

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015256.D
 Acq On : 23 May 2018 00:53
 Operator : SJ/JU
 Sample : J2133-09
 Misc : MDL 1 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 04:12:47 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	186028	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	744859	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	383281	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	815037	20.00	ng	0.00
75) Chrysene-d12	21.83	240	816810	20.00	ng	0.00
86) Perylene-d12	24.27	264	843744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1554130	136.68	ng	0.00
7) Phenol-d6	7.55	99	1963483	132.61	ng	0.00
23) Nitrobenzene-d5	9.59	82	1118808	82.28	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	675755	140.60	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	2495016	80.92	ng	0.00
78) Terphenyl-d14	20.29	244	3371451	91.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.63	88	5204	1.108	ng	# 100
4) n-Nitrosodimethylamine	4.02	42	3375	0.518	ng	# 53
6) Aniline	7.72	93	14721	0.807	ng	93
8) 2-Chlorophenol	7.96	128	12540	0.977	ng	92
9) Benzaldehyde	7.55	77	8862	0.946	ng	# 50
10) Phenol	7.57	94	14586	0.970	ng	# 78
11) bis(2-Chloroethyl)ether	7.82	93	11961	1.003	ng	84
12) 1,3-Dichlorobenzene	8.29	146	14302	0.978	ng	# 90
13) 1,4-Dichlorobenzene	8.44	146	14632	0.989	ng	95
14) 1,2-Dichlorobenzene	8.76	146	14643	1.043	ng	# 92
15) Benzyl Alcohol	8.66	79	7759	0.725	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.94	45	18799	0.999	ng	96
17) 2-Methylphenol	8.85	107	9227	0.923	ng	87
18) Hexachloroethane	9.50	117	5062	0.964	ng	94
19) n-Nitroso-di-n-propylamine	9.22	70	7451	0.790	ng	# 89
20) 3+4-Methylphenols	9.18	107	11417	0.860	ng	91
22) Acetophenone	9.25	105	16712	0.935	ng	# 91
24) Nitrobenzene	9.63	77	14876	1.051	ng	97
25) Isophorone	10.16	82	17612	0.754	ng	# 93
26) 2-Nitrophenol	10.36	139	3419	0.538	ng	# 83
27) 2,4-Dimethylphenol	10.40	122	6569	0.570	ng	90
28) bis(2-Chloroethoxy)methane	10.64	93	12647	0.827	ng	99
29) 2,4-Dichlorophenol	10.90	162	7212	0.661	ng	91
30) 1,2,4-Trichlorobenzene	11.10	180	12813	0.997	ng	99
31) Naphthalene	11.29	128	38699	1.000	ng	99
32) Benzoic acid	10.53	122	451	0.068	ng	# 1
33) 4-Chloroaniline	11.41	127	11361	0.735	ng	# 83
34) Hexachlorobutadiene	11.56	225	7696	1.007	ng	99
35) Caprolactam	12.16	113	1124	0.364	ng	93
36) 4-Chloro-3-methylphenol	12.50	107	7552	0.678	ng	# 84
37) 2-Methylnaphthalene	12.87	142	24072	0.897	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	12718	0.942	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	1940	5.477	ng	93
42) 2,4,6-Trichlorophenol	13.47	196	5064	0.624	ng	93

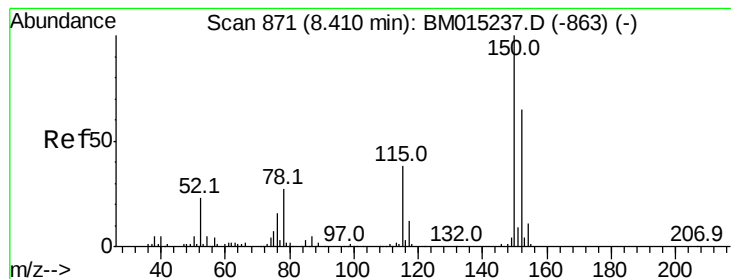
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015256.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.55	196	5544	0.633	ng	# 91
45) 1,1'-Biphenyl	13.86	154	39068	1.165	ng	98
46) 2-Chloronaphthalene	13.91	162	25088	0.972	ng	# 88
47) 2-Nitroaniline	14.12	65	4118	0.560	ng	94
48) Acenaphthylene	14.75	152	31168	0.813	ng	97
49) Dimethylphthalate	14.46	163	27863	0.911	ng	# 97
50) 2,6-Dinitrotoluene	14.59	165	3925	0.615	ng	98
51) Acenaphthene	15.08	154	23742	0.994	ng	93
52) 3-Nitroaniline	14.93	138	3065	0.456	ng	# 71
53) 2,4-Dinitrophenol	15.15	184	434	6.649	ng	# 38
54) Dibenzofuran	15.41	168	36352	0.965	ng	93
55) 4-Nitrophenol	15.23	139	1340	0.246	ng	# 62
56) 2,4-Dinitrotoluene	15.37	165	3809	0.436	ng	# 93
57) Fluorene	16.05	166	27431	0.922	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	3979	0.530	ng	# 100
59) Diethylphthalate	15.80	149	25977	0.862	ng	# 95
60) 4-Chlorophenyl-phenylether	16.03	204	14565	0.961	ng	95
61) 4-Nitroaniline	16.08	138	2396	0.341	ng	# 61
62) Azobenzene	16.33	77	18958	0.662	ng	88
64) 4,6-Dinitro-2-methylphenol	16.13	198	1727	0.384	ng	82
65) n-Nitrosodiphenylamine	16.24	169	20785	0.794	ng	97
66) 4-Bromophenyl-phenylether	16.92	248	8096	0.889	ng	# 84
67) Hexachlorobenzene	17.04	284	10396	0.991	ng	# 88
68) Atrazine	17.17	200	4195	0.505	ng	98
69) Pentachlorophenol	17.38	266	2765	0.474	ng	# 83
70) Phenanthrene	17.78	178	45146	0.972	ng	98
71) Anthracene	17.87	178	36582	0.791	ng	97
72) Carbazole	18.13	167	32372	0.790	ng	99
73) Di-n-butylphthalate	18.65	149	32748	0.679	ng	97
74) Fluoranthene	19.75	202	43795	0.860	ng	98
76) Benzidine	19.93	184	10143	0.397	ng	# 94
77) Pyrene	20.11	202	47743	0.926	ng	97
79) Butylbenzylphthalate	20.95	149	15612	0.742	ng	91
80) Benzo(a)anthracene	21.82	228	48096	0.934	ng	96
81) 3,3'-Dichlorobenzidine	21.74	252	15377	0.807	ng	97
82) Chrysene	21.87	228	49056	1.012	ng	98
83) Bis(2-ethylhexyl)phthalate	21.70	149	19880	0.649	ng	98
84) Di-n-octyl phthalate	22.63	149	30790	0.575	ng	# 83
85) Indeno(1,2,3-cd)pyrene	26.79	276	53286	0.909	ng	# 89
87) Benzo(b)fluoranthene	23.57	252	34852	0.653	ng	97
88) Benzo(k)fluoranthene	23.57	252	45867	0.908	ng	96
89) Benzo(a)pyrene	24.16	252	42934	0.862	ng	# 92
90) Dibenzo(a,h)anthracene	26.80	278	45912	0.904	ng	96
91) Benzo(g,h,i)perylene	27.57	276	44892	0.907	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

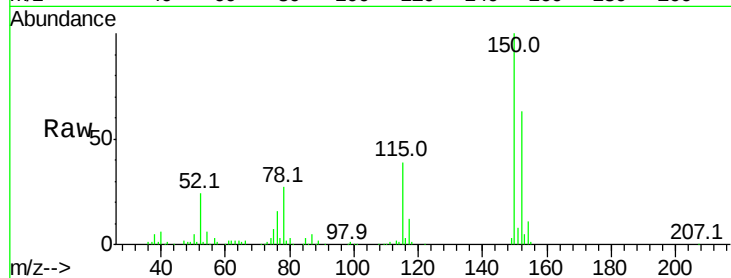
Tot Ion:152 Resp: 186028

Ion Ratio Lower Upper

152 100

150 157.6 119.5 179.3

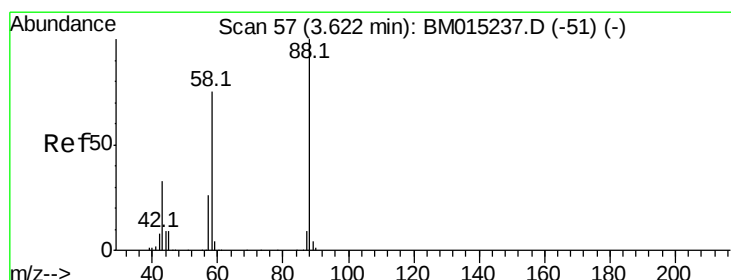
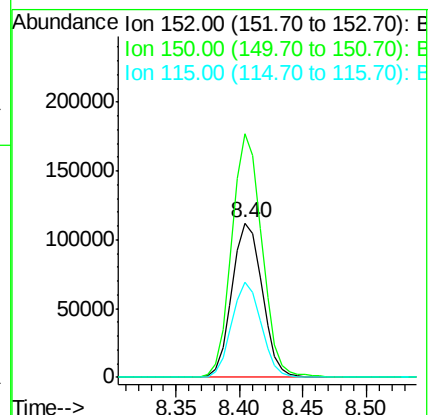
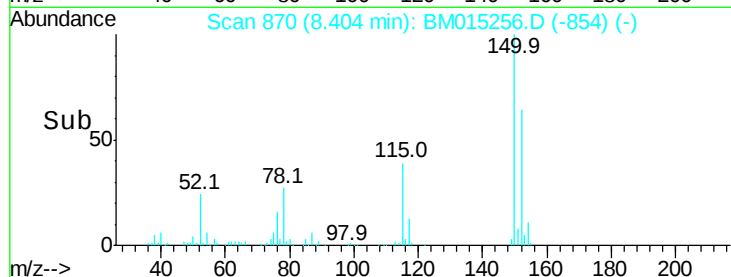
115 61.7 43.0 64.4



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: 1.108 ng

RT: 3.63 min Scan# 58

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

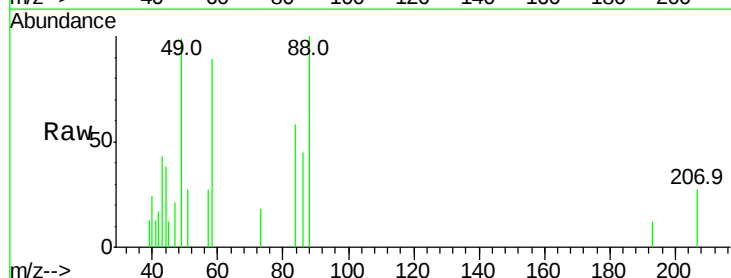
Tgt Ion: 88 Resp: 5204

Ion Ratio Lower Upper

88 100

58 65.3 0.0 0.0#

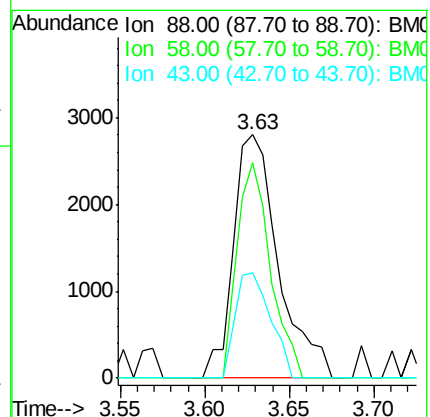
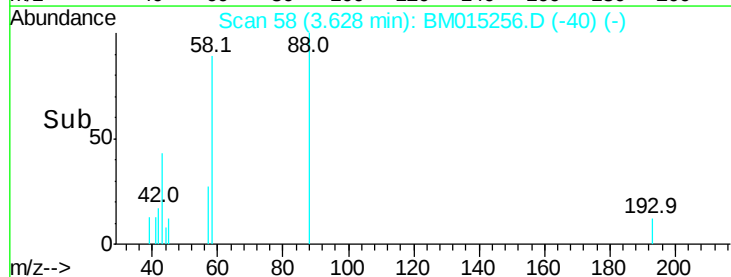
43 33.6 0.0 0.0#

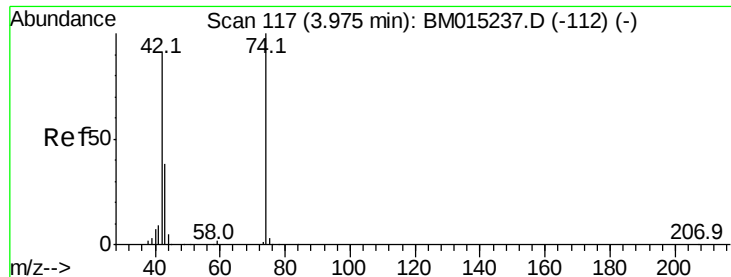


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

n-Nitrosodimethylamine

Concen: 0.518 ng

RT: 4.02 min Scan# 124

Delta R.T. 0.04 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

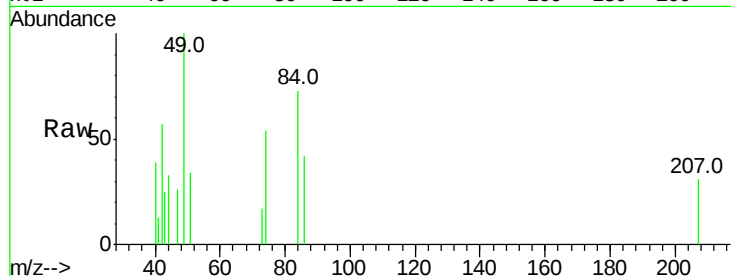
Tot Ion: 42 Resp: 3375

Ion Ratio Lower Upper

42 100

74 95.2 119.3 178.9#

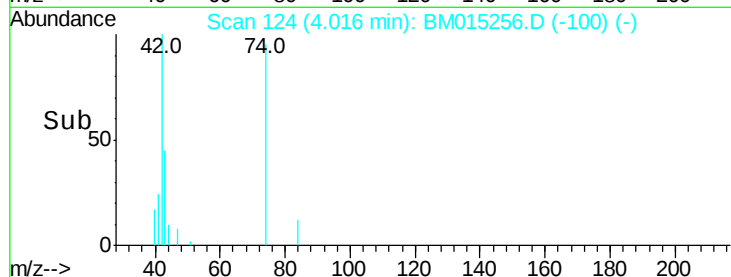
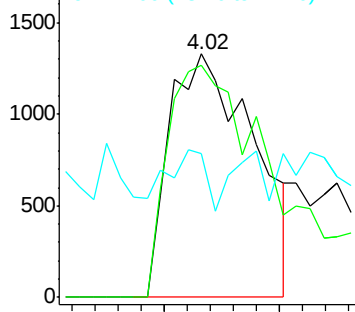
44 58.9 5.4 8.2#



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) (-)



#5

2-Fluorophenol

Concen: 136.683 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

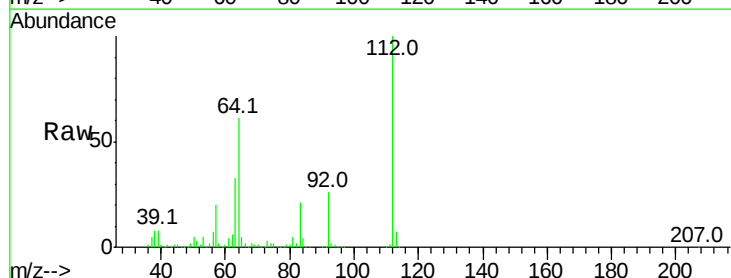
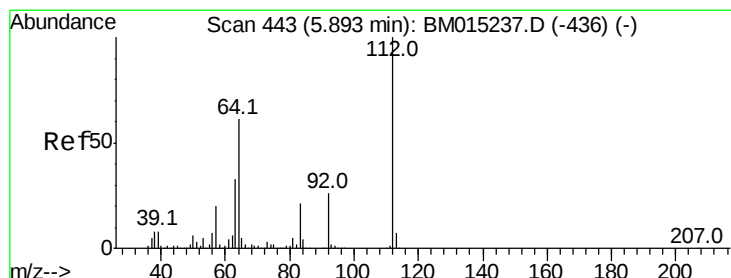
Tgt Ion: 112 Resp: 1554130

Ion Ratio Lower Upper

112 100

64 60.9 38.6 57.8#

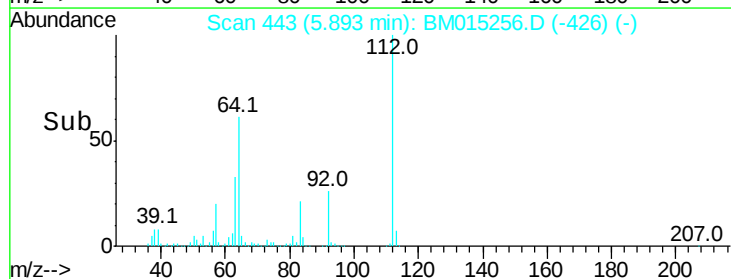
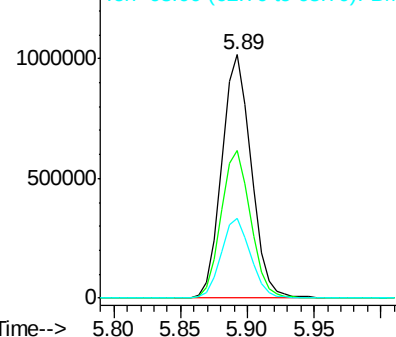
63 32.7 19.3 28.9#

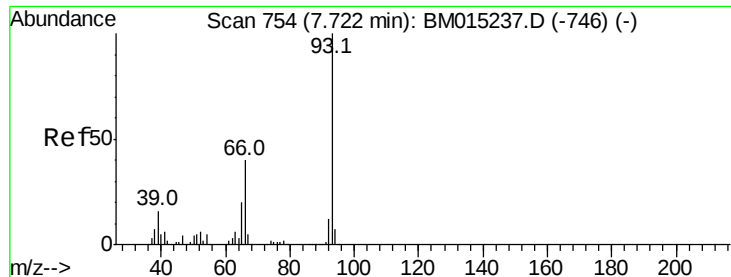


Abundance Ion 112.00 (111.70 to 112.70): BM015237.D (-436) (-)

Ion 64.00 (63.70 to 64.70): BM015237.D (-436) (-)

Ion 63.00 (62.70 to 63.70): BM015237.D (-436) (-)





#6

Aniline

Concen: 0.807 ng

RT: 7.72 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

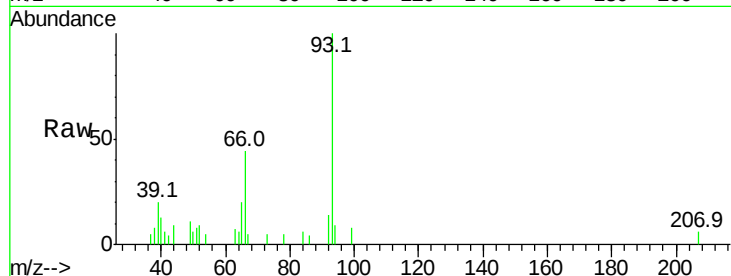
Tot Ion: 93 Resp: 14721

Ion Ratio Lower Upper

93 100

66 44.2 30.8 46.2

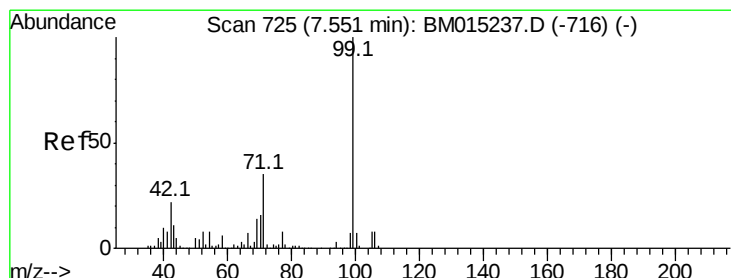
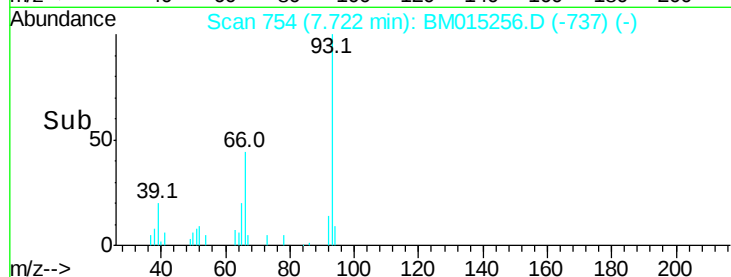
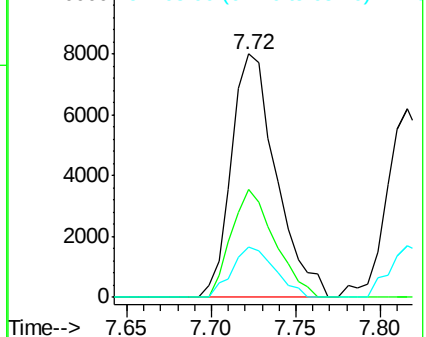
65 20.5 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BM015237.D (-746) (-)

Ion 66.00 (65.70 to 66.70): BM015237.D (-746) (-)

Ion 65.00 (64.70 to 65.70): BM015237.D (-746) (-)



#7

Phenol-d6

Concen: 132.610 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

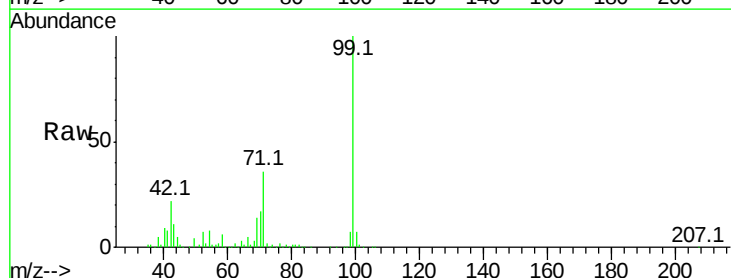
Tgt Ion: 99 Resp: 1963483

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

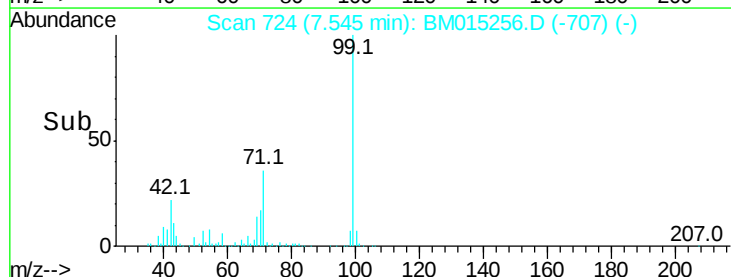
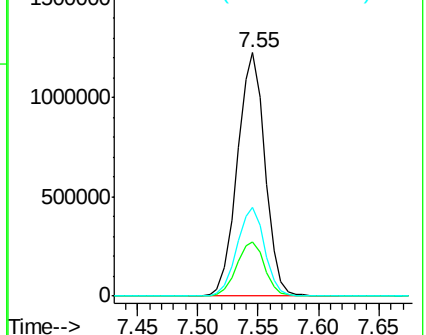
71 36.3 23.4 35.2#

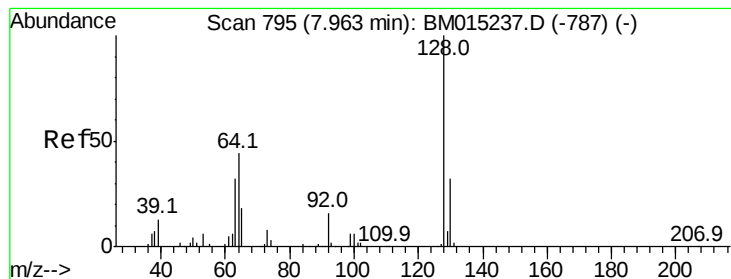


Abundance Ion 99.00 (98.70 to 99.70): BM015237.D (-716) (-)

Ion 42.00 (41.70 to 42.70): BM015237.D (-716) (-)

Ion 71.00 (70.70 to 71.70): BM015237.D (-716) (-)





#8

2-Chlorophenol

Concen: 0.977 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

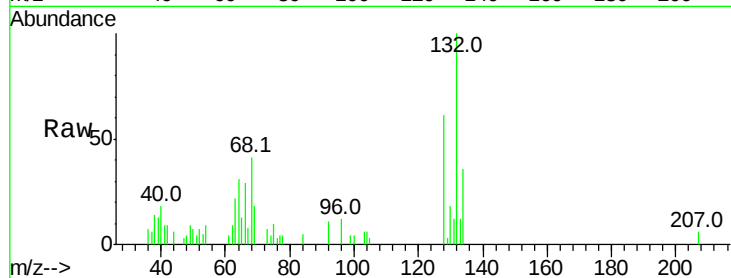
Tot Ion:128 Resp: 12540

Ion Ratio Lower Upper

128 100

130 29.7 12.0 52.0

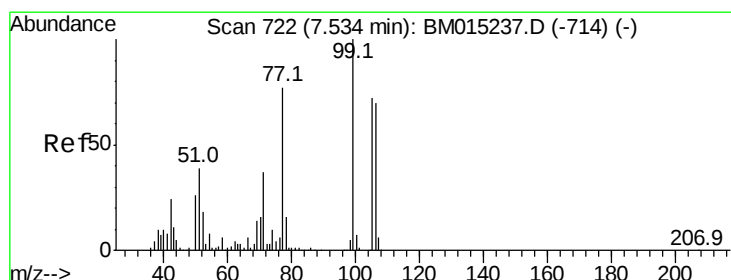
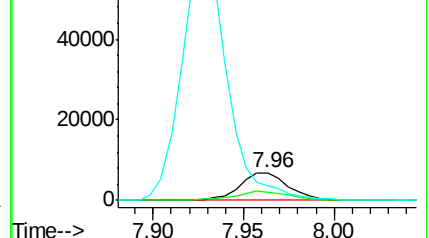
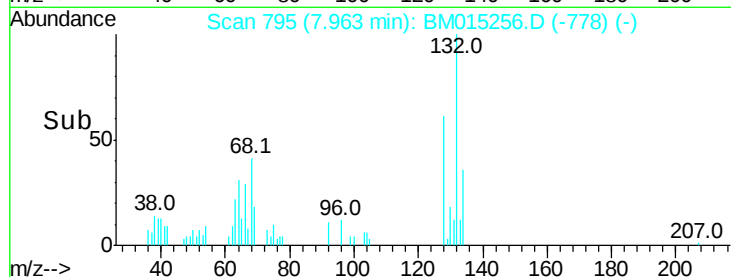
64 51.5 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 0.946 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

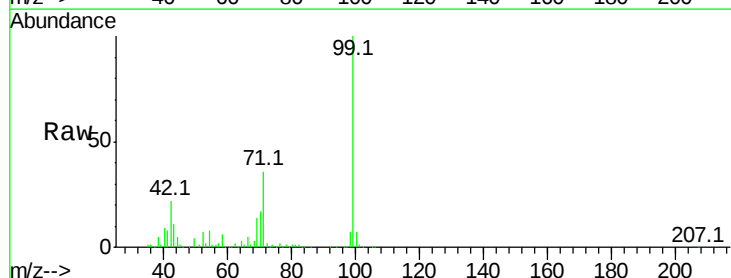
Tgt Ion: 77 Resp: 8862

Ion Ratio Lower Upper

77 100

105 49.4 78.8 118.8#

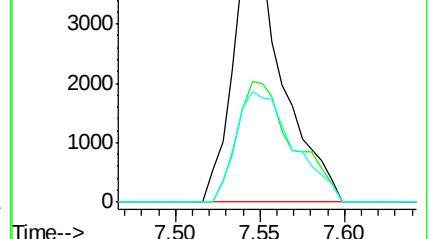
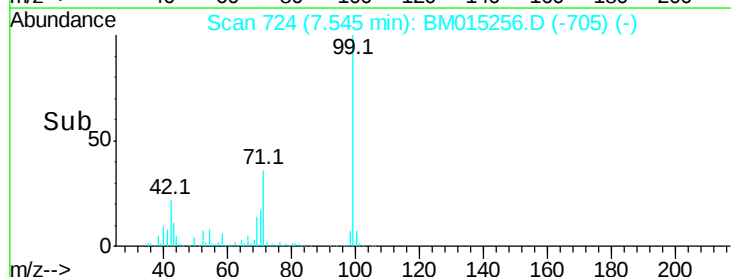
106 45.2 73.7 113.7#

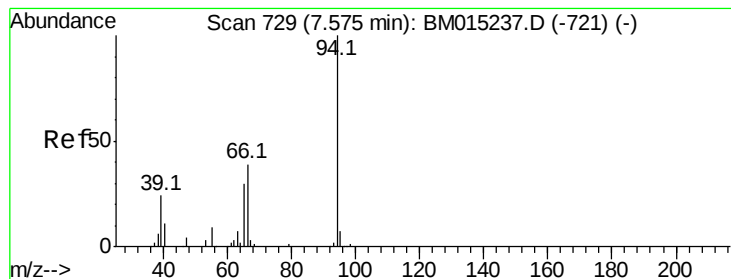


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.970 ng

RT: 7.57 min Scan# 728

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

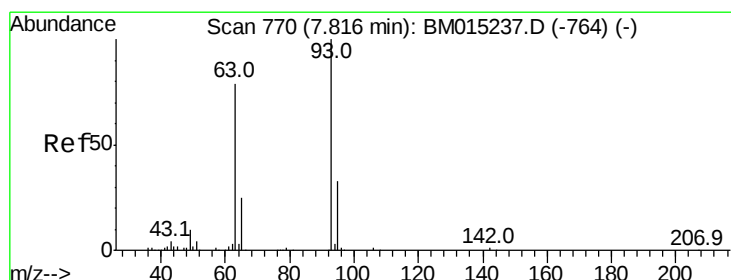
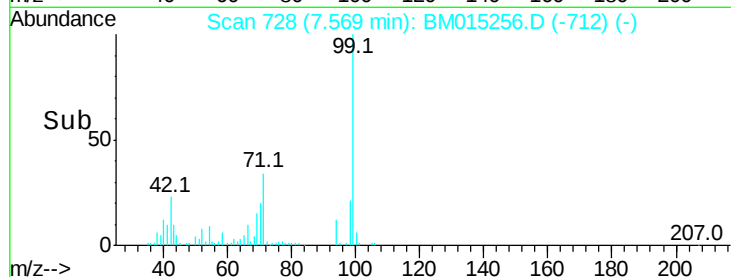
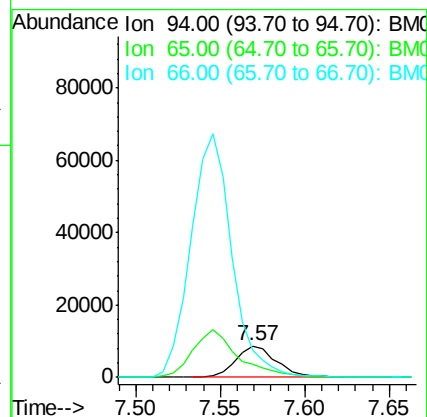
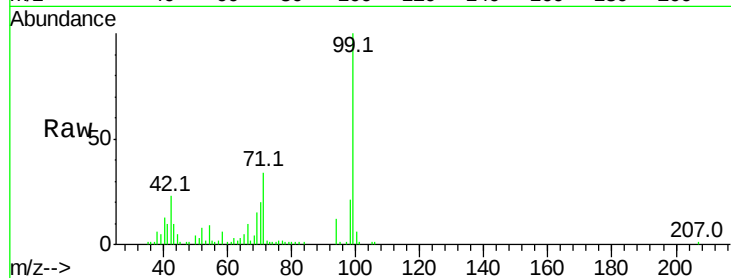
Tot Ion: 94 Resp: 14586

Ion Ratio Lower Upper

94 100

65 41.7 18.8 58.8

66 85.4 39.9 79.9#



#11

bis(2-Chloroethyl)ether

Concen: 1.003 ng

RT: 7.82 min Scan# 770

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

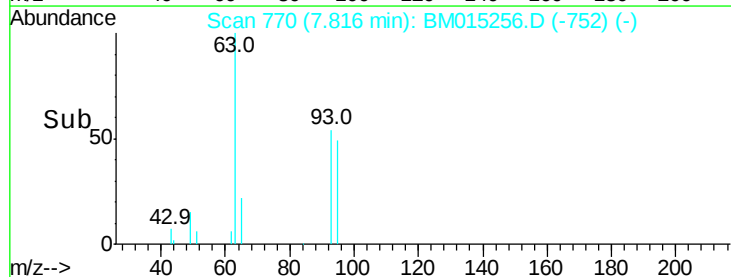
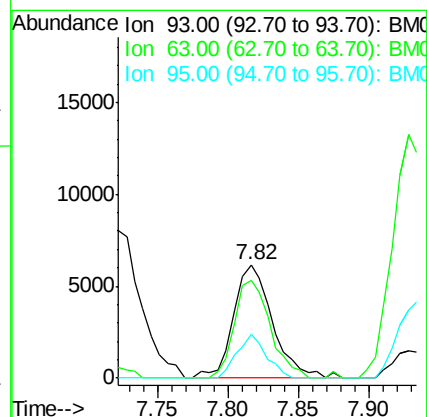
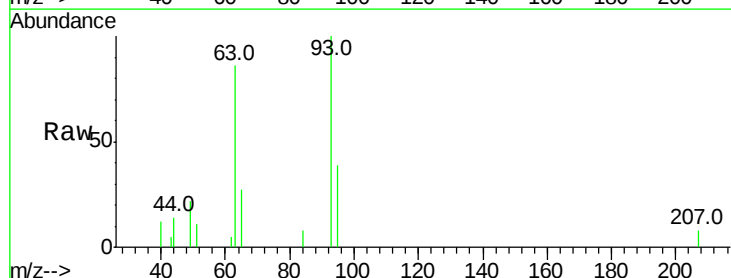
Tgt Ion: 93 Resp: 11961

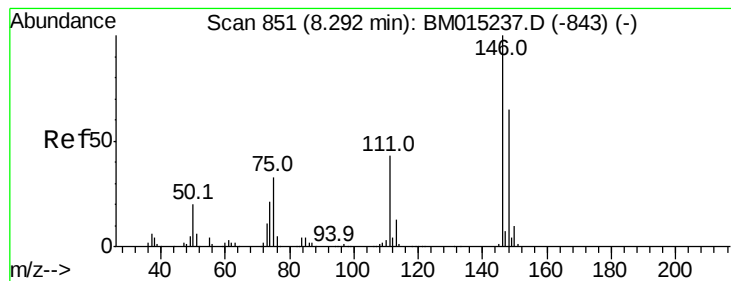
Ion Ratio Lower Upper

93 100

63 85.6 49.5 89.5

95 38.8 13.5 53.5





#12

1,3-Dichlorobenzene

Concen: 0.978 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

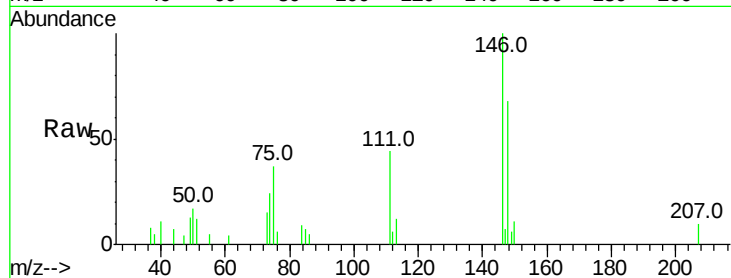
Tot Ion:146 Resp: 14302

Ion Ratio Lower Upper

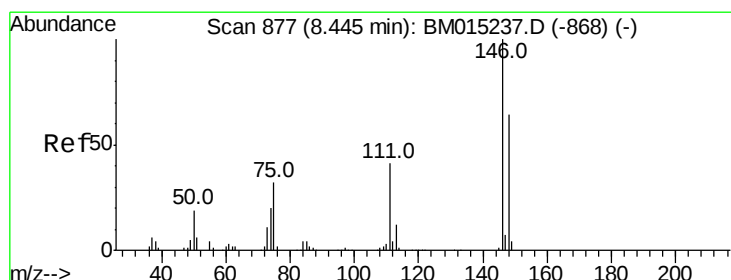
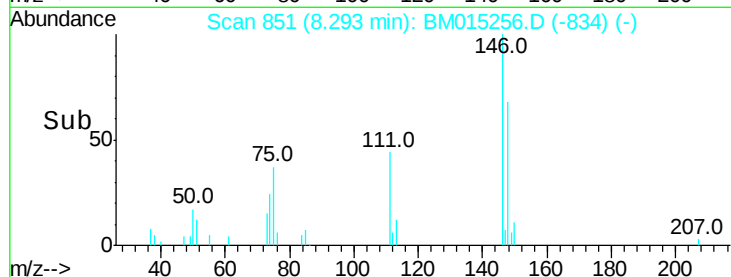
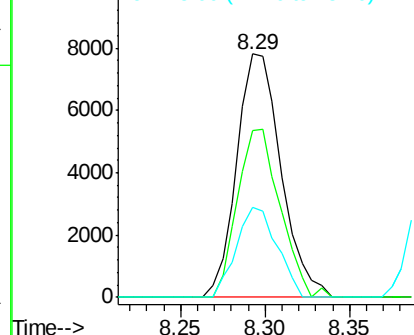
146 100

148 68.3 50.9 76.3

75 37.1 21.4 32.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 0.989 ng

RT: 8.44 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

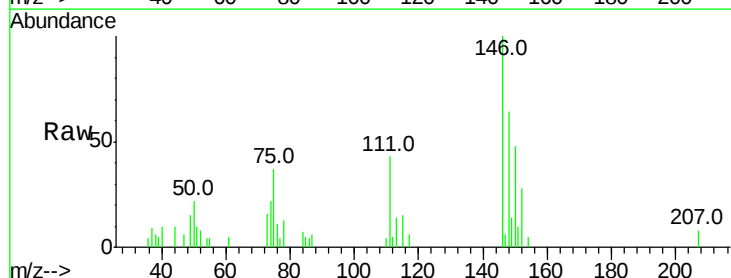
Tgt Ion:146 Resp: 14632

Ion Ratio Lower Upper

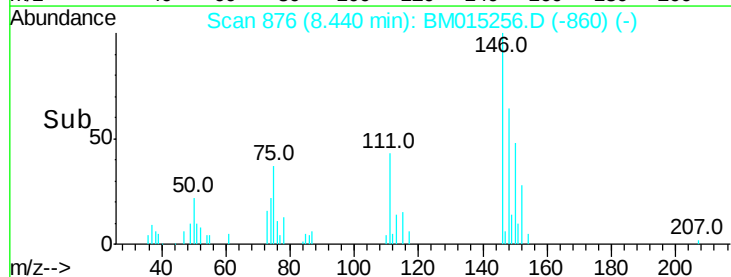
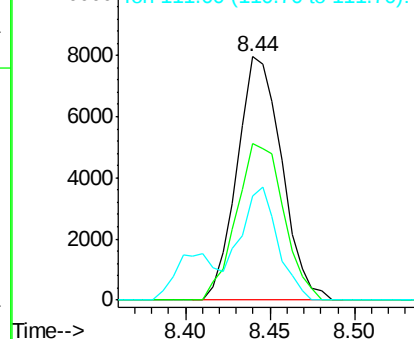
146 100

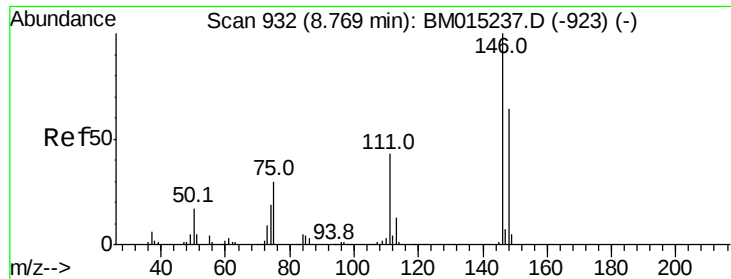
148 64.2 51.9 77.9

111 43.0 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

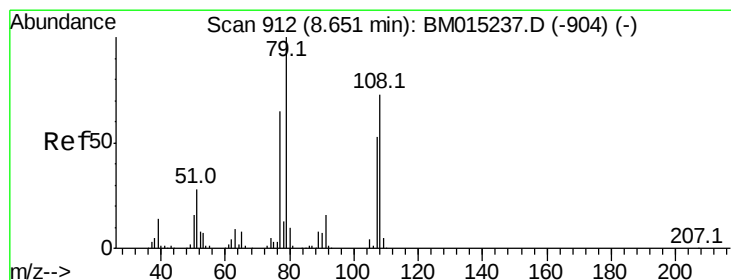
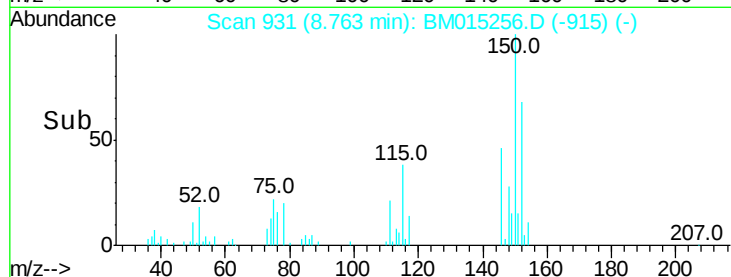
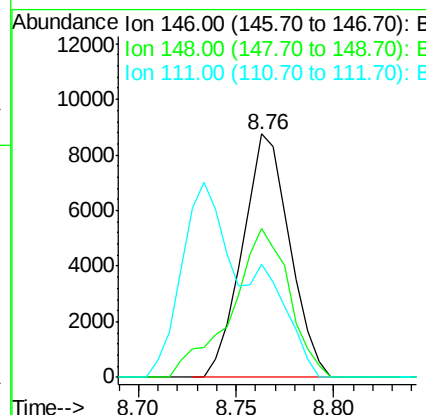
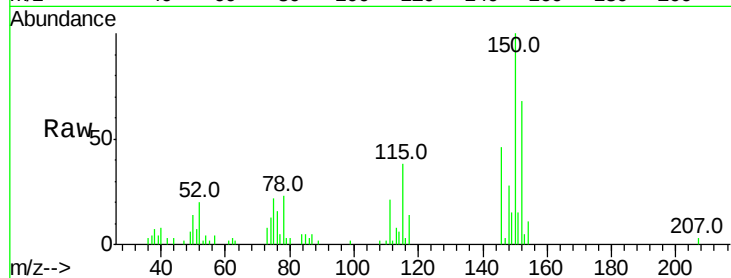




#14
 1,2-Dichlorobenzene
 Concen: 1.043 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

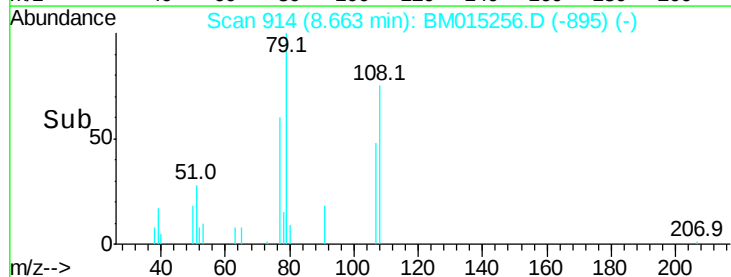
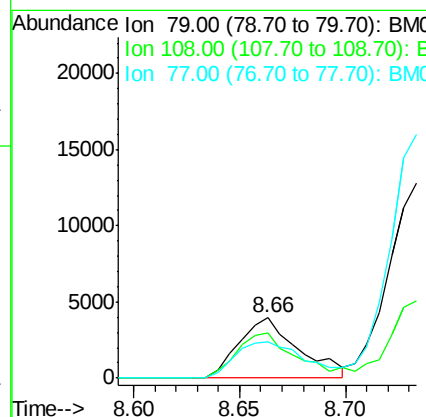
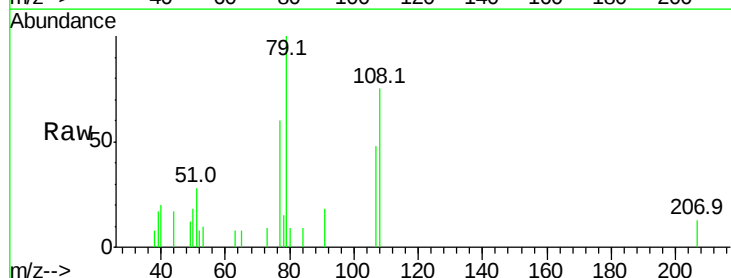
Instrument :
 BNA_M
 ClientSampled :

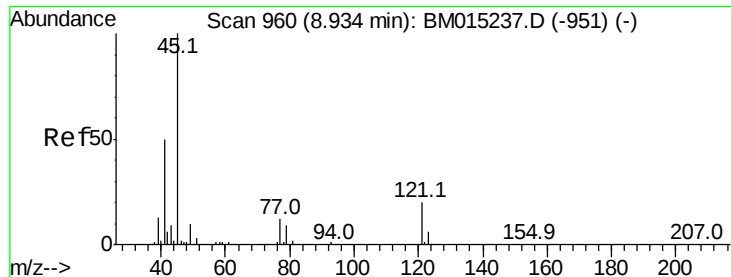
Tot Ion:146 Resp: 14643
 Ion Ratio Lower Upper
 146 100
 148 61.3 52.3 78.5
 111 46.3 30.6 45.8#



#15
 Benzyl Alcohol
 Concen: 0.725 ng
 RT: 8.66 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion: 79 Resp: 7759
 Ion Ratio Lower Upper
 79 100
 108 75.1 65.0 97.4
 77 59.5 53.0 79.6

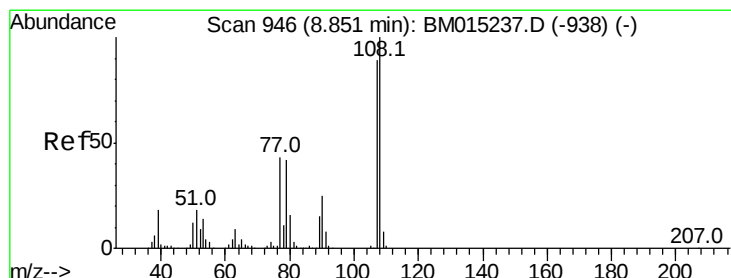
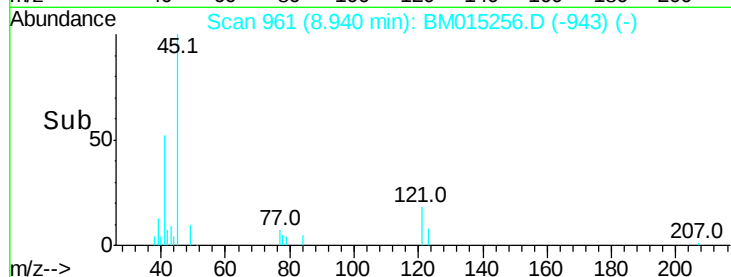
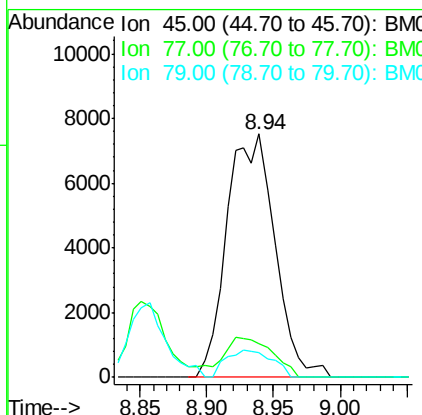
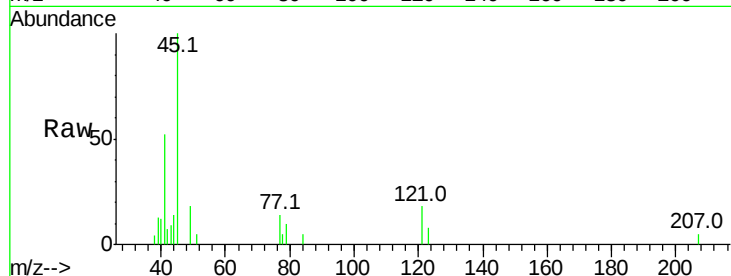




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.999 ng
RT: 8.94 min Scan# 961
Delta R.T. 0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

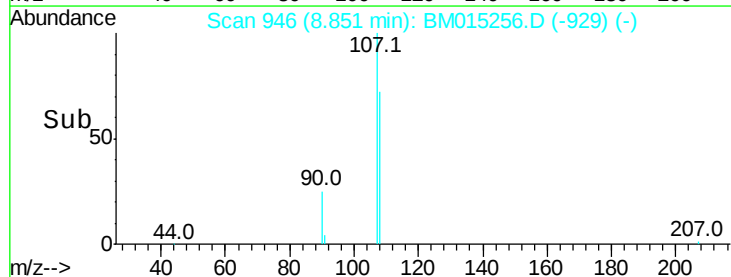
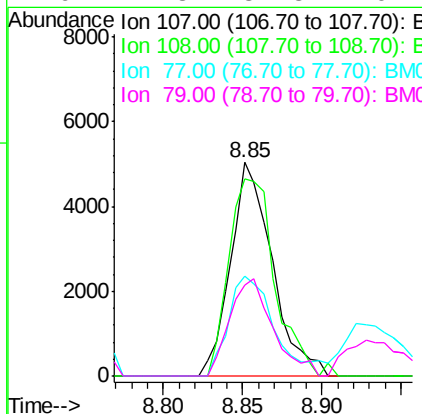
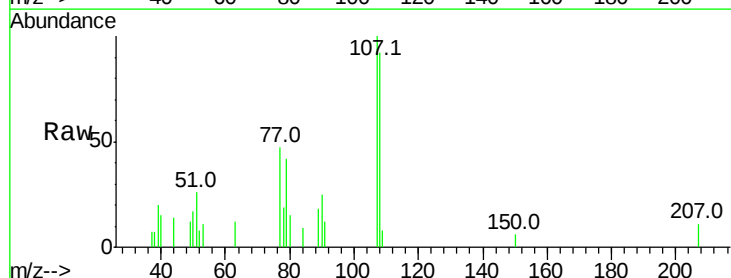
Instrument :
BNA_M
ClientSampled :

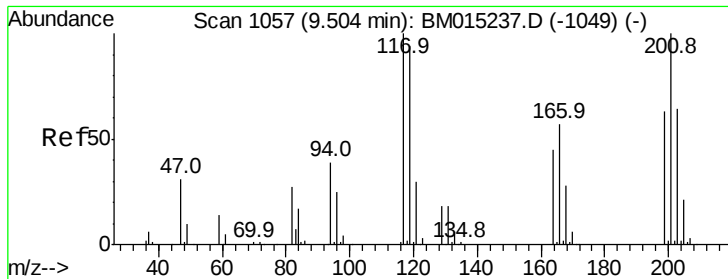
Tot Ion: 45 Resp: 18799
Ion Ratio Lower Upper
45 100
77 13.6 0.0 35.2
79 10.3 0.0 32.0



#17
2-Methylphenol
Concen: 0.923 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion: 107 Resp: 9227
Ion Ratio Lower Upper
107 100
108 92.4 89.8 134.8
77 46.8 32.6 48.8
79 42.3 32.8 49.2





#18

Hexachloroethane

Concen: 0.964 ng

RT: 9.50 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

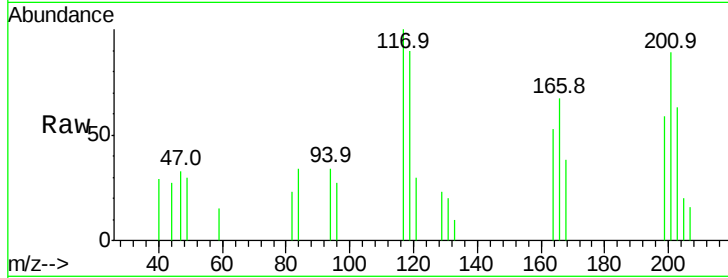
Tot Ion:117 Resp: 5062

Ion Ratio Lower Upper

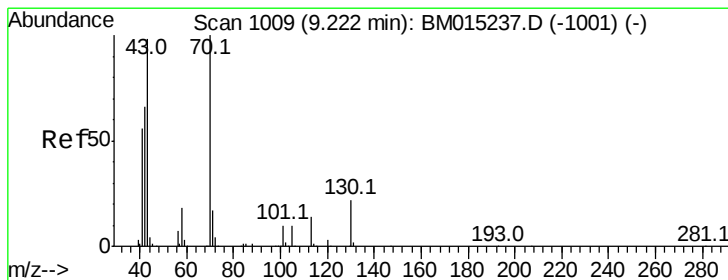
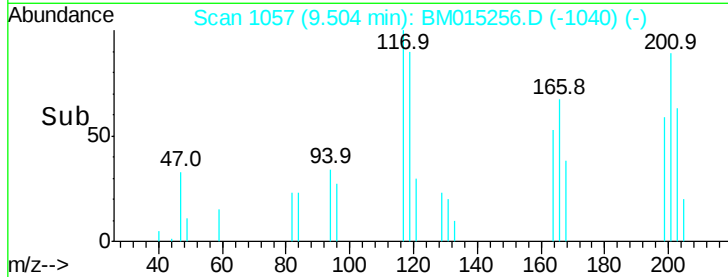
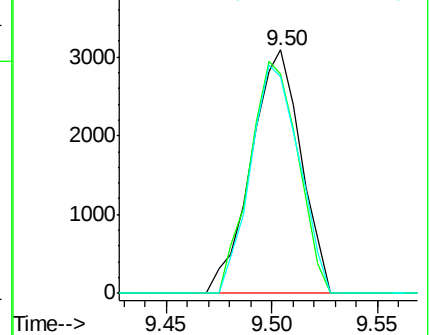
117 100

119 89.9 79.2 118.8

201 89.0 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: 0.790 ng

RT: 9.22 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Tgt Ion: 70 Resp: 7451

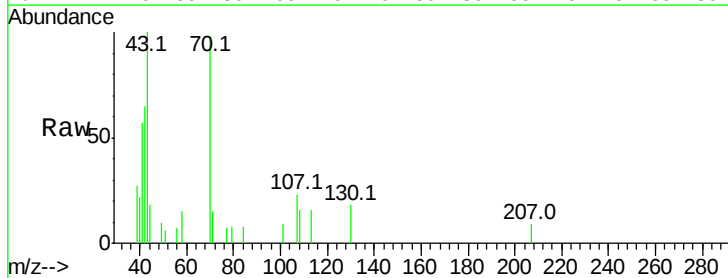
Ion Ratio Lower Upper

70 100

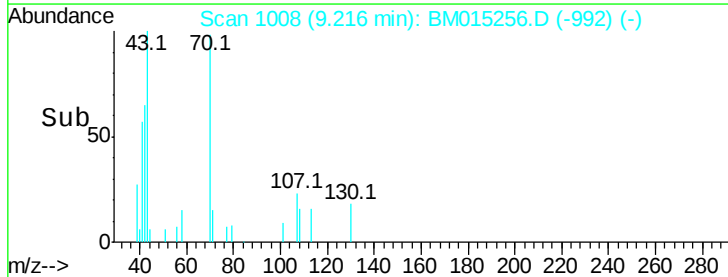
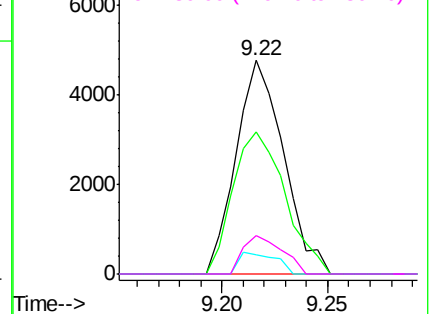
42 66.8 44.5 66.7#

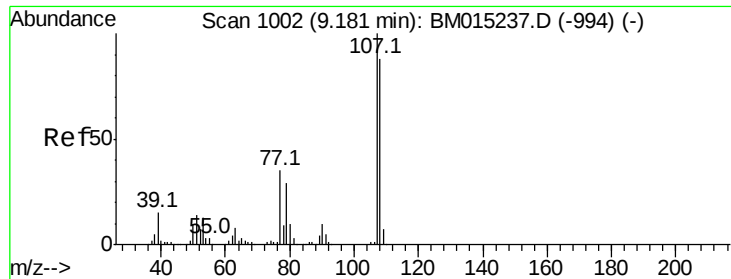
101 9.0 7.4 11.2

130 18.2 15.3 22.9



Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 0.860 ng

RT: 9.18 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

Tot Ion:107 Resp: 11417

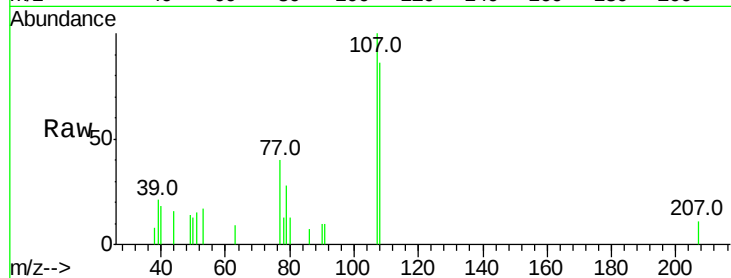
Ion Ratio Lower Upper

107 100

108 85.5 73.2 113.2

77 39.5 10.7 50.7

79 27.6 9.6 49.6

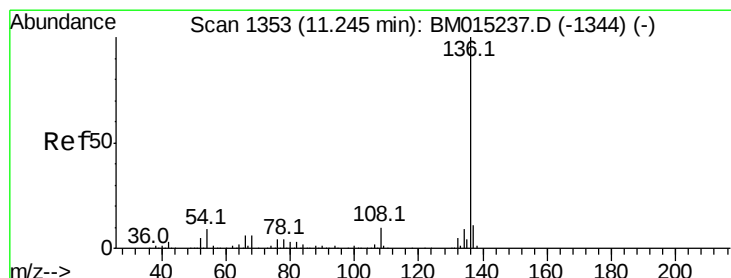
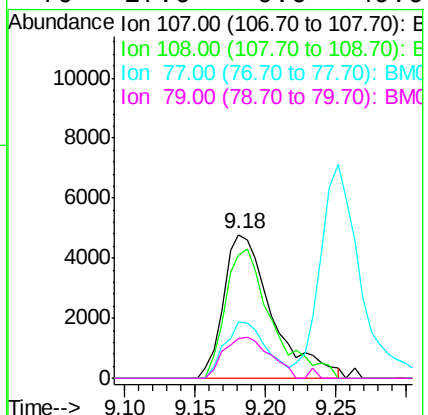
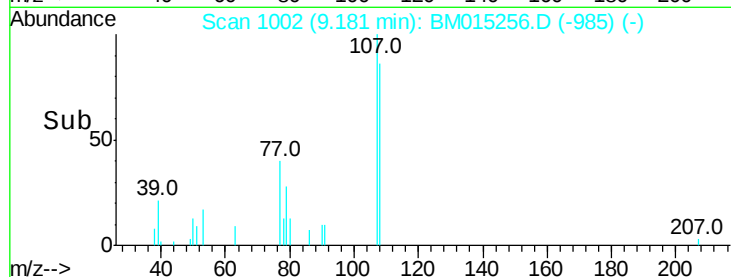


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.24 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Tgt Ion:136 Resp: 744859

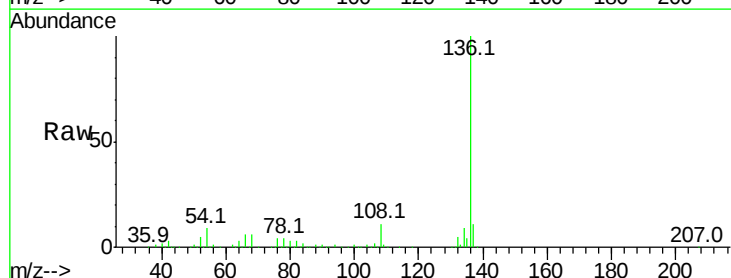
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.8 4.6 6.8#

68 6.2 3.7 5.5#

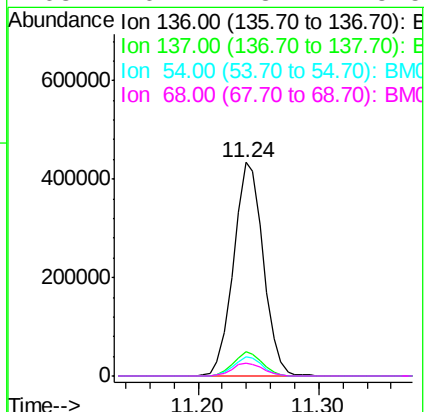
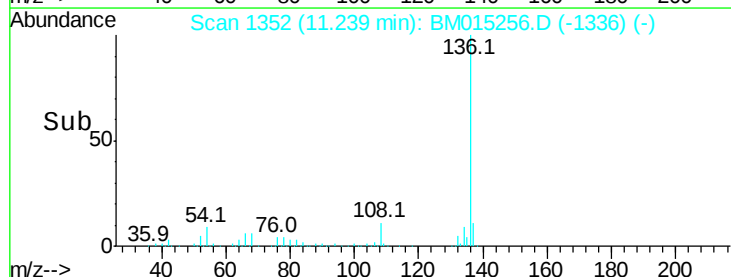


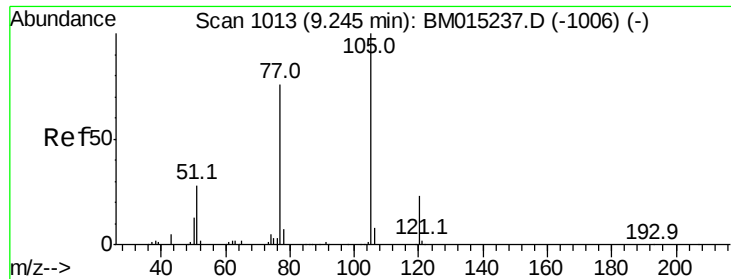
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 0.935 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.01 min

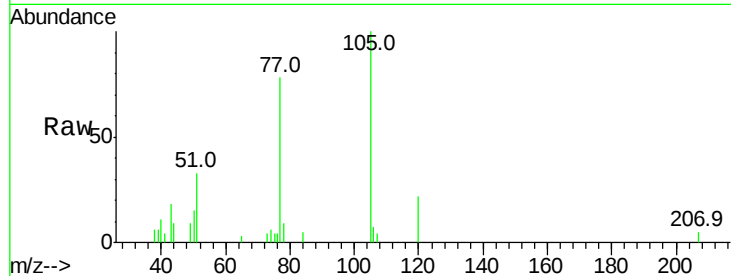
Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :



Tot Ion:105 Resp: 16712

Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 33.5 21.6 32.4#

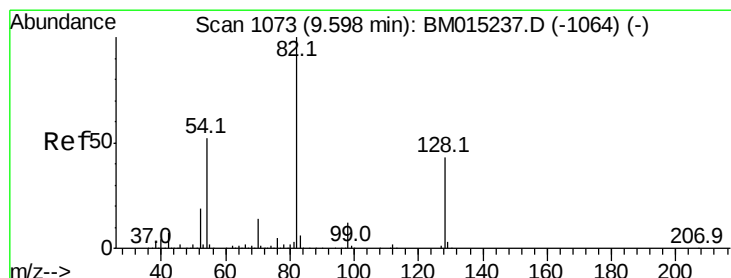
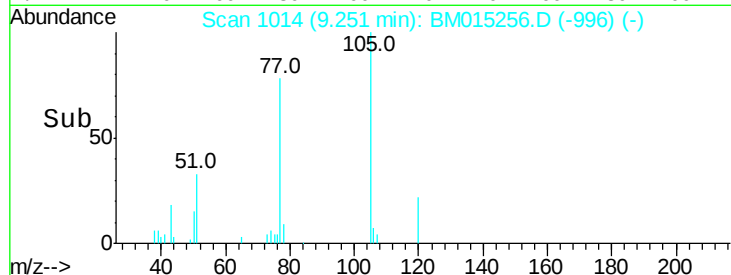
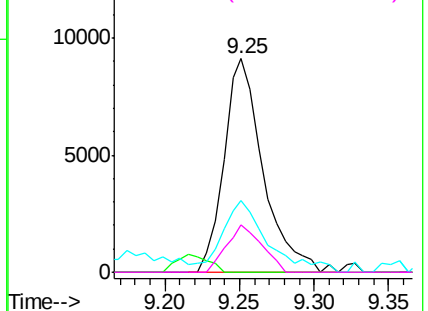
120 22.1 16.1 24.1

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 82.282 ng

RT: 9.59 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Tgt Ion: 82 Resp: 1118808

Ion Ratio Lower Upper

82 100

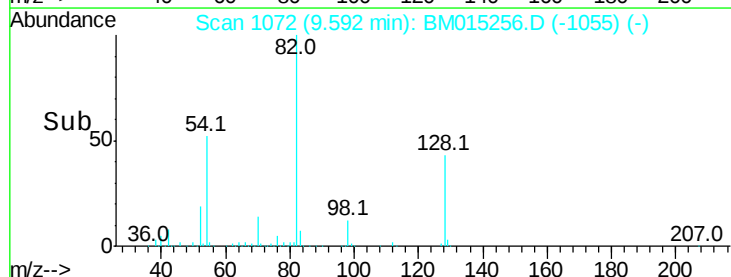
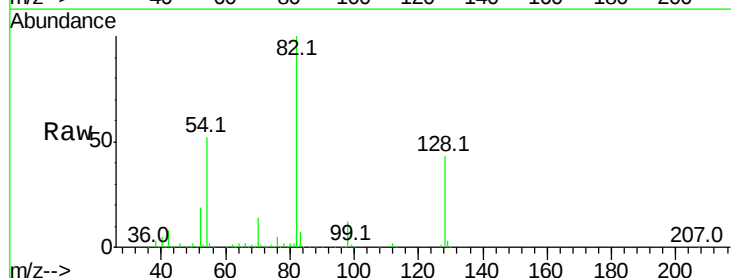
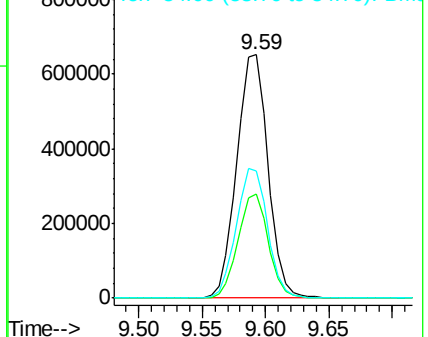
128 42.5 32.8 49.2

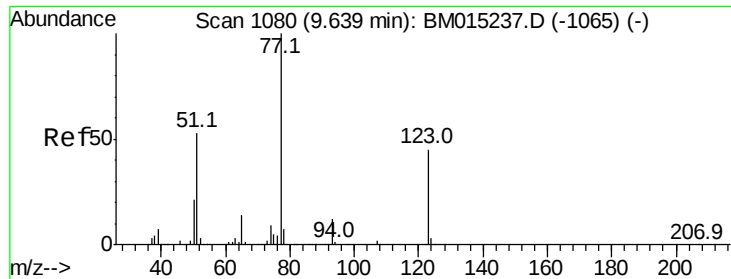
54 52.4 40.6 60.8

Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

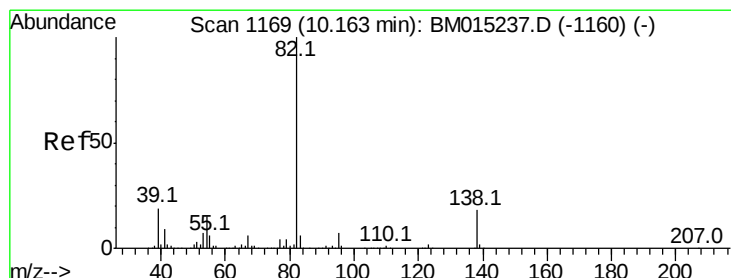
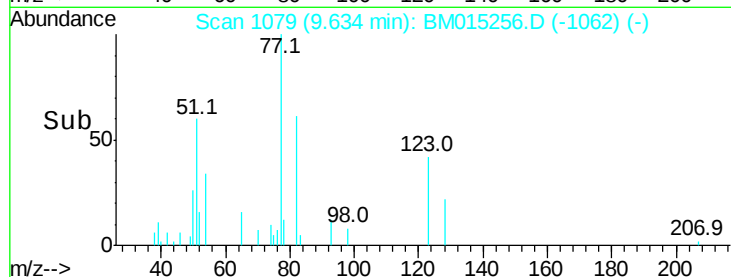
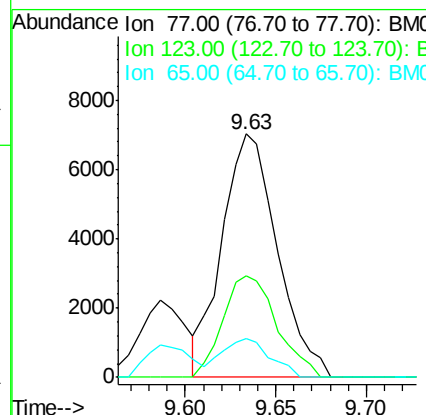
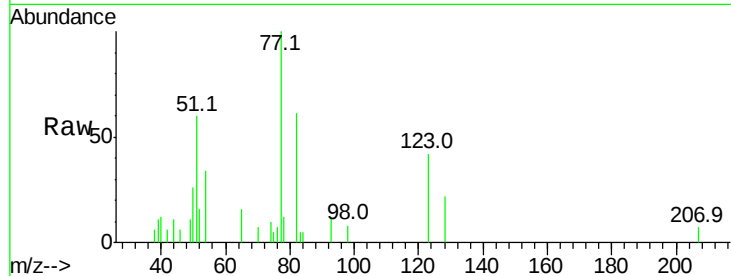




#24
Nitrobenzene
Concen: 1.051 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

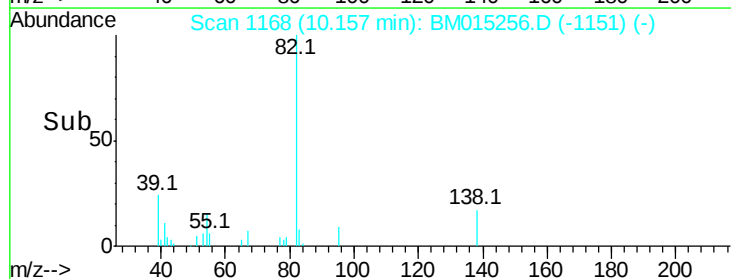
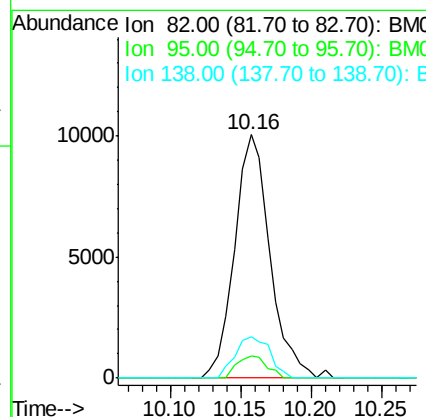
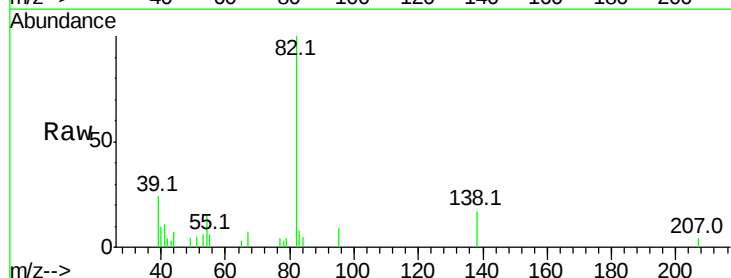
Instrument :
BNA_M
ClientSampleId :

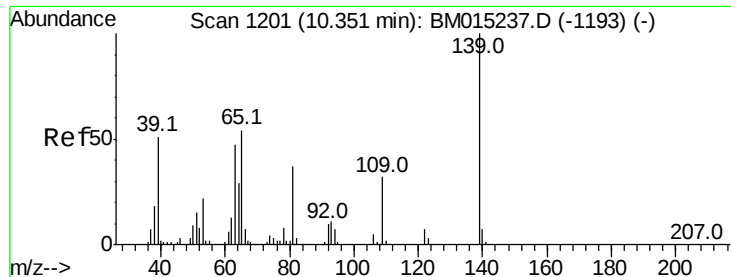
Tot Ion	Ratio	Lower	Upper
77	100		
123	41.7	32.6	49.0
65	16.0	10.9	16.3



#25
Isophorone
Concen: 0.754 ng
RT: 10.16 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.0	5.8	8.6#
138	17.1	16.3	24.5





#26

2-Nitrophenol

Concen: 0.538 ng

RT: 10.36 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

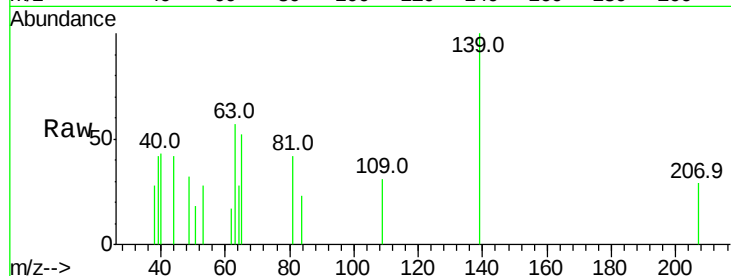
Tot Ion:139 Resp: 3419

Ion Ratio Lower Upper

139 100

109 31.4 20.1 30.1#

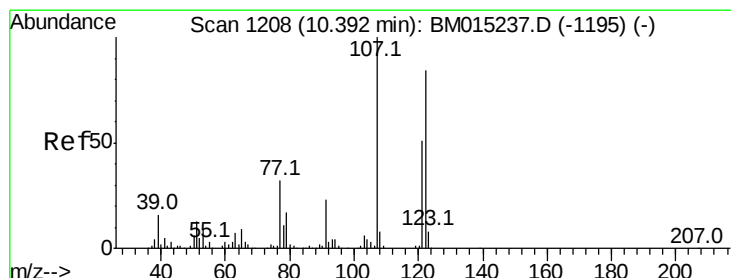
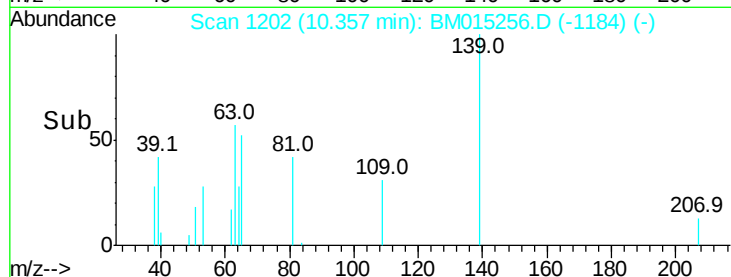
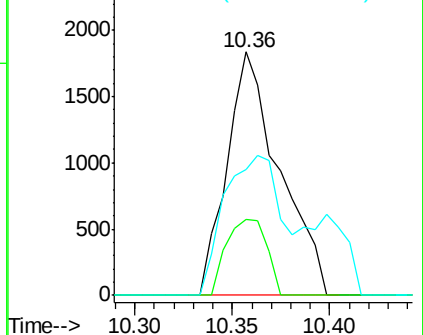
65 51.9 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#27

2,4-Dimethylphenol

Concen: 0.570 ng

RT: 10.40 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

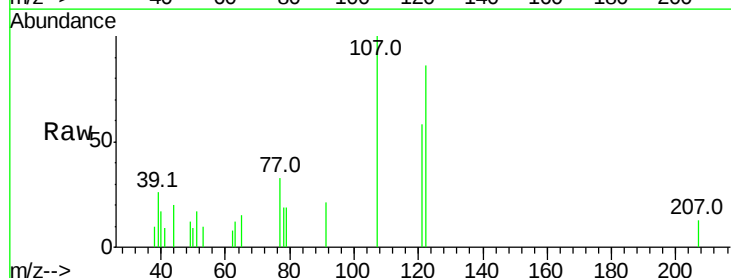
Tgt Ion:122 Resp: 6569

Ion Ratio Lower Upper

122 100

107 115.9 84.7 127.1

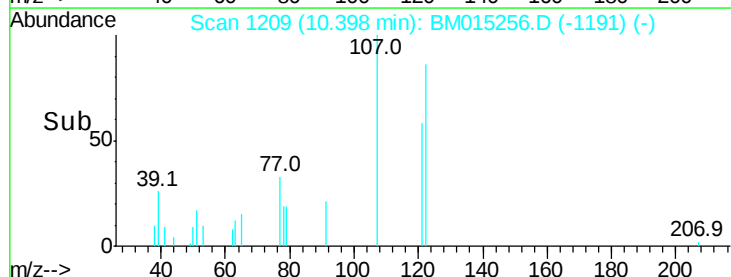
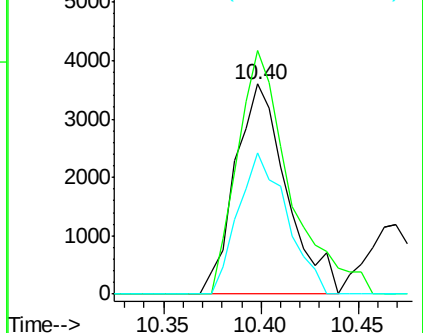
121 66.9 46.6 69.8

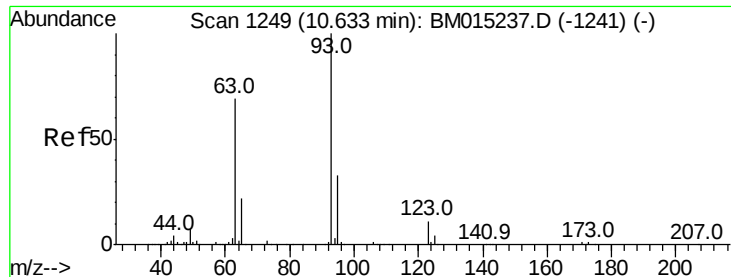


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

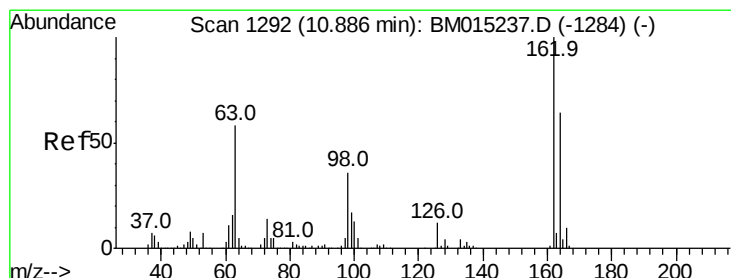
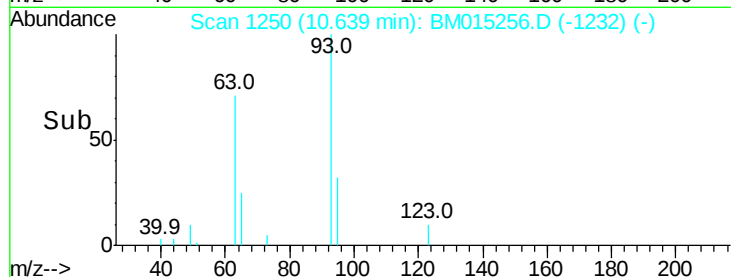
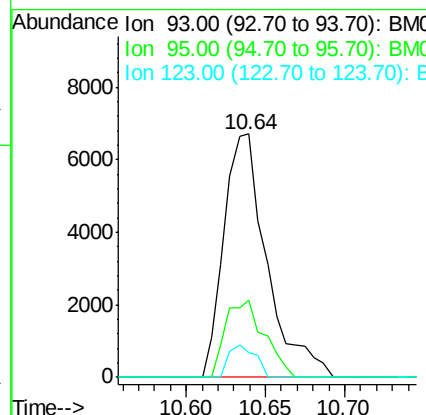
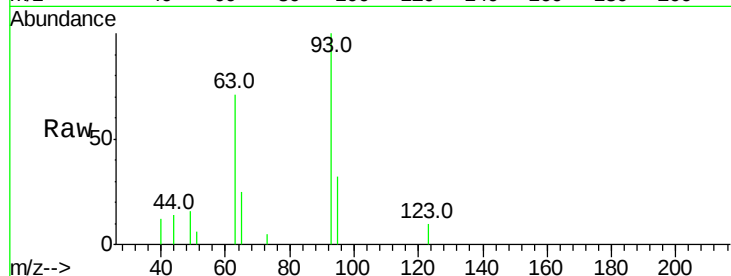




#28
bis(2-Chloroethoxy)methane
Concen: 0.827 ng
RT: 10.64 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

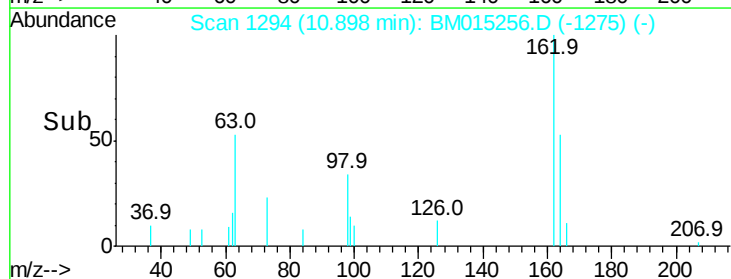
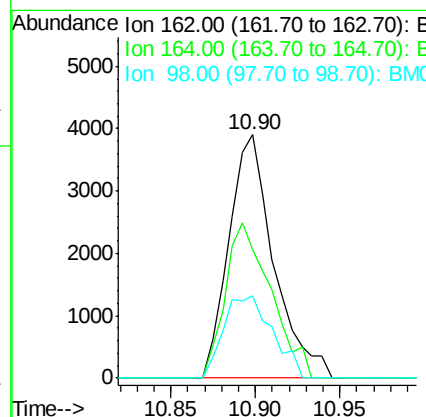
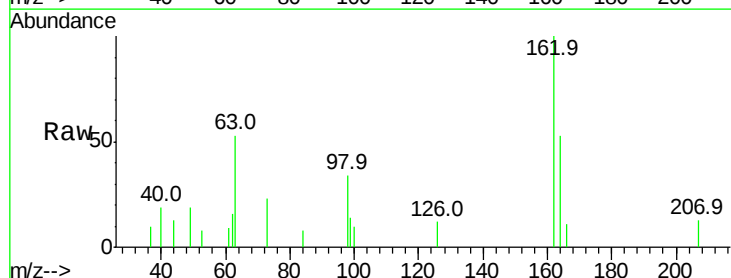
Instrument :
BNA_M
ClientSampleId :

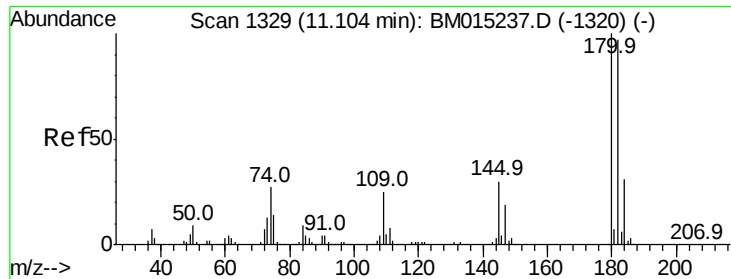
Tot Ion: 93 Resp: 12647
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 10.0 8.6 13.0



#29
2,4-Dichlorophenol
Concen: 0.661 ng
RT: 10.90 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion: 162 Resp: 7212
Ion Ratio Lower Upper
162 100
164 52.5 42.8 82.8
98 33.6 14.5 54.5

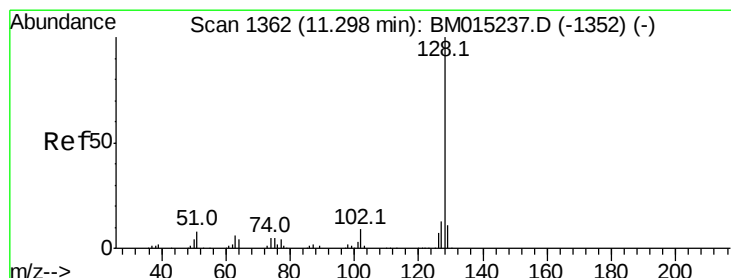
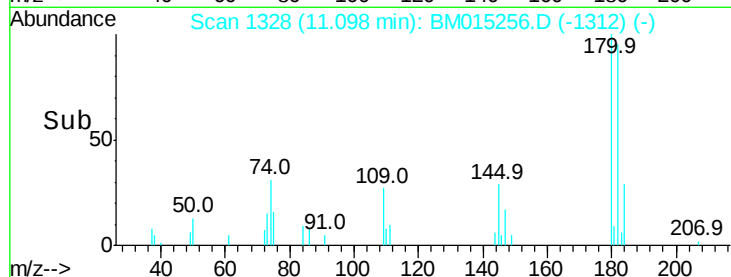
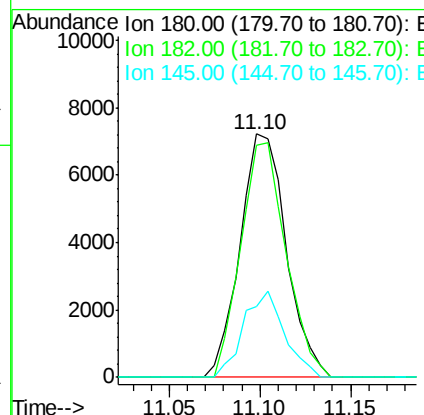
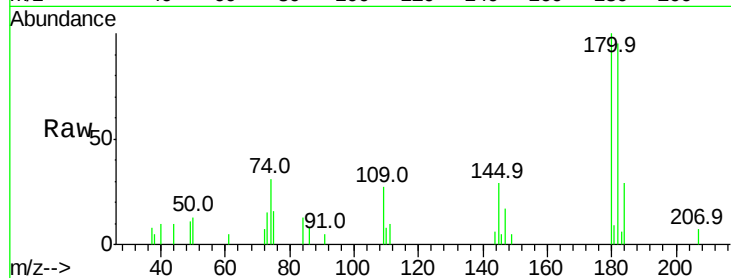




#30
 1,2,4-Trichlorobenzene
 Concen: 0.997 ng
 RT: 11.10 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

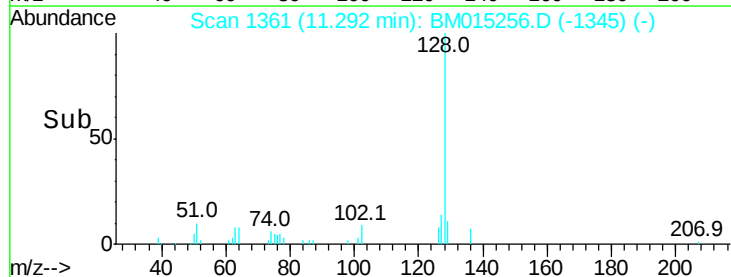
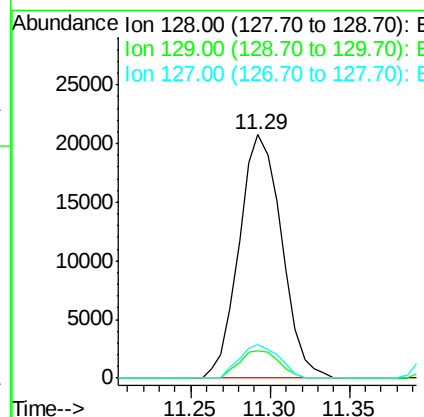
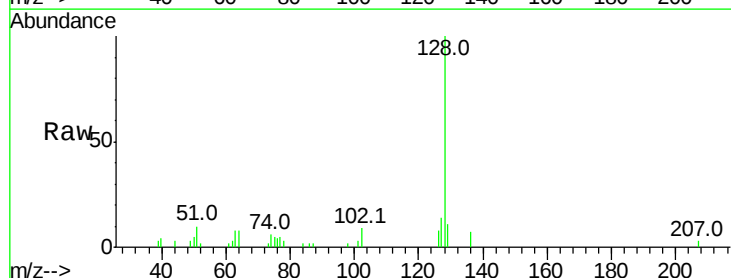
Instrument :
 BNA_M
 ClientSampleId :

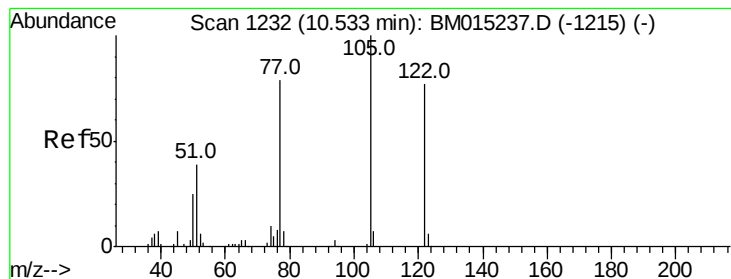
Tot Ion:180 Resp: 12813
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.6 116.4
 145 29.2 23.4 35.2



#31
 Naphthalene
 Concen: 1.000 ng
 RT: 11.29 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion:128 Resp: 38699
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.9 13.3
 127 13.8 10.4 15.6





#32

Benzoic acid

Concen: 0.068 ng

RT: 10.53 min Scan# 1231

Delta R.T. 0.01 min

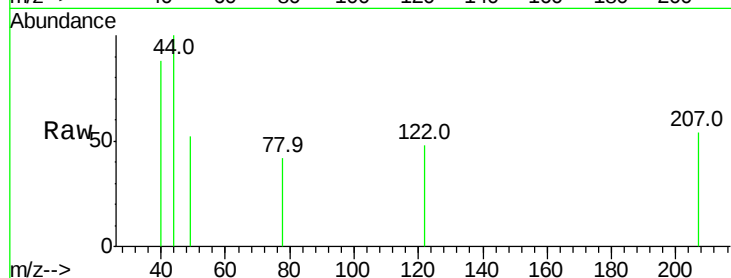
Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :



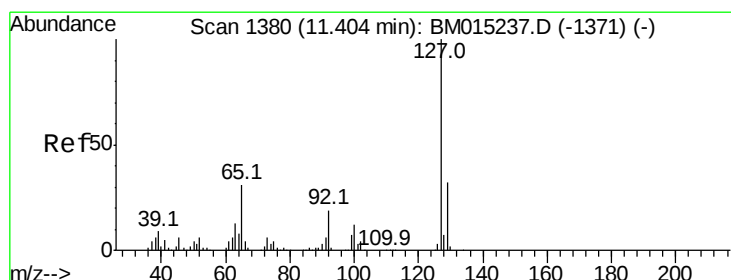
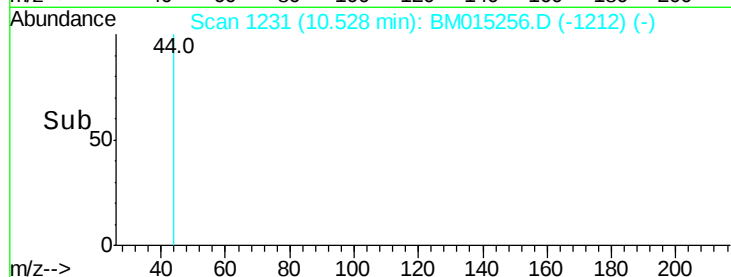
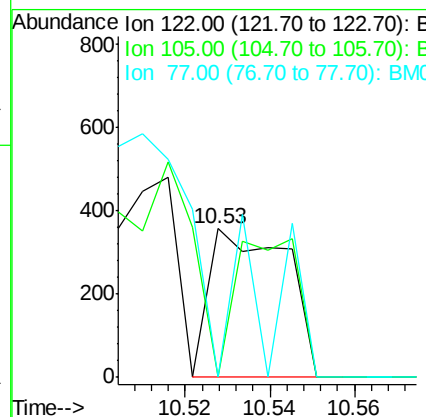
Tot Ion:122 Resp: 451

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

77 0.0 73.7 113.7#



#33

4-Chloroaniline

Concen: 0.735 ng

RT: 11.41 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Tgt Ion:127 Resp: 11361

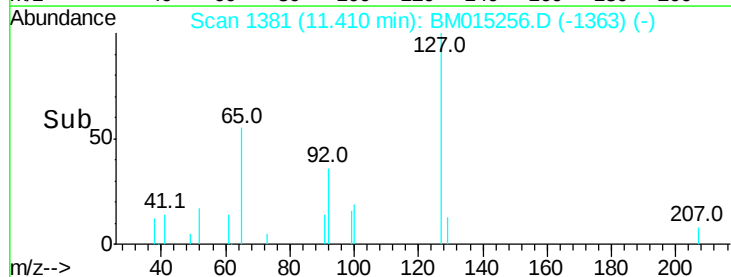
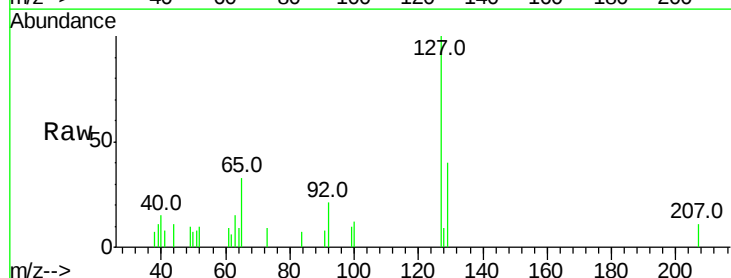
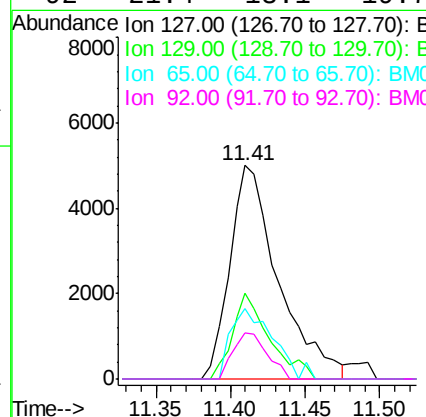
Ion Ratio Lower Upper

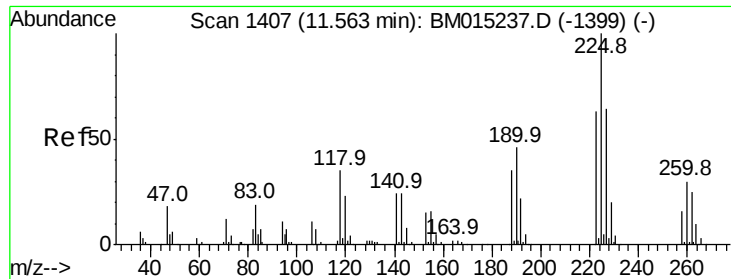
127 100

129 40.0 25.3 37.9#

65 33.0 17.6 26.4#

92 21.4 13.1 19.7#

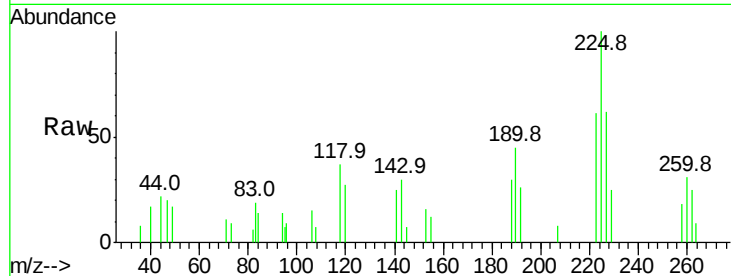




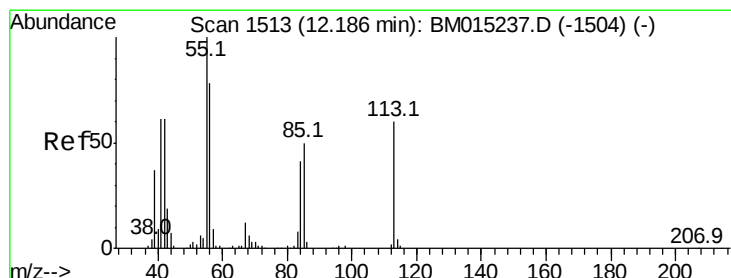
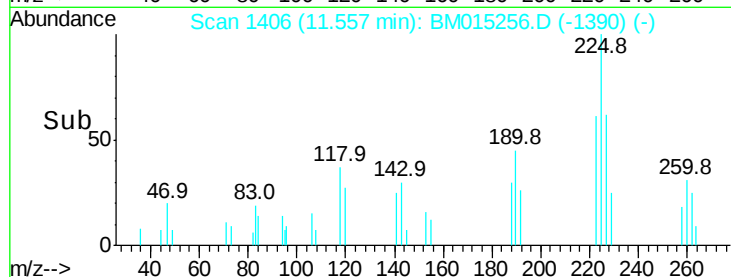
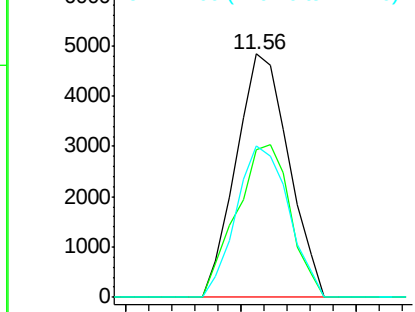
#34
Hexachlorobutadiene
Concen: 1.007 ng
RT: 11.56 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:225 Resp: 7696
Ion Ratio Lower Upper
225 100
223 60.5 47.9 71.9
227 62.2 50.1 75.1

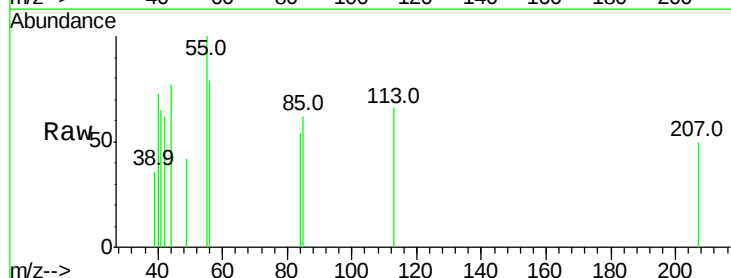


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

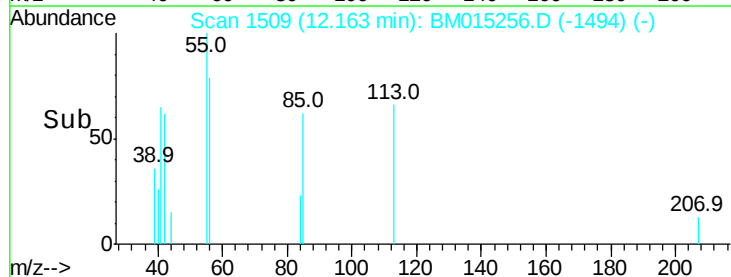
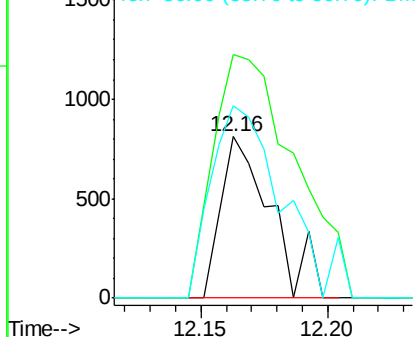


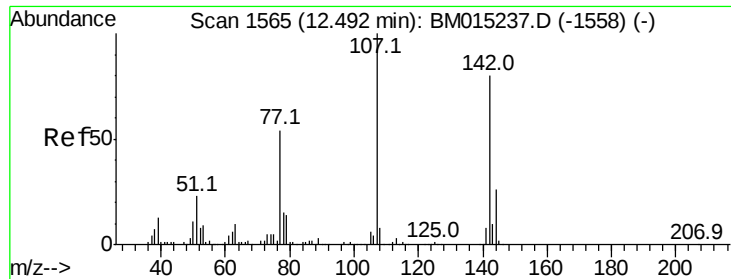
#35
Caprolactam
Concen: 0.364 ng
RT: 12.16 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion:113 Resp: 1124
Ion Ratio Lower Upper
113 100
55 151.0 145.9 185.9
56 119.6 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

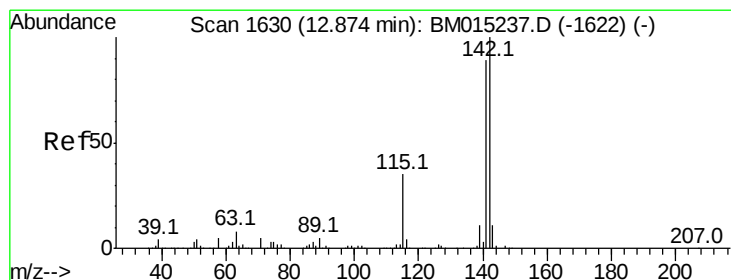
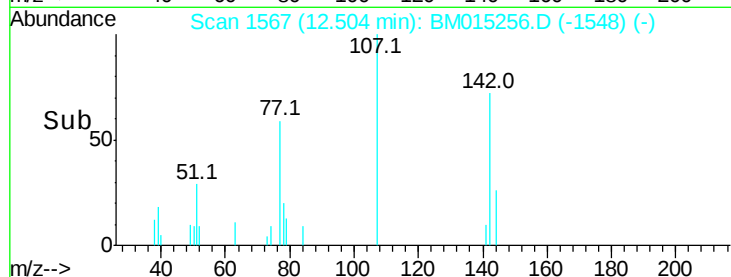
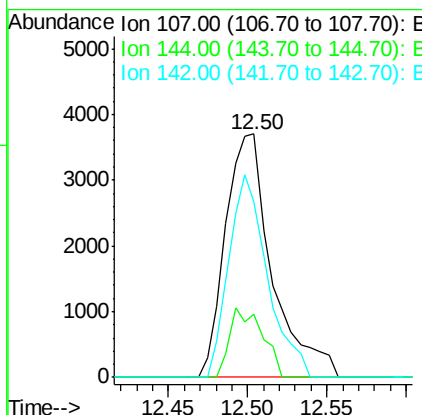
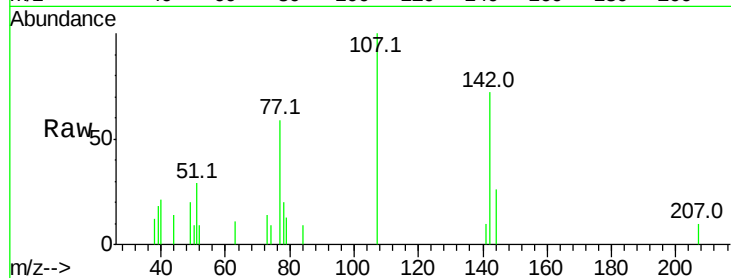




#36
 4-Chloro-3-methylphenol
 Concen: 0.678 ng
 RT: 12.50 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

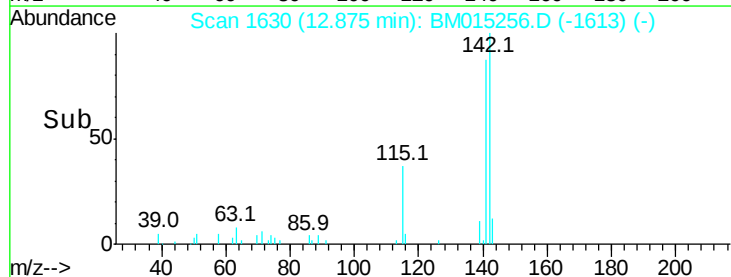
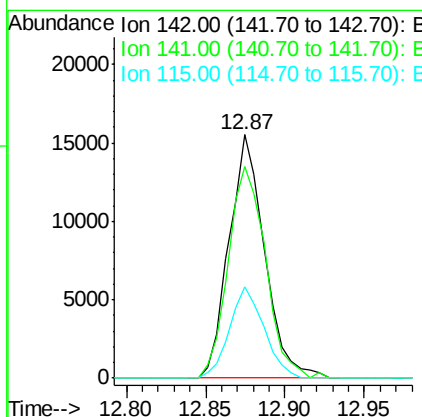
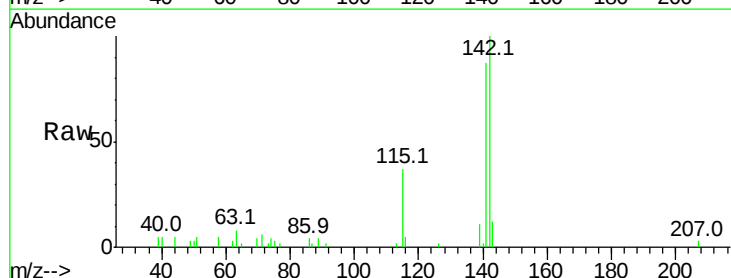
Instrument :
 BNA_M
 ClientSampleId :

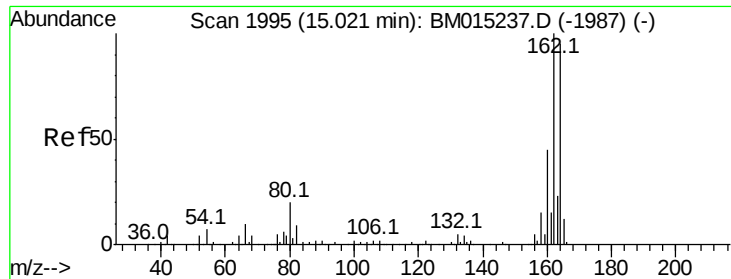
Tot Ion:107 Resp: 7552
 Ion Ratio Lower Upper
 107 100
 144 26.2 23.3 34.9
 142 71.9 72.6 109.0#



#37
 2-Methylnaphthalene
 Concen: 0.897 ng
 RT: 12.87 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion:142 Resp: 24072
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.9 107.9
 115 37.3 25.4 38.0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.02 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

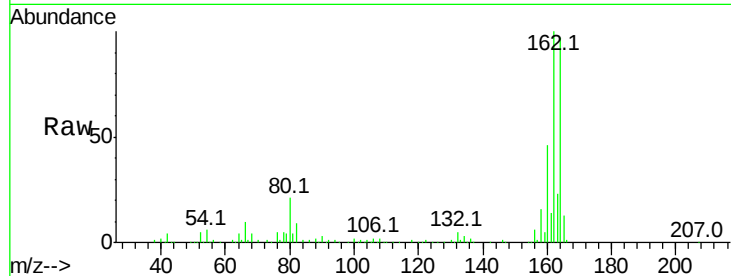
Tot Ion:164 Resp: 383281

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

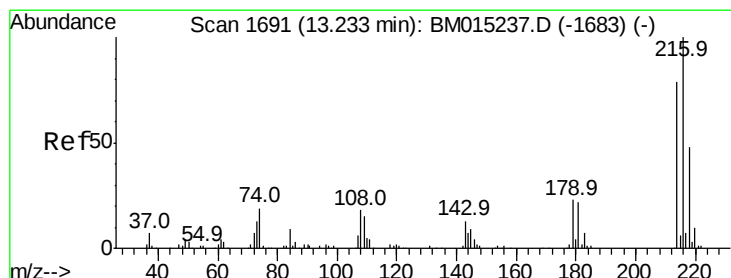
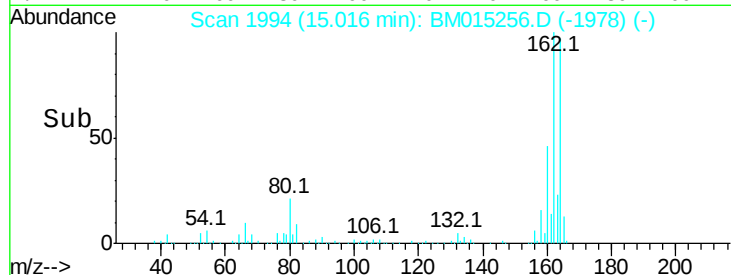
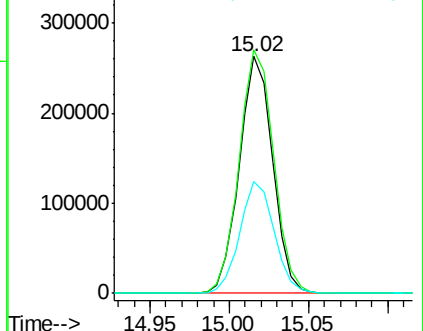
160 46.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.942 ng

RT: 13.23 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Tgt Ion:216 Resp: 12718

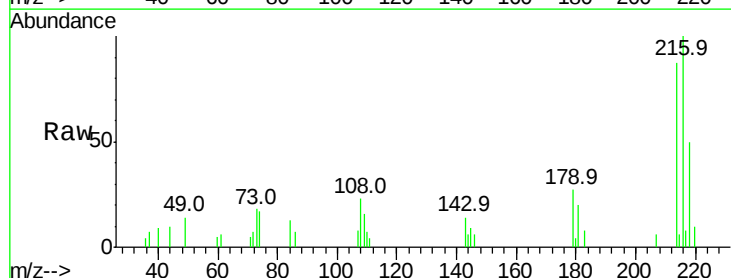
Ion Ratio Lower Upper

216 100

214 83.3 0.0 0.0#

179 22.3 0.0 0.0#

108 17.7 0.0 0.0#

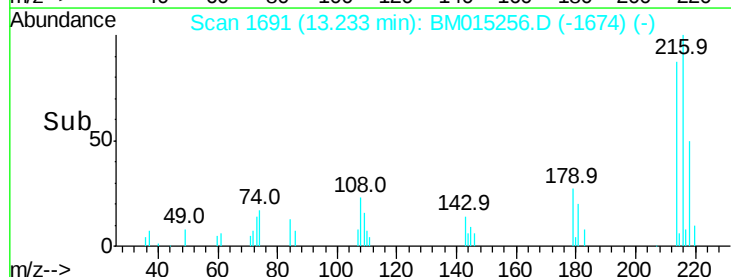
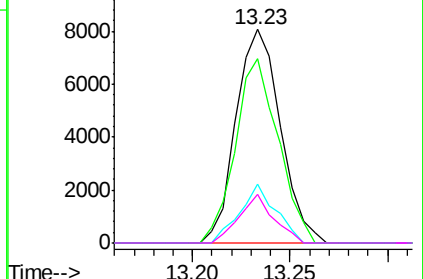


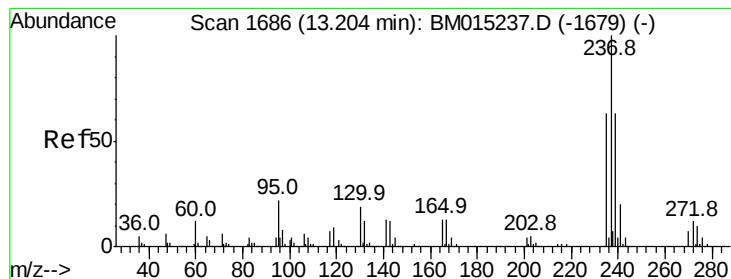
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 5.477 ng

RT: 13.20 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

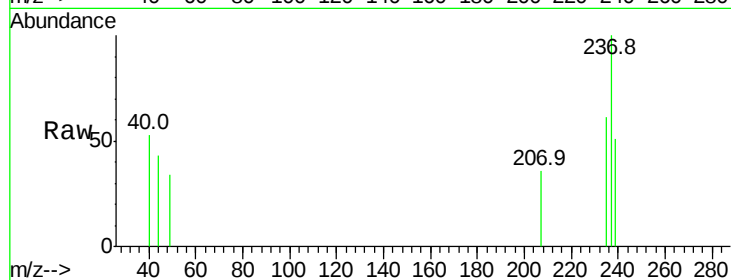
Tot Ion:237 Resp: 1940

Ion Ratio Lower Upper

237 100

235 60.5 42.0 82.0

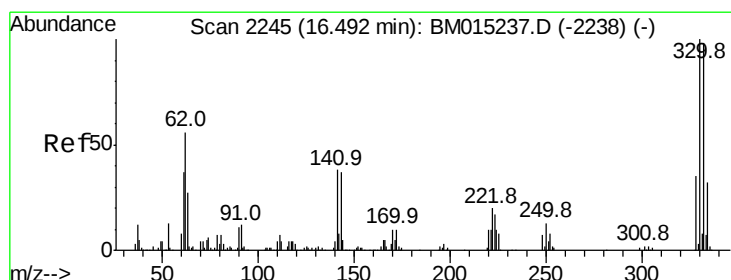
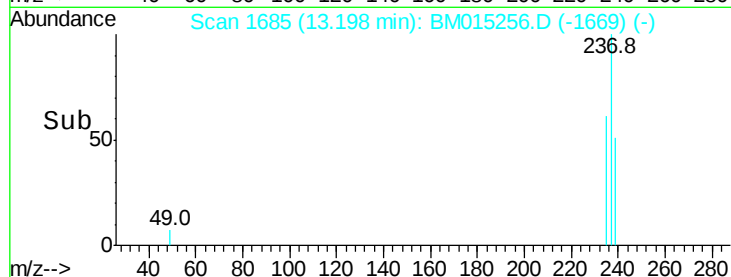
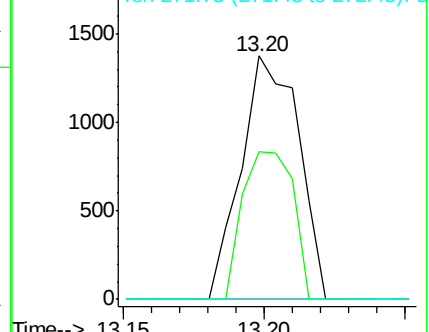
272 0.0 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 140.600 ng

RT: 16.49 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

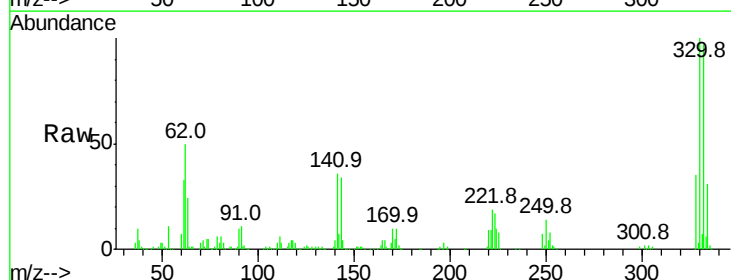
Tgt Ion:330 Resp: 675755

Ion Ratio Lower Upper

330 100

332 97.2 0.0 0.0#

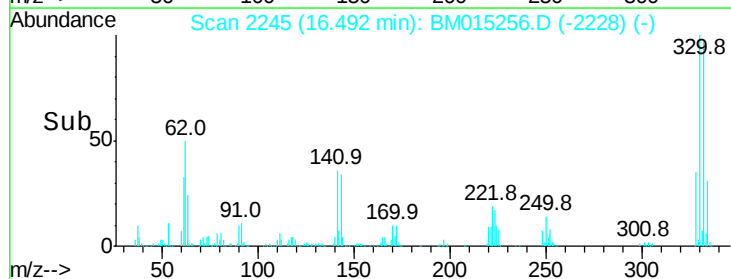
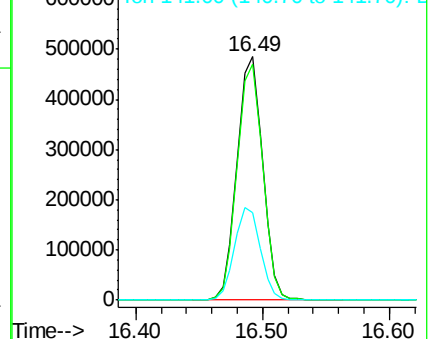
141 38.8 0.0 0.0#

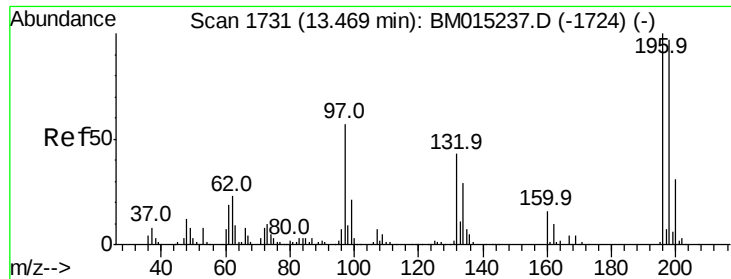


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

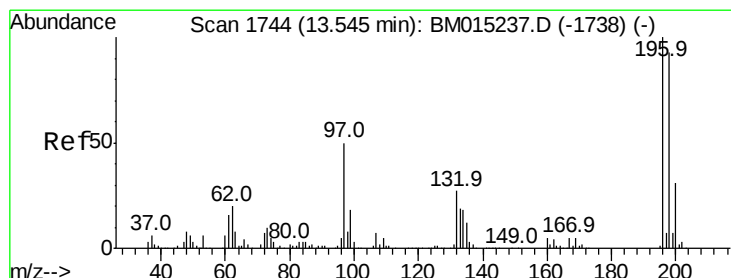
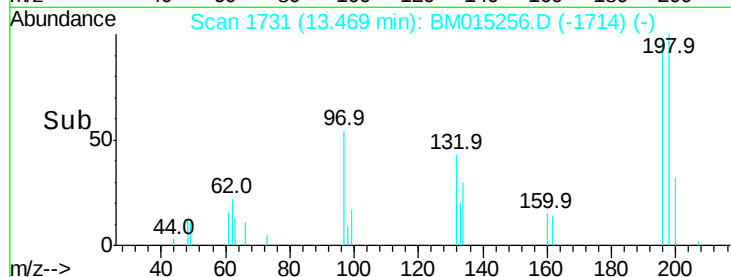
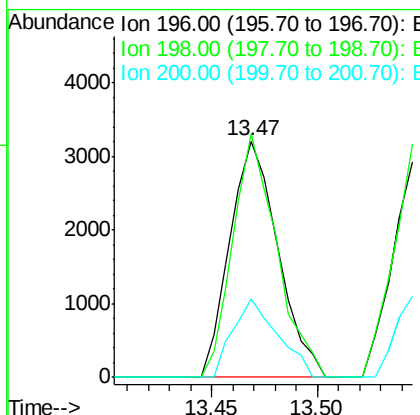
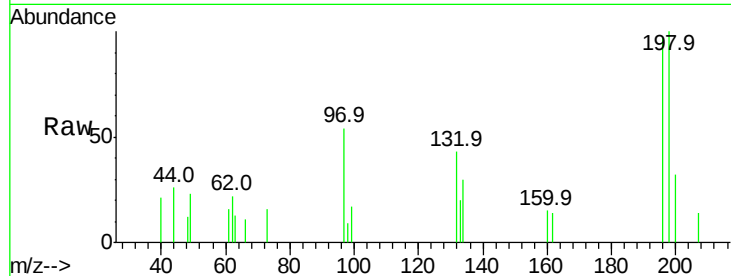




#42
 2,4,6-Trichlorophenol
 Concen: 0.624 ng
 RT: 13.47 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

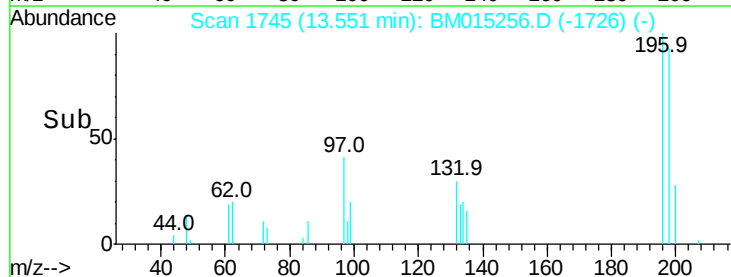
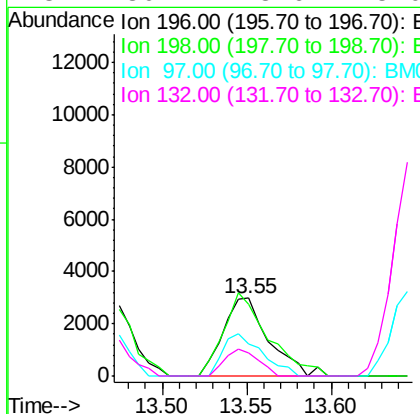
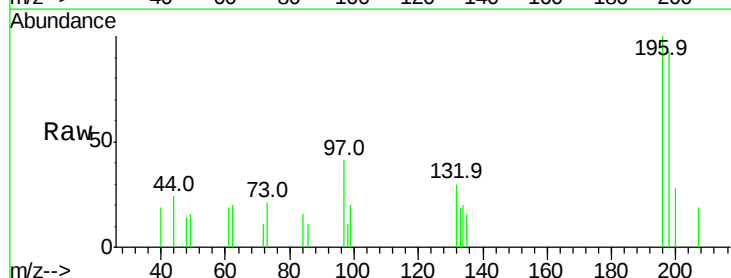
Instrument :
 BNA_M
 ClientSampleId :

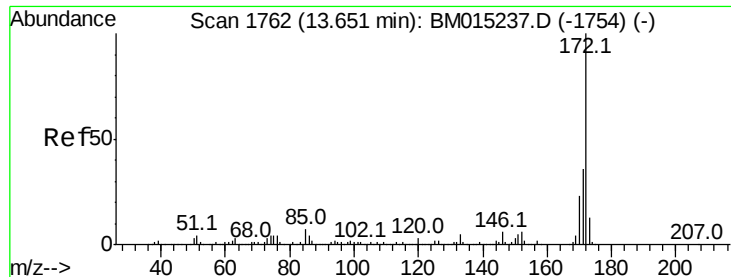
Tot Ion:196 Resp: 5064
 Ion Ratio Lower Upper
 196 100
 198 103.2 76.3 114.5
 200 33.3 25.6 38.4



#43
 2,4,5-Trichlorophenol
 Concen: 0.633 ng
 RT: 13.55 min Scan# 1745
 Delta R.T. 0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion:196 Resp: 5544
 Ion Ratio Lower Upper
 196 100
 198 92.7 79.4 119.0
 97 41.1 26.8 40.2#
 132 30.1 18.6 28.0#

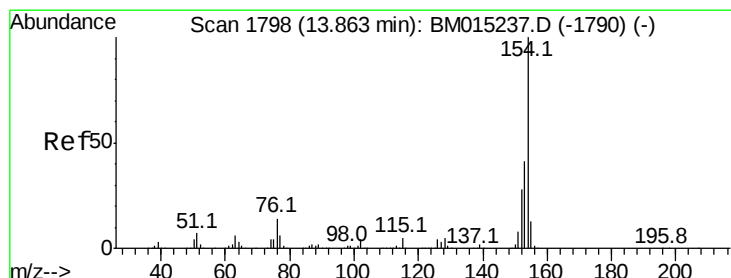
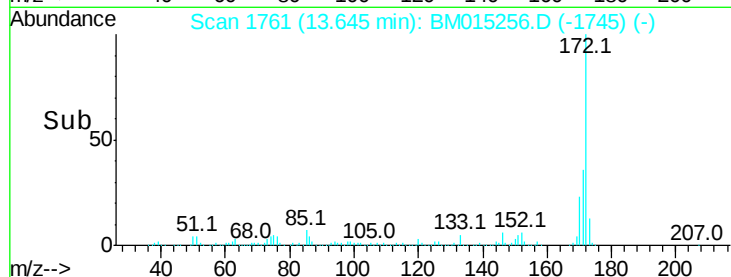
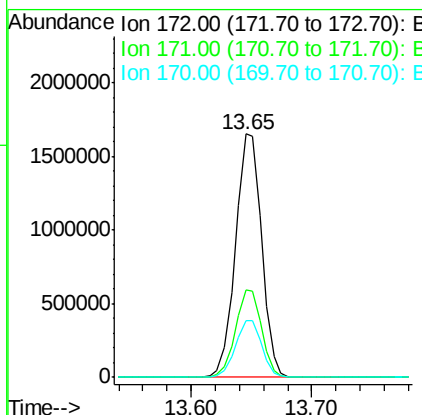
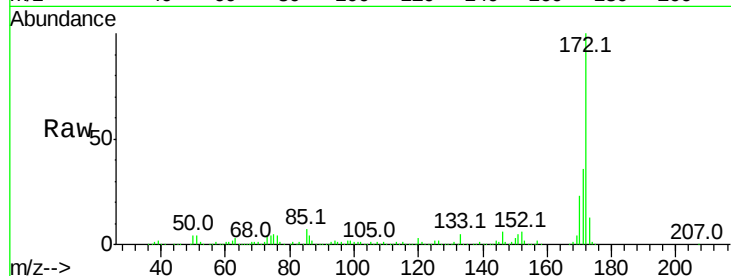




#44
2-Fluorobiphenyl
Concen: 80.923 ng
RT: 13.65 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

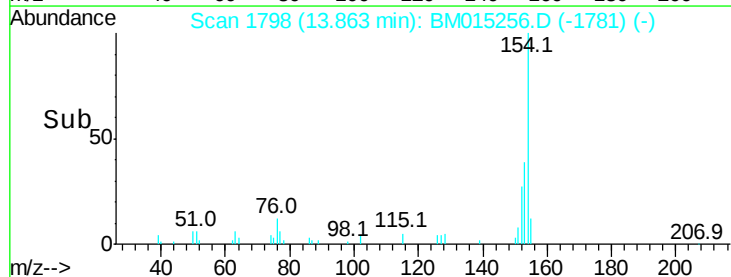
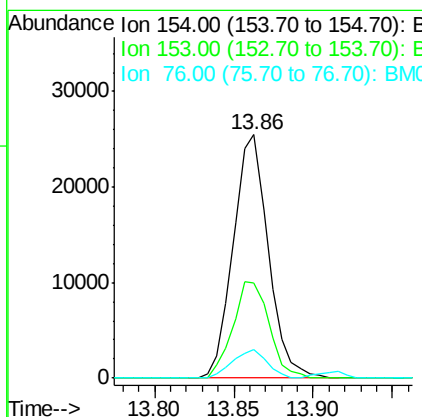
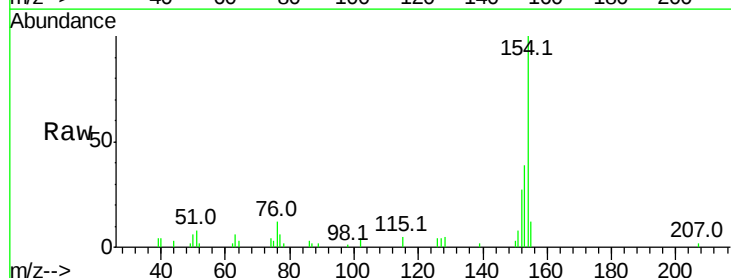
Instrument :
BNA_M
ClientSampleId :

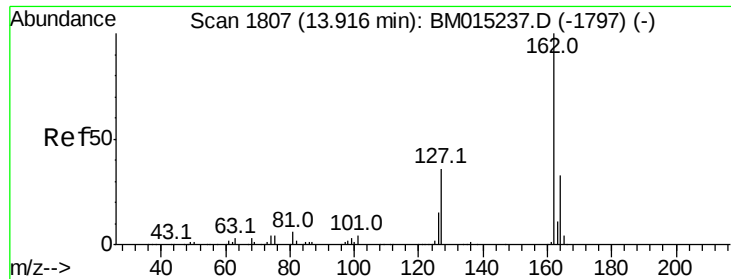
Tot Ion:172 Resp: 2495016
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.2 18.8 28.2



#45
1,1'-Biphenyl
Concen: 1.165 ng
RT: 13.86 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion:154 Resp: 39068
Ion Ratio Lower Upper
154 100
153 39.3 20.7 60.7
76 11.7 0.0 30.9

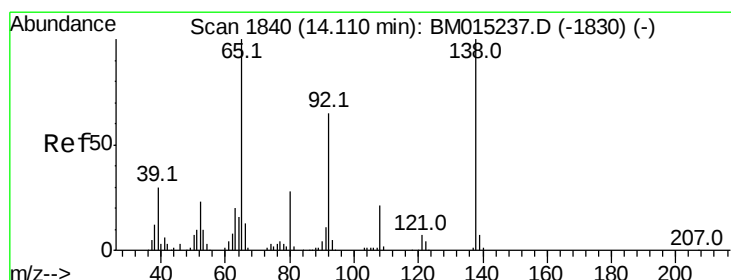
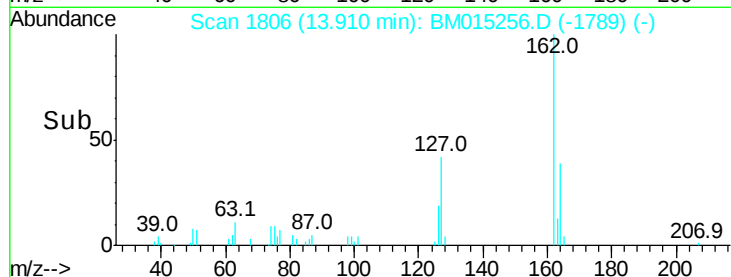
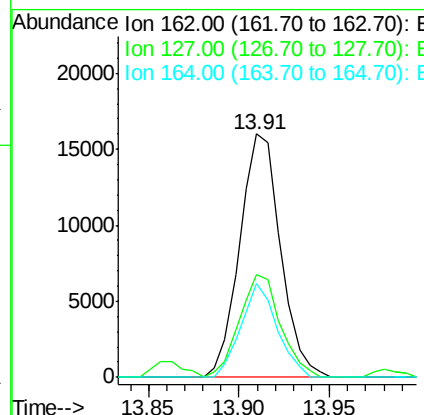
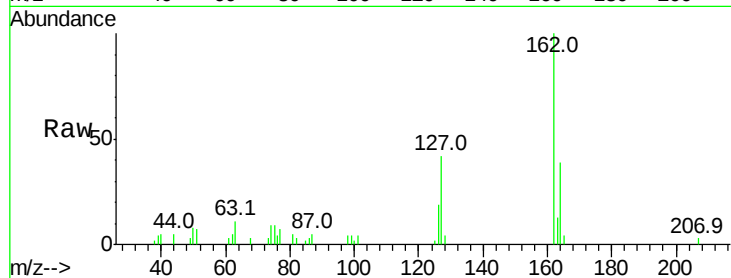




#46
 2-Chloronaphthalene
 Concen: 0.972 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

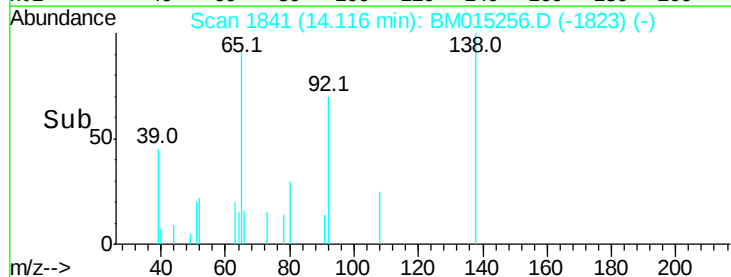
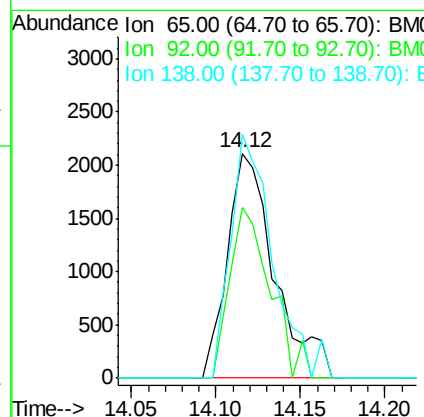
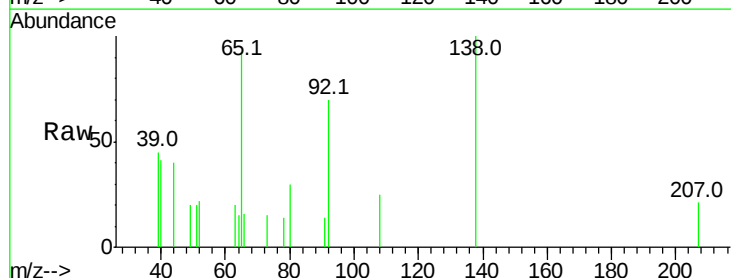
Instrument :
 BNA_M
 ClientSampleId :

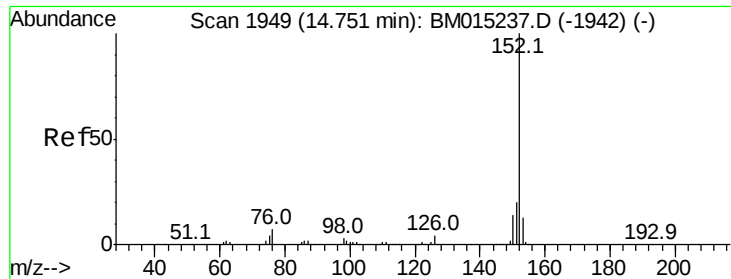
Tot Ion:162 Resp: 25088
 Ion Ratio Lower Upper
 162 100
 127 42.3 26.9 40.3#
 164 38.7 26.8 40.2



#47
 2-Nitroaniline
 Concen: 0.560 ng
 RT: 14.12 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion: 65 Resp: 4118
 Ion Ratio Lower Upper
 65 100
 92 75.7 59.1 88.7
 138 108.3 93.9 140.9





#48

Acenaphthylene

Concen: 0.813 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

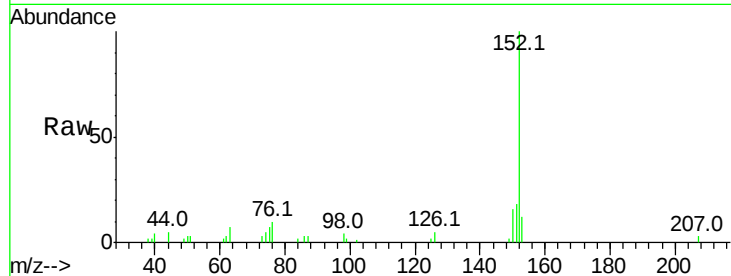
Tot Ion:152 Resp: 31168

Ion Ratio Lower Upper

152 100

151 18.5 15.9 23.9

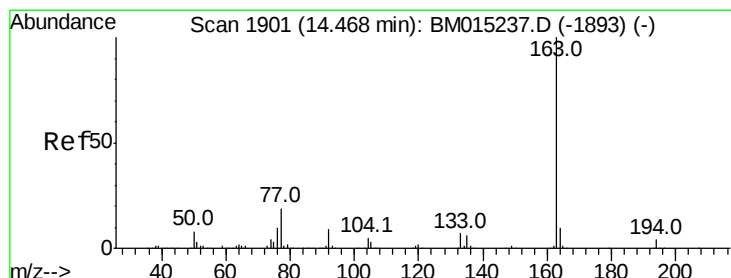
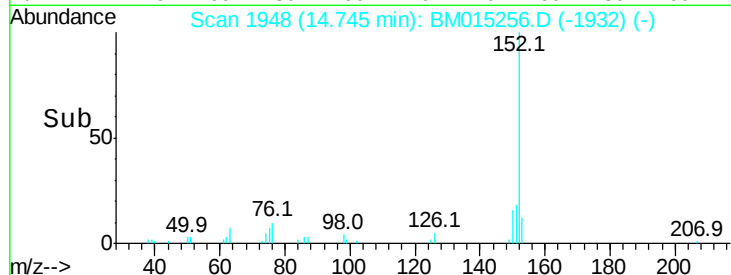
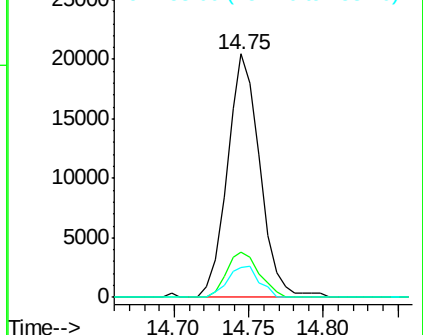
153 12.4 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.911 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

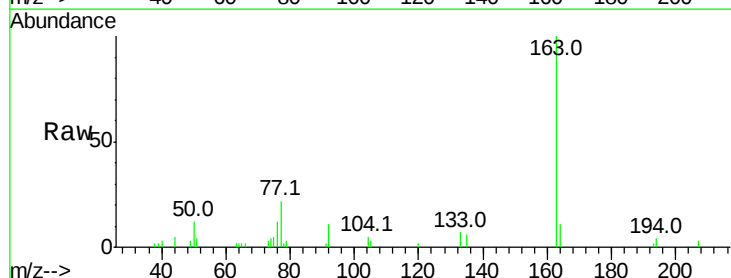
Tgt Ion:163 Resp: 27863

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

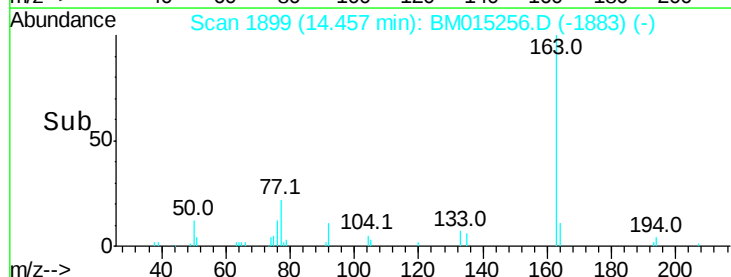
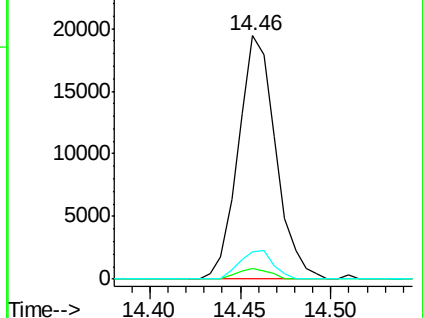
164 11.3 8.2 12.2

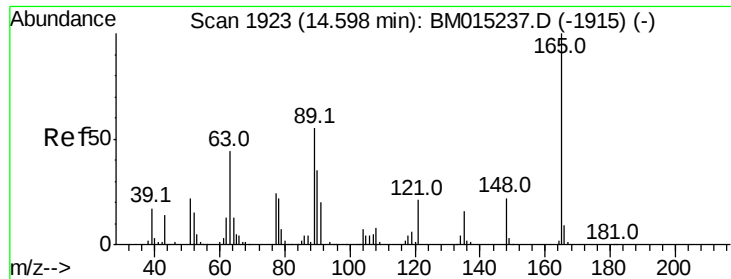


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

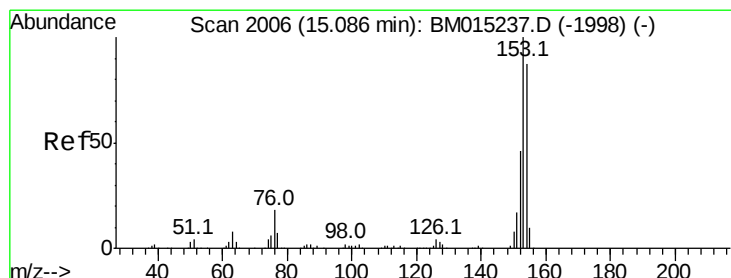
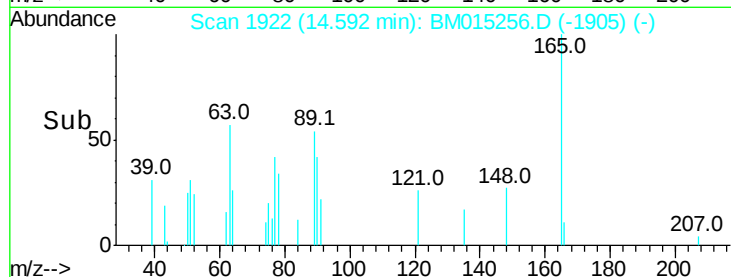
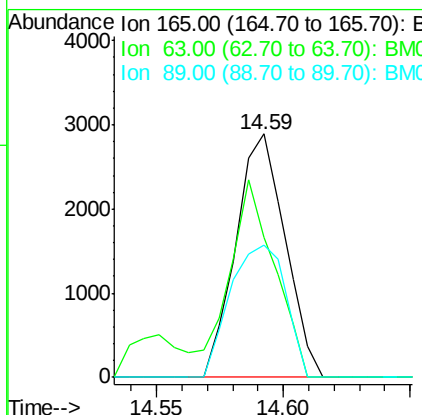
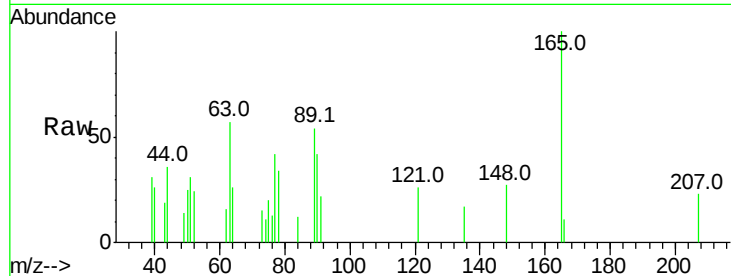




#50
2,6-Dinitrotoluene
Concen: 0.615 ng
RT: 14.59 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

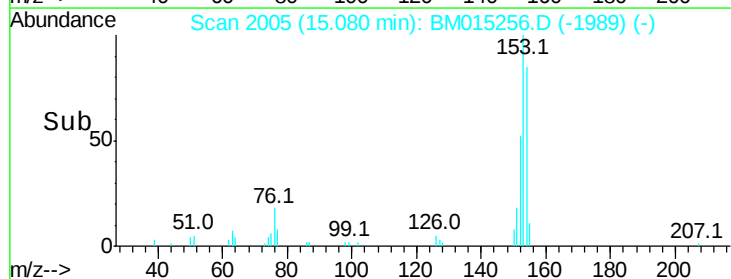
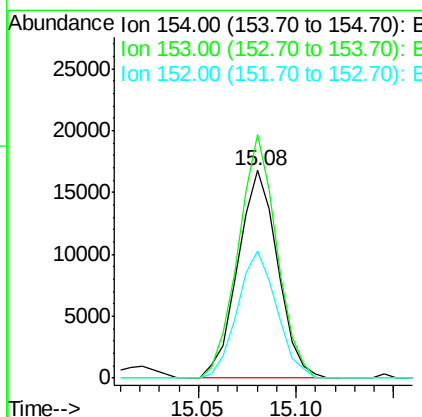
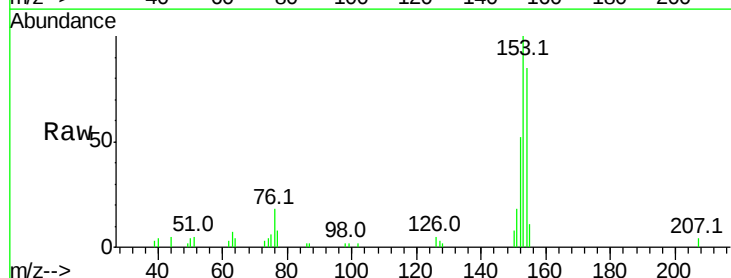
Instrument :
BNA_M
ClientSampled :

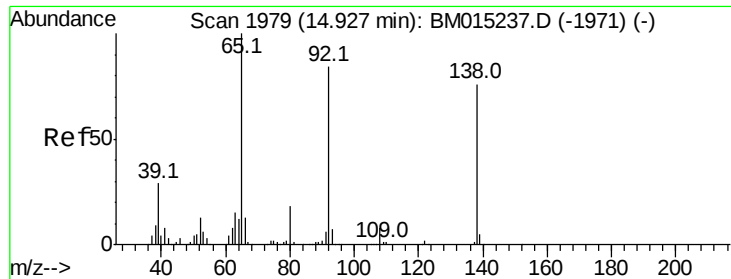
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.2	44.1	66.1
89	54.2	44.3	66.5



#51
Acenaphthene
Concen: 0.994 ng
RT: 15.08 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.3	90.0	135.0
152	61.0	42.6	63.8





#52

3-Nitroaniline

Concen: 0.456 ng

RT: 14.93 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

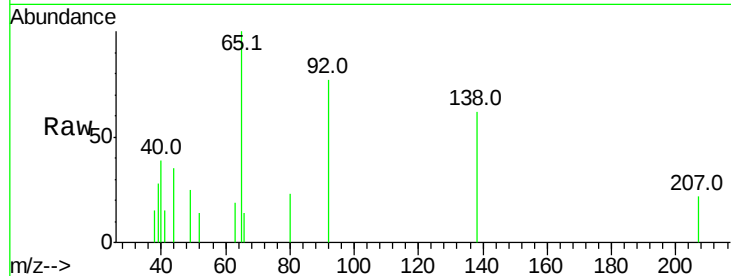
Tot Ion:138 Resp: 3065

Ion Ratio Lower Upper

138 100

108 0.0 7.3 10.9#

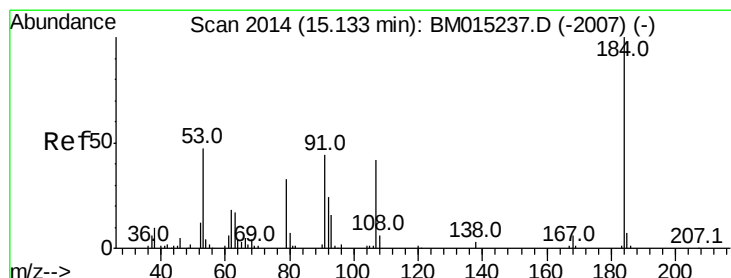
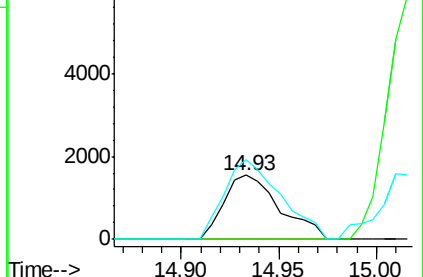
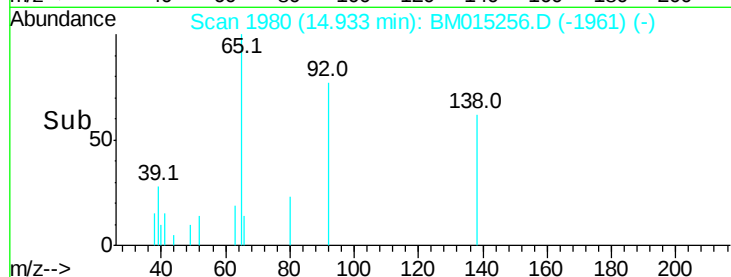
92 124.5 76.6 114.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#53

2,4-Dinitrophenol

Concen: 6.649 ng

RT: 15.15 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

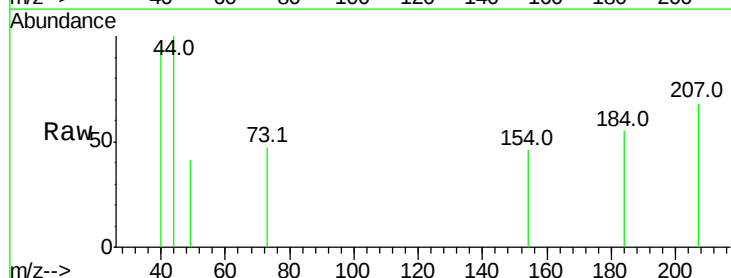
Tgt Ion:184 Resp: 434

Ion Ratio Lower Upper

184 100

63 0.0 69.2 103.8#

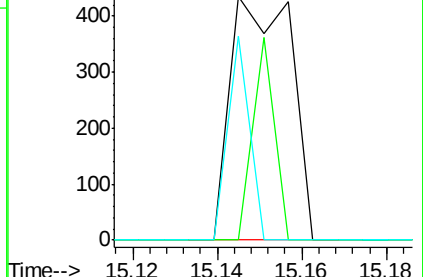
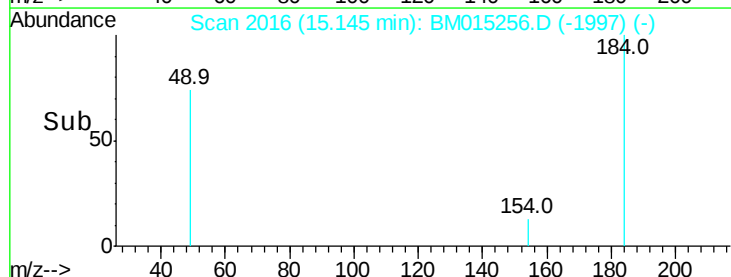
154 83.7 53.3 79.9#

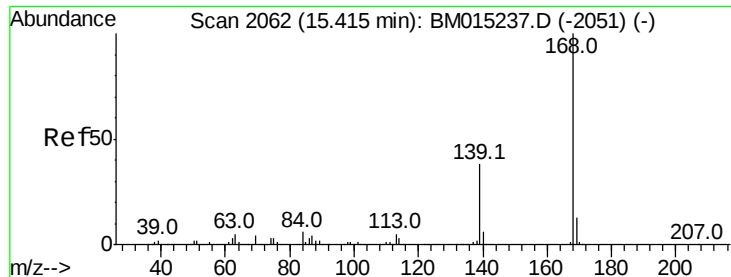


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

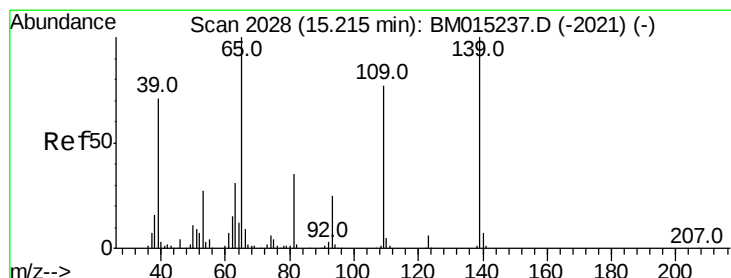
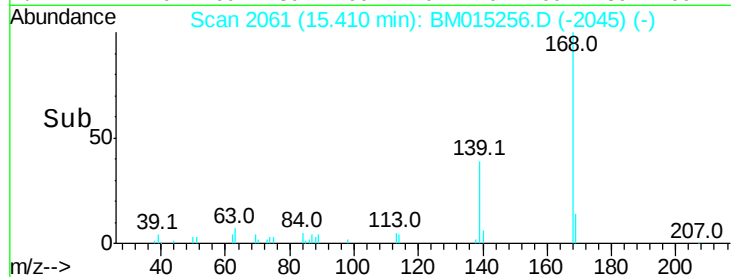
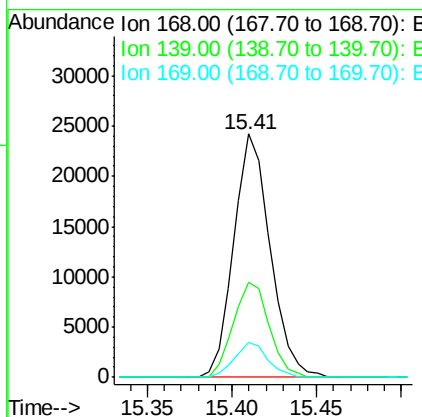
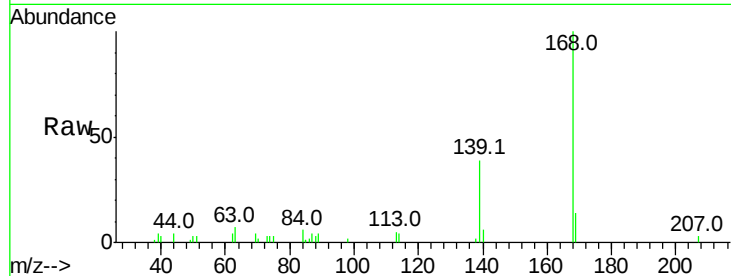




#54
Dibenzofuran
Concen: 0.965 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

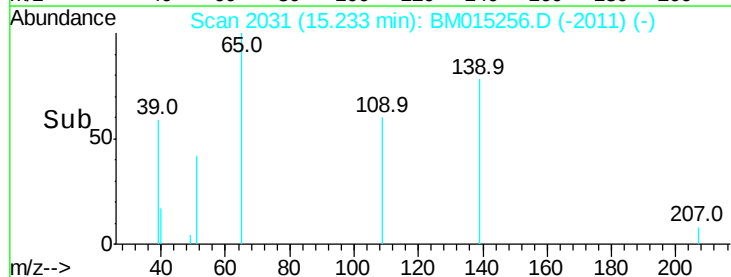
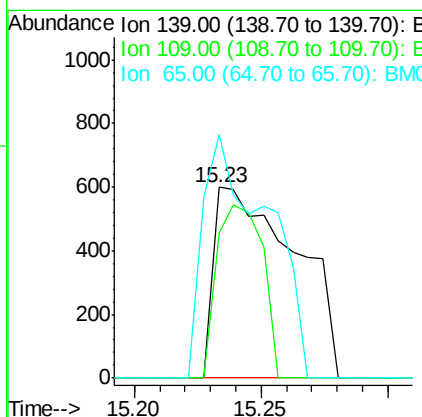
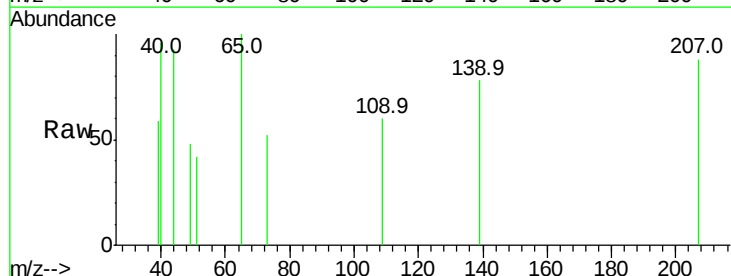
Instrument :
BNA_M
ClientSampleId :

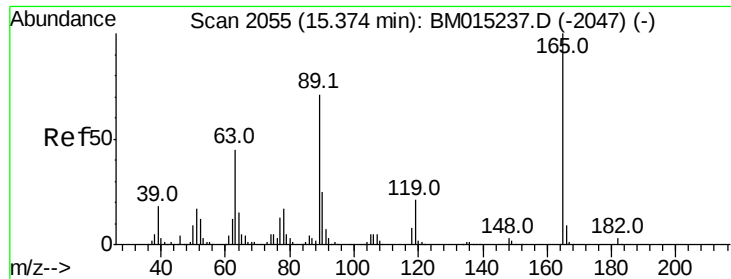
Tot Ion:168 Resp: 36352
Ion Ratio Lower Upper
168 100
139 39.3 27.3 40.9
169 14.4 10.6 16.0



#55
4-Nitrophenol
Concen: 0.246 ng
RT: 15.23 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion:139 Resp: 1340
Ion Ratio Lower Upper
139 100
109 76.1 130.0 170.0#
65 127.7 130.0 170.0#

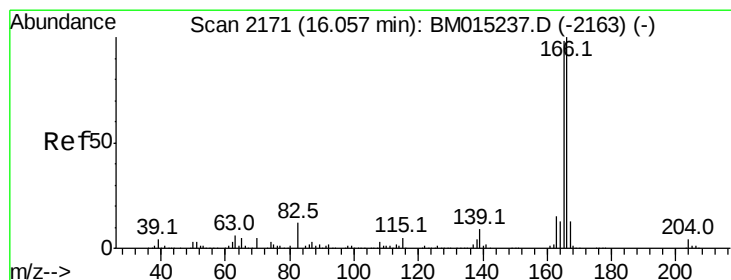
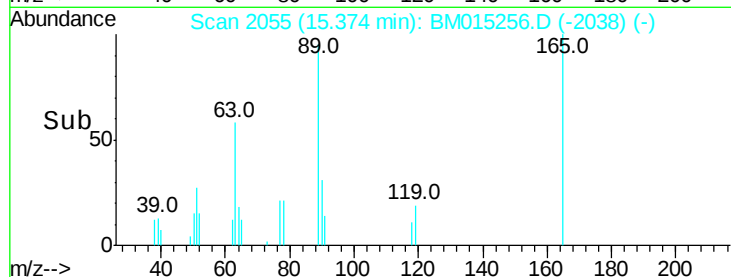
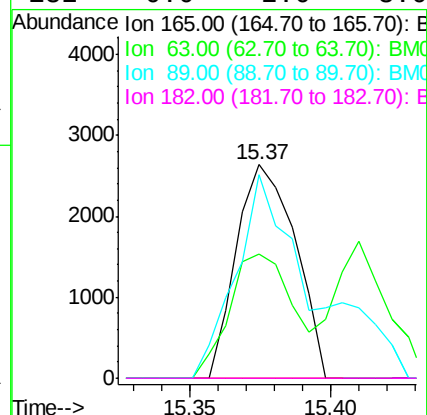
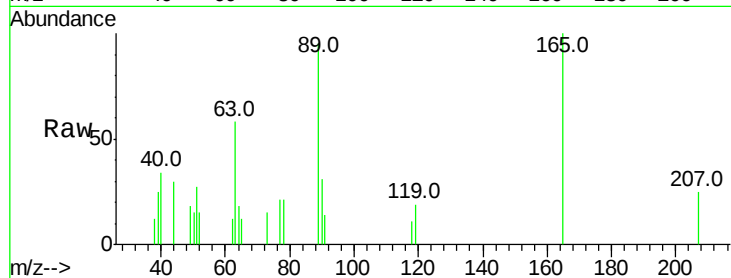




#56
2,4-Dinitrotoluene
Concen: 0.436 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

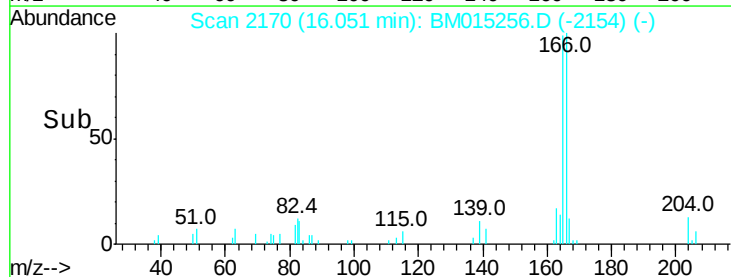
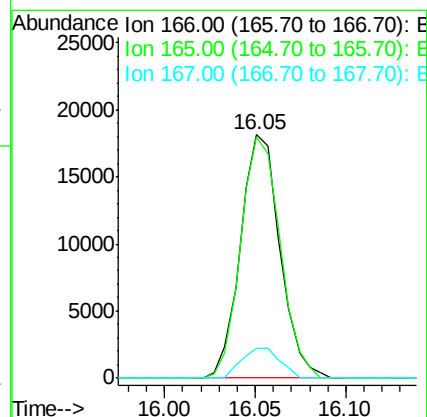
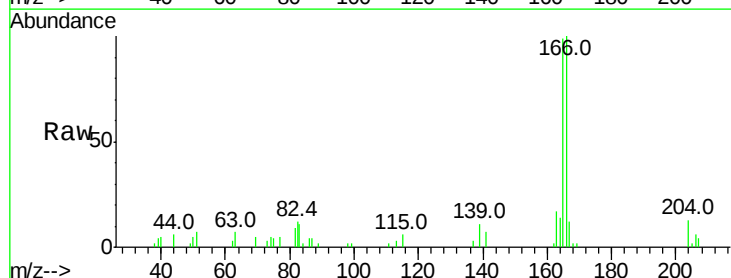
Instrument :
BNA_M
ClientSampleId :

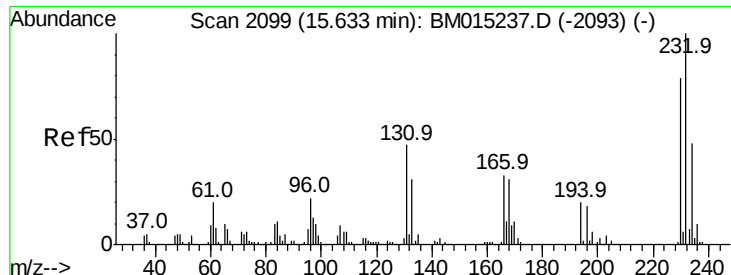
Tot Ion:165 Resp: 3809
Ion Ratio Lower Upper
165 100
63 58.1 52.4 78.6
89 95.3 72.4 108.6
182 0.0 2.0 3.0#



#57
Fluorene
Concen: 0.922 ng
RT: 16.05 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion:166 Resp: 27431
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 12.2 10.3 15.5

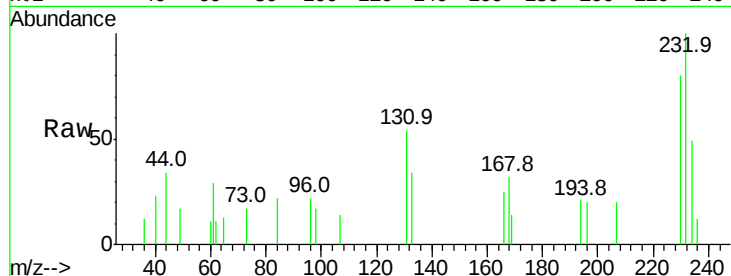




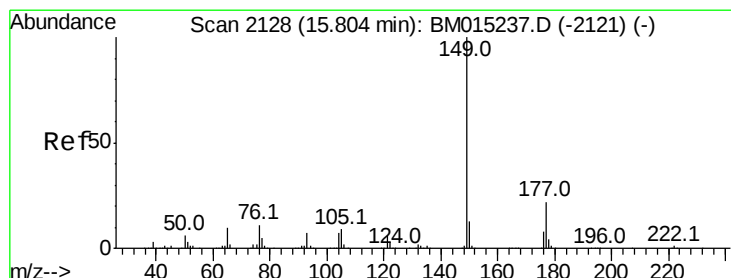
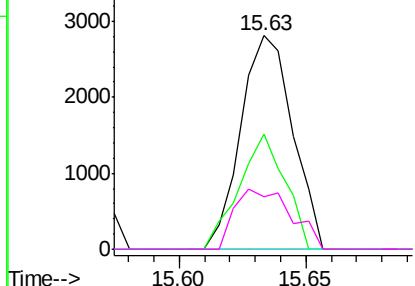
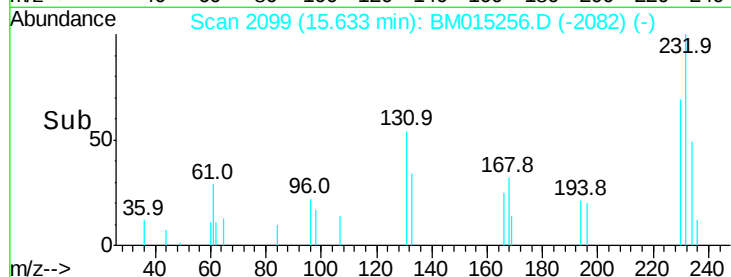
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 0.530 ng
 RT: 15.63 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:232 Resp: 3979
 Ion Ratio Lower Upper
 232 100
 131 47.7 0.0 0.0#
 130 0.0 0.0 0.0
 166 30.8 0.0 0.0#

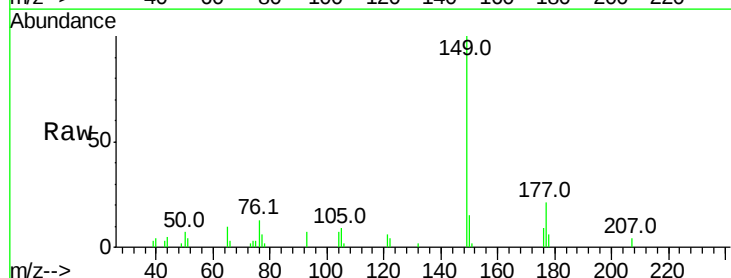


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

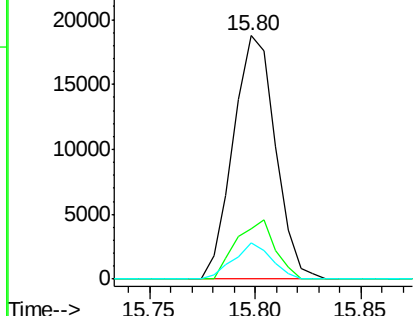
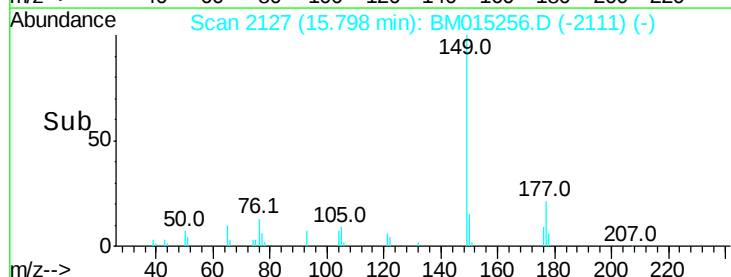


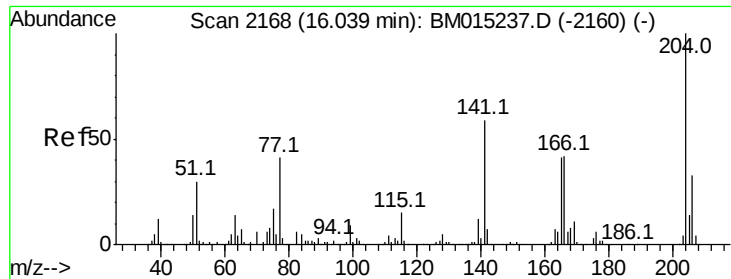
#59
 Diethylphthalate
 Concen: 0.862 ng
 RT: 15.80 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion:149 Resp: 25977
 Ion Ratio Lower Upper
 149 100
 177 20.9 18.3 27.5
 150 15.0 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

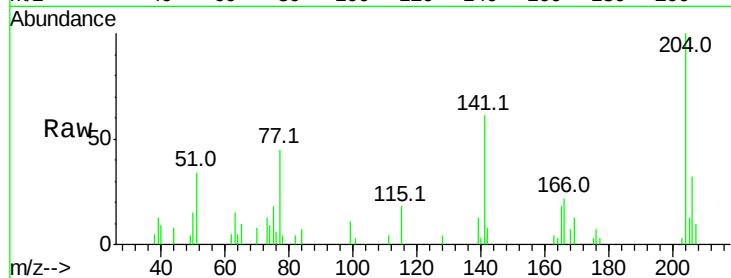




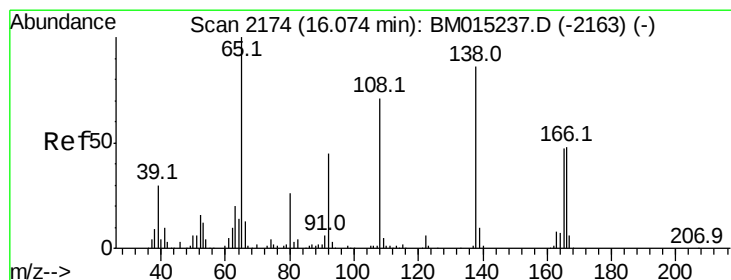
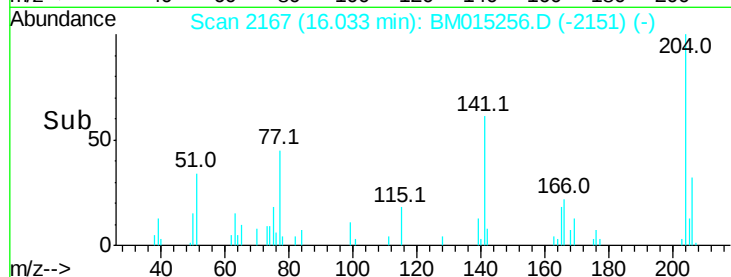
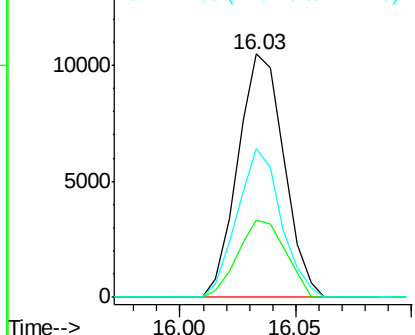
#60
 4-Chlorophenyl-phenylether
 Concen: 0.961 ng
 RT: 16.03 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:204 Resp: 14565
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.6 39.8
 141 61.4 45.2 67.8

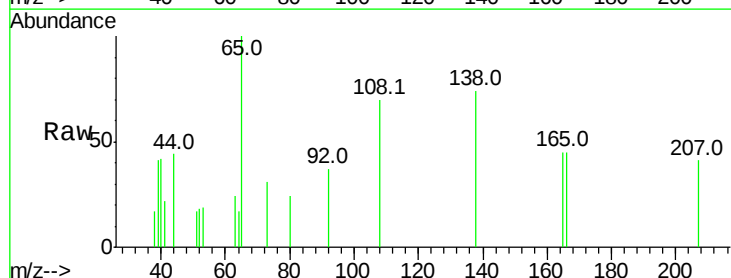


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

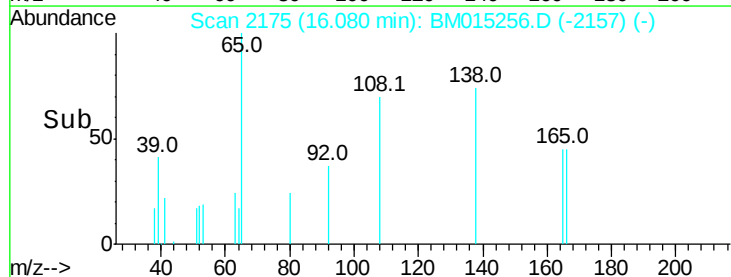
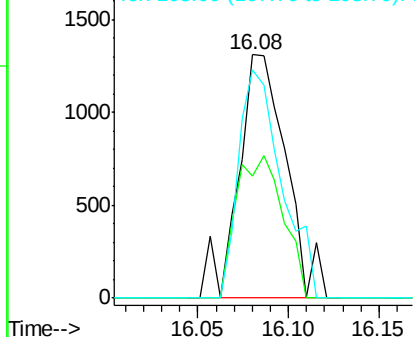


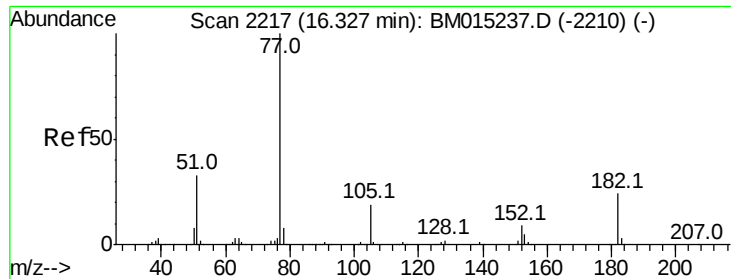
#61
 4-Nitroaniline
 Concen: 0.341 ng
 RT: 16.08 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion:138 Resp: 2396
 Ion Ratio Lower Upper
 138 100
 92 50.0 16.7 56.7
 108 93.7 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

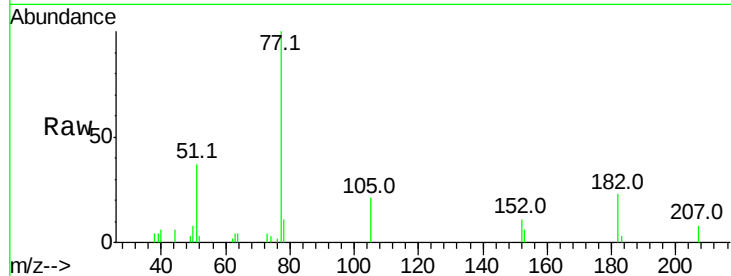




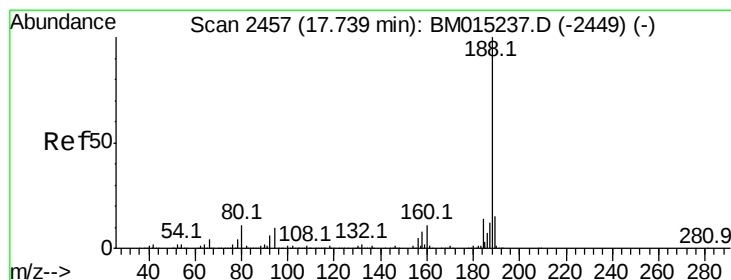
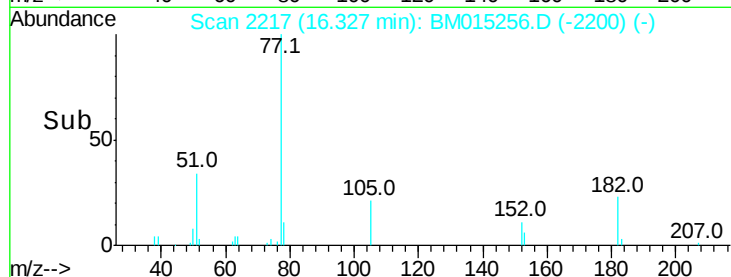
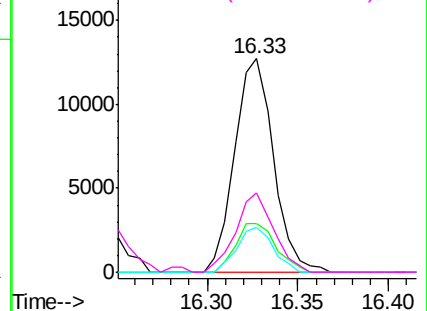
#62
Azobenzene
Concen: 0.662 ng
RT: 16.33 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 77 Resp: 18958
Ion Ratio Lower Upper
77 100
182 23.1 6.5 46.5
105 21.0 3.8 43.8
51 37.4 5.5 45.5

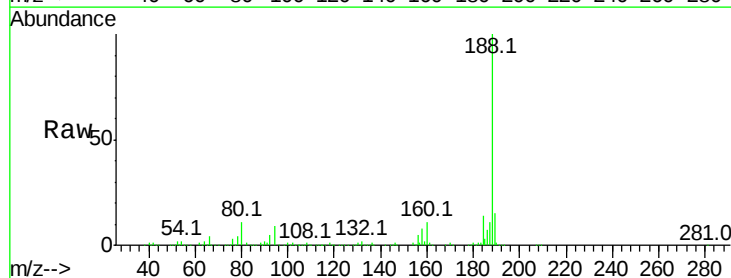


Abundance Ion 77.00 (76.70 to 77.70): BM015237.D (-2210) (-)
Ion 182.00 (181.70 to 182.70): BM015237.D (-2210) (-)
Ion 105.00 (104.70 to 105.70): BM015237.D (-2210) (-)
Ion 51.00 (50.70 to 51.70): BM015237.D (-2210) (-)

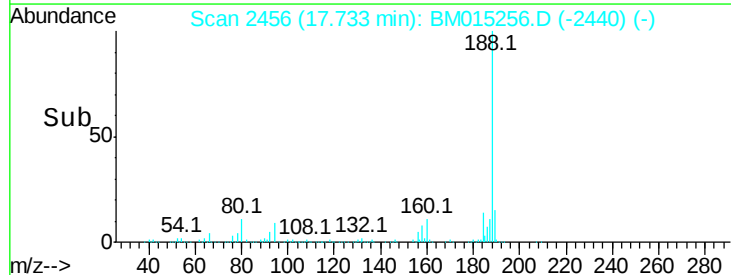
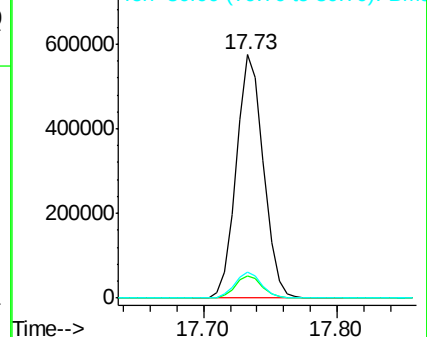


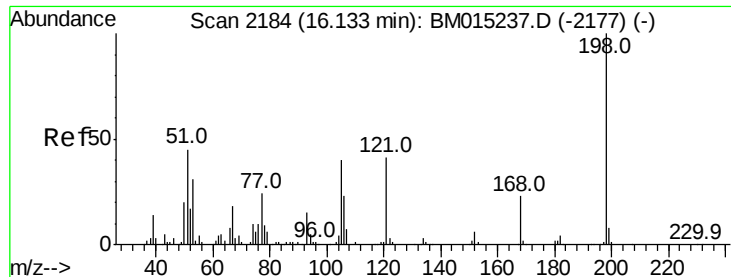
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion: 188 Resp: 815037
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 10.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): BM015237.D (-2449) (-)
Ion 94.00 (93.70 to 94.70): BM015237.D (-2449) (-)
Ion 80.00 (79.70 to 80.70): BM015237.D (-2449) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 0.384 ng

RT: 16.13 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

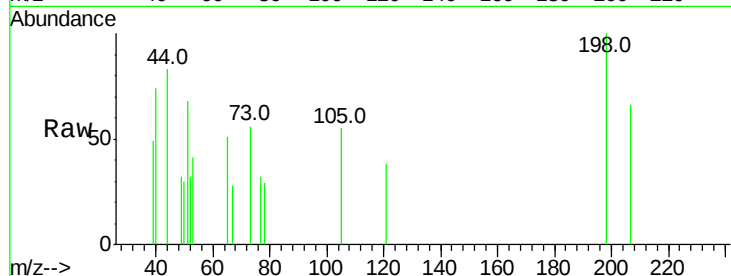
Tot Ion:198 Resp: 1727

Ion Ratio Lower Upper

198 100

51 68.4 28.8 68.8

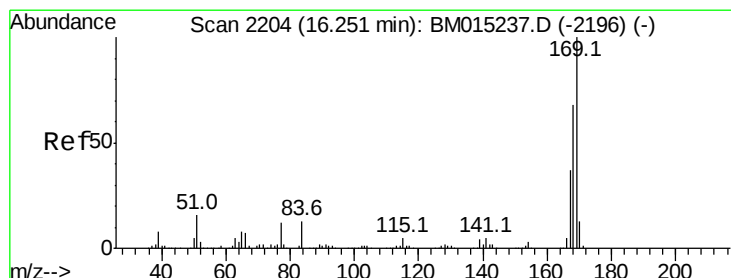
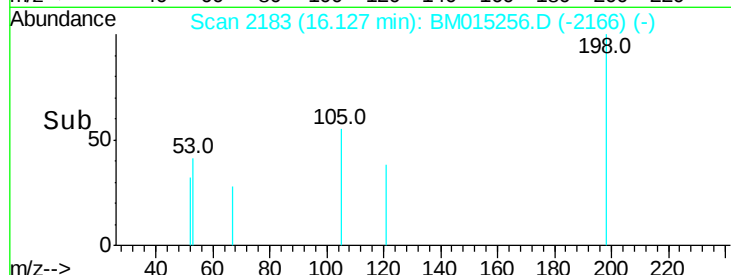
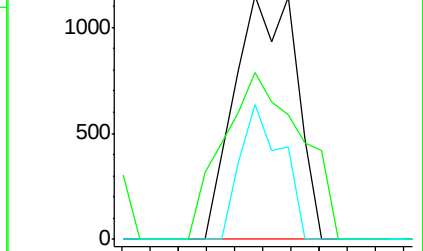
105 55.3 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM015237.D (-2177) (-)

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.794 ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

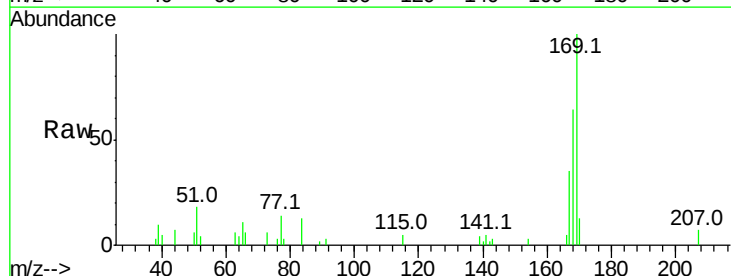
Tgt Ion:169 Resp: 20785

Ion Ratio Lower Upper

169 100

168 64.2 53.9 80.9

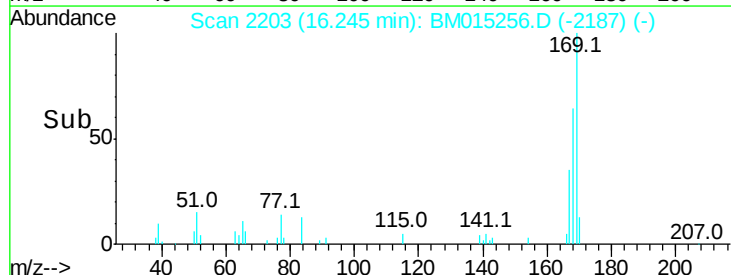
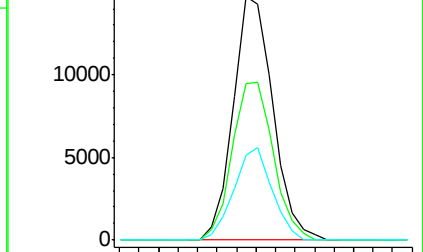
167 35.1 28.9 43.3

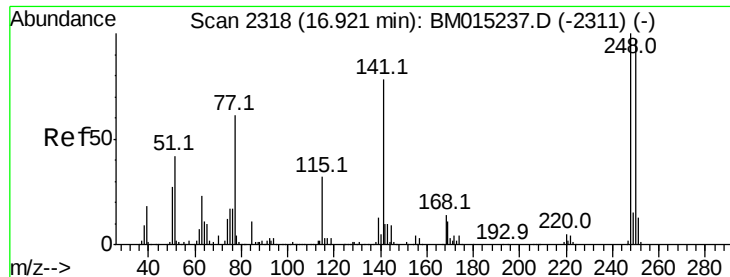


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

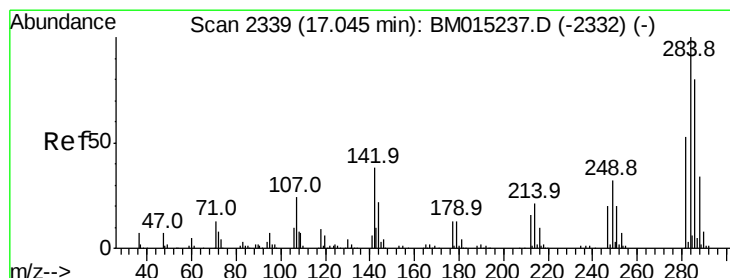
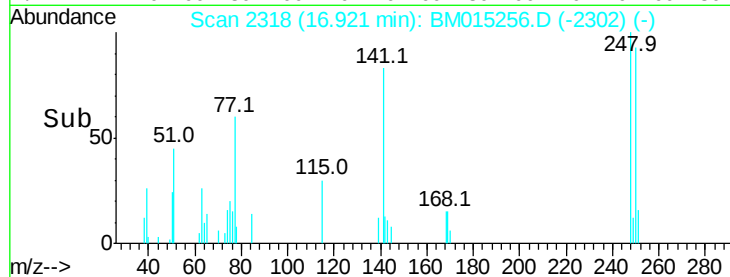
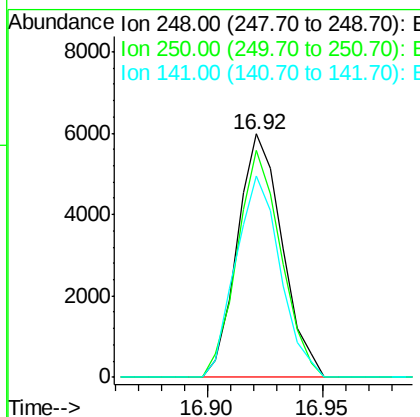
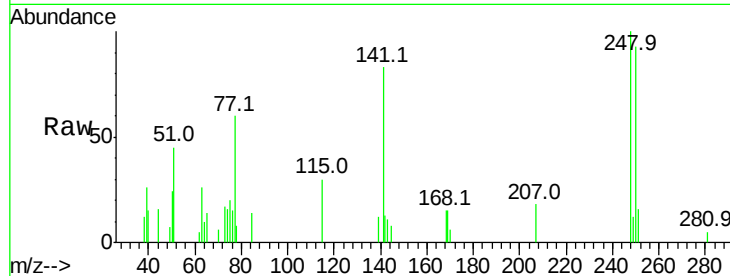




#66
 4-Bromophenyl-phenylether
 Concen: 0.889 ng
 RT: 16.92 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

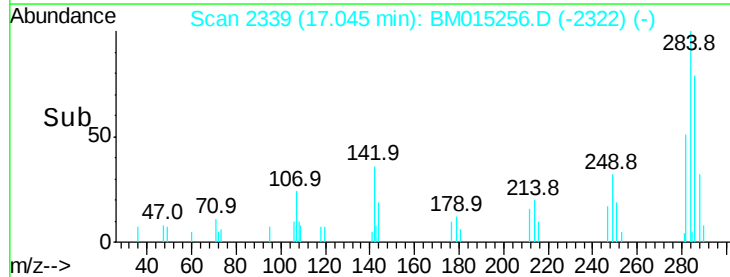
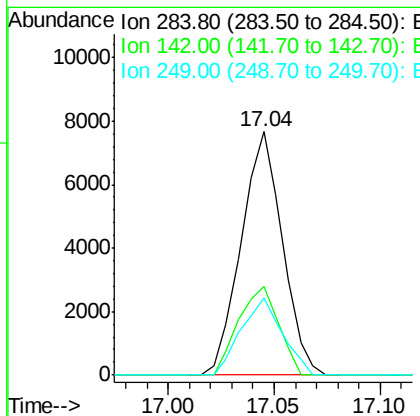
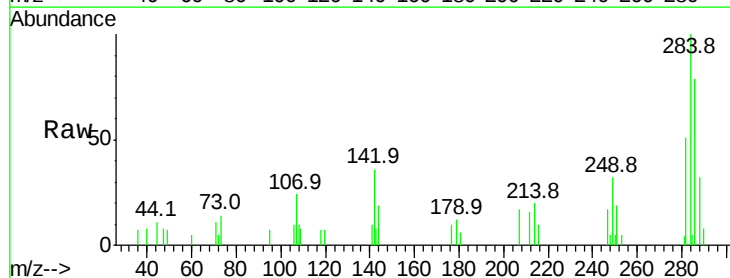
Instrument :
 BNA_M
 ClientSampleId :

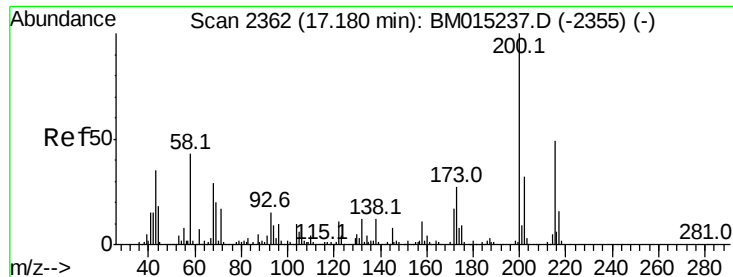
Tot Ion	Ratio	Lower	Upper
248	100		
250	93.0	77.4	116.0
141	82.8	45.2	67.8#



#67
 Hexachlorobenzene
 Concen: 0.991 ng
 RT: 17.04 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BM015256.D
 Acq: 23 May 2018 00:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	20.4	30.6#
249	31.9	23.8	35.6

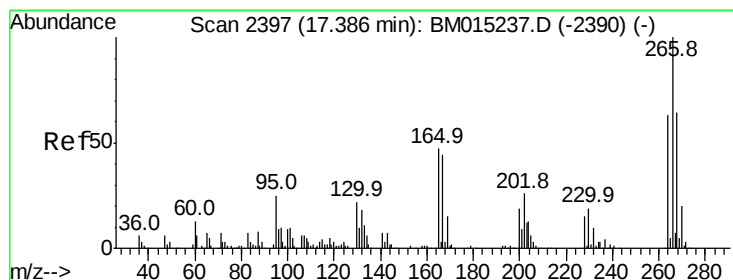
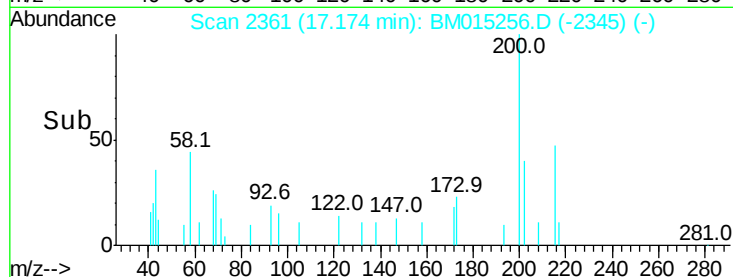
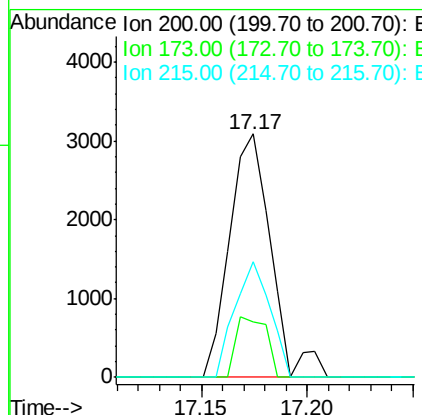
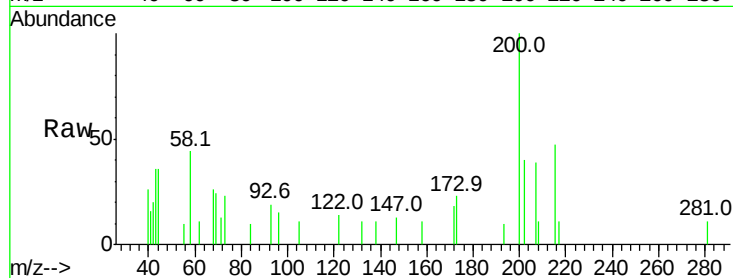




#68
Atrazine
Concen: 0.505 ng
RT: 17.17 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

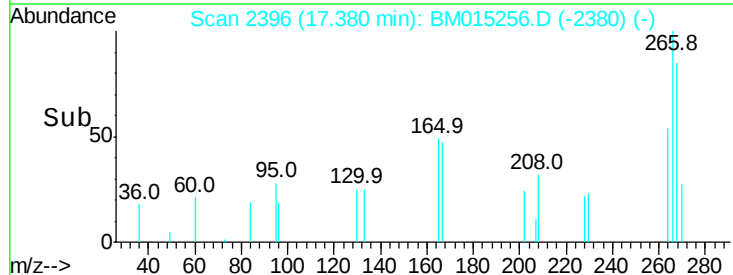
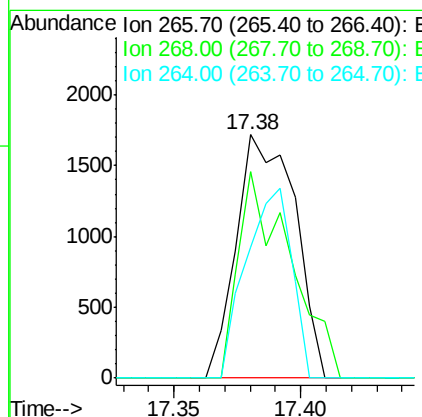
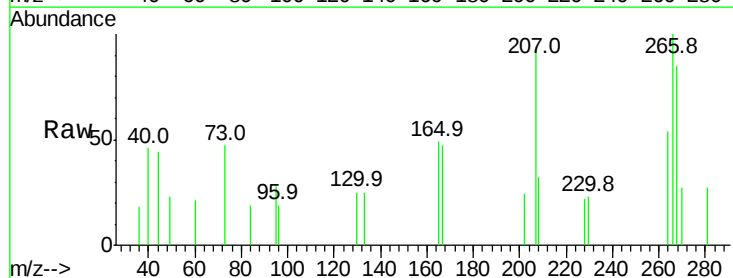
Instrument :
BNA_M
ClientSampleId :

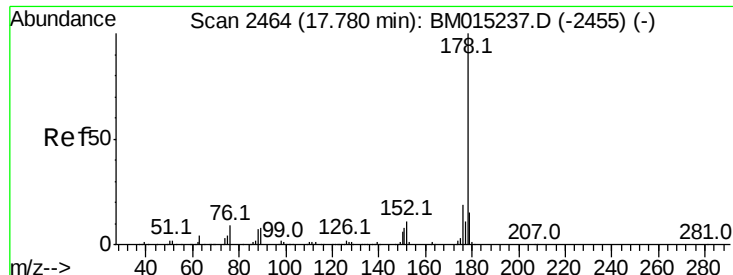
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	4.8	44.8
215	47.5	26.9	66.9



#69
Pentachlorophenol
Concen: 0.474 ng
RT: 17.38 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	84.6	52.0	78.0#
264	54.0	49.0	73.4





#70

Phenanthrene

Concen: 0.972 ng

RT: 17.78 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

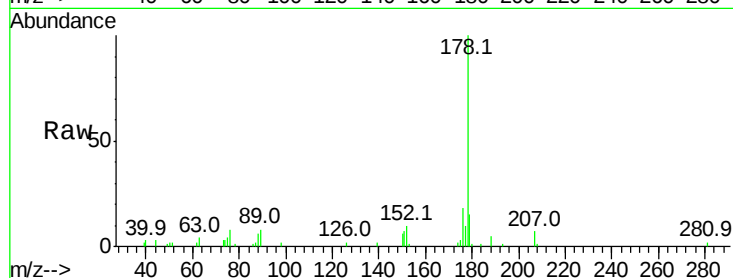
Tot Ion:178 Resp: 45146

Ion Ratio Lower Upper

178 100

176 17.5 15.2 22.8

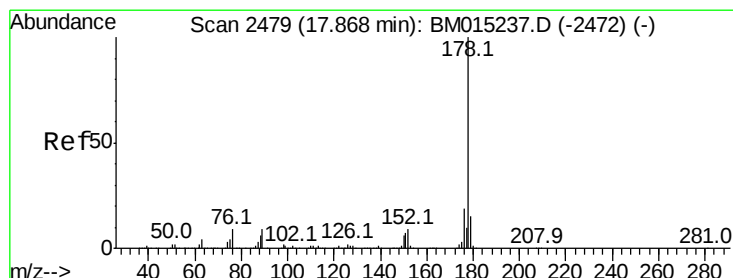
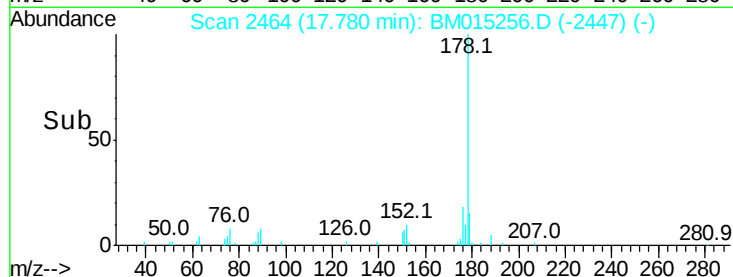
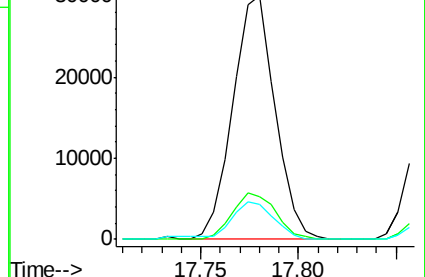
179 14.5 12.1 18.1



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: 0.791 ng

RT: 17.87 min Scan# 2479

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

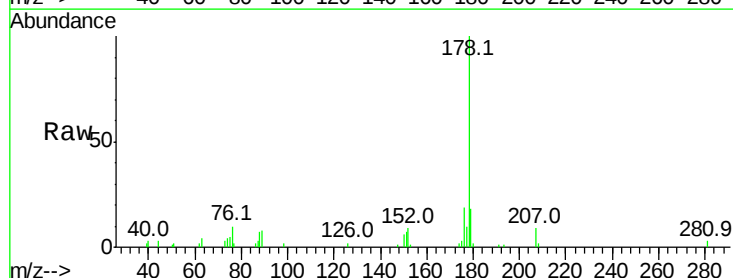
Tgt Ion:178 Resp: 36582

Ion Ratio Lower Upper

178 100

176 19.5 14.6 22.0

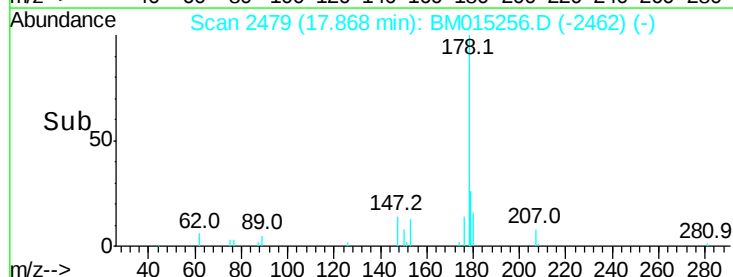
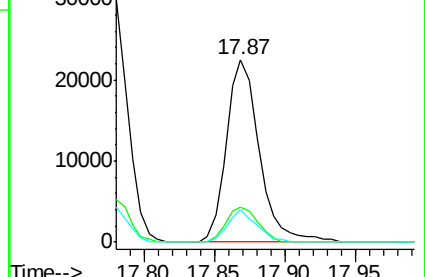
179 17.5 12.6 19.0

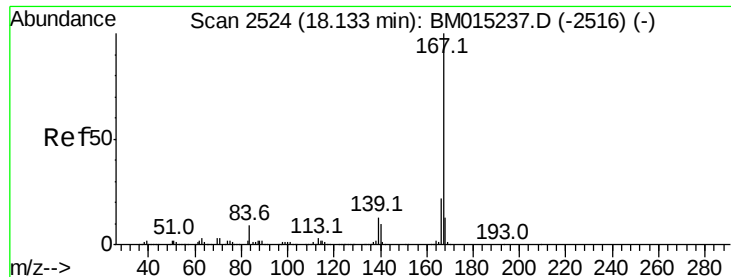


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.790 ng

RT: 18.13 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

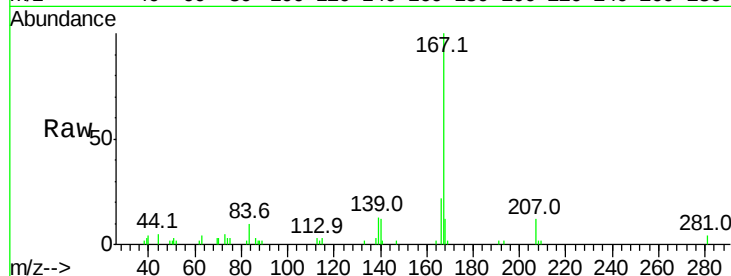
Tot Ion:167 Resp: 32372

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

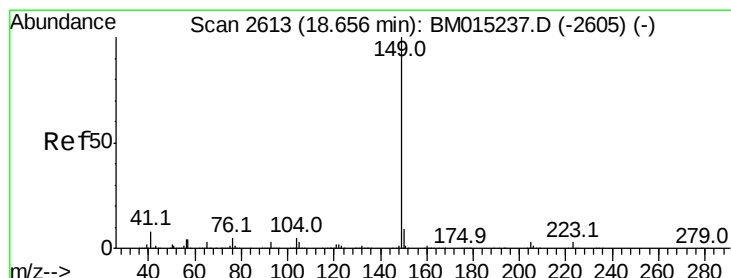
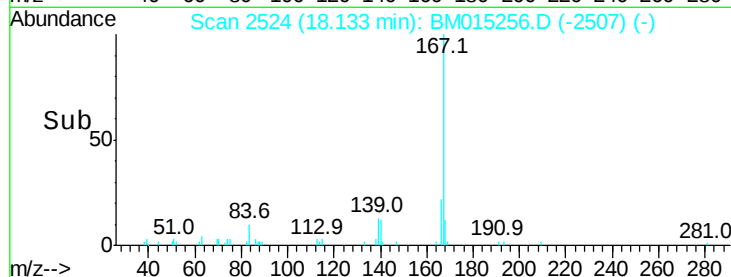
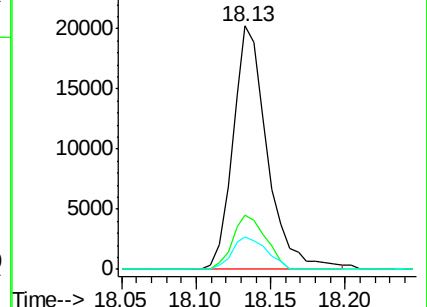
139 13.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.679 ng

RT: 18.65 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

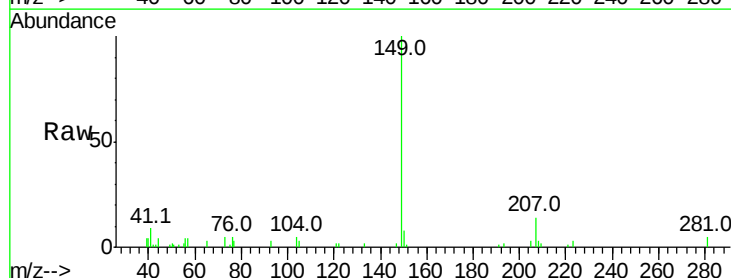
Tgt Ion:149 Resp: 32748

Ion Ratio Lower Upper

149 100

150 8.1 7.5 11.3

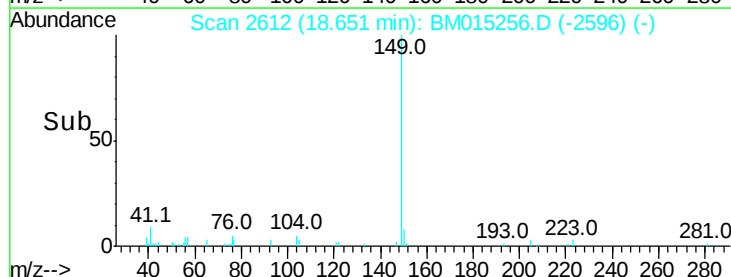
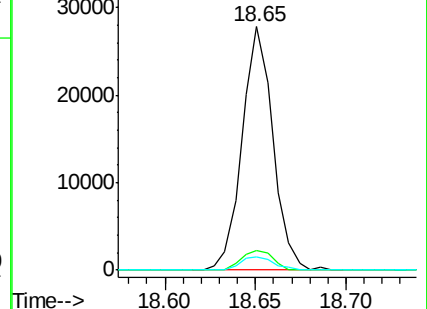
104 5.5 3.7 5.5

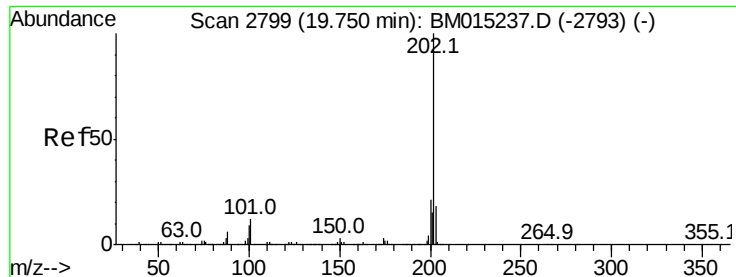


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.860 ng

RT: 19.75 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

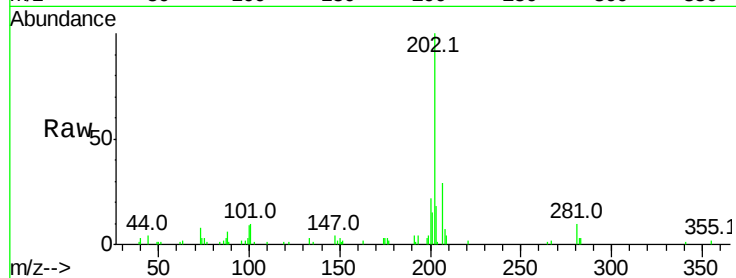
Tot Ion:202 Resp: 43795

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.7
203	17.9	0.0	37.2

202 100

101 10.1 0.0 28.7

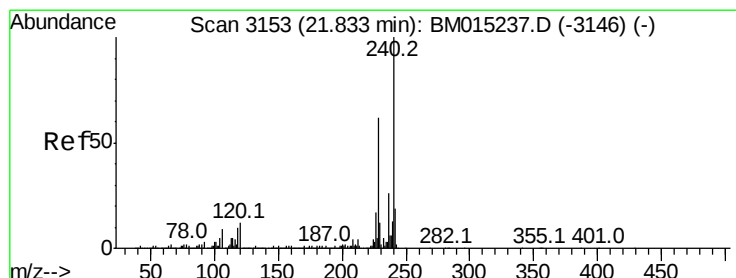
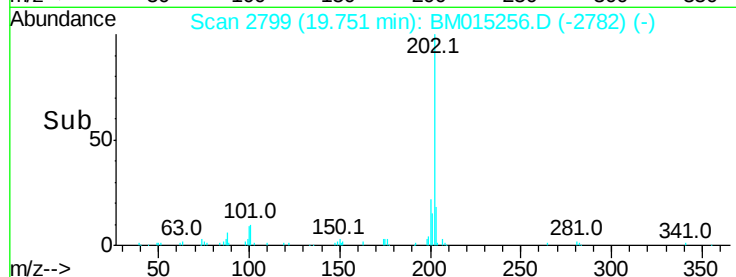
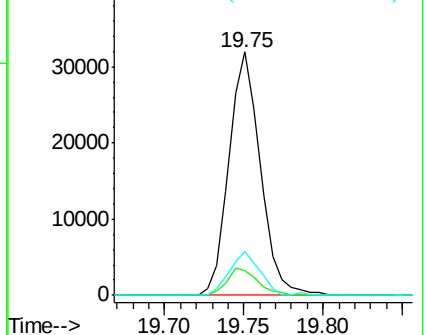
203 17.9 0.0 37.2



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: BM015256.D

Acq: 23 May 2018 00:53

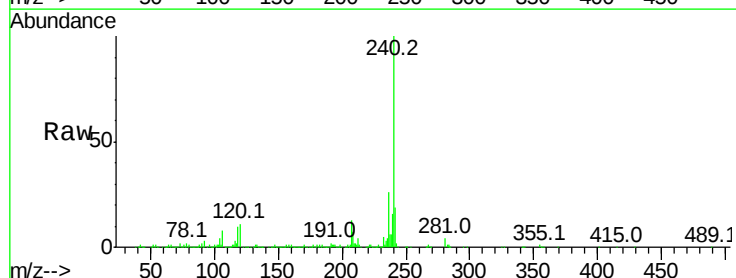
Tgt Ion:240 Resp: 816810

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.9	20.0	30.0

240 100

120 10.5 8.2 12.2

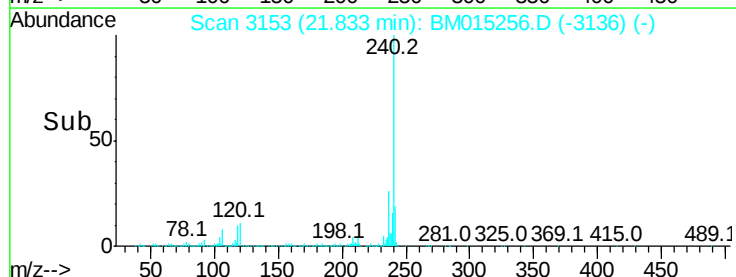
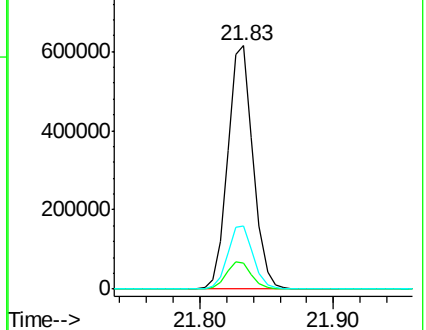
236 25.9 20.0 30.0

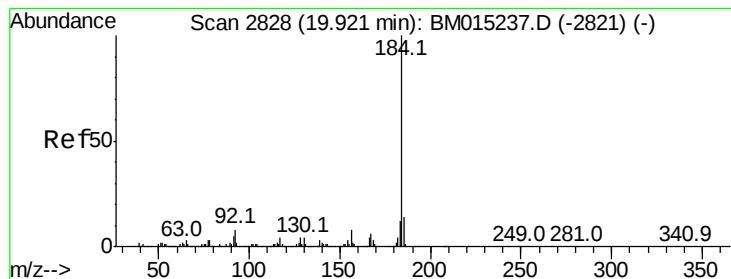


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.397 ng

RT: 19.93 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

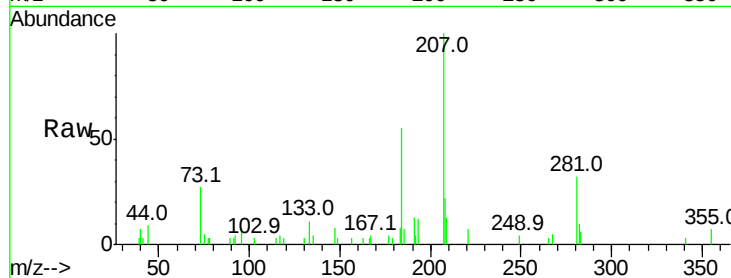
Tot Ion:184 Resp: 10143

Ion Ratio Lower Upper

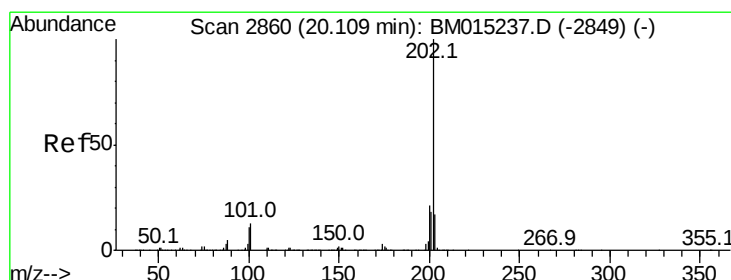
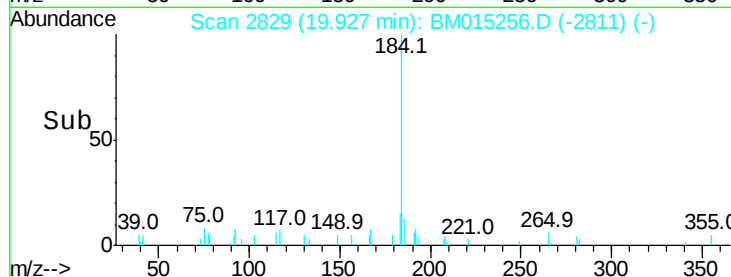
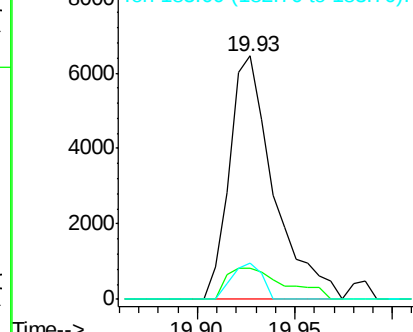
184 100

185 12.6 11.3 16.9

183 14.7 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

Pyrene

Concen: 0.926 ng

RT: 20.11 min Scan# 2860

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

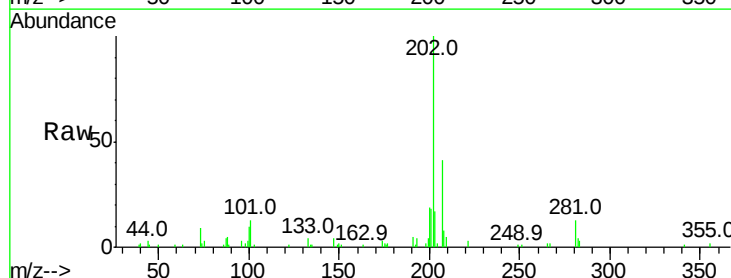
Tgt Ion:202 Resp: 47743

Ion Ratio Lower Upper

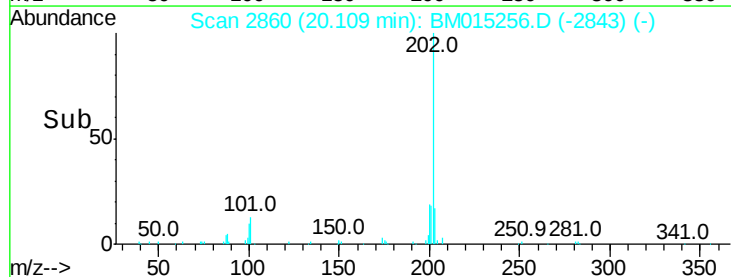
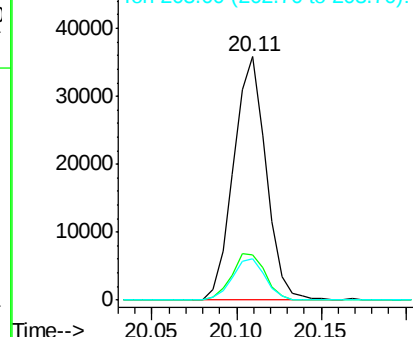
202 100

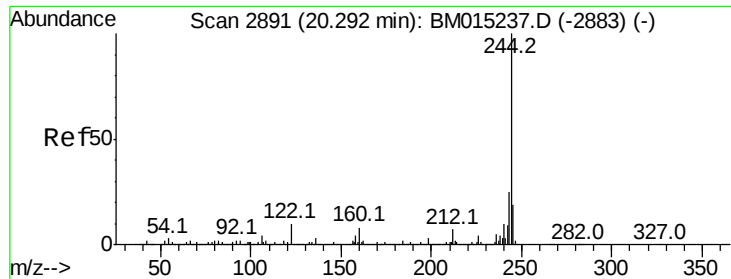
200 18.7 16.9 25.3

203 17.1 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: 91.146 ng

RT: 20.29 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

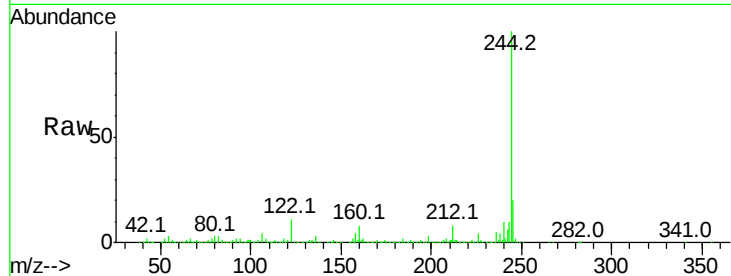
Tot Ion:244 Resp: 3371451

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

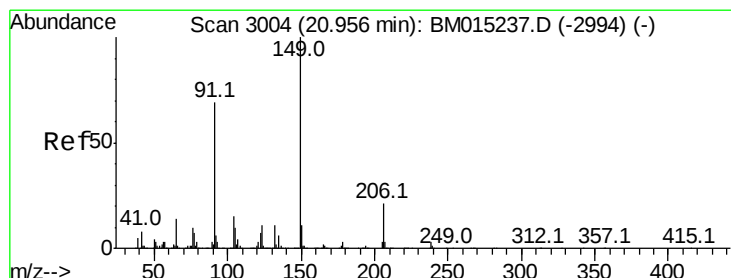
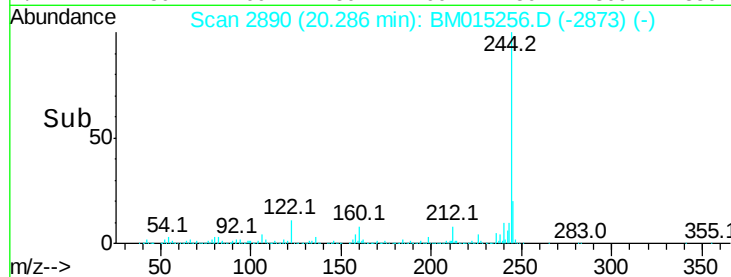
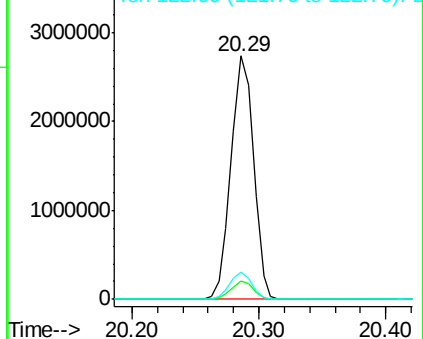
122 11.3 6.2 9.4#



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: 0.742 ng

RT: 20.95 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

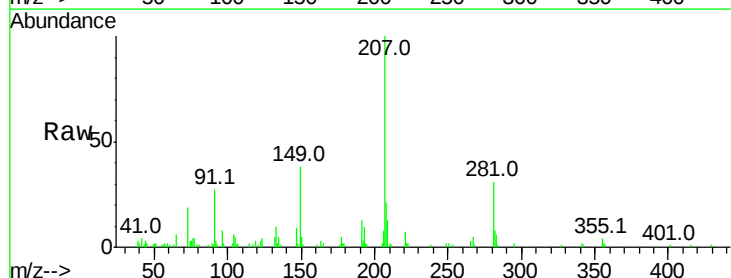
Tgt Ion:149 Resp: 15612

Ion Ratio Lower Upper

149 100

91 70.6 50.1 75.1

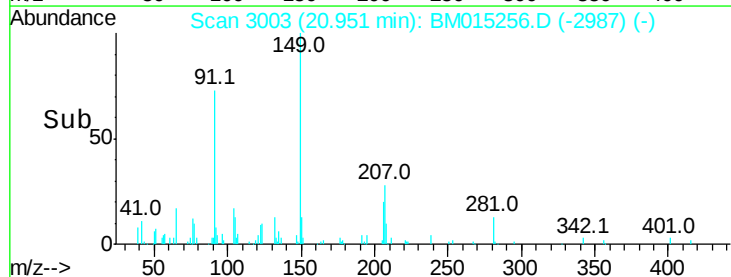
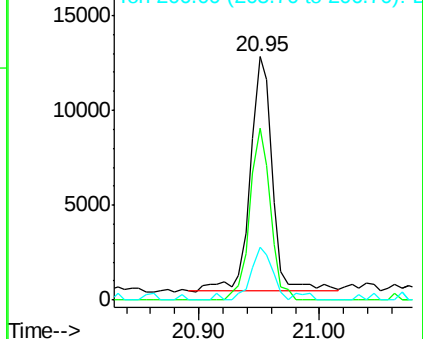
206 21.7 16.2 24.2

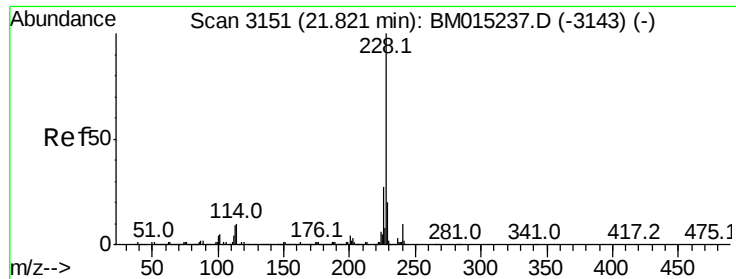


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.934 ng

RT: 21.82 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

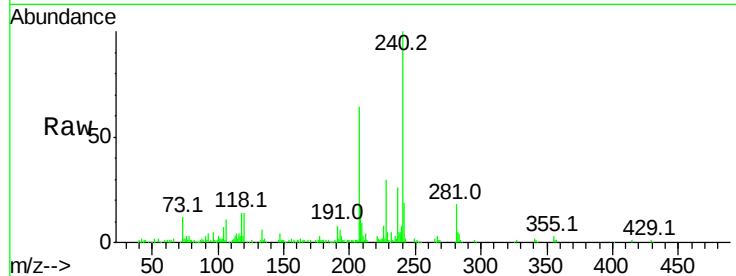
Tot Ion:228 Resp: 48096

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.7	32.5
229	18.0	16.0	24.0

228 100

226 25.6 21.7 32.5

229 18.0 16.0 24.0

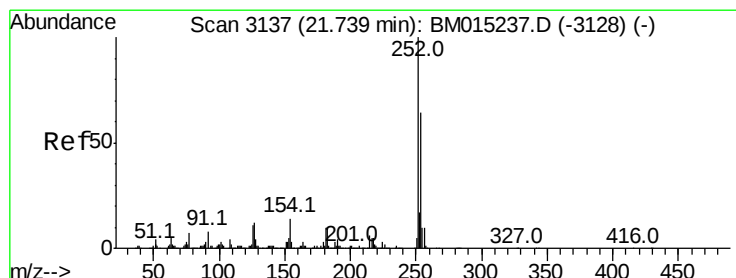
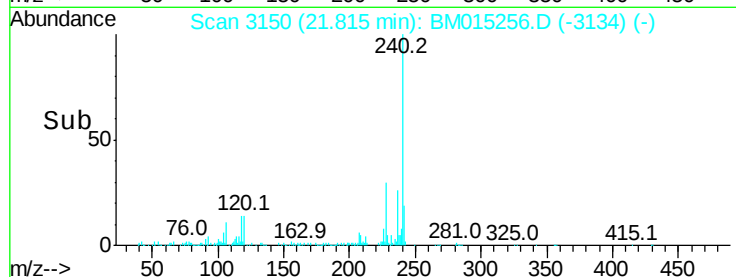
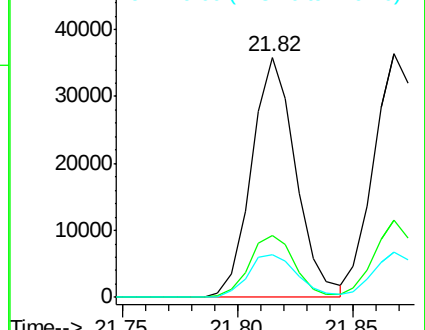


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.807 ng

RT: 21.74 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

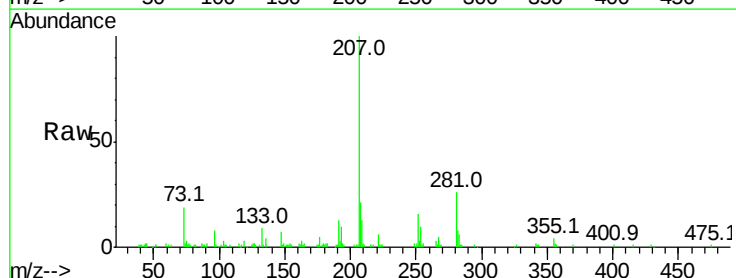
Tgt Ion:252 Resp: 15377

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.9	77.9
126	13.8	9.8	14.8

252 100

254 63.1 51.9 77.9

126 13.8 9.8 14.8

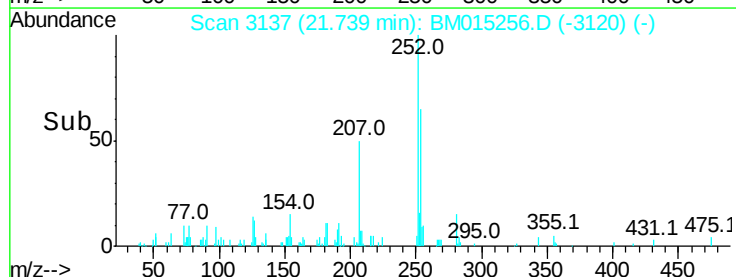
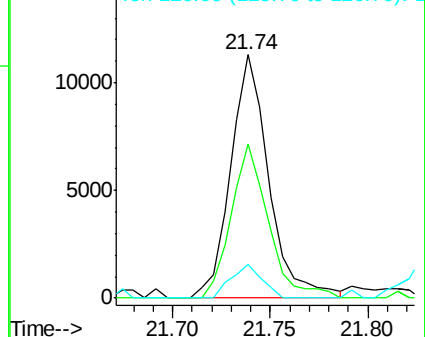


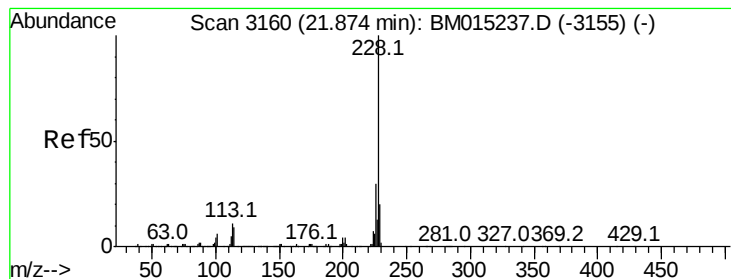
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 1.012 ng

RT: 21.87 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampled :

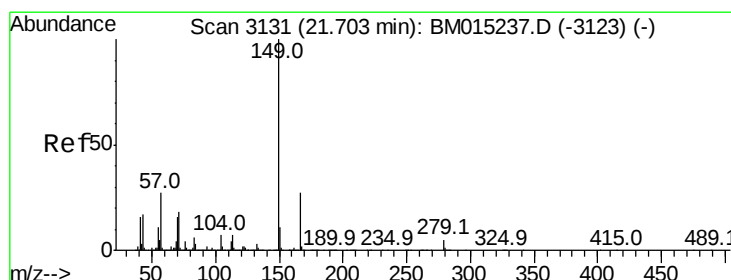
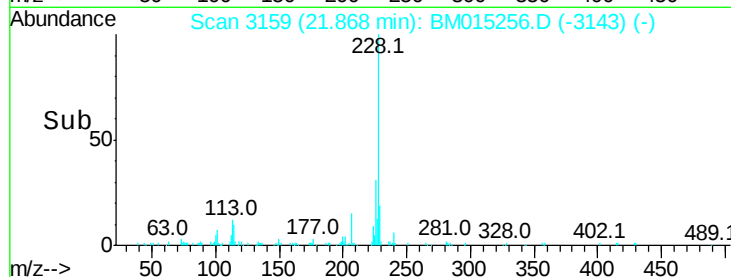
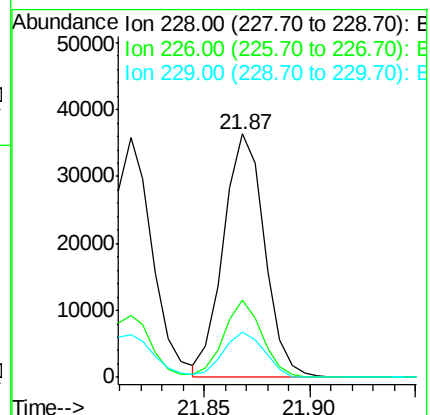
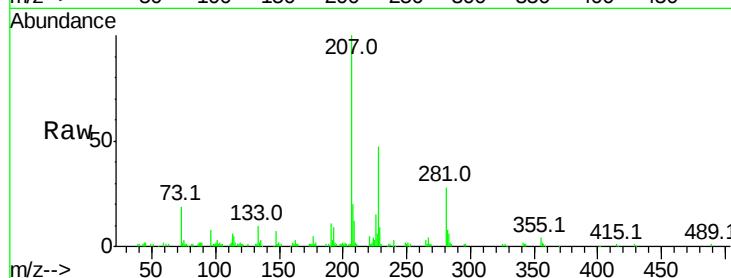
Tot Ion:228 Resp: 49056

Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

229 18.6 15.5 23.3



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.649 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

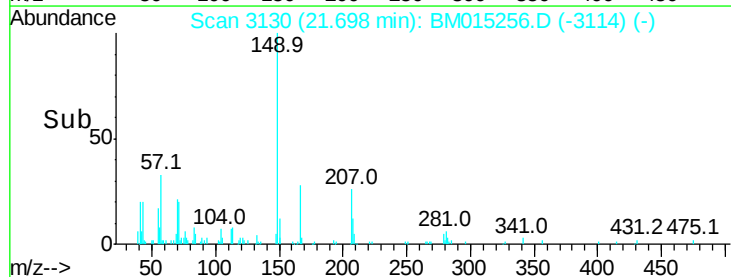
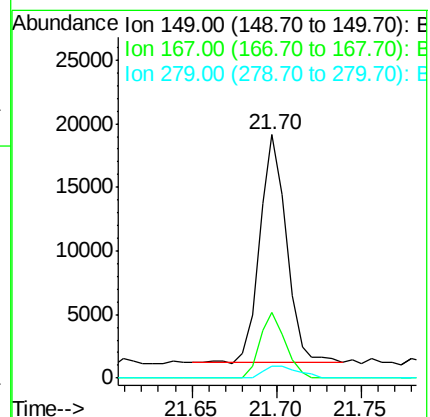
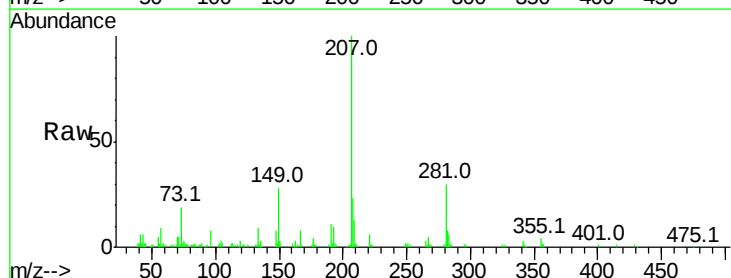
Tgt Ion:149 Resp: 19880

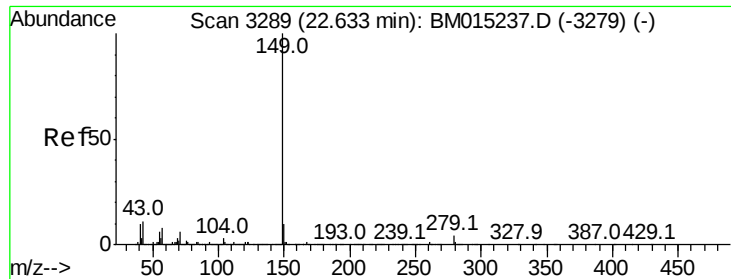
Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

279 5.0 3.4 5.0





#84

Di-n-octyl phthalate

Concen: 0.575 ng

RT: 22.63 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

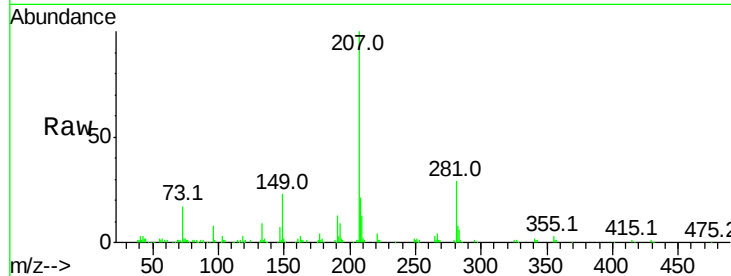
Tot Ion:149 Resp: 30790

Ion Ratio Lower Upper

149 100

167 2.7 1.2 1.8#

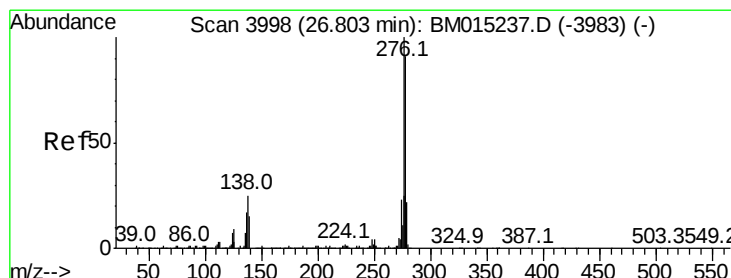
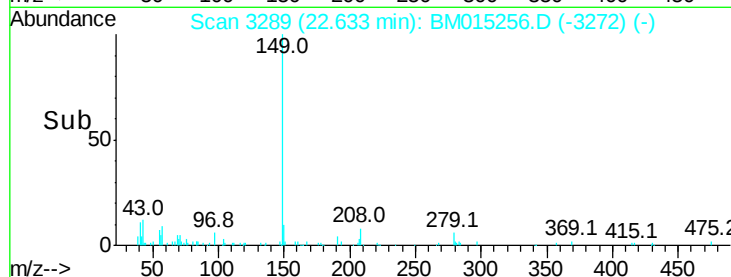
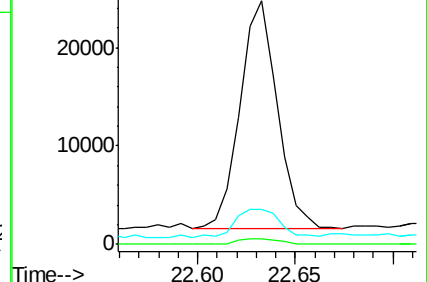
43 16.1 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.909 ng

RT: 26.79 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

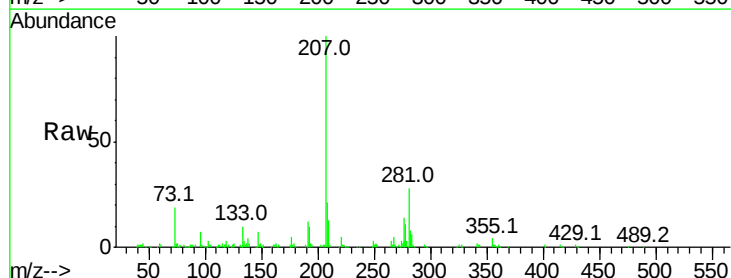
Tgt Ion:276 Resp: 53286

Ion Ratio Lower Upper

276 100

138 26.0 12.0 18.0#

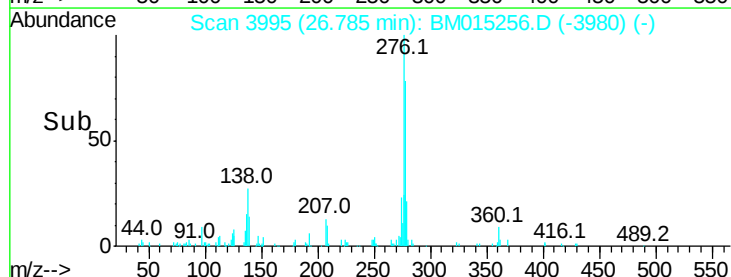
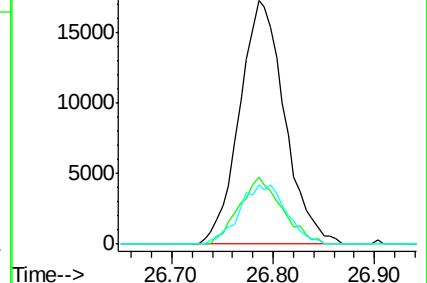
277 25.5 20.0 30.0

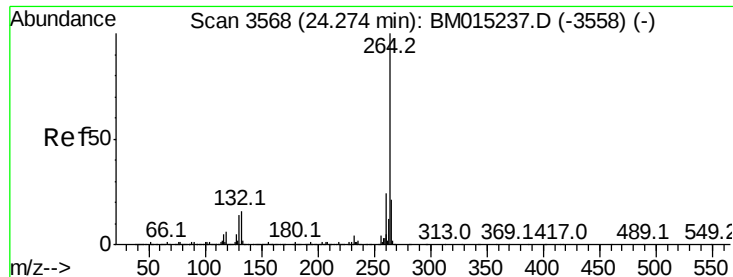


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 24.27 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Instrument :

BNA_M

ClientSampleId :

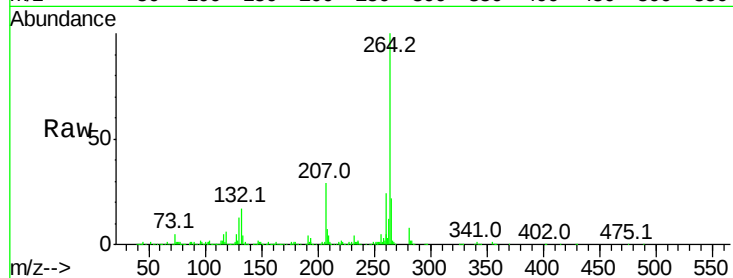
Tot Ion:264 Resp: 843744

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.1	17.3	25.9

264 100

260 23.9 18.6 27.8

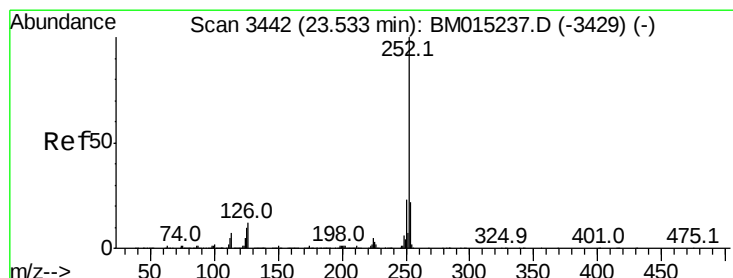
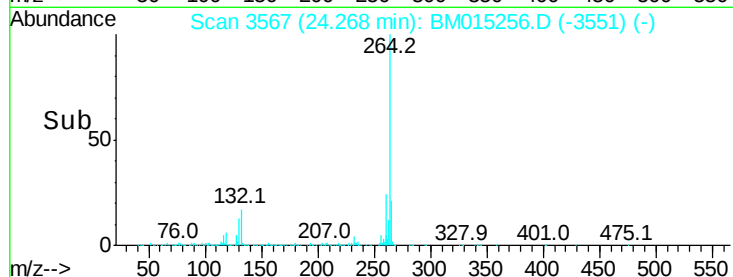
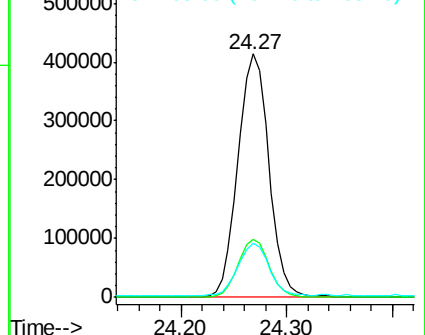
265 22.1 17.3 25.9



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: 0.653 ng

RT: 23.57 min Scan# 3449

Delta R.T. 0.05 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

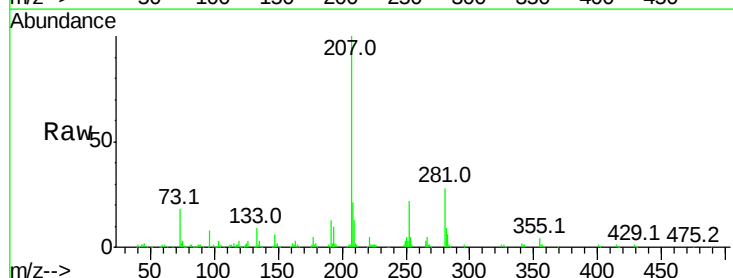
Tgt Ion:252 Resp: 34852

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	11.1	9.9	14.9

252 100

253 23.8 18.0 27.0

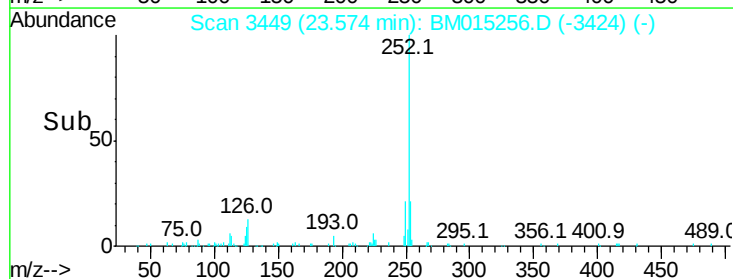
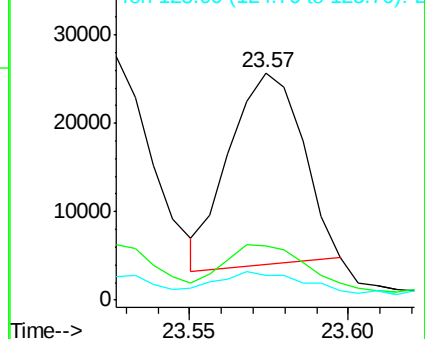
125 11.1 9.9 14.9

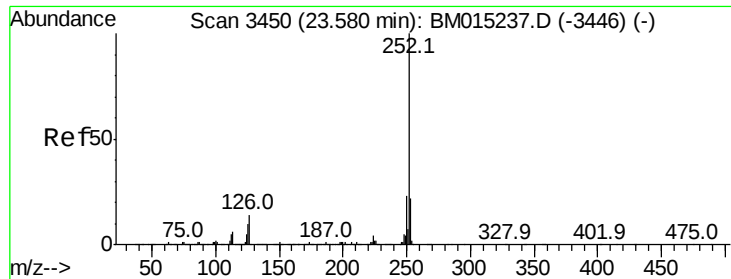


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

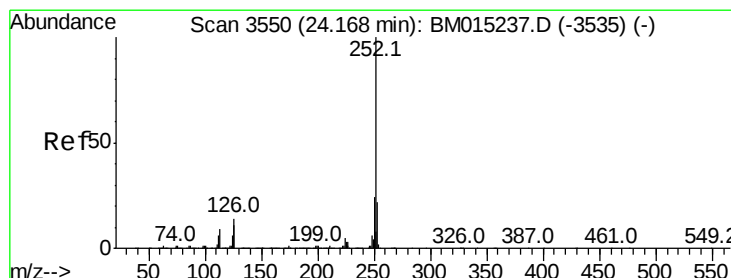
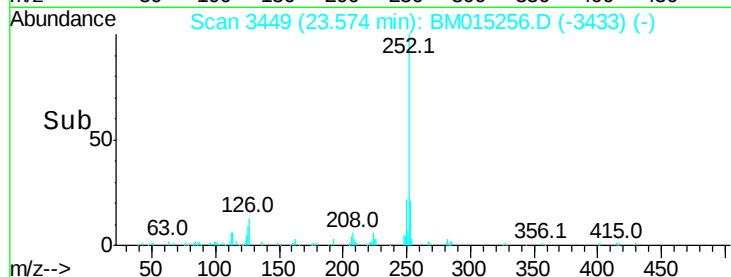
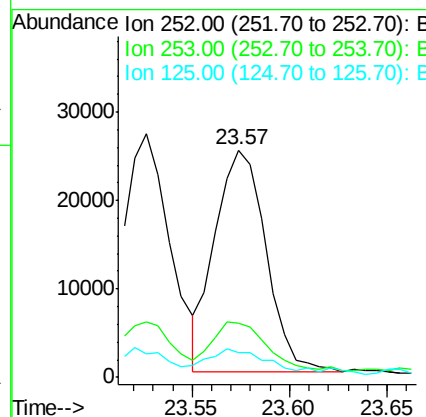
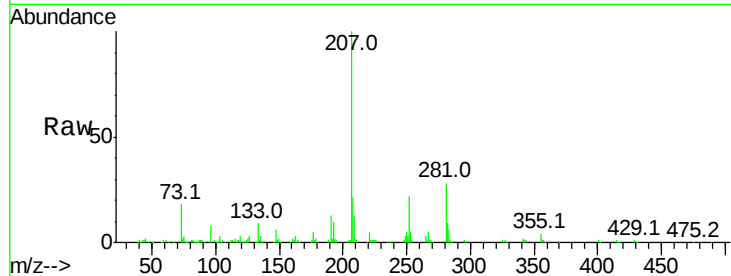




#88
Benzo(k)fluoranthene
Concen: 0.908 ng
RT: 23.57 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

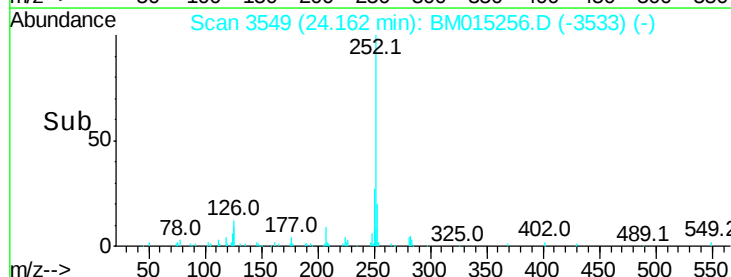
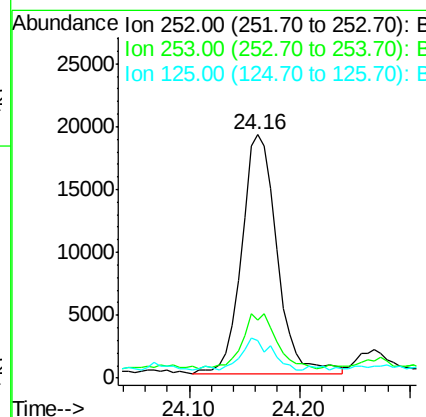
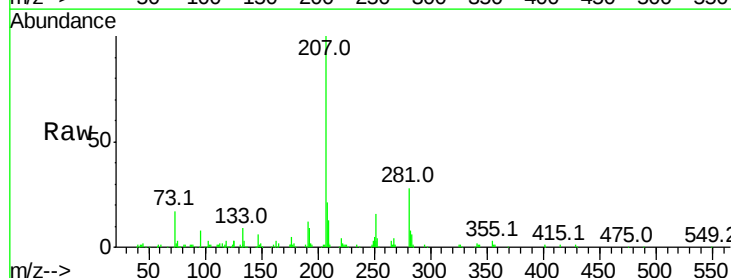
Instrument :
BNA_M
ClientSampleId :

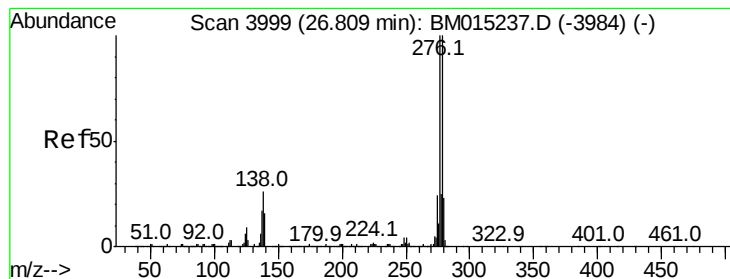
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	11.1	8.1	12.1



#89
Benzo(a)pyrene
Concen: 0.862 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015256.D
Acq: 23 May 2018 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	15.4	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.904 ng

RT: 26.80 min Scan# 3997

Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

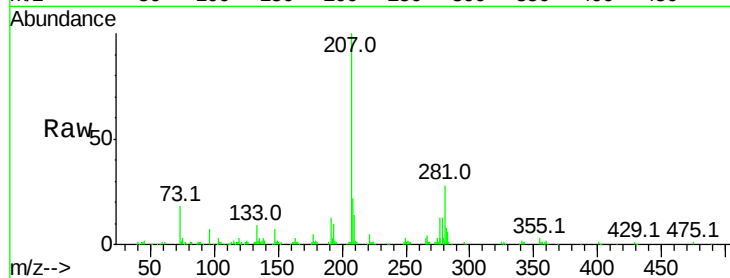
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 45912

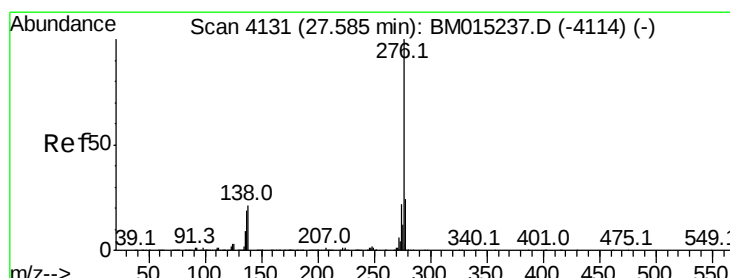
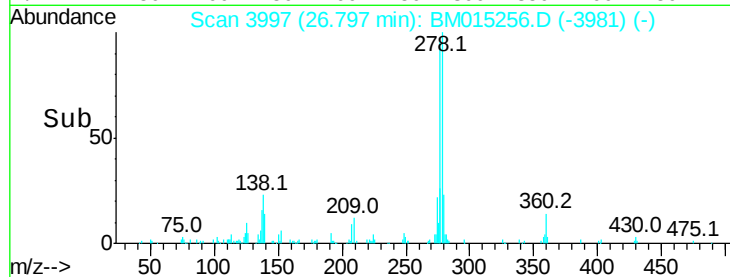
Ion	Ratio	Lower	Upper
278	100		
139	13.6	13.4	20.0
279	22.9	19.0	28.4



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(g,h,i)perylene

Concen: 0.907 ng

RT: 27.57 min Scan# 4128

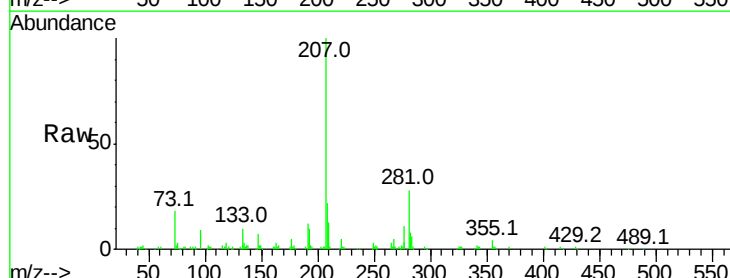
Delta R.T. -0.01 min

Lab File: BM015256.D

Acq: 23 May 2018 00:53

Tgt Ion:276 Resp: 44892

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	21.7	19.0	28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

