

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015254.D
 Acq On : 22 May 2018 23:40
 Operator : SJ/JU
 Sample : J2133-07
 Misc : LOD 5 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 23 04:11:16 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	191817	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	763447	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	394492	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	824436	20.00	ng	0.00
75) Chrysene-d12	21.83	240	840616	20.00	ng	0.00
86) Perylene-d12	24.27	264	864604	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1601254	136.58	ng	0.00
7) Phenol-d6	7.55	99	2023065	132.51	ng	0.00
23) Nitrobenzene-d5	9.59	82	1213107	87.05	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	701575	141.82	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	2661292	83.86	ng	0.00
78) Terphenyl-d14	20.29	244	3568964	93.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	24946	5.150	ng	# 100
3) Pyridine	4.09	79	44669	3.600	ng	# 85
4) n-Nitrosodimethylamine	3.99	42	26674	3.973	ng	# 60
6) Aniline	7.72	93	86719	4.610	ng	91
8) 2-Chlorophenol	7.96	128	62333	4.711	ng	95
9) Benzaldehyde	7.54	77	34621	3.585	ng	89
10) Phenol	7.57	94	73459	4.738	ng	84
11) bis(2-Chloroethyl)ether	7.82	93	58187	4.732	ng	94
12) 1,3-Dichlorobenzene	8.29	146	76025	5.040	ng	# 95
13) 1,4-Dichlorobenzene	8.45	146	77311	5.068	ng	95
14) 1,2-Dichlorobenzene	8.77	146	74418	5.140	ng	97
15) Benzyl Alcohol	8.65	79	48368	4.381	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	94703	4.881	ng	95
17) 2-Methylphenol	8.85	107	48652	4.721	ng	# 93
18) Hexachloroethane	9.50	117	25788	4.761	ng	# 85
19) n-Nitroso-di-n-propylamine	9.22	70	43622	4.483	ng	90
20) 3+4-Methylphenols	9.17	107	64419	4.707	ng	92
22) Acetophenone	9.25	105	91681	5.006	ng	# 94
24) Nitrobenzene	9.63	77	76736	5.288	ng	97
25) Isophorone	10.16	82	99200	4.144	ng	94
26) 2-Nitrophenol	10.35	139	23366	3.589	ng	# 76
27) 2,4-Dimethylphenol	10.39	122	42159	3.570	ng	92
28) bis(2-Chloroethoxy)methane	10.63	93	69005	4.402	ng	96
29) 2,4-Dichlorophenol	10.89	162	47008	4.204	ng	98
30) 1,2,4-Trichlorobenzene	11.10	180	68035	5.165	ng	92
31) Naphthalene	11.29	128	196733	4.958	ng	98
32) Benzoic acid	10.47	122	26552	3.887	ng	90
33) 4-Chloroaniline	11.40	127	70855	4.474	ng	# 92
34) Hexachlorobutadiene	11.56	225	41001	5.234	ng	96
35) Caprolactam	12.16	113	10653	3.366	ng	91
36) 4-Chloro-3-methylphenol	12.49	107	47061	4.120	ng	93
37) 2-Methylnaphthalene	12.87	142	130361	4.741	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	69077	4.971	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	19441	7.271	ng	99

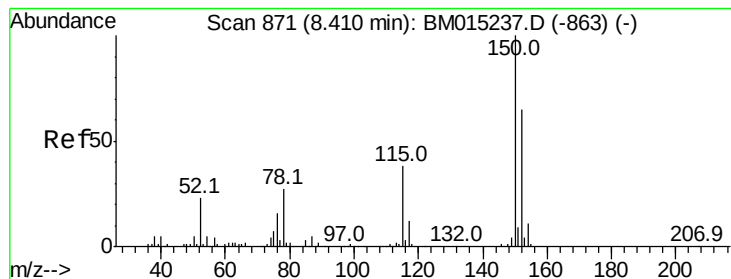
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052218\
 Data File : BM015254.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.47	196	32765	3.924	ng	98
43) 2,4,5-Trichlorophenol	13.54	196	39598	4.392	ng	# 88
45) 1,1'-Biphenyl	13.86	154	180511	5.230	ng	99
46) 2-Chloronaphthalene	13.91	162	133626	5.030	ng	95
47) 2-Nitroaniline	14.11	65	27373	3.617	ng	88
48) Acenaphthylene	14.75	152	186279	4.721	ng	99
49) Dimethylphthalate	14.46	163	156915	4.984	ng	99
50) 2,6-Dinitrotoluene	14.59	165	28589	4.353	ng	90
51) Acenaphthene	15.08	154	125042	5.087	ng	98
52) 3-Nitroaniline	14.92	138	25816	3.733	ng	# 79
53) 2,4-Dinitrophenol	15.13	184	7066	8.198	ng	88
54) Dibenzofuran	15.41	168	189207	4.882	ng	93
55) 4-Nitrophenol	15.22	139	16002	2.853	ng	# 56
56) 2,4-Dinitrotoluene	15.37	165	30155	3.353	ng	# 85
57) Fluorene	16.05	166	148707	4.856	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.63	232	29731	3.845	ng	# 100
59) Diethylphthalate	15.80	149	147670	4.758	ng	98
60) 4-Chlorophenyl-phenylether	16.03	204	75781	4.858	ng	96
61) 4-Nitroaniline	16.07	138	24094	3.332	ng	# 68
62) Azobenzene	16.33	77	126656	4.296	ng	91
64) 4,6-Dinitro-2-methylphenol	16.13	198	13884	3.051	ng	95
65) n-Nitrosodiphenylamine	16.24	169	122322	4.618	ng	99
66) 4-Bromophenyl-phenylether	16.92	248	42746	4.641	ng	# 85
67) Hexachlorobenzene	17.04	284	51936	4.896	ng	# 87
68) Atrazine	17.17	200	24577	2.925	ng	97
69) Pentachlorophenol	17.39	266	20374	3.451	ng	93
70) Phenanthrene	17.77	178	229702	4.892	ng	98
71) Anthracene	17.87	178	210372	4.494	ng	98
72) Carbazole	18.13	167	193752	4.675	ng	99
73) Di-n-butylphthalate	18.65	149	202791	4.156	ng	98
74) Fluoranthene	19.75	202	239196	4.644	ng	97
76) Benzidine	19.92	184	65317	2.482	ng	98
77) Pyrene	20.11	202	254421	4.795	ng	99
79) Butylbenzylphthalate	20.95	149	83118	3.837	ng	# 86
80) Benzo(a)anthracene	21.82	228	252939	4.775	ng	99
81) 3,3'-Dichlorobenzidine	21.74	252	84865	4.327	ng	97
82) Chrysene	21.87	228	249876	5.008	ng	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	123892	3.932	ng	97
84) Di-n-octyl phthalate	22.63	149	191999	3.484	ng	# 93
85) Indeno(1,2,3-cd)pyrene	26.79	276	290035	4.805	ng	# 91
87) Benzo(b)fluoranthene	23.53	252	258178	4.719	ng	97
88) Benzo(k)fluoranthene	23.57	252	245084	4.736	ng	99
89) Benzo(a)pyrene	24.16	252	230270	4.513	ng	# 97
90) Dibenzo(a,h)anthracene	26.80	278	246814	4.741	ng	98
91) Benzo(g,h,i)perylene	27.56	276	239014	4.714	ng	96

(#) = 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: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampled :

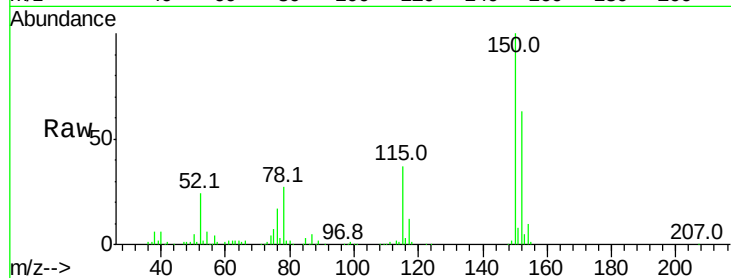
Tot Ion:152 Resp: 191817

Ion Ratio Lower Upper

152 100

150 158.2 119.5 179.3

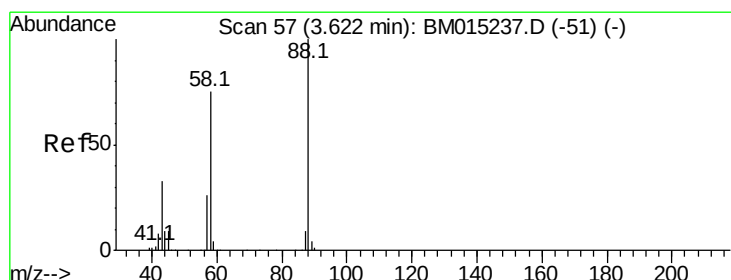
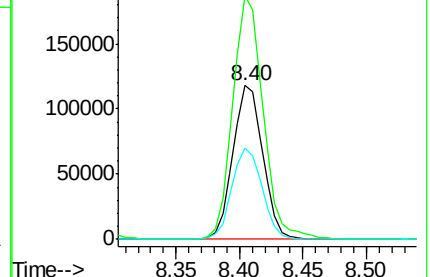
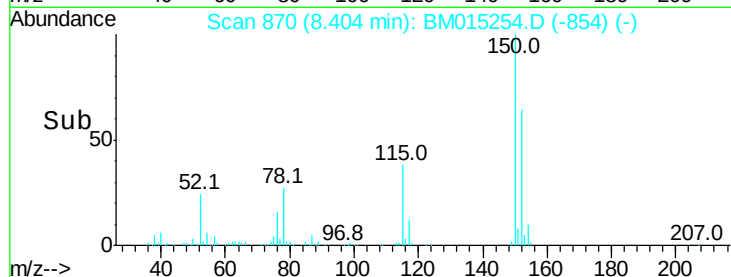
115 59.0 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 5.150 ng

RT: 3.62 min Scan# 57

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

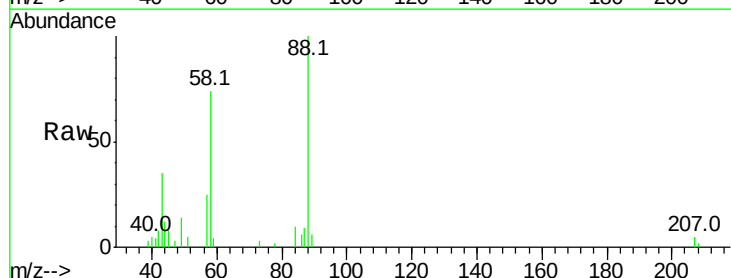
Tgt Ion: 88 Resp: 24946

Ion Ratio Lower Upper

88 100

58 74.9 0.0 0.0#

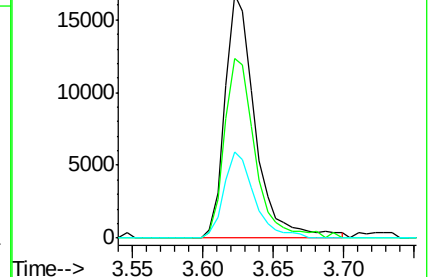
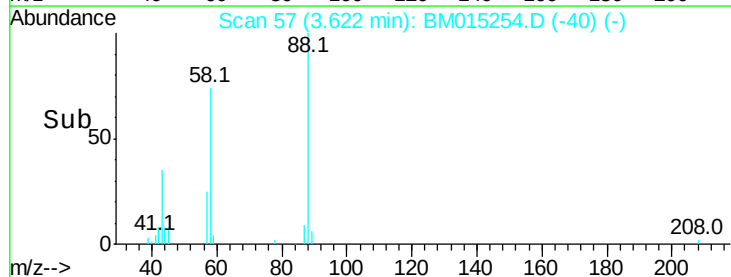
43 35.6 0.0 0.0#

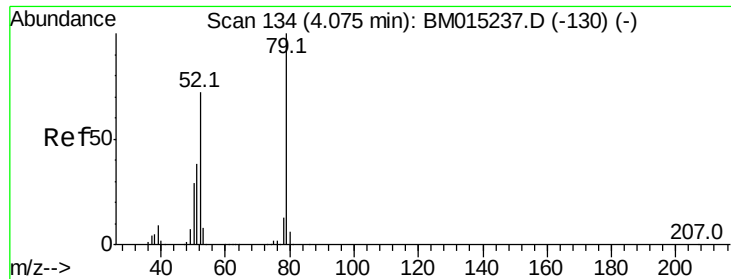


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 3.600 ng

RT: 4.09 min Scan# 137

Delta R.T. 0.02 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

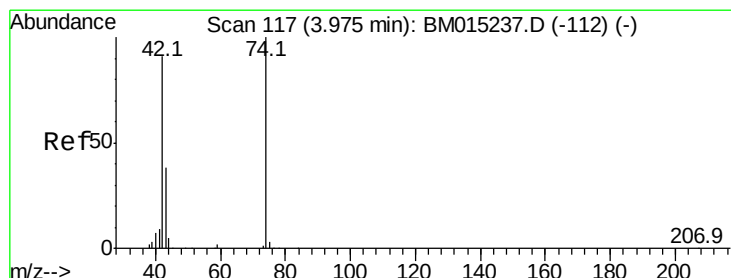
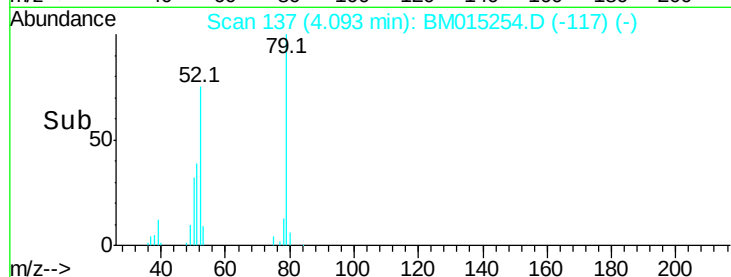
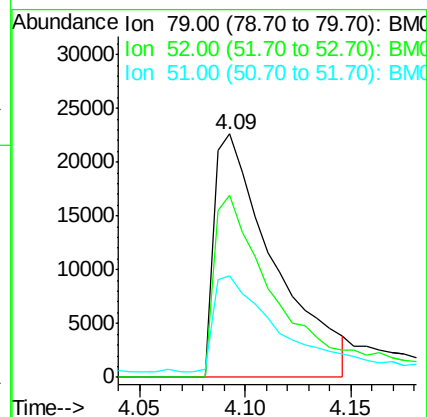
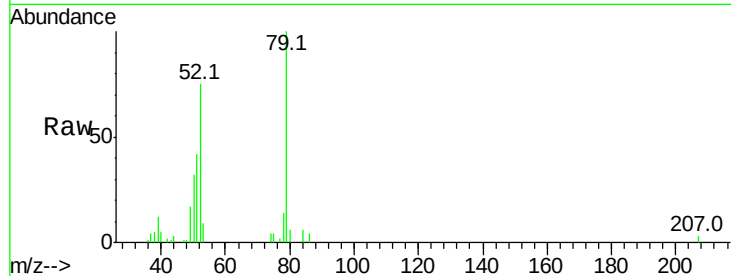
Tot Ion: 79 Resp: 44669

Ion Ratio Lower Upper

79 100

52 75.0 51.1 76.7

51 41.6 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 3.973 ng

RT: 3.99 min Scan# 119

Delta R.T. 0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

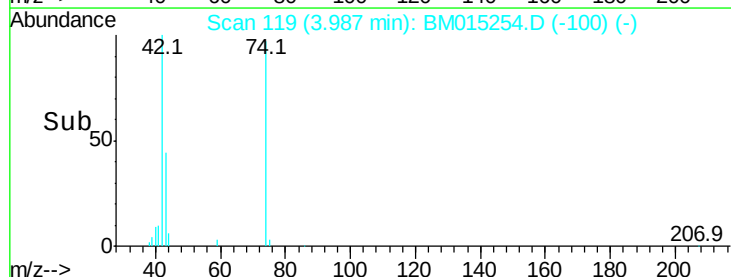
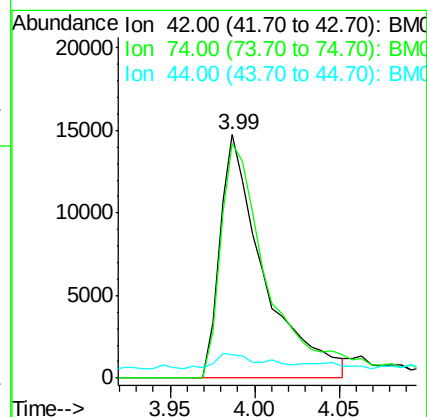
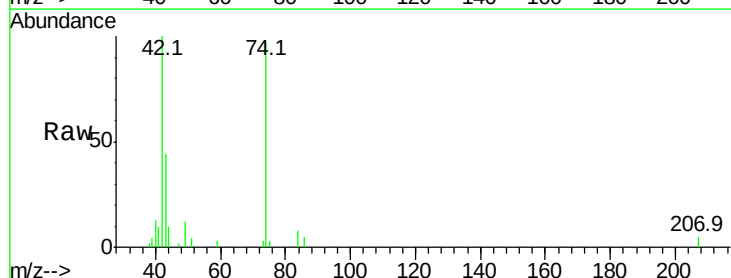
Tgt Ion: 42 Resp: 26674

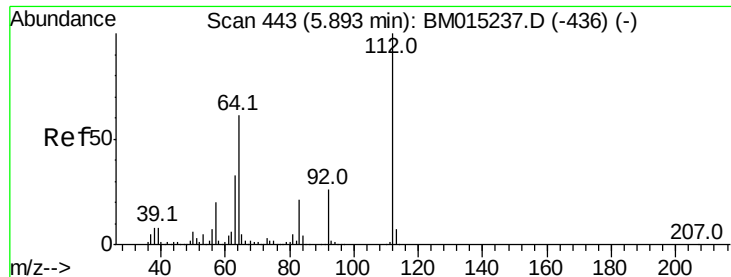
Ion Ratio Lower Upper

42 100

74 96.6 119.3 178.9#

44 9.8 5.4 8.2#





#5

2-Fluorophenol

Concen: 136.577 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

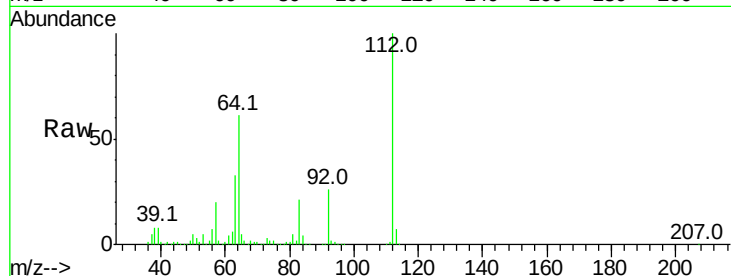
Tot Ion:112 Resp: 1601254

Ion Ratio Lower Upper

112 100

64 60.9 38.6 57.8#

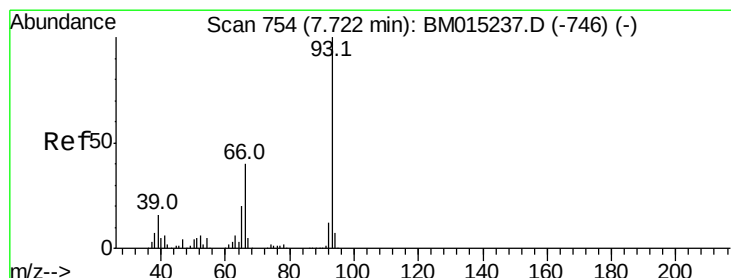
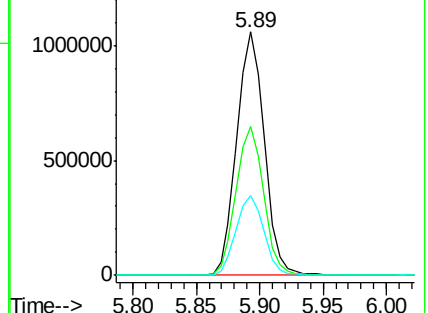
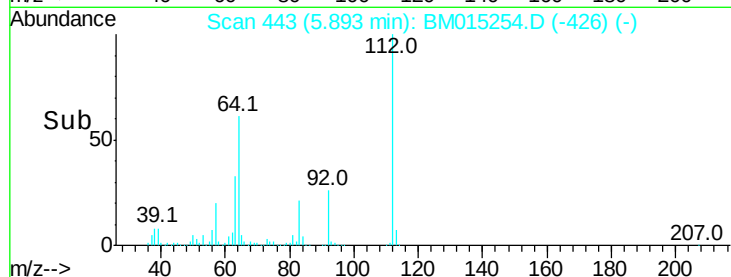
63 33.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 4.610 ng

RT: 7.72 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

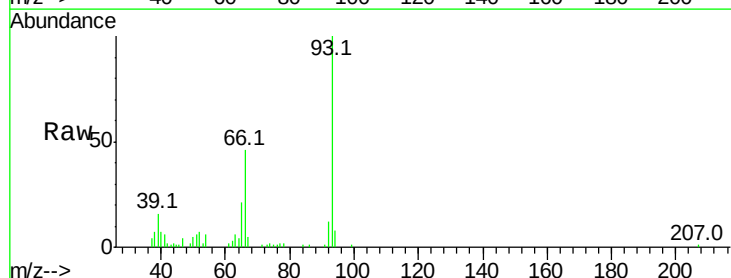
Tgt Ion: 93 Resp: 86719

Ion Ratio Lower Upper

93 100

66 45.8 30.8 46.2

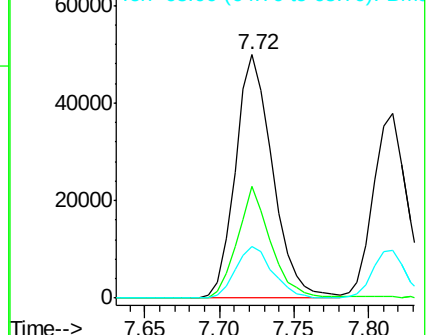
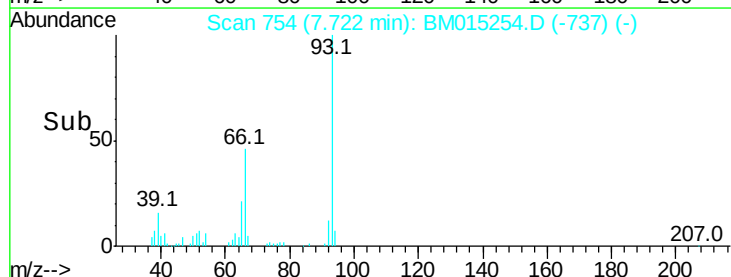
65 21.3 16.0 24.0

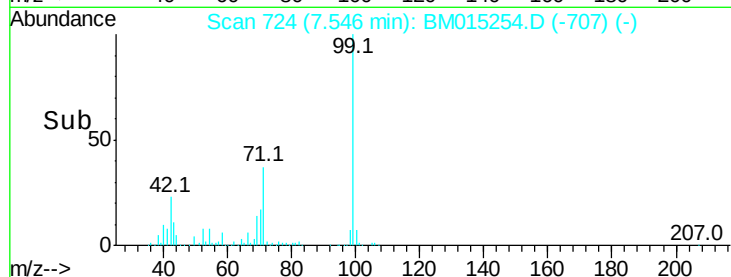
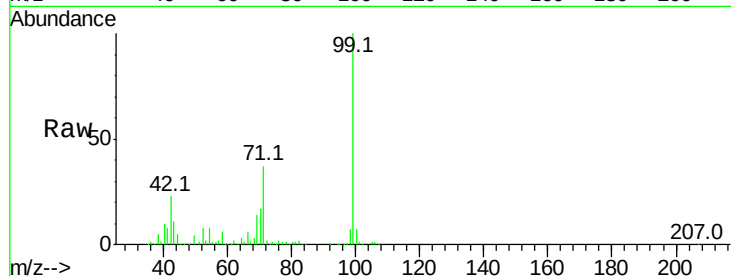
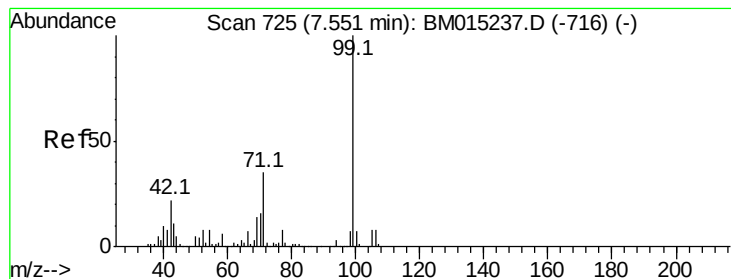


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 132.511 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

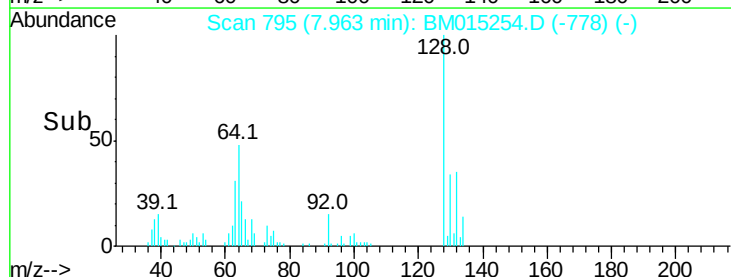
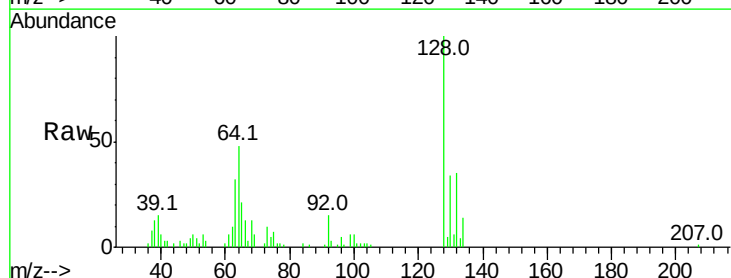
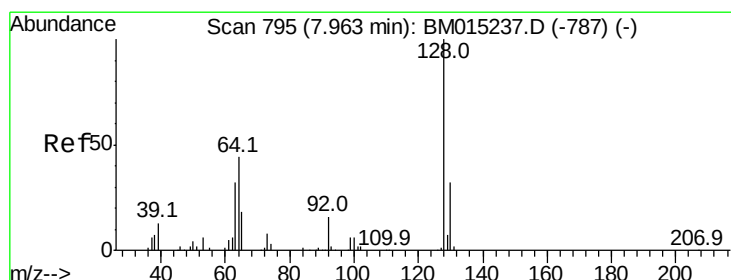
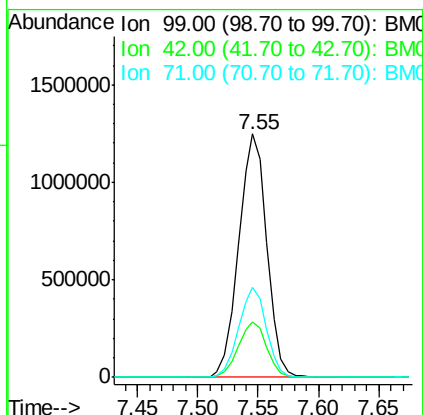
Tot Ion: 99 Resp: 2023065

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

71 37.2 23.4 35.2#



#8

2-Chlorophenol

Concen: 4.711 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

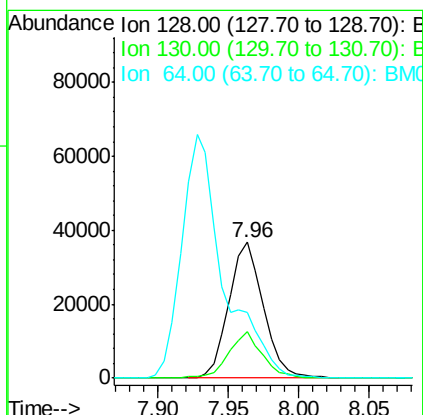
Tgt Ion:128 Resp: 62333

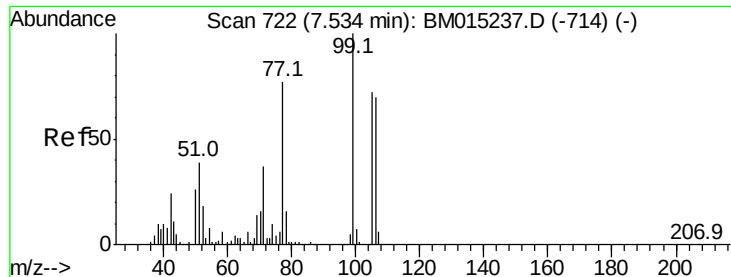
Ion Ratio Lower Upper

128 100

130 34.3 12.0 52.0

64 48.3 24.9 64.9





#9

Benzaldehyde

Concen: 3.585 ng

RT: 7.54 min Scan# 723

Delta R.T. 0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

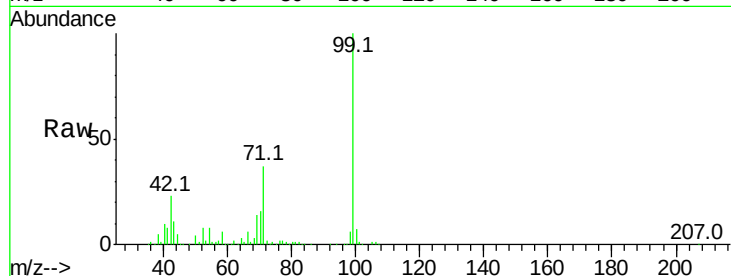
Tot Ion: 77 Resp: 34621

Ion Ratio Lower Upper

77 100

105 87.6 78.8 118.8

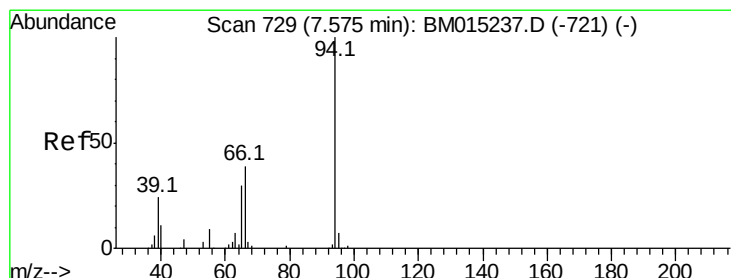
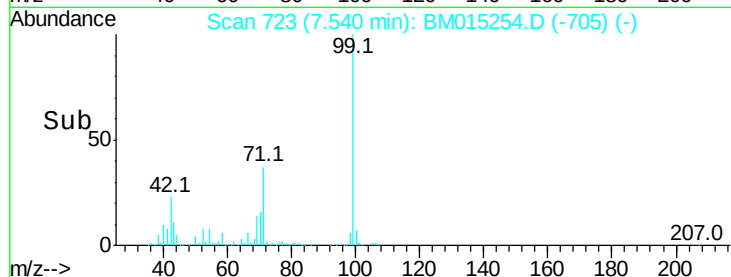
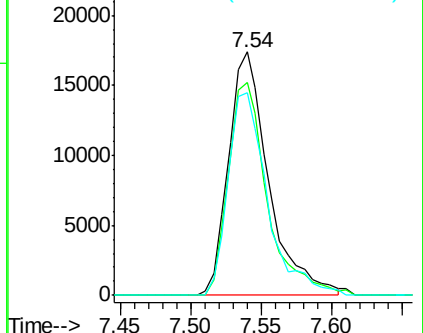
106 83.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM015237.D (-714) (-)

Ion 105.00 (104.70 to 105.70): BM015237.D (-714) (-)

Ion 106.00 (105.70 to 106.70): BM015237.D (-714) (-)



#10

Phenol

Concen: 4.738 ng

RT: 7.57 min Scan# 729

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

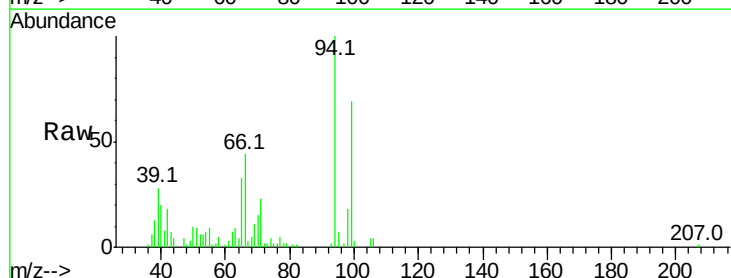
Tgt Ion: 94 Resp: 73459

Ion Ratio Lower Upper

94 100

65 32.7 18.8 58.8

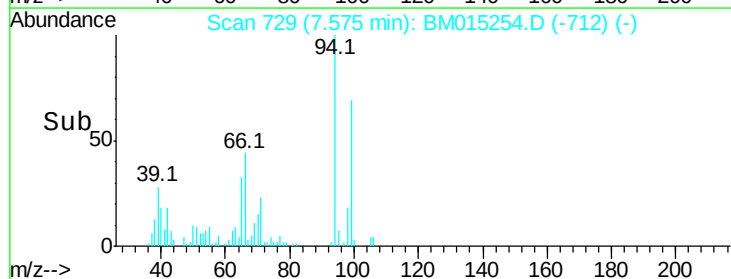
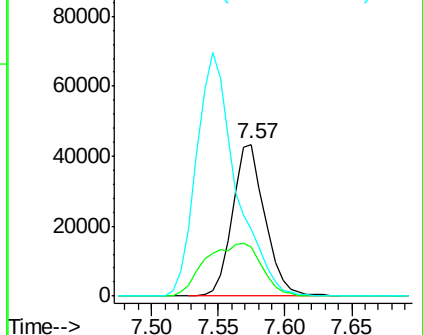
66 44.3 39.9 79.9

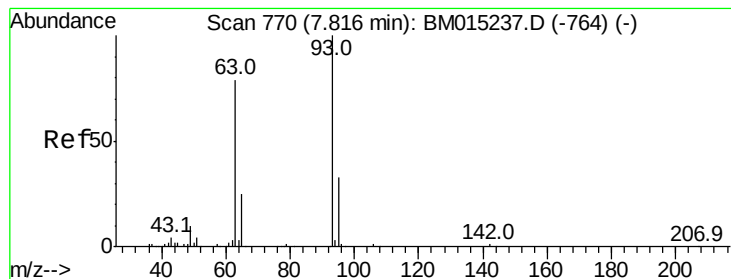


Abundance Ion 94.00 (93.70 to 94.70): BM015237.D (-721) (-)

Ion 65.00 (64.70 to 65.70): BM015237.D (-721) (-)

Ion 66.00 (65.70 to 66.70): BM015237.D (-721) (-)





#11

bis(2-Chloroethyl)ether

Concen: 4.732 ng

RT: 7.82 min Scan# 770

Delta R.T. 0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

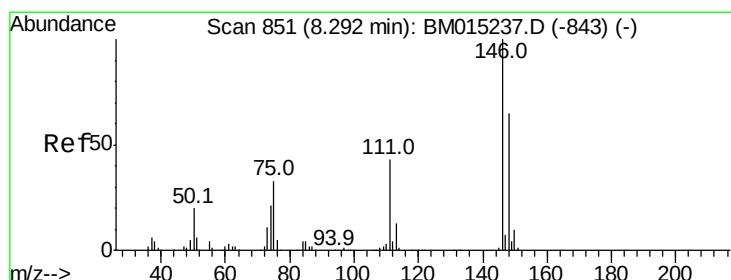
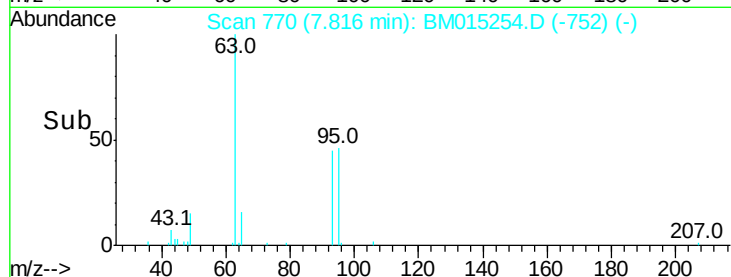
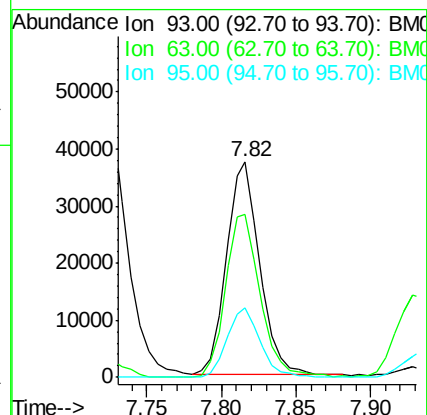
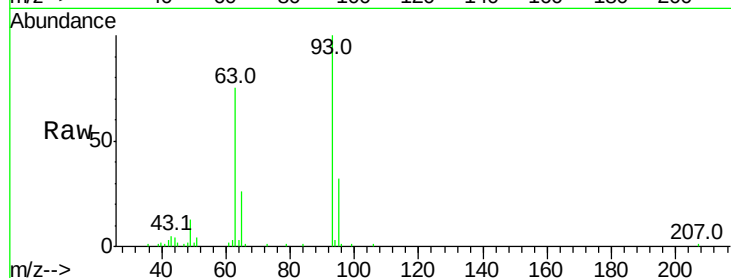
Tot Ion: 93 Resp: 58187

Ion Ratio Lower Upper

93 100

63 75.4 49.5 89.5

95 32.3 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 5.040 ng

RT: 8.29 min Scan# 851

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

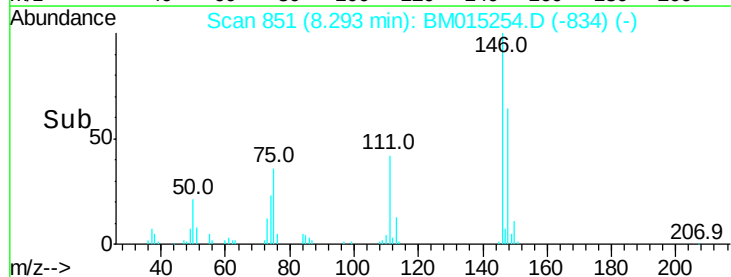
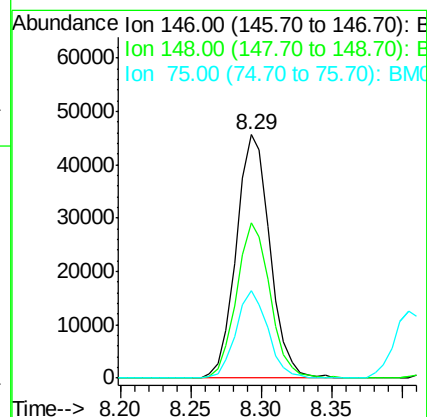
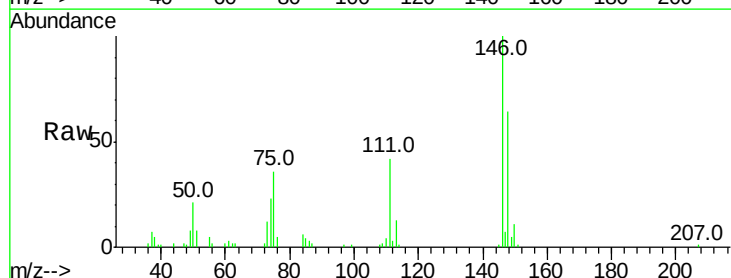
Tgt Ion: 146 Resp: 76025

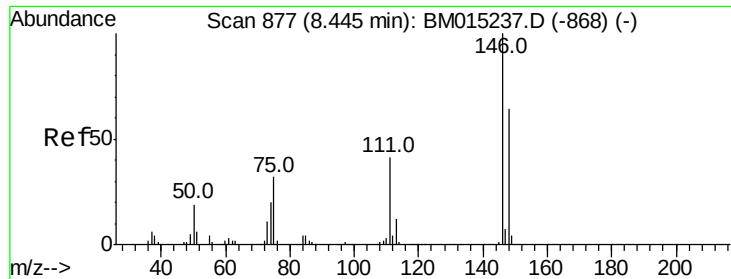
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

75 35.9 21.4 32.2#

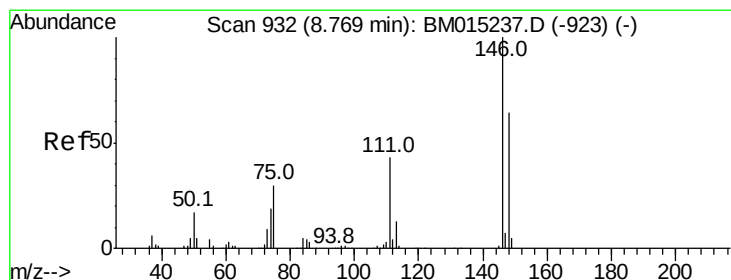
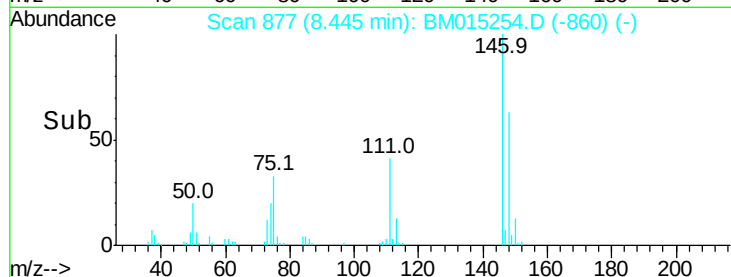
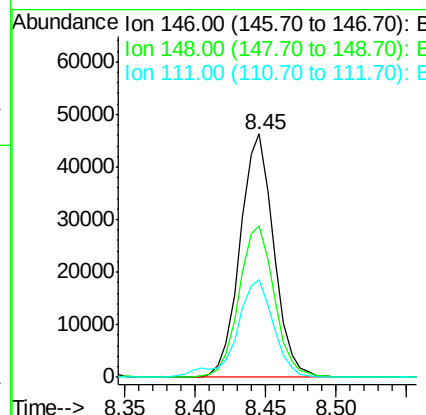
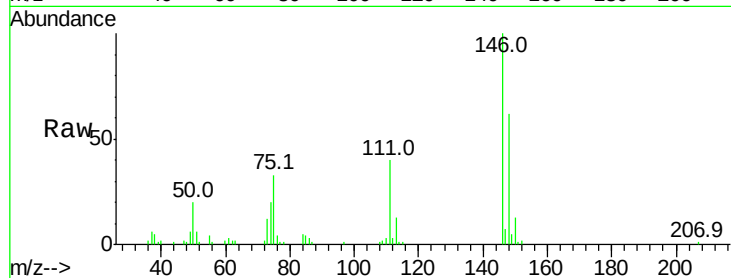




#13
 1,4-Dichlorobenzene
 Concen: 5.068 ng
 RT: 8.45 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

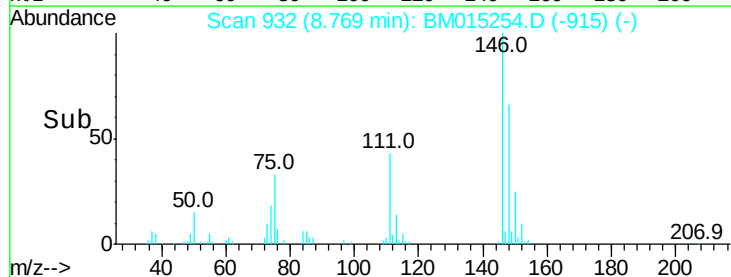
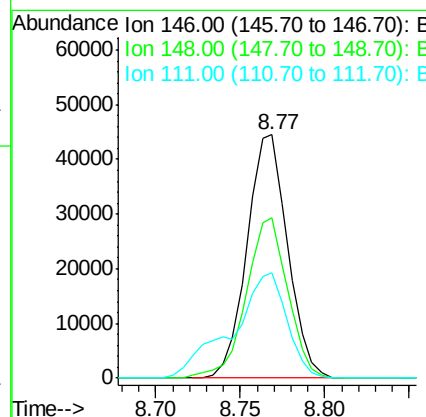
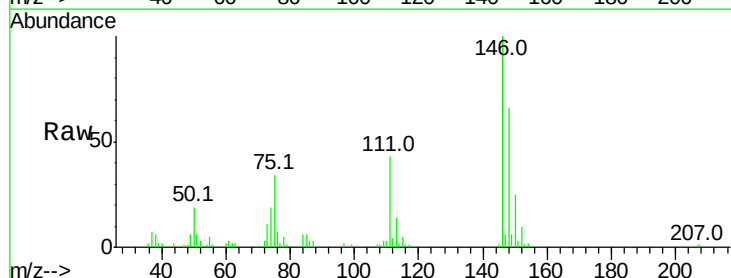
Instrument :
 BNA_M
 ClientSampleId :

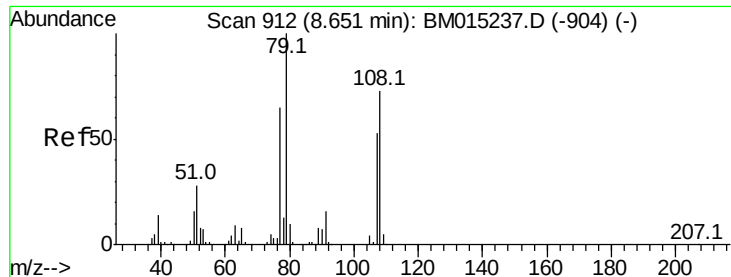
Tot Ion:146 Resp: 77311
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.9 77.9
 111 40.3 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 5.140 ng
 RT: 8.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion:146 Resp: 74418
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 43.4 30.6 45.8





#15

Benzyl Alcohol

Concen: 4.381 ng

RT: 8.65 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

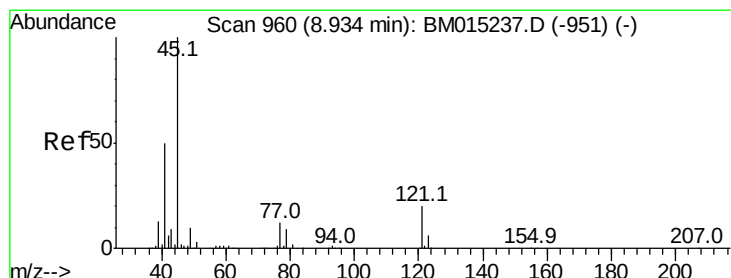
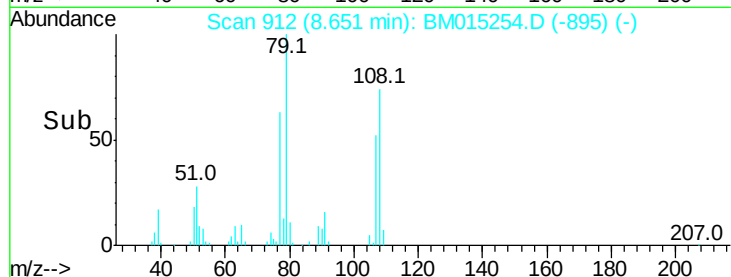
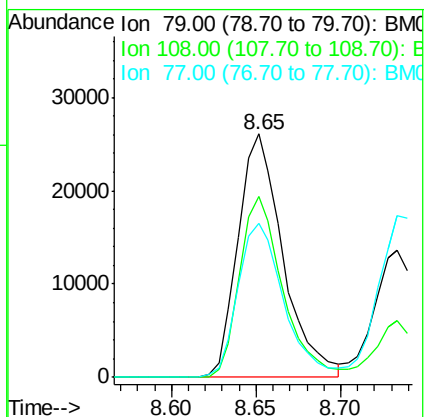
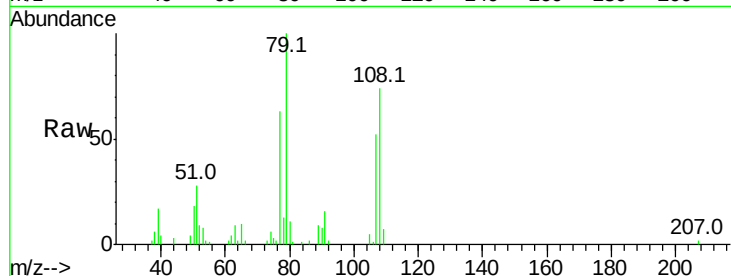
Tot Ion: 79 Resp: 48368

Ion Ratio Lower Upper

79 100

108 74.3 65.0 97.4

77 63.4 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.881 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

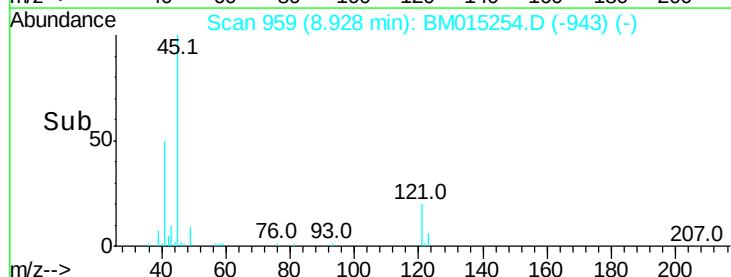
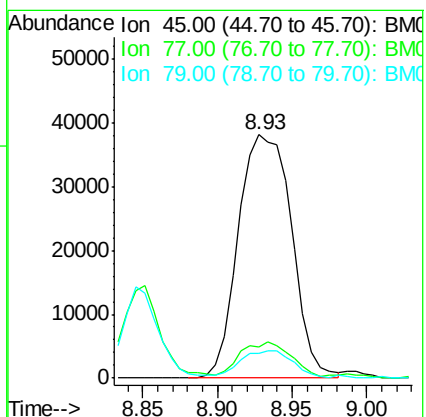
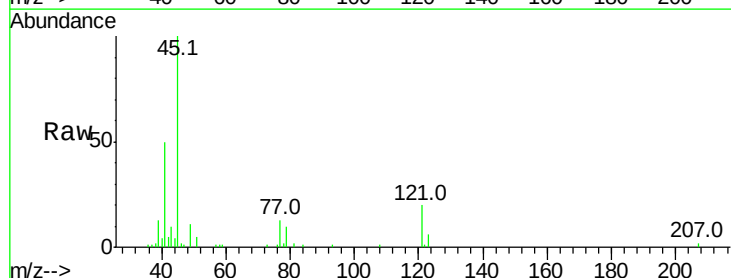
Tgt Ion: 45 Resp: 94703

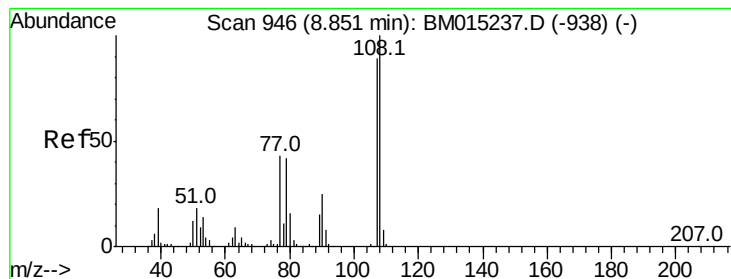
Ion Ratio Lower Upper

45 100

77 12.8 0.0 35.2

79 10.0 0.0 32.0

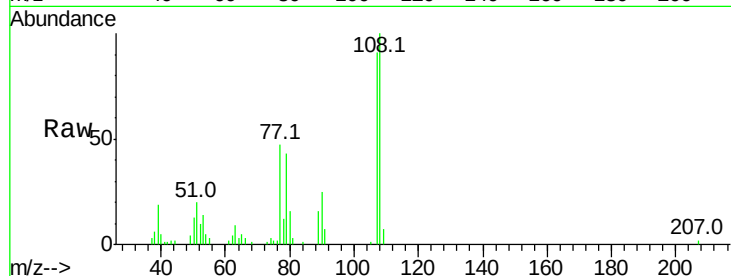




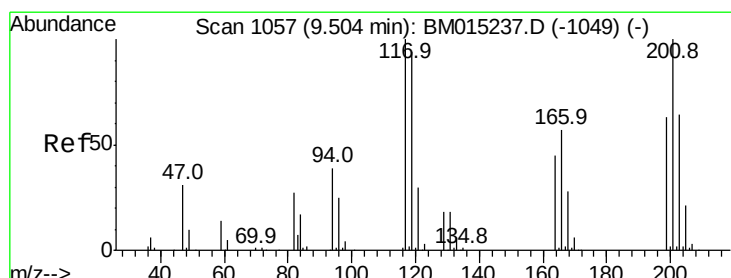
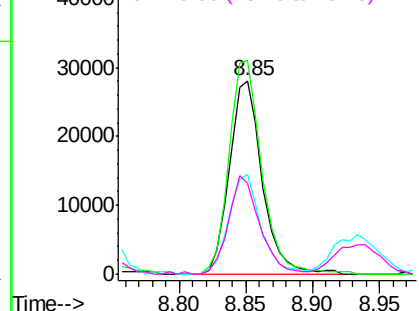
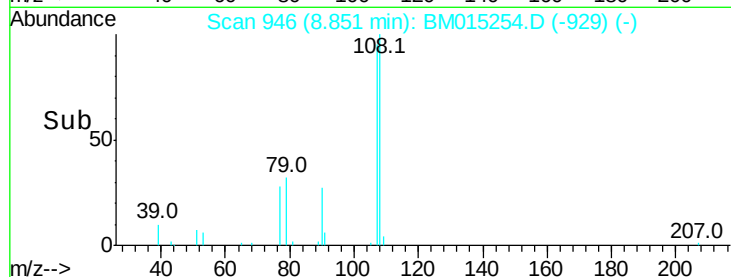
#17
2-Methylphenol
Concen: 4.721 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Instrument :
BNA_M
ClientSampled :

Tot Ion:	107	Resp:	48652
Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.8	134.8
77	51.9	32.6	48.8#
79	47.2	32.8	49.2

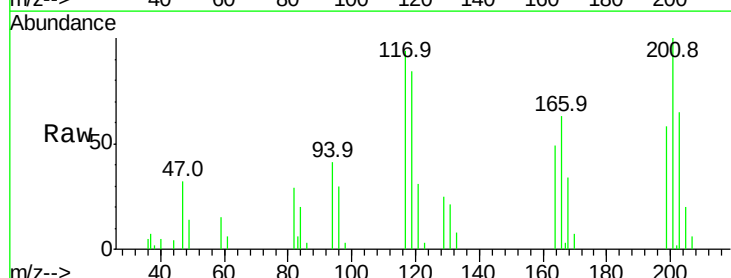


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

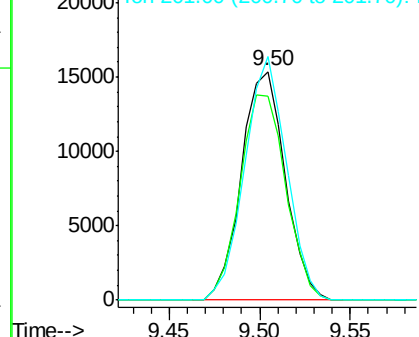
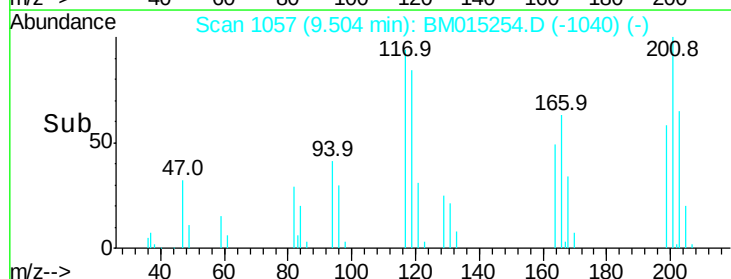


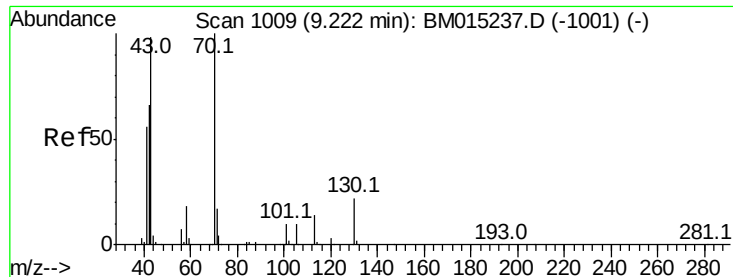
#18
Hexachloroethane
Concen: 4.761 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:	117	Resp:	25788
Ion	Ratio	Lower	Upper
117	100		
119	89.3	79.2	118.8
201	106.6	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

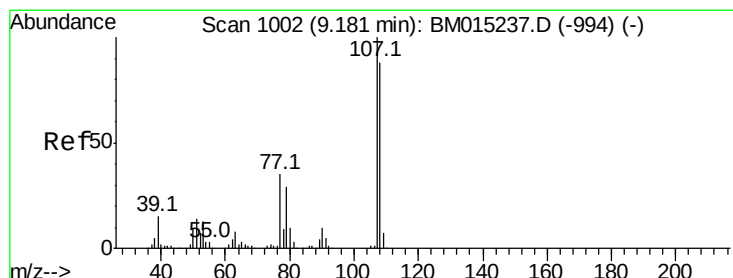
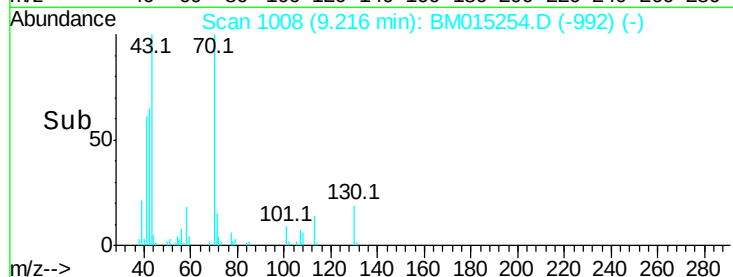
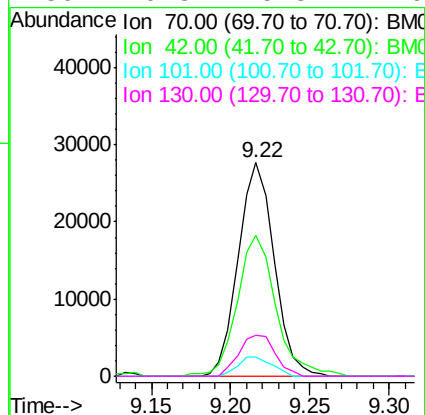
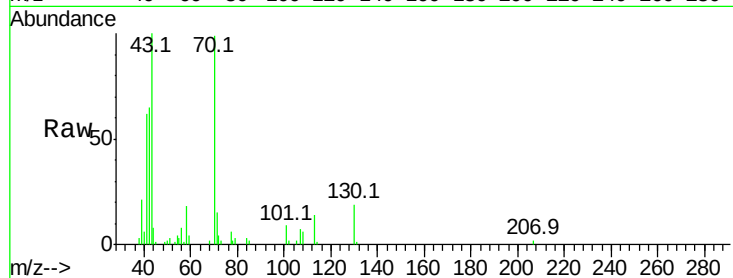




#19
n-Nitroso-di-n-propylamine
Concen: 4.483 ng
RT: 9.22 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

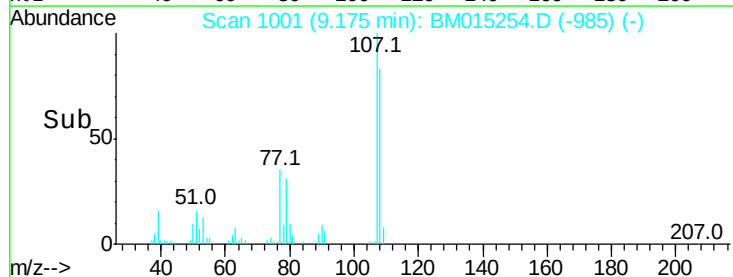
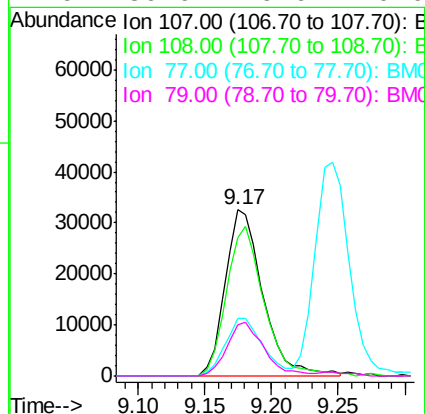
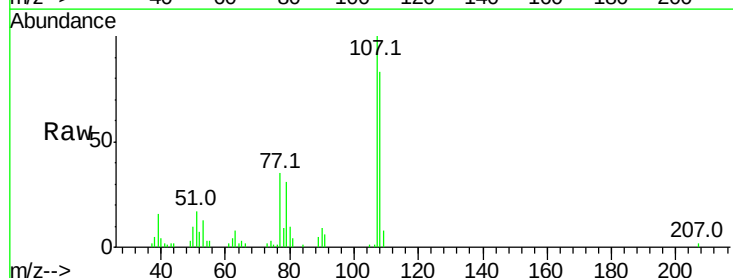
Instrument :
BNA_M
ClientSampleId :

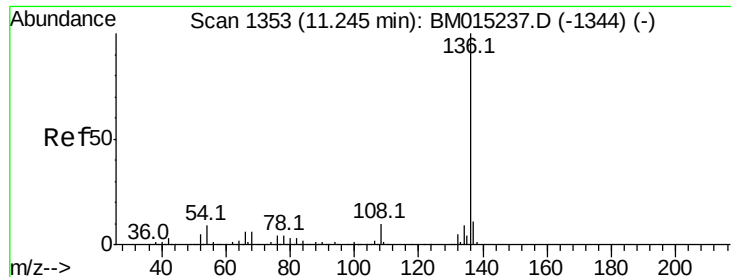
Tot Ion:	70	Resp:	43622
Ion	Ratio	Lower	Upper
70	100		
42	66.2	44.5	66.7
101	9.0	7.4	11.2
130	19.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 4.707 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:	107	Resp:	64419
Ion	Ratio	Lower	Upper
107	100		
108	83.5	73.2	113.2
77	34.8	10.7	50.7
79	30.6	9.6	49.6

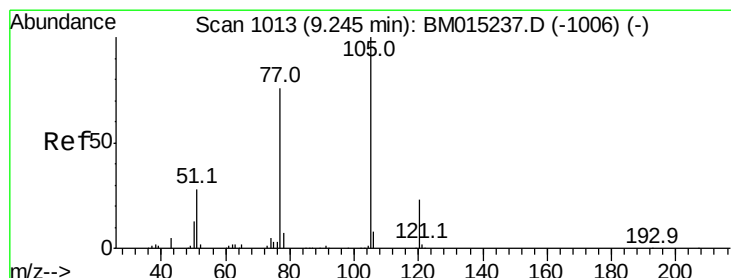
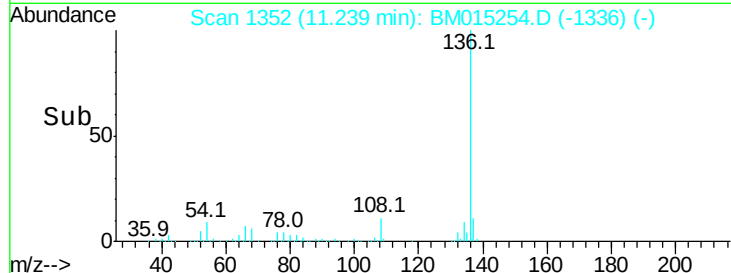
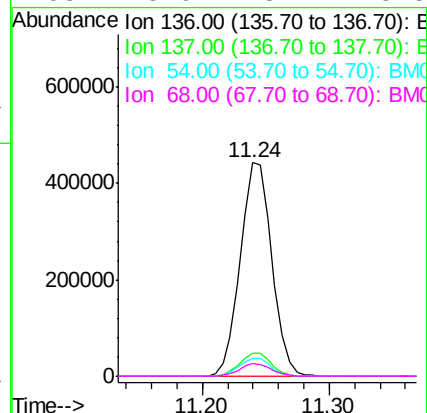
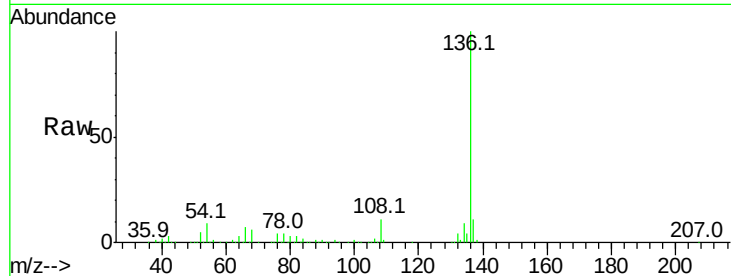




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

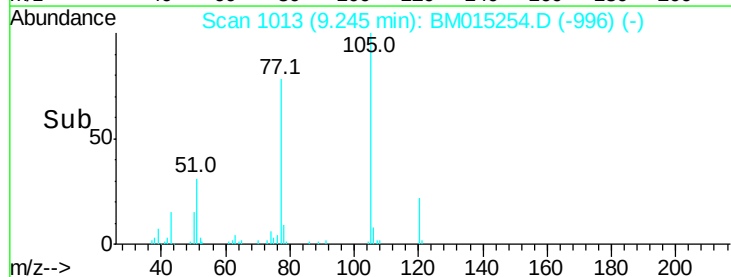
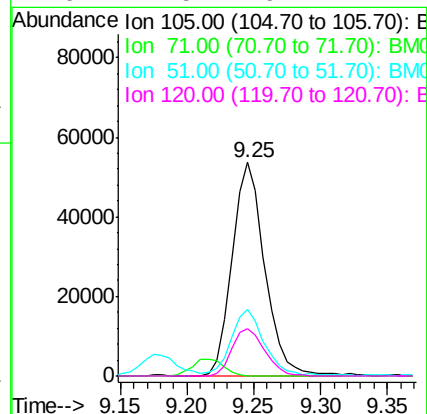
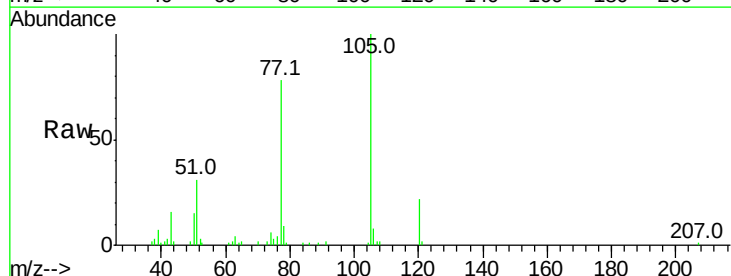
Instrument :
BNA_M
ClientSampleId :

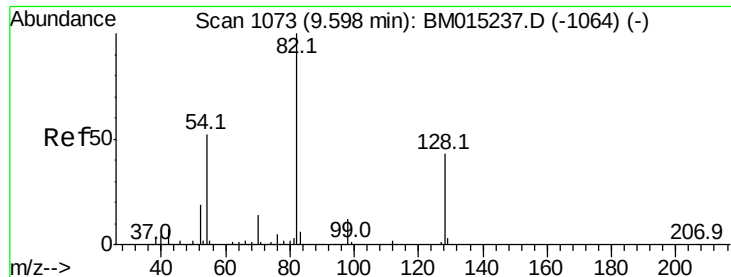
Tot Ion:136	Resp:	763447
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.7 13.1
54	8.5	4.6 6.8#
68	5.9	3.7 5.5#



#22
Acetophenone
Concen: 5.006 ng
RT: 9.25 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:105	Resp:	91681
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	30.9	21.6 32.4
120	22.5	16.1 24.1

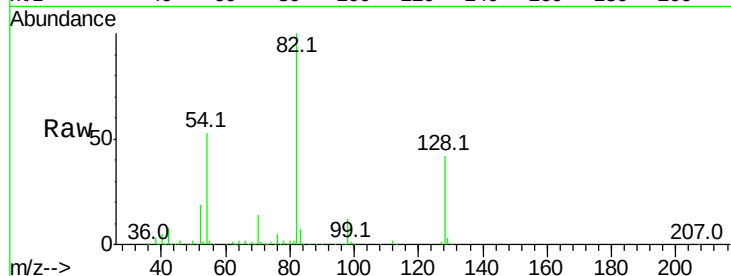




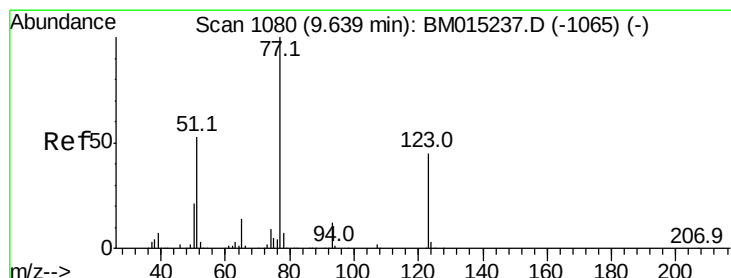
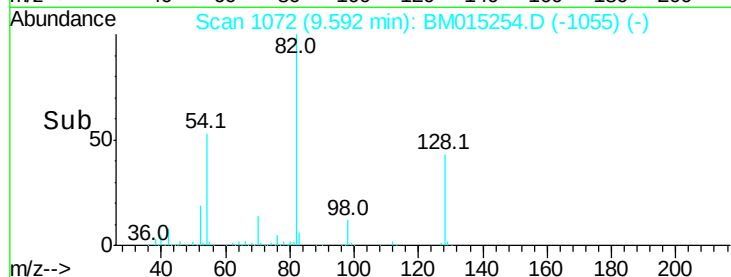
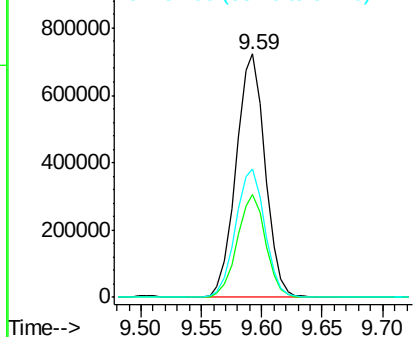
#23
Nitrobenzene-d5
Concen: 87.045 ng
RT: 9.59 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1213107
Ion Ratio Lower Upper
82 100
128 42.4 32.8 49.2
54 52.6 40.6 60.8

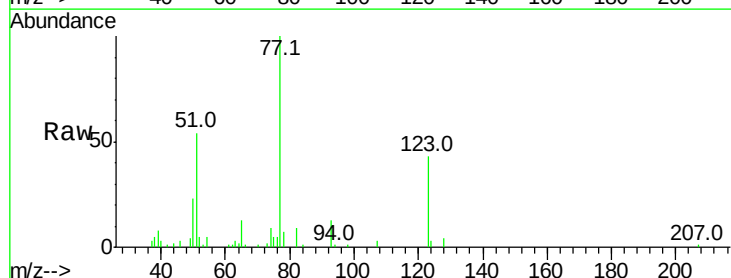


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BM0

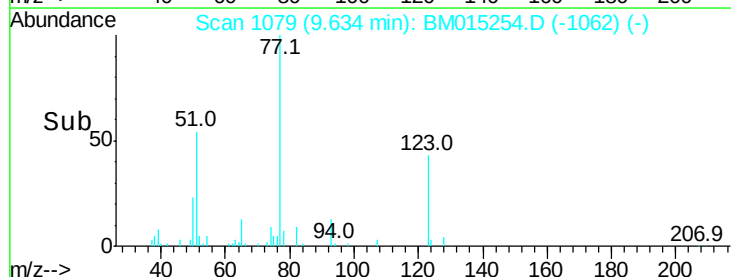
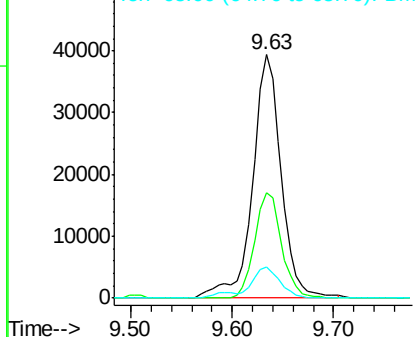


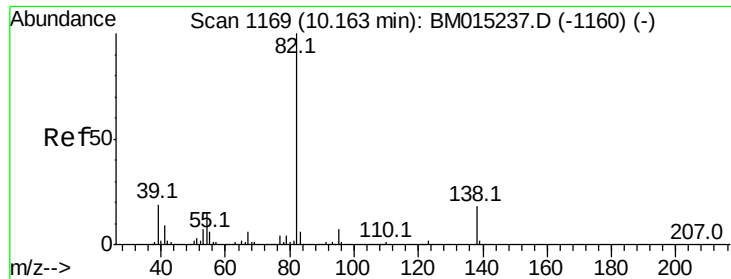
#24
Nitrobenzene
Concen: 5.288 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion: 77 Resp: 76736
Ion Ratio Lower Upper
77 100
123 43.2 32.6 49.0
65 12.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BM0





#25

Isophorone

Concen: 4.144 ng

RT: 10.16 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

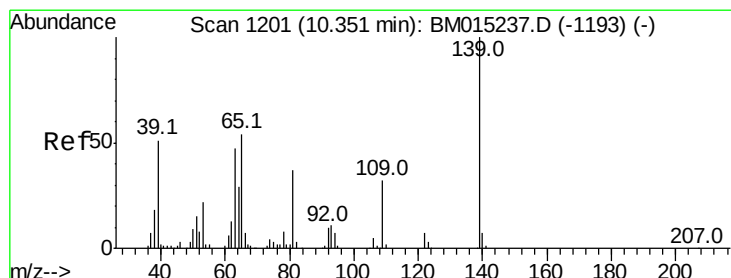
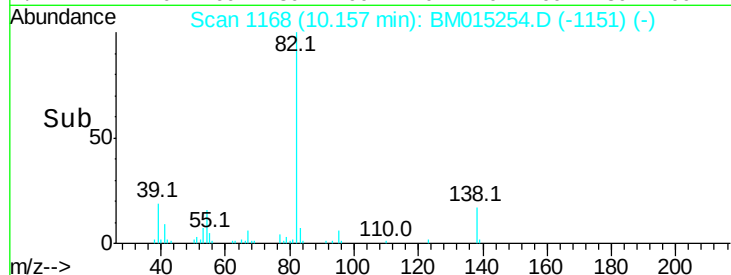
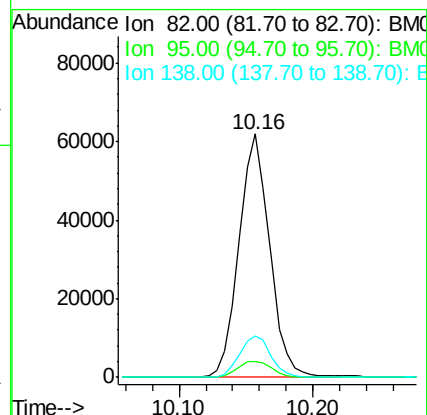
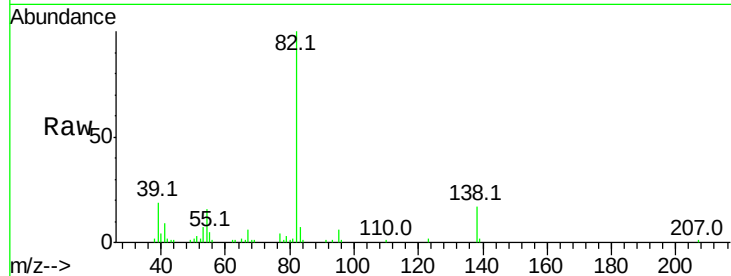
Tot Ion: 82 Resp: 99200

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 16.8 16.3 24.5



#26

2-Nitrophenol

Concen: 3.589 ng

RT: 10.35 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

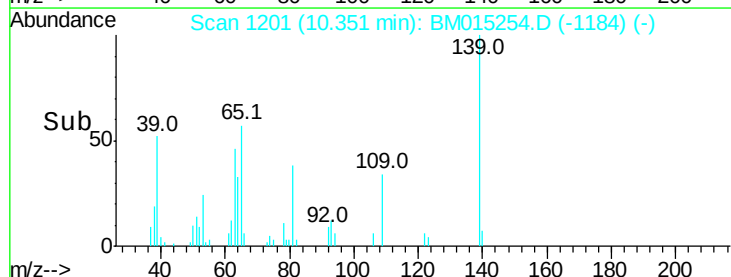
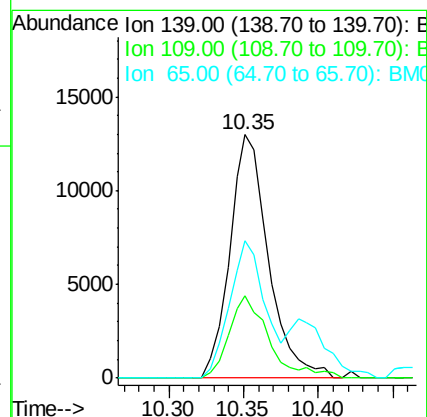
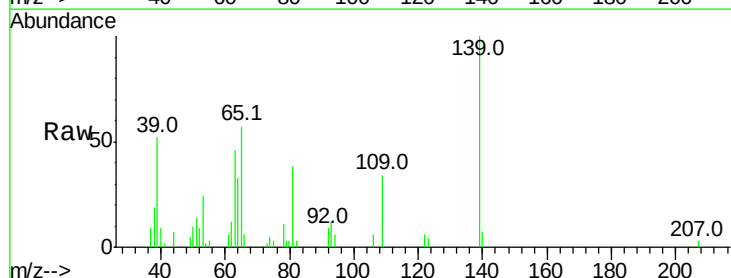
Tgt Ion: 139 Resp: 23366

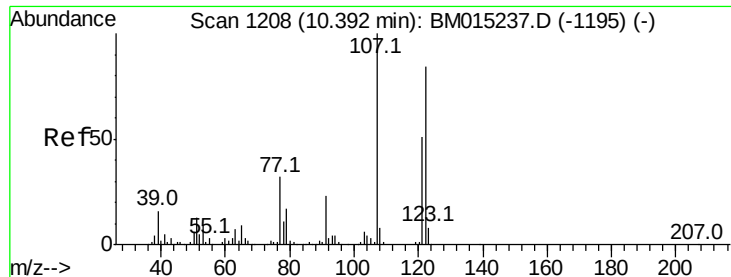
Ion Ratio Lower Upper

139 100

109 34.1 20.1 30.1#

65 56.6 31.5 47.3#

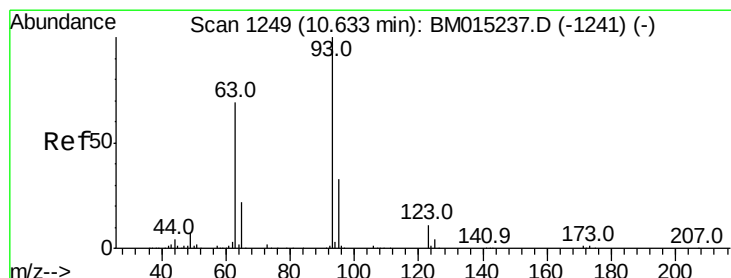
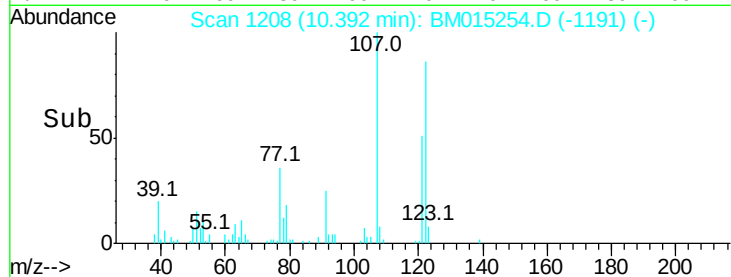
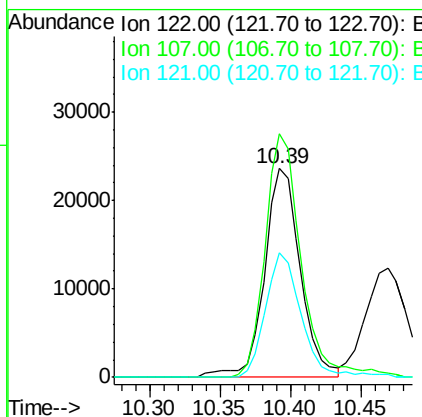
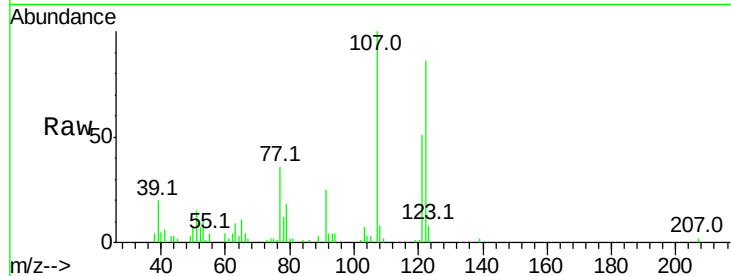




#27
 2,4-Dimethylphenol
 Concen: 3.570 ng
 RT: 10.39 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

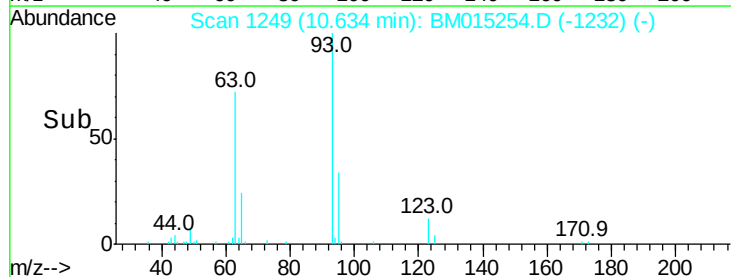
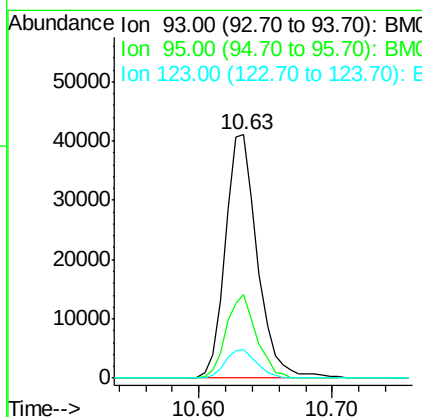
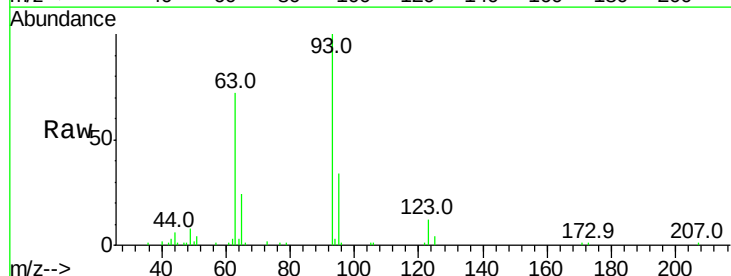
Instrument :
 BNA_M
 ClientSampleId :

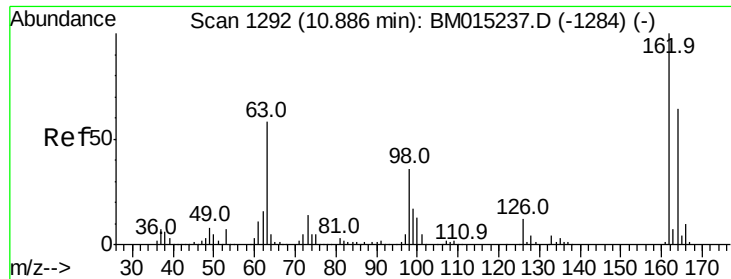
Tot Ion:122 Resp: 42159
 Ion Ratio Lower Upper
 122 100
 107 116.7 84.7 127.1
 121 60.0 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.402 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion: 93 Resp: 69005
 Ion Ratio Lower Upper
 93 100
 95 34.2 25.5 38.3
 123 11.9 8.6 13.0

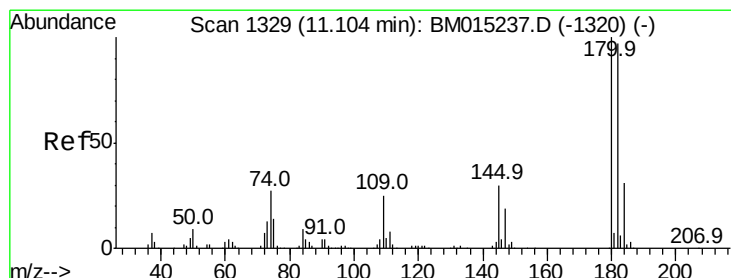
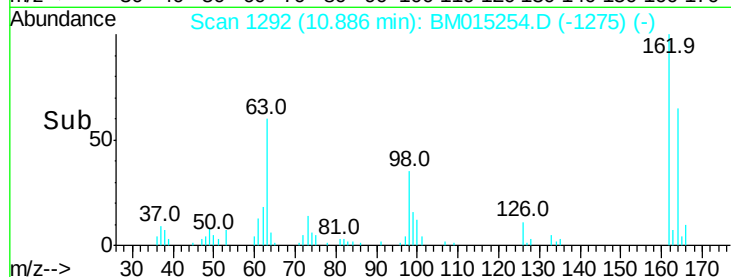
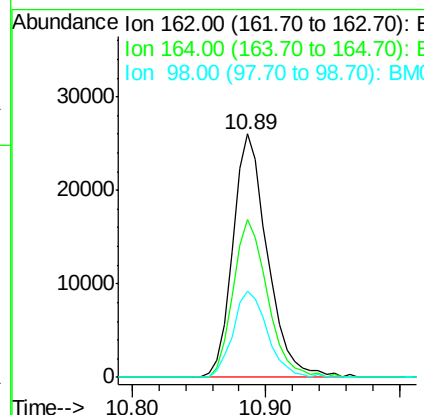
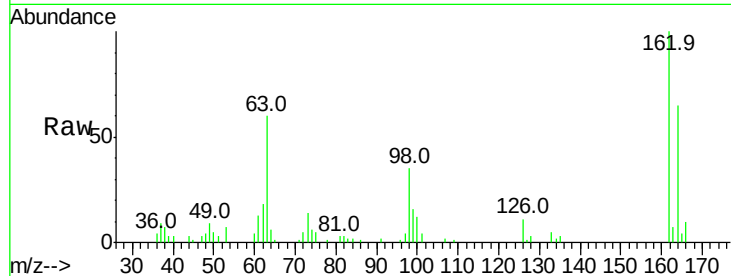




#29
 2,4-Dichlorophenol
 Concen: 4.204 ng
 RT: 10.89 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

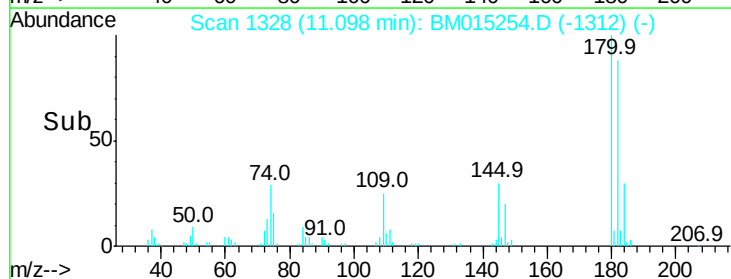
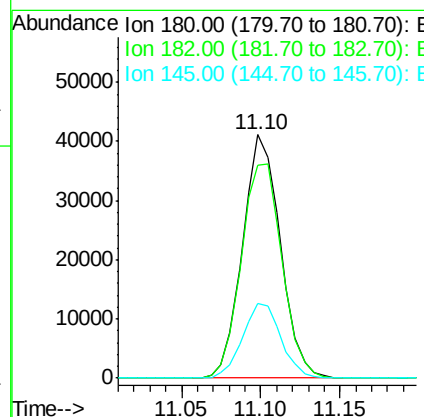
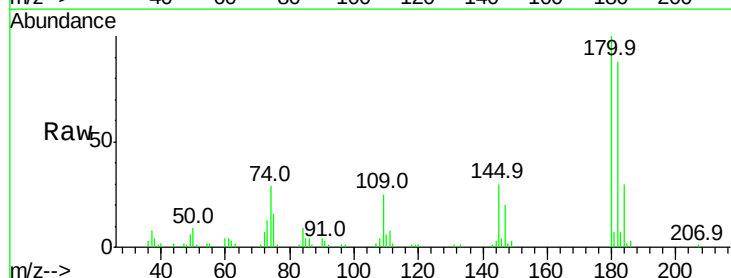
Instrument :
 BNA_M
 ClientSampleId :

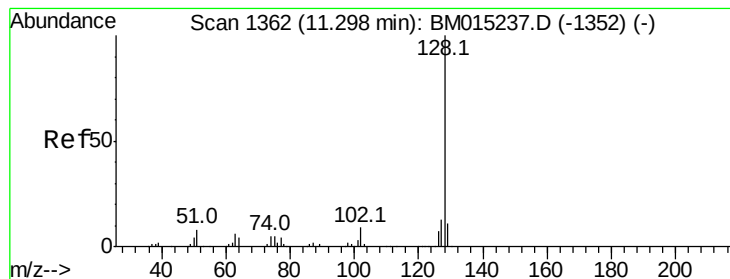
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.8	82.8
98	35.5	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 5.165 ng
 RT: 11.10 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.7	77.6	116.4
145	30.4	23.4	35.2

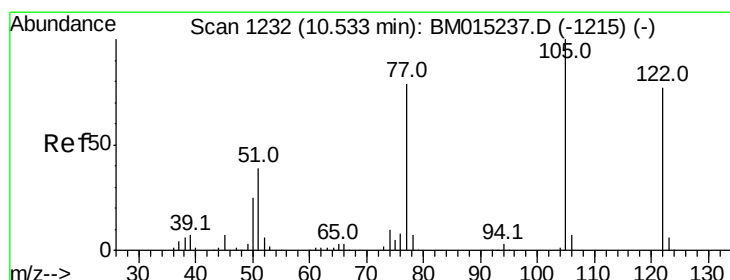
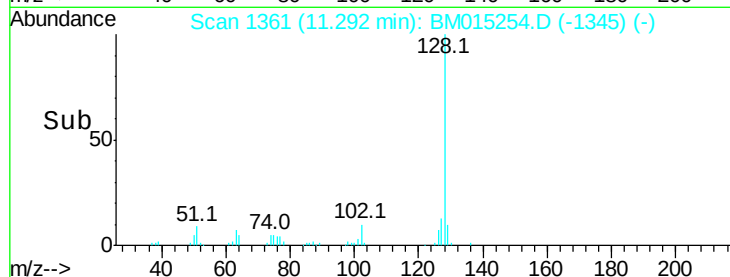
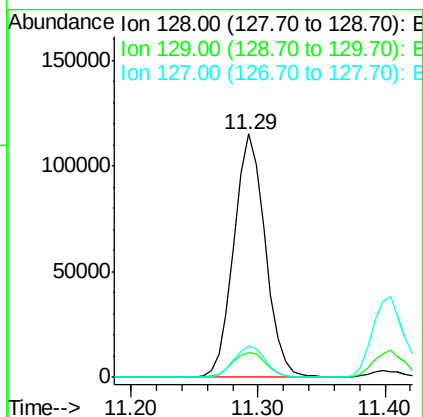
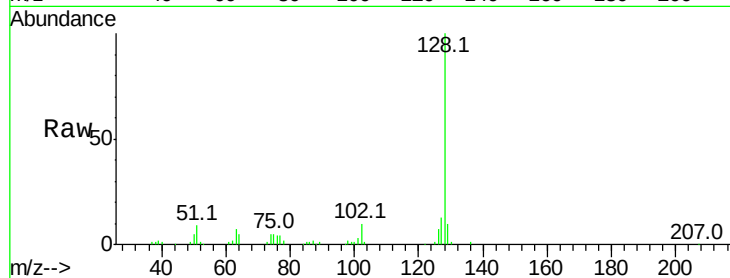




#31
Naphthalene
Concen: 4.958 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

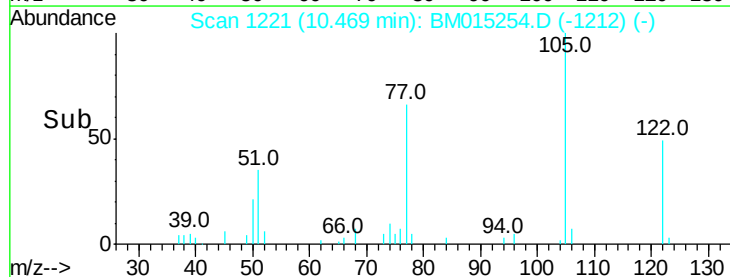
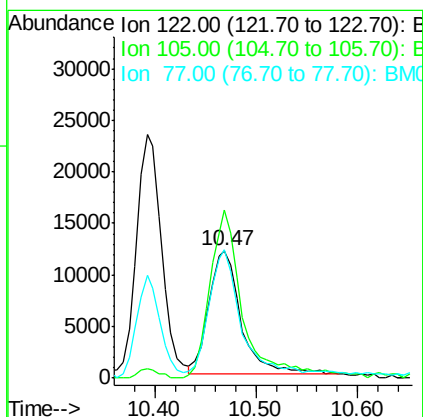
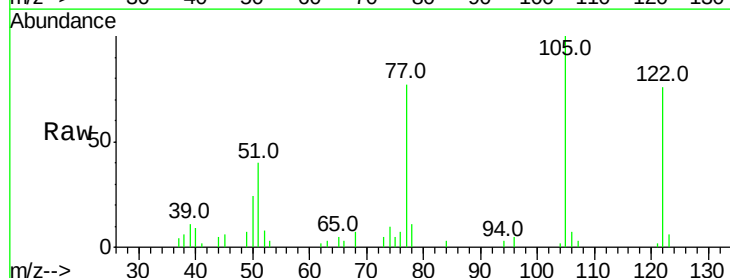
Instrument :
BNA_M
ClientSampleId :

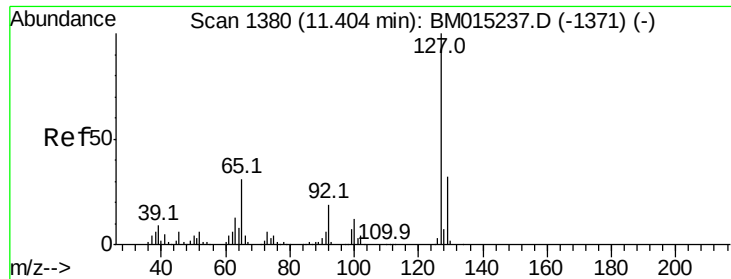
Tot Ion:128 Resp: 196733
Ion Ratio Lower Upper
128 100
129 10.0 8.9 13.3
127 12.8 10.4 15.6



#32
Benzoic acid
Concen: 3.887 ng
RT: 10.47 min Scan# 1221
Delta R.T. -0.05 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:122 Resp: 26552
Ion Ratio Lower Upper
122 100
105 132.0 99.9 139.9
77 101.3 73.7 113.7

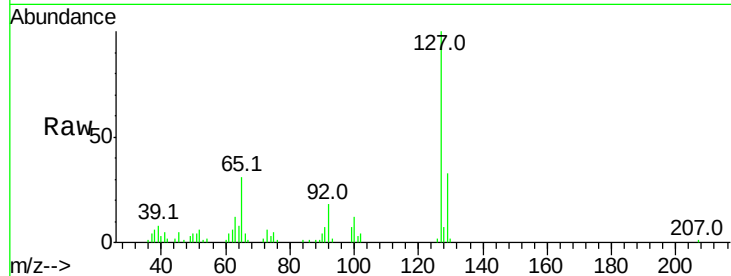




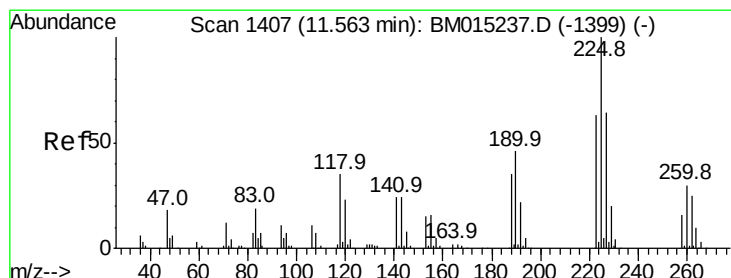
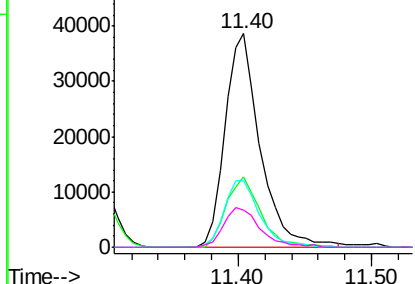
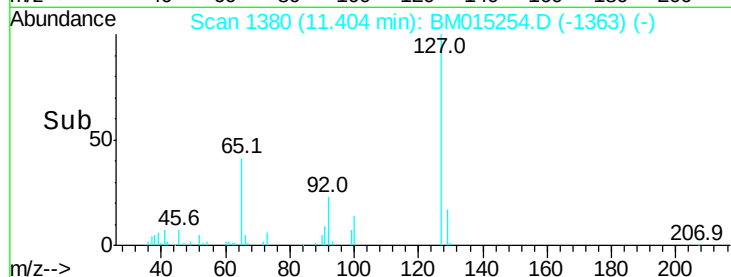
#33
4-Chloroaniline
Concen: 4.474 ng
RT: 11.40 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	70855
Ion Ratio	Lower	Upper
127 100		
129 32.9	25.3	37.9
65 30.9	17.6	26.4
92 17.7	13.1	19.7

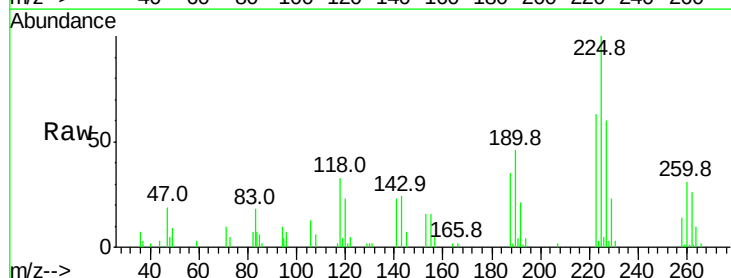


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

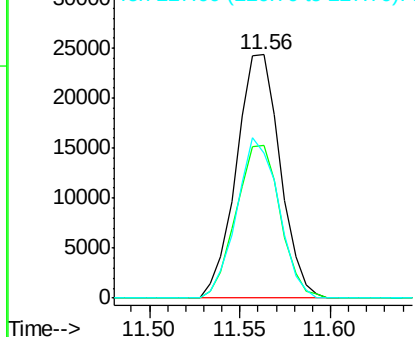
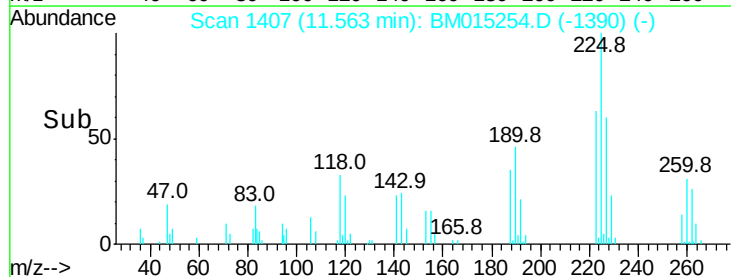


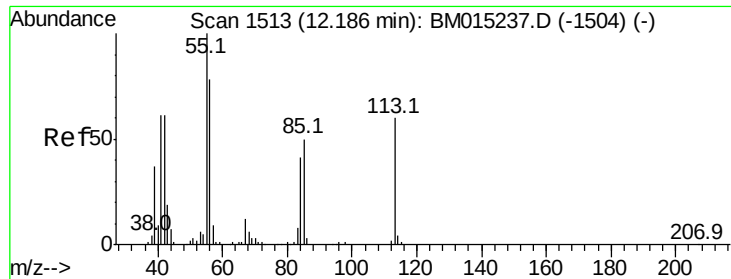
#34
Hexachlorobutadiene
Concen: 5.234 ng
RT: 11.56 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:225	Resp:	41001
Ion Ratio	Lower	Upper
225 100		
223 62.5	47.9	71.9
227 59.6	50.1	75.1



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

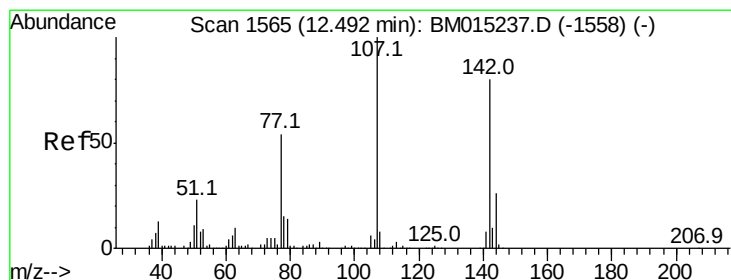
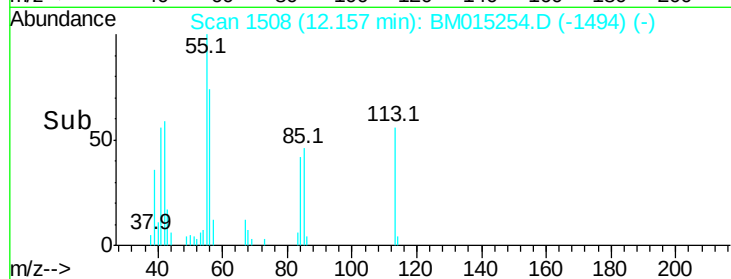
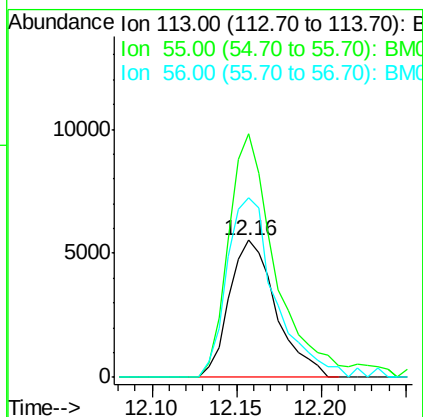
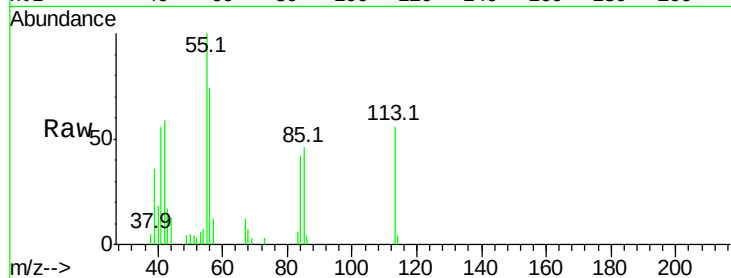




#35
Caprolactam
Concen: 3.366 ng
RT: 12.16 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

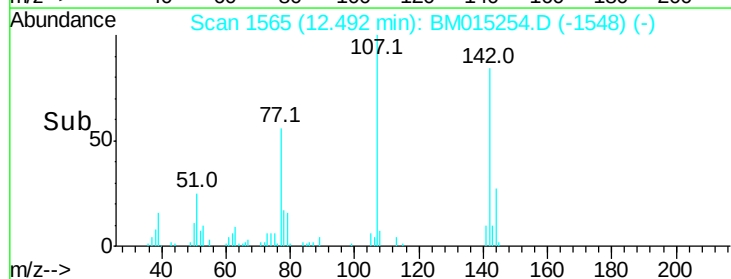
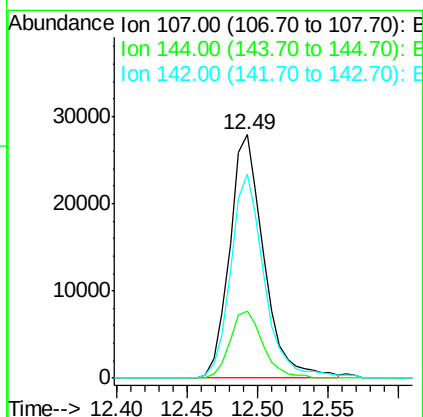
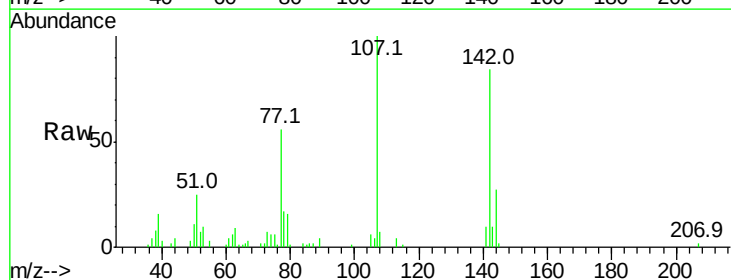
Instrument :
BNA_M
ClientSampleId :

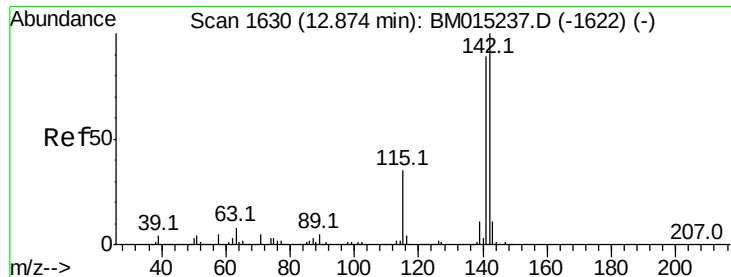
Tot Ion:113 Resp: 10653
Ion Ratio Lower Upper
113 100
55 177.3 145.9 185.9
56 131.2 101.0 141.0



#36
4-Chloro-3-methylphenol
Concen: 4.120 ng
RT: 12.49 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:107 Resp: 47061
Ion Ratio Lower Upper
107 100
144 27.3 23.3 34.9
142 83.6 72.6 109.0

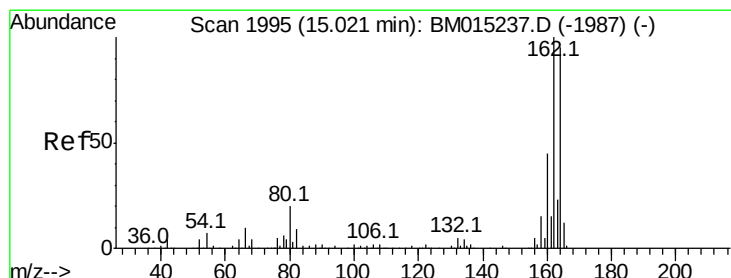
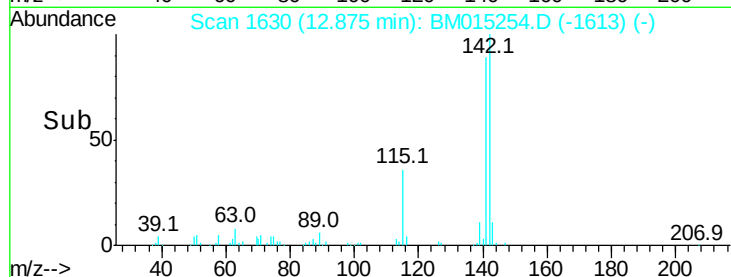
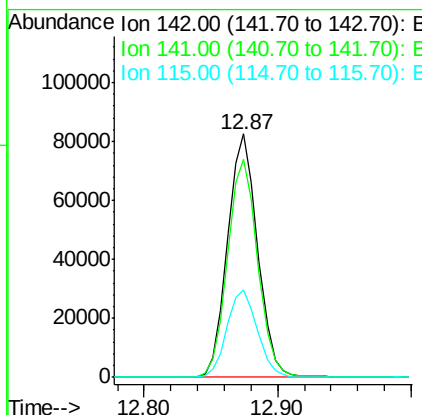
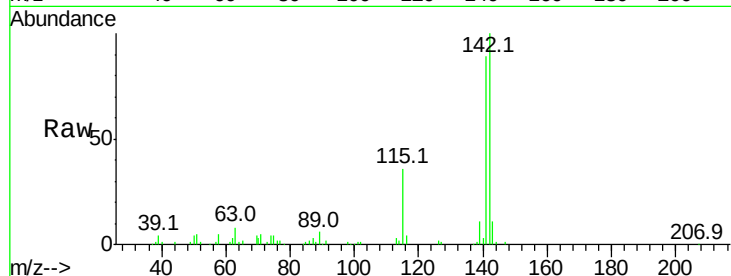




#37
2-Methylnaphthalene
Concen: 4.741 ng
RT: 12.87 min Scan# 1630
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

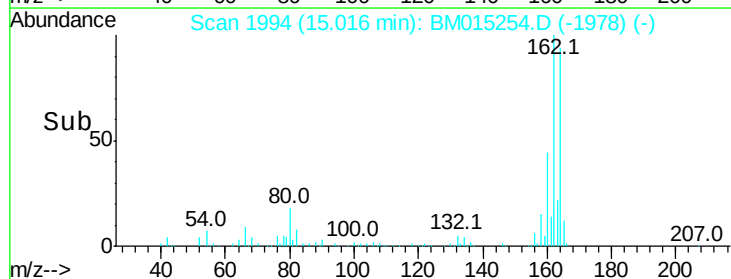
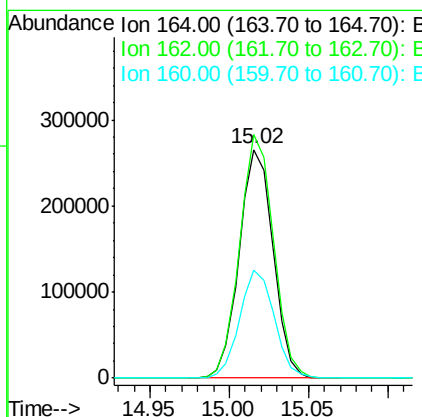
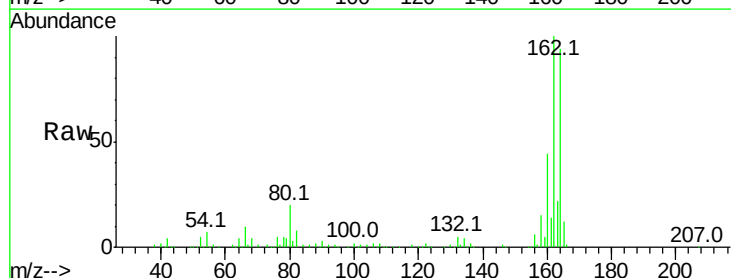
Instrument :
BNA_M
ClientSampleId :

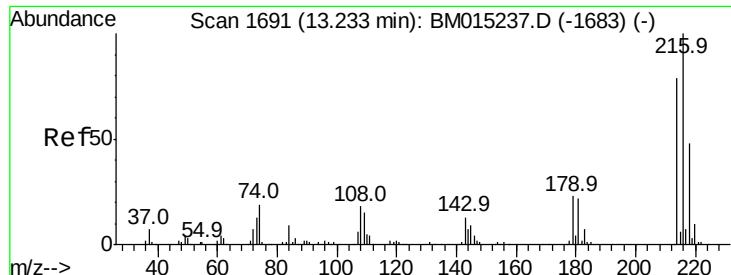
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	36.1	25.4	38.0



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.4	123.6
160	47.1	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.971 ng

RT: 13.23 min Scan# 1691

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 69077

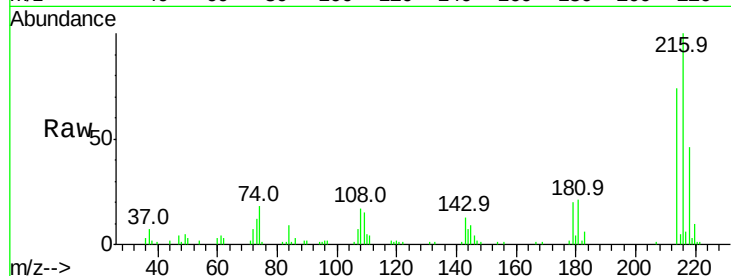
Ion Ratio Lower Upper

216 100

214 77.8 0.0 0.0#

179 21.1 0.0 0.0#

108 18.9 0.0 0.0#

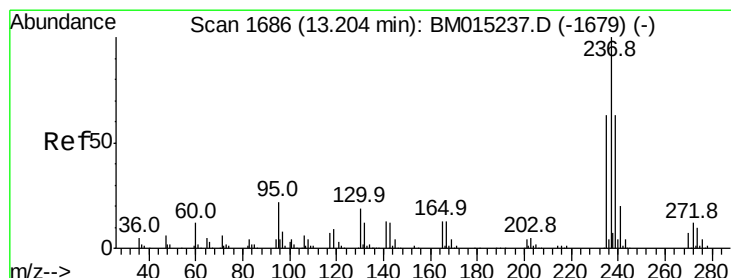
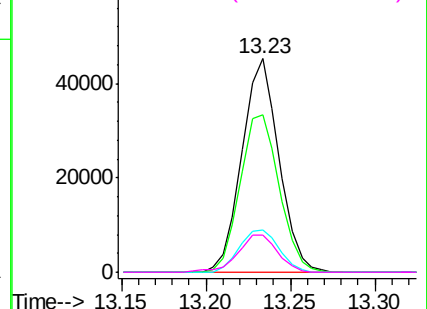
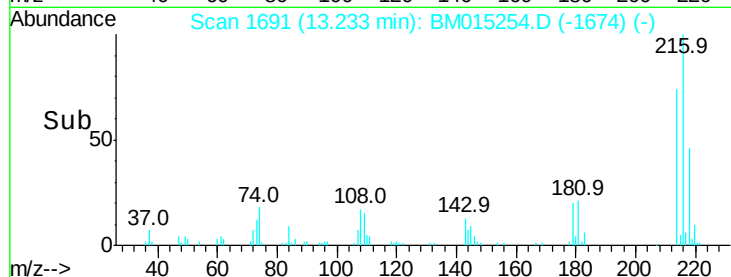


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.271 ng

RT: 13.20 min Scan# 1686

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

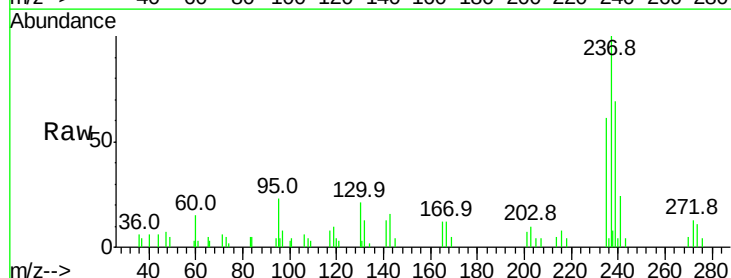
Tgt Ion:237 Resp: 19441

Ion Ratio Lower Upper

237 100

235 61.2 42.0 82.0

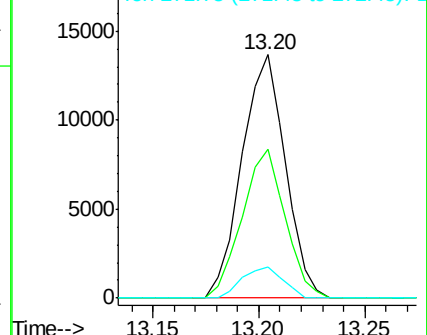
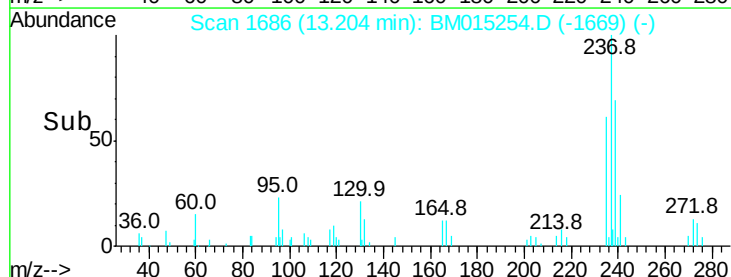
272 12.9 0.0 33.4

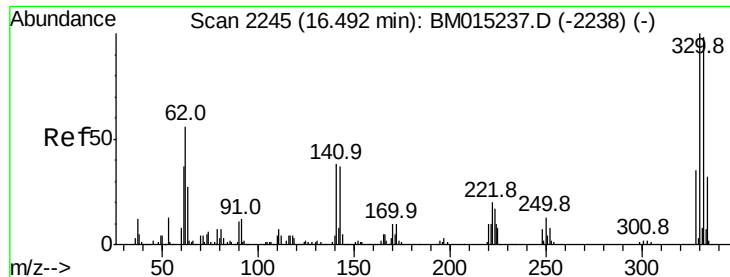


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 141.824 ng

RT: 16.49 min Scan# 2245

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

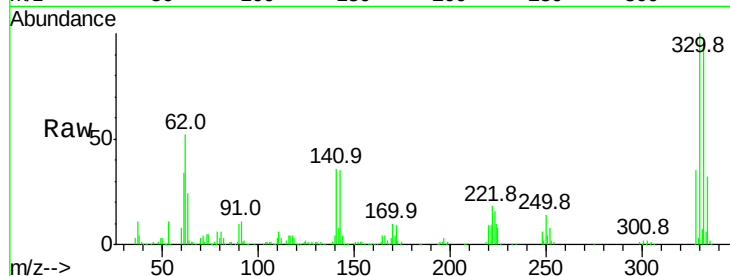
Tot Ion:330 Resp: 701575

Ion Ratio Lower Upper

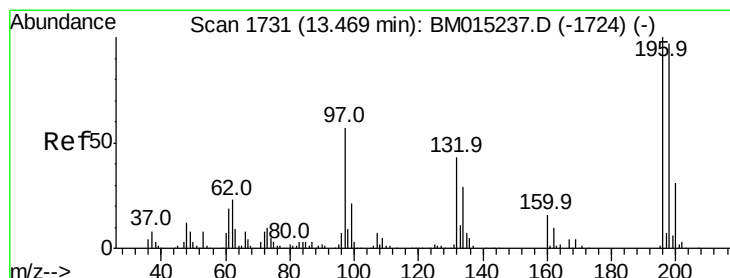
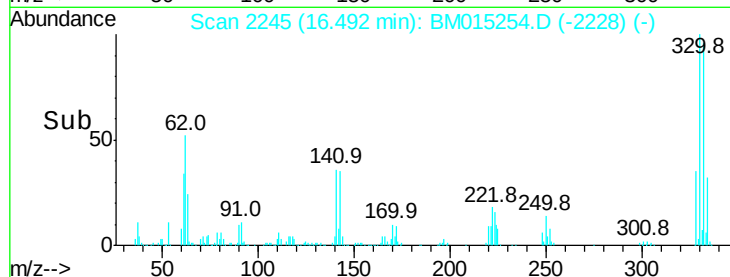
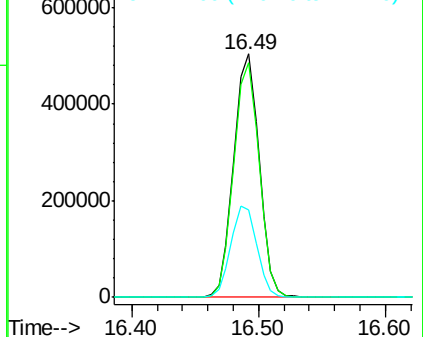
330 100

332 96.5 0.0 0.0#

141 38.4 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: 3.924 ng

RT: 13.47 min Scan# 1731

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

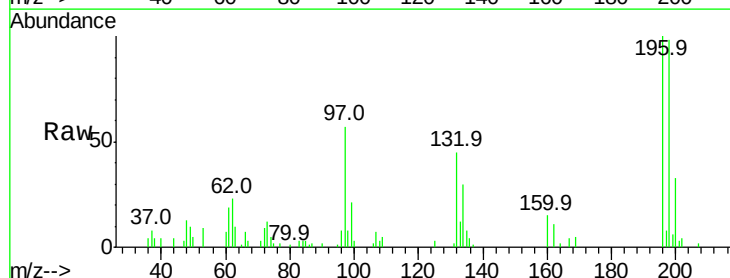
Tgt Ion:196 Resp: 32765

Ion Ratio Lower Upper

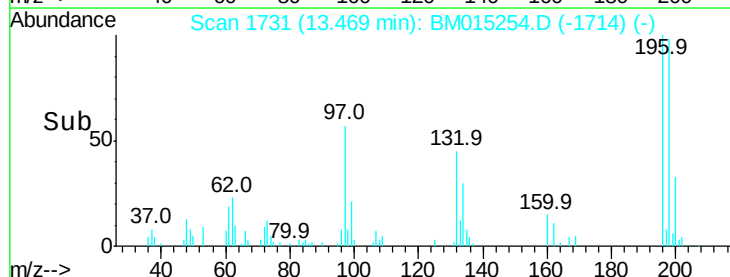
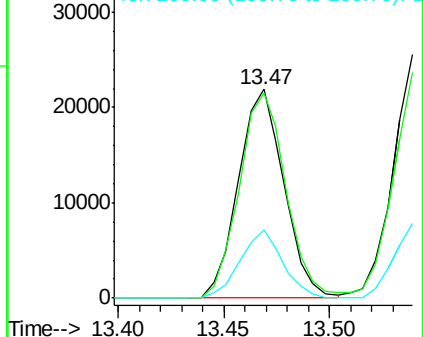
196 100

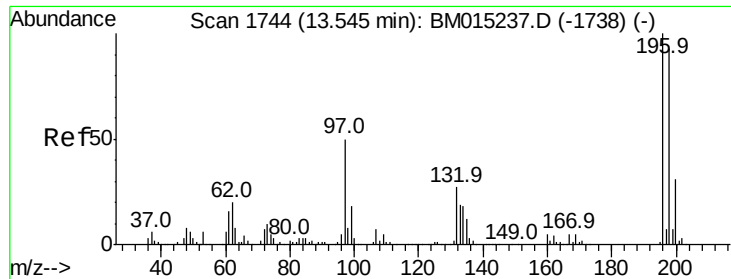
198 98.3 76.3 114.5

200 32.6 25.6 38.4



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

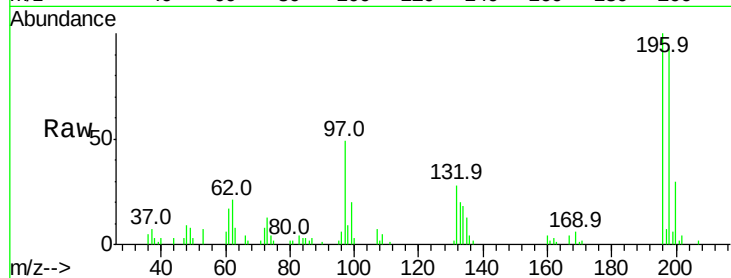




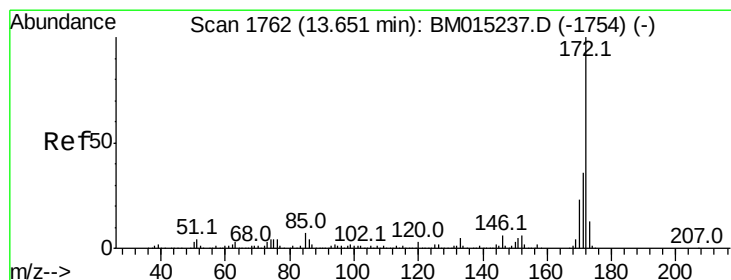
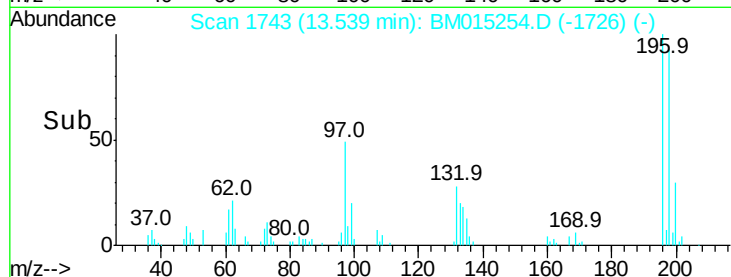
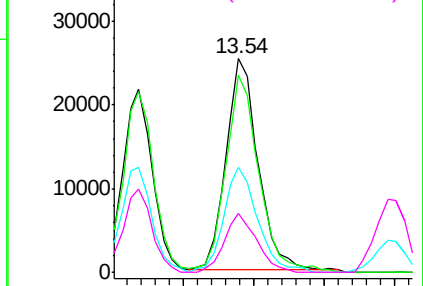
#43
2,4,5-Trichlorophenol
Concen: 4.392 ng
RT: 13.54 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.5	79.4	119.0
97	49.2	26.8	40.2
132	27.9	18.6	28.0

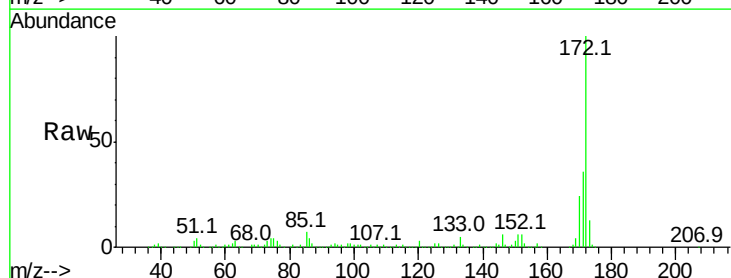


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BM0
Ion 132.00 (131.70 to 132.70): E

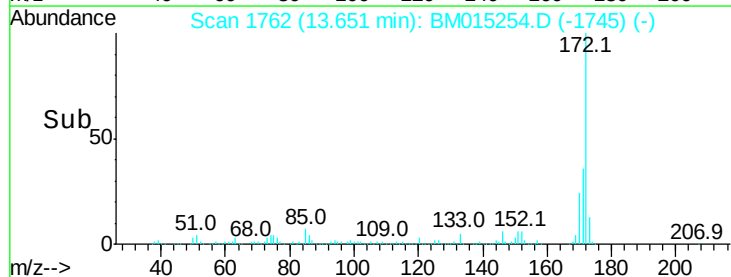
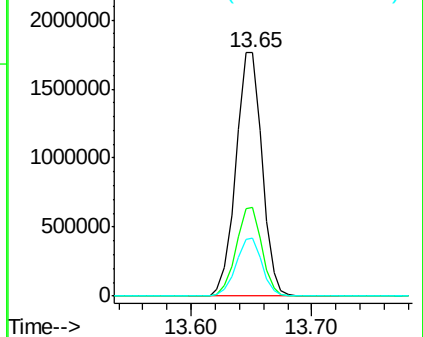


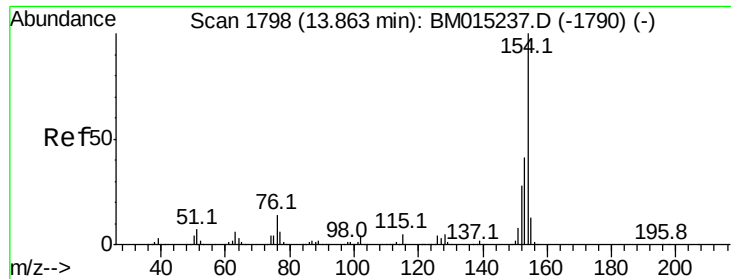
#44
2-Fluorobiphenyl
Concen: 83.863 ng
RT: 13.65 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.6	18.8	28.2



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





#45

1,1'-Biphenyl

Concen: 5.230 ng

RT: 13.86 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

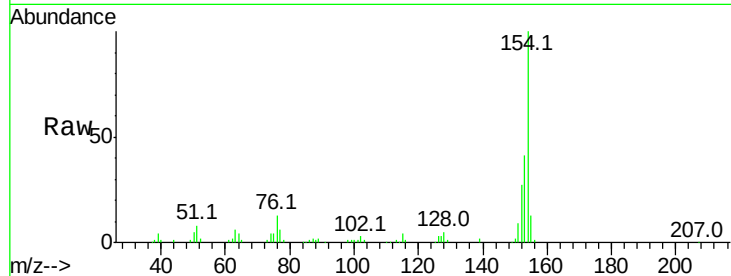
Tot Ion:154 Resp: 180511

Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

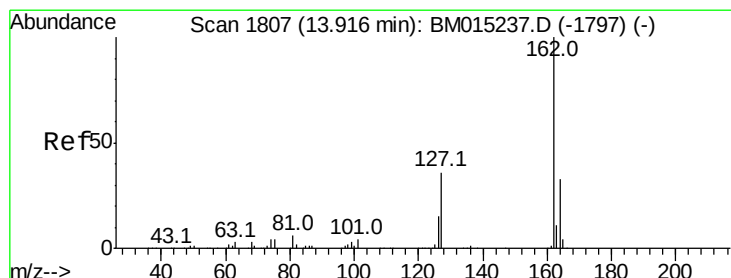
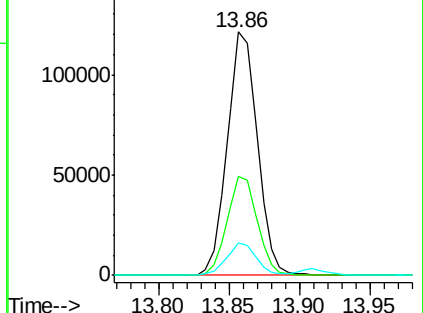
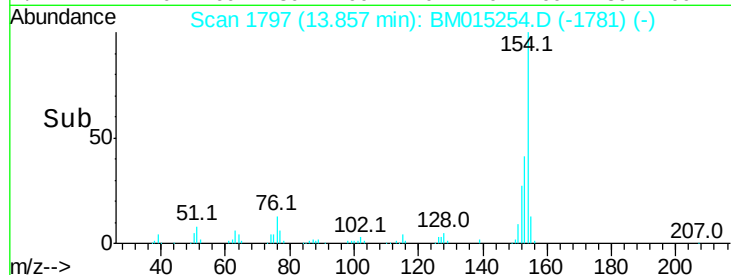
76 13.3 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 5.030 ng

RT: 13.91 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

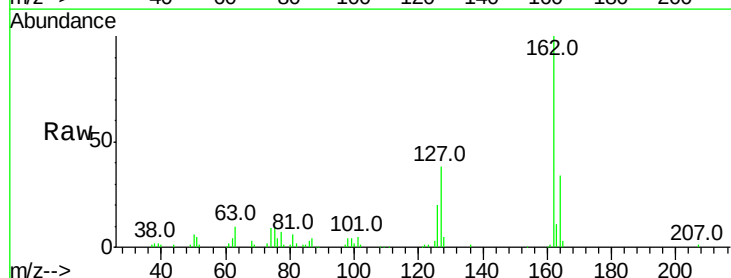
Tgt Ion:162 Resp: 133626

Ion Ratio Lower Upper

162 100

127 38.4 26.9 40.3

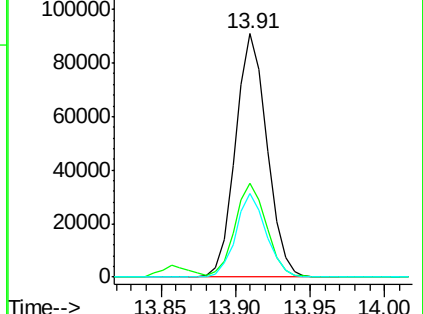
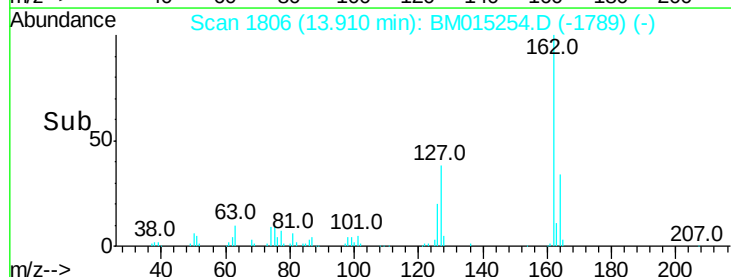
164 34.1 26.8 40.2

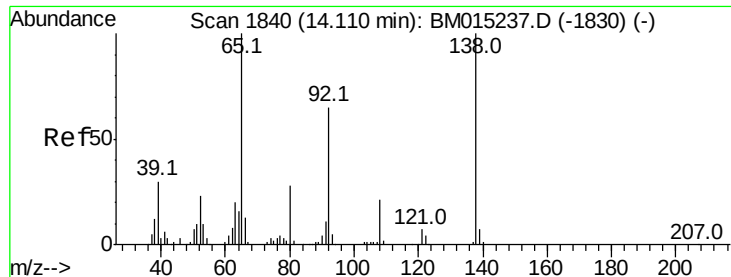


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 3.617 ng

RT: 14.11 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

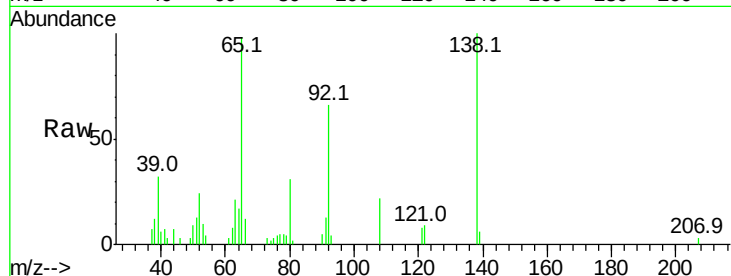
Tot Ion: 65 Resp: 27373

Ion	Ratio	Lower	Upper
65	100		
92	67.6	59.1	88.7
138	101.9	93.9	140.9

65 100

92 67.6 59.1 88.7

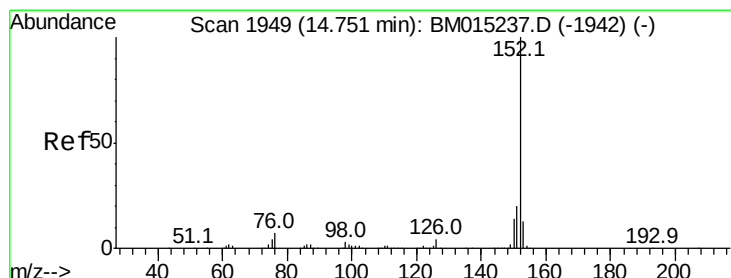
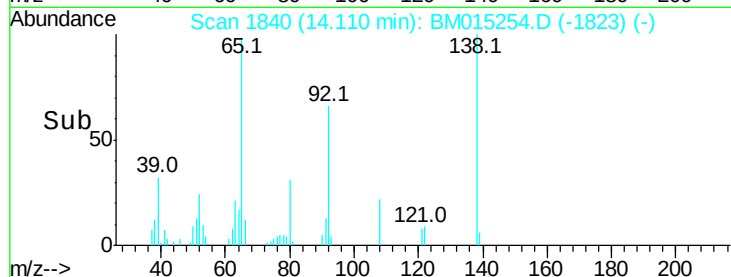
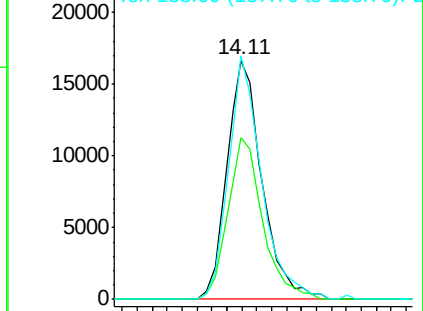
138 101.9 93.9 140.9



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

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

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



#48

Acenaphthylene

Concen: 4.721 ng

RT: 14.75 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

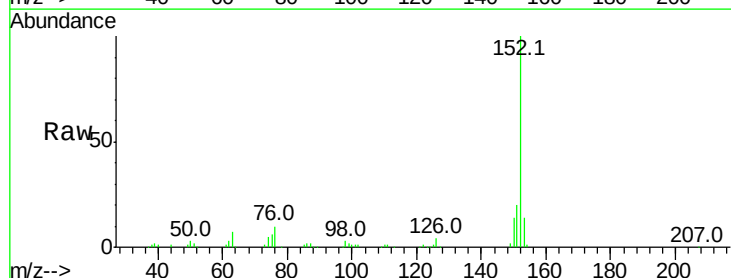
Tgt Ion: 152 Resp: 186279

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.6	10.6	16.0

152 100

151 20.3 15.9 23.9

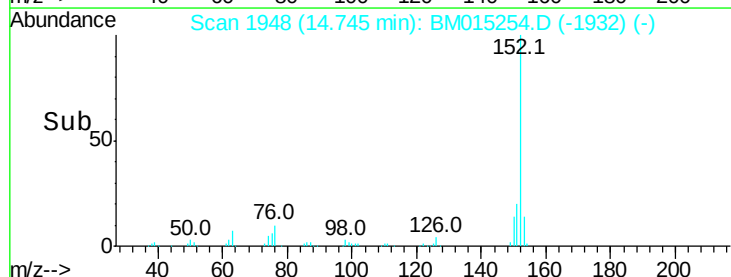
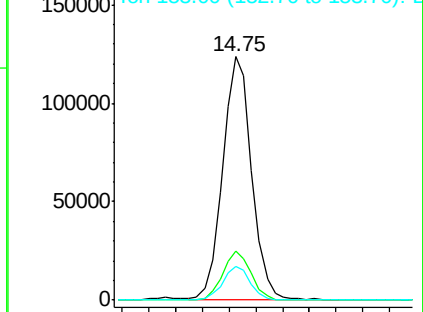
153 13.6 10.6 16.0

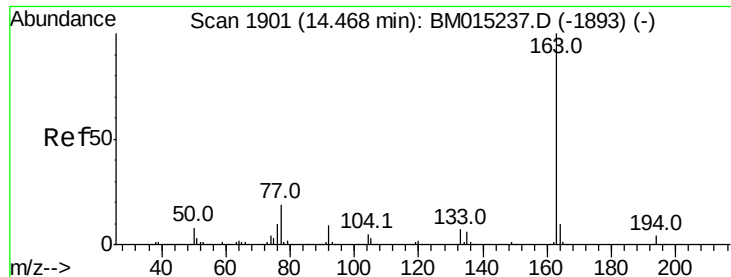


Abundance Ion 152.00 (151.70 to 152.70): BM015237.D (-1942) (-)

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

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





#49

Dimethylphthalate

Concen: 4.984 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampled :

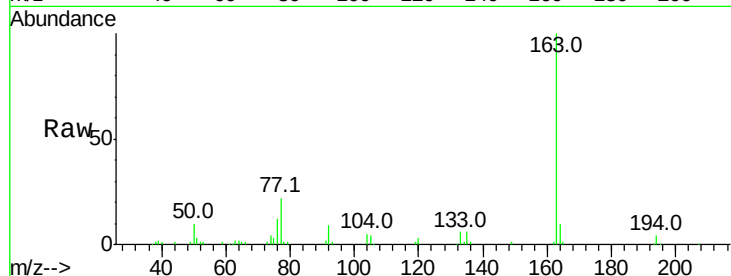
Tot Ion:163 Resp: 156915

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

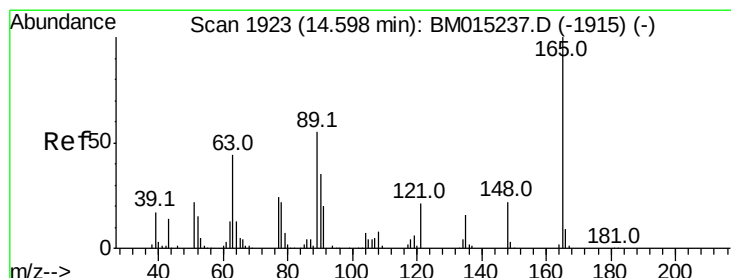
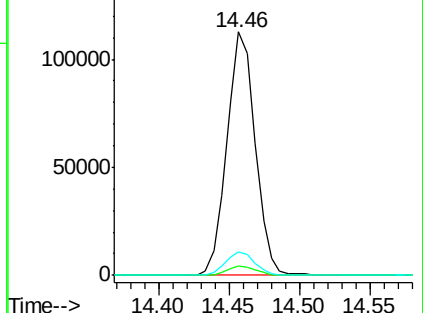
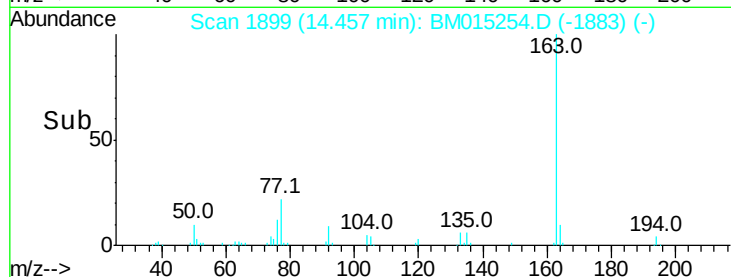
164 9.8 8.2 12.2



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: 4.353 ng

RT: 14.59 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

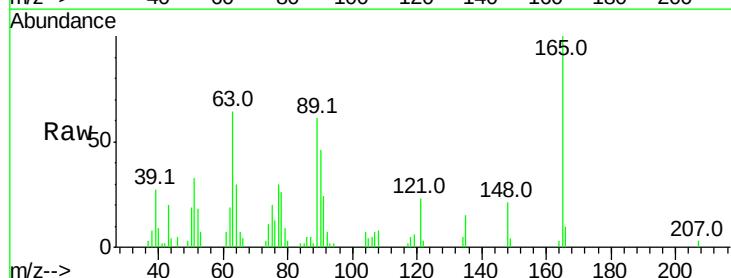
Tgt Ion:165 Resp: 28589

Ion Ratio Lower Upper

165 100

63 64.0 44.1 66.1

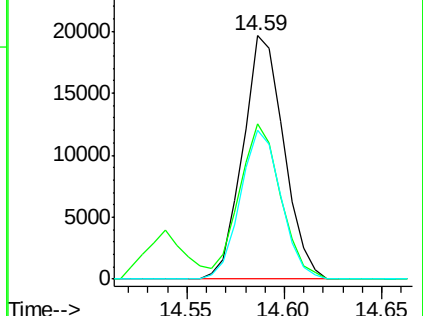
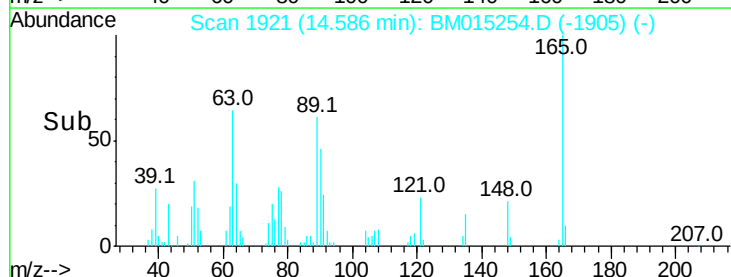
89 61.3 44.3 66.5

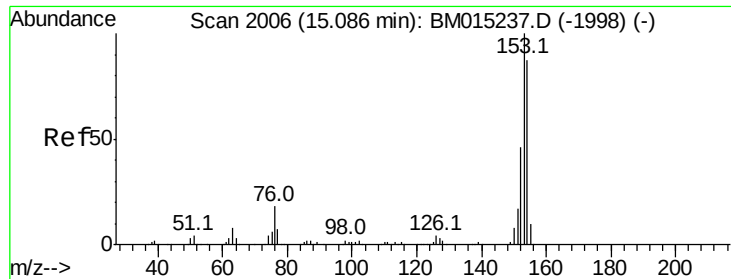


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 5.087 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

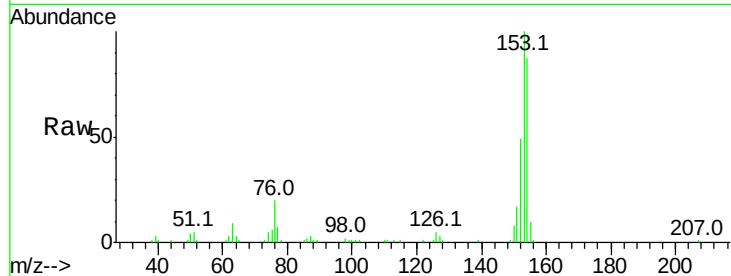
Tot Ion:154 Resp: 125042

Ion Ratio Lower Upper

154 100

153 114.4 90.0 135.0

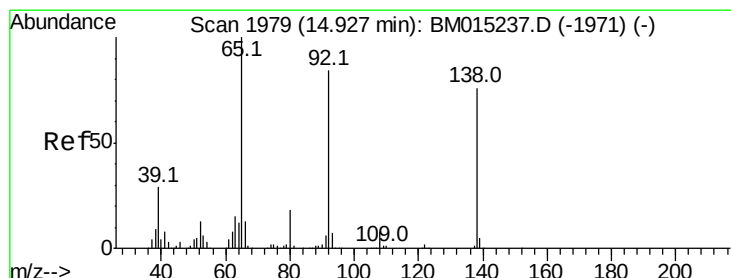
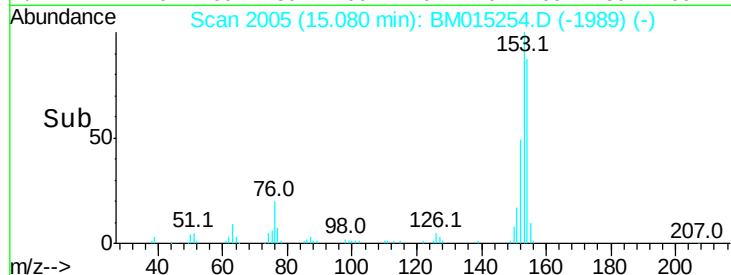
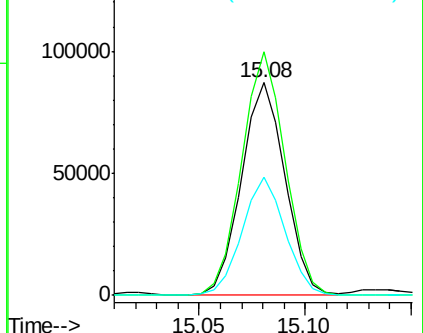
152 55.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.733 ng

RT: 14.92 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

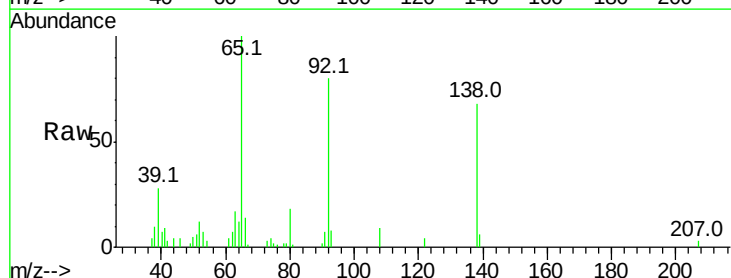
Tgt Ion:138 Resp: 25816

Ion Ratio Lower Upper

138 100

108 13.0 7.3 10.9#

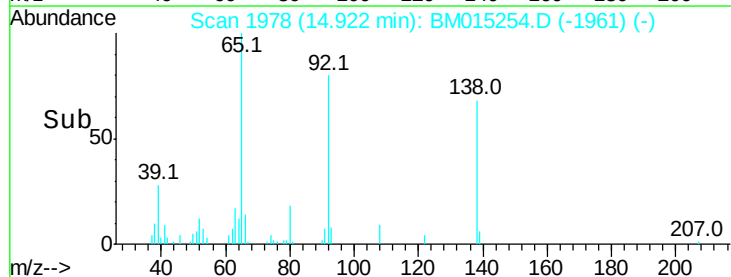
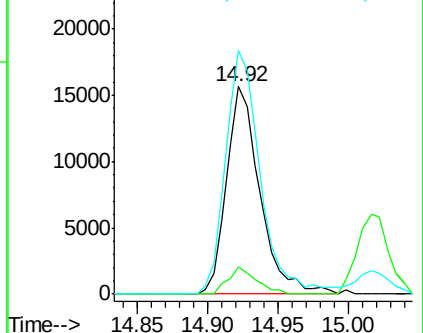
92 117.3 76.6 114.8#

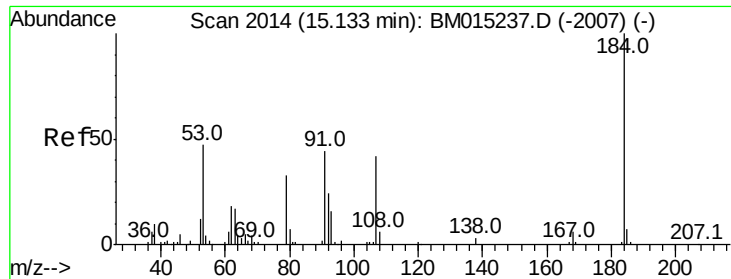


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

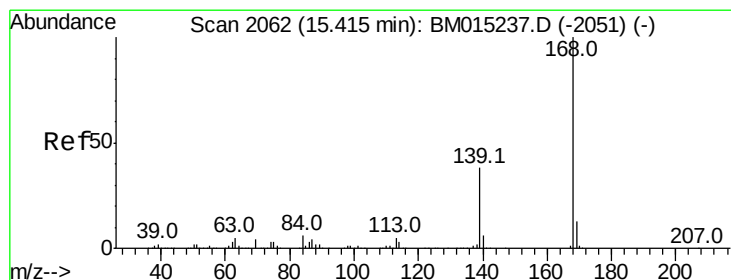
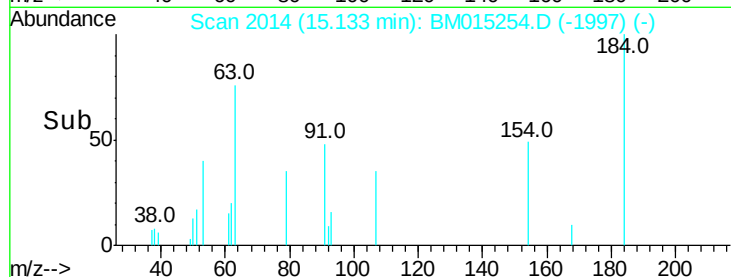
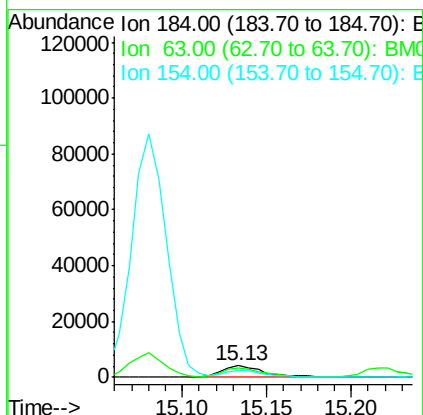
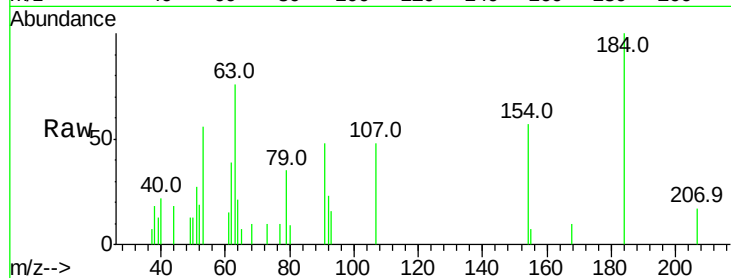




#53
2,4-Dinitrophenol
Concen: 8.198 ng
RT: 15.13 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

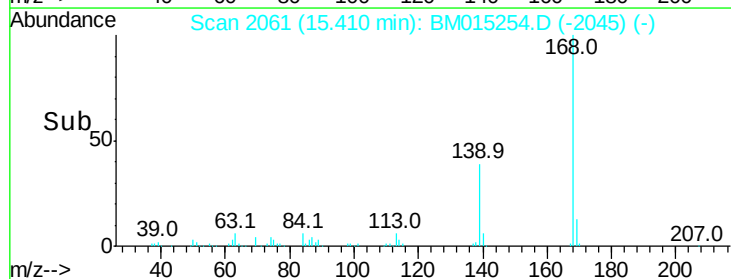
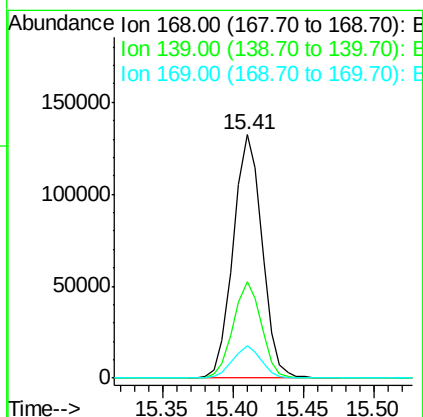
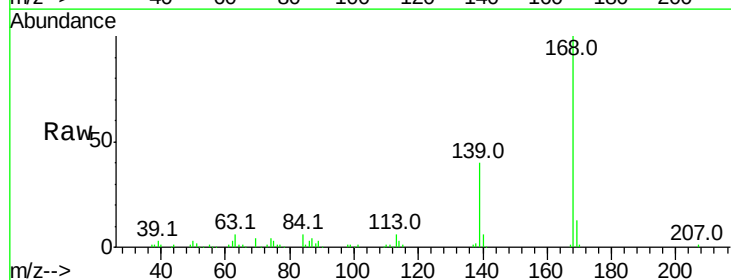
Instrument :
BNA_M
ClientSampleId :

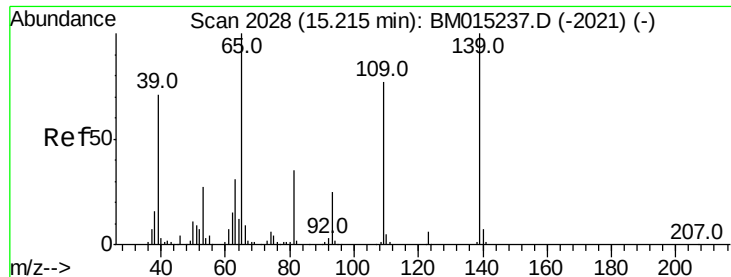
Tot Ion:184 Resp: 7066
Ion Ratio Lower Upper
184 100
63 75.6 69.2 103.8
154 57.1 53.3 79.9



#54
Dibenzofuran
Concen: 4.882 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:168 Resp: 189207
Ion Ratio Lower Upper
168 100
139 39.7 27.3 40.9
169 13.4 10.6 16.0

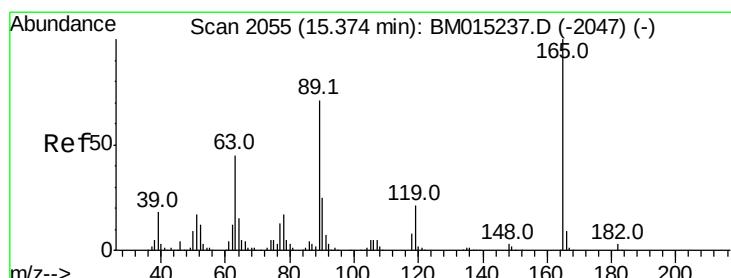
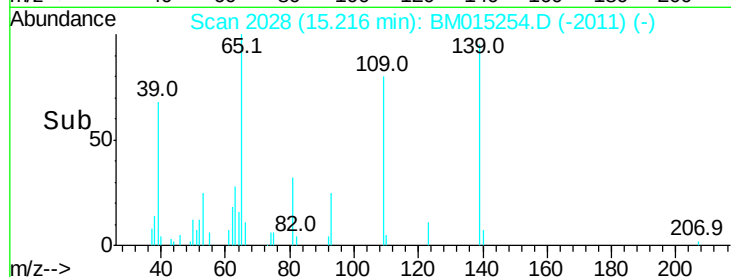
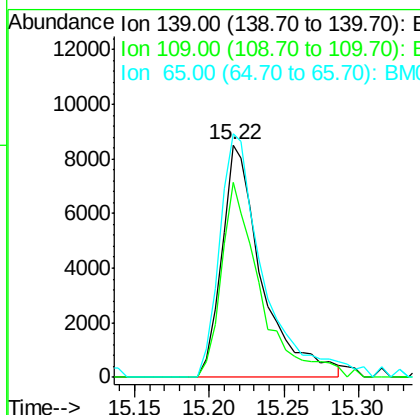
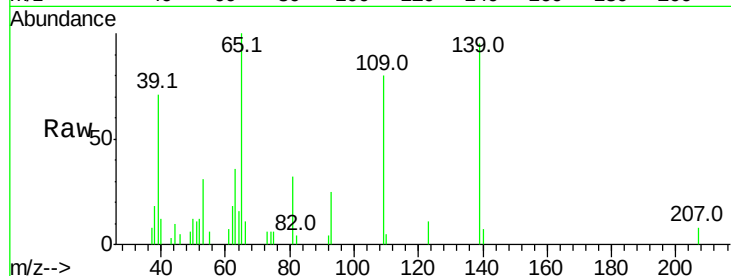




#55
4-Nitrophenol
Concen: 2.853 ng
RT: 15.22 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

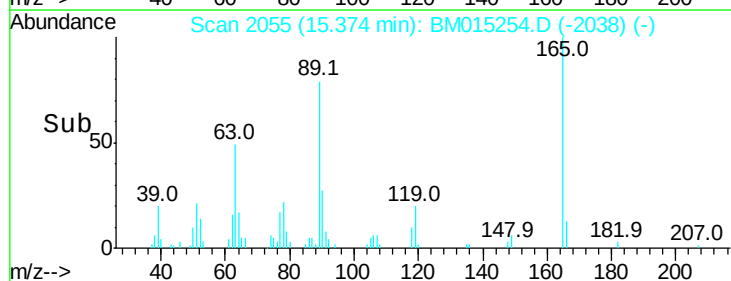
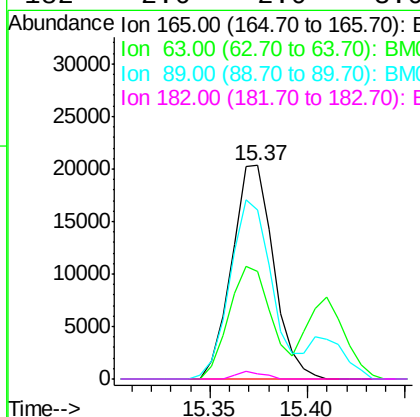
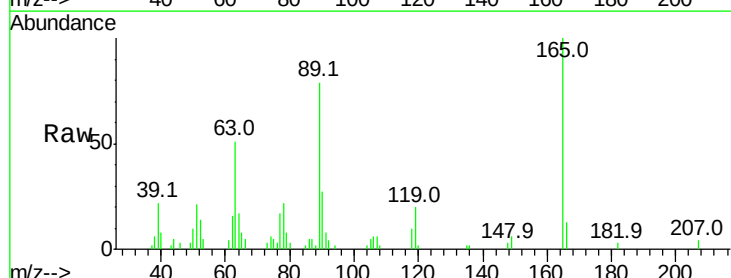
Instrument :
BNA_M
ClientSampleId :

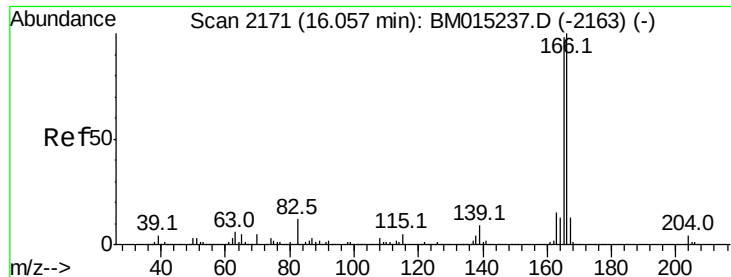
Tot Ion:139 Resp: 16002
Ion Ratio Lower Upper
139 100
109 84.1 130.0 170.0#
65 104.8 130.0 170.0#



#56
2,4-Dinitrotoluene
Concen: 3.353 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:165 Resp: 30155
Ion Ratio Lower Upper
165 100
63 50.5 52.4 78.6#
89 79.3 72.4 108.6
182 2.6 2.0 3.0

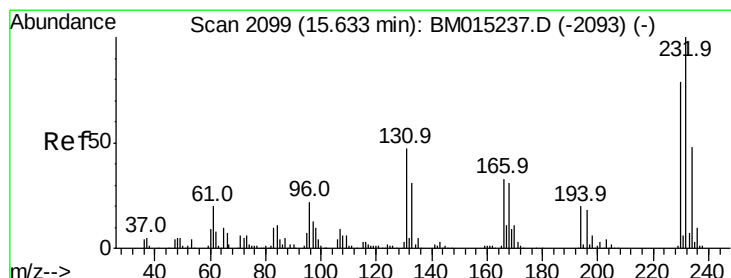
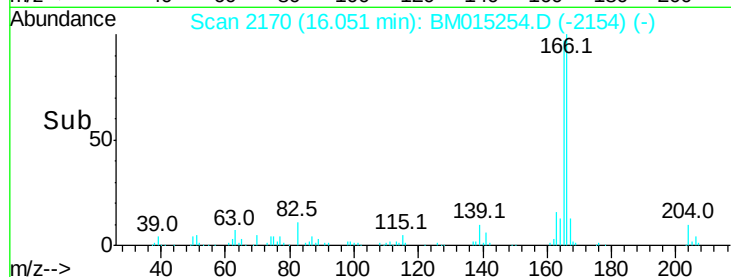
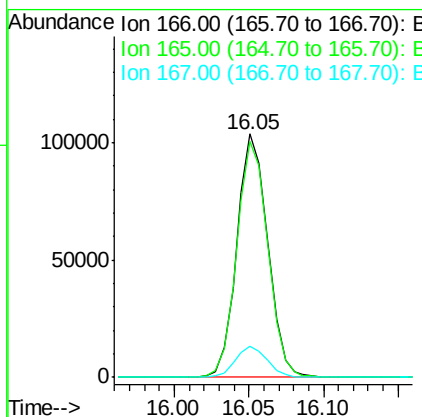
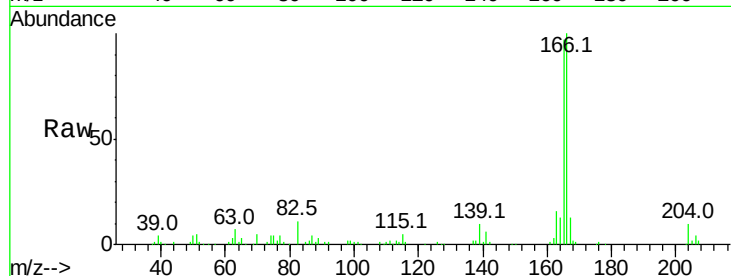




#57
 Fluorene
 Concen: 4.856 ng
 RT: 16.05 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

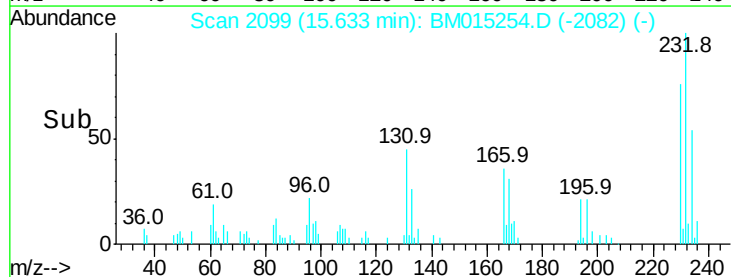
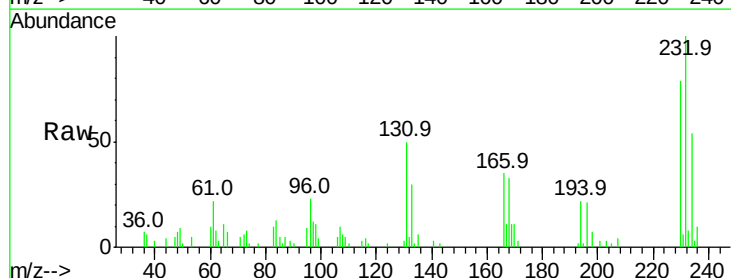
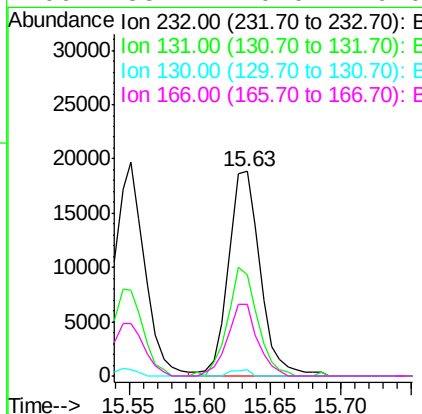
Instrument :
 BNA_M
 ClientSampled :

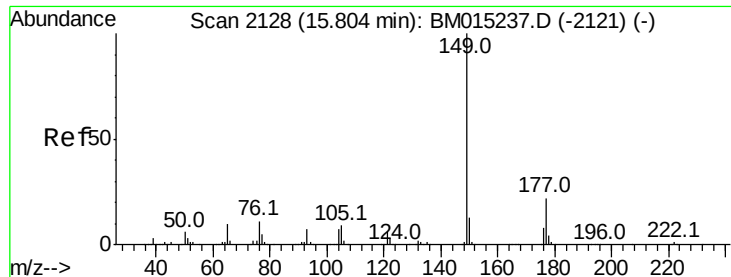
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	13.0	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.845 ng
 RT: 15.63 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.2	0.0	0.0#
130	1.7	0.0	0.0#
166	33.2	0.0	0.0#

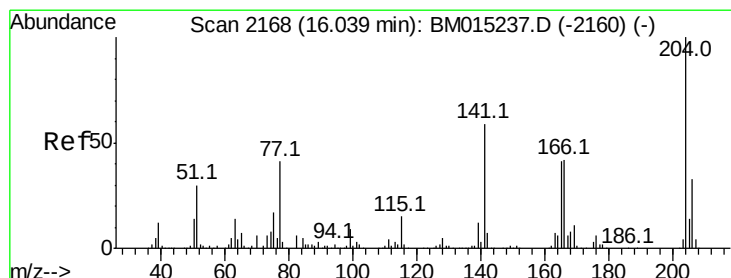
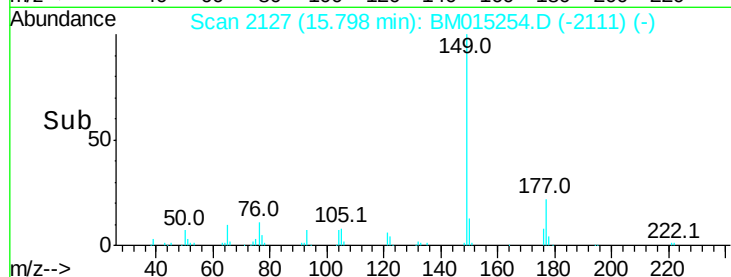
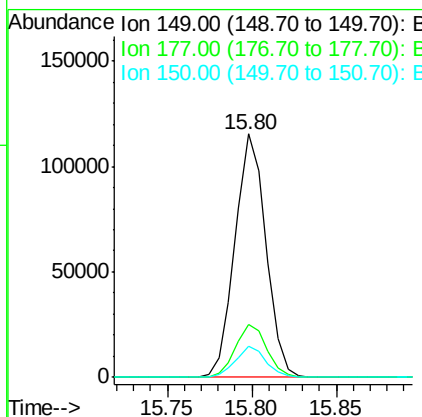
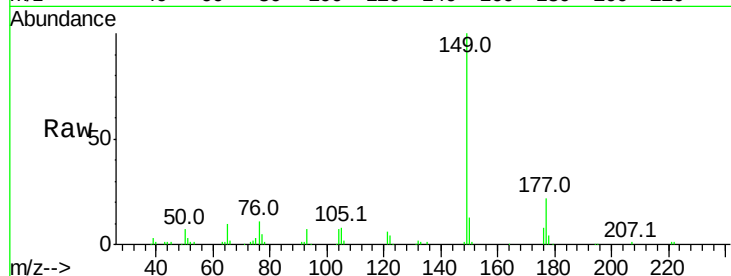




#59
Diethylphthalate
Concen: 4.758 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

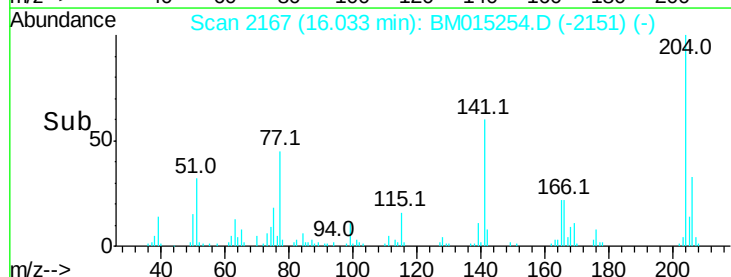
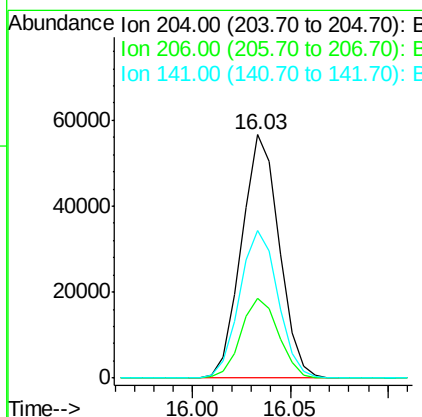
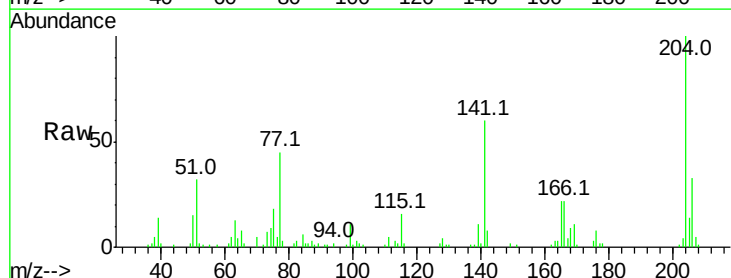
Instrument :
BNA_M
ClientSampleId :

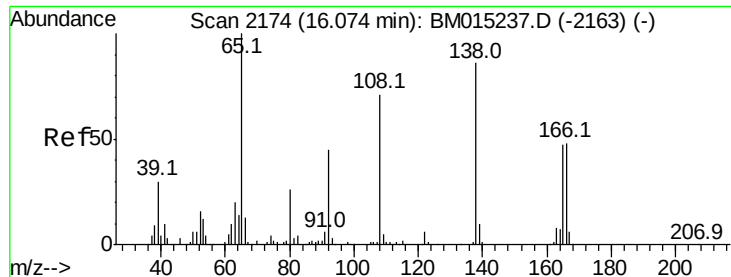
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.6	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 4.858 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	60.4	45.2	67.8





#61

4-Nitroaniline

Concen: 3.332 ng

RT: 16.07 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampled :

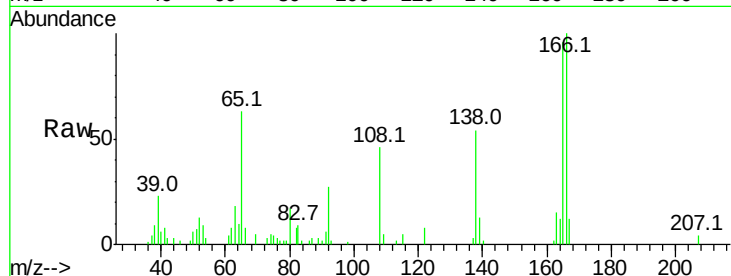
Tot Ion:138 Resp: 24094

Ion Ratio Lower Upper

138 100

92 50.4 16.7 56.7

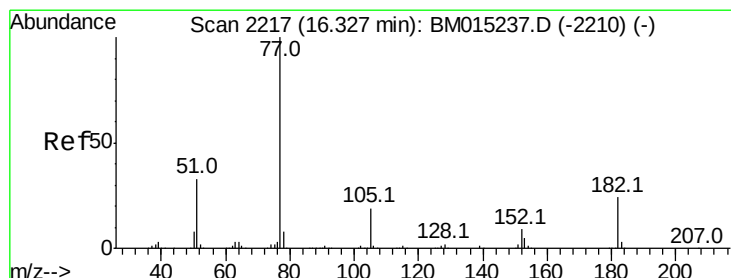
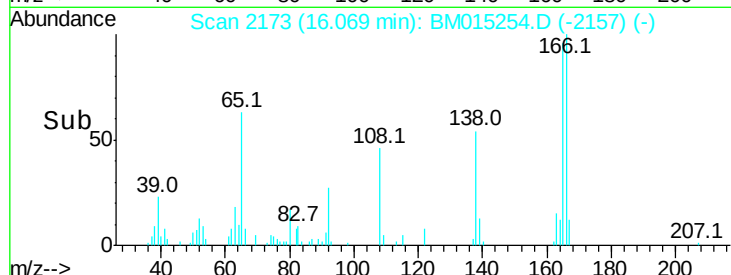
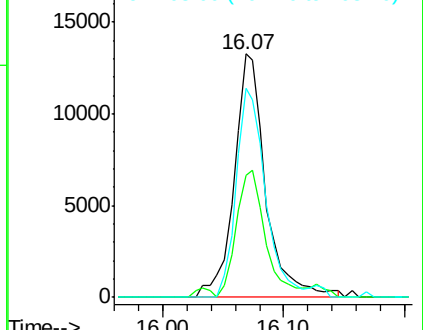
108 85.8 37.6 77.6#



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: 4.296 ng

RT: 16.33 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Tgt Ion: 77 Resp: 126656

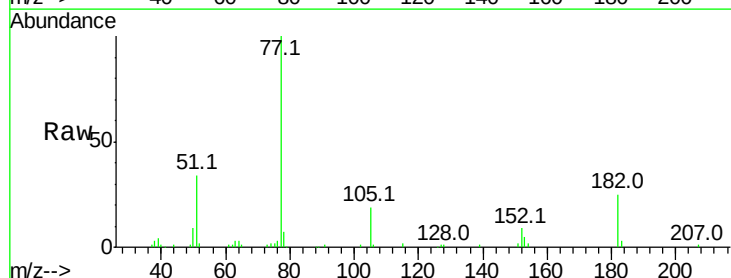
Ion Ratio Lower Upper

77 100

182 25.0 6.5 46.5

105 19.3 3.8 43.8

51 33.9 5.5 45.5

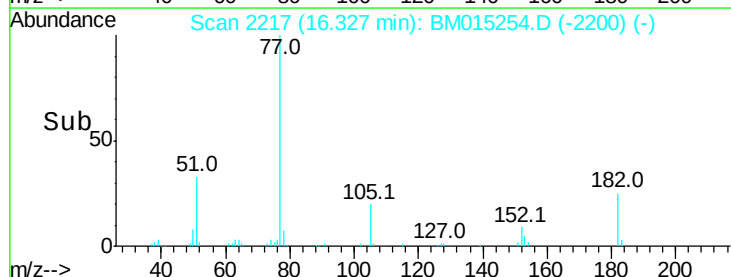
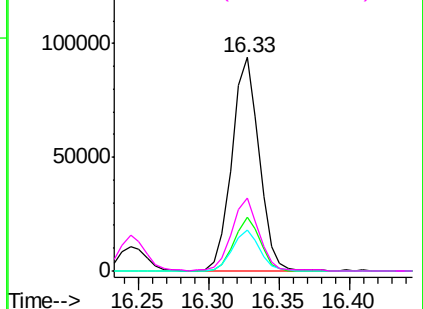


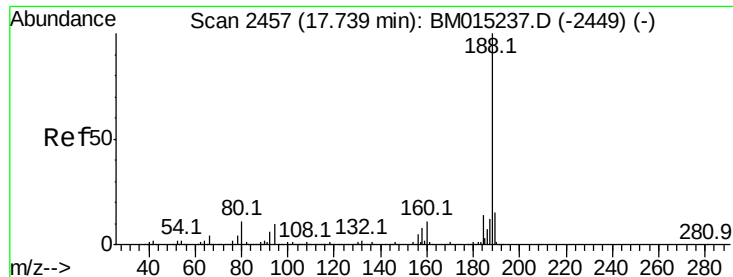
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

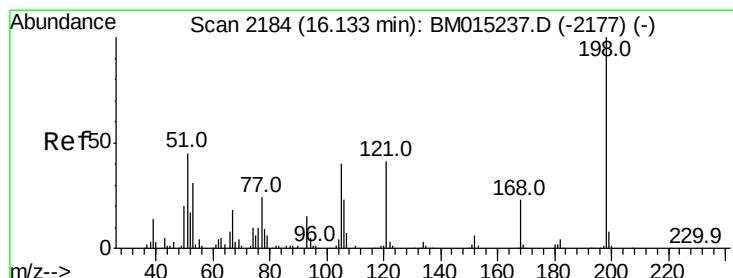
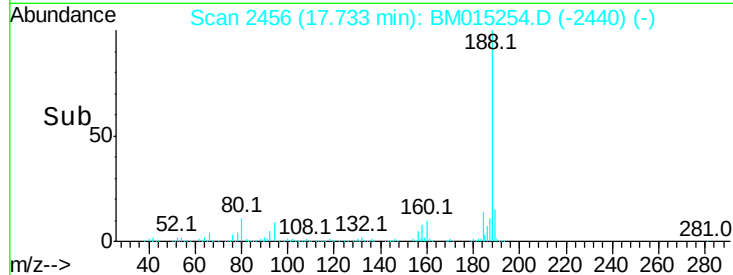
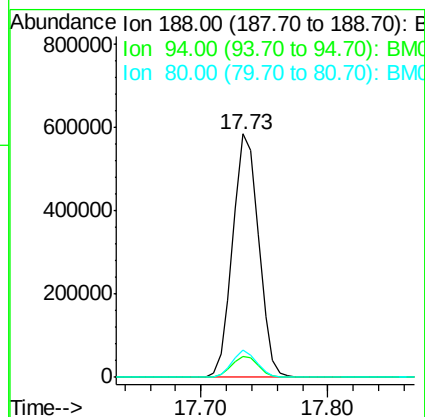
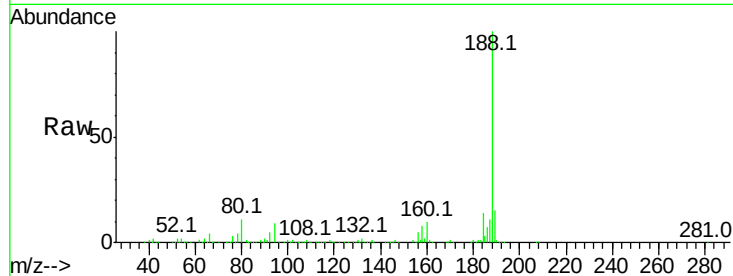




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

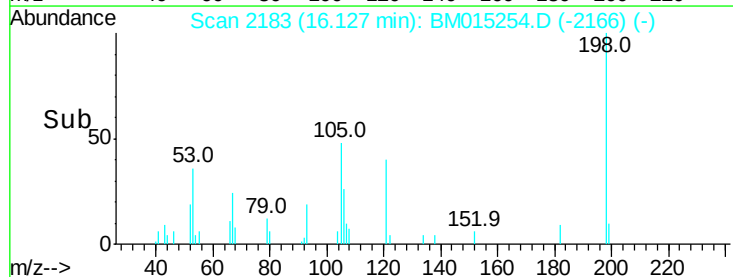
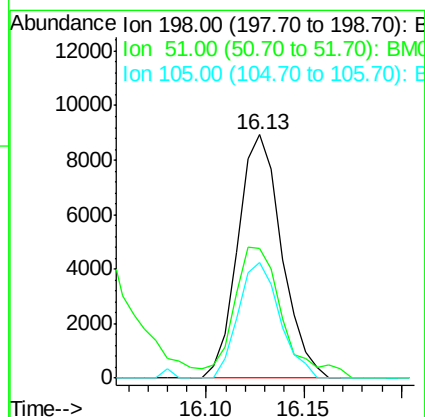
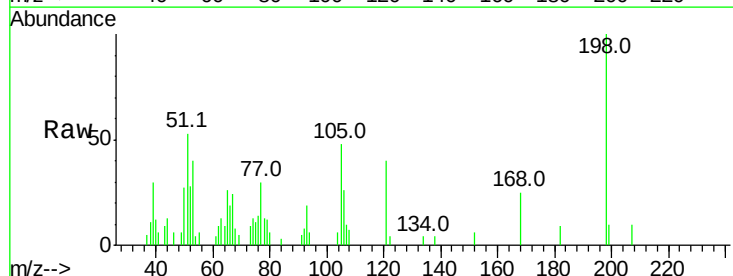
Instrument :
BNA_M
ClientSampleId :

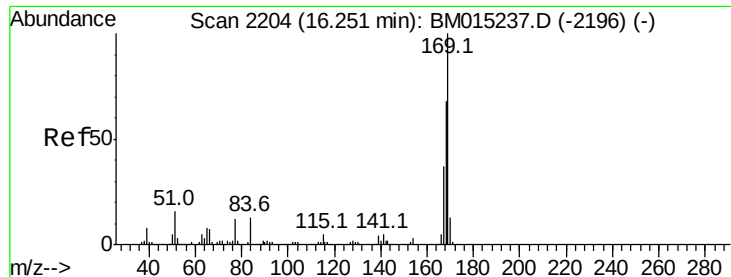
Tot Ion:188 Resp: 824436
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 11.0 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 3.051 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:198 Resp: 13884
Ion Ratio Lower Upper
198 100
51 53.5 28.8 68.8
105 47.7 30.5 70.5

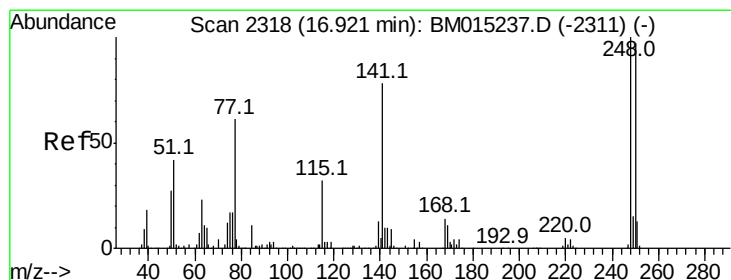
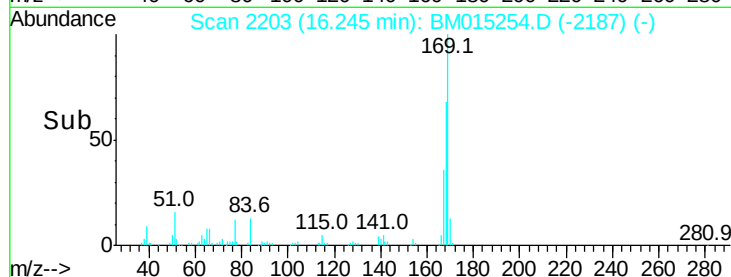
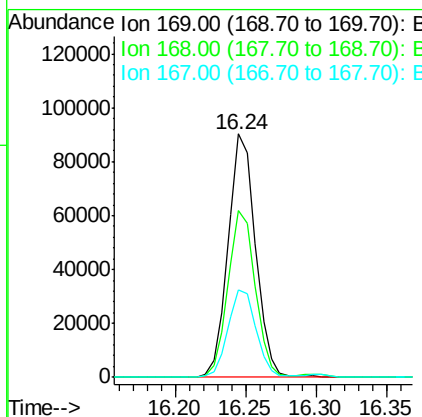
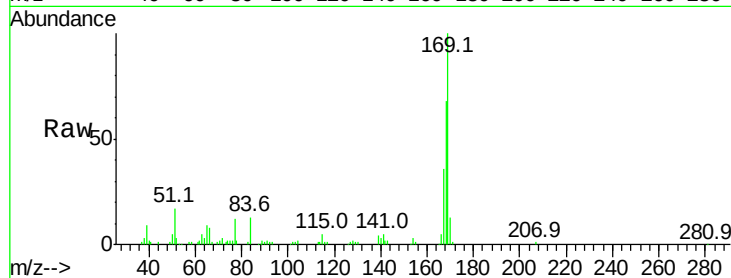




#65
 n-Nitrosodiphenylamine
 Concen: 4.618 ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

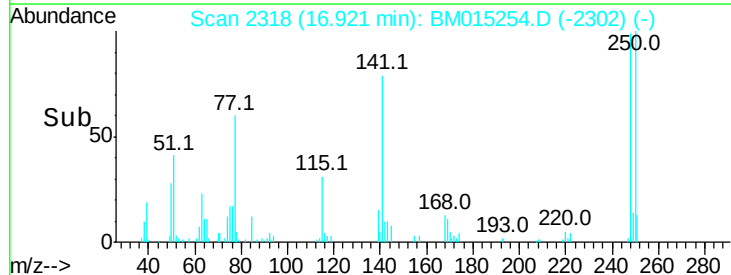
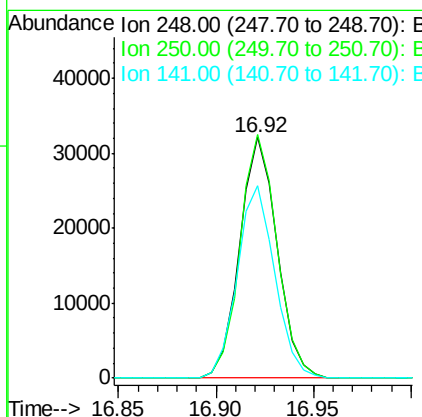
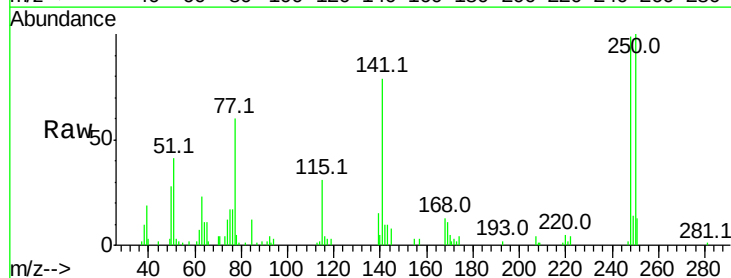
Instrument :
 BNA_M
 ClientSampleId :

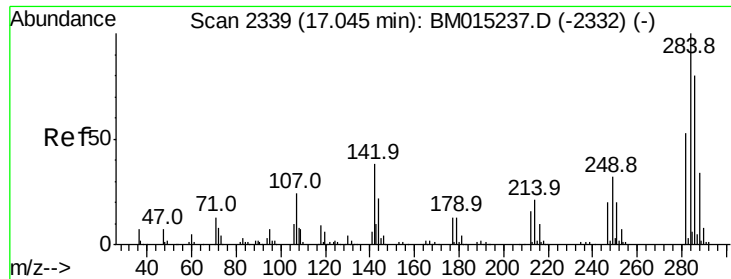
Tot Ion	169	Resp	122322
Ion Ratio	100	Lower	Upper
168	68.5	53.9	80.9
167	35.8	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 4.641 ng
 RT: 16.92 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion	248	Resp	42746
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
250	101.1	77.4	116.0
141	80.1	45.2	67.8#





#67

Hexachlorobenzene

Concen: 4.896 ng

RT: 17.04 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

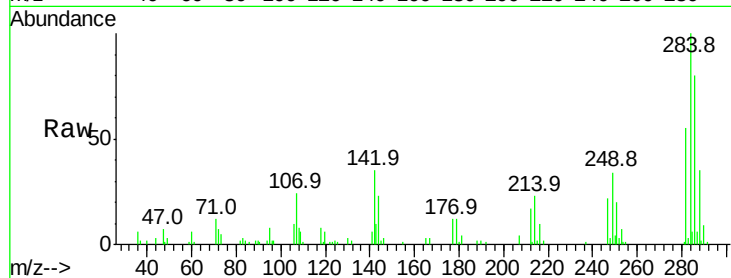
Tot Ion:284 Resp: 51936

Ion Ratio Lower Upper

284 100

142 35.5 20.4 30.6#

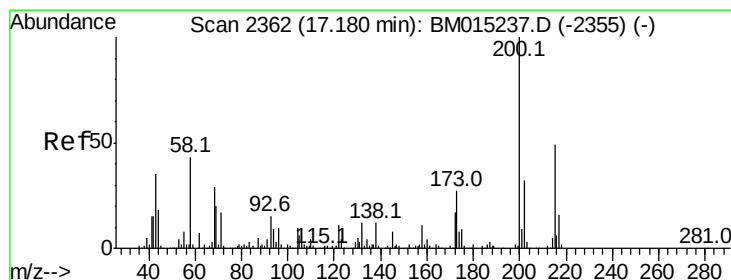
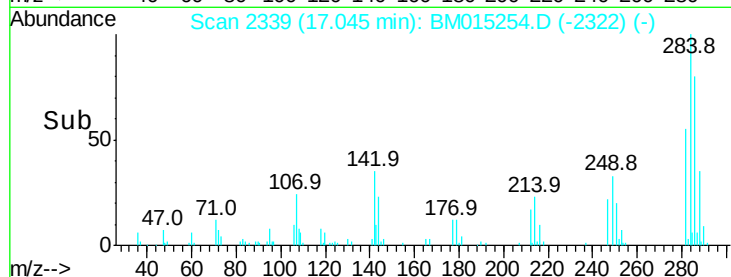
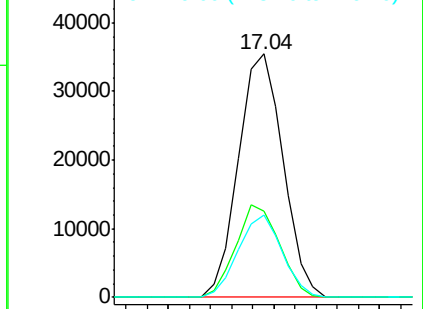
249 33.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.925 ng

RT: 17.17 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

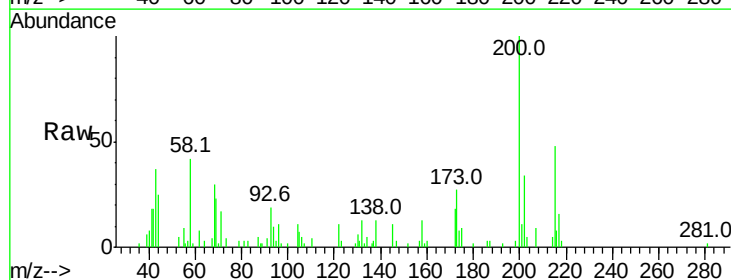
Tgt Ion:200 Resp: 24577

Ion Ratio Lower Upper

200 100

173 27.5 4.8 44.8

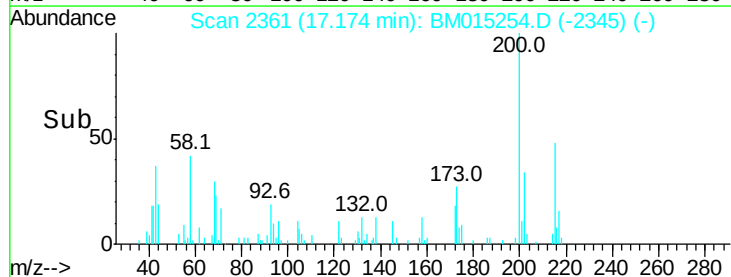
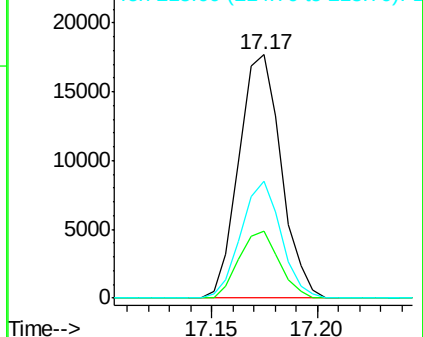
215 48.2 26.9 66.9

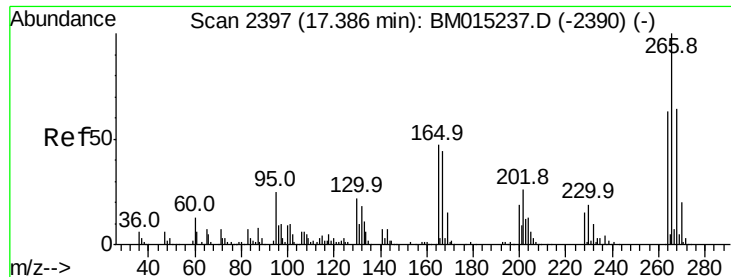


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 3.451 ng

RT: 17.39 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

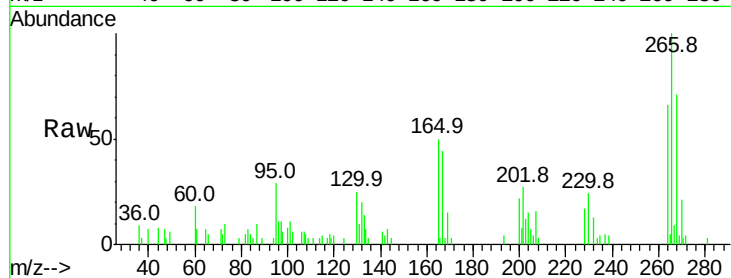
Tot Ion:266 Resp: 20374

Ion Ratio Lower Upper

266 100

268 71.1 52.0 78.0

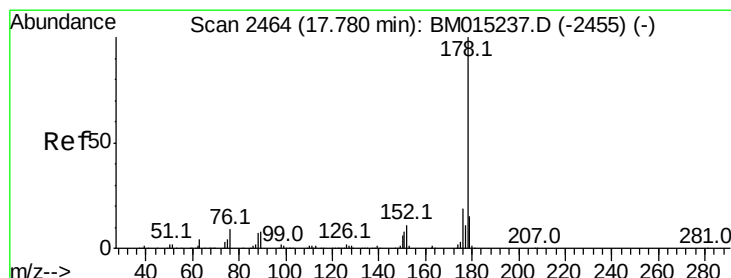
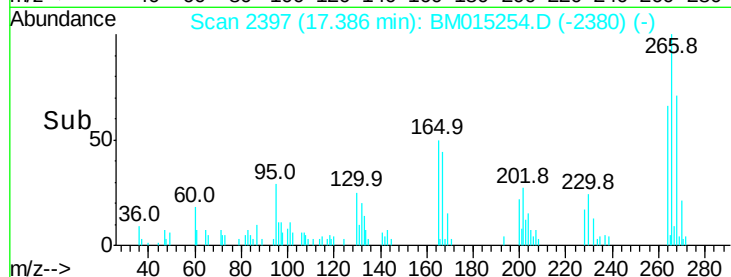
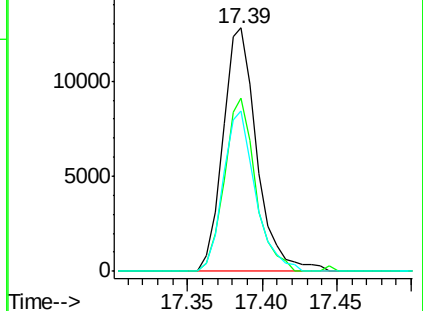
264 66.0 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 4.892 ng

RT: 17.77 min Scan# 2463

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

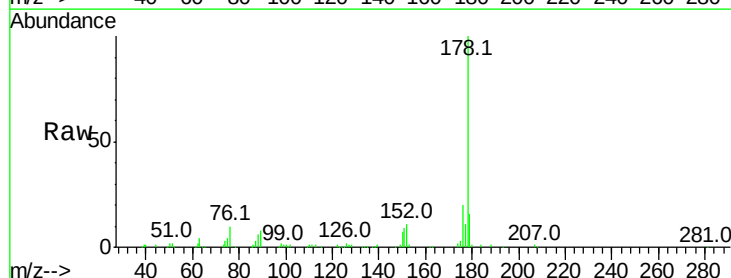
Tgt Ion:178 Resp: 229702

Ion Ratio Lower Upper

178 100

176 19.7 15.2 22.8

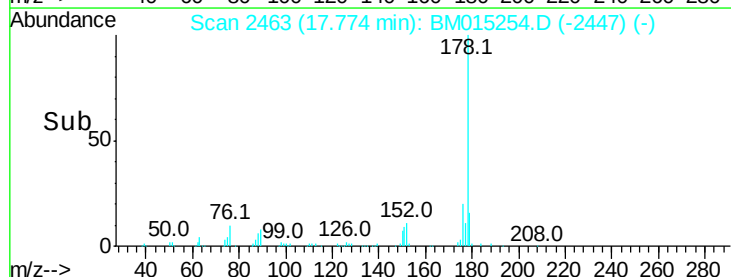
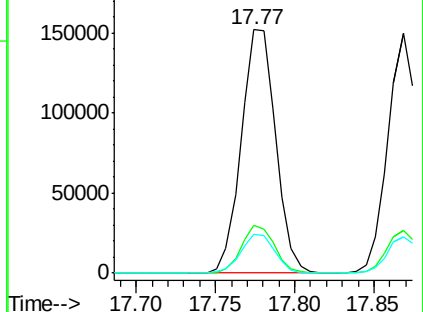
179 16.1 12.1 18.1

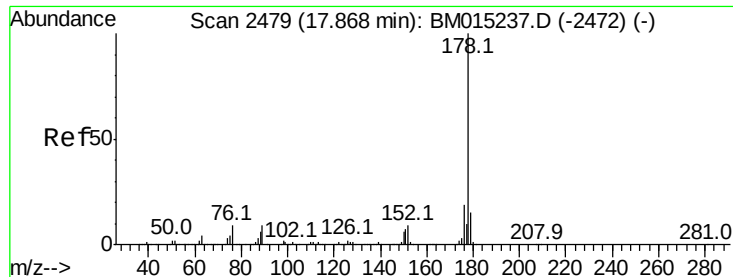


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

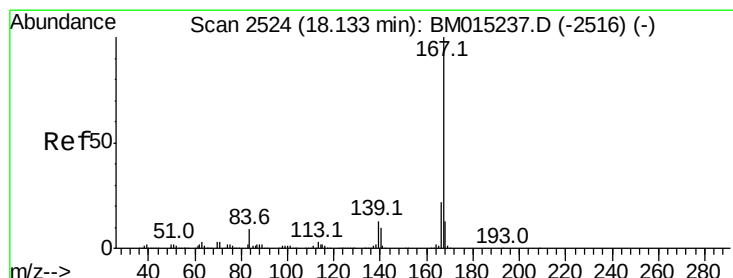
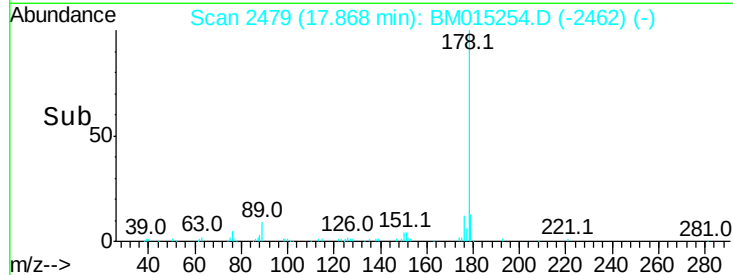
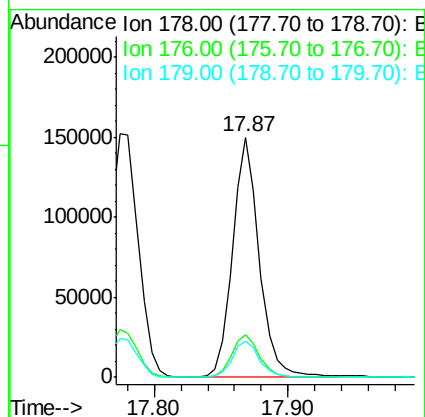
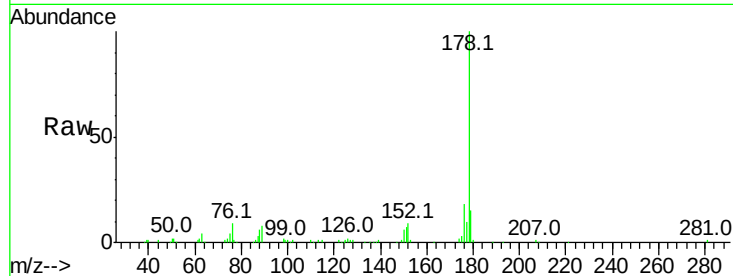




#71
 Anthracene
 Concen: 4.494 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

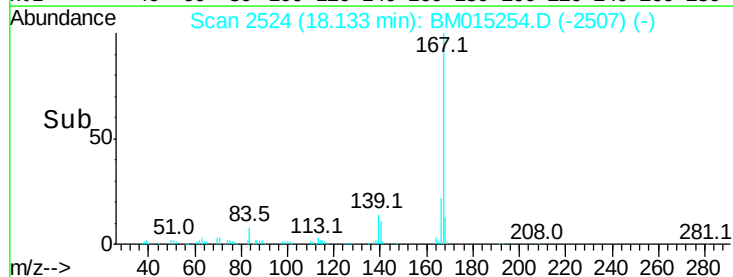
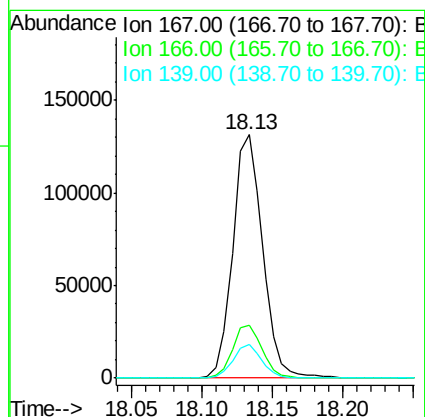
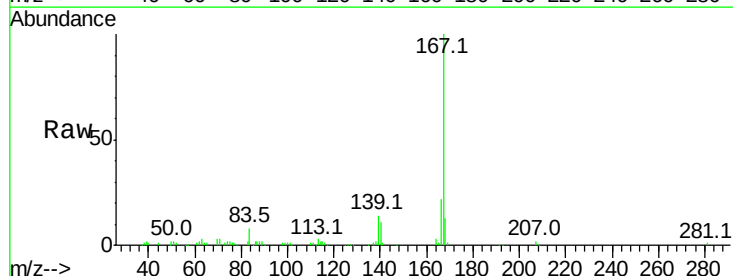
Instrument :
 BNA_M
 ClientSampleId :

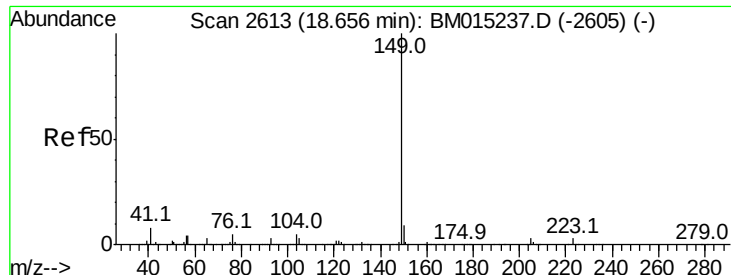
Tot Ion:178 Resp: 210372
 Ion Ratio Lower Upper
 178 100
 176 17.6 14.6 22.0
 179 15.0 12.6 19.0



#72
 Carbazole
 Concen: 4.675 ng
 RT: 18.13 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion:167 Resp: 193752
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.8 10.8 16.2

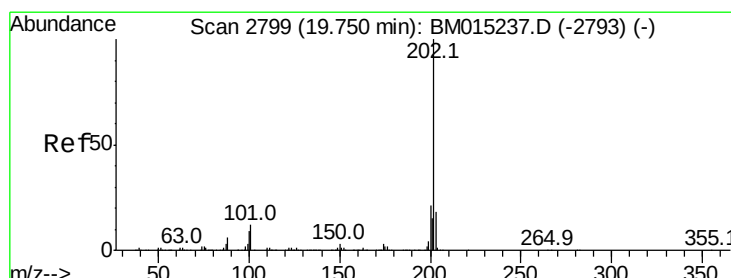
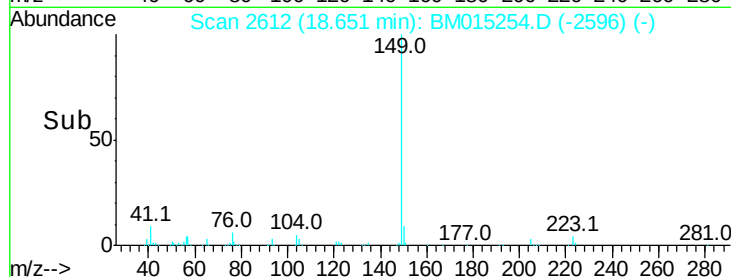
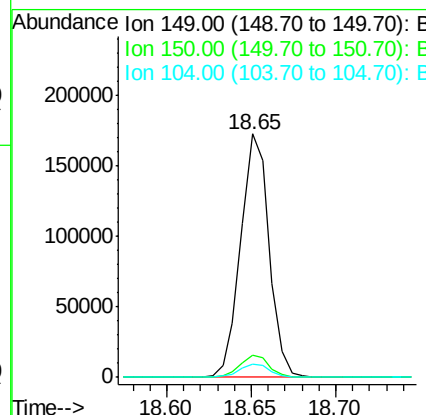
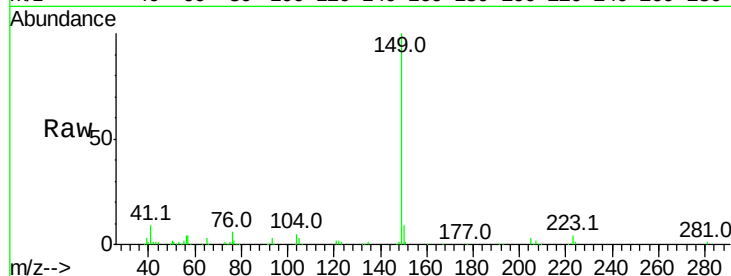




#73
Di-n-butylphthalate
Concen: 4.156 ng
RT: 18.65 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

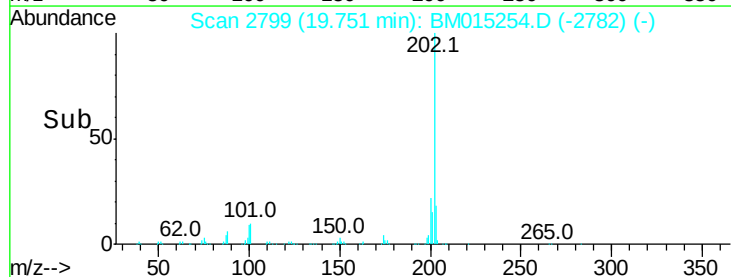
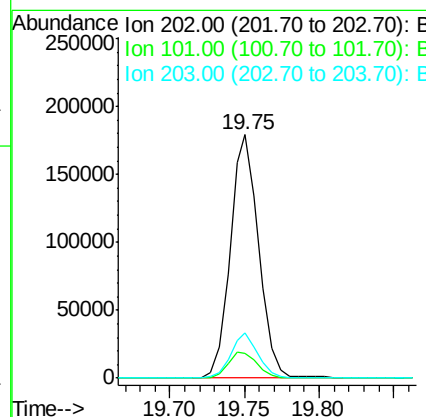
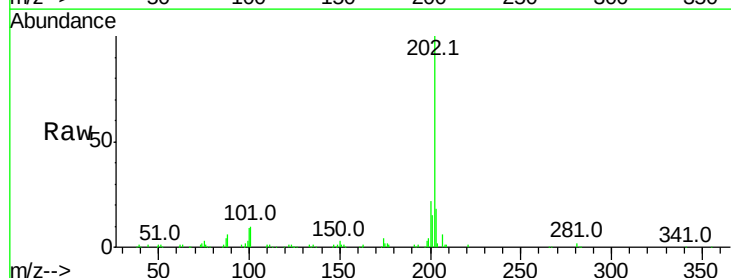
Instrument :
BNA_M
ClientSampleId :

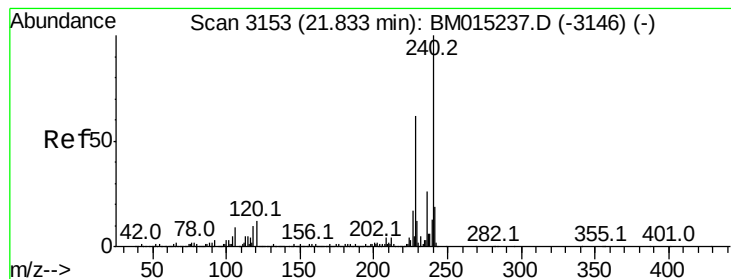
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	5.3	3.7	5.5



#74
Fluoranthene
Concen: 4.644 ng
RT: 19.75 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.7
203	18.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

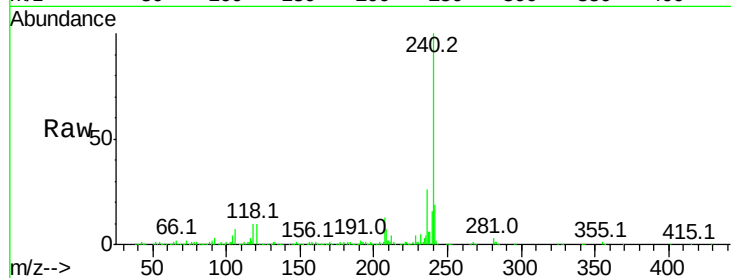
Tot Ion:240 Resp: 840616

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

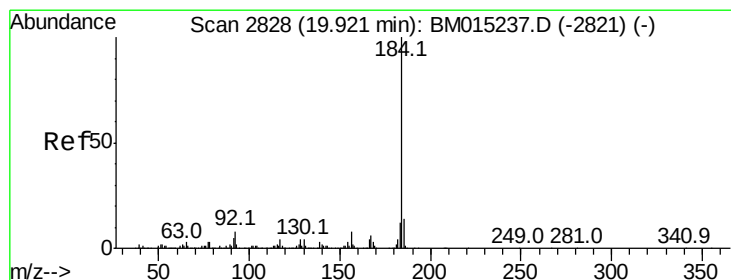
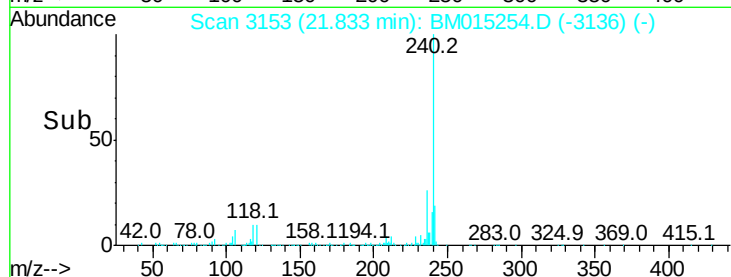
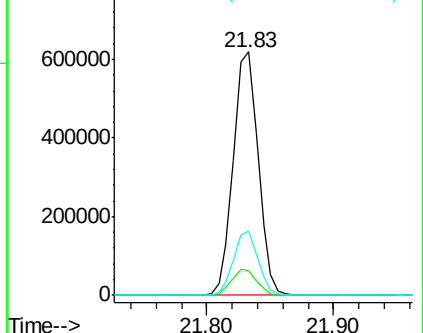
236 26.4 20.0 30.0



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: 2.482 ng

RT: 19.92 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

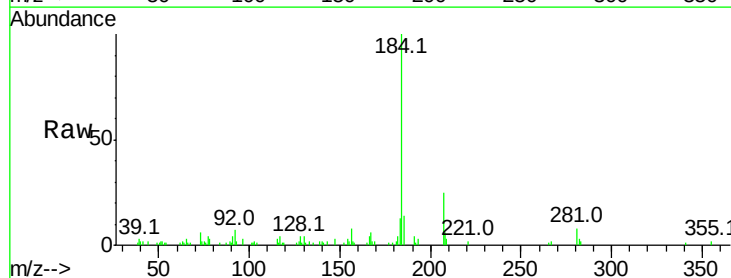
Tgt Ion:184 Resp: 65317

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

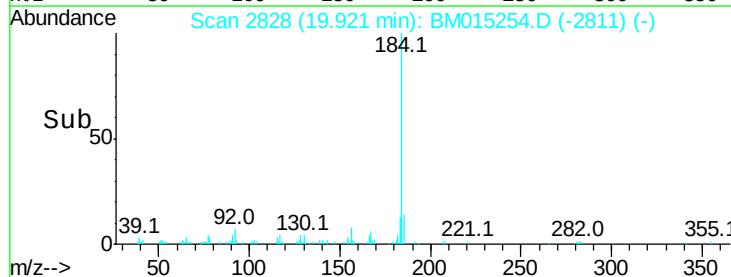
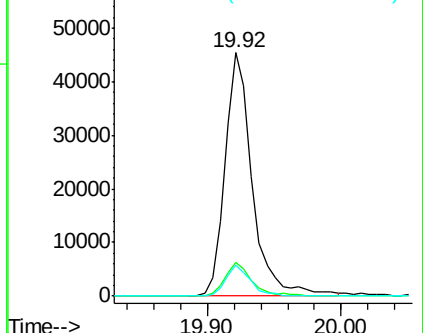
183 12.7 8.9 13.3

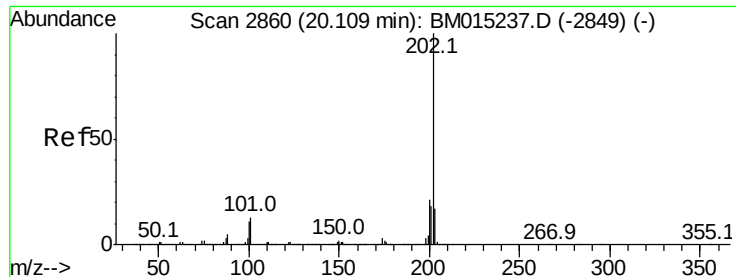


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

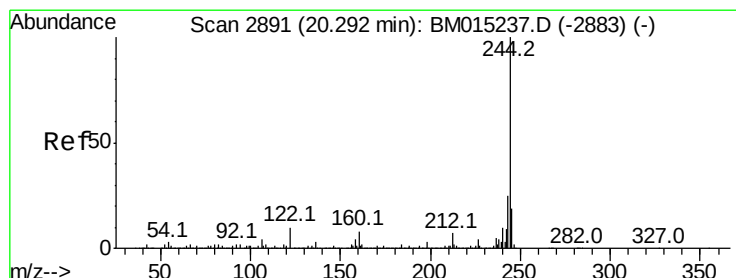
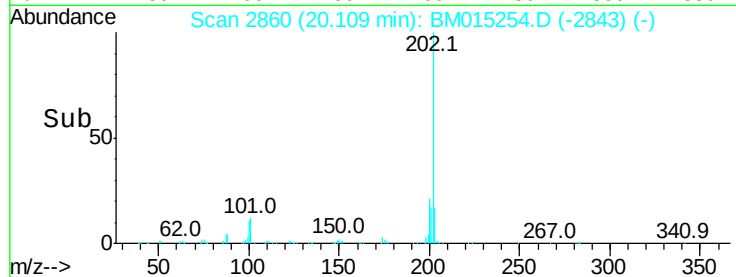
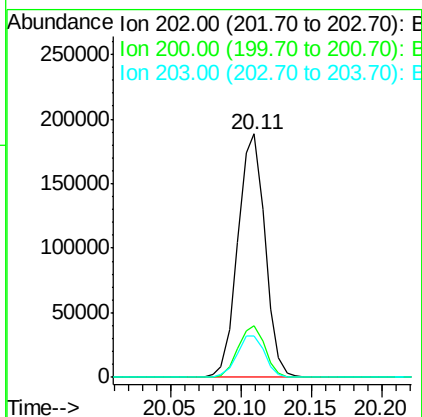
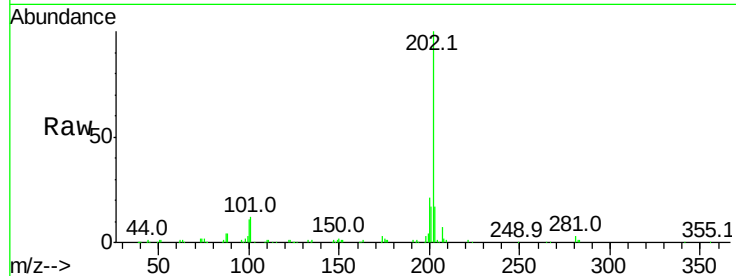




#77
Pvrene
Concen: 4.795 ng
RT: 20.11 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

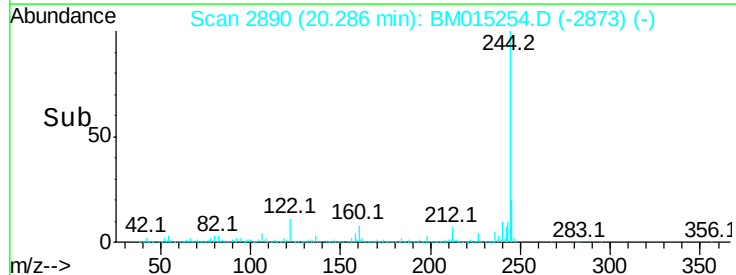
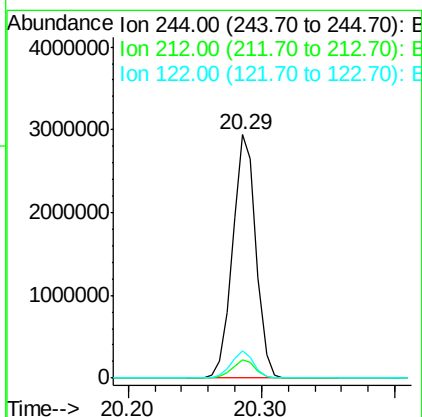
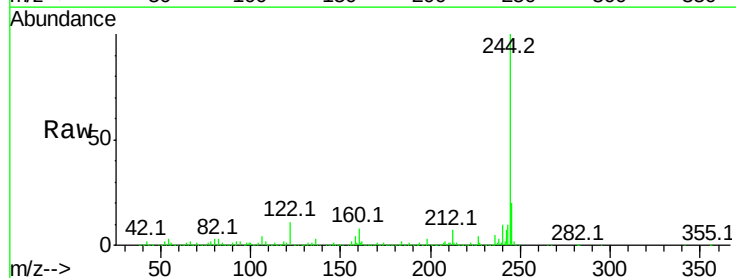
Instrument :
BNA_M
ClientSampleId :

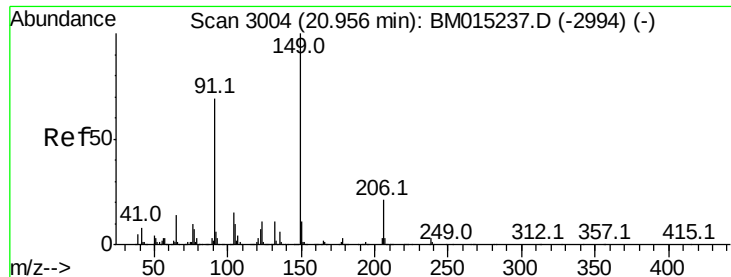
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.2	14.1	21.1



#78
Terphenyl-d14
Concen: 93.753 ng
RT: 20.29 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	11.2	6.2	9.4#

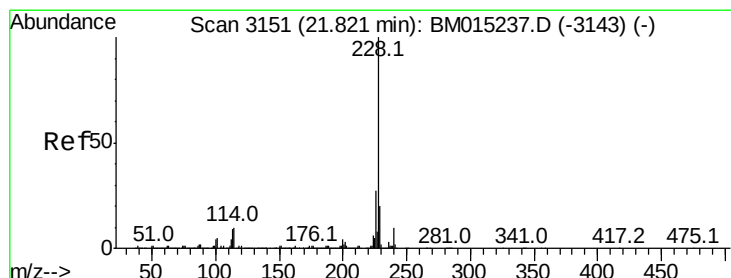
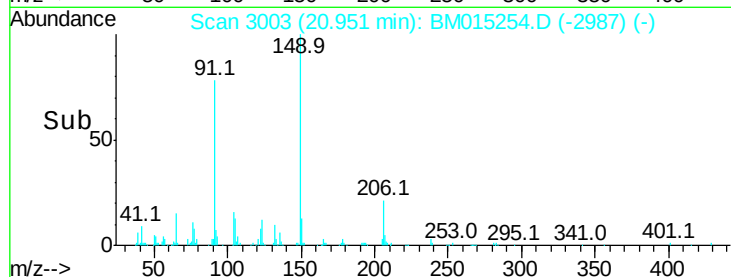
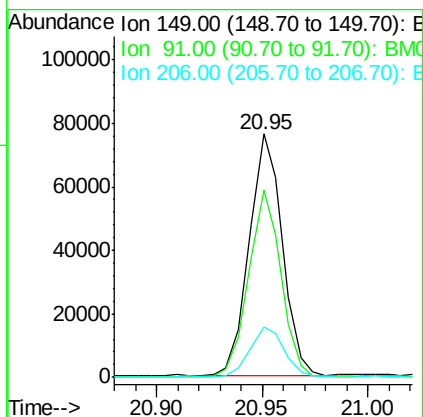
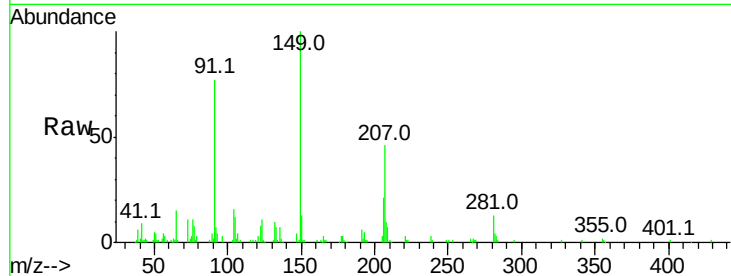




#79
Butylbenzylphthalate
Concen: 3.837 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

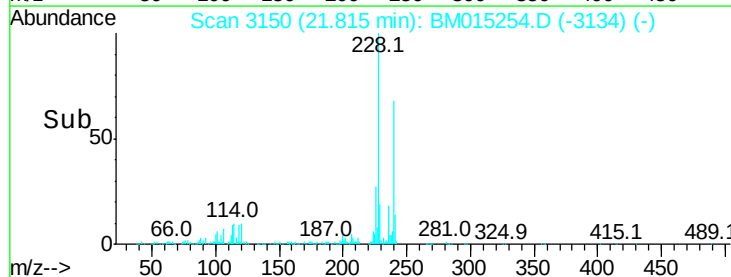
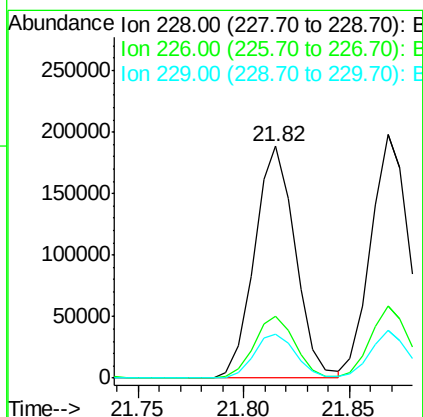
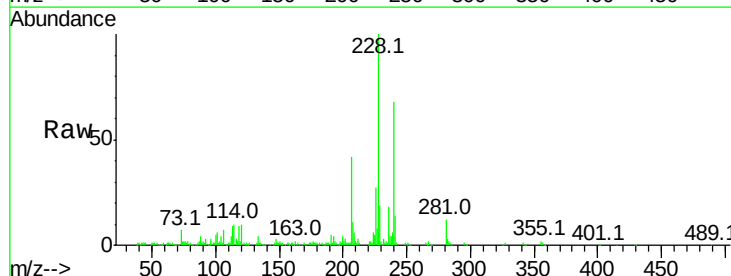
Instrument :
BNA_M
ClientSampled :

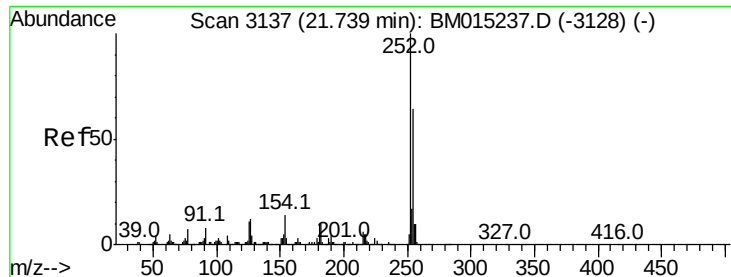
Tot Ion:149 Resp: 83118
Ion Ratio Lower Upper
149 100
91 76.9 50.1 75.1#
206 20.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 4.775 ng
RT: 21.82 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BM015254.D
Acq: 22 May 2018 23:40

Tgt Ion:228 Resp: 252939
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.3 16.0 24.0

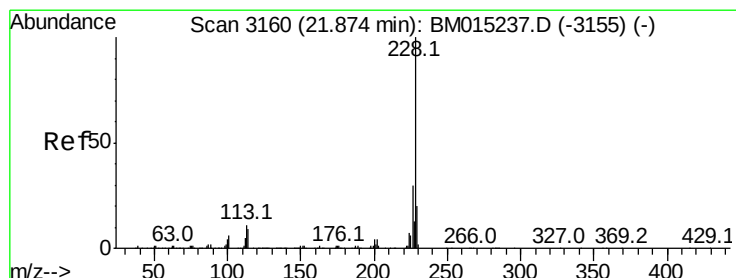
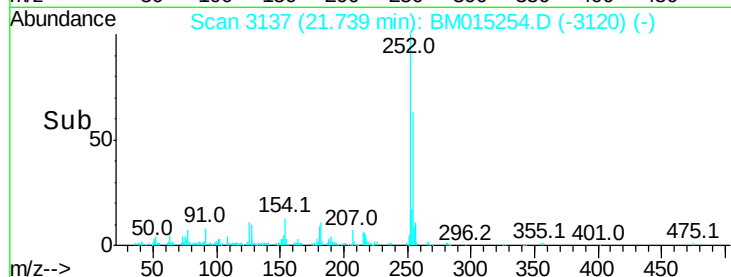
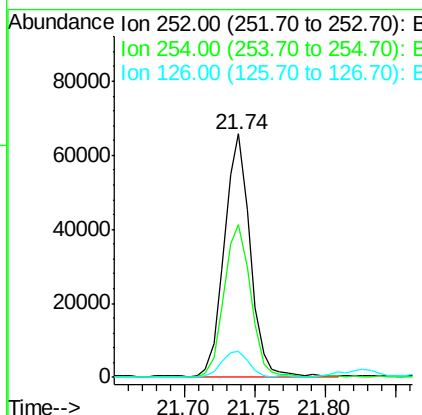
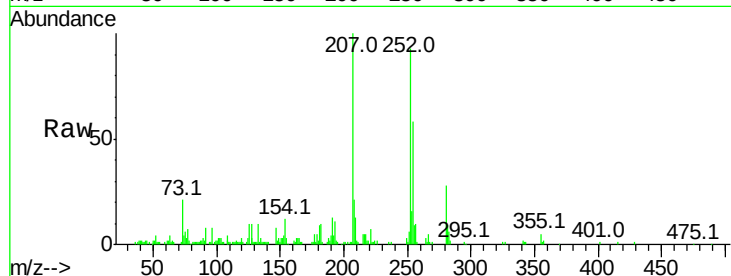




#81
 3,3'-Dichlorobenzidine
 Concen: 4.327 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

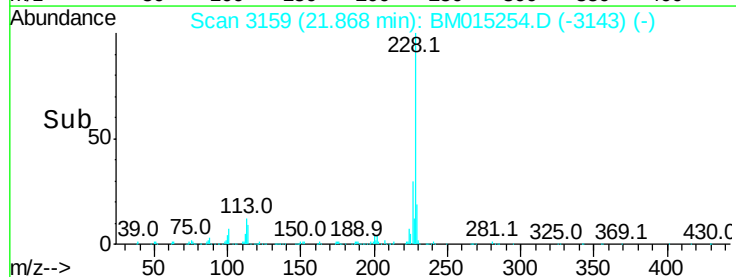
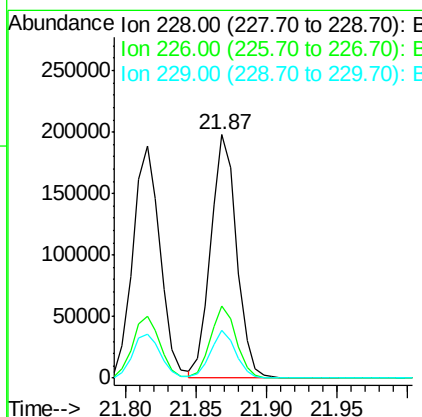
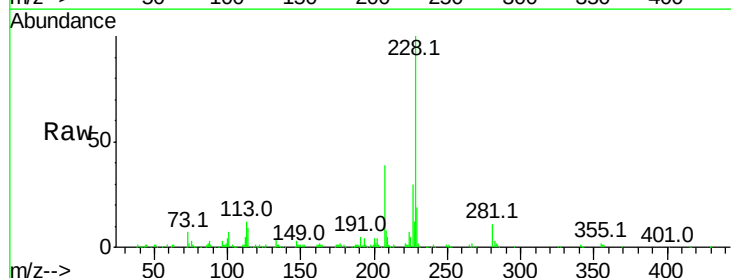
Instrument :
 BNA_M
 ClientSampleId :

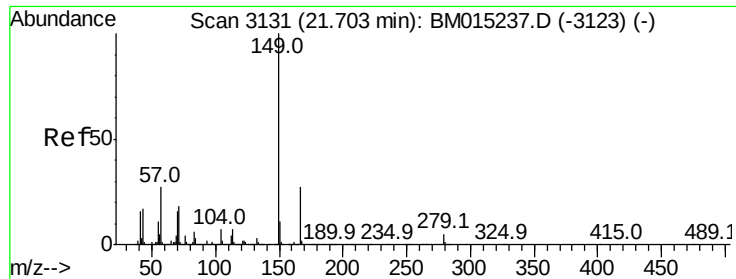
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.9	77.9
126	10.8	9.8	14.8



#82
 Chrysene
 Concen: 5.008 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015254.D
 Acq: 22 May 2018 23:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.4	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.932 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

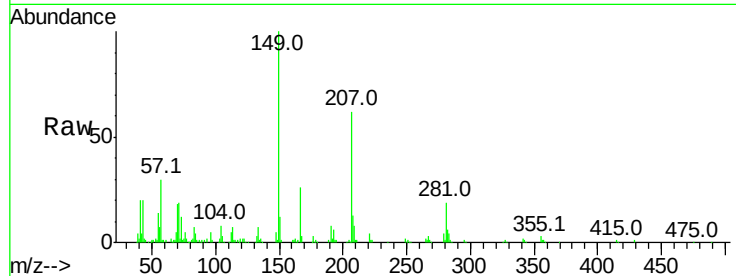
Tot Ion:149 Resp: 123892

Ion Ratio Lower Upper

149 100

167 26.3 22.4 33.6

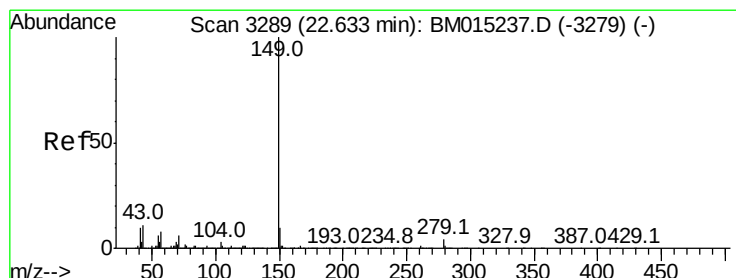
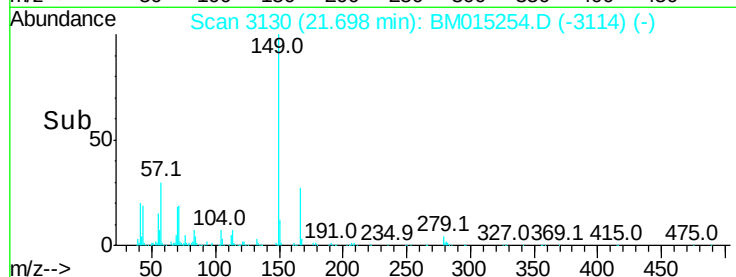
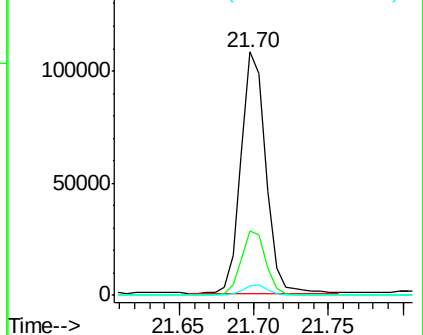
279 4.0 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 3.484 ng

RT: 22.63 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

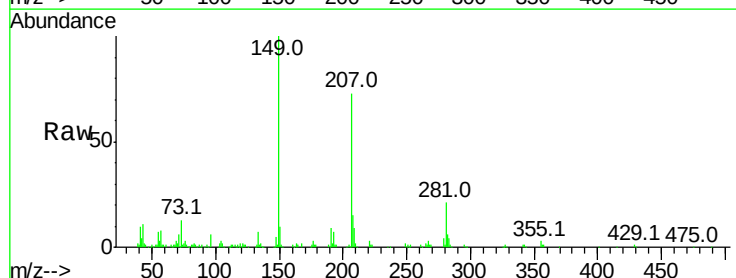
Tgt Ion:149 Resp: 191999

Ion Ratio Lower Upper

149 100

167 1.9 1.2 1.8#

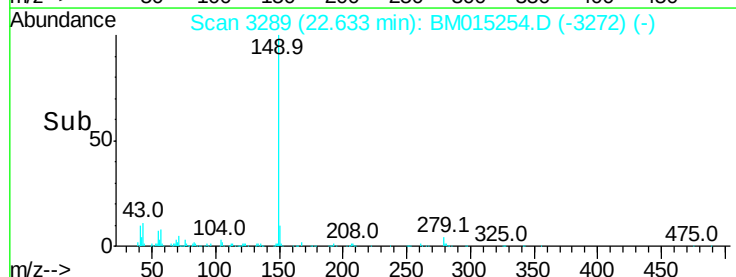
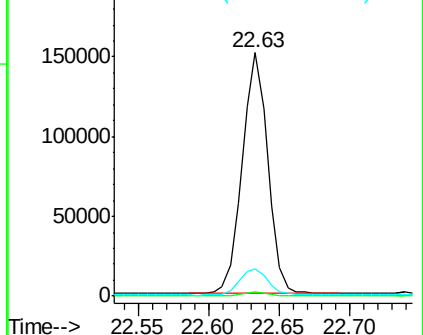
43 12.0 7.3 10.9#

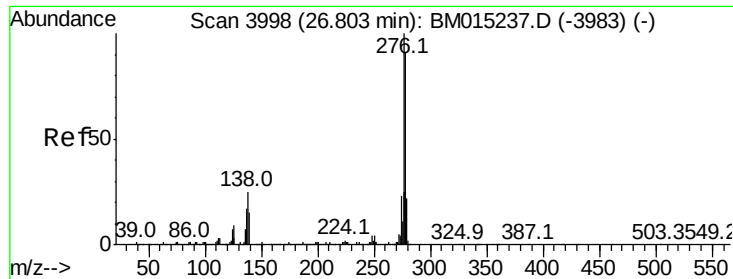


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.805 ng

RT: 26.79 min Scan# 3996

Delta R.T. -0.01 min

Lab File: BM015254.D

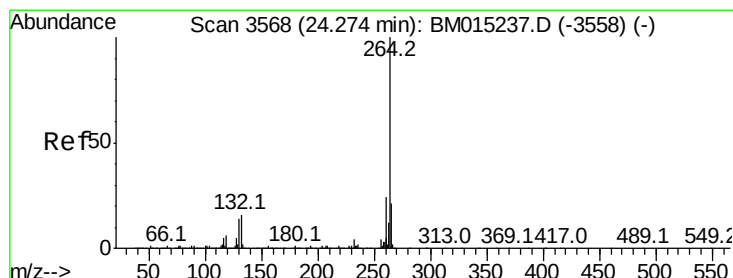
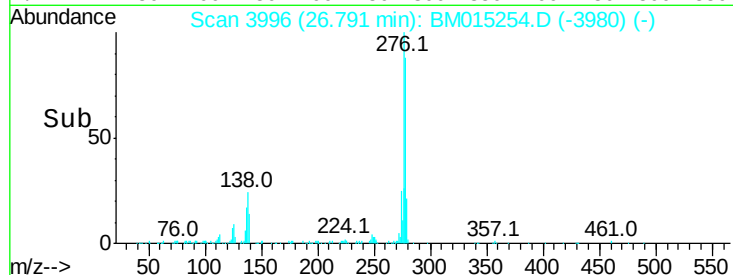
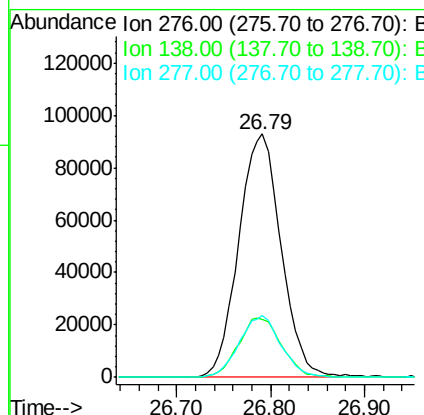
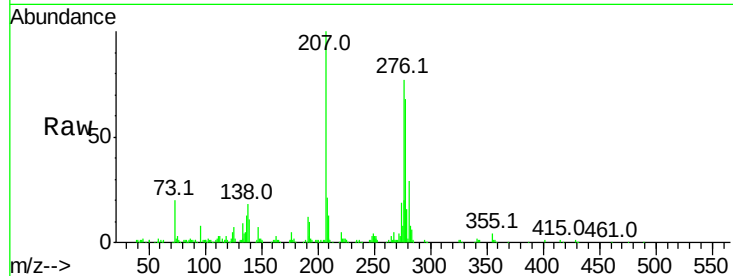
Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	276	Resp:	290035
Ion Ratio	Lower	Upper	
276	100		
138	25.0	12.0	18.0#
277	25.1	20.0	30.0



#86

Perylene-d12

Concen: 20.000 ng

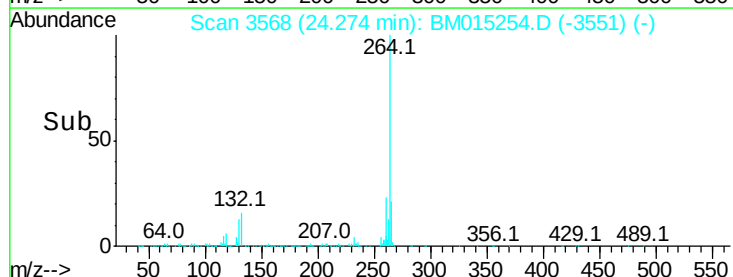
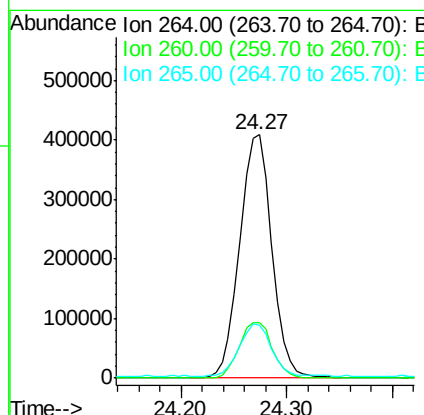
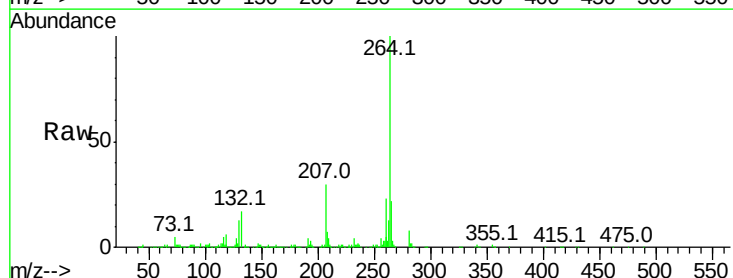
RT: 24.27 min Scan# 3568

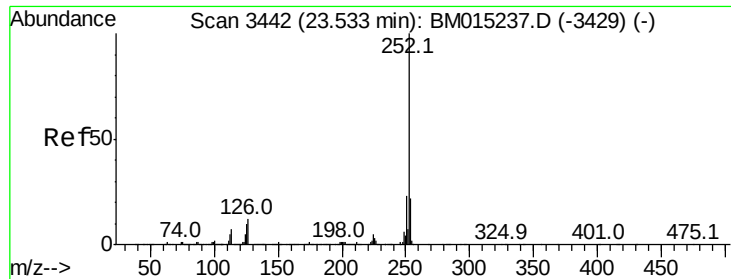
Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Tgt Ion:	264	Resp:	864604
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 4.719 ng

RT: 23.53 min Scan# 3441

Delta R.T. 0.00 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

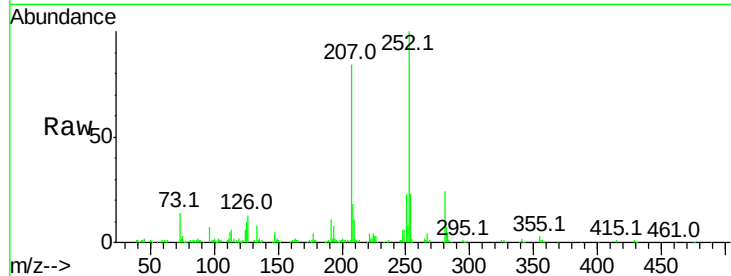
Tot Ion:252 Resp: 258178

Ion Ratio Lower Upper

252 100

253 22.9 18.0 27.0

125 10.2 9.9 14.9

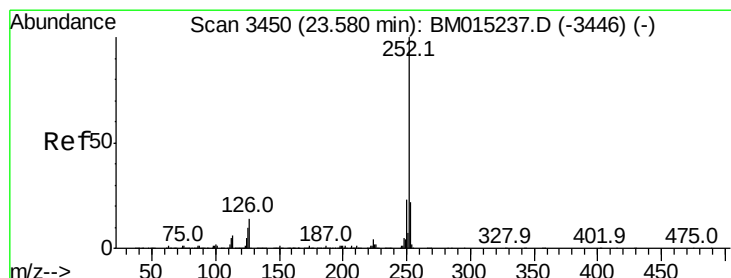
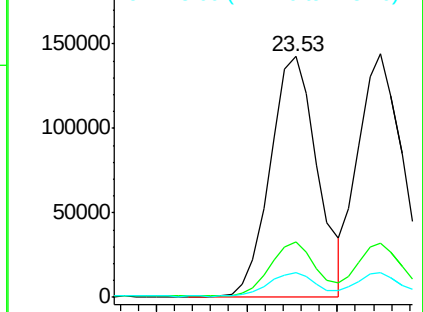
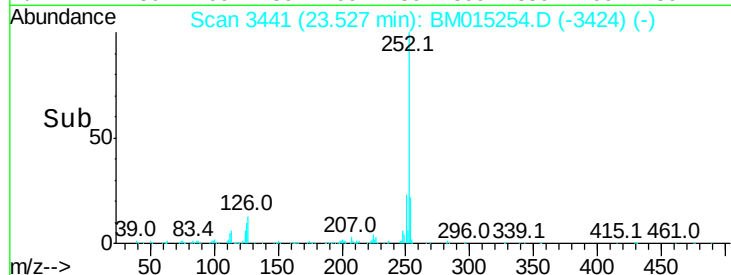


Abundance

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: 4.736 ng

RT: 23.57 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

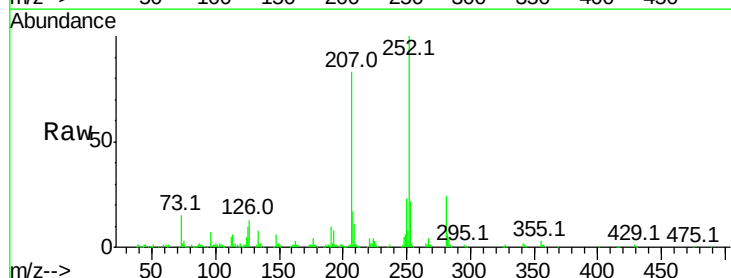
Tgt Ion:252 Resp: 245084

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 10.2 8.1 12.1

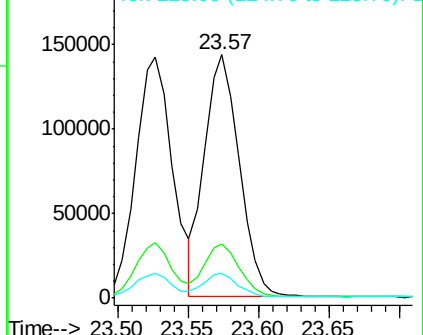
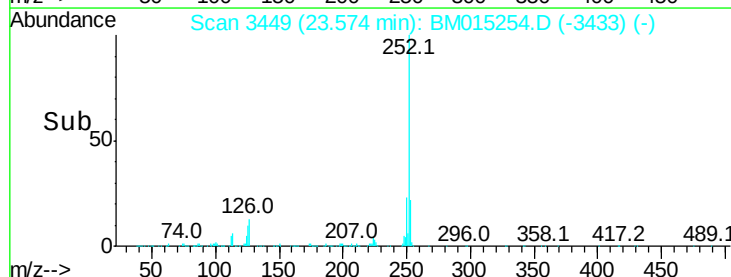


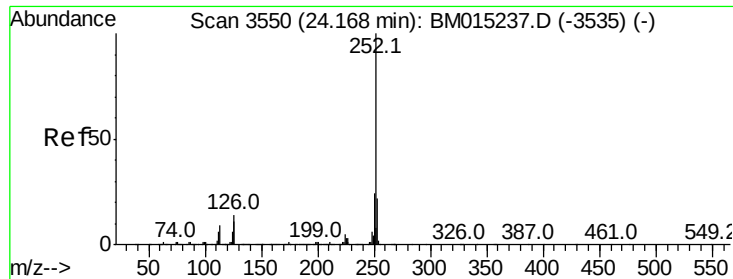
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 4.513 ng

RT: 24.16 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM015254.D

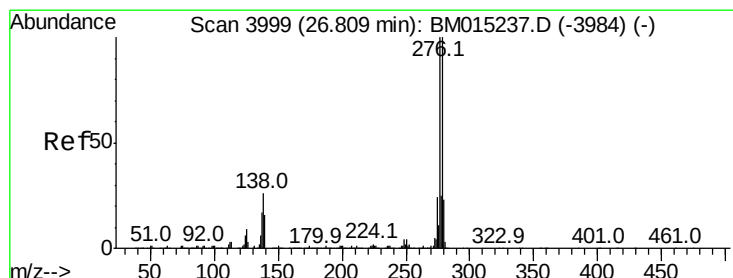
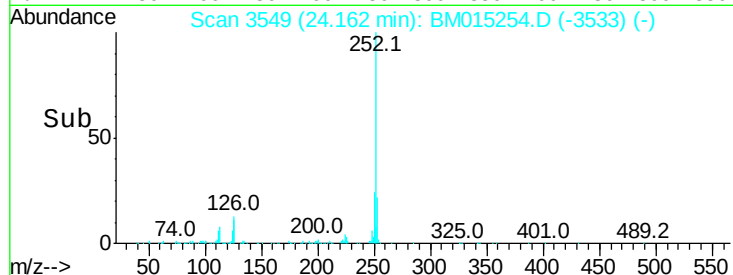
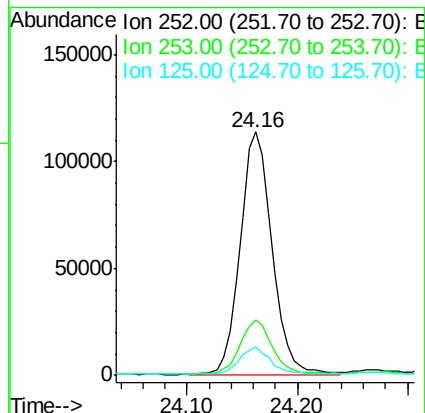
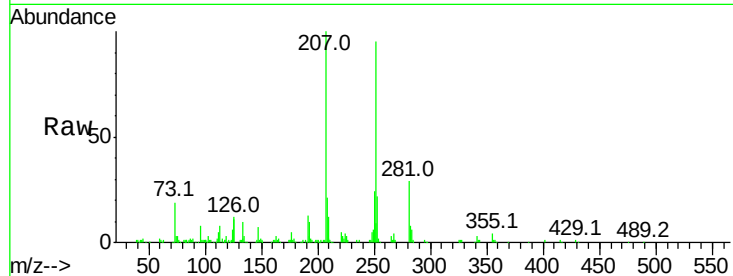
Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	230270
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.7	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 4.741 ng

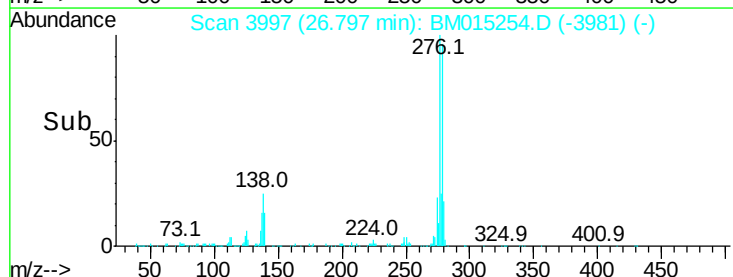
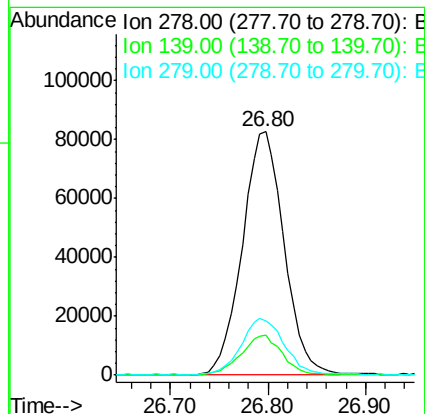
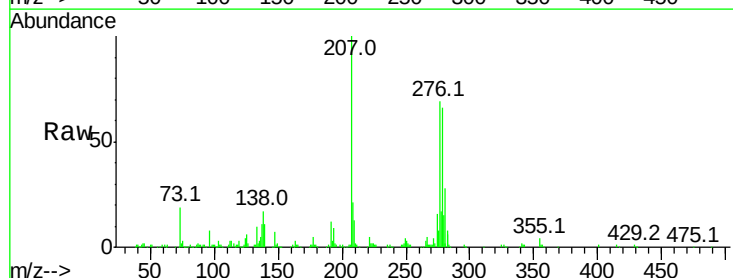
RT: 26.80 min Scan# 3997

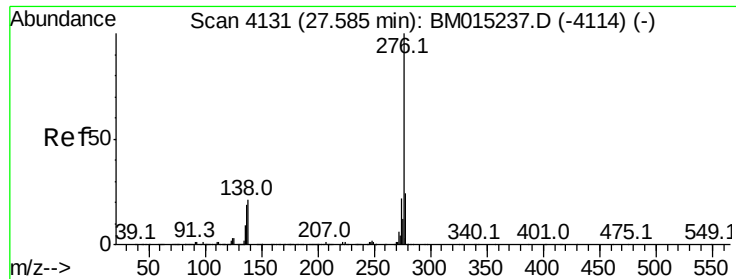
Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Tgt Ion:	278	Resp:	246814
Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.4	20.0
279	22.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 4.714 ng

RT: 27.56 min Scan# 4127

Delta R.T. -0.01 min

Lab File: BM015254.D

Acq: 22 May 2018 23:40

Instrument :

BNA_M

ClientSampleId :

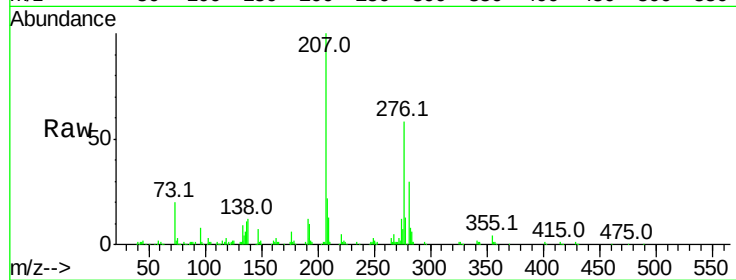
Tot Ion:276 Resp: 239014

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 20.2 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

