

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015243.D
 Acq On : 22 May 2018 16:55
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 04:02:56 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	8.41	152	190299	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	764431	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	394841	20.00	ng	0.00
63) Phenanthrene-d10	17.74	188	820161	20.00	ng	0.00
75) Chrysene-d12	21.83	240	849498	20.00	ng	0.00
86) Perylene-d12	24.27	264	869633	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	928648	79.84	ng	0.00
7) Phenol-d6	7.55	99	1218529	80.45	ng	0.00
23) Nitrobenzene-d5	9.59	82	1141456	81.80	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	416556	84.13	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	2515990	79.21	ng	0.00
78) Terphenyl-d14	20.29	244	3045100	79.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	186191	38.747	ng	# 100
3) Pyridine	4.07	79	496960	40.371	ng	# 88
4) n-Nitrosodimethylamine	3.98	42	273388	41.046	ng	# 66
6) Aniline	7.72	93	743985	39.866	ng	97
8) 2-Chlorophenol	7.96	128	523414	39.873	ng	97
9) Benzaldehyde	7.53	77	375911	39.238	ng	97
10) Phenol	7.57	94	614027	39.921	ng	81
11) bis(2-Chloroethyl)ether	7.82	93	483573	39.636	ng	92
12) 1,3-Dichlorobenzene	8.29	146	589293	39.374	ng	# 97
13) 1,4-Dichlorobenzene	8.45	146	596941	39.446	ng	96
14) 1,2-Dichlorobenzene	8.77	146	574064	39.968	ng	95
15) Benzyl Alcohol	8.65	79	447706	40.876	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.94	45	755260	39.239	ng	95
17) 2-Methylphenol	8.85	107	410436	40.141	ng	# 93
18) Hexachloroethane	9.50	117	215593	40.118	ng	92
19) n-Nitroso-di-n-propylamine	9.22	70	391110	40.514	ng	# 87
20) 3+4-Methylphenols	9.18	107	546902	40.282	ng	95
22) Acetophenone	9.25	105	735599	40.114	ng	93
24) Nitrobenzene	9.64	77	585421	40.290	ng	96
25) Isophorone	10.16	82	978630	40.830	ng	95
26) 2-Nitrophenol	10.35	139	260968	40.031	ng	# 80
27) 2,4-Dimethylphenol	10.39	122	480224	40.616	ng	90
28) bis(2-Chloroethoxy)methane	10.63	93	631312	40.225	ng	98
29) 2,4-Dichlorophenol	10.89	162	461129	41.186	ng	97
30) 1,2,4-Trichlorobenzene	11.10	180	528846	40.093	ng	99
31) Naphthalene	11.30	128	1577859	39.712	ng	99
32) Benzoic acid	10.53	122	272100	39.782	ng	91
33) 4-Chloroaniline	11.40	127	652754	41.168	ng	# 91
34) Hexachlorobutadiene	11.56	225	317741	40.507	ng	98
35) Caprolactam	12.19	113	128914	40.682	ng	94
36) 4-Chloro-3-methylphenol	12.49	107	472383	41.300	ng	90
37) 2-Methylnaphthalene	12.87	142	1112280	40.396	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	558473	40.156	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	324126	38.580	ng	99

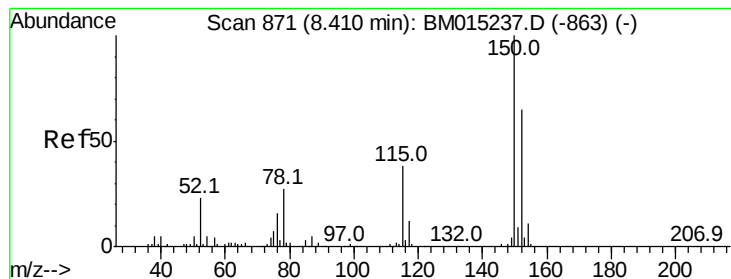
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015243.D
 Acq On : 22 May 2018 16:55
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Instrument :
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 ClientSampleId :

Quant Time: May 23 04:02:56 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)
42) 2,4,6-Trichlorophenol	13.47	196	347641	41.595	ng	99
43) 2,4,5-Trichlorophenol	13.54	196	371120	41.125	ng	# 89
45) 1,1'-Biphenyl	13.86	154	1380697	39.966	ng	99
46) 2-Chloronaphthalene	13.91	162	1070168	40.250	ng	94
47) 2-Nitroaniline	14.11	65	305373	40.314	ng	88
48) Acenaphthylene	14.75	152	1607296	40.698	ng	99
49) Dimethylphthalate	14.46	163	1262183	40.055	ng	# 99
50) 2,6-Dinitrotoluene	14.59	165	275461	41.901	ng	94
51) Acenaphthene	15.09	154	992778	40.355	ng	99
52) 3-Nitroaniline	14.93	138	281582	40.677	ng	84
53) 2,4-Dinitrophenol	15.13	184	134813	38.059	ng	92
54) Dibenzofuran	15.42	168	1553635	40.054	ng	95
55) 4-Nitrophenol	15.22	139	228593	40.714	ng	# 53
56) 2,4-Dinitrotoluene	15.37	165	363222	40.348	ng	# 77
57) Fluorene	16.06	166	1239691	40.443	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	315721	40.798	ng	# 100
59) Diethylphthalate	15.80	149	1266510	40.773	ng	98
60) 4-Chlorophenyl-phenylether	16.03	204	622037	39.839	ng	95
61) 4-Nitroaniline	16.07	138	296566	40.977	ng	# 69
62) Azobenzene	16.33	77	1233370	41.797	ng	90
64) 4,6-Dinitro-2-methylphenol	16.13	198	182191	40.247	ng	94
65) n-Nitrosodiphenylamine	16.25	169	1053743	39.986	ng	99
66) 4-Bromophenyl-phenylether	16.92	248	369245	40.297	ng	# 89
67) Hexachlorobenzene	17.04	284	422027	39.994	ng	# 89
68) Atrazine	17.18	200	346372	41.434	ng	97
69) Pentachlorophenol	17.39	266	237028	40.352	ng	97
70) Phenanthrene	17.78	178	1859505	39.805	ng	100
71) Anthracene	17.87	178	1892482	40.640	ng	99
72) Carbazole	18.13	167	1697707	41.181	ng	99
73) Di-n-butylphthalate	18.66	149	2026943	41.761	ng	99
74) Fluoranthene	19.75	202	2085357	40.702	ng	97
76) Benzidine	19.92	184	1159590	43.604	ng	99
77) Pyrene	20.11	202	2137872	39.874	ng	100
79) Butylbenzylphthalate	20.95	149	910029	41.570	ng	90
80) Benzo(a)anthracene	21.82	228	2145132	40.072	ng	100
81) 3,3'-Dichlorobenzidine	21.74	252	823067	41.523	ng	99
82) Chrysene	21.87	228	2025344	40.171	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1337396	42.001	ng	98
84) Di-n-octyl phthalate	22.63	149	2264385	40.658	ng	# 95
85) Indeno(1,2,3-cd)pyrene	26.80	276	2530094	41.479	ng	# 91
87) Benzo(b)fluoranthene	23.53	252	2269620	41.248	ng	# 97
88) Benzo(k)fluoranthene	23.58	252	2089540	40.147	ng	99
89) Benzo(a)pyrene	24.17	252	2104611	41.007	ng	98
90) Dibenzo(a,h)anthracene	26.80	278	2145379	40.973	ng	100
91) Benzo(g,h,i)perylene	27.58	276	2089852	40.979	ng	97

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

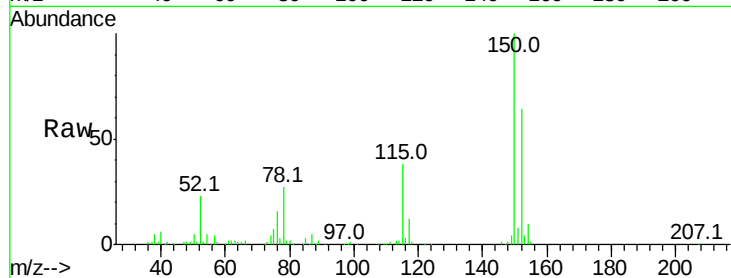


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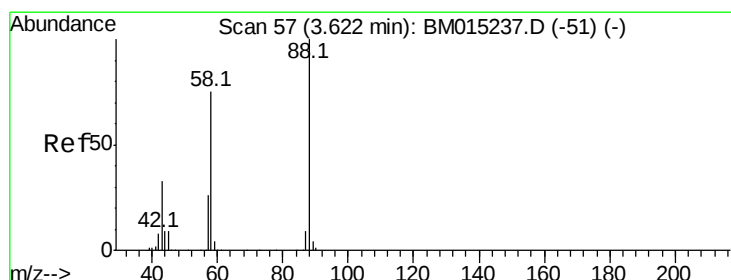
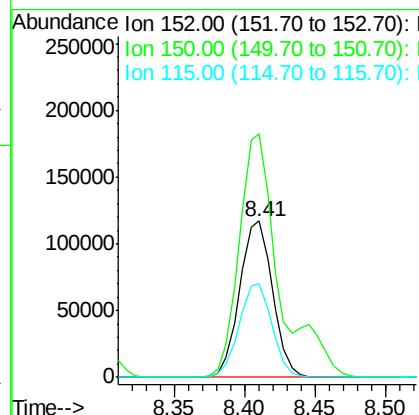
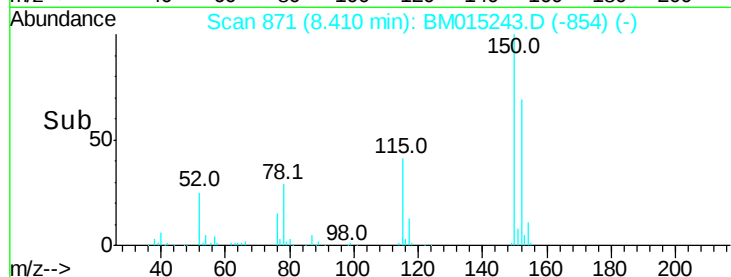
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 190299
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 59.8 43.0 64.4



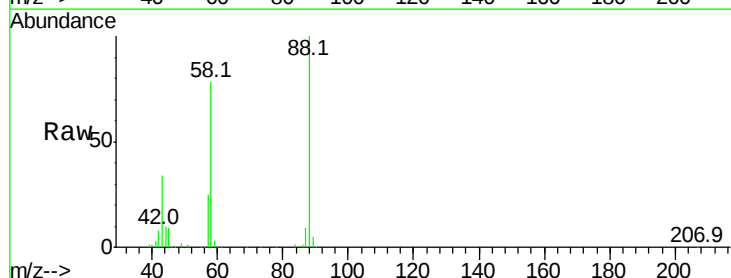
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



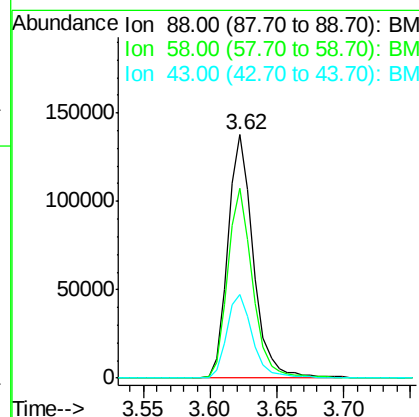
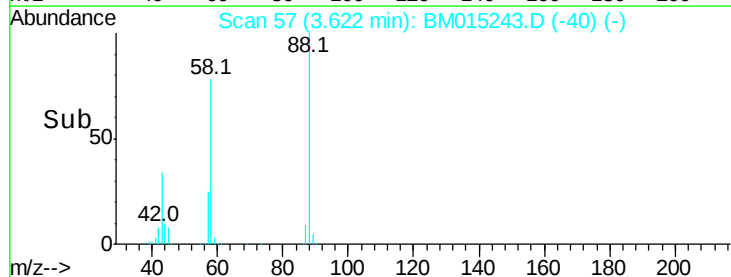
#2

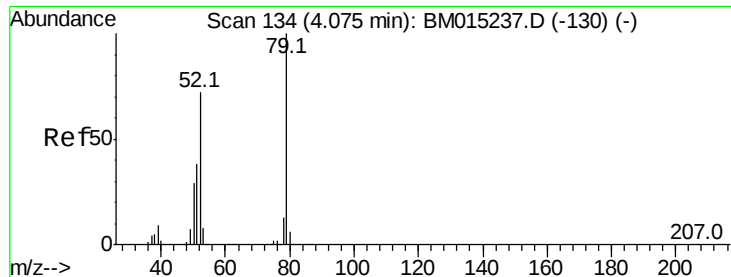
1,4-Dioxane
Concen: 38.747 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion: 88 Resp: 186191
Ion Ratio Lower Upper
88 100
58 76.5 0.0 0.0#
43 35.0 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: 40.371 ng

RT: 4.07 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

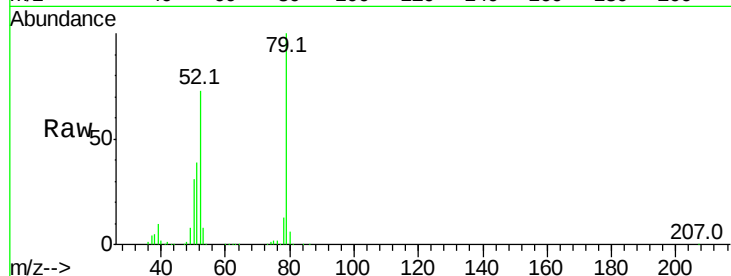
Tot Ion: 79 Resp: 496960

Ion Ratio Lower Upper

79 100

52 73.4 51.1 76.7

51 39.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM015237.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM015237.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM015237.D (-130) (-)

4.07

300000

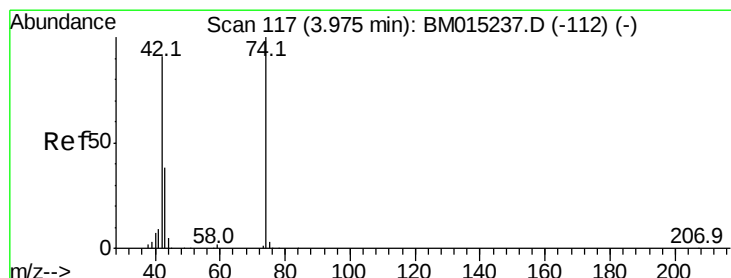
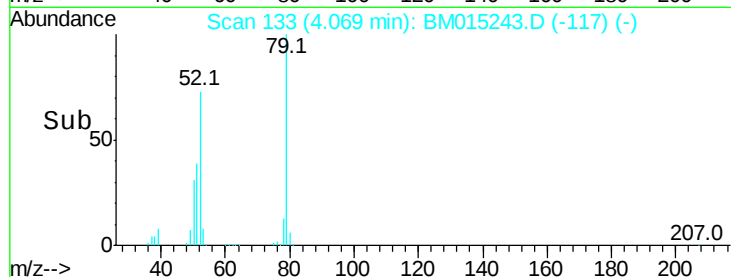
200000

100000

0

4.00 4.05 4.10 4.15

Time-->



#4

n-Nitrosodimethylamine

Concen: 41.046 ng

RT: 3.98 min Scan# 117

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

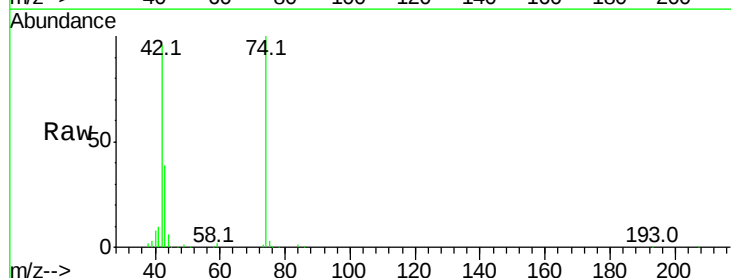
Tgt Ion: 42 Resp: 273388

Ion Ratio Lower Upper

42 100

74 103.8 119.3 178.9#

44 5.9 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BM015237.D (-112) (-)

Ion 74.00 (73.70 to 74.70): BM015237.D (-112) (-)

Ion 44.00 (43.70 to 44.70): BM015237.D (-112) (-)

3.98

250000

200000

150000

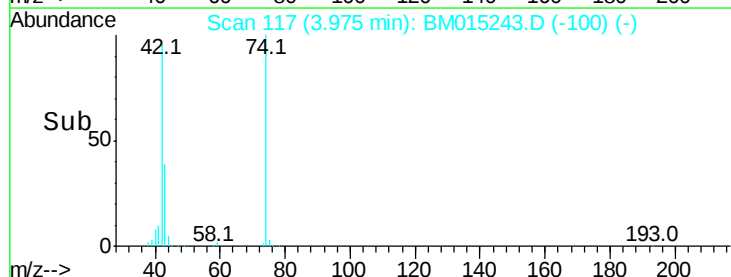
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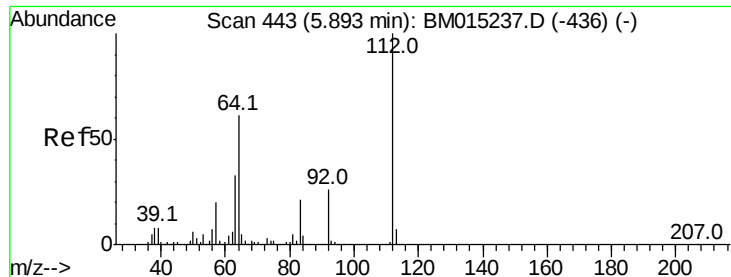
50000

0

3.90 3.95 4.00 4.05

Time-->





#5

2-Fluorophenol

Concen: 79.840 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

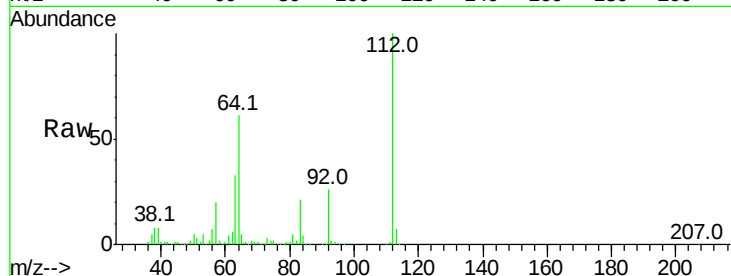
Tot Ion:112 Resp: 928648

Ion Ratio Lower Upper

112 100

64 61.5 38.6 57.8#

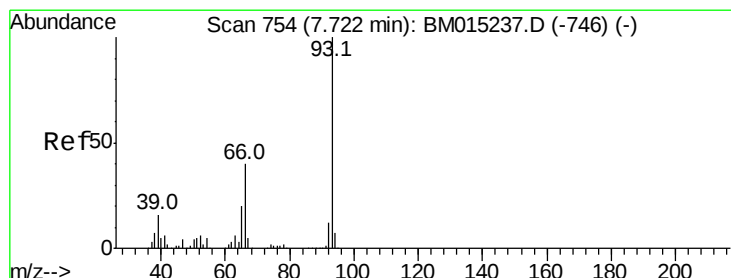
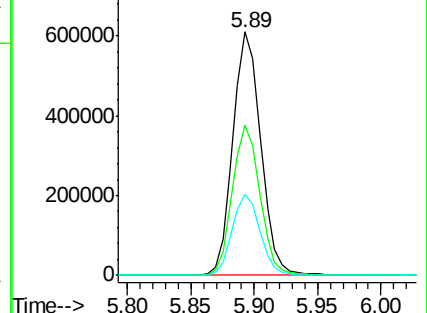
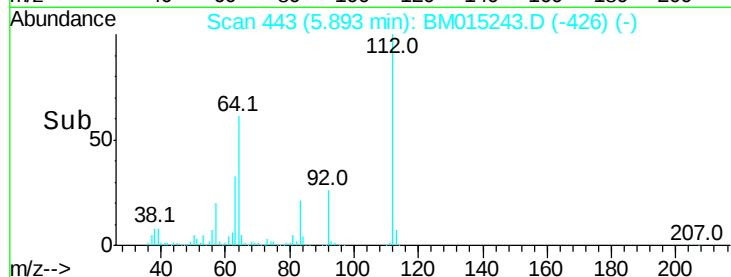
63 33.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 39.866 ng

RT: 7.72 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

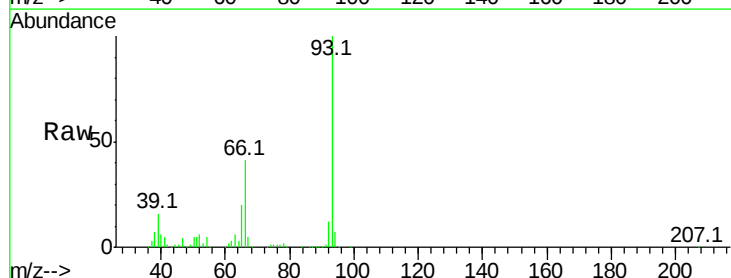
Tgt Ion: 93 Resp: 743985

Ion Ratio Lower Upper

93 100

66 41.0 30.8 46.2

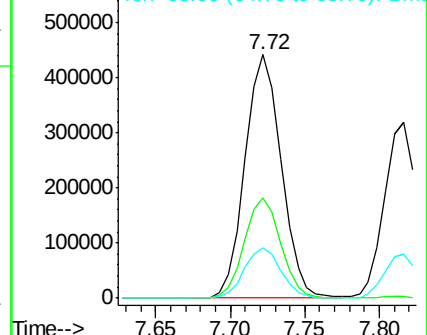
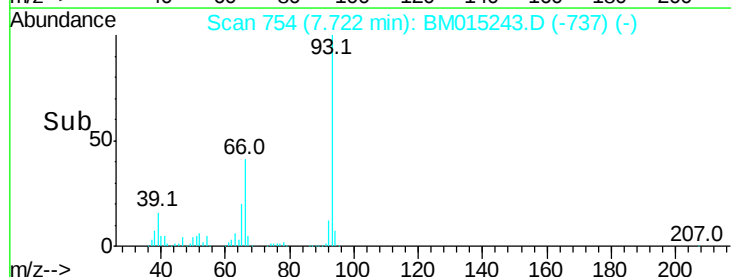
65 20.5 16.0 24.0

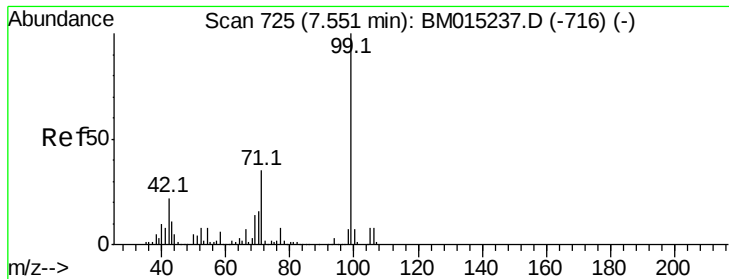


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 80.450 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

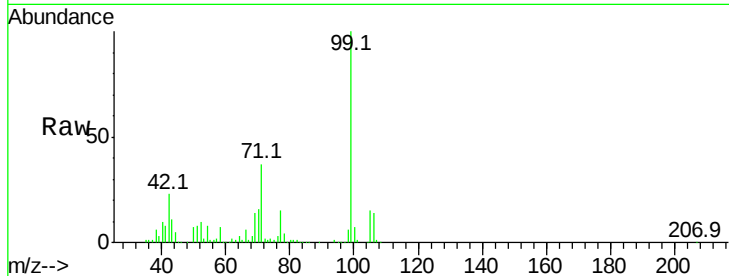
Tot Ion: 99 Resp: 1218529

Ion Ratio Lower Upper

99 100

42 22.7 11.0 16.4#

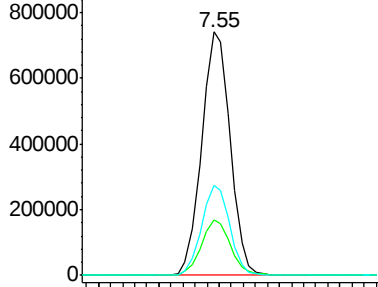
71 36.8 23.4 35.2#



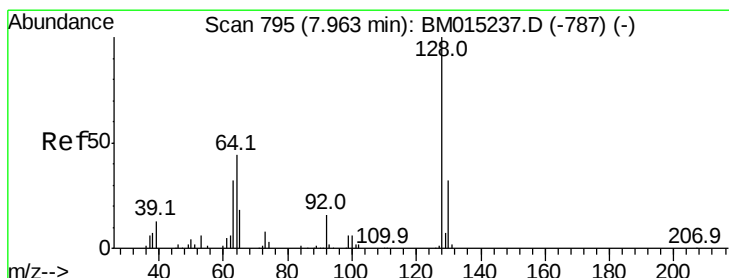
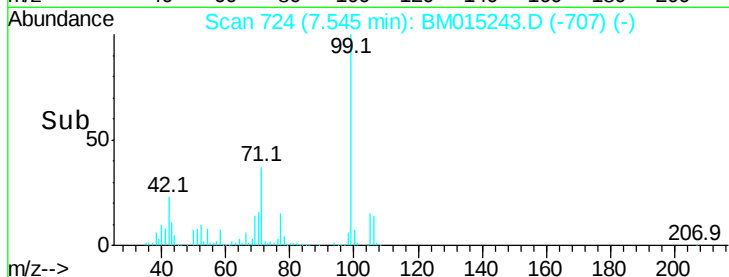
Abundance Ion 99.00 (98.70 to 99.70): BM015243.D (-707) (-)

Ion 42.00 (41.70 to 42.70): BM015243.D (-707) (-)

Ion 71.00 (70.70 to 71.70): BM015243.D (-707) (-)



Time-->



#8

2-Chlorophenol

Concen: 39.873 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

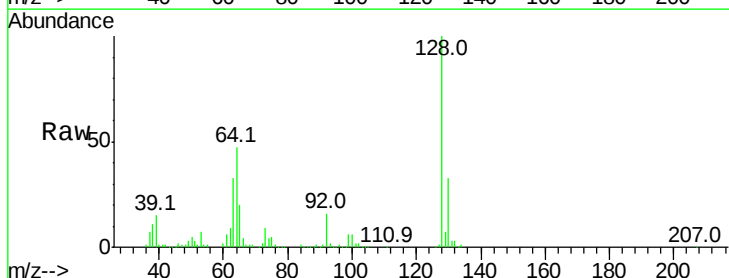
Tgt Ion: 128 Resp: 523414

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

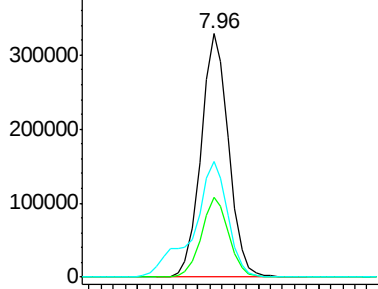
64 47.4 24.9 64.9



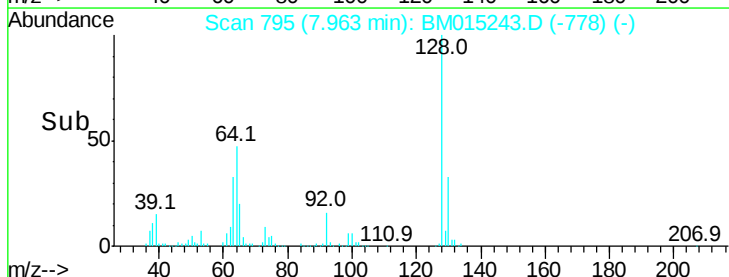
Abundance Ion 128.00 (127.70 to 128.70): BM015243.D (-778) (-)

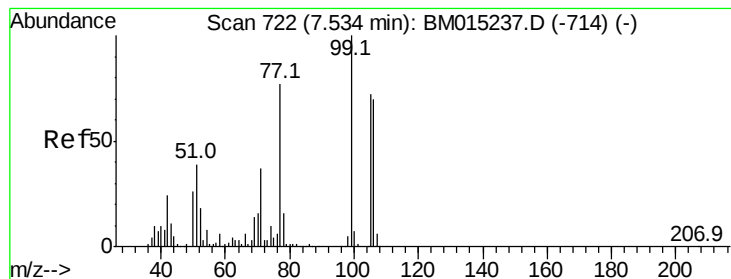
Ion 130.00 (129.70 to 130.70): BM015243.D (-778) (-)

Ion 64.00 (63.70 to 64.70): BM015243.D (-778) (-)



Time-->





#9

Benzaldehyde

Concen: 39.238 ng

RT: 7.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

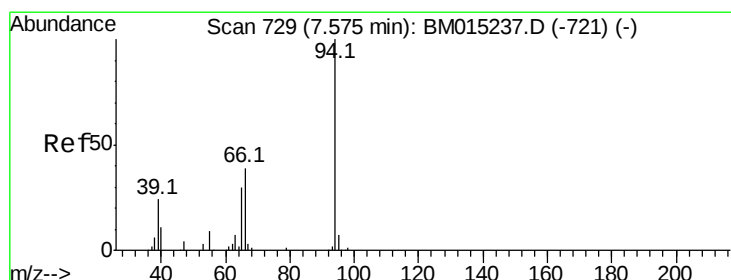
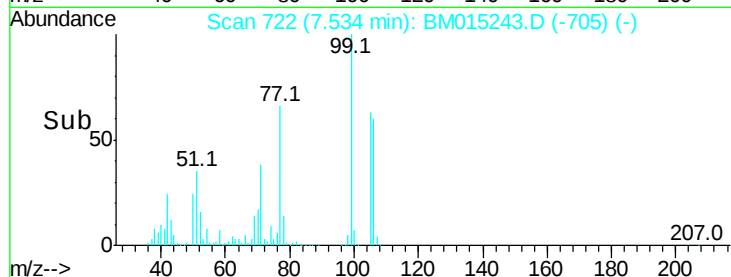
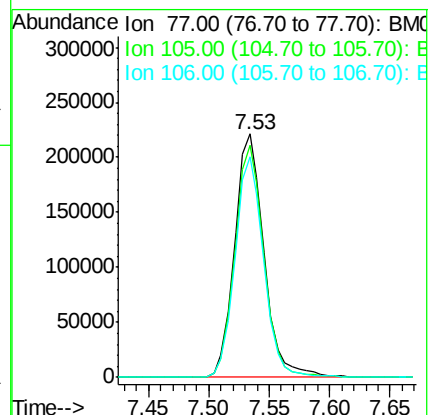
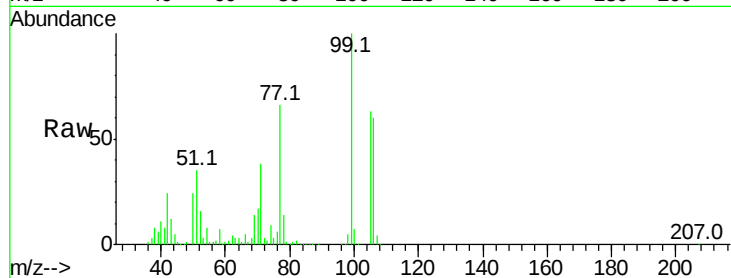
Tot Ion: 77 Resp: 375911

Ion Ratio Lower Upper

77 100

105 95.4 78.8 118.8

106 90.7 73.7 113.7



#10

Phenol

Concen: 39.921 ng

RT: 7.57 min Scan# 729

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

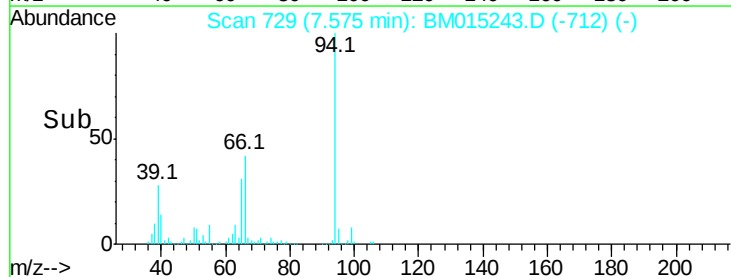
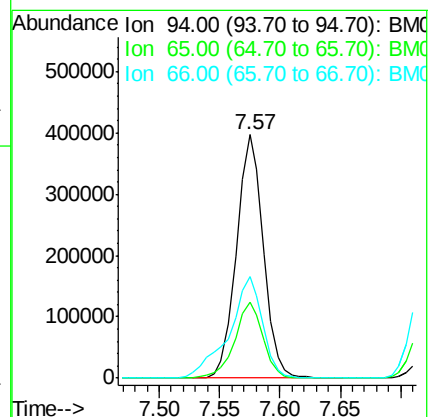
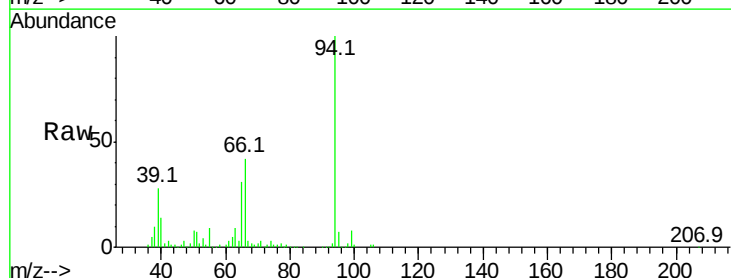
Tgt Ion: 94 Resp: 614027

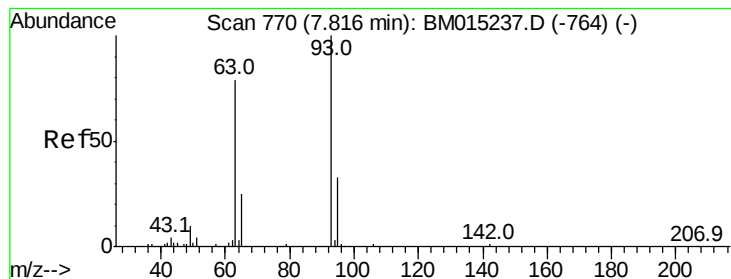
Ion Ratio Lower Upper

94 100

65 31.3 18.8 58.8

66 41.9 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 39.636 ng

RT: 7.82 min Scan# 770

Delta R.T. 0.01 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

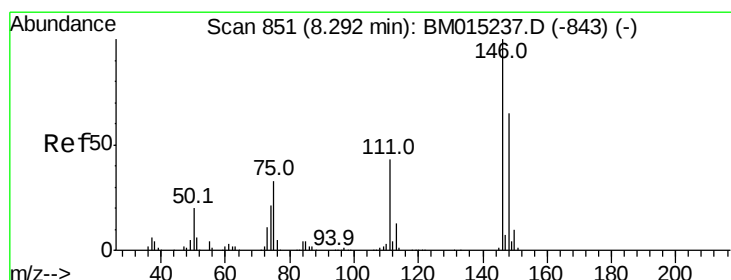
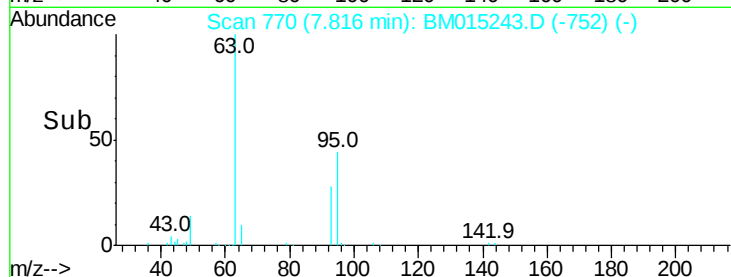
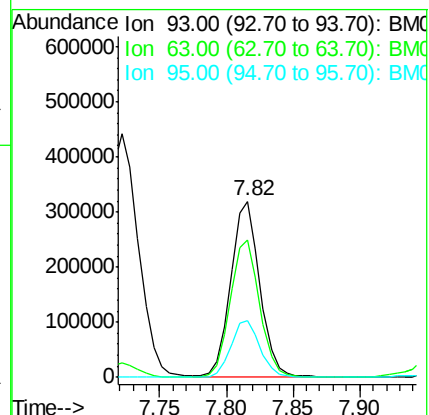
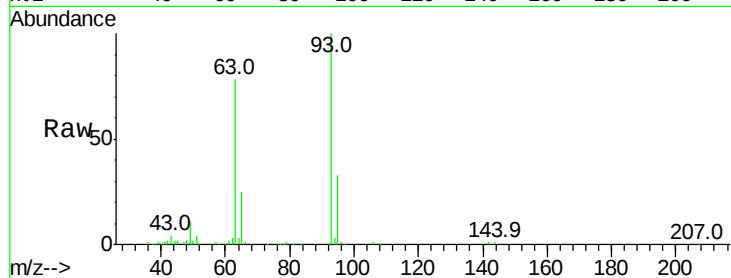
Tot Ion: 93 Resp: 483573

Ion Ratio Lower Upper

93 100

63 78.0 49.5 89.5

95 32.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.374 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

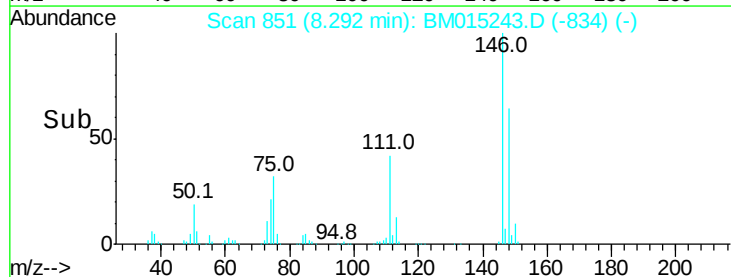
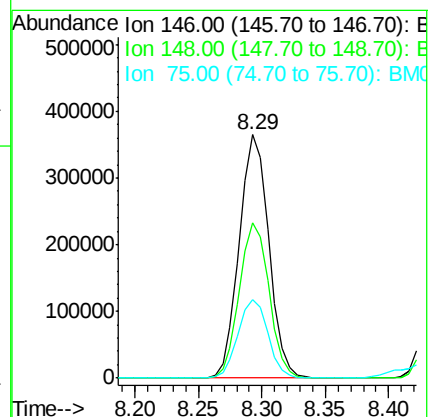
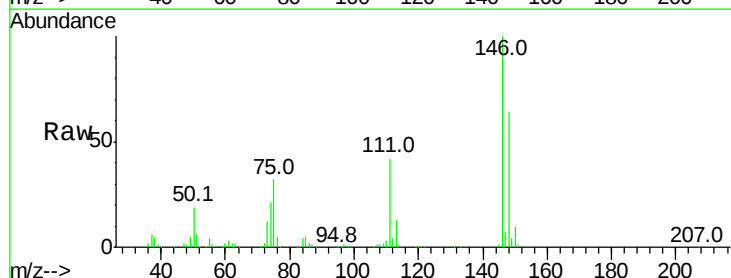
Tgt Ion: 146 Resp: 589293

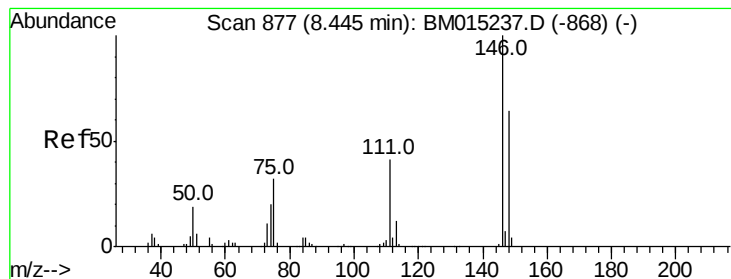
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 32.4 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 39.446 ng

RT: 8.45 min Scan# 877

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

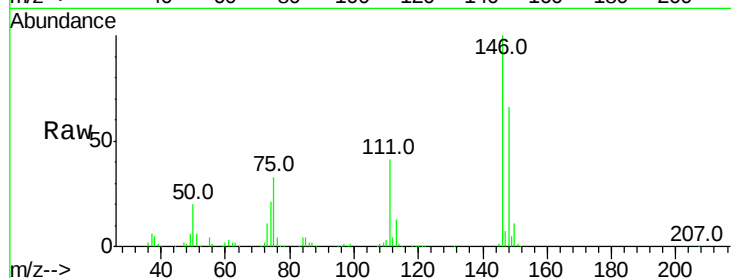
Tot Ion:146 Resp: 596941

Ion Ratio Lower Upper

146 100

148 65.7 51.9 77.9

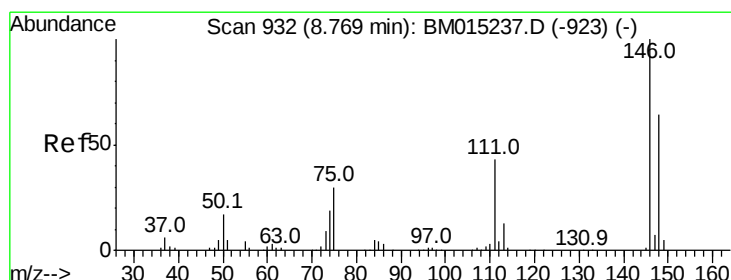
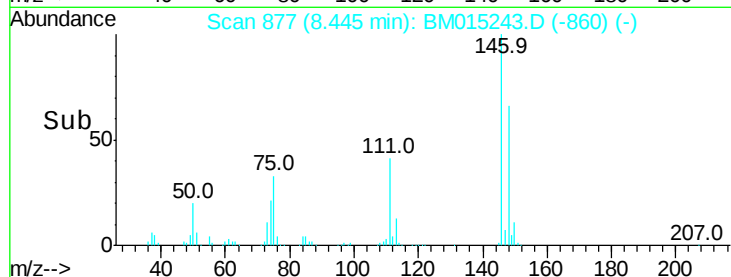
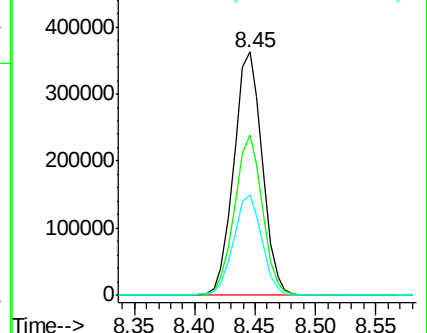
111 41.3 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.968 ng

RT: 8.77 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

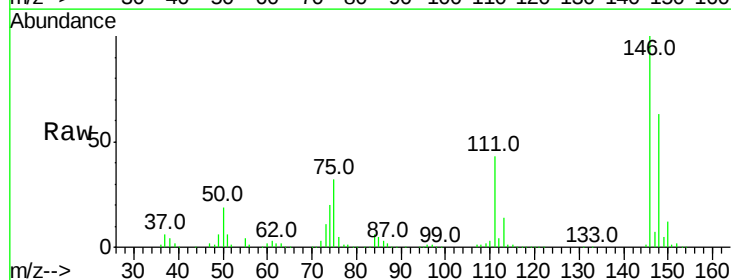
Tgt Ion:146 Resp: 574064

Ion Ratio Lower Upper

146 100

148 63.1 52.3 78.5

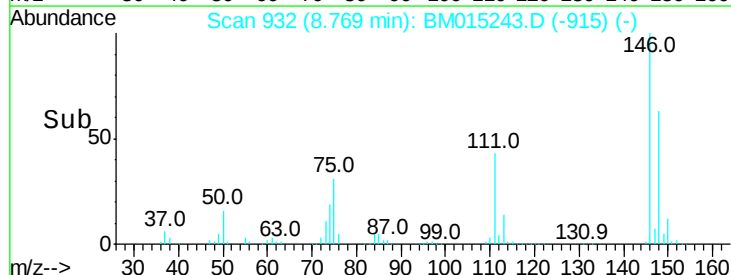
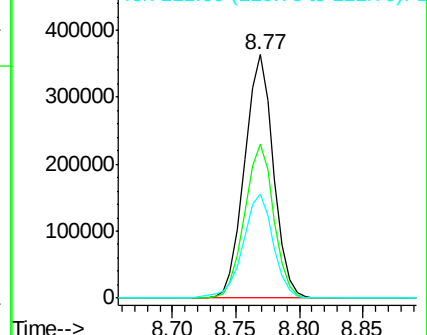
111 42.6 30.6 45.8

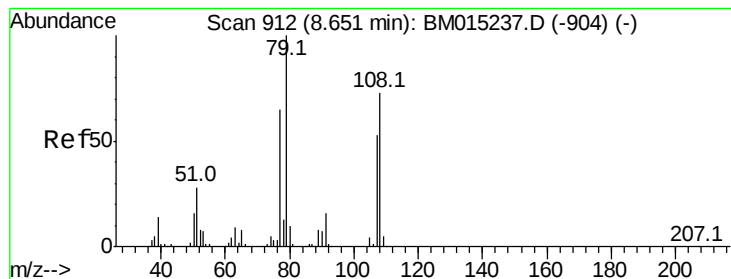


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.876 ng

RT: 8.65 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

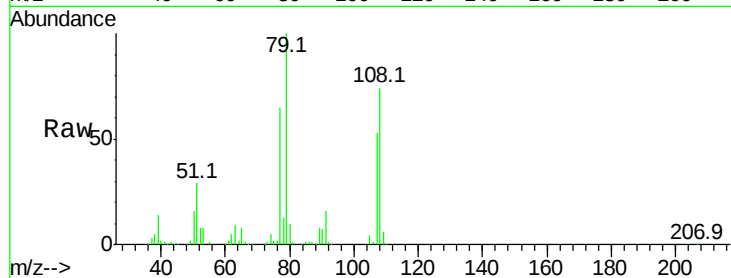
Tot Ion: 79 Resp: 447706

Ion Ratio Lower Upper

79 100

108 74.3 65.0 97.4

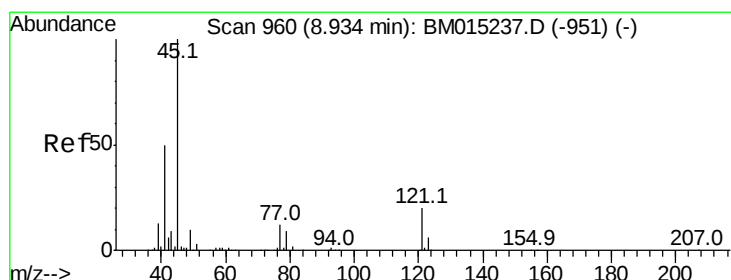
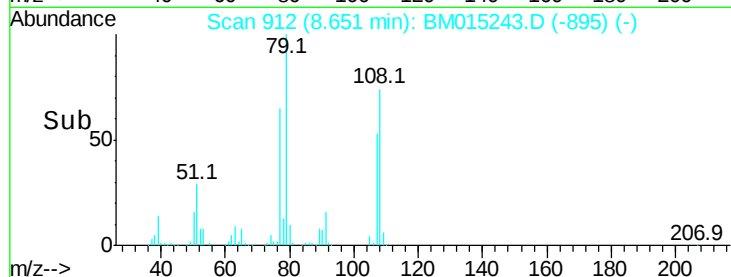
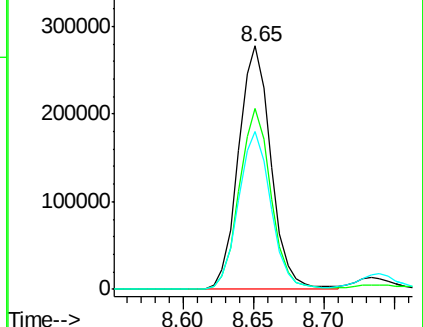
77 64.6 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM015243.D (-895) (-)

Ion 108.00 (107.70 to 108.70): BM015243.D (-895) (-)

Ion 77.00 (76.70 to 77.70): BM015243.D (-895) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.239 ng

RT: 8.94 min Scan# 961

Delta R.T. 0.01 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

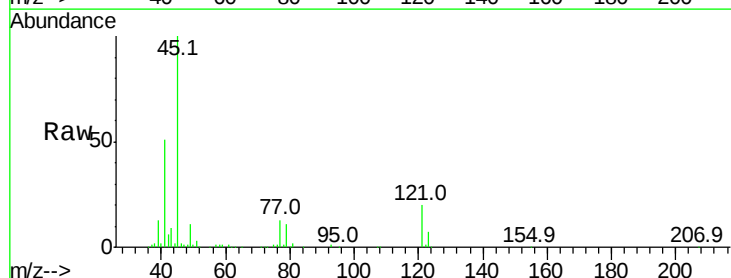
Tgt Ion: 45 Resp: 755260

Ion Ratio Lower Upper

45 100

77 12.8 0.0 35.2

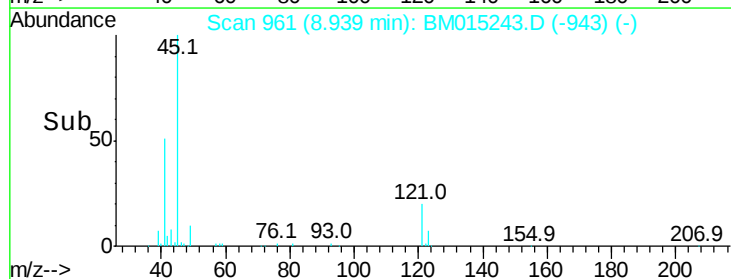
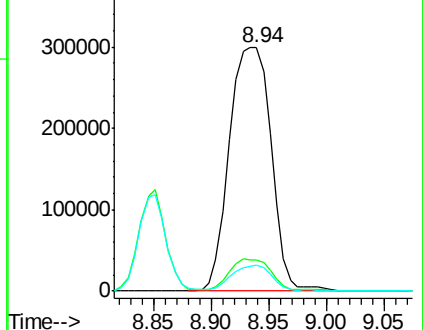
79 10.6 0.0 32.0

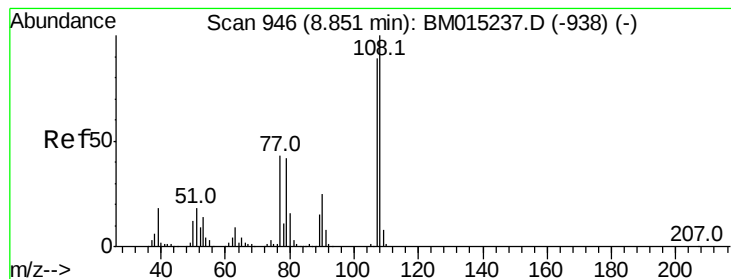


Abundance Ion 45.00 (44.70 to 45.70): BM015243.D (-943) (-)

Ion 77.00 (76.70 to 77.70): BM015243.D (-943) (-)

Ion 79.00 (78.70 to 79.70): BM015243.D (-943) (-)

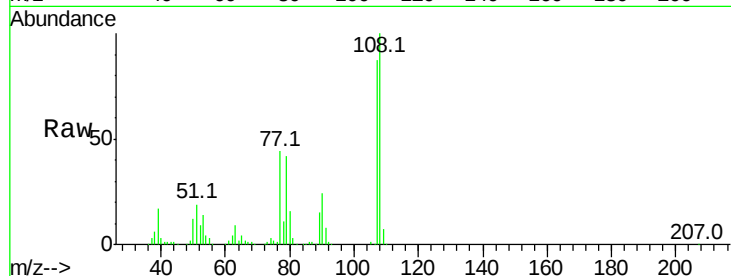




#17
2-Methylphenol
Concen: 40.141 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.3	89.8	134.8
77	49.9	32.6	48.8
79	47.9	32.8	49.2



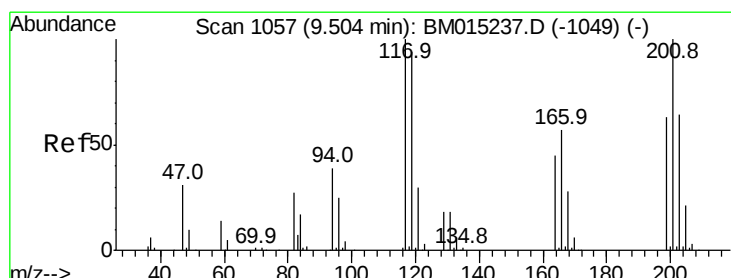
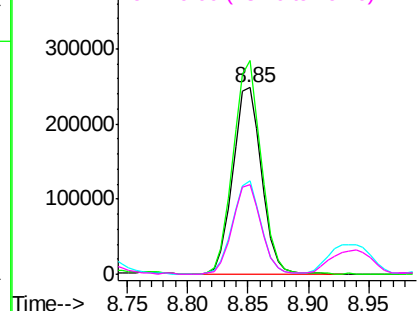
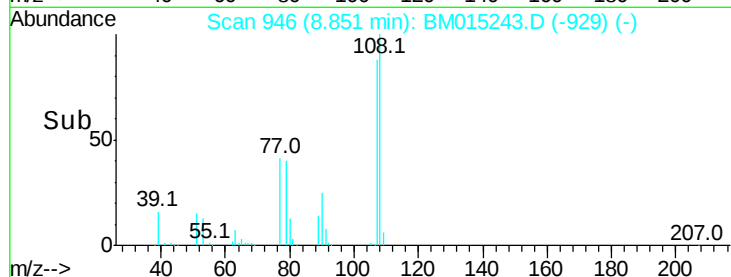
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

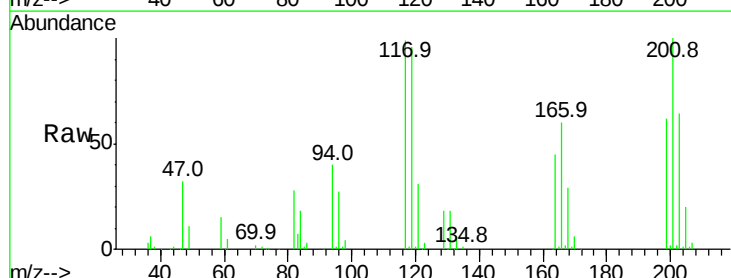
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 40.118 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.2	118.8
201	101.3	69.8	104.6

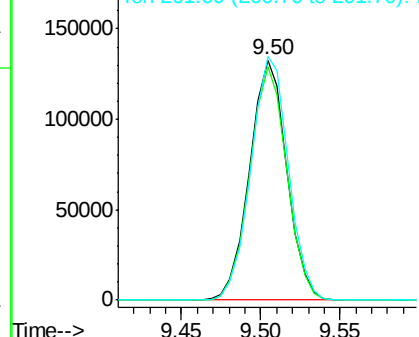
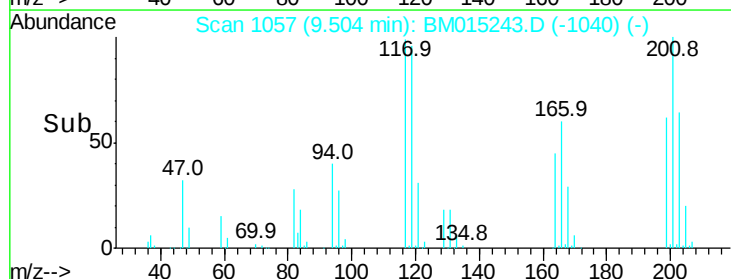


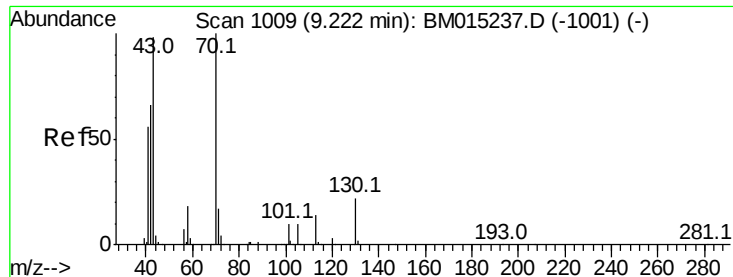
Abundance

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

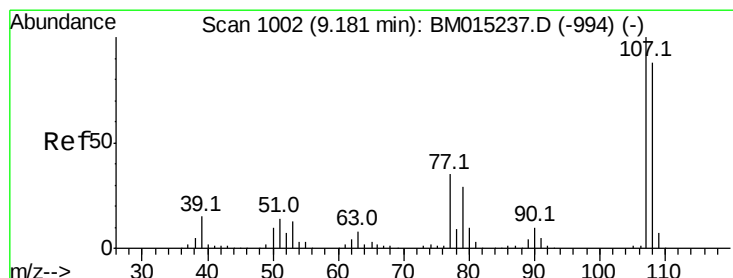
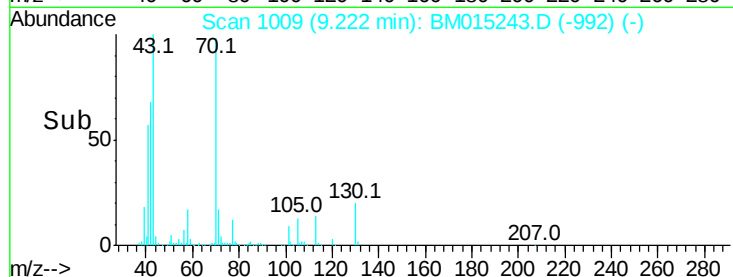
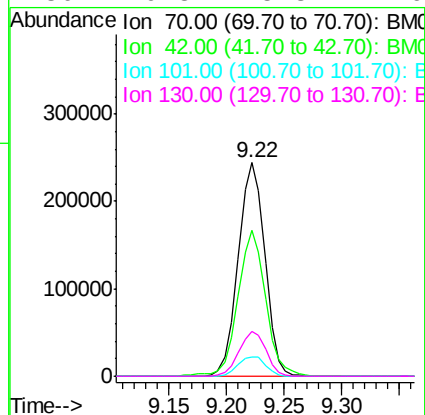
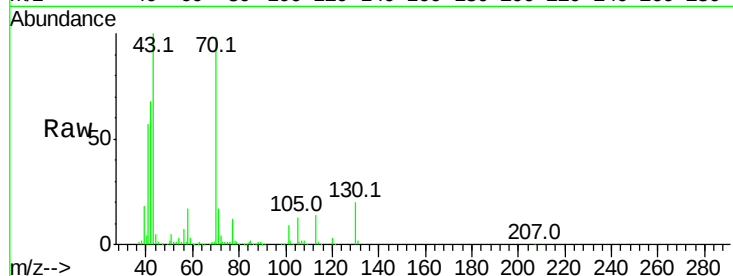




#19
n-Nitroso-di-n-propylamine
Concen: 40.514 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

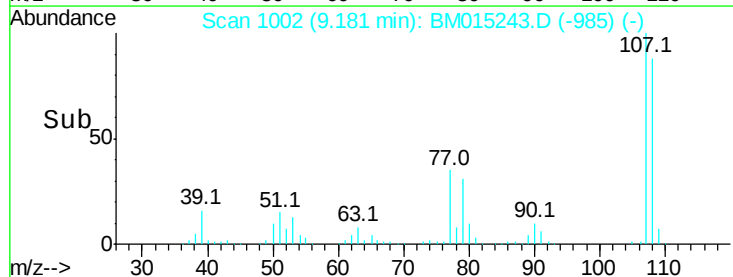
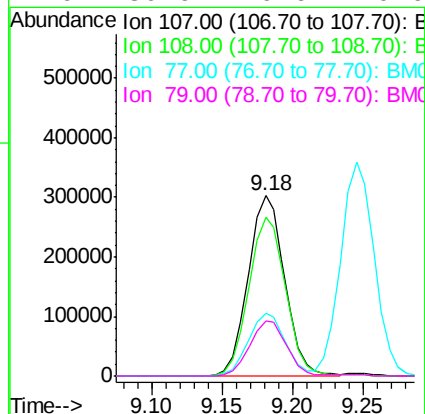
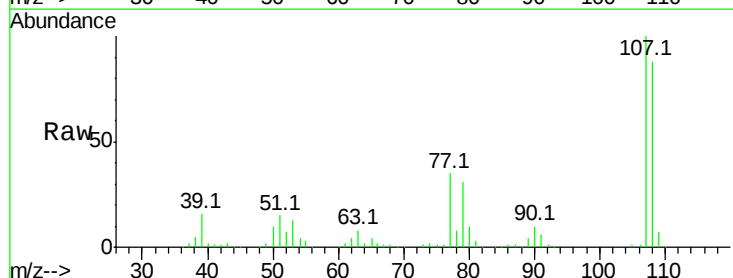
Instrument :
BNA_M
ClientSampleId :

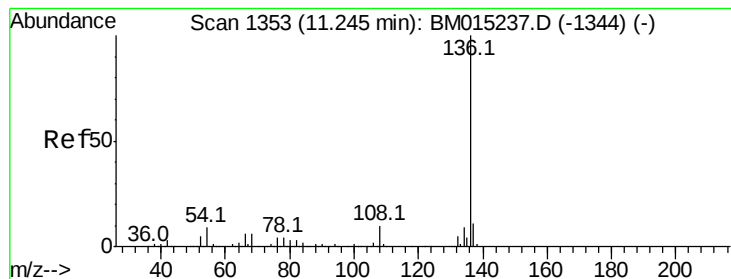
Tot Ion:	70	Resp:	391110
Ion	Ratio	Lower	Upper
70	100		
42	68.6	44.5	66.7#
101	9.1	7.4	11.2
130	20.8	15.3	22.9



#20
3+4-Methylphenols
Concen: 40.282 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:	107	Resp:	546902
Ion	Ratio	Lower	Upper
107	100		
108	87.9	73.2	113.2
77	35.1	10.7	50.7
79	30.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.25 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 764431

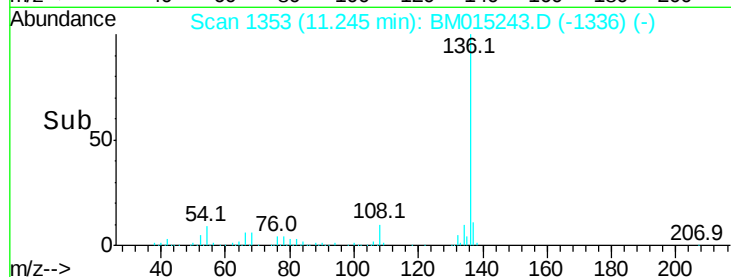
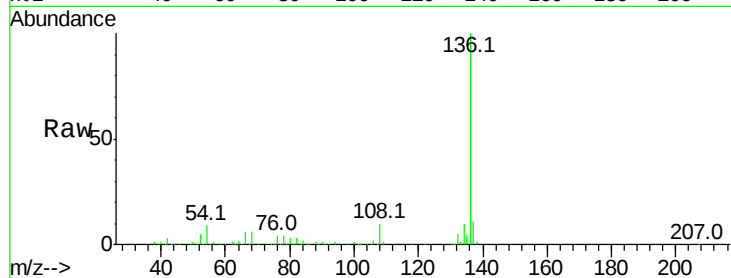
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.6 4.6 6.8#

68 6.1 3.7 5.5#

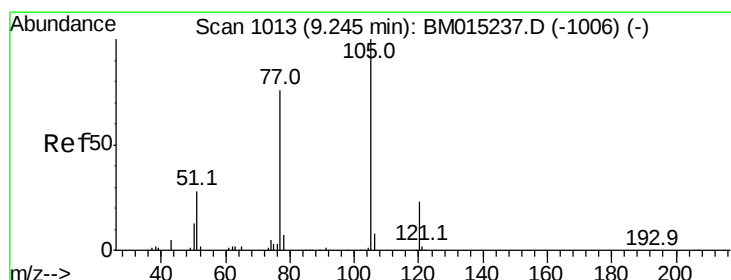
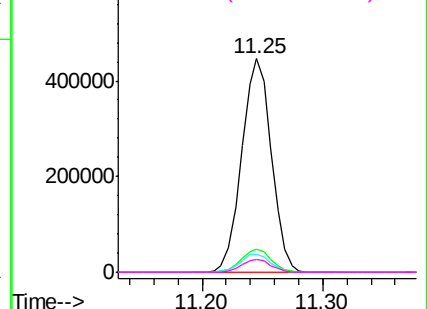


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.114 ng

RT: 9.25 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Tgt Ion:105 Resp: 735599

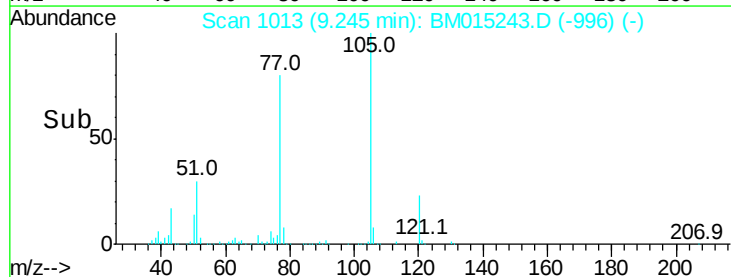
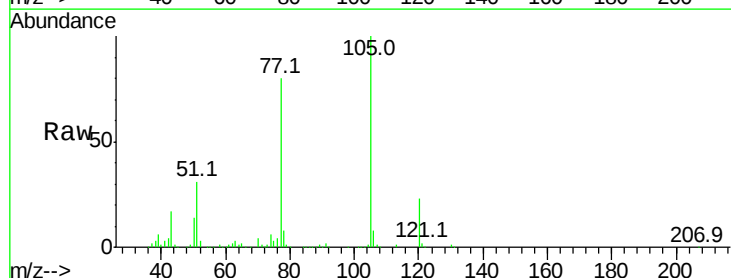
Ion Ratio Lower Upper

105 100

71 0.7 0.6 1.0

51 30.6 21.6 32.4

120 22.9 16.1 24.1

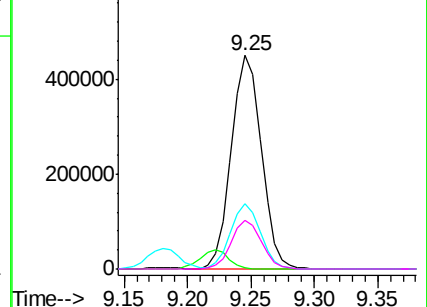


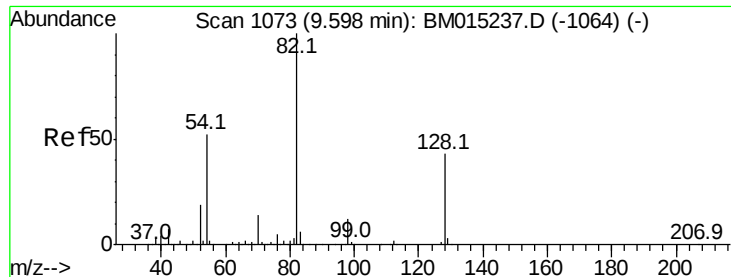
Abundance Ion 105.00 (104.70 to 105.70): E

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

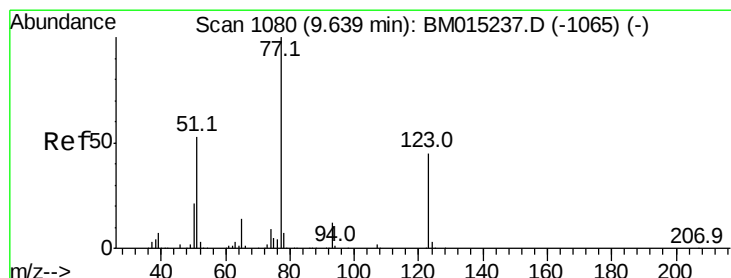
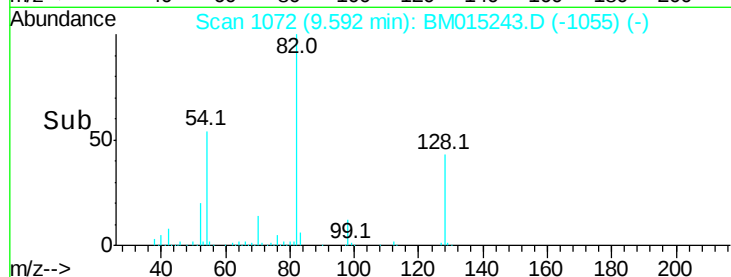
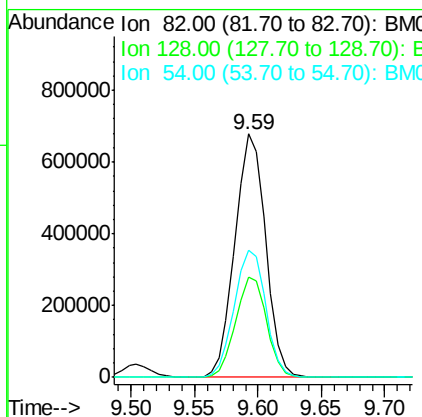
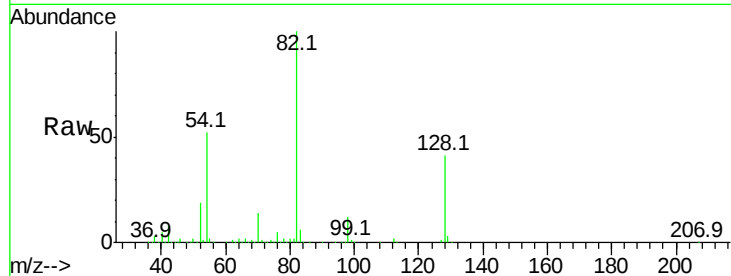




#23
 Nitrobenzene-d5
 Concen: 81.798 ng
 RT: 9.59 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

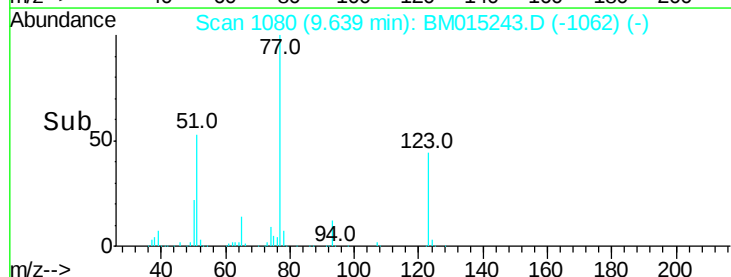
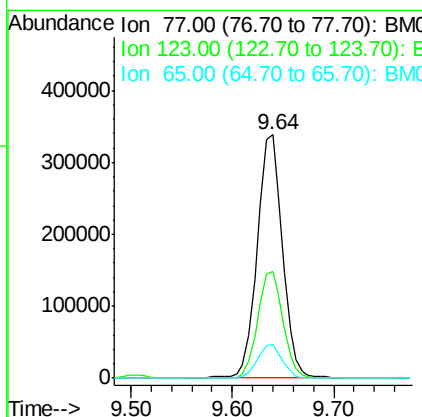
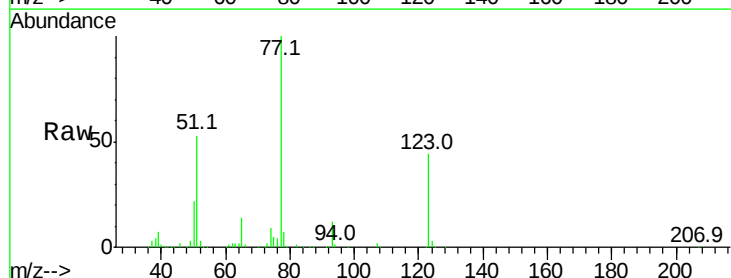
Instrument :
 BNA_M
 ClientSampled :

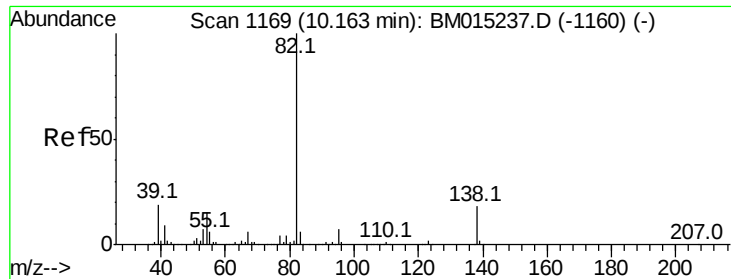
Tot Ion: 82 Resp: 1141456
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.8 49.2
 54 52.3 40.6 60.8



#24
 Nitrobenzene
 Concen: 40.290 ng
 RT: 9.64 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion: 77 Resp: 585421
 Ion Ratio Lower Upper
 77 100
 123 44.1 32.6 49.0
 65 13.6 10.9 16.3

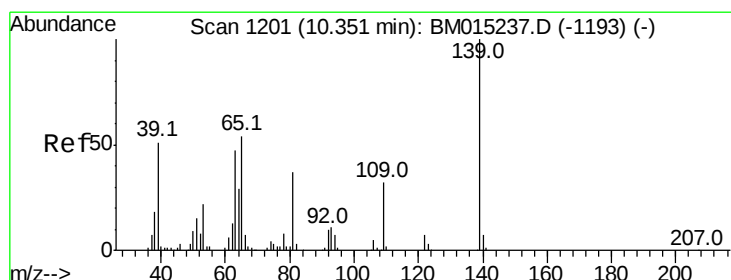
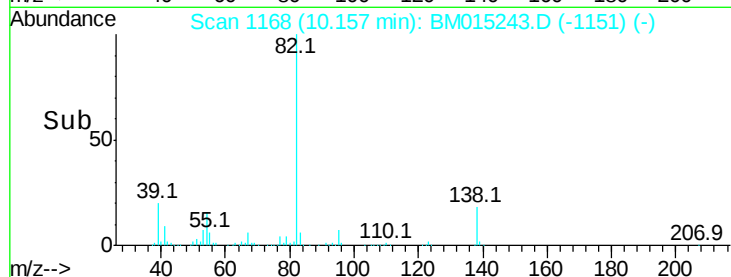
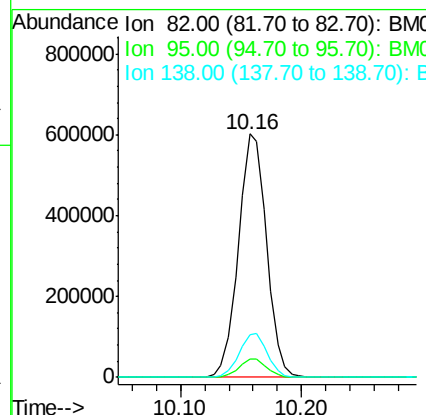
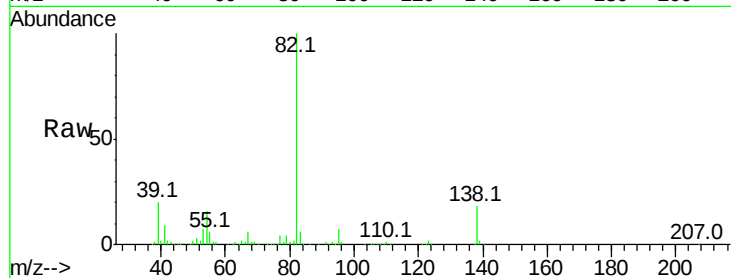




#25
Isophorone
Concen: 40.830 ng
RT: 10.16 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

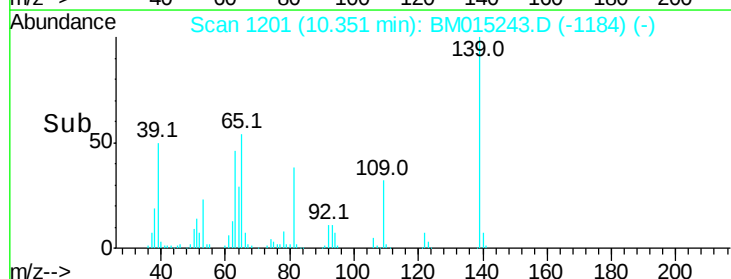
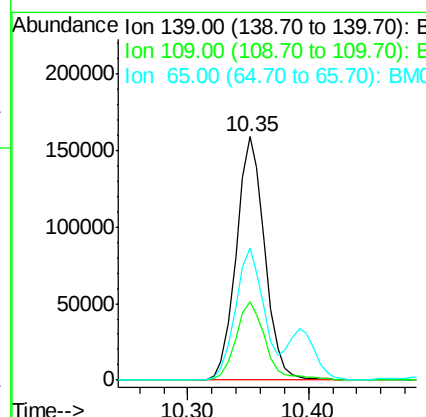
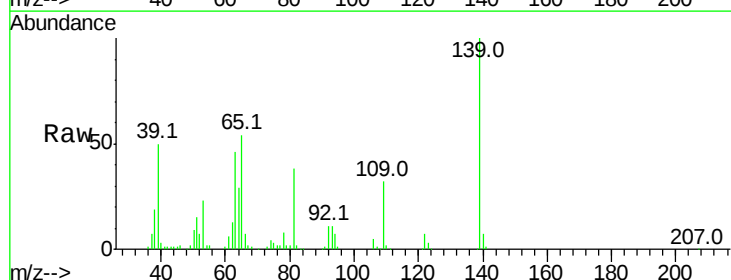
Instrument :
BNA_M
ClientSampleId :

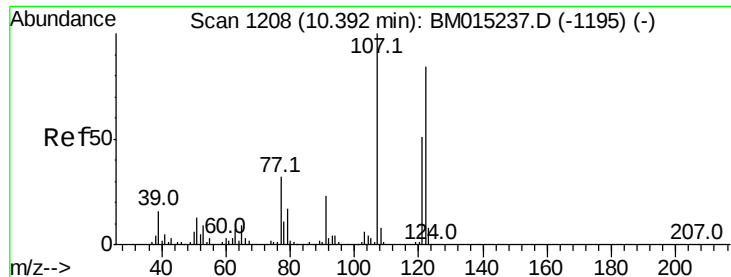
Tot Ion: 82 Resp: 978630
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.6 16.3 24.5



#26
2-Nitrophenol
Concen: 40.031 ng
RT: 10.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion: 139 Resp: 260968
Ion Ratio Lower Upper
139 100
109 32.4 20.1 30.1#
65 54.2 31.5 47.3#

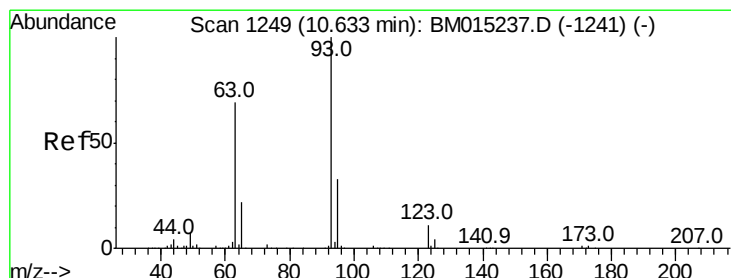
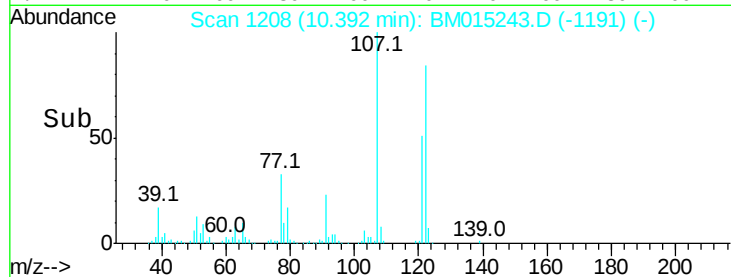
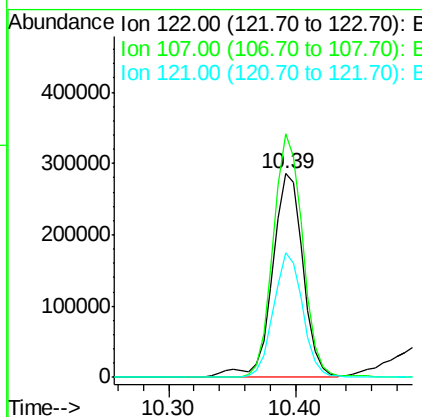
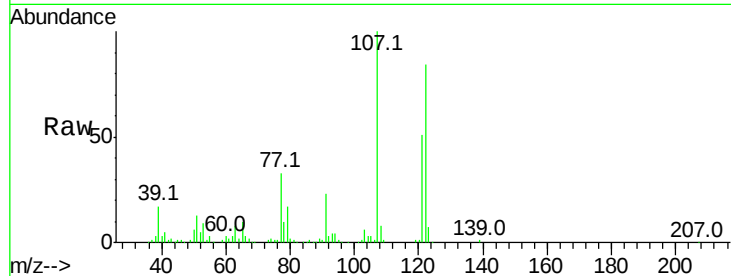




#27
2,4-Dimethylphenol
Concen: 40.616 ng
RT: 10.39 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

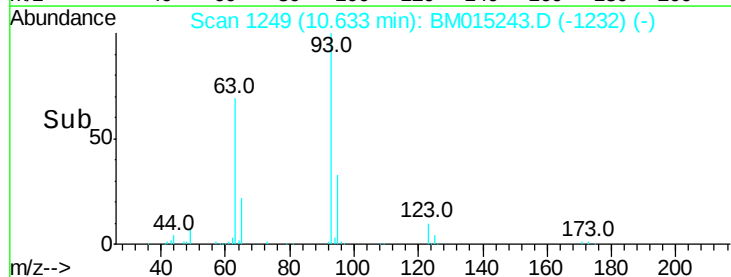
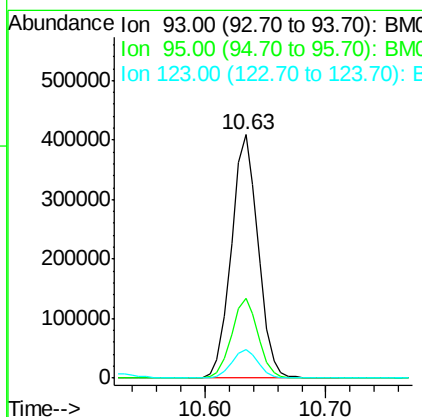
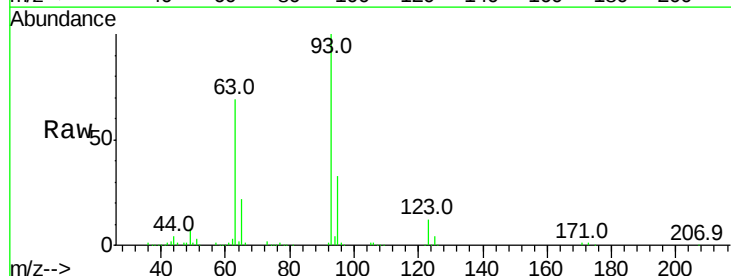
Instrument :
BNA_M
ClientSampled :

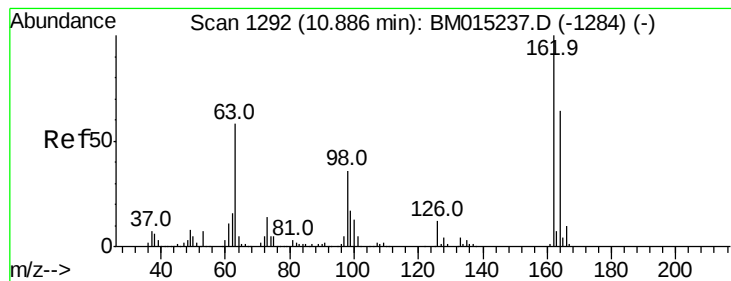
Tot Ion:122 Resp: 480224
Ion Ratio Lower Upper
122 100
107 119.4 84.7 127.1
121 60.9 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.225 ng
RT: 10.63 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion: 93 Resp: 631312
Ion Ratio Lower Upper
93 100
95 32.9 25.5 38.3
123 11.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 41.186 ng

RT: 10.89 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

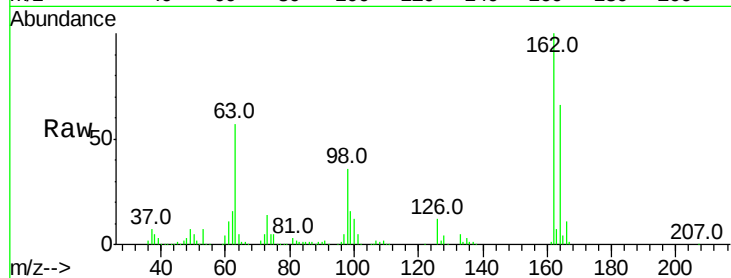
Tot Ion:162 Resp: 461129

Ion Ratio Lower Upper

162 100

164 65.7 42.8 82.8

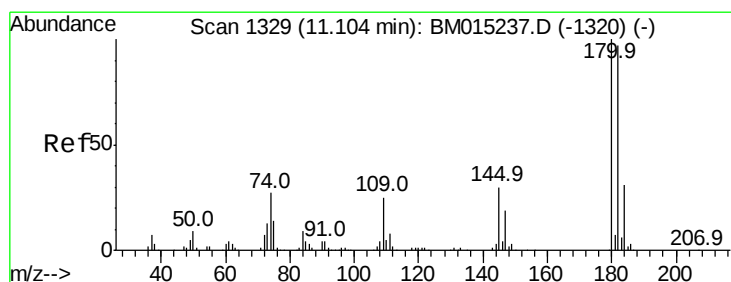
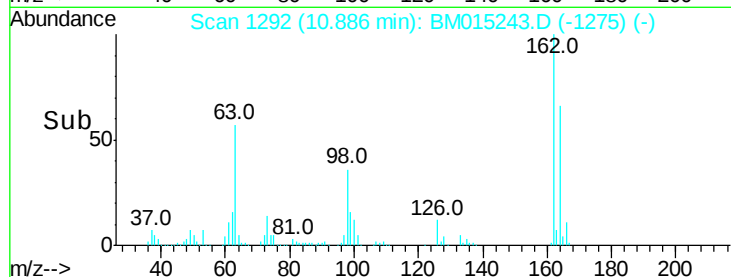
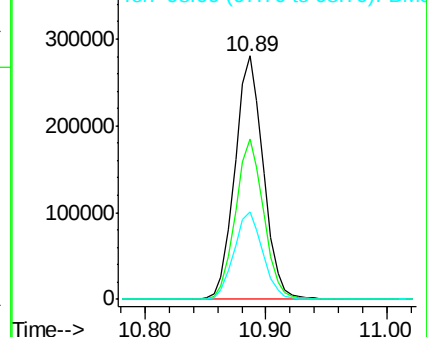
98 35.9 14.5 54.5



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: 40.093 ng

RT: 11.10 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

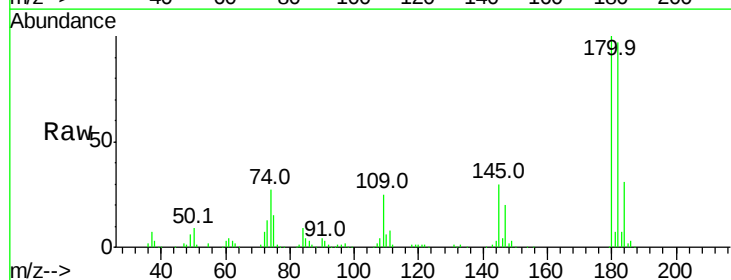
Tgt Ion:180 Resp: 528846

Ion Ratio Lower Upper

180 100

182 96.6 77.6 116.4

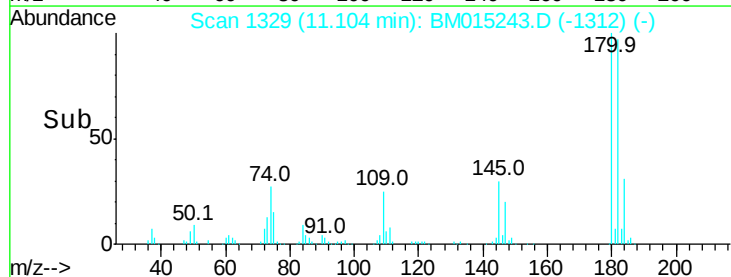
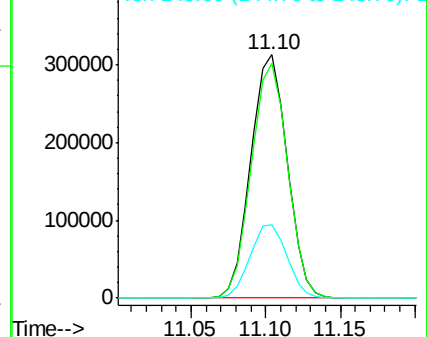
145 30.2 23.4 35.2

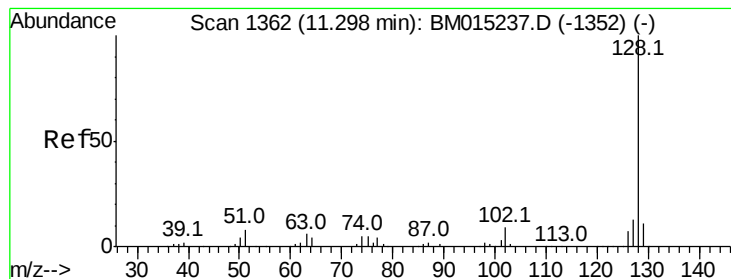


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.712 ng

RT: 11.30 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

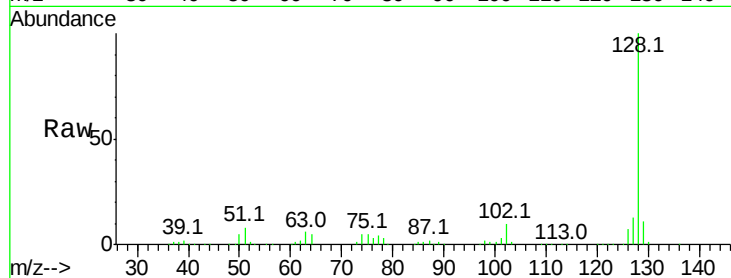
Tot Ion:128 Resp: 1577859

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

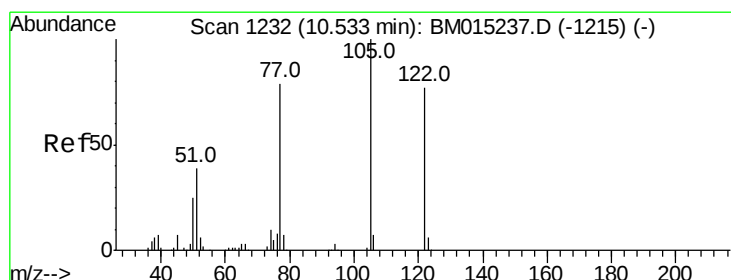
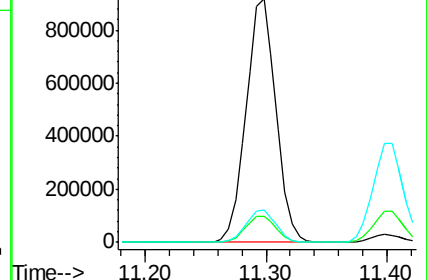
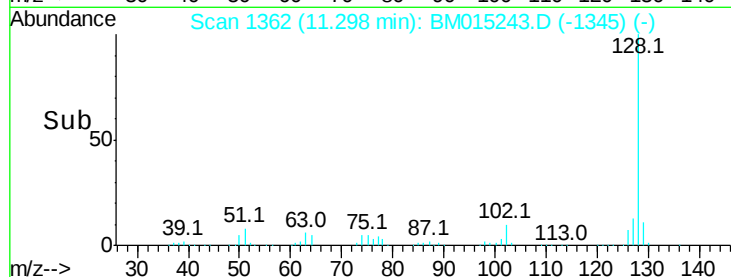
127 13.2 10.4 15.6



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: 39.782 ng

RT: 10.53 min Scan# 1232

Delta R.T. 0.02 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

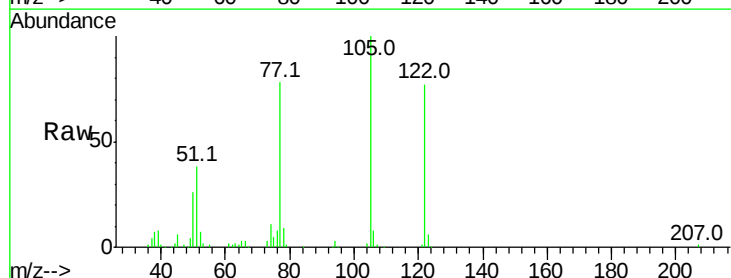
Tgt Ion:122 Resp: 272100

Ion Ratio Lower Upper

122 100

105 130.3 99.9 139.9

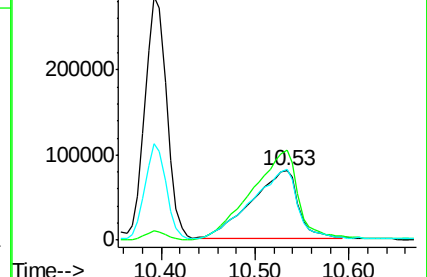
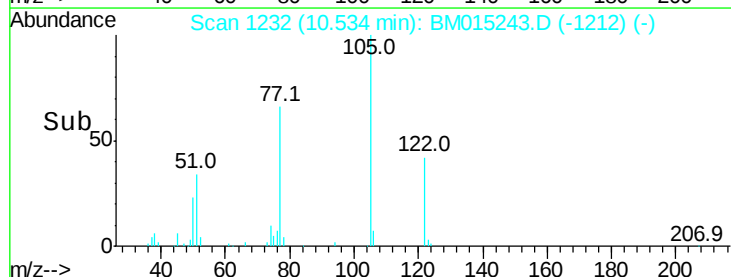
77 102.2 73.7 113.7

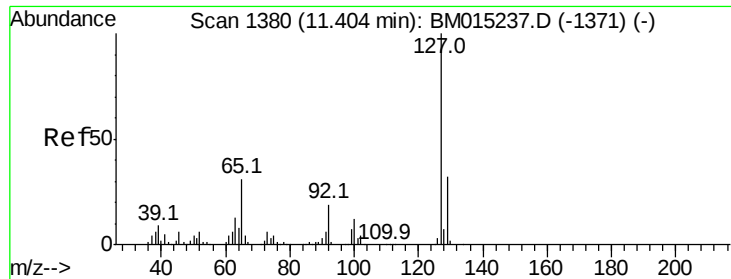


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

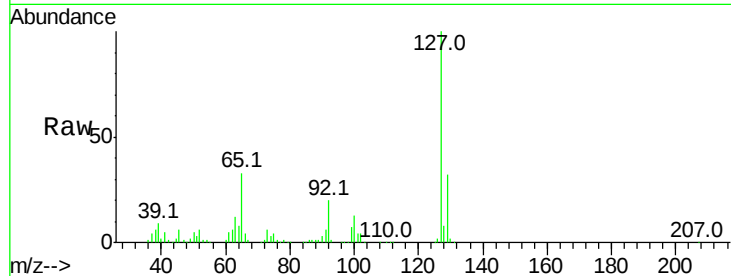




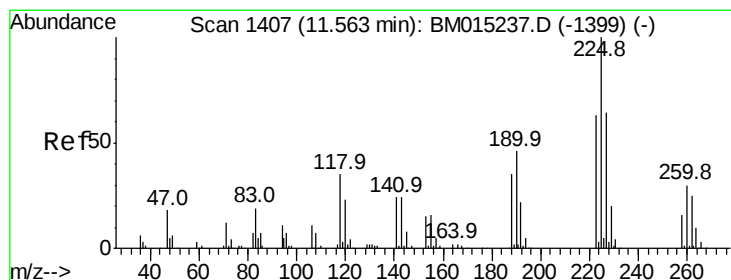
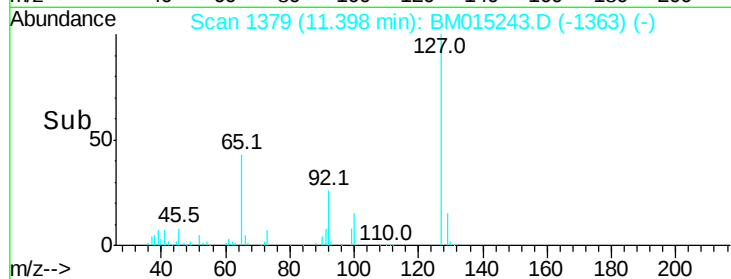
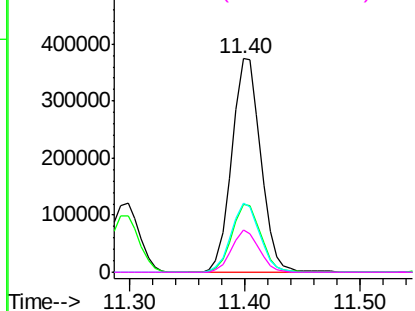
#33
4-Chloroaniline
Concen: 41.168 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	652754
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	32.6	17.6	26.4
92	19.6	13.1	19.7

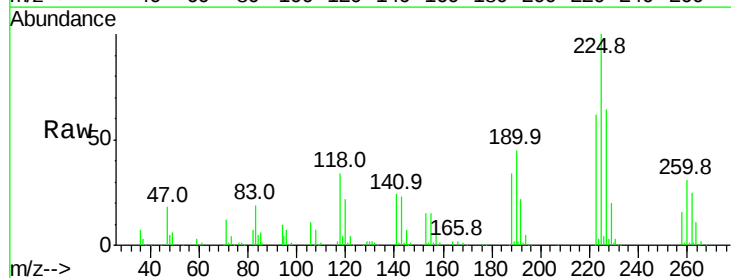


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

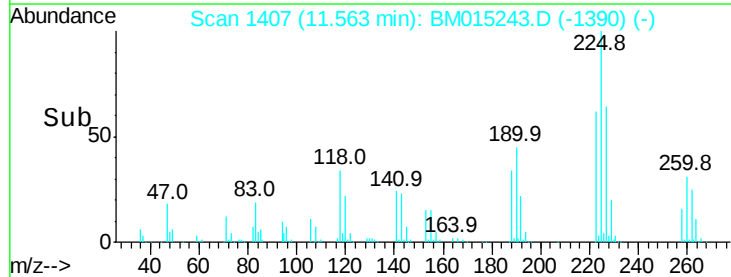
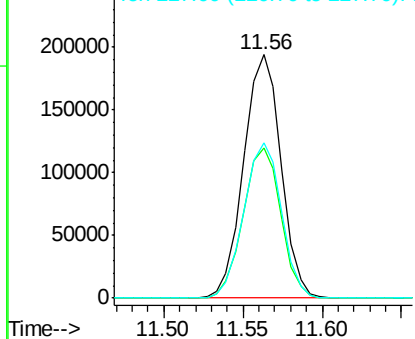


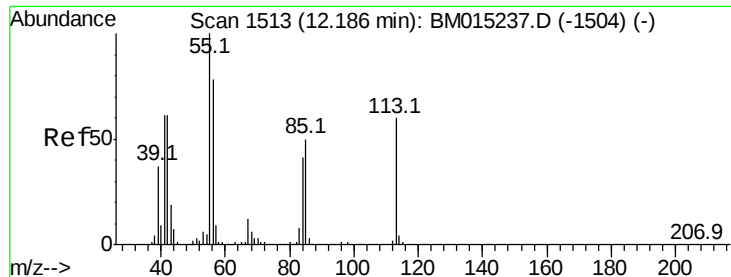
#34
Hexachlorobutadiene
Concen: 40.507 ng
RT: 11.56 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:	225	Resp:	317741
Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.9	71.9
227	63.6	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

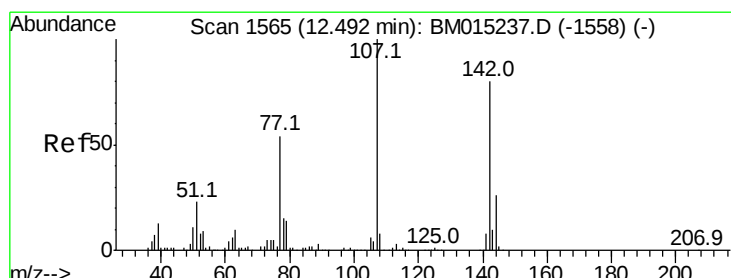
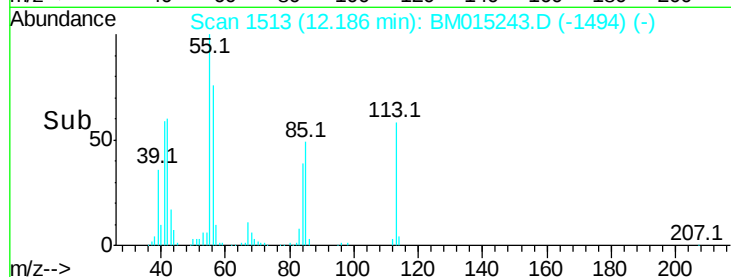
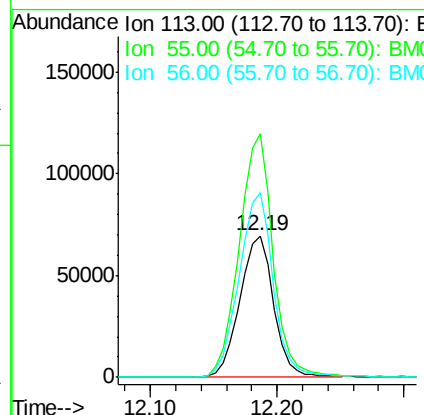
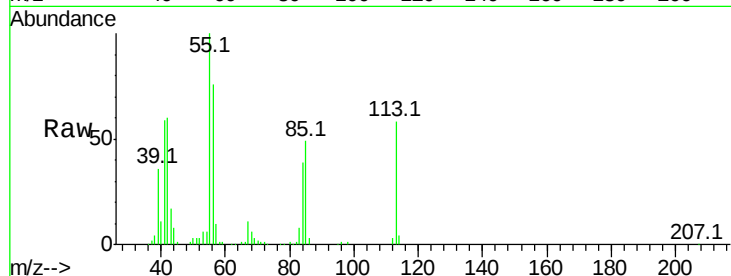




#35
 Caprolactam
 Concen: 40.682 ng
 RT: 12.19 min Scan# 1513
 Delta R.T. 0.01 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

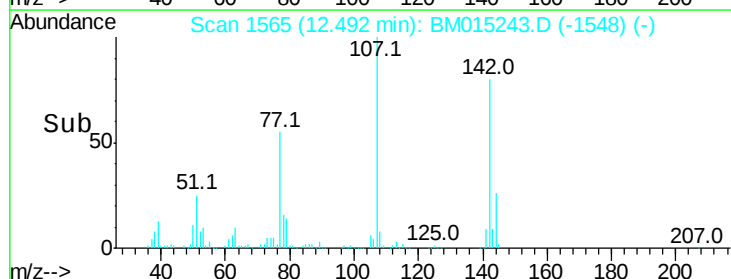
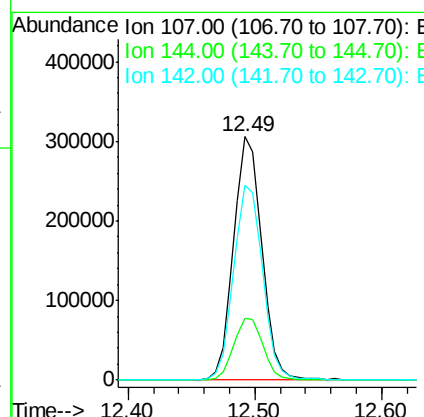
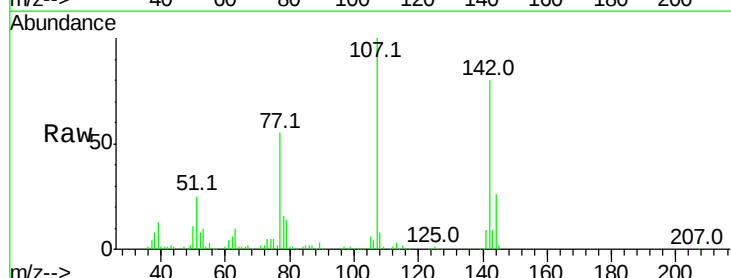
Instrument :
 BNA_M
 ClientSampled :

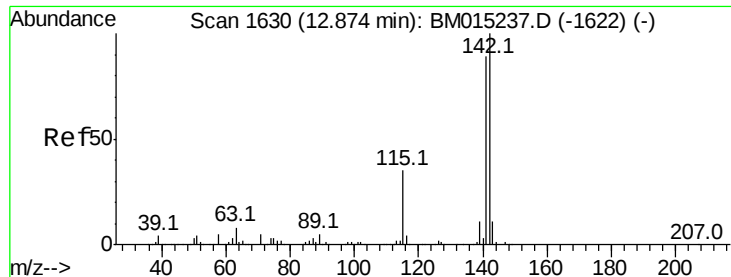
Tot Ion:113 Resp: 128914
 Ion Ratio Lower Upper
 113 100
 55 172.0 145.9 185.9
 56 130.9 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.300 ng
 RT: 12.49 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:107 Resp: 472383
 Ion Ratio Lower Upper
 107 100
 144 25.7 23.3 34.9
 142 80.1 72.6 109.0

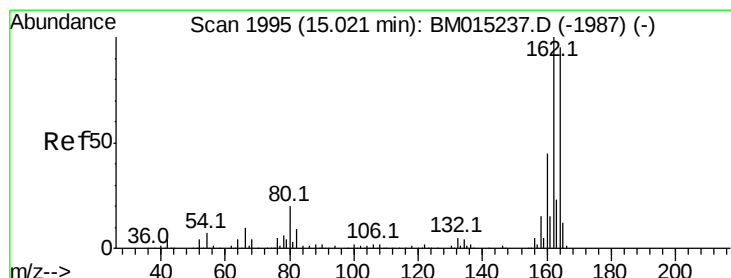
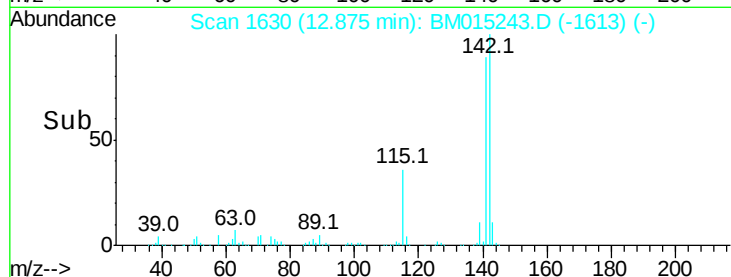
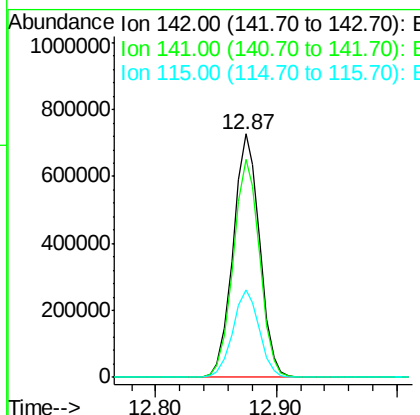
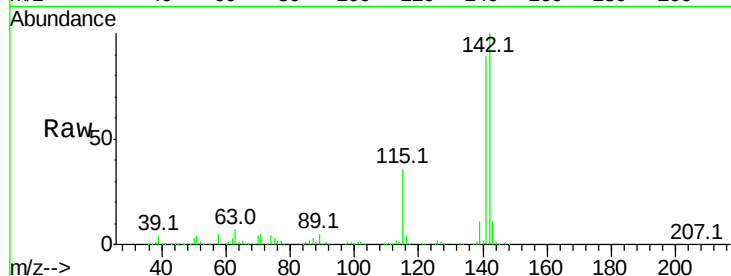




#37
2-Methylnaphthalene
Concen: 40.396 ng
RT: 12.87 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

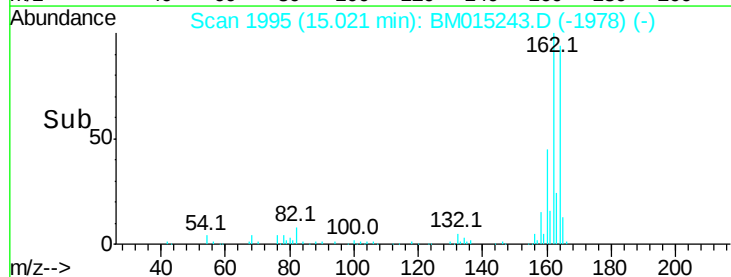
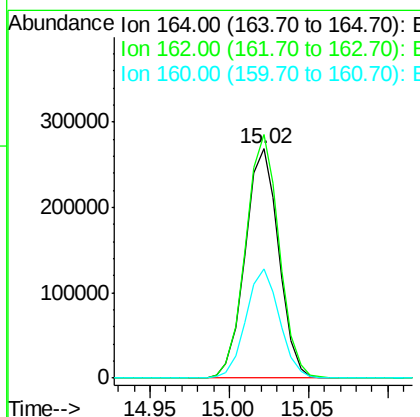
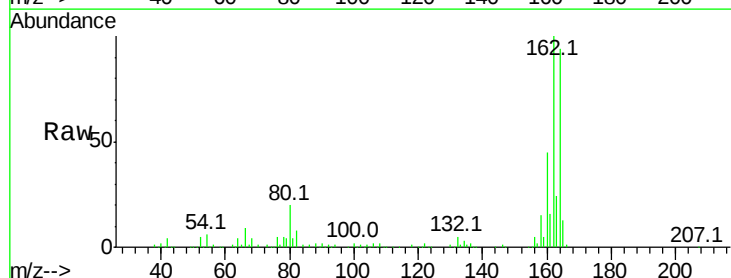
Instrument :
BNA_M
ClientSampled :

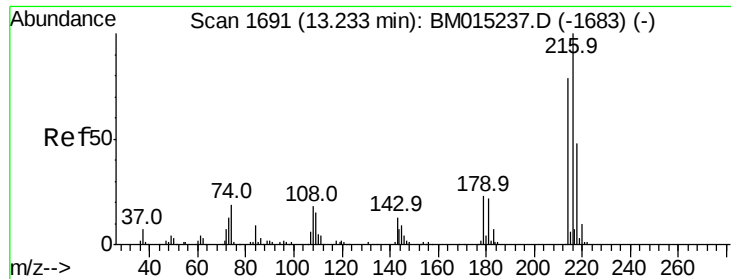
Tot Ion:142 Resp: 1112280
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 36.1 25.4 38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:164 Resp: 394841
Ion Ratio Lower Upper
164 100
162 106.1 82.4 123.6
160 47.8 35.8 53.6

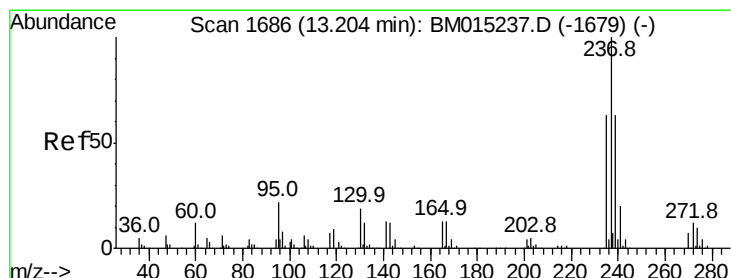
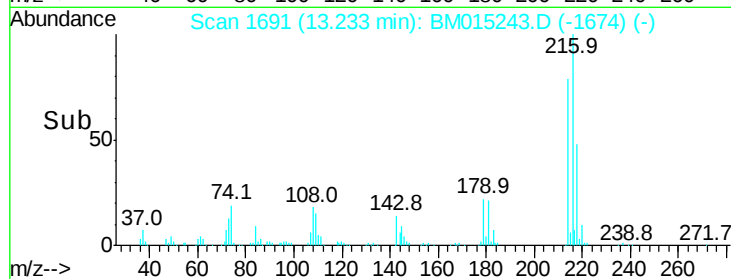
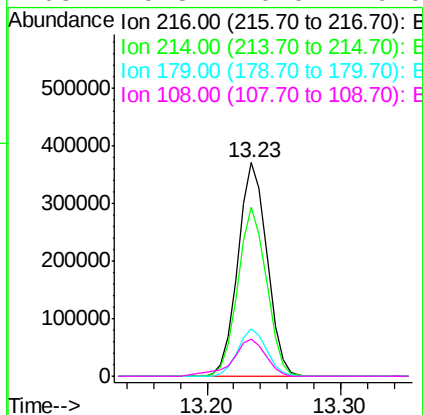
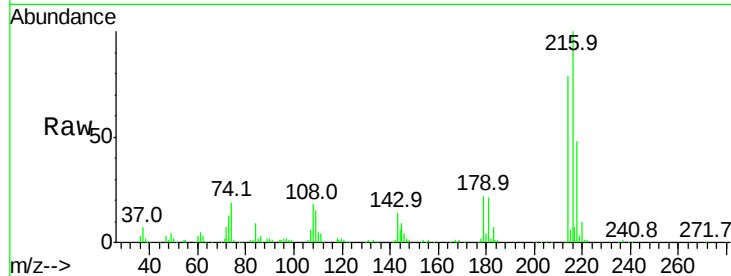




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.156 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

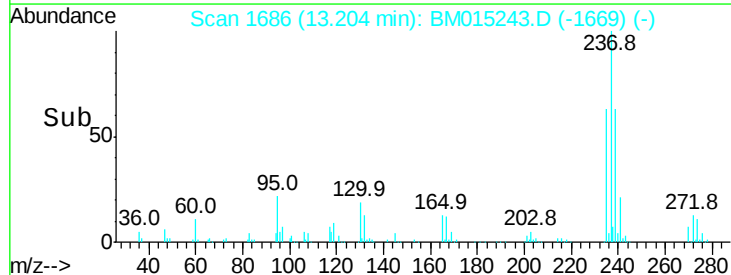
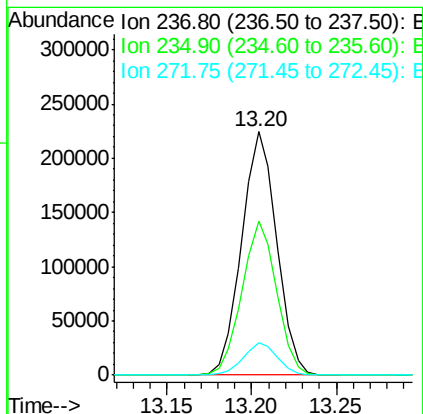
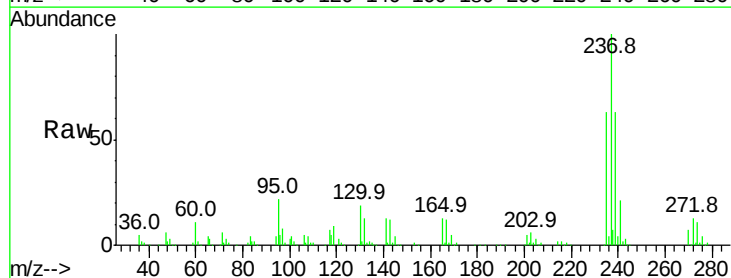
Instrument :
 BNA_M
 ClientSampleId :

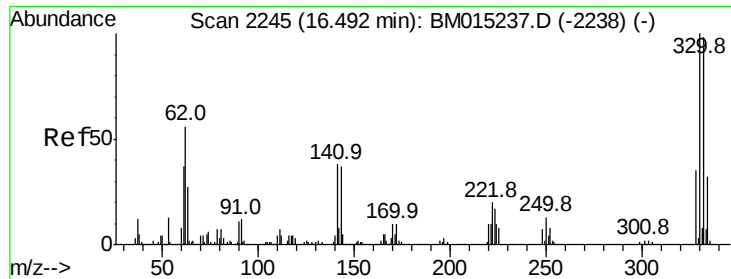
Tot Ion:	216	Resp:	558473
Ion	Ratio	Lower	Upper
216	100		
214	77.9	0.0	0.0#
179	21.9	0.0	0.0#
108	19.8	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 38.580 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:	237	Resp:	324126
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	13.2	0.0	33.4

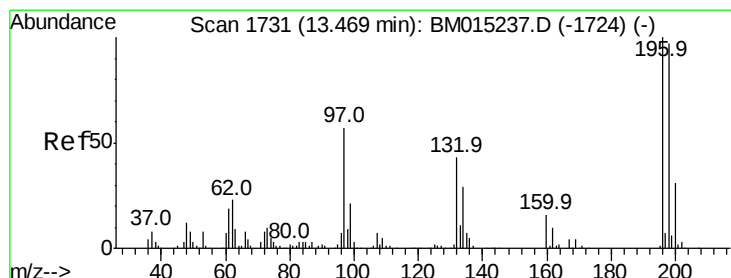
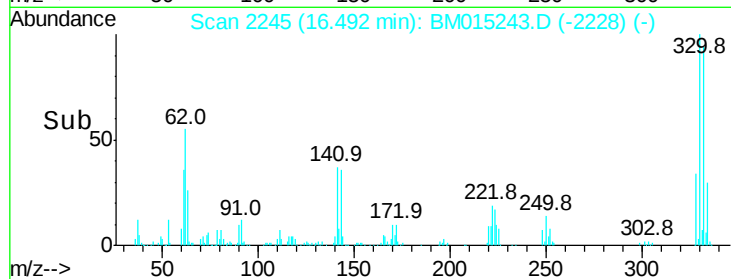
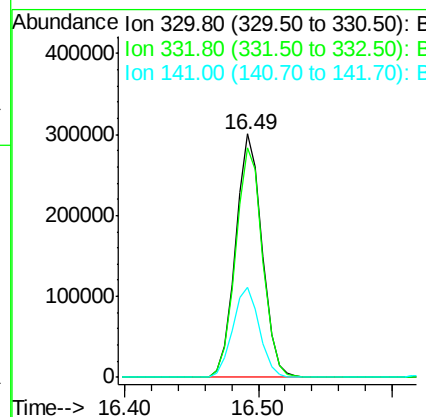
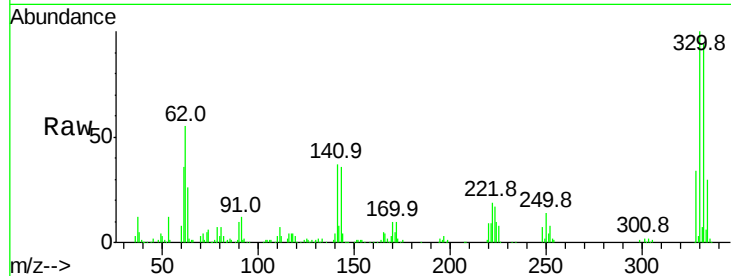




#41
 2,4,6-Tribromophenol
 Concen: 84.133 ng
 RT: 16.49 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

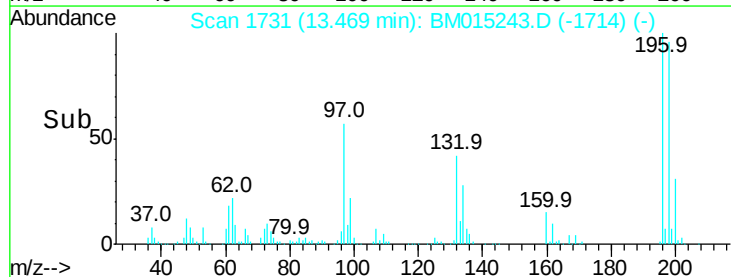
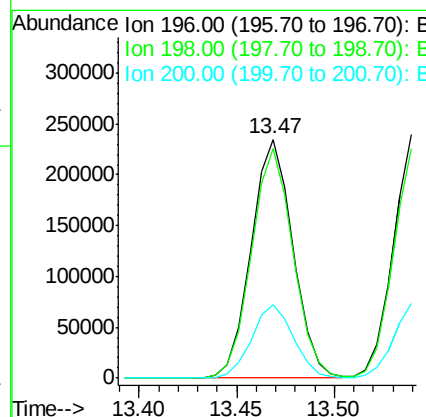
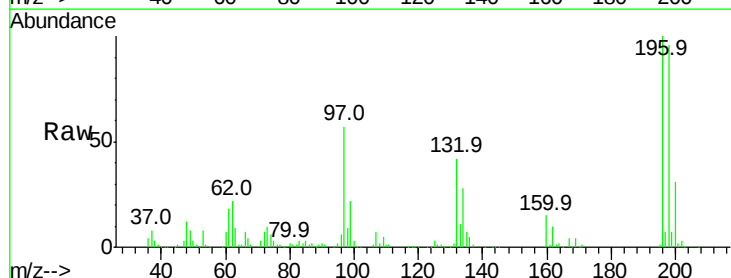
Instrument :
 BNA_M
 ClientSampled :

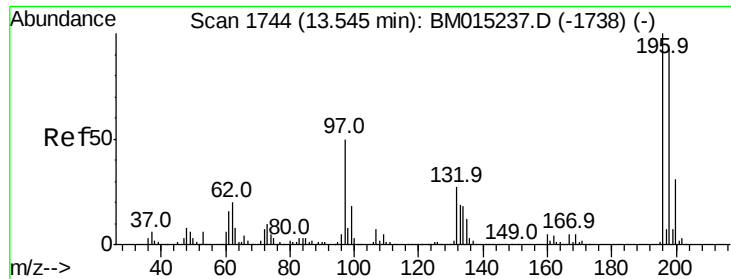
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	37.6	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 41.595 ng
 RT: 13.47 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	30.7	25.6	38.4

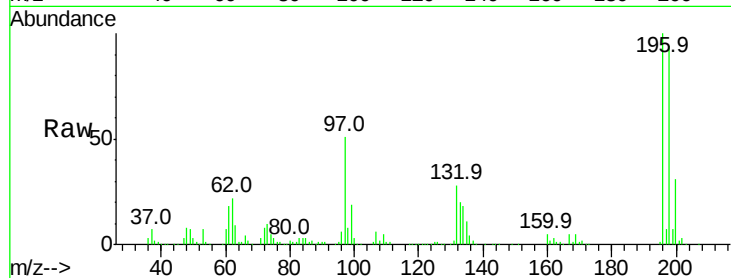




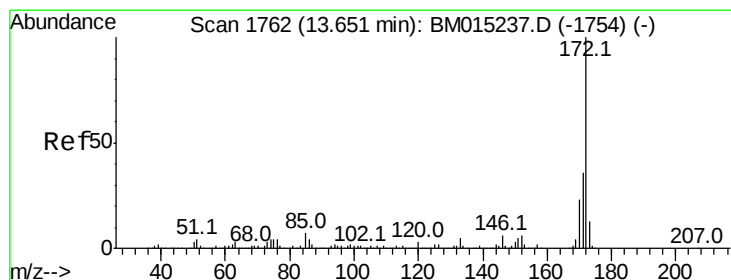
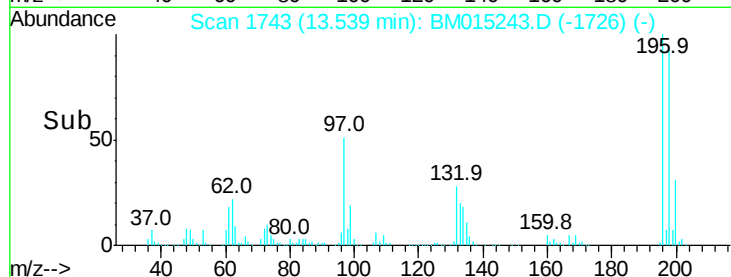
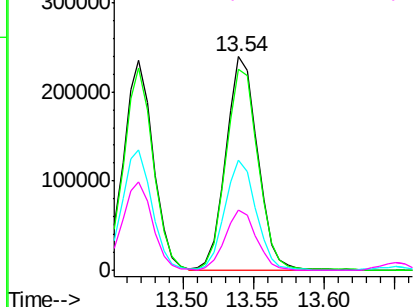
#43
 2,4,5-Trichlorophenol
 Concen: 41.125 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 371120
 Ion Ratio Lower Upper
 196 100
 198 94.2 79.4 119.0
 97 51.4 26.8 40.2#
 132 27.9 18.6 28.0

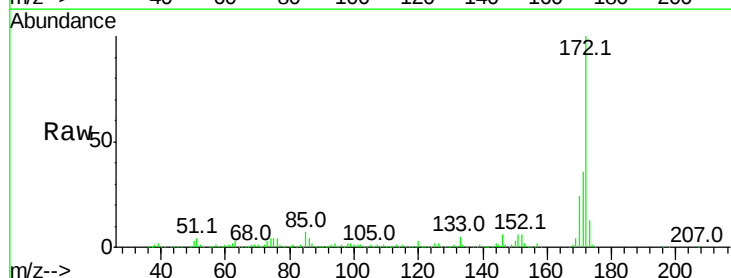


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

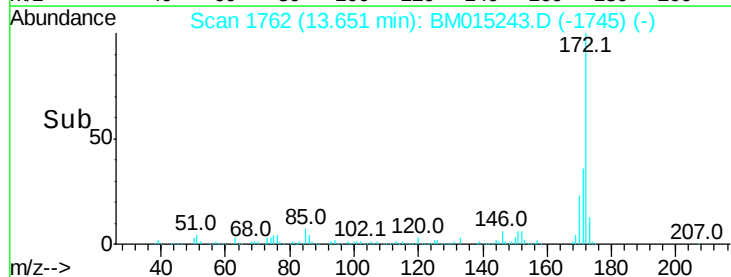
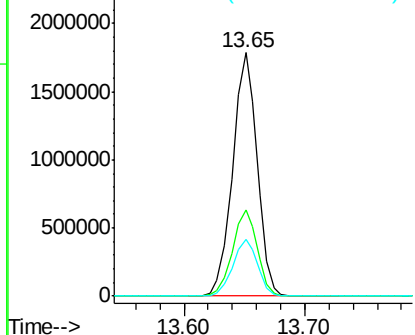


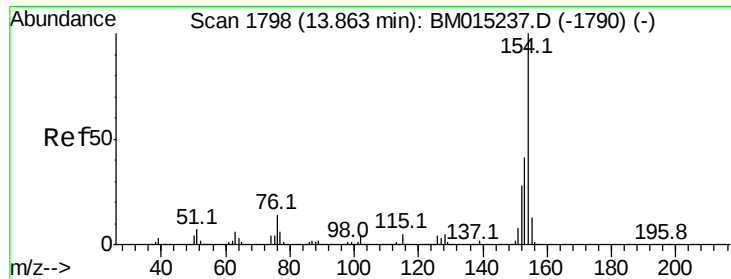
#44
 2-Fluorobiphenyl
 Concen: 79.214 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:172 Resp: 2515990
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.5 42.7
 170 23.5 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



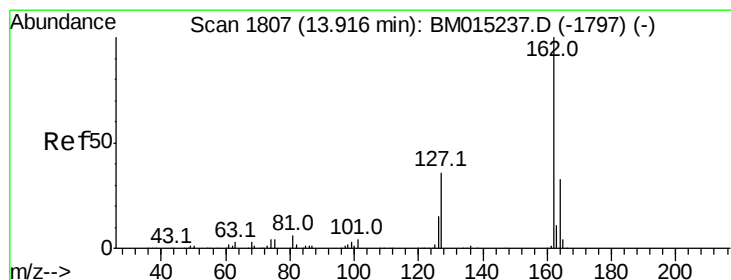
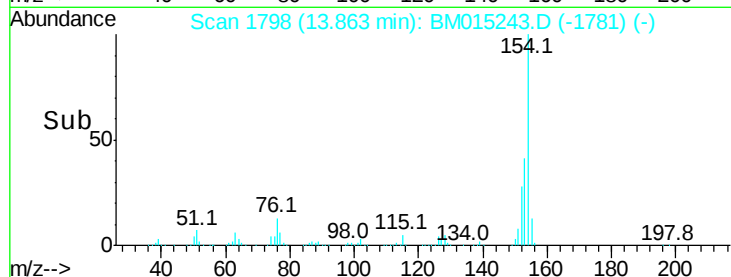
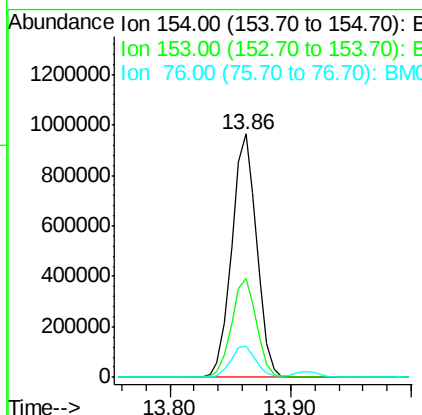
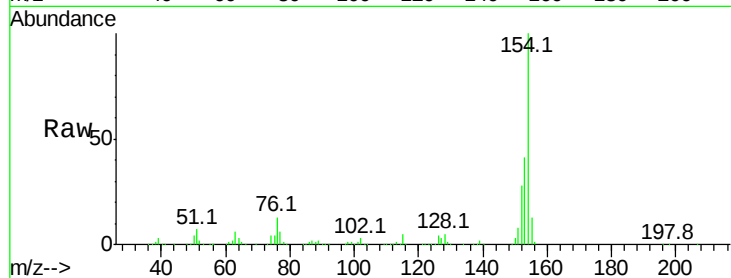


#45
 1,1'-Biphenyl
 Concen: 39.966 ng
 RT: 13.86 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:154 Resp: 1380697

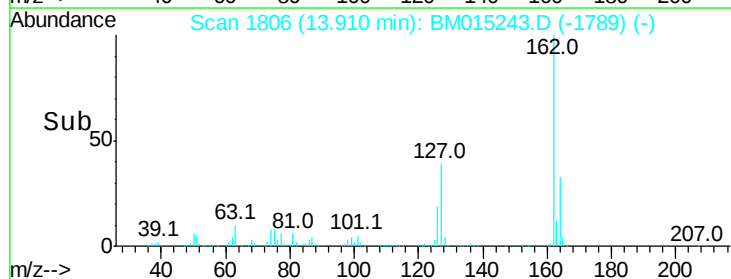
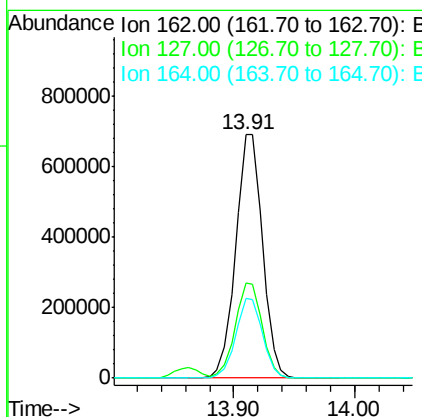
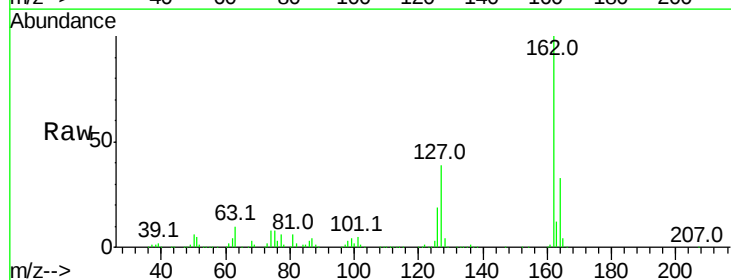
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	12.8	0.0	30.9

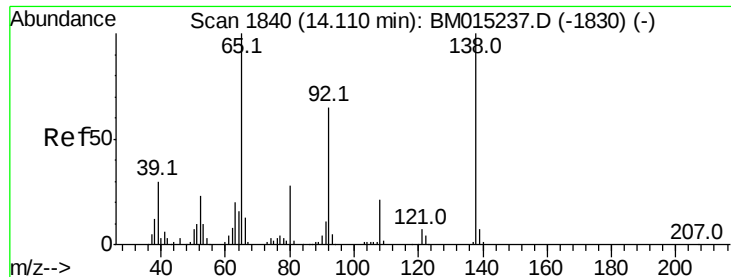


#46
 2-Chloronaphthalene
 Concen: 40.250 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:162 Resp: 1070168

Ion	Ratio	Lower	Upper
162	100		
127	39.2	26.9	40.3
164	32.6	26.8	40.2





#47

2-Nitroaniline

Concen: 40.314 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

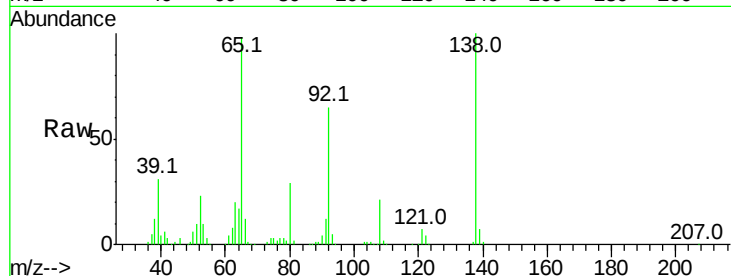
Tot Ion: 65 Resp: 305373

Ion Ratio Lower Upper

65 100

92 65.9 59.1 88.7

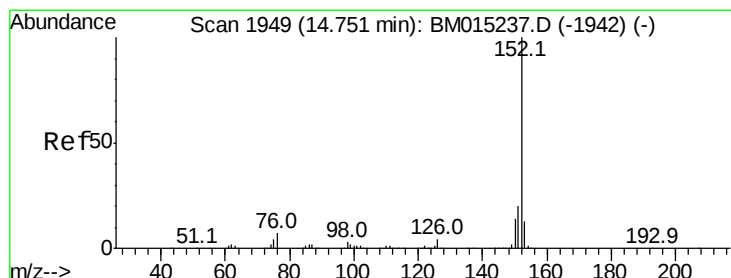
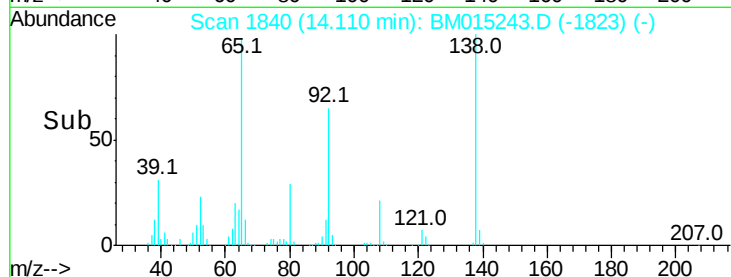
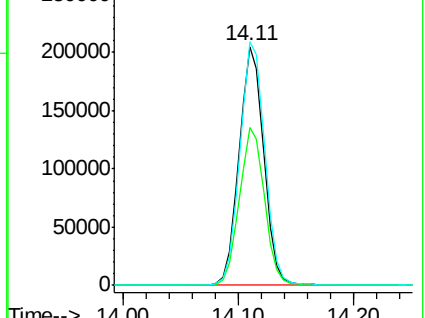
138 101.8 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM015237.D (-1830) (-)

Ion 92.00 (91.70 to 92.70): BM015237.D (-1830) (-)

Ion 138.00 (137.70 to 138.70): BM015237.D (-1830) (-)



#48

Acenaphthylene

Concen: 40.698 ng

RT: 14.75 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

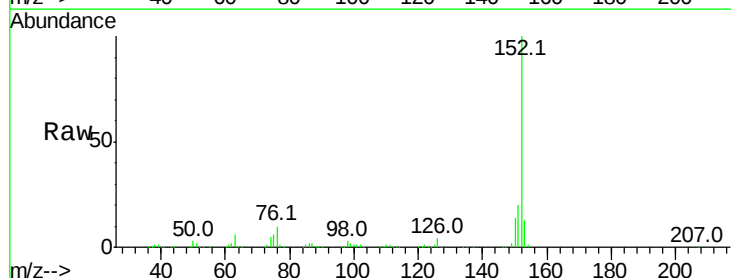
Tgt Ion: 152 Resp: 1607296

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

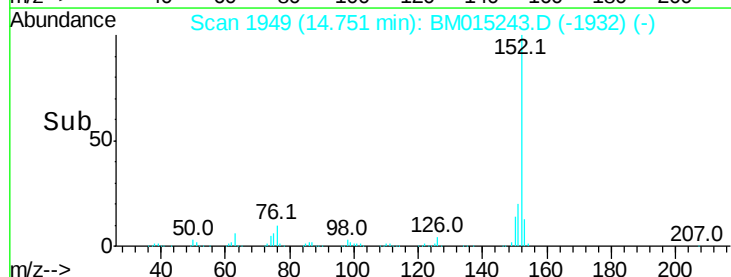
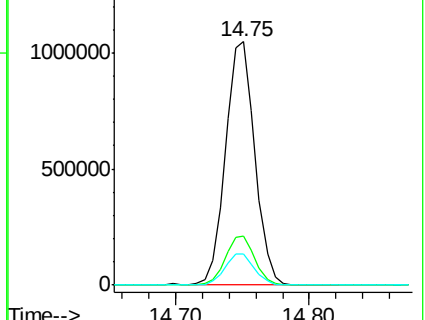
153 12.7 10.6 16.0

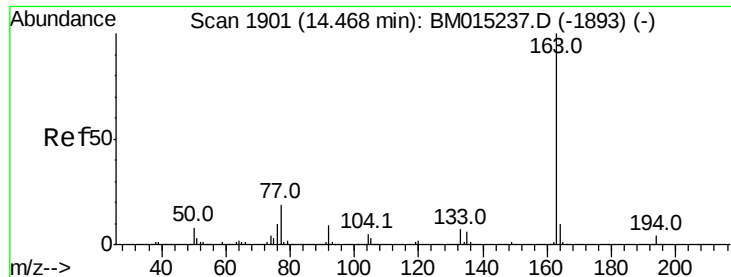


Abundance Ion 152.00 (151.70 to 152.70): BM015237.D (-1942) (-)

Ion 151.00 (150.70 to 151.70): BM015237.D (-1942) (-)

Ion 153.00 (152.70 to 153.70): BM015237.D (-1942) (-)





#49

Dimethylphthalate

Concen: 40.055 ng

RT: 14.46 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

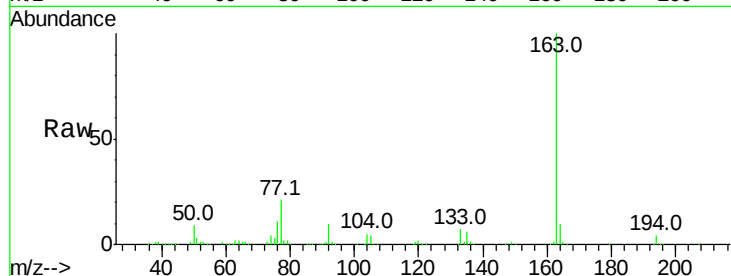
Tot Ion:163 Resp: 1262183

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

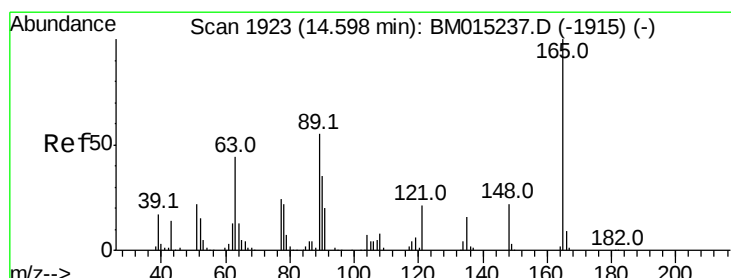
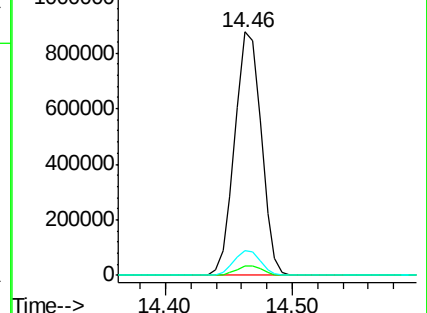
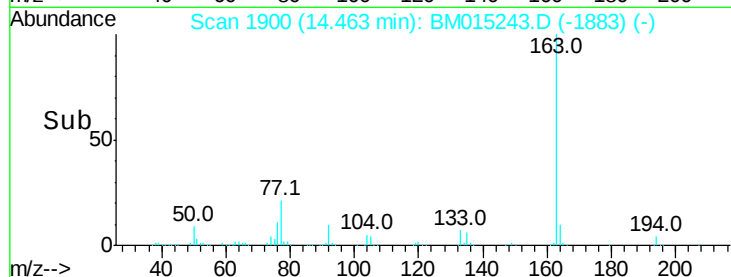
164 10.4 8.2 12.2



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: 41.901 ng

RT: 14.59 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

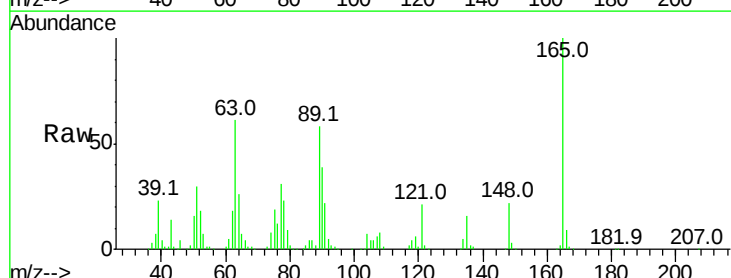
Tgt Ion:165 Resp: 275461

Ion Ratio Lower Upper

165 100

63 60.5 44.1 66.1

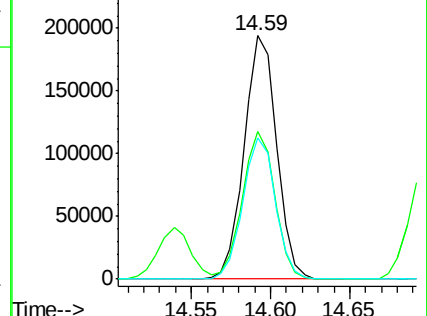
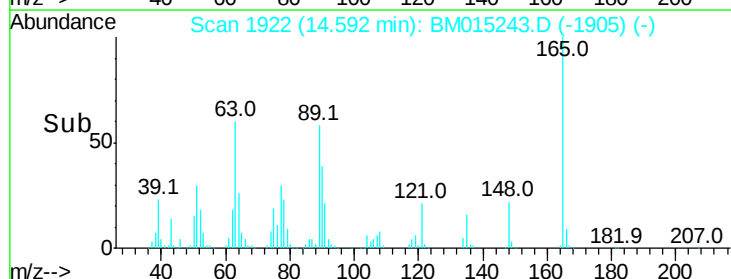
89 58.0 44.3 66.5

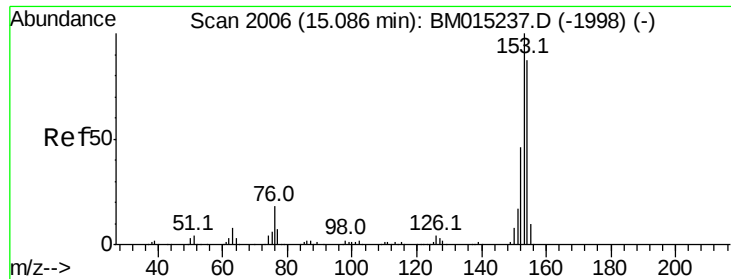


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.355 ng

RT: 15.09 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

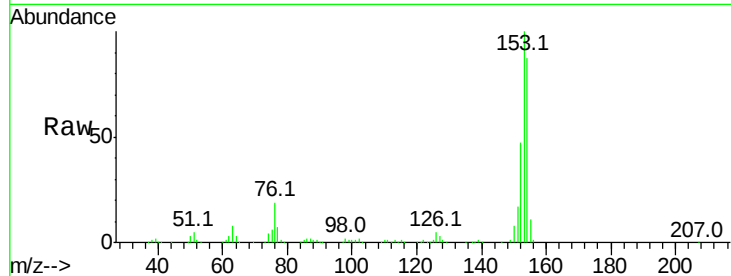
Tot Ion:154 Resp: 992778

Ion Ratio Lower Upper

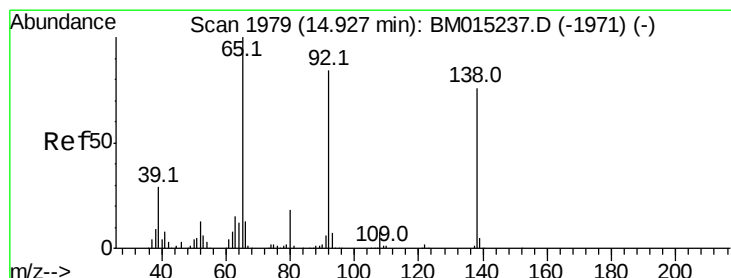
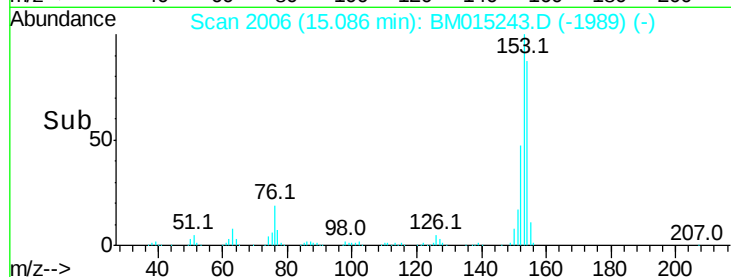
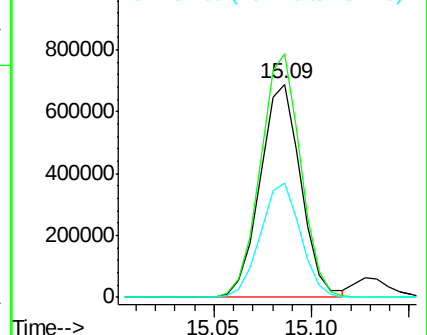
154 100

153 114.3 90.0 135.0

152 53.7 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: 40.677 ng

RT: 14.93 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

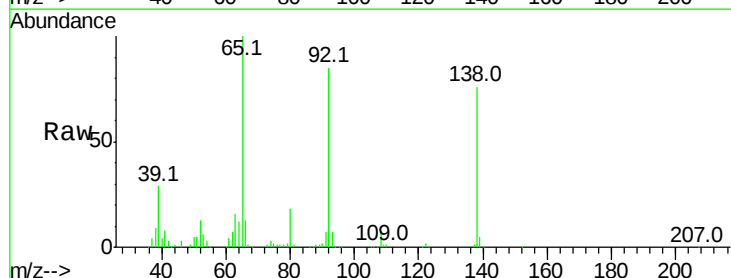
Tgt Ion:138 Resp: 281582

Ion Ratio Lower Upper

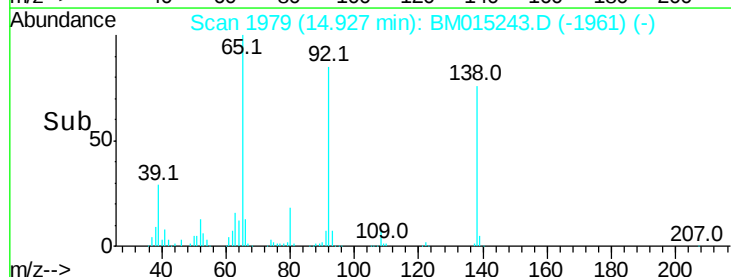
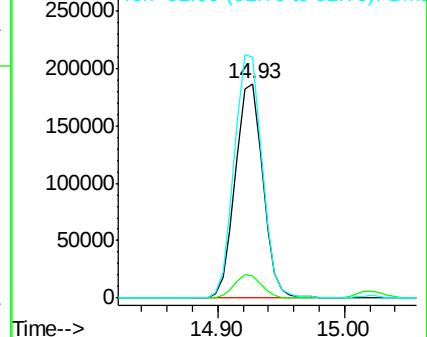
138 100

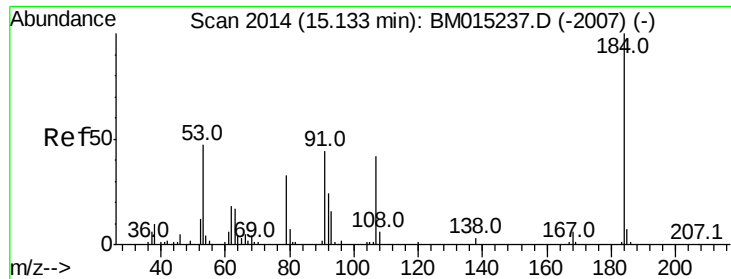
108 10.1 7.3 10.9

92 112.2 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): E

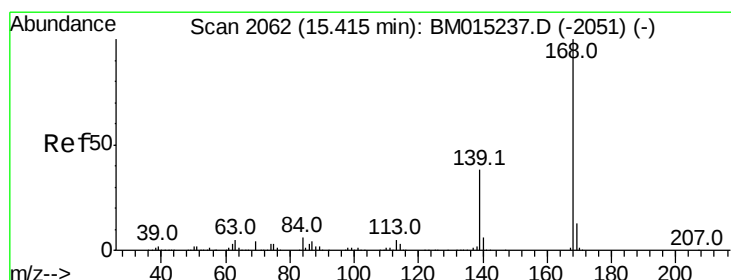
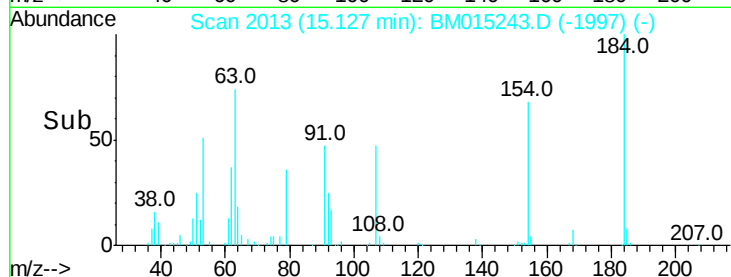
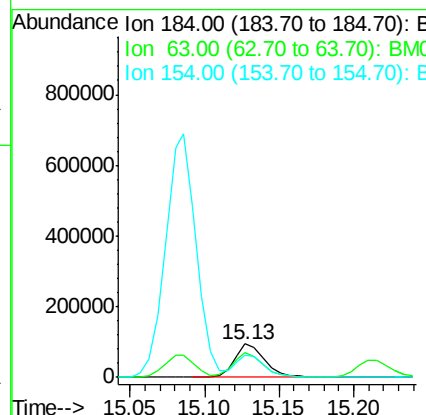
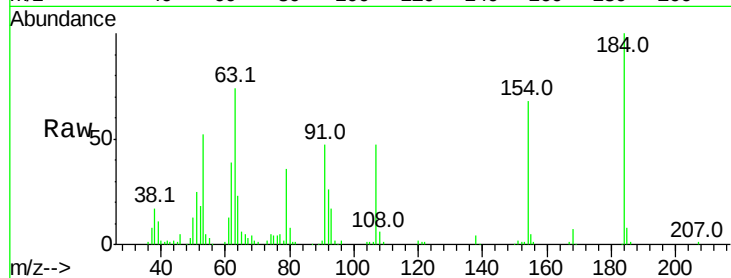




#53
2,4-Dinitrophenol
Concen: 38.059 ng
RT: 15.13 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

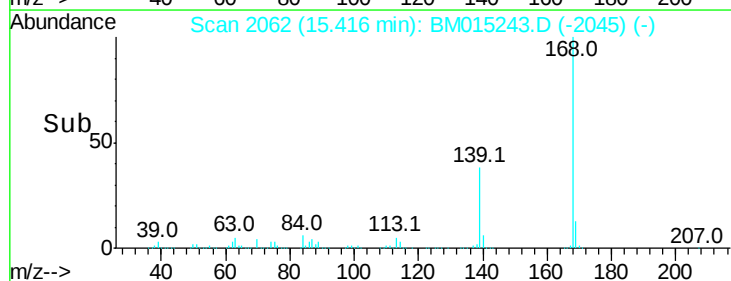
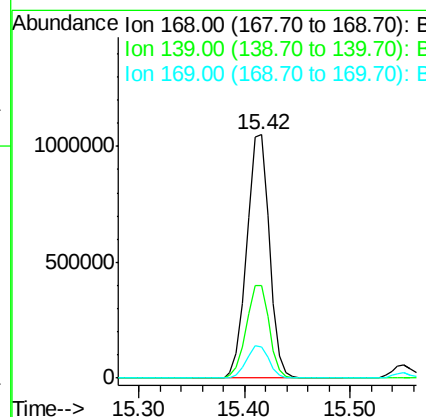
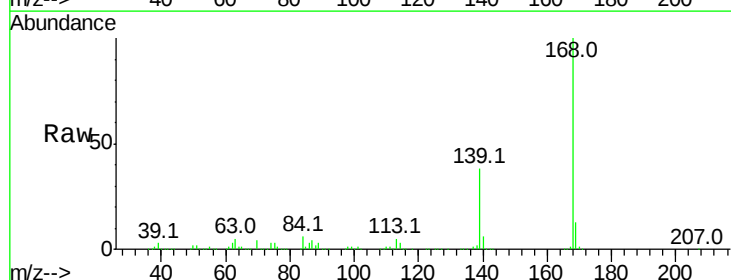
Instrument :
BNA_M
ClientSampled :

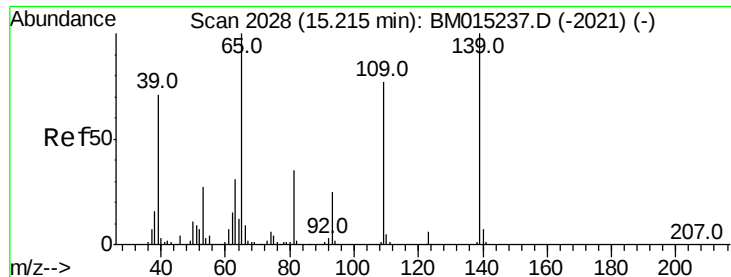
Tot Ion:184 Resp: 134813
Ion Ratio Lower Upper
184 100
63 74.2 69.2 103.8
154 68.1 53.3 79.9



#54
Dibenzofuran
Concen: 40.054 ng
RT: 15.42 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:168 Resp: 1553635
Ion Ratio Lower Upper
168 100
139 38.0 27.3 40.9
169 12.8 10.6 16.0

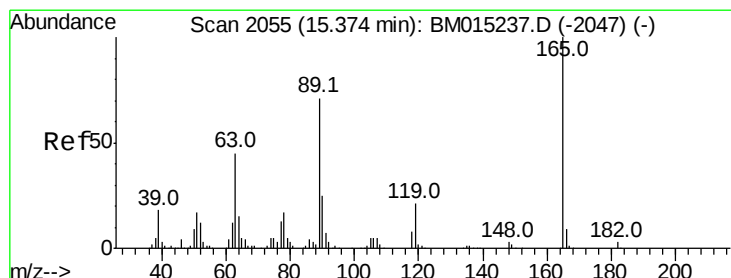
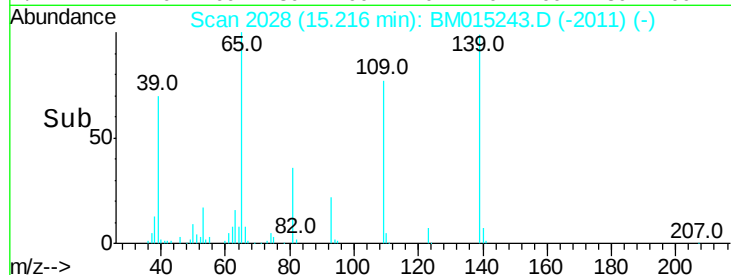
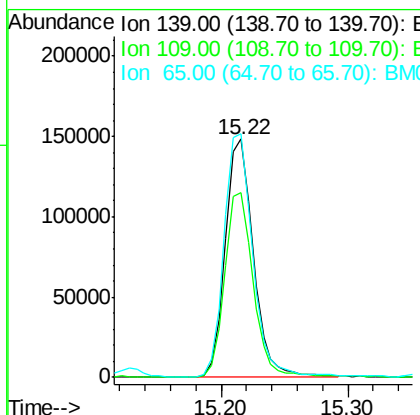
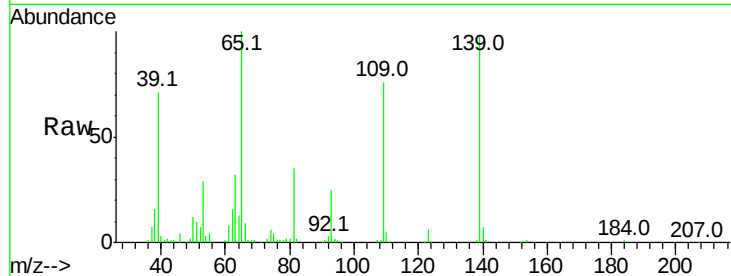




#55
4-Nitrophenol
Concen: 40.714 ng
RT: 15.22 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

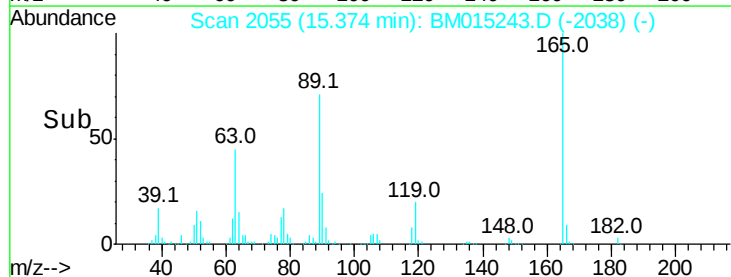
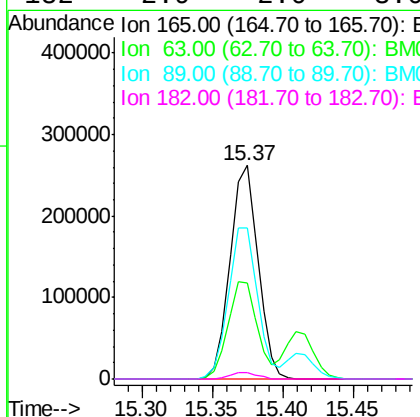
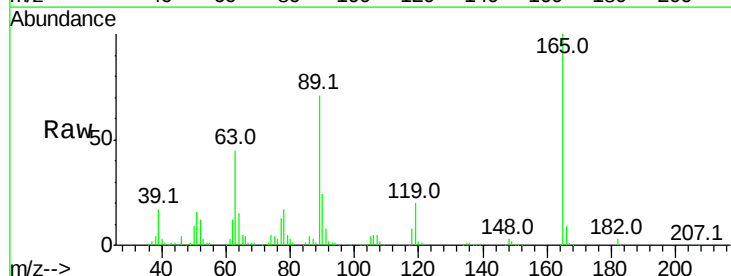
Instrument :
BNA_M
ClientSampleId :

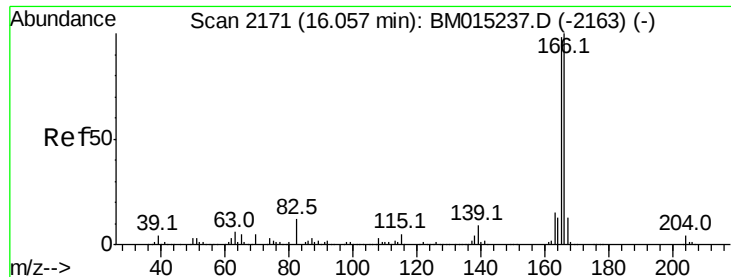
Tot Ion:139 Resp: 228593
Ion Ratio Lower Upper
139 100
109 77.7 130.0 170.0#
65 102.2 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 40.348 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:165 Resp: 363222
Ion Ratio Lower Upper
165 100
63 44.9 52.4 78.6#
89 70.8 72.4 108.6#
182 2.9 2.0 3.0



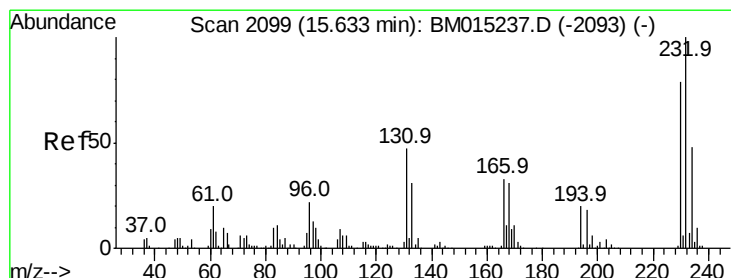
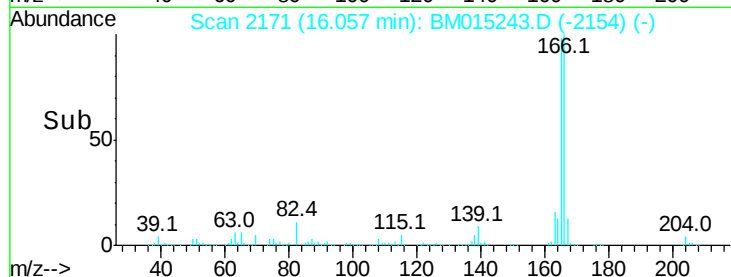
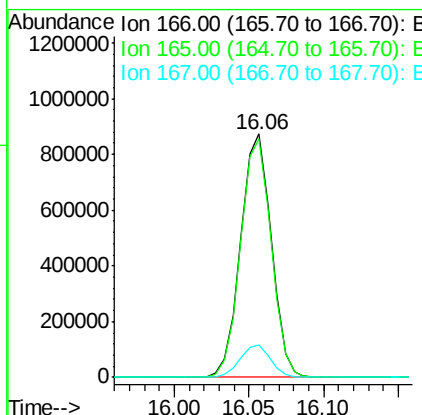
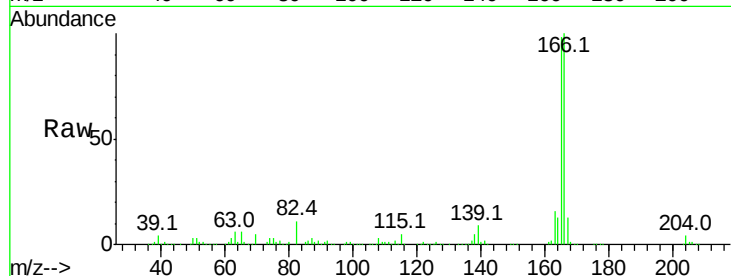


#57
 Fluorene
 Concen: 40.443 ng
 RT: 16.06 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:166 Resp: 1239691

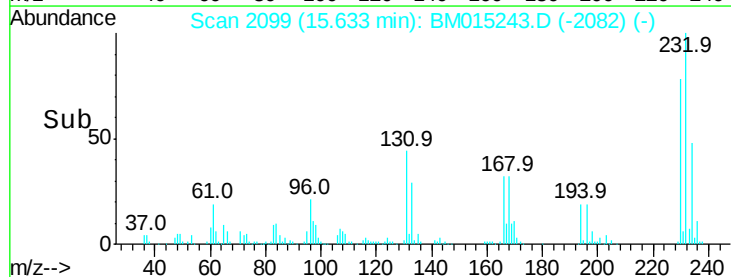
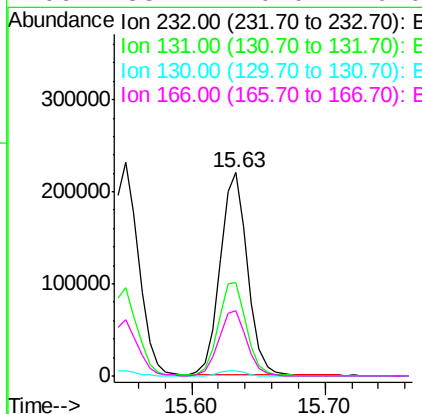
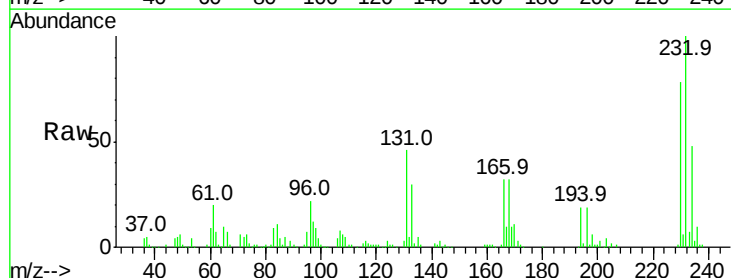
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.2	10.3	15.5

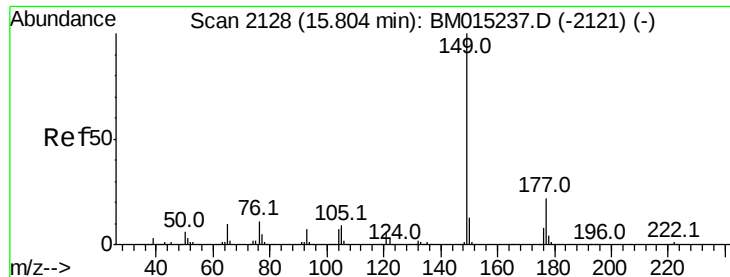


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.798 ng
 RT: 15.63 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:232 Resp: 315721

Ion	Ratio	Lower	Upper
232	100		
131	47.3	0.0	0.0#
130	2.6	0.0	0.0#
166	33.4	0.0	0.0#

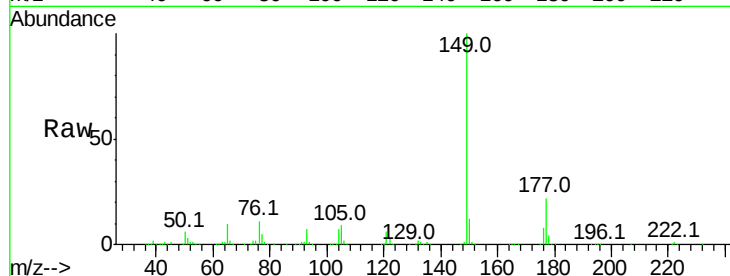




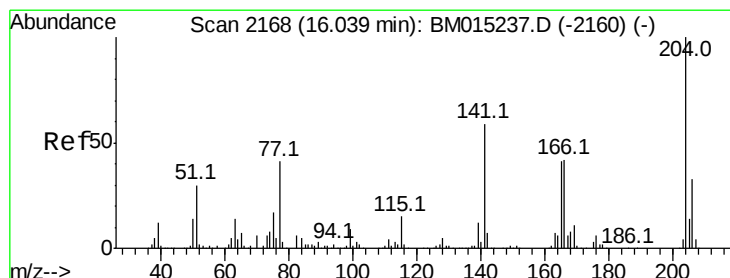
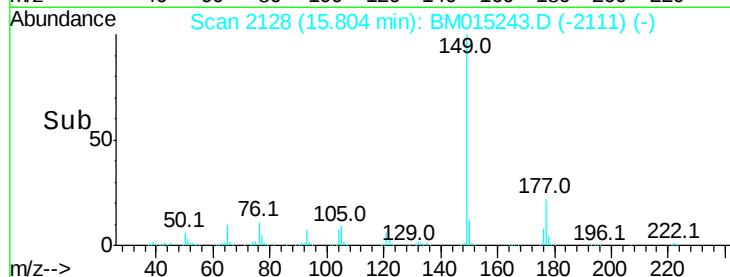
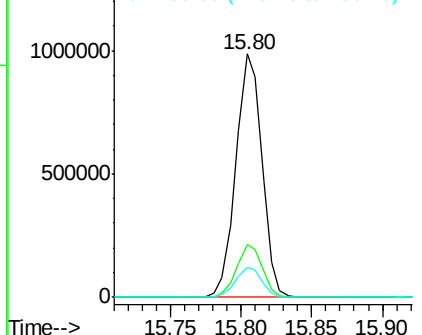
#59
Diethylphthalate
Concen: 40.773 ng
RT: 15.80 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 1266510
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 12.4 9.8 14.8

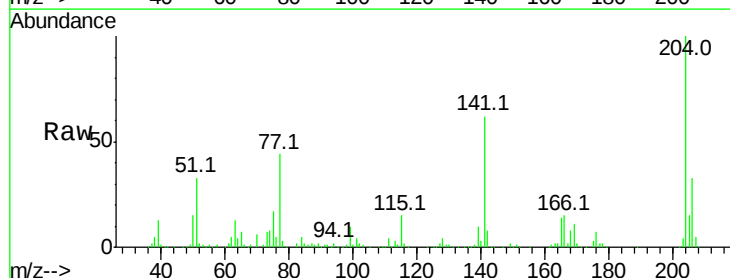


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

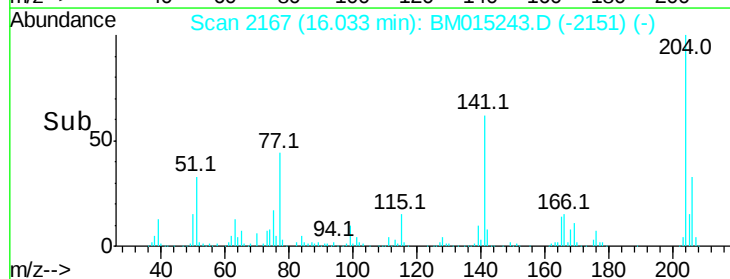
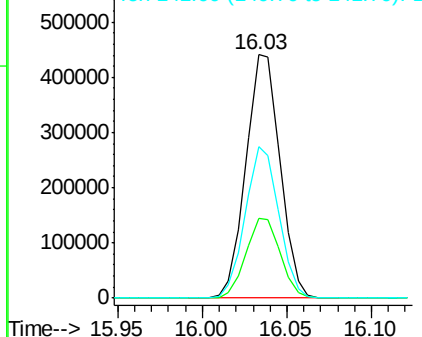


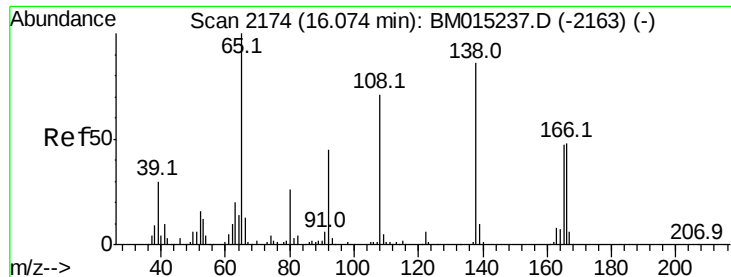
#60
4-Chlorophenyl-phenylether
Concen: 39.839 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:204 Resp: 622037
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 62.4 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: 40.977 ng

RT: 16.07 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

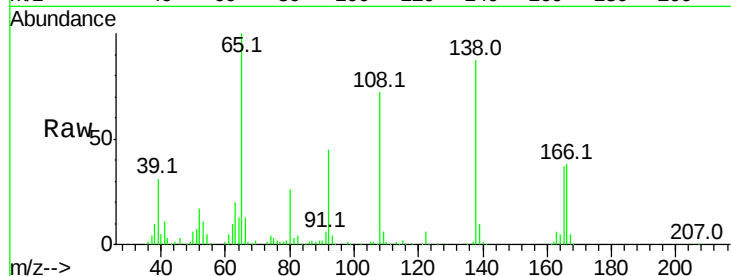
Tot Ion:138 Resp: 296566

Ion Ratio Lower Upper

138 100

92 52.0 16.7 56.7

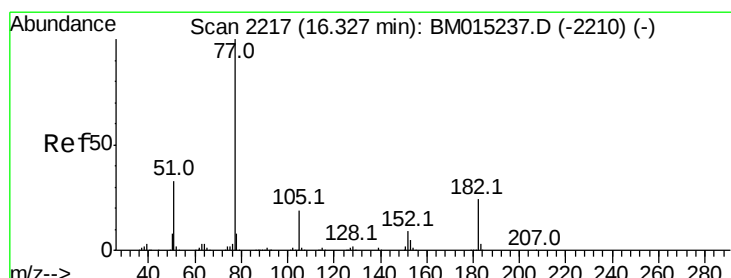
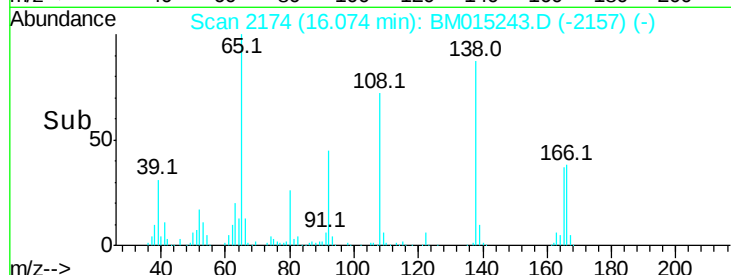
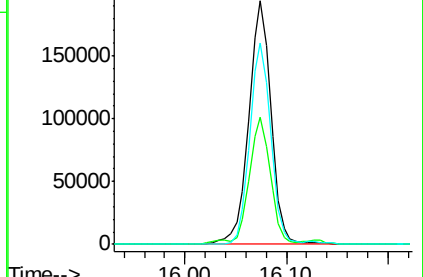
108 82.5 37.6 77.6#



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: 41.797 ng

RT: 16.33 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Tgt Ion: 77 Resp: 1233370

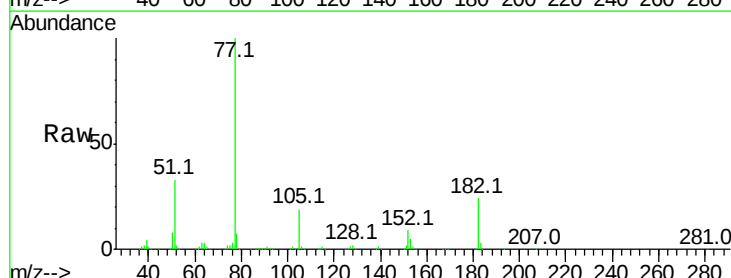
Ion Ratio Lower Upper

77 100

182 24.1 6.5 46.5

105 18.5 3.8 43.8

51 32.6 5.5 45.5

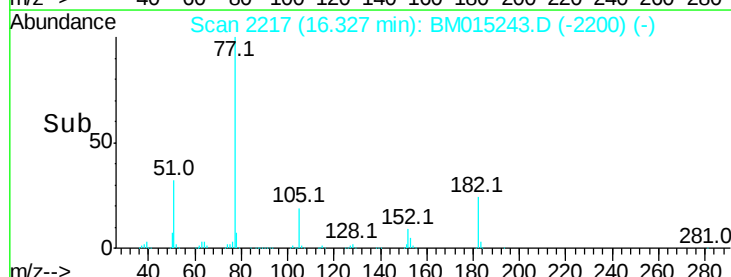
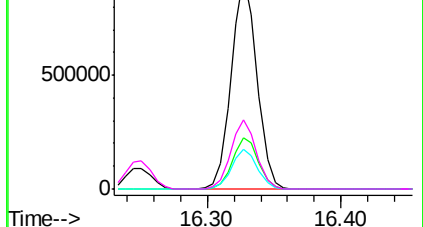


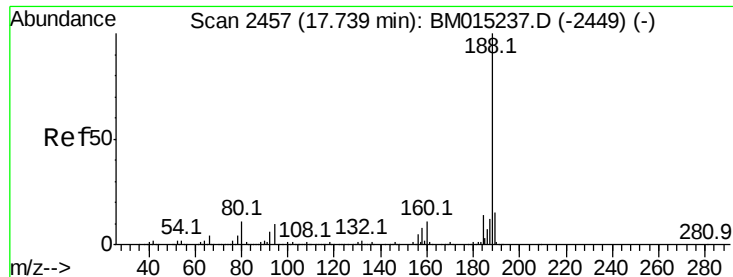
Abundance Ion 77.00 (76.70 to 77.70): BM0

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: 17.74 min Scan# 2457

Delta R.T. 0.00 min

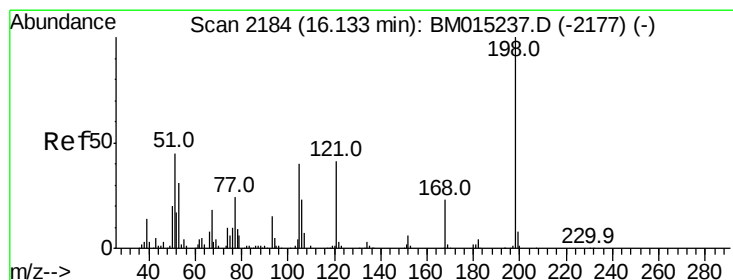
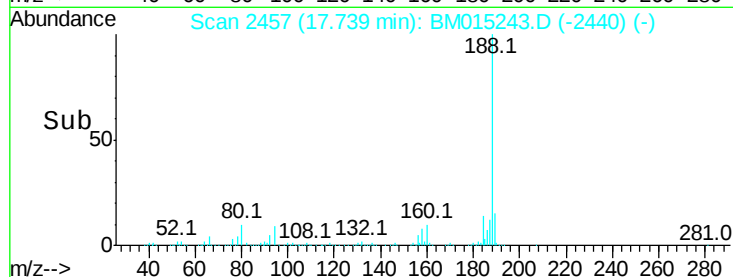
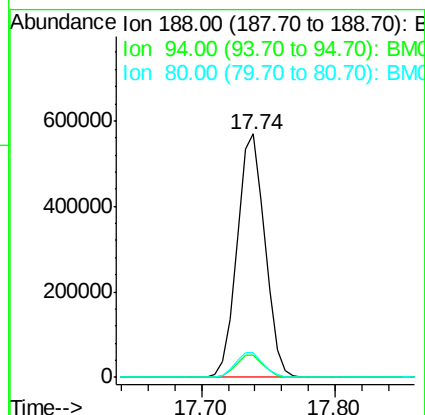
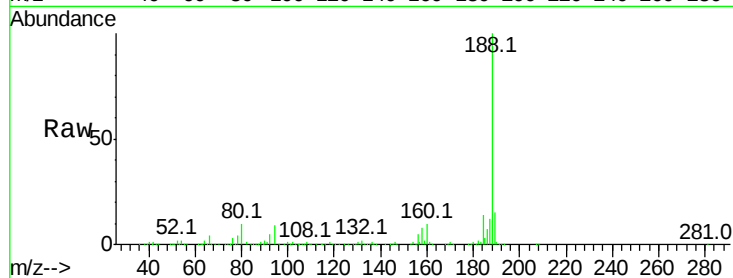
Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 820161

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.7	13.1
80	10.1	9.3	13.9



#64

4,6-Dinitro-2-methylphenol

Concen: 40.247 ng

RT: 16.13 min Scan# 2183

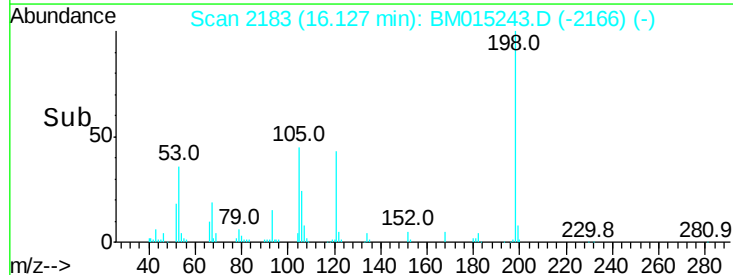
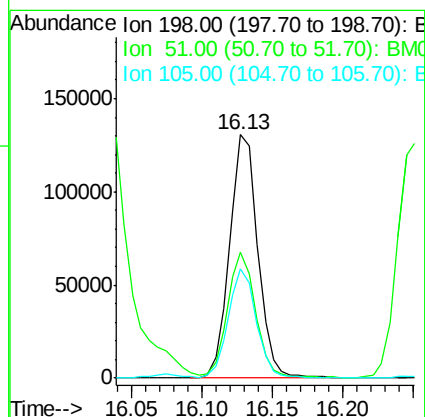
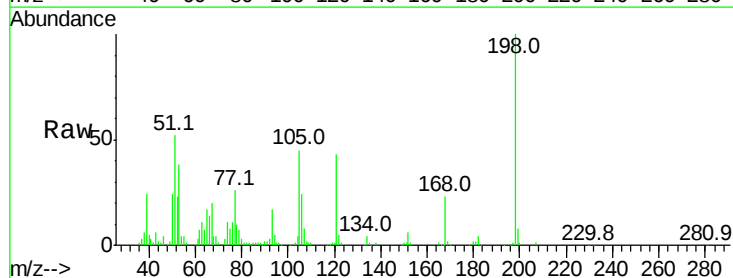
Delta R.T. 0.00 min

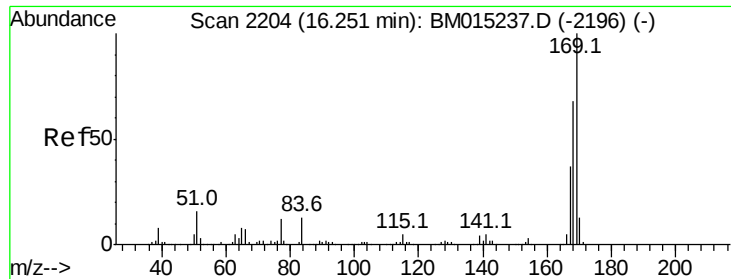
Lab File: BM015243.D

Acq: 22 May 2018 16:55

Tgt Ion:198 Resp: 182191

Ion	Ratio	Lower	Upper
198	100		
51	51.8	28.8	68.8
105	44.9	30.5	70.5

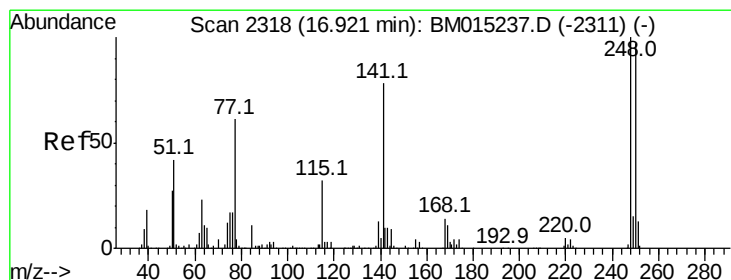
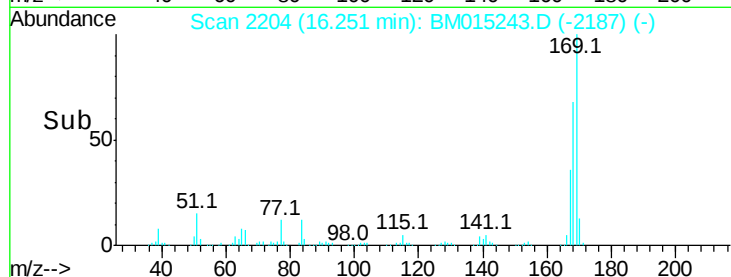
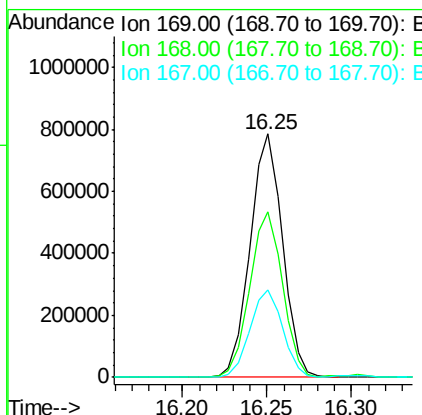
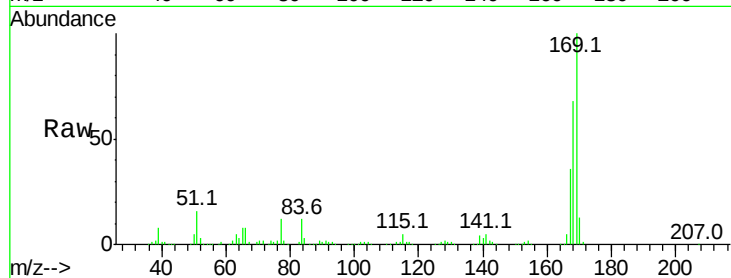




#65
 n-Nitrosodiphenylamine
 Concen: 39.986 ng
 RT: 16.25 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

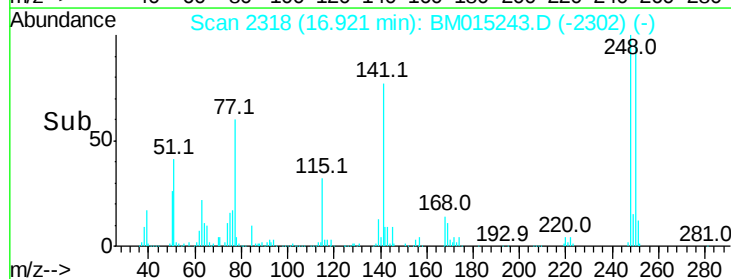
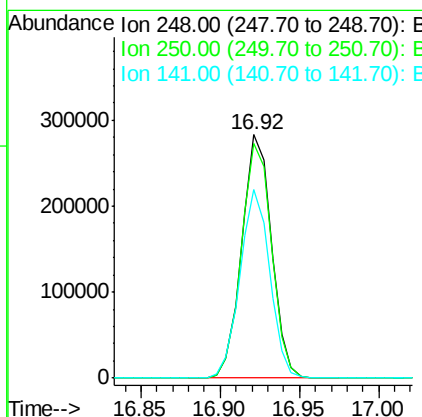
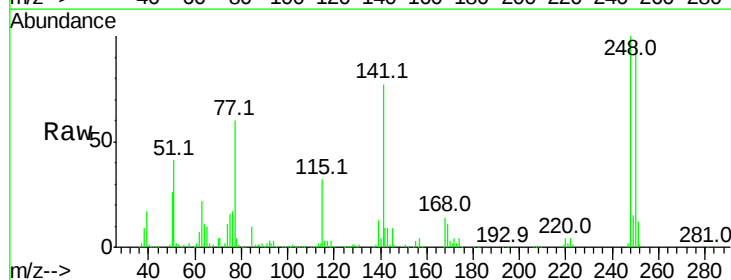
Instrument :
 BNA_M
 ClientSampleId :

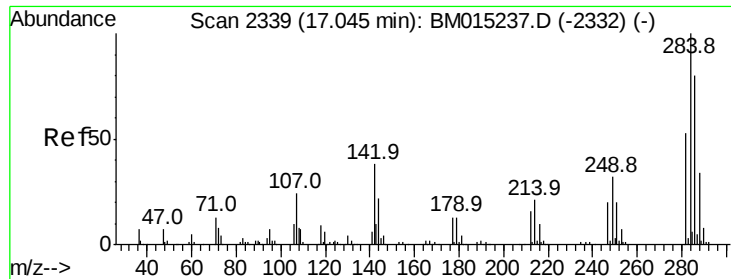
Tot Ion:169 Resp: 1053743
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.9 80.9
 167 36.2 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.297 ng
 RT: 16.92 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:248 Resp: 369245
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.4 116.0
 141 77.3 45.2 67.8#





#67

Hexachlorobenzene

Concen: 39.994 ng

RT: 17.04 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

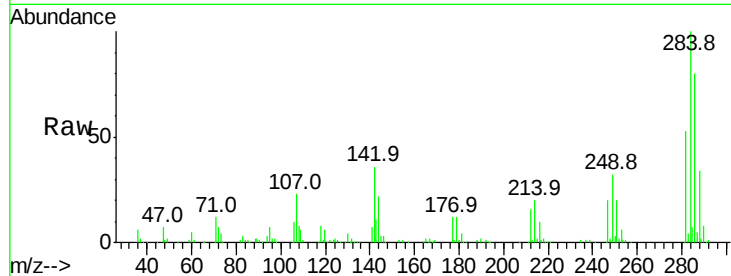
Tot Ion:284 Resp: 422027

Ion Ratio Lower Upper

284 100

142 35.6 20.4 30.6#

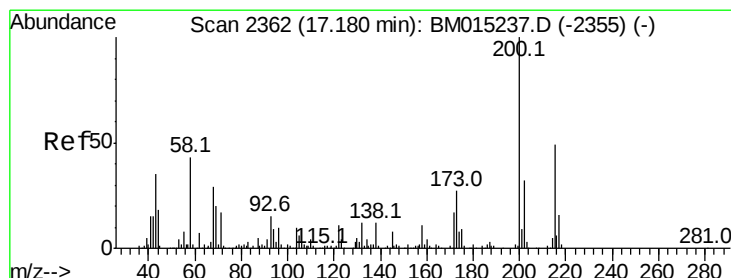
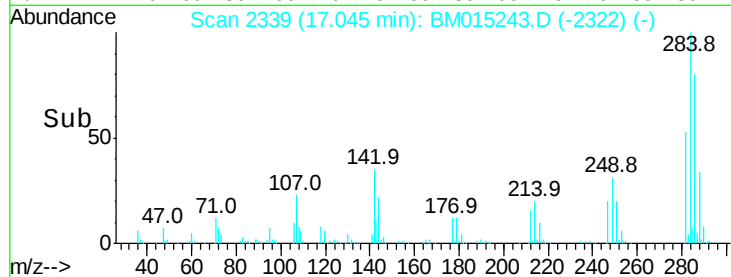
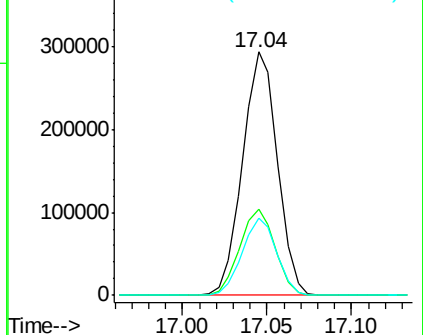
249 31.7 23.8 35.6



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: 41.434 ng

RT: 17.18 min Scan# 2362

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

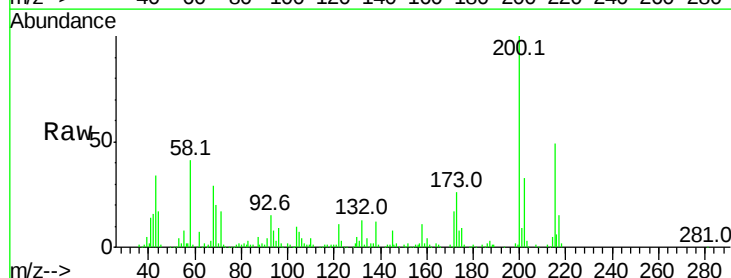
Tgt Ion:200 Resp: 346372

Ion Ratio Lower Upper

200 100

173 26.3 4.8 44.8

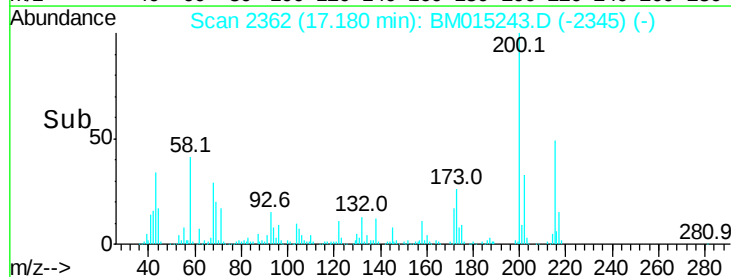
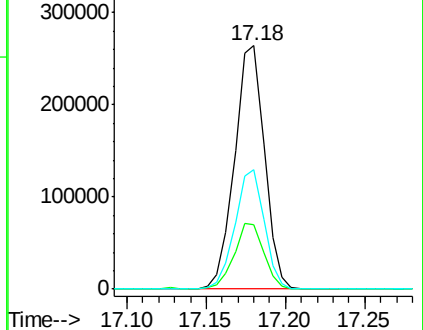
215 48.9 26.9 66.9

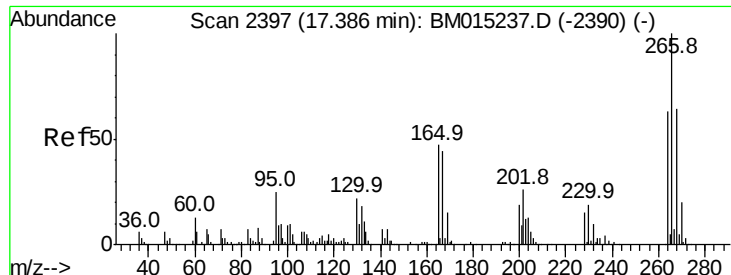


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.352 ng

RT: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampled :

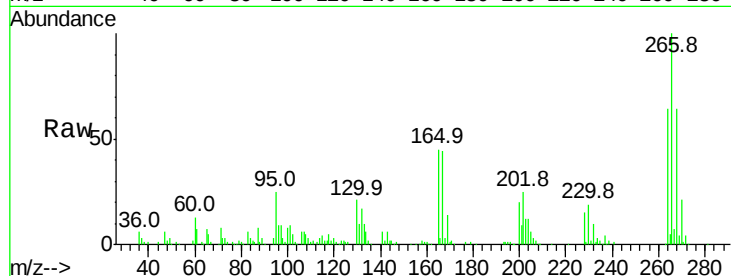
Tot Ion:266 Resp: 237028

Ion Ratio Lower Upper

266 100

268 63.6 52.0 78.0

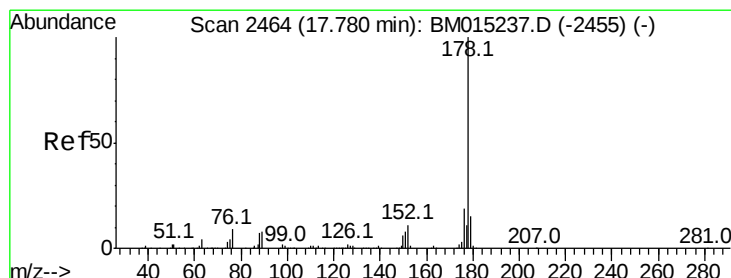
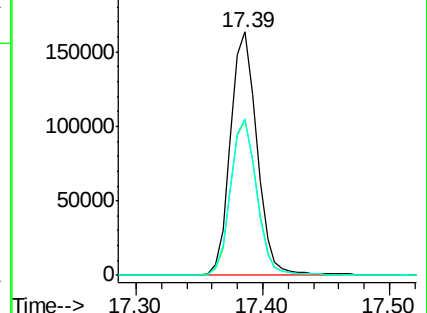
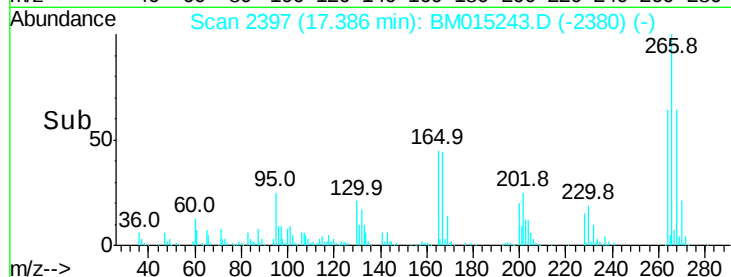
264 64.2 49.0 73.4



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: 39.805 ng

RT: 17.78 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

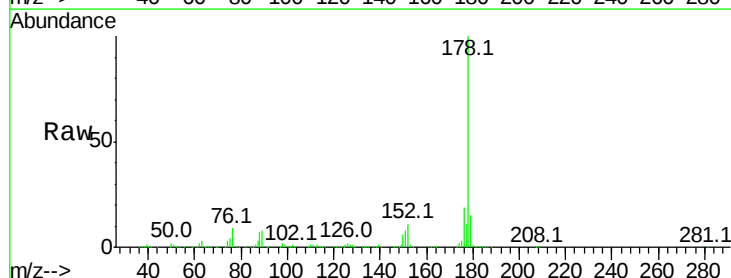
Tgt Ion:178 Resp: 1859505

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

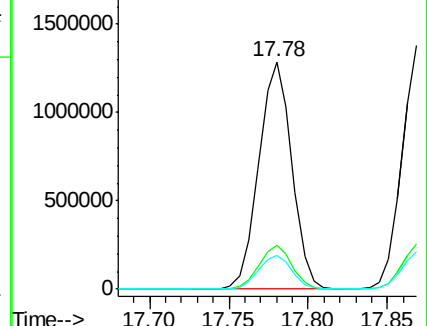
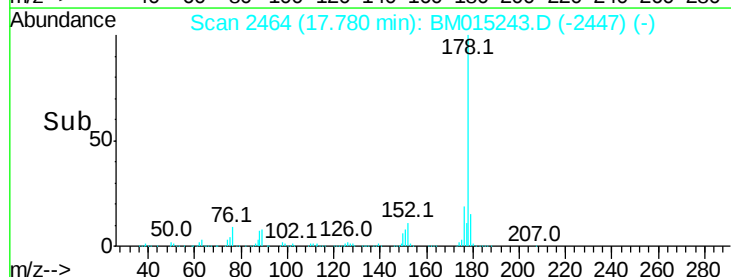
179 15.1 12.1 18.1

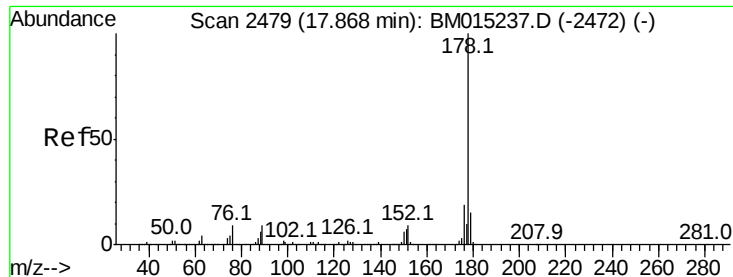


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

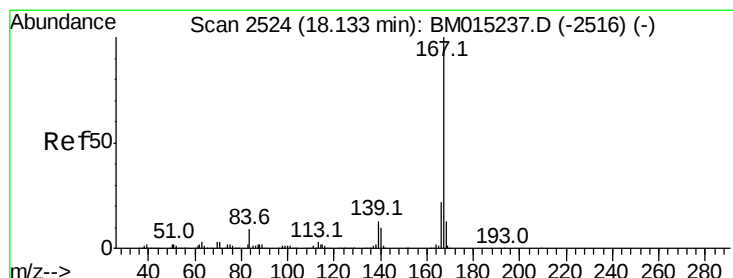
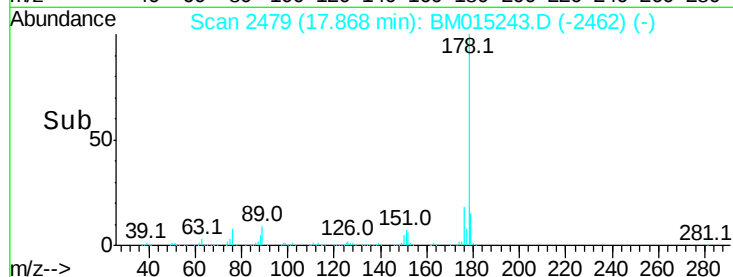
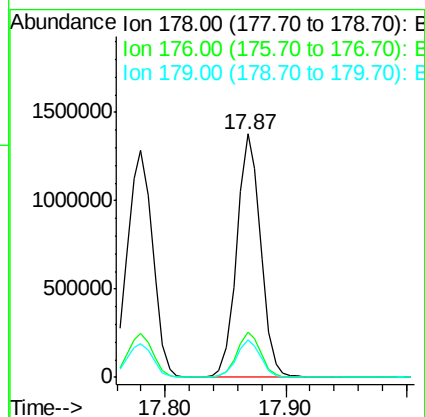
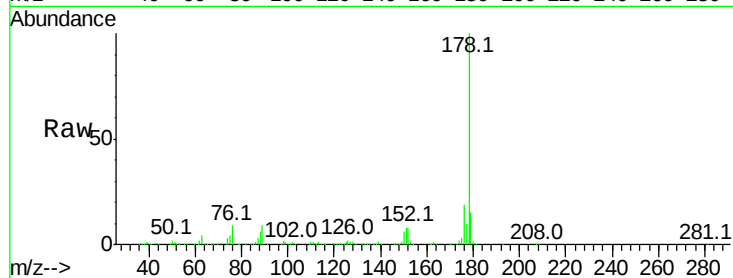




#71
 Anthracene
 Concen: 40.640 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

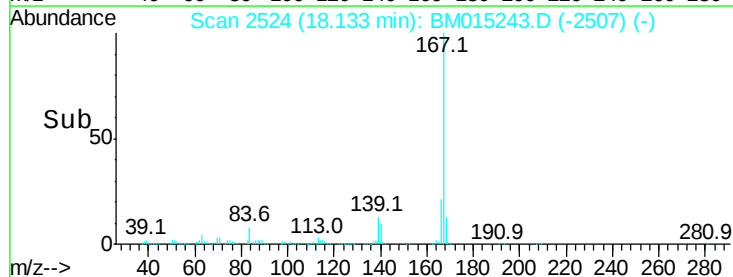
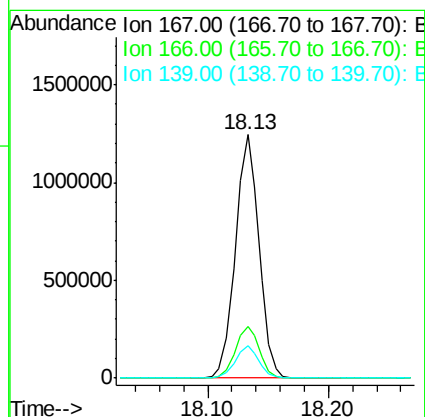
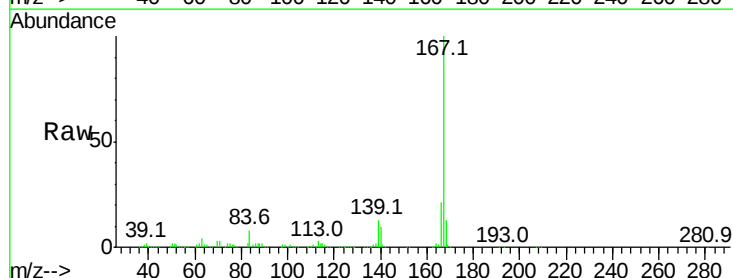
Instrument :
 BNA_M
 ClientSampleId :

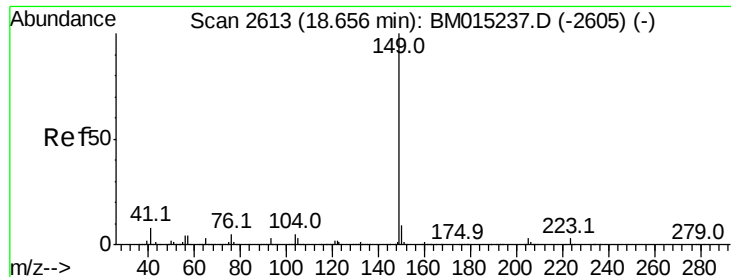
Tot Ion:178 Resp: 1892482
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.181 ng
 RT: 18.13 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:167 Resp: 1697707
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 13.1 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.761 ng

RT: 18.66 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

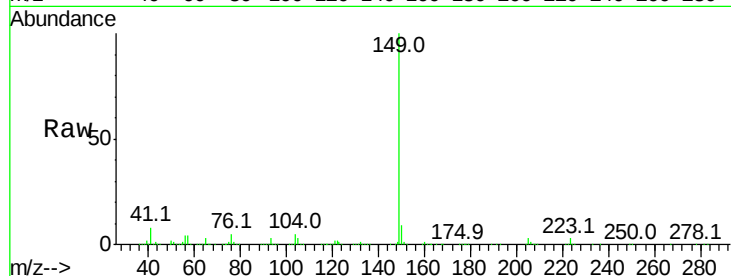
Tot Ion:149 Resp: 2026943

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

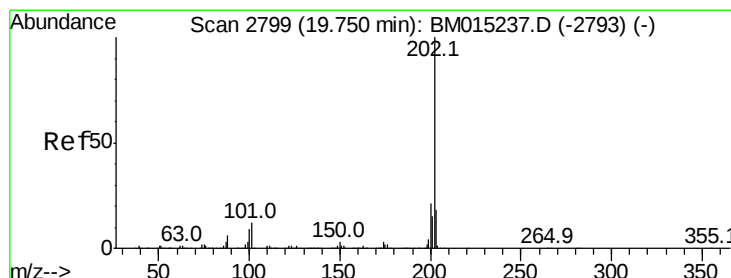
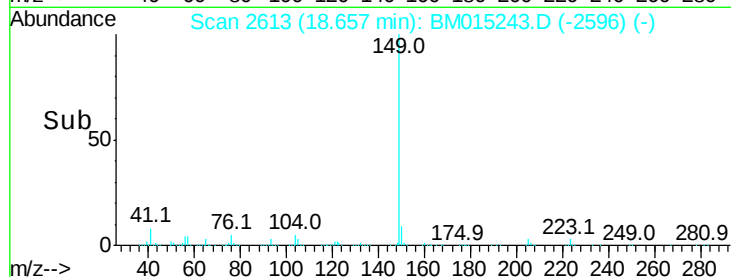
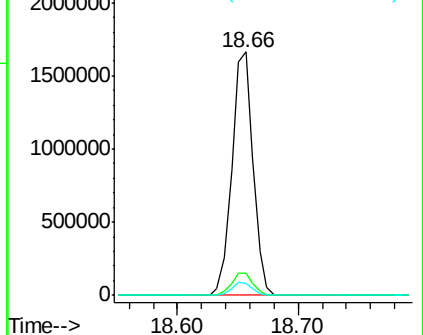
104 5.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.702 ng

RT: 19.75 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

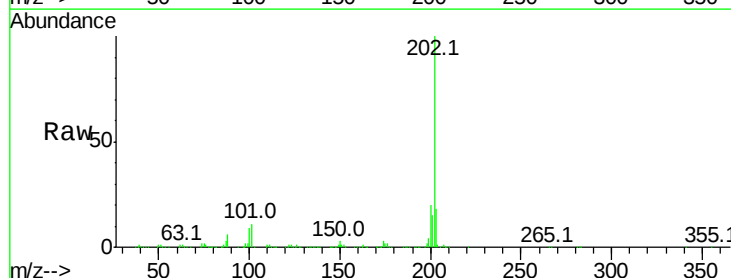
Tgt Ion:202 Resp: 2085357

Ion Ratio Lower Upper

202 100

101 11.4 0.0 28.7

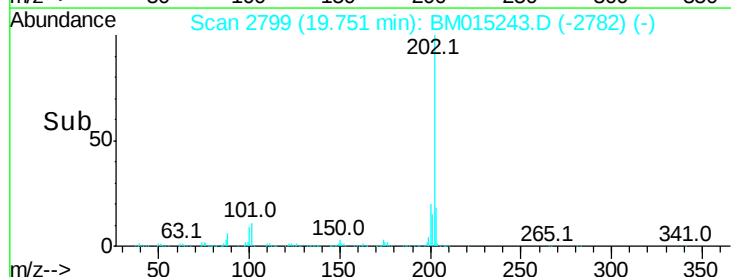
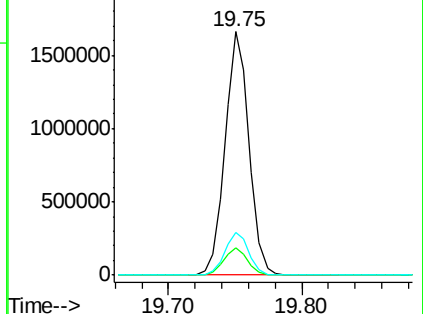
203 17.5 0.0 37.2

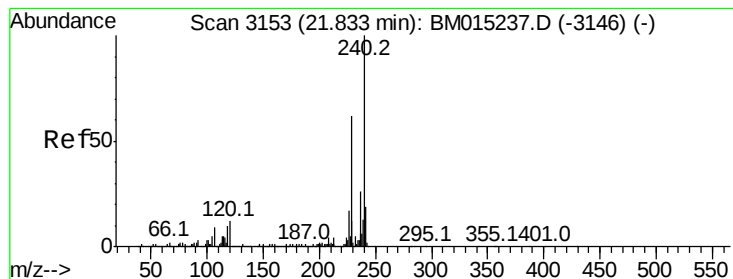


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

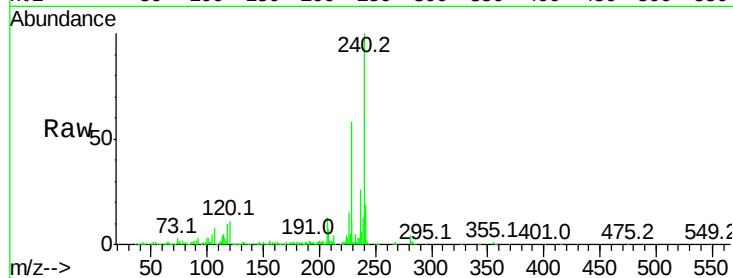
Tot Ion:240 Resp: 849498

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

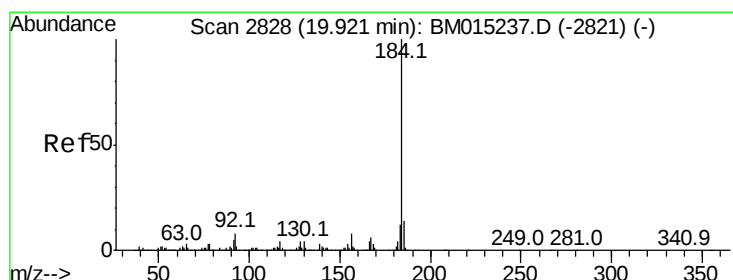
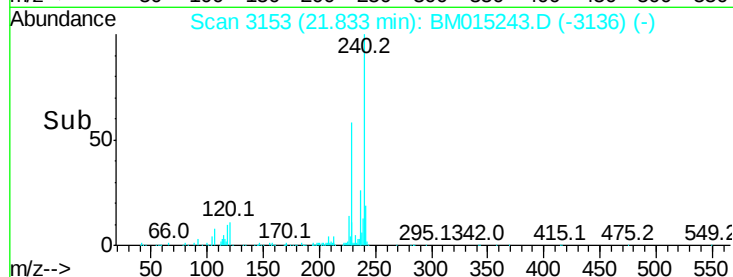
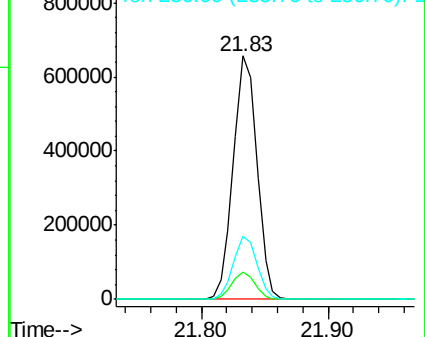
236 25.9 20.0 30.0



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: 43.604 ng

RT: 19.92 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

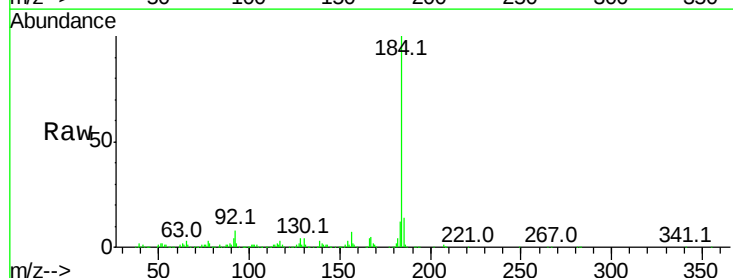
Tgt Ion:184 Resp: 1159590

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

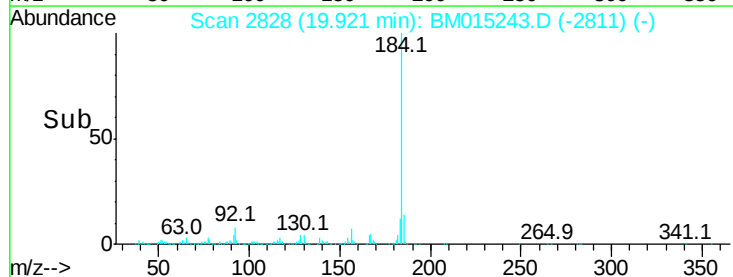
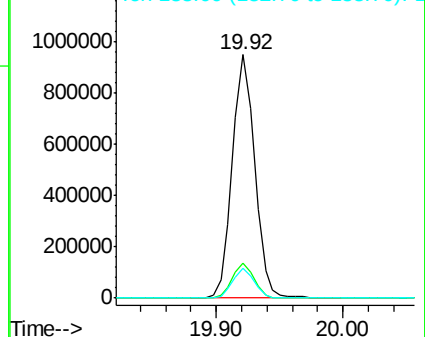
183 12.2 8.9 13.3

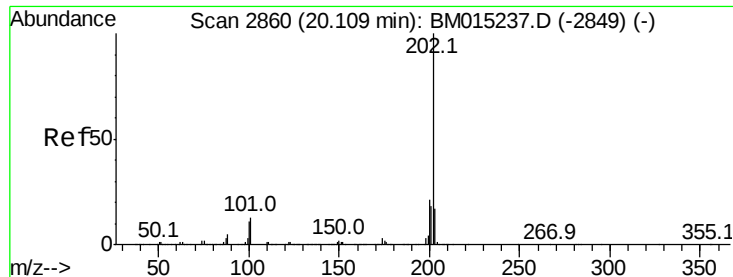


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.874 ng

RT: 20.11 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

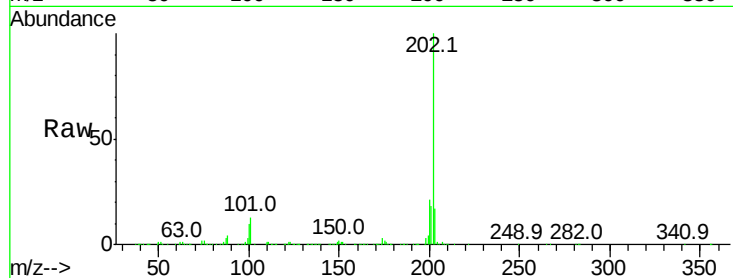
Tot Ion:202 Resp: 2137872

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

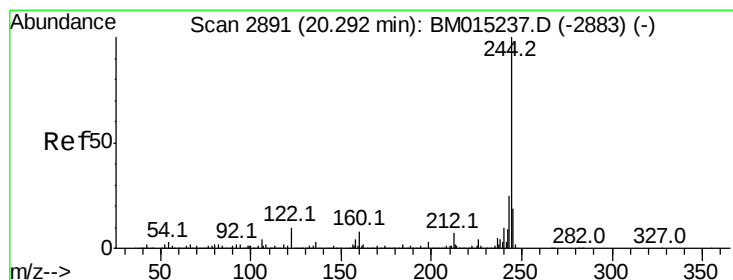
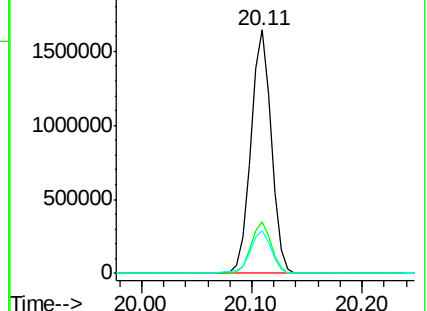
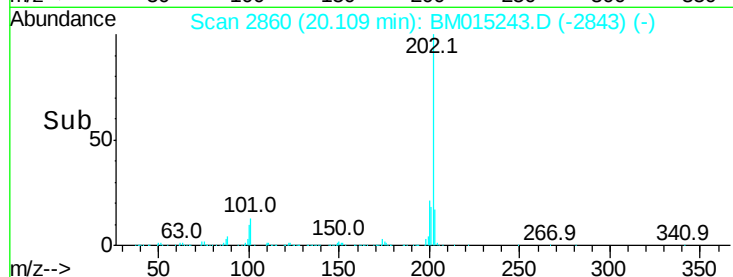
203 17.4 14.1 21.1



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: 79.156 ng

RT: 20.29 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

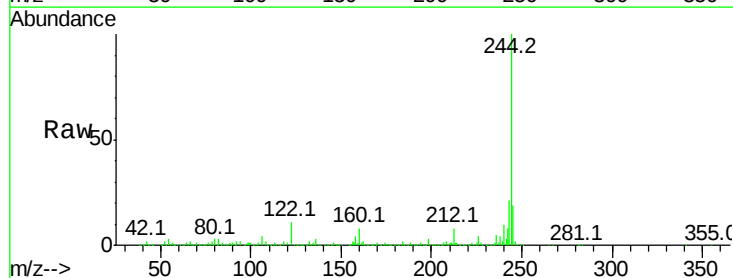
Tgt Ion:244 Resp: 3045100

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

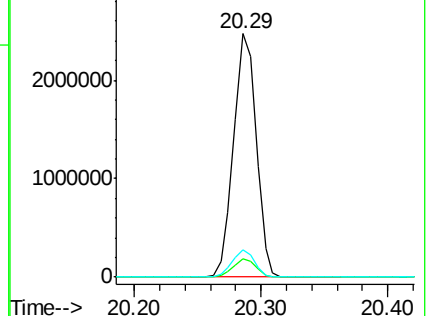
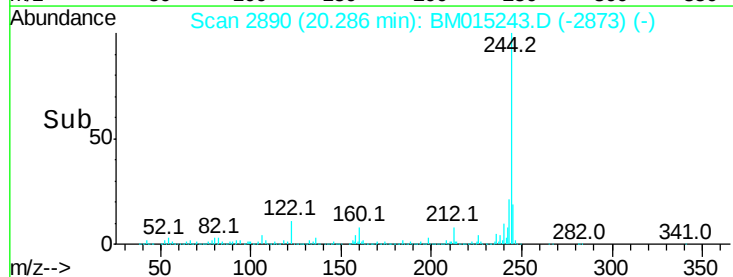
122 11.4 6.2 9.4#

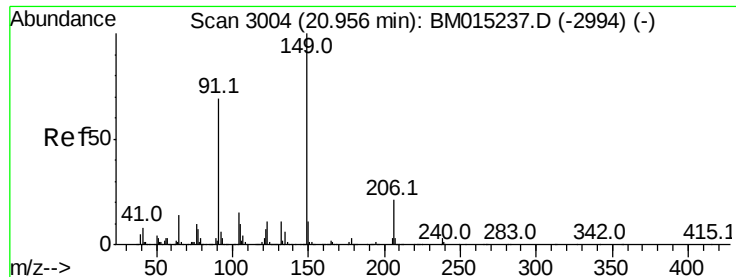


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

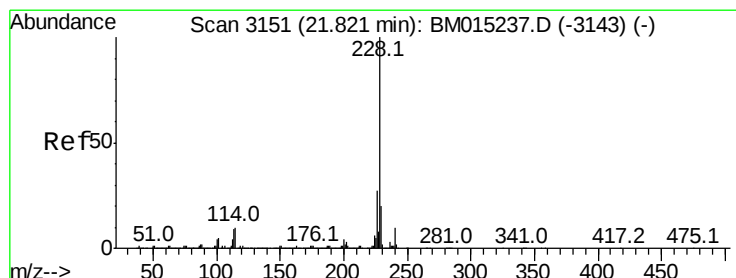
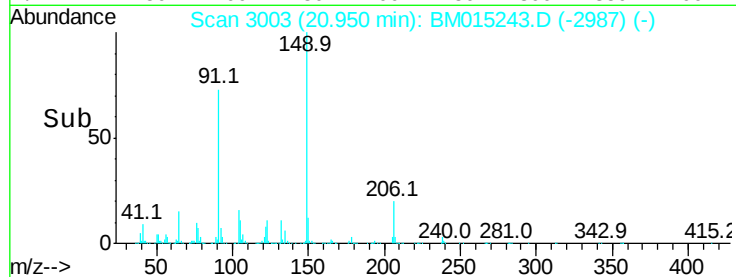
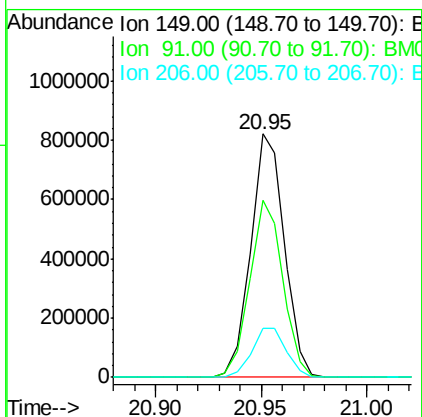
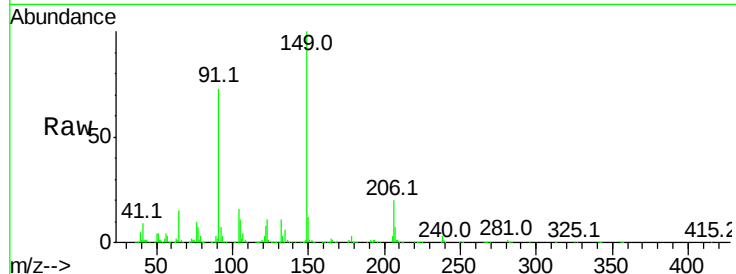




#79
Butylbenzylphthalate
Concen: 41.570 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

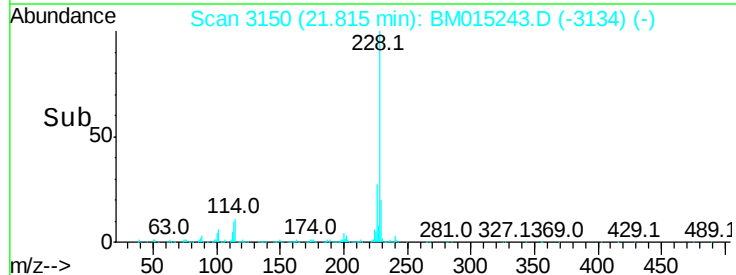
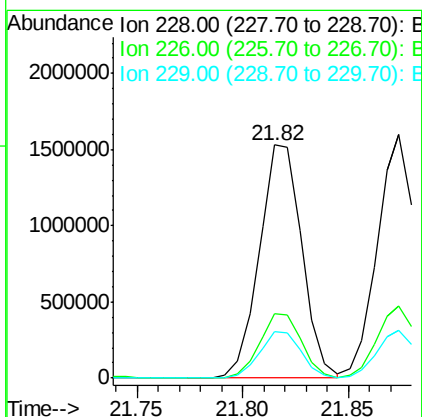
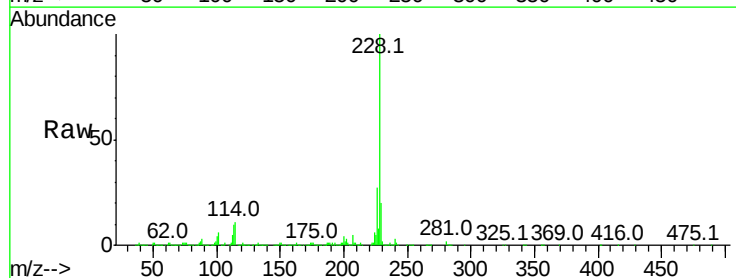
Instrument :
BNA_M
ClientSampled :

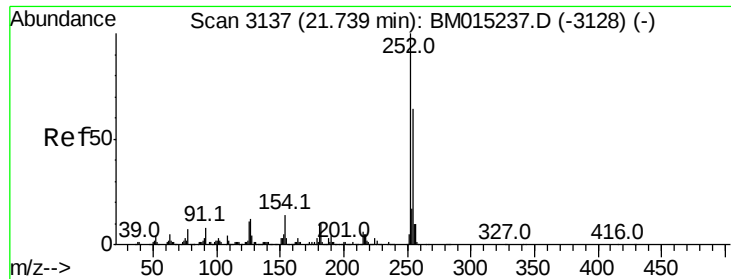
Tot Ion:149 Resp: 910029
Ion Ratio Lower Upper
149 100
91 72.9 50.1 75.1
206 20.1 16.2 24.2



#80
Benzo(a)anthracene
Concen: 40.072 ng
RT: 21.82 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:228 Resp: 2145132
Ion Ratio Lower Upper
228 100
226 27.5 21.7 32.5
229 20.0 16.0 24.0

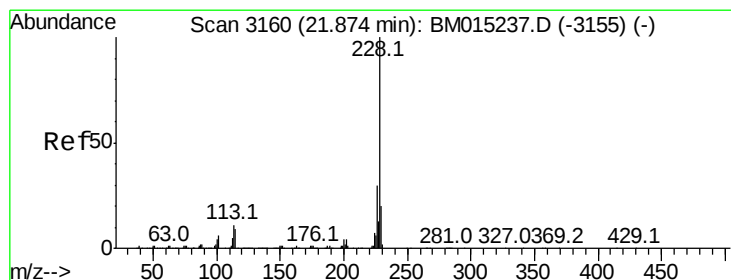
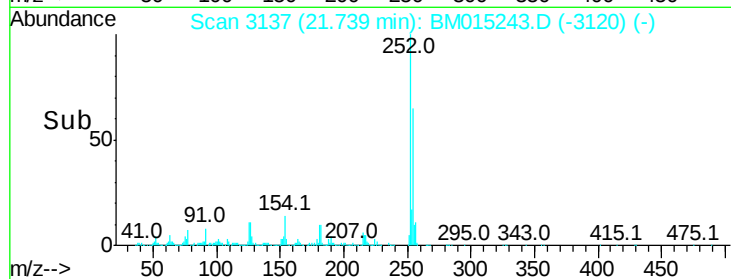
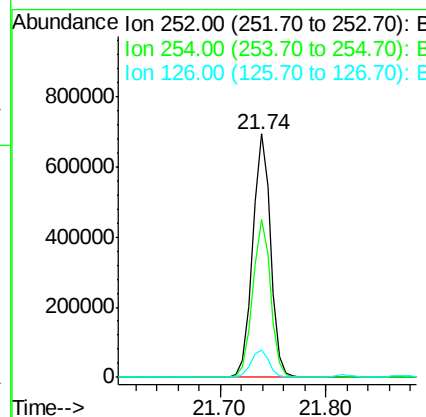
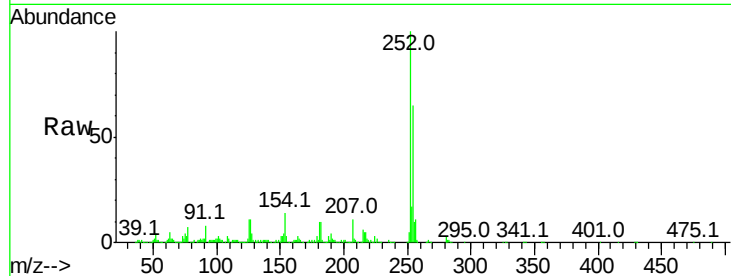




#81
 3,3'-Dichlorobenzidine
 Concen: 41.523 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

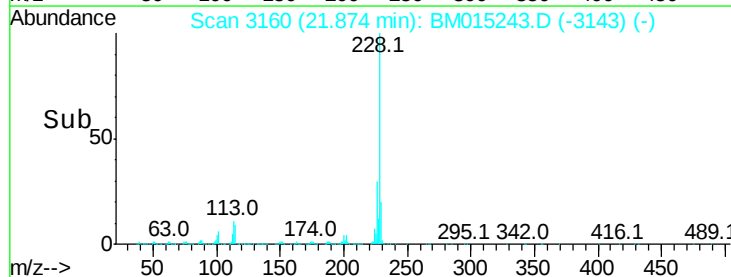
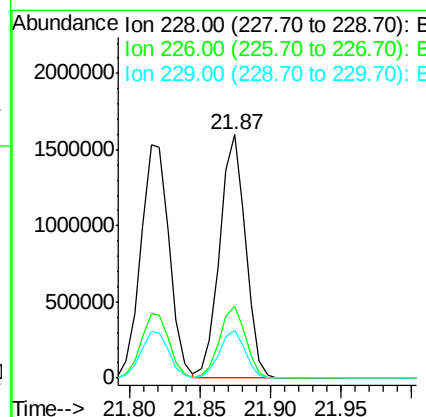
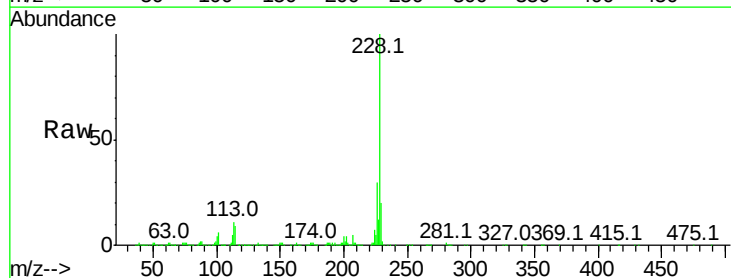
Instrument :
 BNA_M
 ClientSampleId :

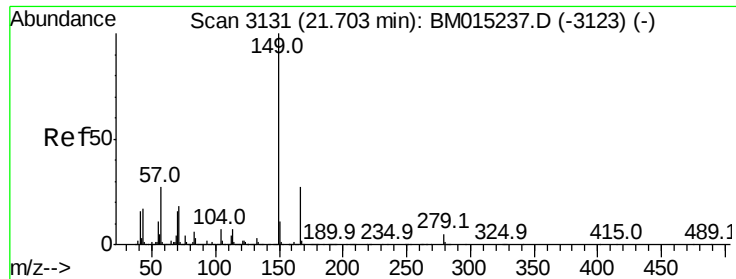
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	11.3	9.8	14.8



#82
 Chrysene
 Concen: 40.171 ng
 RT: 21.87 min Scan# 3160
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	19.6	15.5	23.3

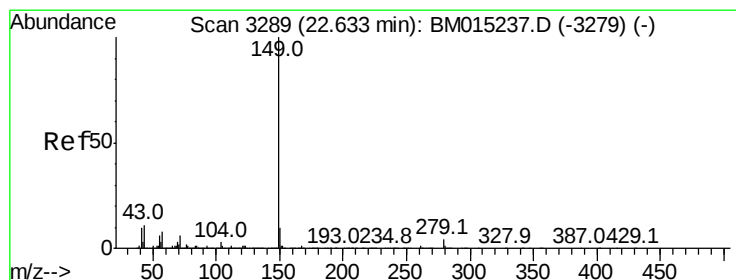
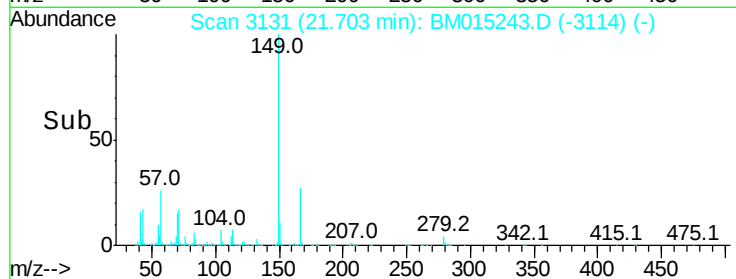
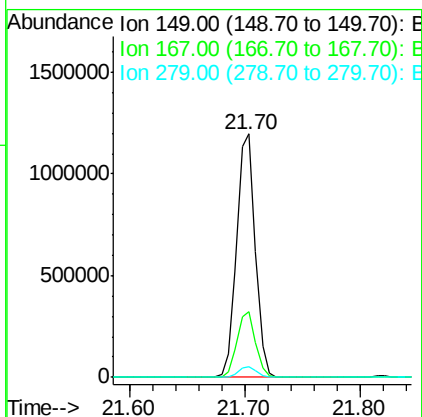
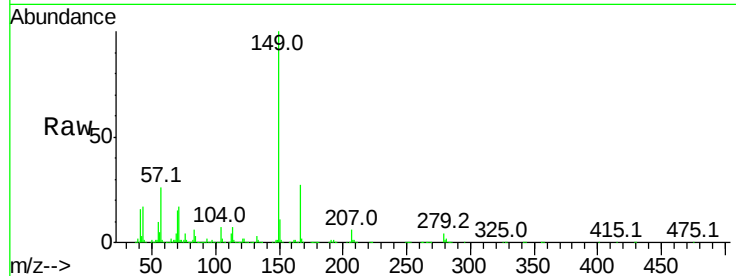




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.001 ng
 RT: 21.70 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

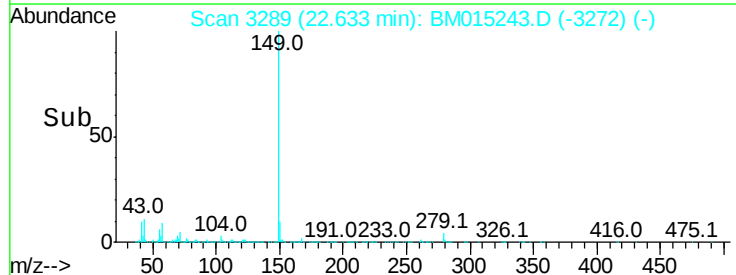
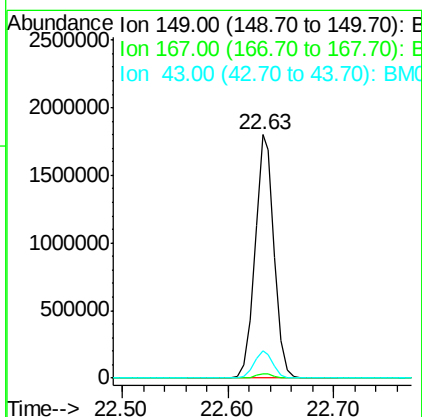
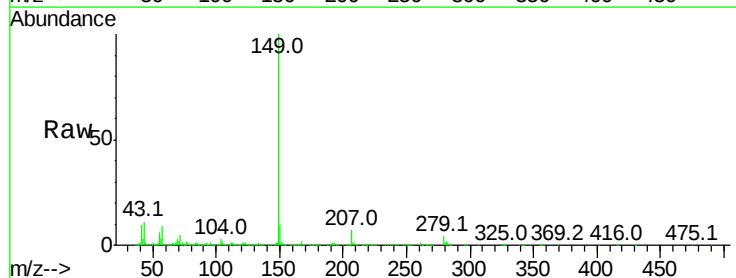
Instrument :
 BNA_M
 ClientSampleId :

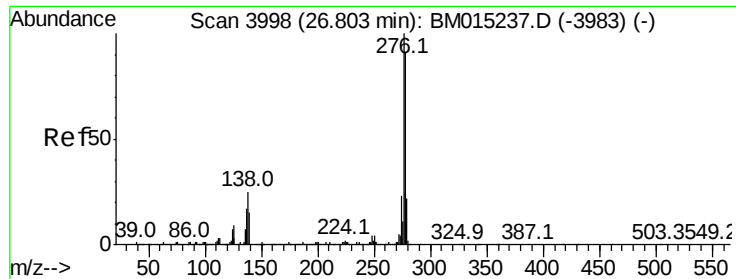
Tot Ion:149 Resp: 1337396
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 4.4 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 40.658 ng
 RT: 22.63 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: BM015243.D
 Acq: 22 May 2018 16:55

Tgt Ion:149 Resp: 2264385
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.2 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.479 ng

RT: 26.80 min Scan# 3998

Delta R.T. 0.01 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

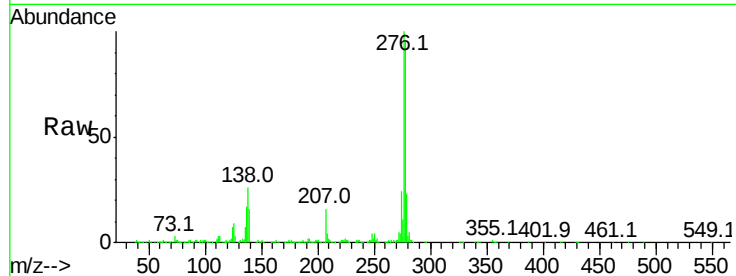
Tot Ion:276 Resp: 2530094

Ion Ratio Lower Upper

276 100

138 24.9 12.0 18.0#

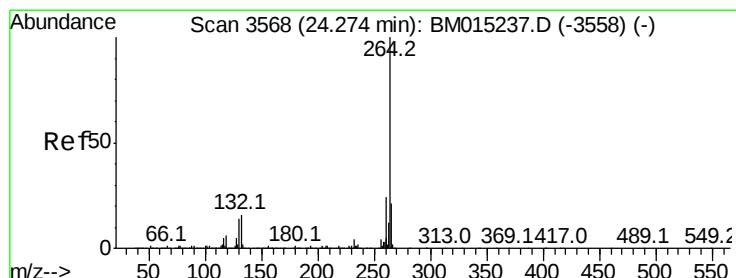
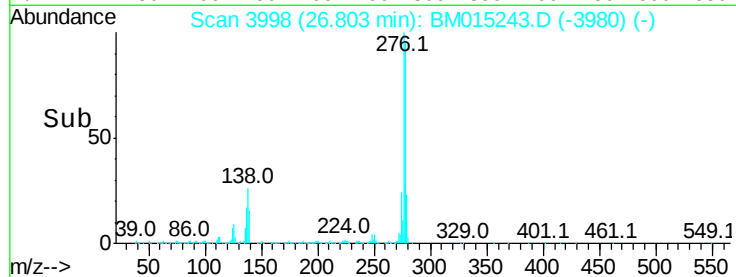
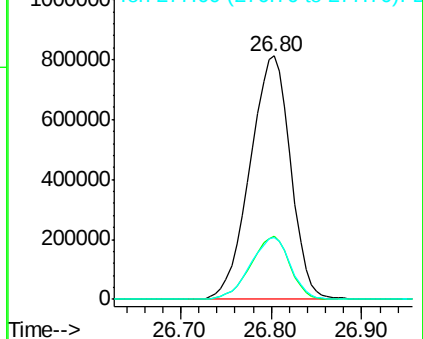
277 25.3 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.27 min Scan# 3568

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

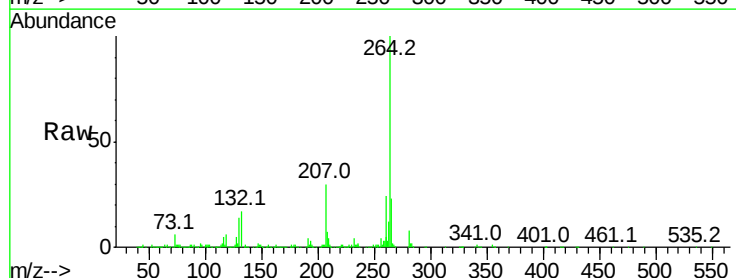
Tgt Ion:264 Resp: 869633

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

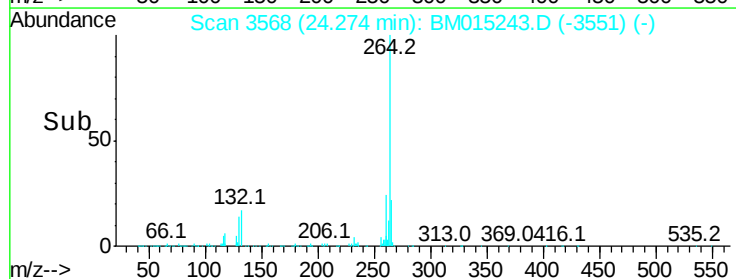
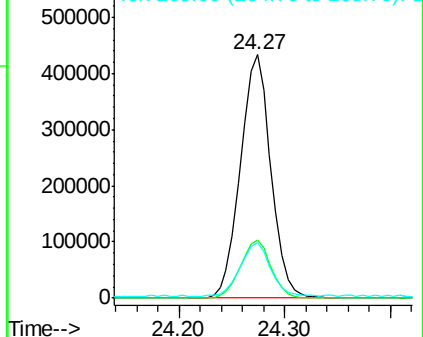
265 22.8 17.3 25.9

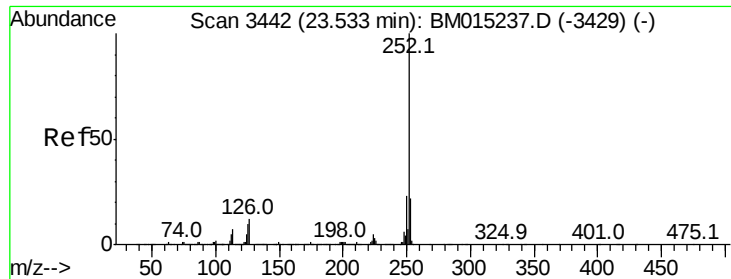


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

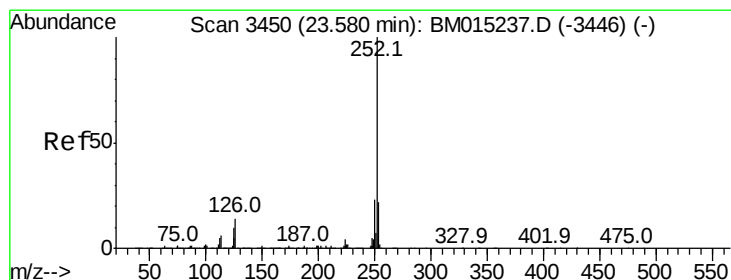
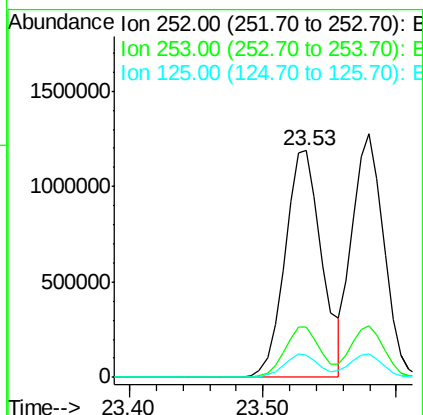
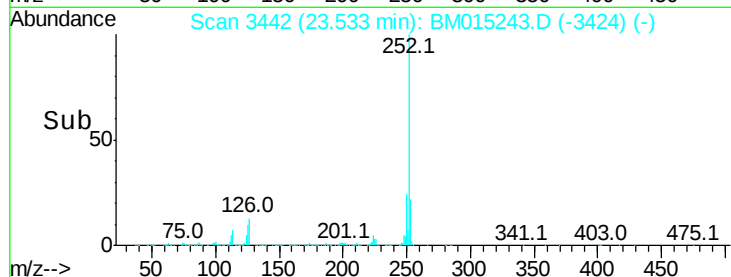
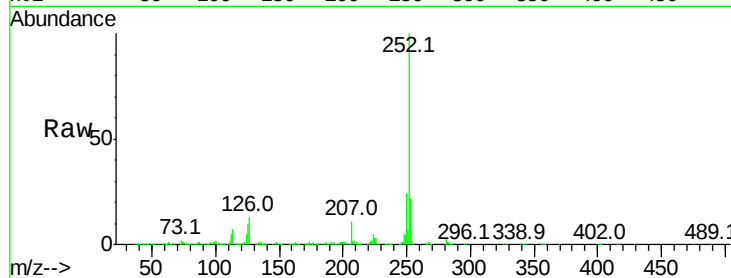




#87
Benzo(b)fluoranthene
Concen: 41.248 ng
RT: 23.53 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

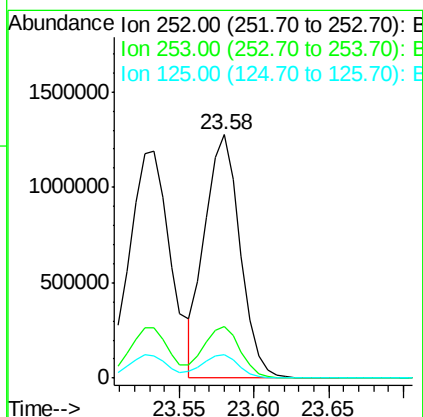
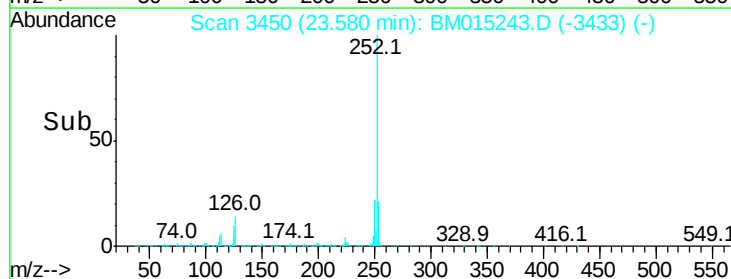
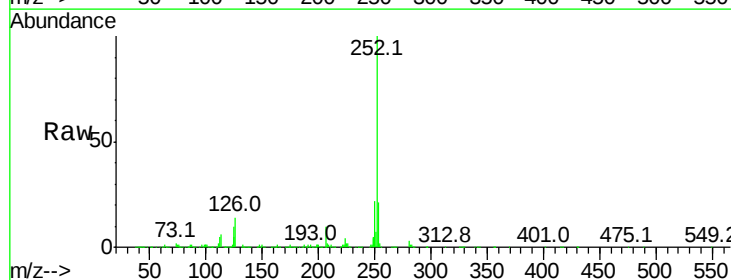
Instrument :
BNA_M
ClientSampleId :

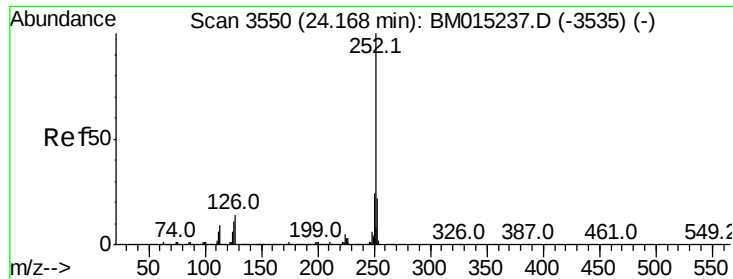
Tot Ion:252 Resp: 2269620
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.7 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 40.147 ng
RT: 23.58 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM015243.D
Acq: 22 May 2018 16:55

Tgt Ion:252 Resp: 2089540
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 9.6 8.1 12.1





#89

Benzo(a)pyrene

Concen: 41.007 ng

RT: 24.17 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

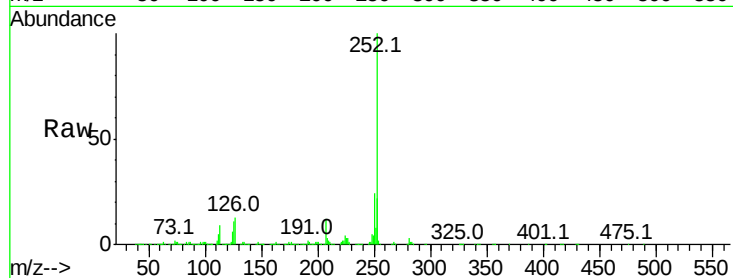
Tot Ion:252 Resp: 2104611

Ion Ratio Lower Upper

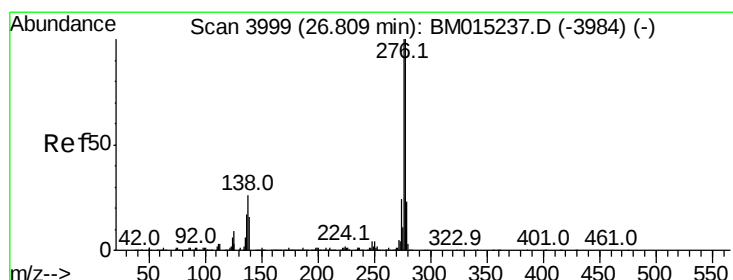
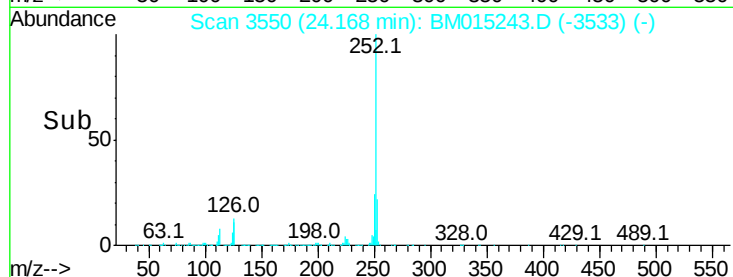
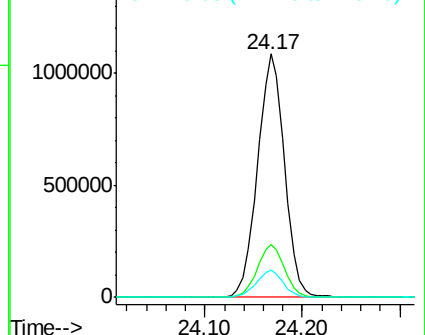
252 100

253 21.7 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: 40.973 ng

RT: 26.80 min Scan# 3998

Delta R.T. 0.00 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

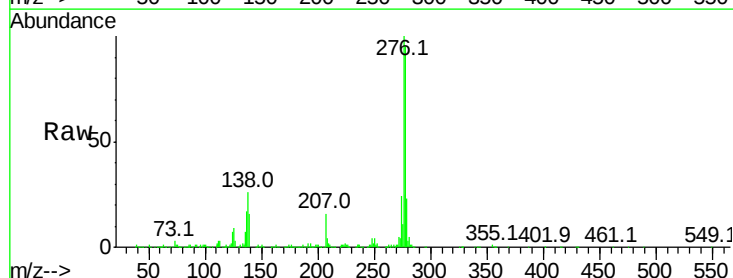
Tgt Ion:278 Resp: 2145379

Ion Ratio Lower Upper

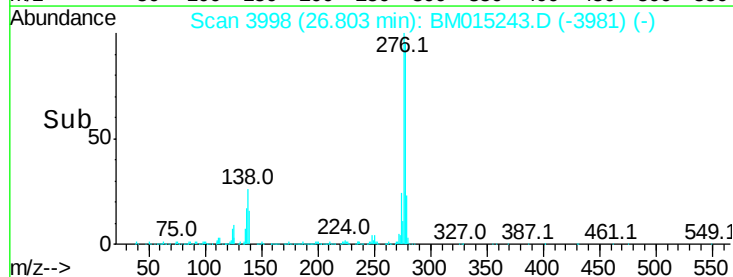
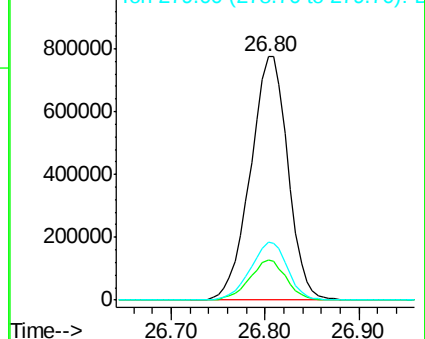
278 100

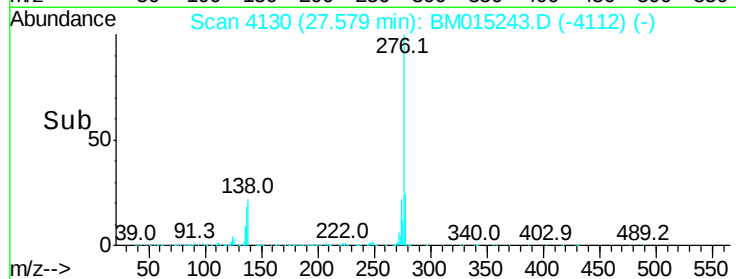
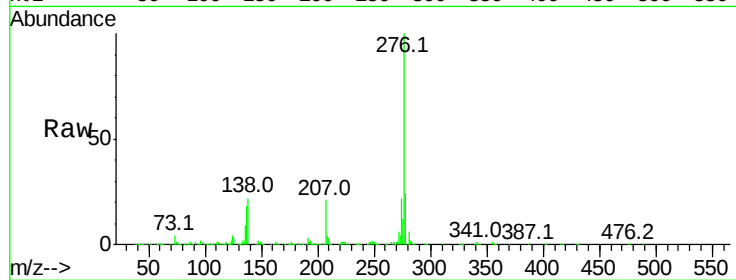
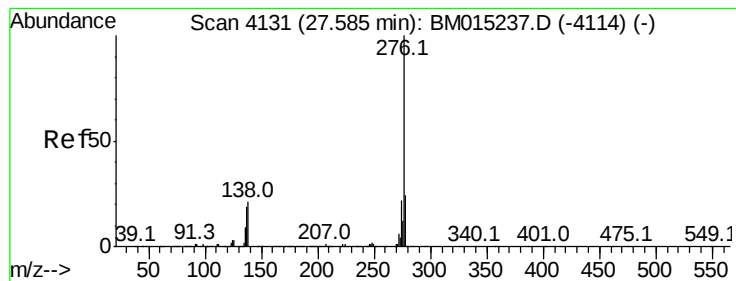
139 16.7 13.4 20.0

279 24.0 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: 40.979 ng

RT: 27.58 min Scan# 4130

Delta R.T. 0.01 min

Lab File: BM015243.D

Acq: 22 May 2018 16:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2089852

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.5	27.7
138	21.6	19.0	28.6

