

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033297.D
 Acq On : 22 Mar 2018 16:42
 Operator : SJ/JU
 Sample : J1756-08MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 22 17:34:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	40685	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	178082	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	138158	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	353548	20.00	ng	0.00
75) Chrysene-d12	22.60	240	353075	20.00	ng	0.00
86) Perylene-d12	26.40	264	372170	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	360108	165.97	ng	0.00
7) Phenol-d6	8.00	99	526333	141.18	ng	0.00
23) Nitrobenzene-d5	10.09	82	377259	97.33	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	320013	154.87	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	913480	95.45	ng	0.00
78) Terphenyl-d14	20.76	244	1676033	101.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.95	88	42453	38.528	ng	# 84
3) Pyridine	4.42	79	100130	32.873	ng	96
4) n-Nitrosodimethylamine	4.32	42	67677	54.141	ng	# 93
6) Aniline	8.19	93	40234	9.177	ng	99
8) 2-Chlorophenol	8.44	128	139233	56.132	ng	94
9) Benzaldehyde	7.99	77	38907	16.422	ng	92
10) Phenol	8.03	94	186391	50.640	ng	90
11) bis(2-Chloroethyl)ether	8.27	93	140067	46.622	ng	97
12) 1,3-Dichlorobenzene	8.78	146	146044	45.034	ng	95
13) 1,4-Dichlorobenzene	8.93	146	157523	48.502	ng	90
14) 1,2-Dichlorobenzene	9.26	146	146829	46.321	ng	96
15) Benzyl Alcohol	9.13	79	162835	55.476	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.41	45	230581	47.080	ng	88
17) 2-Methylphenol	9.66	107	183249	73.083	ng	89
18) Hexachloroethane	10.01	117	58143	46.385	ng	98
19) n-Nitroso-di-n-propylamine	9.70	70	132917	48.656	ng	96
20) 3+4-Methylphenols	9.66	107	183249	51.329	ng	87
22) Acetophenone	9.74	105	237237	48.626	ng	# 95
24) Nitrobenzene	10.13	77	206952	49.882	ng	# 89
25) Isophorone	10.65	82	400347	53.217	ng	98
26) 2-Nitrophenol	10.86	139	84898	54.051	ng	# 84
27) 2,4-Dimethylphenol	10.89	122	146711	64.297	ng	93
28) bis(2-Chloroethoxy)methane	11.13	93	206162	54.925	ng	99
29) 2,4-Dichlorophenol	11.40	162	164856	58.748	ng	97
30) 1,2,4-Trichlorobenzene	11.63	180	170087	46.652	ng	99
31) Naphthalene	11.83	128	467908	50.704	ng	97
32) Benzoic acid	11.04	122	96685	45.581	ng	93
33) 4-Chloroaniline	11.93	127	28161	6.811	ng	# 95
34) Hexachlorobutadiene	12.09	225	124482	45.150	ng	95
35) Caprolactam	12.68	113	48272	43.910	ng	98
36) 4-Chloro-3-methylphenol	12.99	107	213013	58.201	ng	91
37) 2-Methylnaphthalene	13.60	142	345751	48.271	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	233745	46.707	ng	98
40) Hexachlorocyclopentadiene	13.70	237	302326	103.052	ng	91

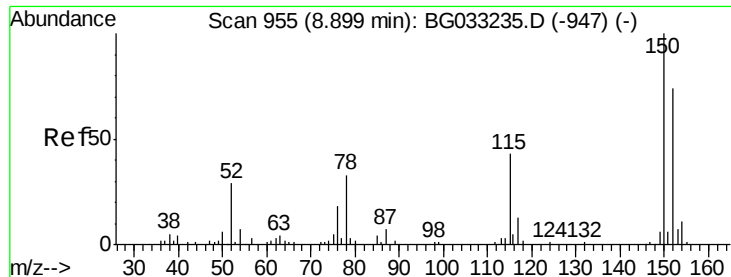
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033297.D
 Acq On : 22 Mar 2018 16:42
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	160798	55.303	nq	99
43) 2,4,5-Trichlorophenol	14.04	196	182456	53.089	nq	98
45) 1,1'-Biphenyl	14.35	154	505253	47.601	nq	99
46) 2-Chloronaphthalene	14.41	162	395658	48.344	nq	96
47) 2-Nitroaniline	14.59	65	161767	52.771	nq	90
48) Acenaphthylene	15.24	152	647325	47.385	nq	98
49) Dimethylphthalate	14.94	163	597767	49.717	nq	100
50) 2,6-Dinitrotoluene	15.07	165	127790	51.979	nq	97
51) Acenaphthene	15.58	154	471272	53.515	nq	97
52) 3-Nitroaniline	15.41	138	26362	10.228	nq	# 96
53) 2,4-Dinitrophenol	15.60	184	109692	85.570	nq	# 75
54) Dibenzofuran	15.90	168	652893	50.191	nq	92
55) 4-Nitrophenol	15.69	139	179147	98.845	nq	# 82
56) 2,4-Dinitrotoluene	15.85	165	188904	52.186	nq	96
57) Fluorene	16.54	166	543571	49.050	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	190996	59.032	nq	91
59) Diethylphthalate	16.27	149	581331	49.792	nq	99
60) 4-Chlorophenyl-phenylether	16.52	204	315571	49.537	nq	99
61) 4-Nitroaniline	16.56	138	80967	31.021	nq	88
62) Azobenzene	16.82	77	567484	50.177	nq	98
64) 4,6-Dinitro-2-methylphenol	16.60	198	92254	43.618	nq	90
65) n-Nitrosodiphenylamine	16.73	169	511364	50.664	nq	97
66) 4-Bromophenyl-phenylether	17.41	248	213101	51.324	nq	98
67) Hexachlorobenzene	17.54	284	216109	49.318	nq	95
68) Atrazine	17.65	200	204393	49.974	nq	97
69) Pentachlorophenol	17.88	266	295101	98.119	nq	97
70) Phenanthrene	18.28	178	916517	49.776	nq	99
71) Anthracene	18.38	178	944478	50.660	nq	98
72) Carbazole	18.63	167	809192	48.980	nq	97
73) Di-n-butylphthalate	19.12	149	968798	50.381	nq	# 98
74) Fluoranthene	20.23	202	1142293	50.132	nq	96
76) Benzidine	20.41	184	77568	8.101	nq	96
77) Pyrene	20.59	202	1139043	48.371	nq	98
79) Butylbenzylphthalate	21.45	149	429807	49.461	nq	97
80) Benzo(a)anthracene	22.58	228	1123948	49.993	nq	99
81) 3,3'-Dichlorobenzidine	22.46	252	122076	15.259	nq	# 98
82) Chrysene	22.66	228	1062679	48.830	nq	96
83) Bis(2-ethylhexyl)phthalate	22.40	149	595444	49.708	nq	97
84) Di-n-octyl phthalate	23.80	149	1000510	54.550	nq	98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1225696	52.091	nq	# 89
87) Benzo(b)fluoranthene	25.17	252	1082799	50.358	nq	# 96
88) Benzo(k)fluoranthene	25.25	252	1096545	50.423	nq	# 97
89) Benzo(a)pyrene	26.22	252	1075509	52.085	nq	# 97
90) Dibenzo(a,h)anthracene	30.89	278	1010455	51.950	nq	98
91) Benzo(g,h,i)perylene	32.20	276	1011987	52.542	nq	# 92

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

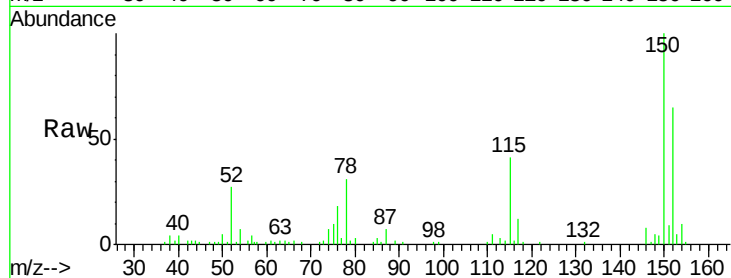


#1

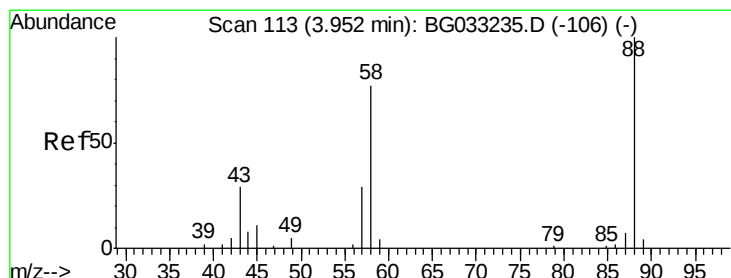
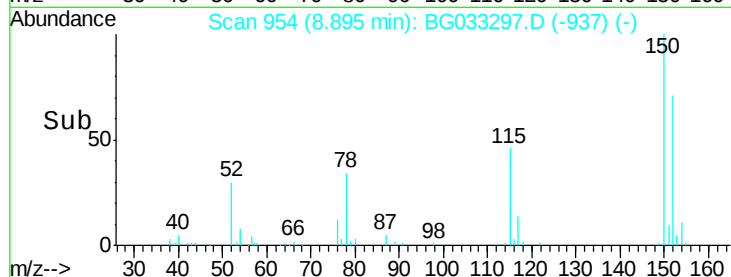
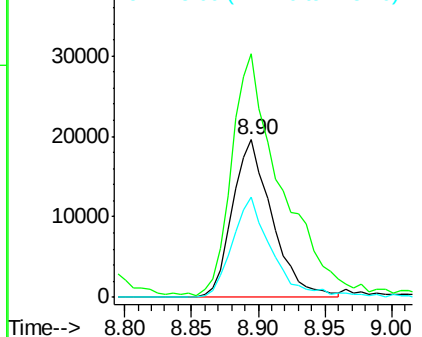
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40685
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 63.8 53.0 79.4



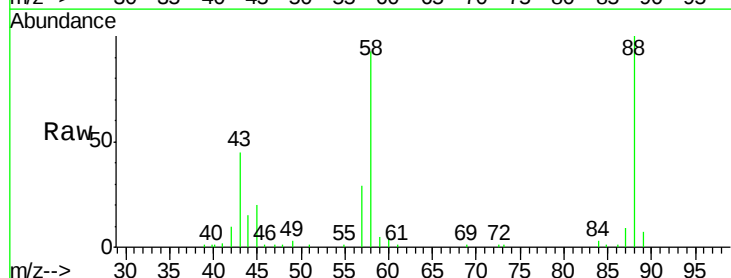
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



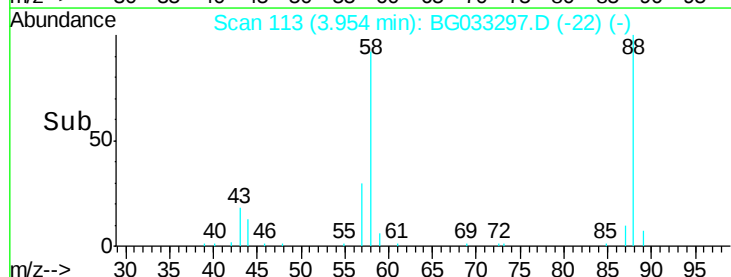
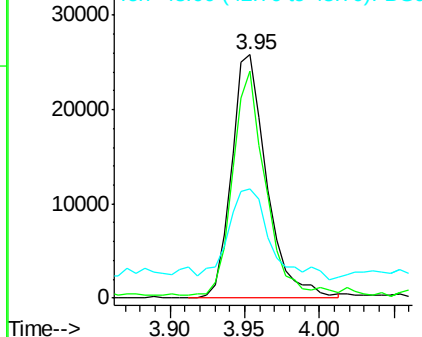
#2

1,4-Dioxane
Concen: 38.528 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion: 88 Resp: 42453
Ion Ratio Lower Upper
88 100
58 84.4 79.6 119.4
43 44.4 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.873 ng

RT: 4.42 min Scan# 193

Delta R.T. 0.01 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampled :

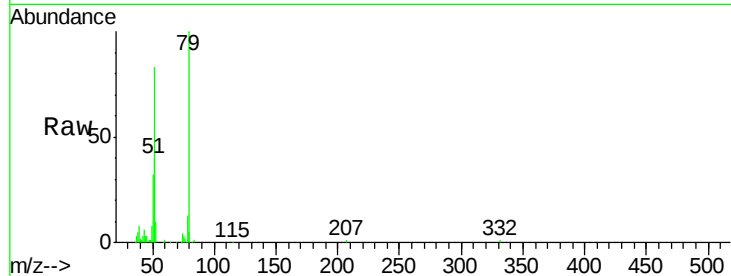
Tot Ion: 79 Resp: 100130

Ion Ratio Lower Upper

79 100

52 82.7 69.9 104.9

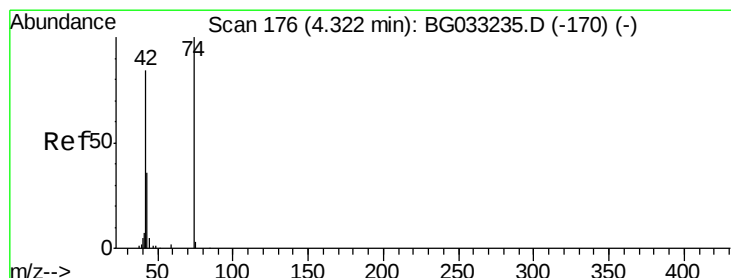
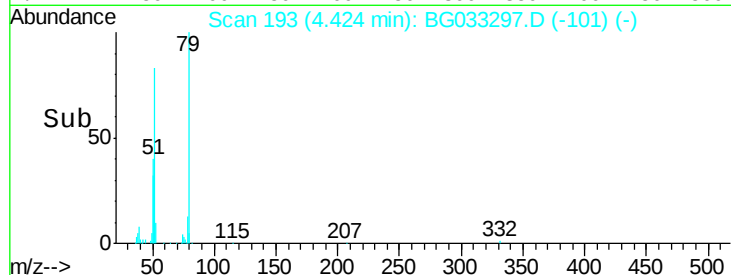
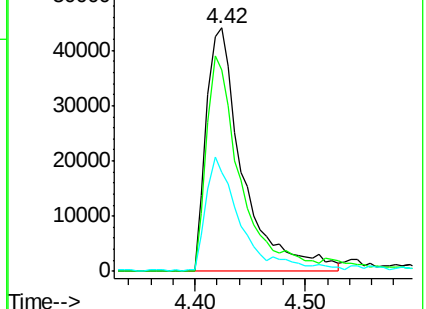
51 40.5 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 54.141 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

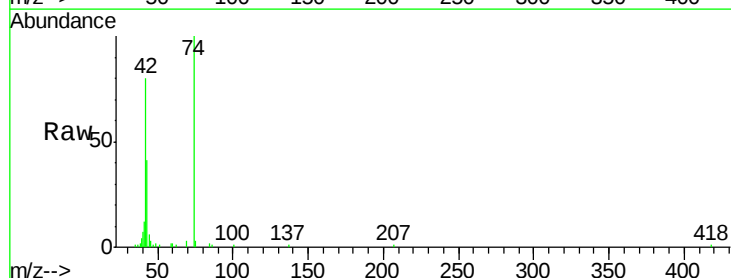
Tgt Ion: 42 Resp: 67677

Ion Ratio Lower Upper

42 100

74 125.4 102.5 153.7

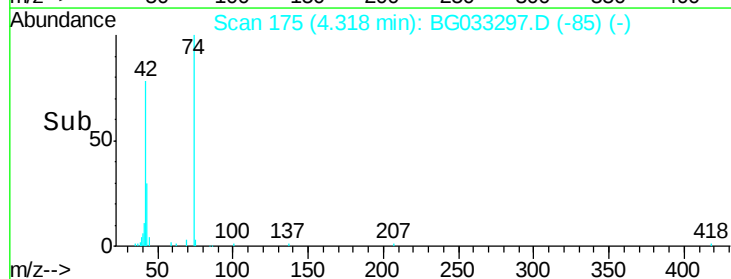
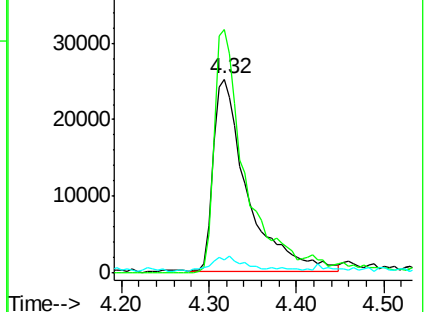
44 7.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 165.969 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

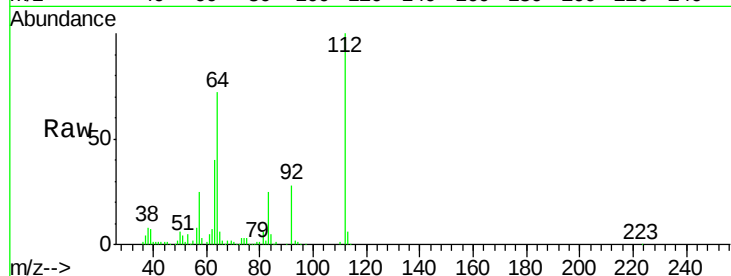
Tot Ion:112 Resp: 360108

Ion Ratio Lower Upper

112 100

64 72.0 56.3 84.5

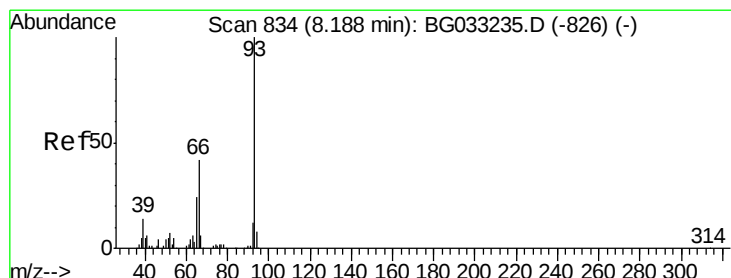
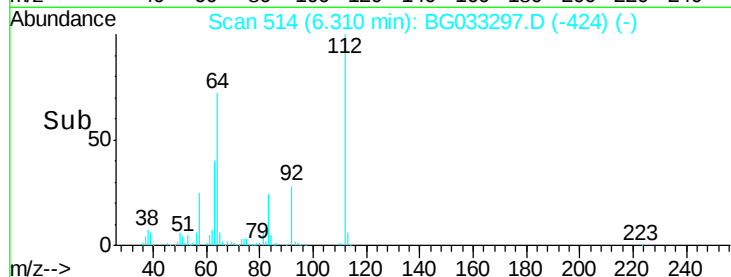
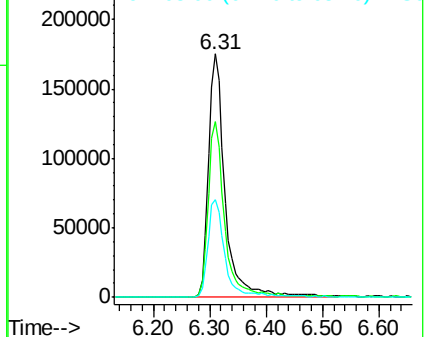
63 40.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.177 ng

RT: 8.19 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

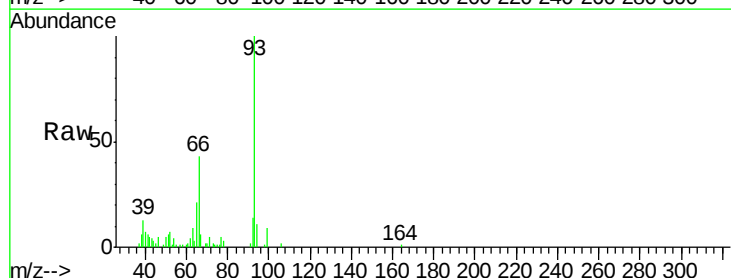
Tgt Ion: 93 Resp: 40234

Ion Ratio Lower Upper

93 100

66 42.6 33.7 50.5

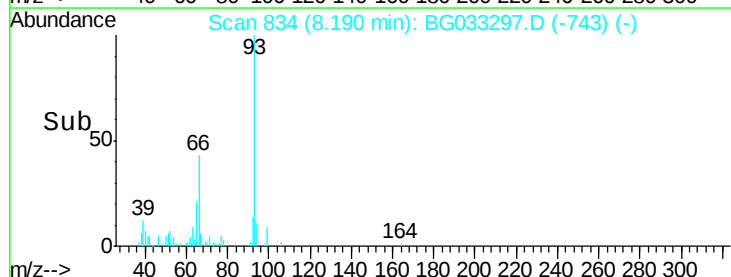
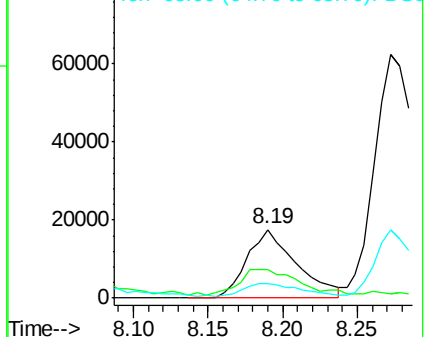
65 21.2 16.1 24.1

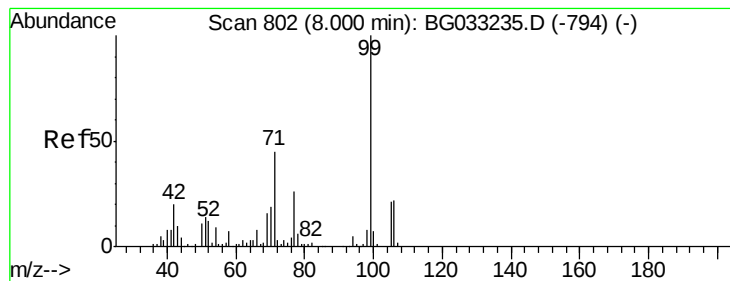


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.182 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

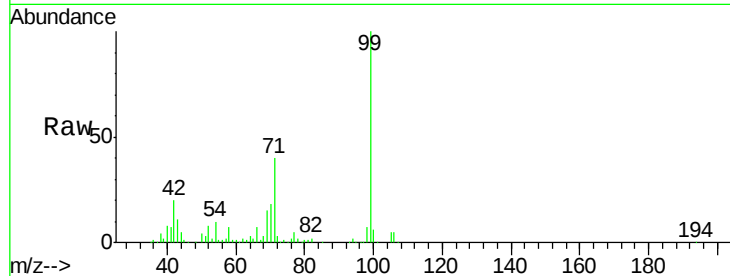
Tot Ion: 99 Resp: 526333

Ion Ratio Lower Upper

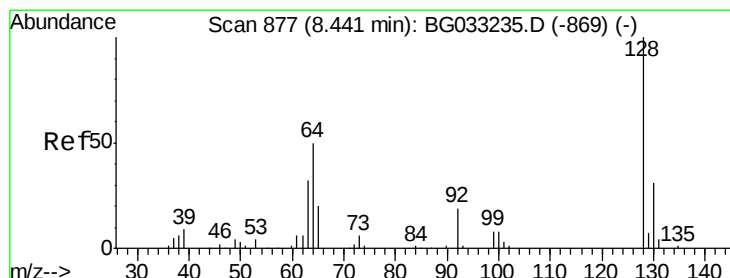
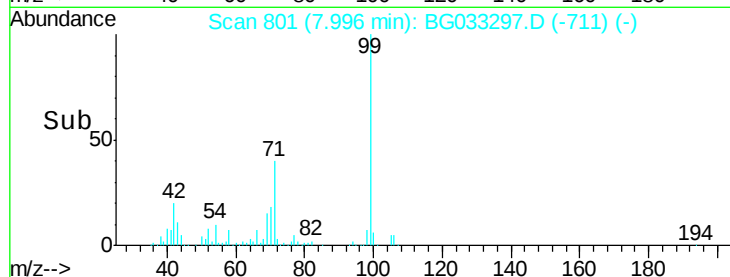
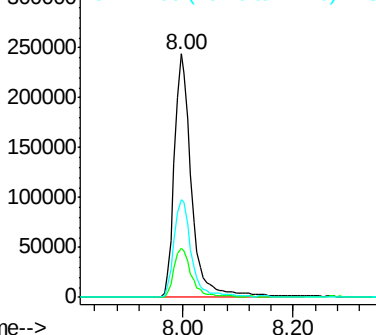
99 100

42 20.0 14.1 21.1

71 40.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 56.132 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

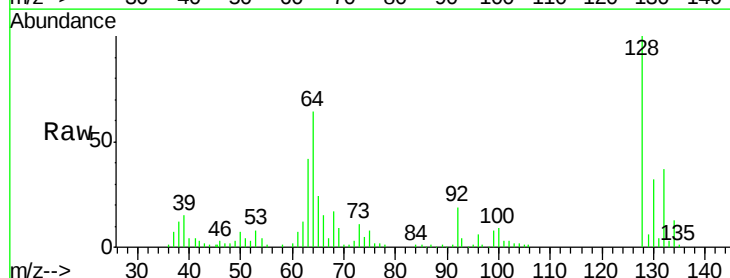
Tgt Ion:128 Resp: 139233

Ion Ratio Lower Upper

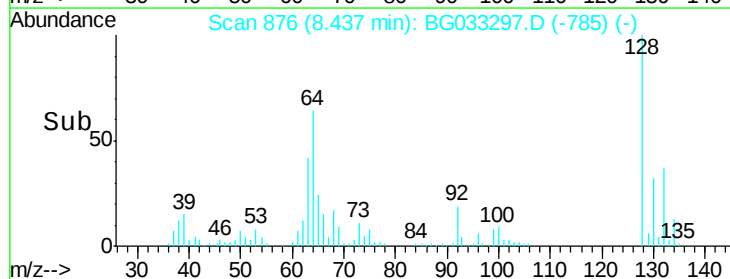
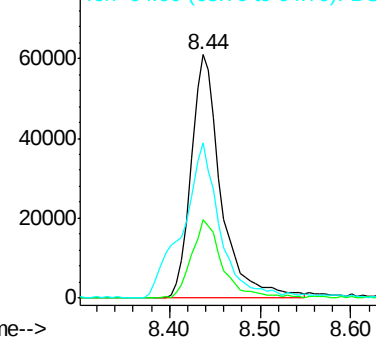
128 100

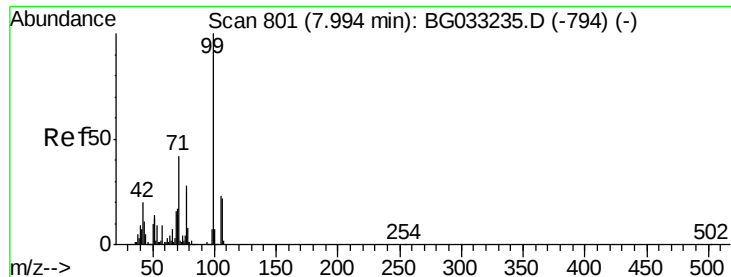
130 32.3 14.0 54.0

64 64.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.422 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

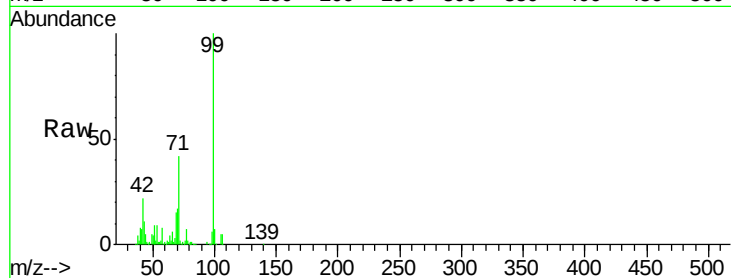
Tot Ion: 77 Resp: 38907

Ion Ratio Lower Upper

77 100

105 81.3 71.3 111.3

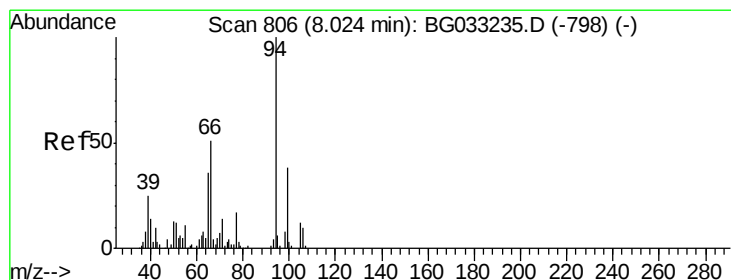
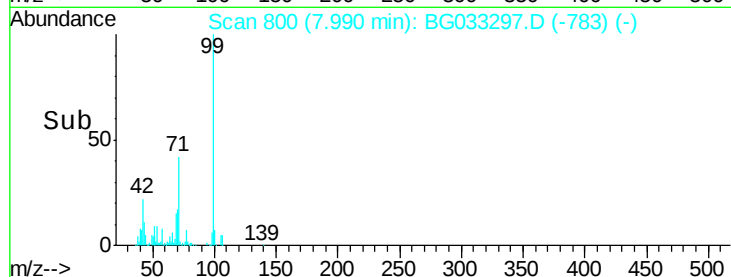
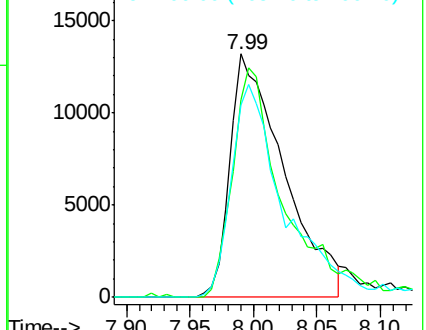
106 79.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 50.640 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

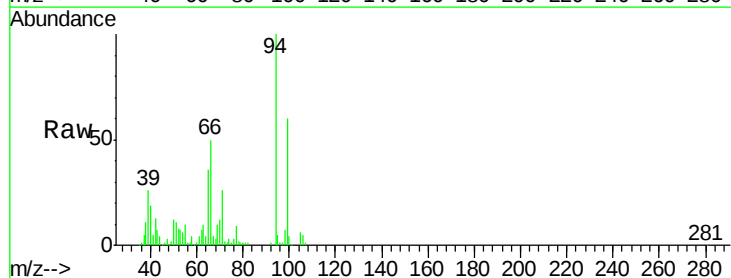
Tgt Ion: 94 Resp: 186391

Ion Ratio Lower Upper

94 100

65 35.9 11.9 51.9

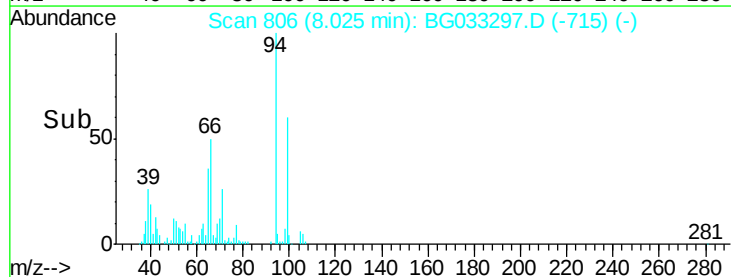
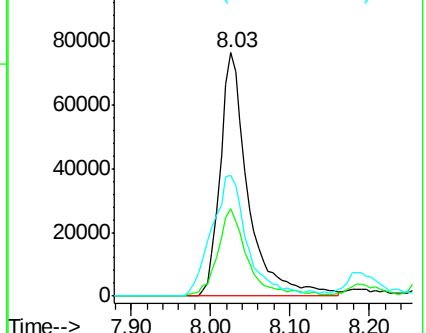
66 49.5 22.2 62.2

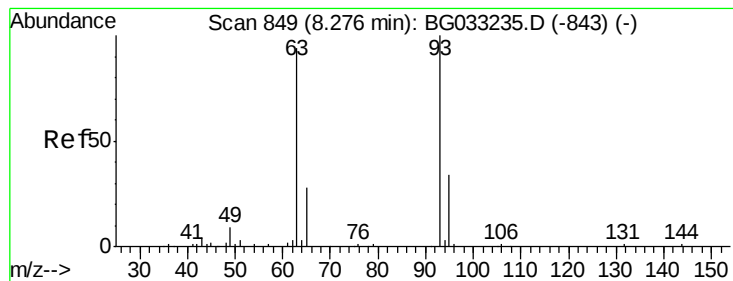


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

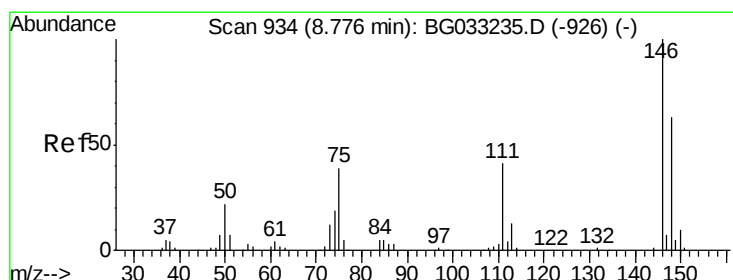
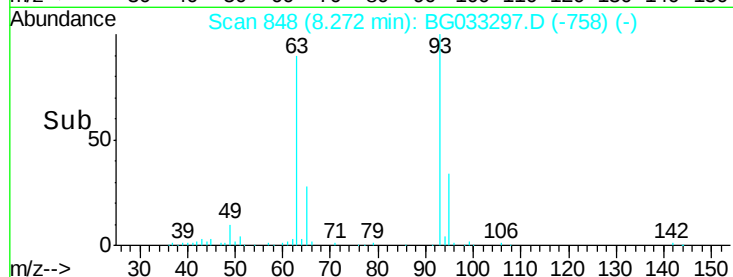
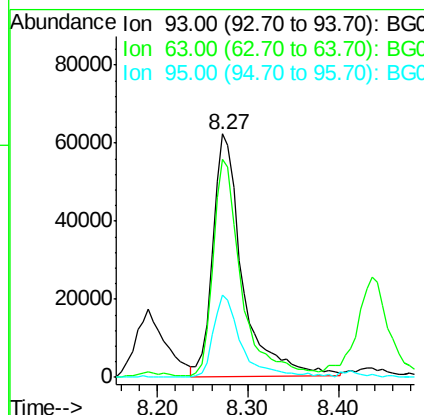
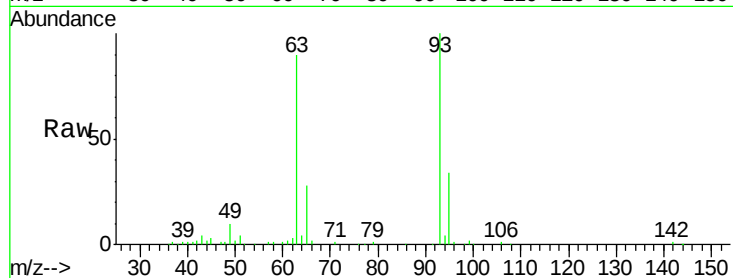




#11
 bis(2-Chloroethyl)ether
 Concen: 46.622 ng
 RT: 8.27 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

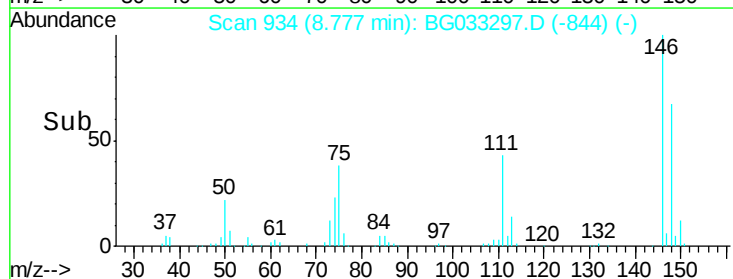
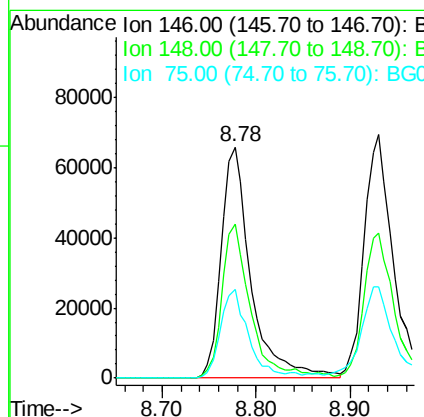
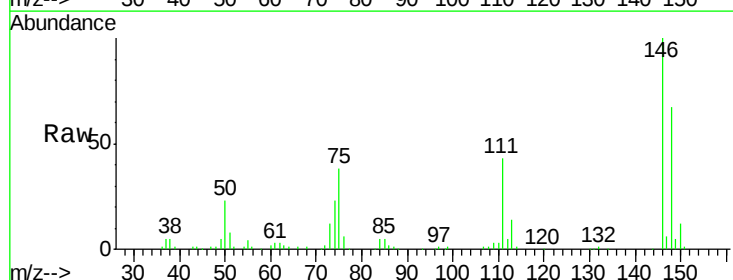
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 140067
 Ion Ratio Lower Upper
 93 100
 63 89.7 67.1 107.1
 95 33.9 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 45.034 ng
 RT: 8.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion: 146 Resp: 146044
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.4 77.2
 75 38.3 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 48.502 ng

RT: 8.93 min Scan# 960

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampled :

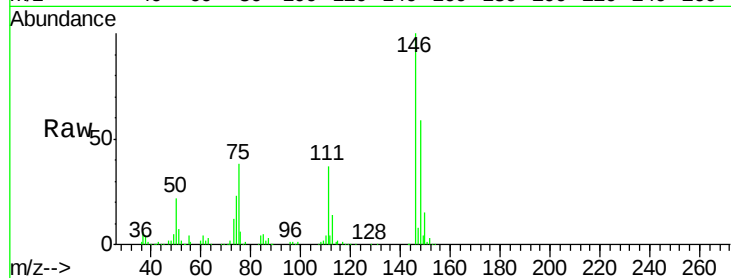
Tot Ion:146 Resp: 157523

Ion Ratio Lower Upper

146 100

148 59.3 53.7 80.5

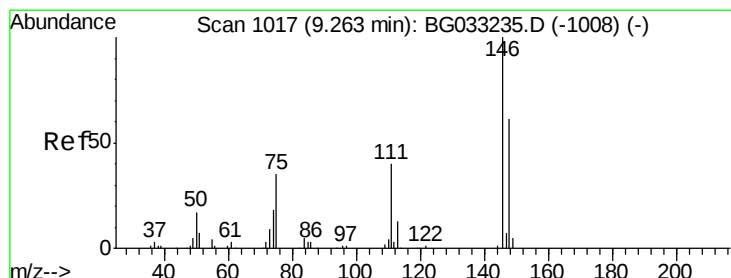
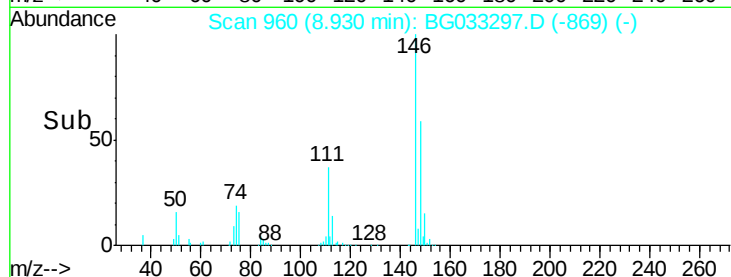
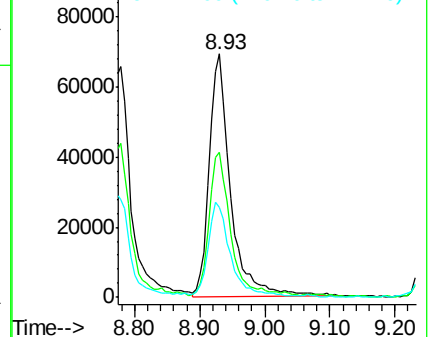
111 37.1 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.321 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

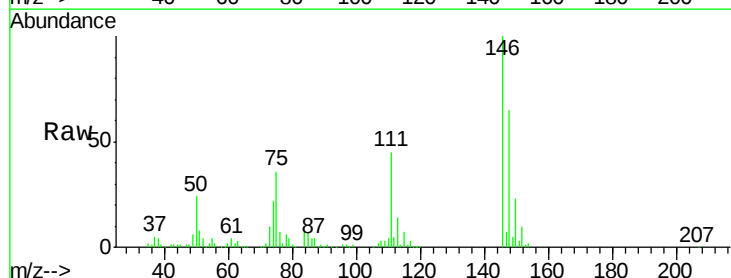
Tgt Ion:146 Resp: 146829

Ion Ratio Lower Upper

146 100

148 64.9 49.3 73.9

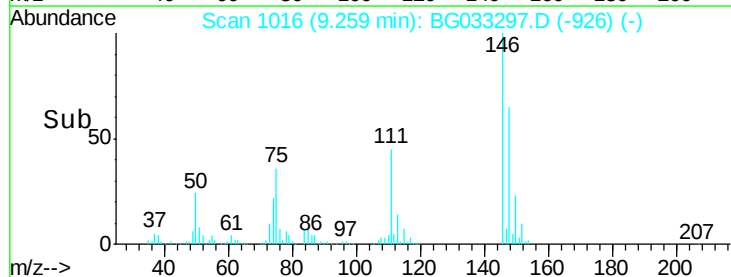
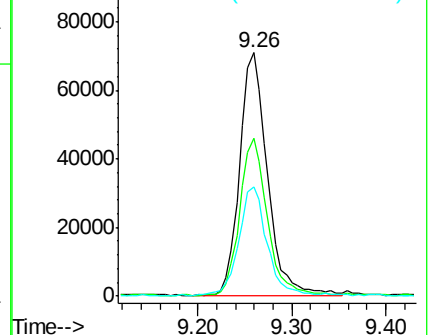
111 44.8 34.3 51.5

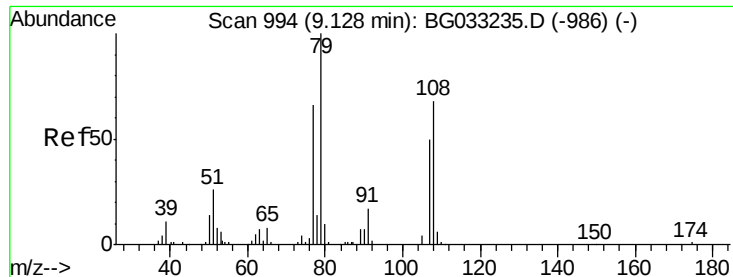


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.476 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampled :

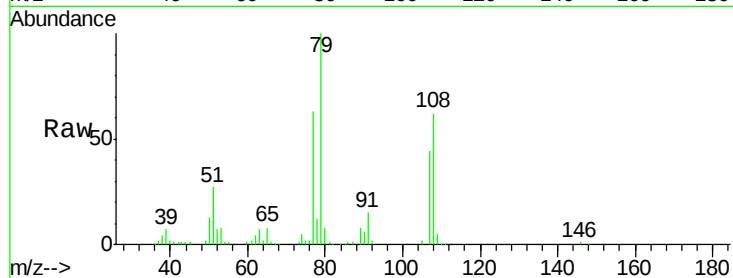
Tot Ion: 79 Resp: 162835

Ion Ratio Lower Upper

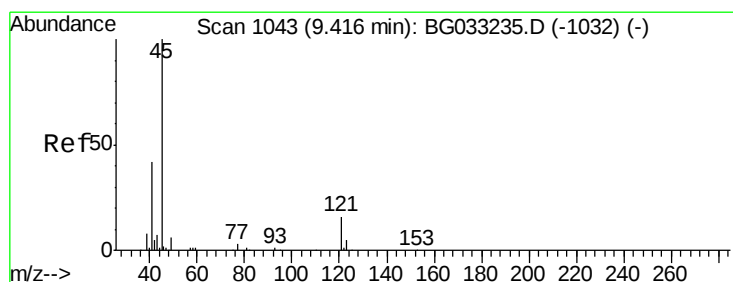
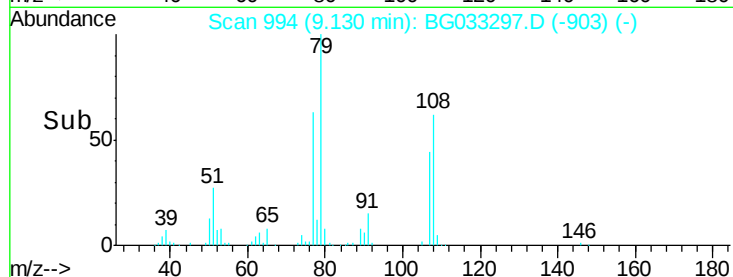
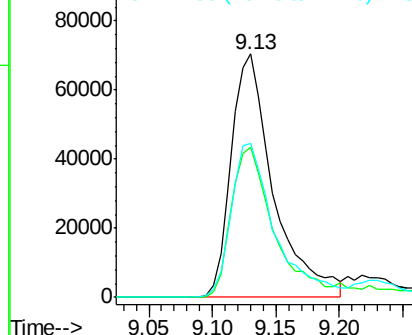
79 100

108 61.9 57.2 85.8

77 63.1 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.080 ng

RT: 9.41 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

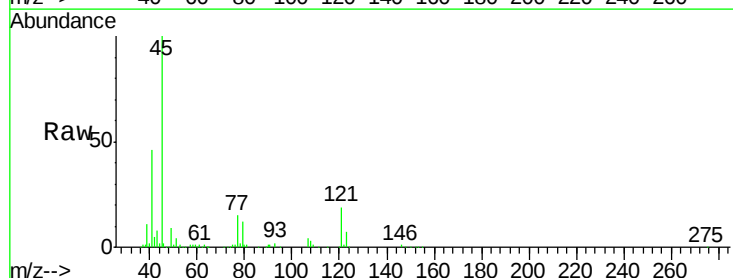
Tgt Ion: 45 Resp: 230581

Ion Ratio Lower Upper

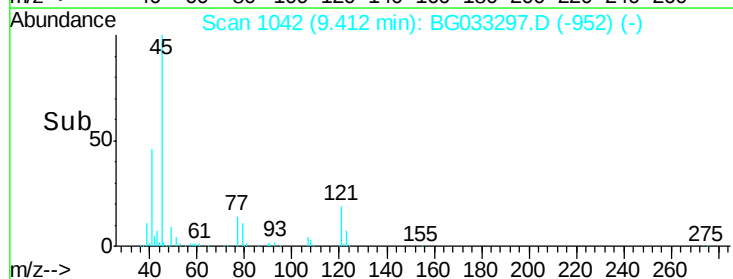
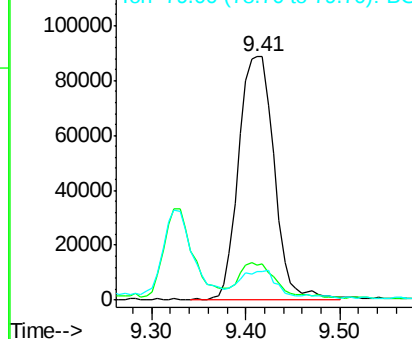
45 100

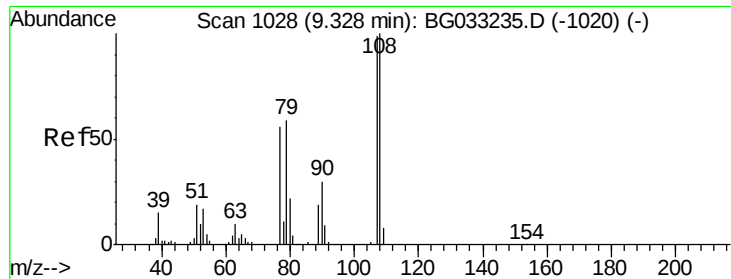
77 14.6 0.0 30.2

79 11.8 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

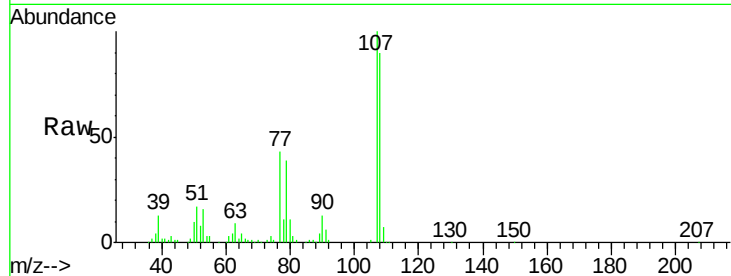




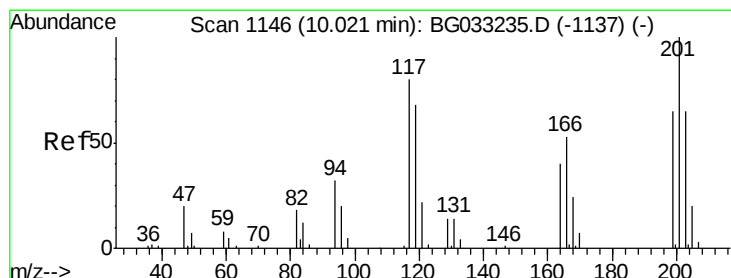
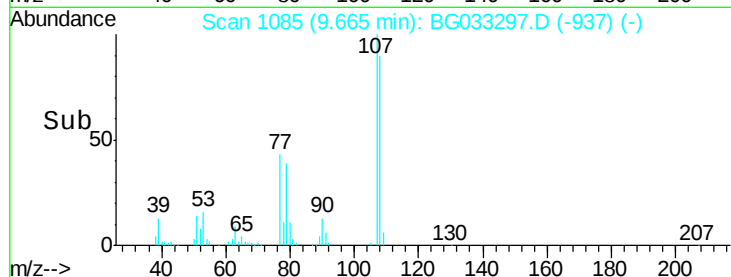
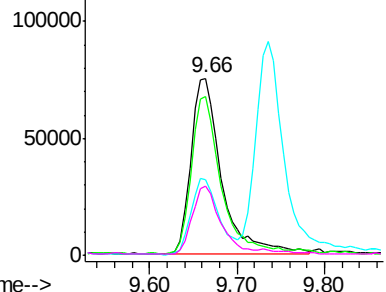
#17
2-Methylphenol
Concen: 73.083 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.34 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	89.9	83.9	125.9
77	42.6	37.2	55.8
79	39.0	36.2	54.2

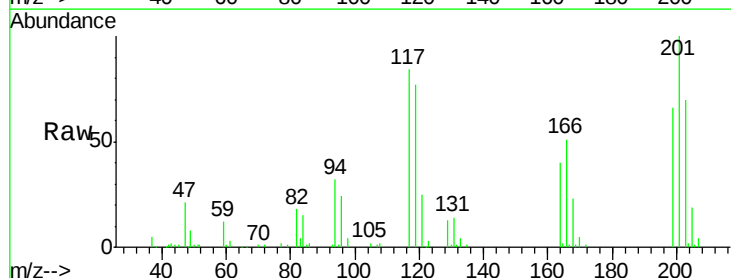


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

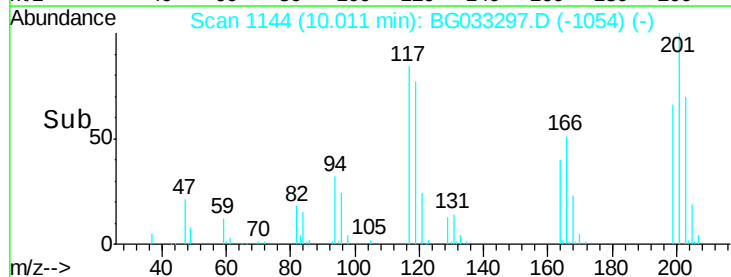
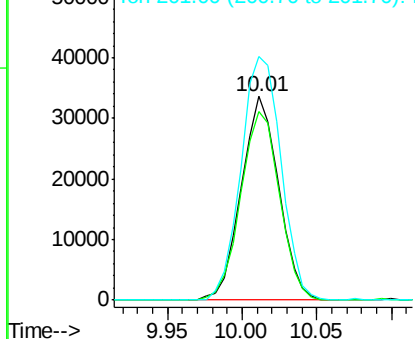


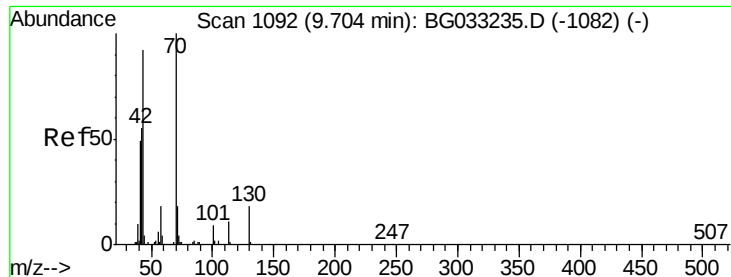
#18
Hexachloroethane
Concen: 46.385 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.7	115.1
201	119.5	95.7	143.5



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

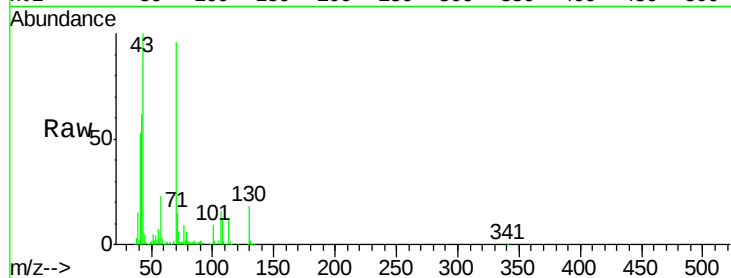




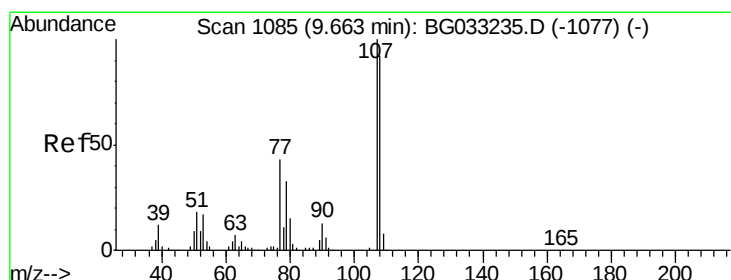
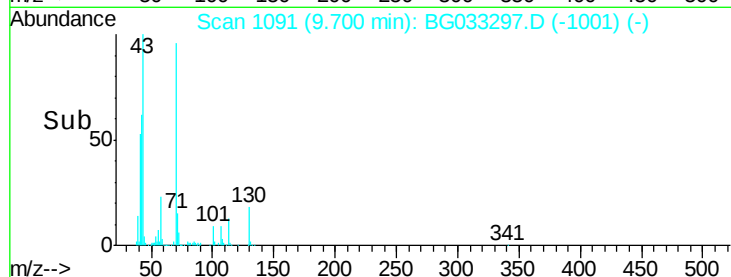
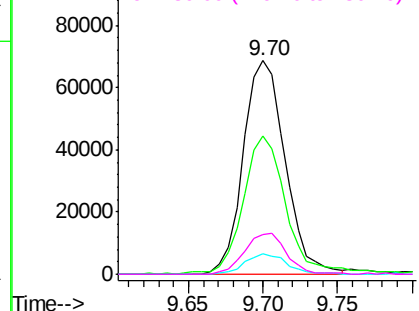
#19
 n-Nitroso-di-n-propylamine
 Concen: 48.656 ng
 RT: 9.70 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	70	Resp:	132917
Ion	Ratio	Lower	Upper
70	100		
42	64.6	49.1	73.7
101	9.8	8.5	12.7
130	18.6	13.4	20.0

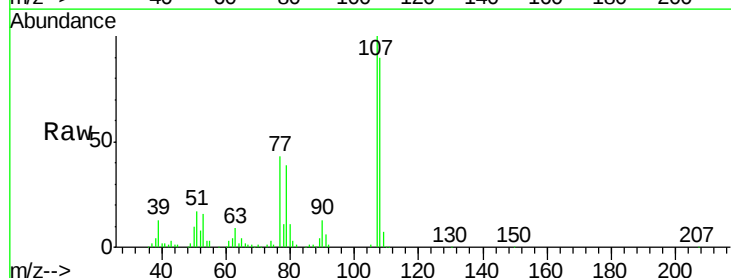


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

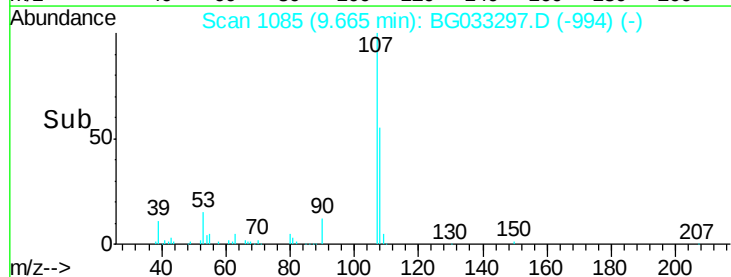
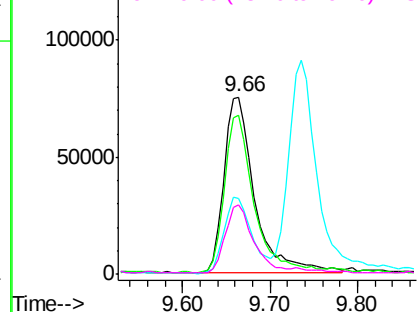


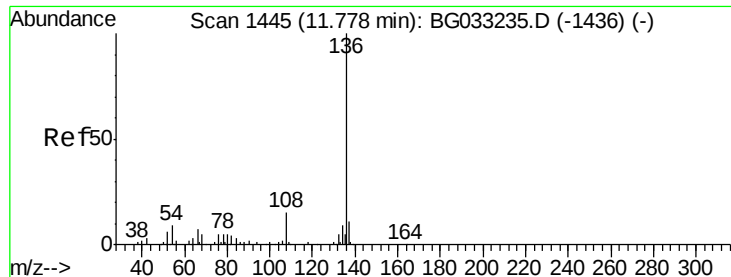
#20
 3+4-Methylphenols
 Concen: 51.329 ng
 RT: 9.66 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion:	107	Resp:	183249
Ion	Ratio	Lower	Upper
107	100		
108	89.9	61.6	101.6
77	42.6	13.9	53.9
79	39.0	8.8	48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 178082

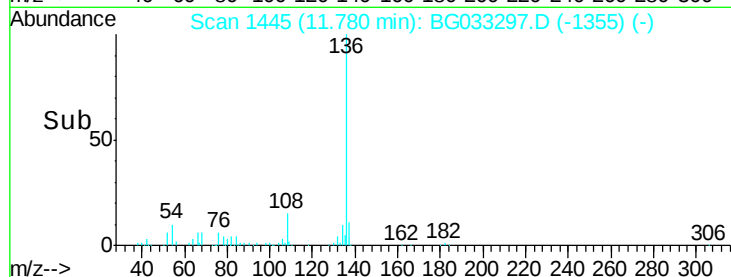
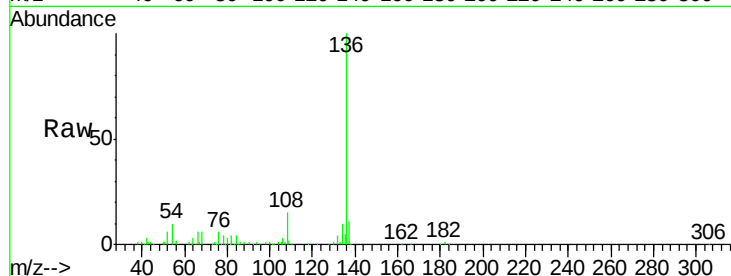
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 10.3 10.3 15.5#

68 5.6 4.5 6.7



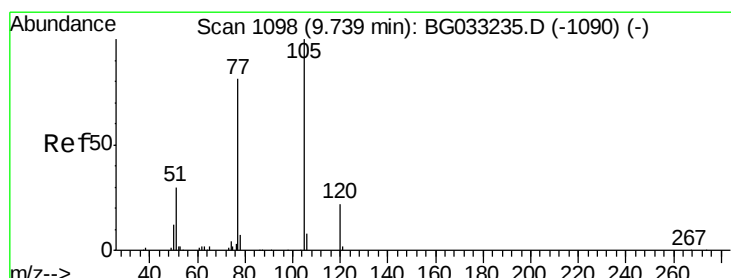
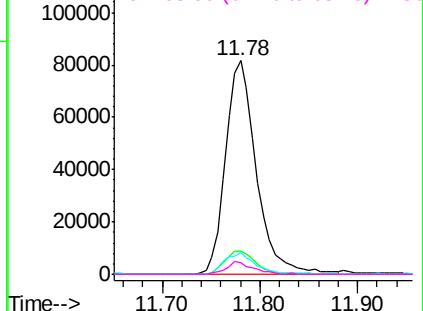
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 48.626 ng

RT: 9.74 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Tgt Ion:105 Resp: 237237

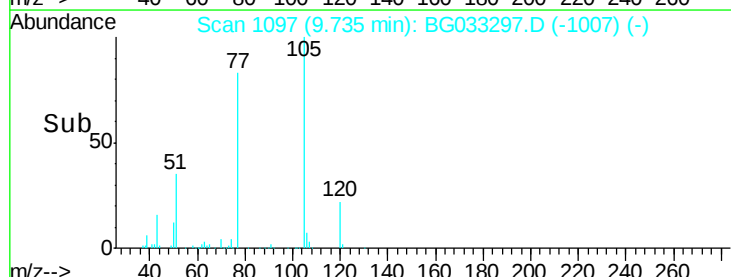
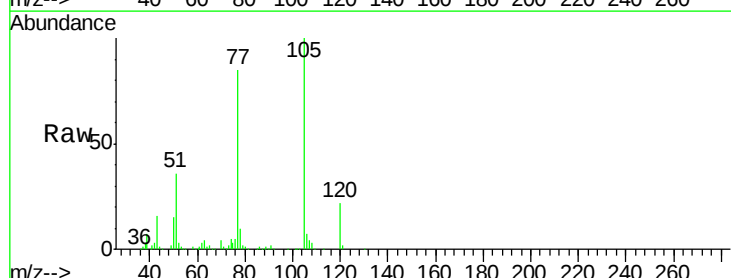
Ion Ratio Lower Upper

105 100

71 0.6 3.0 4.4#

51 36.5 26.1 39.1

120 21.5 17.4 26.2



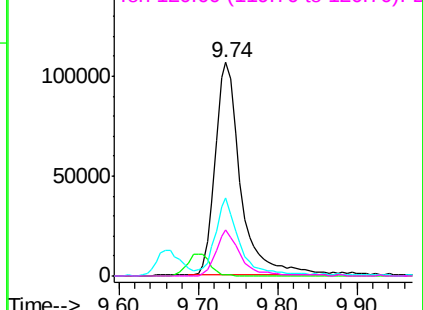
Abundance

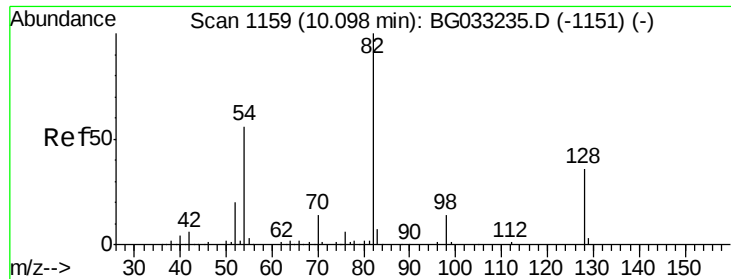
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 97.331 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

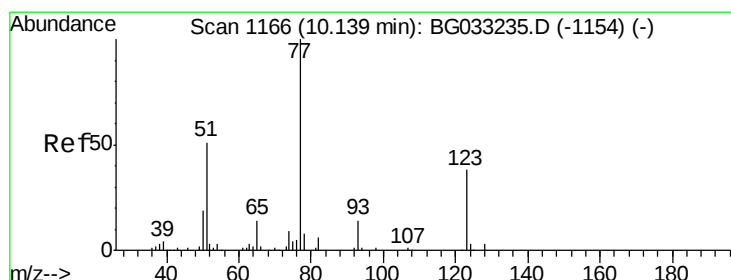
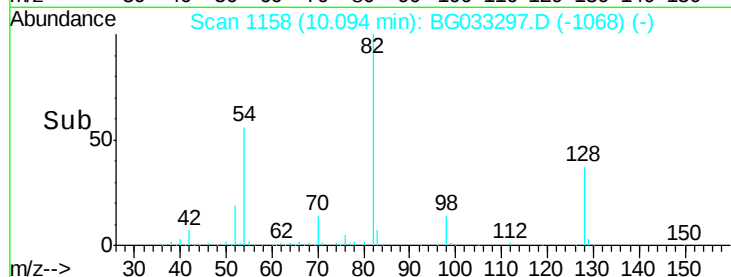
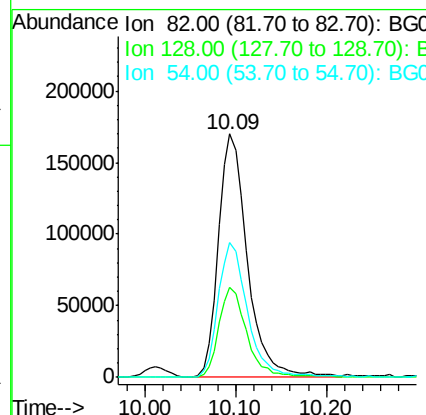
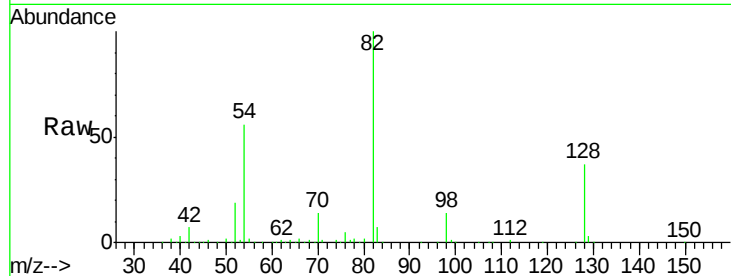
Tot Ion: 82 Resp: 377259

Ion Ratio Lower Upper

82 100

128 37.0 29.7 44.5

54 55.6 43.1 64.7



#24

Nitrobenzene

Concen: 49.882 ng

RT: 10.13 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

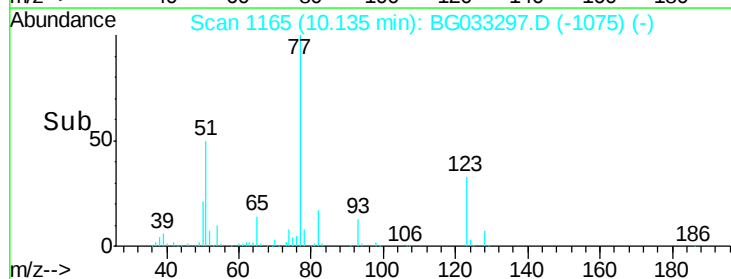
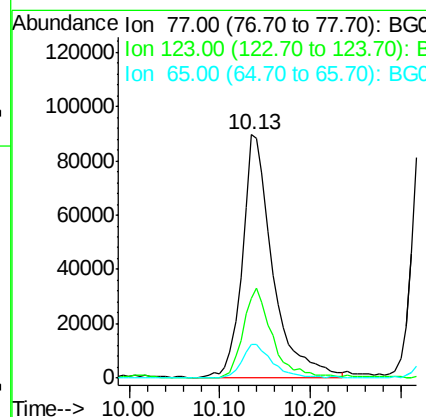
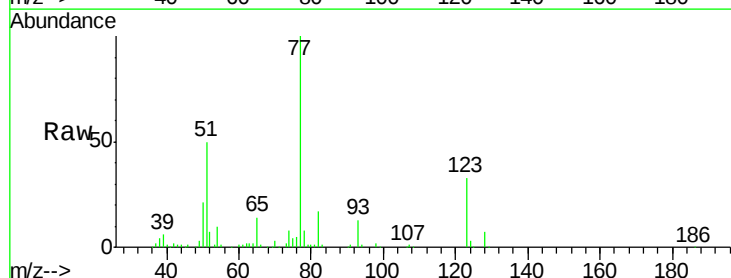
Tgt Ion: 77 Resp: 206952

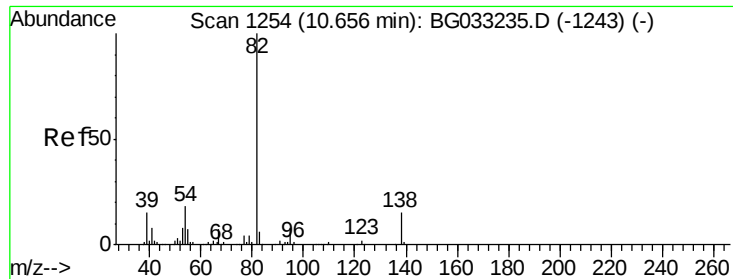
Ion Ratio Lower Upper

77 100

123 33.0 33.0 49.6#

65 13.9 13.0 19.6





#25

Isophorone

Concen: 53.217 ng

RT: 10.65 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

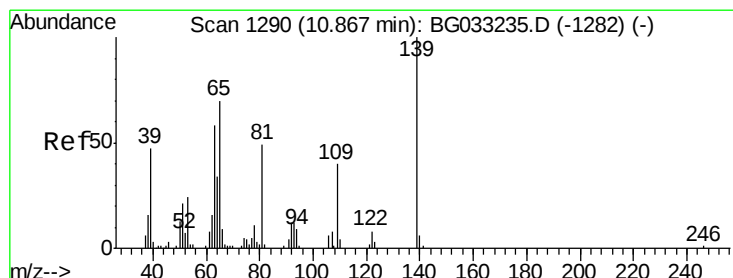
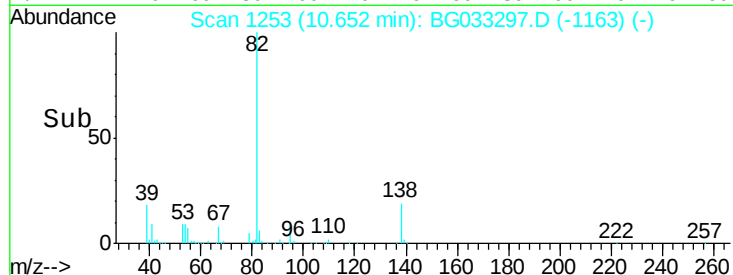
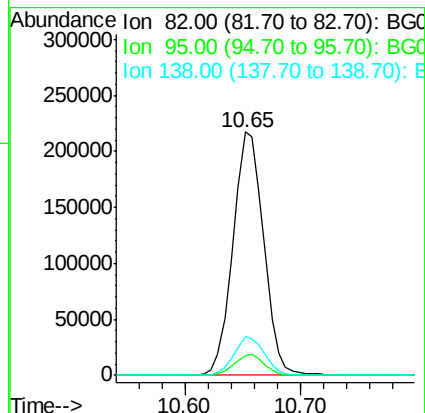
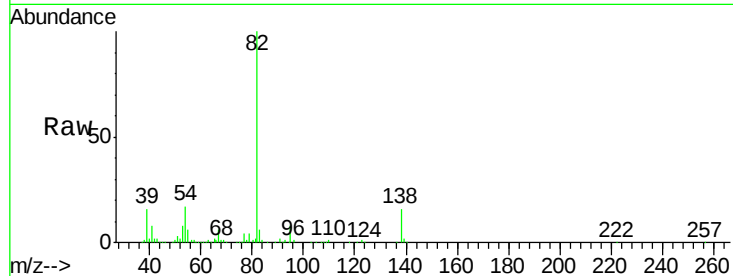
Tot Ion: 82 Resp: 400347

Ion Ratio Lower Upper

82 100

95 8.3 6.2 9.2

138 16.0 12.1 18.1



#26

2-Nitrophenol

Concen: 54.051 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

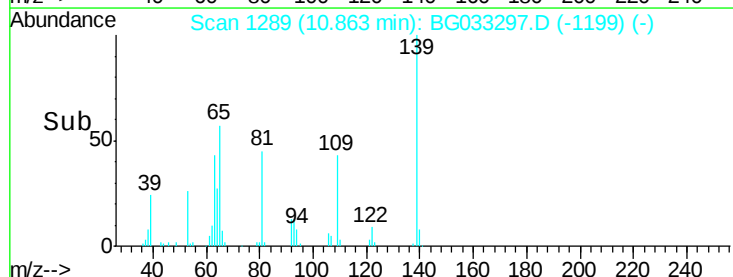
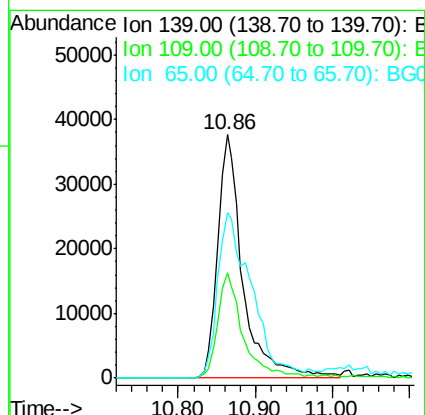
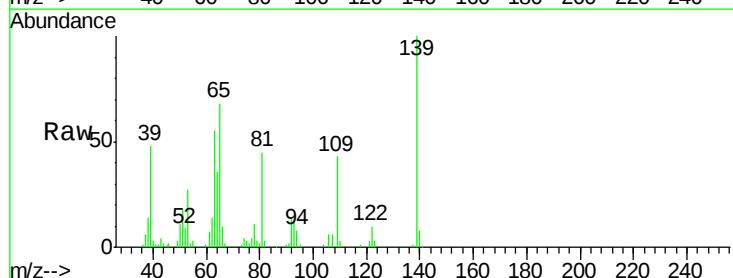
Tgt Ion: 139 Resp: 84898

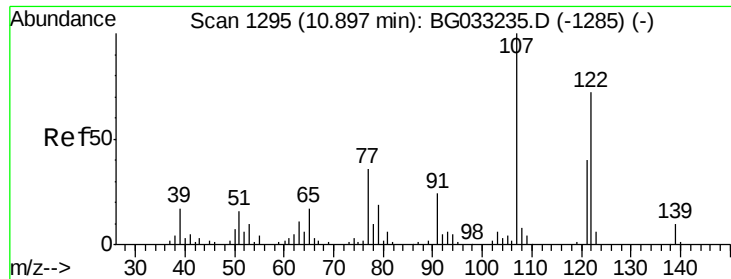
Ion Ratio Lower Upper

139 100

109 43.4 24.2 36.2#

65 68.2 47.4 71.0

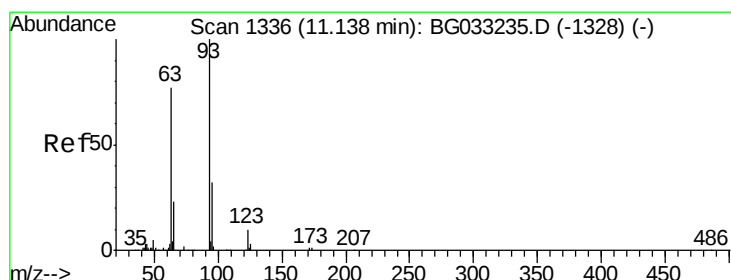
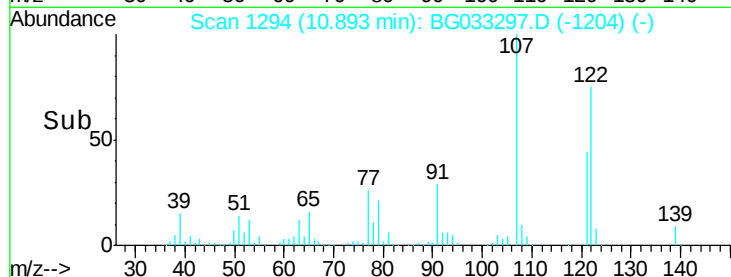
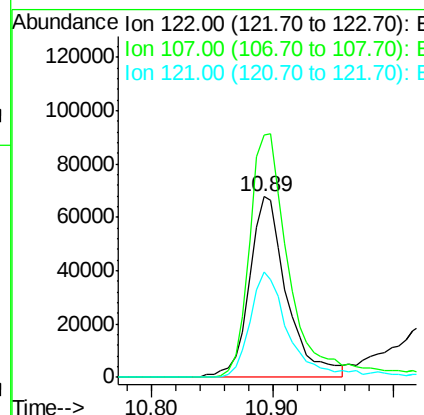
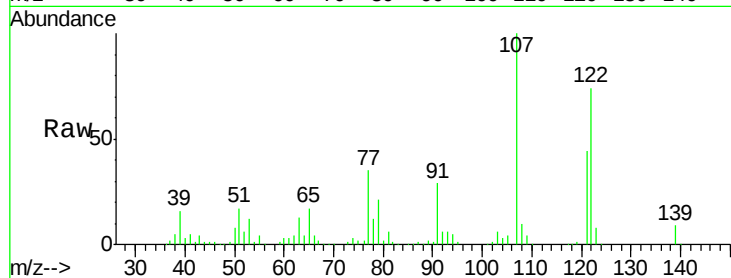




#27
2,4-Dimethylphenol
Concen: 64.297 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

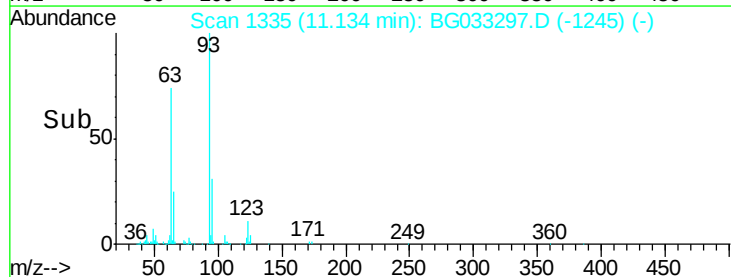
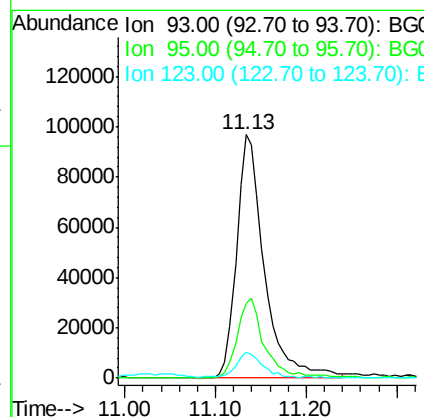
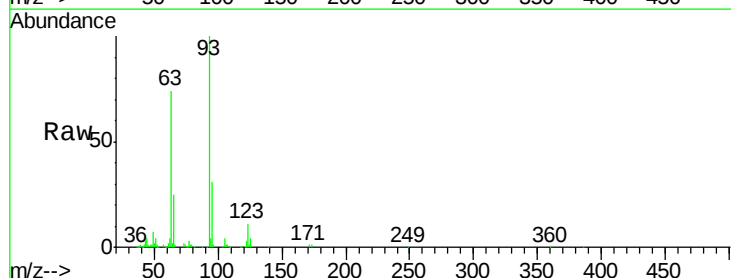
Instrument :
BNA_G
ClientSampled :

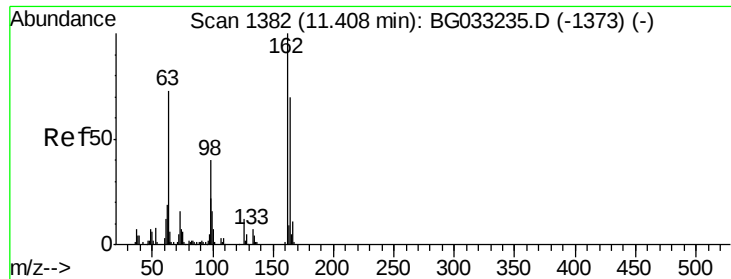
Tot Ion:122 Resp: 146711
Ion Ratio Lower Upper
122 100
107 134.5 100.2 150.2
121 58.6 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 54.925 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion: 93 Resp: 206162
Ion Ratio Lower Upper
93 100
95 30.8 24.3 36.5
123 10.7 8.4 12.6

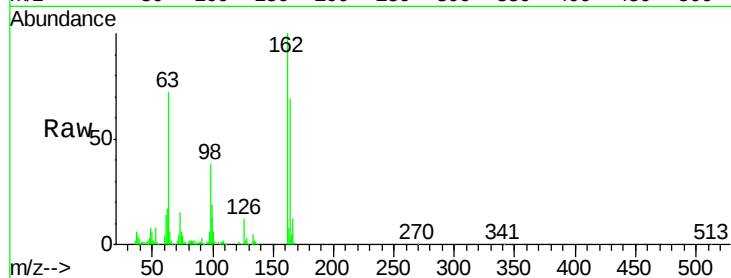




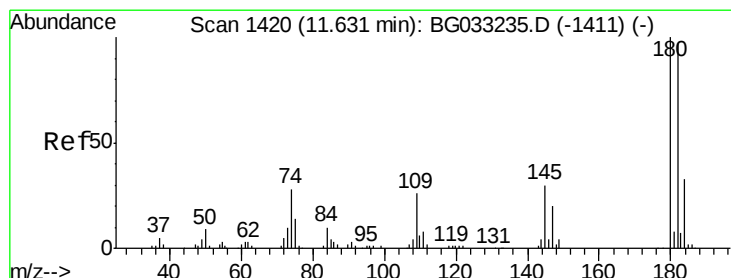
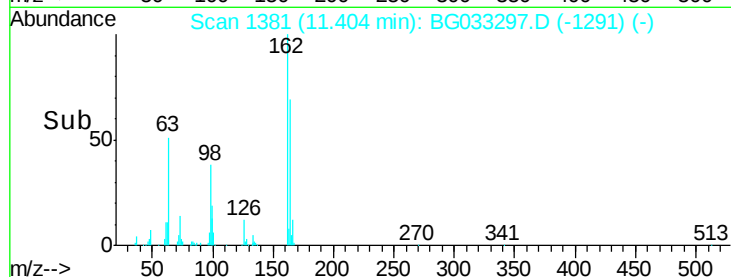
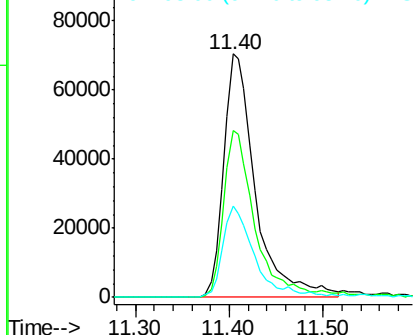
#29
 2,4-Dichlorophenol
 Concen: 58.748 ng
 RT: 11.40 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.8	48.0	88.0
98	37.5	21.1	61.1

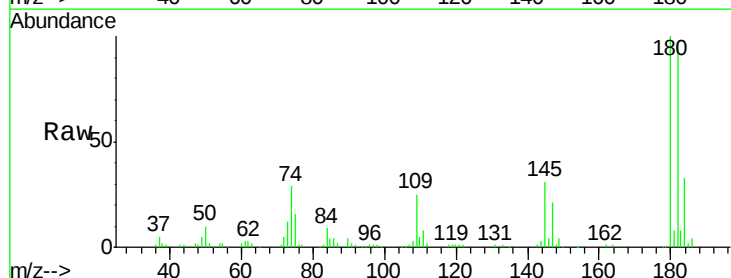


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

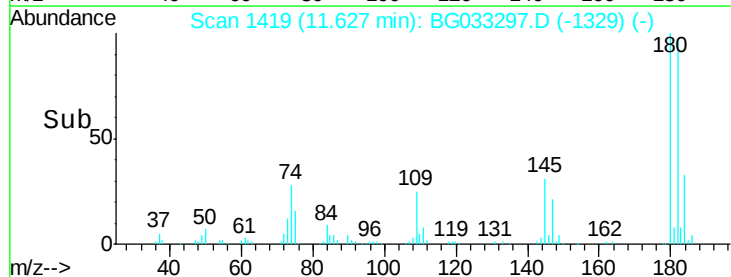
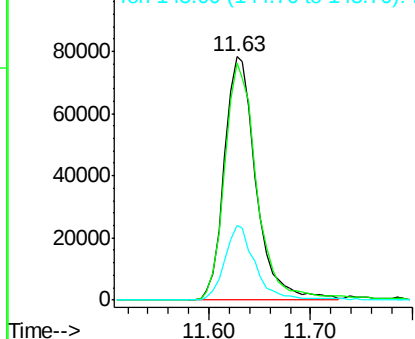


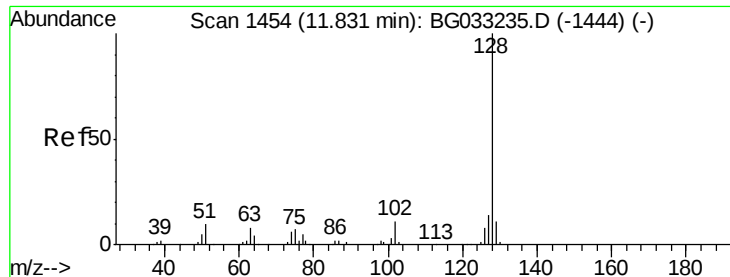
#30
 1,2,4-Trichlorobenzene
 Concen: 46.652 ng
 RT: 11.63 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.5	116.3
145	30.7	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

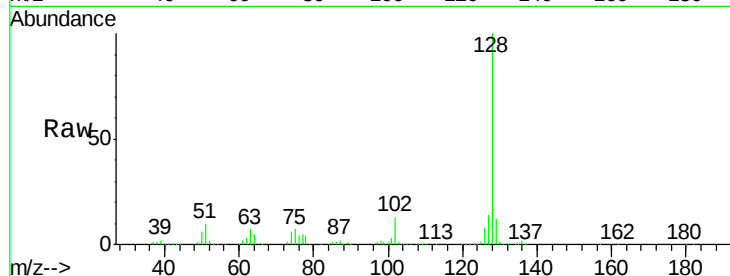




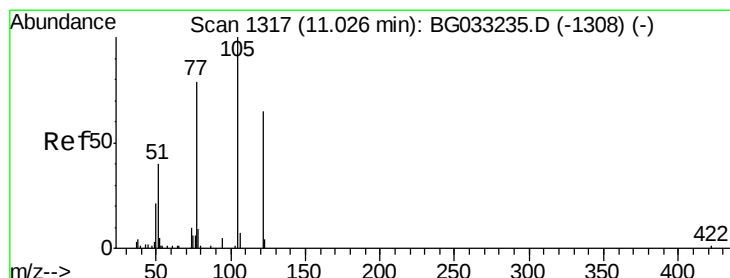
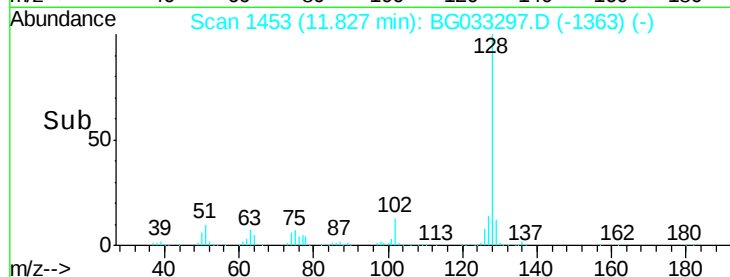
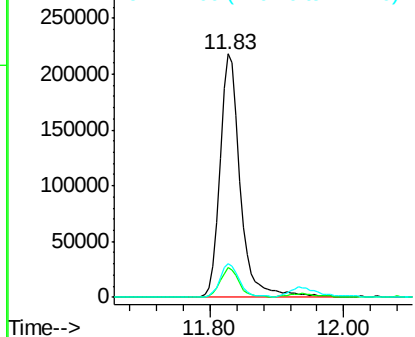
#31
Naphthalene
Concen: 50.704 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 467908
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 13.8 11.6 17.4

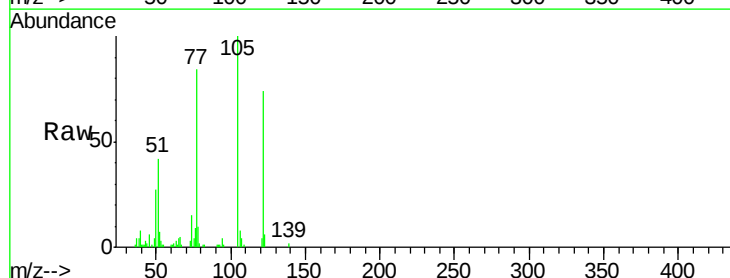


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

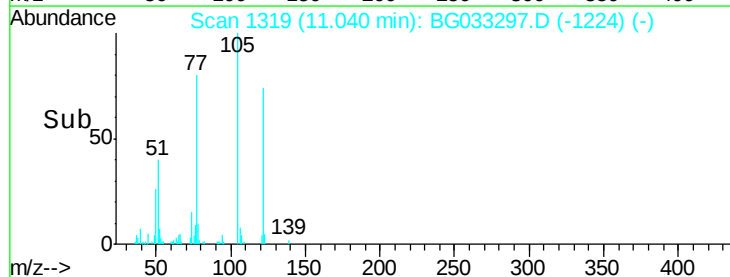
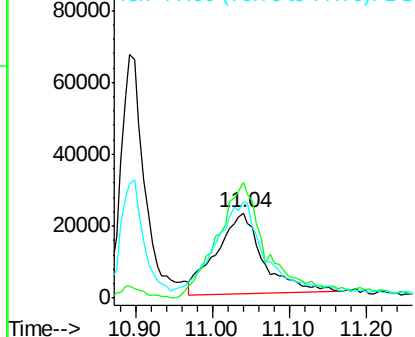


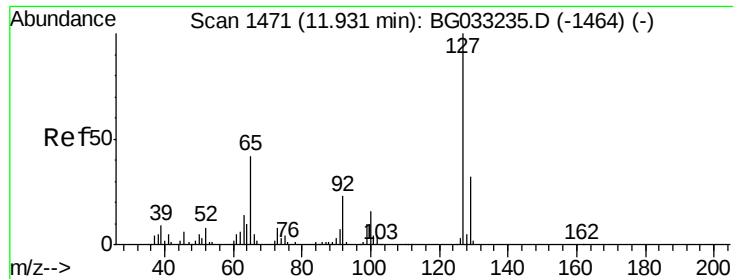
#32
Benzoic acid
Concen: 45.581 ng
RT: 11.04 min Scan# 1319
Delta R.T. 0.03 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:122 Resp: 96685
Ion Ratio Lower Upper
122 100
105 135.6 123.5 163.5
77 113.6 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

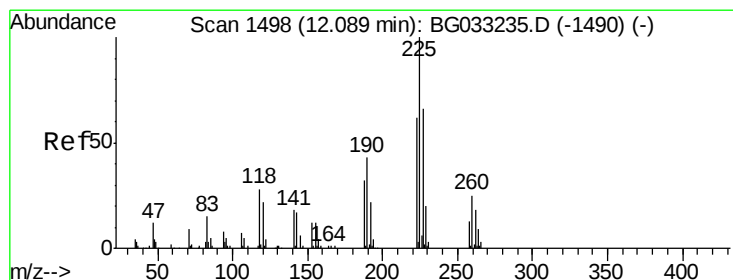
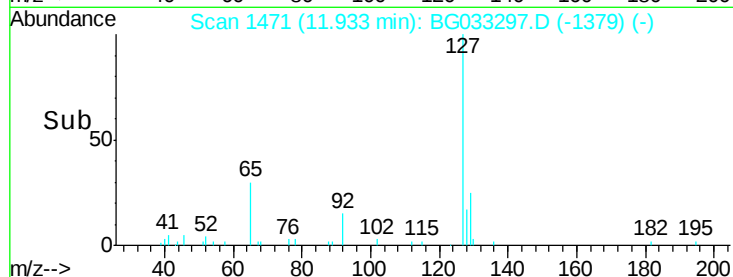
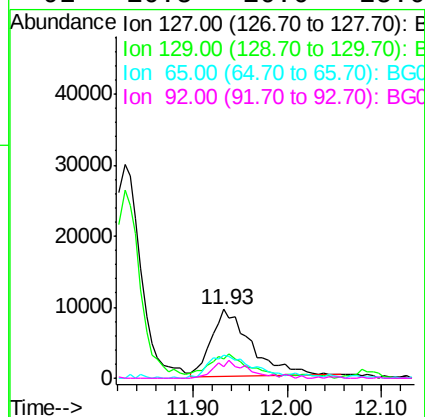
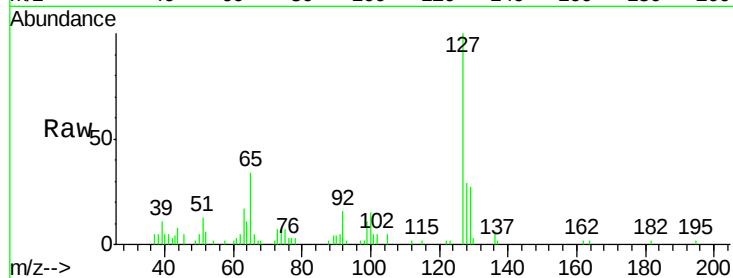




#33
4-Chloroaniline
Concen: 6.811 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

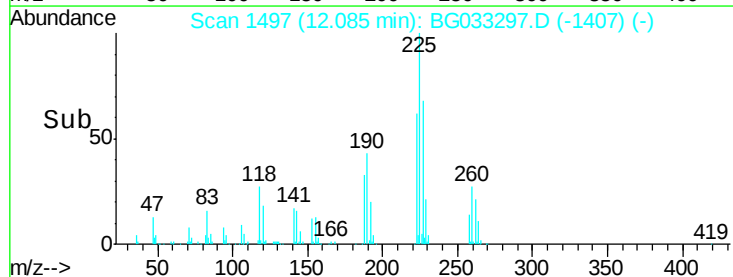
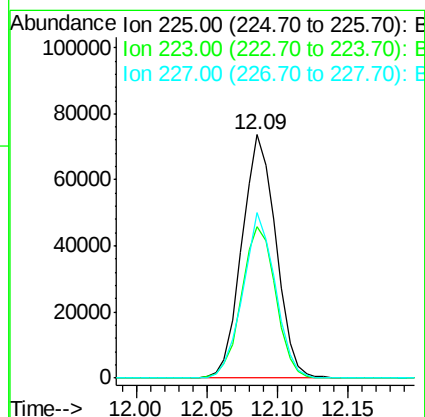
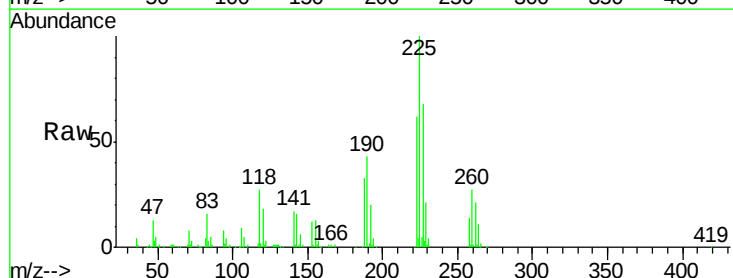
Instrument :
BNA_G
ClientSampleId :

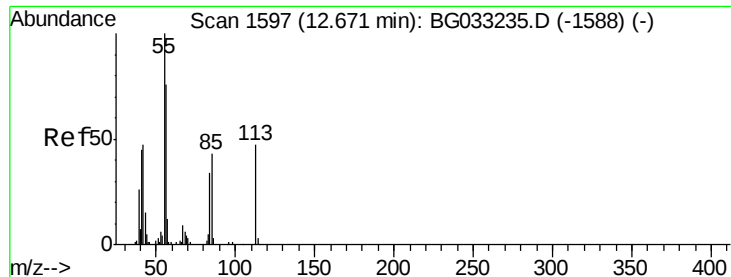
Tot Ion	Ratio	Lower	Upper
127	100		
129	27.2	24.0	36.0
65	34.5	27.0	40.4
92	16.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 45.150 ng
RT: 12.09 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	67.9	48.1	72.1





#35

Caprolactam

Concen: 43.910 ng

RT: 12.68 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

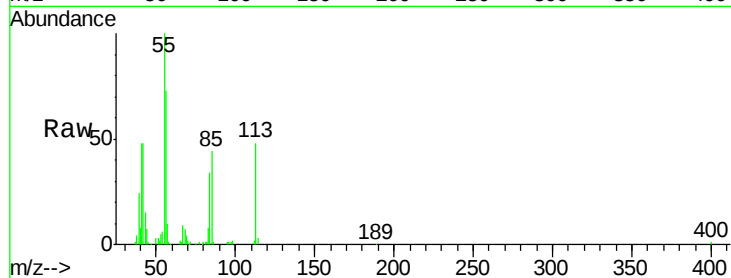
Tot Ion:113 Resp: 48272

Ion Ratio Lower Upper

113 100

55 208.8 186.9 226.9

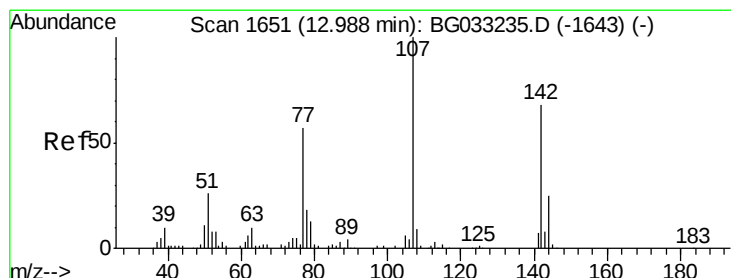
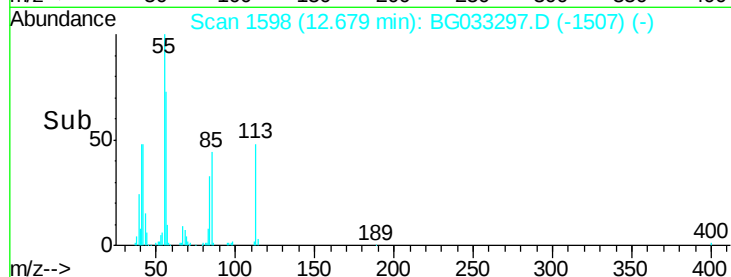
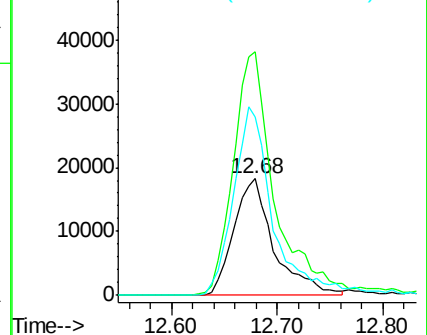
56 153.4 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG033235.D (-1588) (-)

Ion 56.00 (55.70 to 56.70): BG033235.D (-1588) (-)



#36

4-Chloro-3-methylphenol

Concen: 58.201 ng

RT: 12.99 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

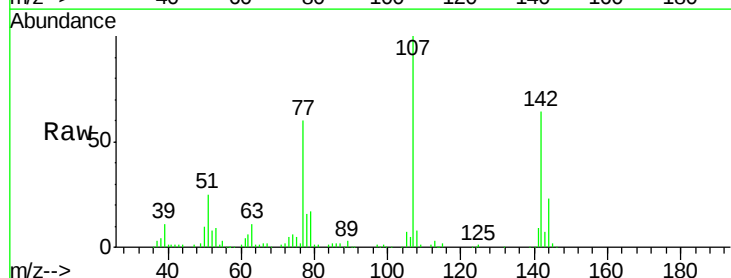
Tgt Ion:107 Resp: 213013

Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.4

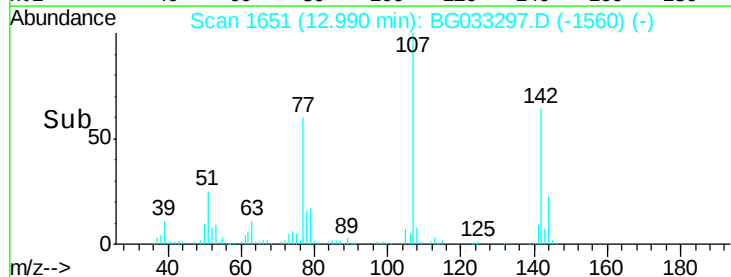
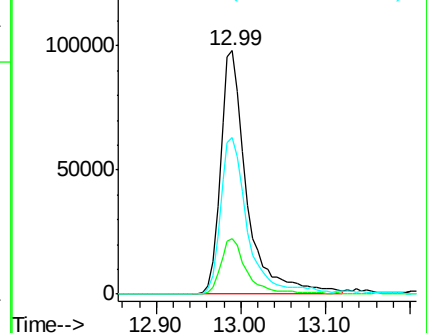
142 64.4 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

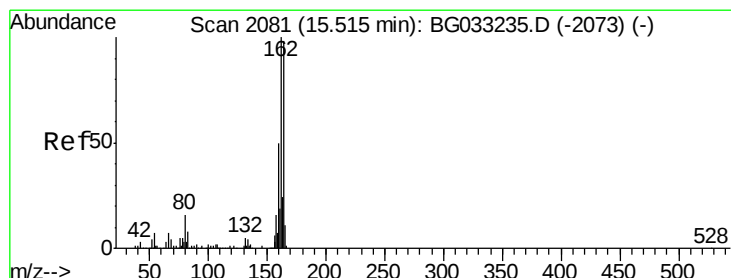
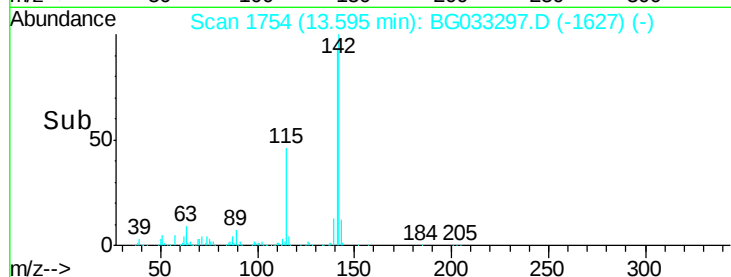
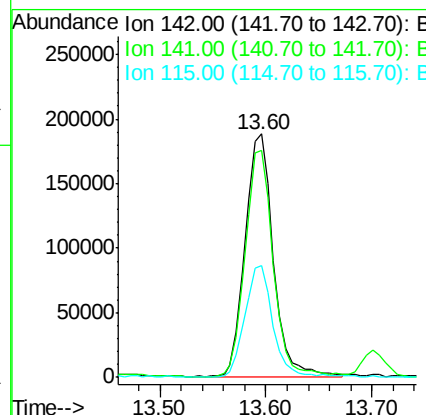
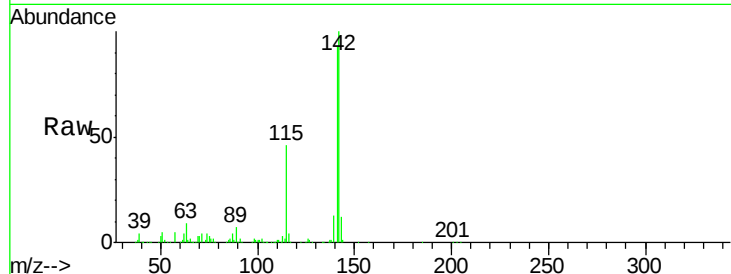




#37
 2-Methylnaphthalene
 Concen: 48.271 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. 0.22 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

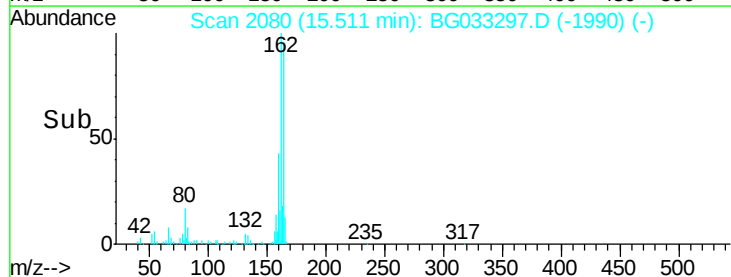
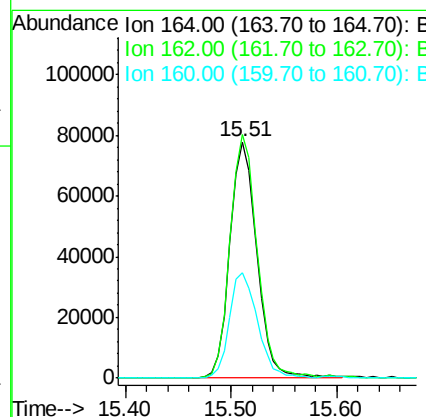
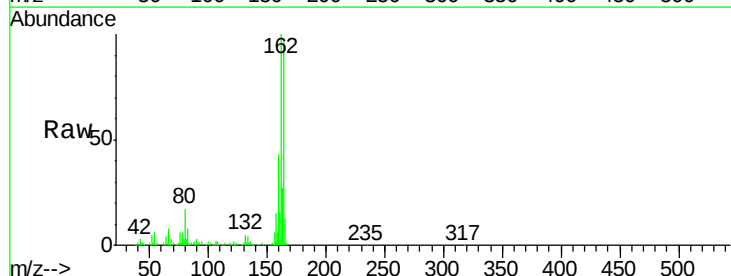
Instrument :
 BNA_G
 ClientSampleId :

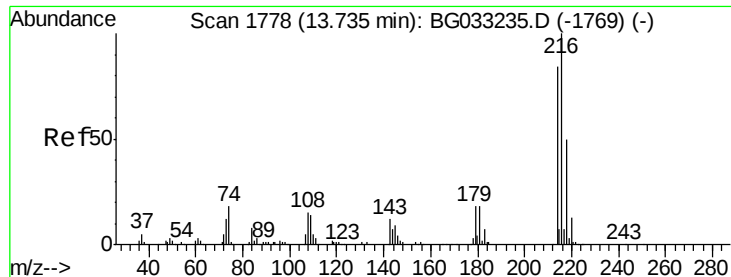
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.3	67.1	100.7
115	46.0	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.707 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 233745

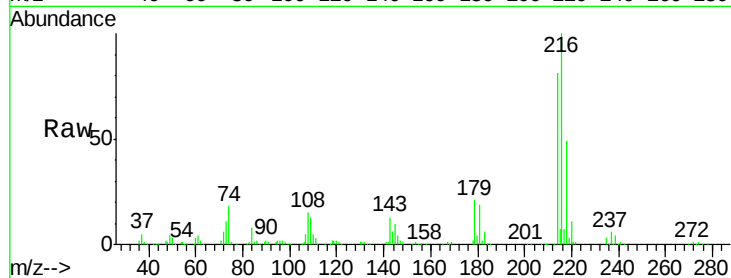
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 19.9 17.0 25.6

108 17.6 12.8 19.2

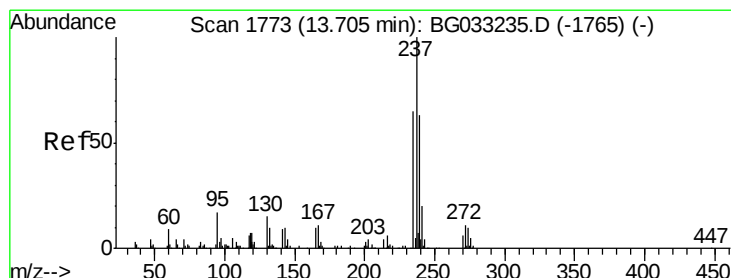
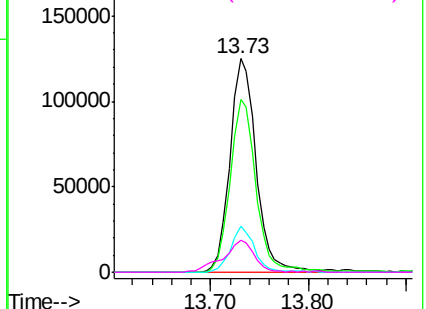
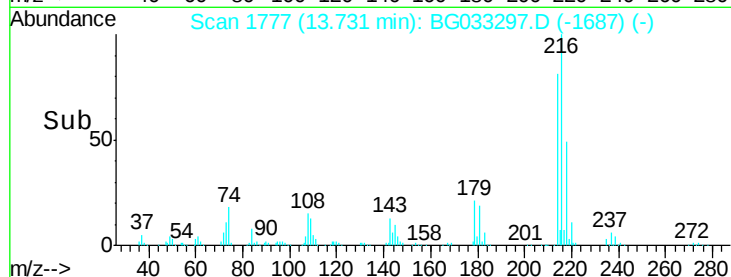


Abundance Ion 216.00 (215.70 to 216.70): E

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: 103.052 ng

RT: 13.70 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

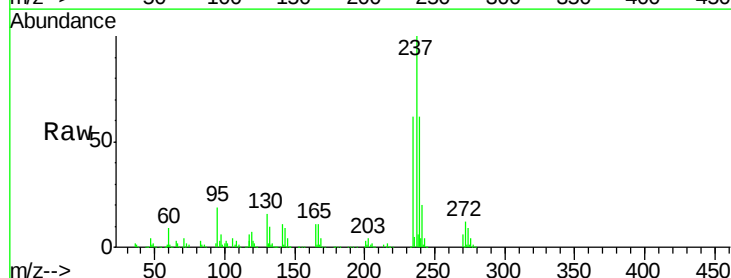
Tgt Ion:237 Resp: 302326

Ion Ratio Lower Upper

237 100

235 61.9 50.4 90.4

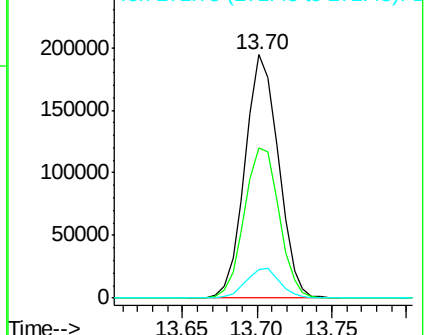
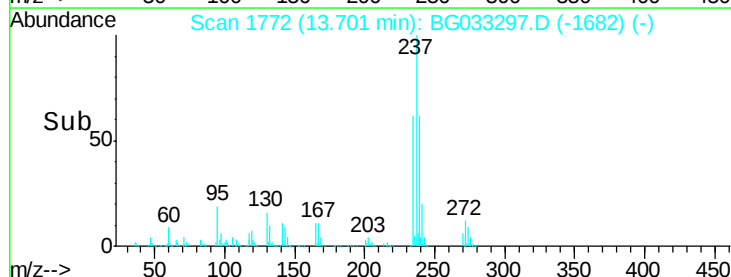
272 11.9 0.0 31.8

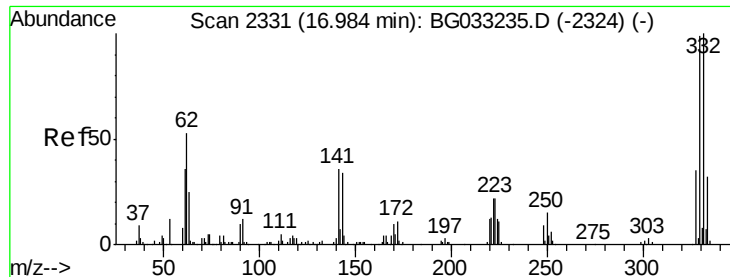


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

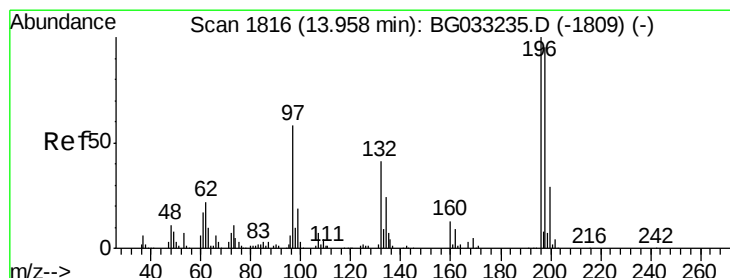
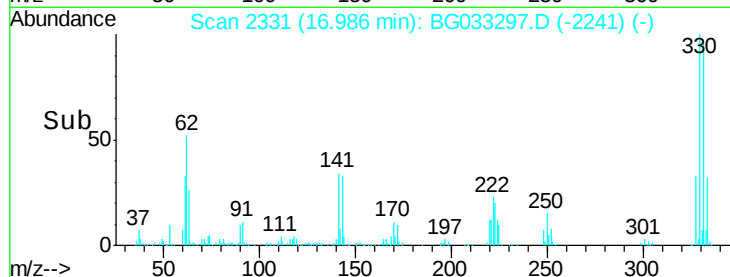
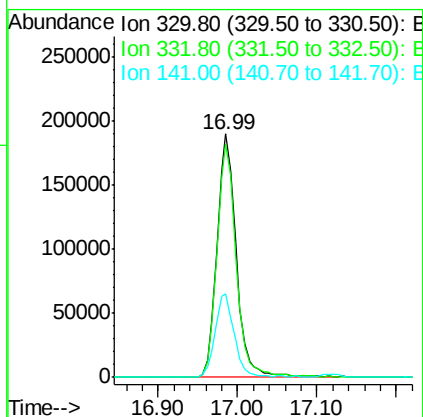
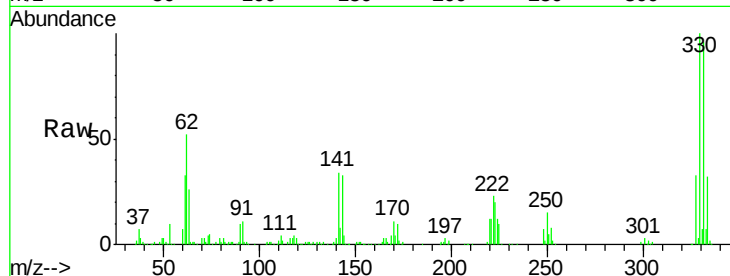




#41
 2,4,6-Tribromophenol
 Concen: 154.871 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

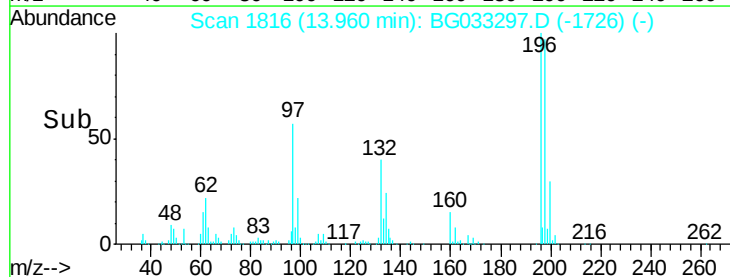
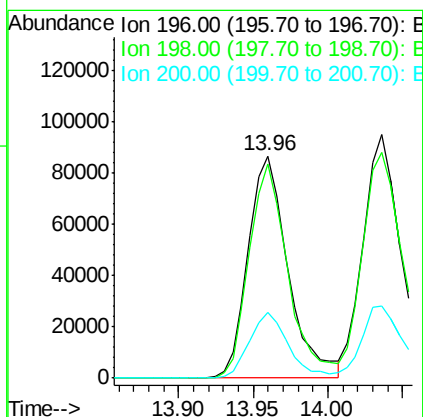
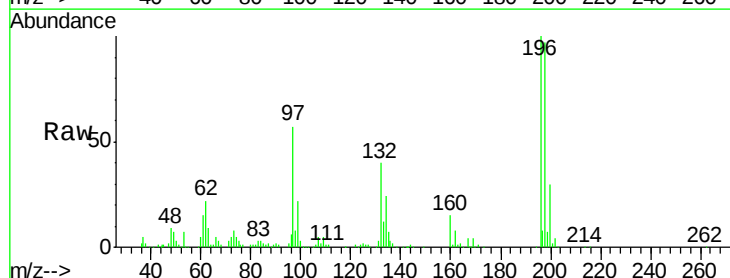
Instrument :
 BNA_G
 ClientSampled :

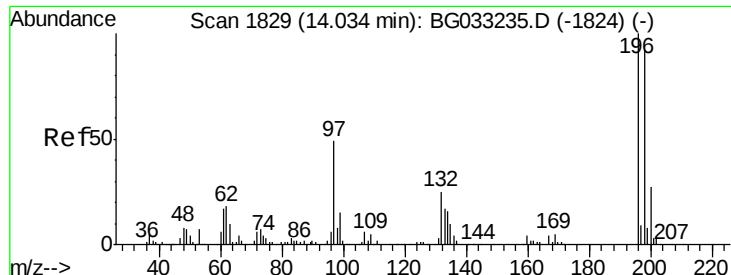
Tot Ion:330 Resp: 320013
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 34.2 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 55.303 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion:196 Resp: 160798
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.2 117.2
 200 29.7 24.6 36.8

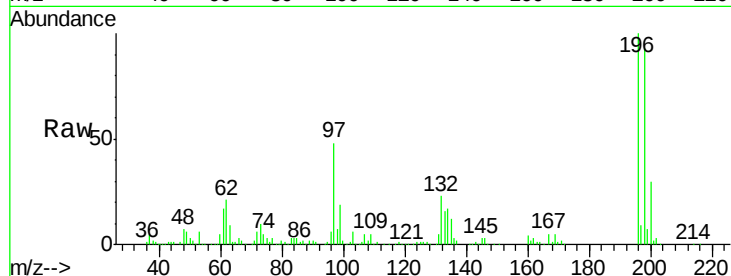




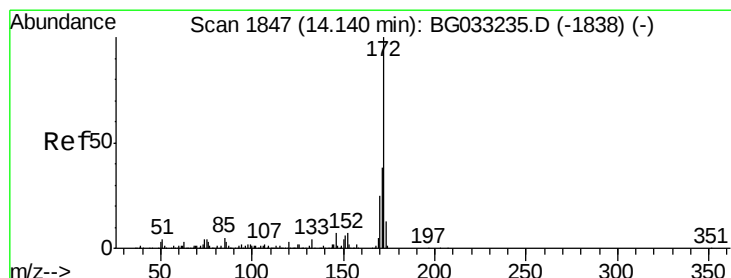
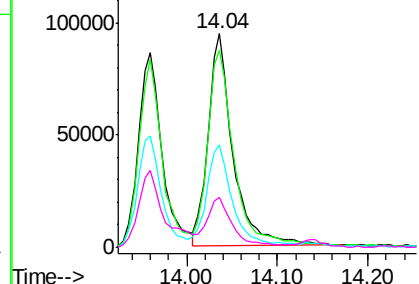
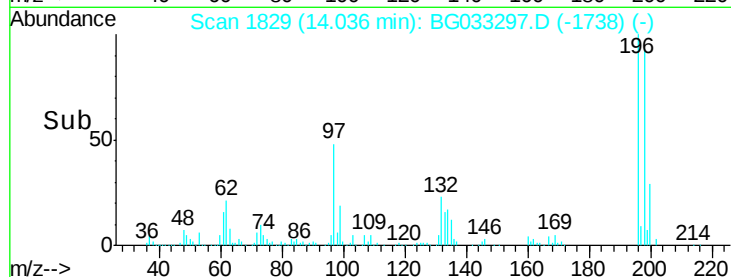
#43
2,4,5-Trichlorophenol
Concen: 53.089 ng
RT: 14.04 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 182456
Ion Ratio Lower Upper
196 100
198 92.6 76.2 114.4
97 48.1 38.7 58.1
132 23.3 20.2 30.2

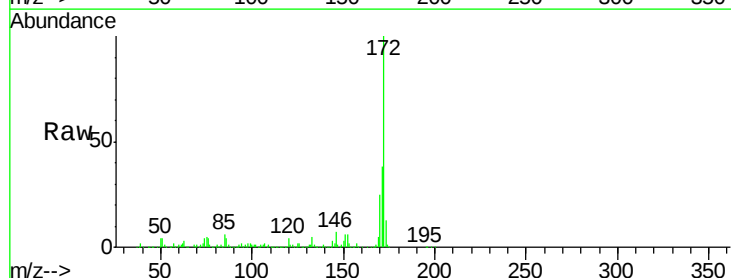


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

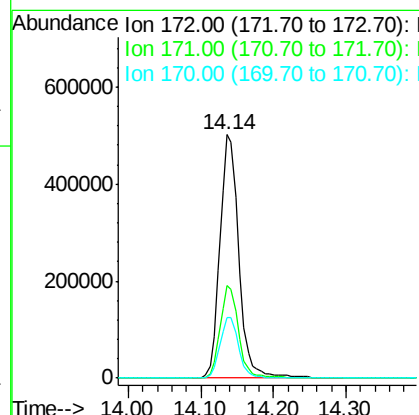
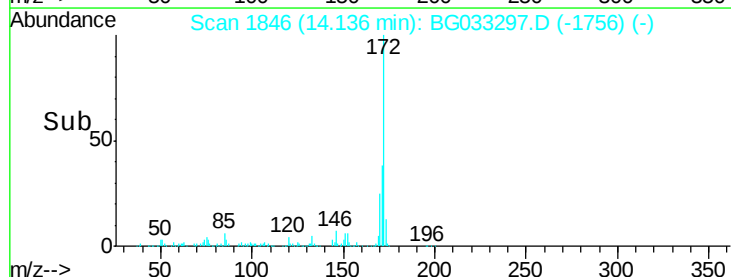


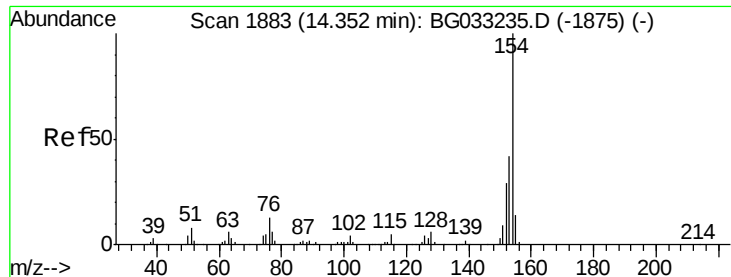
#44
2-Fluorobiphenyl
Concen: 95.451 ng
RT: 14.14 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:172 Resp: 913480
Ion Ratio Lower Upper
172 100
171 37.9 30.0 45.0
170 24.7 19.5 29.3



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: 47.601 ng

RT: 14.35 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

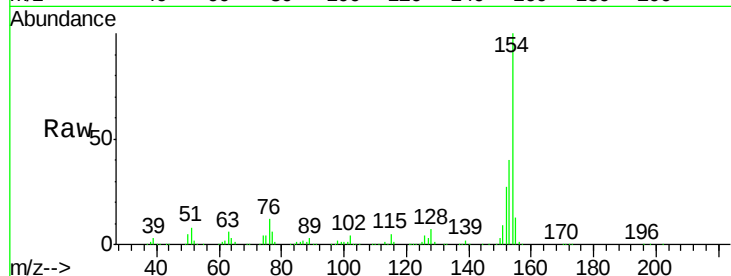
Tot Ion:154 Resp: 505253

Ion Ratio Lower Upper

154 100

153 40.4 19.8 59.8

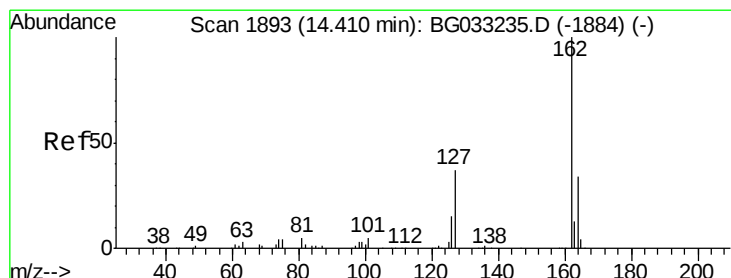
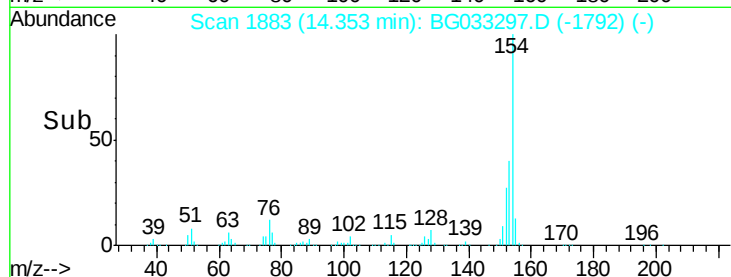
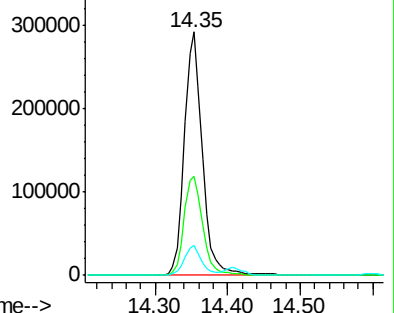
76 12.4 0.0 31.9



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): BGC



#46

2-Chloronaphthalene

Concen: 48.344 ng

RT: 14.41 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

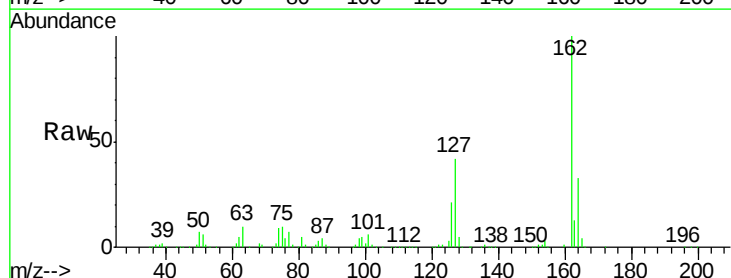
Tgt Ion:162 Resp: 395658

Ion Ratio Lower Upper

162 100

127 42.2 30.7 46.1

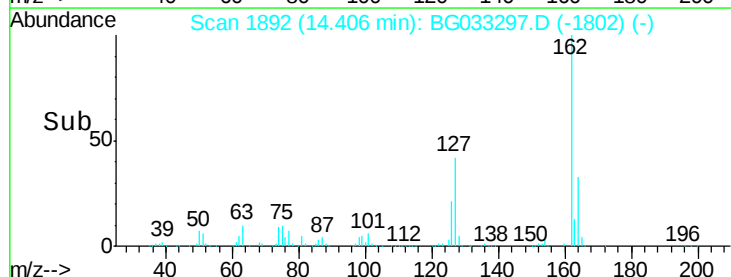
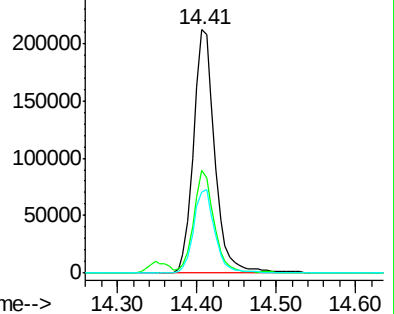
164 33.4 26.0 39.0

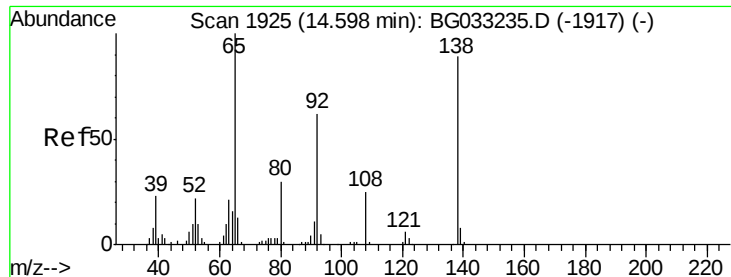


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 52.771 ng

RT: 14.59 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

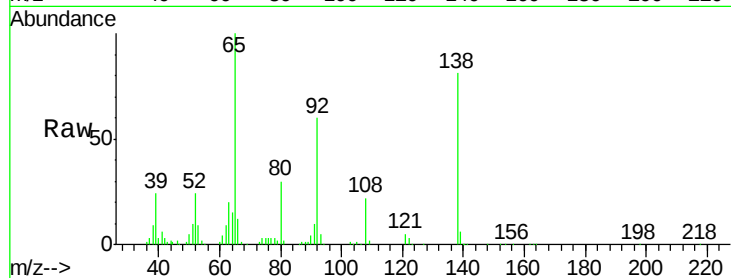
Tot Ion: 65 Resp: 161767

Ion Ratio Lower Upper

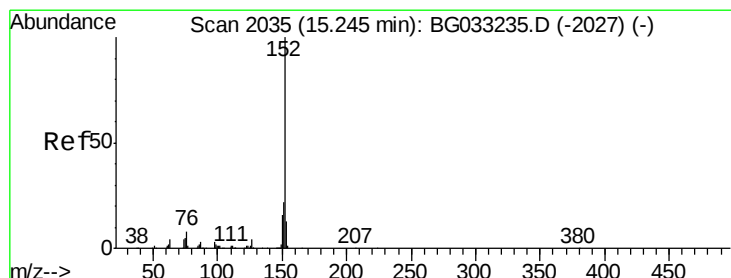
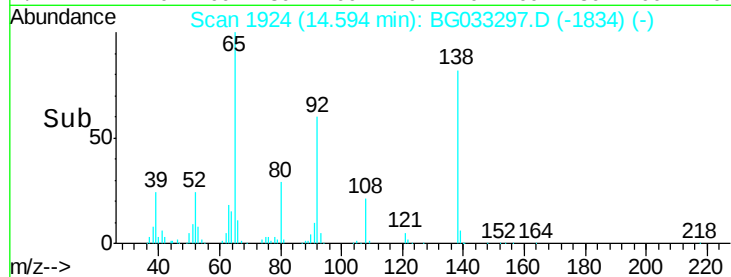
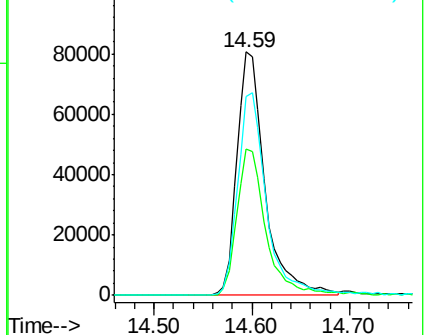
65 100

92 60.3 54.6 82.0

138 81.4 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 47.385 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

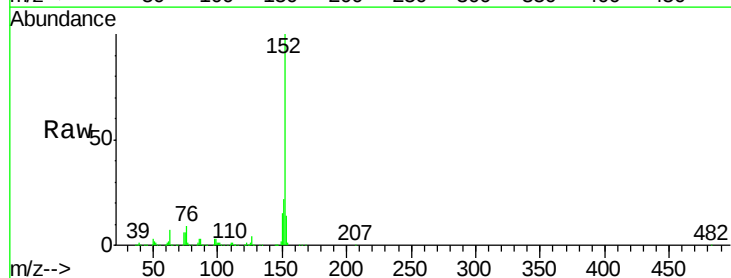
Tgt Ion: 152 Resp: 647325

Ion Ratio Lower Upper

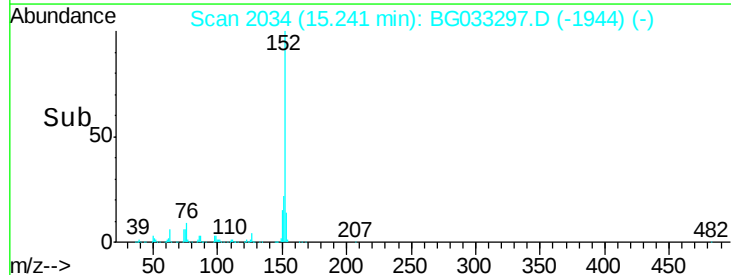
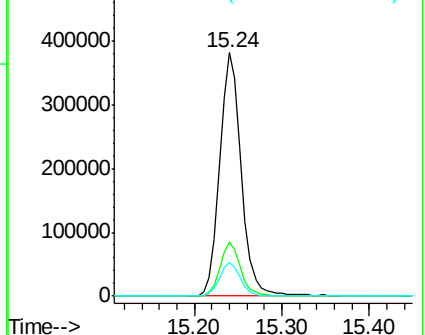
152 100

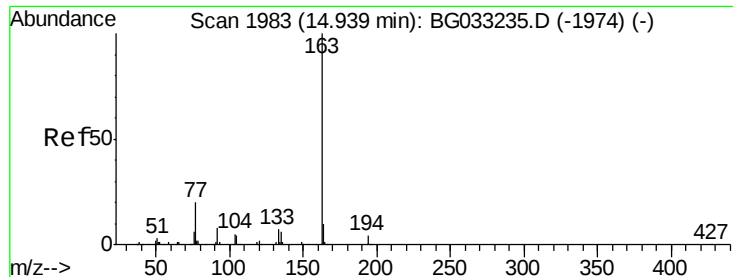
151 22.1 17.2 25.8

153 13.8 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 49.717 ng

RT: 14.94 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG033297.D

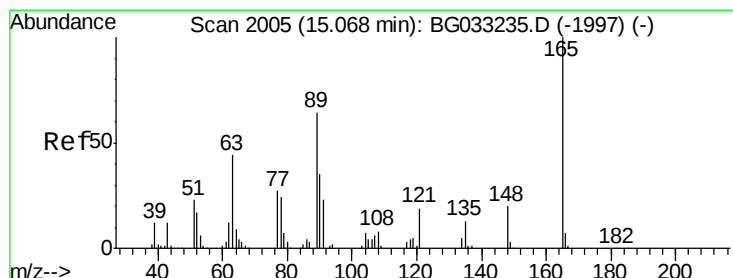
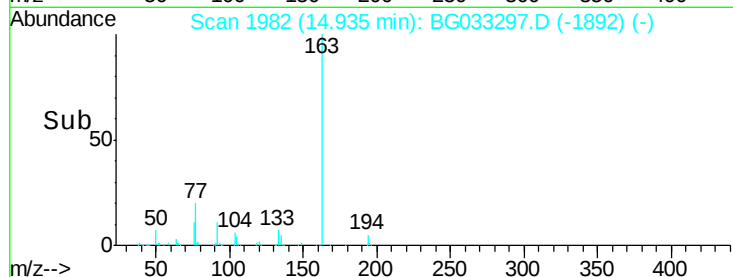
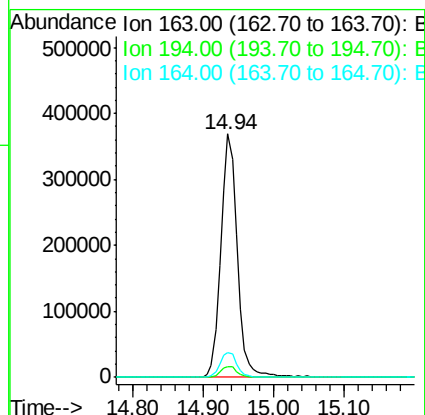
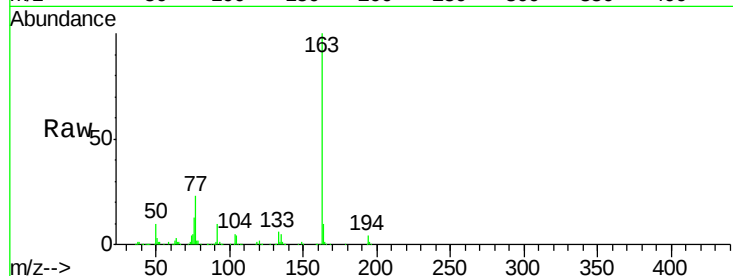
Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampled :

Tot Ion:163	Resp:	597767
Ion	Ratio	Lower Upper
163	100	
194	4.3	3.4 5.2
164	10.2	8.2 12.4



#50

2,6-Dinitrotoluene

Concen: 51.979 ng

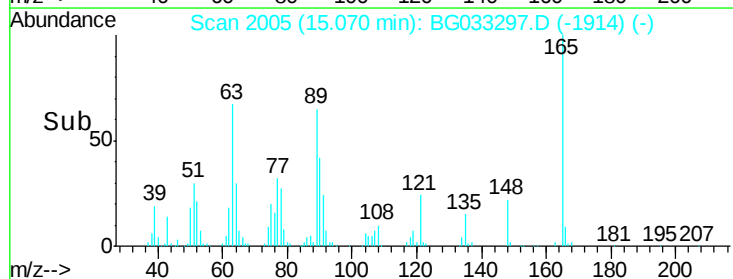
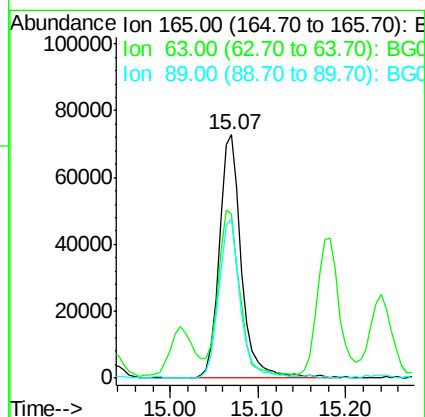
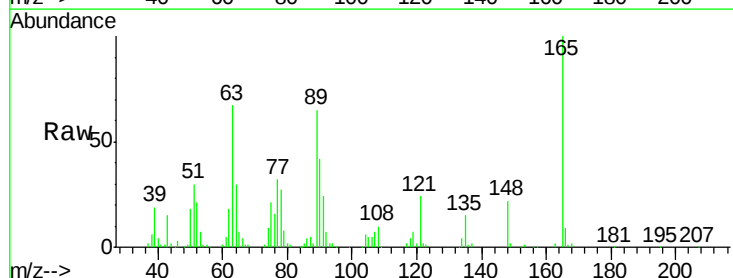
RT: 15.07 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Tgt Ion:165	Resp:	127790
Ion	Ratio	Lower Upper
165	100	
63	67.3	52.7 79.1
89	65.5	49.2 73.8





#51

Acenaphthene

Concen: 53.515 ng

RT: 15.58 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

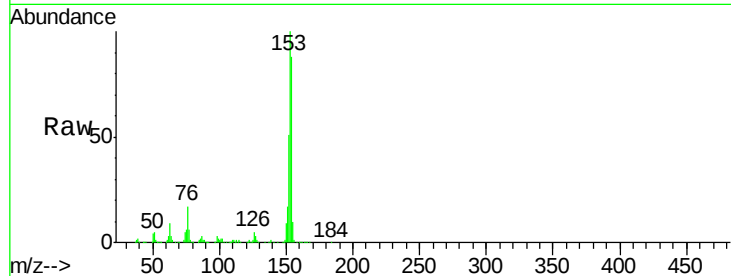
Tot Ion:154 Resp: 471272

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

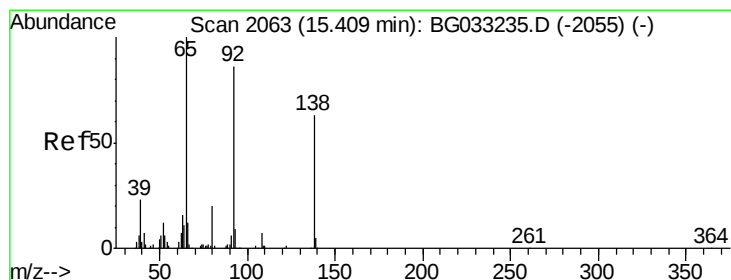
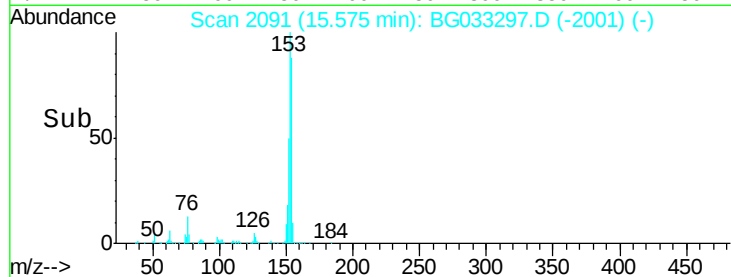
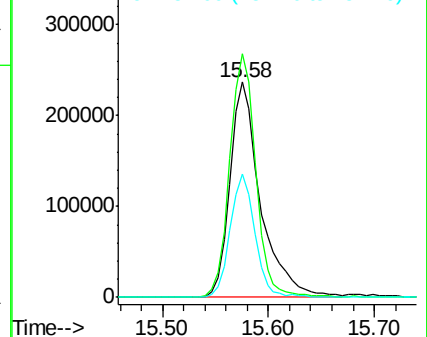
152 57.4 41.6 62.4



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: 10.228 ng

RT: 15.41 min Scan# 2063

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

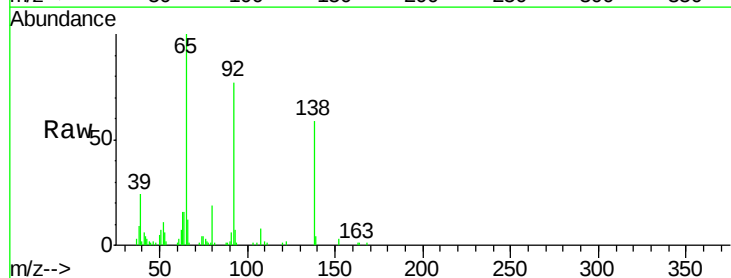
Tgt Ion:138 Resp: 26362

Ion Ratio Lower Upper

138 100

108 13.1 17.5 26.3#

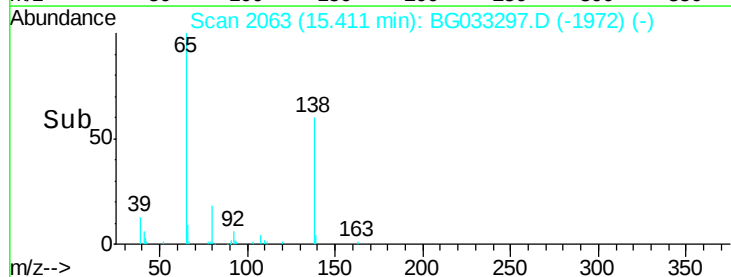
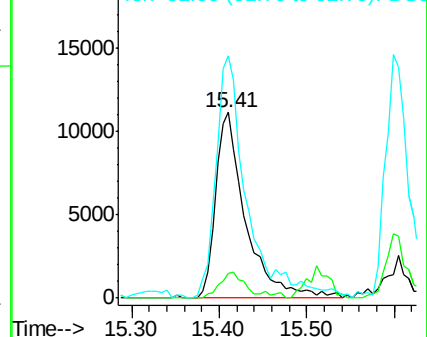
92 130.2 105.8 158.8

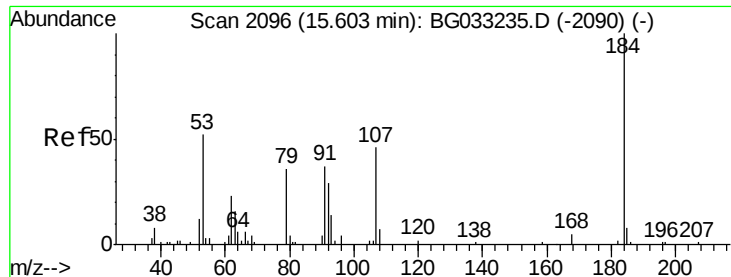


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

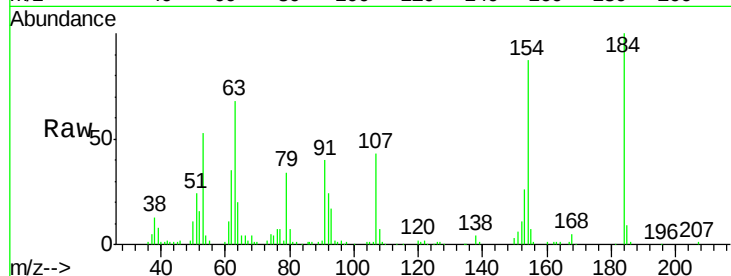




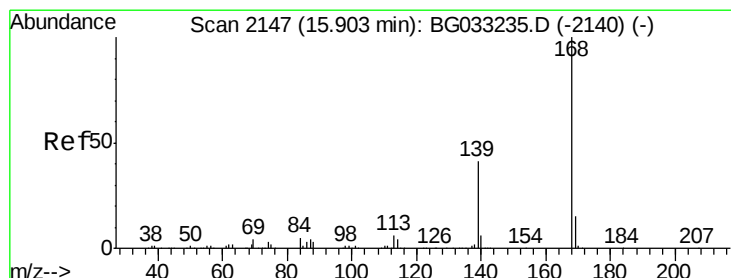
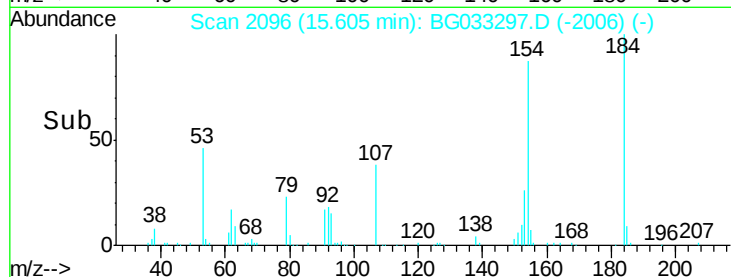
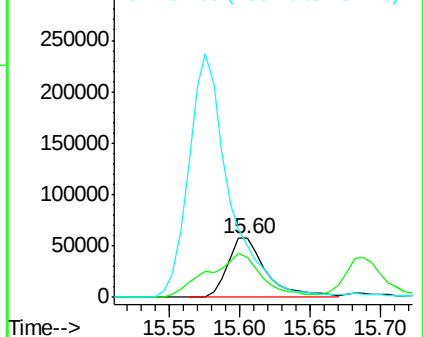
#53
 2,4-Dinitrophenol
 Concen: 85.570 ng
 RT: 15.60 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 109692
 Ion Ratio Lower Upper
 184 100
 63 67.7 59.8 89.8
 154 87.4 101.8 152.8#

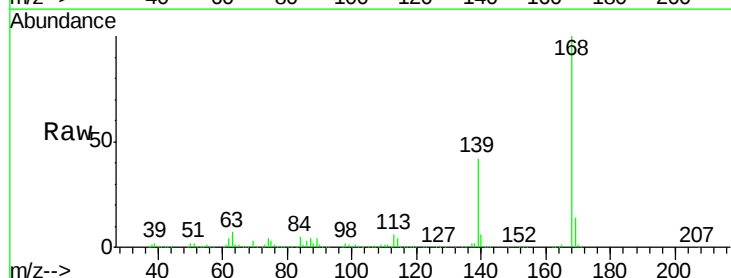


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

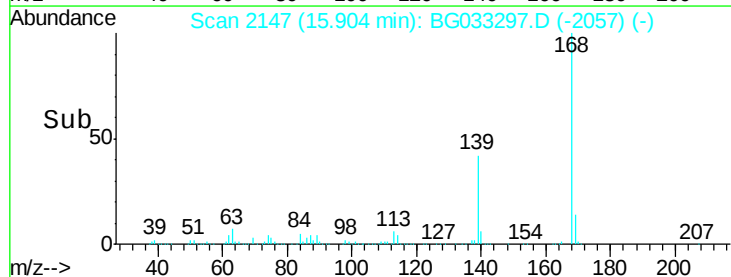
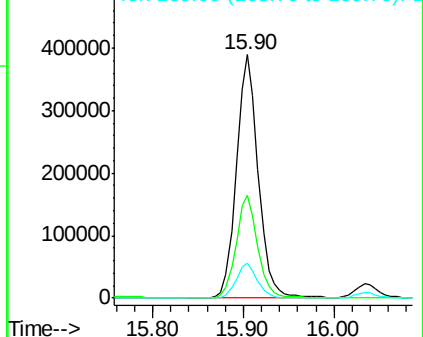


#54
 Dibenzofuran
 Concen: 50.191 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion:168 Resp: 652893
 Ion Ratio Lower Upper
 168 100
 139 42.1 28.6 43.0
 169 14.4 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

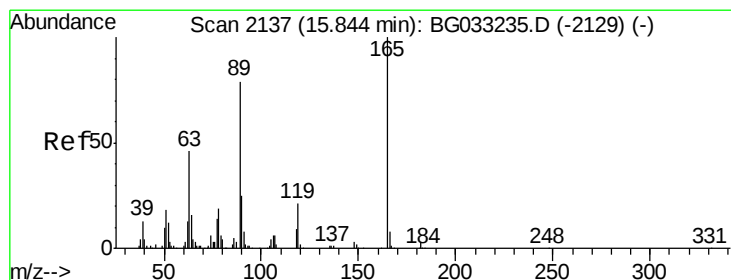
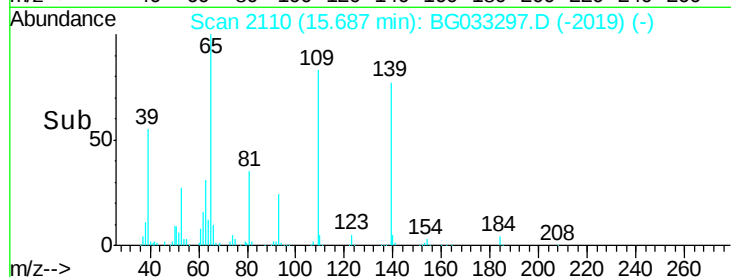
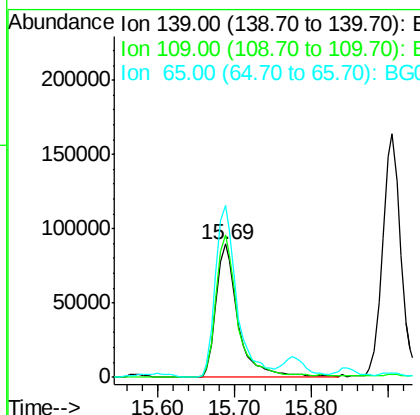
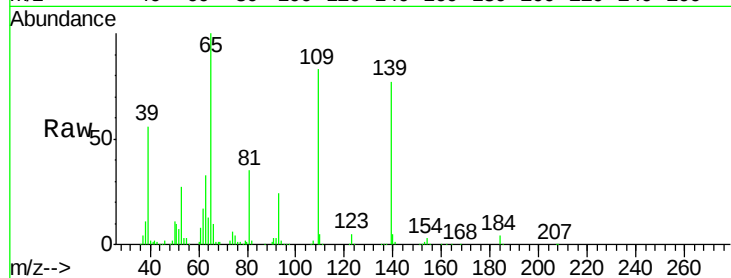




#55
4-Nitrophenol
Concen: 98.845 ng
RT: 15.69 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

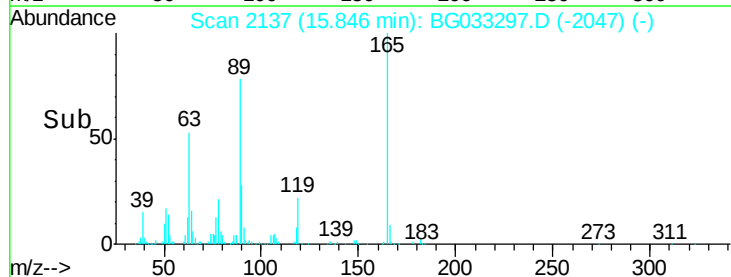
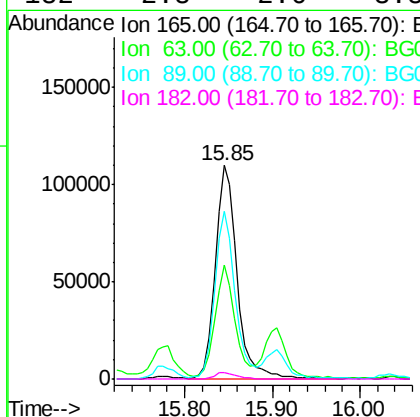
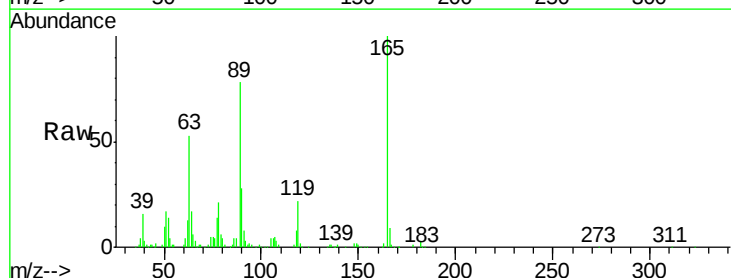
Instrument :
BNA_G
ClientSampleId :

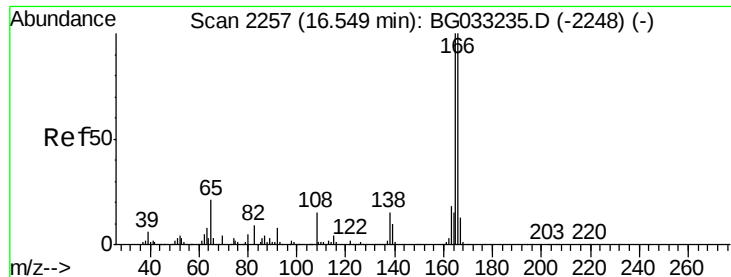
Tot Ion:139 Resp: 179147
Ion Ratio Lower Upper
139 100
109 107.6 62.2 102.2#
65 129.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 52.186 ng
RT: 15.85 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:165 Resp: 188904
Ion Ratio Lower Upper
165 100
63 53.1 42.0 63.0
89 78.5 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 49.050 ng

RT: 16.54 min Scan# 2256

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

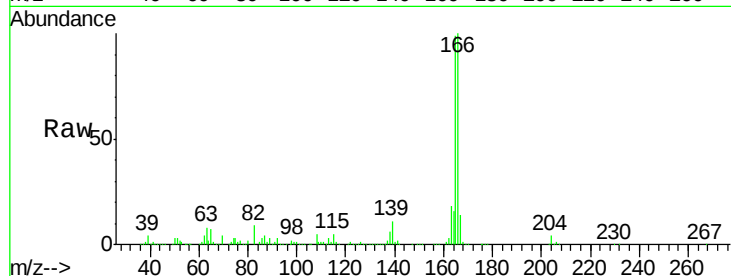
Tot Ion:166 Resp: 543571

Ion Ratio Lower Upper

166 100

165 99.2 80.6 121.0

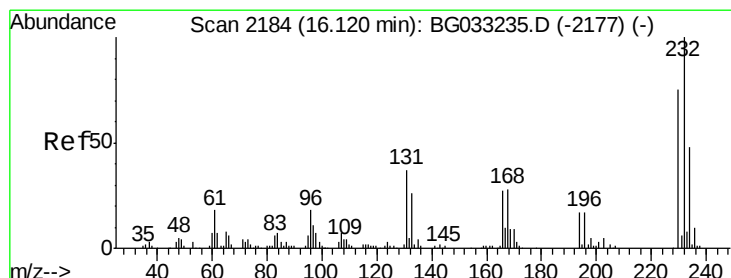
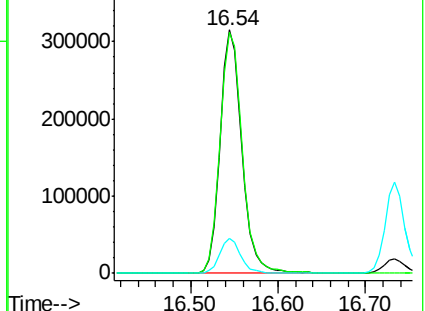
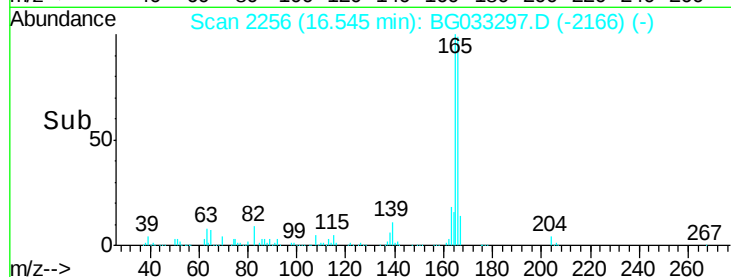
167 14.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 59.032 ng

RT: 16.12 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Tgt Ion:232 Resp: 190996

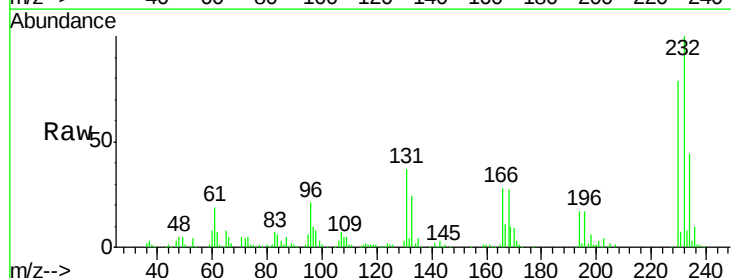
Ion Ratio Lower Upper

232 100

131 34.7 33.5 50.3

130 2.8 2.2 3.2

166 28.0 24.8 37.2

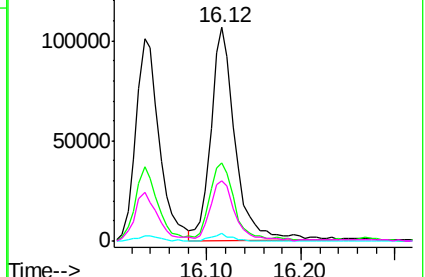
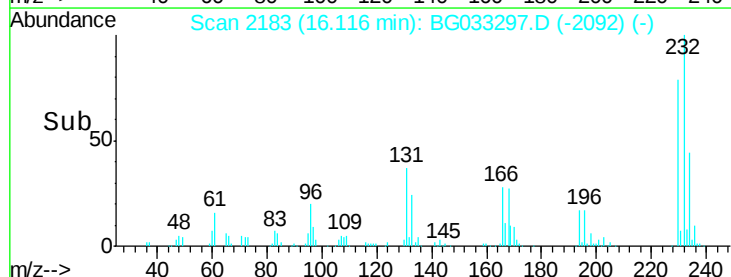


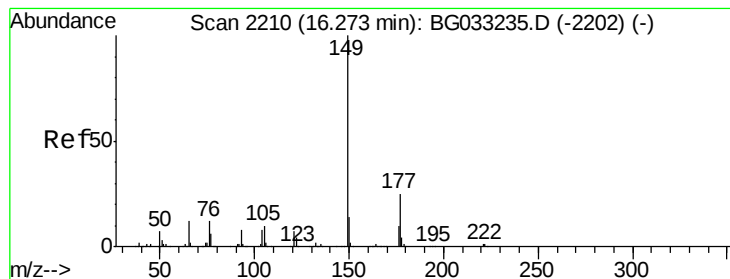
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.792 ng

RT: 16.27 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampled :

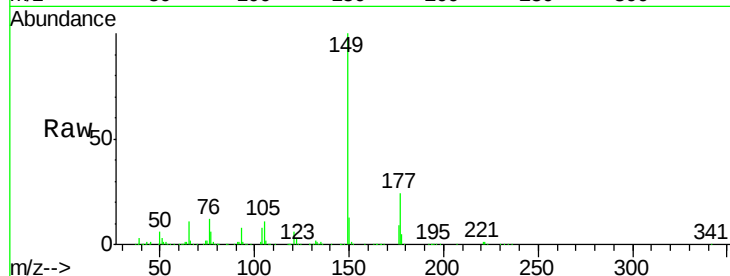
Tot Ion:149 Resp: 581331

Ion Ratio Lower Upper

149 100

177 23.9 18.5 27.7

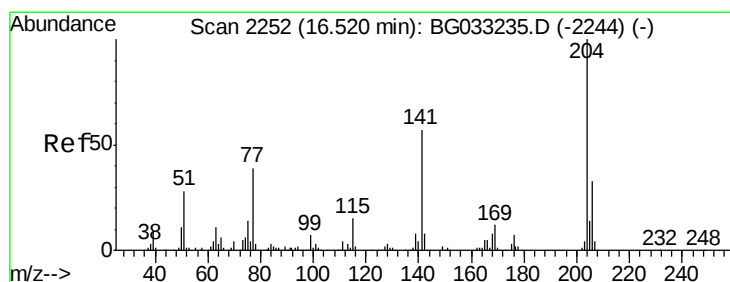
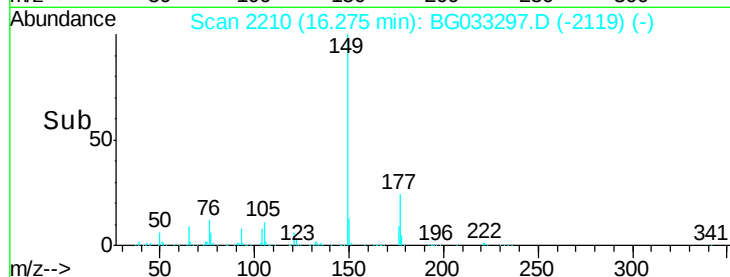
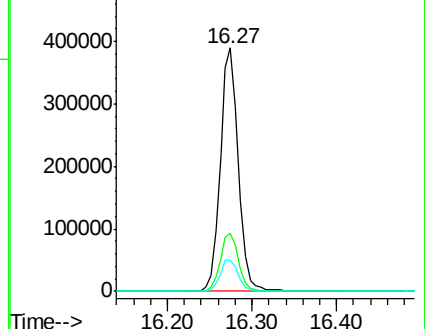
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 49.537 ng

RT: 16.52 min Scan# 2252

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

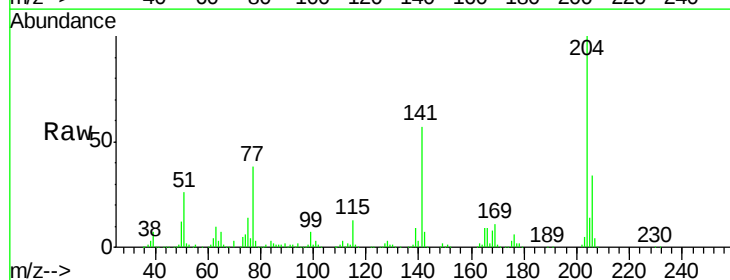
Tgt Ion:204 Resp: 315571

Ion Ratio Lower Upper

204 100

206 34.3 26.2 39.2

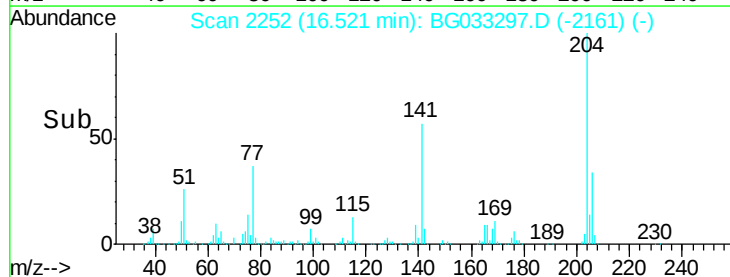
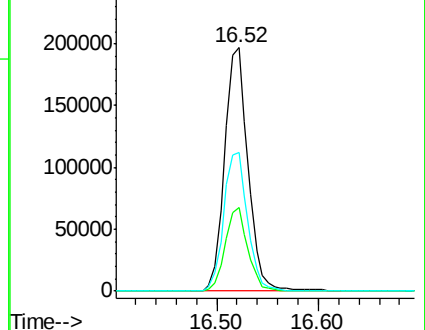
141 56.9 45.8 68.6

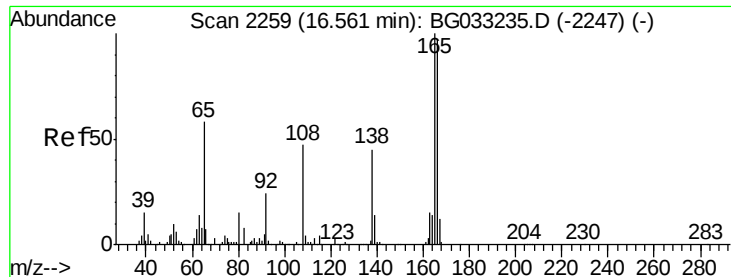


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

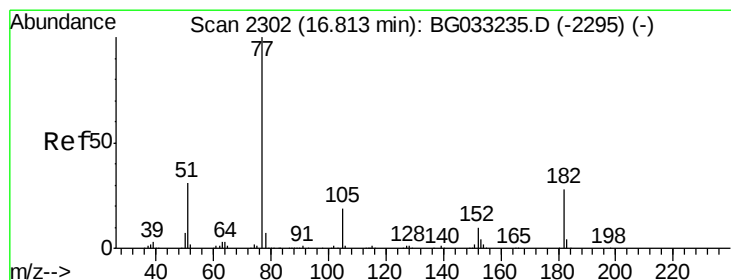
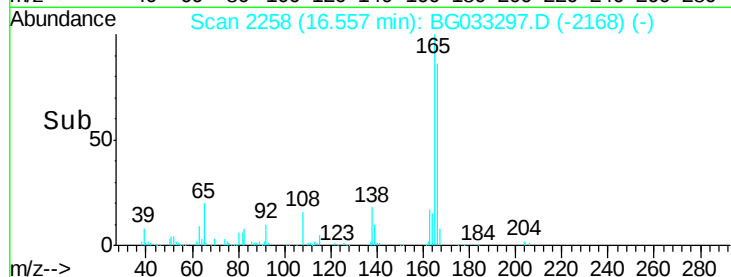
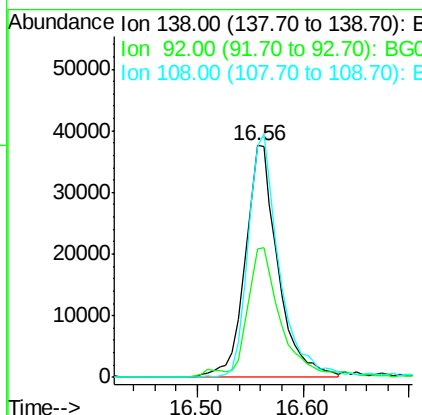
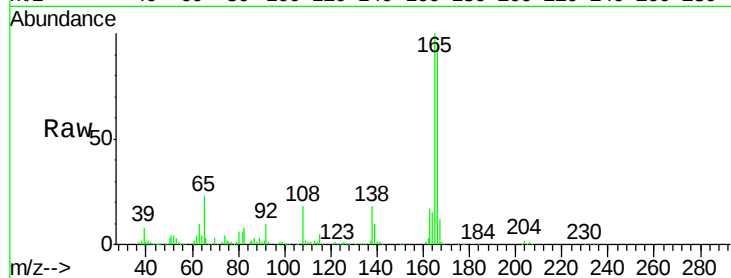




#61
4-Nitroaniline
Concen: 31.021 ng
RT: 16.56 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

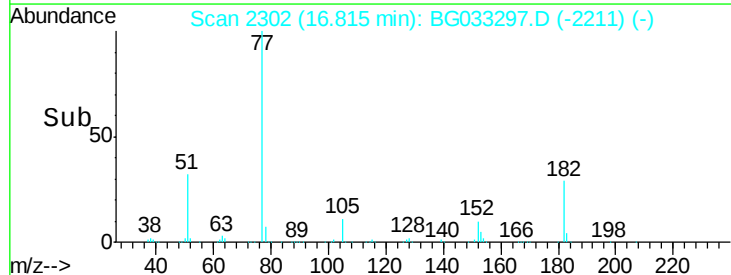
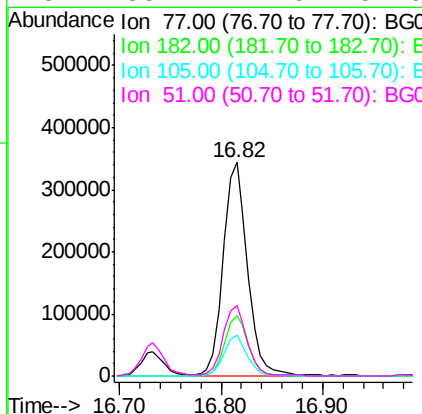
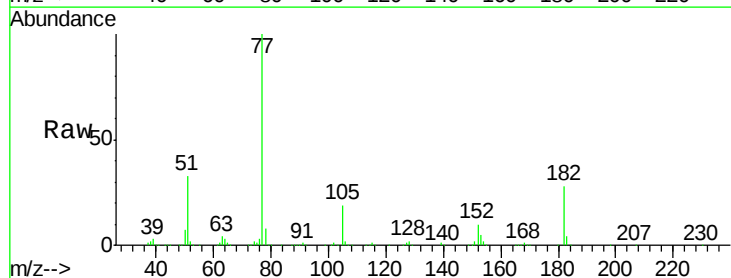
Instrument :
BNA_G
ClientSampleId :

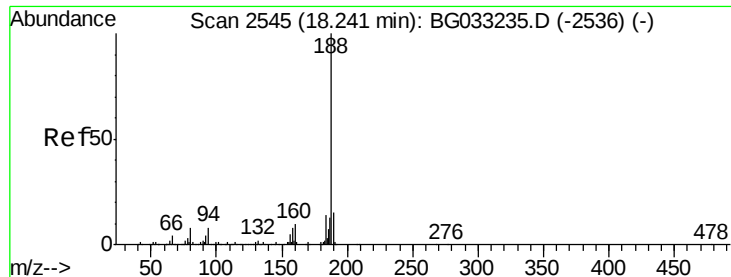
Tot Ion:138 Resp: 80967
Ion Ratio Lower Upper
138 100
92 55.2 40.1 80.1
108 99.9 65.4 105.4



#62
Azobenzene
Concen: 50.177 ng
RT: 16.82 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion: 77 Resp: 567484
Ion Ratio Lower Upper
77 100
182 28.1 7.4 47.4
105 19.3 0.3 40.3
51 33.2 11.6 51.6

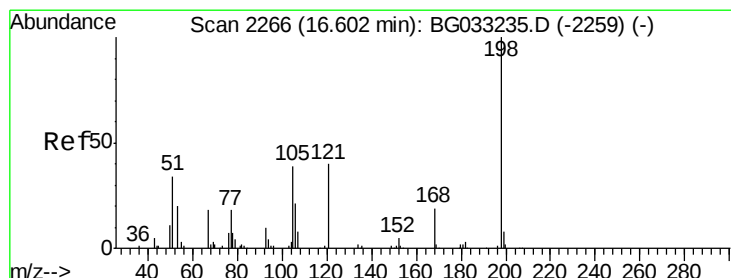
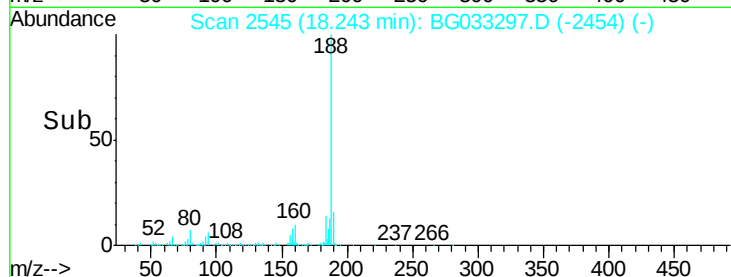
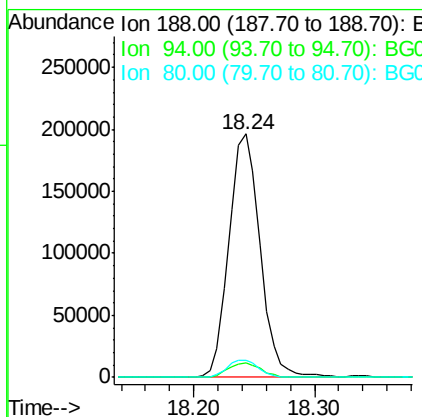
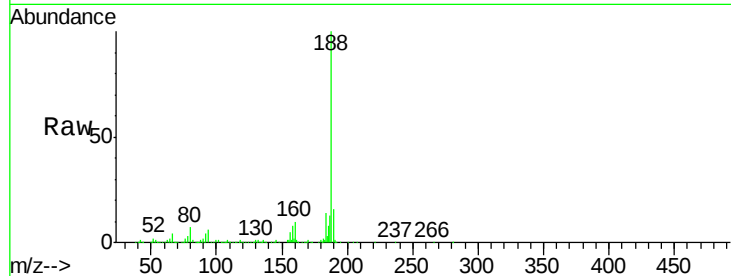




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

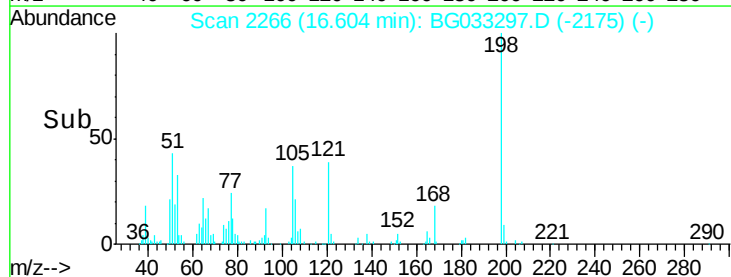
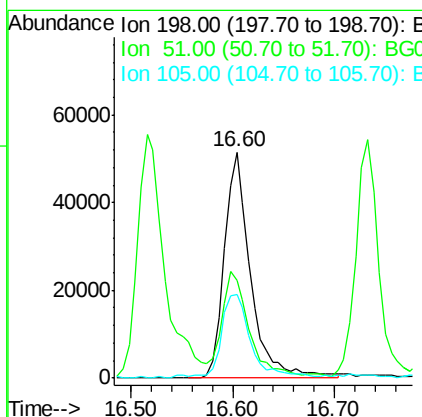
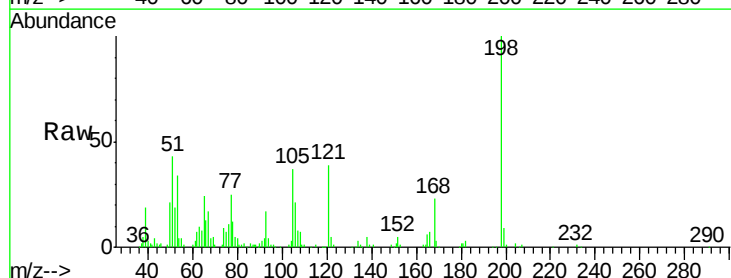
Instrument :
BNA_G
ClientSampled :

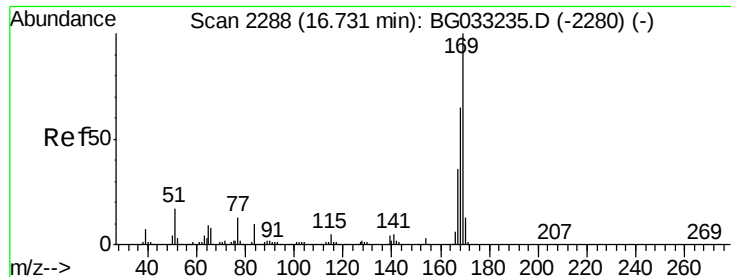
Tot Ion:188 Resp: 353548
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 7.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 43.618 ng
RT: 16.60 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:198 Resp: 92254
Ion Ratio Lower Upper
198 100
51 43.4 30.6 70.6
105 37.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 50.664 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

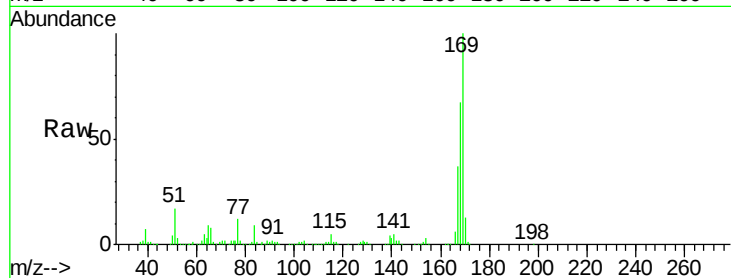
Tot Ion:169 Resp: 511364

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

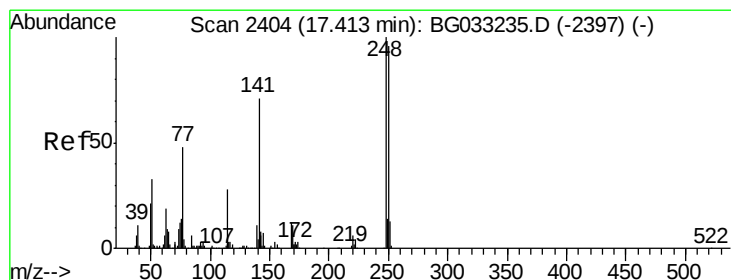
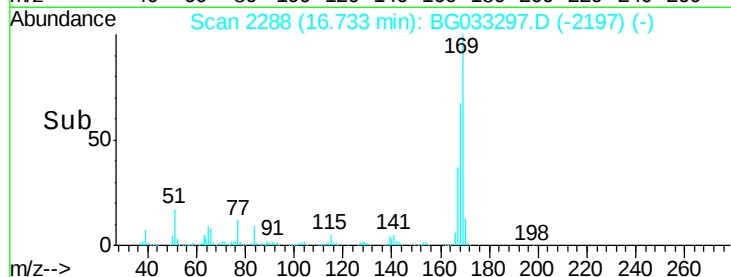
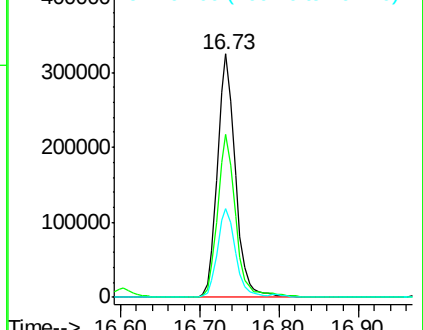
167 36.6 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.324 ng

RT: 17.41 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

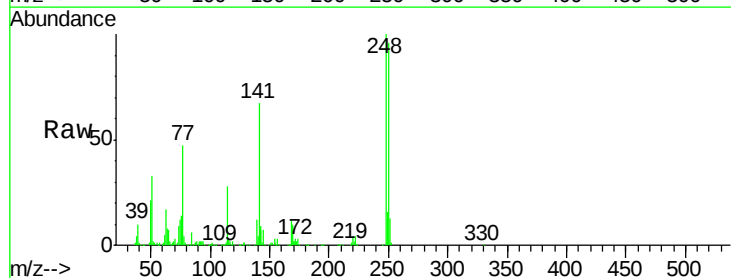
Tgt Ion:248 Resp: 213101

Ion Ratio Lower Upper

248 100

250 96.2 77.1 115.7

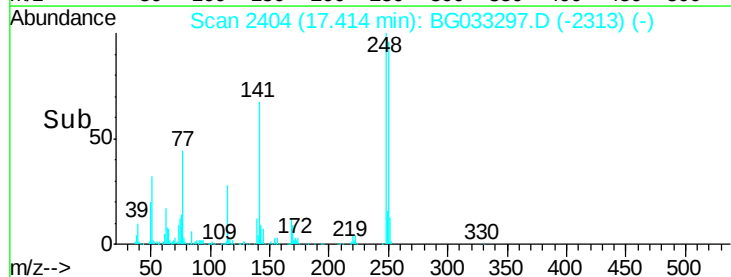
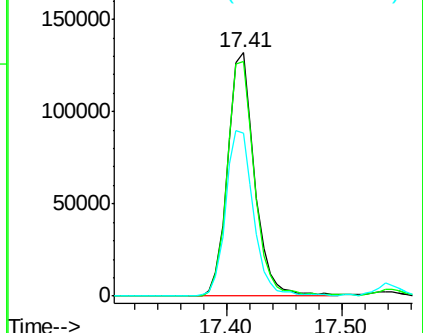
141 67.0 50.8 76.2

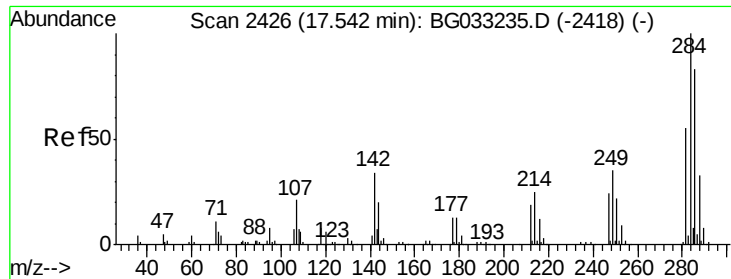


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

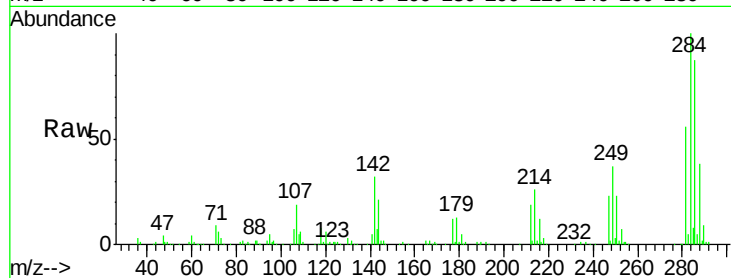




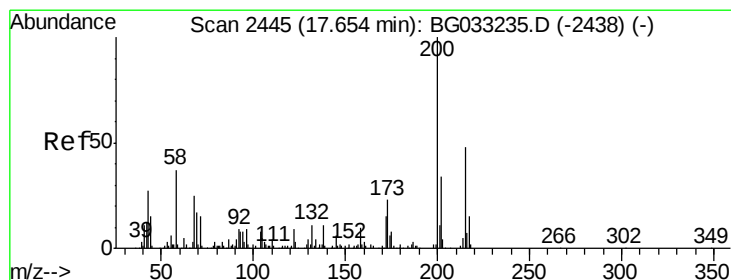
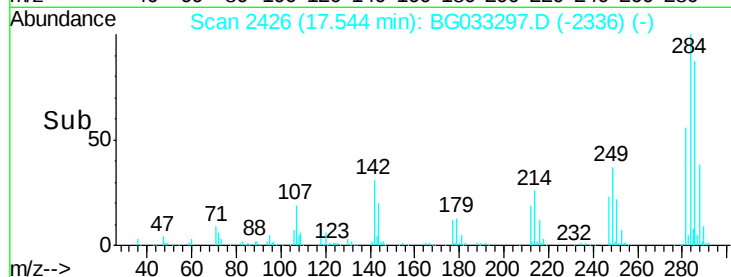
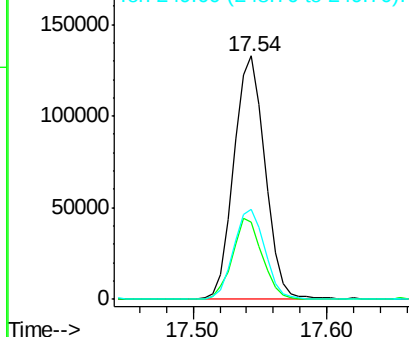
#67
Hexachlorobenzene
Concen: 49.318 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 216109
Ion Ratio Lower Upper
284 100
142 31.9 26.8 40.2
249 37.0 26.3 39.5

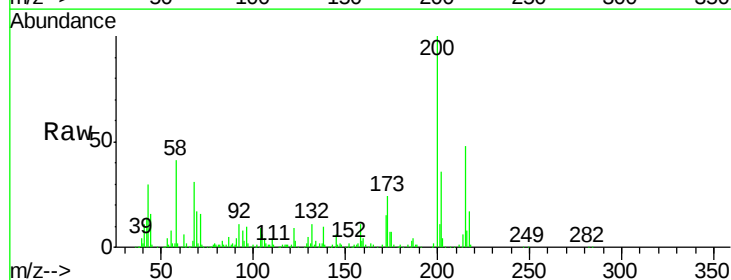


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

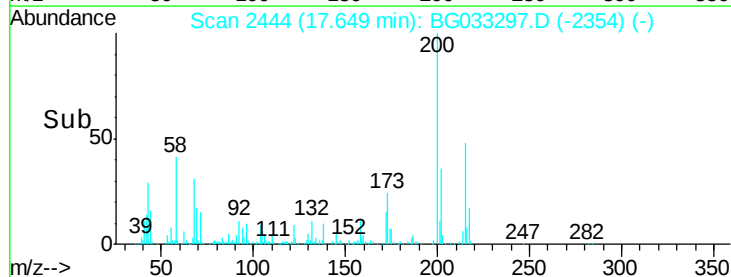
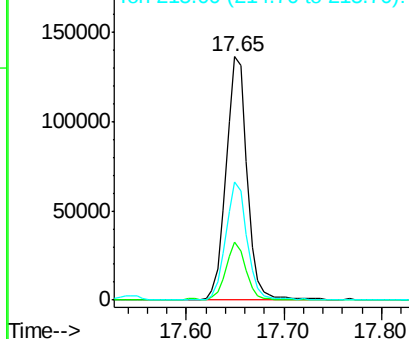


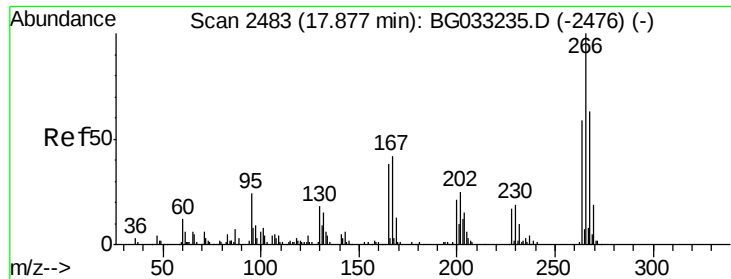
#68
Atrazine
Concen: 49.974 ng
RT: 17.65 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:200 Resp: 204393
Ion Ratio Lower Upper
200 100
173 23.7 5.2 45.2
215 48.4 30.4 70.4



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: 98.119 ng

RT: 17.88 min Scan# 2483

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

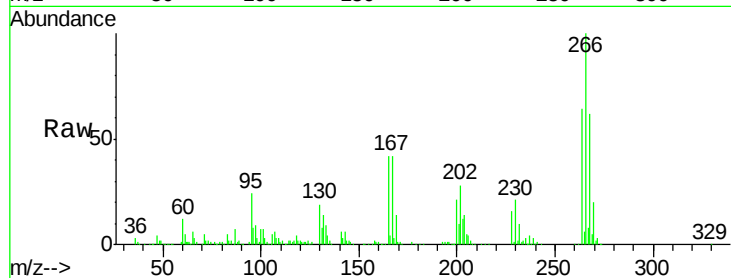
Tot Ion:266 Resp: 295101

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

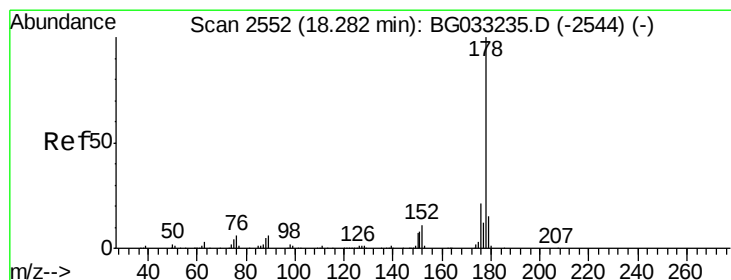
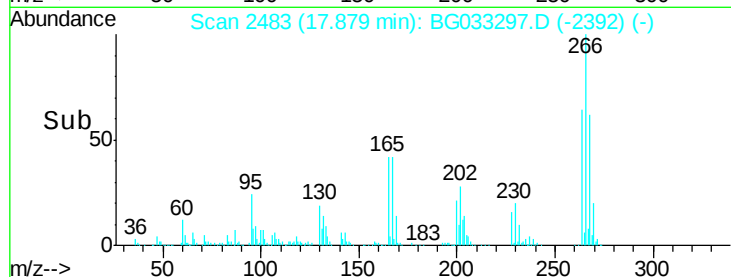
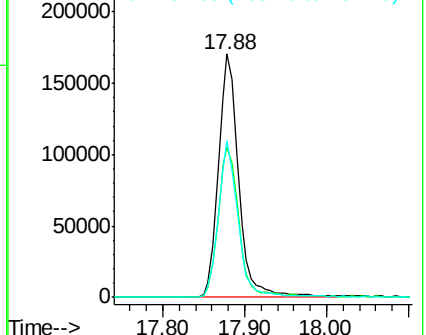
264 64.1 49.6 74.4



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: 49.776 ng

RT: 18.28 min Scan# 2552

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

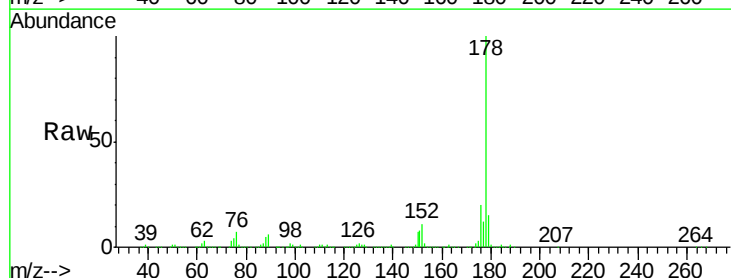
Tgt Ion:178 Resp: 916517

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

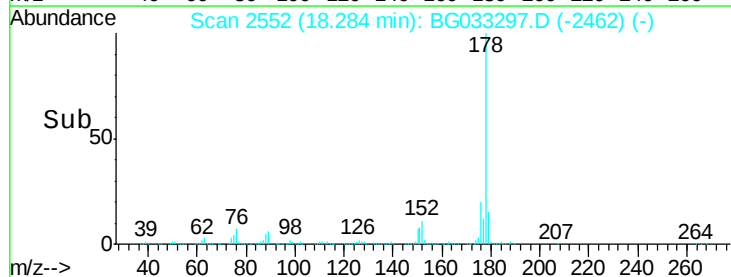
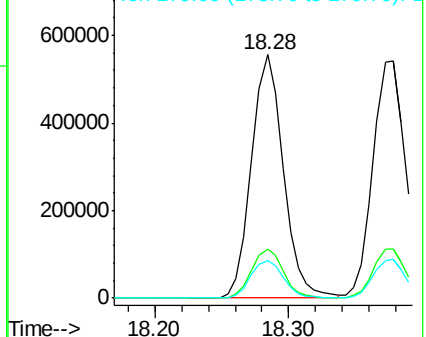
179 15.5 12.5 18.7

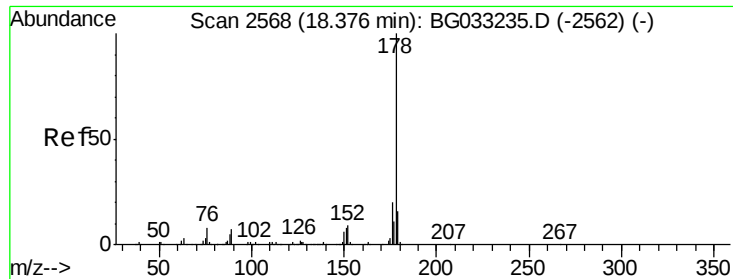


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

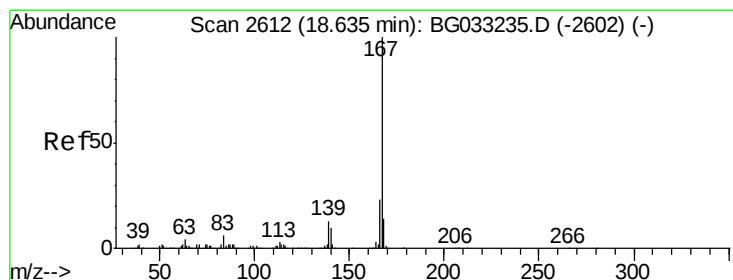
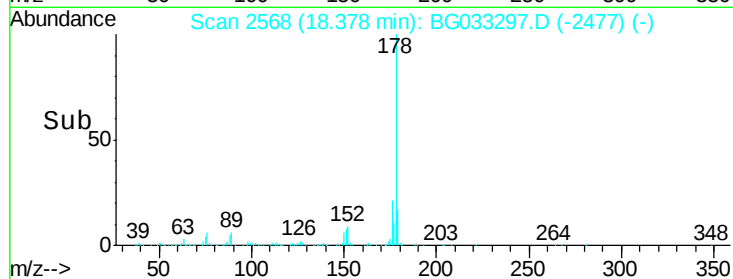
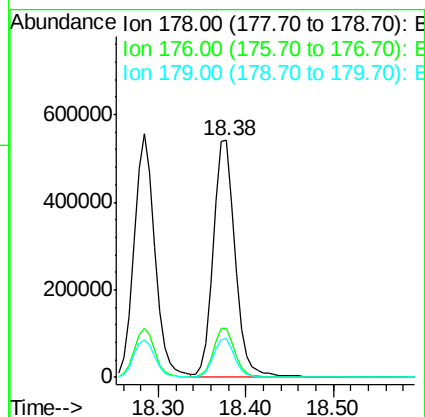
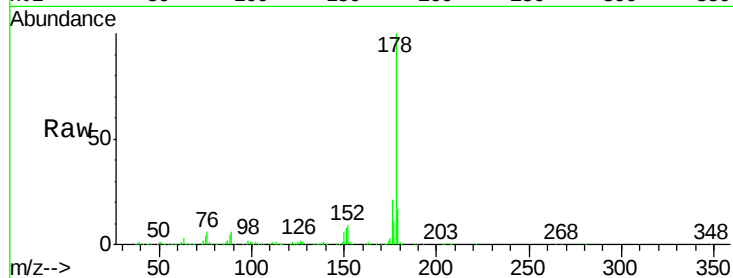




#71
 Anthracene
 Concen: 50.660 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

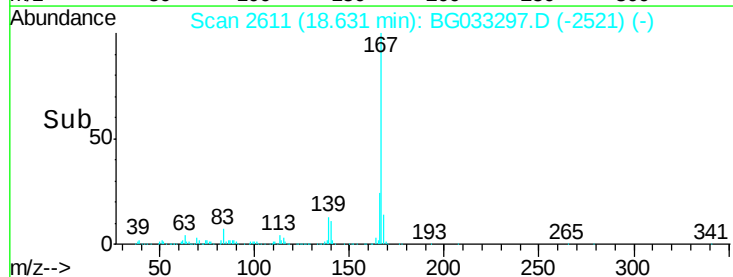
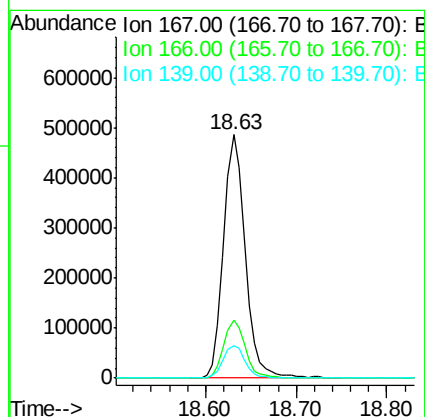
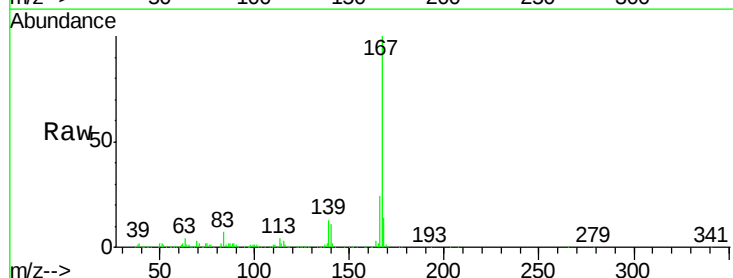
Instrument :
 BNA_G
 ClientSampleId :

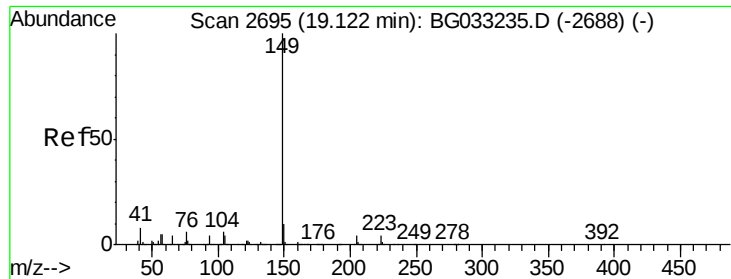
Tot Ion:178 Resp: 944478
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 48.980 ng
 RT: 18.63 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion:167 Resp: 809192
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.4
 139 13.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 50.381 ng

RT: 19.12 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

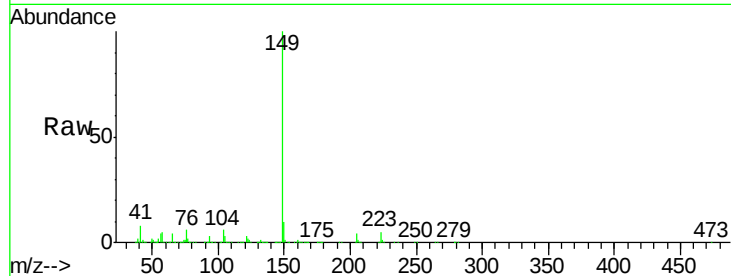
Tot Ion:149 Resp: 968798

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

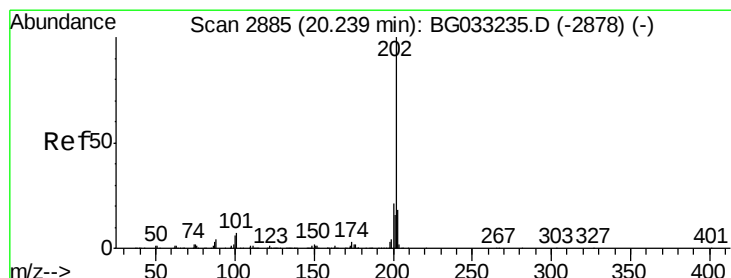
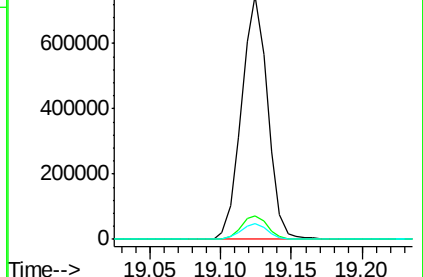
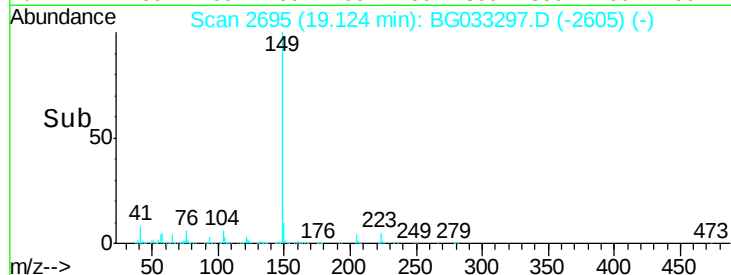
104 6.5 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.132 ng

RT: 20.23 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

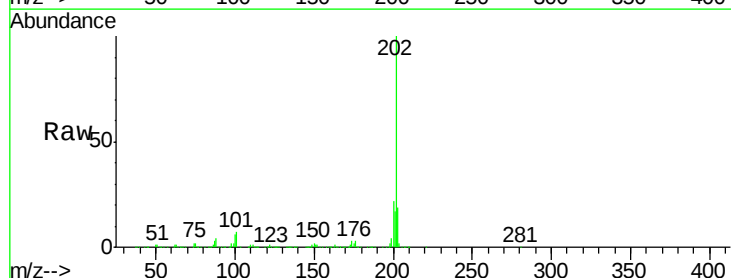
Tgt Ion:202 Resp: 1142293

Ion Ratio Lower Upper

202 100

101 7.4 0.0 28.9

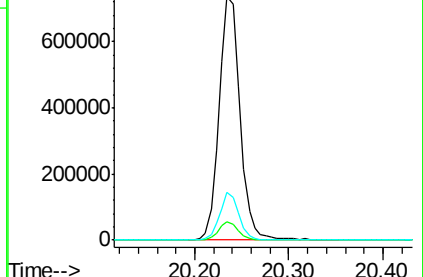
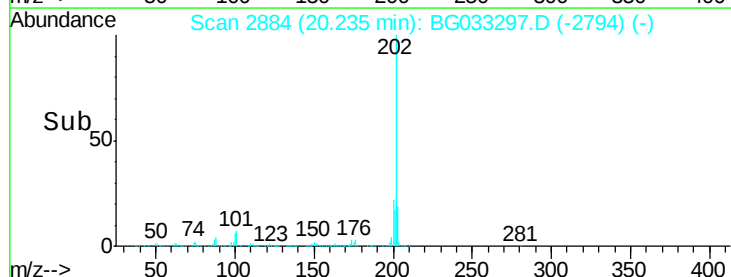
203 19.4 0.0 37.5

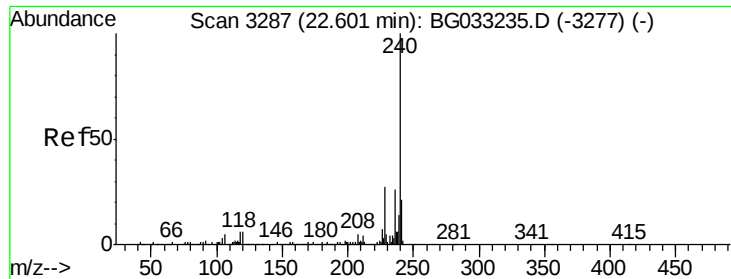


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

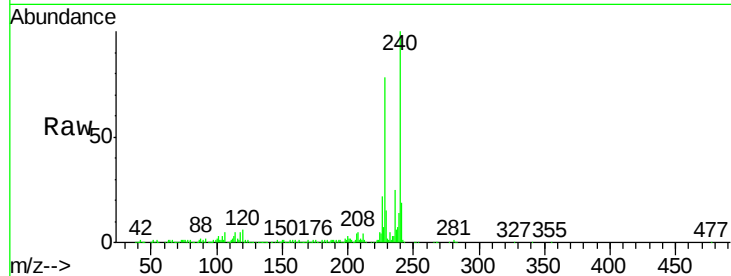
Tot Ion:240 Resp: 353075

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

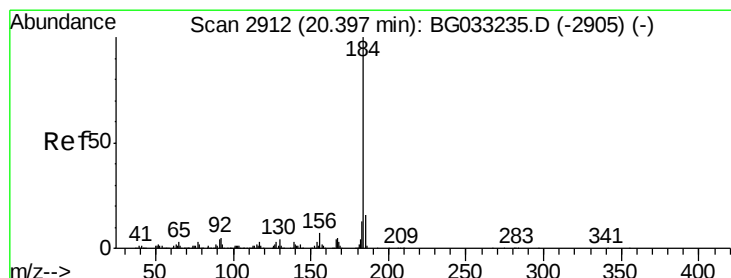
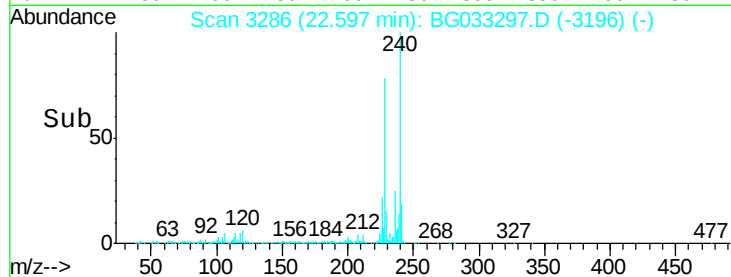
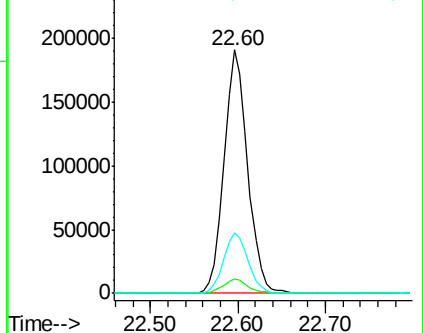
236 25.0 20.9 31.3



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: 8.101 ng

RT: 20.41 min Scan# 2913

Delta R.T. 0.01 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

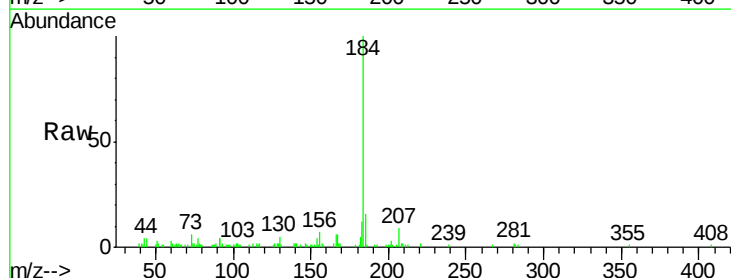
Tgt Ion:184 Resp: 77568

Ion Ratio Lower Upper

184 100

185 16.2 11.1 16.7

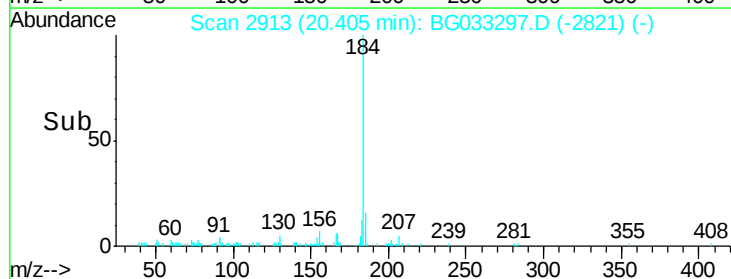
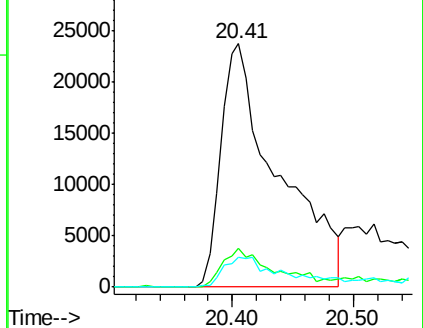
183 12.3 10.6 16.0

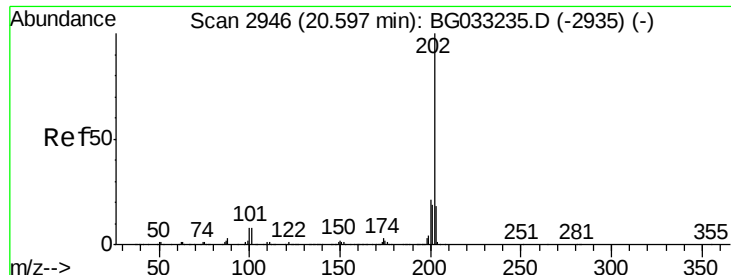


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

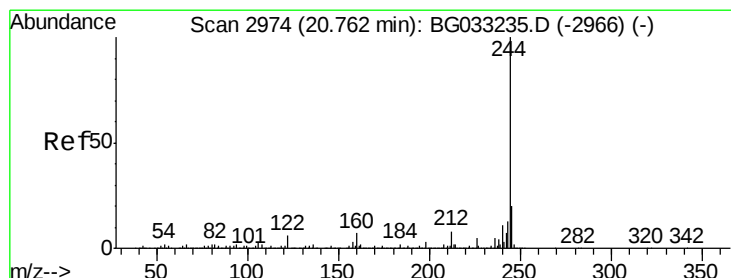
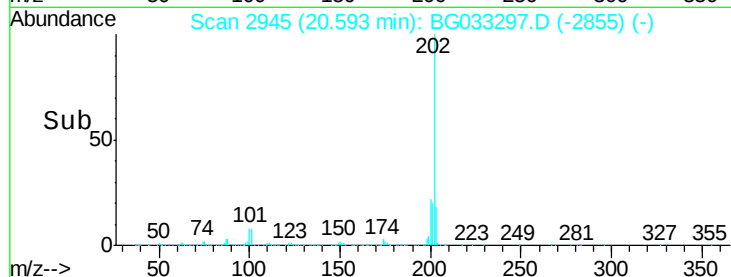
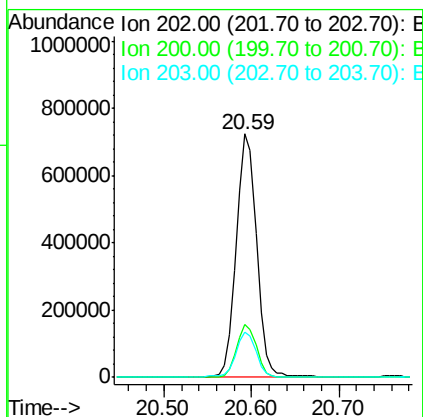
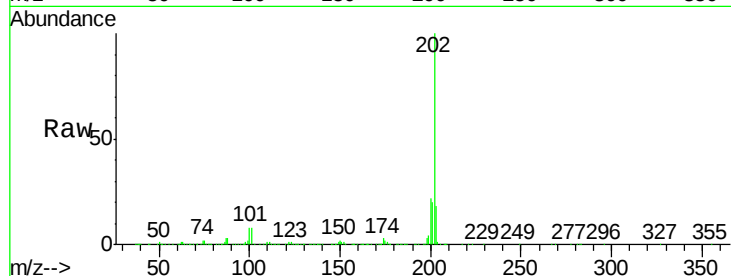




#77
Pvrene
Concen: 48.371 ng
RT: 20.59 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

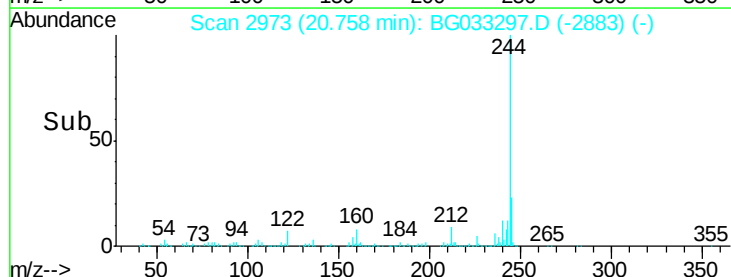
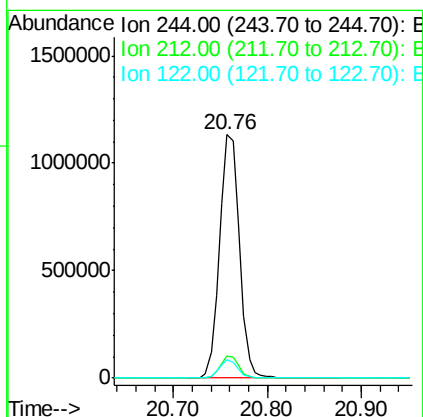
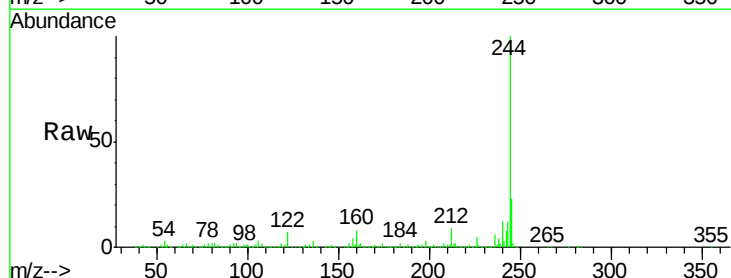
Instrument :
BNA_G
ClientSampleId :

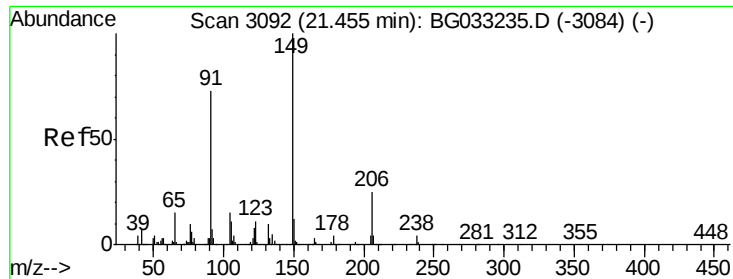
Tot Ion:202 Resp: 1139043
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.4 13.9 20.9



#78
Terphenyl-d14
Concen: 101.519 ng
RT: 20.76 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:244 Resp: 1676033
Ion Ratio Lower Upper
244 100
212 9.2 5.8 8.8#
122 7.3 7.0 10.4

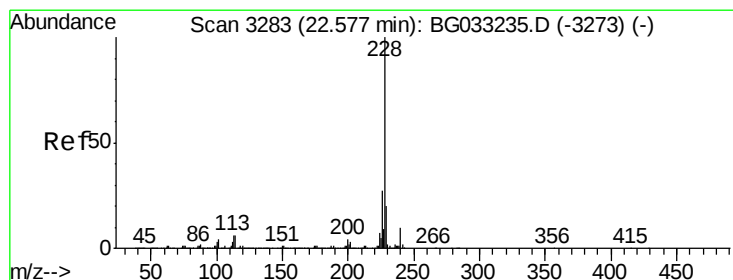
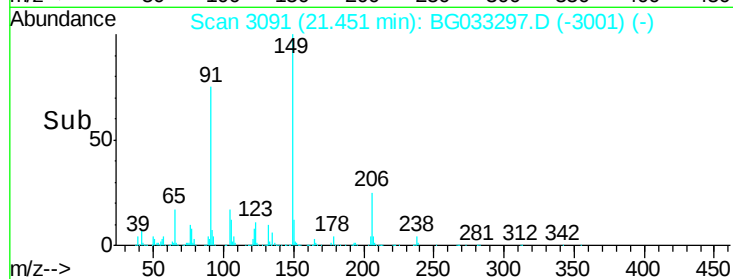
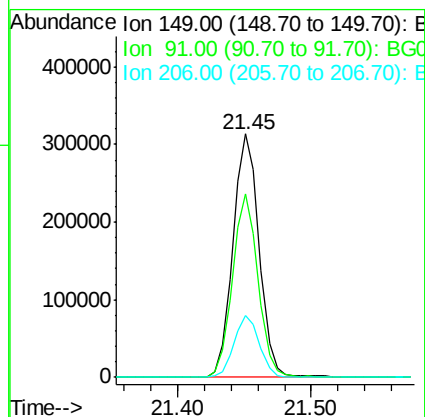
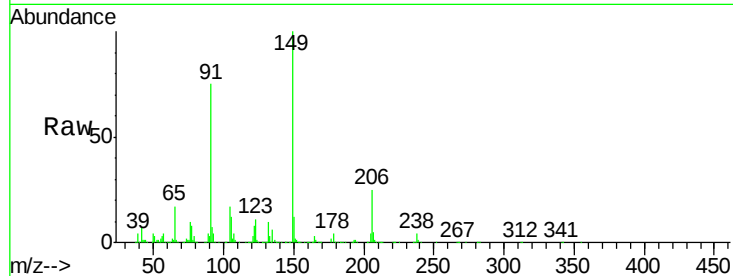




#79
Butylbenzylphthalate
Concen: 49.461 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

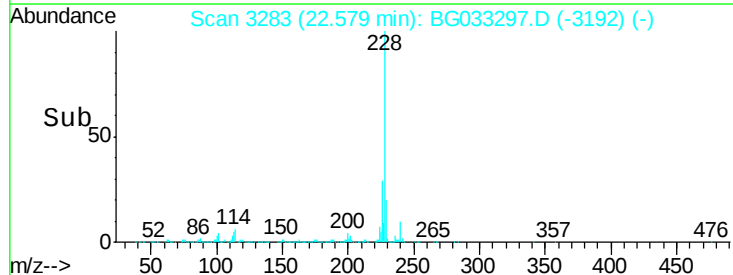
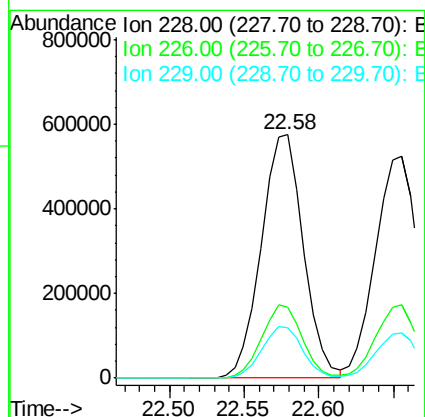
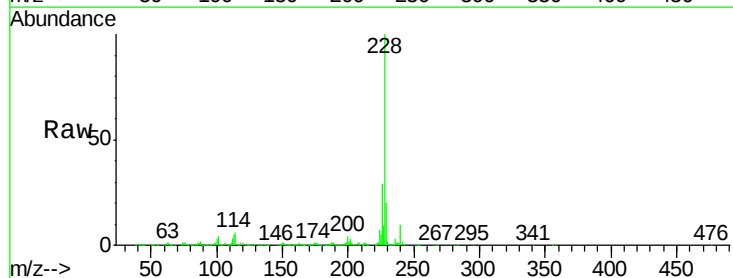
Instrument :
BNA_G
ClientSampleId :

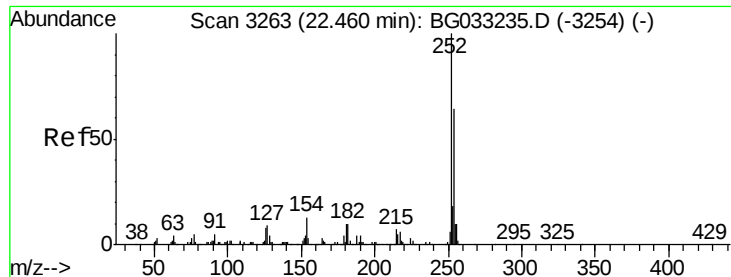
Tot Ion:149 Resp: 429807
Ion Ratio Lower Upper
149 100
91 75.3 62.2 93.2
206 25.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 49.993 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:228 Resp: 1123948
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 20.4 16.2 24.2

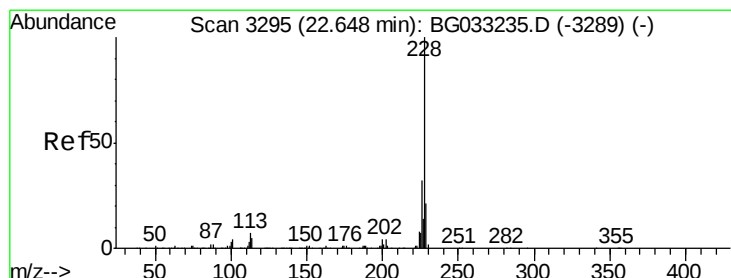
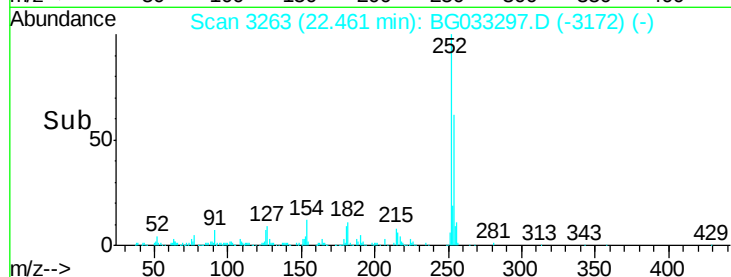
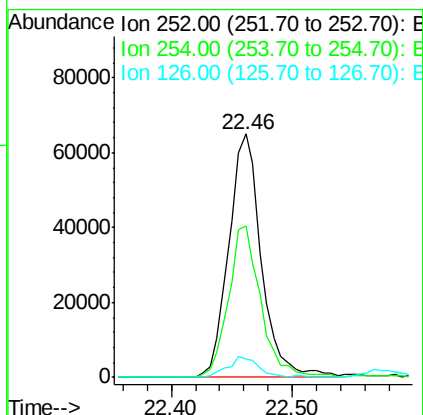
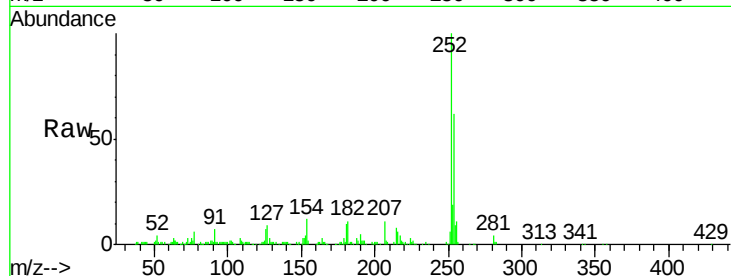




#81
 3,3'-Dichlorobenzidine
 Concen: 15.259 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

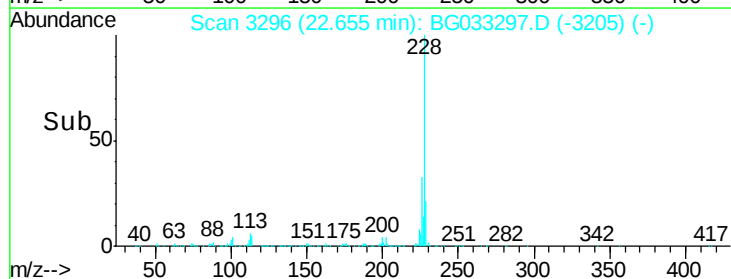
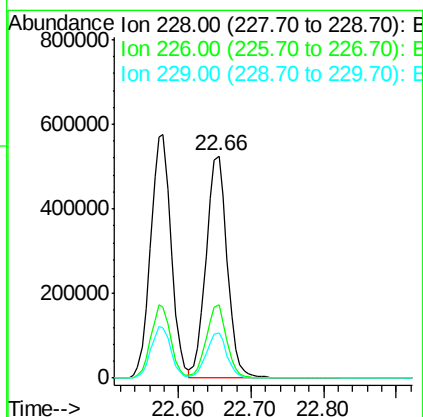
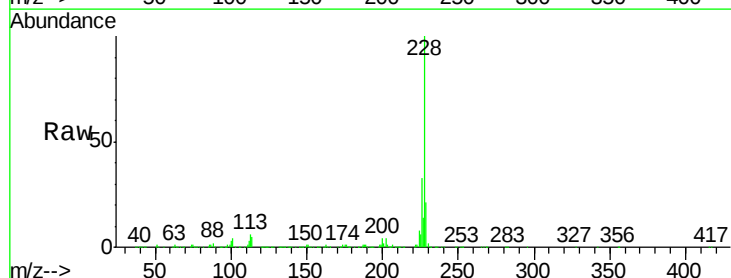
Instrument :
 BNA_G
 ClientSampleId :

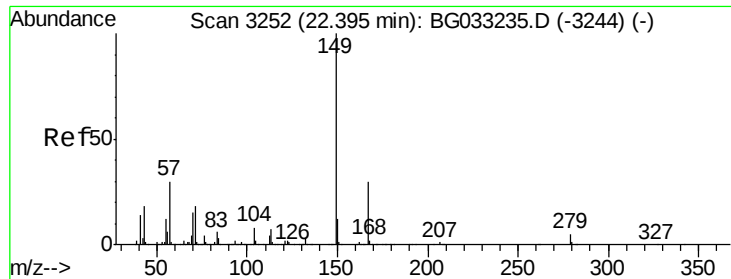
Tot Ion:252 Resp: 122076
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.8 76.2
 126 7.3 7.4 11.2#



#82
 Chrysene
 Concen: 48.830 ng
 RT: 22.66 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion:228 Resp: 1062679
 Ion Ratio Lower Upper
 228 100
 226 33.1 24.9 37.3
 229 20.6 15.0 22.4

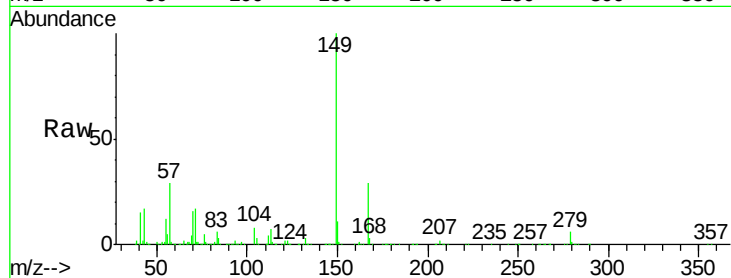




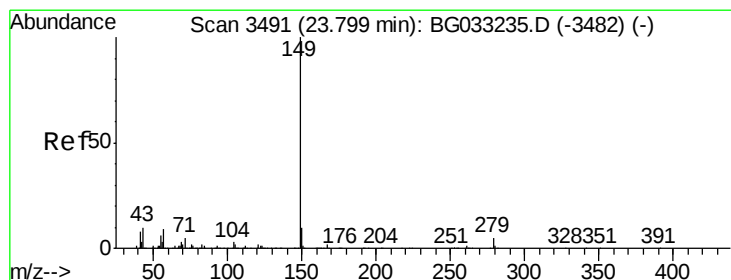
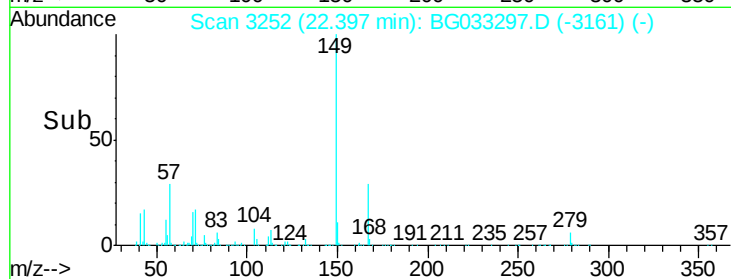
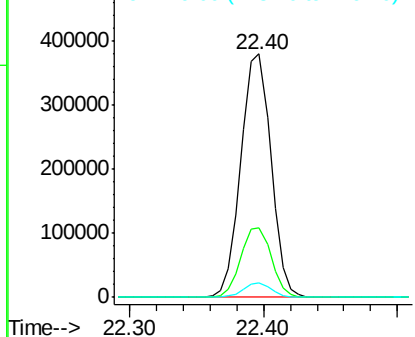
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.708 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 595444
 Ion Ratio Lower Upper
 149 100
 167 28.7 24.3 36.5
 279 5.7 4.0 6.0

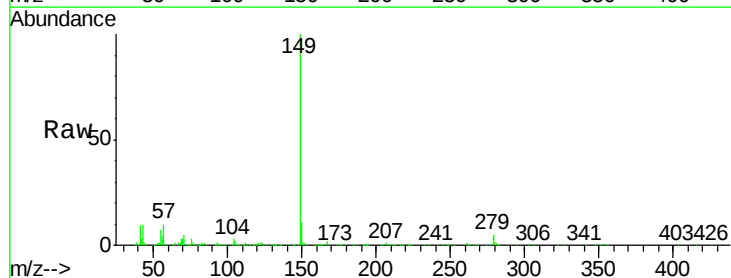


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

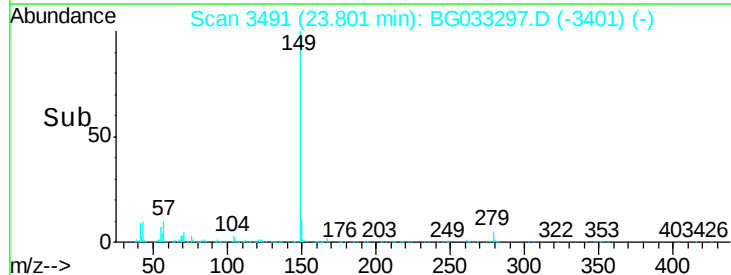
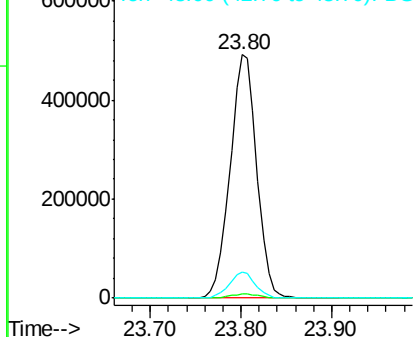


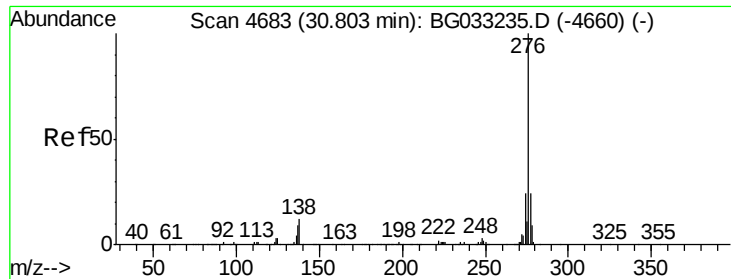
#84
 Di-n-octyl phthalate
 Concen: 54.550 ng
 RT: 23.80 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: BG033297.D
 Acq: 22 Mar 2018 16:42

Tgt Ion:149 Resp: 1000510
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 10.2 8.9 13.3



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): BGO

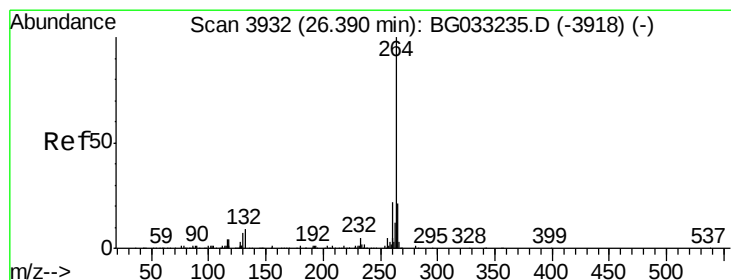
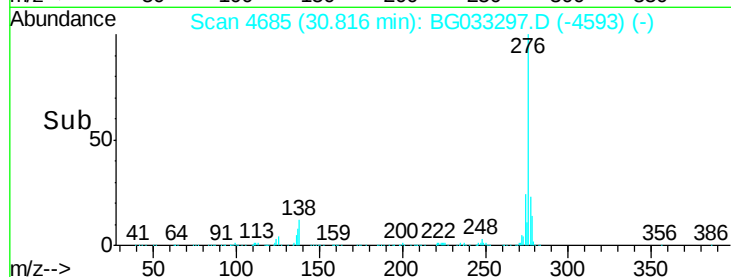
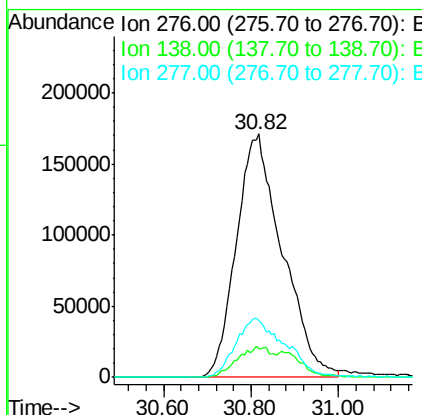
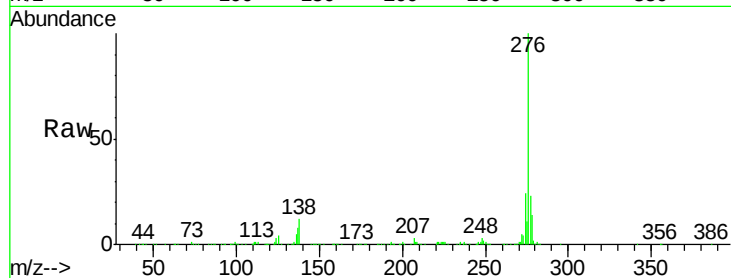




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.091 ng
RT: 30.82 min Scan# 4685
Delta R.T. 0.01 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

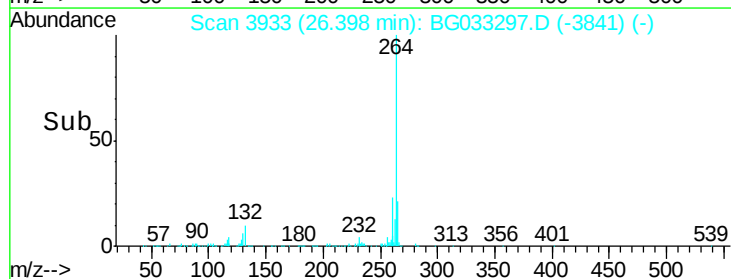
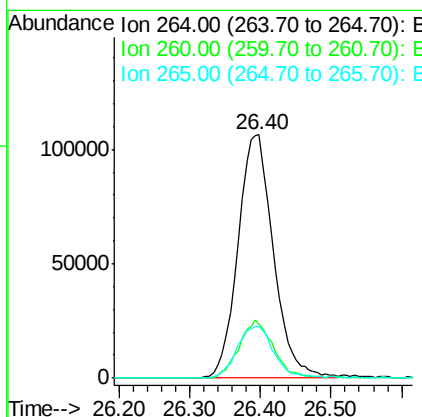
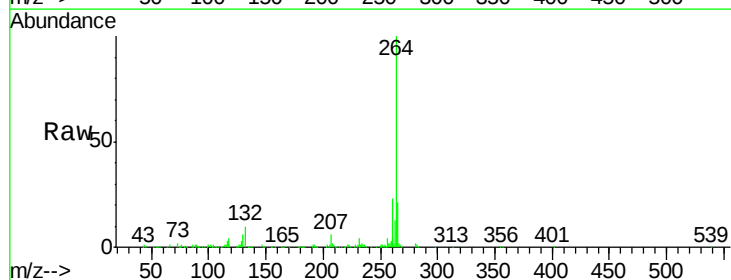
Instrument :
BNA_G
ClientSampleId :

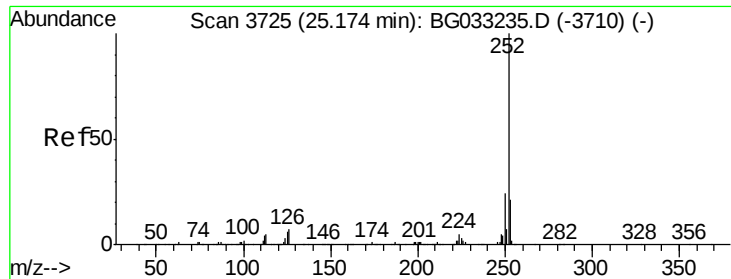
Tot Ion:276 Resp: 1225696
Ion Ratio Lower Upper
276 100
138 9.6 16.0 24.0#
277 25.9 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. 0.01 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:264 Resp: 372170
Ion Ratio Lower Upper
264 100
260 22.5 17.4 26.0
265 21.2 17.7 26.5

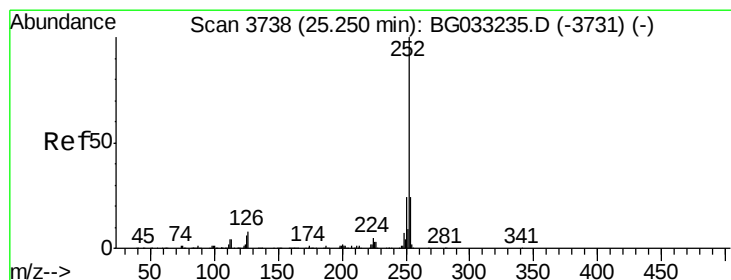
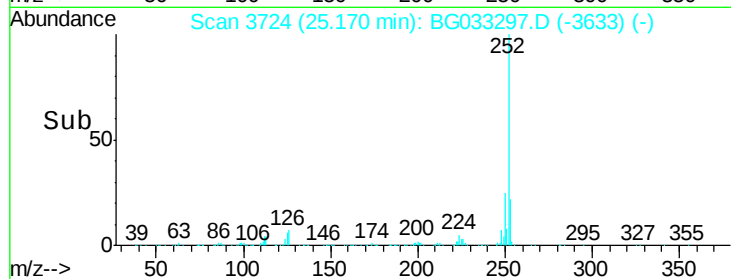
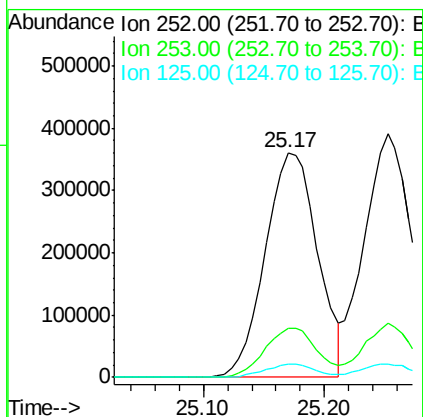
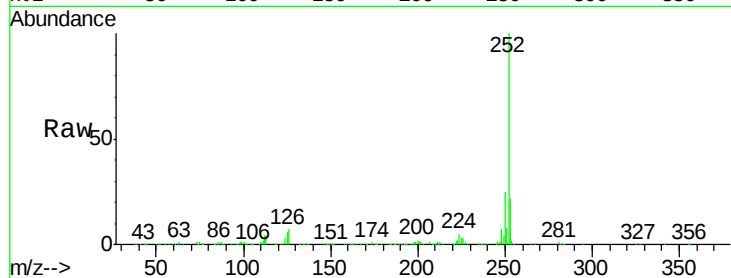




#87
Benzo(b)fluoranthene
Concen: 50.358 ng
RT: 25.17 min Scan# 3724
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

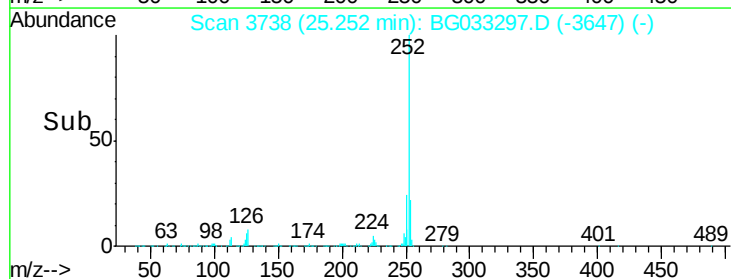
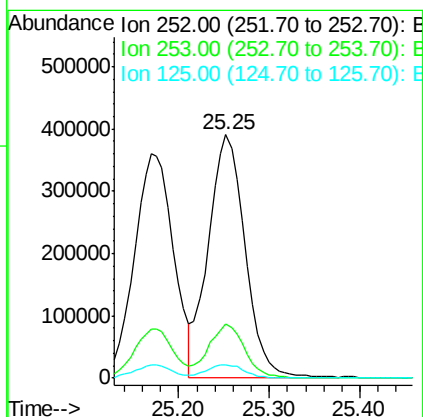
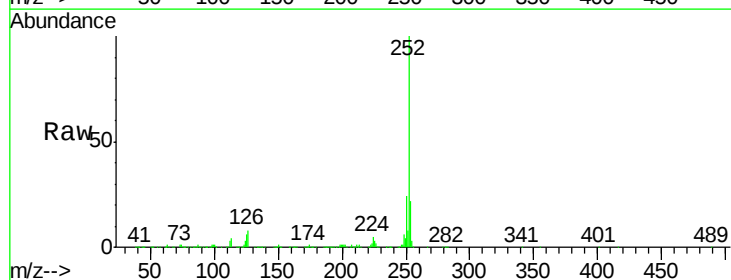
Instrument :
BNA_G
ClientSampleId :

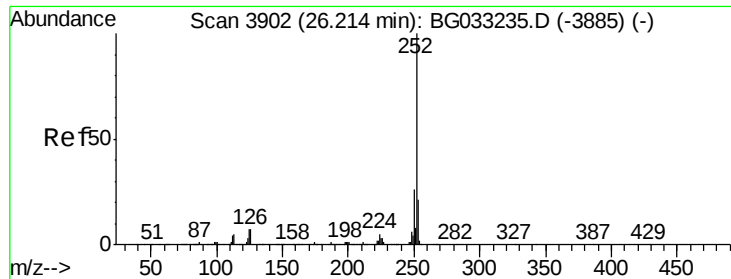
Tot Ion:252 Resp: 1082799
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 5.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 50.423 ng
RT: 25.25 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BG033297.D
Acq: 22 Mar 2018 16:42

Tgt Ion:252 Resp: 1096545
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 5.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 52.085 ng

RT: 26.22 min Scan# 3902

Delta R.T. 0.01 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

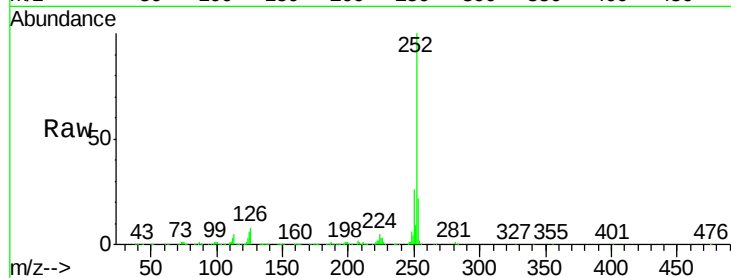
Tot Ion:252 Resp: 1075509

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

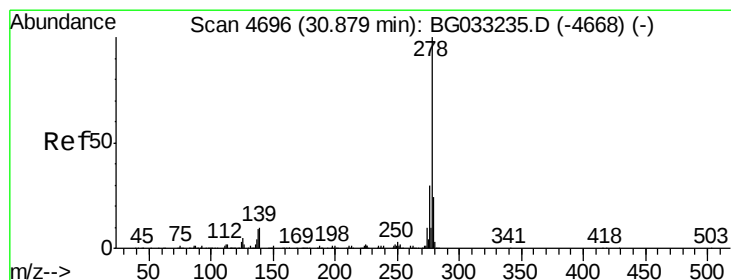
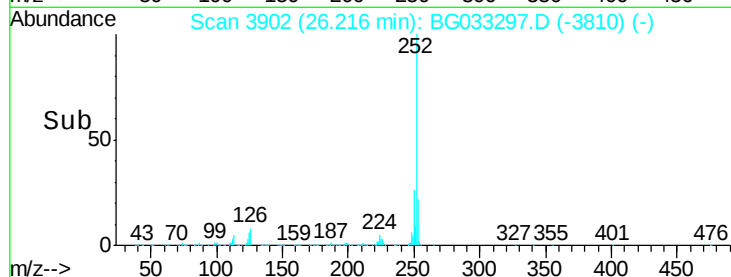
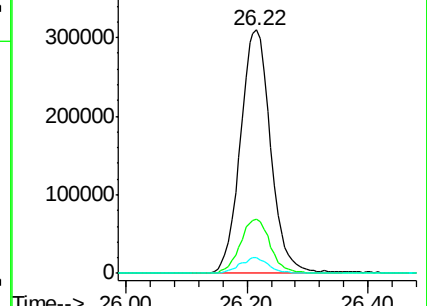
125 6.3 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 51.950 ng

RT: 30.89 min Scan# 4698

Delta R.T. 0.02 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

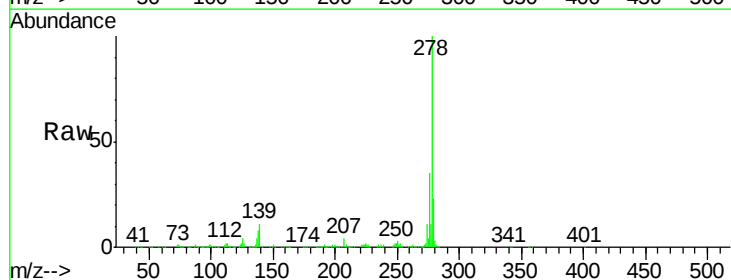
Tgt Ion:278 Resp: 1010455

Ion Ratio Lower Upper

278 100

139 10.5 9.8 14.6

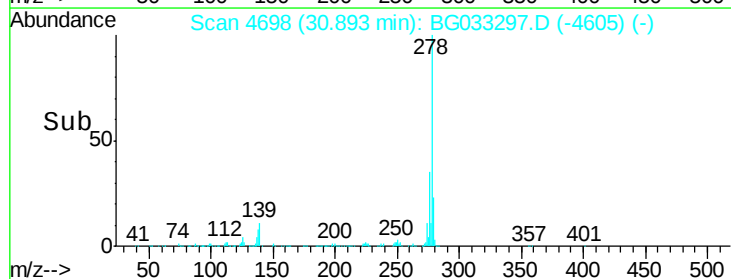
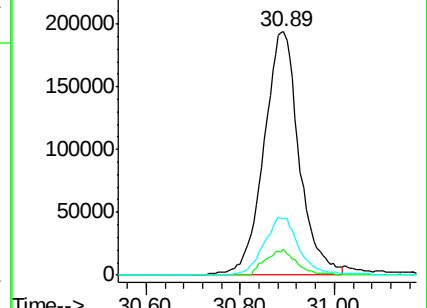
279 23.5 18.4 27.6

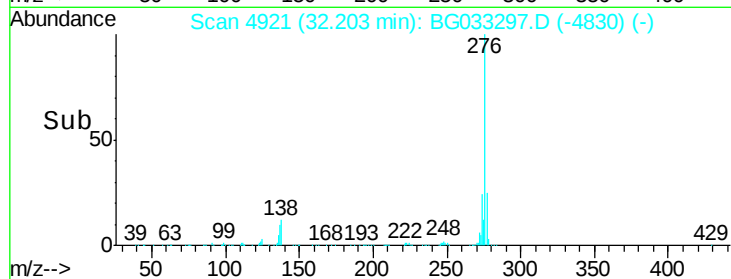
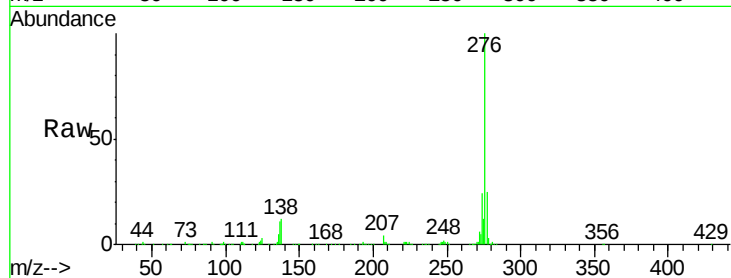
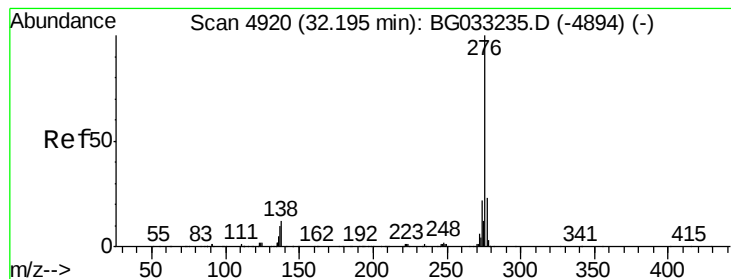


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 52.542 ng

RT: 32.20 min Scan# 4921

Delta R.T. 0.00 min

Lab File: BG033297.D

Acq: 22 Mar 2018 16:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1011987

Ion Ratio Lower Upper

276 100

277 25.2 18.3 27.5

138 11.9 13.9 20.9#

