#33
4-Chloroaniline
Concen: 15.69 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion:	127	Resp:	265885
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	29.5	23.4	35.2
92	18.2	14.5	21.7

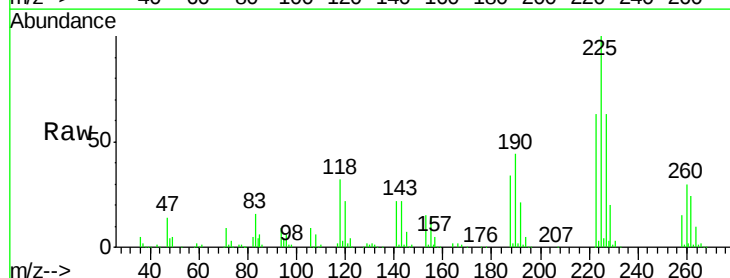


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

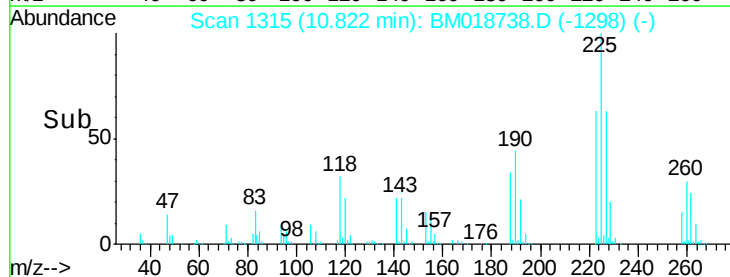
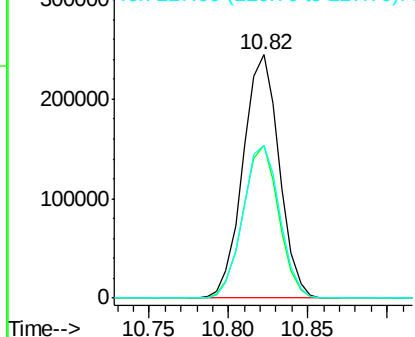


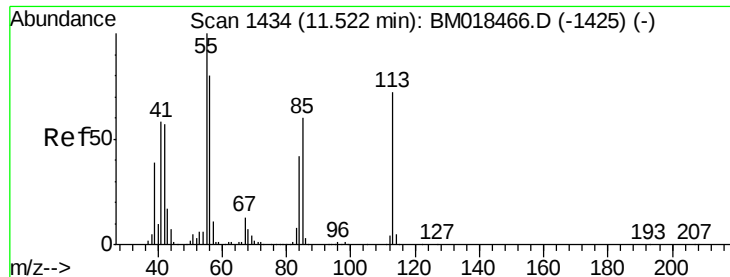
#34
Hexachlorobutadiene
Concen: 37.86 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:	225	Resp:	388541
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.8	76.2
227	62.7	50.4	75.6



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

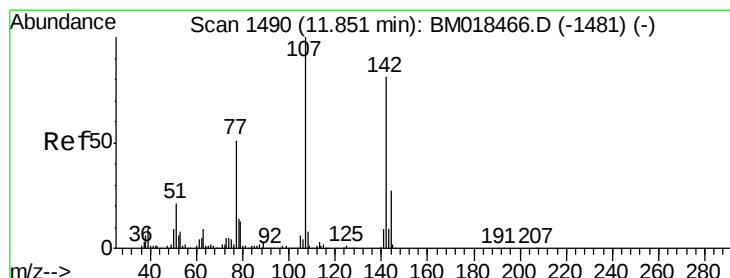
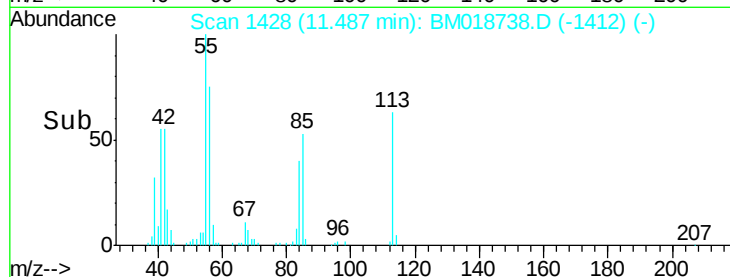
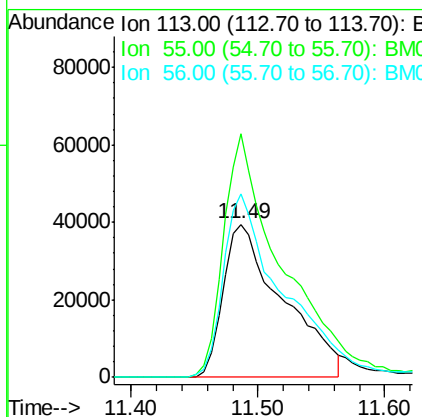
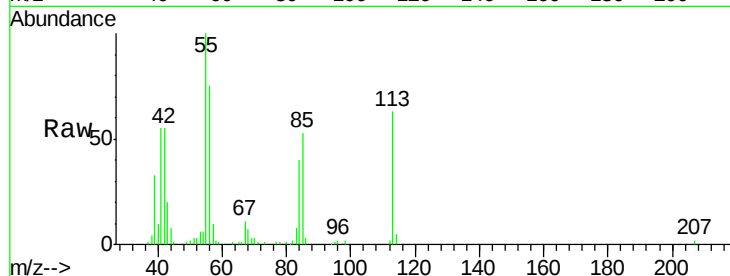




#35
Caprolactam
Concen: 29.00 ng
RT: 11.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

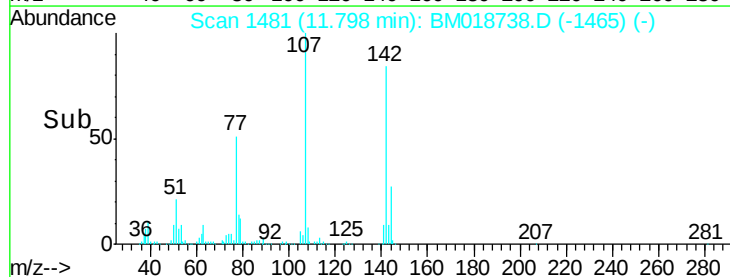
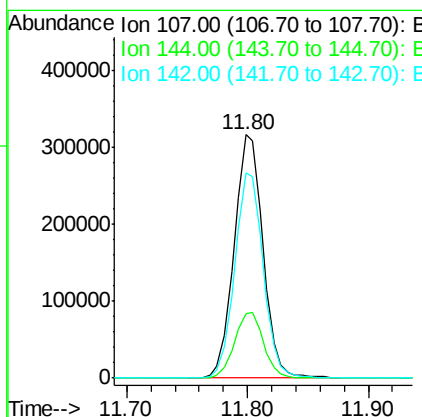
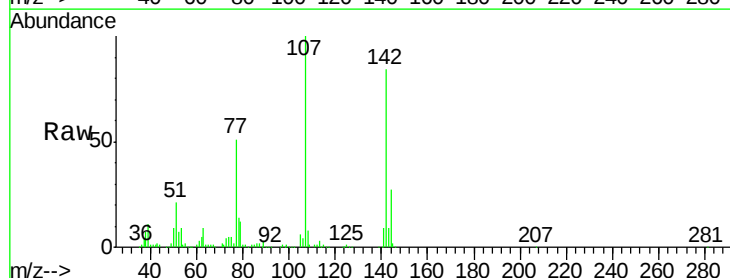
Instrument :
BNA_M
ClientSampleId :
PB116909BS

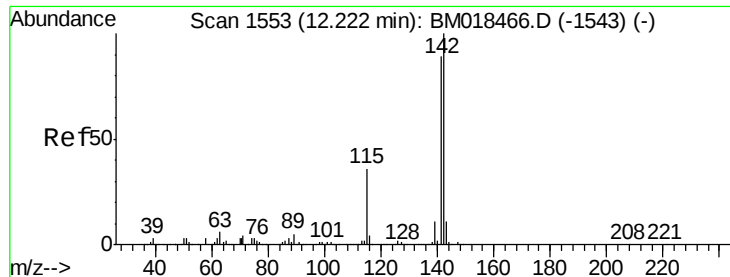
Tot Ion:113 Resp: 129021
Ion Ratio Lower Upper
113 100
55 159.1 139.3 179.3
56 119.6 101.4 141.4



#36
4-Chloro-3-methylphenol
Concen: 38.37 ng
RT: 11.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:107 Resp: 526891
Ion Ratio Lower Upper
107 100
144 26.5 21.9 32.9
142 84.3 67.9 101.9

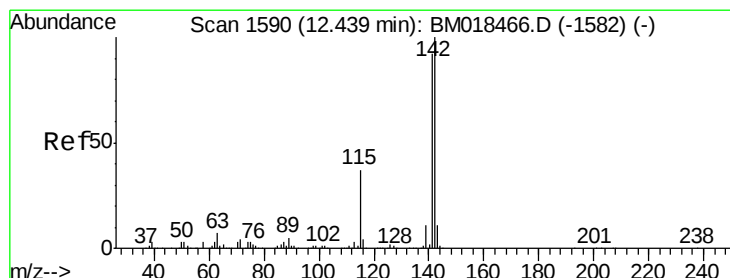
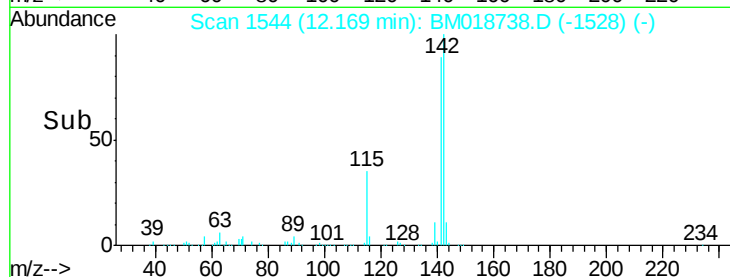
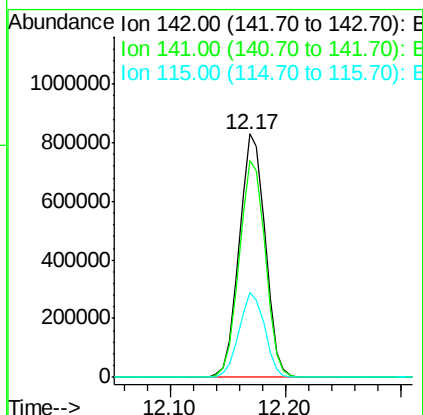
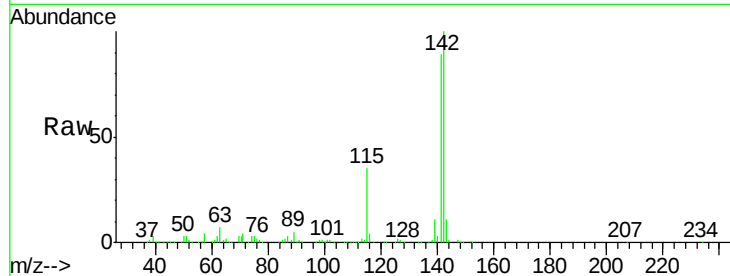




#37
2-Methylnaphthalene
Concen: 42.59 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

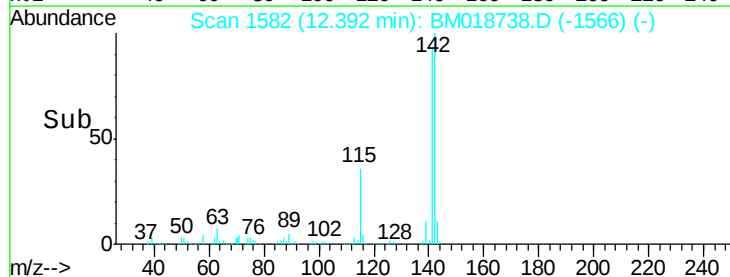
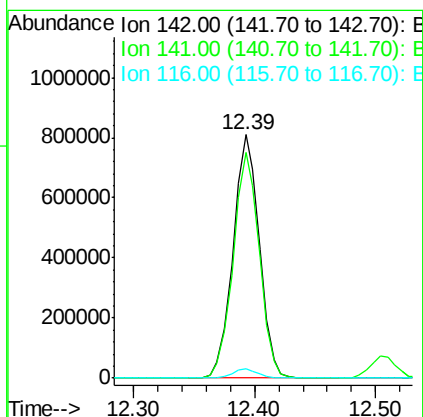
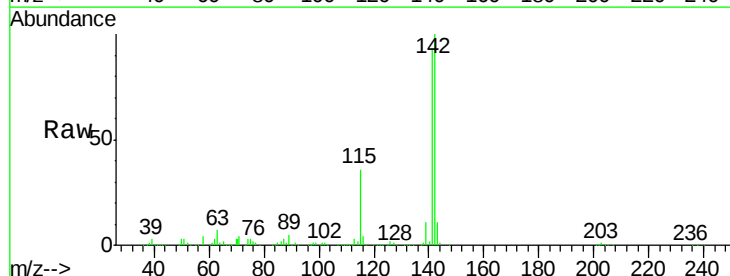
Instrument :
BNA_M
ClientSampleId :
PB116909BS

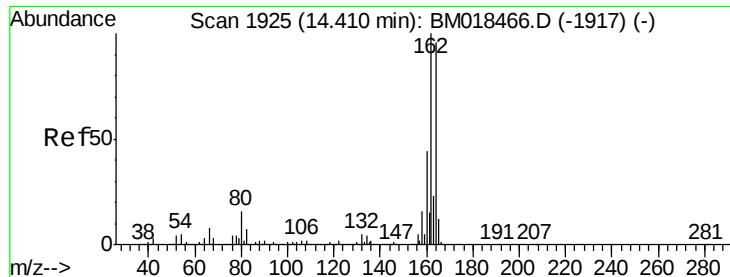
Tot Ion:142 Resp: 1294816
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 35.0 28.0 42.0



#38
1-Methylnaphthalene
Concen: 41.47 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:142 Resp: 1219846
Ion Ratio Lower Upper
142 100
141 92.8 75.6 113.4
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

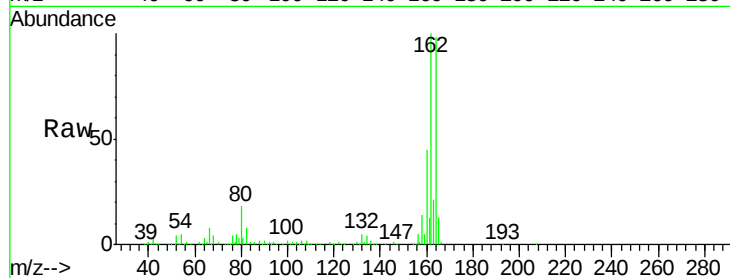
Tot Ion:164 Resp: 445765

Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.4

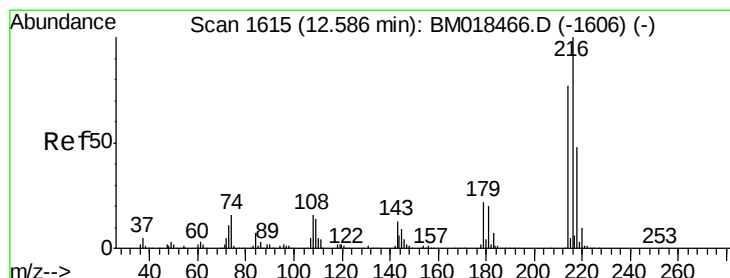
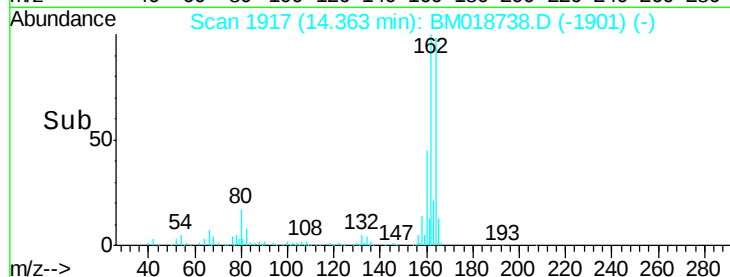
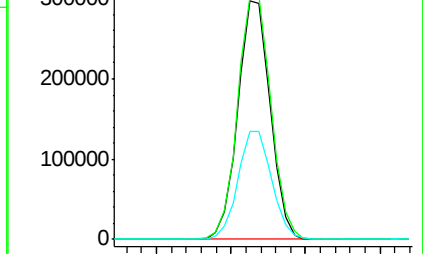
160 45.3 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.64 ng

RT: 12.54 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:216 Resp: 664692

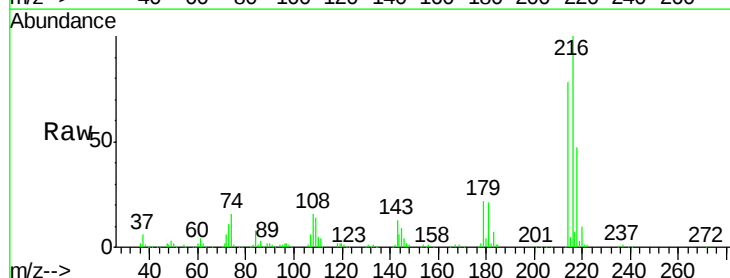
Ion Ratio Lower Upper

216 100

214 77.6 63.4 95.0

179 22.1 17.9 26.9

108 19.9 15.8 23.6

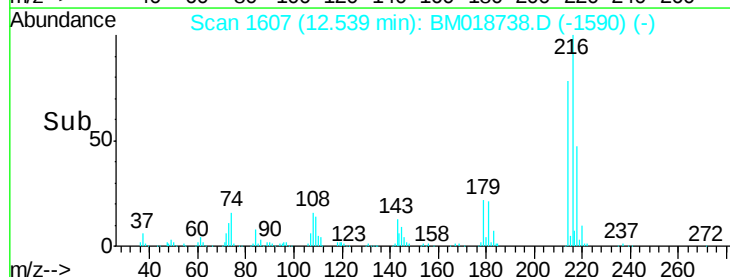
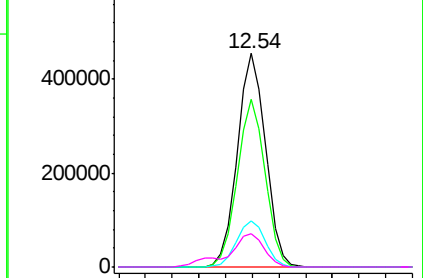


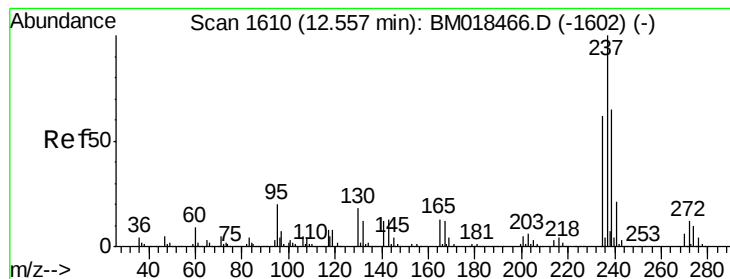
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.65 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

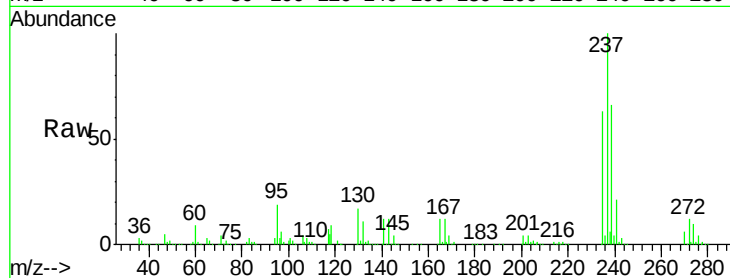
Tot Ion:237 Resp: 878171

Ion Ratio Lower Upper

237 100

235 62.6 42.8 82.8

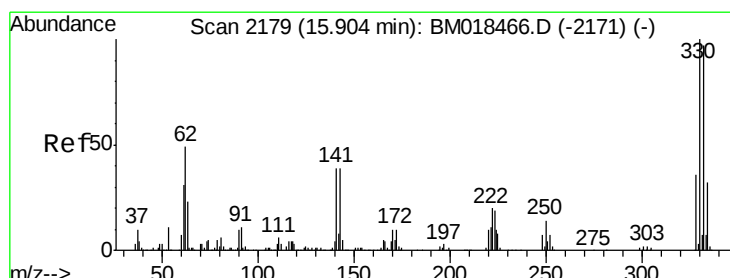
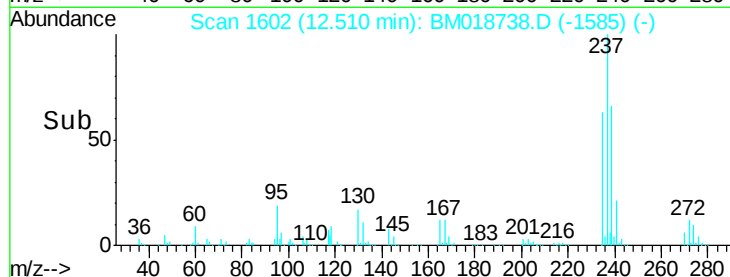
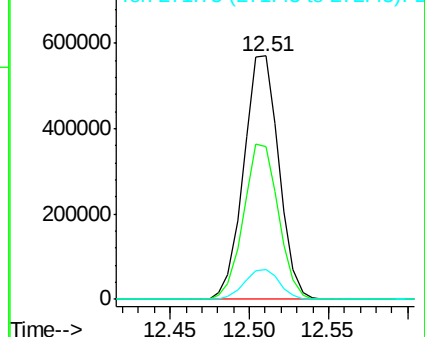
272 12.4 0.0 31.9



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: 139.82 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

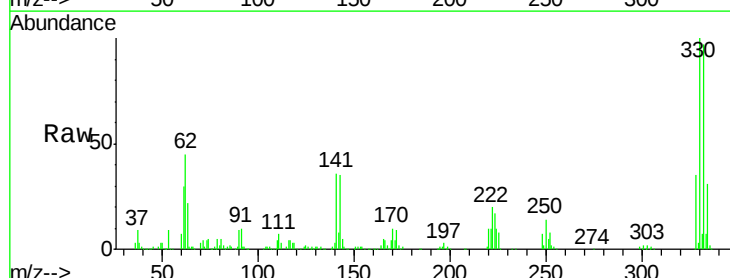
Tgt Ion:330 Resp: 793570

Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

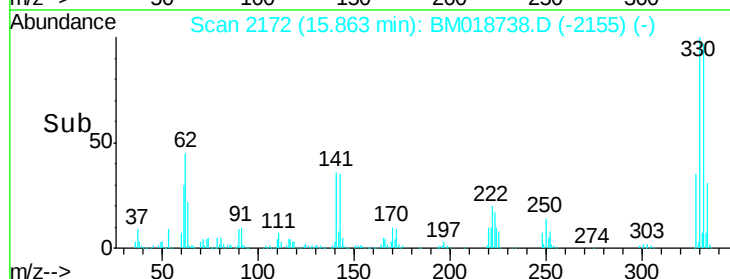
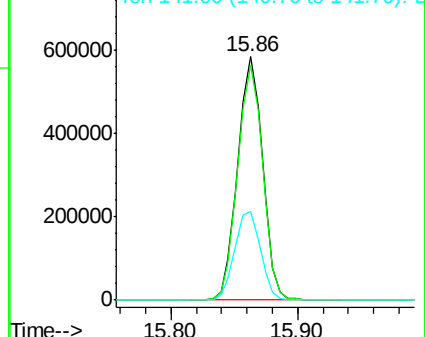
141 37.7 31.7 47.5

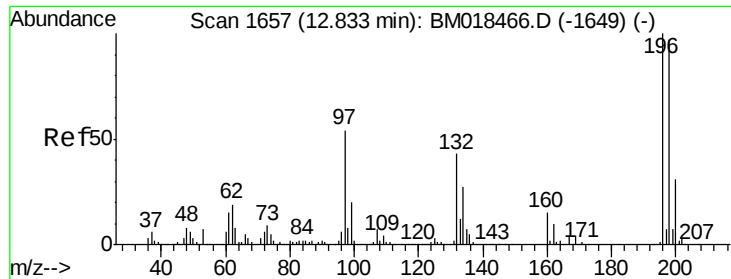


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

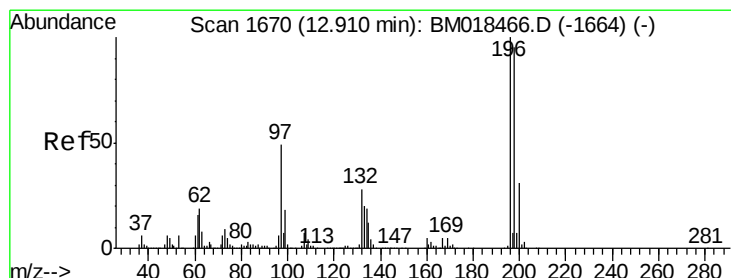
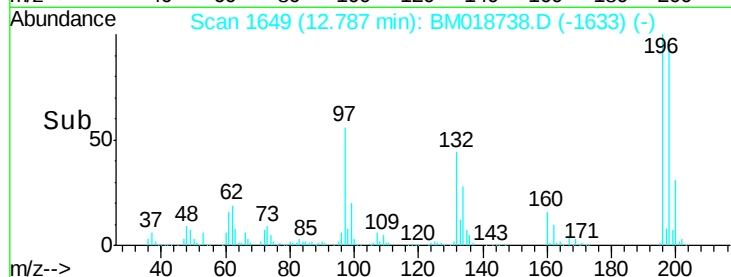
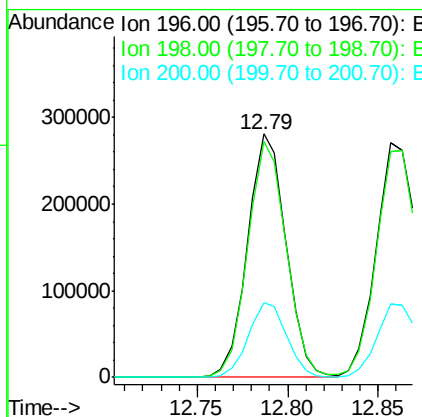
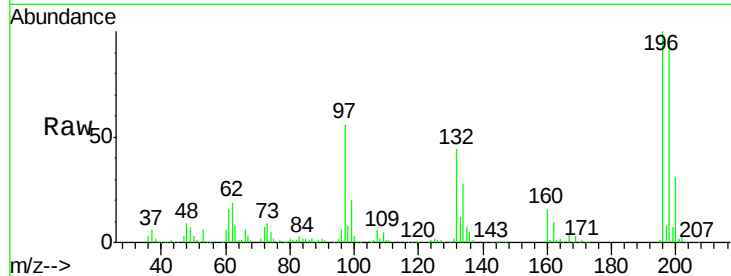




#43
 2,4,6-Trichlorophenol
 Concen: 43.94 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

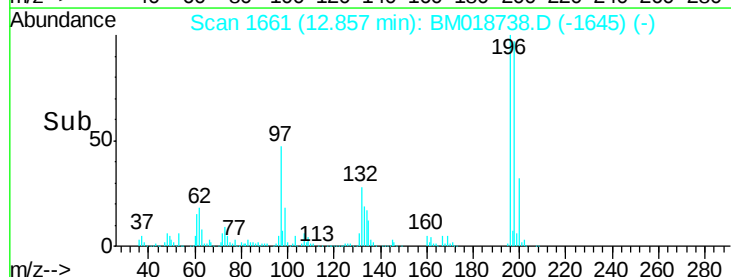
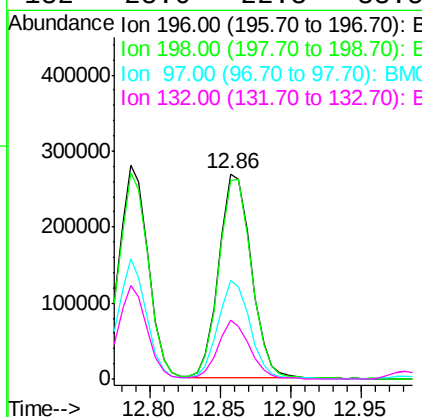
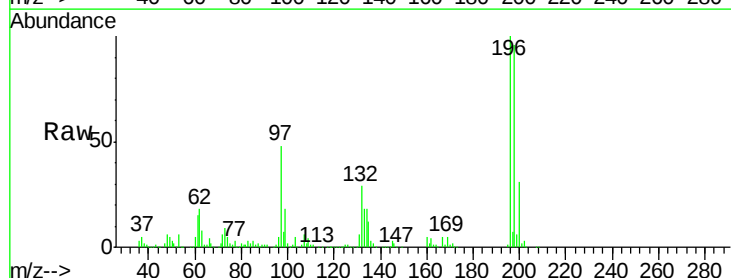
Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

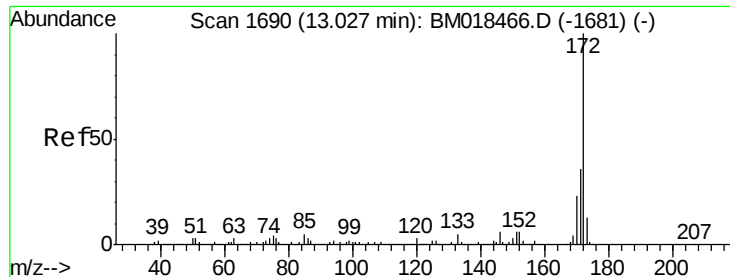
Tot Ion:196 Resp: 415978
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.6 115.0
 200 30.9 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.52 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion:196 Resp: 433245
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.7 115.1
 97 48.1 39.2 58.8
 132 28.6 22.3 33.5

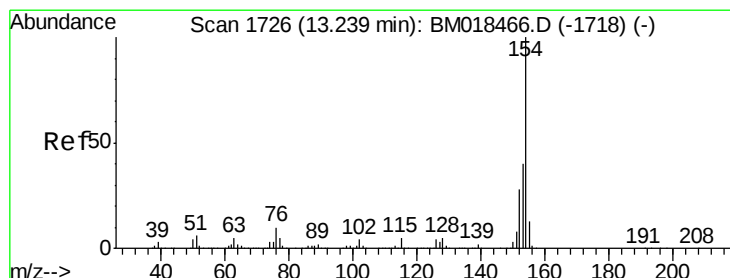
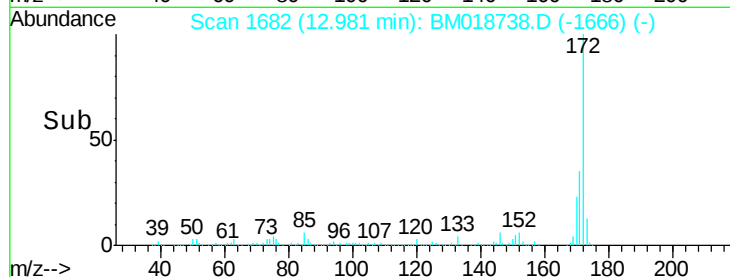
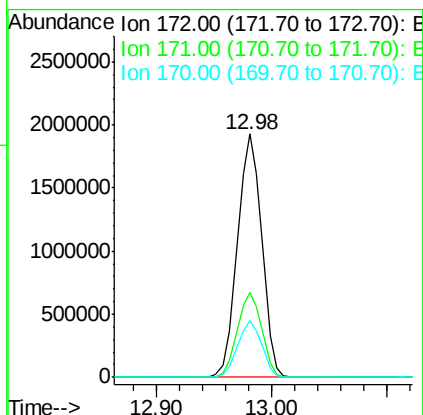
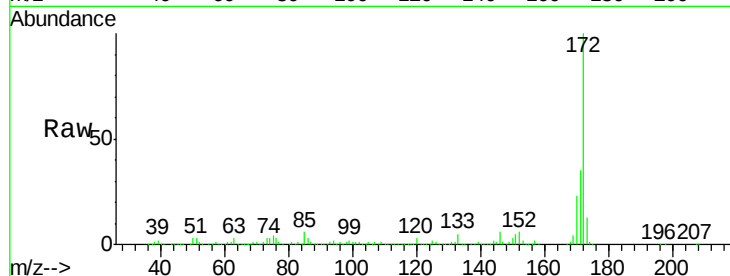




#45
2-Fluorobiphenyl
Concen: 81.83 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

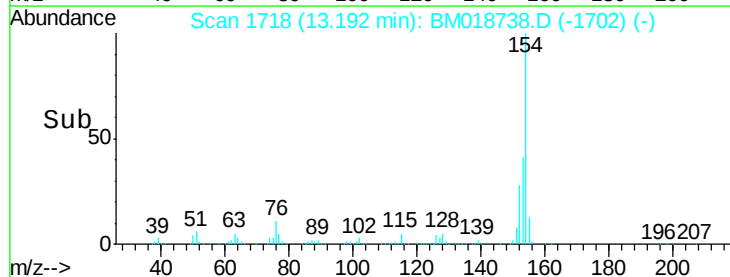
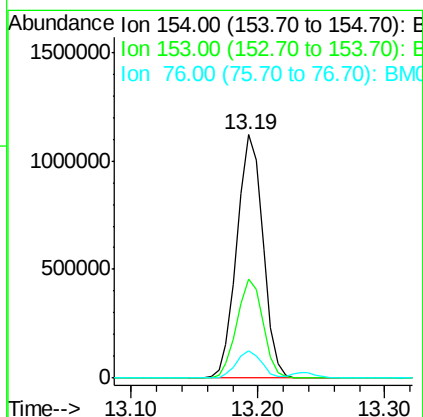
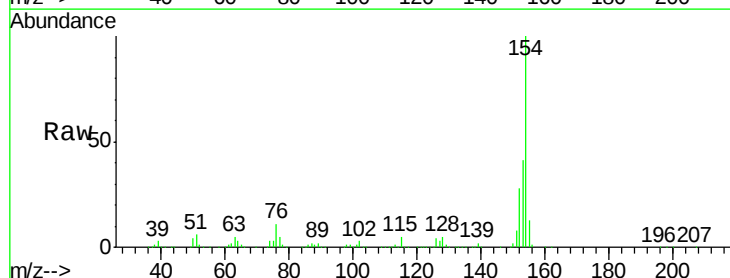
Instrument :
BNA_M
ClientSampleId :
PB116909BS

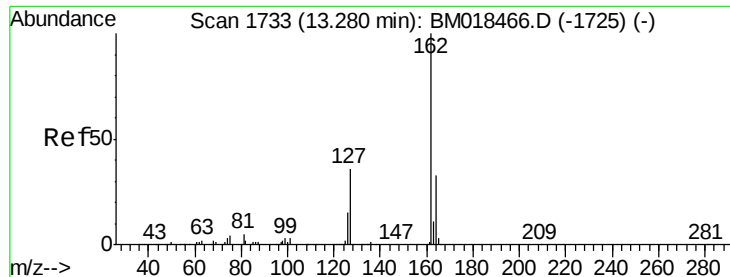
Tot Ion:172 Resp: 2795609
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.07 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:154 Resp: 1598396
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 11.3 0.0 31.9

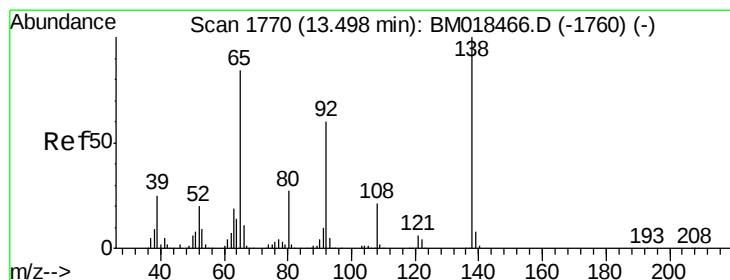
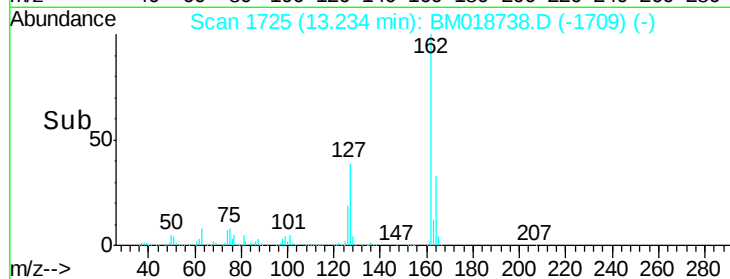
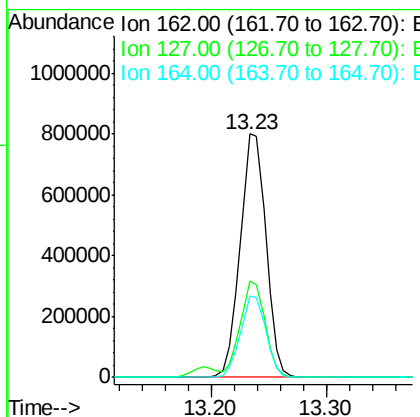
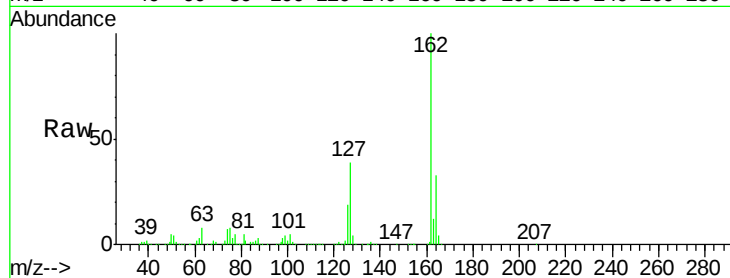




#47
 2-Chloronaphthalene
 Concen: 41.17 ng
 RT: 13.23 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

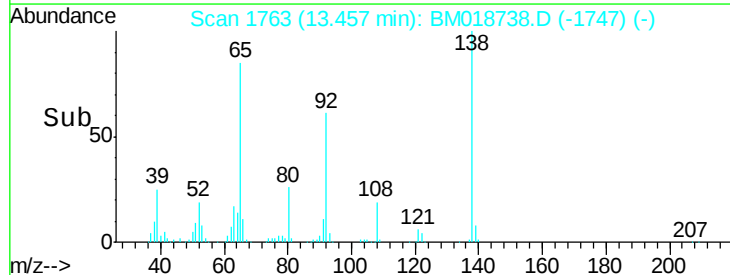
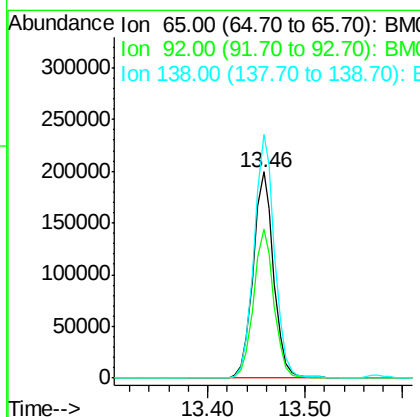
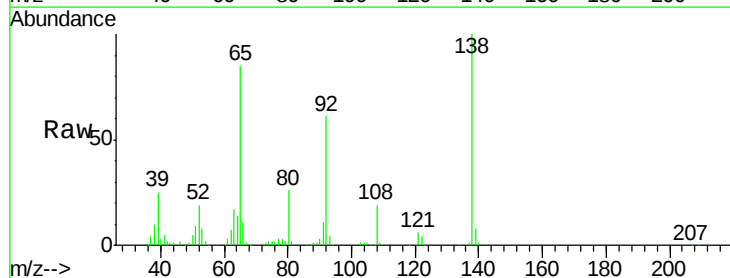
Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

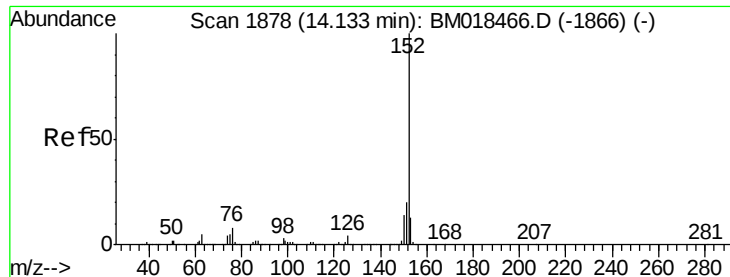
Tot Ion:162 Resp: 1242646
 Ion Ratio Lower Upper
 162 100
 127 39.4 31.4 47.0
 164 33.2 26.2 39.4



#48
 2-Nitroaniline
 Concen: 39.82 ng
 RT: 13.46 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion: 65 Resp: 295656
 Ion Ratio Lower Upper
 65 100
 92 72.2 53.4 80.2
 138 118.1 88.9 133.3





#49

Acenaphthylene

Concen: 43.61 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

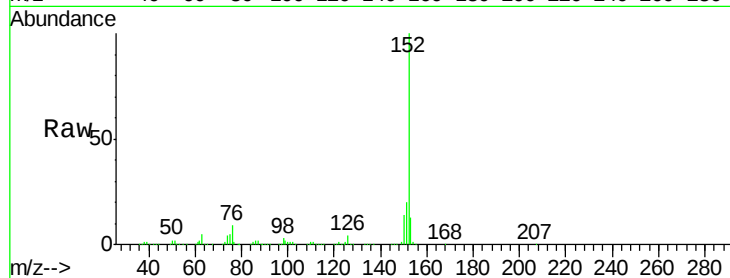
Tot Ion:152 Resp: 1918073

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

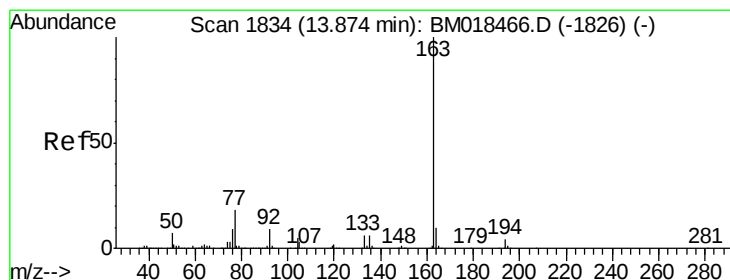
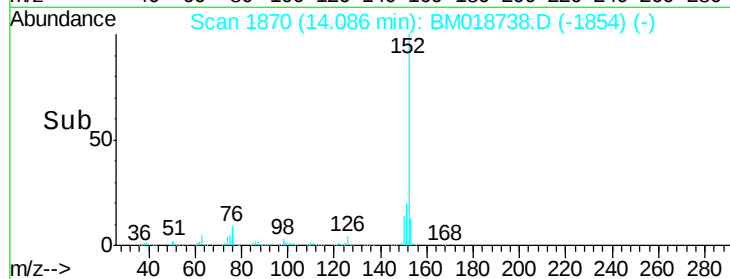
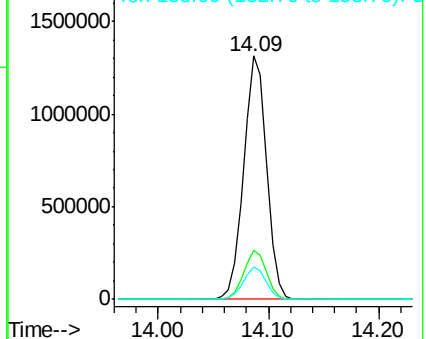
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.81 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

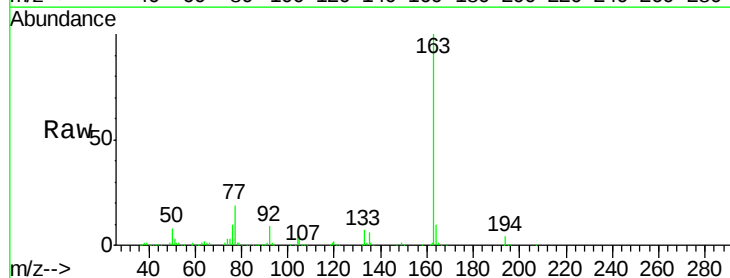
Tgt Ion:163 Resp: 1420762

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

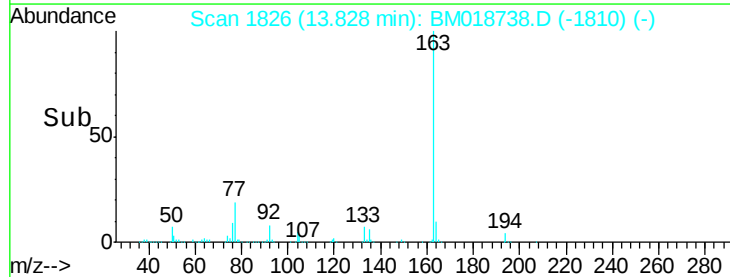
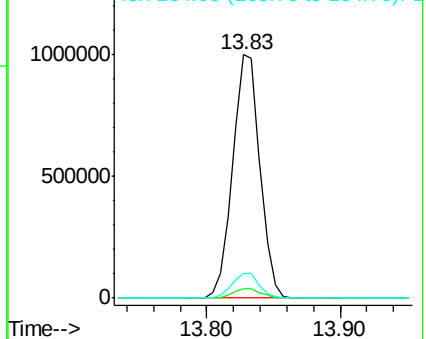
164 10.3 7.8 11.8

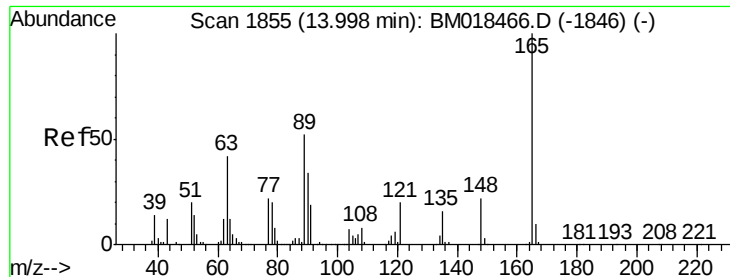


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

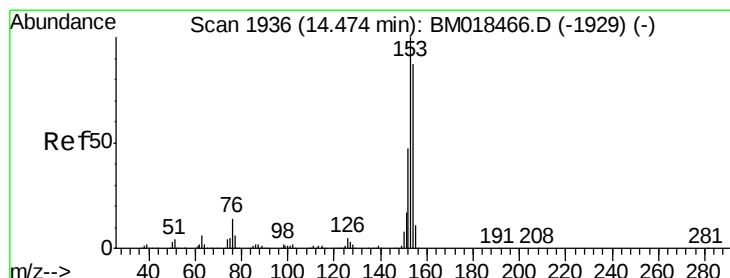
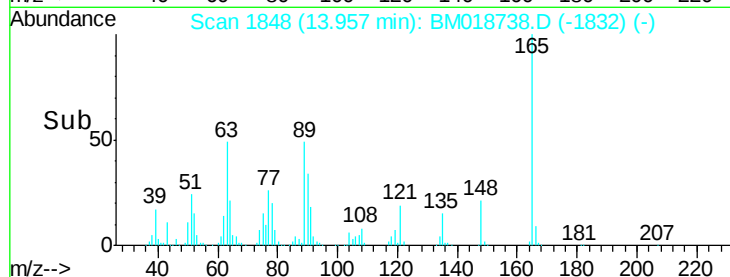
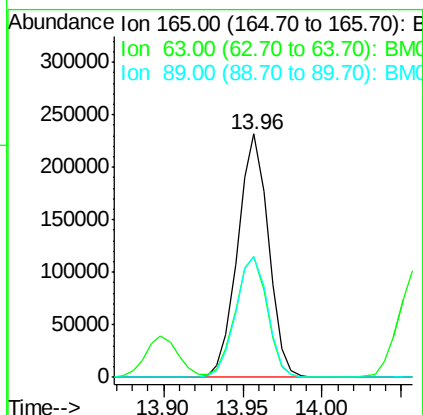
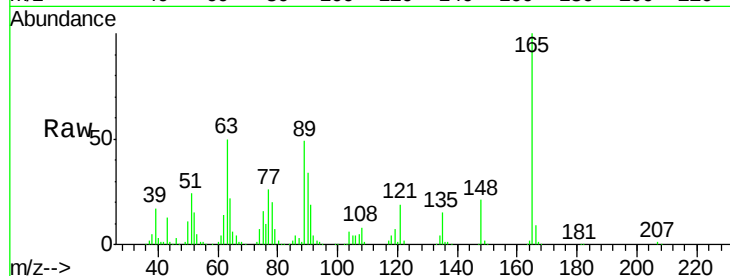




#51
2,6-Dinitrotoluene
Concen: 40.23 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

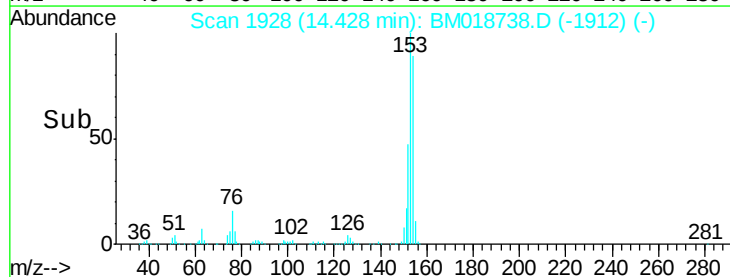
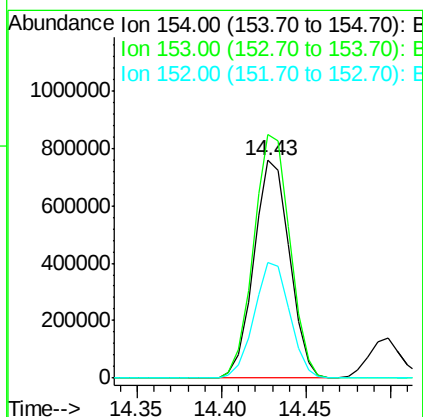
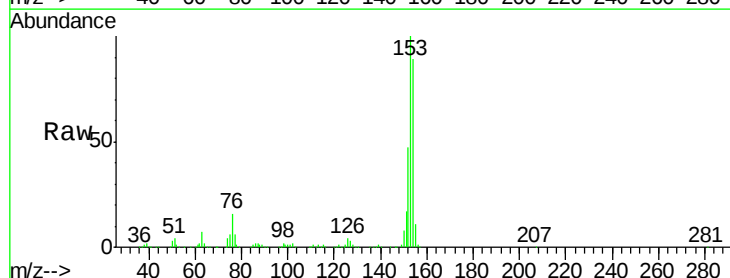
Instrument :
BNA_M
ClientSampleId :
PB116909BS

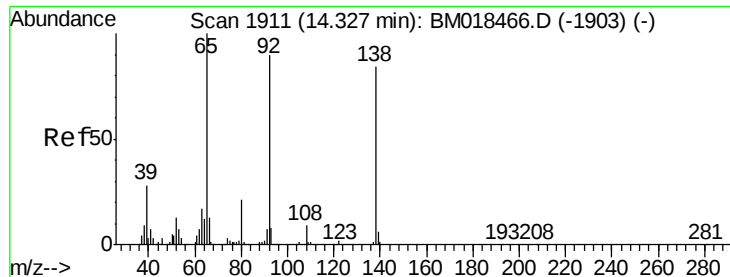
Tot Ion:165 Resp: 311972
Ion Ratio Lower Upper
165 100
63 49.6 45.6 68.4
89 49.4 44.6 66.8



#52
Acenaphthene
Concen: 41.35 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:154 Resp: 1112826
Ion Ratio Lower Upper
154 100
153 111.8 92.3 138.5
152 52.9 43.8 65.6

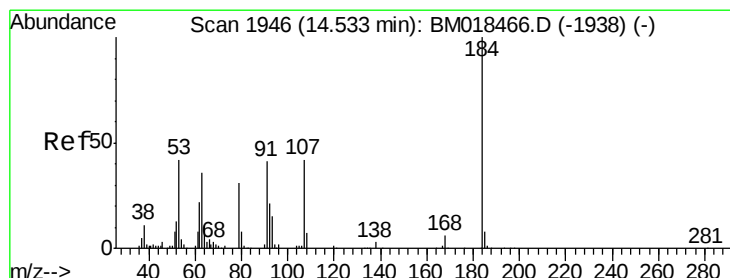
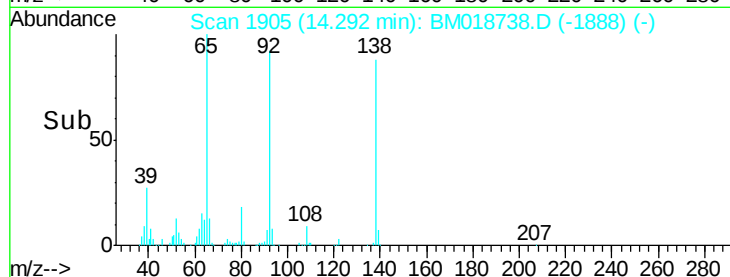
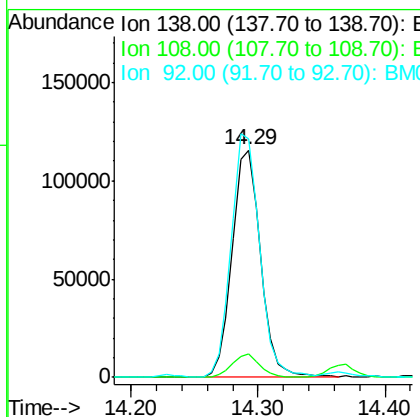
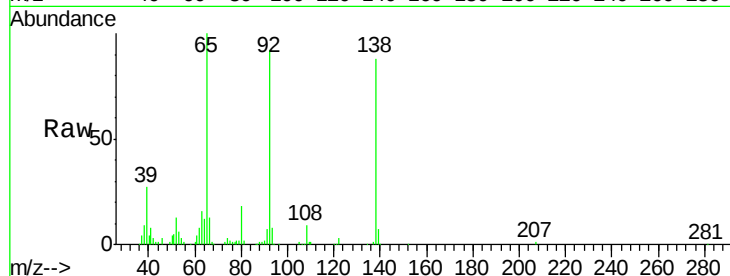




#53
3-Nitroaniline
Concen: 22.94 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

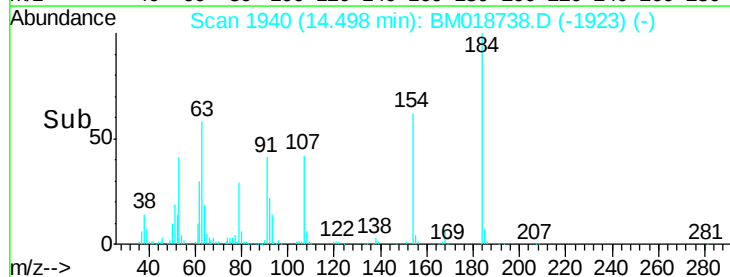
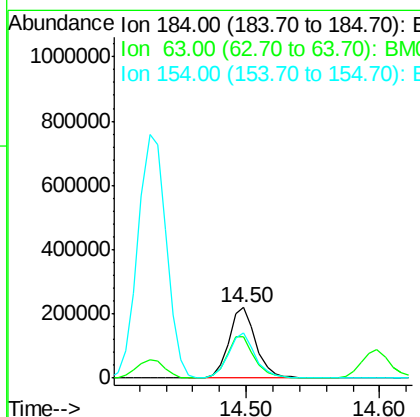
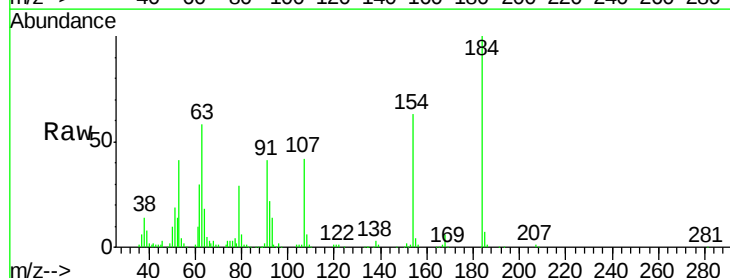
Instrument :
BNA_M
ClientSampleId :
PB116909BS

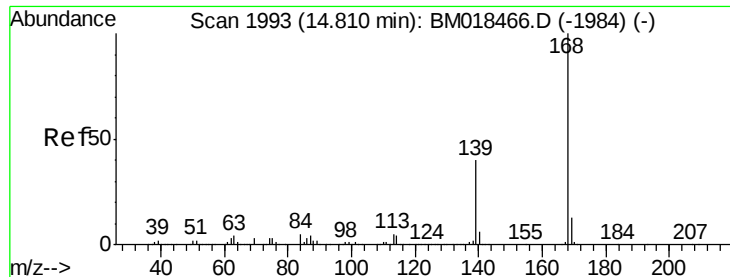
Tot Ion:138 Resp: 179361
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 105.1 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 74.67 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:184 Resp: 311249
Ion Ratio Lower Upper
184 100
63 58.4 55.9 83.9
154 63.4 54.2 81.4

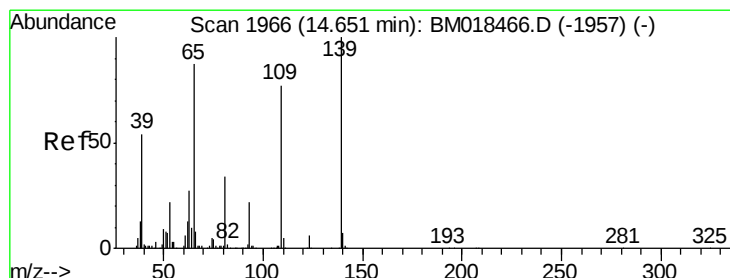
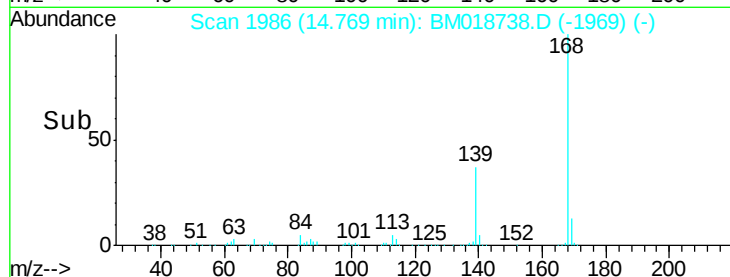
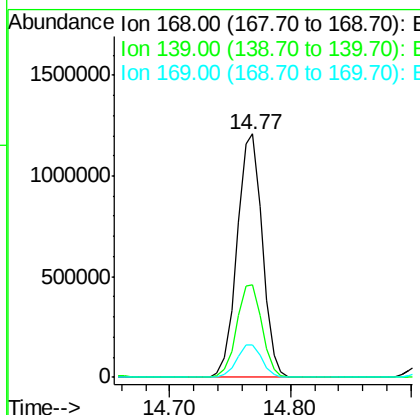
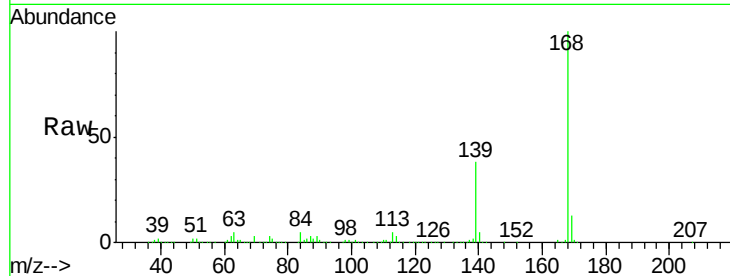




#55
Dibenzofuran
Concen: 39.51 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

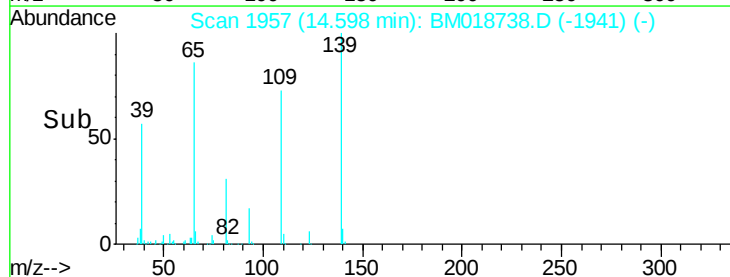
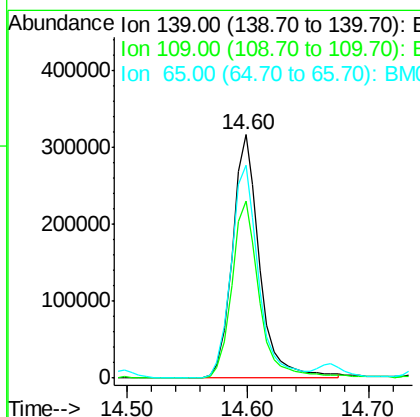
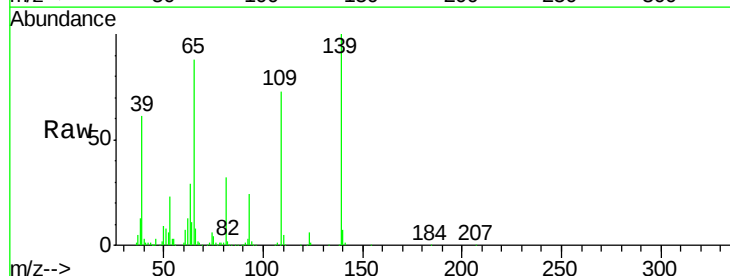
Instrument :
BNA_M
ClientSampleId :
PB116909BS

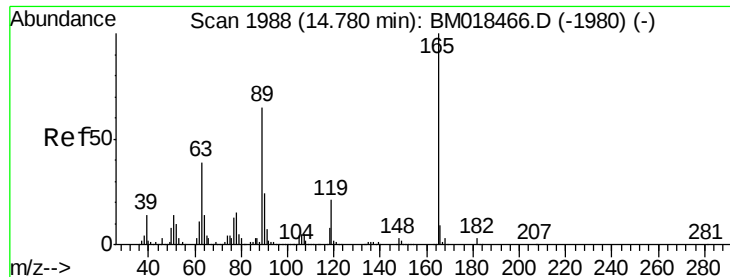
Tot Ion:168 Resp: 1757103
Ion Ratio Lower Upper
168 100
139 37.8 30.3 45.5
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 73.43 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:139 Resp: 495955
Ion Ratio Lower Upper
139 100
109 72.7 51.7 91.7
65 87.5 71.4 111.4

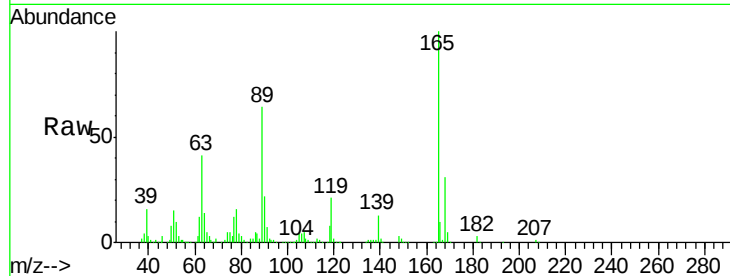




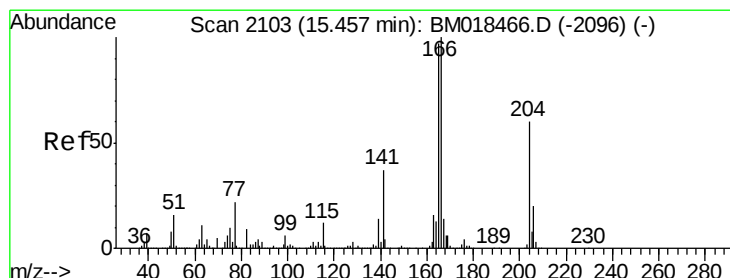
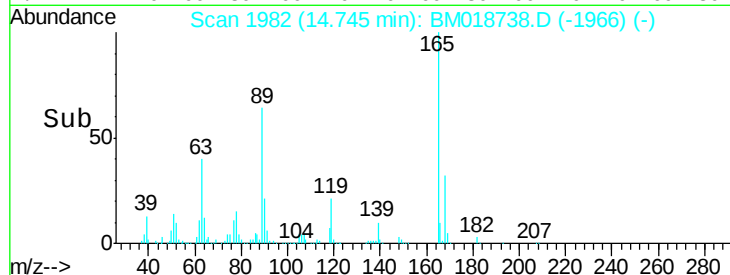
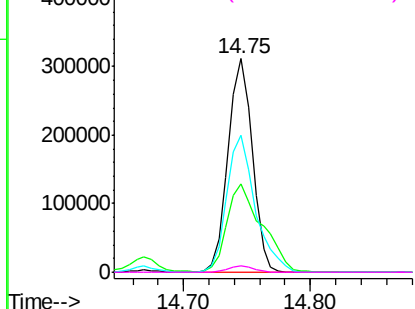
#57
2,4-Dinitrotoluene
Concen: 37.74 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion:165 Resp: 414039
Ion Ratio Lower Upper
165 100
63 41.4 32.2 48.2
89 64.2 52.1 78.1
182 2.9 2.5 3.7

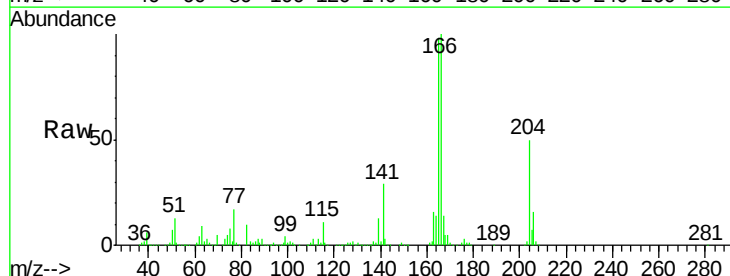


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

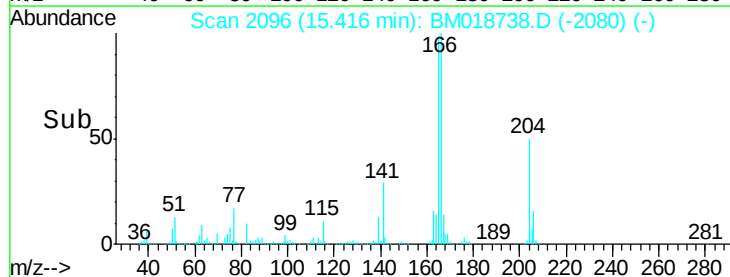
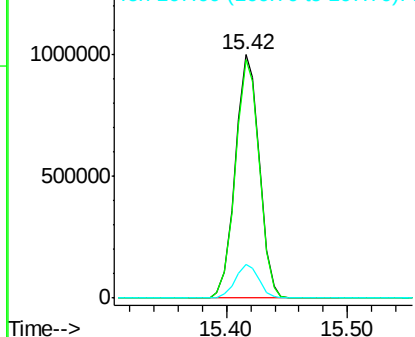


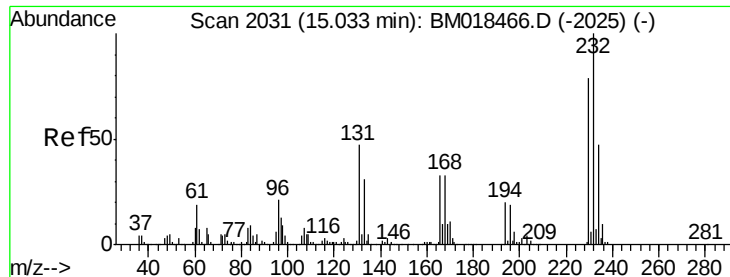
#58
Fluorene
Concen: 41.65 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:166 Resp: 1379794
Ion Ratio Lower Upper
166 100
165 98.0 78.3 117.5
167 13.7 10.9 16.3



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

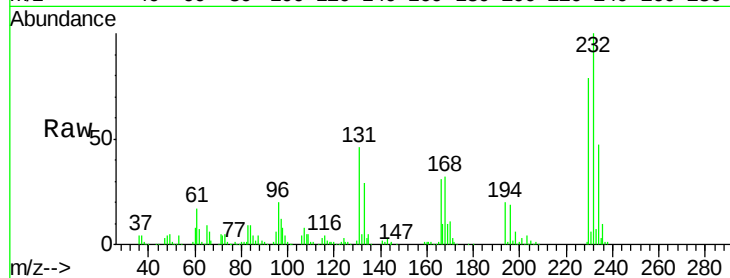




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.65 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	38.6	57.8
130	2.4	2.2	3.4
166	32.9	27.2	40.8



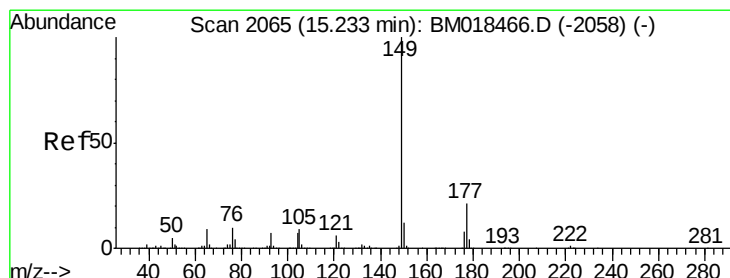
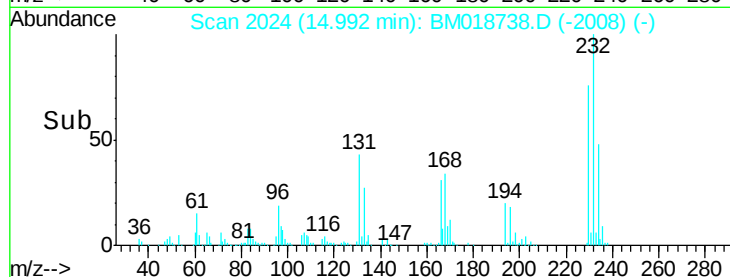
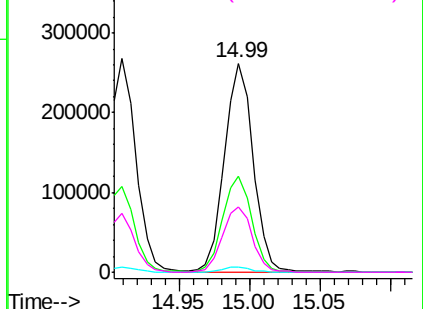
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

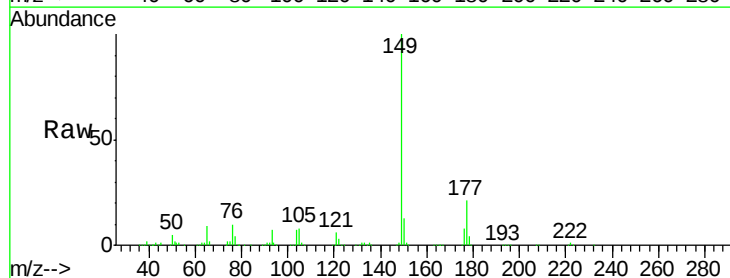
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.45 ng
 RT: 15.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.6	9.8	14.6

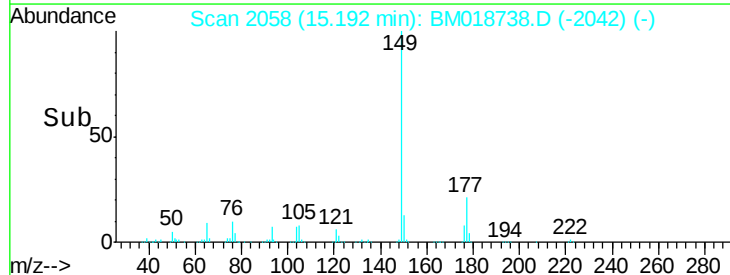
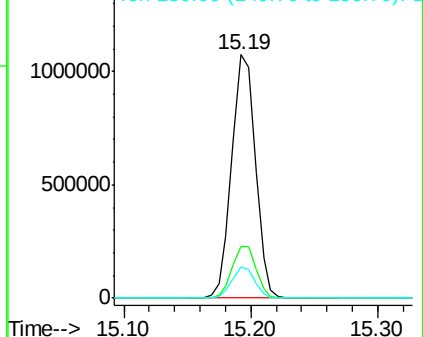


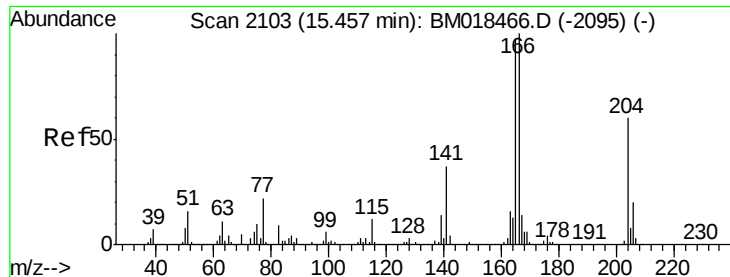
Abundance

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

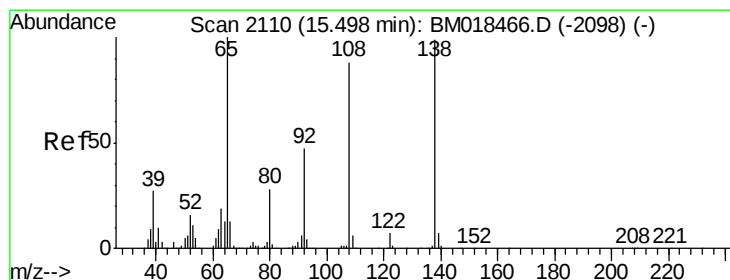
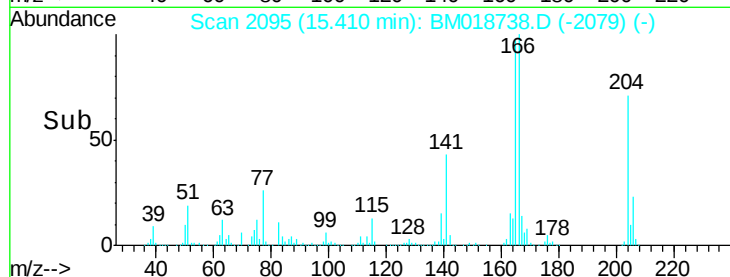
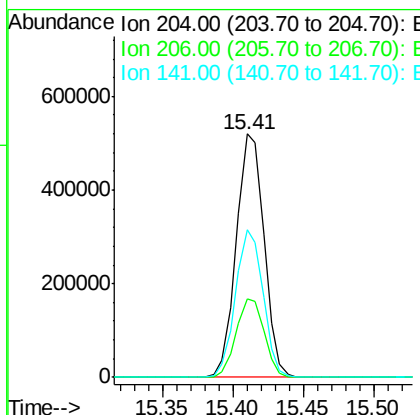
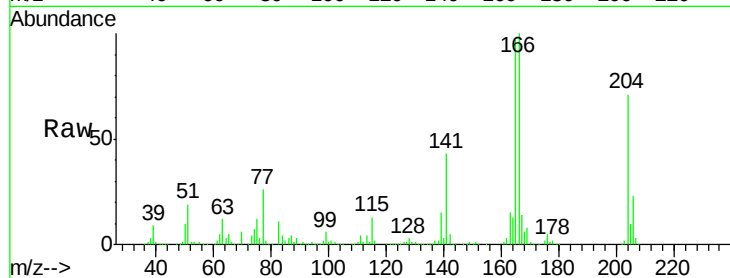




#61
4-Chlorophenyl-phenylether
Concen: 37.35 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

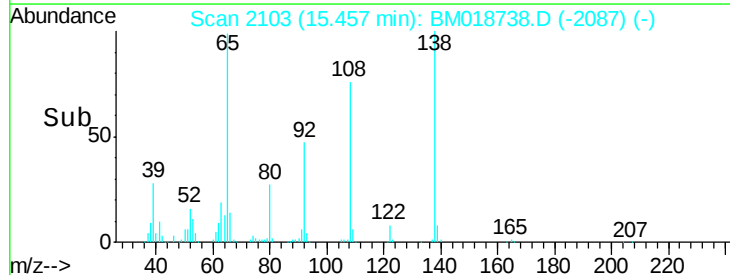
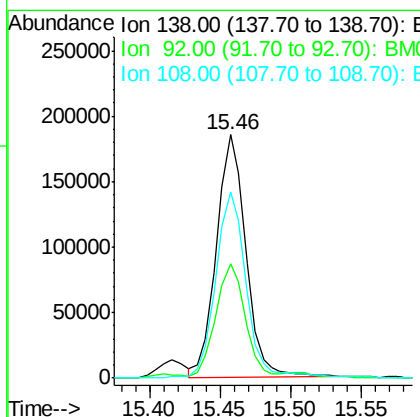
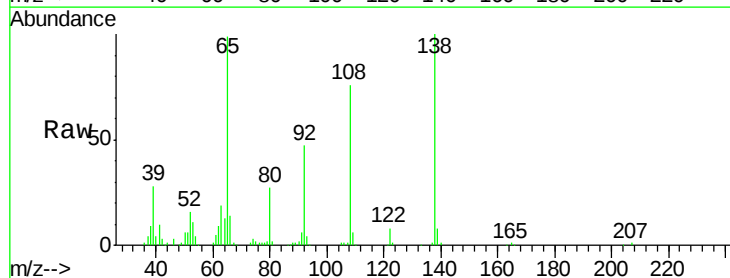
Instrument :
BNA_M
ClientSampleId :
PB116909BS

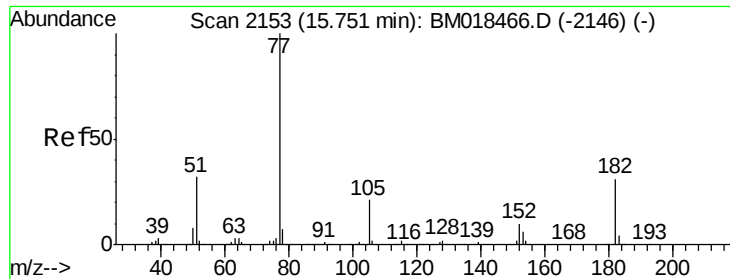
Tot Ion:204 Resp: 713009
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 60.8 49.5 74.3



#62
4-Nitroaniline
Concen: 31.43 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:138 Resp: 268049
Ion Ratio Lower Upper
138 100
92 47.1 29.0 69.0
108 76.3 63.9 103.9

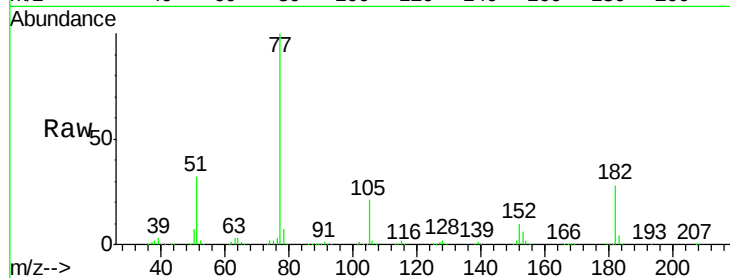




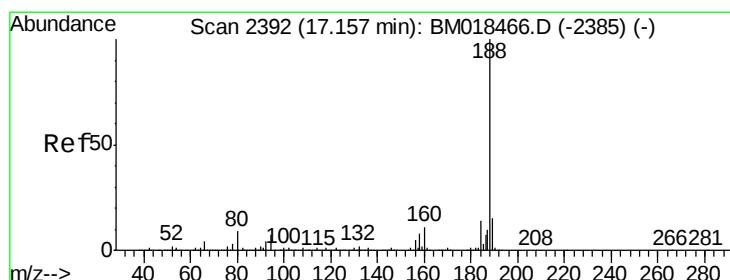
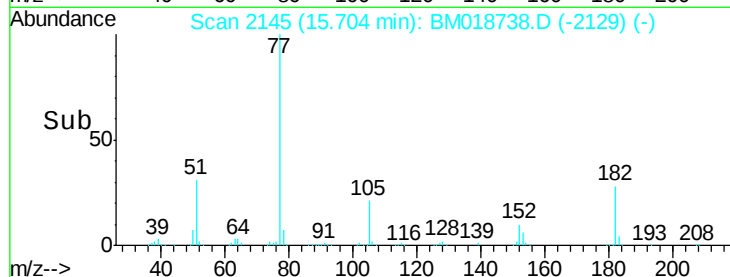
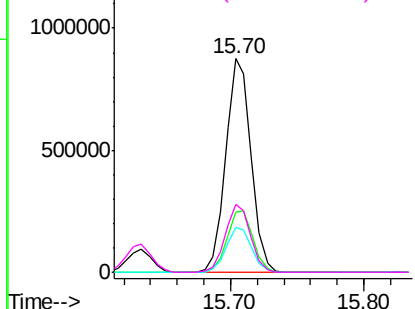
#63
Azobenzene
Concen: 38.50 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion: 77 Resp: 1160225
Ion Ratio Lower Upper
77 100
182 27.9 7.4 47.4
105 20.9 0.0 39.6
51 31.6 12.0 52.0

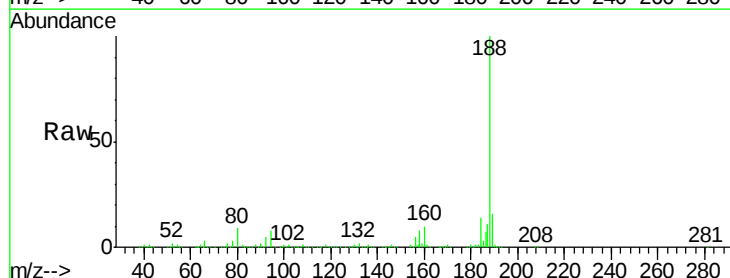


Abundance Ion 77.00 (76.70 to 77.70): BM018738.D (-2129) (-)
Ion 182.00 (181.70 to 182.70): BM018738.D (-2129) (-)
Ion 105.00 (104.70 to 105.70): BM018738.D (-2129) (-)
Ion 51.00 (50.70 to 51.70): BM018738.D (-2129) (-)

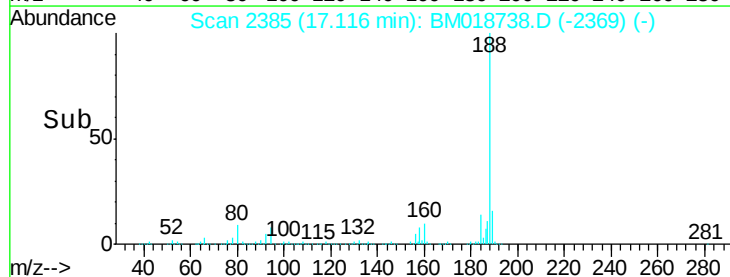
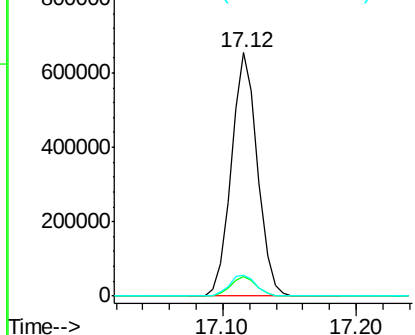


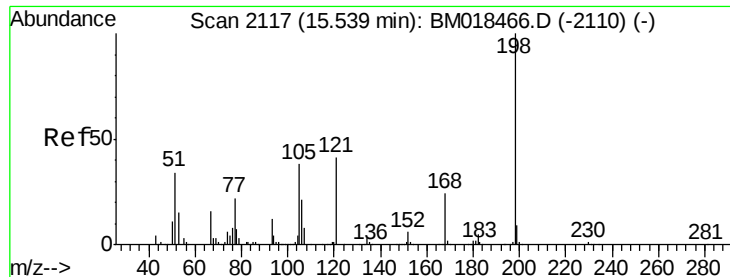
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion: 188 Resp: 890343
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.5 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018738.D (-2369) (-)
Ion 94.00 (93.70 to 94.70): BM018738.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM018738.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 38.96 ng

RT: 15.50 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

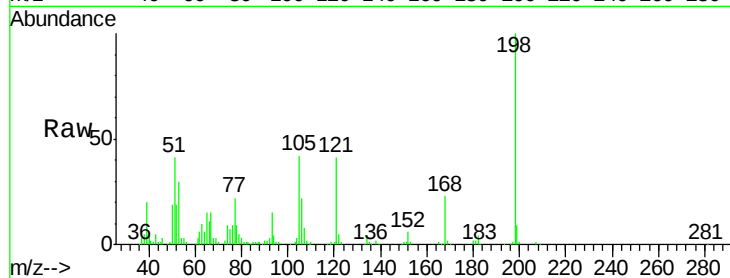
Tot Ion:198 Resp: 214592

Ion	Ratio	Lower	Upper
198	100		
51	41.3	29.6	69.6
105	41.6	25.5	65.5

198 100

51 41.3 29.6 69.6

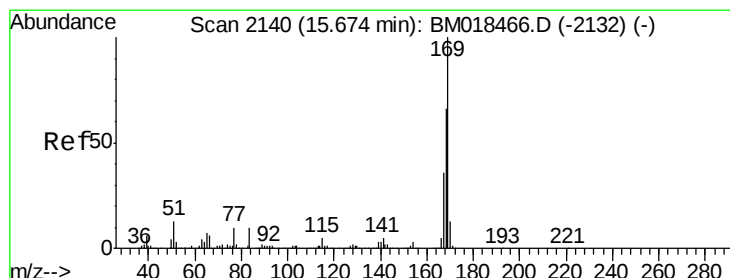
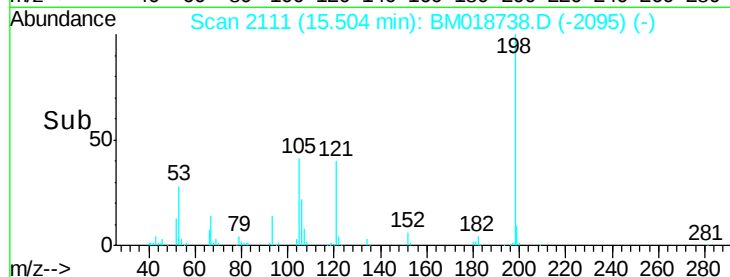
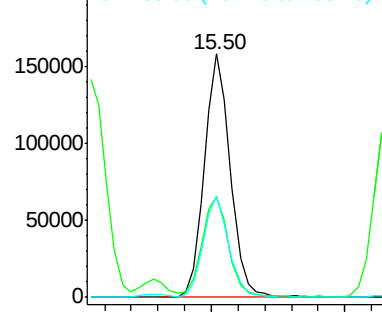
105 41.6 25.5 65.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018466.D (-2110) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.20 ng

RT: 15.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

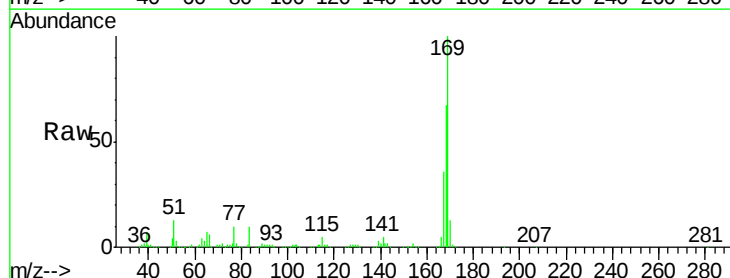
Tgt Ion:169 Resp: 1165496

Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	36.0	28.6	42.8

169 100

168 66.8 54.1 81.1

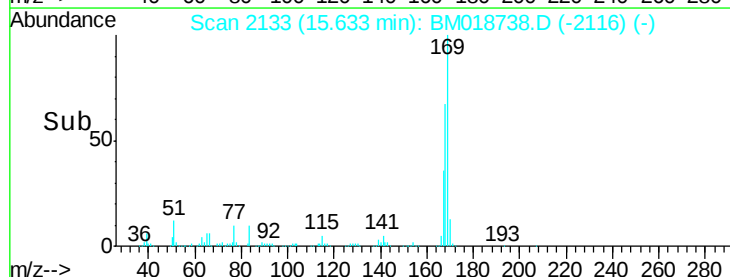
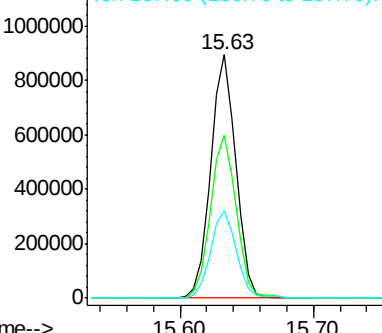
167 36.0 28.6 42.8

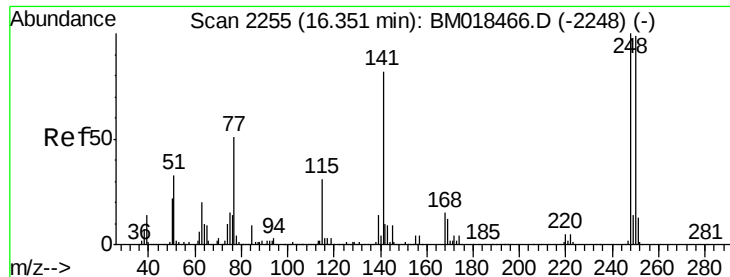


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

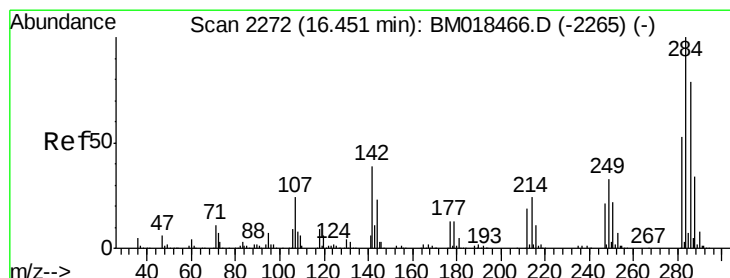
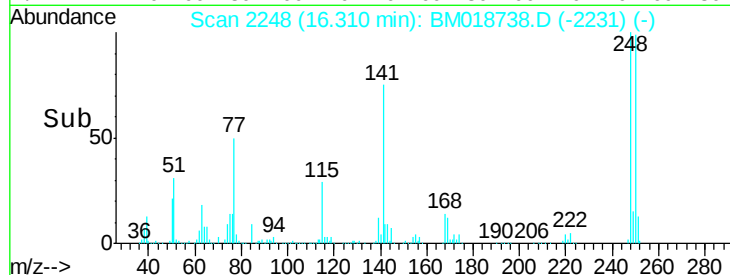
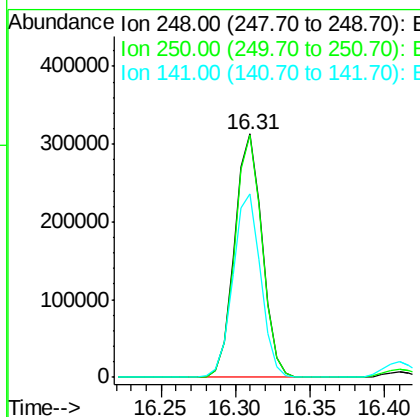
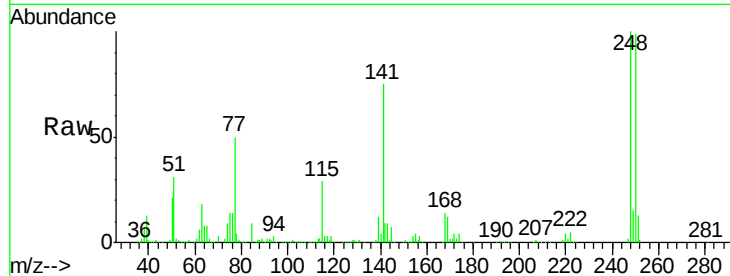




#67
 4-Bromophenyl-phenylether
 Concen: 40.53 ng
 RT: 16.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

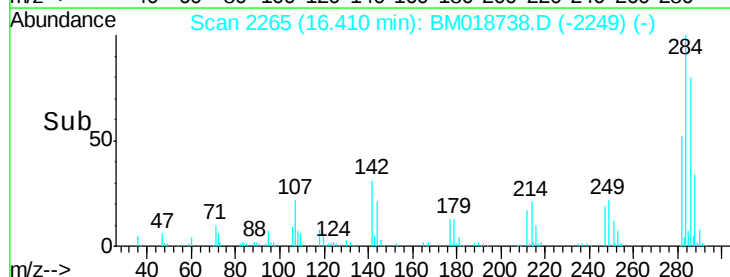
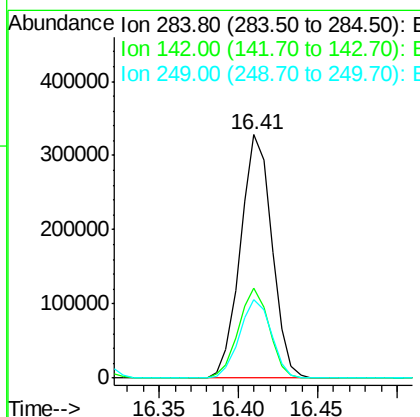
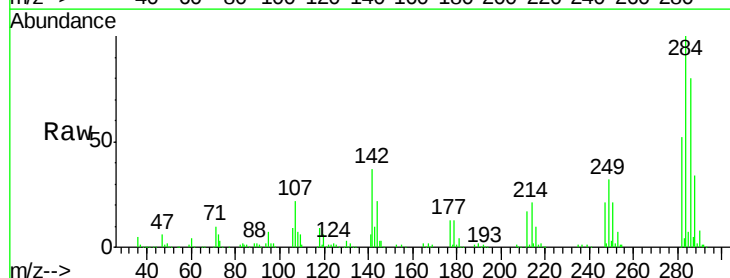
Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

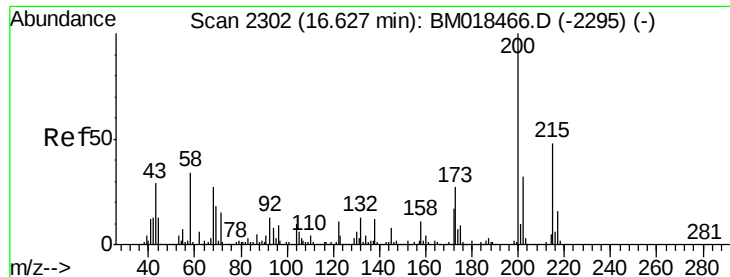
Tot Ion:248 Resp: 403789
 Ion Ratio Lower Upper
 248 100
 250 99.4 76.0 114.0
 141 75.3 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 40.60 ng
 RT: 16.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion:284 Resp: 452898
 Ion Ratio Lower Upper
 284 100
 142 36.8 29.2 43.8
 249 32.3 26.1 39.1





#69

Atrazine

Concen: 38.87 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

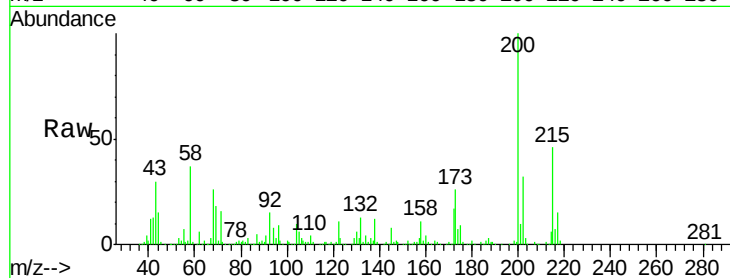
Tot Ion:200 Resp: 388118

Ion Ratio Lower Upper

200 100

173 26.3 7.2 47.2

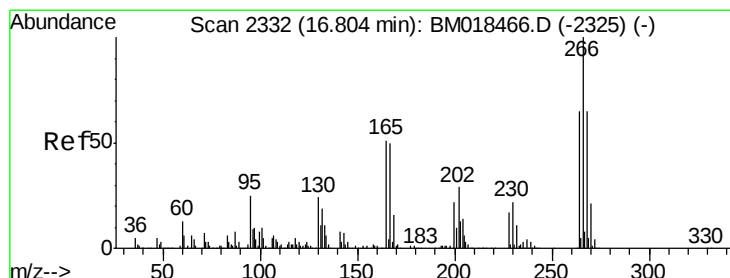
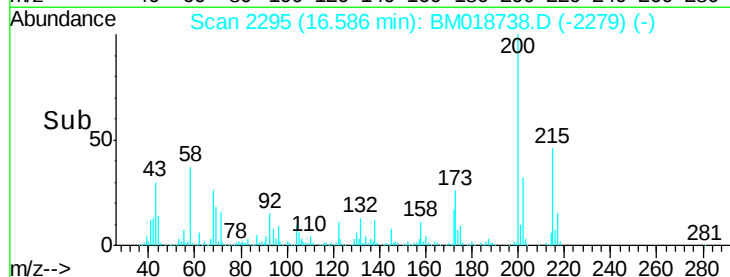
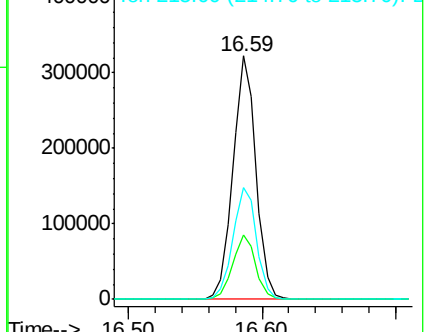
215 46.1 28.3 68.3



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: 73.14 ng

RT: 16.76 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

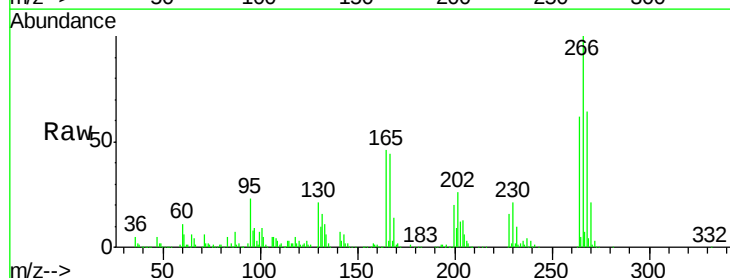
Tgt Ion:266 Resp: 534265

Ion Ratio Lower Upper

266 100

268 63.6 49.8 74.6

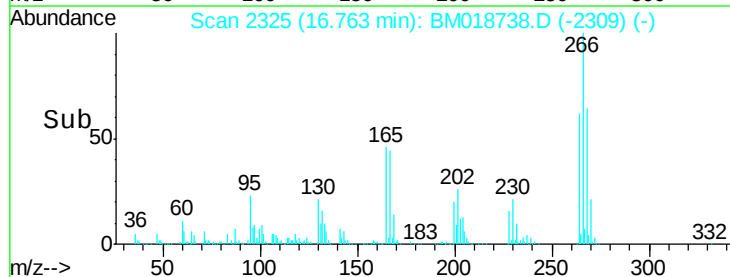
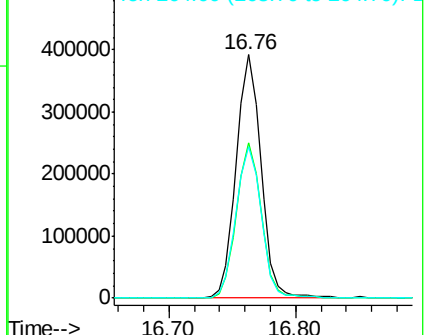
264 62.2 50.1 75.1

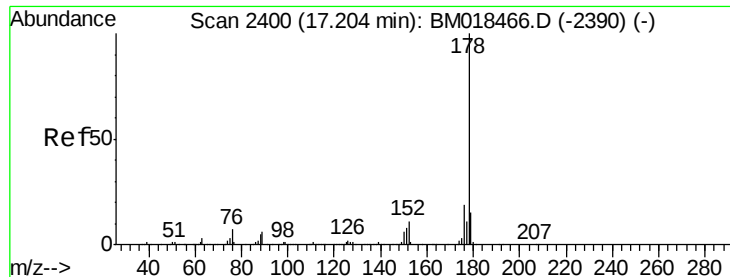


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

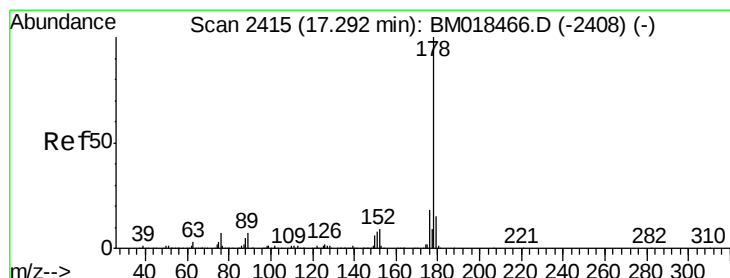
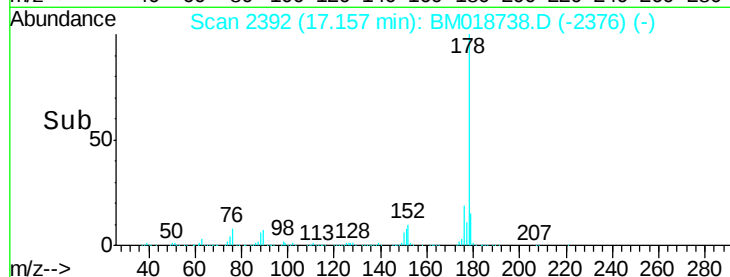
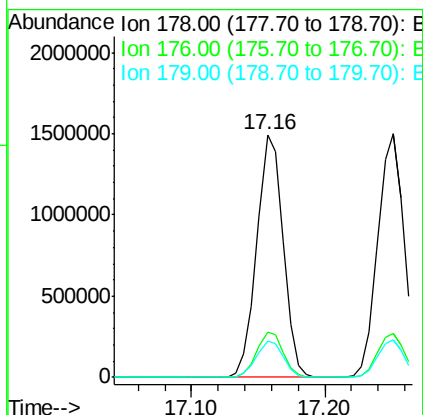
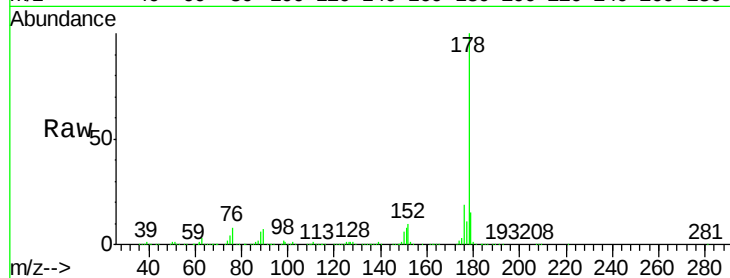




#71
Phenanthrene
Concen: 42.87 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

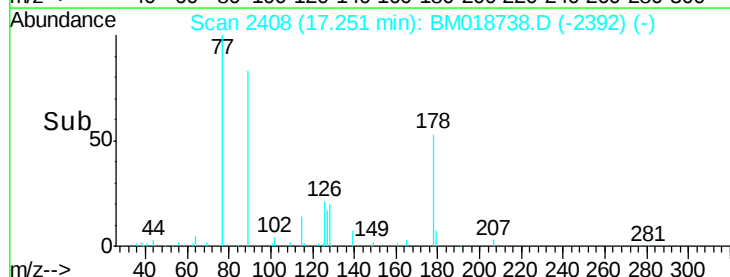
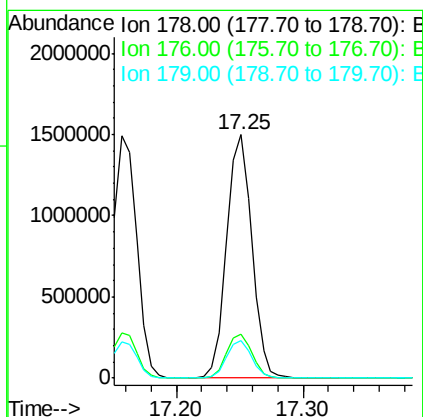
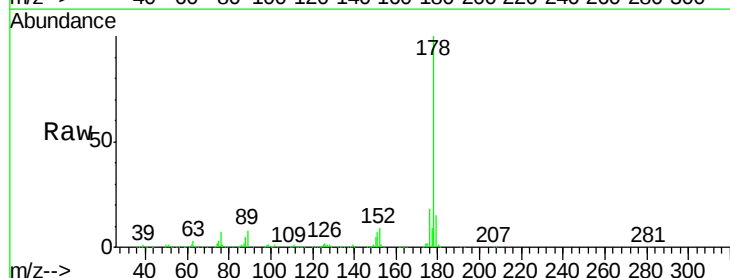
Instrument :
BNA_M
ClientSampleId :
PB116909BS

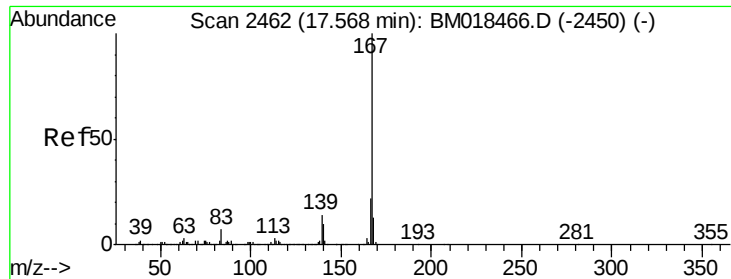
Tot Ion:178 Resp: 2030011
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 45.15 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:178 Resp: 2056086
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.2 12.2 18.4



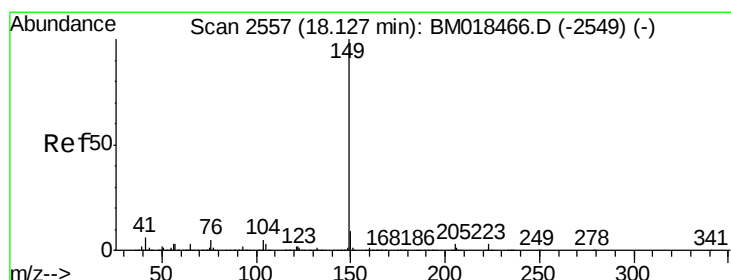
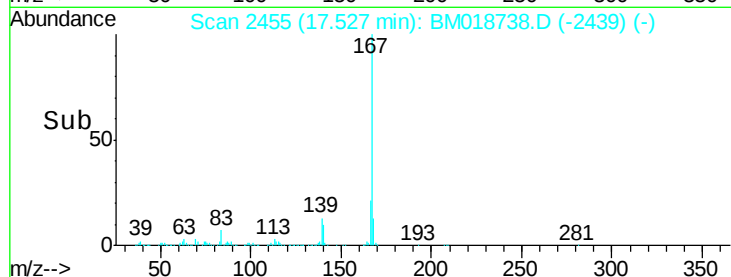
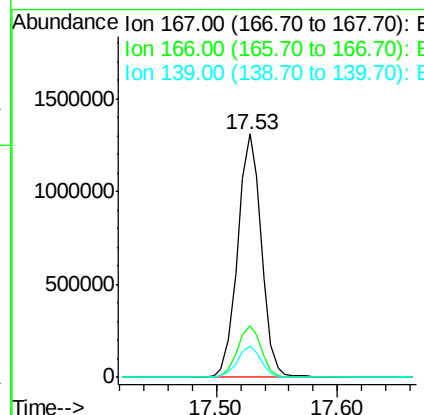
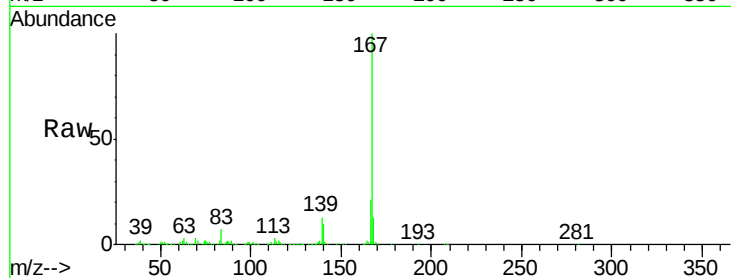


#73
 Carbazole
 Concen: 38.40 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion:167 Resp: 1796424

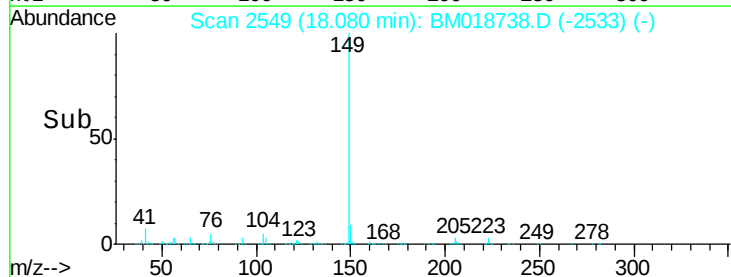
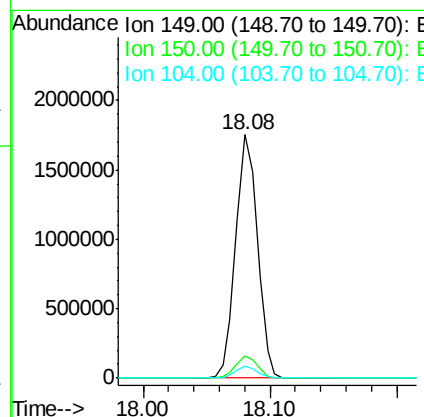
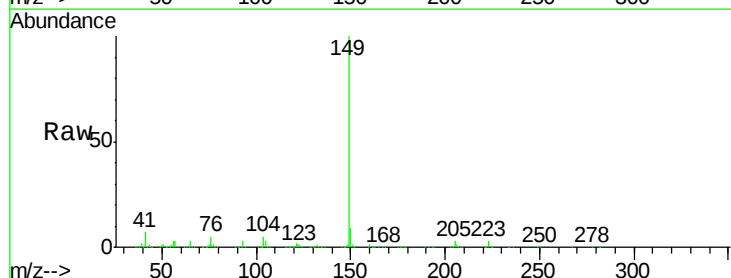
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.2
139	12.9	10.6	16.0

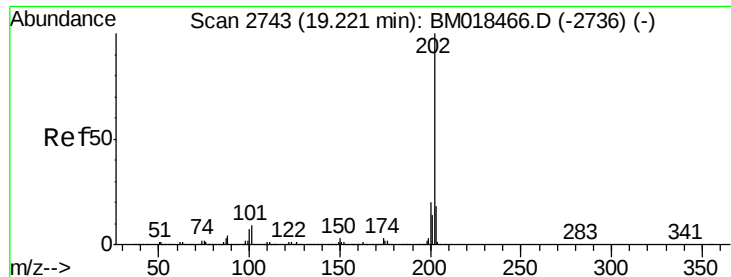


#74
 Di-n-butylphthalate
 Concen: 40.58 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion:149 Resp: 2079817

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 39.57 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

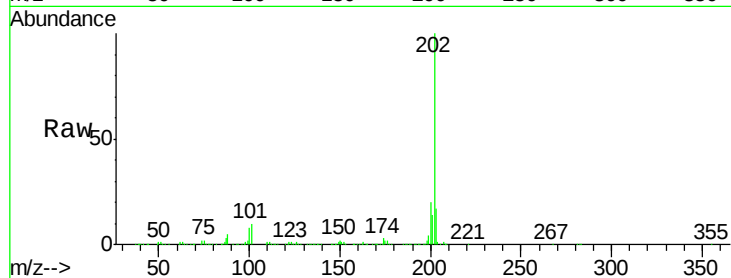
Tot Ion:202 Resp: 2160754

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.9

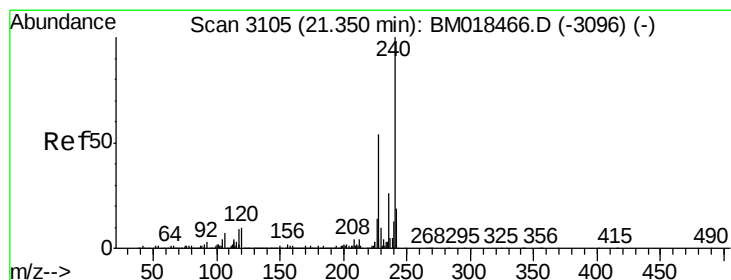
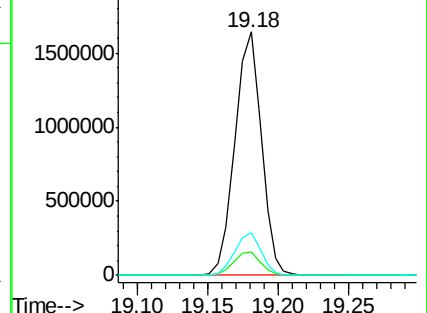
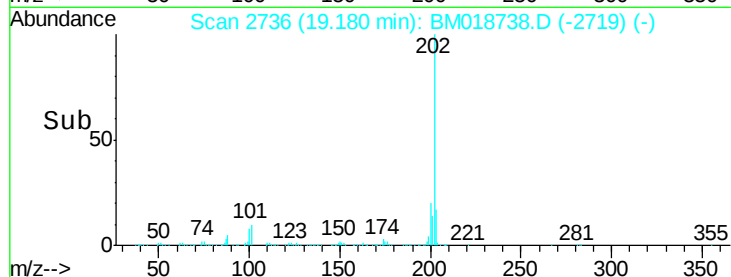
203 17.4 0.0 37.4



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: 20.00 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

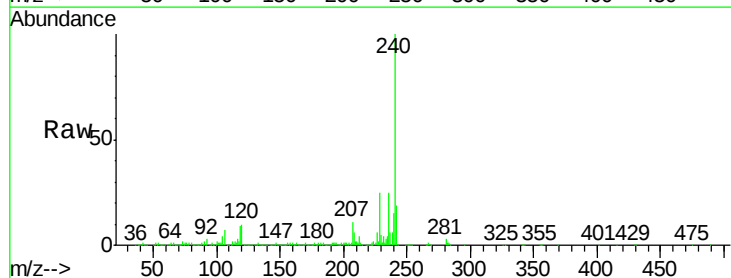
Tgt Ion:240 Resp: 819631

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

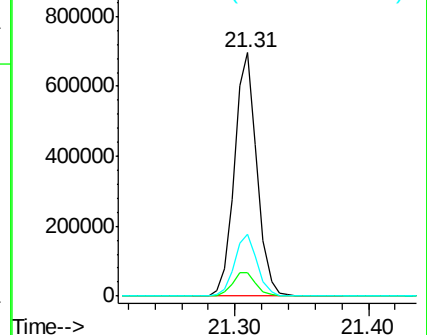
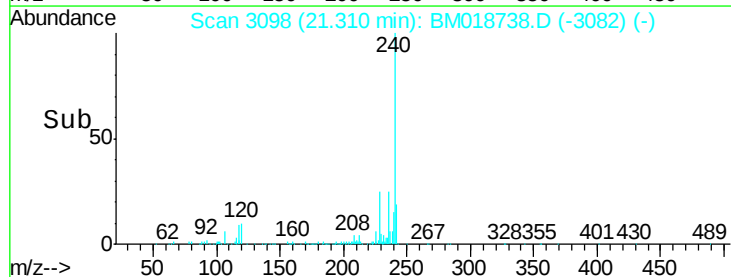
236 25.3 20.7 31.1

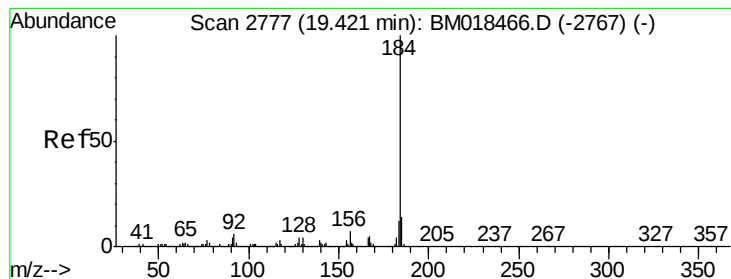


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.57 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

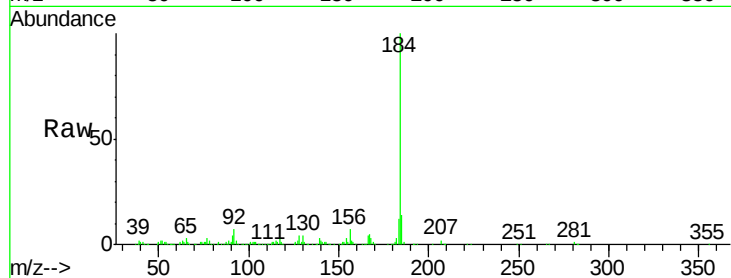
BNA_M

ClientSampleId :

PB116909BS

Tot Ion:184 Resp: 881857

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.4	17.0
183	11.9	9.5	14.3

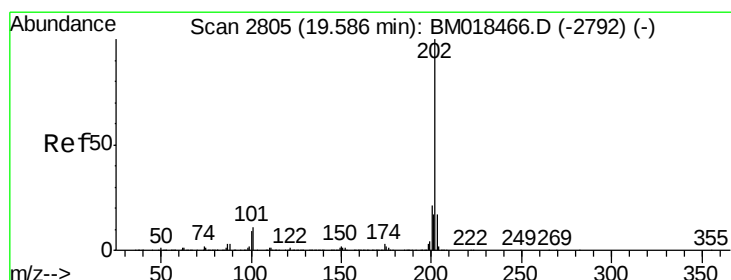
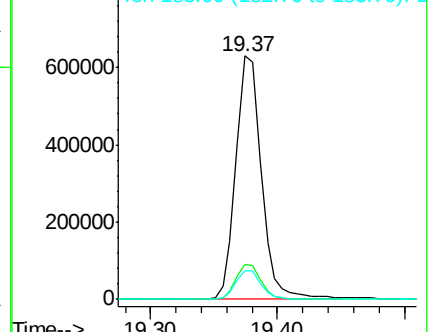
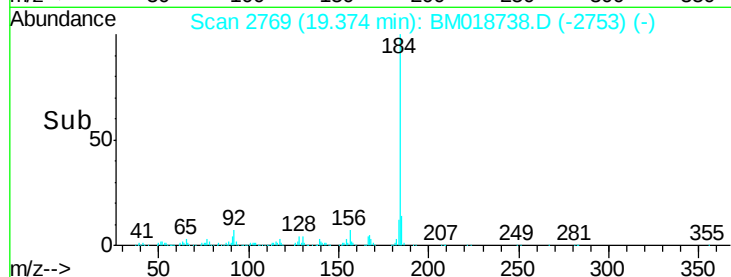


Abundance

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: 46.11 ng

RT: 19.54 min Scan# 2798

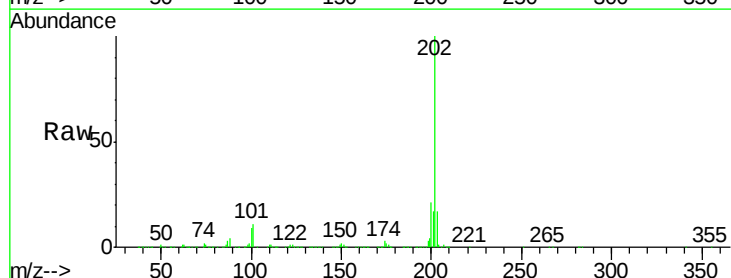
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:202 Resp: 2240015

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.2	13.8	20.8

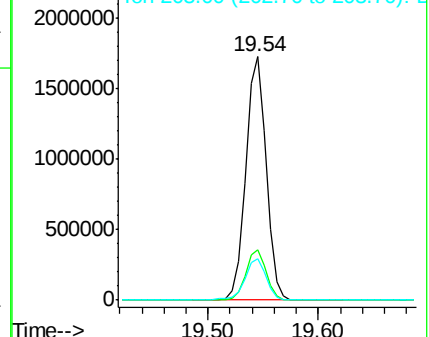
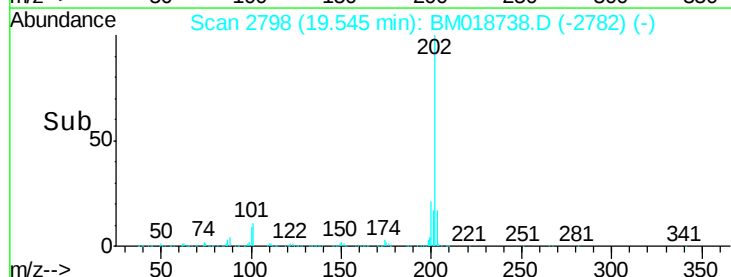


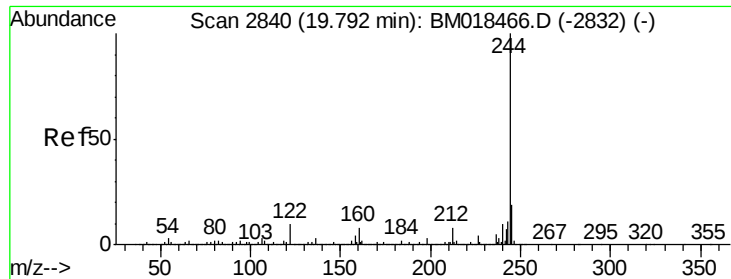
Abundance

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: 91.61 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

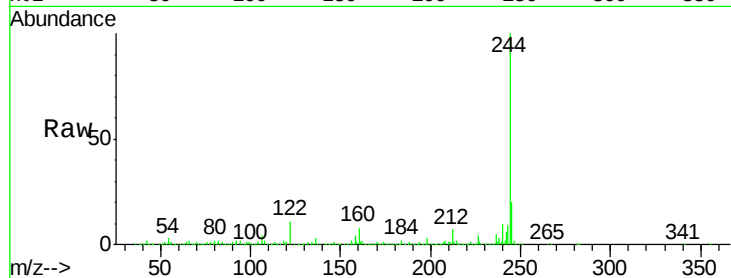
Tot Ion:244 Resp: 3561953

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

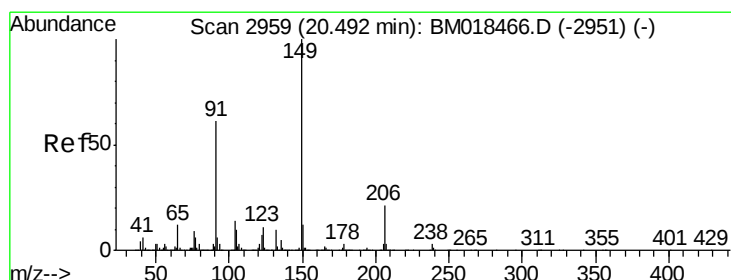
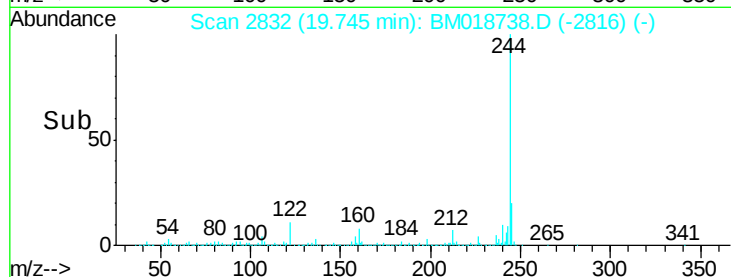
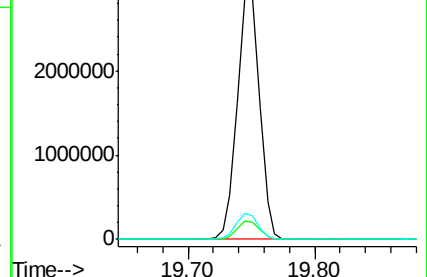
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.95 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

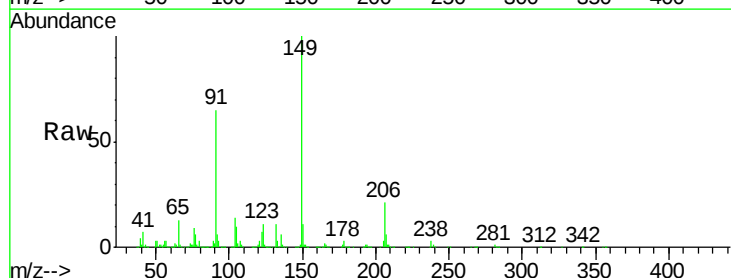
Tgt Ion:149 Resp: 869634

Ion Ratio Lower Upper

149 100

91 64.7 53.1 79.7

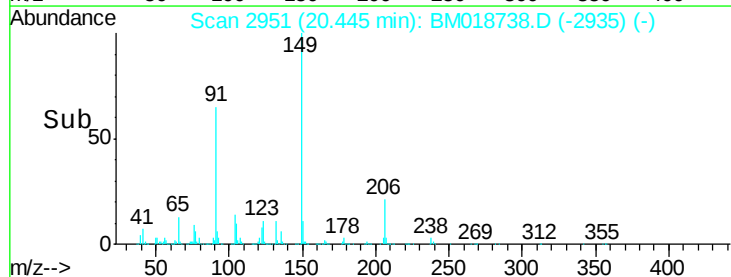
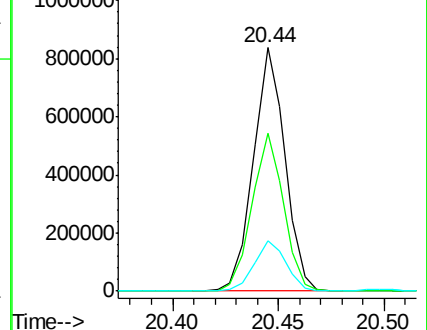
206 20.7 16.2 24.4

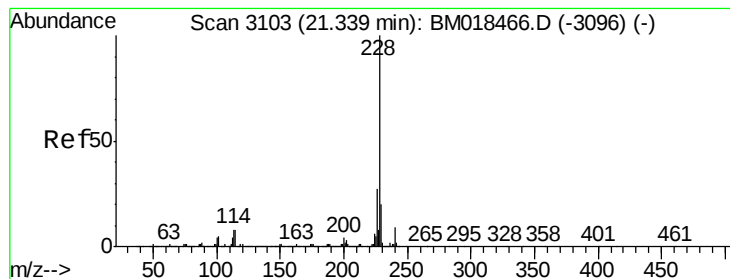


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.38 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

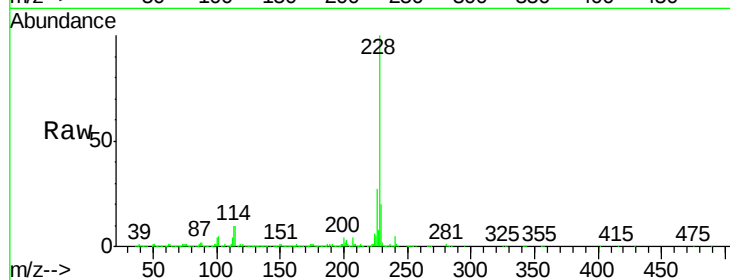
BNA_M

ClientSampleId :

PB116909BS

Tot Ion:228 Resp: 2094727

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.6	15.8	23.8

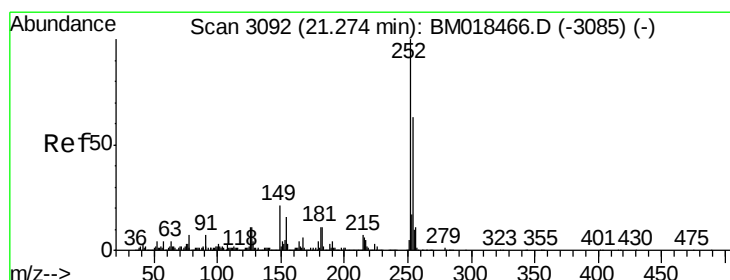
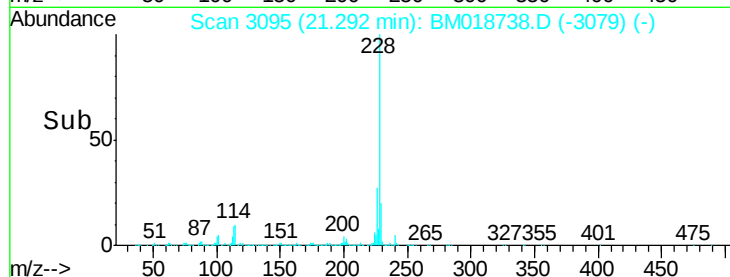
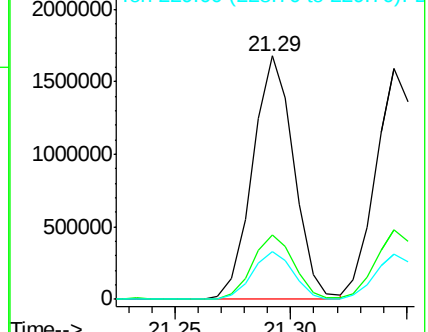


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.27 ng

RT: 21.23 min Scan# 3085

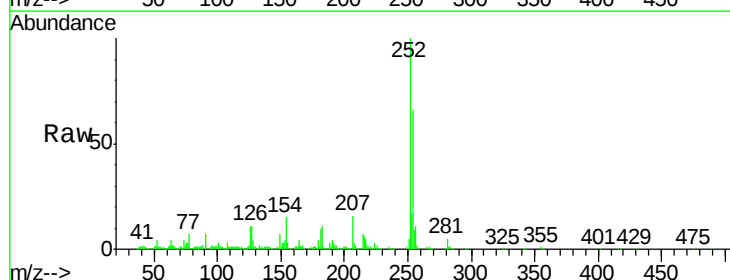
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:252 Resp: 534435

Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.4	77.0
126	10.9	8.7	13.1

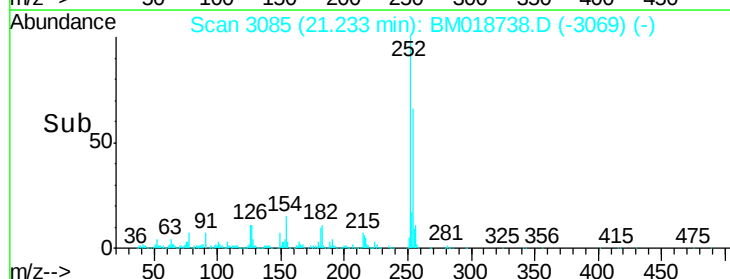
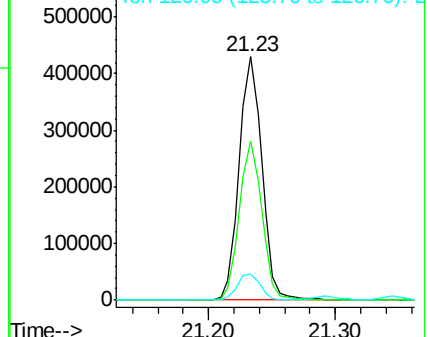


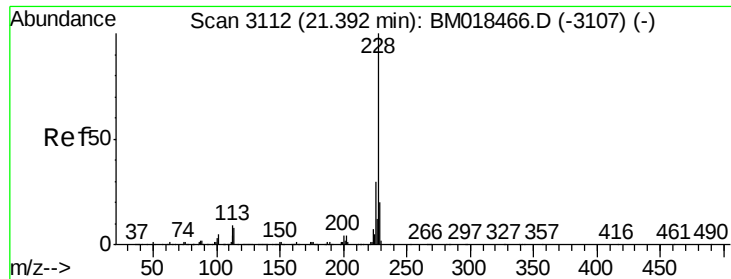
Abundance

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: 42.54 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

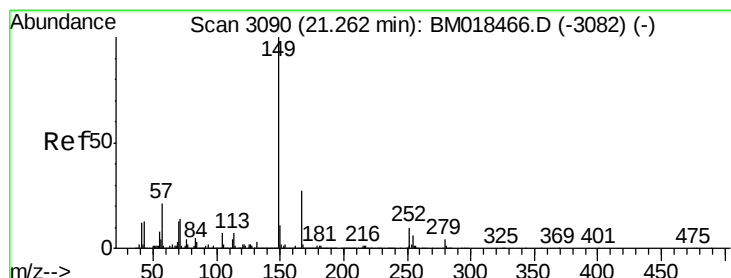
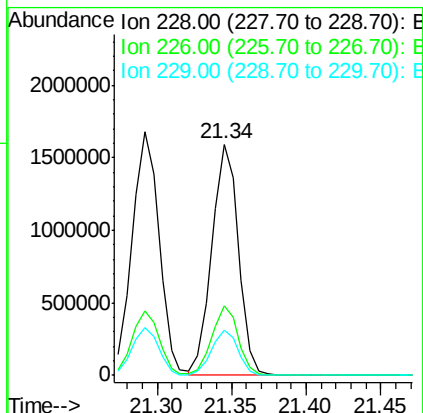
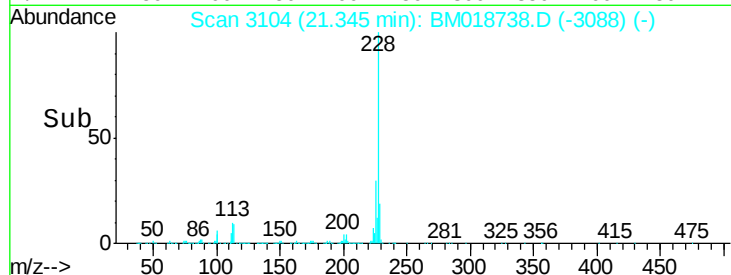
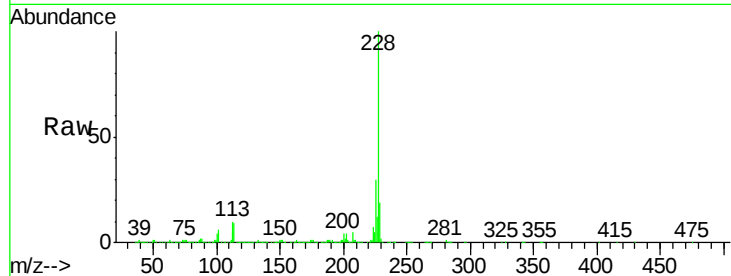
Tot Ion:228 Resp: 1983370

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.2

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.48 ng

RT: 21.22 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

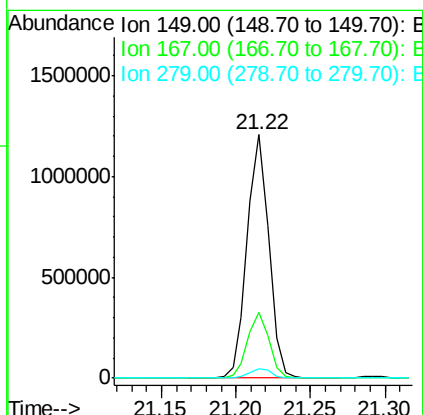
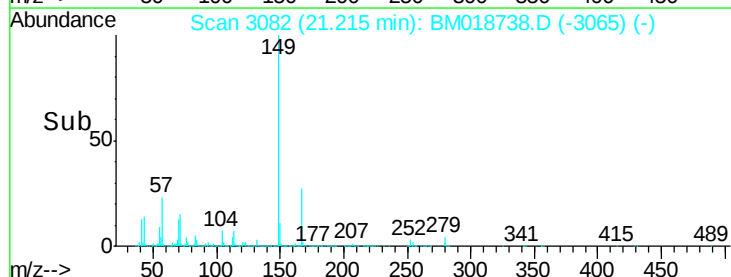
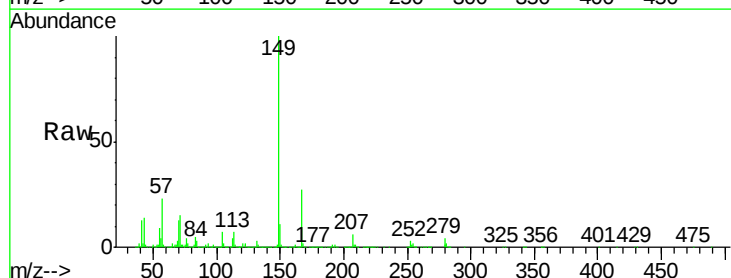
Tgt Ion:149 Resp: 1211792

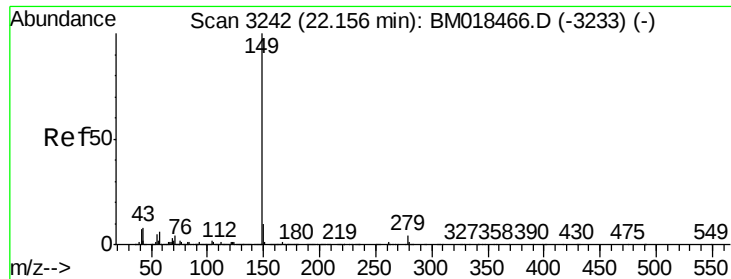
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 40.27 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

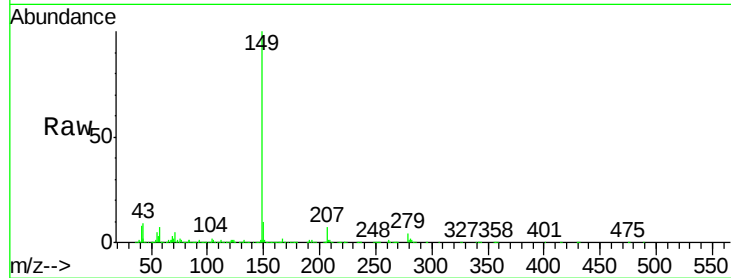
BNA_M

ClientSampleId :

PB116909BS

Tot Ion:149 Resp: 2027819

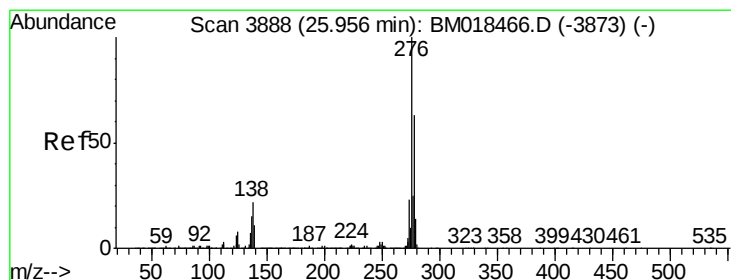
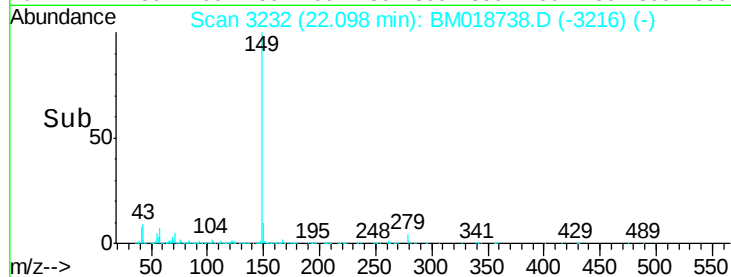
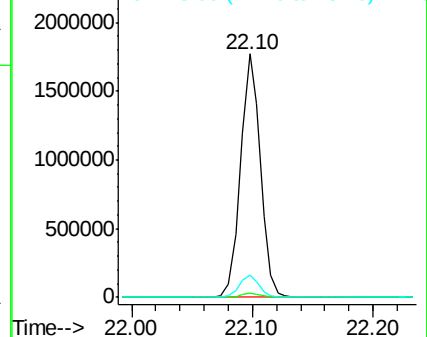
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.9	8.6	12.8



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: 45.69 ng

RT: 25.86 min Scan# 3872

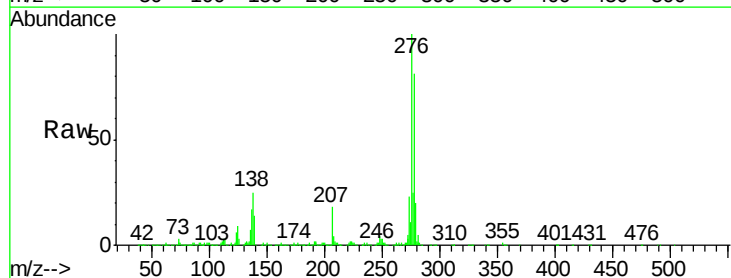
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:276 Resp: 2456468

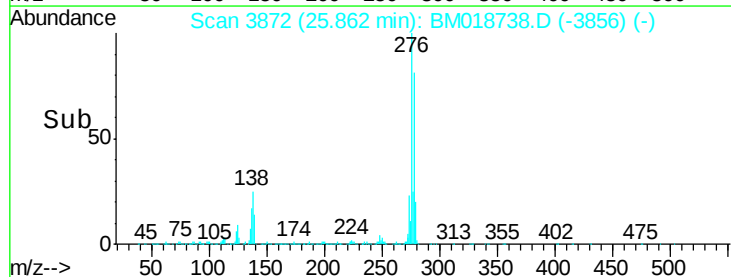
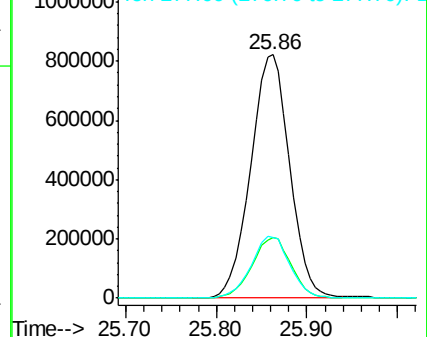
Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.5	32.3
277	25.3	20.2	30.2

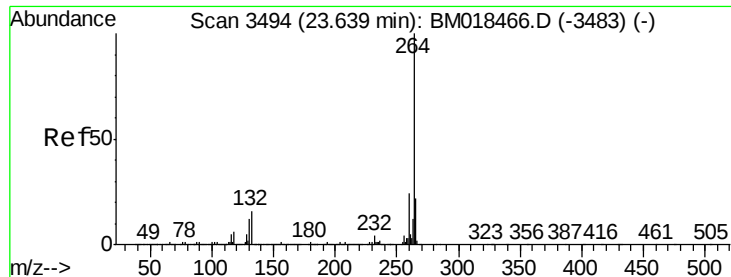


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

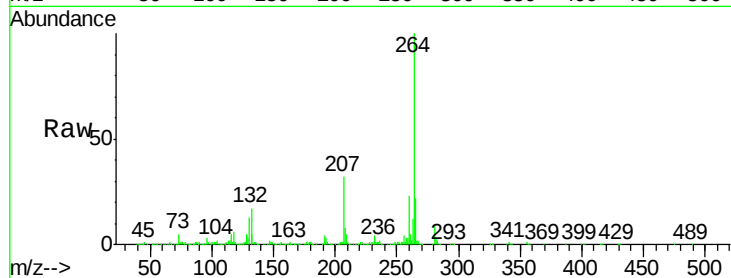
Tot Ion:264 Resp: 805941

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

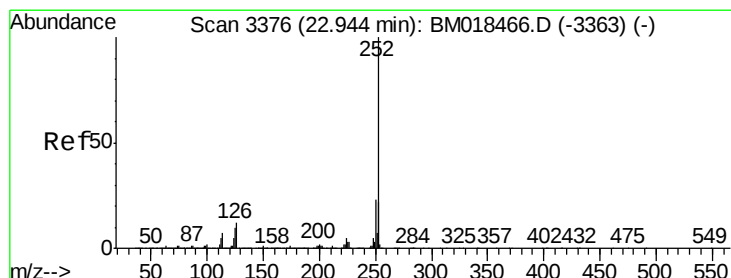
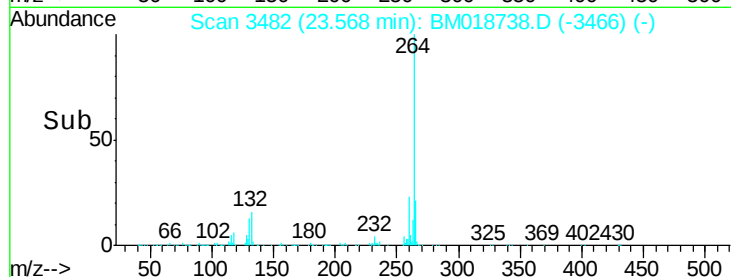
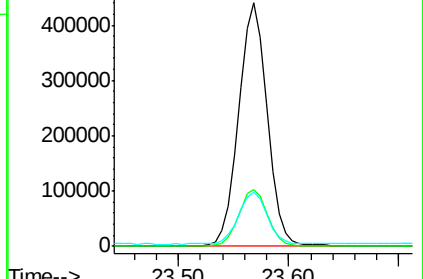
265 22.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.09 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

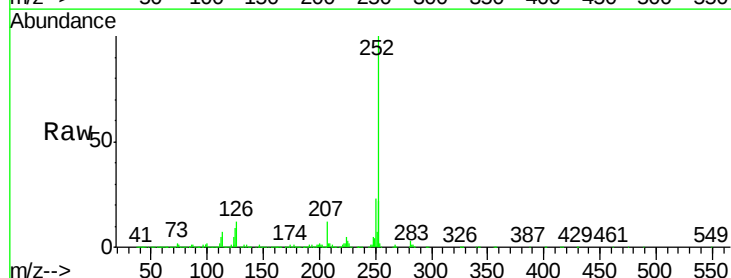
Tgt Ion:252 Resp: 2063104

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

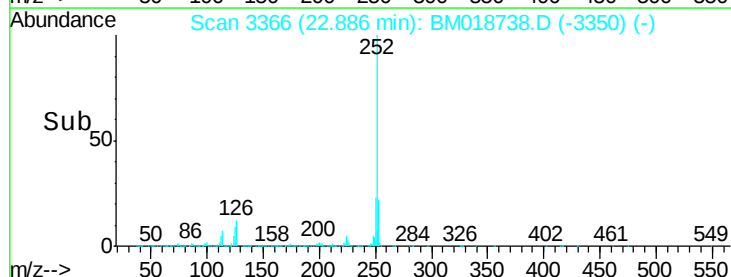
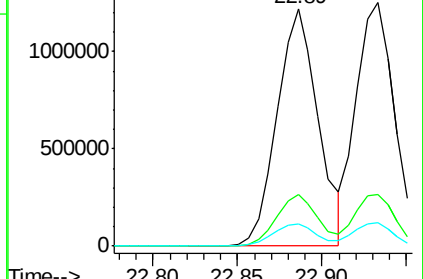
125 9.2 8.5 12.7

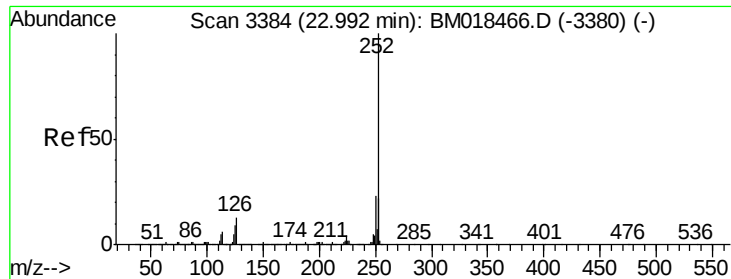


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

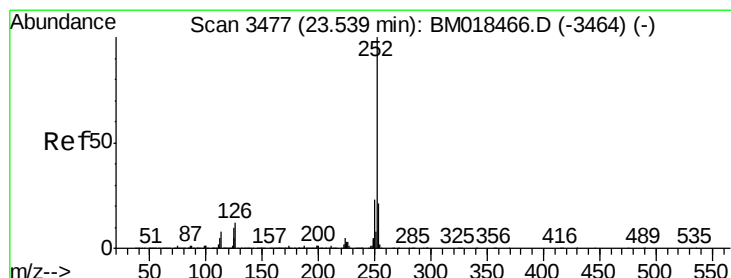
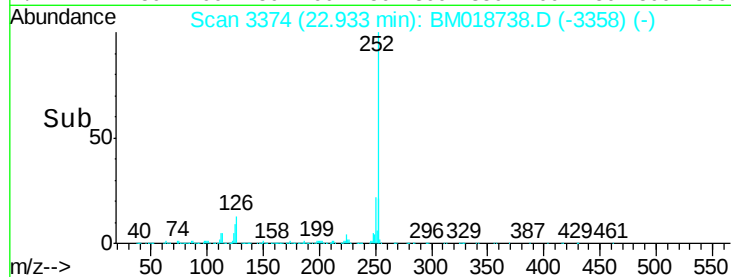
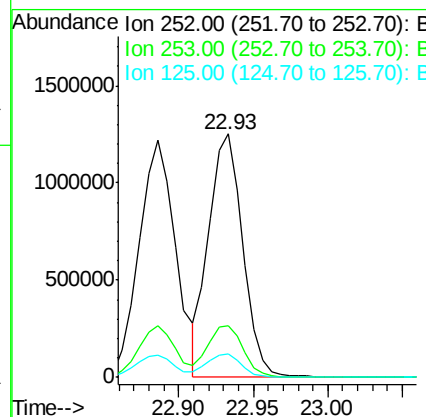
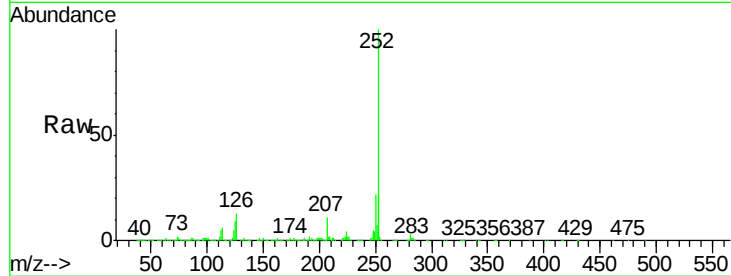




#89
Benzo(k)fluoranthene
Concen: 42.79 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

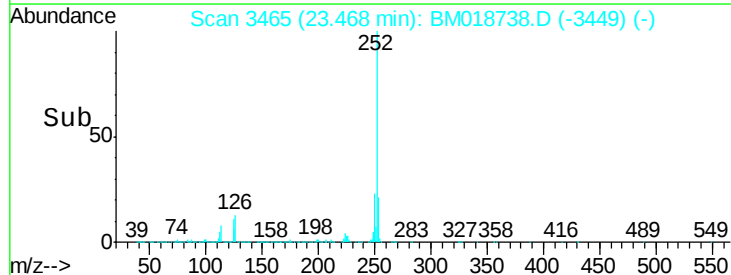
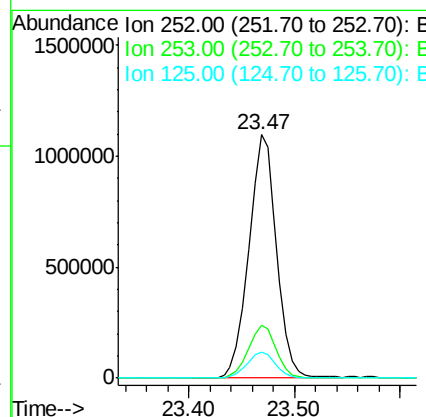
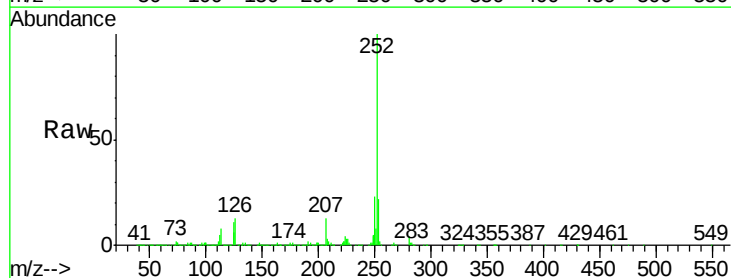
Instrument :
BNA_M
ClientSampleId :
PB116909BS

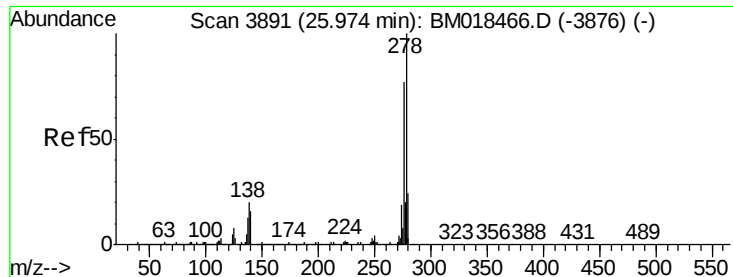
Tot Ion:252 Resp: 1973307
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 9.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 45.54 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:252 Resp: 1994993
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.9 9.7 14.5

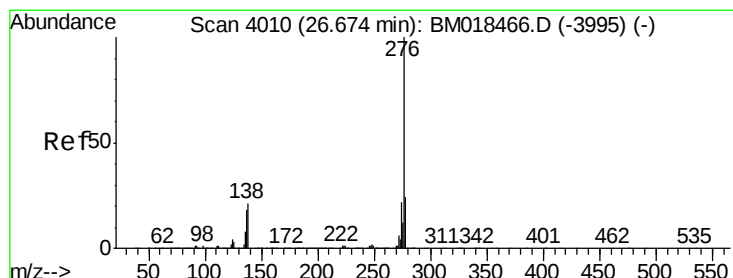
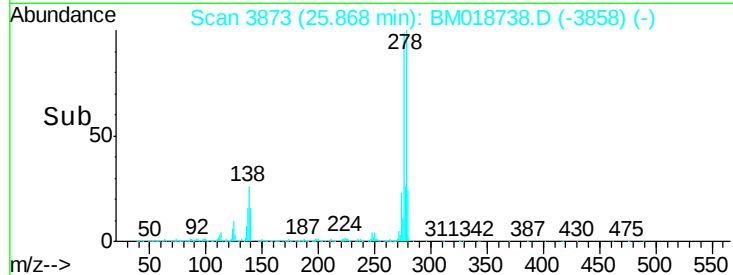
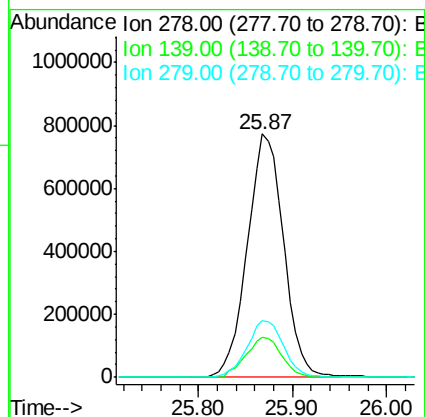
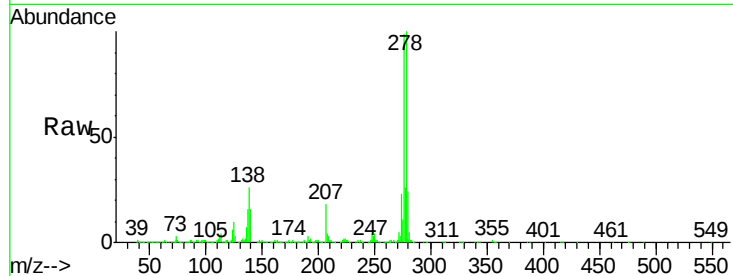




#91
Dibenzo(a,h)anthracene
Concen: 46.56 ng
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion:278 Resp: 2066746
Ion Ratio Lower Upper
278 100
139 16.4 13.2 19.8
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 47.98 ng
RT: 26.56 min Scan# 3991
Delta R.T. -0.02 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:276 Resp: 2072278
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 20.7 18.1 27.1

