

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015283.D
 Acq On : 23 May 2018 19:33
 Operator : SJ/JU
 Sample : J2923-08
 Misc : L00 10 PPM(625)
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 24 02:14:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	231142	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	944953	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	510270	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1023645	20.00	ng	0.00
75) Chrysene-d12	21.83	240	898763	20.00	ng	0.00
86) Perylene-d12	24.27	264	842918	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1205137	85.30	ng	0.00
7) Phenol-d6	7.54	99	1623680	88.26	ng	0.00
23) Nitrobenzene-d5	9.59	82	1471156	85.28	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	639411	99.93	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	3313197	80.72	ng	0.00
78) Terphenyl-d14	20.29	244	4581621	112.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	53798	9.217	ng	# 100
3) Pyridine	4.08	79	124426	8.322	ng	# 87
4) n-Nitrosodimethylamine	3.98	42	72457	8.956	ng	# 67
6) Aniline	7.72	93	218354	9.633	ng	# 96
8) 2-Chlorophenol	7.96	128	150551	9.442	ng	# 96
9) Benzaldehyde	7.53	77	71573	6.151	ng	# 93
10) Phenol	7.57	94	179000	9.581	ng	# 83
11) bis(2-Chloroethyl)ether	7.81	93	142443	9.612	ng	# 90
12) 1,3-Dichlorobenzene	8.29	146	170740	9.392	ng	# 94
13) 1,4-Dichlorobenzene	8.44	146	172379	9.378	ng	# 97
14) 1,2-Dichlorobenzene	8.76	146	166391	9.538	ng	# 95
15) Benzyl Alcohol	8.65	79	125352	9.423	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	8.92	45	233766	9.999	ng	# 96
17) 2-Methylphenol	8.85	107	118158	9.514	ng	# 94
18) Hexachloroethane	9.50	117	60563	9.278	ng	# 91
19) n-Nitroso-di-n-propylamine	9.21	70	115443	9.845	ng	# 89
20) 3+4-Methylphenols	9.17	107	158564	9.615	ng	# 94
22) Acetophenone	9.24	105	224580	9.907	ng	# 94
24) Nitrobenzene	9.63	77	180172	10.031	ng	# 97
25) Isophorone	10.15	82	288766	9.746	ng	# 96
26) 2-Nitrophenol	10.35	139	67870	8.422	ng	# 78
27) 2,4-Dimethylphenol	10.39	122	140294	9.599	ng	# 89
28) bis(2-Chloroethoxy)methane	10.63	93	196873	10.148	ng	# 100
29) 2,4-Dichlorophenol	10.88	162	133272	9.629	ng	# 98
30) 1,2,4-Trichlorobenzene	11.10	180	156798	9.616	ng	# 97
31) Naphthalene	11.29	128	478466	9.742	ng	# 100
32) Benzoic acid	10.48	122	67688	8.006	ng	# 90
33) 4-Chloroaniline	11.40	127	187801	9.582	ng	# 91
34) Hexachlorobutadiene	11.56	225	94721	9.769	ng	# 99
35) Caprolactam	12.16	113	32522	8.302	ng	# 90
36) 4-Chloro-3-methylphenol	12.49	107	139227	9.847	ng	# 90
37) 2-Methylnaphthalene	12.87	142	341478	10.033	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	172161	9.579	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	82422	11.826	ng	# 98

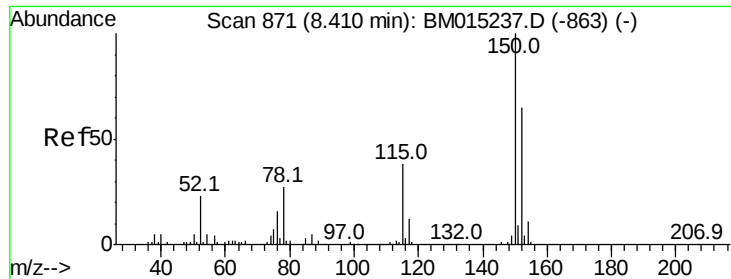
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015283.D
 Acq On : 23 May 2018 19:33
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	98230	9.095	ng	96
43) 2,4,5-Trichlorophenol	13.53	196	108866	9.335	ng	# 89
45) 1,1'-Biphenyl	13.86	154	438992	9.833	ng	99
46) 2-Chloronaphthalene	13.91	162	335087	9.752	ng	94
47) 2-Nitroaniline	14.10	65	82555	8.433	ng	87
48) Acenaphthylene	14.75	152	488179	9.565	ng	99
49) Dimethylphthalate	14.46	163	405986	9.969	ng	99
50) 2,6-Dinitrotoluene	14.59	165	81043	9.539	ng	91
51) Acenaphthene	15.08	154	306421	9.638	ng	98
52) 3-Nitroaniline	14.92	138	73958	8.267	ng	# 76
53) 2,4-Dinitrophenol	15.13	184	29400	11.863	ng	93
54) Dibenzofuran	15.41	168	492853	9.832	ng	93
55) 4-Nitrophenol	15.21	139	56740	7.820	ng	# 52
56) 2,4-Dinitrotoluene	15.37	165	98557	8.472	ng	# 81
57) Fluorene	16.05	166	383548	9.682	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	91521	9.151	ng	# 100
59) Diethylphthalate	15.80	149	391741	9.759	ng	98
60) 4-Chlorophenyl-phenylether	16.03	204	201637	9.993	ng	95
61) 4-Nitroaniline	16.07	138	71982	7.696	ng	# 67
62) Azobenzene	16.32	77	372111	9.758	ng	89
64) 4,6-Dinitro-2-methylphenol	16.13	198	42352	7.496	ng	94
65) n-Nitrosodiphenylamine	16.25	169	326729	9.934	ng	99
66) 4-Bromophenyl-phenylether	16.92	248	114071	9.974	ng	# 86
67) Hexachlorobenzene	17.04	284	131458	9.981	ng	# 89
68) Atrazine	17.17	200	84336	8.083	ng	96
69) Pentachlorophenol	17.38	266	57900	7.898	ng	96
70) Phenanthrene	17.77	178	574261	9.849	ng	99
71) Anthracene	17.86	178	558362	9.607	ng	99
72) Carbazole	18.13	167	482333	9.374	ng	99
73) Di-n-butylphthalate	18.65	149	556087	9.180	ng	99
74) Fluoranthene	19.74	202	582921	9.116	ng	97
76) Benzidine	19.92	184	144034	5.119	ng	98
77) Pyrene	20.10	202	589425	10.391	ng	100
79) Butylbenzylphthalate	20.95	149	214487	9.261	ng	94
80) Benzo(a)anthracene	21.81	228	550404	9.718	ng	99
81) 3,3'-Dichlorobenzidine	21.73	252	185558	8.848	ng	99
82) Chrysene	21.87	228	524395	9.831	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	308169	9.148	ng	97
84) Di-n-octyl phthalate	22.63	149	482417	8.187	ng	# 93
85) Indeno(1,2,3-cd)pyrene	26.79	276	560482	8.685	ng	# 91
87) Benzo(b)fluoranthene	23.57	252	437031	8.194	ng	97
88) Benzo(k)fluoranthene	23.57	252	505729	10.025	ng	99
89) Benzo(a)pyrene	24.16	252	474918	9.547	ng	98
90) Dibenzo(a,h)anthracene	26.79	278	480799	9.473	ng	97
91) Benzo(g,h,i)perylene	27.56	276	459337	9.292	ng	97

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

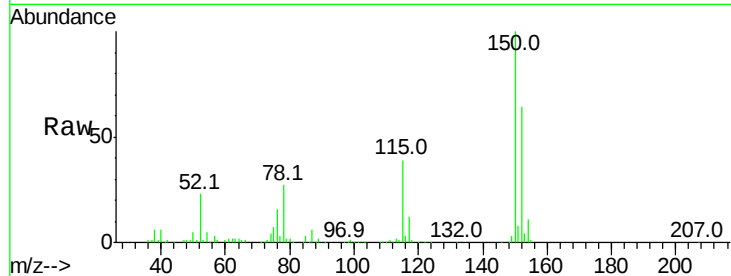


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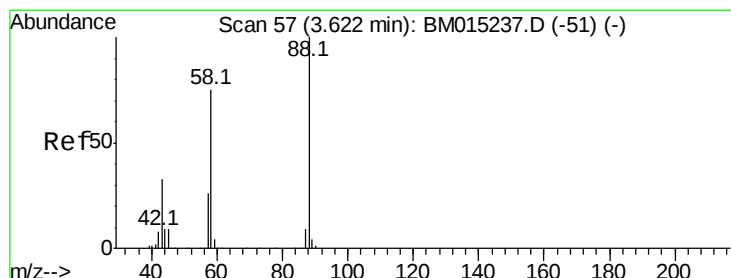
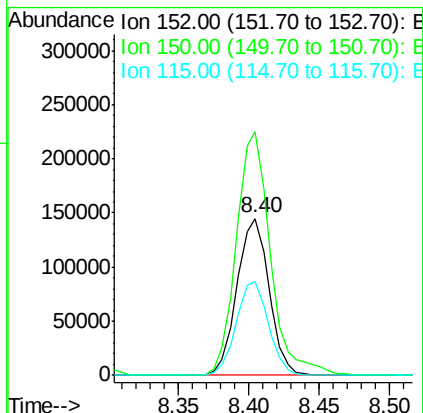
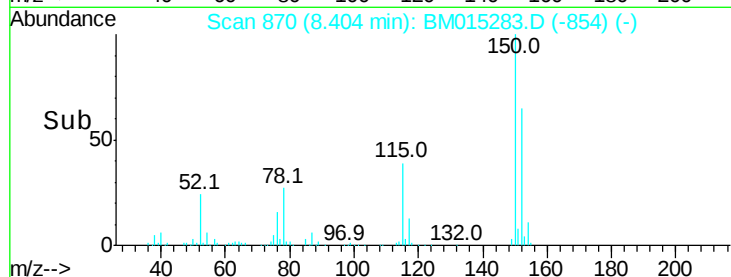
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 231142
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 60.0 43.0 64.4



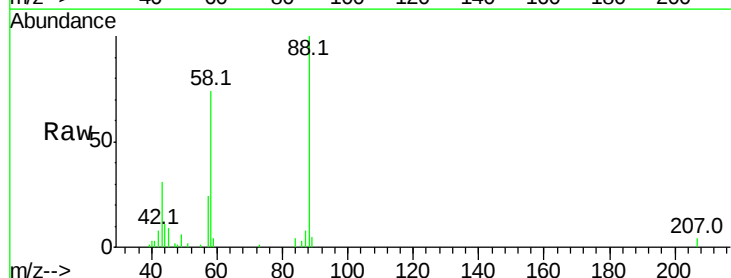
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



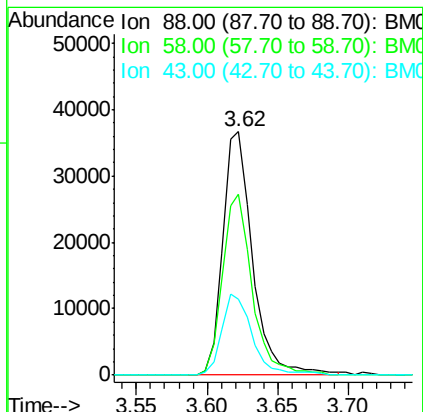
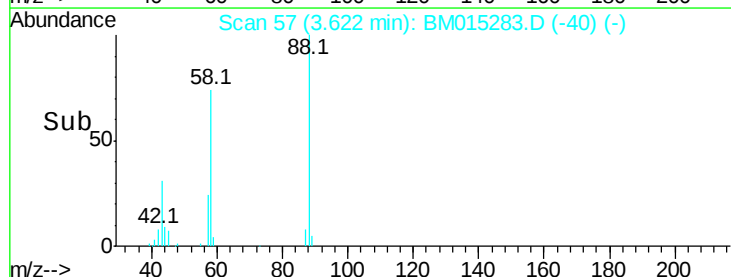
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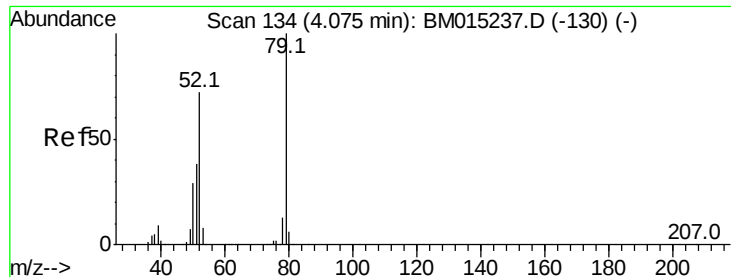
1,4-Dioxane
Concen: 9.217 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion: 88 Resp: 53798
Ion Ratio Lower Upper
88 100
58 73.8 0.0 0.0#
43 34.2 0.0 0.0#



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

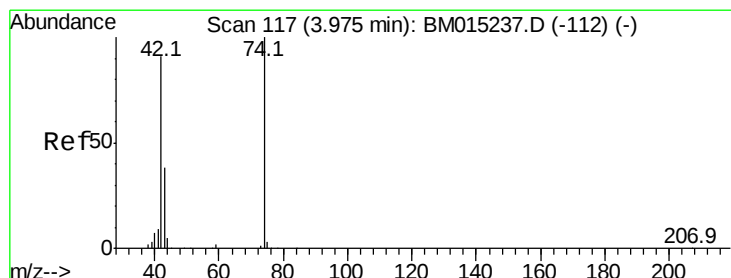
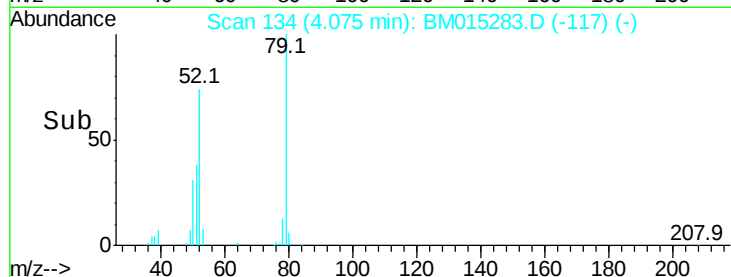
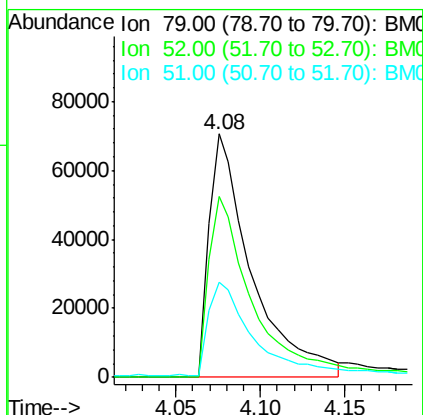
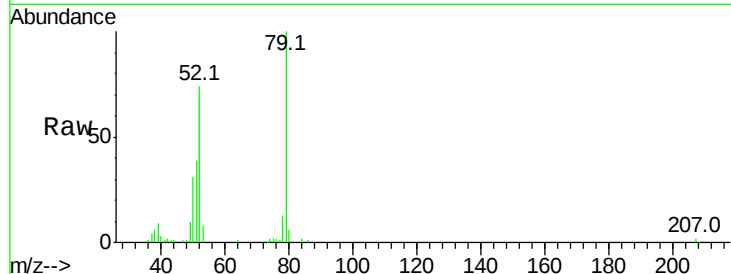




#3
 Pvridine
 Concen: 8.322 ng
 RT: 4.08 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

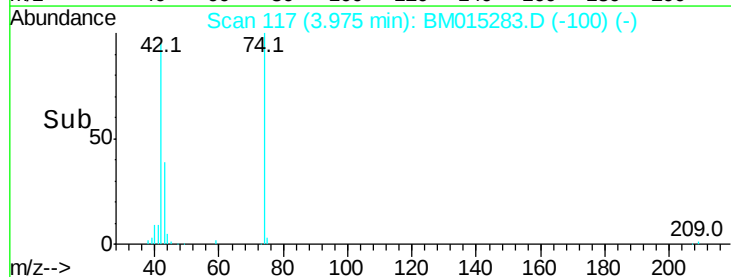
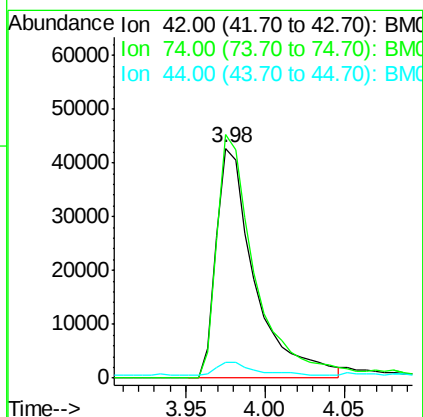
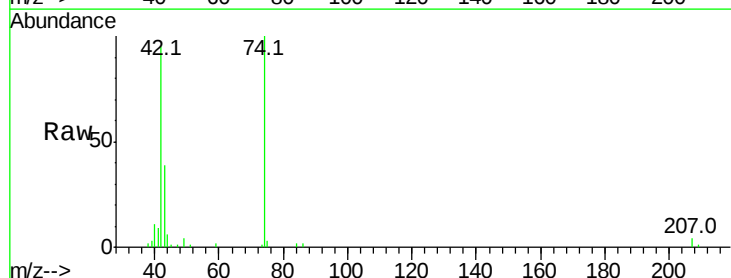
Instrument :
 BNA_M
 ClientSampled :

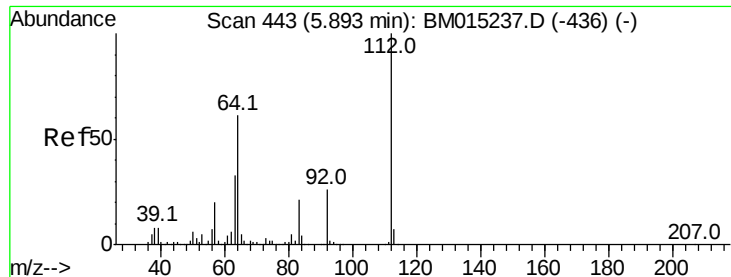
Tot Ion: 79 Resp: 124426
 Ion Ratio Lower Upper
 79 100
 52 74.2 51.1 76.7
 51 39.0 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 8.956 ng
 RT: 3.98 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion: 42 Resp: 72457
 Ion Ratio Lower Upper
 42 100
 74 105.8 119.3 178.9#
 44 6.7 5.4 8.2





#5

2-Fluorophenol

Concen: 85.303 ng

RT: 5.89 min Scan# 442

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

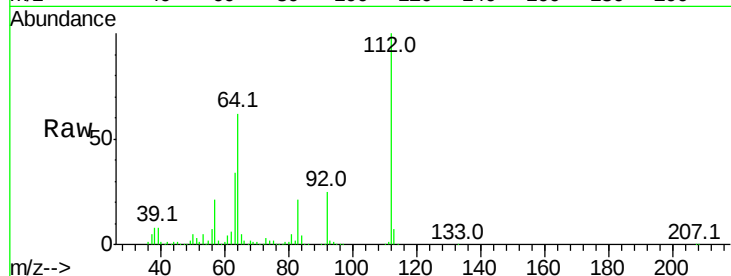
Tot Ion:112 Resp: 1205137

Ion Ratio Lower Upper

112 100

64 61.5 38.6 57.8#

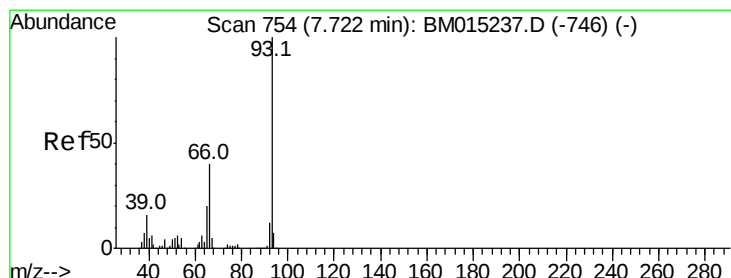
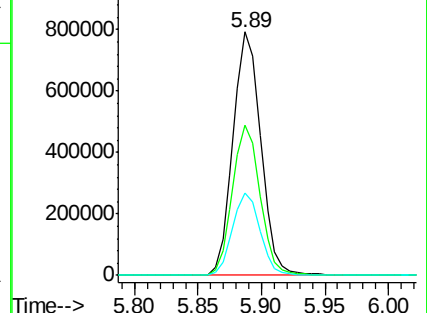
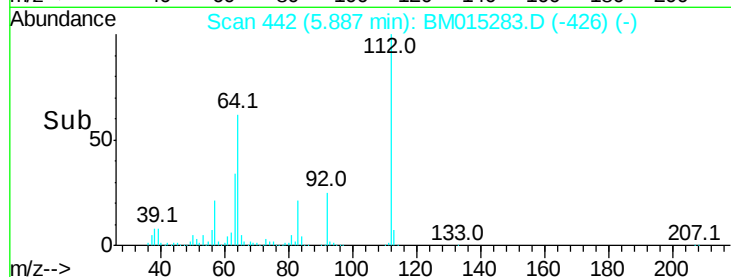
63 33.9 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 9.633 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

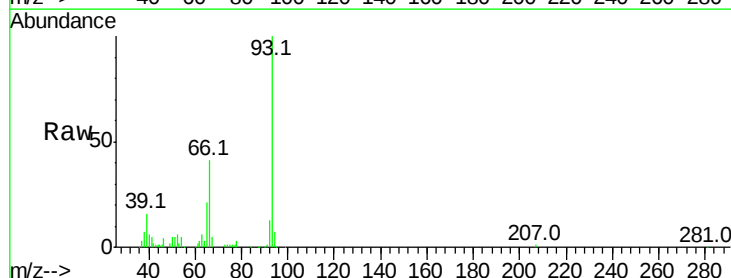
Tgt Ion: 93 Resp: 218354

Ion Ratio Lower Upper

93 100

66 41.4 30.8 46.2

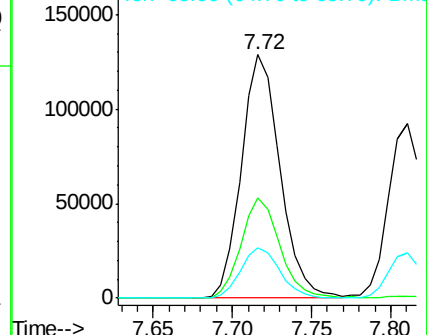
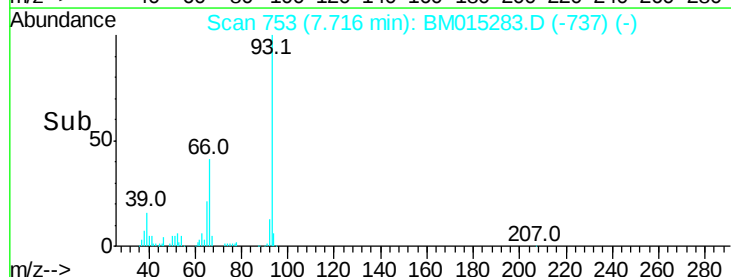
65 20.8 16.0 24.0

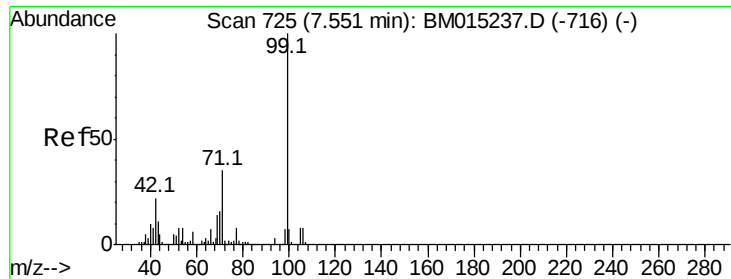


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 88.257 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

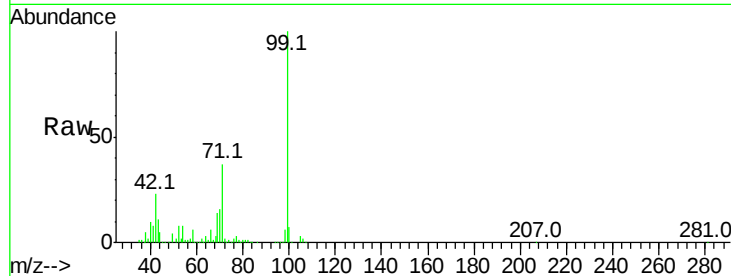
Tot Ion: 99 Resp: 1623680

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

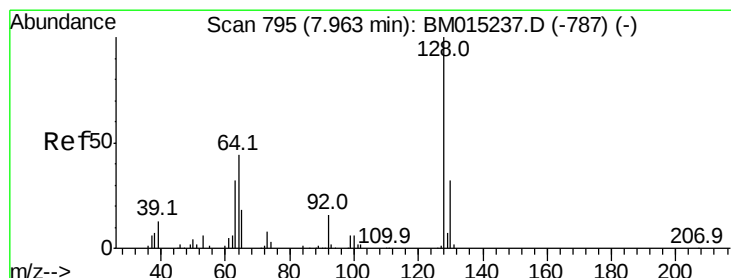
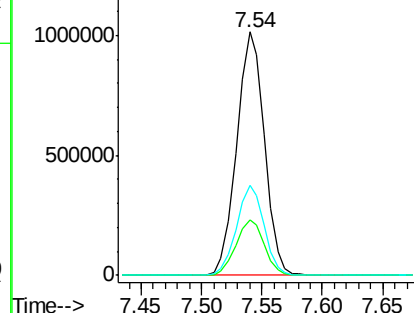
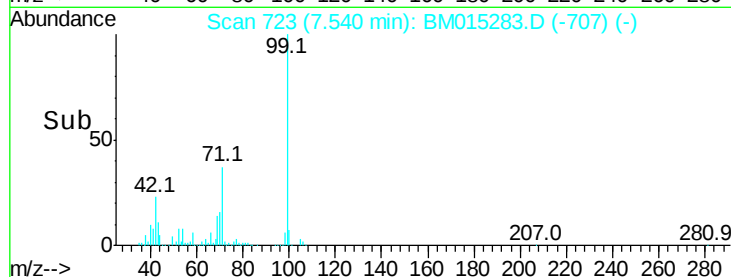
71 37.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM015283.D (-707) (-)

Ion 42.00 (41.70 to 42.70): BM015283.D (-707) (-)

Ion 71.00 (70.70 to 71.70): BM015283.D (-707) (-)



#8

2-Chlorophenol

Concen: 9.442 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

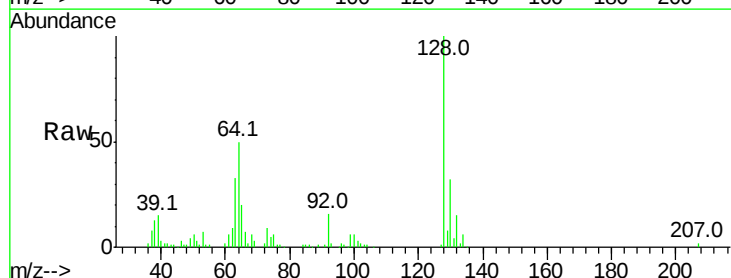
Tgt Ion:128 Resp: 150551

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

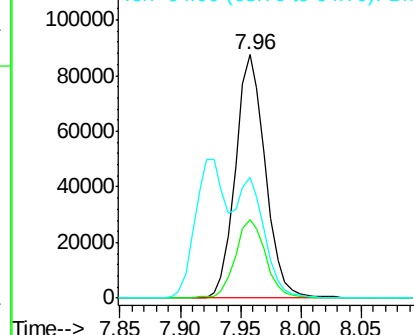
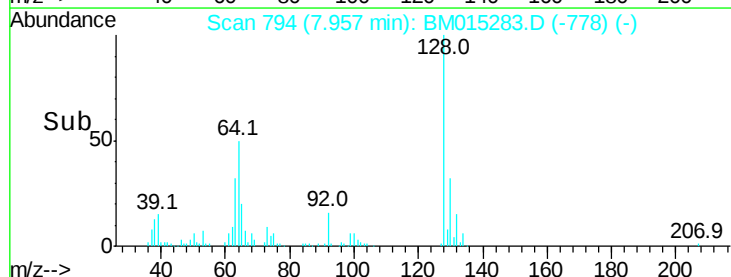
64 49.6 24.9 64.9

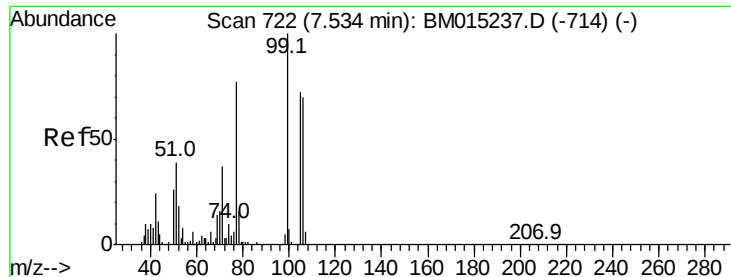


Abundance Ion 128.00 (127.70 to 128.70): BM015283.D (-778) (-)

Ion 130.00 (129.70 to 130.70): BM015283.D (-778) (-)

Ion 64.00 (63.70 to 64.70): BM015283.D (-778) (-)





#9

Benzaldehyd

Concen: 6.151 ng

RT: 7.53 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

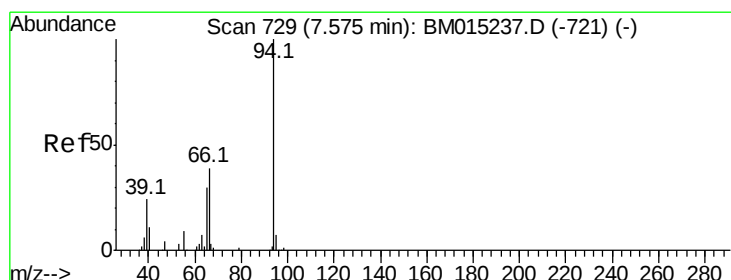
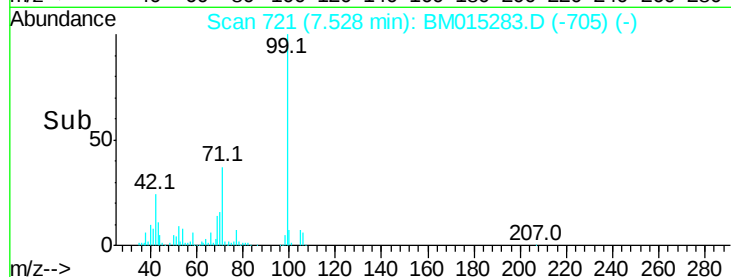
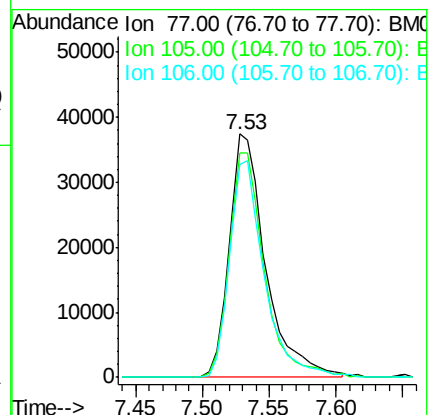
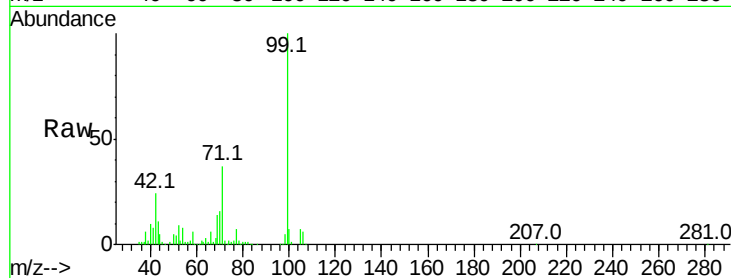
Tot Ion: 77 Resp: 71573

Ion Ratio Lower Upper

77 100

105 92.0 78.8 118.8

106 87.3 73.7 113.7



#10

Phenol

Concen: 9.581 ng

RT: 7.57 min Scan# 728

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

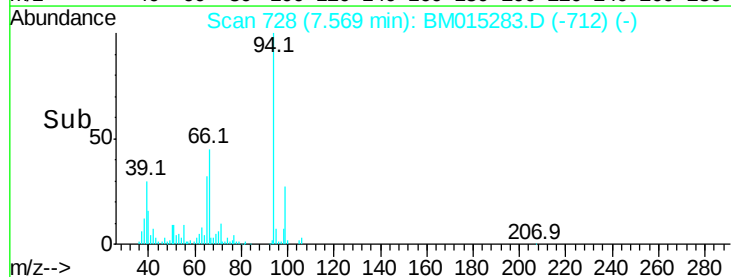
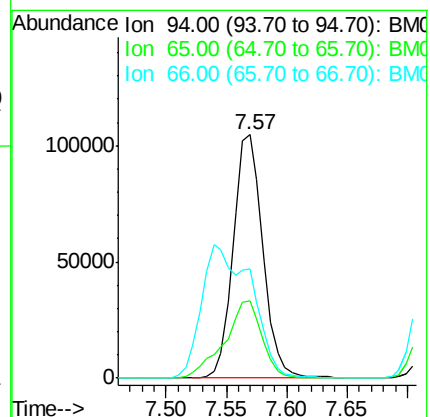
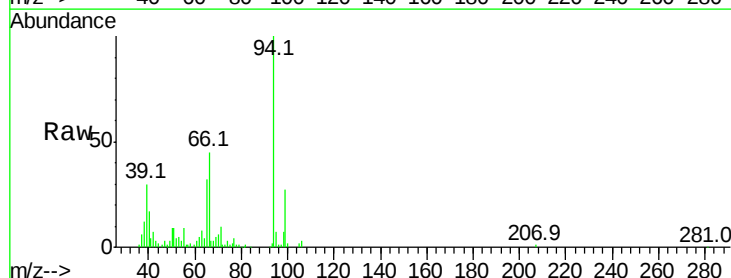
Tgt Ion: 94 Resp: 179000

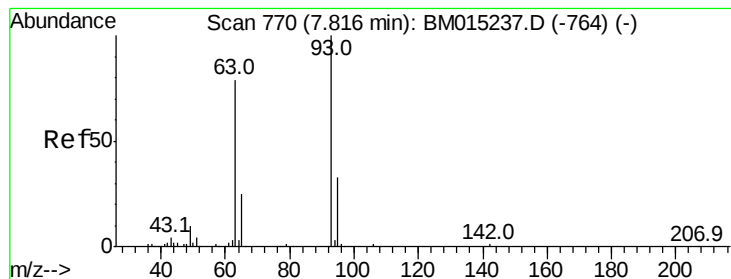
Ion Ratio Lower Upper

94 100

65 31.8 18.8 58.8

66 44.8 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 9.612 ng

RT: 7.81 min Scan# 769

Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

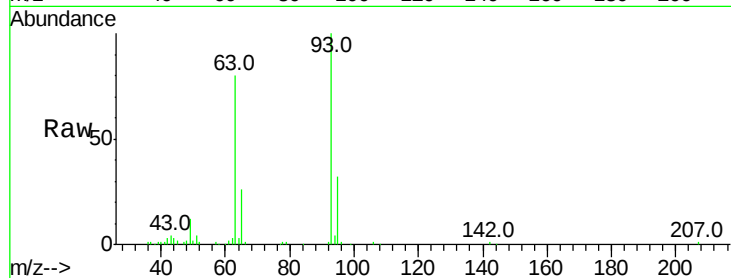
Tot Ion: 93 Resp: 142443

Ion Ratio Lower Upper

93 100

63 79.9 49.5 89.5

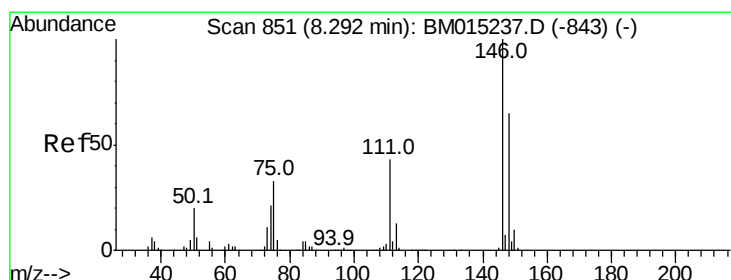
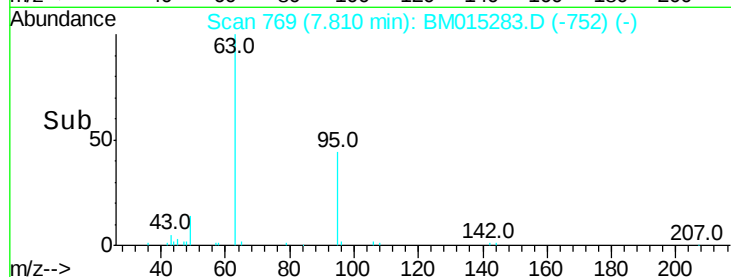
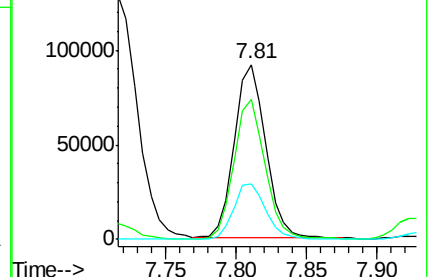
95 31.8 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM015237.D (-764) (-)

Ion 63.00 (62.70 to 63.70): BM015237.D (-764) (-)

Ion 95.00 (94.70 to 95.70): BM015237.D (-764) (-)



#12

1,3-Dichlorobenzene

Concen: 9.392 ng

RT: 8.29 min Scan# 850

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

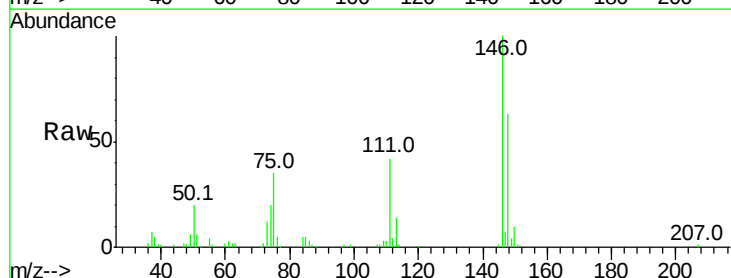
Tgt Ion: 146 Resp: 170740

Ion Ratio Lower Upper

146 100

148 62.5 50.9 76.3

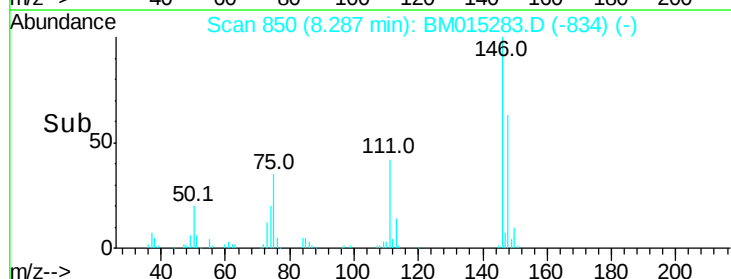
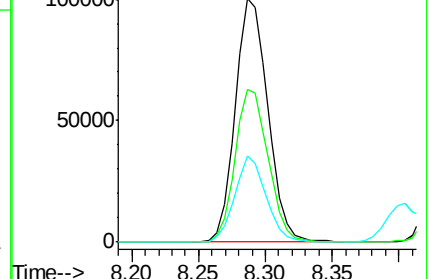
75 35.2 21.4 32.2#

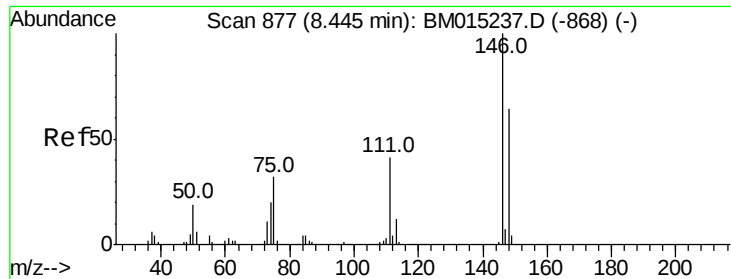


Abundance Ion 146.00 (145.70 to 146.70): BM015237.D (-843) (-)

Ion 148.00 (147.70 to 148.70): BM015237.D (-843) (-)

Ion 75.00 (74.70 to 75.70): BM015237.D (-843) (-)

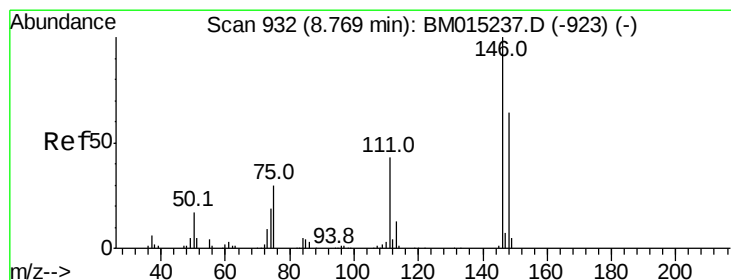
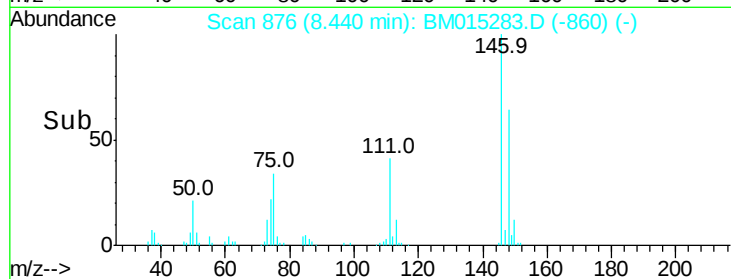
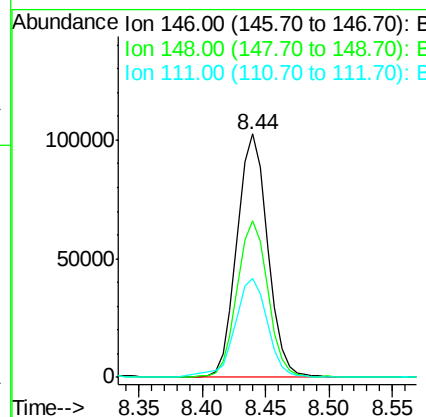
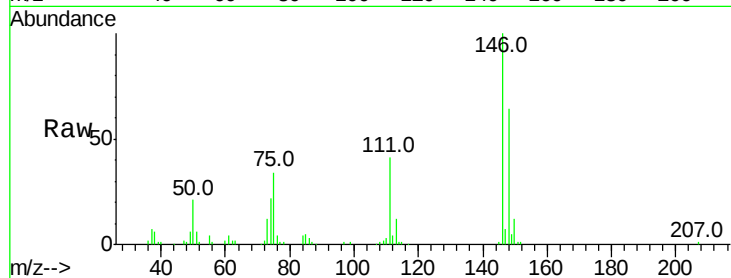




#13
 1,4-Dichlorobenzene
 Concen: 9.378 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

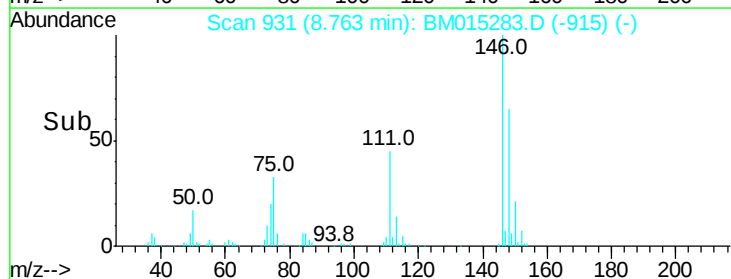
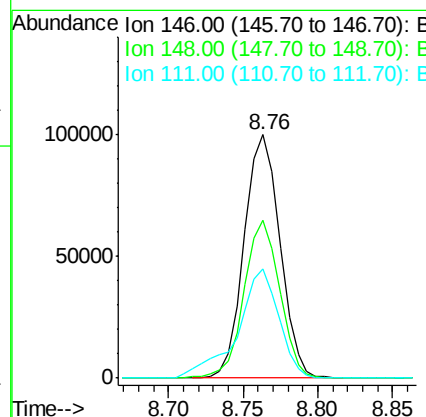
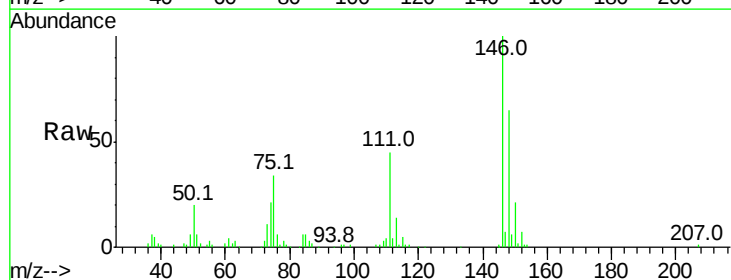
Instrument :
 BNA_M
 ClientSampleId :

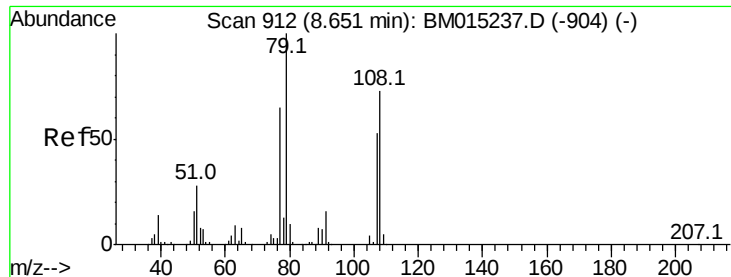
Tot Ion:146 Resp: 172379
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 40.8 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 9.538 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:146 Resp: 166391
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 44.7 30.6 45.8





#15

Benzyl Alcohol

Concen: 9.423 ng

RT: 8.65 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampled :

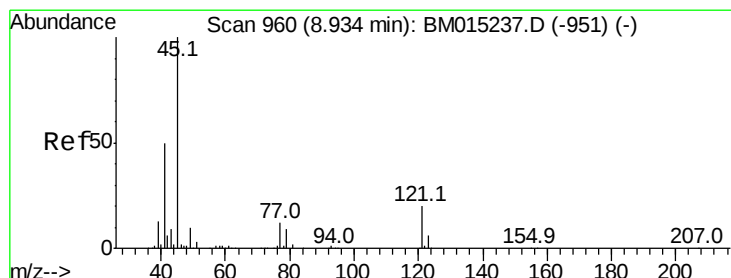
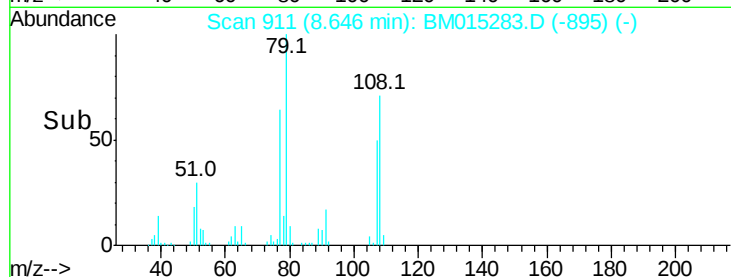
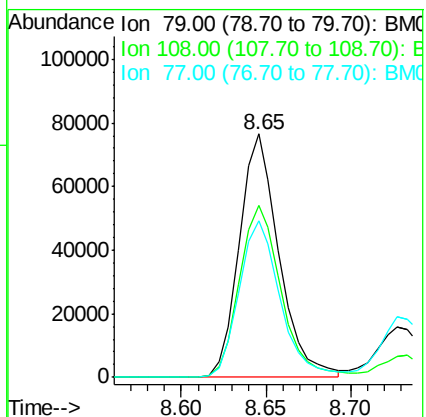
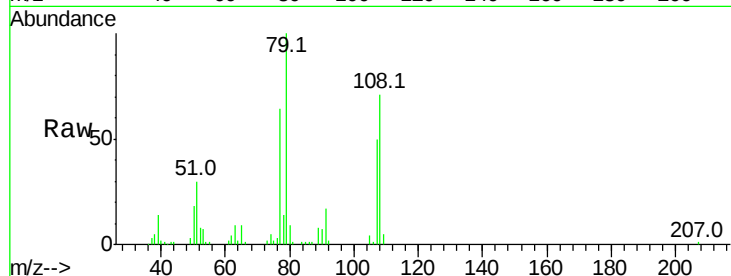
Tot Ion: 79 Resp: 125352

Ion Ratio Lower Upper

79 100

108 70.8 65.0 97.4

77 64.1 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.999 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

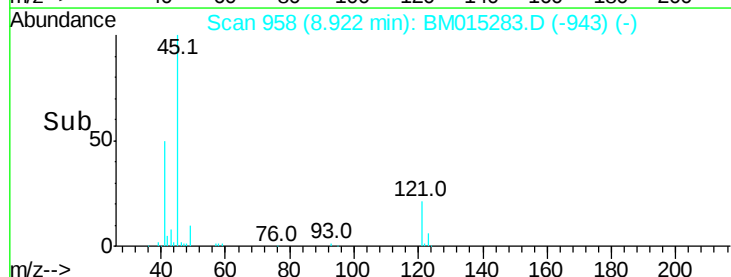
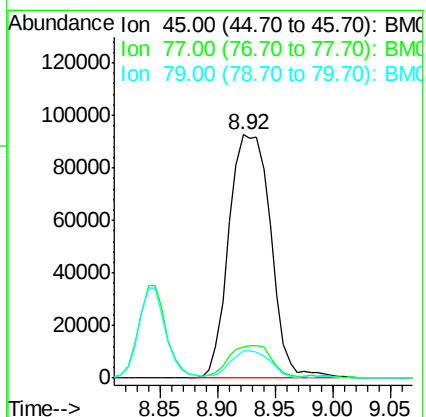
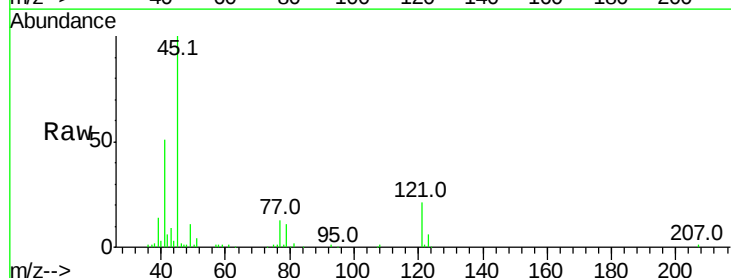
Tgt Ion: 45 Resp: 233766

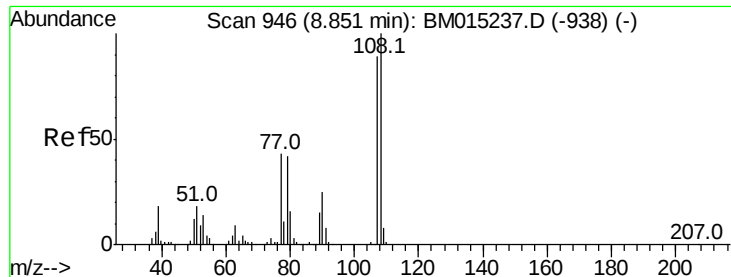
Ion Ratio Lower Upper

45 100

77 13.0 0.0 35.2

79 11.1 0.0 32.0

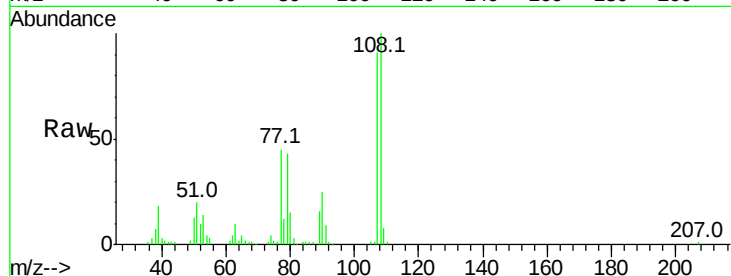




#17
2-Methylphenol
Concen: 9.514 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.8	134.8
77	49.4	32.6	48.8#
79	47.9	32.8	49.2



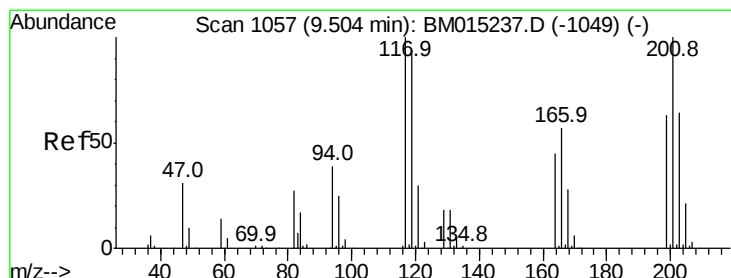
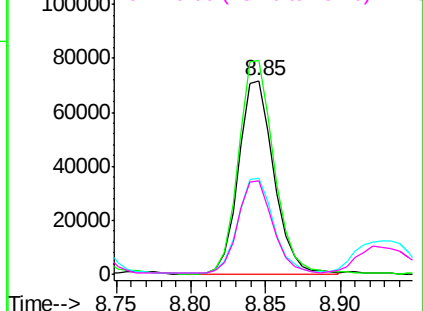
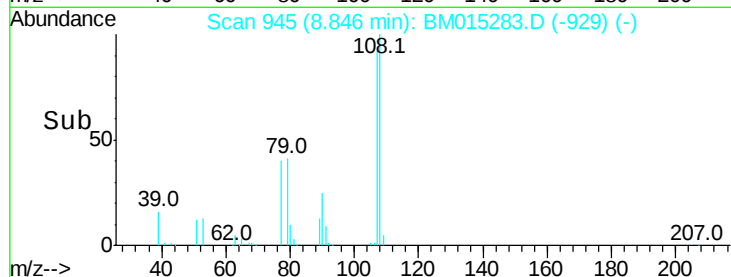
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

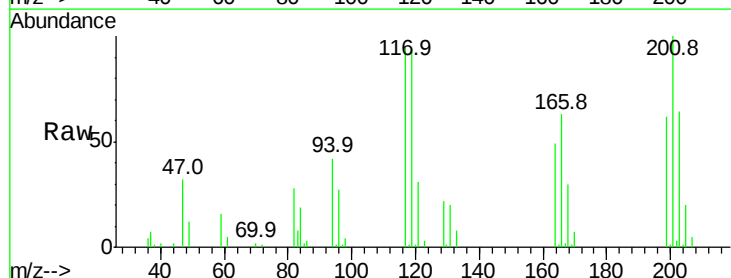
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 9.278 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	79.2	118.8
201	105.1	69.8	104.6#

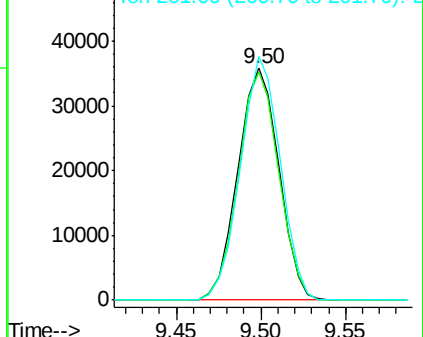
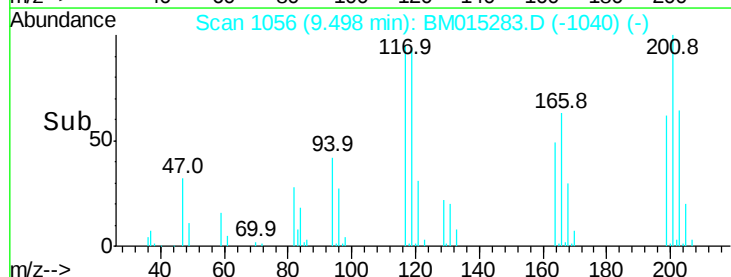


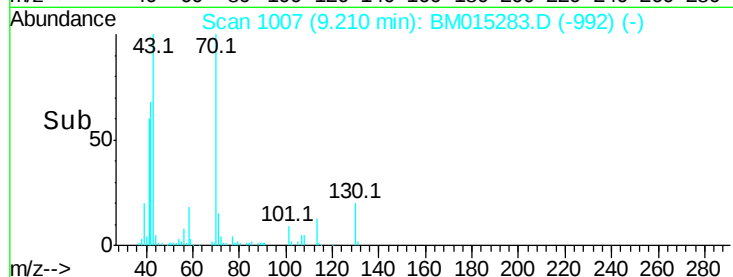
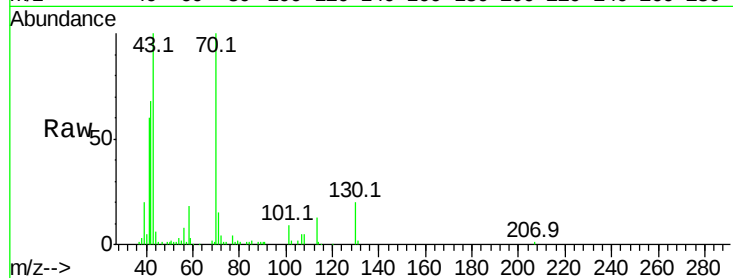
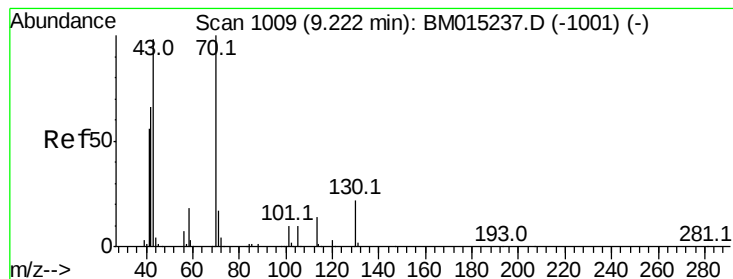
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 9.845 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 115443

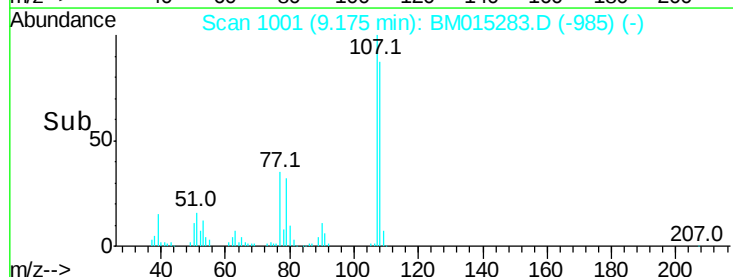
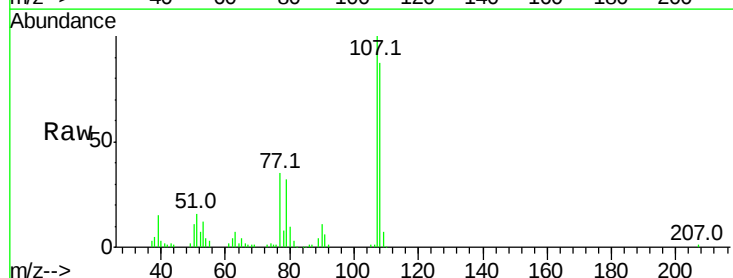
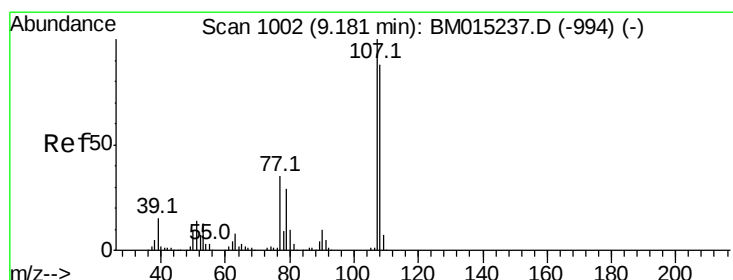
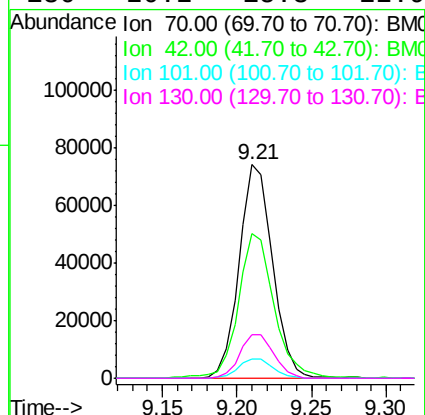
Ion Ratio Lower Upper

70 100

42 67.5 44.5 66.7#

101 9.3 7.4 11.2

130 20.2 15.3 22.9



#20

3+4-Methylphenols

Concen: 9.615 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion: 107 Resp: 158564

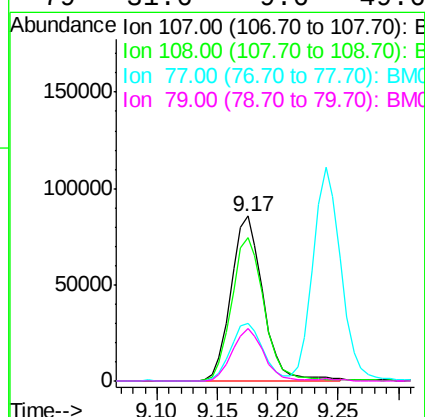
Ion Ratio Lower Upper

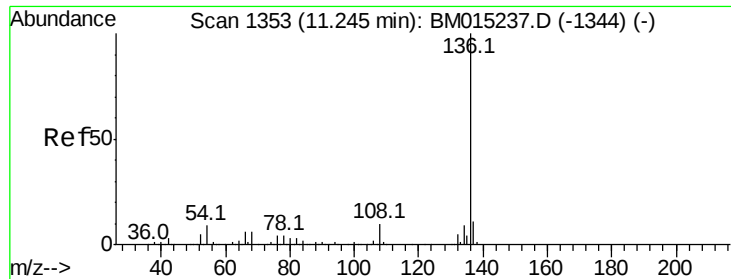
107 100

108 87.3 73.2 113.2

77 34.7 10.7 50.7

79 31.6 9.6 49.6

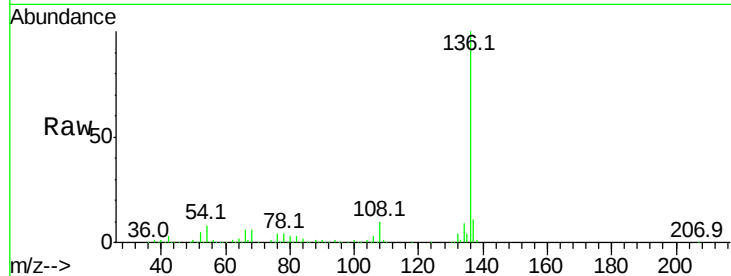




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	944953
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.7	13.1
54 8.4	4.6	6.8#
68 6.1	3.7	5.5#



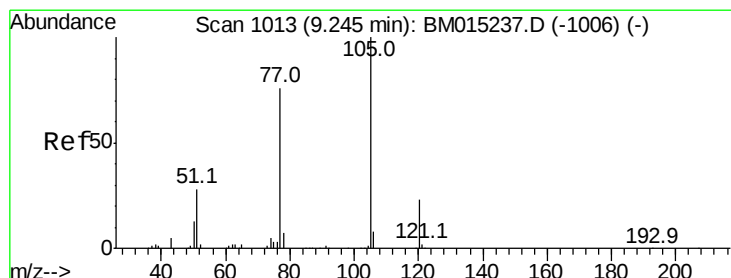
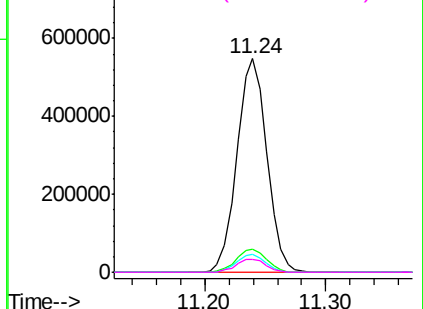
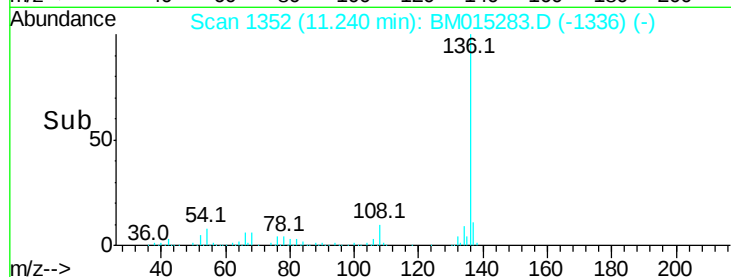
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

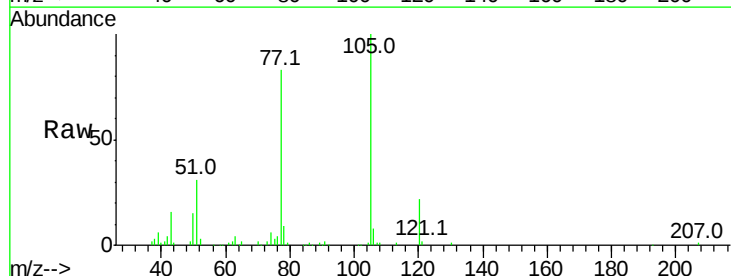
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 9.907 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt	Ion:105	Resp:	224580
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	31.0	21.6	32.4
120	22.4	16.1	24.1



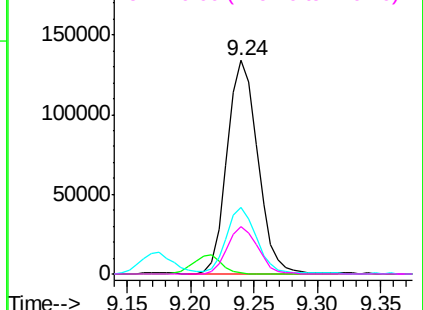
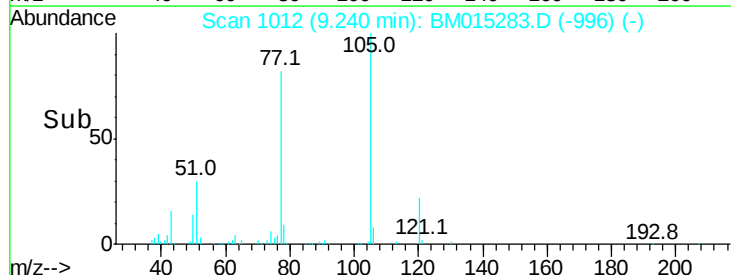
Abundance

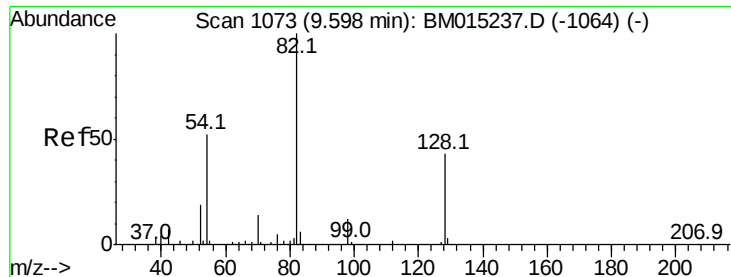
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

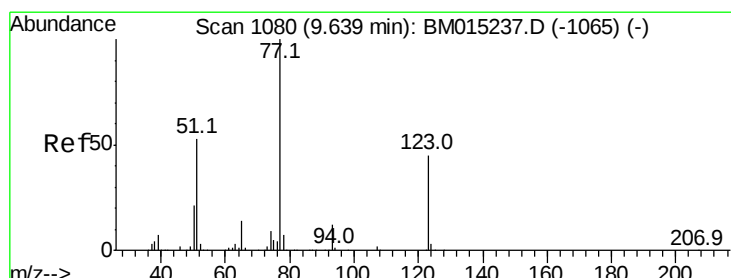
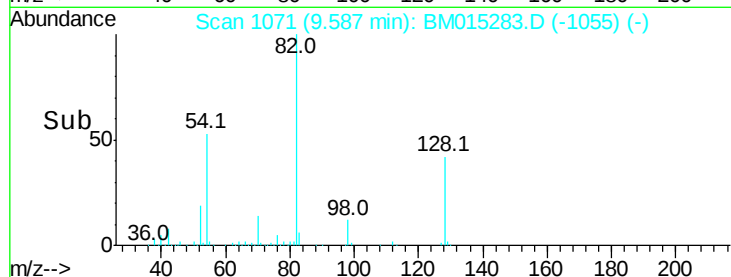
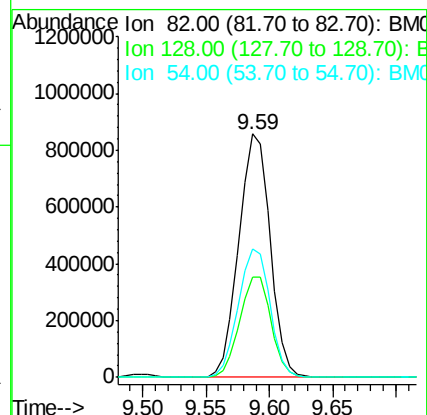
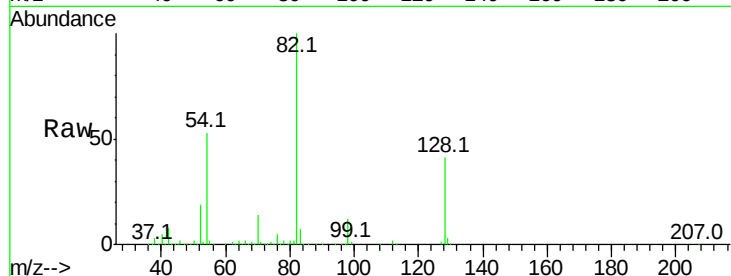




#23
Nitrobenzene-d5
Concen: 85.285 ng
RT: 9.59 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

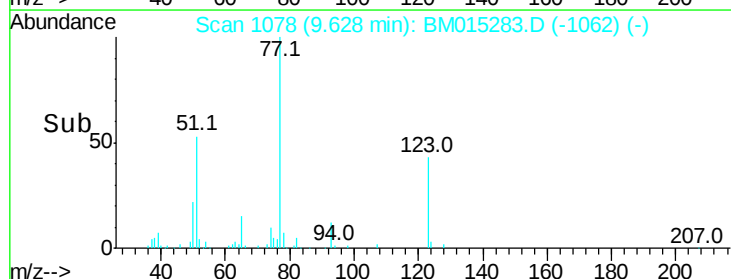
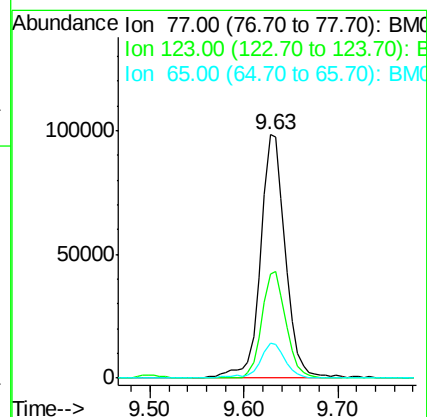
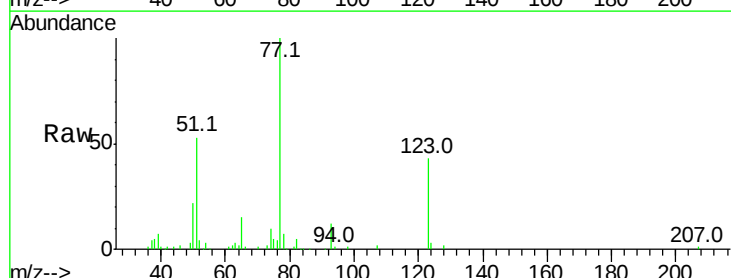
Instrument :
BNA_M
ClientSampled :

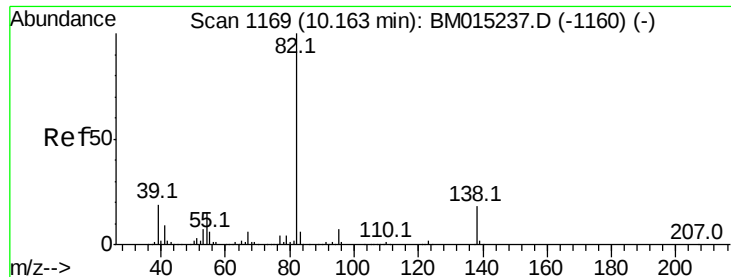
Tot Ion: 82 Resp: 1471156
Ion Ratio Lower Upper
82 100
128 41.4 32.8 49.2
54 52.8 40.6 60.8



#24
Nitrobenzene
Concen: 10.031 ng
RT: 9.63 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion: 77 Resp: 180172
Ion Ratio Lower Upper
77 100
123 42.6 32.6 49.0
65 14.5 10.9 16.3





#25

Isophorone

Concen: 9.746 ng

RT: 10.15 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampled :

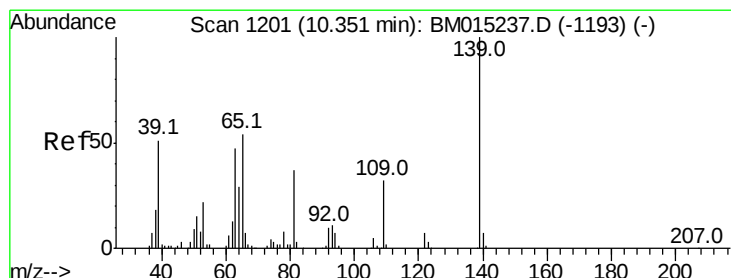
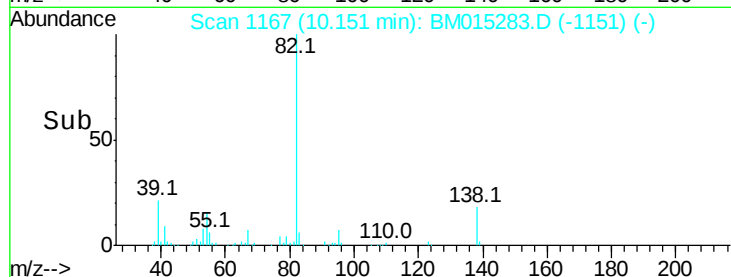
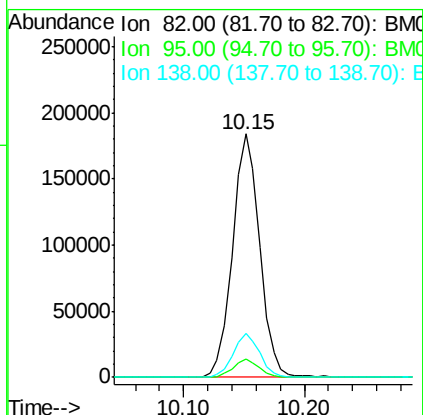
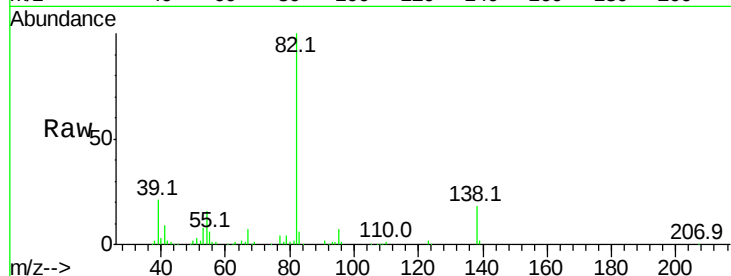
Tot Ion: 82 Resp: 288766

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 18.3 16.3 24.5



#26

2-Nitrophenol

Concen: 8.422 ng

RT: 10.35 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

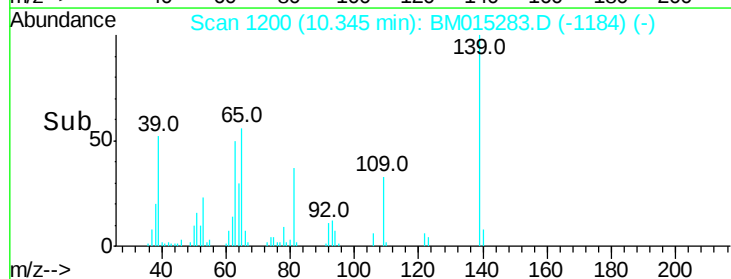
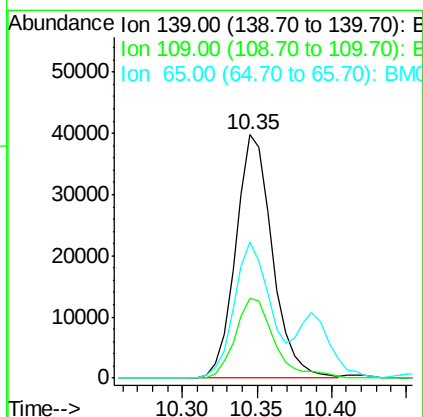
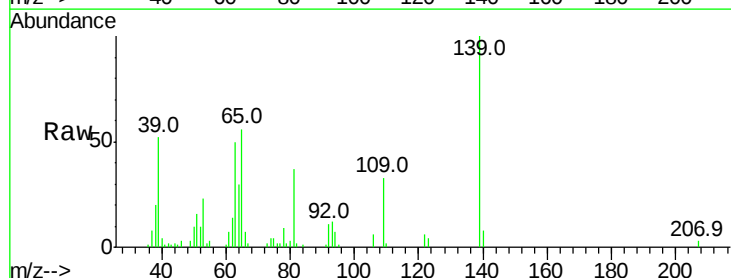
Tgt Ion: 139 Resp: 67870

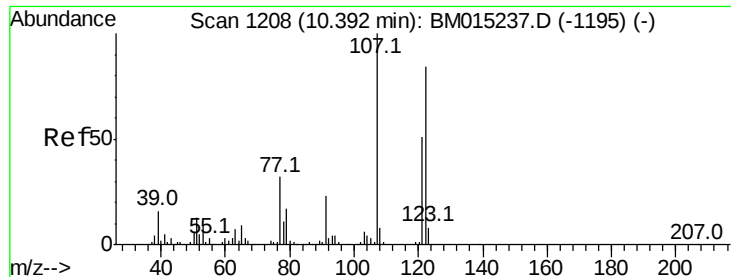
Ion Ratio Lower Upper

139 100

109 32.6 20.1 30.1#

65 55.6 31.5 47.3#

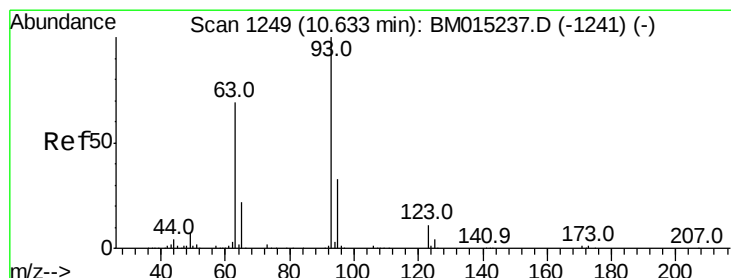
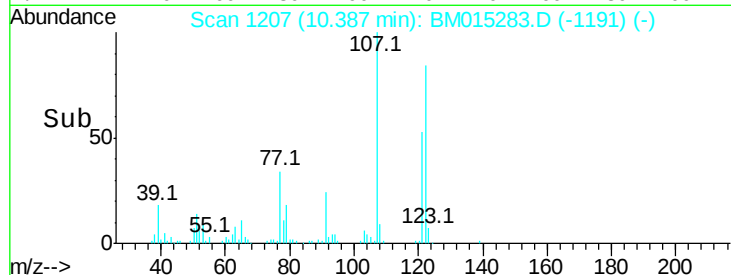
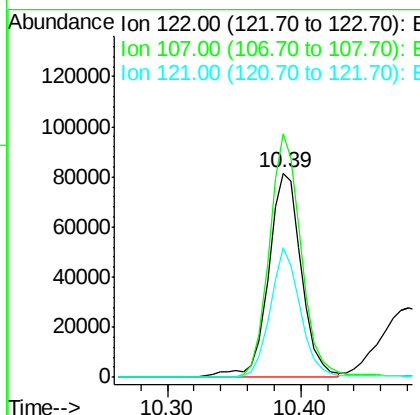
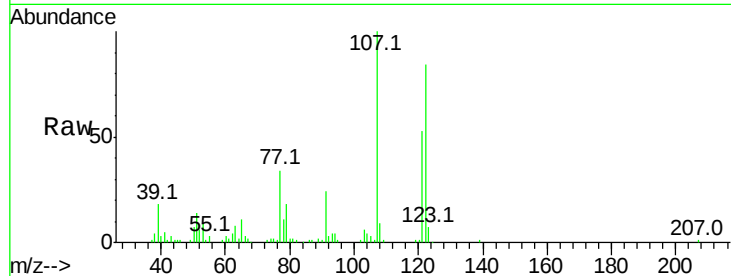




#27
2,4-Dimethylphenol
Concen: 9.599 ng
RT: 10.39 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

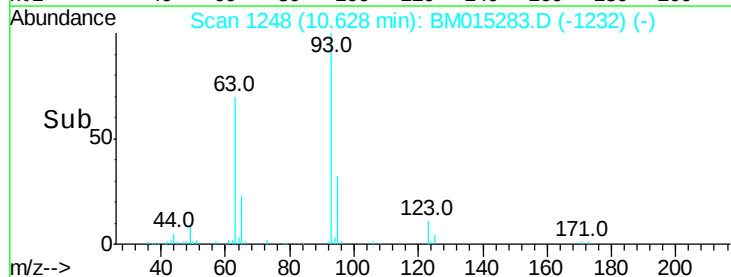
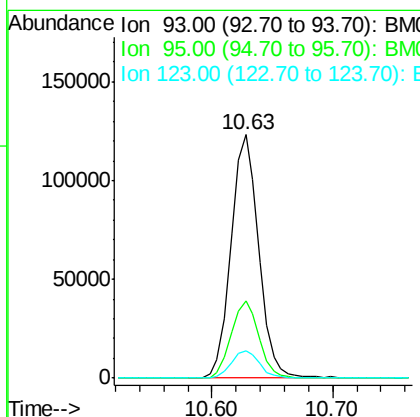
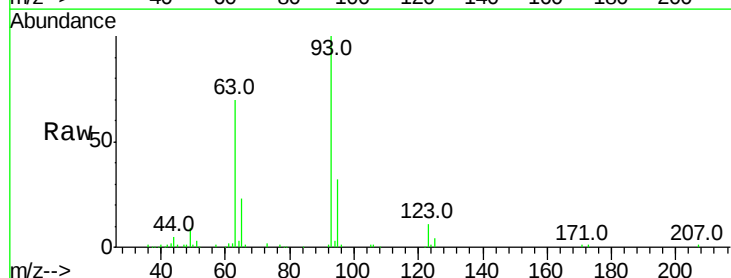
Instrument :
BNA_M
ClientSampleId :

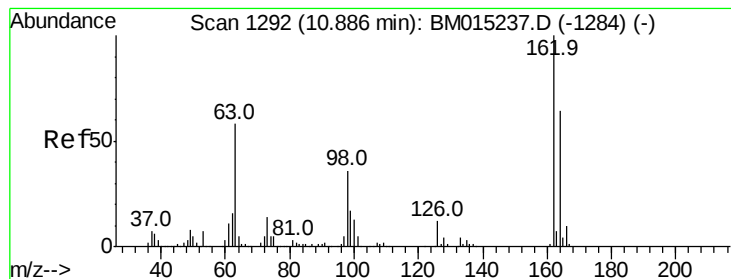
Tot Ion:122 Resp: 140294
Ion Ratio Lower Upper
122 100
107 119.2 84.7 127.1
121 63.2 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 10.148 ng
RT: 10.63 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion: 93 Resp: 196873
Ion Ratio Lower Upper
93 100
95 31.9 25.5 38.3
123 11.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 9.629 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

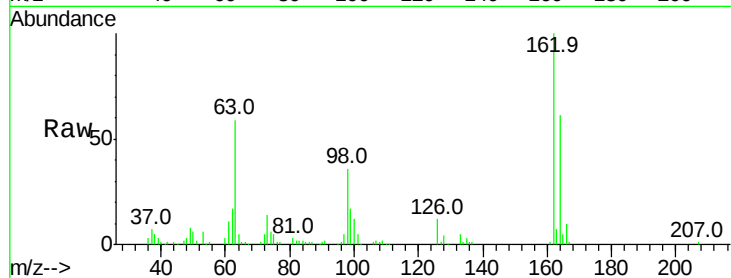
Tot Ion:162 Resp: 133272

Ion Ratio Lower Upper

162 100

164 61.2 42.8 82.8

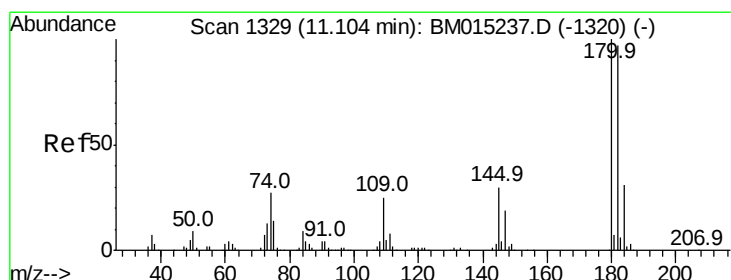
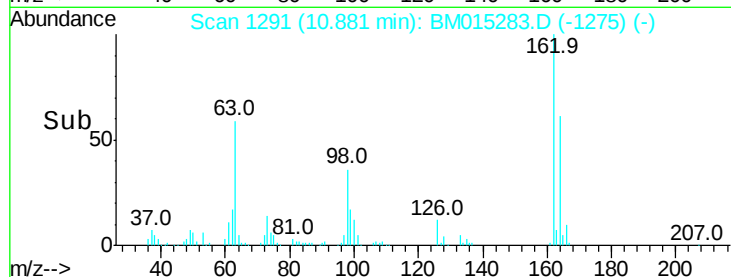
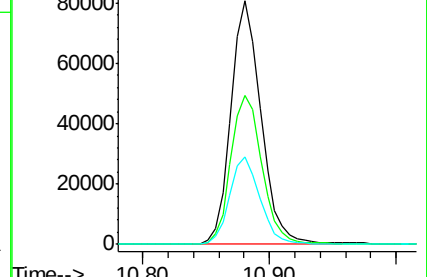
98 36.0 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 9.616 ng

RT: 11.10 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

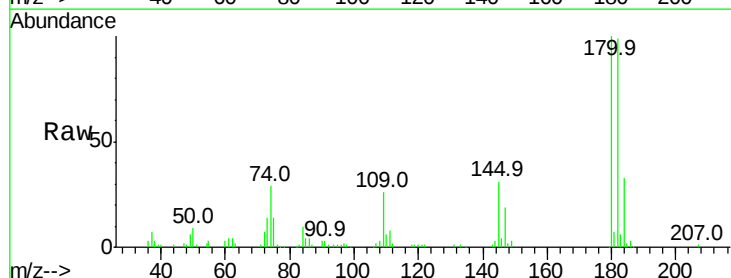
Tgt Ion:180 Resp: 156798

Ion Ratio Lower Upper

180 100

182 99.3 77.6 116.4

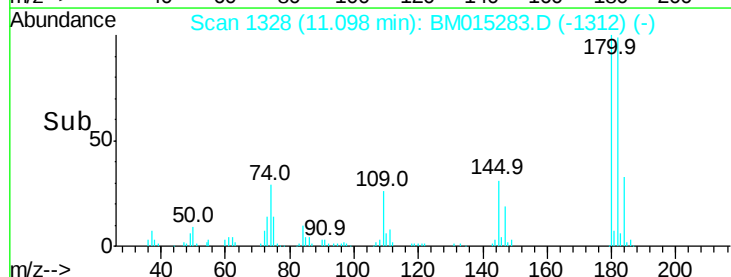
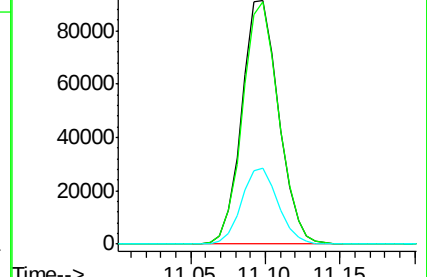
145 31.3 23.4 35.2

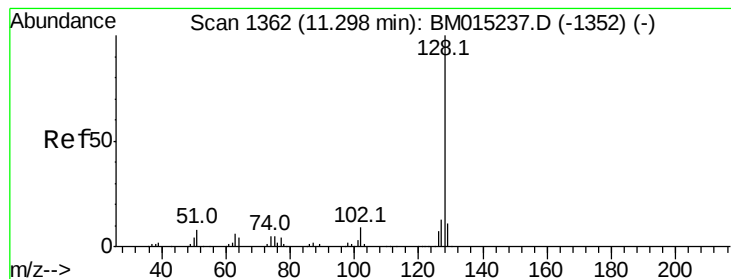


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 9.742 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

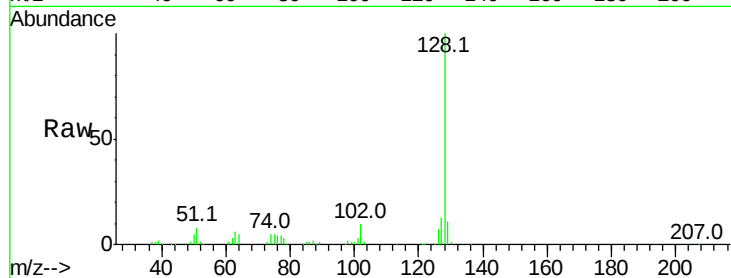
Tot Ion:128 Resp: 478466

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

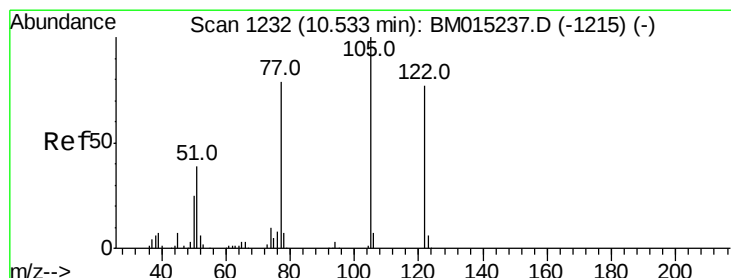
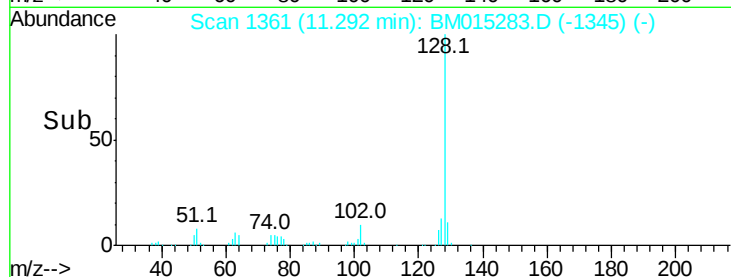
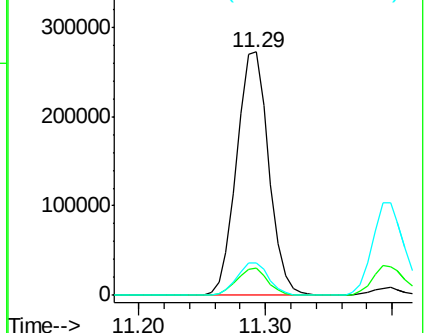
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.006 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.04 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

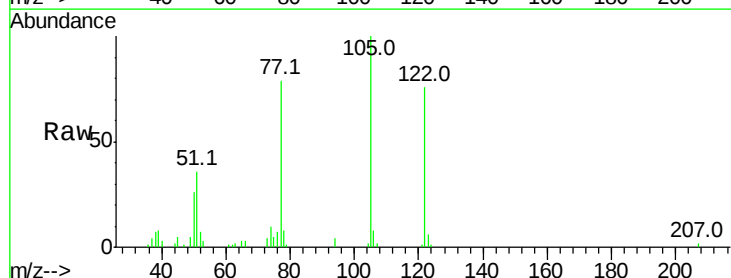
Tgt Ion:122 Resp: 67688

Ion Ratio Lower Upper

122 100

105 131.5 99.9 139.9

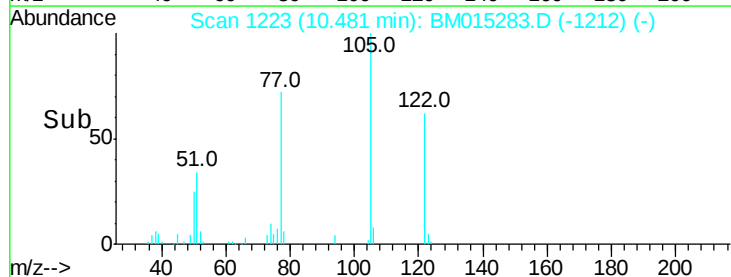
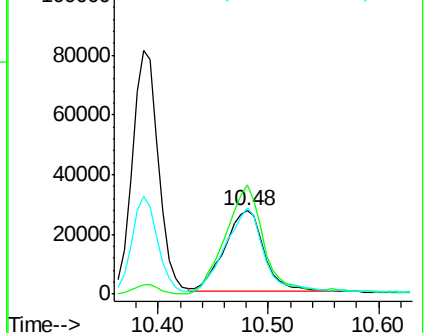
77 103.2 73.7 113.7

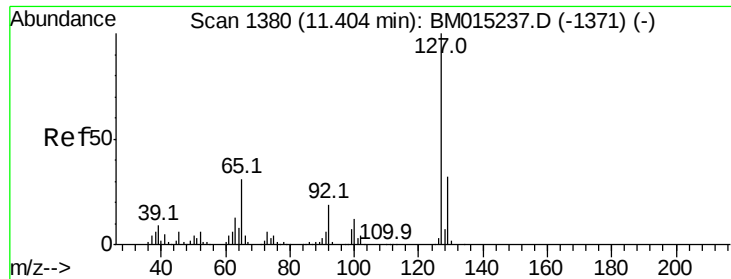


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

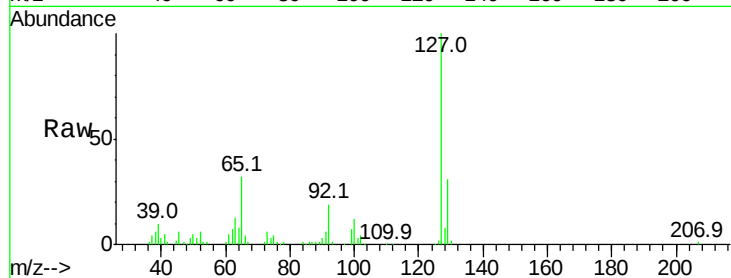




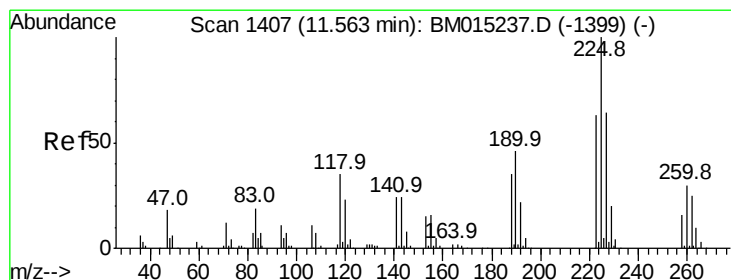
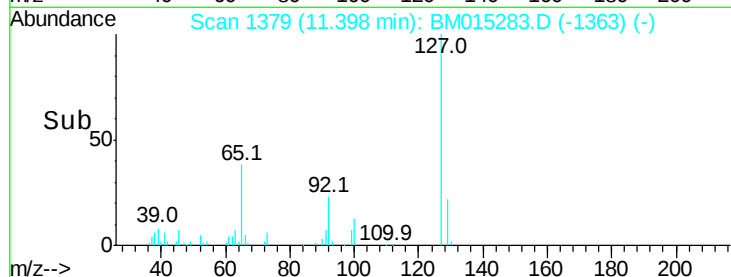
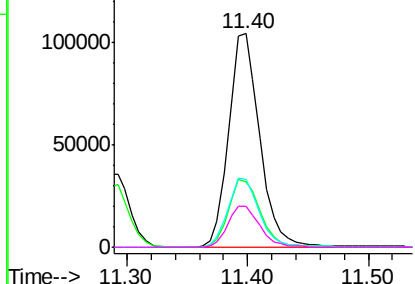
#33
4-Chloroaniline
Concen: 9.582 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	187801
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.3	37.9
65	32.0	17.6	26.4
92	19.3	13.1	19.7

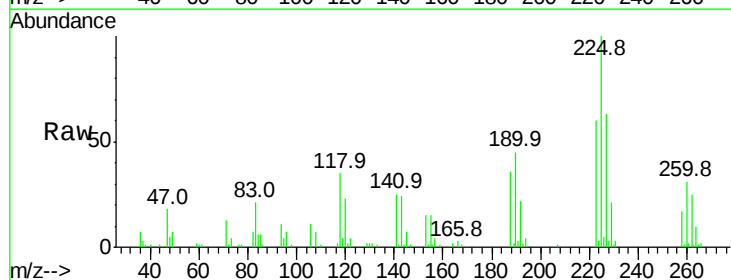


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

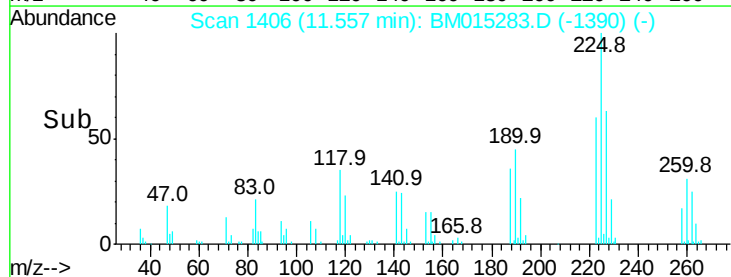
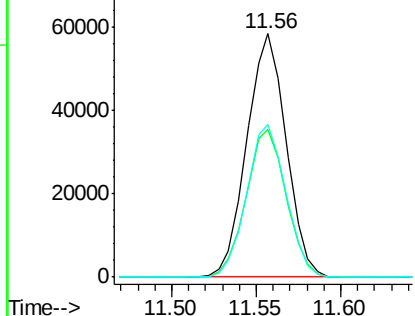


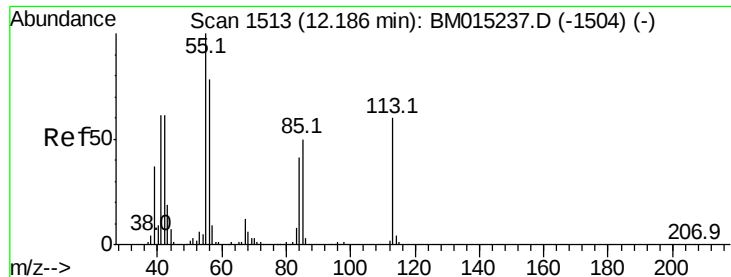
#34
Hexachlorobutadiene
Concen: 9.769 ng
RT: 11.56 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:	225	Resp:	94721
Ion	Ratio	Lower	Upper
225	100		
223	60.5	47.9	71.9
227	63.0	50.1	75.1



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: 8.302 ng

RT: 12.16 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

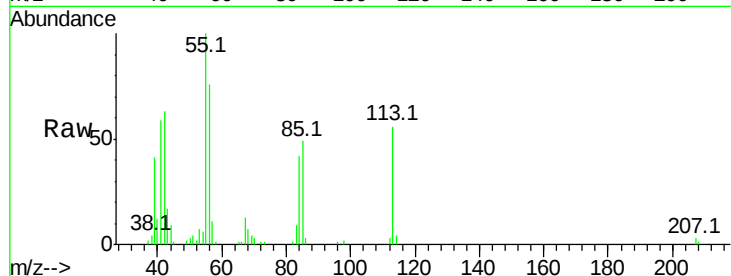
Tot Ion:113 Resp: 32522

Ion Ratio Lower Upper

113 100

55 177.4 145.9 185.9

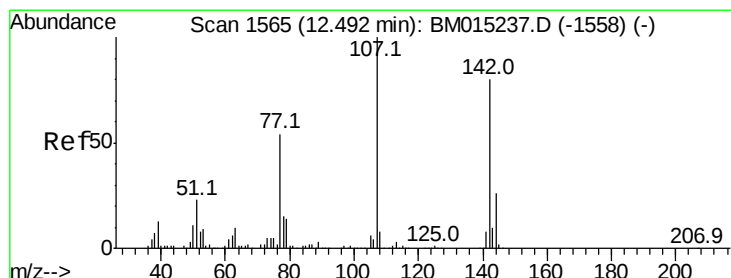
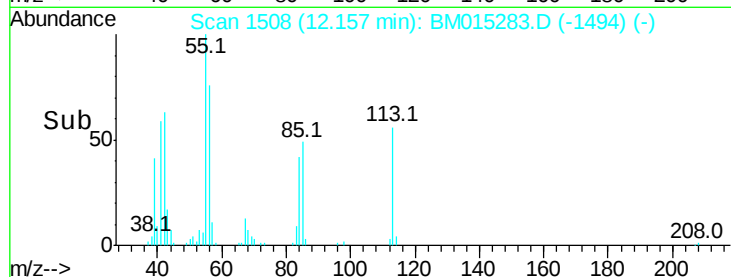
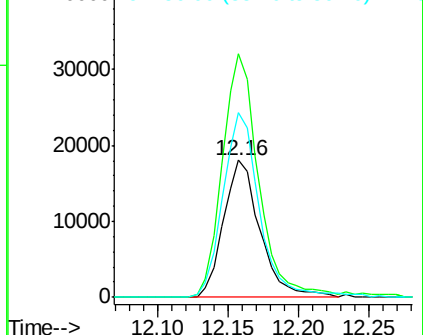
56 134.7 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 9.847 ng

RT: 12.49 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

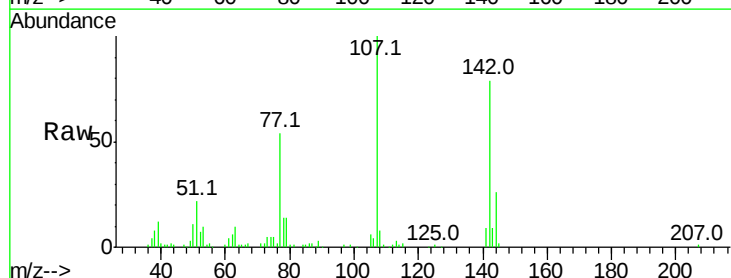
Tgt Ion:107 Resp: 139227

Ion Ratio Lower Upper

107 100

144 26.5 23.3 34.9

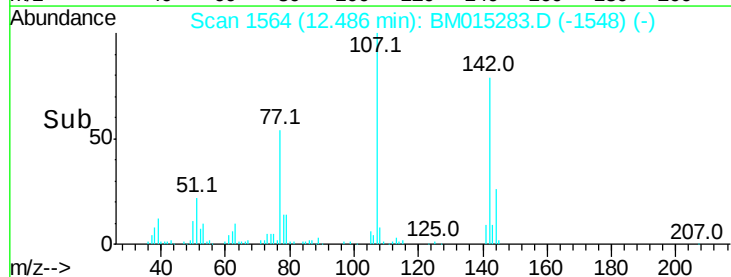
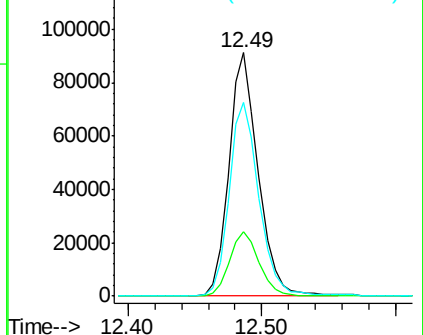
142 79.4 72.6 109.0

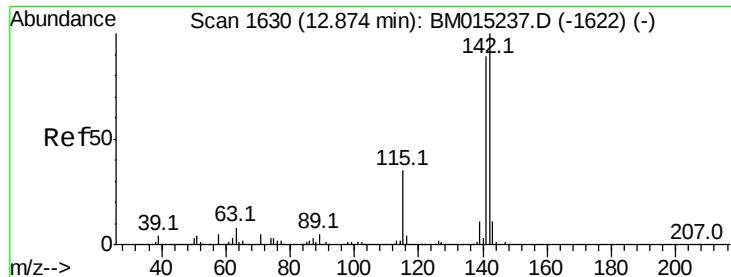


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

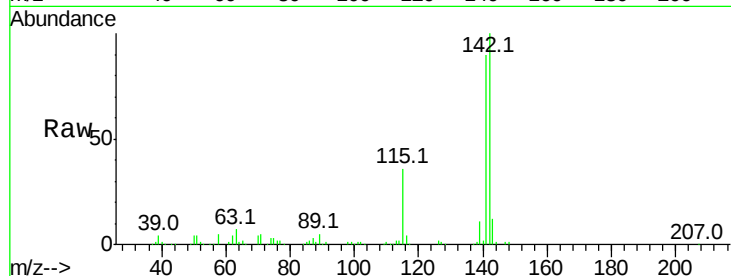




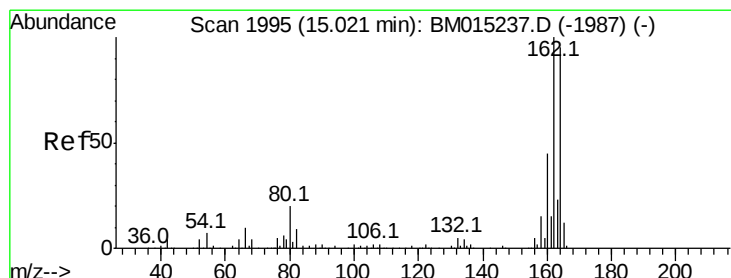
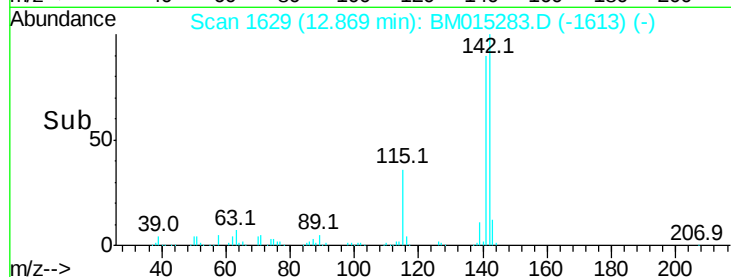
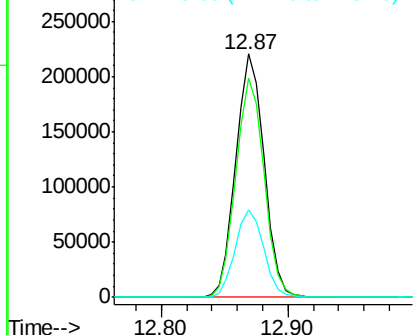
#37
2-Methylnaphthalene
Concen: 10.033 ng
RT: 12.87 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9
115	36.0	25.4	38.0

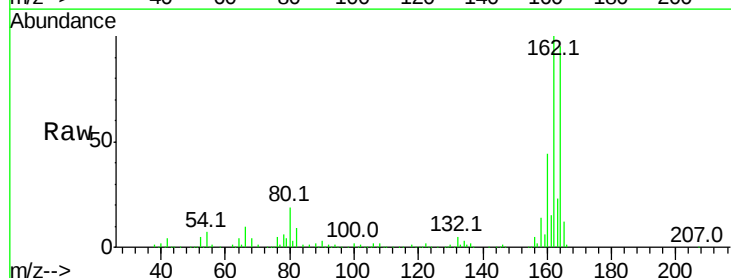


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

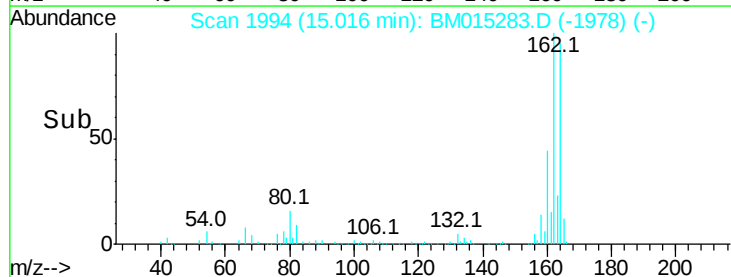
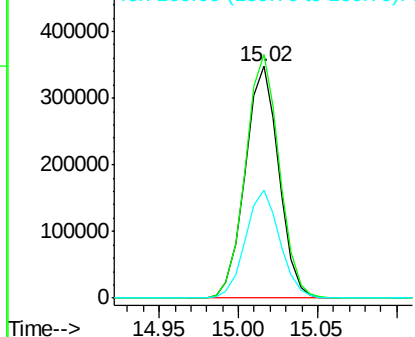


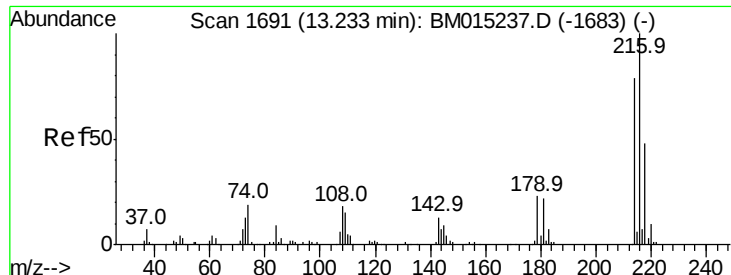
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.4	123.6
160	46.7	35.8	53.6



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

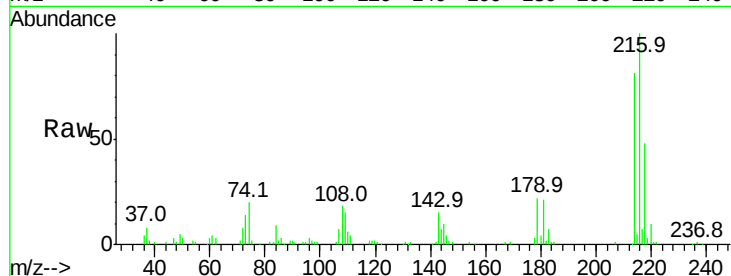




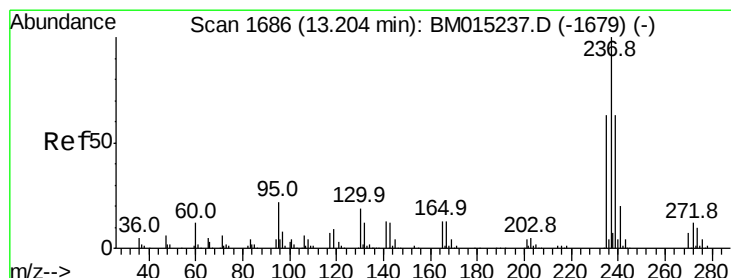
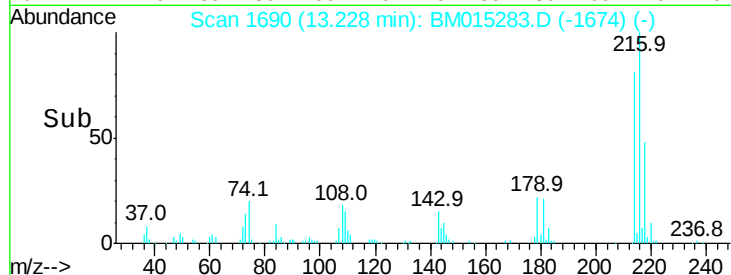
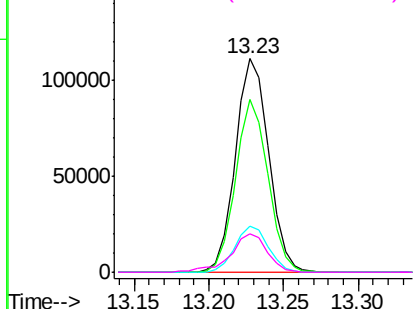
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.579 ng
 RT: 13.23 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	216	Resp:	172161
Ion	Ratio	Lower	Upper
216	100		
214	78.8	0.0	0.0#
179	21.6	0.0	0.0#
108	19.8	0.0	0.0#

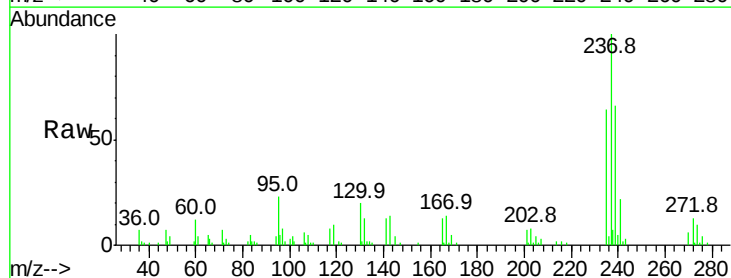


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

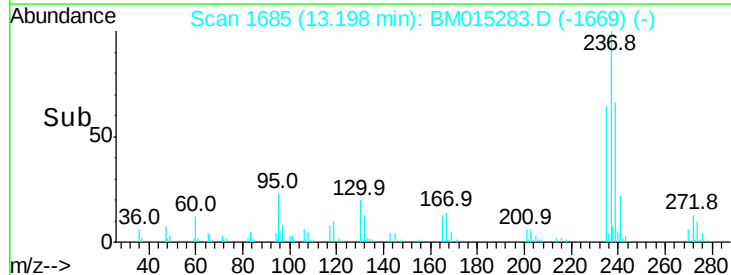
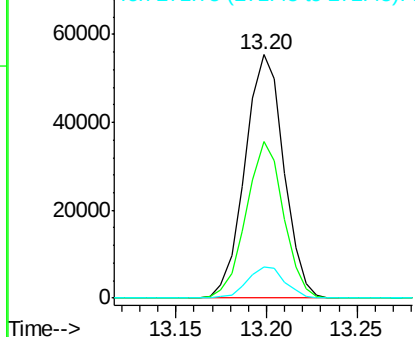


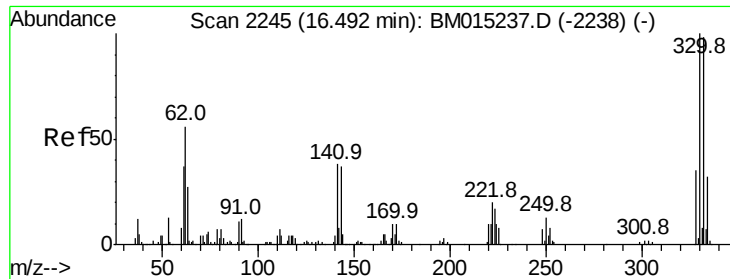
#40
 Hexachlorocyclopentadiene
 Concen: 11.826 ng
 RT: 13.20 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:	237	Resp:	82422
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.0	82.0
272	12.8	0.0	33.4



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

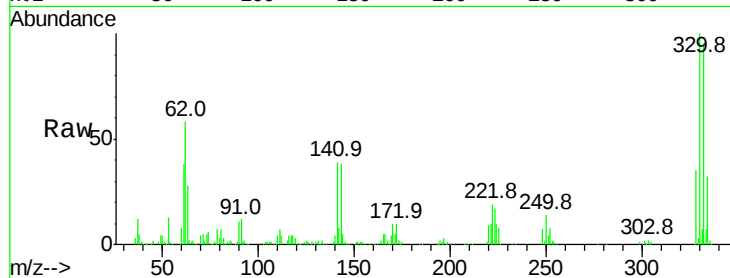




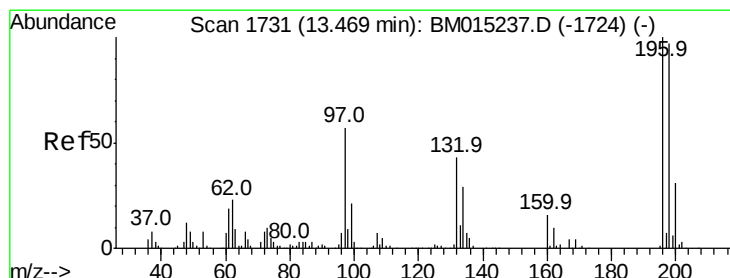
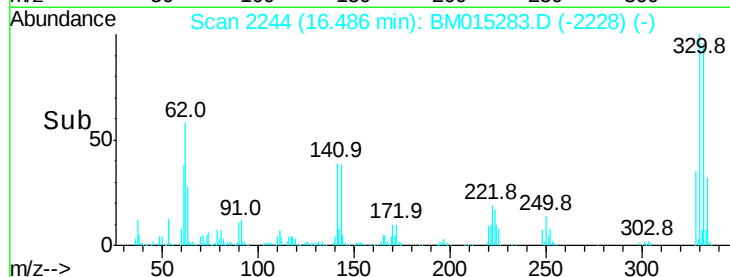
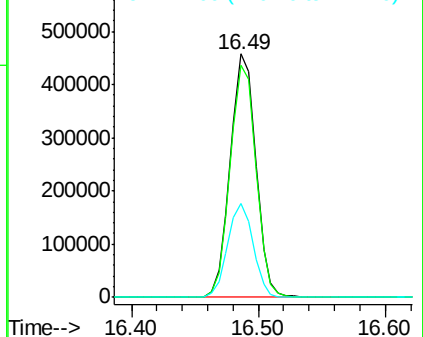
#41
 2,4,6-Tribromophenol
 Concen: 99.929 ng
 RT: 16.49 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	38.3	0.0	0.0#

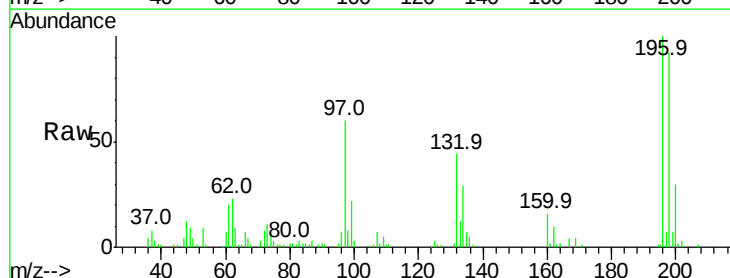


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

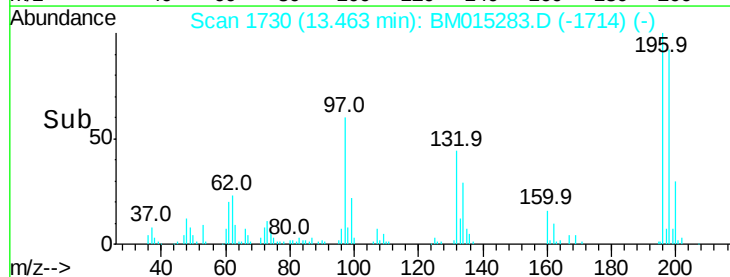
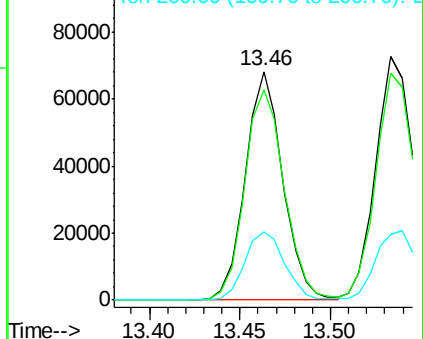


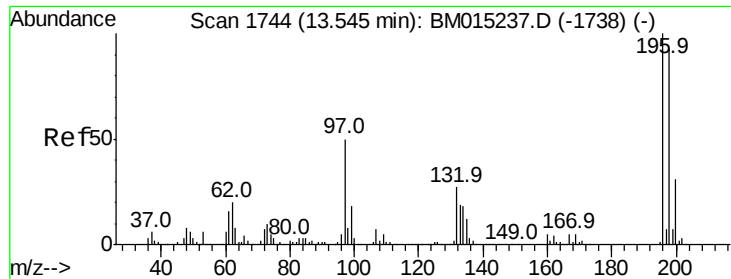
#42
 2,4,6-Trichlorophenol
 Concen: 9.095 ng
 RT: 13.46 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	76.3	114.5
200	29.6	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

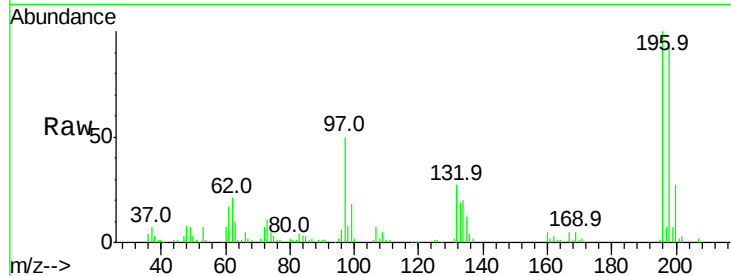




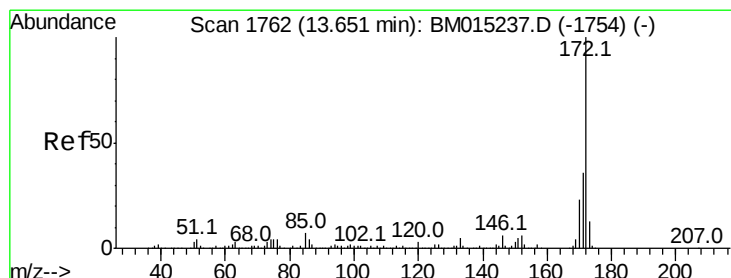
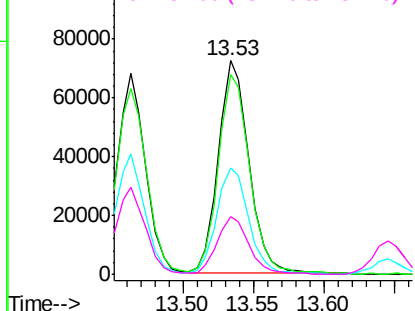
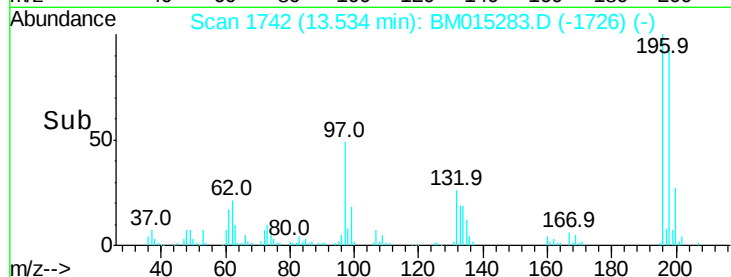
#43
 2,4,5-Trichlorophenol
 Concen: 9.335 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 108866
 Ion Ratio Lower Upper
 196 100
 198 93.3 79.4 119.0
 97 49.6 26.8 40.2#
 132 27.0 18.6 28.0

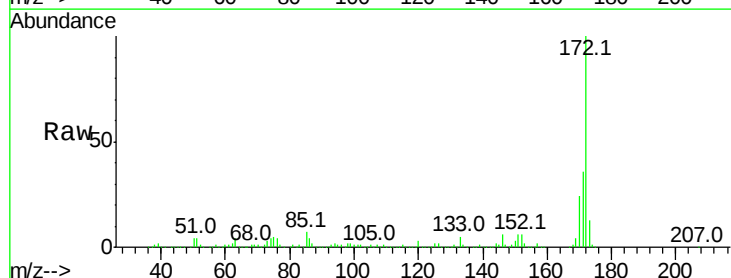


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BMO
 Ion 132.00 (131.70 to 132.70): E

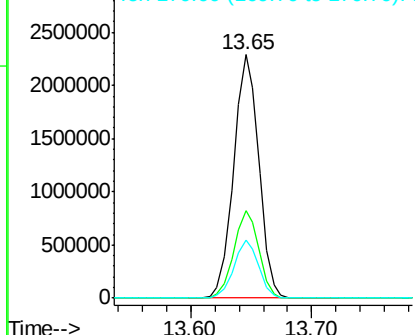
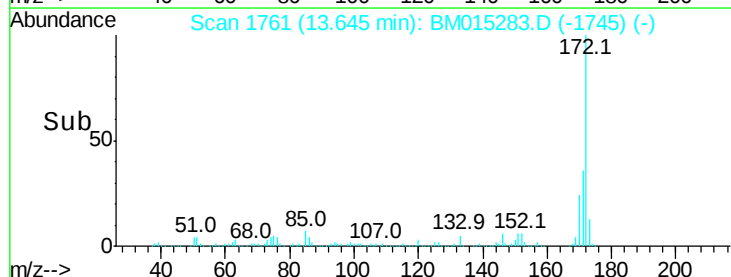


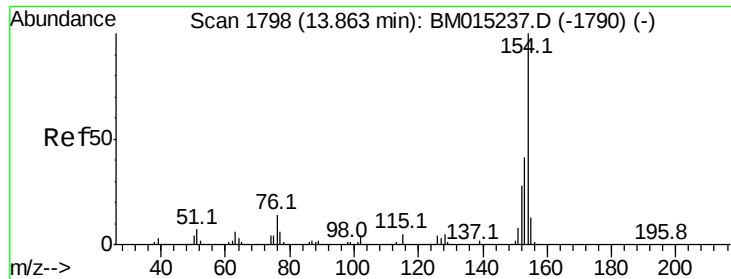
#44
 2-Fluorobiphenyl
 Concen: 80.717 ng
 RT: 13.65 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:172 Resp: 3313197
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 23.6 18.8 28.2



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





#45

1,1'-Biphenyl

Concen: 9.833 ng

RT: 13.86 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

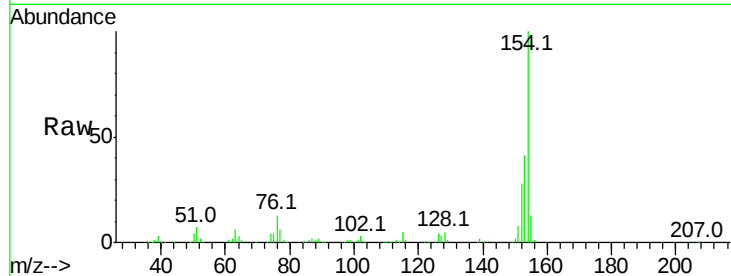
Tot Ion:154 Resp: 438992

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

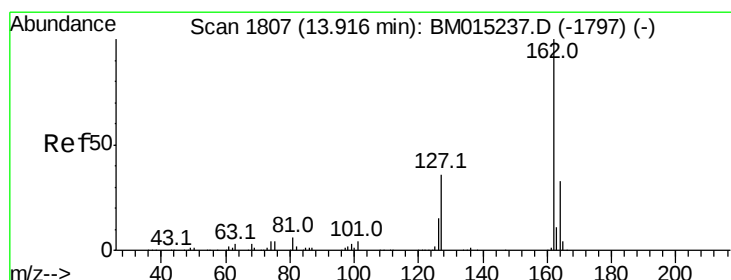
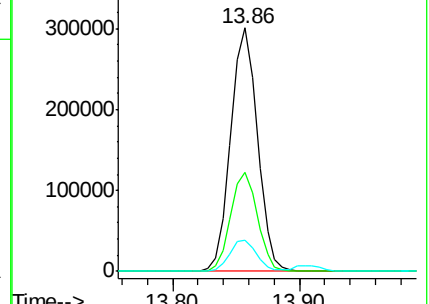
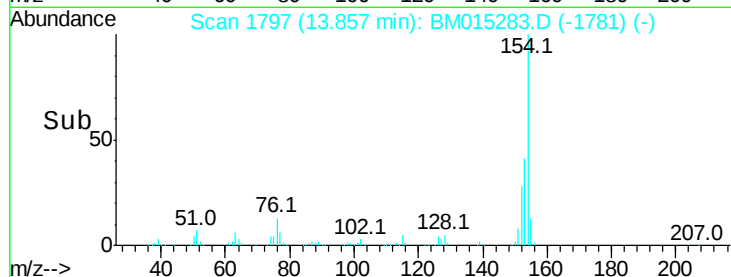
76 12.9 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 9.752 ng

RT: 13.91 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

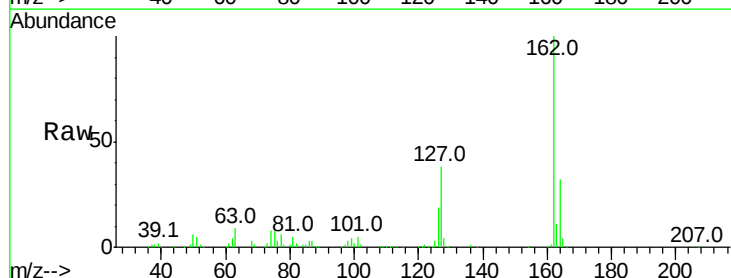
Tgt Ion:162 Resp: 335087

Ion Ratio Lower Upper

162 100

127 38.1 26.9 40.3

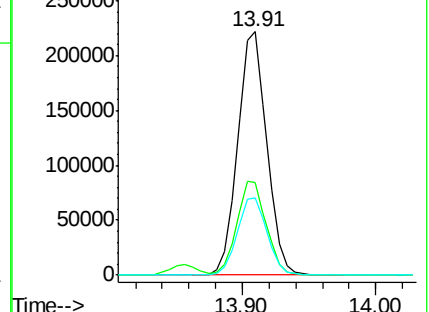
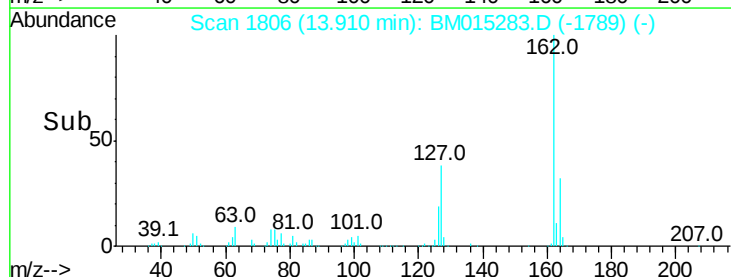
164 31.7 26.8 40.2

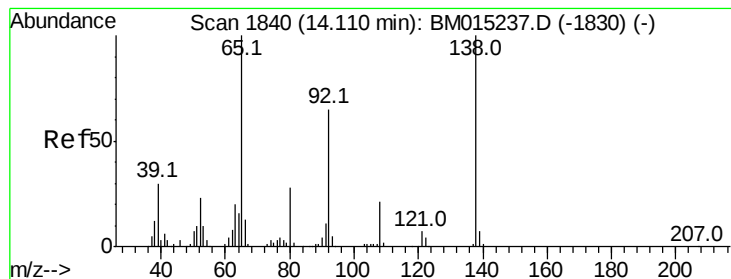


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 8.433 ng

RT: 14.10 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

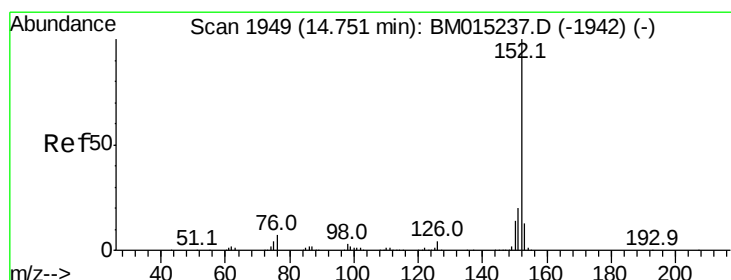
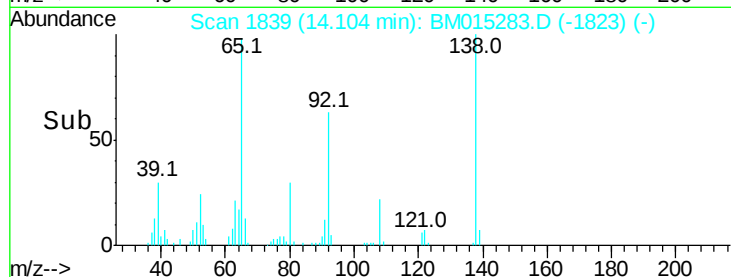
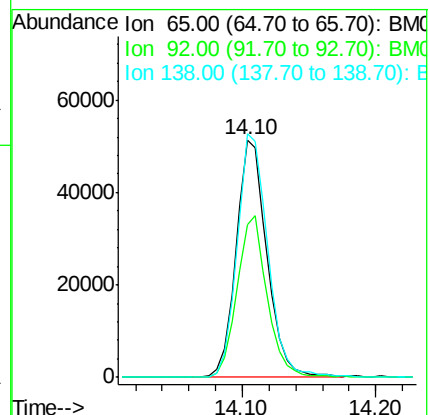
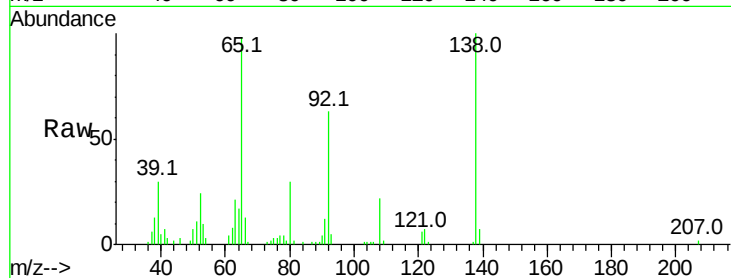
Tot Ion: 65 Resp: 82555

Ion Ratio Lower Upper

65 100

92 64.2 59.1 88.7

138 102.5 93.9 140.9



#48

Acenaphthylene

Concen: 9.565 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

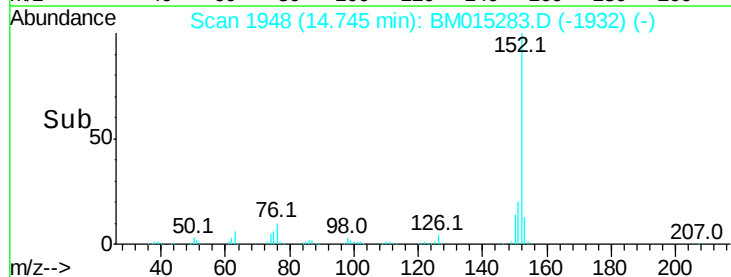
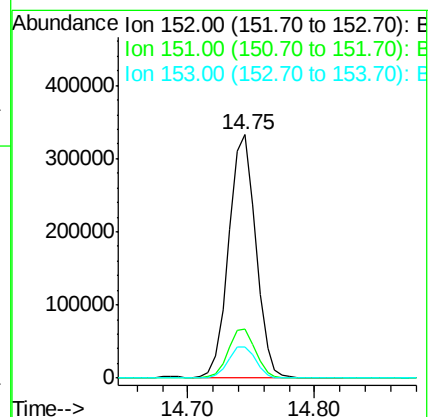
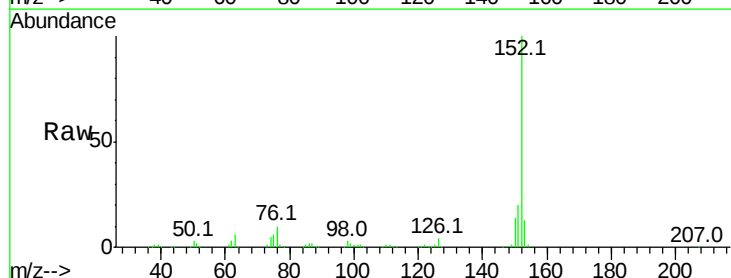
Tgt Ion: 152 Resp: 488179

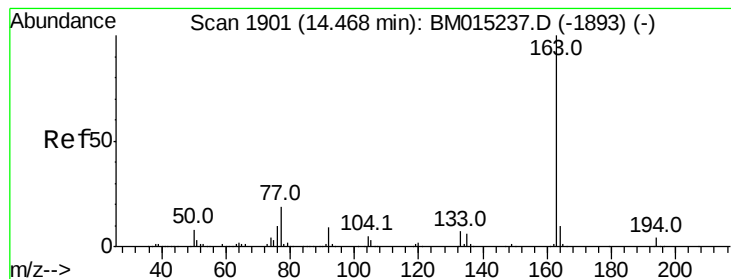
Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 9.969 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

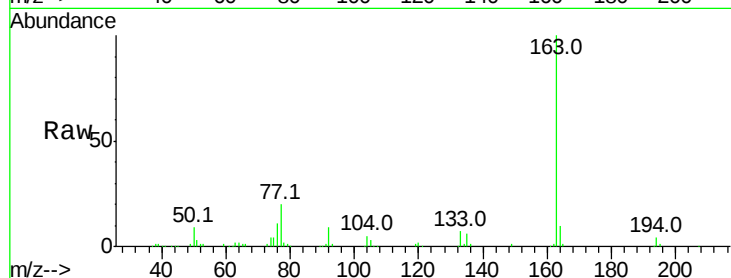
Tot Ion:163 Resp: 405986

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

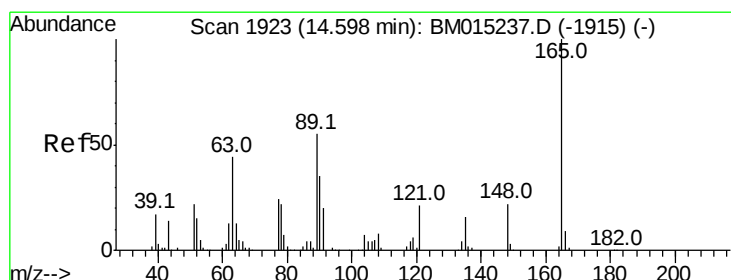
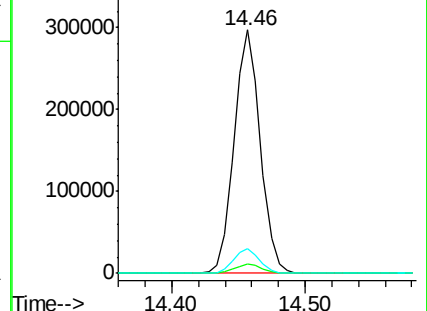
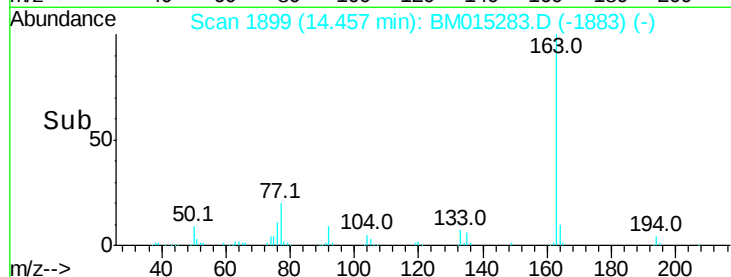
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.539 ng

RT: 14.59 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

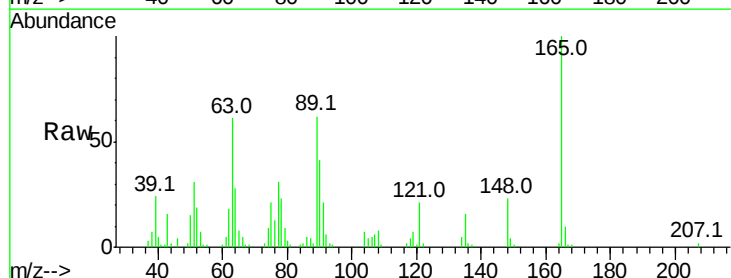
Tgt Ion:165 Resp: 81043

Ion Ratio Lower Upper

165 100

63 60.8 44.1 66.1

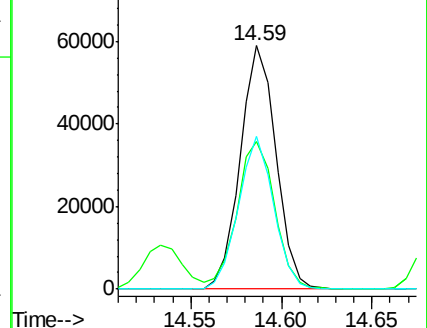
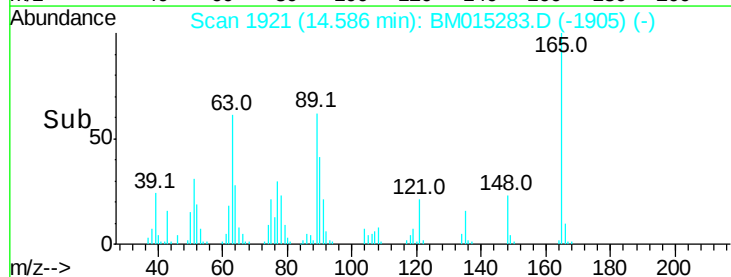
89 62.5 44.3 66.5

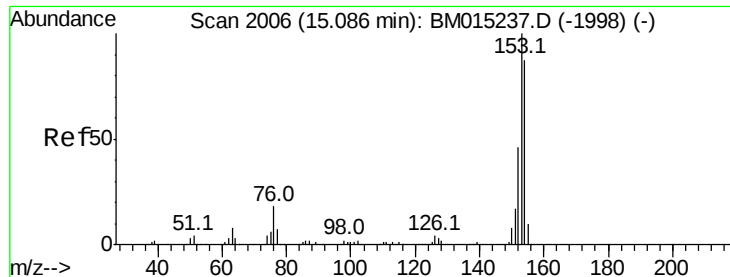


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 9.638 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

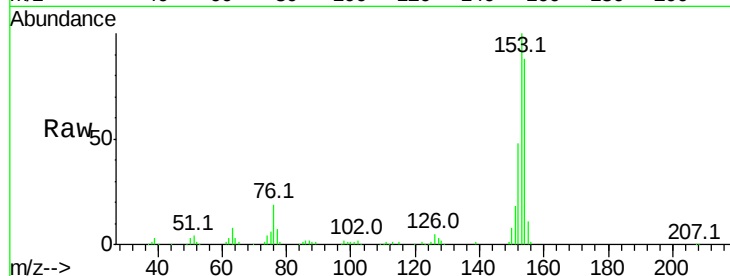
Tot Ion:154 Resp: 306421

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

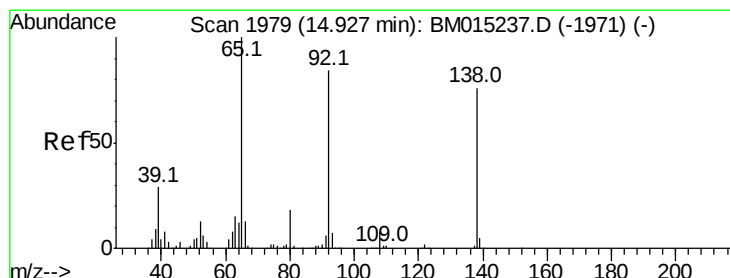
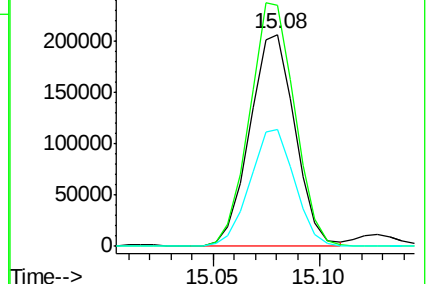
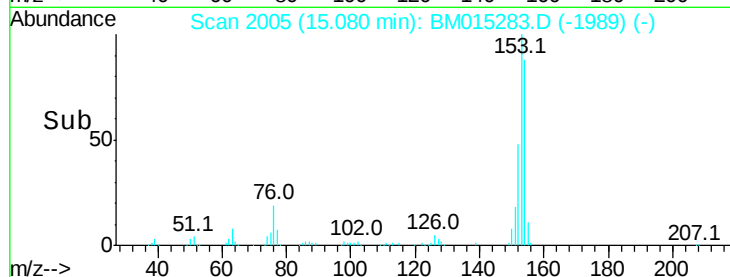
152 54.9 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.267 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

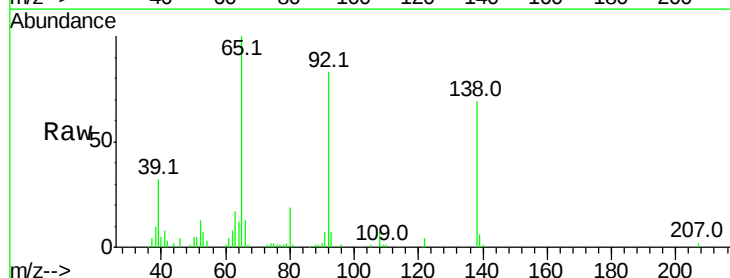
Tgt Ion:138 Resp: 73958

Ion Ratio Lower Upper

138 100

108 10.7 7.3 10.9

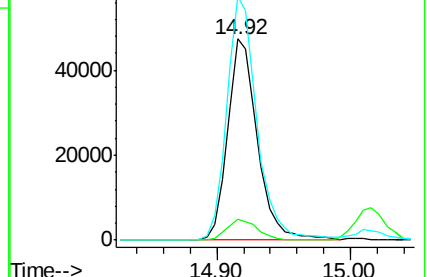
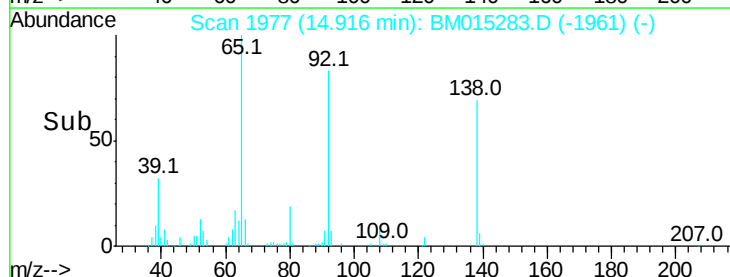
92 121.2 76.6 114.8#

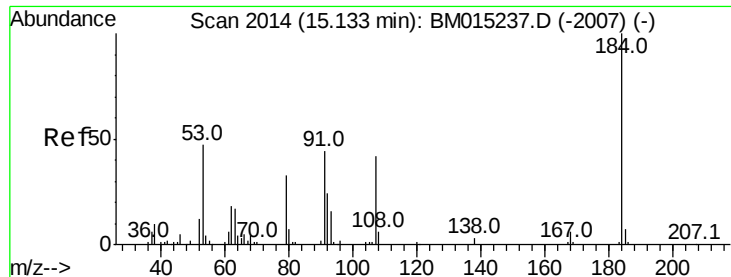


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

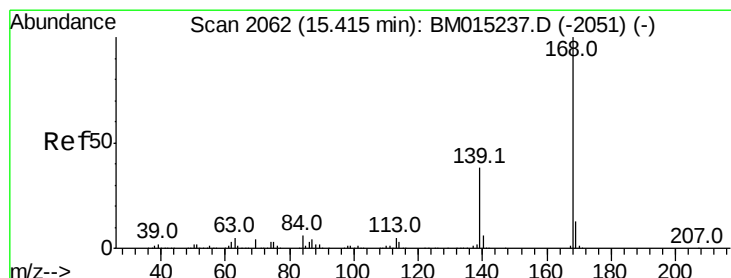
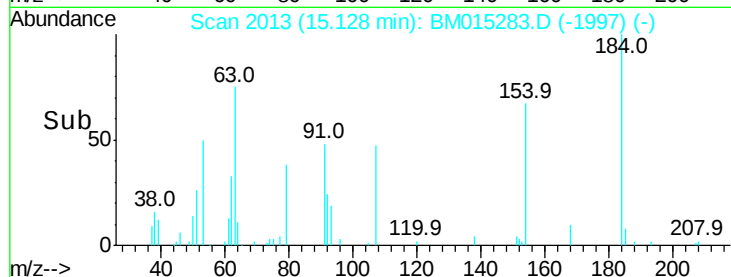
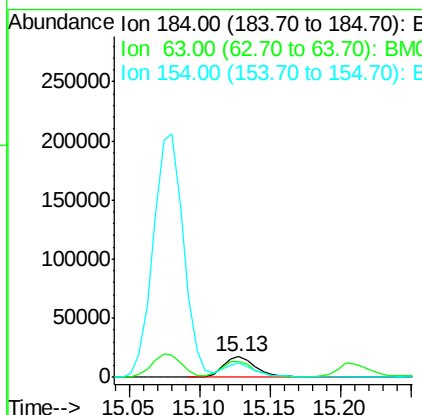
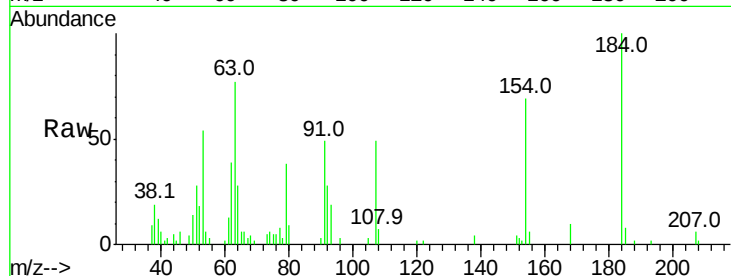




#53
 2,4-Dinitrophenol
 Concen: 11.863 ng
 RT: 15.13 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

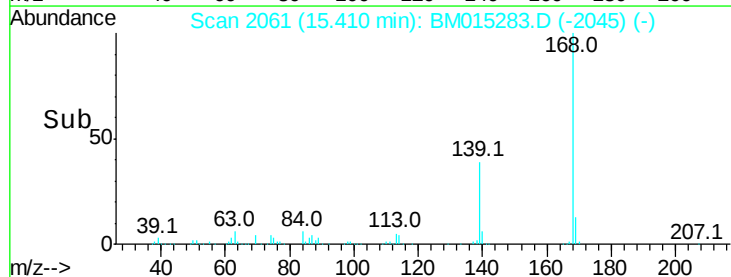
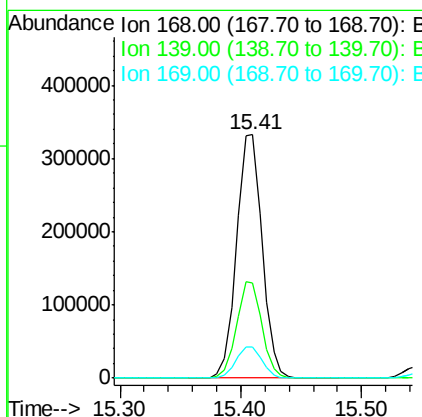
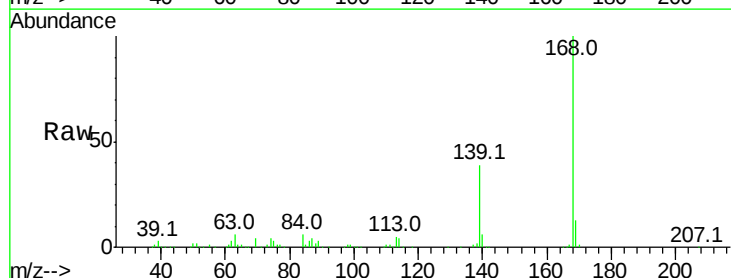
Instrument :
 BNA_M
 ClientSampleId :

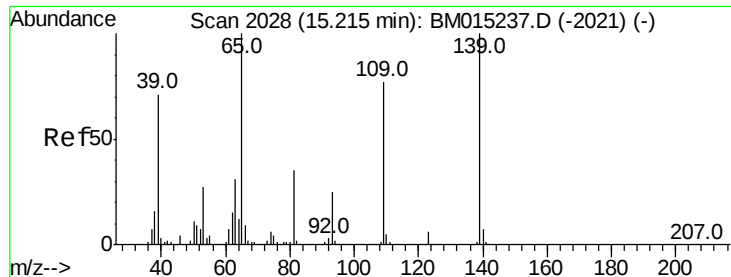
Tot Ion:184 Resp: 29400
 Ion Ratio Lower Upper
 184 100
 63 76.7 69.2 103.8
 154 69.3 53.3 79.9



#54
 Dibenzofuran
 Concen: 9.832 ng
 RT: 15.41 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:168 Resp: 492853
 Ion Ratio Lower Upper
 168 100
 139 39.1 27.3 40.9
 169 13.0 10.6 16.0





#55

4-Nitrophenol

Concen: 7.820 ng

RT: 15.21 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampled :

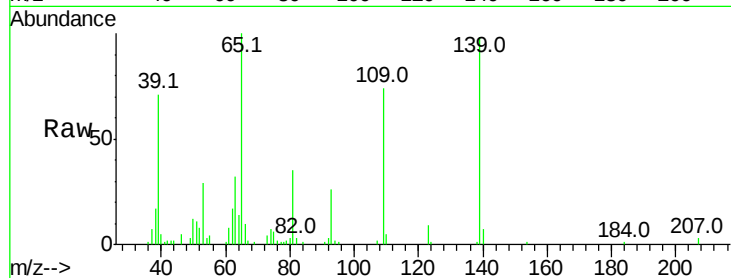
Tot Ion:139 Resp: 56740

Ion Ratio Lower Upper

139 100

109 75.9 130.0 170.0#

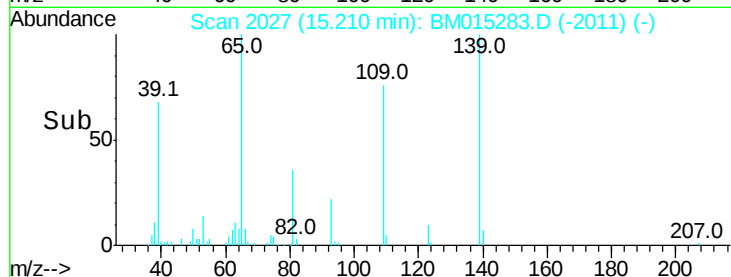
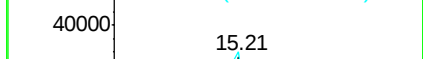
65 102.0 130.0 170.0#



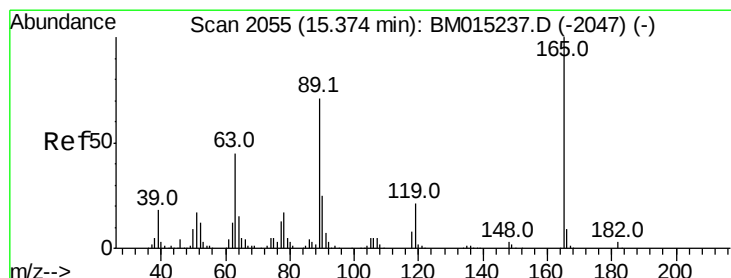
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



Time-->



#56

2,4-Dinitrotoluene

Concen: 8.472 ng

RT: 15.37 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:165 Resp: 98557

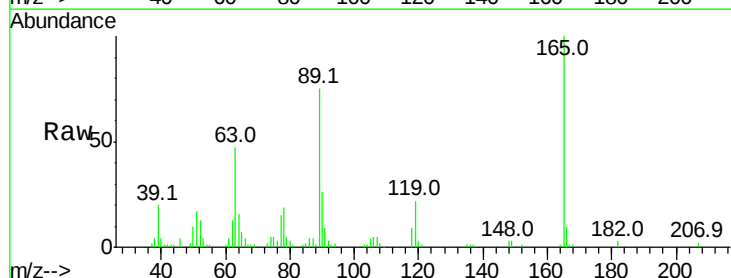
Ion Ratio Lower Upper

165 100

63 46.7 52.4 78.6#

89 75.3 72.4 108.6

182 2.9 2.0 3.0

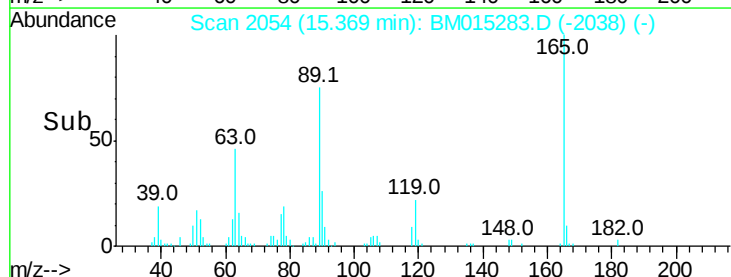
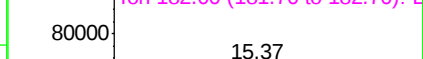


Abundance Ion 165.00 (164.70 to 165.70): E

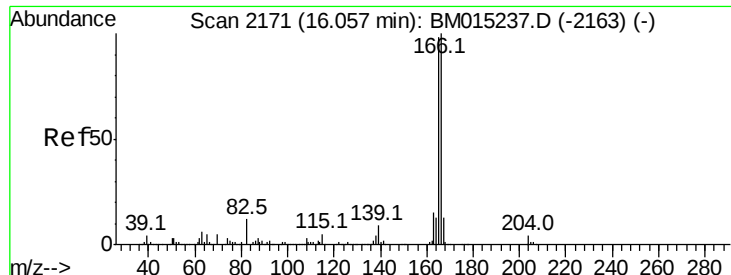
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



Time-->



#57

Fluorene

Concen: 9.682 ng

RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

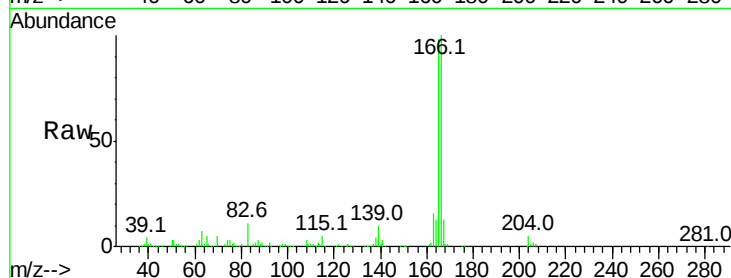
Tot Ion:166 Resp: 383548

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

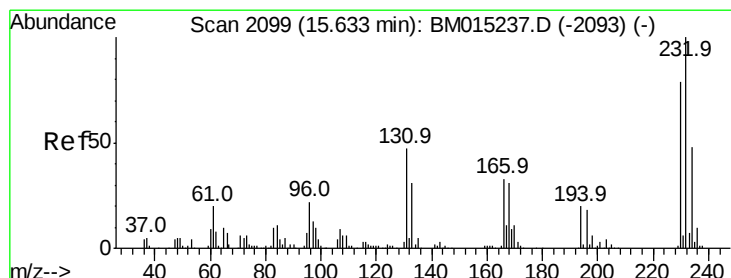
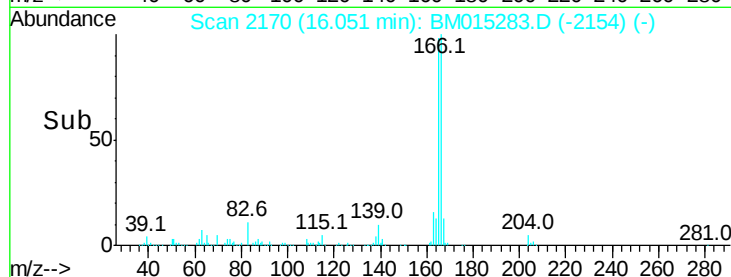
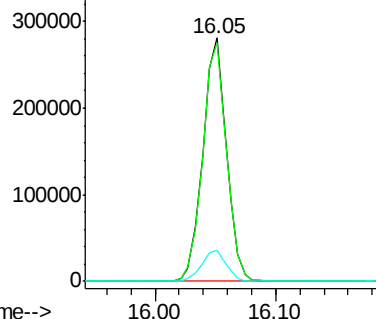
167 12.6 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.151 ng

RT: 15.63 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:232 Resp: 91521

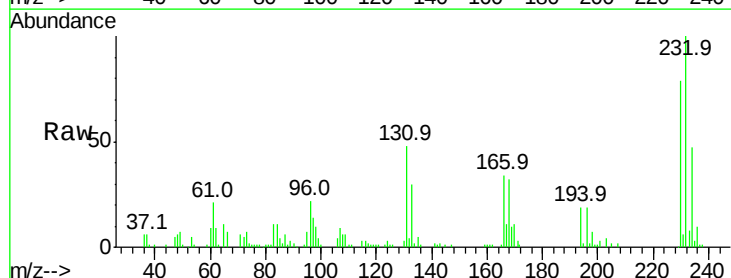
Ion Ratio Lower Upper

232 100

131 47.9 0.0 0.0#

130 2.4 0.0 0.0#

166 33.4 0.0 0.0#

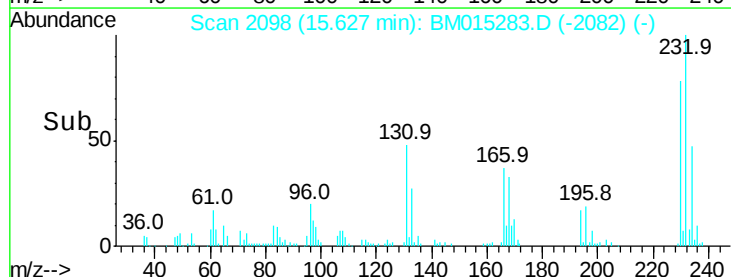
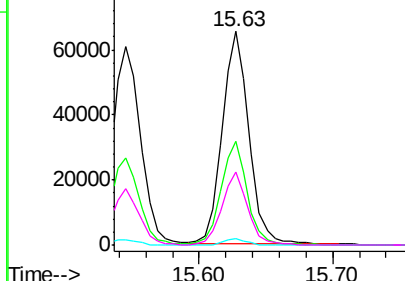


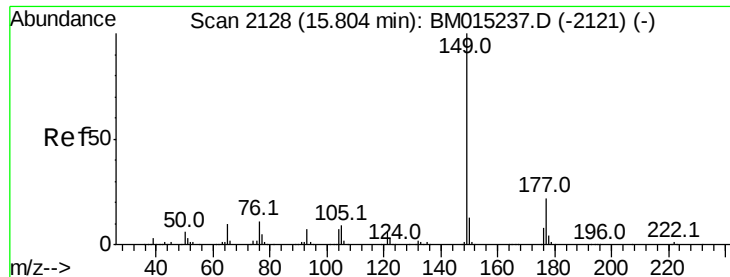
Abundance Ion 232.00 (231.70 to 232.70): E

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

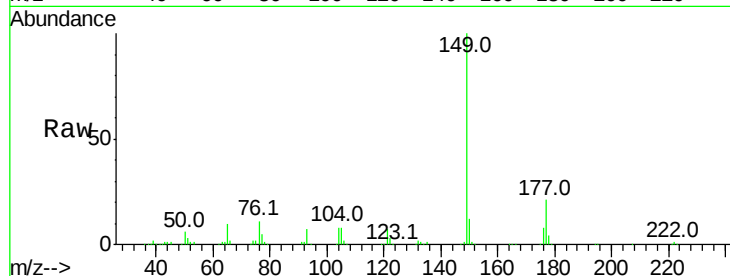




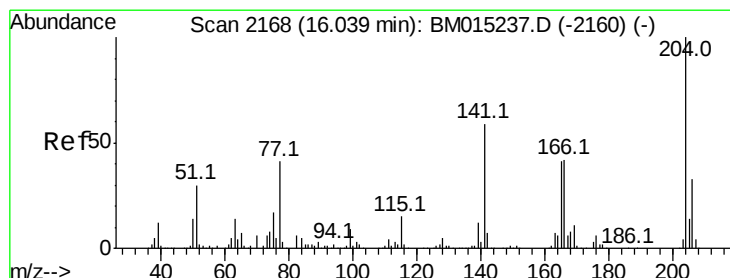
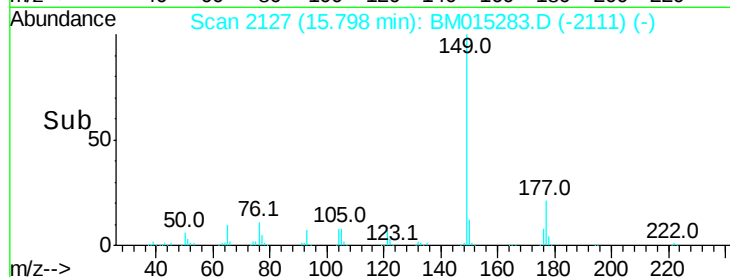
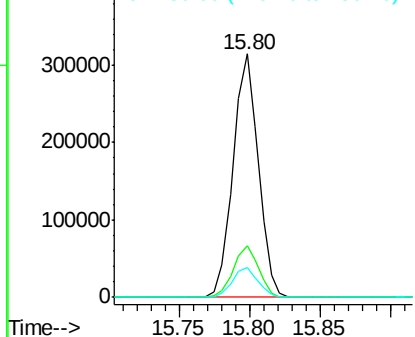
#59
Diethylphthalate
Concen: 9.759 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 391741
Ion Ratio Lower Upper
149 100
177 21.3 18.3 27.5
150 12.3 9.8 14.8

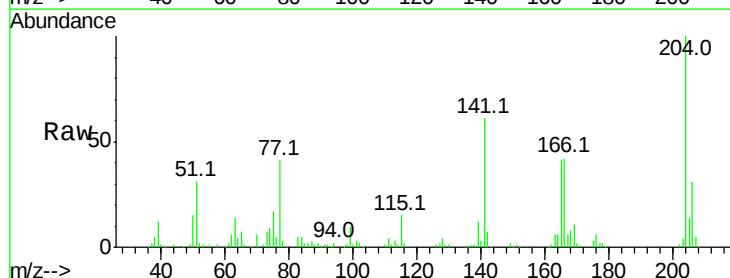


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

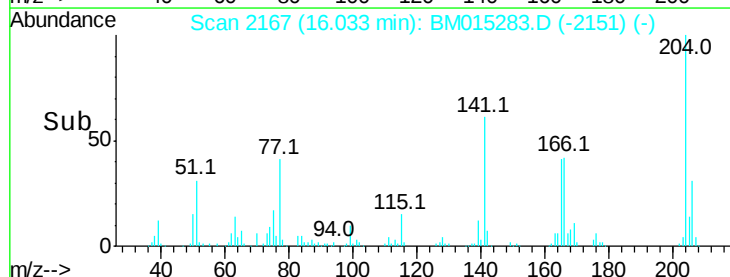
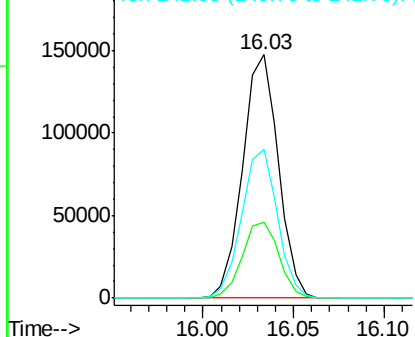


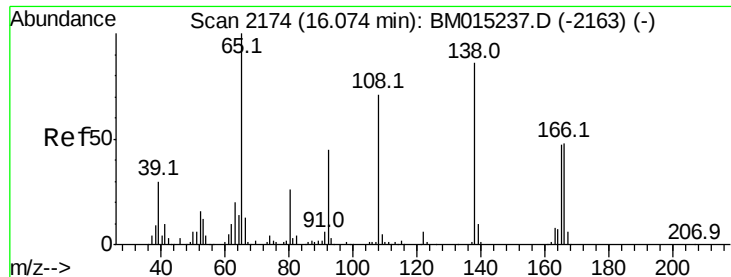
#60
4-Chlorophenyl-phenylether
Concen: 9.993 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:204 Resp: 201637
Ion Ratio Lower Upper
204 100
206 31.4 26.6 39.8
141 60.9 45.2 67.8



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





#61

4-Nitroaniline

Concen: 7.696 ng

RT: 16.07 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampled :

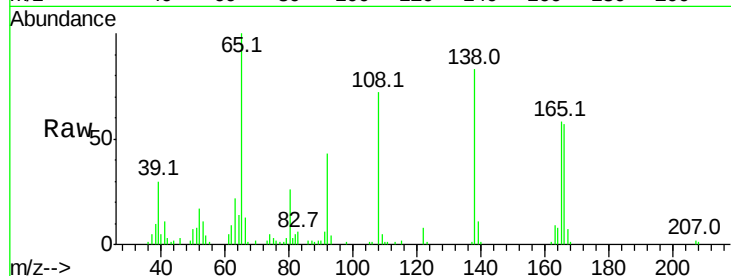
Tot Ion:138 Resp: 71982

Ion Ratio Lower Upper

138 100

92 51.5 16.7 56.7

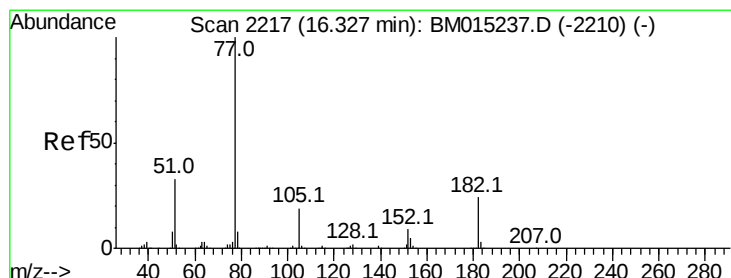
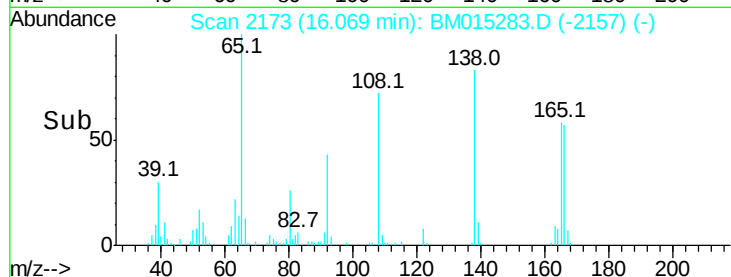
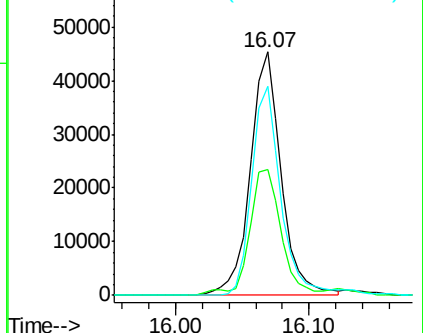
108 85.9 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 9.758 ng

RT: 16.32 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion: 77 Resp: 372111

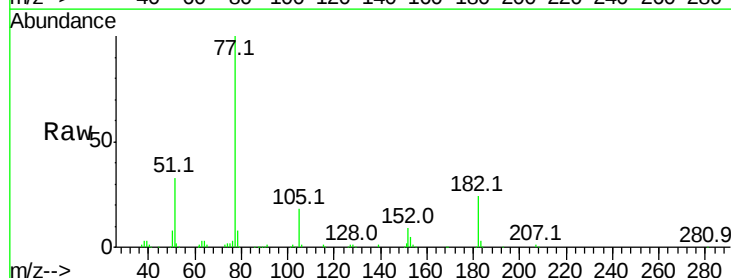
Ion Ratio Lower Upper

77 100

182 23.7 6.5 46.5

105 18.0 3.8 43.8

51 33.2 5.5 45.5

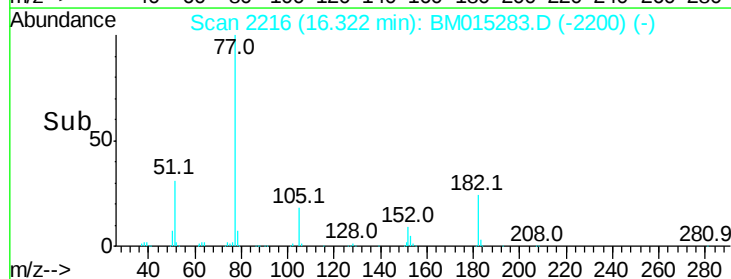
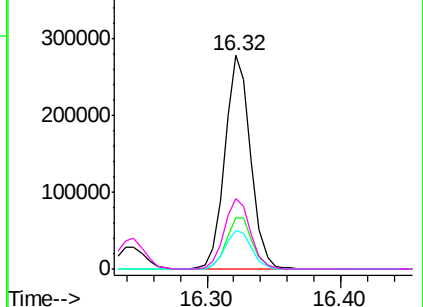


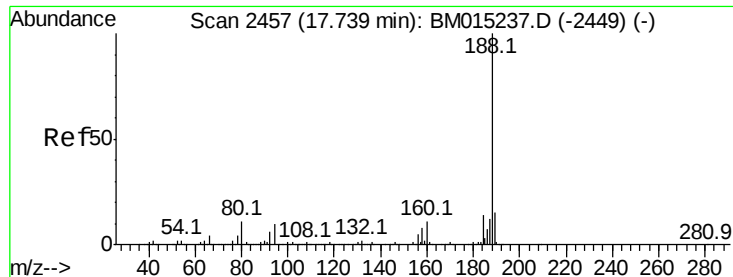
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

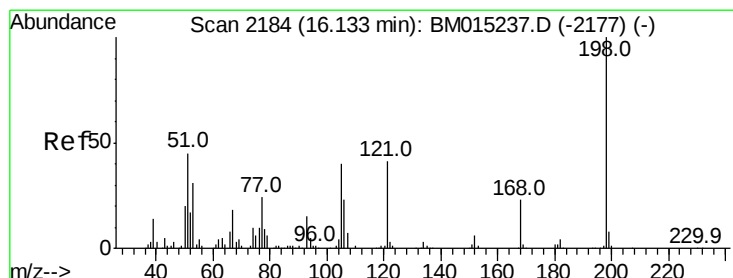
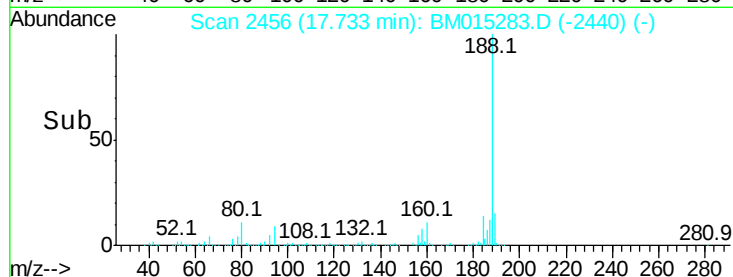
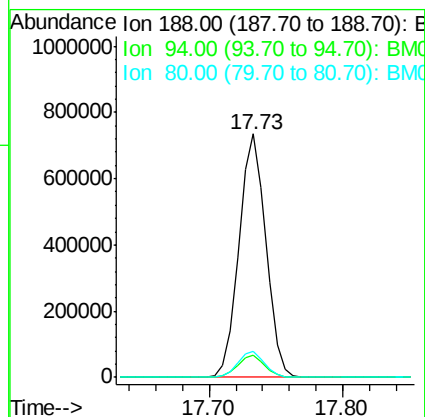
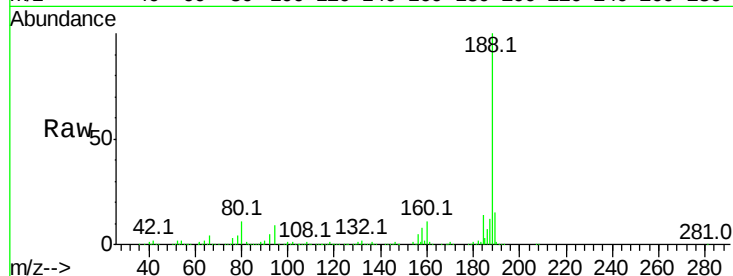




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.73 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

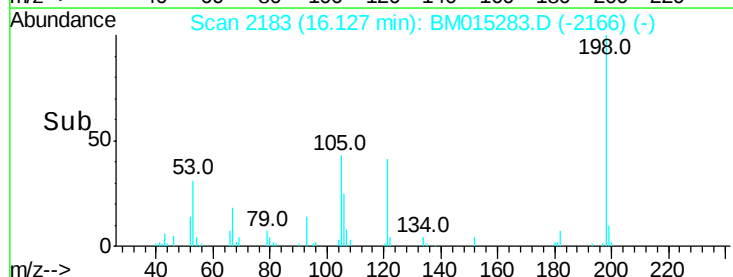
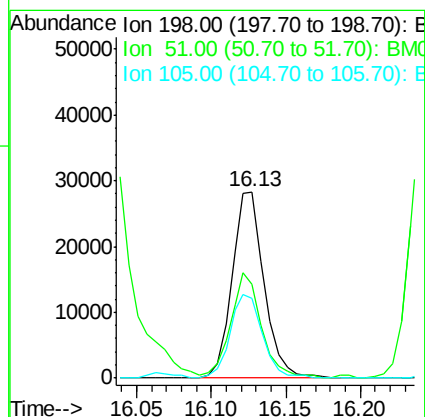
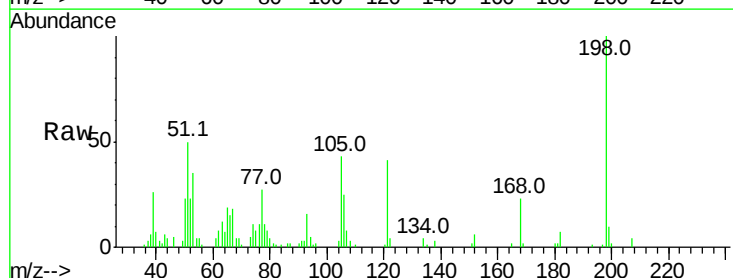
Instrument :
 BNA_M
 ClientSampleId :

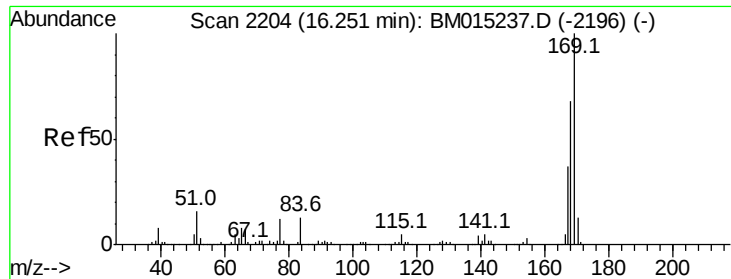
Tot Ion:188 Resp: 1023645
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.7 13.1
 80 10.8 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.496 ng
 RT: 16.13 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:198 Resp: 42352
 Ion Ratio Lower Upper
 198 100
 51 50.0 28.8 68.8
 105 42.9 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 9.934 ng

RT: 16.25 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

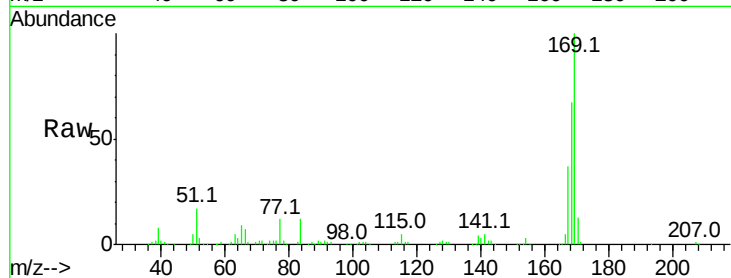
Instrument :

BNA_M

ClientSampleId :

Tot Ion:169 Resp: 326729

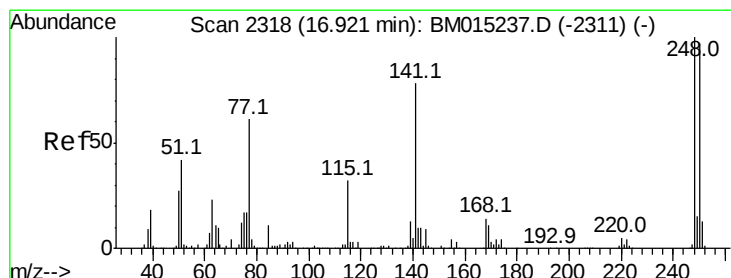
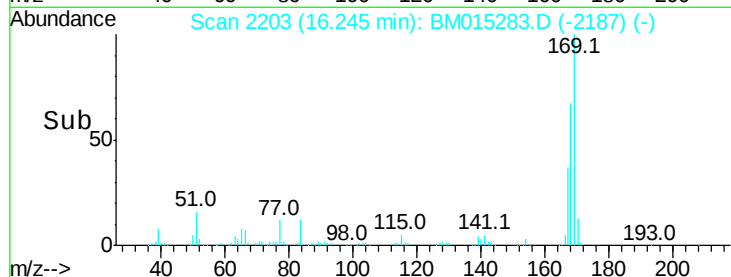
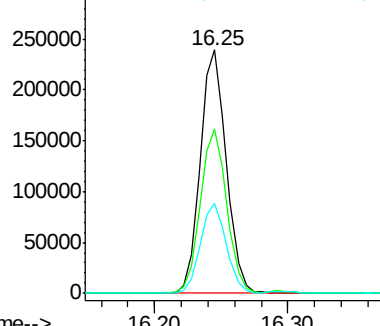
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.9	80.9
167	36.8	28.9	43.3



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



#66

4-Bromophenyl-phenylether

Concen: 9.974 ng

RT: 16.92 min Scan# 2317

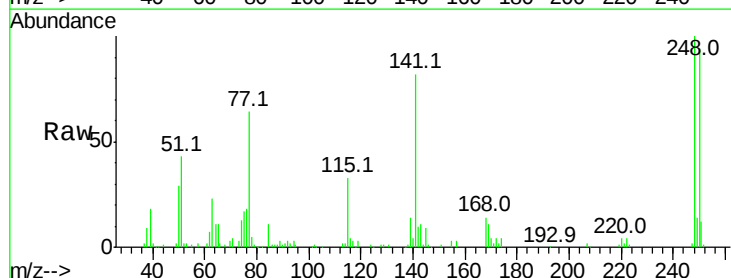
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:248 Resp: 114071

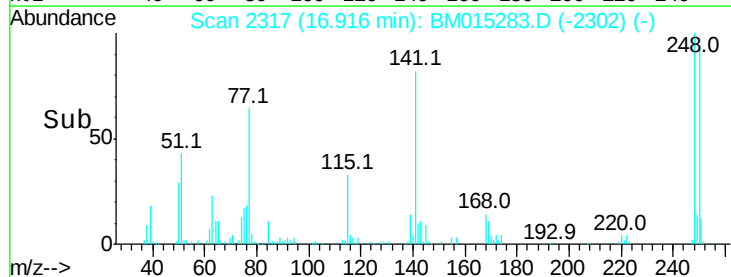
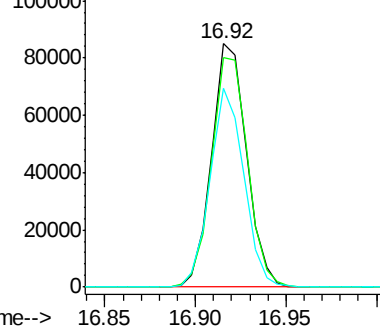
Ion	Ratio	Lower	Upper
248	100		
250	94.3	77.4	116.0
141	81.8	45.2	67.8

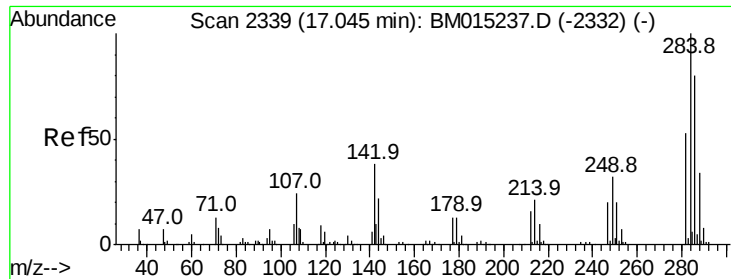


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

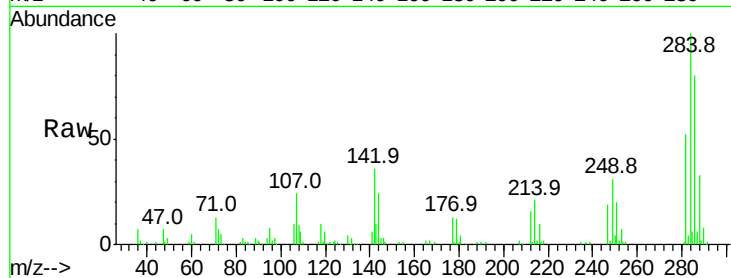




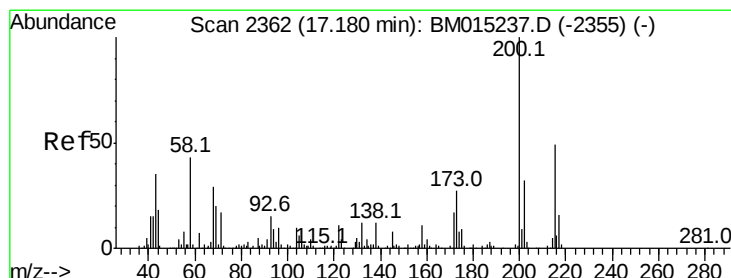
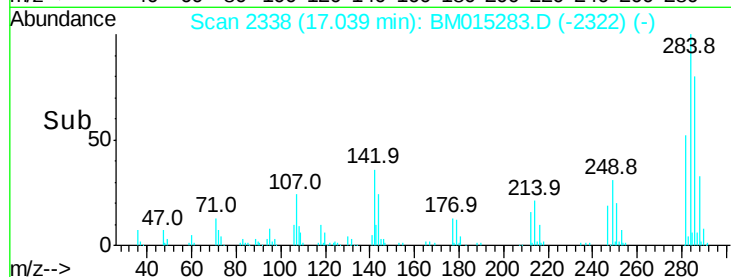
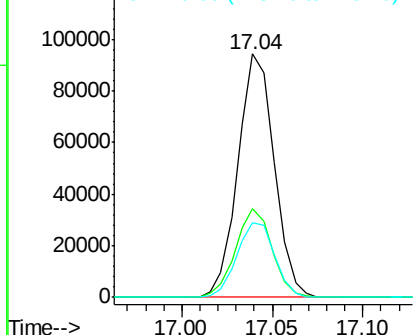
#67
Hexachlorobenzene
Concen: 9.981 ng
RT: 17.04 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion:284 Resp: 131458
Ion Ratio Lower Upper
284 100
142 36.3 20.4 30.6#
249 30.8 23.8 35.6

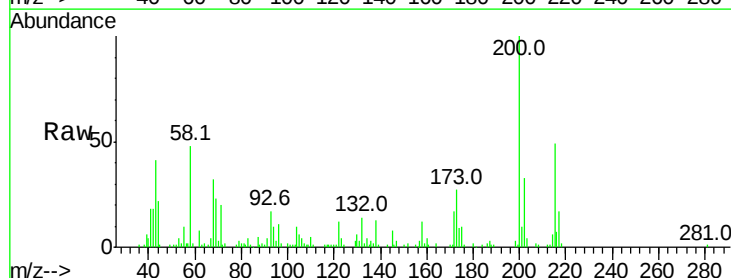


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

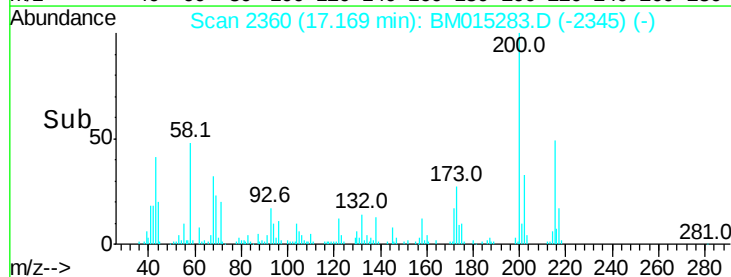
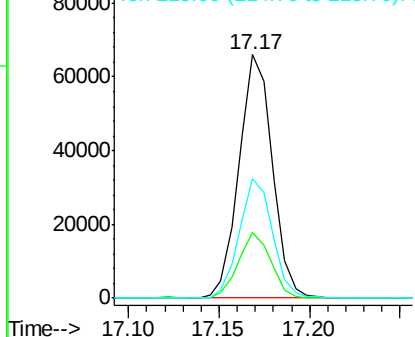


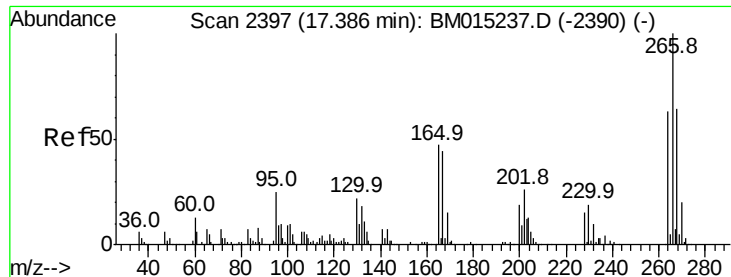
#68
Atrazine
Concen: 8.083 ng
RT: 17.17 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:200 Resp: 84336
Ion Ratio Lower Upper
200 100
173 27.1 4.8 44.8
215 48.9 26.9 66.9



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

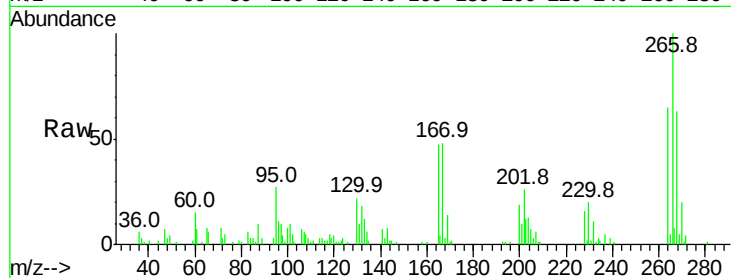




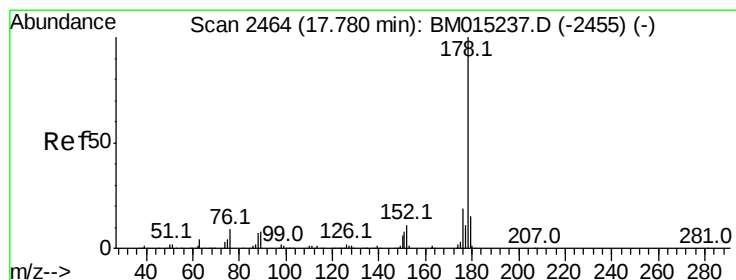
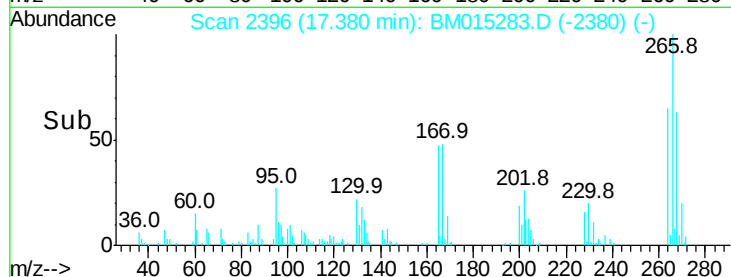
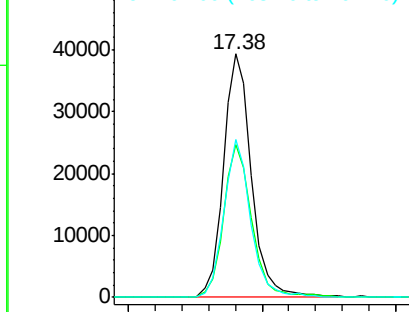
#69
 Pentachlorophenol
 Concen: 7.898 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	64.6	49.0	73.4

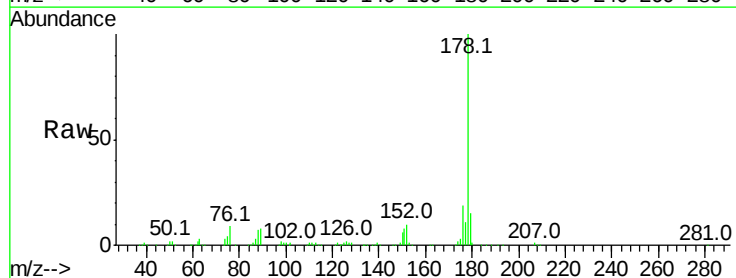


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

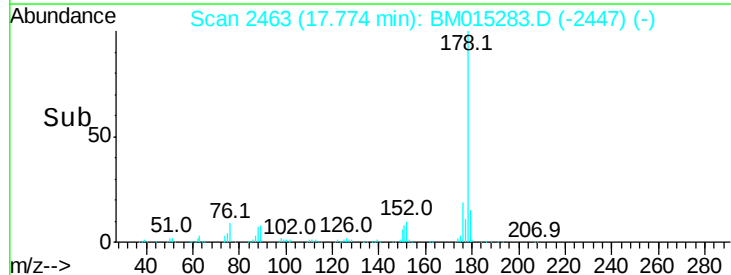
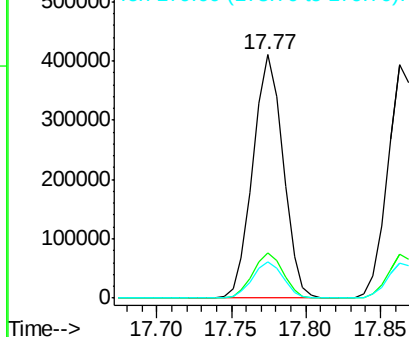


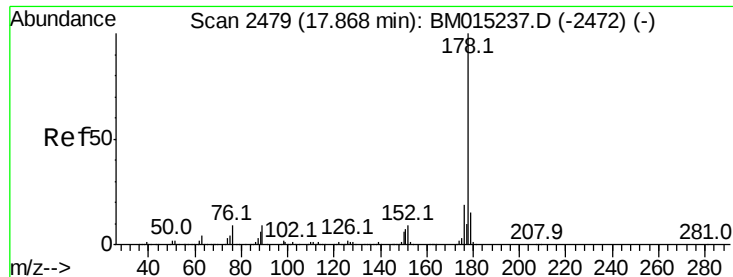
#70
 Phenanthrene
 Concen: 9.849 ng
 RT: 17.77 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	14.8	12.1	18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

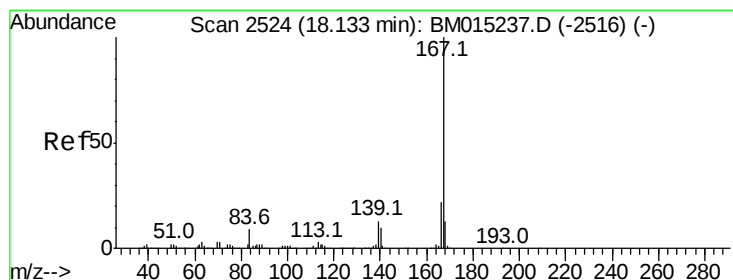
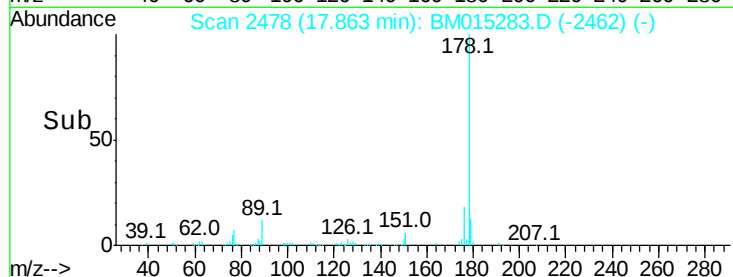
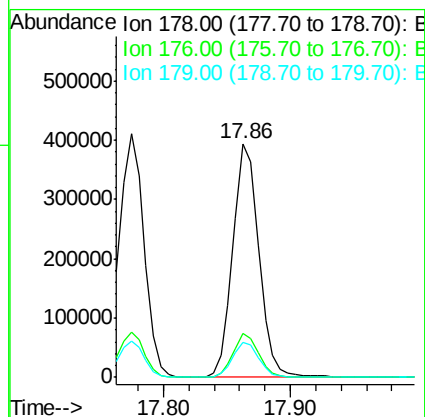
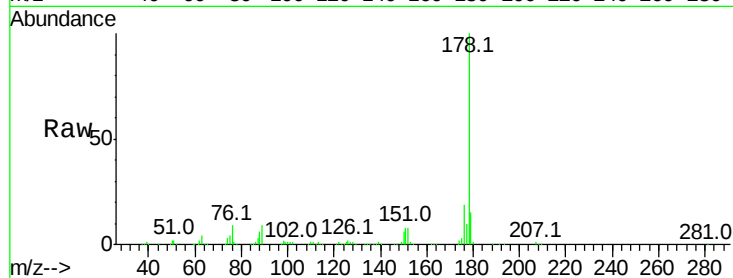




#71
 Anthracene
 Concen: 9.607 ng
 RT: 17.86 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

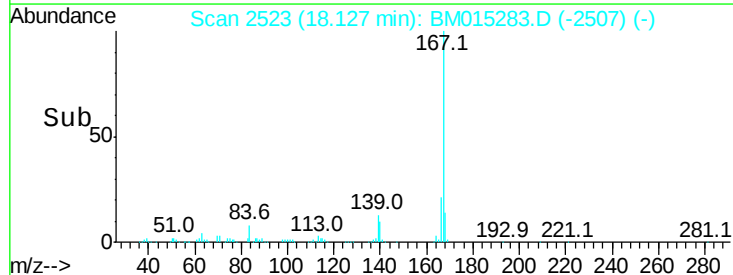
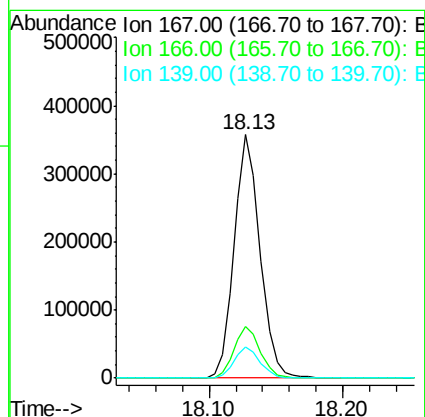
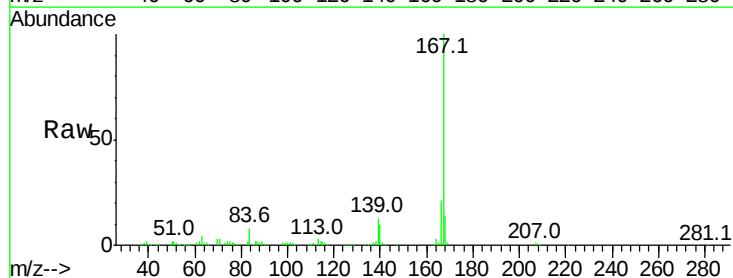
Instrument :
 BNA_M
 ClientSampleId :

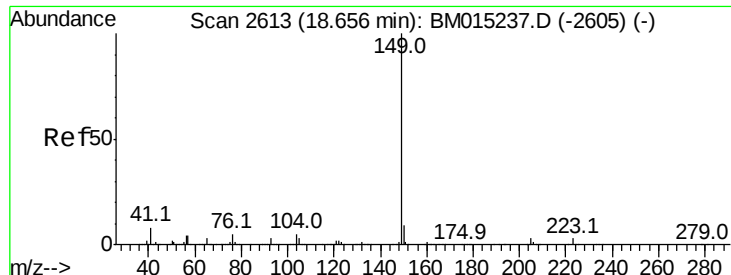
Tot Ion:178 Resp: 558362
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 9.374 ng
 RT: 18.13 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion:167 Resp: 482333
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.0 10.8 16.2

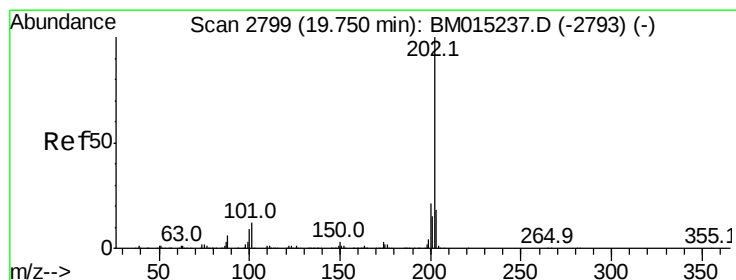
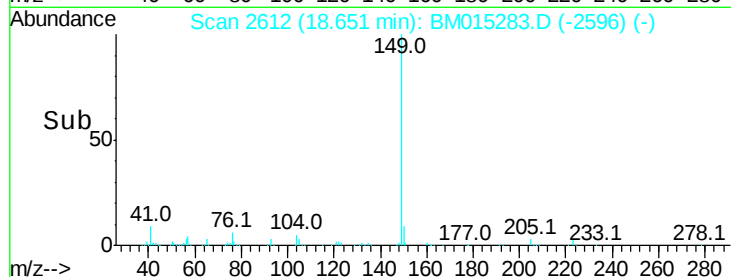
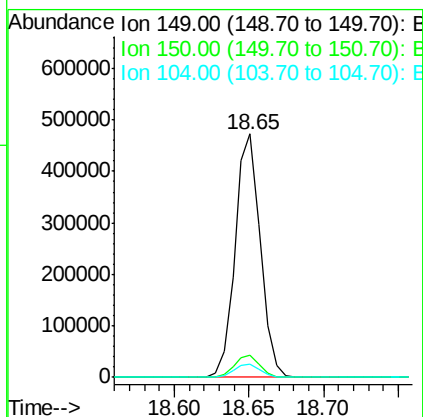
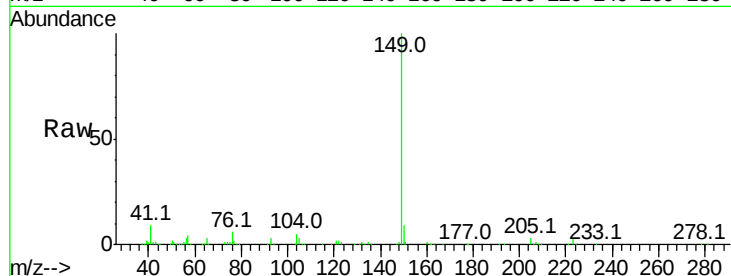




#73
Di-n-butylphthalate
Concen: 9.180 ng
RT: 18.65 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

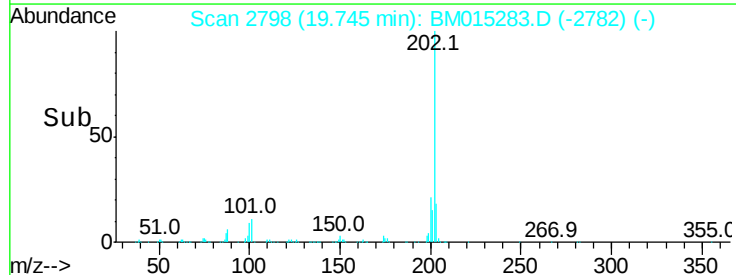
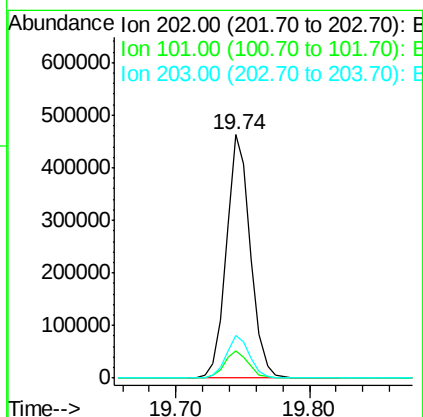
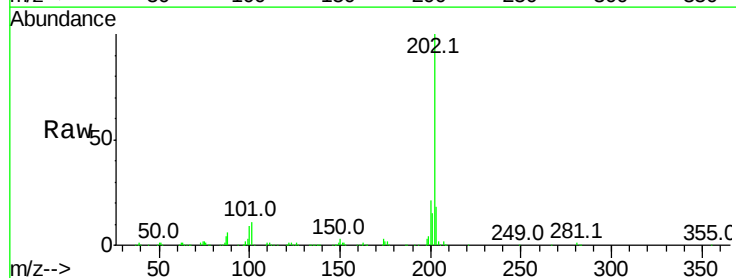
Instrument :
BNA_M
ClientSampleId :

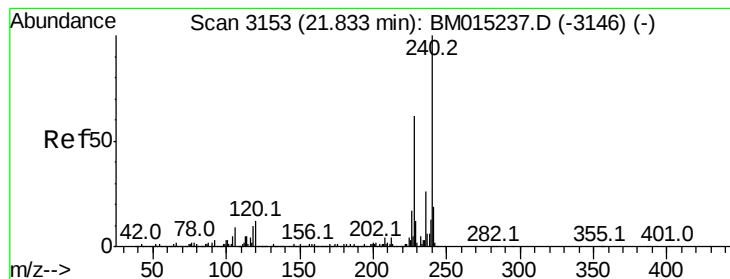
Tot Ion:149 Resp: 556087
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 5.3 3.7 5.5



#74
Fluoranthene
Concen: 9.116 ng
RT: 19.74 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:202 Resp: 582921
Ion Ratio Lower Upper
202 100
101 11.2 0.0 28.7
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

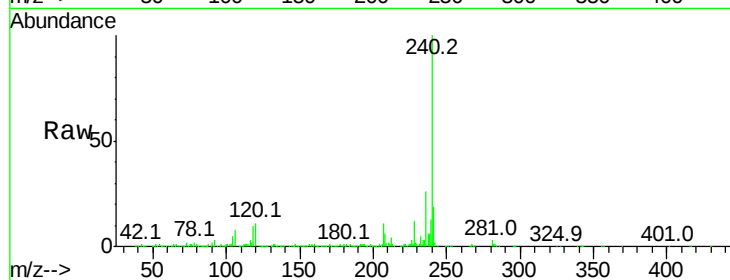
Tot Ion:240 Resp: 898763

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.2

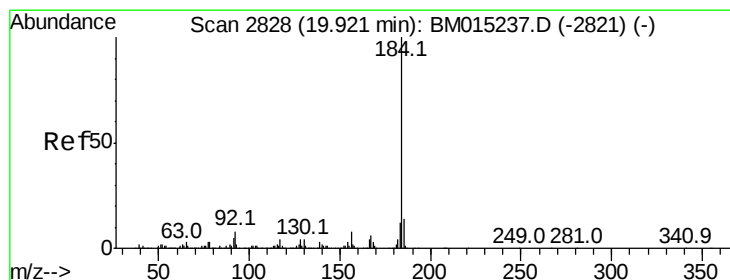
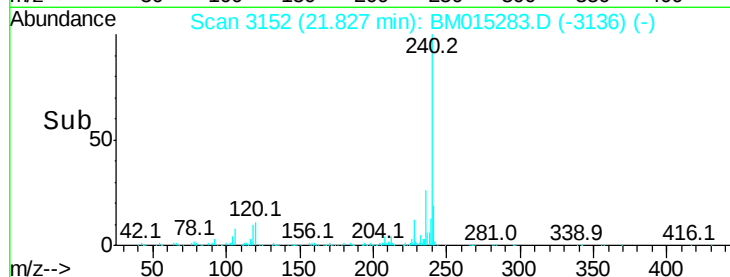
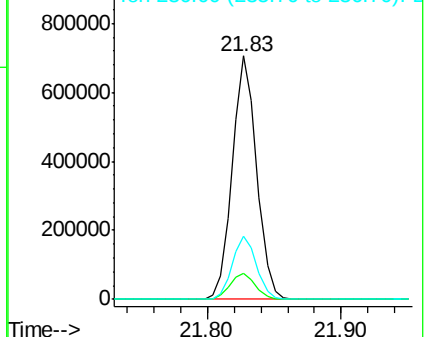
236 25.9 20.0 30.0



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



#76

Benzidine

Concen: 5.119 ng

RT: 19.92 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

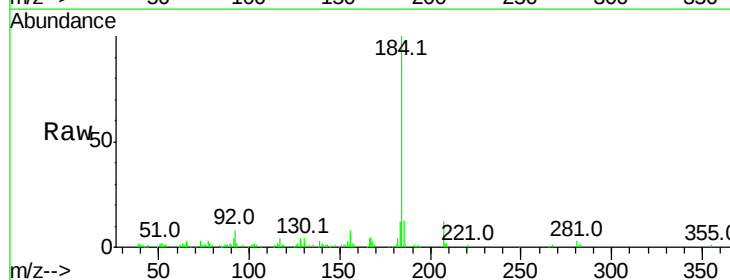
Tgt Ion:184 Resp: 144034

Ion Ratio Lower Upper

184 100

185 13.1 11.3 16.9

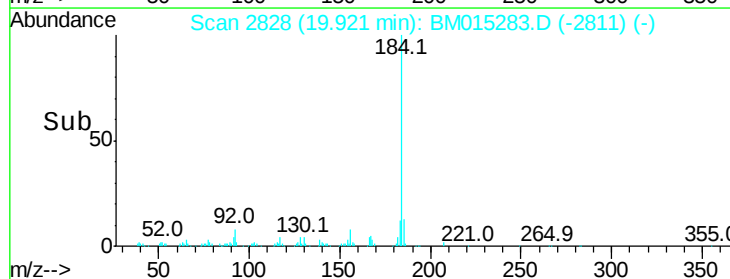
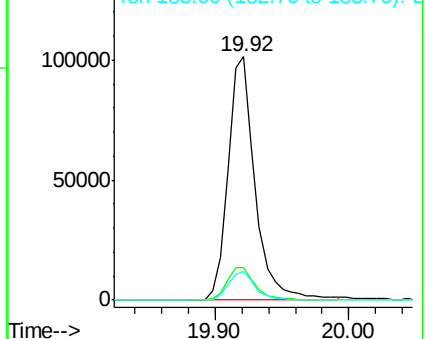
183 11.5 8.9 13.3

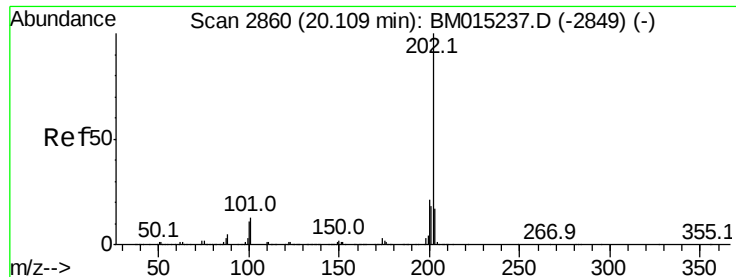


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 10.391 ng

RT: 20.10 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

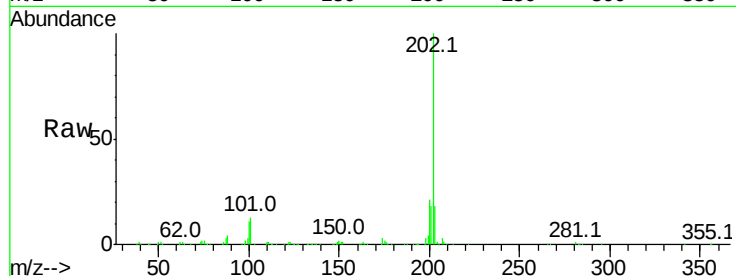
Tot Ion:202 Resp: 589425

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

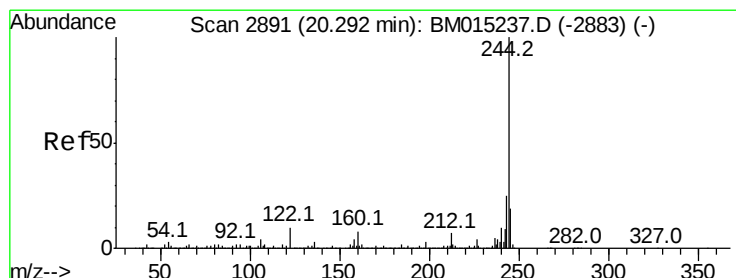
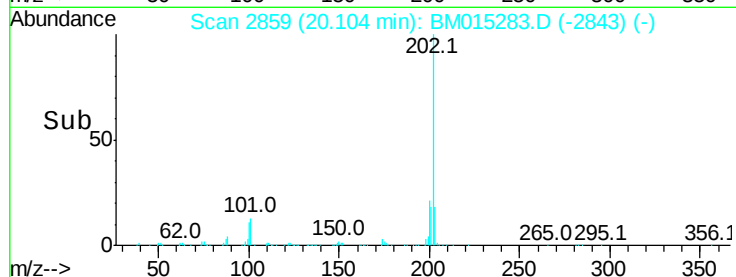
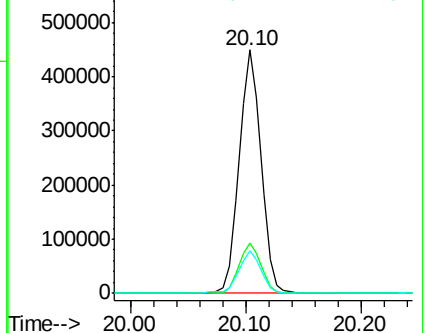
203 17.6 14.1 21.1



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



#78

Terphenyl-d14

Concen: 112.568 ng

RT: 20.29 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

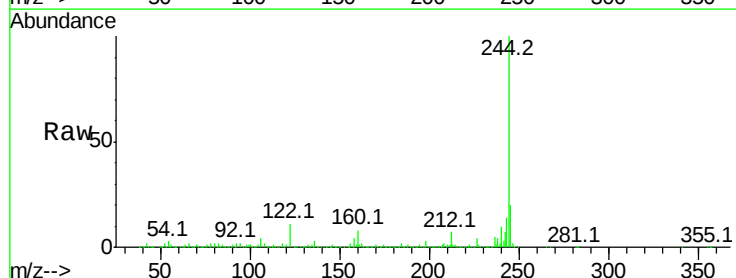
Tgt Ion:244 Resp: 4581621

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

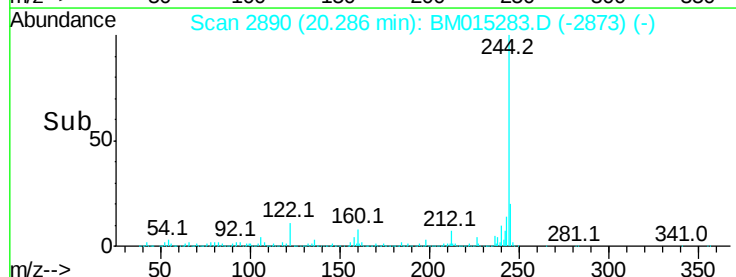
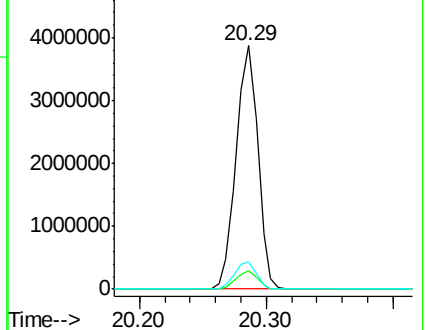
122 11.0 6.2 9.4#

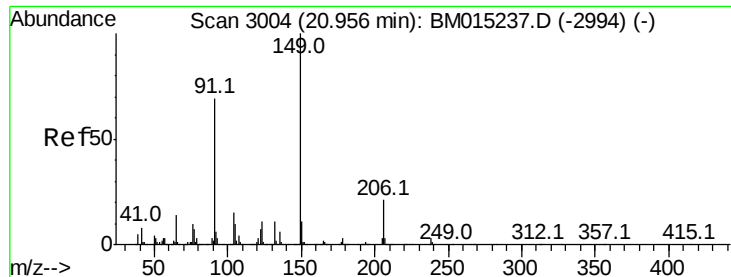


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

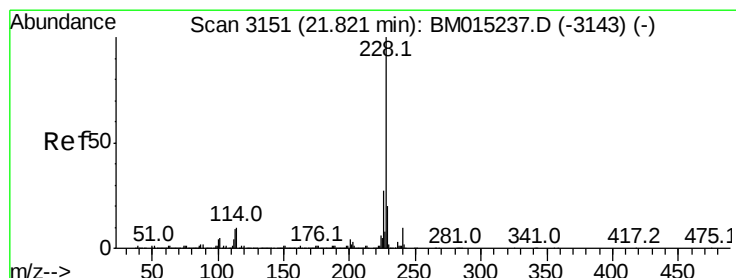
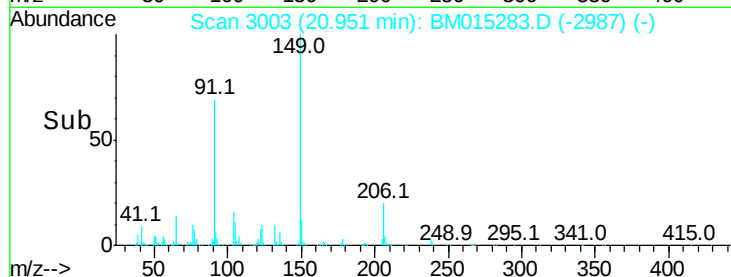
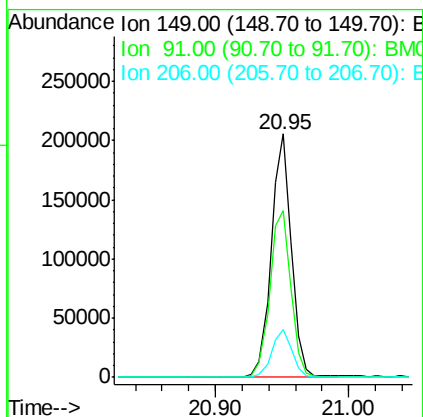
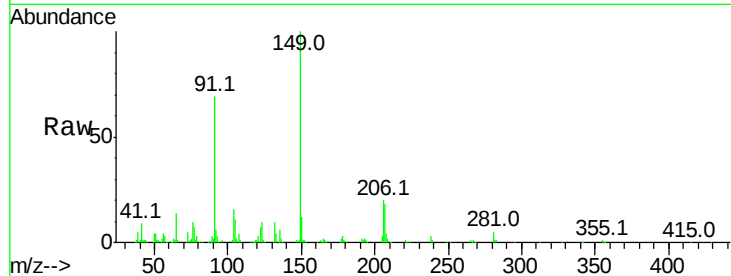




#79
Butylbenzylphthalate
Concen: 9.261 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

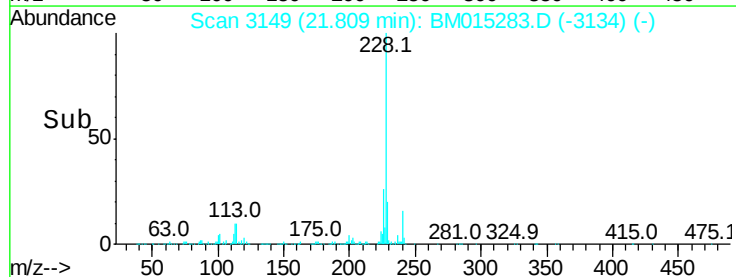
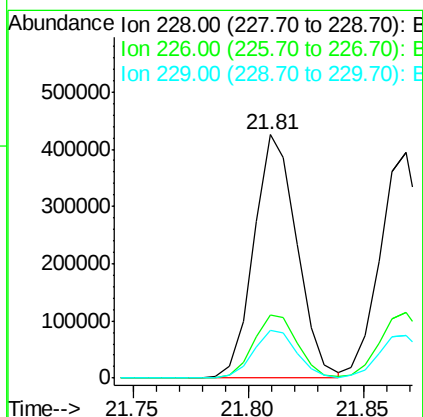
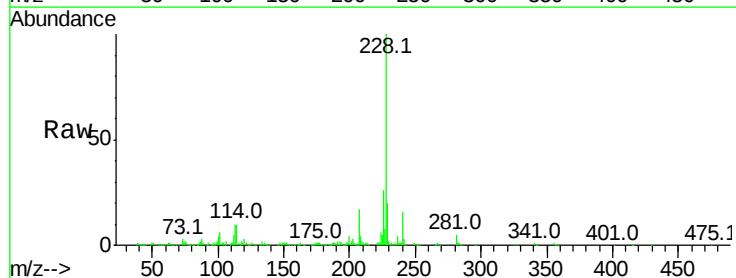
Instrument :
BNA_M
ClientSampleId :

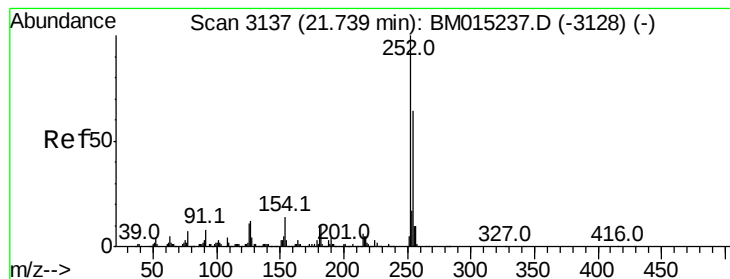
Tot Ion:149 Resp: 214487
Ion Ratio Lower Upper
149 100
91 68.8 50.1 75.1
206 19.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 9.718 ng
RT: 21.81 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BM015283.D
Acq: 23 May 2018 19:33

Tgt Ion:228 Resp: 550404
Ion Ratio Lower Upper
228 100
226 26.2 21.7 32.5
229 19.8 16.0 24.0





#81

3,3'-Dichlorobenzidine

Concen: 8.848 ng

RT: 21.73 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

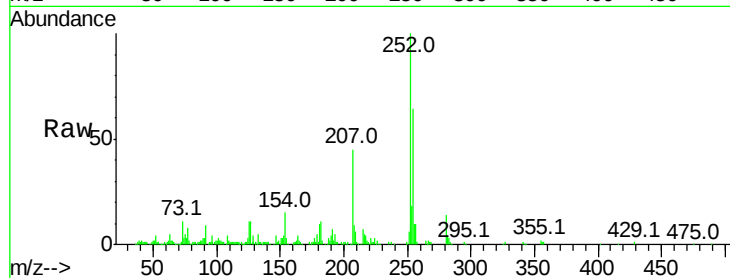
Tot Ion:252 Resp: 185558

Ion Ratio Lower Upper

252 100

254 64.2 51.9 77.9

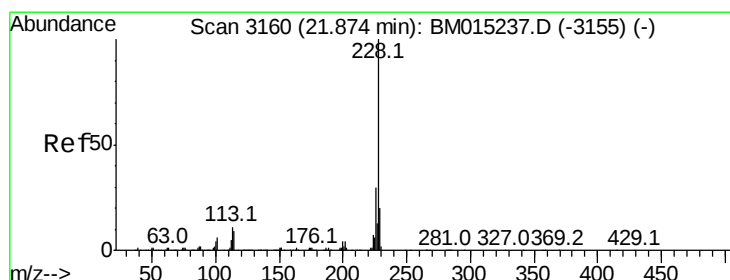
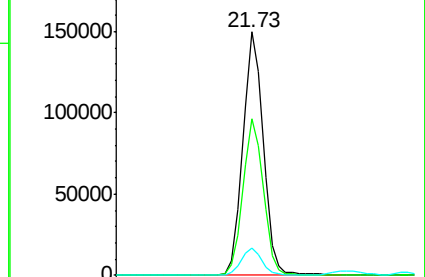
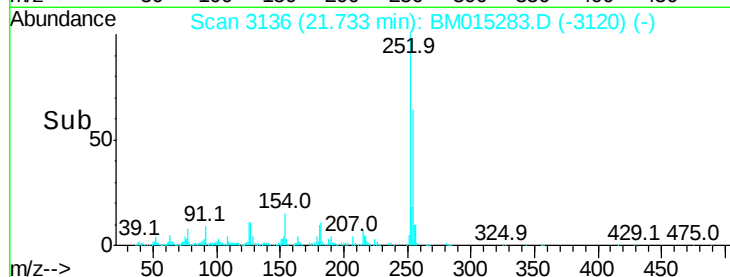
126 11.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 9.831 ng

RT: 21.87 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

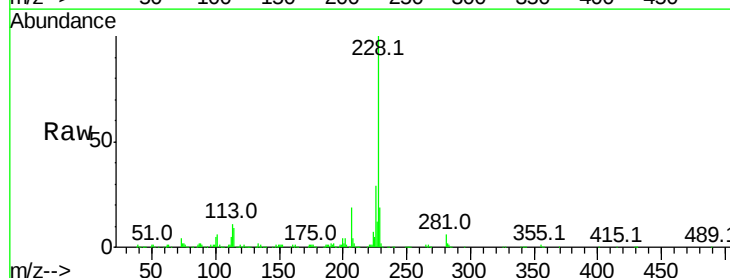
Tgt Ion:228 Resp: 524395

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

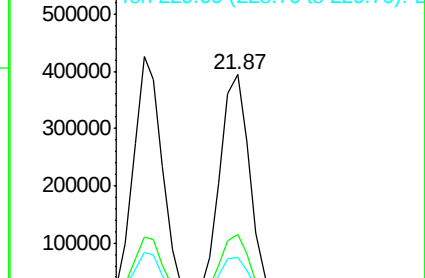
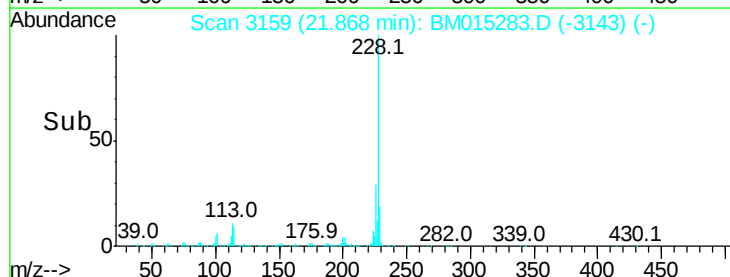
229 19.1 15.5 23.3

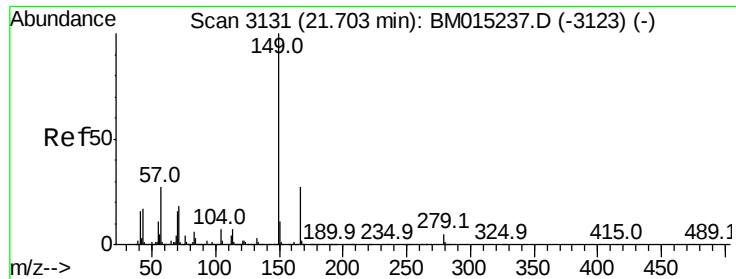


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 9.148 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

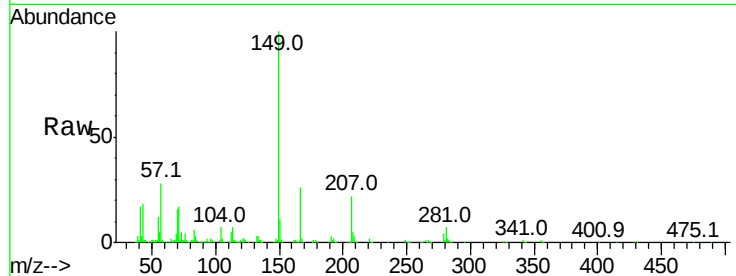
Tot Ion:149 Resp: 308169

Ion Ratio Lower Upper

149 100

167 26.5 22.4 33.6

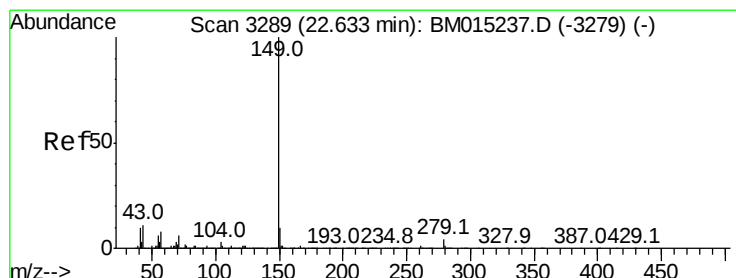
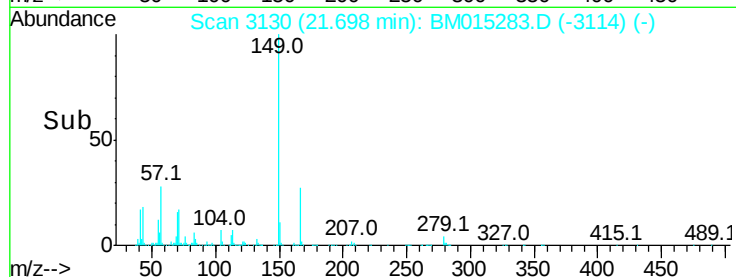
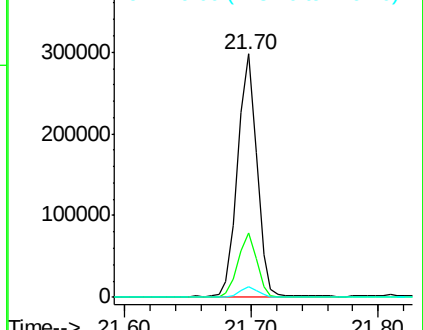
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.187 ng

RT: 22.63 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

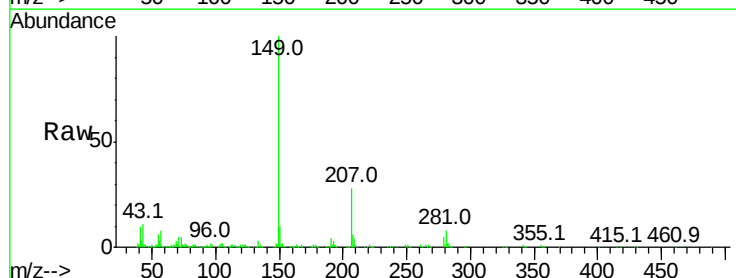
Tgt Ion:149 Resp: 482417

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

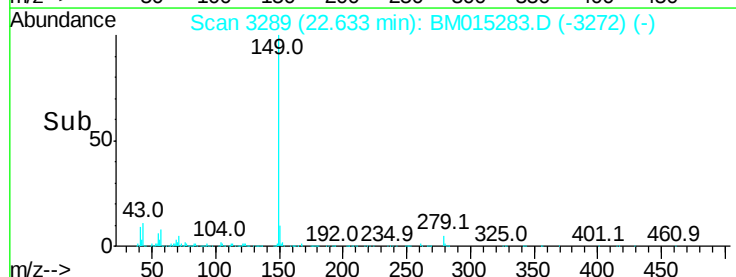
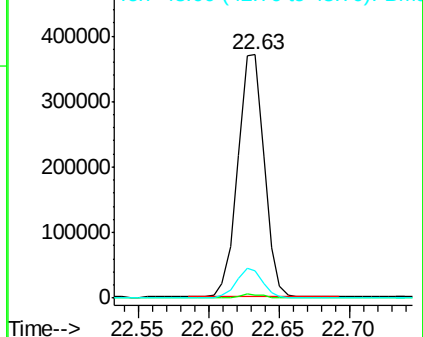
43 12.0 7.3 10.9#

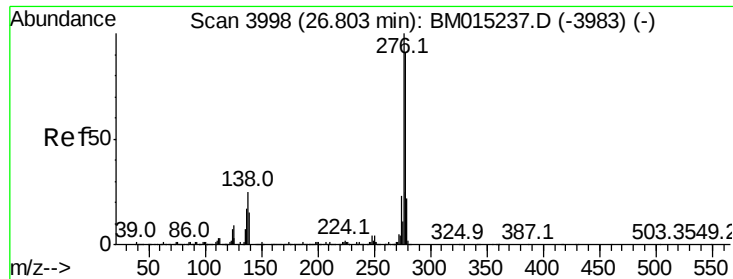


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

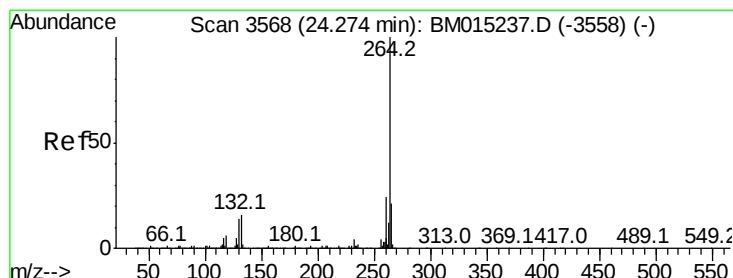
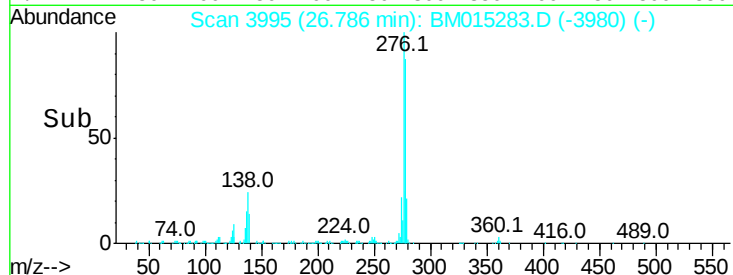
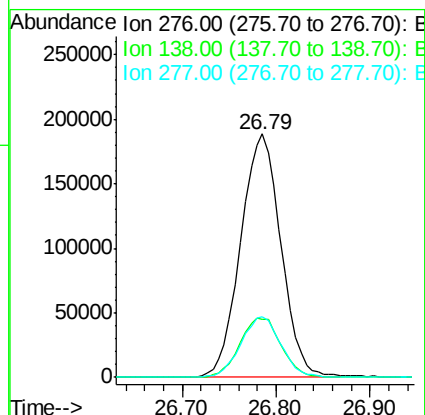
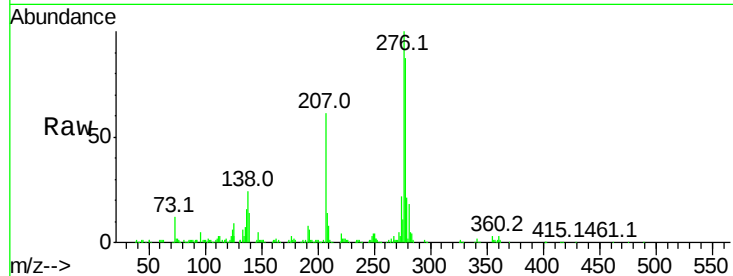




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.685 ng
 RT: 26.79 min Scan# 3995
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

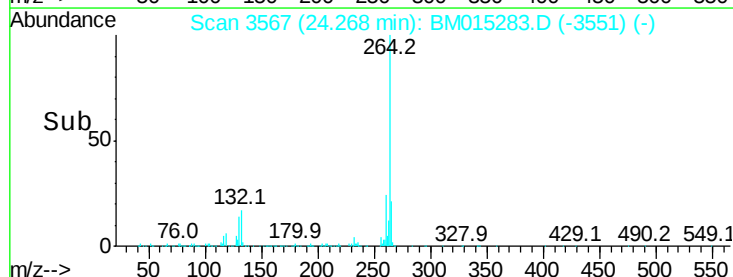
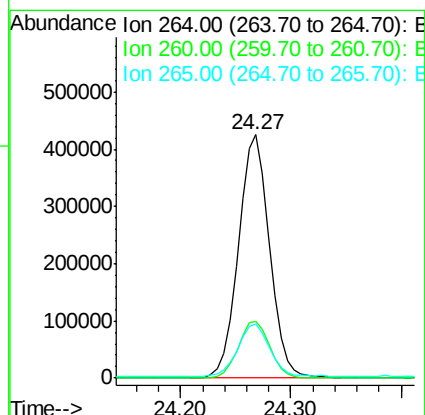
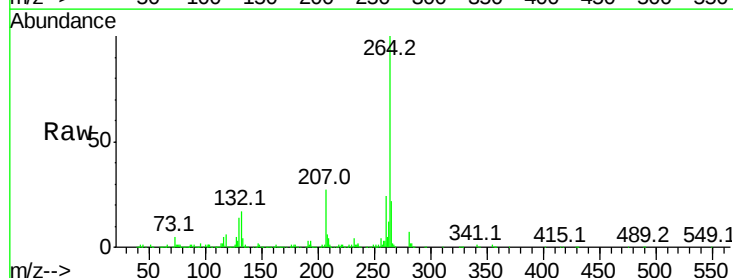
Instrument :
 BNA_M
 ClientSampleId :

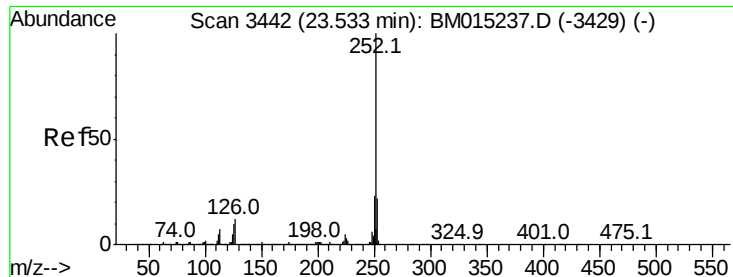
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	12.0	18.0#
277	24.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.27 min Scan# 3567
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 8.194 ng

RT: 23.57 min Scan# 3448

Delta R.T. 0.04 min

Lab File: BM015283.D

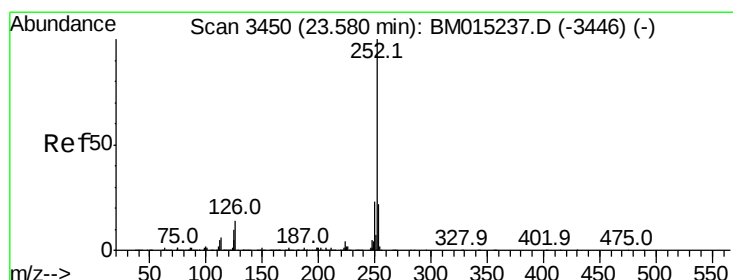
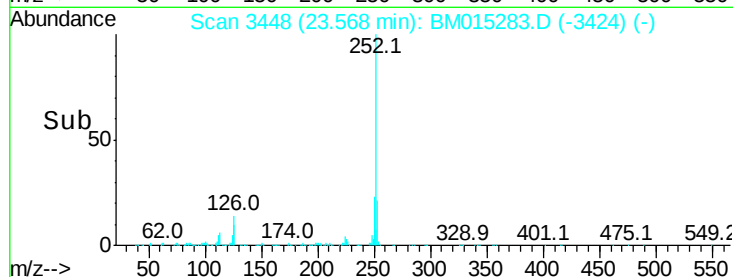
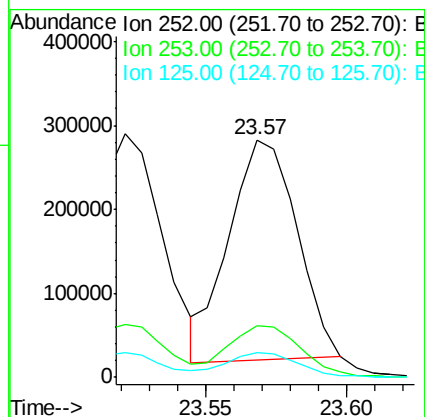
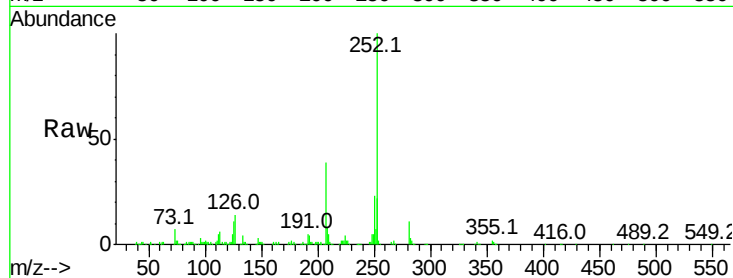
Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	437031
Ion	Ratio	Lower Upper
252	100	
253	21.7	18.0 27.0
125	10.6	9.9 14.9



#88

Benzo(k)fluoranthene

Concen: 10.025 ng

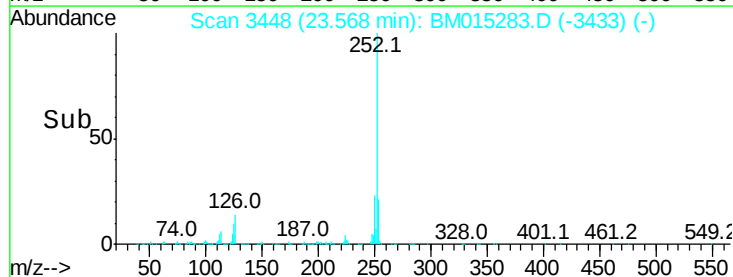
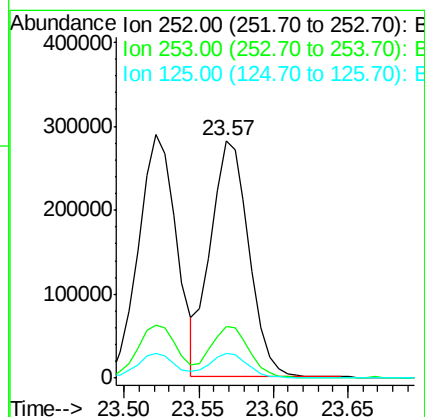
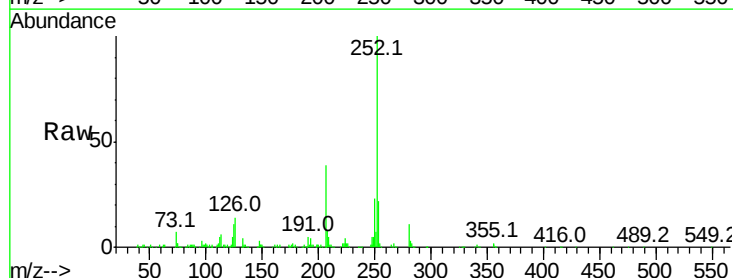
RT: 23.57 min Scan# 3448

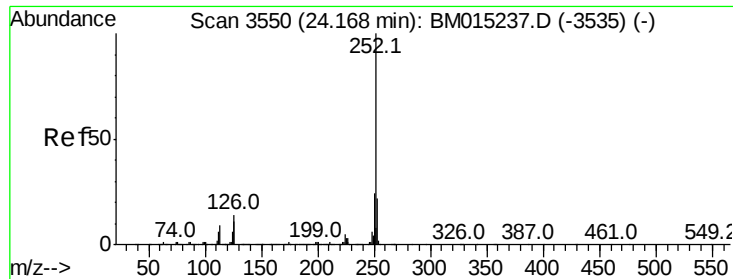
Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Tgt Ion:252	Resp:	505729
Ion	Ratio	Lower Upper
252	100	
253	21.7	17.2 25.8
125	10.6	8.1 12.1





#89

Benzo(a)pyrene

Concen: 9.547 ng

RT: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

Instrument :

BNA_M

ClientSampleId :

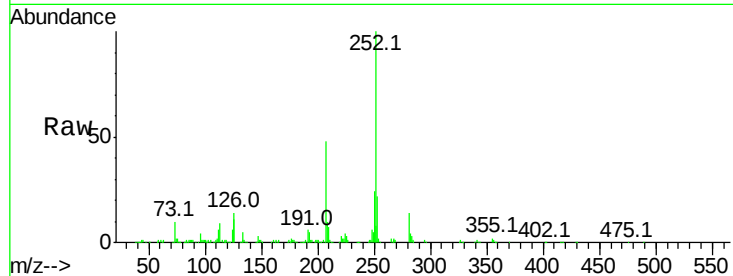
Tot Ion:252 Resp: 474918

Ion Ratio Lower Upper

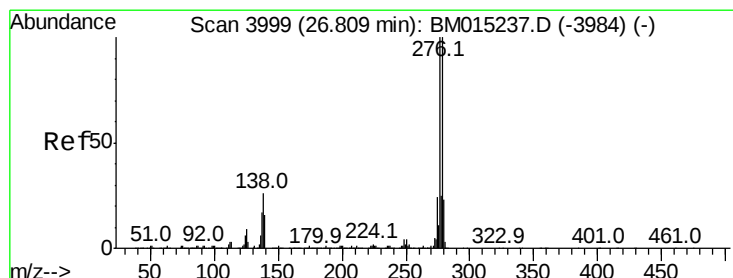
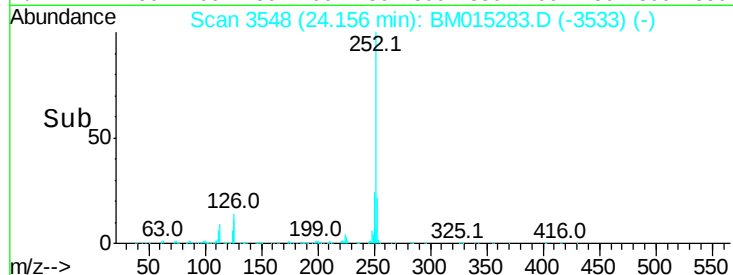
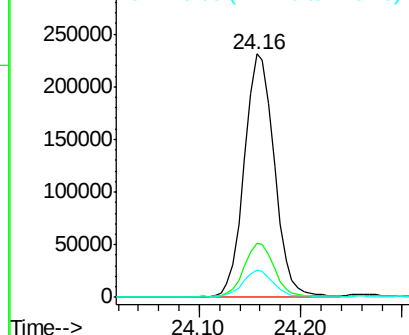
252 100

253 22.3 17.6 26.4

125 11.1 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 9.473 ng

RT: 26.79 min Scan# 3996

Delta R.T. -0.01 min

Lab File: BM015283.D

Acq: 23 May 2018 19:33

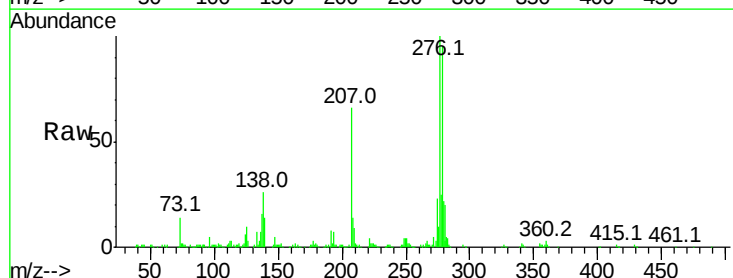
Tgt Ion:278 Resp: 480799

Ion Ratio Lower Upper

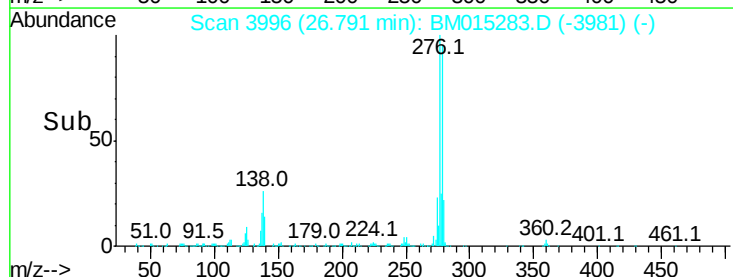
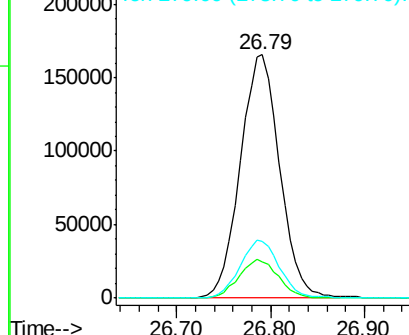
278 100

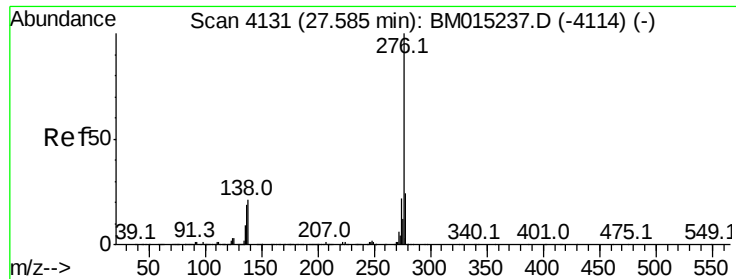
139 14.6 13.4 20.0

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

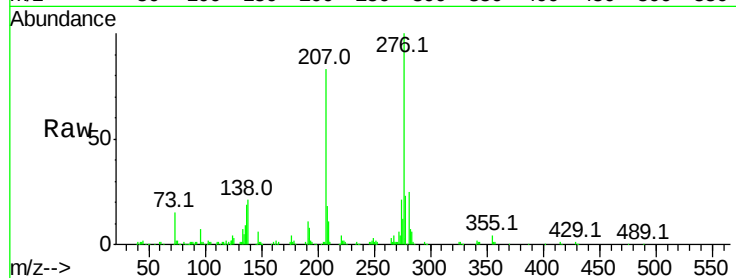




#91
 Benzo(a,h,i)perylene
 Concen: 9.292 ng
 RT: 27.56 min Scan# 4127
 Delta R.T. -0.01 min
 Lab File: BM015283.D
 Acq: 23 May 2018 19:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.5	27.7
138	20.8	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

