

Data Path : U:\HPCHEM1\BNA G\DATA\BG012918\
 Data File : BG032411.D
 Acq On : 29 Jan 2018 12:29
 Operator : SJ/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 29 13:22:32 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 12:57:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	25882	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	117820	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	82603	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	218461	20.00	ng	0.00
75) Chrysene-d12	22.42	240	260304	20.00	ng	0.00
86) Perylene-d12	26.10	264	279625	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.15	112	136126	96.19	ng	0.00
7) Phenol-d6	7.84	99	186153	104.45	ng	0.00
23) Nitrobenzene-d5	9.92	82	188528	108.26	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	165694	121.22	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	702693	105.48	ng	0.00
78) Terphenyl-d14	20.63	244	1196297	101.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.81	88	21721	39.953	ng	# 71
3) Pyridine	4.27	79	63976	44.085	ng	# 84
4) n-Nitrosodimethylamine	4.18	42	33340	65.395	ng	# 71
6) Aniline	8.01	93	112090	49.861	ng	95
8) 2-Chlorophenol	8.27	128	82044	51.811	ng	# 80
9) Benzaldehyde	7.83	77	41812	40.490	ng	97
10) Phenol	7.86	94	86162	49.076	ng	94
11) bis(2-Chloroethyl)ether	8.11	93	67299	47.846	ng	# 82
12) 1,3-Dichlorobenzene	8.61	146	106481	51.378	ng	93
13) 1,4-Dichlorobenzene	8.76	146	108887	52.180	ng	93
14) 1,2-Dichlorobenzene	9.09	146	102529	50.799	ng	96
15) Benzyl Alcohol	8.96	79	74126	57.251	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.25	45	60846	42.566	ng	76
17) 2-Methylphenol	9.16	107	68406	50.983	ng	94
18) Hexachloroethane	9.85	117	35414	55.220	ng	# 82
19) n-Nitroso-di-n-propylamine	9.54	70	60851	55.027	ng	# 90
20) 3+4-Methylphenols	9.49	107	98829	53.170	ng	90
22) Acetophenone	9.57	105	135801	50.743	ng	# 93
24) Nitrobenzene	9.96	77	93915	54.064	ng	# 86
25) Isophorone	10.49	82	162974	50.258	ng	# 83
26) 2-Nitrophenol	10.69	139	55887	54.296	ng	# 83
27) 2,4-Dimethylphenol	10.72	122	78121	47.828	ng	95
28) bis(2-Chloroethoxy)methane	10.97	93	90374	46.257	ng	# 93
29) 2,4-Dichlorophenol	11.23	162	107311	53.393	ng	88
30) 1,2,4-Trichlorobenzene	11.46	180	136909	52.746	ng	95
31) Naphthalene	11.66	128	290973	49.854	ng	97
32) Benzoic acid	10.86	122	56932	47.465	ng	# 84
33) 4-Chloroaniline	11.75	127	130215	52.027	ng	94
34) Hexachlorobutadiene	11.92	225	106904	57.342	ng	96
35) Caprolactam	12.51	113	32097	52.641	ng	# 38
36) 4-Chloro-3-methylphenol	12.83	107	101323	55.078	ng	# 88
37) 2-Methylnaphthalene	13.22	142	237994	51.361	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.57	216	197153	54.755	ng	# 97
40) Hexachlorocyclopentadiene	13.55	237	129979	64.092	ng	88

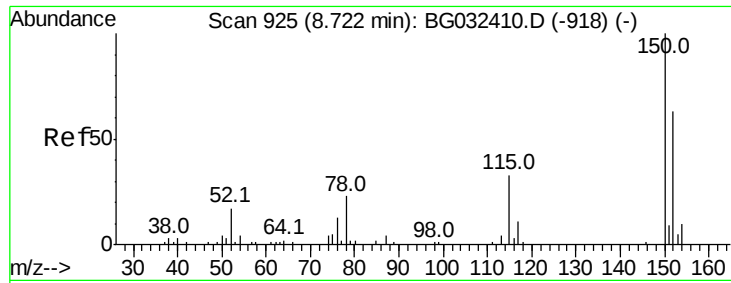
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	111606	55.165	nq	95
43) 2,4,5-Trichlorophenol	13.88	196	128338	54.804	nq #	91
45) 1,1'-Biphenyl	14.20	154	360576	50.919	nq	95
46) 2-Chloronaphthalene	14.25	162	281743	51.144	nq	97
47) 2-Nitroaniline	14.44	65	66357	62.921	nq #	79
48) Acenaphthylene	15.09	152	427796	50.996	nq	99
49) Dimethylphthalate	14.79	163	388010	53.678	nq #	98
50) 2,6-Dinitrotoluene	14.92	165	86590	57.712	nq #	74
51) Acenaphthene	15.42	154	303678	54.746	nq	99
52) 3-Nitroaniline	15.25	138	74722	55.141	nq #	71
53) 2,4-Dinitrophenol	15.45	184	51763	82.060	nq #	82
54) Dibenzofuran	15.75	168	434341	52.489	nq	99
55) 4-Nitrophenol	15.53	139	56969	57.686	nq #	75
56) 2,4-Dinitrotoluene	15.70	165	119815	59.315	nq #	67
57) Fluorene	16.40	166	359050	52.906	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	126964	58.608	nq #	85
59) Diethylphthalate	16.13	149	376056	53.664	nq	96
60) 4-Chlorophenyl-phenylether	16.37	204	228501	54.887	nq	94
61) 4-Nitroaniline	16.41	138	78014	60.015	nq	81
62) Azobenzene	16.67	77	228879	52.183	nq	84
64) 4,6-Dinitro-2-methylphenol	16.46	198	86801	66.771	nq #	64
65) n-Nitrosodiphenylamine	16.59	169	330597	49.871	nq	99
66) 4-Bromophenyl-phenylether	17.27	248	169561	54.551	nq	95
67) Hexachlorobenzene	17.40	284	183219	53.279	nq #	91
68) Atrazine	17.51	200	141172	50.639	nq	95
69) Pentachlorophenol	17.73	266	122181	55.586	nq	99
70) Phenanthrene	18.13	178	613652	50.452	nq	99
71) Anthracene	18.23	178	621183	51.205	nq	98
72) Carbazole	18.48	167	537018	51.029	nq	98
73) Di-n-butylphthalate	18.99	149	607331	48.839	nq	99
74) Fluoranthene	20.10	202	789076	51.815	nq	95
76) Benzidine	20.26	184	266083	40.878	nq	98
77) Pyrene	20.46	202	794530	48.554	nq	100
79) Butylbenzylphthalate	21.31	149	264770	45.160	nq #	77
80) Benzo(a)anthracene	22.40	228	809623	50.012	nq	99
81) 3,3'-Dichlorobenzidine	22.29	252	312358	51.652	nq #	97
82) Chrysene	22.48	228	781888	50.292	nq	99
83) Bis(2-ethylhexyl)phthalate	22.24	149	374212	43.526	nq #	98
84) Di-n-octyl phthalate	23.61	149	598533	43.833	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.38	276	1031438	54.212	nq #	84
87) Benzo(b)fluoranthene	24.92	252	851174	50.360	nq #	95
88) Benzo(k)fluoranthene	25.00	252	855503	51.799	nq #	95
89) Benzo(a)pyrene	25.93	252	827340	51.746	nq #	96
90) Dibenzo(a,h)anthracene	30.45	278	856963	55.621	nq #	94
91) Benzo(g,h,i)perylene	31.73	276	843102	53.539	nq #	91

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

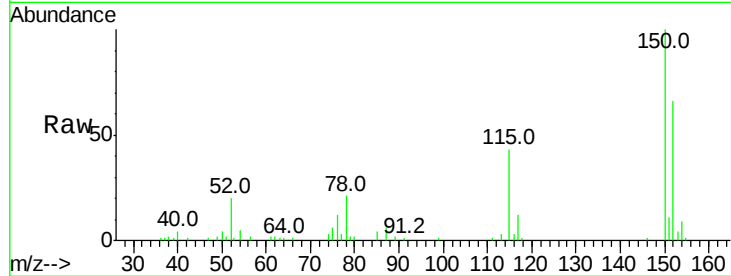


#1

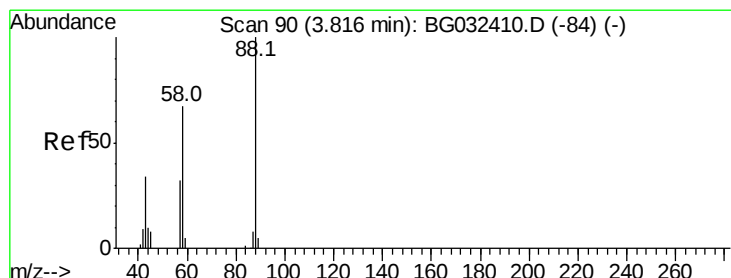
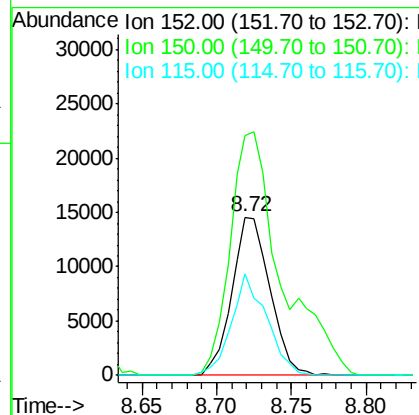
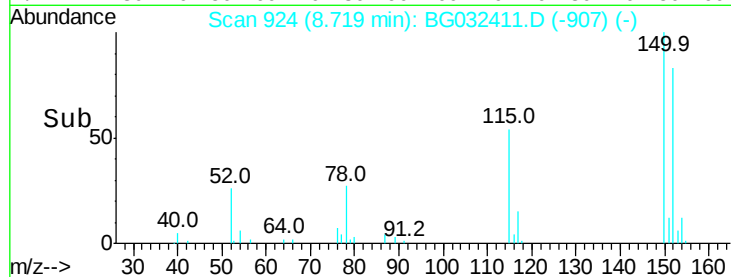
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 25882
Ion Ratio Lower Upper
152 100
150 151.8 126.6 189.8
115 64.6 53.0 79.4



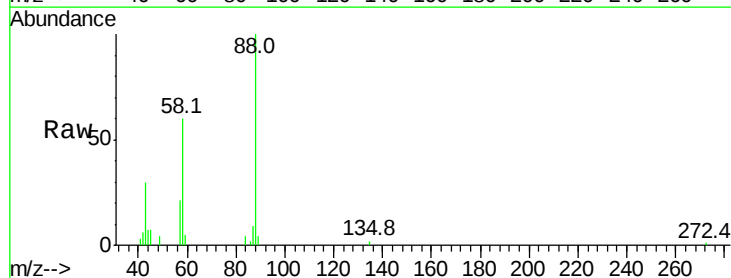
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



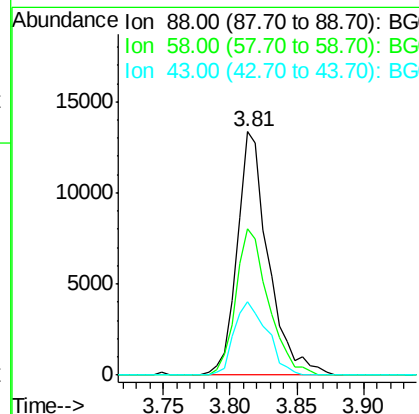
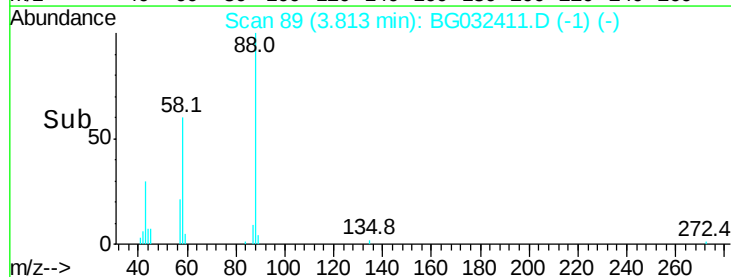
#2

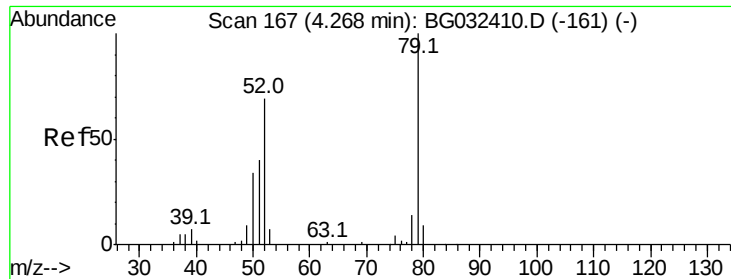
1,4-Dioxane
Concen: 39.953 ng
RT: 3.81 min Scan# 89
Delta R.T. -0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion: 88 Resp: 21721
Ion Ratio Lower Upper
88 100
58 62.8 79.6 119.4#
43 31.6 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: 44.085 ng

RT: 4.27 min Scan# 166

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

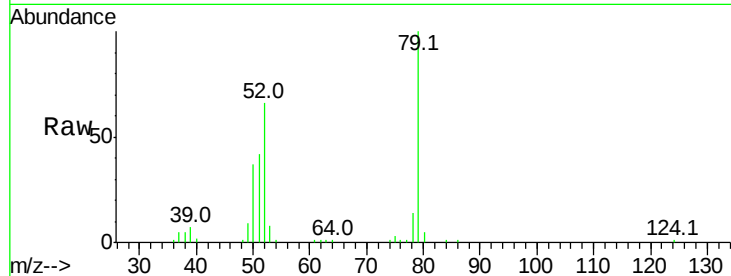
Tot Ion: 79 Resp: 63976

Ion Ratio Lower Upper

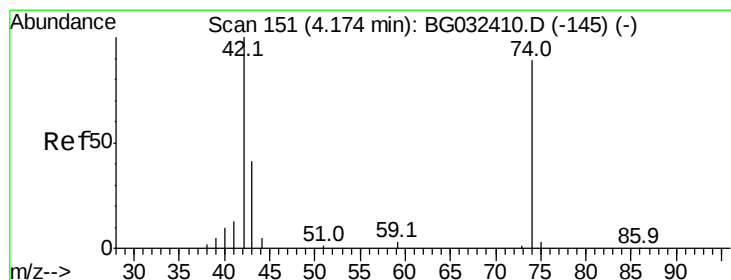
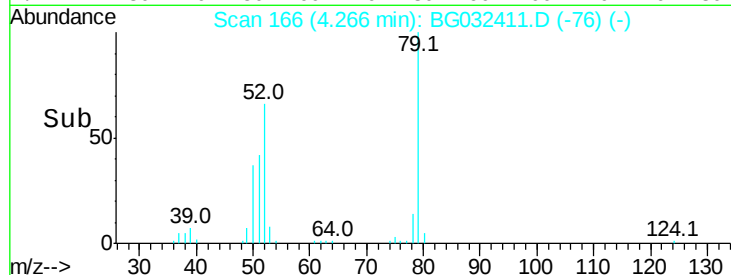
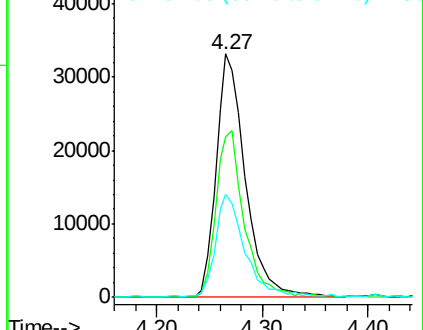
79 100

52 65.9 69.9 104.9#

51 42.2 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: 65.395 ng

RT: 4.18 min Scan# 151

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

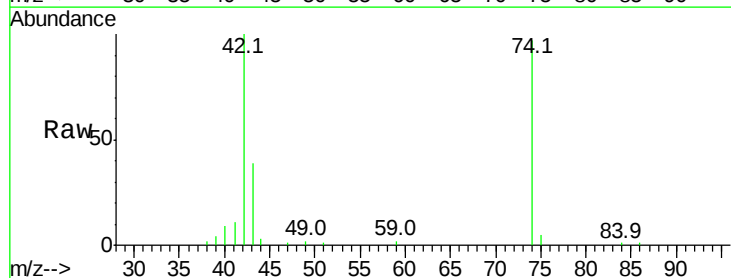
Tgt Ion: 42 Resp: 33340

Ion Ratio Lower Upper

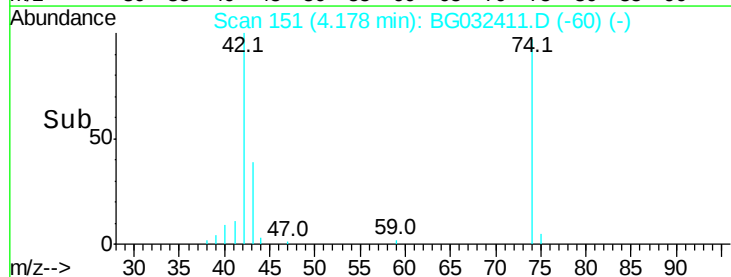
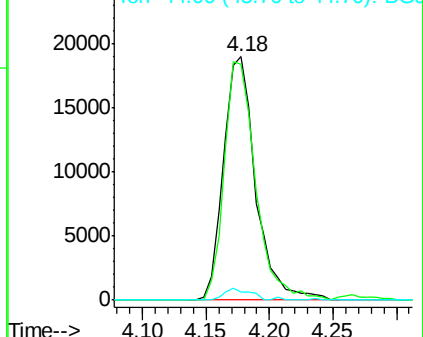
42 100

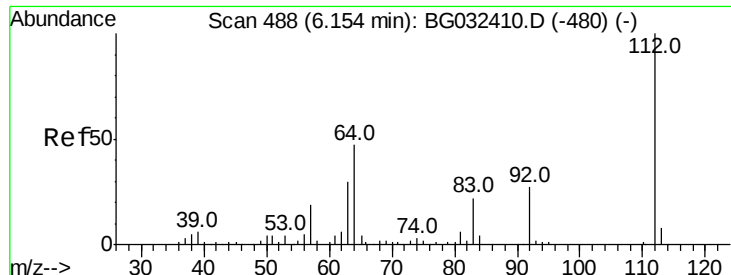
74 96.8 102.5 153.7#

44 3.5 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: 96.192 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampled :

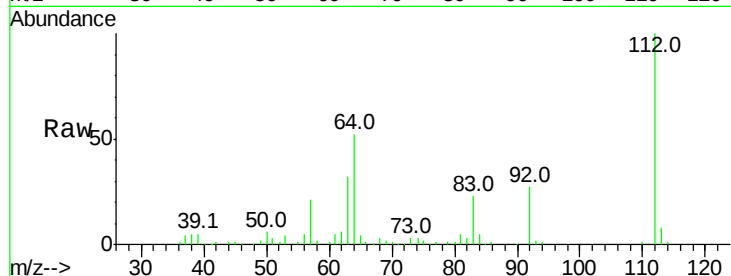
Tot Ion:112 Resp: 136126

Ion Ratio Lower Upper

112 100

64 52.1 56.3 84.5#

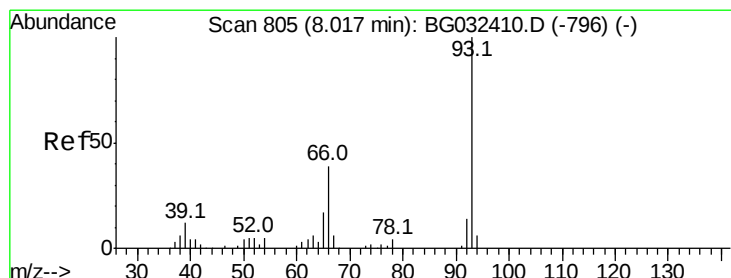
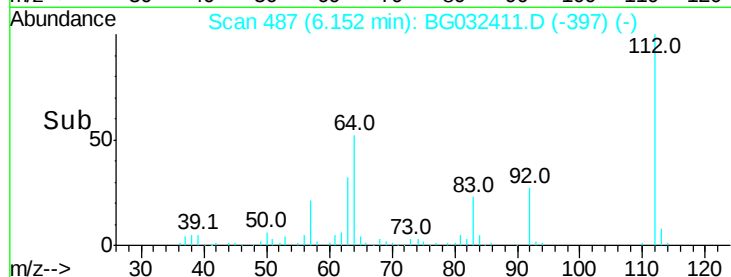
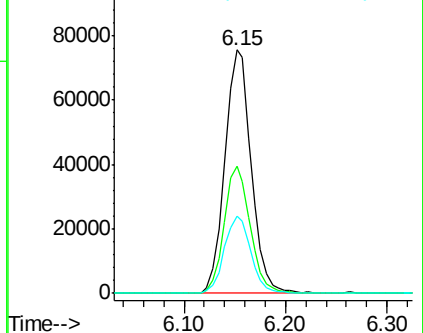
63 31.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 49.861 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

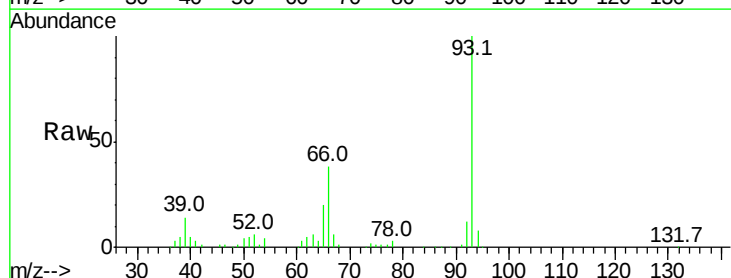
Tgt Ion: 93 Resp: 112090

Ion Ratio Lower Upper

93 100

66 37.7 33.7 50.5

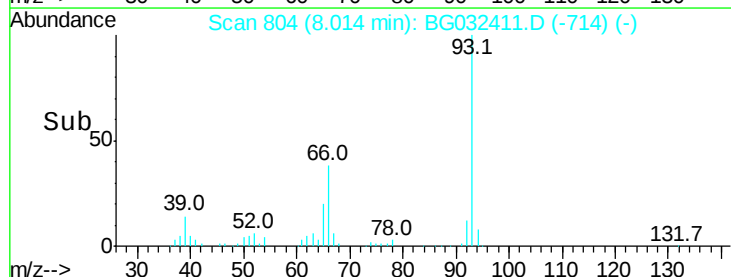
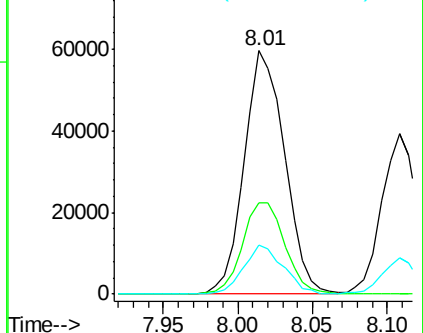
65 19.9 16.1 24.1

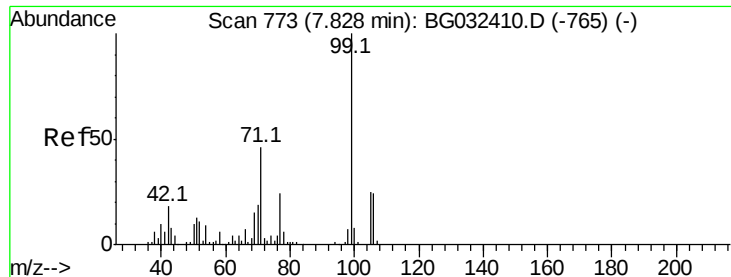


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.446 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

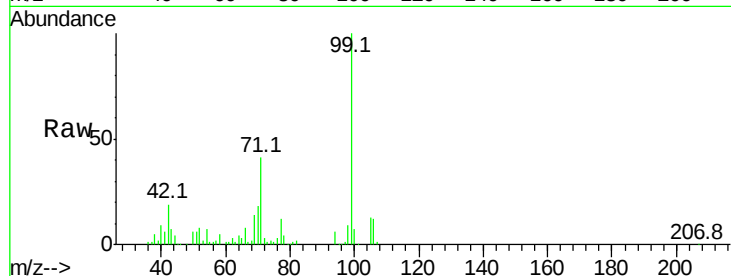
Tot Ion: 99 Resp: 186153

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

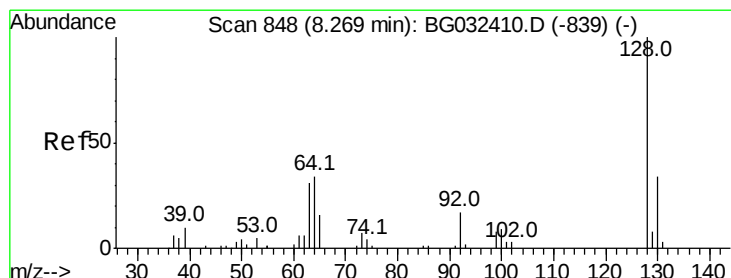
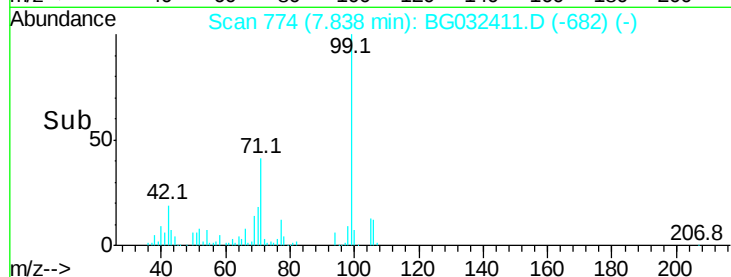
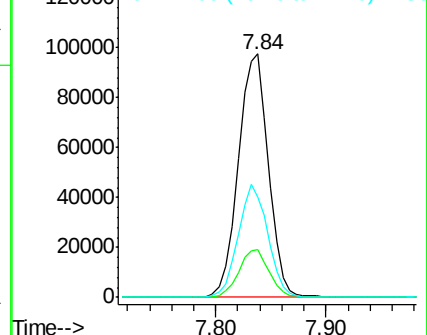
71 41.4 26.1 39.1#



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: 51.811 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

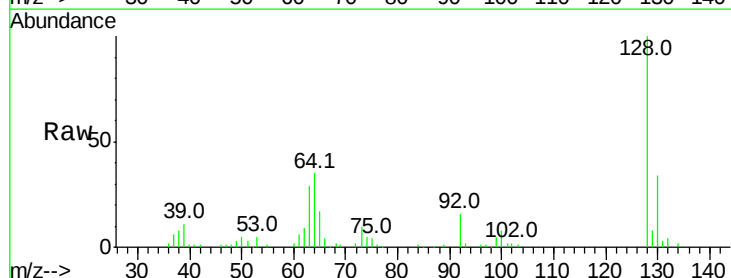
Tgt Ion:128 Resp: 82044

Ion Ratio Lower Upper

128 100

130 34.3 14.0 54.0

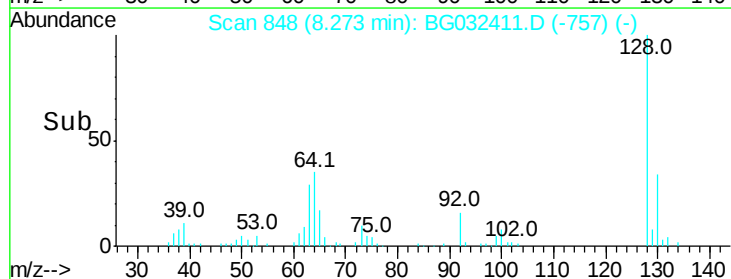
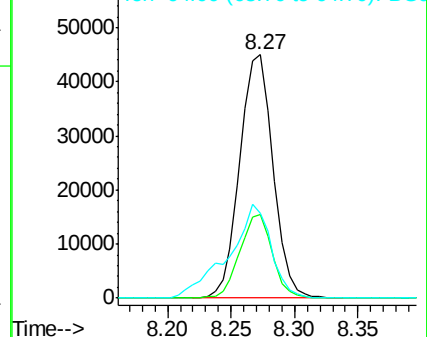
64 34.6 37.7 77.7#

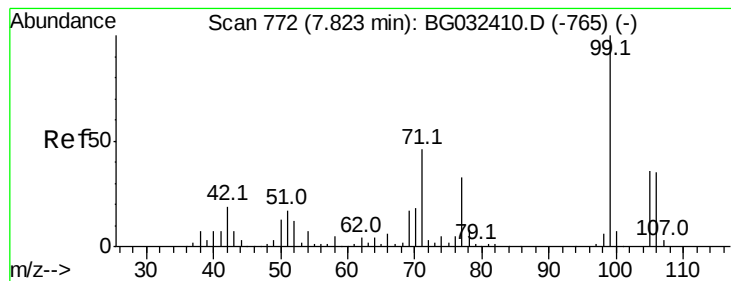


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 40.490 ng

RT: 7.83 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

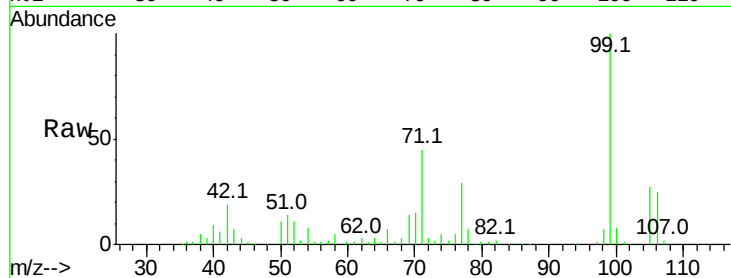
Tot Ion: 77 Resp: 41812

Ion Ratio Lower Upper

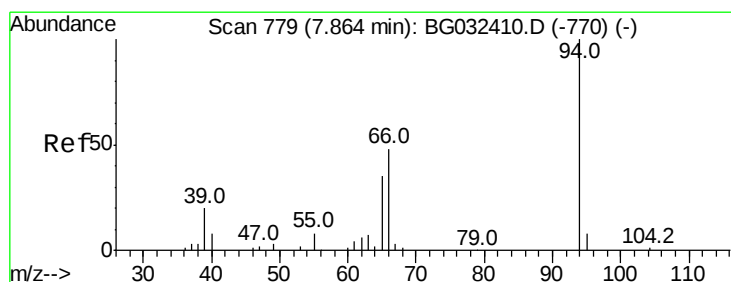
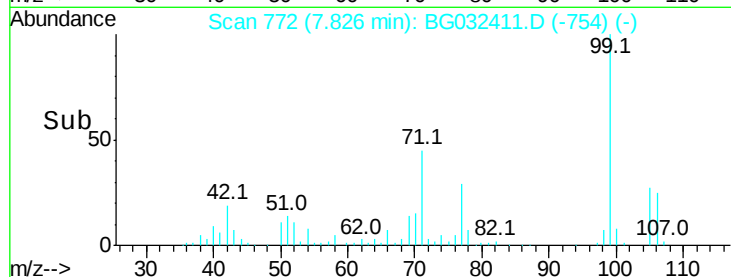
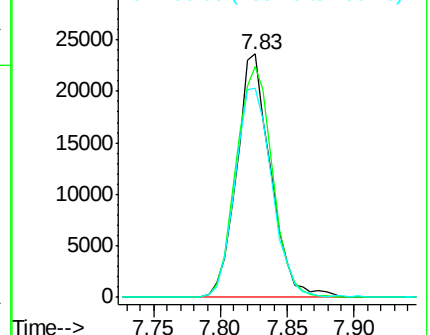
77 100

105 94.9 71.3 111.3

106 85.7 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: 49.076 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

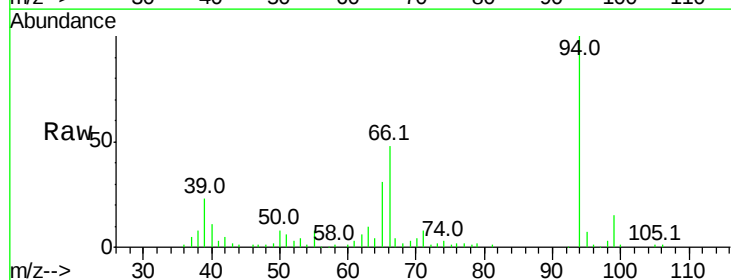
Tgt Ion: 94 Resp: 86162

Ion Ratio Lower Upper

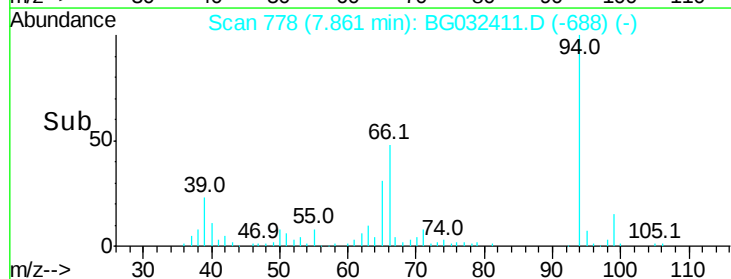
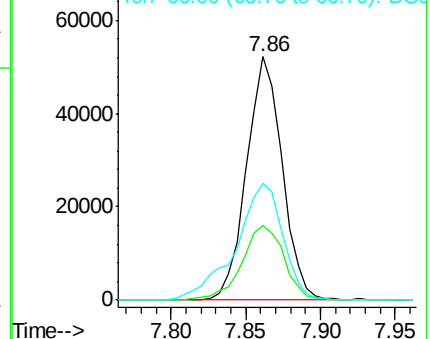
94 100

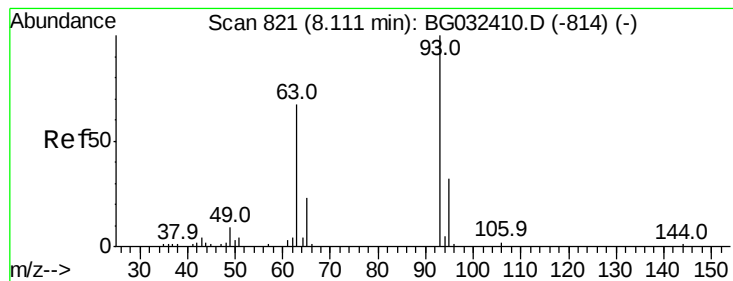
65 30.8 11.9 51.9

66 48.0 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

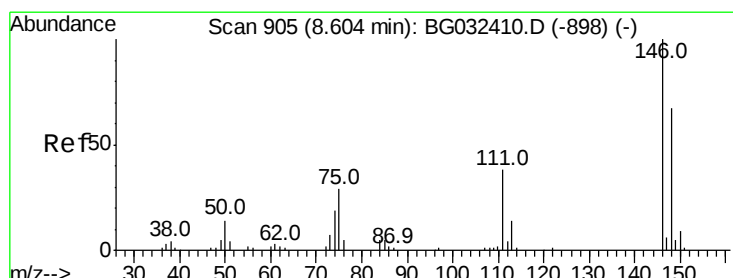
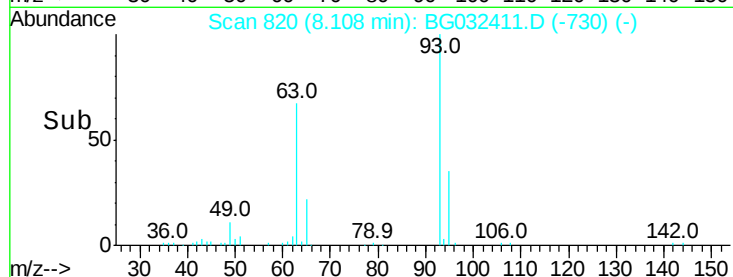
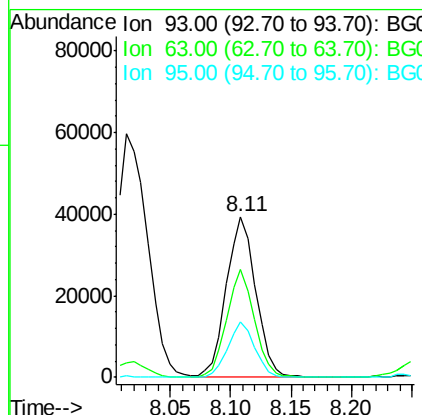
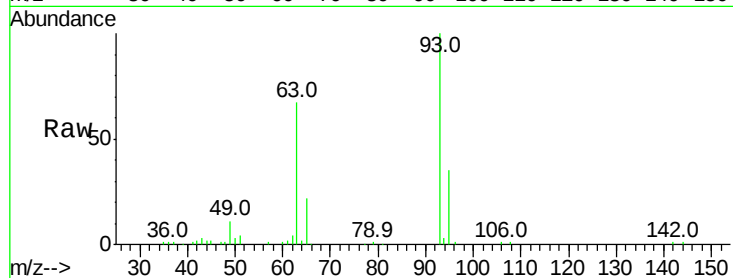




#11
 bis(2-Chloroethyl)ether
 Concen: 47.846 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

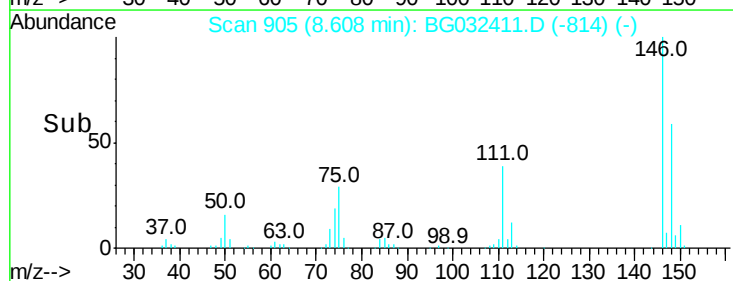
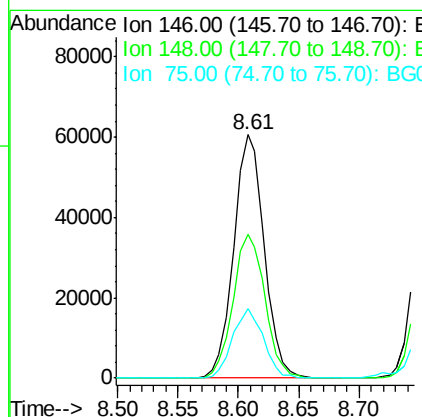
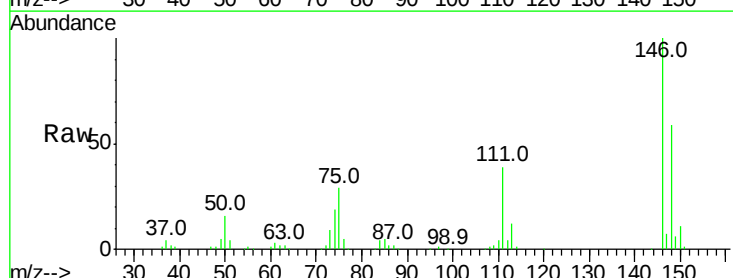
Instrument :
 BNA_G
 ClientSampleId :

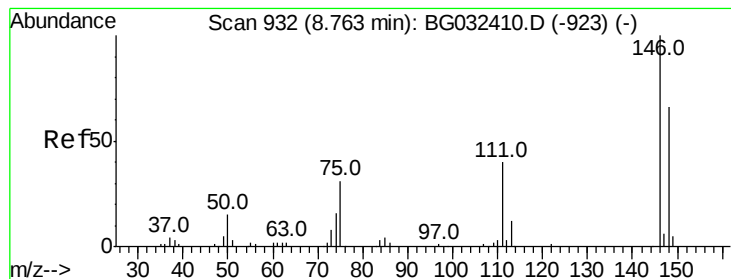
Tot Ion: 93 Resp: 67299
 Ion Ratio Lower Upper
 93 100
 63 66.7 67.1 107.1#
 95 34.8 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 51.378 ng
 RT: 8.61 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion: 146 Resp: 106481
 Ion Ratio Lower Upper
 146 100
 148 59.0 51.4 77.2
 75 28.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 52.180 ng

RT: 8.76 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

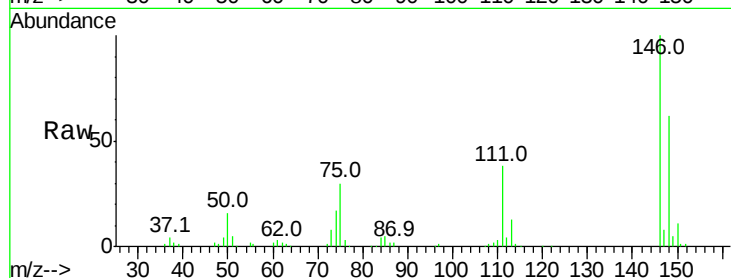
Tot Ion:146 Resp: 108887

Ion Ratio Lower Upper

146 100

148 62.5 53.7 80.5

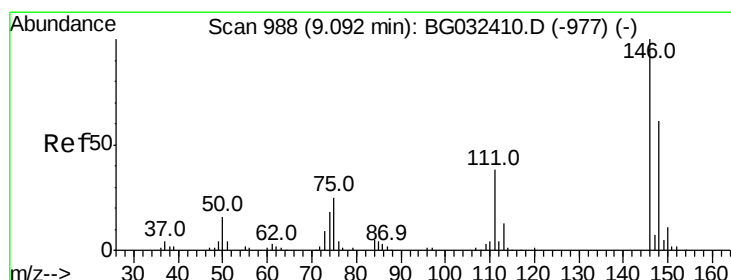
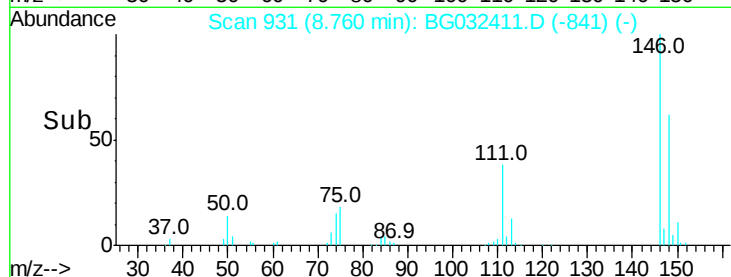
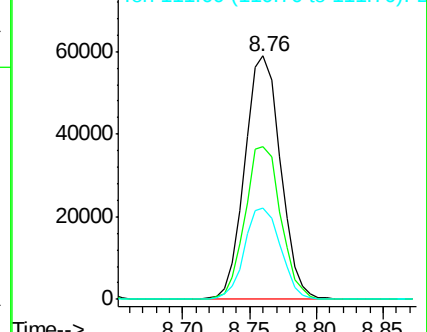
111 37.6 35.2 52.8



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: 50.799 ng

RT: 9.09 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

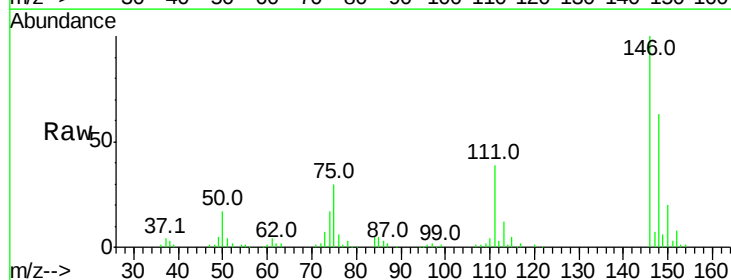
Tgt Ion:146 Resp: 102529

Ion Ratio Lower Upper

146 100

148 62.8 49.3 73.9

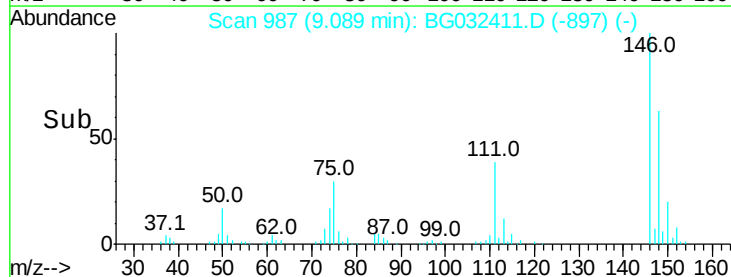
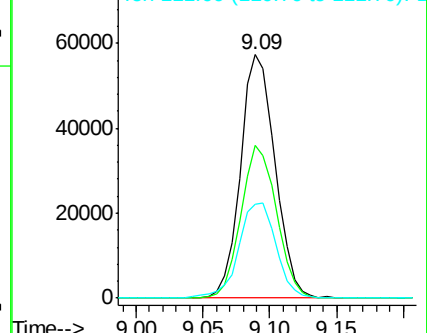
111 38.7 34.3 51.5



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: 57.251 ng

RT: 8.96 min Scan# 965

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

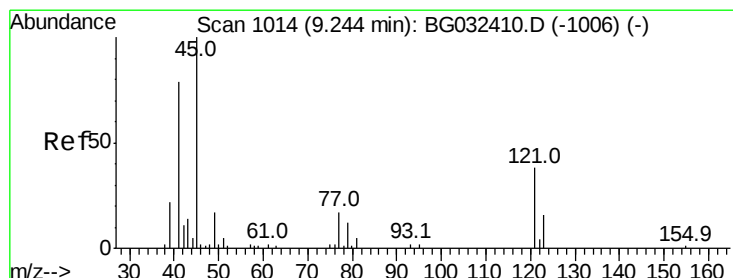
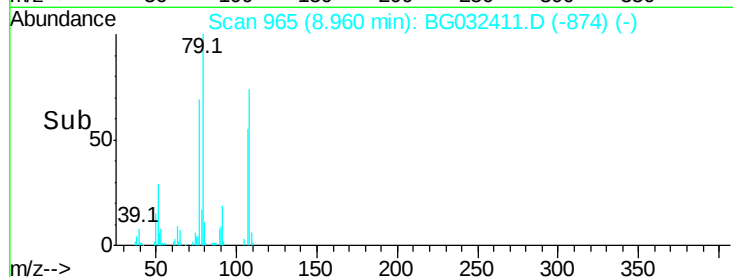
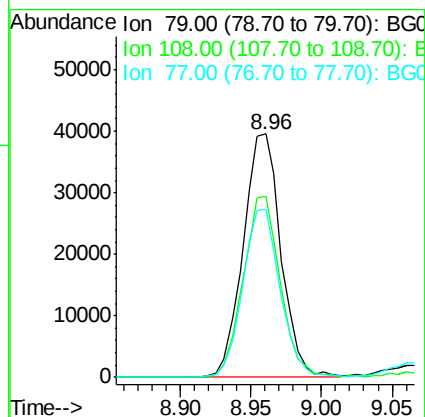
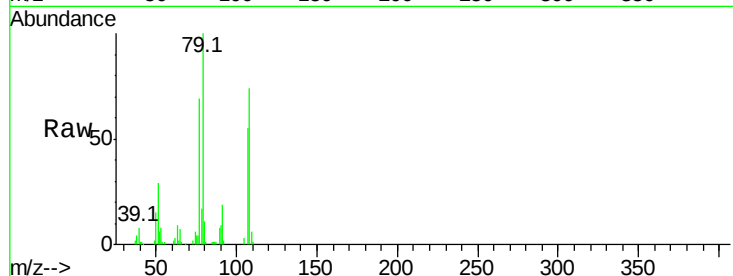
Tot Ion: 79 Resp: 74126

Ion Ratio Lower Upper

79 100

108 74.3 57.2 85.8

77 68.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.566 ng

RT: 9.25 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

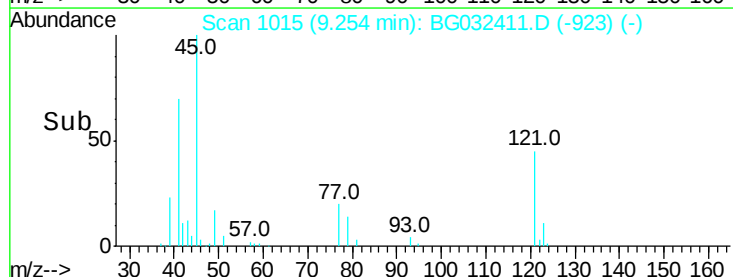
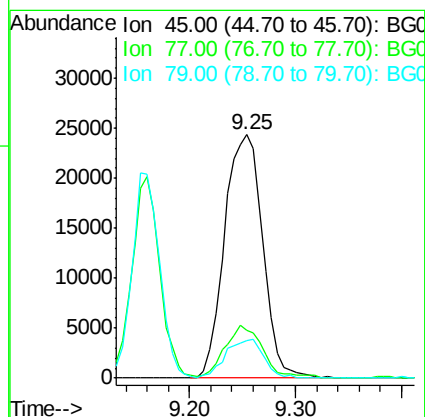
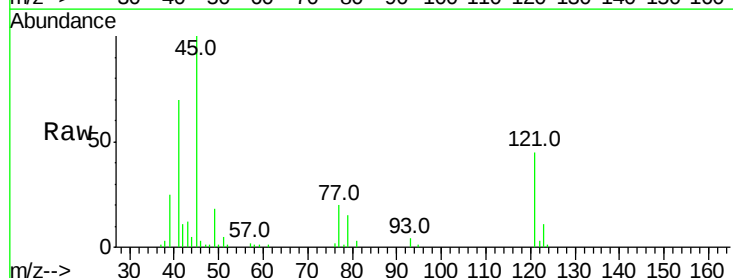
Tgt Ion: 45 Resp: 60846

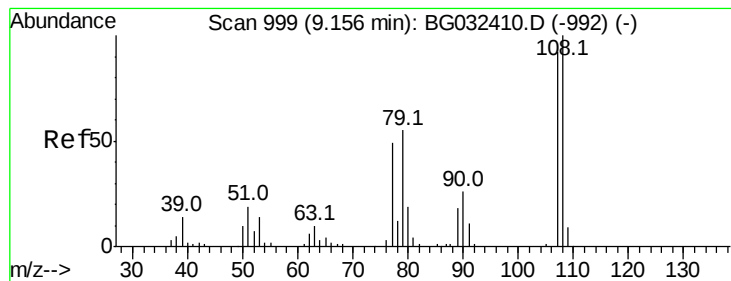
Ion Ratio Lower Upper

45 100

77 19.6 0.0 30.2

79 15.5 0.0 27.9

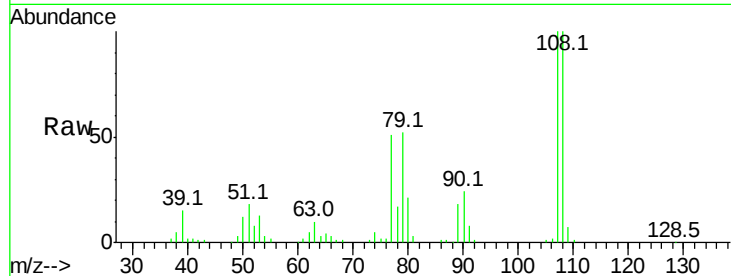




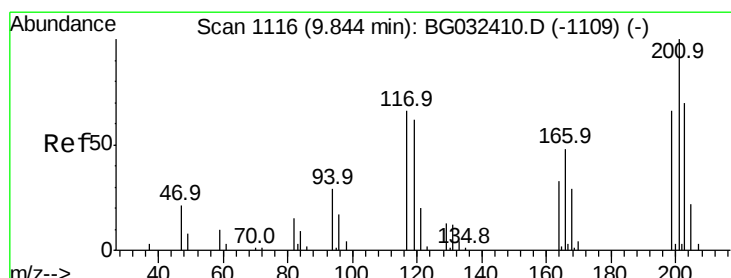
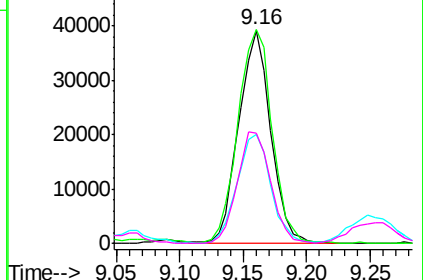
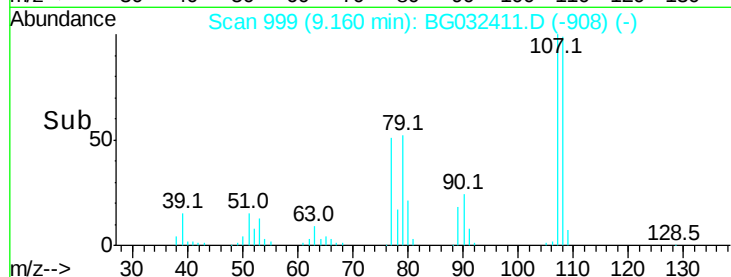
#17
2-Methylphenol
Concen: 50.983 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 68406
Ion Ratio Lower Upper
107 100
108 100.3 83.9 125.9
77 51.3 37.2 55.8
79 51.9 36.2 54.2

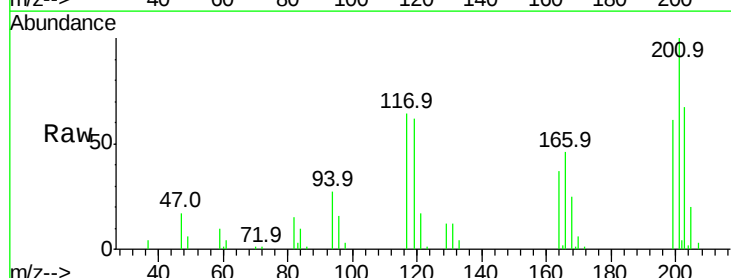


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

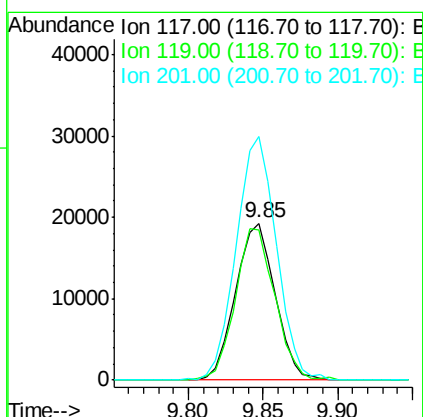
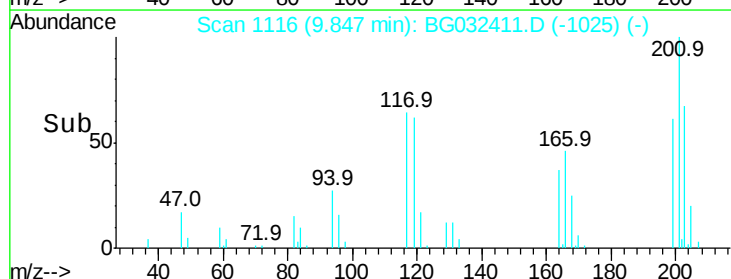


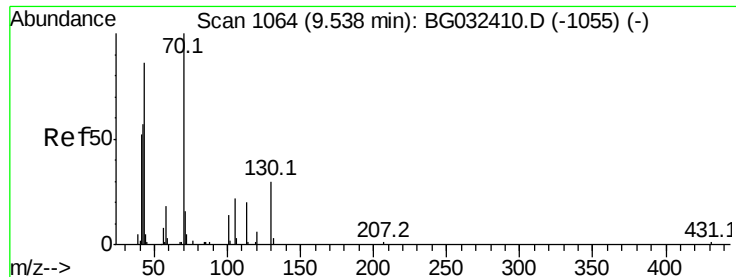
#18
Hexachloroethane
Concen: 55.220 ng
RT: 9.85 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion:117 Resp: 35414
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
201 155.4 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

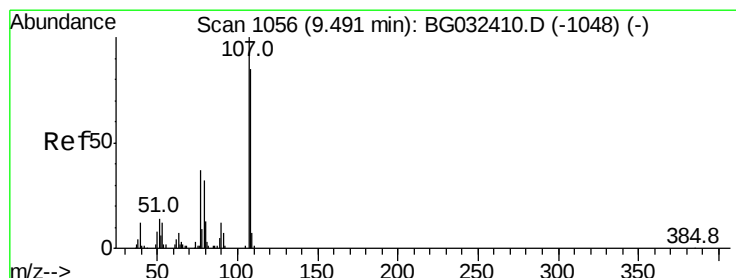
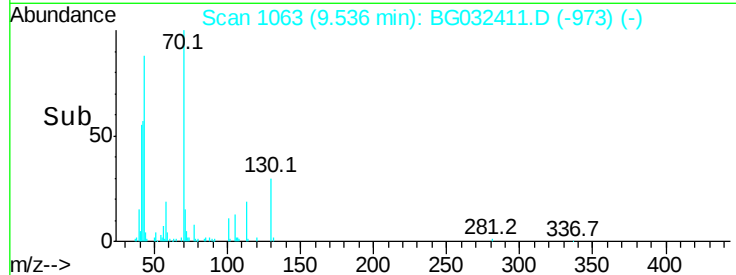
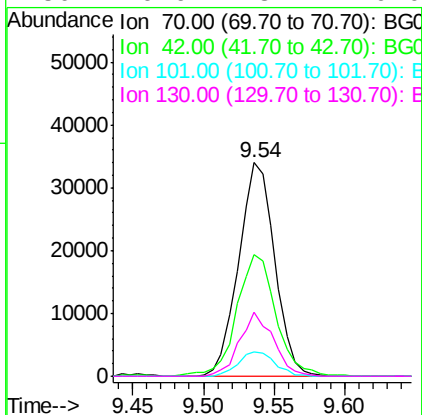
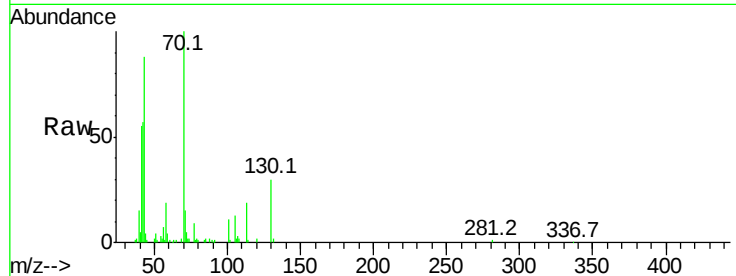




#19
n-Nitroso-di-n-propylamine
Concen: 55.027 ng
RT: 9.54 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

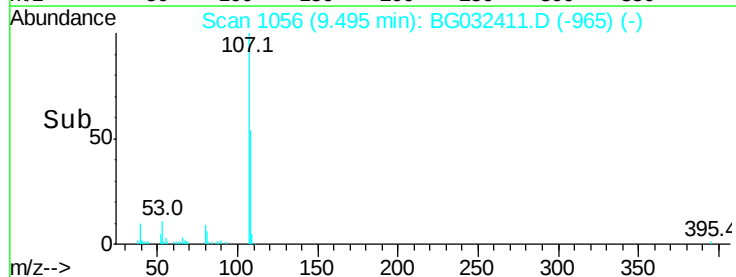
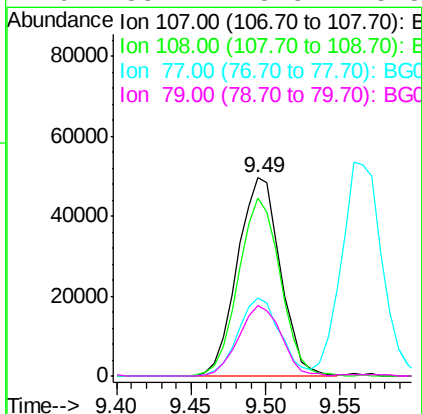
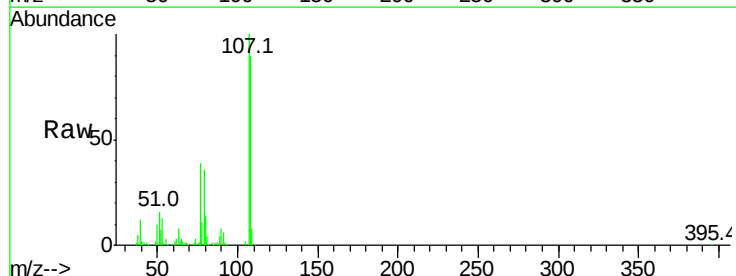
Instrument :
BNA_G
ClientSampleId :

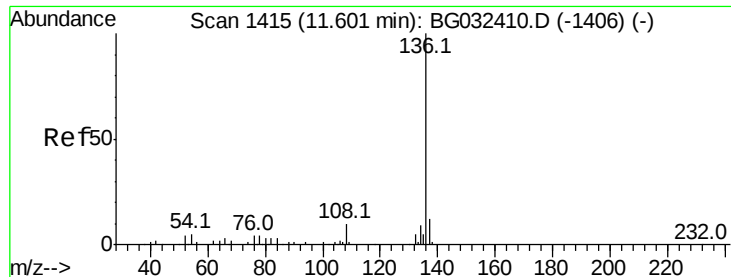
Tot Ion: 70 Resp: 60851
Ion Ratio Lower Upper
70 100
42 56.8 49.1 73.7
101 11.5 8.5 12.7
130 29.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 53.170 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion: 107 Resp: 98829
Ion Ratio Lower Upper
107 100
108 89.5 61.6 101.6
77 39.1 13.9 53.9
79 35.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 117820

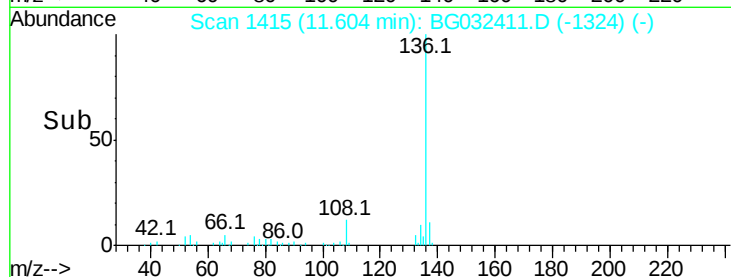
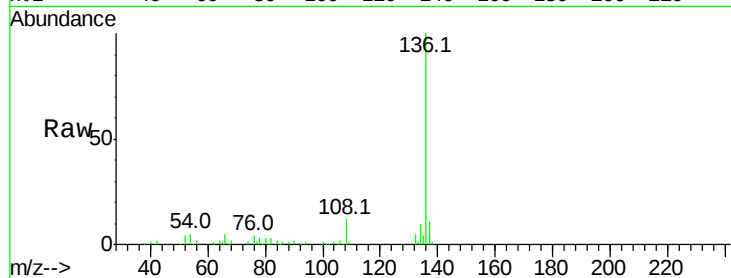
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 4.8 10.3 15.5#

68 2.4 4.5 6.7#

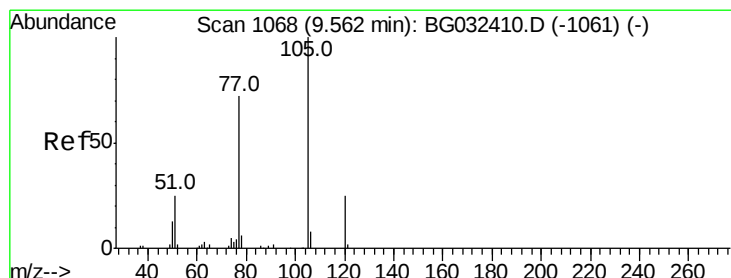
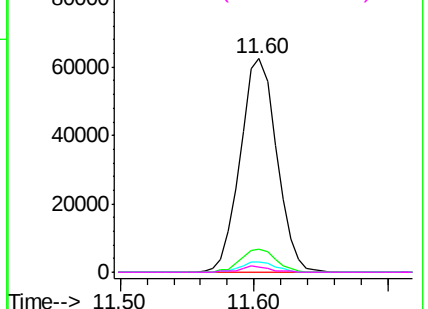


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 50.743 ng

RT: 9.57 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Tgt Ion:105 Resp: 135801

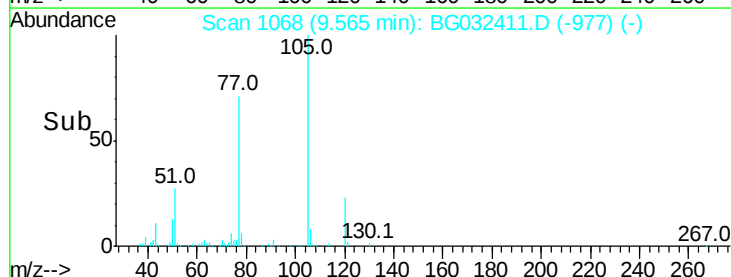
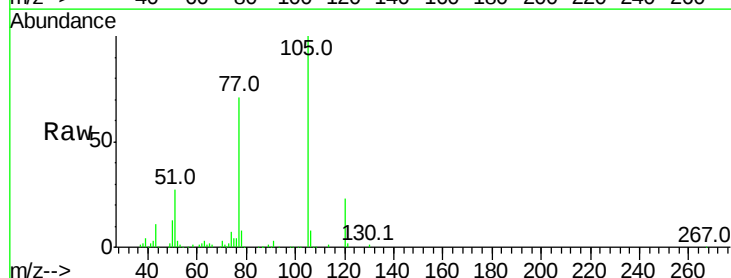
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 26.8 26.1 39.1

120 23.0 17.4 26.2

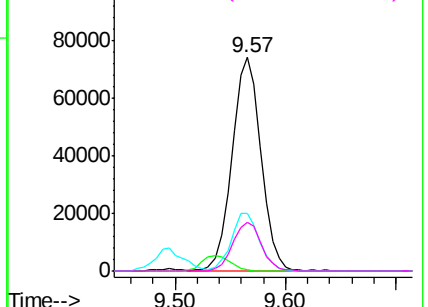


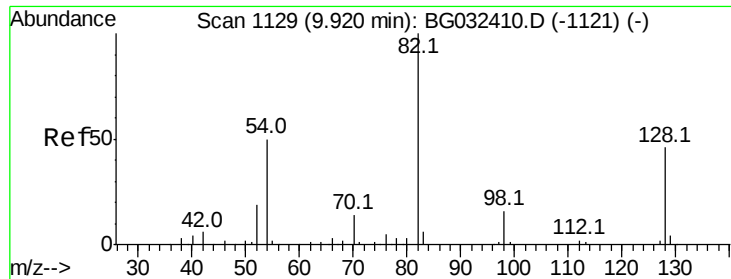
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

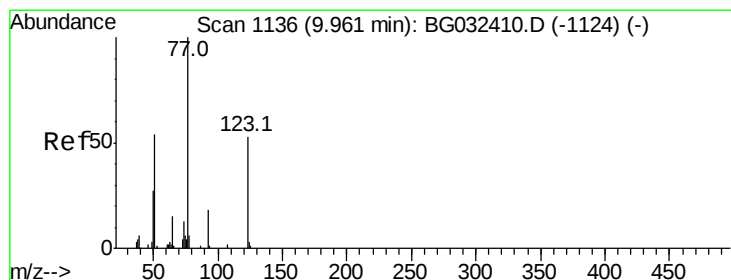
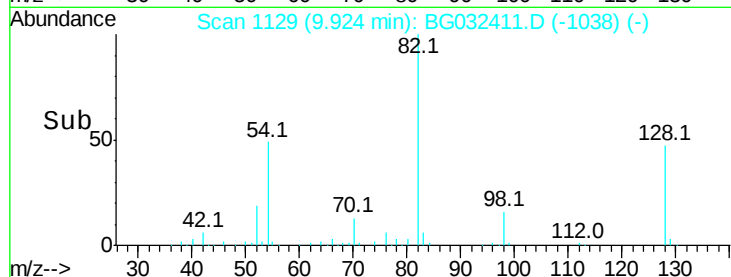
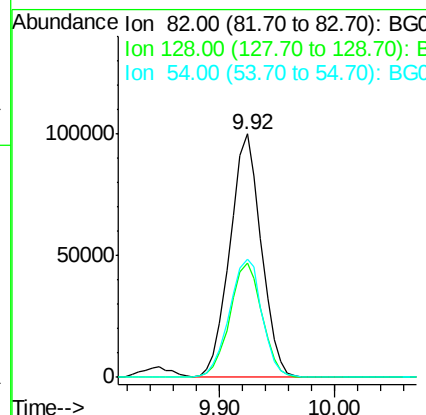
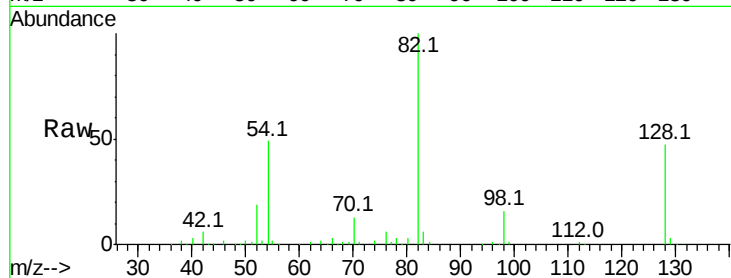




#23
 Nitrobenzene-d5
 Concen: 108.256 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

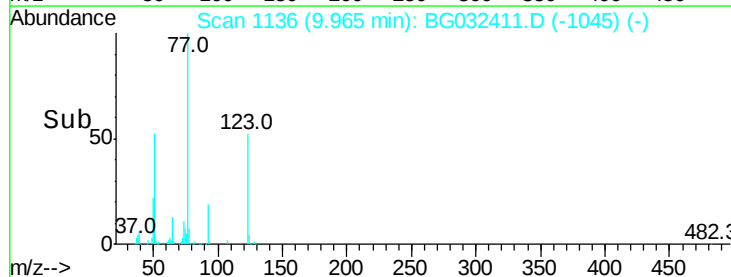
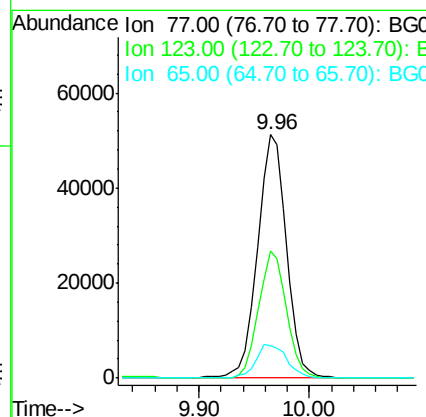
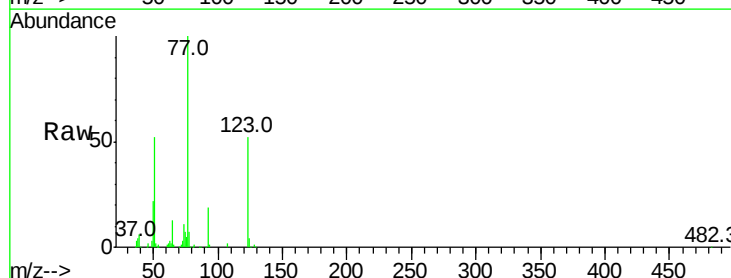
Instrument :
 BNA_G
 ClientSampleId :

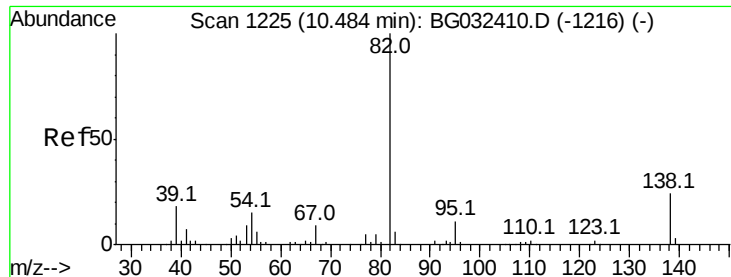
Tot Ion: 82 Resp: 188528
 Ion Ratio Lower Upper
 82 100
 128 46.9 29.7 44.5#
 54 48.5 43.1 64.7



#24
 Nitrobenzene
 Concen: 54.064 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion: 77 Resp: 93915
 Ion Ratio Lower Upper
 77 100
 123 52.1 33.0 49.6#
 65 13.4 13.0 19.6





#25

Isophorone

Concen: 50.258 ng

RT: 10.49 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

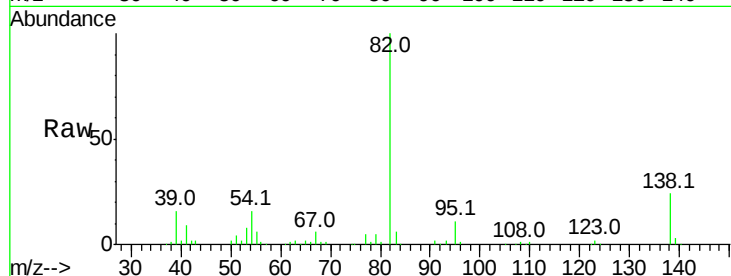
Tot Ion: 82 Resp: 162974

Ion Ratio Lower Upper

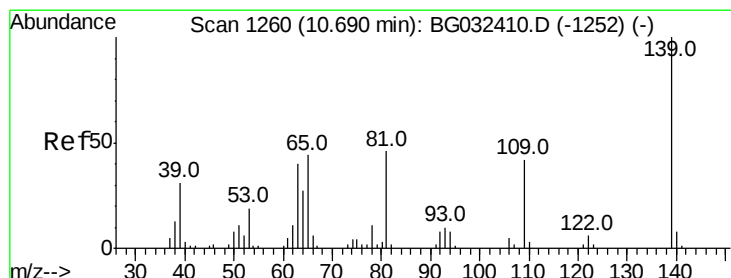
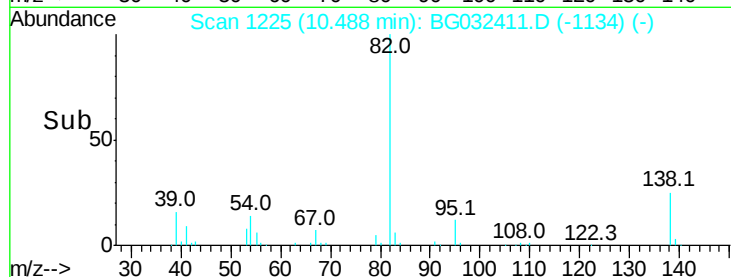
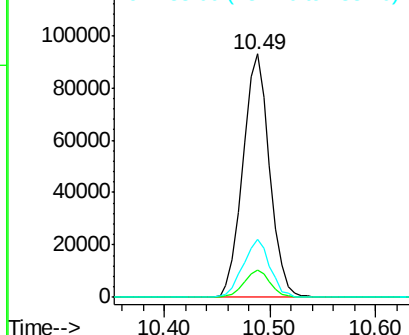
82 100

95 11.4 6.2 9.2#

138 23.6 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 54.296 ng

RT: 10.69 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

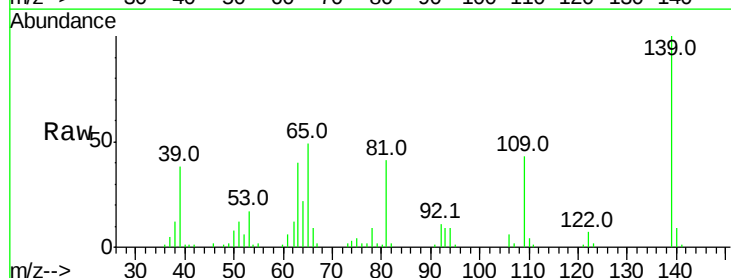
Tgt Ion:139 Resp: 55887

Ion Ratio Lower Upper

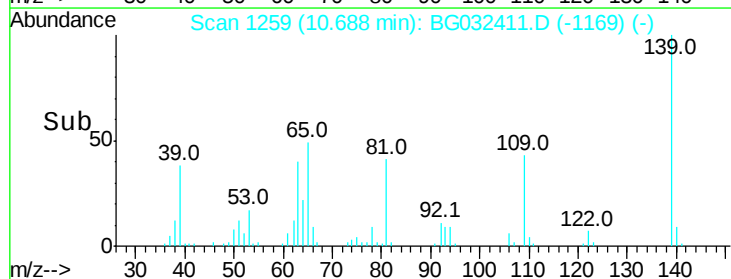
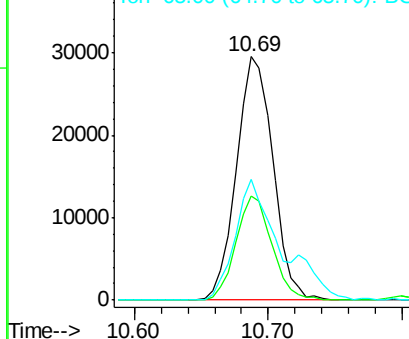
139 100

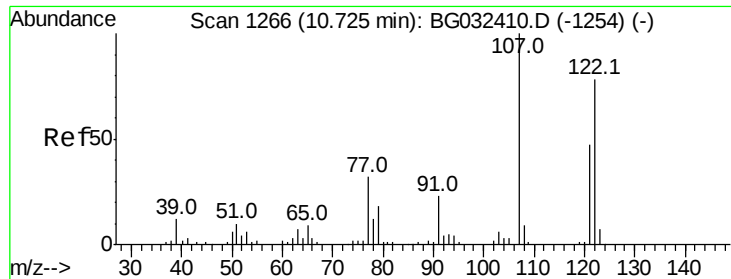
109 42.9 24.2 36.2#

65 49.4 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

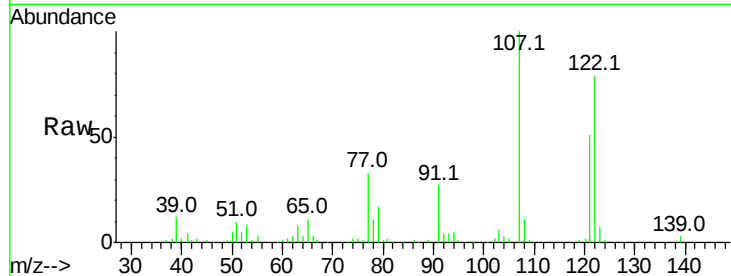




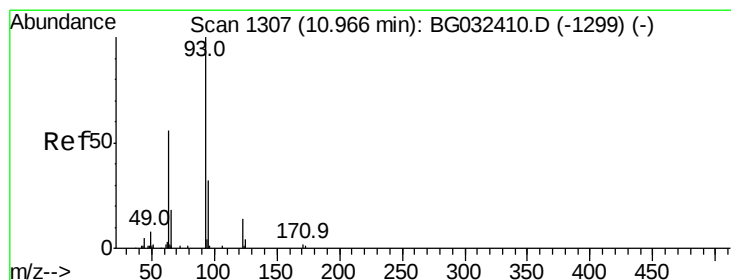
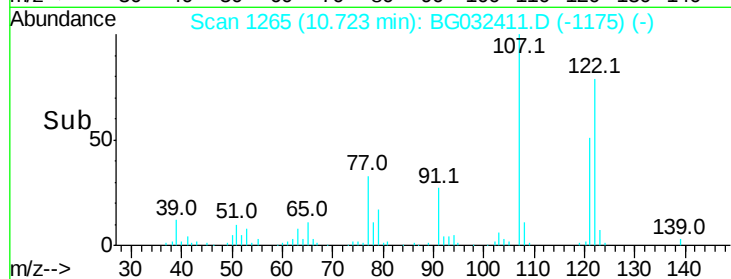
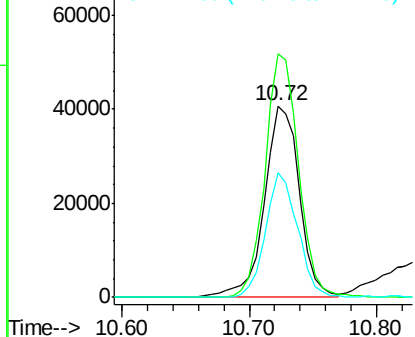
#27
 2,4-Dimethylphenol
 Concen: 47.828 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 78121
 Ion Ratio Lower Upper
 122 100
 107 127.1 100.2 150.2
 121 65.2 44.4 66.6

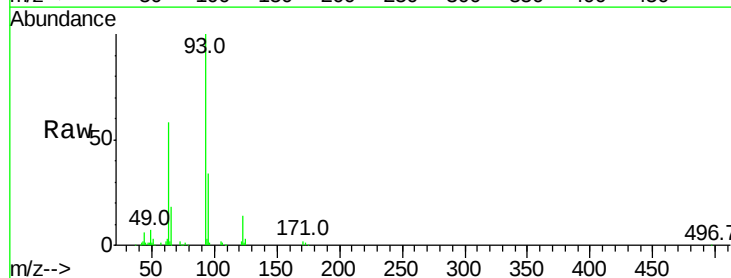


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

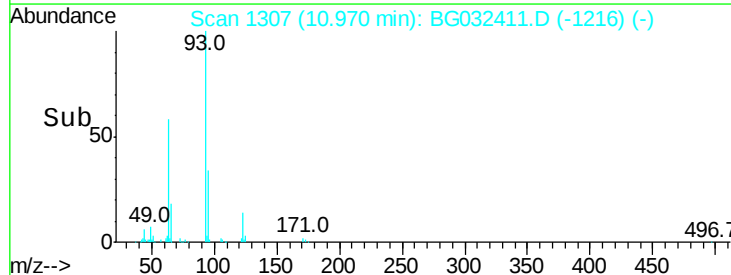
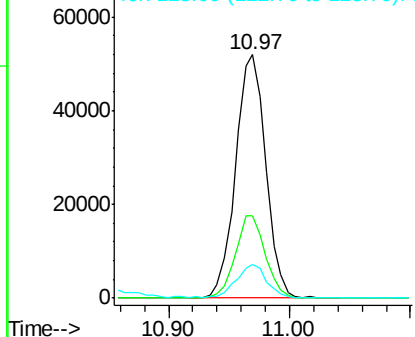


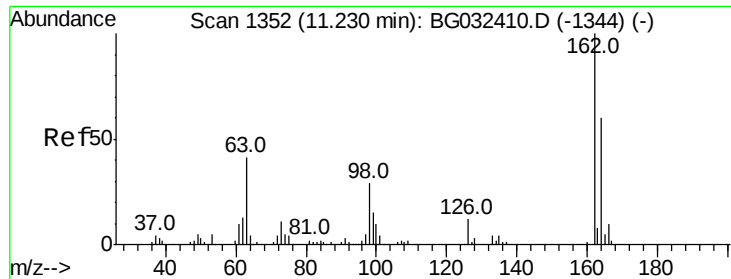
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.257 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion: 93 Resp: 90374
 Ion Ratio Lower Upper
 93 100
 95 33.8 24.3 36.5
 123 14.0 8.4 12.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

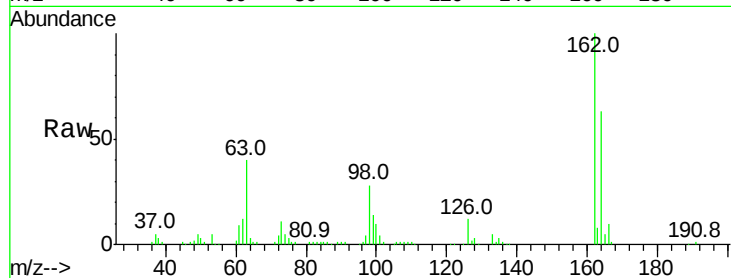




#29
 2,4-Dichlorophenol
 Concen: 53.393 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	48.0	88.0
98	28.1	21.1	61.1

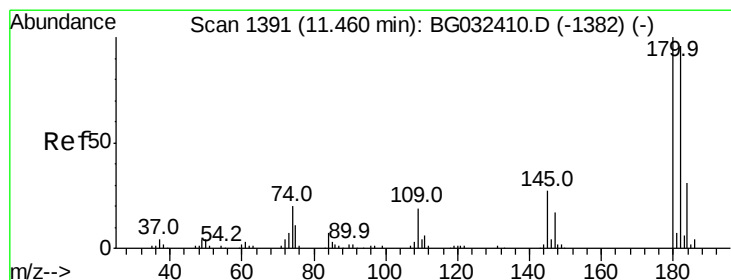
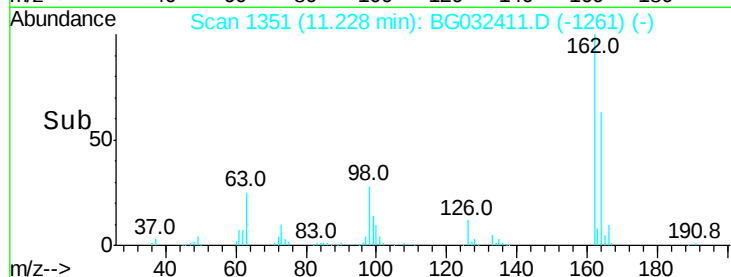
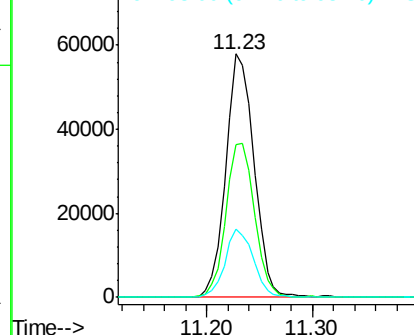


Abundance

Ion 162.00 (161.70 to 162.70): E

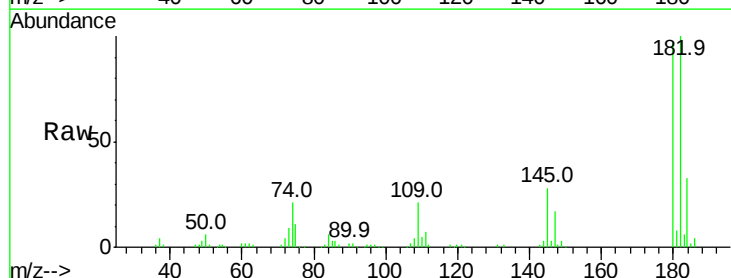
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 52.746 ng
 RT: 11.46 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.6	77.5	116.3
145	28.6	23.4	35.2

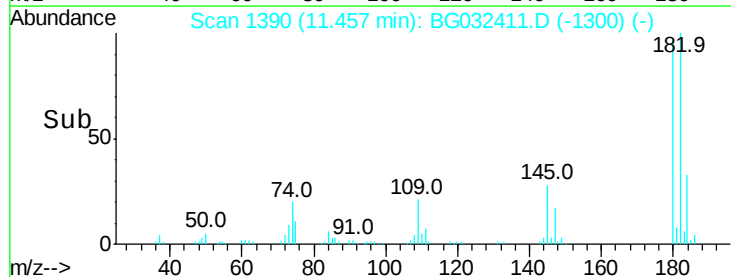
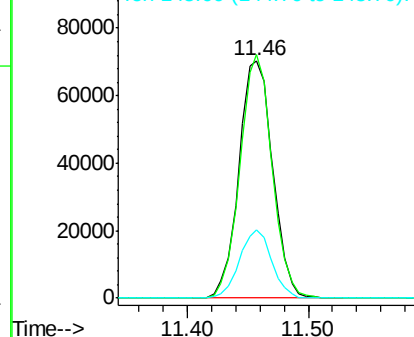


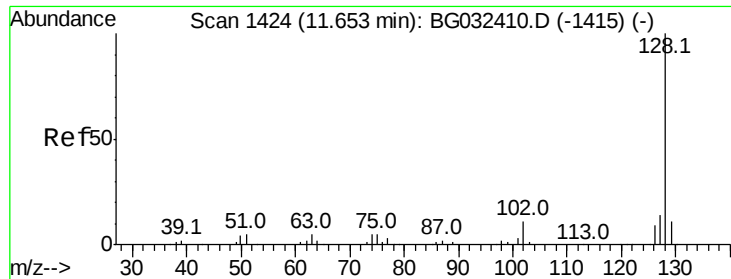
Abundance

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

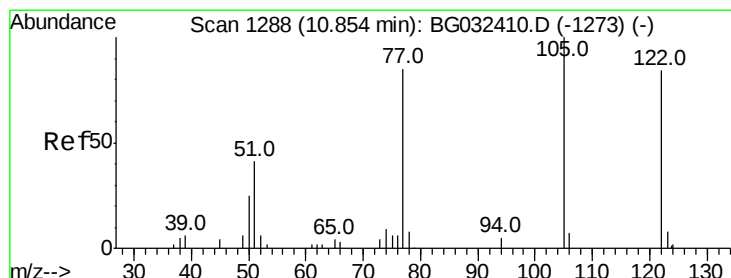
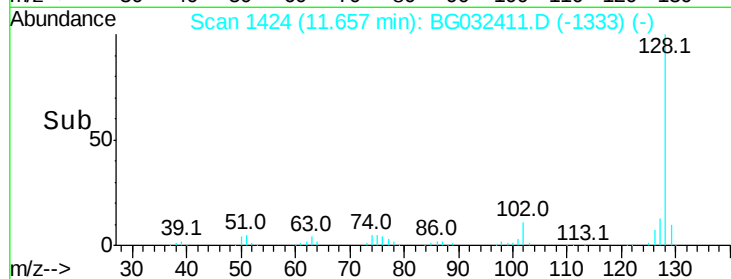
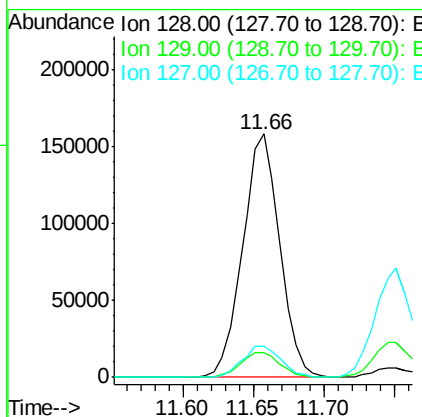
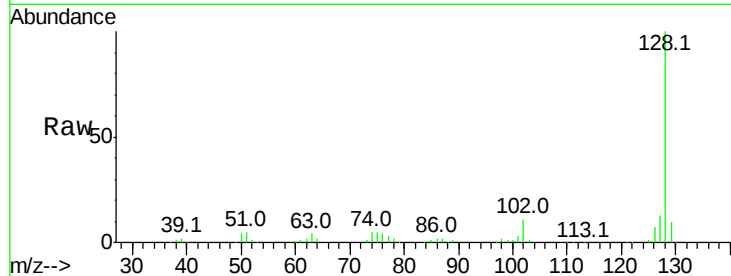




#31
Naphthalene
Concen: 49.854 ng
RT: 11.66 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

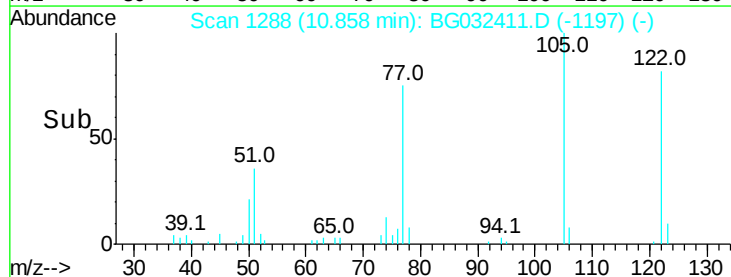
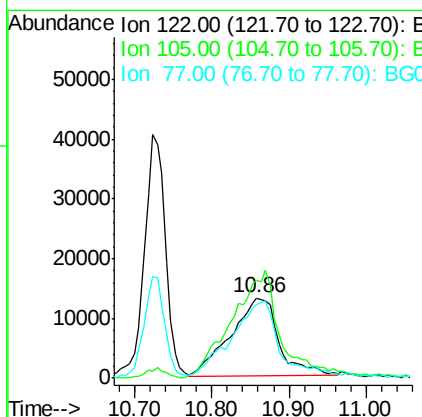
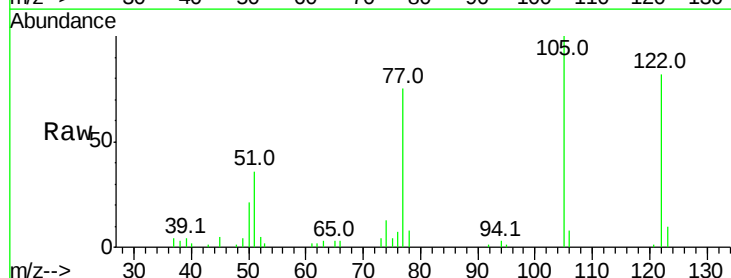
Instrument :
BNA_G
ClientSampleId :

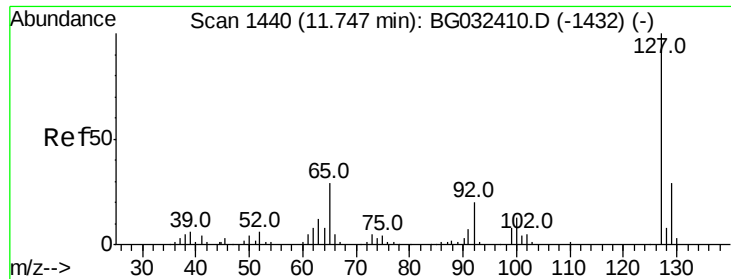
Tot Ion:128 Resp: 290973
Ion Ratio Lower Upper
128 100
129 10.2 8.6 12.8
127 12.6 11.6 17.4



#32
Benzoic acid
Concen: 47.465 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion:122 Resp: 56932
Ion Ratio Lower Upper
122 100
105 121.2 123.5 163.5#
77 90.9 85.7 125.7

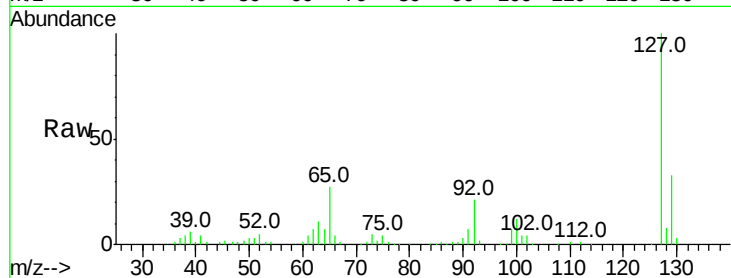




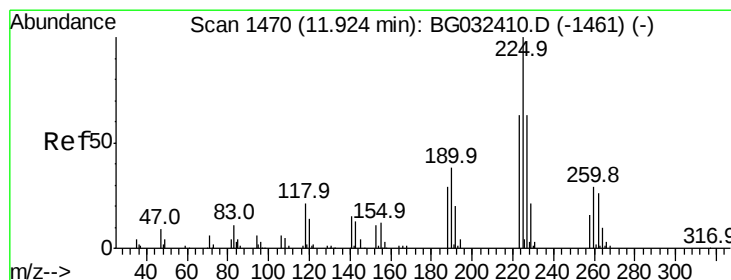
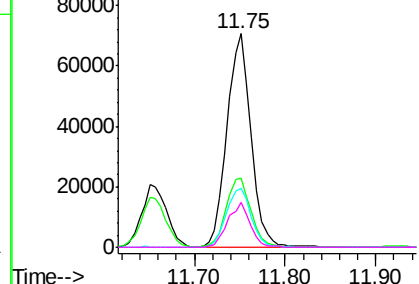
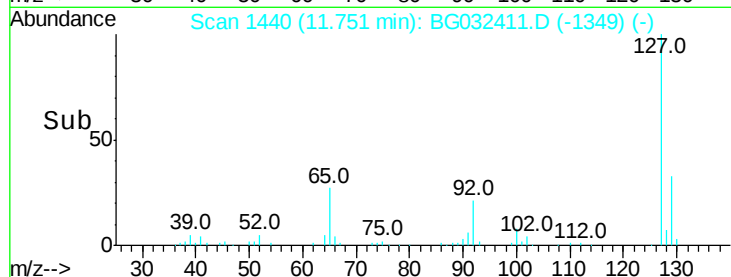
#33
 4-Chloroaniline
 Concen: 52.027 ng
 RT: 11.75 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	127	Resp:	130215
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	27.3	27.0	40.4
92	21.2	16.6	25.0

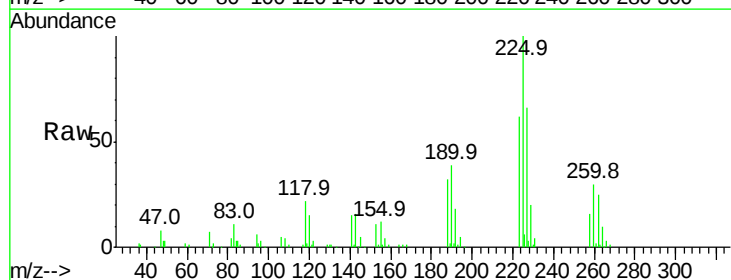


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

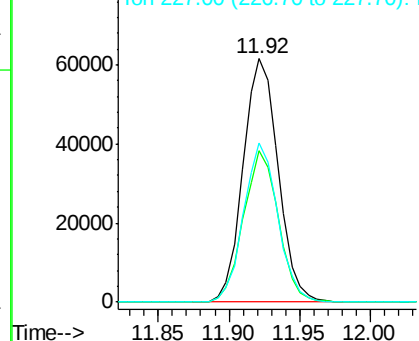
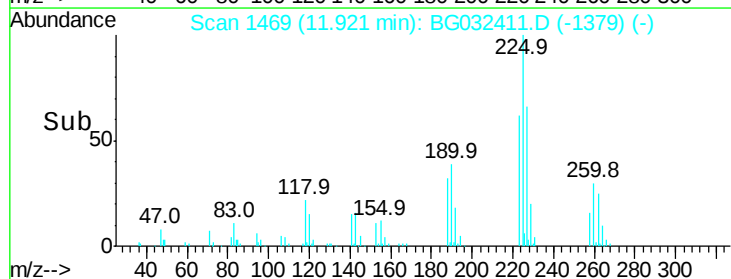


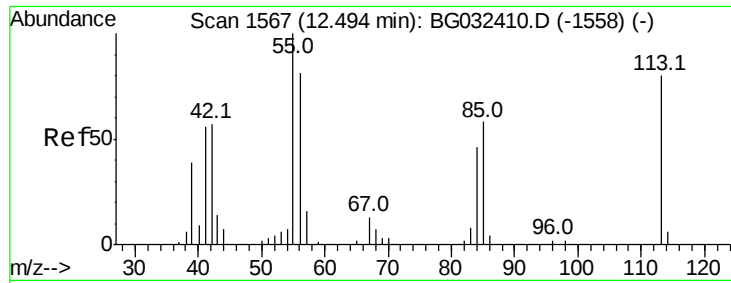
#34
 Hexachlorobutadiene
 Concen: 57.342 ng
 RT: 11.92 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:	225	Resp:	106904
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	65.6	48.1	72.1



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





#35

Caprolactam

Concen: 52.641 ng

RT: 12.51 min Scan# 1569

Delta R.T. 0.02 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

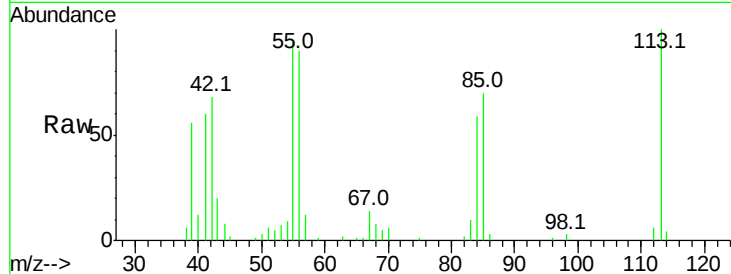
Tot Ion:113 Resp: 32097

Ion Ratio Lower Upper

113 100

55 94.4 186.9 226.9#

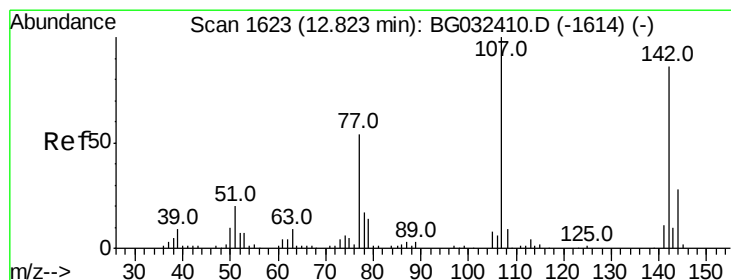
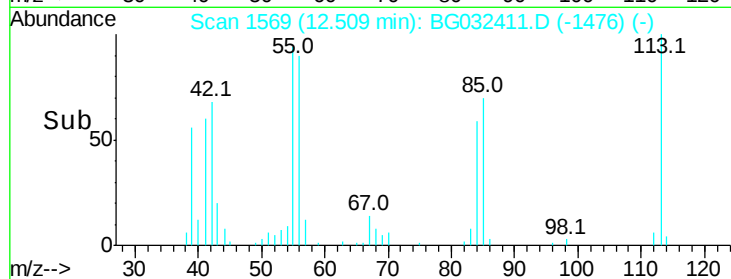
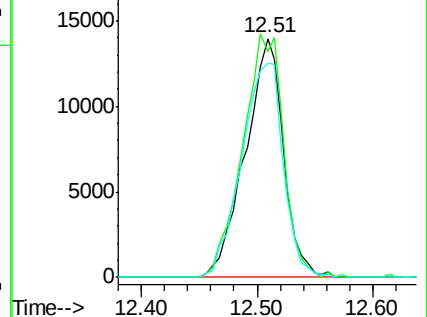
56 89.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 55.078 ng

RT: 12.83 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

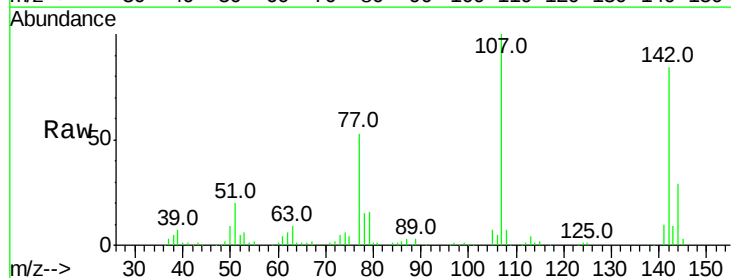
Tgt Ion:107 Resp: 101323

Ion Ratio Lower Upper

107 100

144 28.6 18.2 27.4#

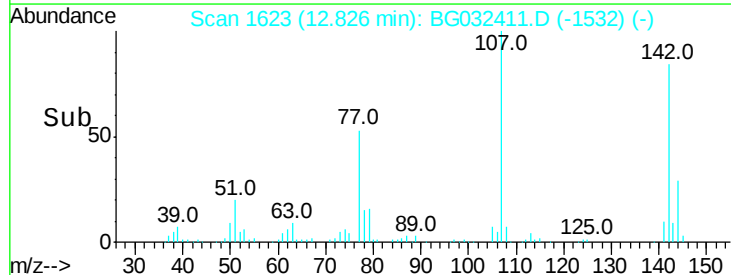
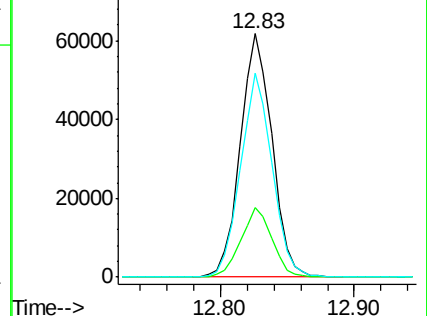
142 83.6 59.0 88.4

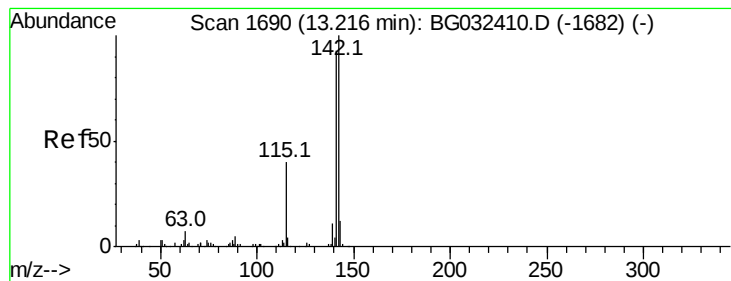


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.361 ng

RT: 13.22 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

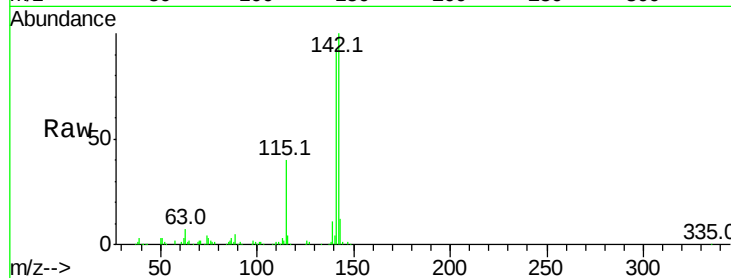
Tot Ion:142 Resp: 237994

Ion Ratio Lower Upper

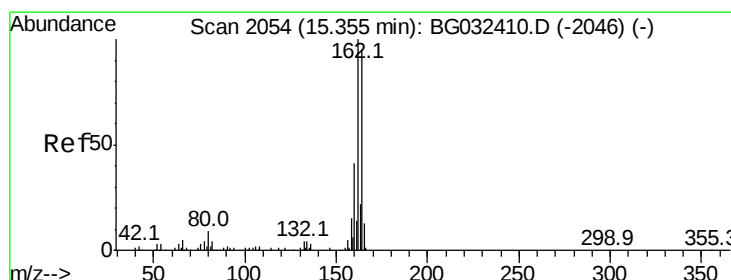
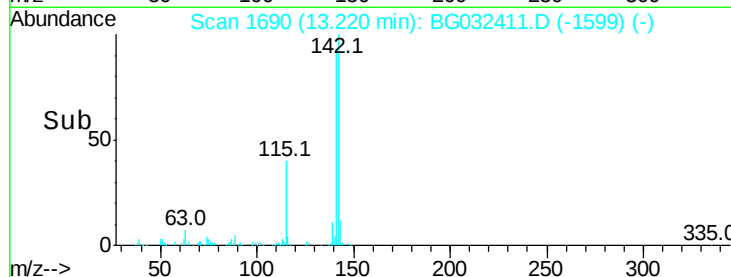
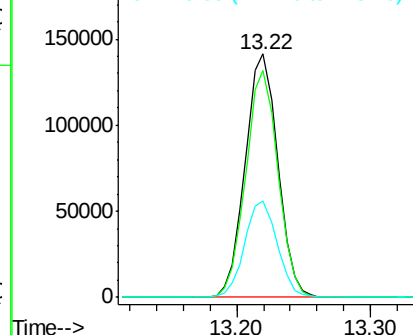
142 100

141 93.1 67.1 100.7

115 39.7 30.7 46.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

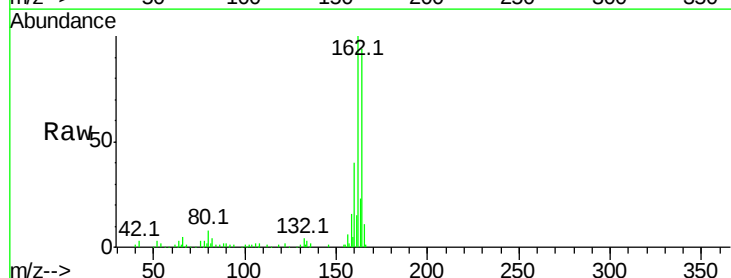
Tgt Ion:164 Resp: 82603

Ion Ratio Lower Upper

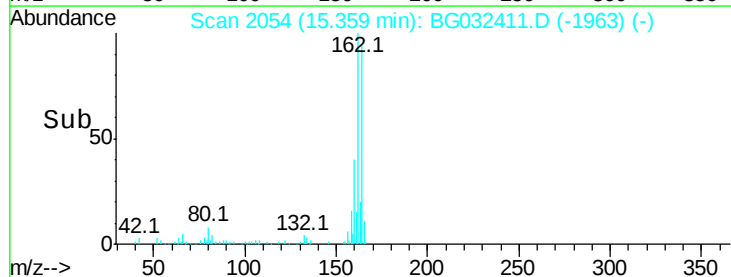
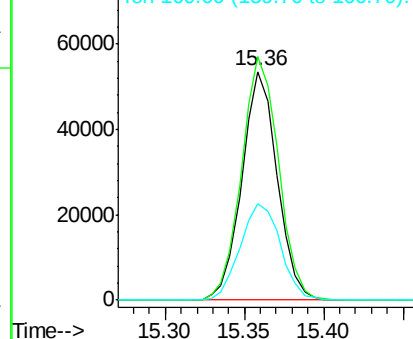
164 100

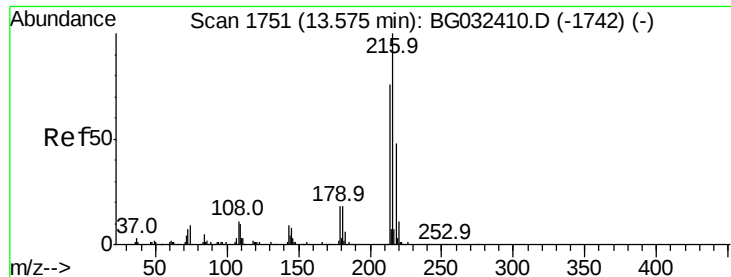
162 106.6 78.8 118.2

160 42.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.755 ng

RT: 13.57 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 197153

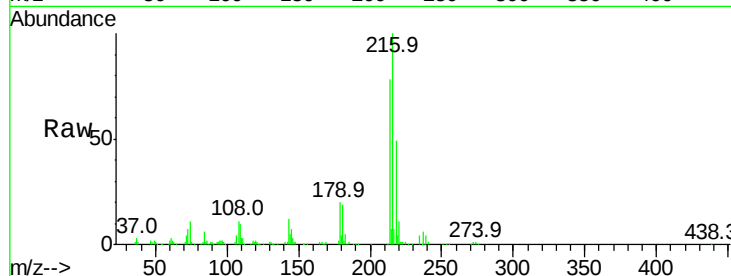
Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.4

179 19.1 17.0 25.6

108 11.8 12.8 19.2#

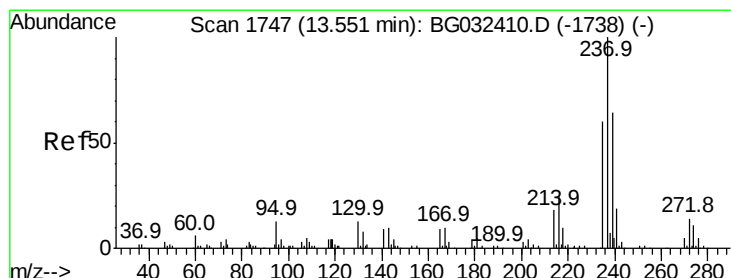
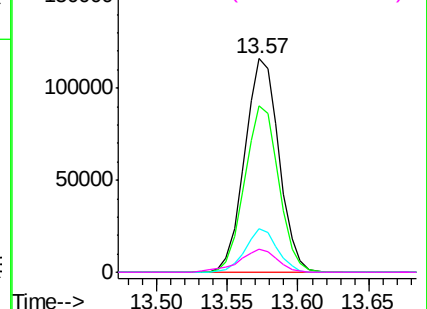
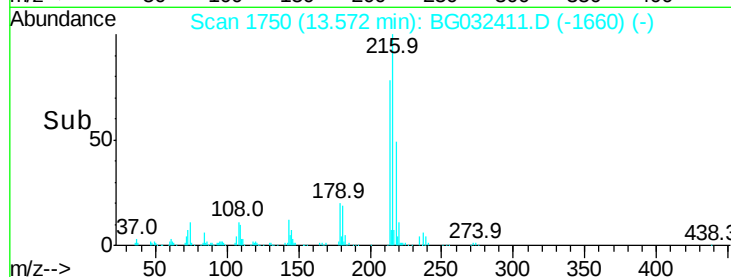


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.092 ng

RT: 13.55 min Scan# 1746

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

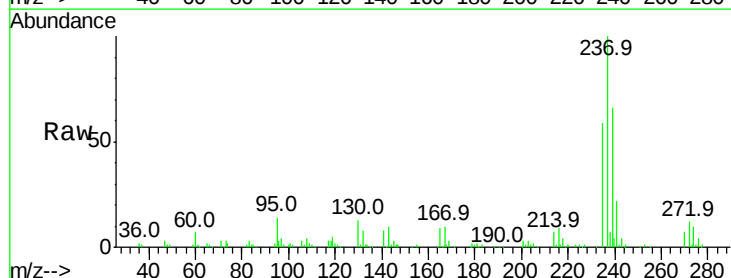
Tgt Ion:237 Resp: 129979

Ion Ratio Lower Upper

237 100

235 59.2 50.4 90.4

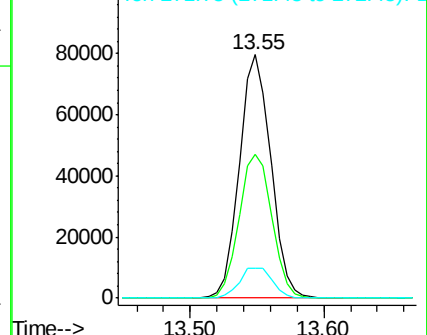
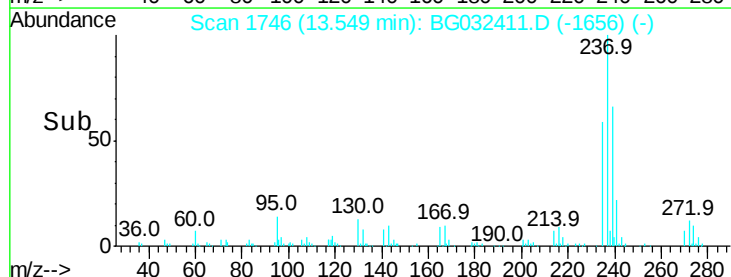
272 12.4 0.0 31.8

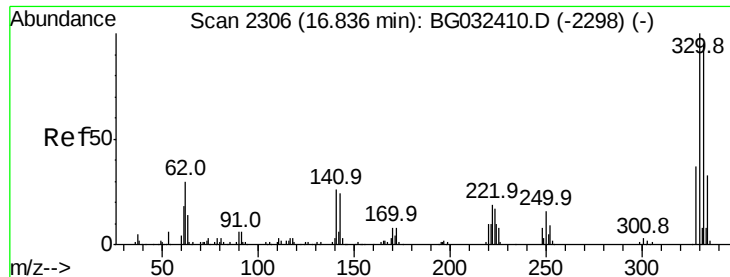


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

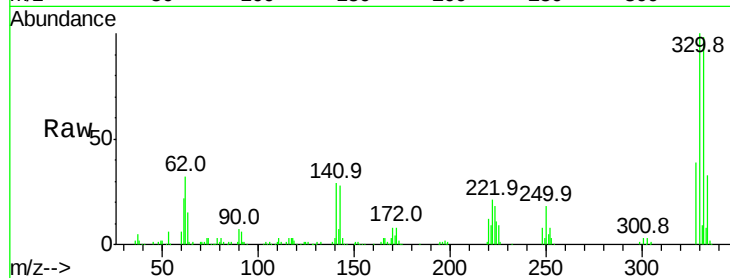




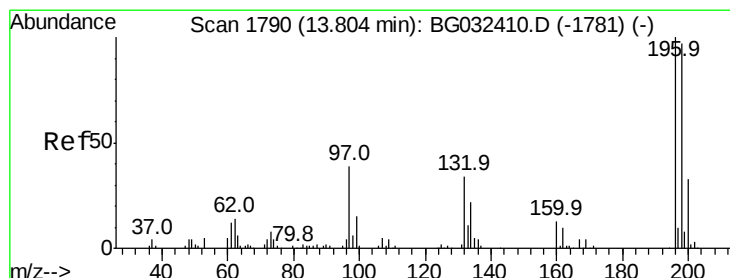
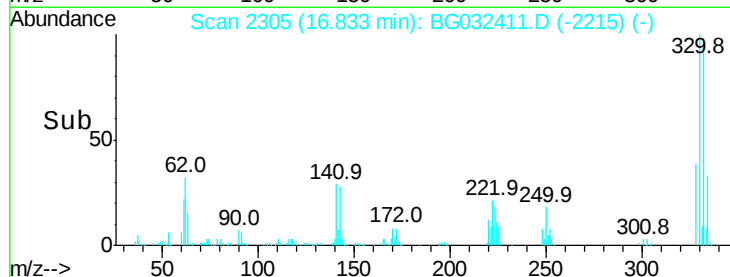
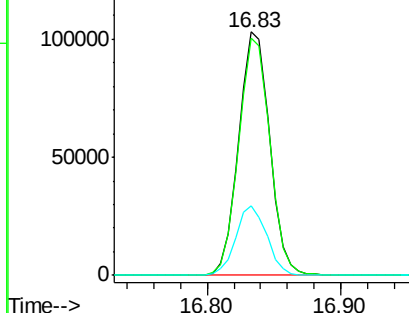
#41
 2,4,6-Tribromophenol
 Concen: 121.220 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	28.7	25.2	37.8

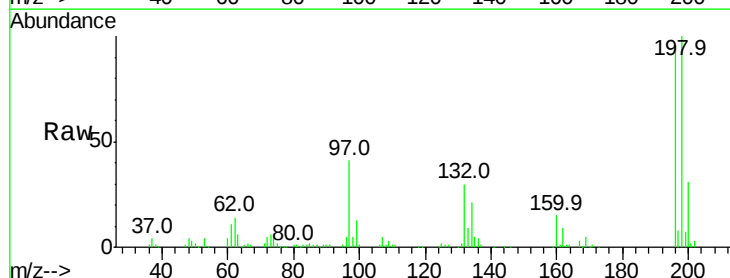


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

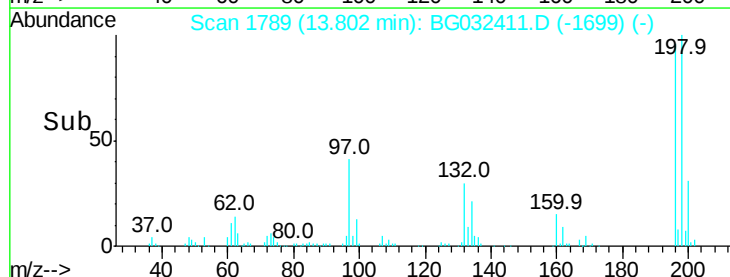
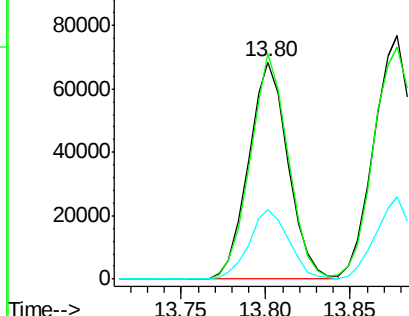


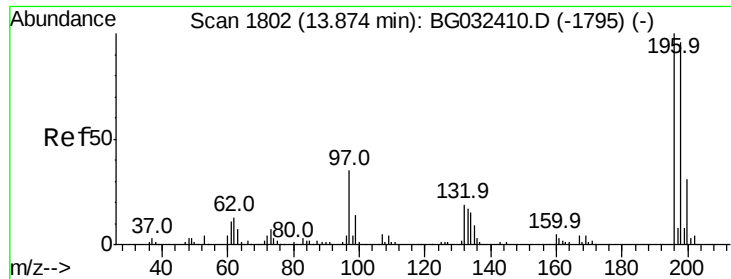
#42
 2,4,6-Trichlorophenol
 Concen: 55.165 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.8	78.2	117.2
200	31.9	24.6	36.8



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

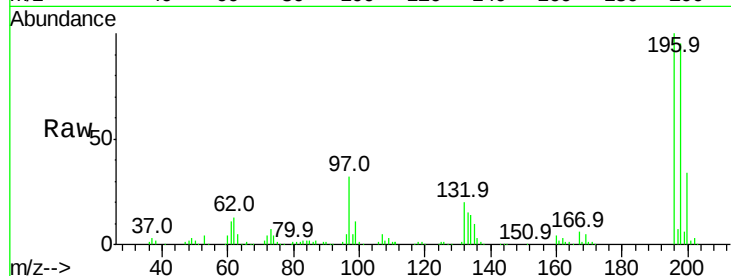




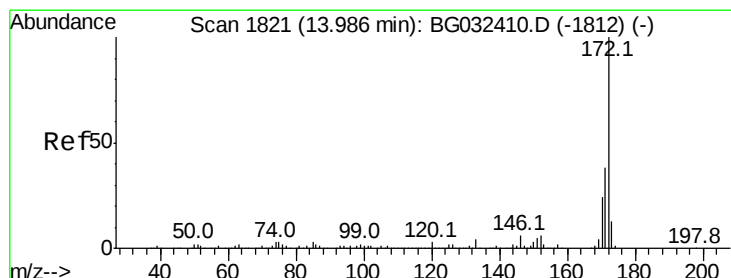
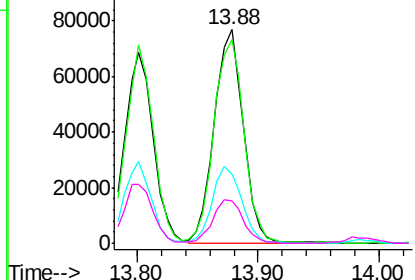
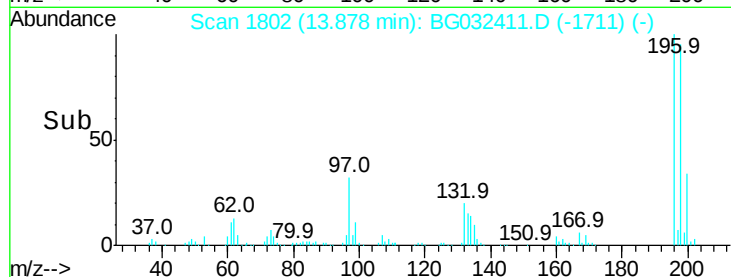
#43
 2,4,5-Trichlorophenol
 Concen: 54.804 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	128338
Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.2	114.4
97	32.2	38.7	58.1#
132	19.6	20.2	30.2#

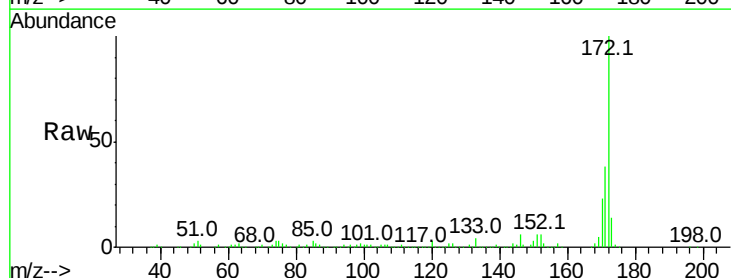


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

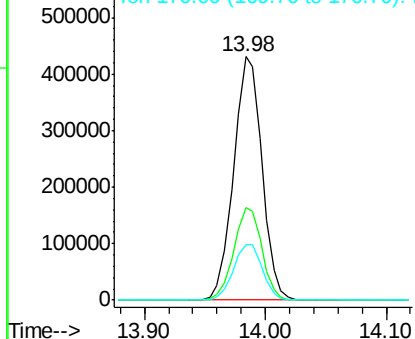
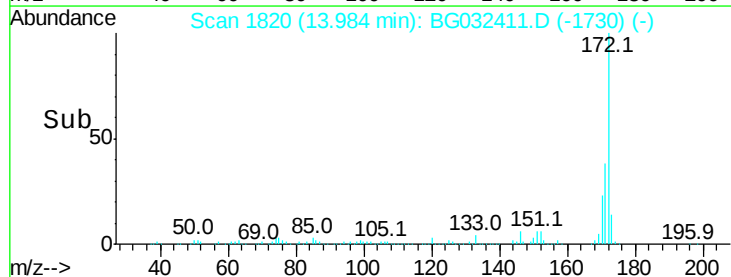


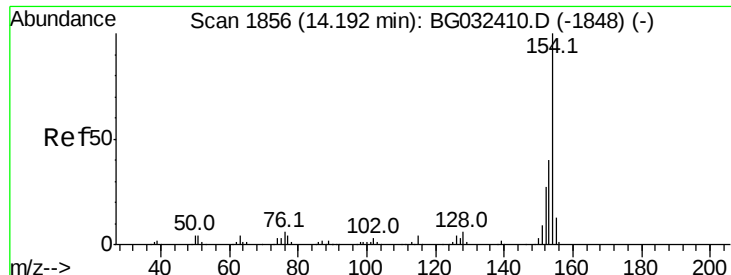
#44
 2-Fluorobiphenyl
 Concen: 105.481 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:	172	Resp:	702693
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.0	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: 50.919 ng

RT: 14.20 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

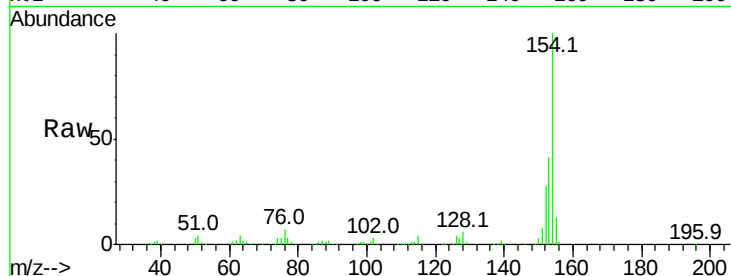
Tot Ion:154 Resp: 360576

Ion Ratio Lower Upper

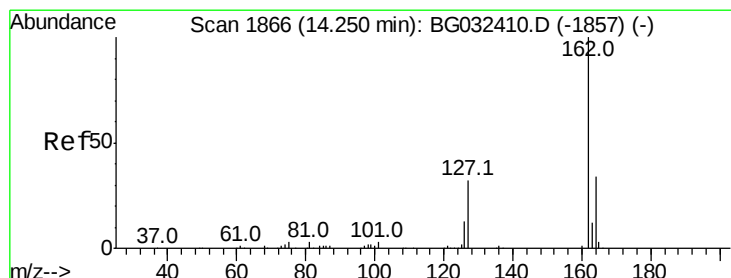
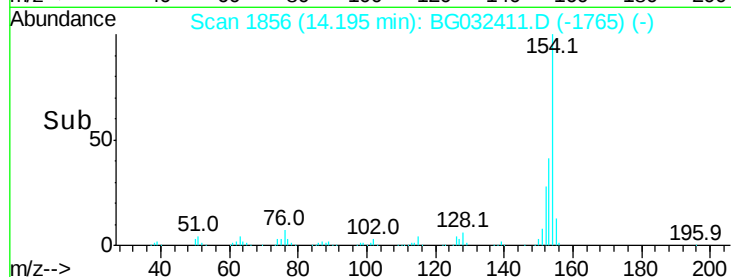
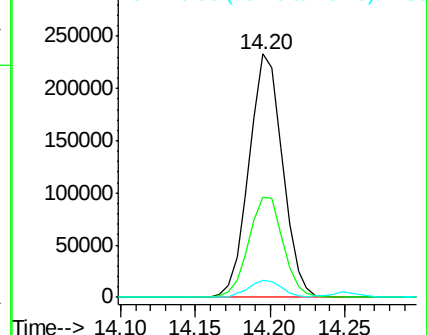
154 100

153 41.0 19.8 59.8

76 6.8 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): B



#46

2-Chloronaphthalene

Concen: 51.144 ng

RT: 14.25 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

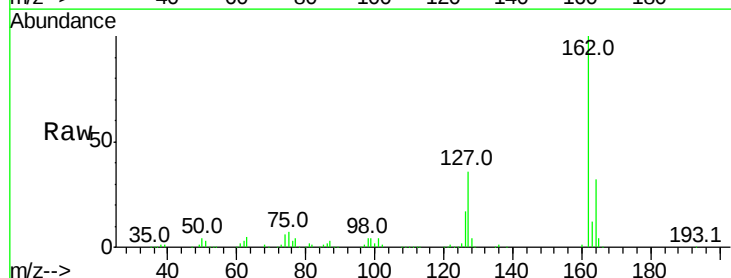
Tgt Ion:162 Resp: 281743

Ion Ratio Lower Upper

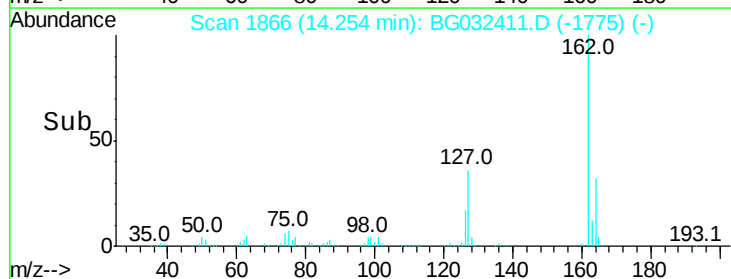
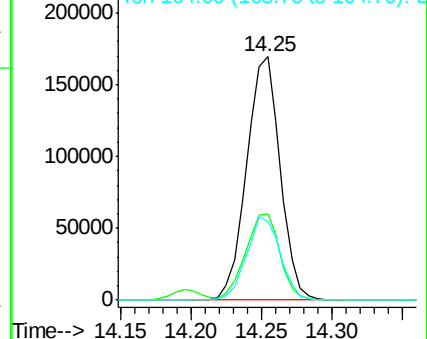
162 100

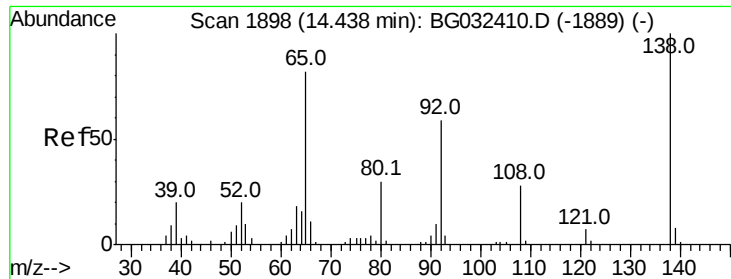
127 35.6 30.7 46.1

164 32.2 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

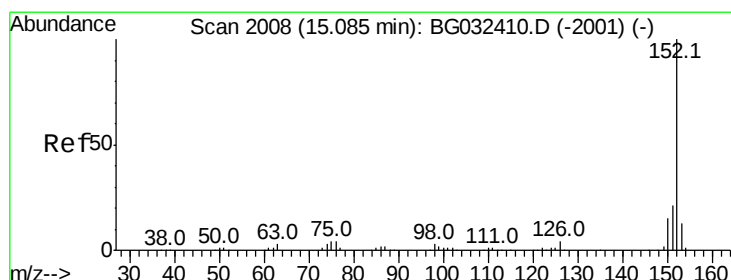
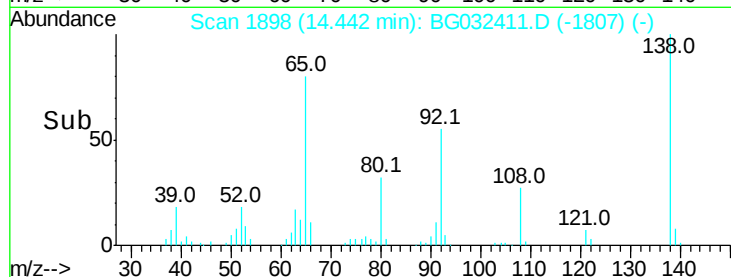
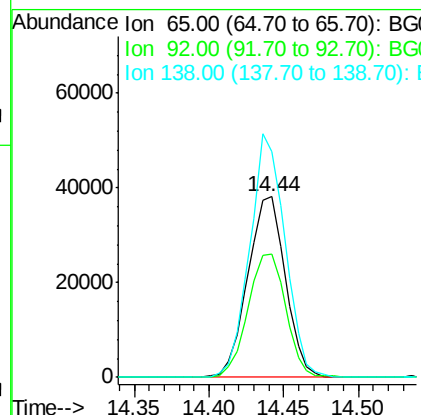
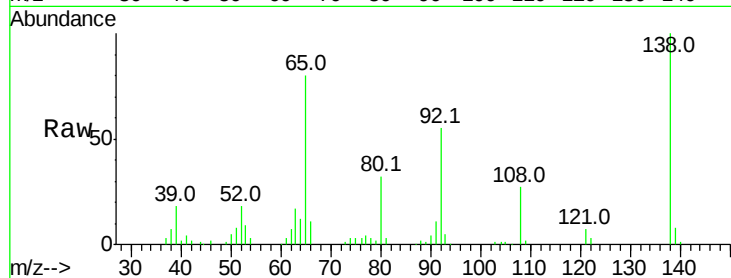




#47
 2-Nitroaniline
 Concen: 62.921 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

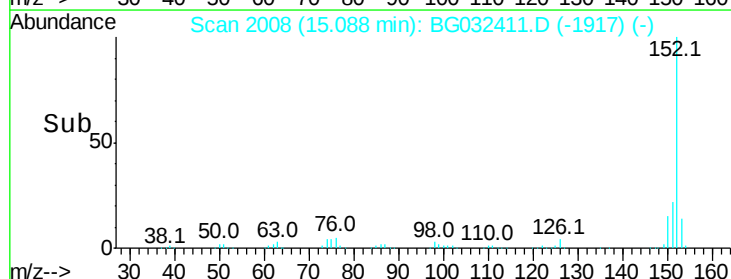
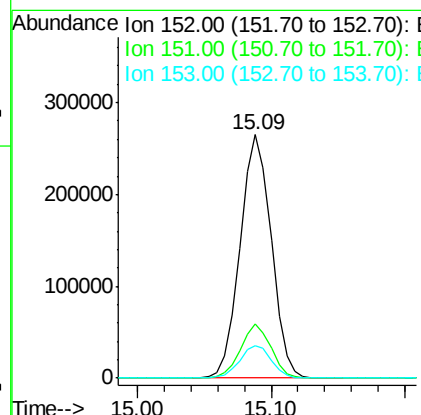
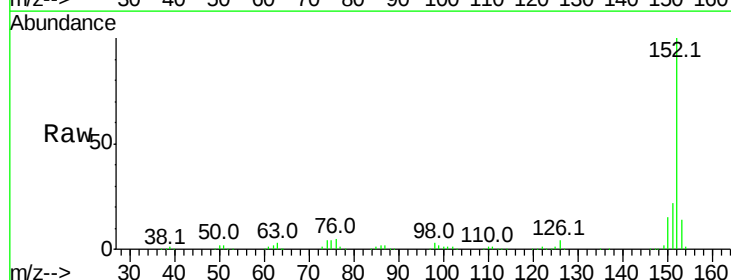
Instrument :
 BNA_G
 ClientSampleId :

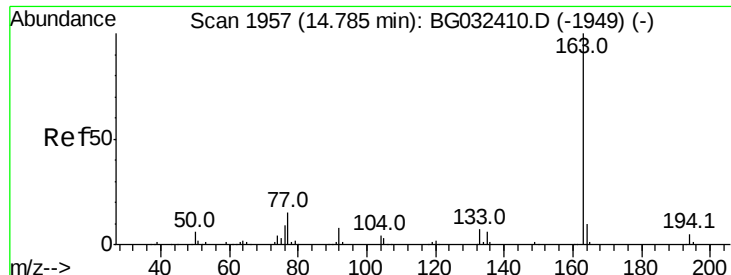
Tot Ion: 65 Resp: 66357
 Ion Ratio Lower Upper
 65 100
 92 68.6 54.6 82.0
 138 125.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 50.996 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion: 152 Resp: 427796
 Ion Ratio Lower Upper
 152 100
 151 22.0 17.2 25.8
 153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 53.678 ng

RT: 14.79 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

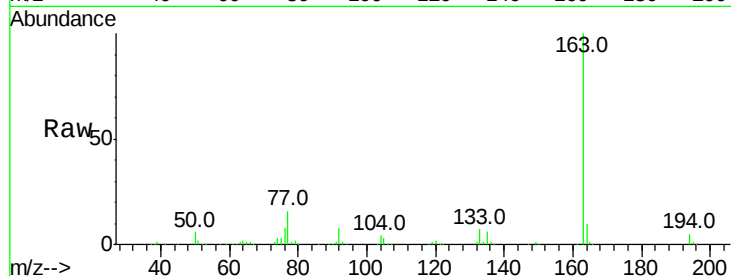
Tot Ion:163 Resp: 388010

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

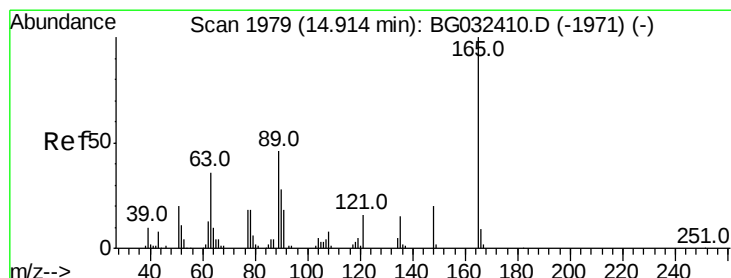
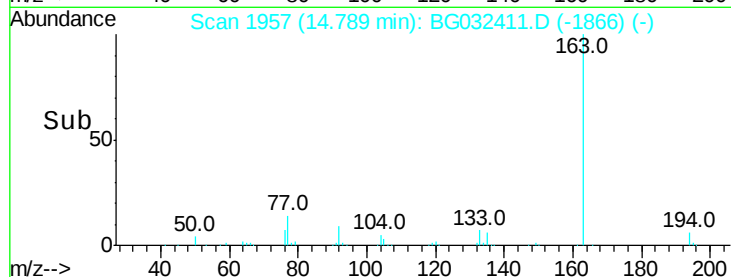
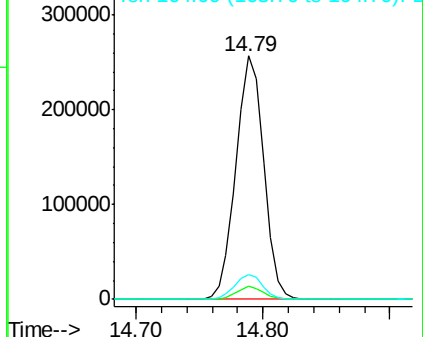
164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 57.712 ng

RT: 14.92 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

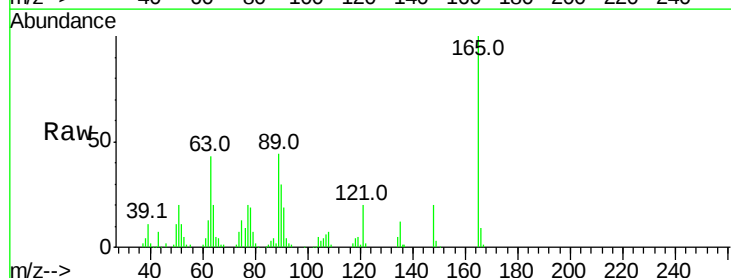
Tgt Ion:165 Resp: 86590

Ion Ratio Lower Upper

165 100

63 43.2 52.7 79.1#

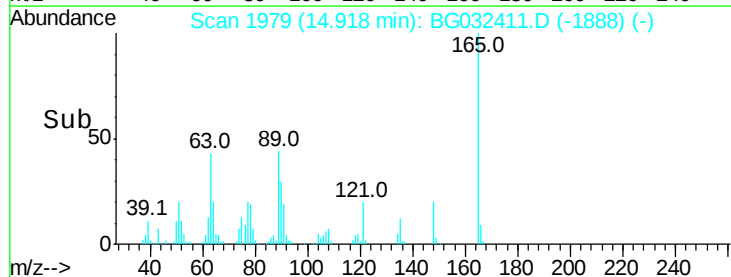
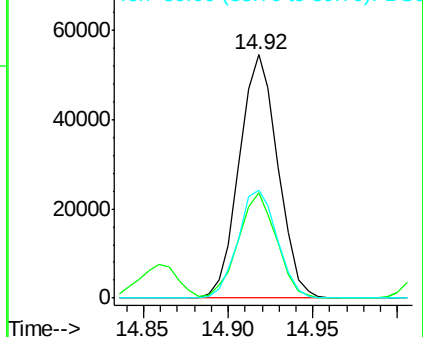
89 44.3 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 54.746 ng

RT: 15.42 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

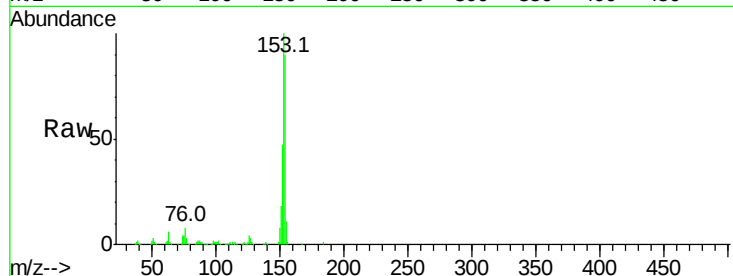
Tot Ion:154 Resp: 303678

Ion Ratio Lower Upper

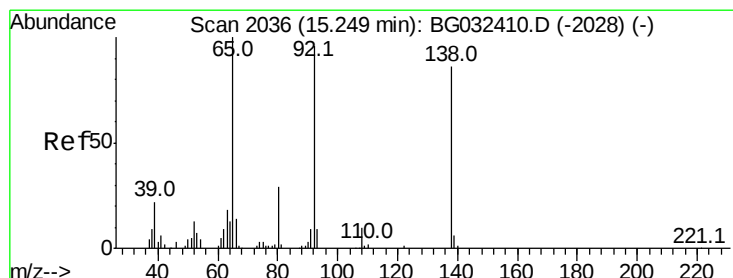
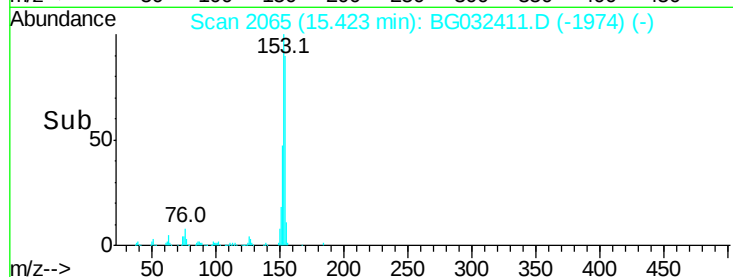
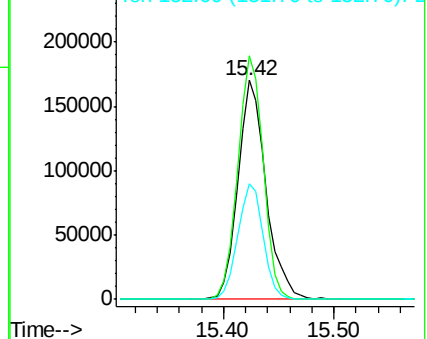
154 100

153 111.1 90.4 135.6

152 52.7 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: 55.141 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

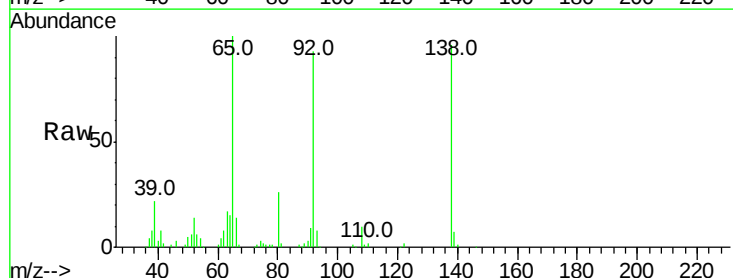
Tgt Ion:138 Resp: 74722

Ion Ratio Lower Upper

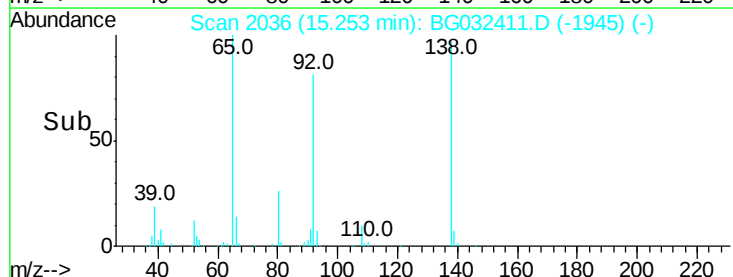
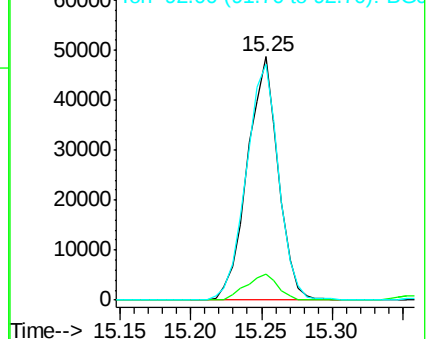
138 100

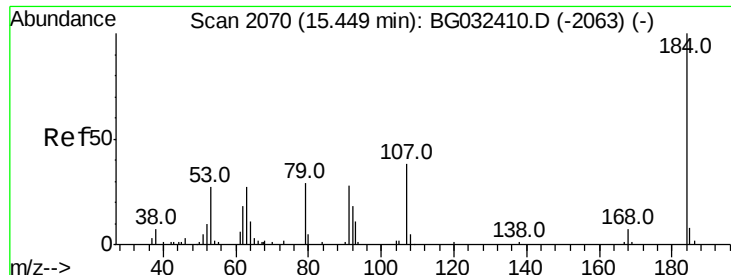
108 10.5 17.5 26.3#

92 96.7 105.8 158.8#



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): BGC

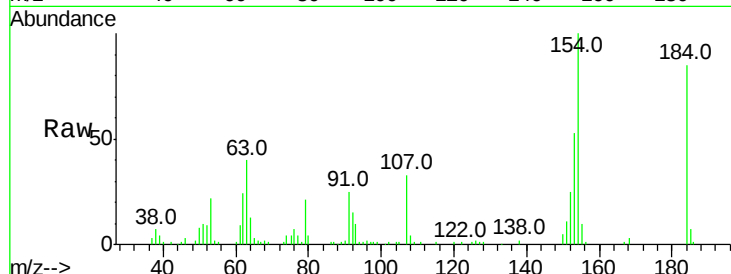




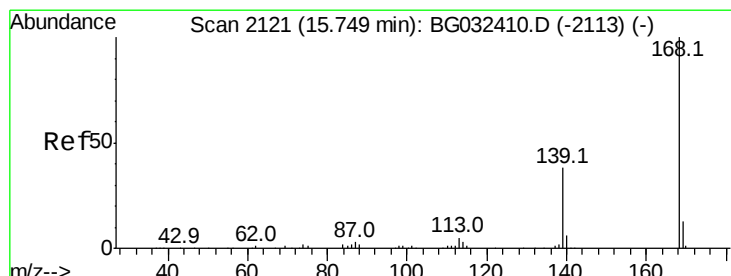
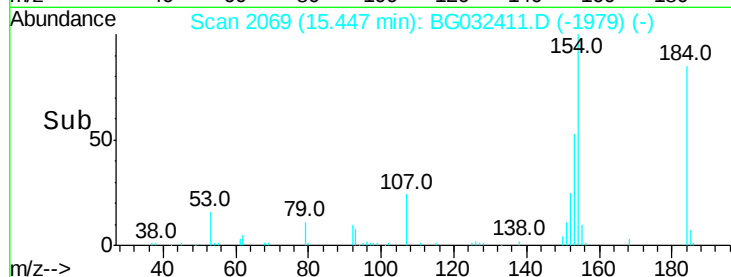
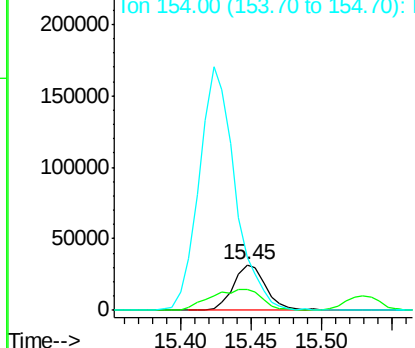
#53
 2,4-Dinitrophenol
 Concen: 82.060 ng
 RT: 15.45 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 51763
 Ion Ratio Lower Upper
 184 100
 63 46.3 59.8 89.8#
 154 117.0 101.8 152.8

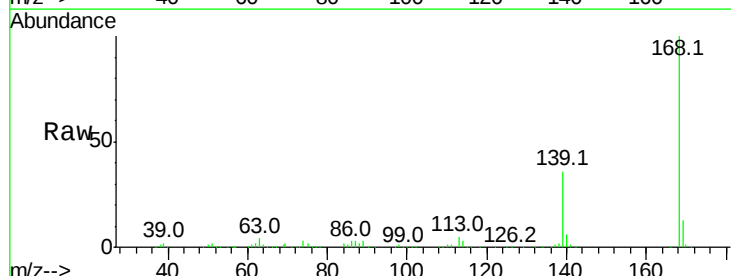


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

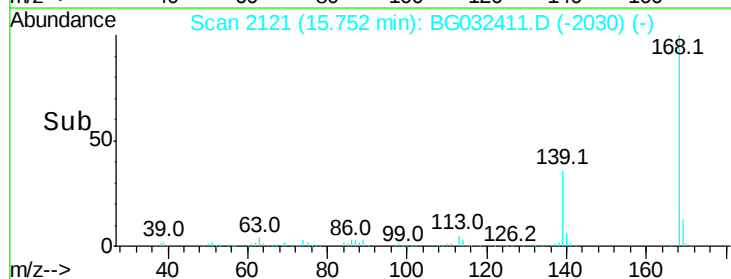
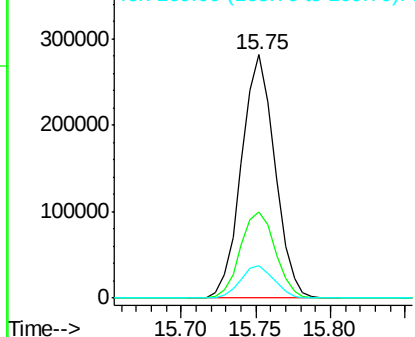


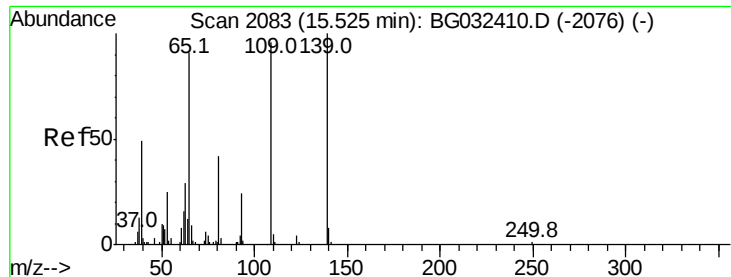
#54
 Dibenzofuran
 Concen: 52.489 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:168 Resp: 434341
 Ion Ratio Lower Upper
 168 100
 139 35.6 28.6 43.0
 169 13.2 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

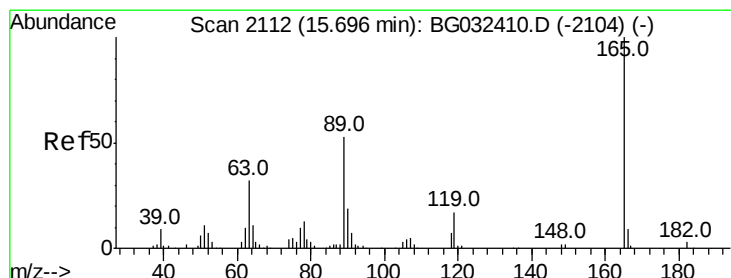
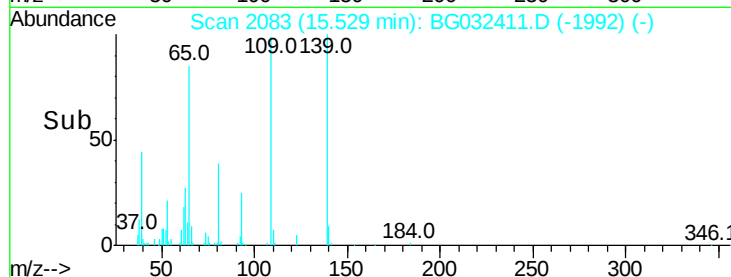
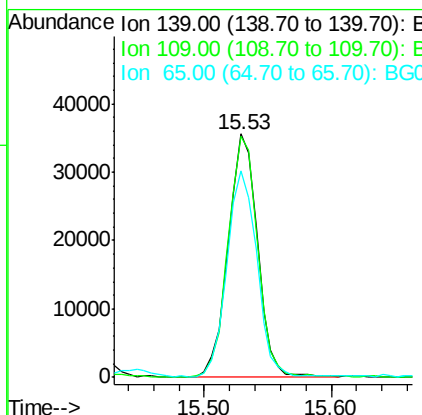
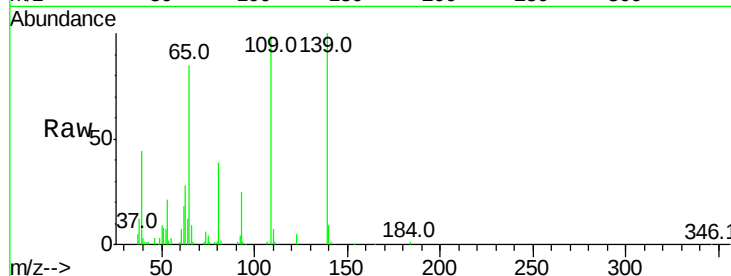




#55
4-Nitrophenol
Concen: 57.686 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

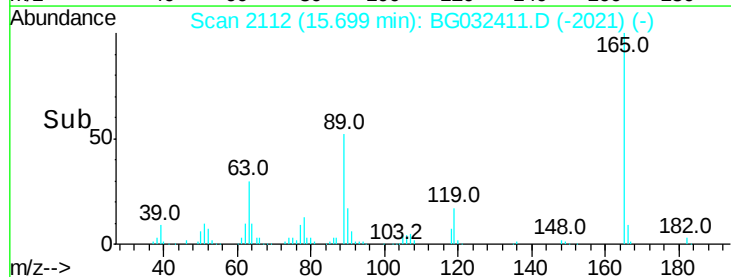
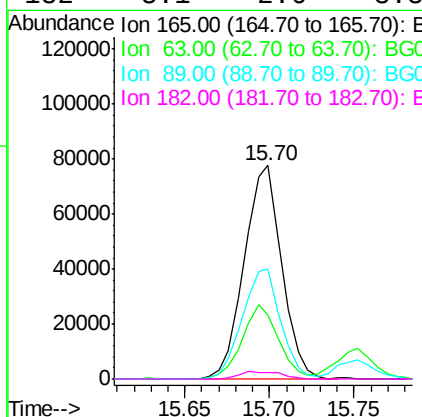
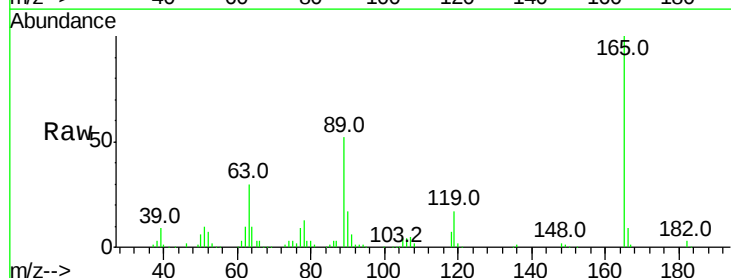
Instrument :
BNA_G
ClientSampleId :

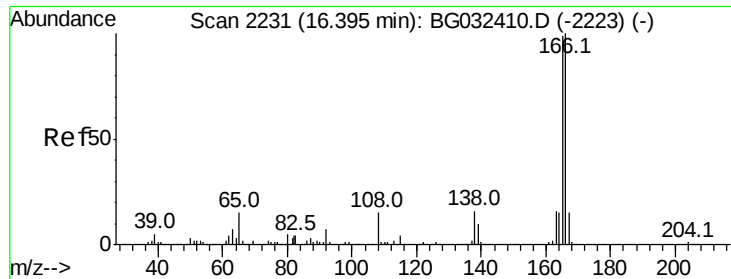
Tot Ion:139 Resp: 56969
Ion Ratio Lower Upper
139 100
109 99.2 62.2 102.2
65 84.7 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 59.315 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion:165 Resp: 119815
Ion Ratio Lower Upper
165 100
63 30.3 42.0 63.0#
89 51.6 66.9 100.3#
182 3.1 2.6 3.8

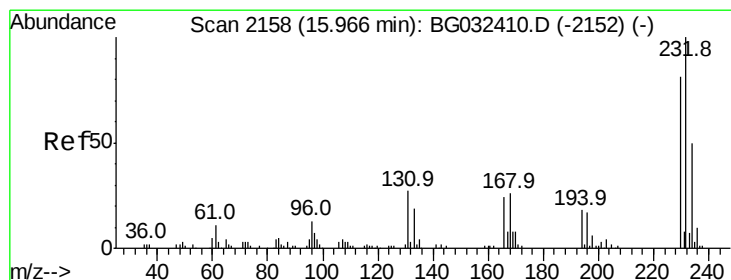
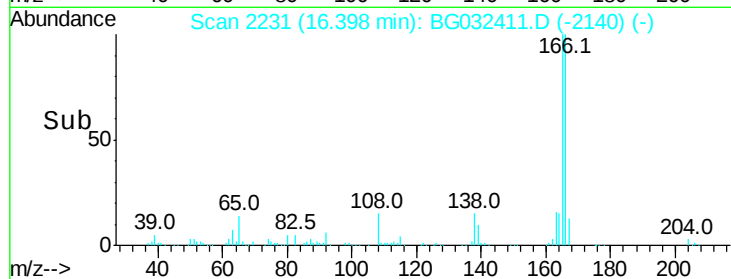
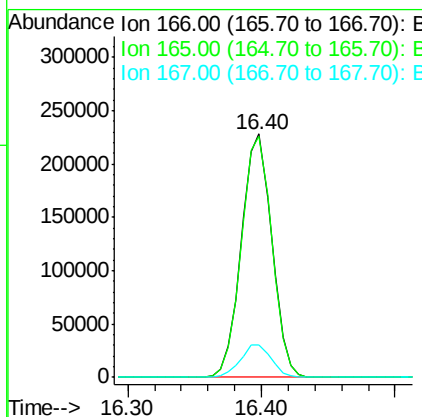
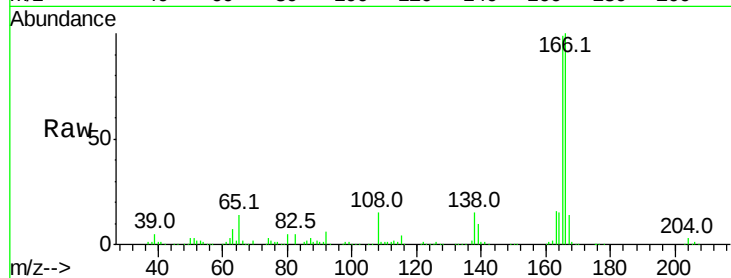




#57
 Fluorene
 Concen: 52.906 ng
 RT: 16.40 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

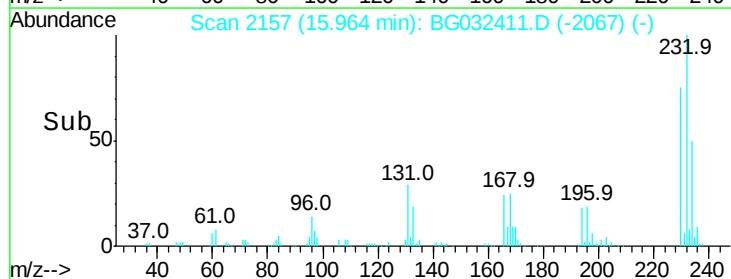
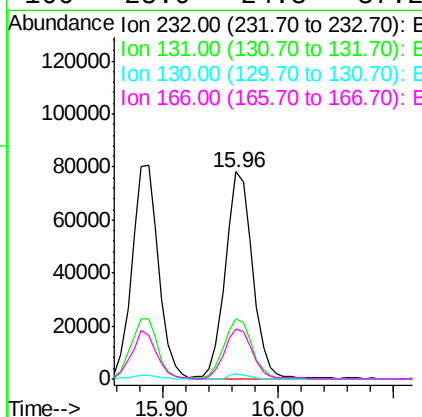
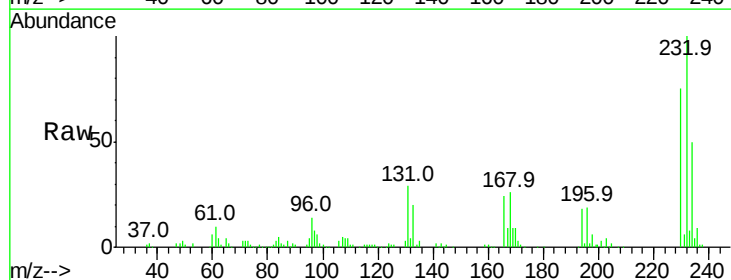
Instrument :
 BNA_G
 ClientSampleId :

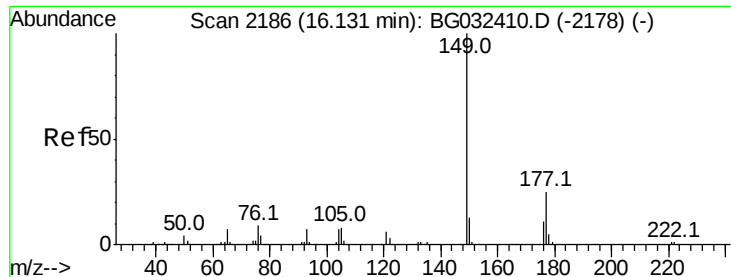
Tot Ion:166 Resp: 359050
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.6 121.0
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.608 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:232 Resp: 126964
 Ion Ratio Lower Upper
 232 100
 131 30.1 33.5 50.3#
 130 1.9 2.2 3.2#
 166 25.0 24.8 37.2

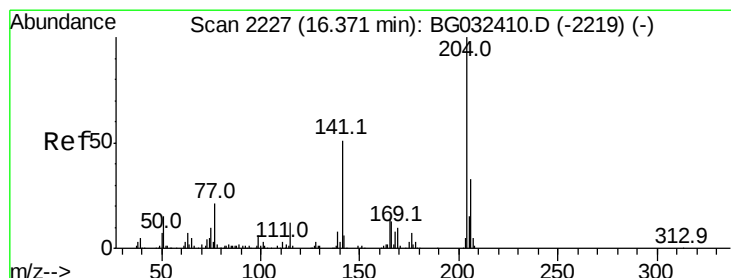
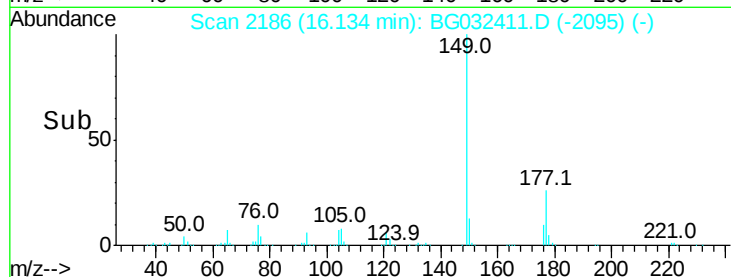
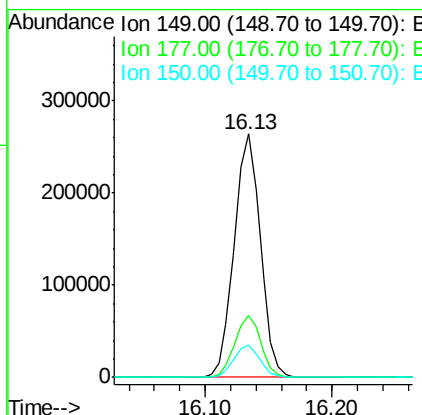
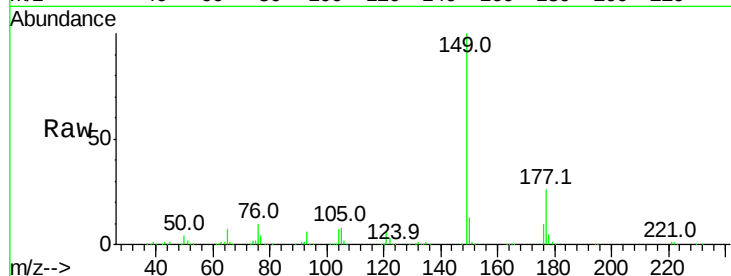




#59
Diethylphthalate
Concen: 53.664 ng
RT: 16.13 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

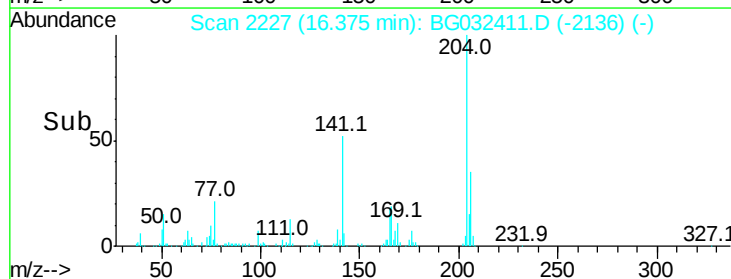
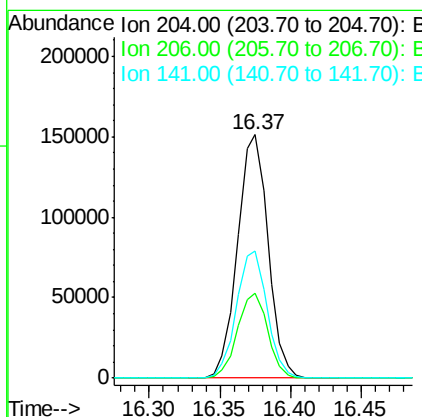
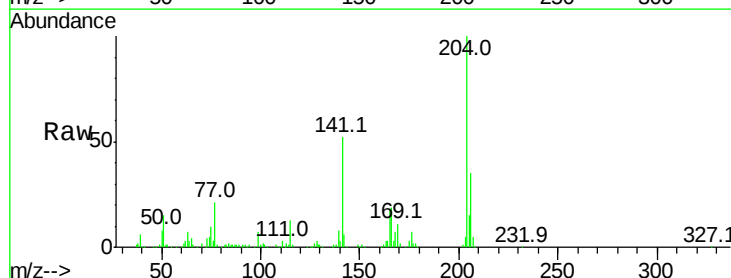
Instrument :
BNA_G
ClientSampleId :

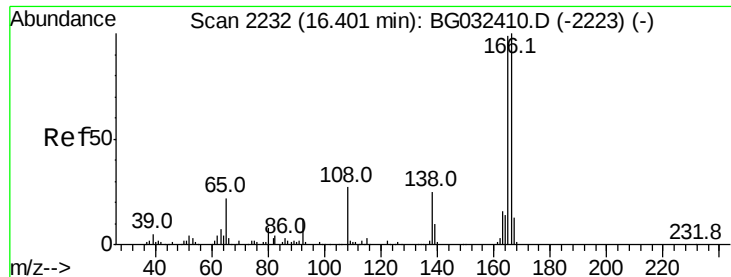
Tot Ion:149 Resp: 376056
Ion Ratio Lower Upper
149 100
177 25.5 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 54.887 ng
RT: 16.37 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion:204 Resp: 228501
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.2
141 52.2 45.8 68.6

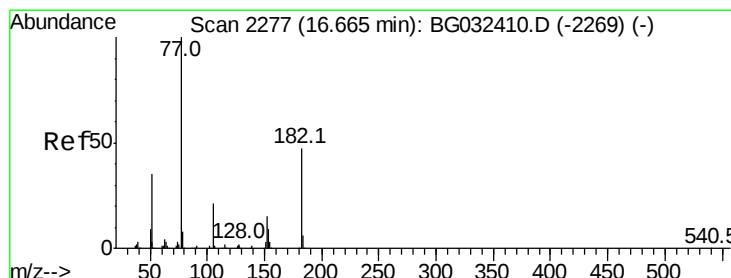
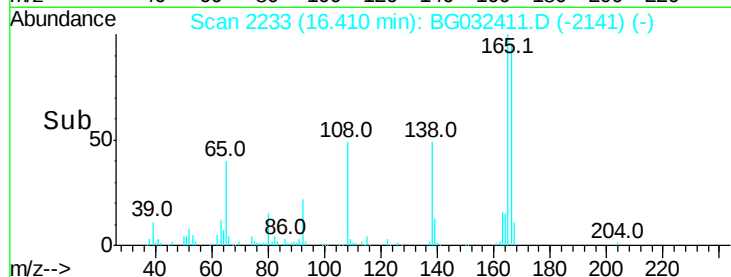
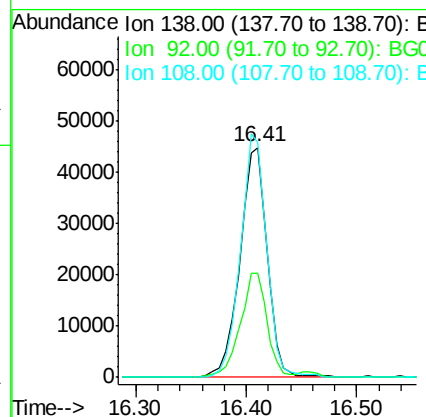
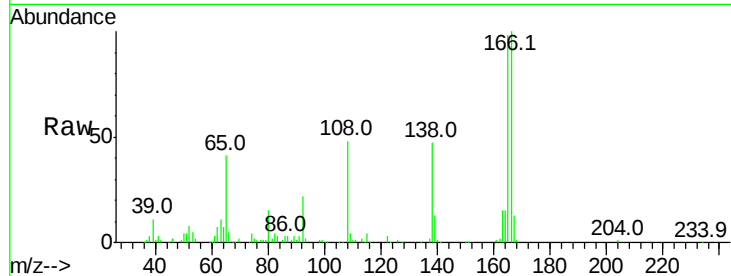




#61
4-Nitroaniline
Concen: 60.015 ng
RT: 16.41 min Scan# 2233
Delta R.T. 0.01 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

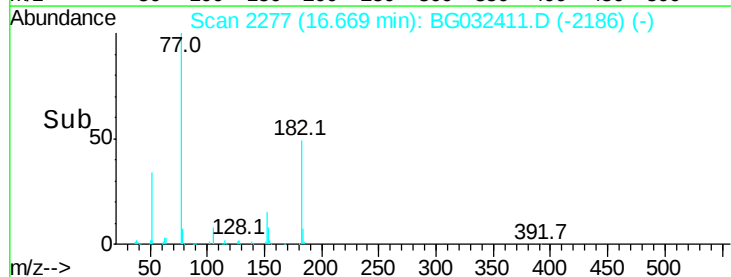
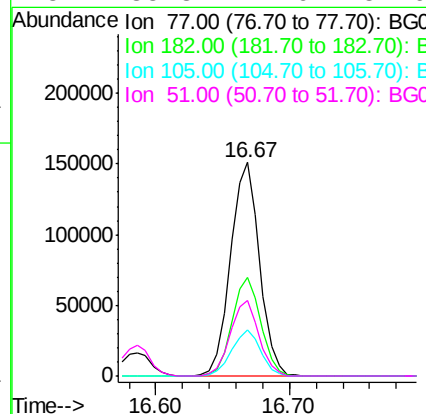
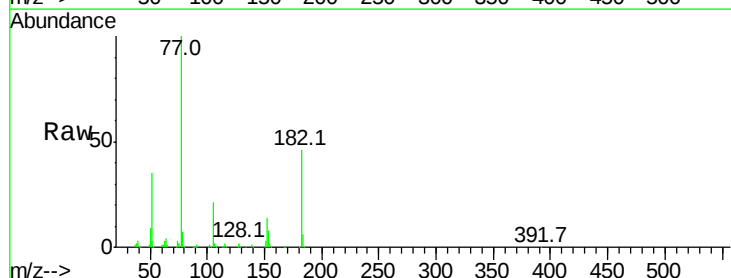
Instrument :
BNA_G
ClientSampleId :

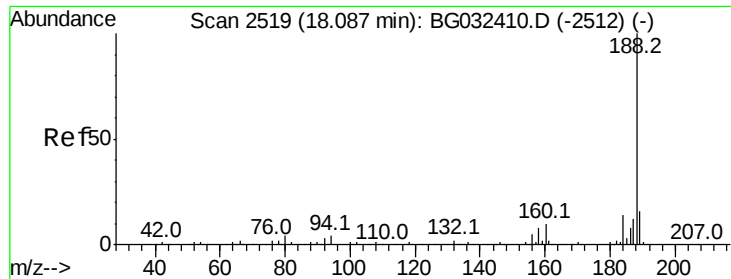
Tot Ion:138 Resp: 78014
Ion Ratio Lower Upper
138 100
92 45.5 40.1 80.1
108 102.2 65.4 105.4



#62
Azobenzene
Concen: 52.183 ng
RT: 16.67 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion: 77 Resp: 228879
Ion Ratio Lower Upper
77 100
182 46.2 7.4 47.4
105 21.4 0.3 40.3
51 35.3 11.6 51.6

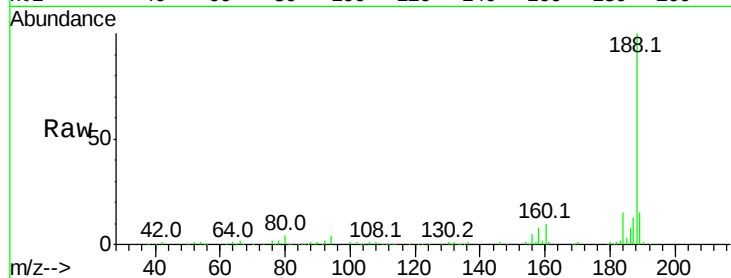




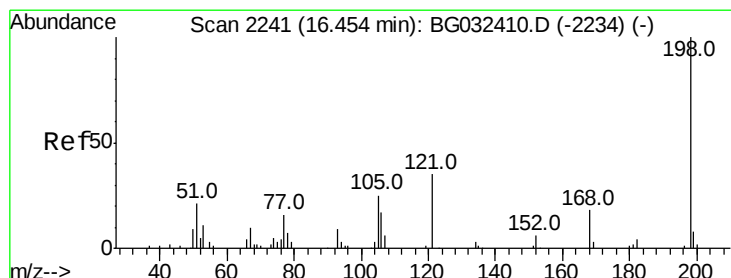
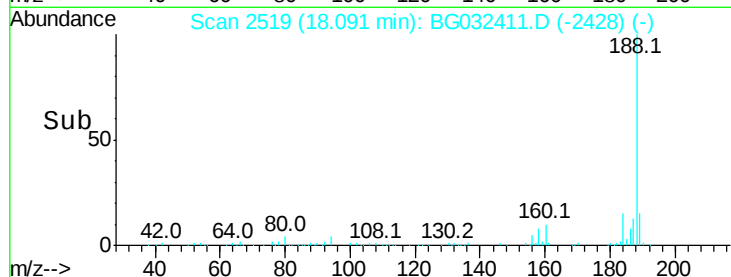
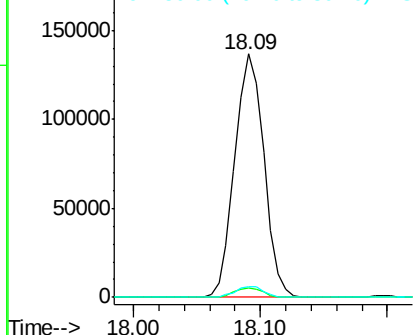
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 218461
 Ion Ratio Lower Upper
 188 100
 94 3.7 6.9 10.3#
 80 4.1 7.7 11.5#

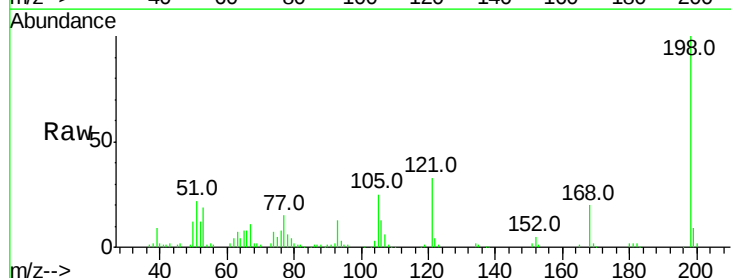


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

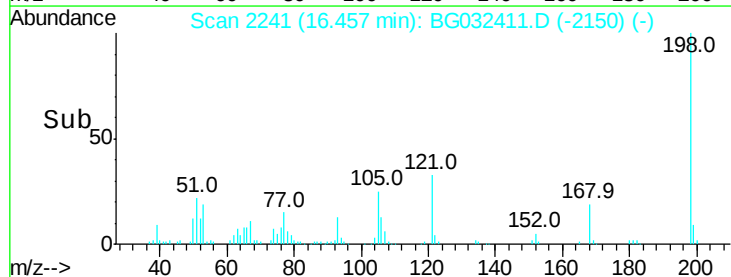
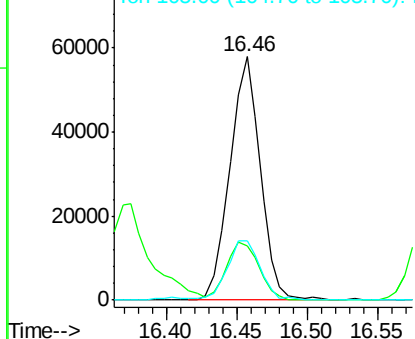


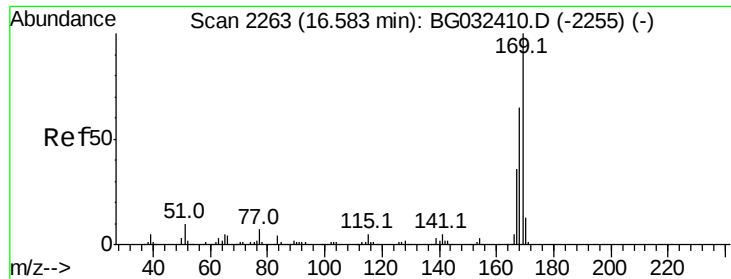
#64
 4,6-Dinitro-2-methylphenol
 Concen: 66.771 ng
 RT: 16.46 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:198 Resp: 86801
 Ion Ratio Lower Upper
 198 100
 51 22.3 30.6 70.6#
 105 24.5 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

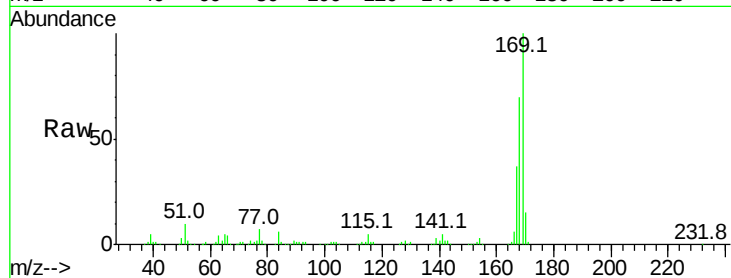




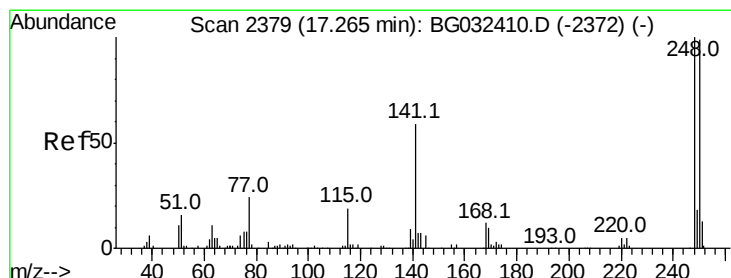
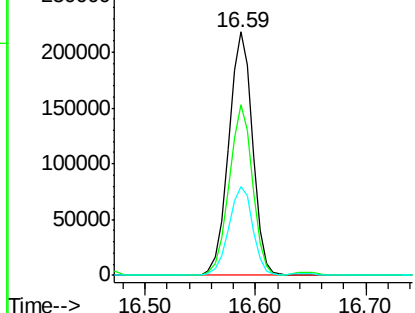
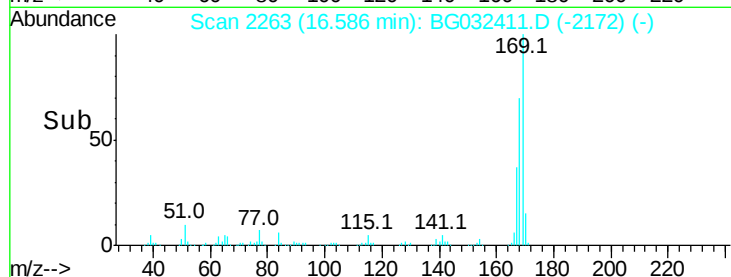
#65
 n-Nitrosodiphenylamine
 Concen: 49.871 ng
 RT: 16.59 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	70.0	55.7	83.5
167	36.7	30.1	45.1

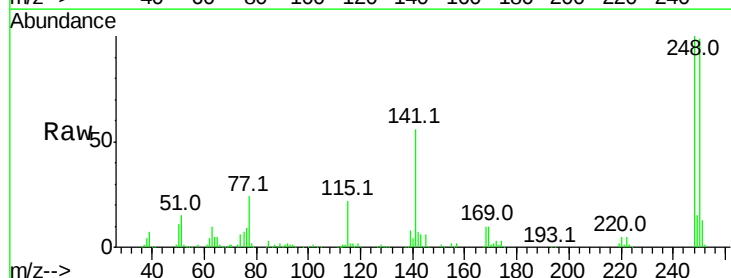


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

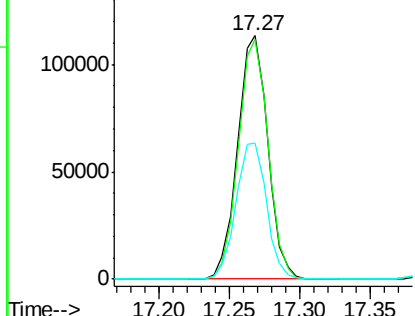
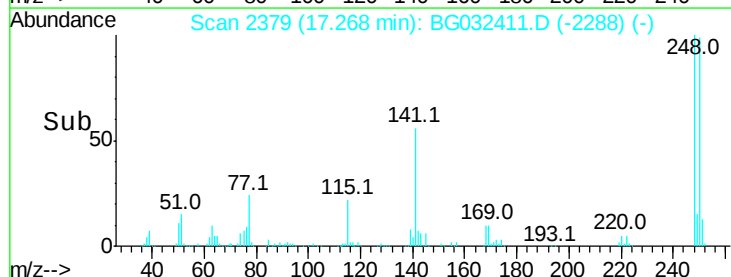


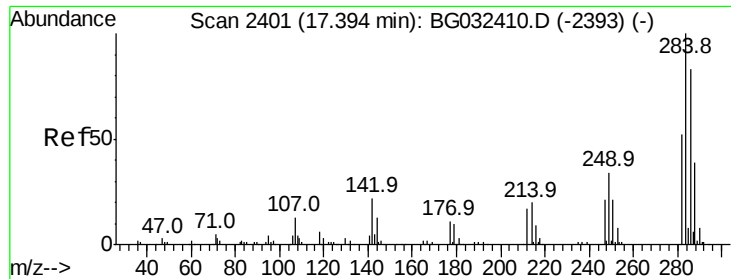
#66
 4-Bromophenyl-phenylether
 Concen: 54.551 ng
 RT: 17.27 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	77.1	115.7
141	55.8	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

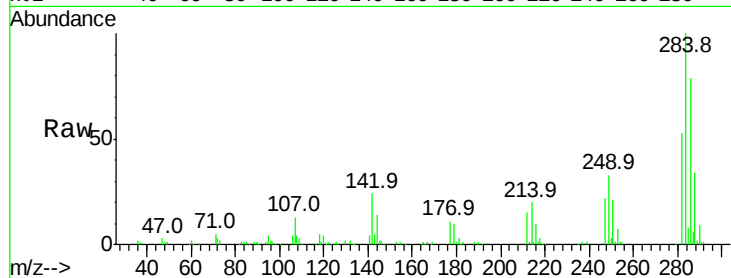




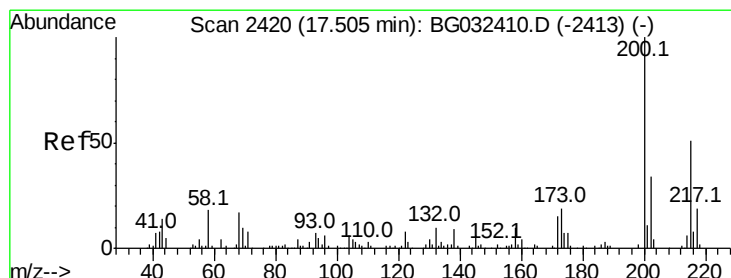
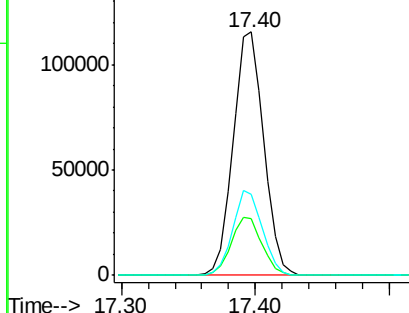
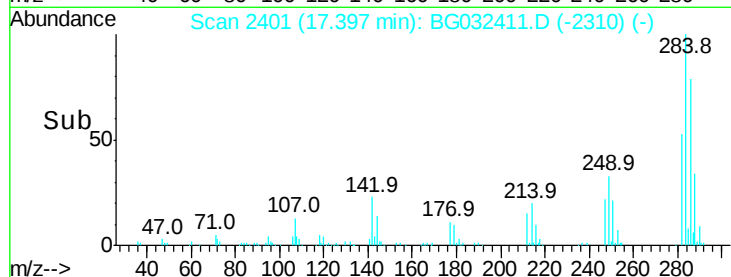
#67
Hexachlorobenzene
Concen: 53.279 ng
RT: 17.40 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 183219
Ion Ratio Lower Upper
284 100
142 23.5 26.8 40.2#
249 33.2 26.3 39.5

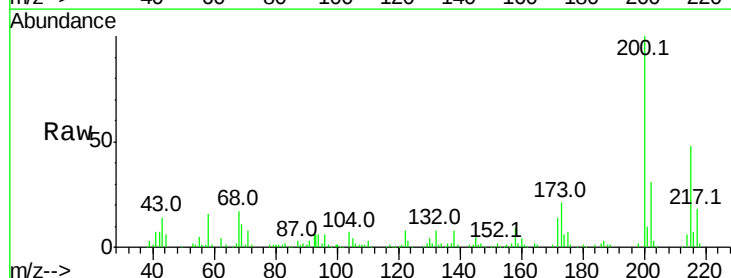


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

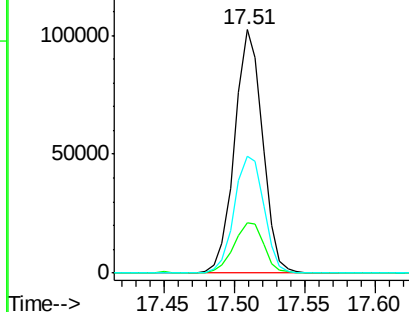
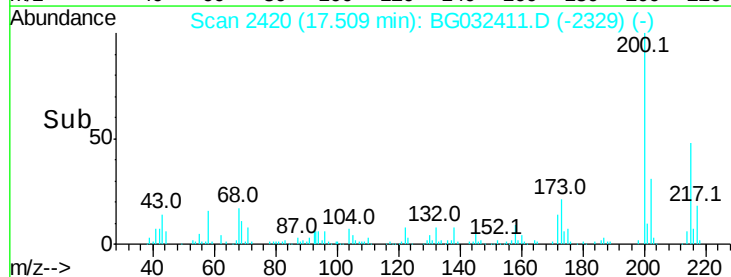


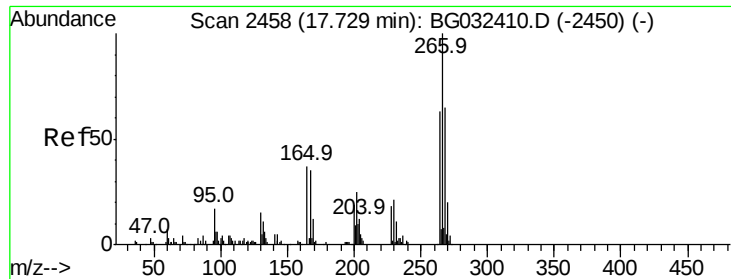
#68
Atrazine
Concen: 50.639 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion:200 Resp: 141172
Ion Ratio Lower Upper
200 100
173 20.5 5.2 45.2
215 48.2 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

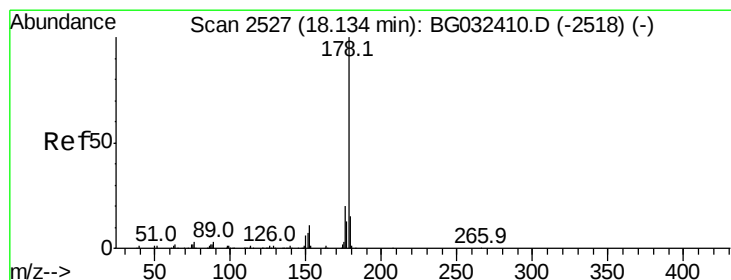
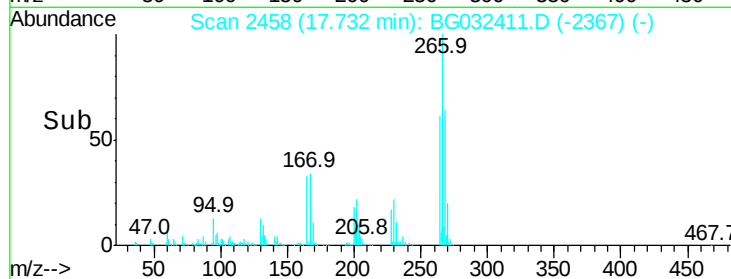
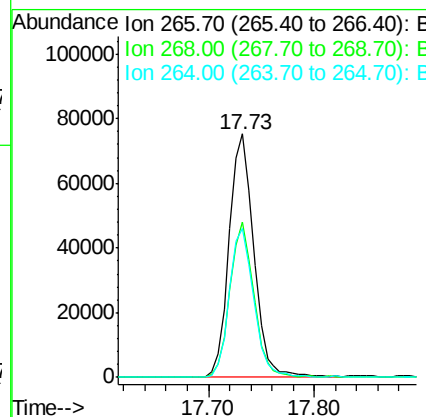
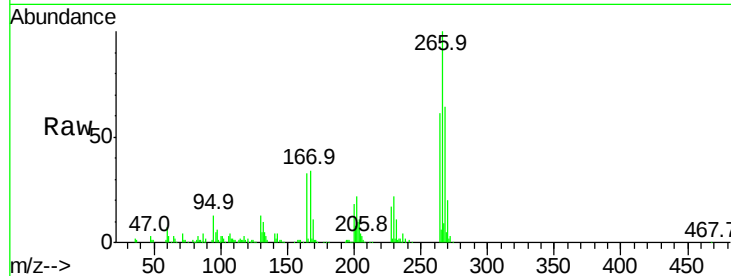




#69
 Pentachlorophenol
 Concen: 55.586 ng
 RT: 17.73 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

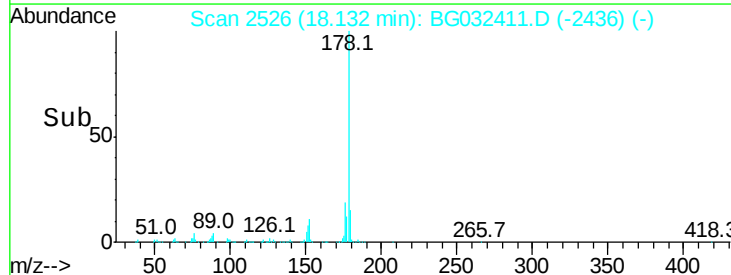
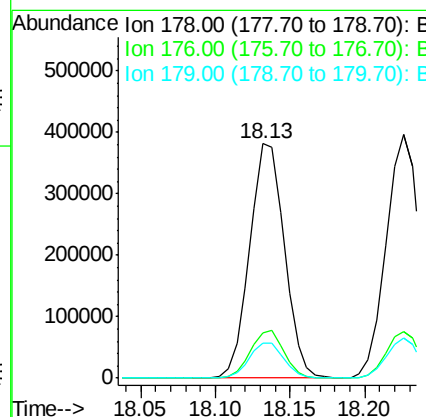
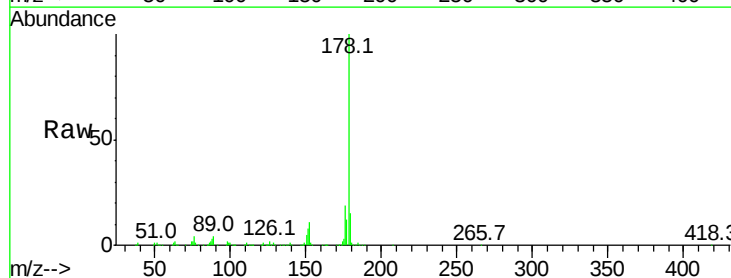
Instrument :
 BNA_G
 ClientSampleId :

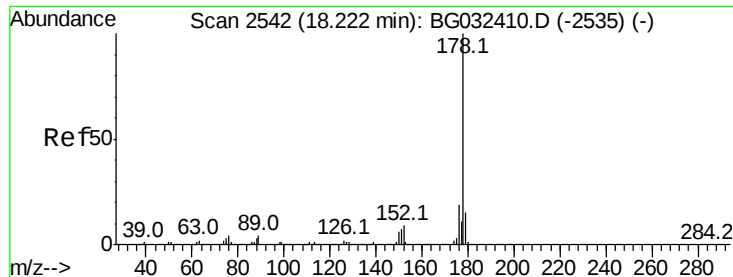
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	61.1	49.6	74.4



#70
 Phenanthrene
 Concen: 50.452 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.0	12.5	18.7

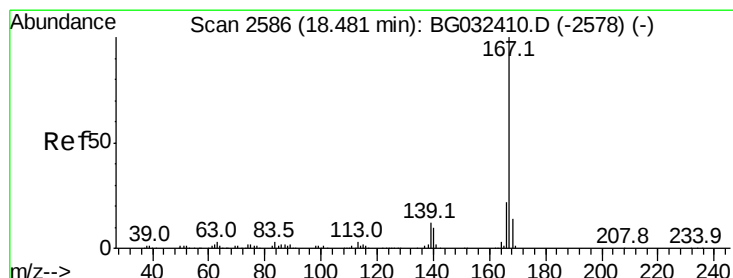
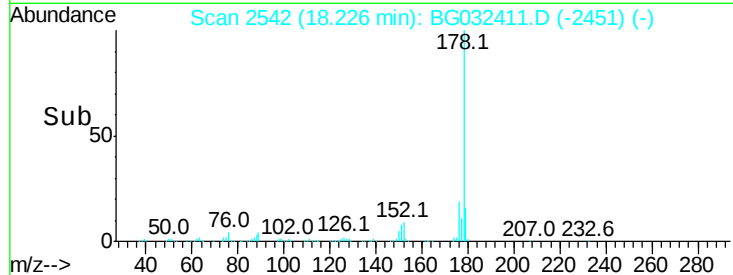
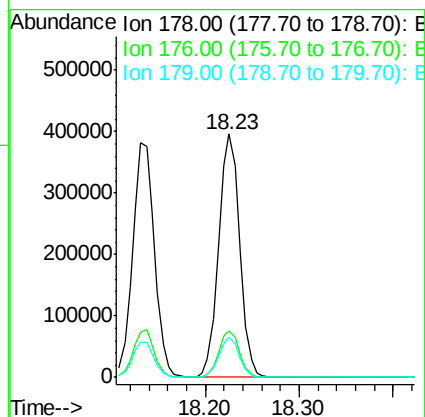
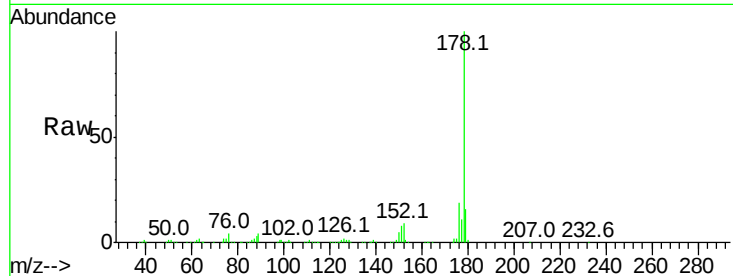




#71
 Anthracene
 Concen: 51.205 ng
 RT: 18.23 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

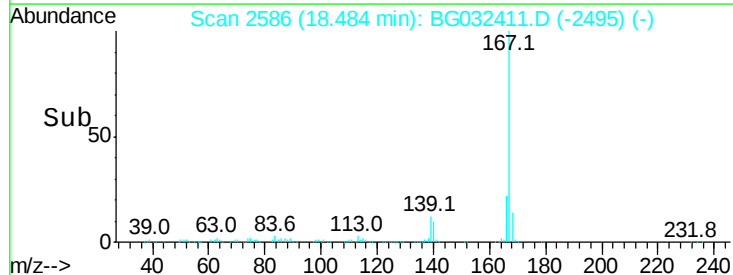
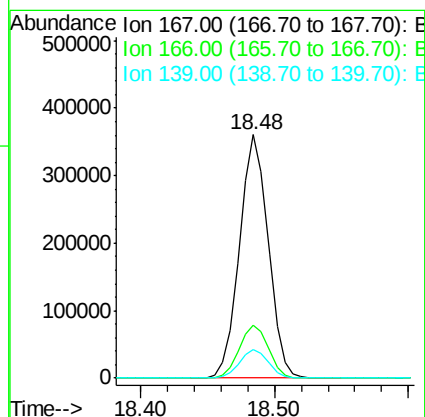
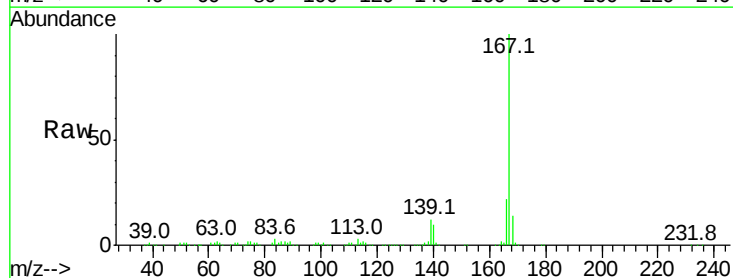
Instrument :
 BNA_G
 ClientSampleId :

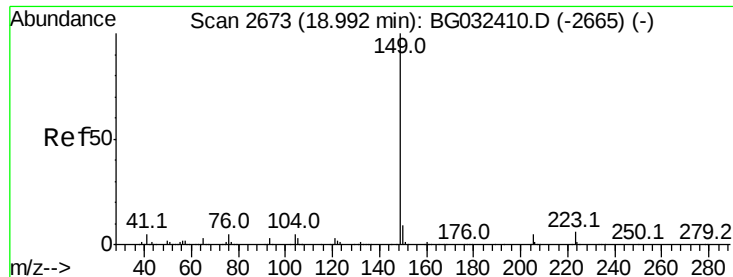
Tot Ion:178 Resp: 621183
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.5 12.5 18.7



#72
 Carbazole
 Concen: 51.029 ng
 RT: 18.48 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:167 Resp: 537018
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 11.9 9.4 14.2





#73

Di-n-butylphthalate

Concen: 48.839 ng

RT: 18.99 min Scan# 2672

Delta R.T. -0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

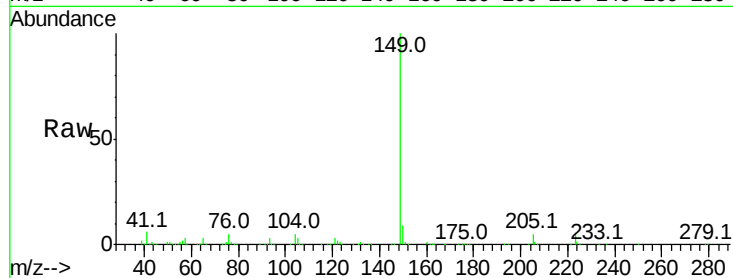
Tot Ion:149 Resp: 607331

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

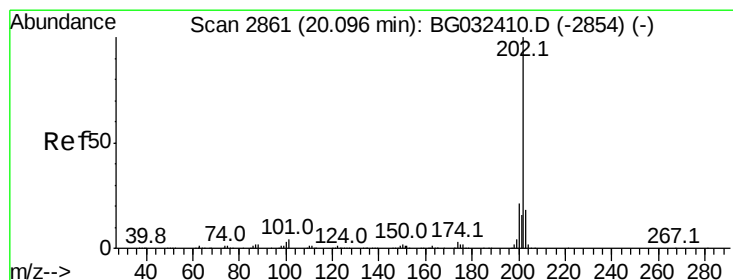
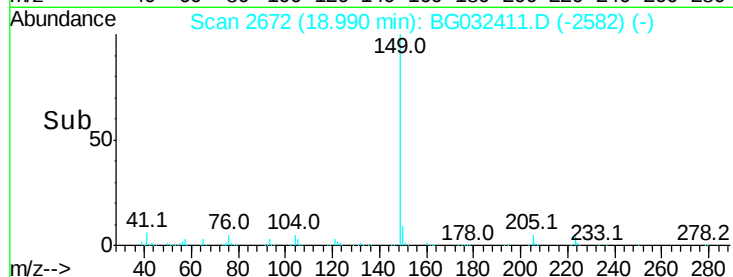
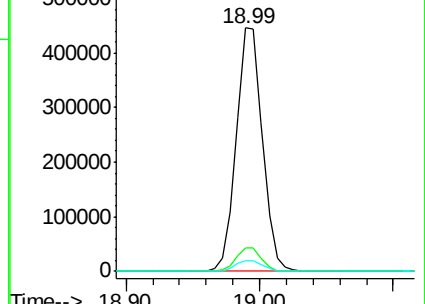
104 4.6 3.9 5.9



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: 51.815 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

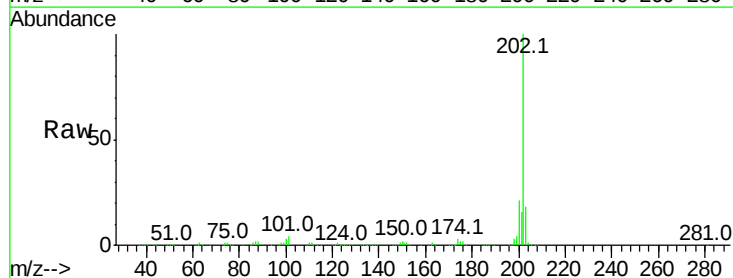
Tgt Ion:202 Resp: 789076

Ion Ratio Lower Upper

202 100

101 3.6 0.0 28.9

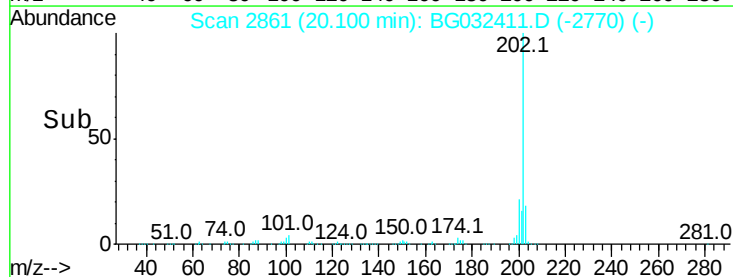
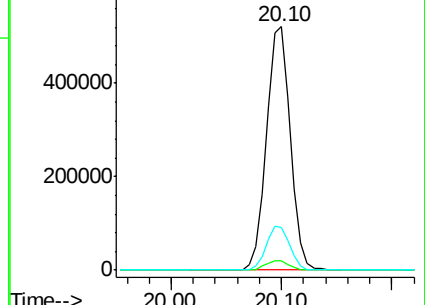
203 17.6 0.0 37.5

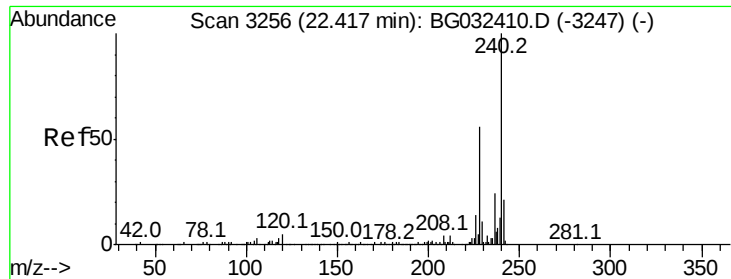


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

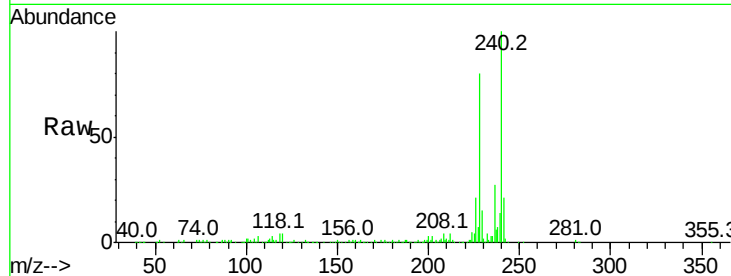
Tot Ion:240 Resp: 260304

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

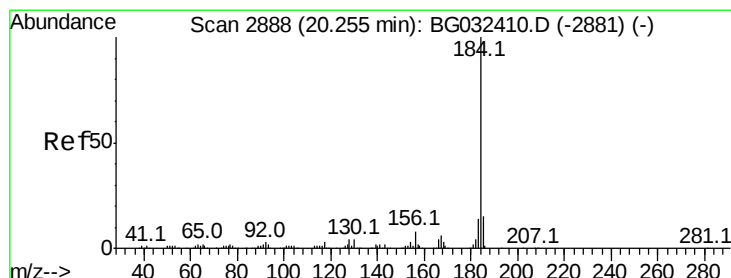
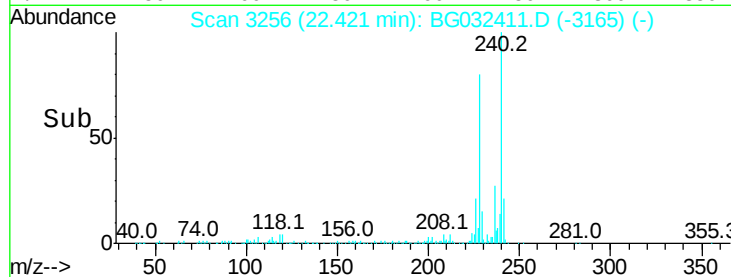
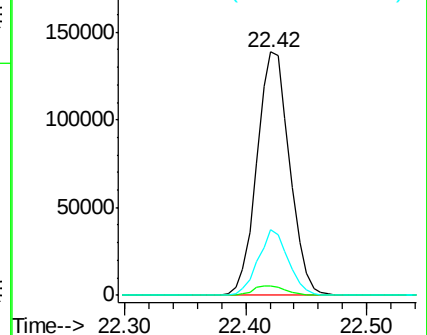
236 27.1 20.9 31.3



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: 40.878 ng

RT: 20.26 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

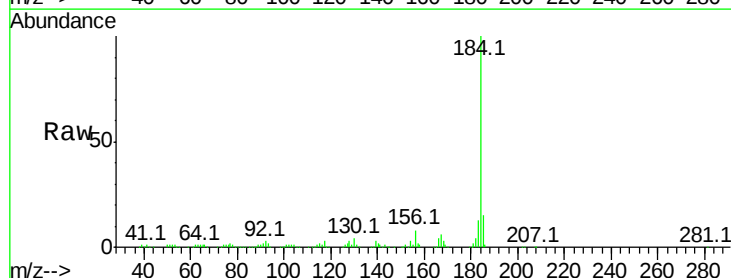
Tgt Ion:184 Resp: 266083

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

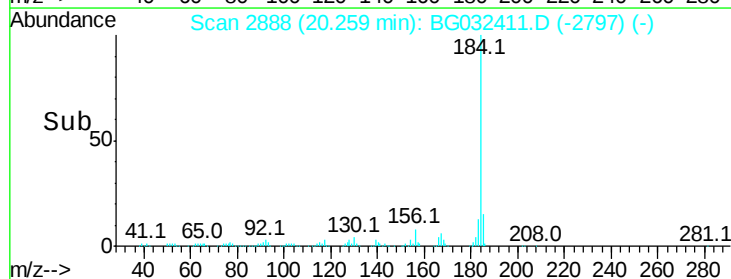
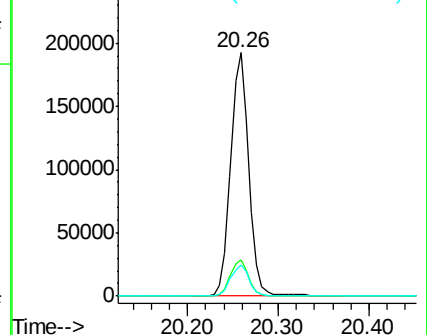
183 12.7 10.6 16.0

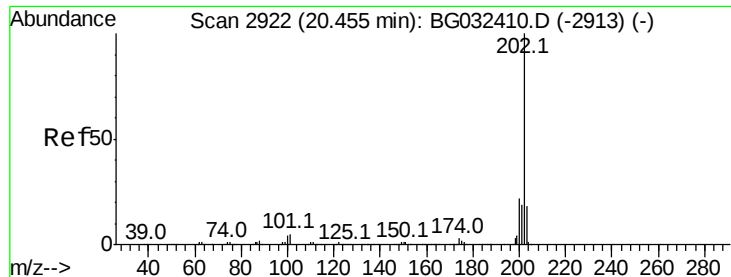


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

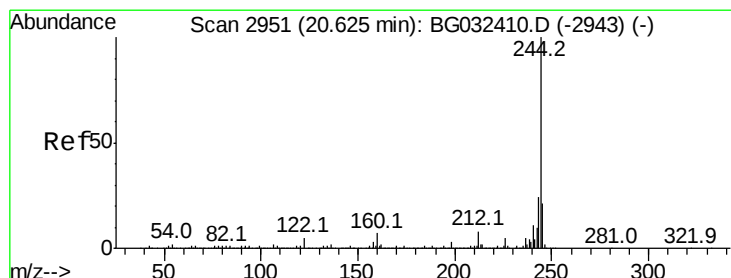
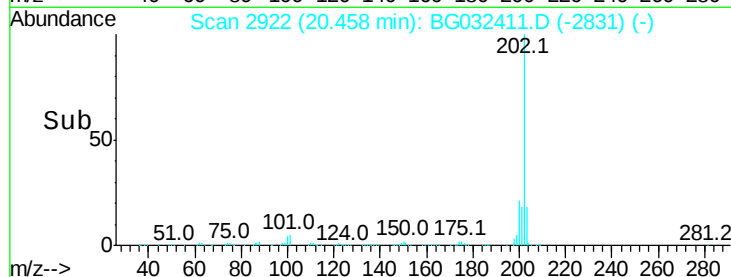
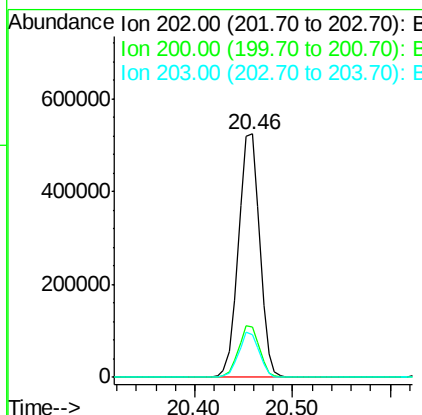
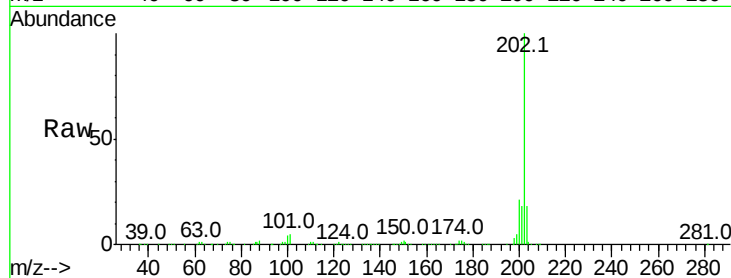




#77
Pvrene
Concen: 48.554 ng
RT: 20.46 min Scan# 2922
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

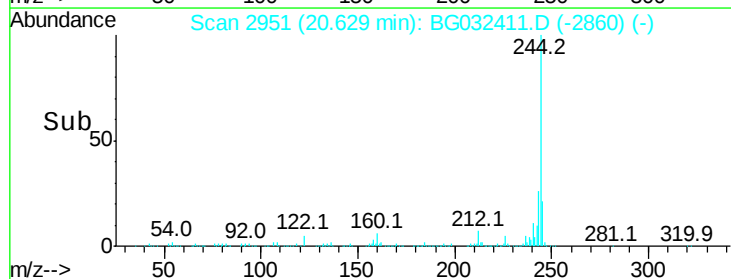
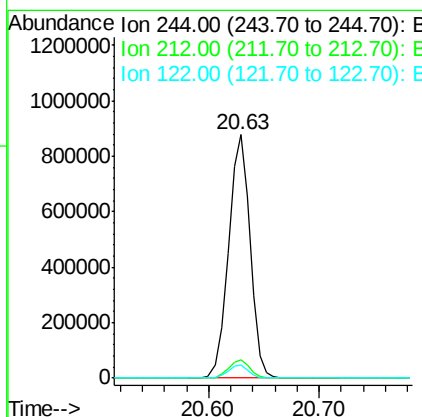
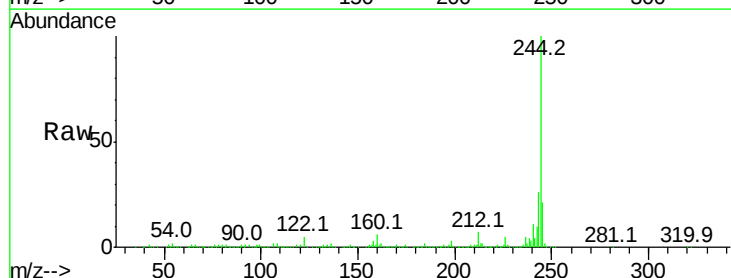
Instrument :
BNA_G
ClientSampleId :

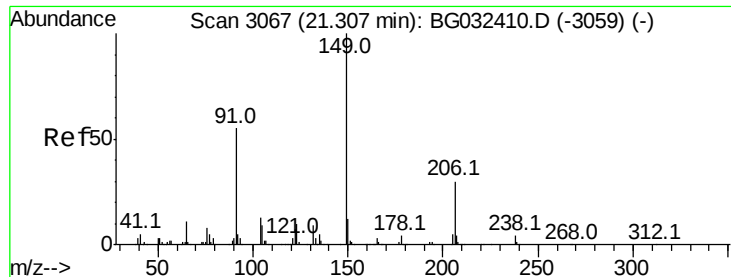
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.6	13.9	20.9



#78
Terphenyl-d14
Concen: 101.477 ng
RT: 20.63 min Scan# 2951
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.3	7.0	10.4#

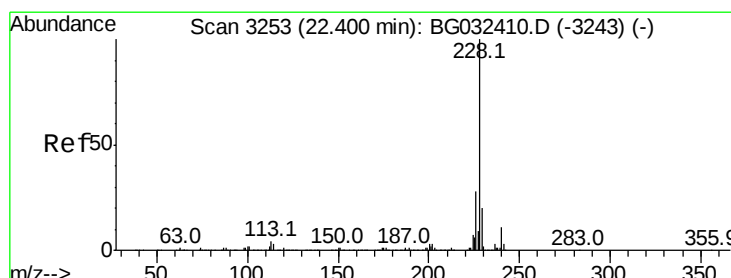
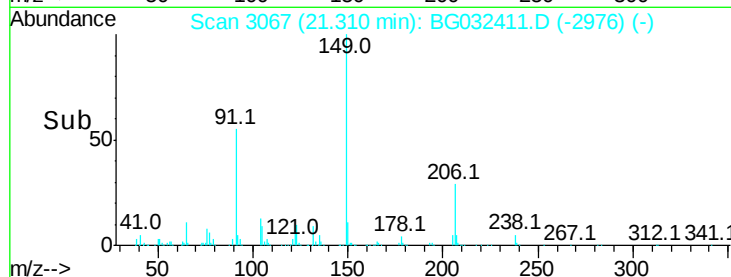
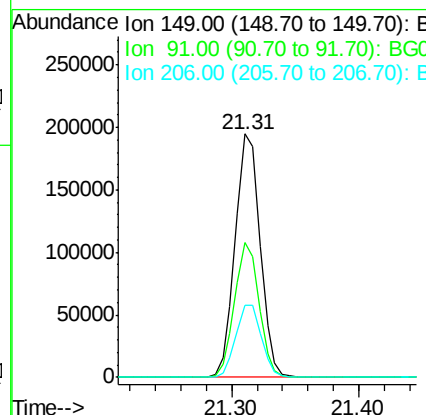
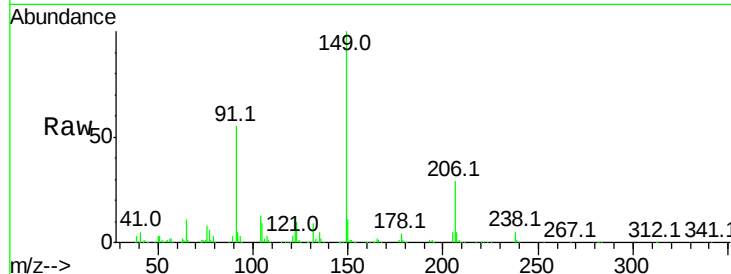




#79
Butylbenzylphthalate
Concen: 45.160 ng
RT: 21.31 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

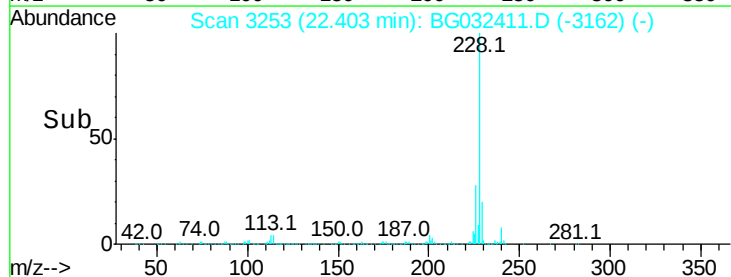
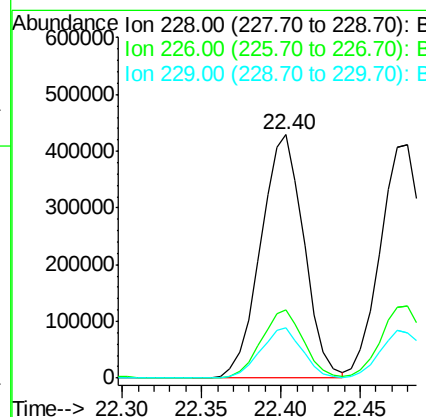
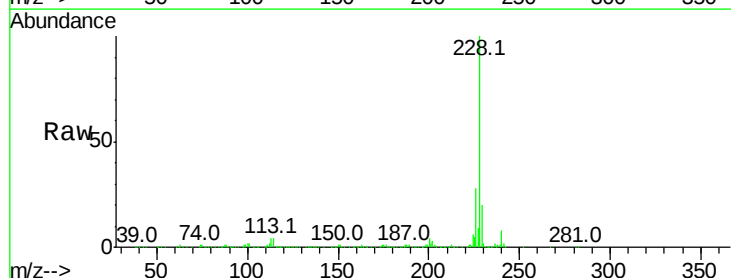
Instrument :
BNA_G
ClientSampleID :

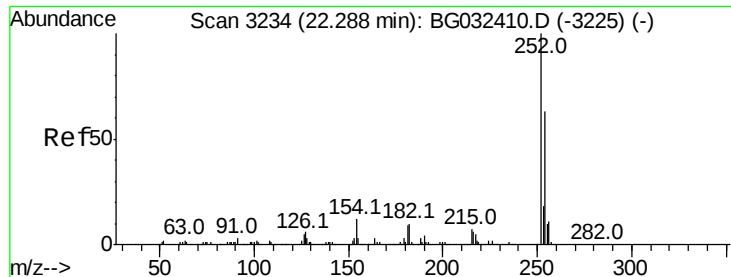
Tot Ion:149 Resp: 264770
Ion Ratio Lower Upper
149 100
91 55.3 62.2 93.2#
206 29.4 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 50.012 ng
RT: 22.40 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BG032411.D
Acq: 29 Jan 2018 12:29

Tgt Ion:228 Resp: 809623
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.4 16.2 24.2

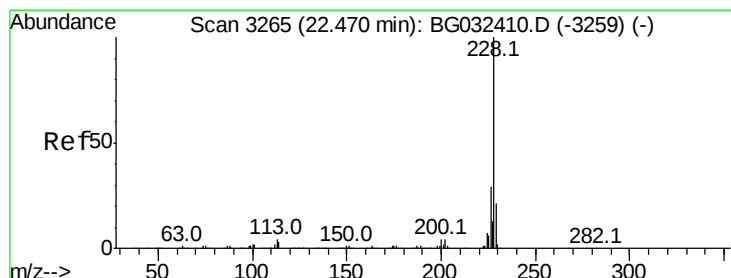
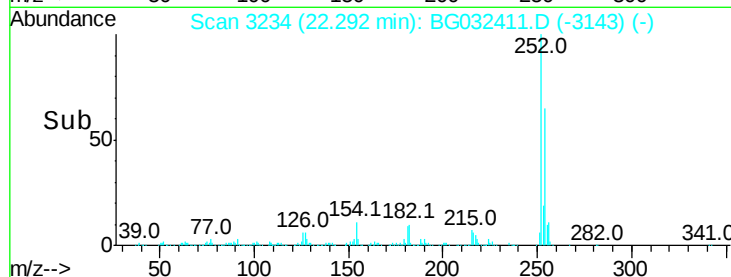
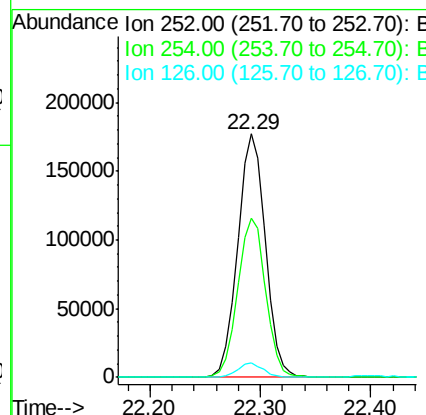
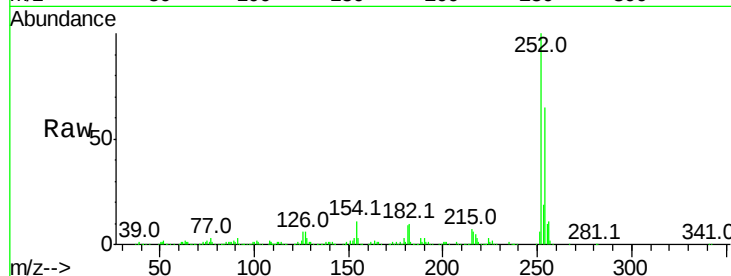




#81
 3,3'-Dichlorobenzidine
 Concen: 51.652 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

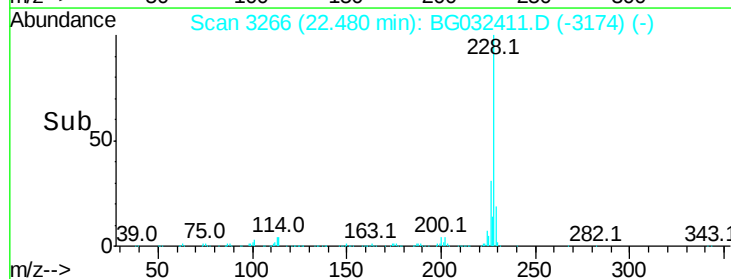
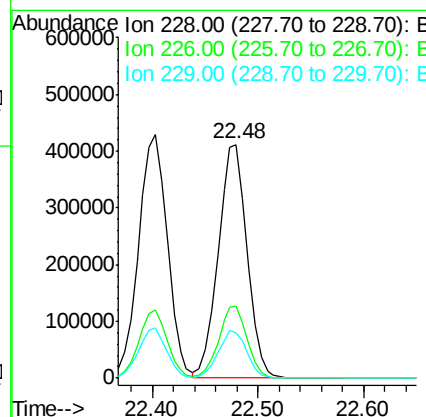
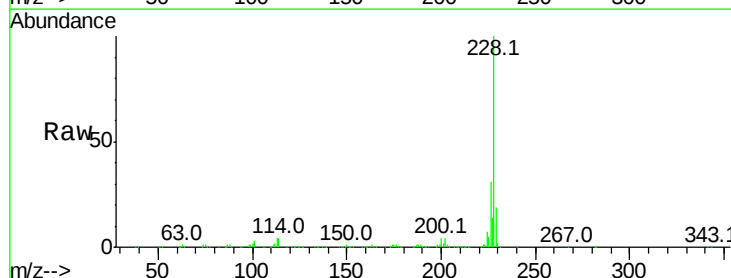
Instrument :
 BNA_G
 ClientSampleId :

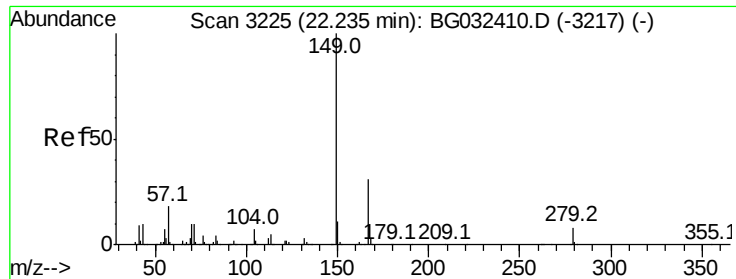
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.8	76.2
126	5.8	7.4	11.2#



#82
 Chrysene
 Concen: 50.292 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. 0.01 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.4	15.0	22.4

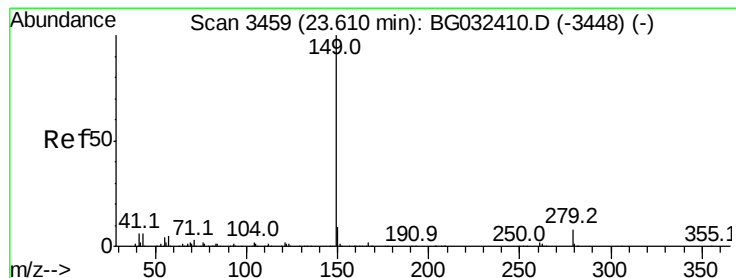
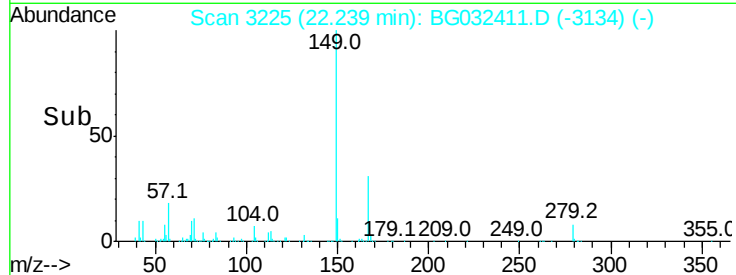
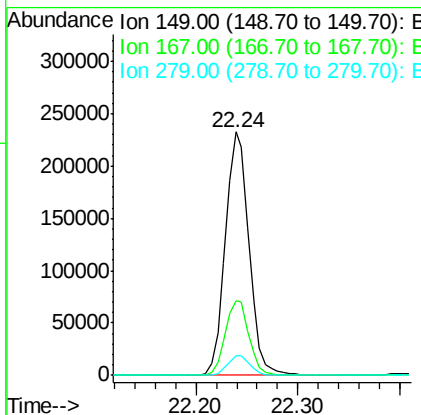
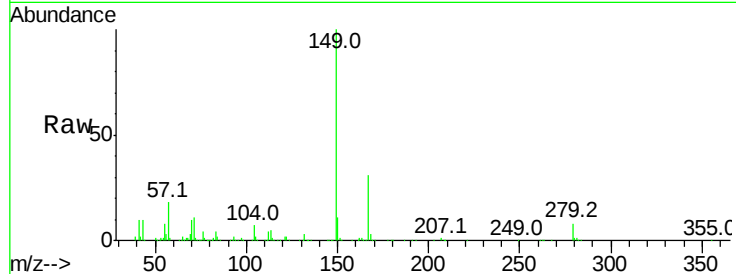




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.526 ng
 RT: 22.24 min Scan# 3225
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

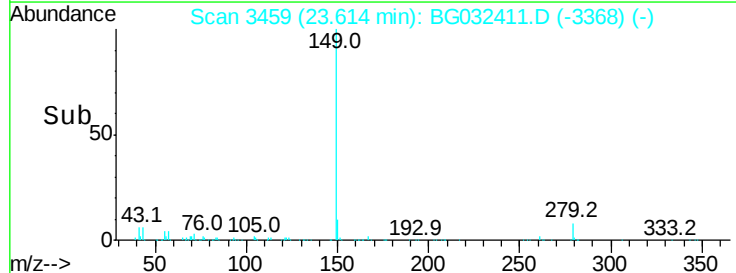
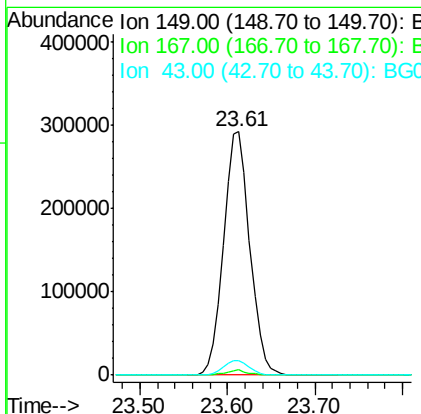
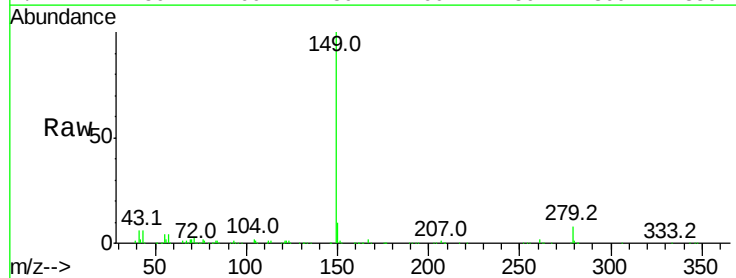
Instrument :
 BNA_G
 ClientSampleId :

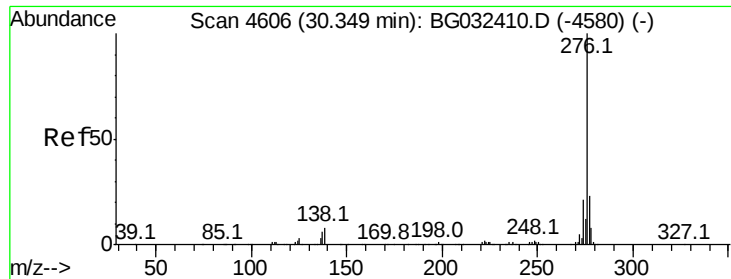
Tot Ion:149 Resp: 374212
 Ion Ratio Lower Upper
 149 100
 167 30.6 24.3 36.5
 279 8.1 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 43.833 ng
 RT: 23.61 min Scan# 3459
 Delta R.T. 0.00 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:149 Resp: 598533
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 5.9 8.9 13.3#



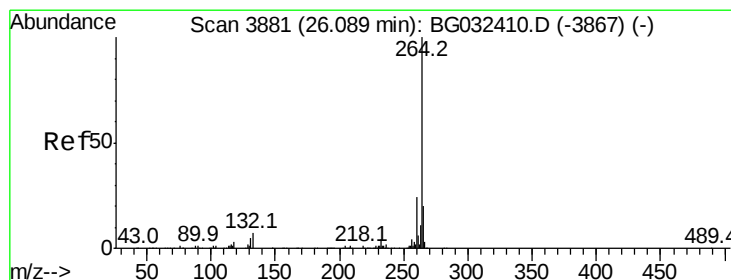
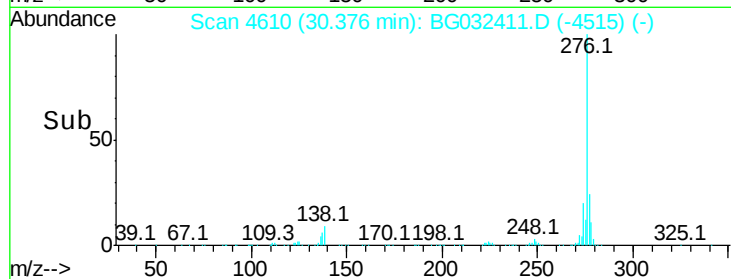
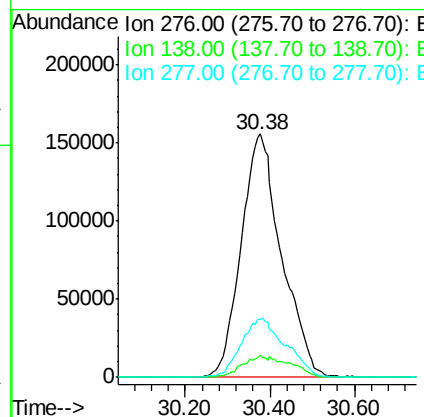
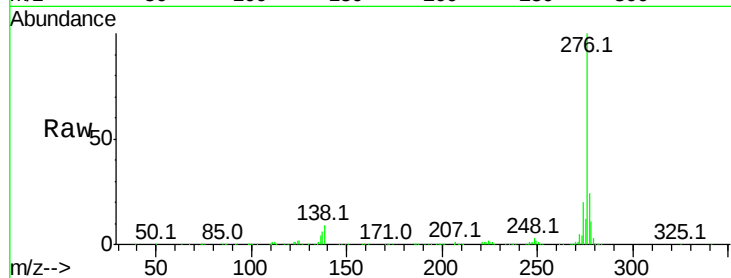


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.212 ng
 RT: 30.38 min Scan# 4610
 Delta R.T. 0.03 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1031438

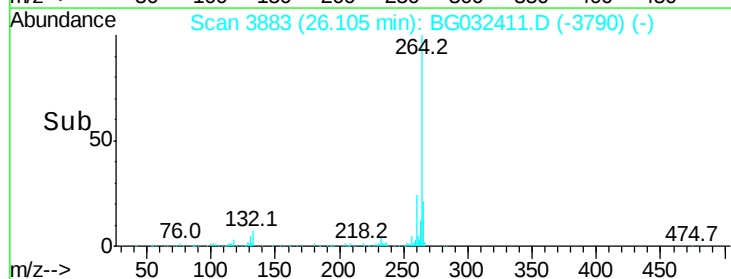
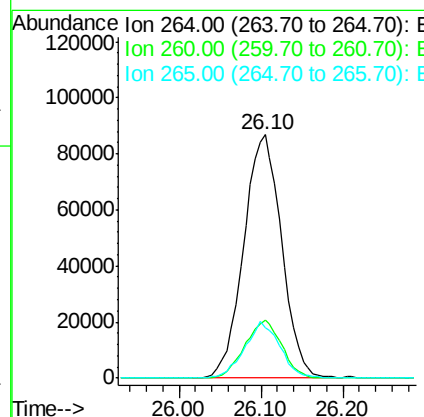
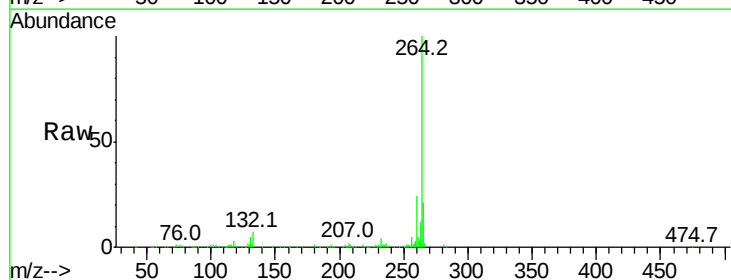
Ion	Ratio	Lower	Upper
276	100		
138	5.3	16.0	24.0#
277	26.6	20.0	30.0

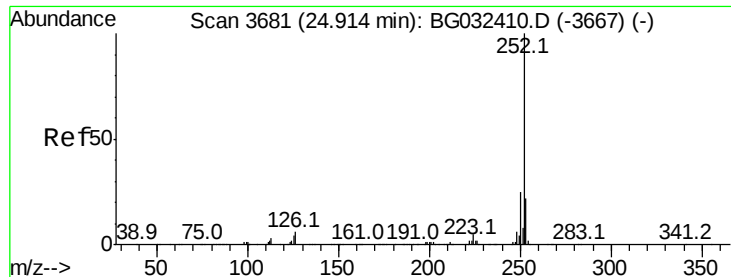


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3883
 Delta R.T. 0.02 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Tgt Ion:264 Resp: 279625

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 50.360 ng

RT: 24.92 min Scan# 3682

Delta R.T. 0.01 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

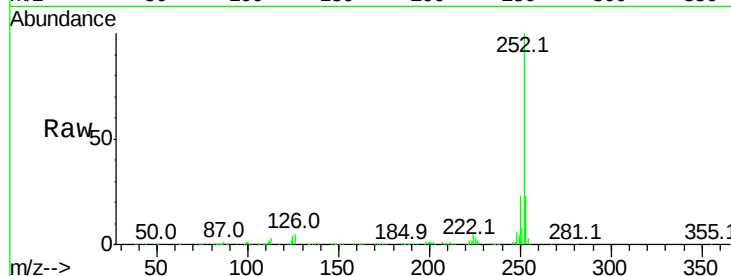
Tot Ion:252 Resp: 851174

Ion Ratio Lower Upper

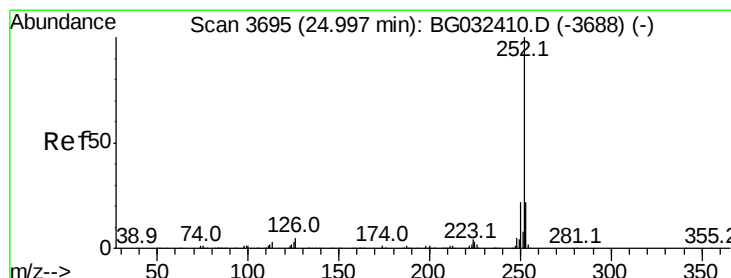
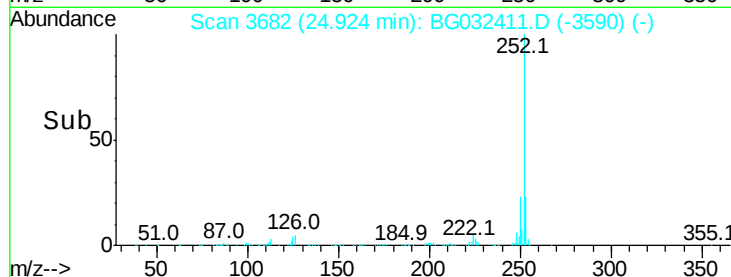
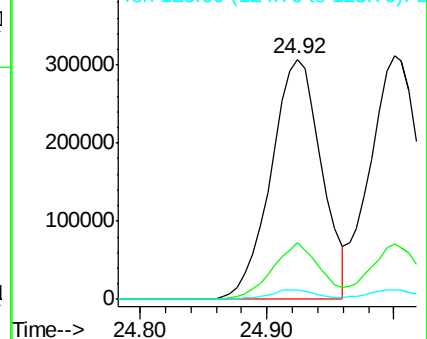
252 100

253 23.4 18.2 27.4

125 4.0 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 51.799 ng

RT: 25.00 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

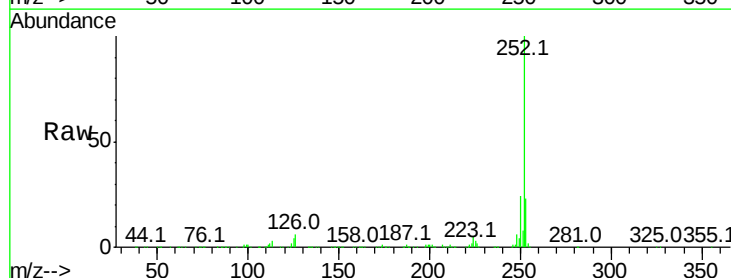
Tgt Ion:252 Resp: 855503

Ion Ratio Lower Upper

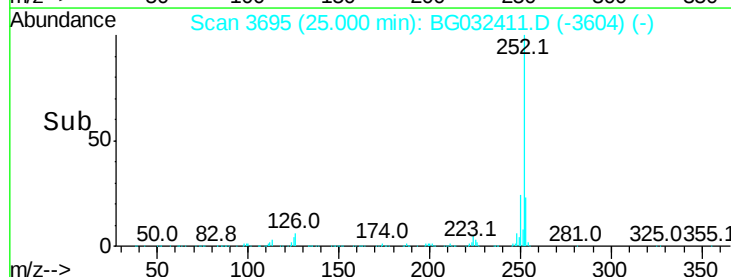
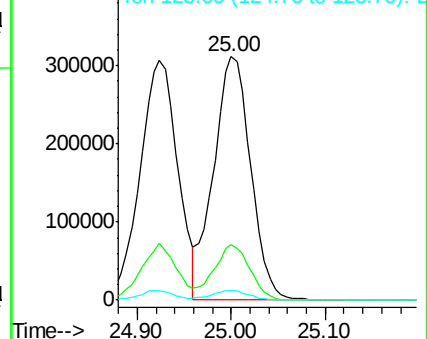
252 100

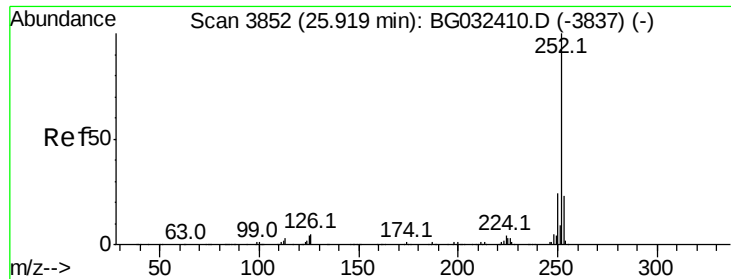
253 22.9 17.4 26.2

125 4.0 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 51.746 ng

RT: 25.93 min Scan# 3854

Delta R.T. 0.02 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

Instrument :

BNA_G

ClientSampleId :

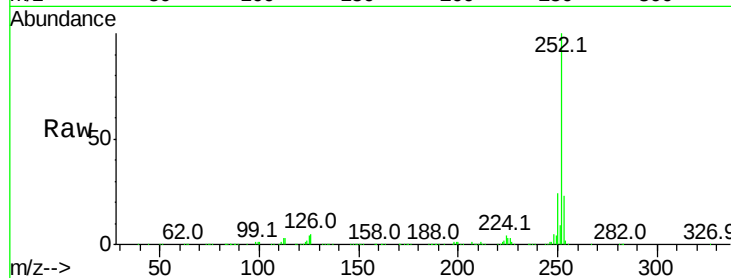
Tot Ion:252 Resp: 827340

Ion Ratio Lower Upper

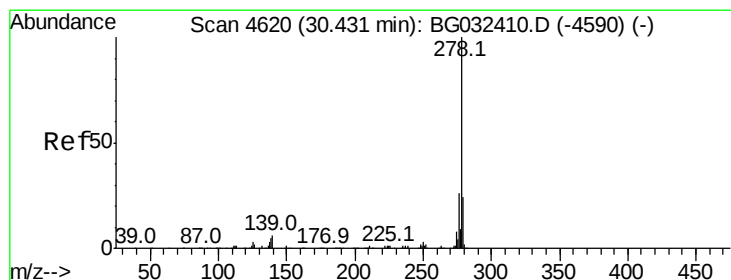
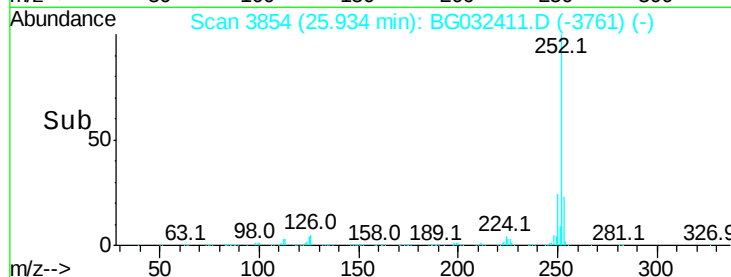
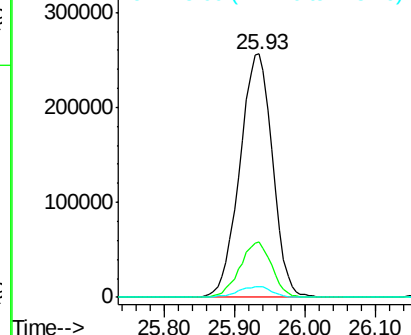
252 100

253 22.6 18.3 27.5

125 4.3 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: 55.621 ng

RT: 30.45 min Scan# 4622

Delta R.T. 0.02 min

Lab File: BG032411.D

Acq: 29 Jan 2018 12:29

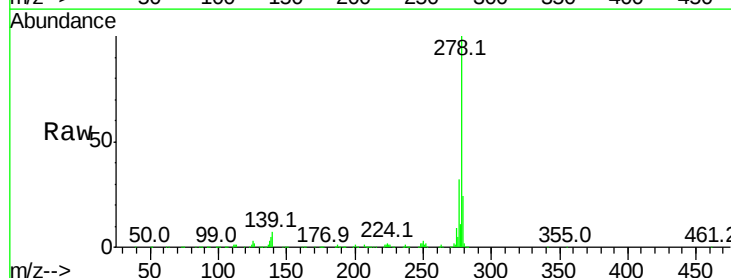
Tgt Ion:278 Resp: 856963

Ion Ratio Lower Upper

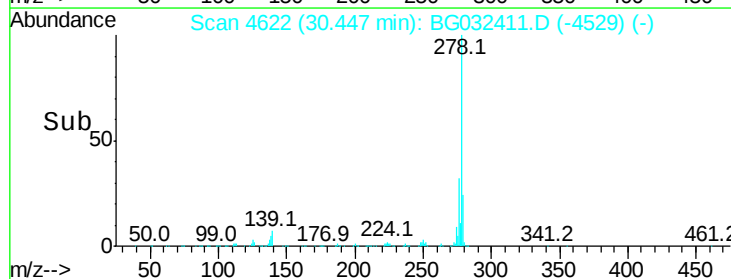
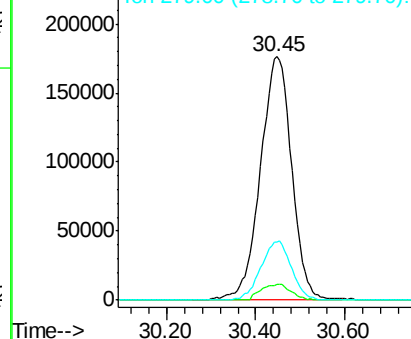
278 100

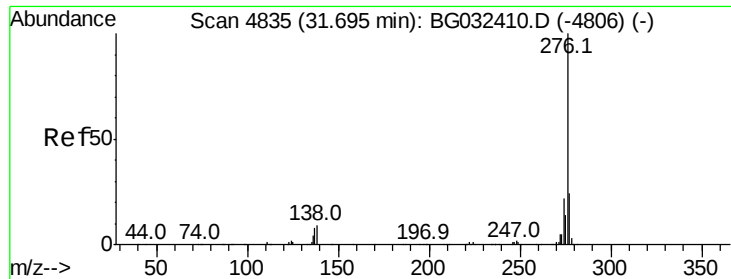
139 6.7 9.8 14.6#

279 23.9 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

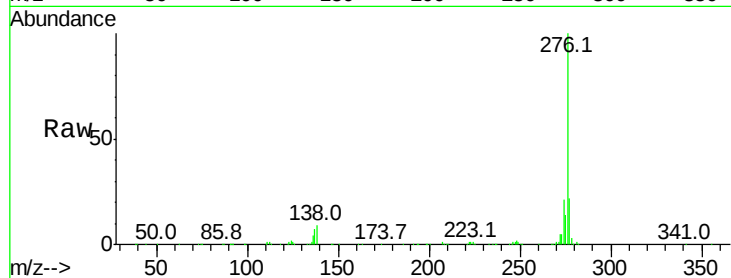




#91
 Benzo(a,h,i)perylene
 Concen: 53.539 ng
 RT: 31.73 min Scan# 4840
 Delta R.T. 0.03 min
 Lab File: BG032411.D
 Acq: 29 Jan 2018 12:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.3	27.5
138	8.9	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

