

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032469.D
 Acq On : 31 Jan 2018 17:22
 Operator : SJ/JU
 Sample : PB106216BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 01:38:21 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 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27691	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	113296	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	81683	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	207721	20.00	ng	0.00
75) Chrysene-d12	22.41	240	261607	20.00	ng	0.00
86) Perylene-d12	26.09	264	288996	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	116435	84.46	ng	0.00
7) Phenol-d6	7.84	99	143407	77.95	ng	0.00
23) Nitrobenzene-d5	9.91	82	132806	73.22	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	118640	76.30	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	482199	70.16	ng	-0.01
78) Terphenyl-d14	20.62	244	910582	74.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	16392	35.339	ng	# 76
3) Pyridine	4.26	79	45838	36.598	ng	# 86
4) n-Nitrosodimethylamine	4.17	42	26948	41.332	ng	# 65
6) Aniline	8.01	93	36117	15.746	ng	# 90
8) 2-Chlorophenol	8.26	128	68036	41.749	ng	# 82
9) Benzaldehyde	7.81	77	19969	21.016	ng	# 84
10) Phenol	7.87	94	70778	40.513	ng	# 88
11) bis(2-Chloroethyl)ether	8.10	93	45512	34.190	ng	# 85
12) 1,3-Dichlorobenzene	8.60	146	81423	36.945	ng	# 94
13) 1,4-Dichlorobenzene	8.75	146	83676	37.881	ng	# 88
14) 1,2-Dichlorobenzene	9.08	146	78881	36.453	ng	# 95
15) Benzyl Alcohol	8.95	79	55131	36.361	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	9.24	45	44146	34.998	ng	# 70
17) 2-Methylphenol	9.16	107	52314	36.869	ng	# 94
18) Hexachloroethane	9.83	117	27754	37.423	ng	# 82
19) n-Nitroso-di-n-propylamine	9.52	70	39235	32.165	ng	# 92
20) 3+4-Methylphenols	9.49	107	72832	36.593	ng	# 96
22) Acetophenone	9.55	105	91948	34.622	ng	# 91
24) Nitrobenzene	9.96	77	65289	37.223	ng	# 83
25) Isophorone	10.48	82	113761	36.833	ng	# 84
26) 2-Nitrophenol	10.68	139	41074	38.739	ng	# 78
27) 2,4-Dimethylphenol	10.72	122	64123	42.135	ng	# 94
28) bis(2-Chloroethoxy)methane	10.96	93	66536	39.286	ng	# 96
29) 2,4-Dichlorophenol	11.23	162	83914	41.624	ng	# 88
30) 1,2,4-Trichlorobenzene	11.44	180	95697	35.615	ng	# 92
31) Naphthalene	11.64	128	199146	35.989	ng	# 97
32) Benzoic acid	10.86	122	45330	41.153	ng	# 89
33) 4-Chloroaniline	11.75	127	32096	13.005	ng	# 90
34) Hexachlorobutadiene	11.91	225	73131	34.982	ng	# 96
35) Caprolactam	12.50	113	23005	39.750	ng	# 40
36) 4-Chloro-3-methylphenol	12.83	107	74198	38.801	ng	# 82
37) 2-Methylnaphthalene	13.21	142	167498	36.031	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	131007	34.283	ng	# 97
40) Hexachlorocyclopentadiene	13.54	237	178956	74.951	ng	# 93

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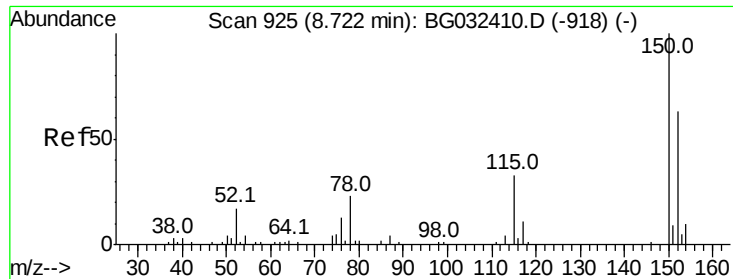
Instrument :
 BNA_G
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Quant Time: Feb 01 01:38:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.80	196	79545	38.269	nq	96
43) 2,4,5-Trichlorophenol	13.87	196	91711	37.849	nq	# 91
45) 1,1'-Biphenyl	14.19	154	238836	34.609	nq	95
46) 2-Chloronaphthalene	14.24	162	189415	35.019	nq	95
47) 2-Nitroaniline	14.44	65	42813	35.793	nq	# 77
48) Acenaphthylene	15.08	152	286337	35.018	nq	100
49) Dimethylphthalate	14.78	163	258283	34.294	nq	99
50) 2,6-Dinitrotoluene	14.91	165	56259	35.589	nq	# 77
51) Acenaphthene	15.41	154	216167	38.119	nq	99
52) 3-Nitroaniline	15.25	138	26840	19.439	nq	# 67
53) 2,4-Dinitrophenol	15.45	184	61188	62.933	nq	# 55
54) Dibenzofuran	15.74	168	310965	37.048	nq	99
55) 4-Nitrophenol	15.54	139	76388	73.898	nq	# 80
56) 2,4-Dinitrotoluene	15.69	165	82779	36.779	nq	# 70
57) Fluorene	16.39	166	247177	35.439	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	97144	40.649	nq	# 84
59) Diethylphthalate	16.12	149	254634	34.713	nq	97
60) 4-Chlorophenyl-phenylether	16.36	204	158516	36.041	nq	95
61) 4-Nitroaniline	16.40	138	46647	31.520	nq	84
62) Azobenzene	16.66	77	158862	36.240	nq	84
64) 4,6-Dinitro-2-methylphenol	16.44	198	50881	32.788	nq	# 68
65) n-Nitrosodiphenylamine	16.57	169	227846	36.755	nq	99
66) 4-Bromophenyl-phenylether	17.26	248	116554	37.875	nq	95
67) Hexachlorobenzene	17.39	284	124253	36.485	nq	# 90
68) Atrazine	17.50	200	106725	40.105	nq	97
69) Pentachlorophenol	17.73	266	144131	67.560	nq	97
70) Phenanthrene	18.13	178	427721	36.923	nq	100
71) Anthracene	18.21	178	437908	37.966	nq	98
72) Carbazole	18.48	167	364773	35.793	nq	100
73) Di-n-butylphthalate	18.98	149	422351	37.431	nq	99
74) Fluoranthene	20.09	202	564593	37.165	nq	93
76) Benzidine	20.25	184	168153	32.734	nq	96
77) Pyrene	20.45	202	565647	35.253	nq	100
79) Butylbenzylphthalate	21.30	149	195202	38.569	nq	# 74
80) Benzo(a)anthracene	22.39	228	612848	37.788	nq	99
81) 3,3'-Dichlorobenzidine	22.28	252	113214	18.017	nq	# 99
82) Chrysene	22.46	228	567912	36.259	nq	98
83) Bis(2-ethylhexyl)phthalate	22.23	149	271634	37.852	nq	# 99
84) Di-n-octyl phthalate	23.60	149	473790	41.625	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.35	276	774810	39.105	nq	# 85
87) Benzo(b)fluoranthene	24.91	252	644639	36.917	nq	# 94
88) Benzo(k)fluoranthene	24.98	252	653804	37.796	nq	# 96
89) Benzo(a)pyrene	25.91	252	638107	38.331	nq	# 96
90) Dibenzo(a,h)anthracene	30.42	278	647741	38.036	nq	# 95
91) Benzo(g,h,i)perylene	31.69	276	643707	38.081	nq	# 89

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

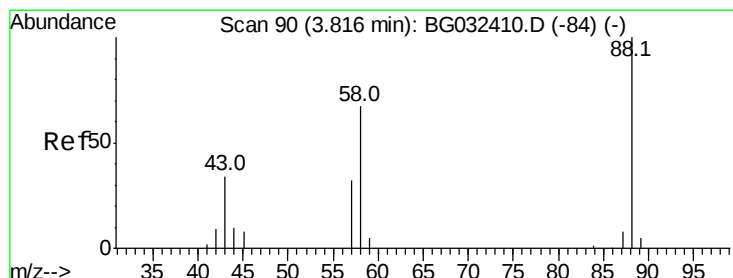
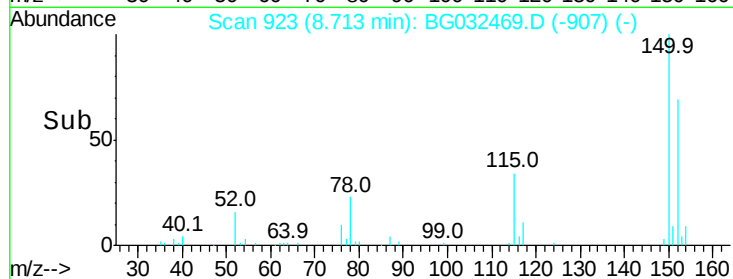
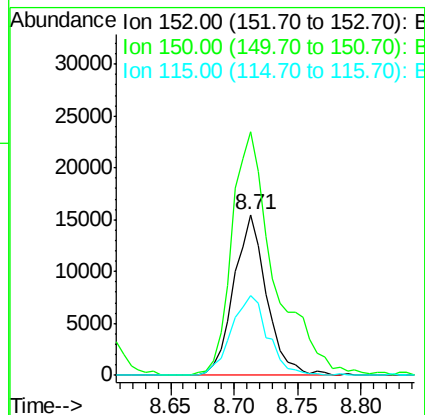
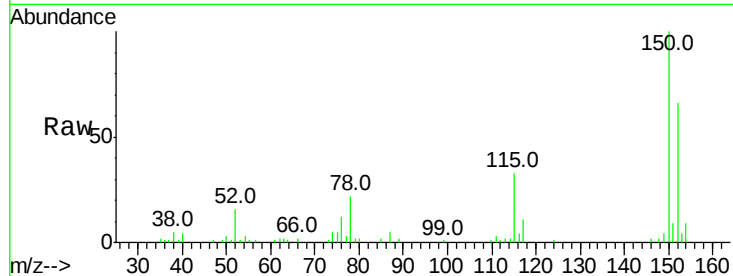


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :

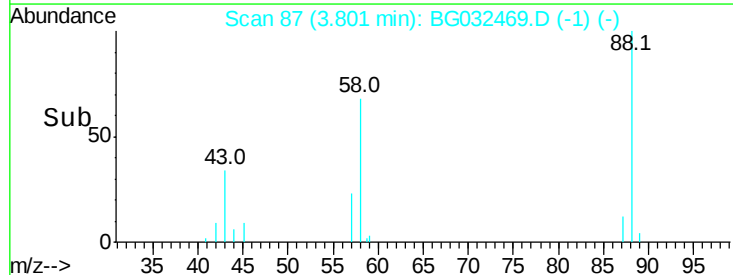
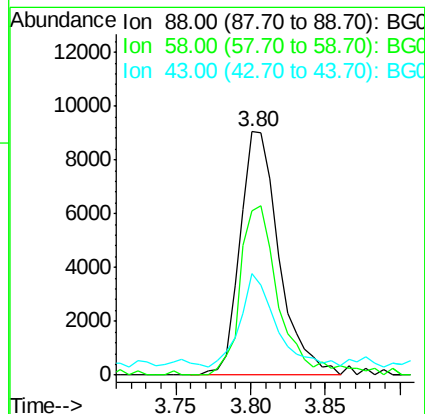
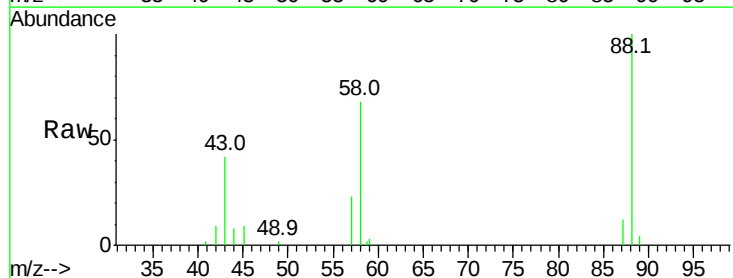
Tot Ion:152 Resp: 27691
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 49.9 53.0 79.4#

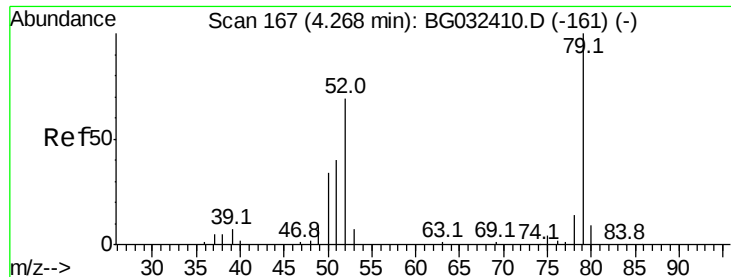


#2

1,4-Dioxane
Concen: 35.339 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion: 88 Resp: 16392
Ion Ratio Lower Upper
88 100
58 70.3 79.6 119.4#
43 38.7 27.4 41.0





#3

Pvridine

Concen: 36.598 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

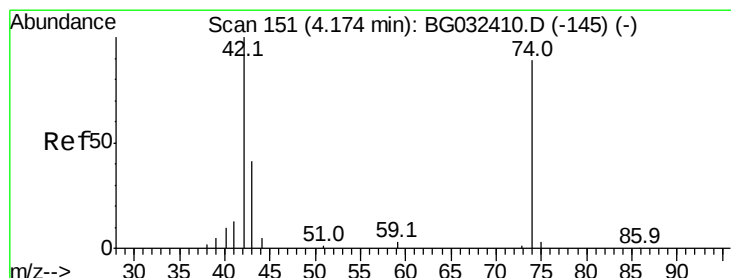
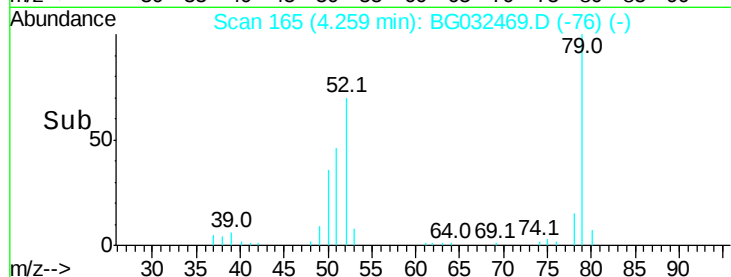
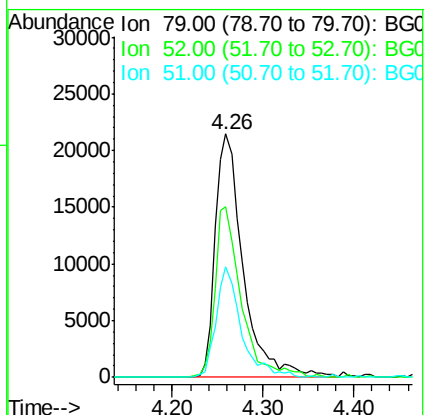
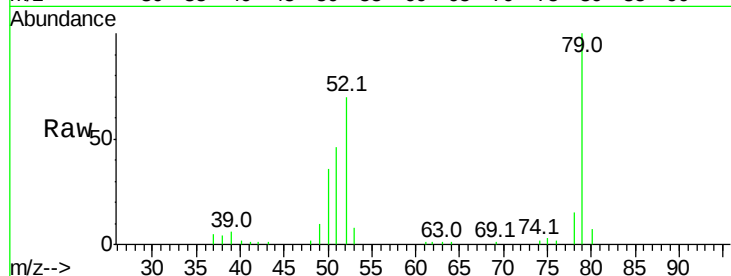
Tot Ion: 79 Resp: 45838

Ion Ratio Lower Upper

79 100

52 69.9 69.9 104.9

51 45.5 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 41.332 ng

RT: 4.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

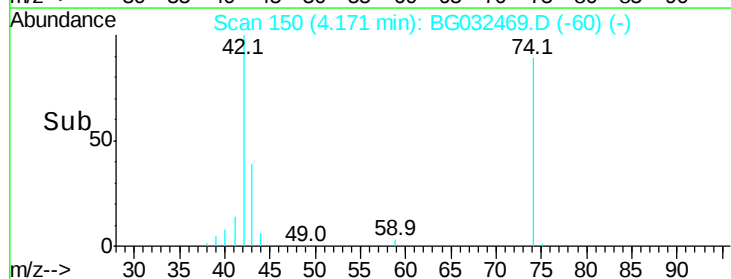
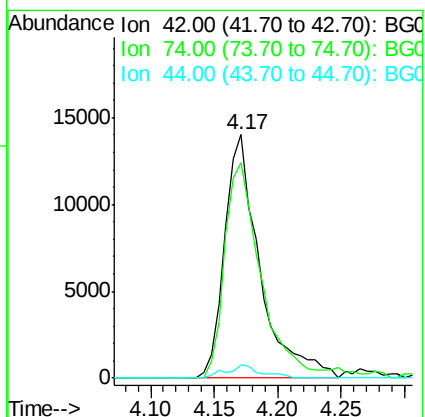
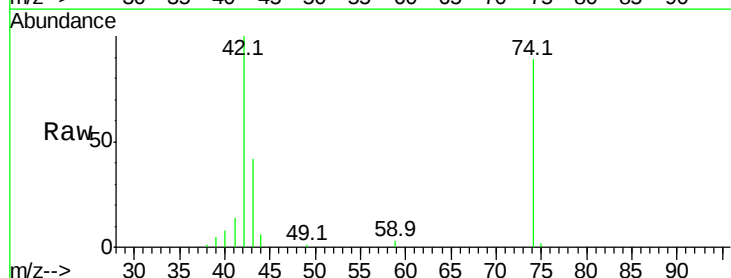
Tgt Ion: 42 Resp: 26948

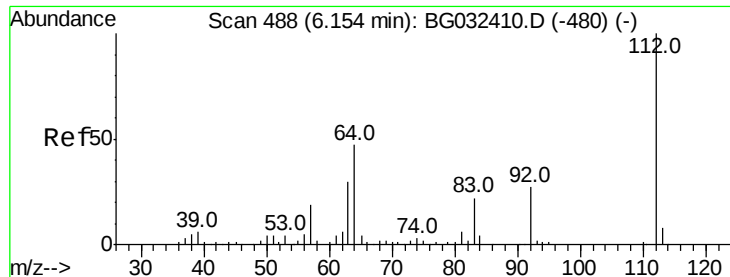
Ion Ratio Lower Upper

42 100

74 88.7 102.5 153.7#

44 5.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 84.456 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

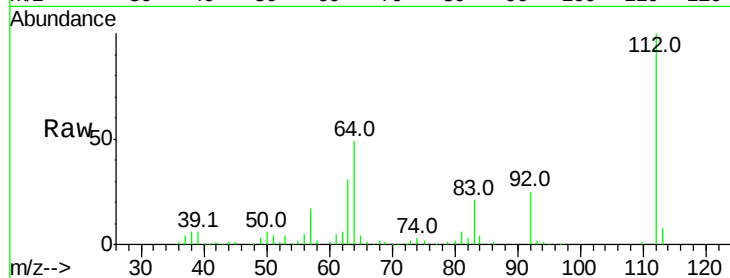
Tot Ion:112 Resp: 116435

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

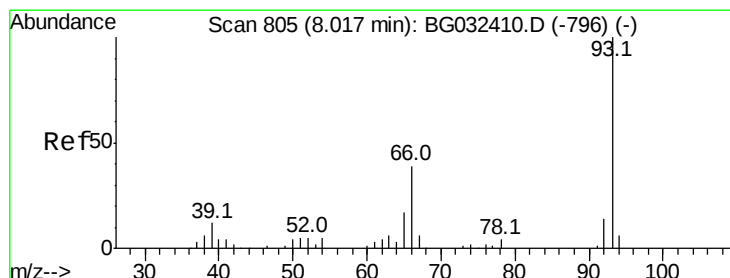
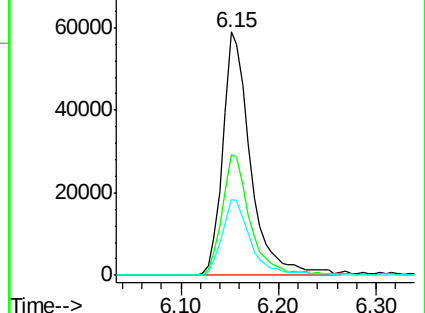
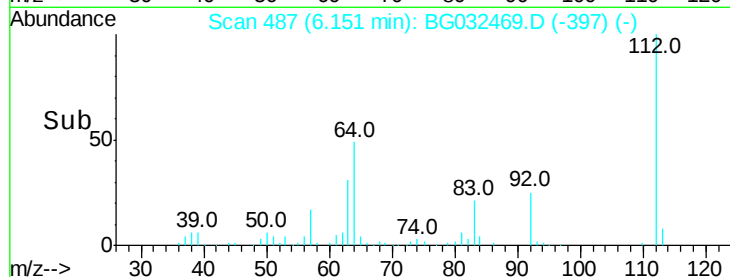
63 31.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.746 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

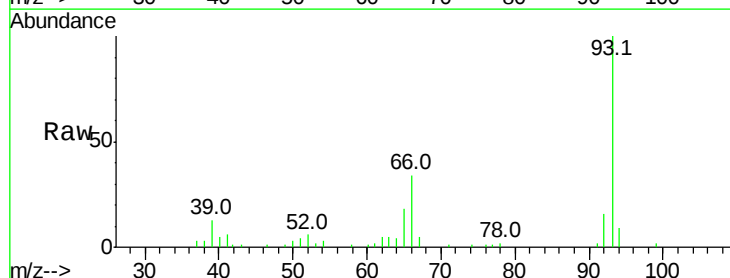
Tgt Ion: 93 Resp: 36117

Ion Ratio Lower Upper

93 100

66 34.1 33.7 50.5

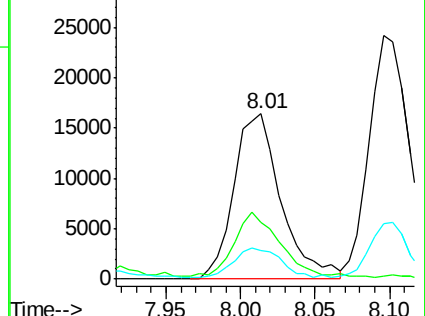
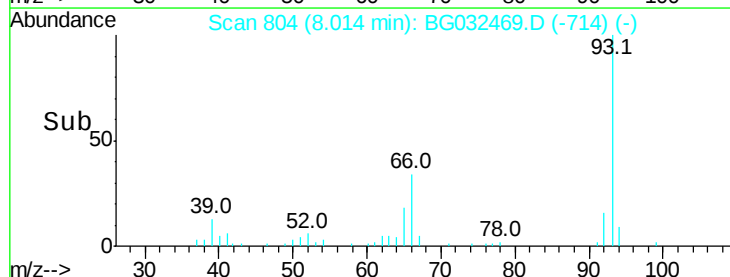
65 17.6 16.1 24.1

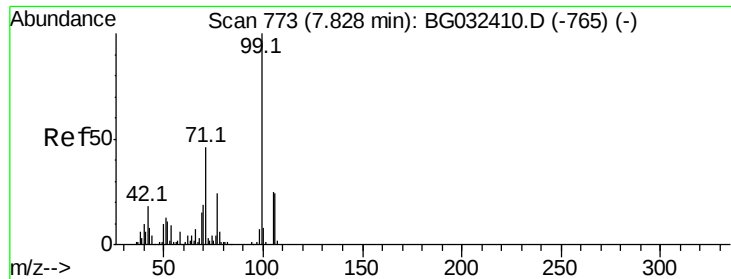


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 77.952 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

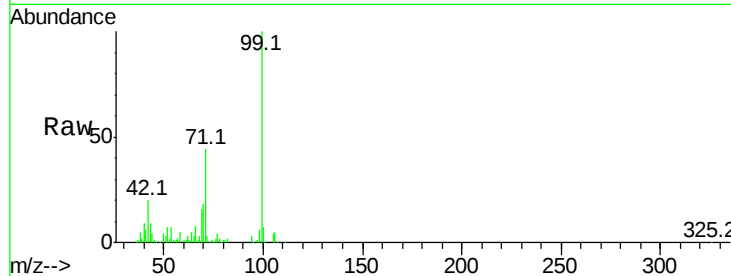
Tot Ion: 99 Resp: 143407

Ion Ratio Lower Upper

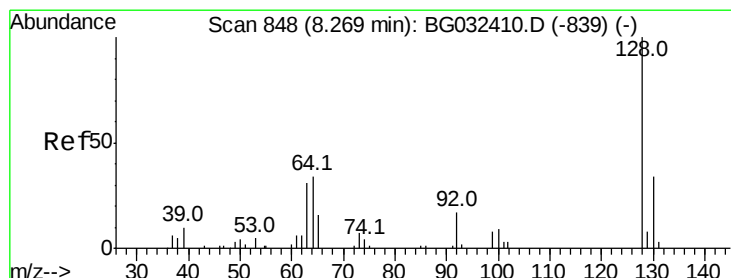
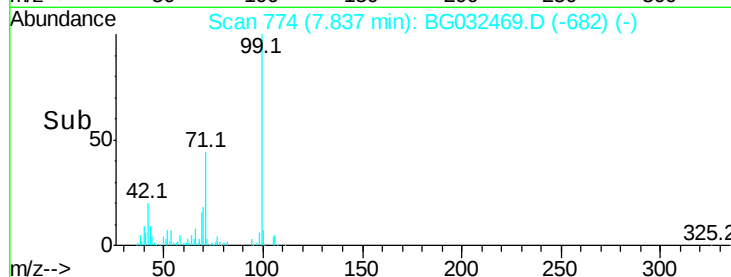
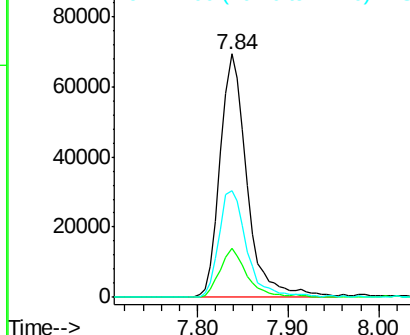
99 100

42 20.2 14.1 21.1

71 43.8 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: 41.749 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

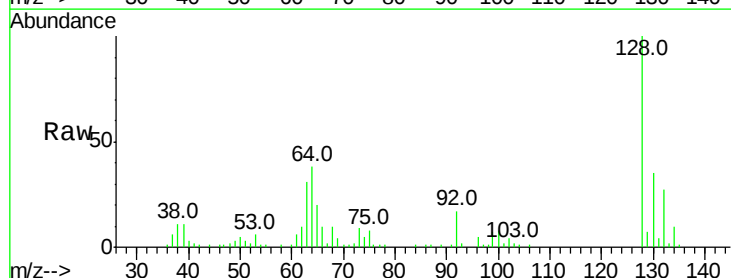
Tgt Ion:128 Resp: 68036

Ion Ratio Lower Upper

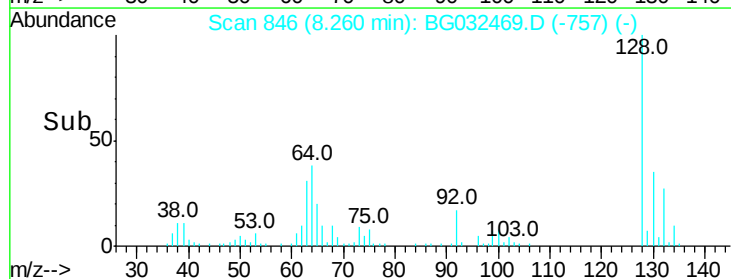
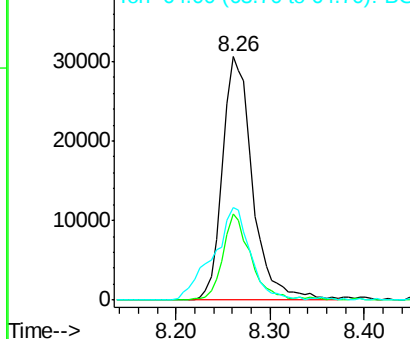
128 100

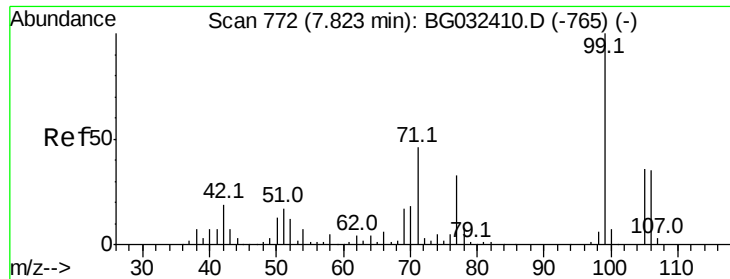
130 35.5 14.0 54.0

64 37.8 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: 21.016 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

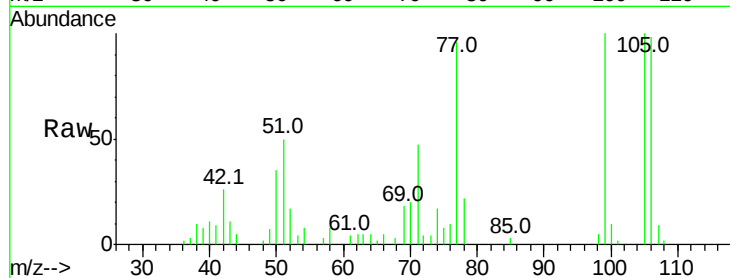
Tot Ion: 77 Resp: 19969

Ion Ratio Lower Upper

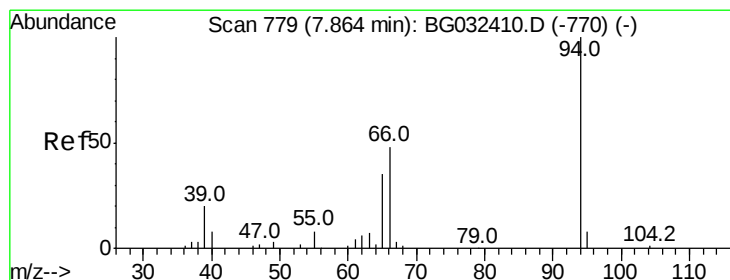
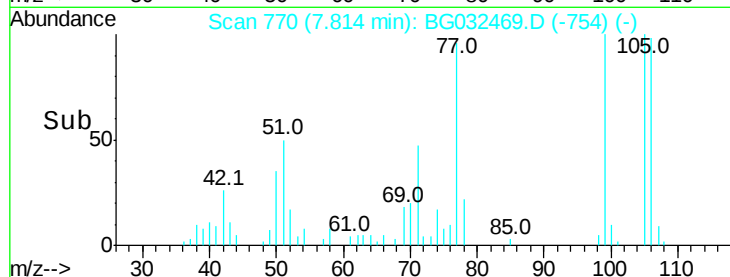
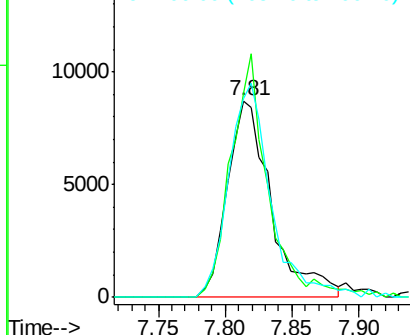
77 100

105 103.8 71.3 111.3

106 101.2 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: 40.513 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

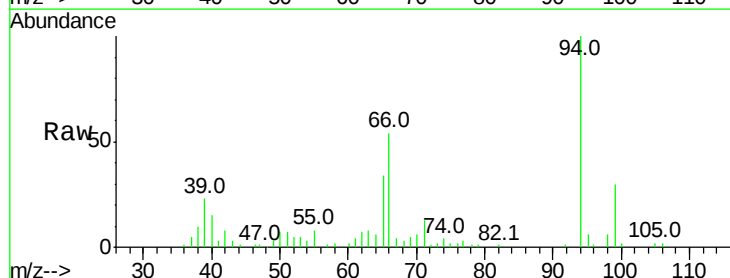
Tgt Ion: 94 Resp: 70778

Ion Ratio Lower Upper

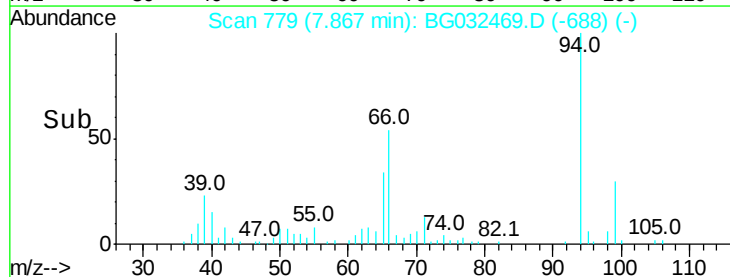
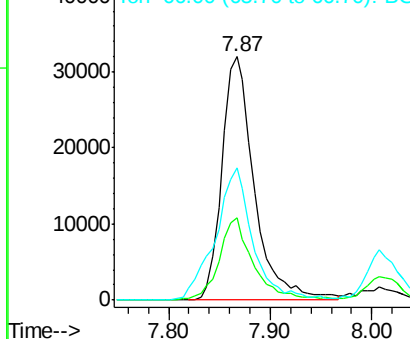
94 100

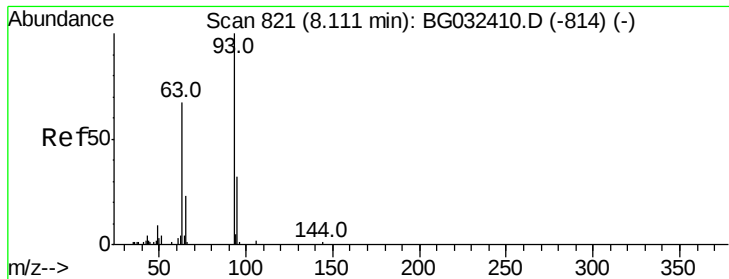
65 33.7 11.9 51.9

66 54.3 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

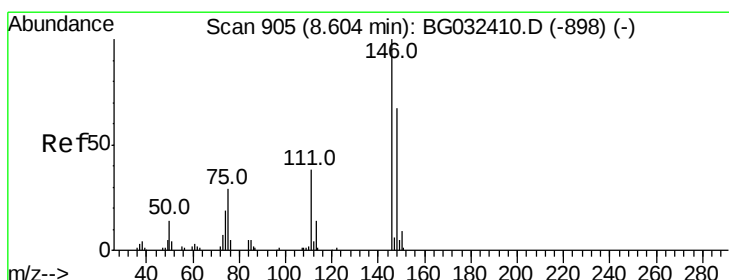
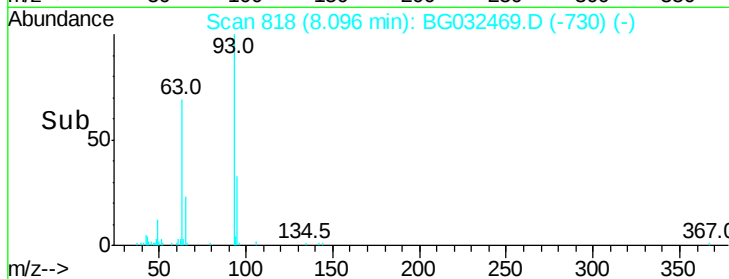
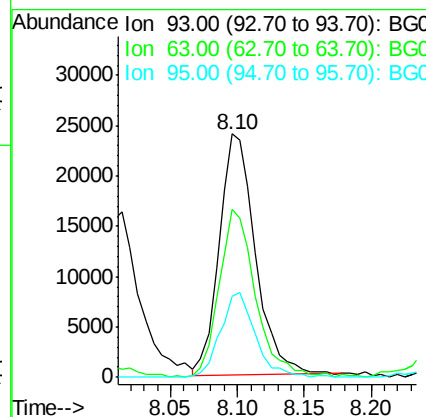
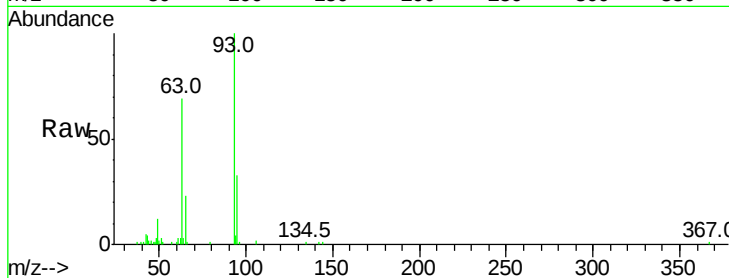




#11
 bis(2-Chloroethyl)ether
 Concen: 34.190 ng
 RT: 8.10 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

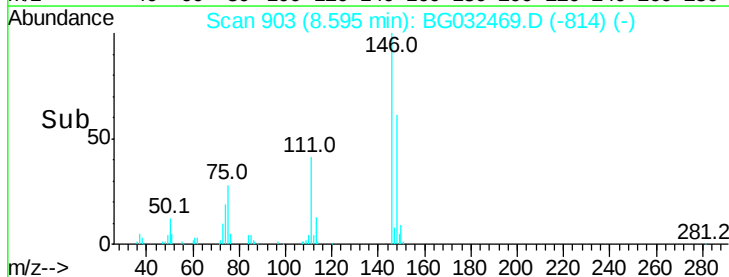
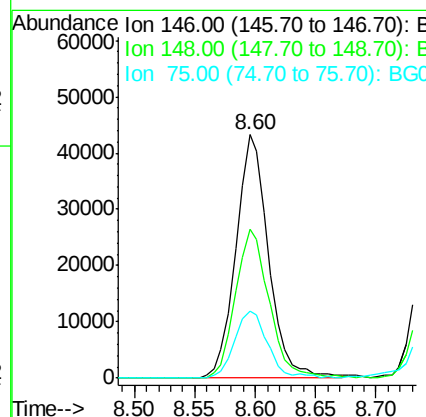
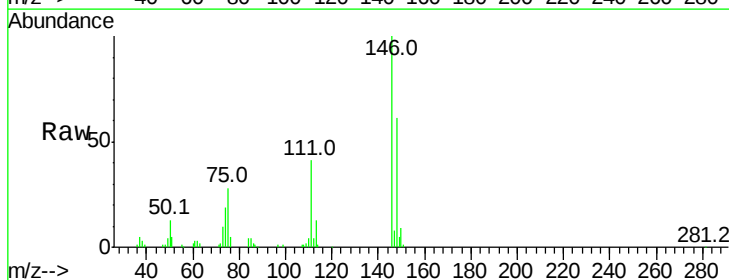
Instrument :
 BNA_G
 ClientSampleId :

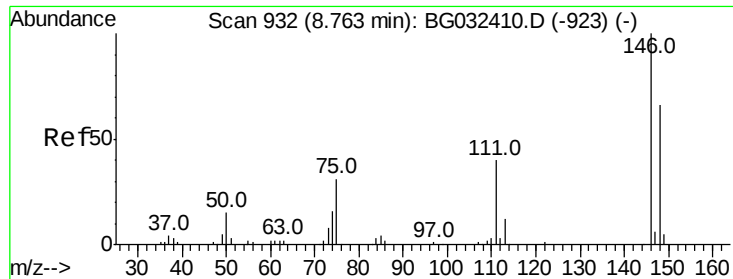
Tot Ion: 93 Resp: 45512
 Ion Ratio Lower Upper
 93 100
 63 69.2 67.1 107.1
 95 33.4 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 36.945 ng
 RT: 8.60 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion: 146 Resp: 81423
 Ion Ratio Lower Upper
 146 100
 148 60.9 51.4 77.2
 75 27.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.881 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

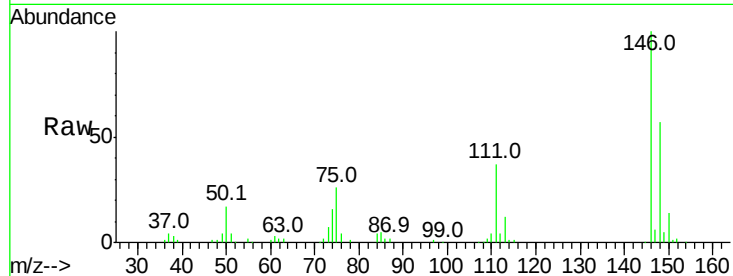
Tot Ion:146 Resp: 83676

Ion Ratio Lower Upper

146 100

148 57.4 53.7 80.5

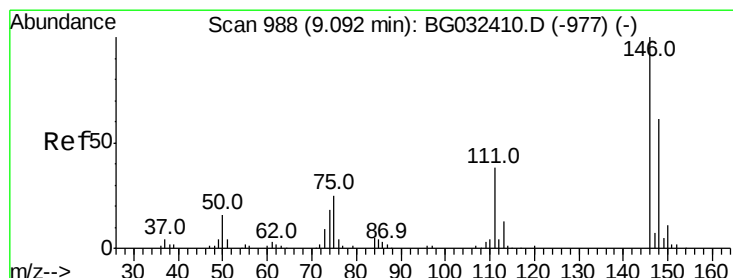
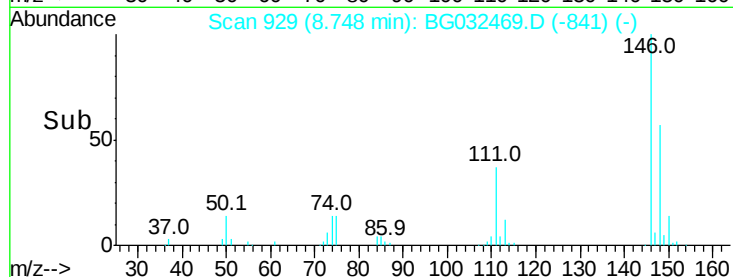
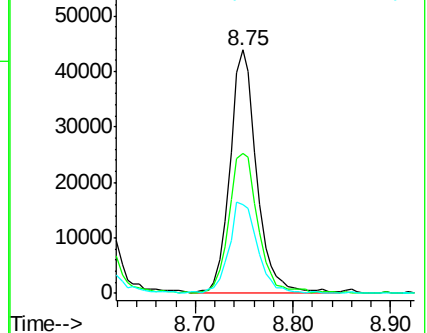
111 36.6 35.2 52.8



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: 36.453 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

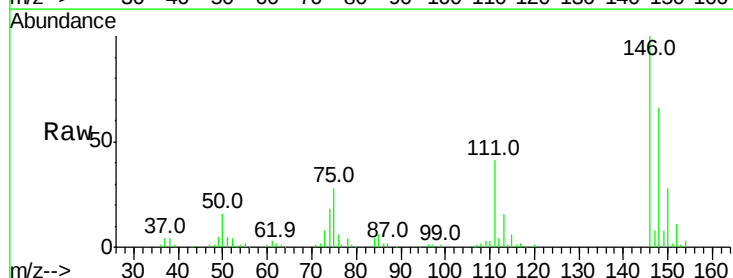
Tgt Ion:146 Resp: 78881

Ion Ratio Lower Upper

146 100

148 66.4 49.3 73.9

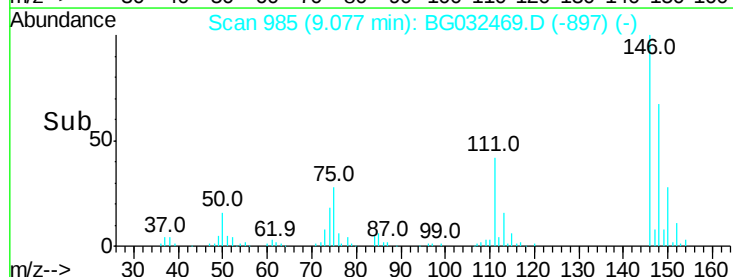
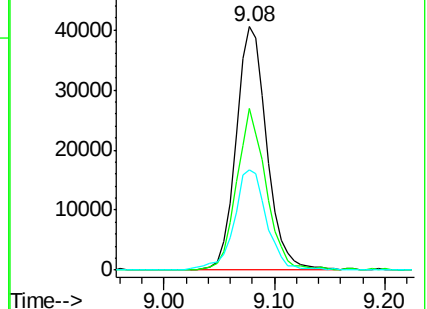
111 40.9 34.3 51.5

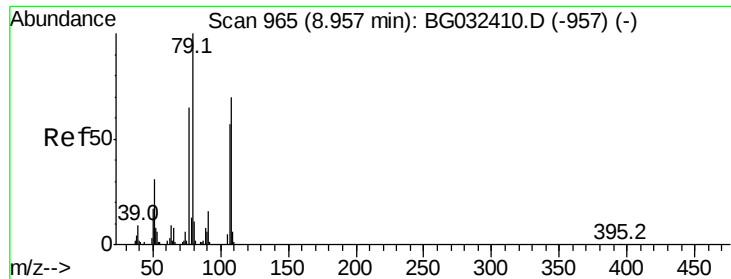


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.361 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

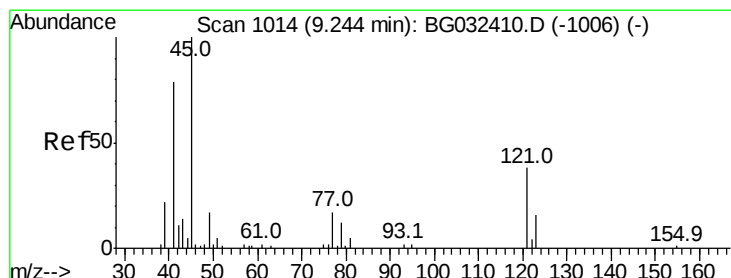
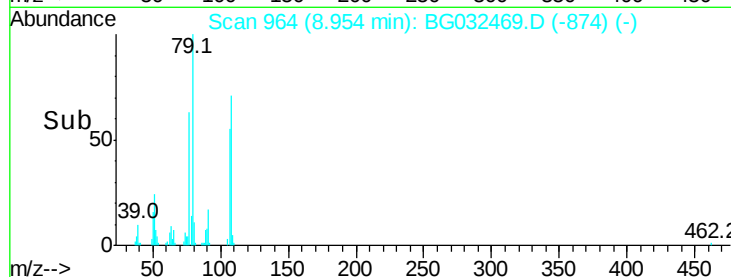
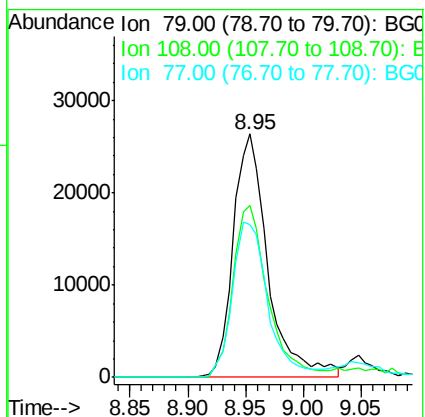
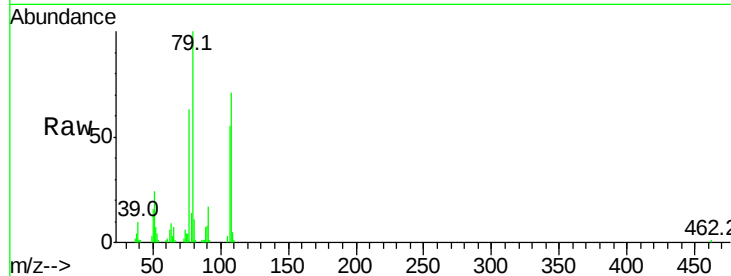
Tot Ion: 79 Resp: 55131

Ion Ratio Lower Upper

79 100

108 70.8 57.2 85.8

77 62.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.998 ng

RT: 9.24 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

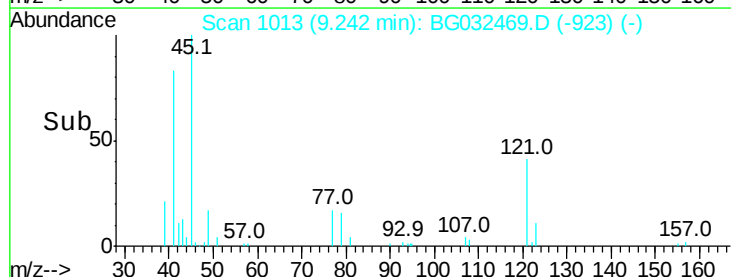
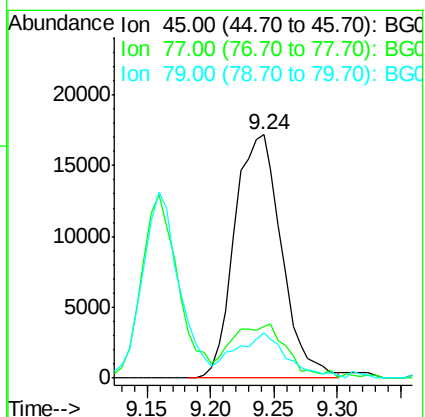
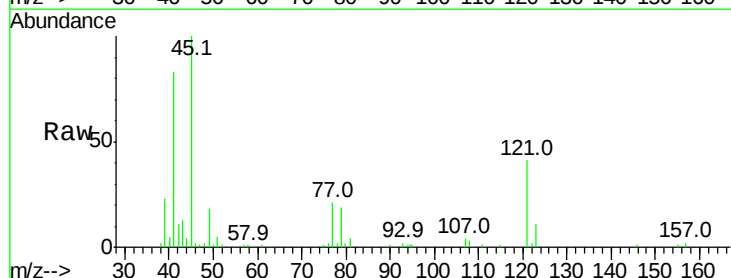
Tgt Ion: 45 Resp: 44146

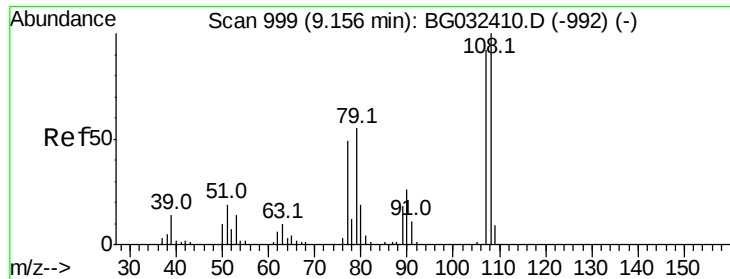
Ion Ratio Lower Upper

45 100

77 21.2 0.0 30.2

79 18.6 0.0 27.9

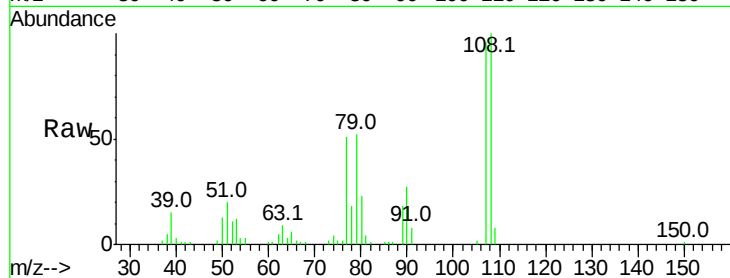




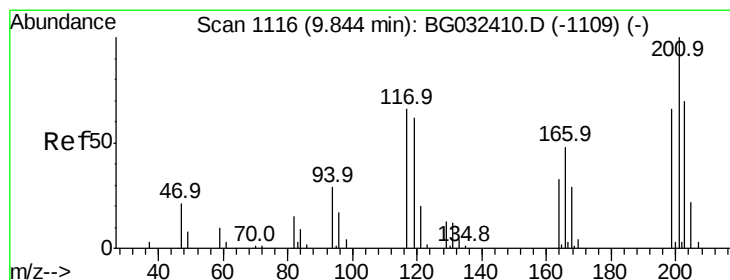
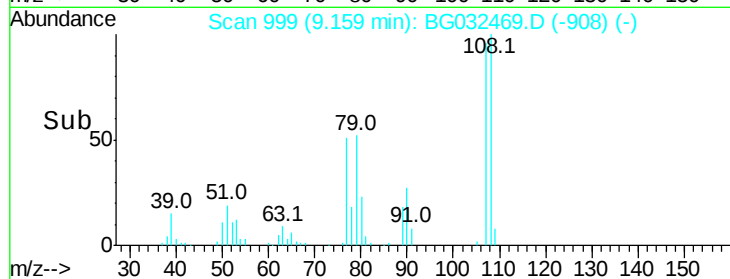
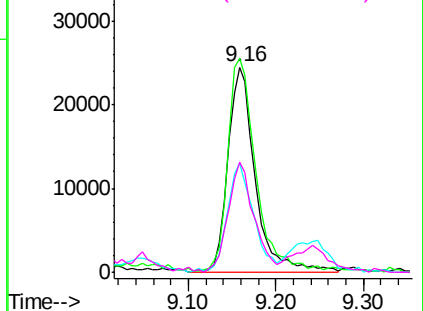
#17
2-Methylphenol
Concen: 36.869 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 52314
Ion Ratio Lower Upper
107 100
108 104.1 83.9 125.9
77 52.9 37.2 55.8
79 53.7 36.2 54.2

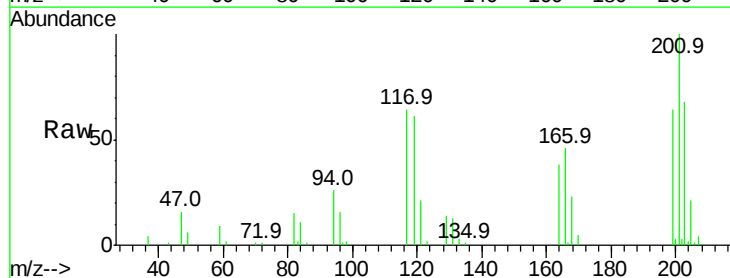


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

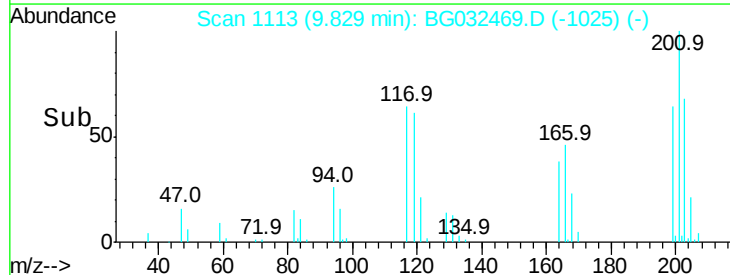
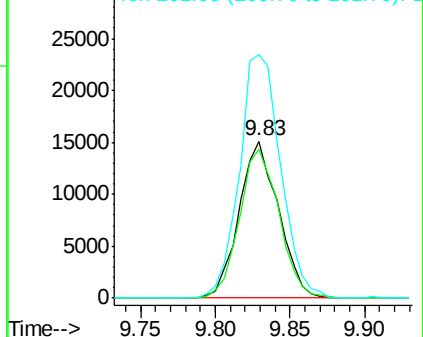


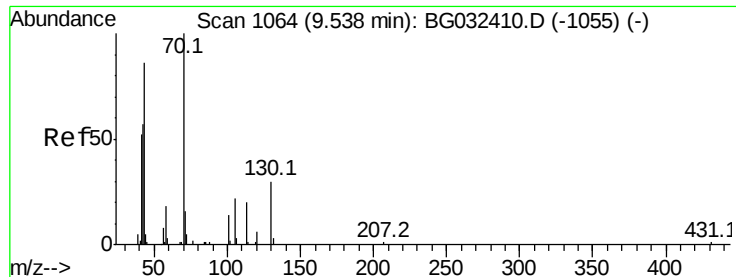
#18
Hexachloroethane
Concen: 37.423 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion:117 Resp: 27754
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1
201 155.3 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

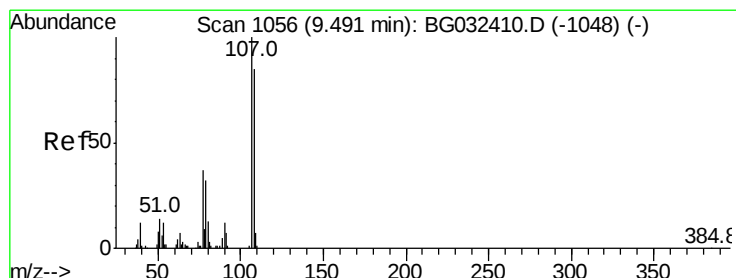
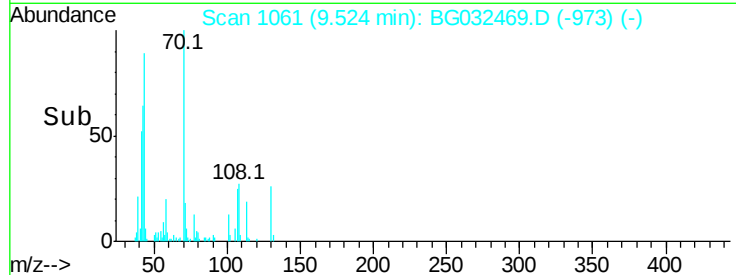
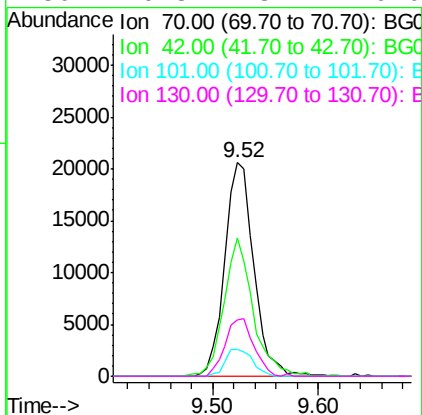
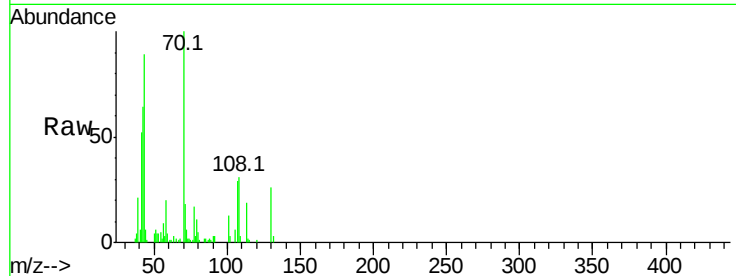




#19
n-Nitroso-di-n-propylamine
Concen: 32.165 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

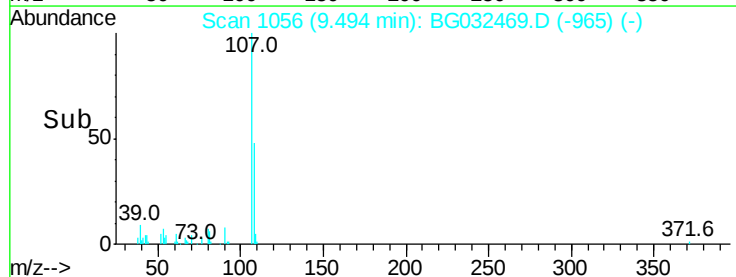
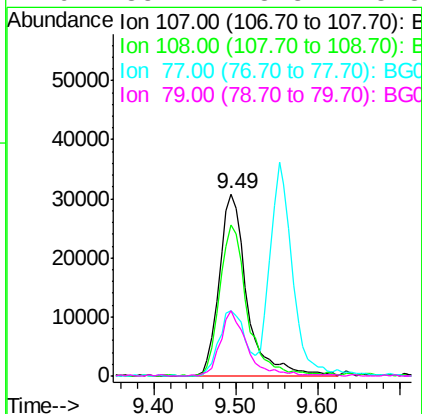
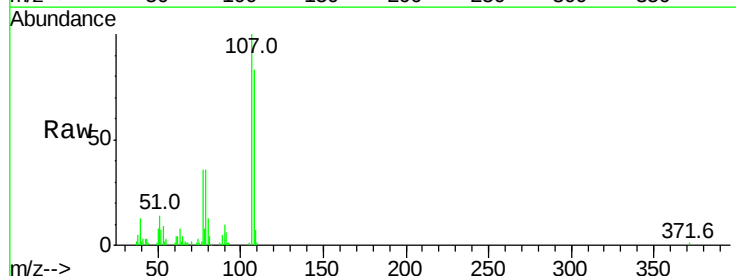
Instrument :
BNA_G
ClientSampleId :

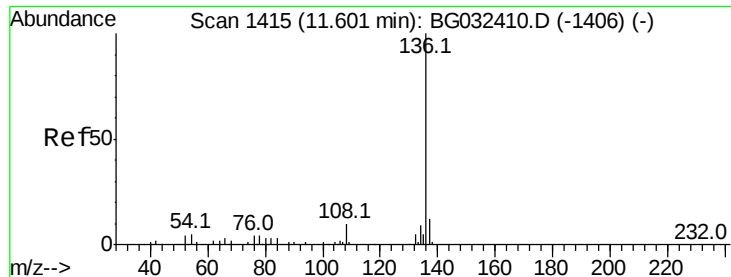
Tot Ion: 70 Resp: 39235
Ion Ratio Lower Upper
70 100
42 64.5 49.1 73.7
101 12.7 8.5 12.7
130 26.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.593 ng
RT: 9.49 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion: 107 Resp: 72832
Ion Ratio Lower Upper
107 100
108 83.0 61.6 101.6
77 35.7 13.9 53.9
79 35.7 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 113296

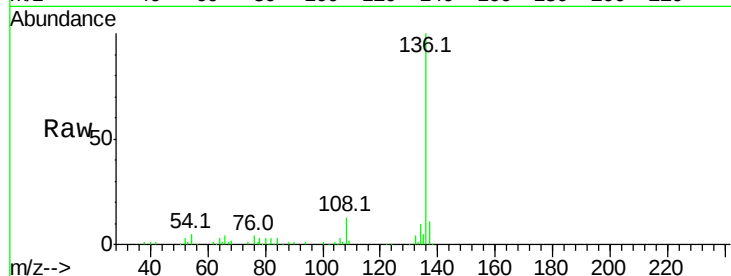
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 4.6 10.3 15.5#

68 1.9 4.5 6.7#

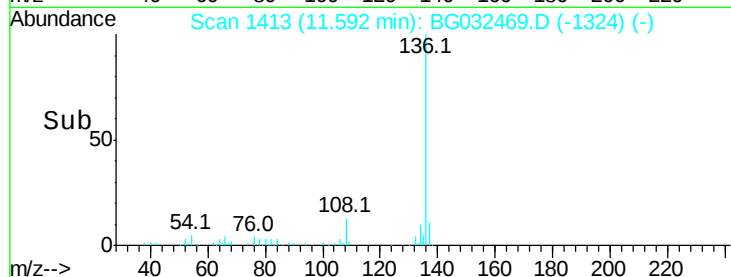


Abundance Ion 136.00 (135.70 to 136.70): E

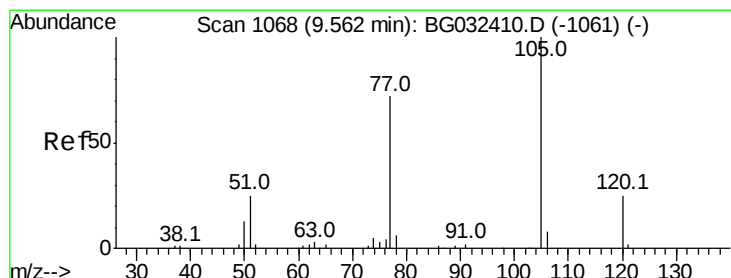
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 34.622 ng

RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Tgt Ion:105 Resp: 91948

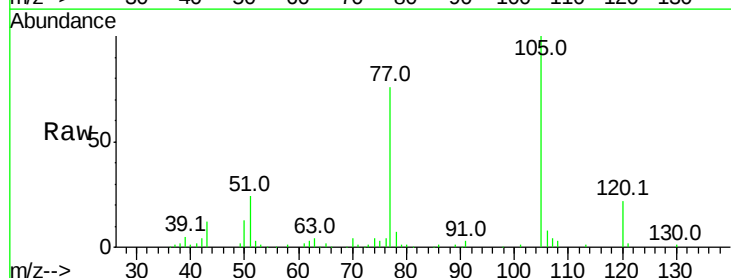
Ion Ratio Lower Upper

105 100

71 0.5 3.0 4.4#

51 24.3 26.1 39.1#

120 22.1 17.4 26.2

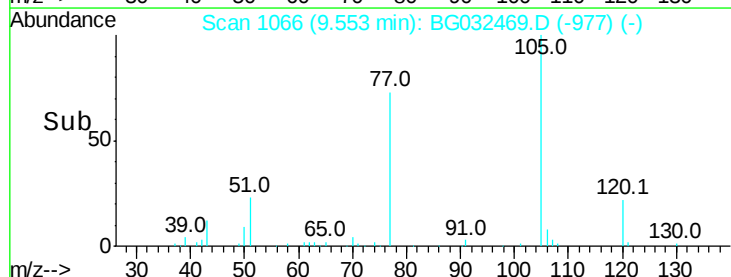


Abundance Ion 105.00 (104.70 to 105.70): E

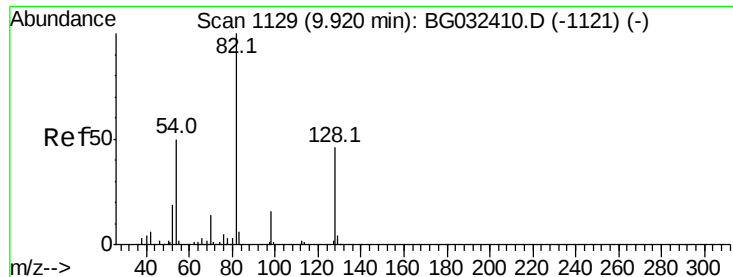
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 73.216 ng

RT: 9.91 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

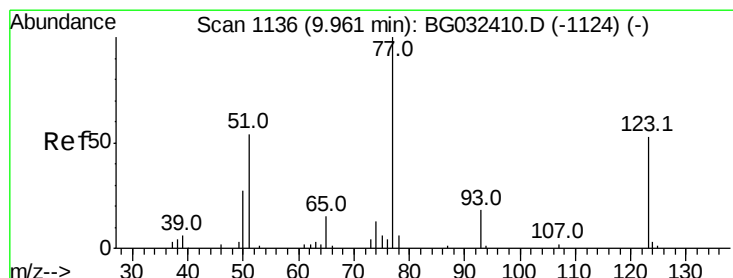
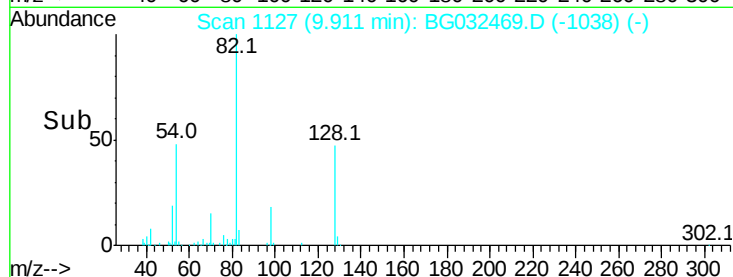
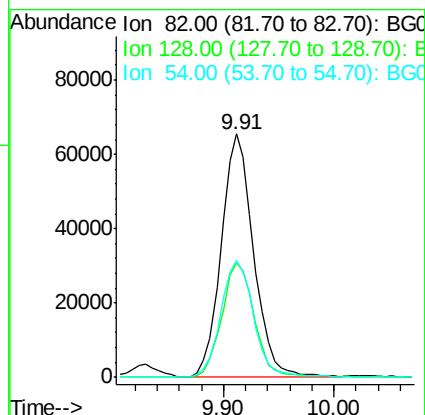
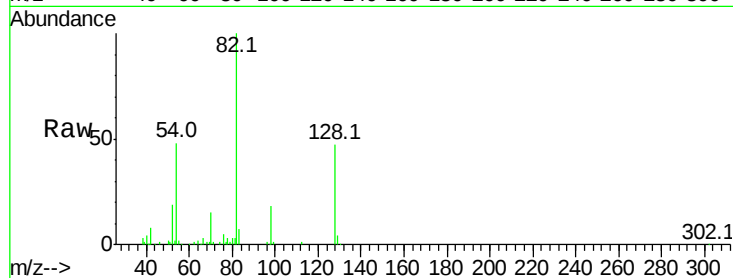
Tot Ion: 82 Resp: 132806

Ion Ratio Lower Upper

82 100

128 47.1 29.7 44.5#

54 48.0 43.1 64.7



#24

Nitrobenzene

Concen: 37.223 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

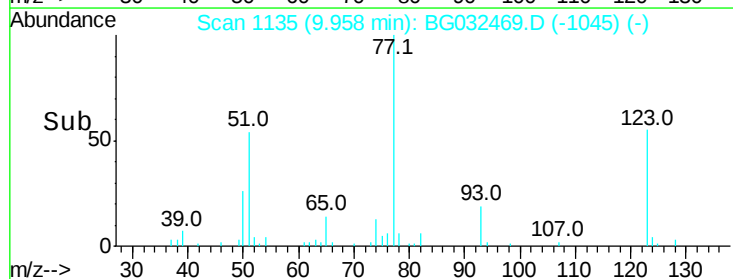
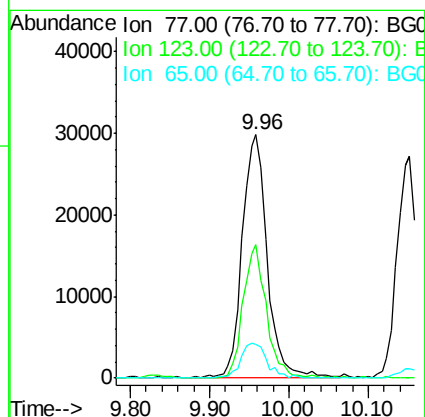
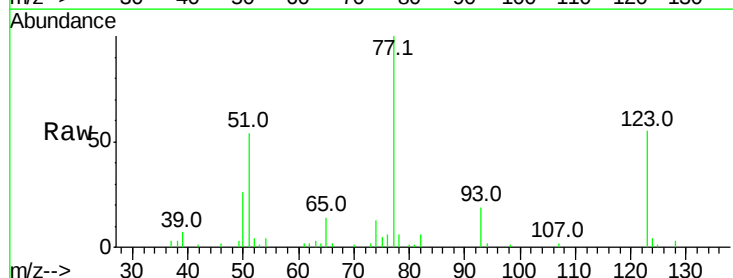
Tgt Ion: 77 Resp: 65289

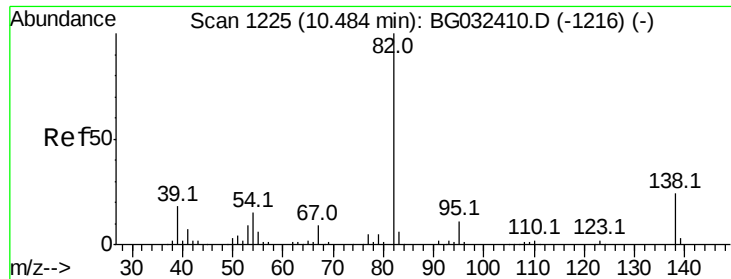
Ion Ratio Lower Upper

77 100

123 54.7 33.0 49.6#

65 13.7 13.0 19.6





#25

Isophorone

Concen: 36.833 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

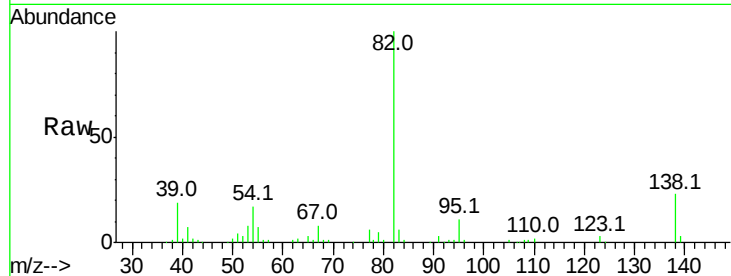
Tot Ion: 82 Resp: 113761

Ion Ratio Lower Upper

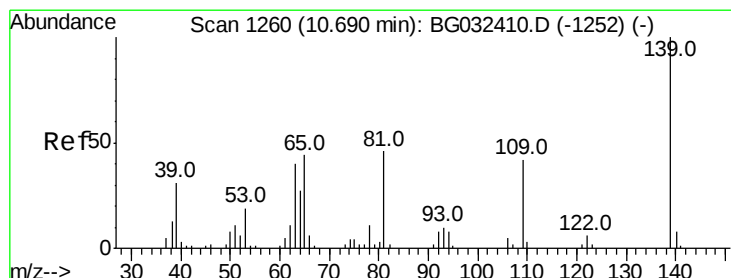
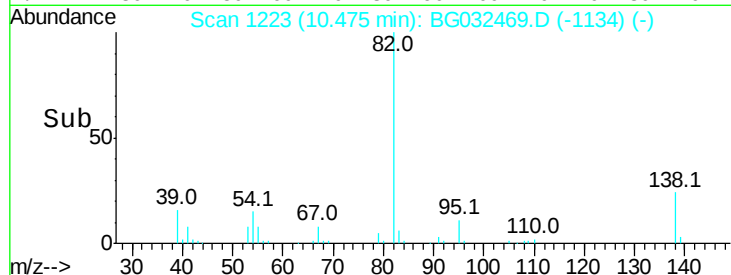
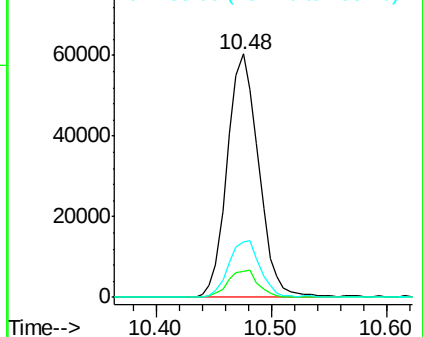
82 100

95 10.8 6.2 9.2#

138 23.0 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: 38.739 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

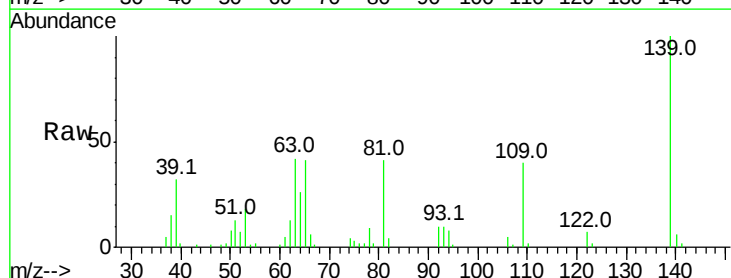
Tgt Ion: 139 Resp: 41074

Ion Ratio Lower Upper

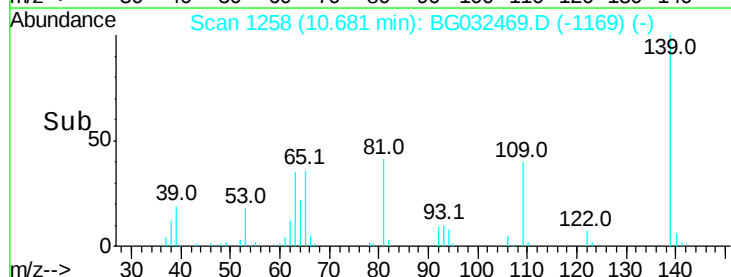
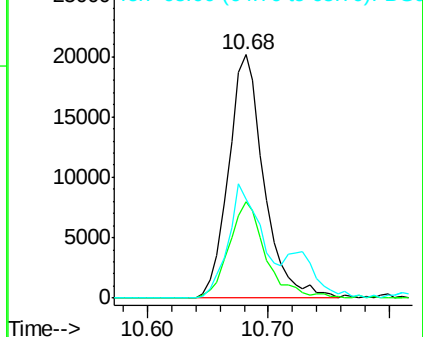
139 100

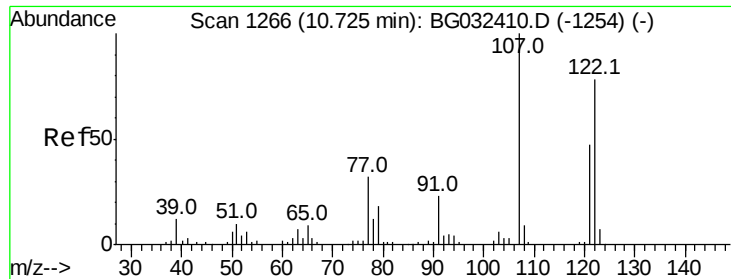
109 39.6 24.2 36.2#

65 40.8 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

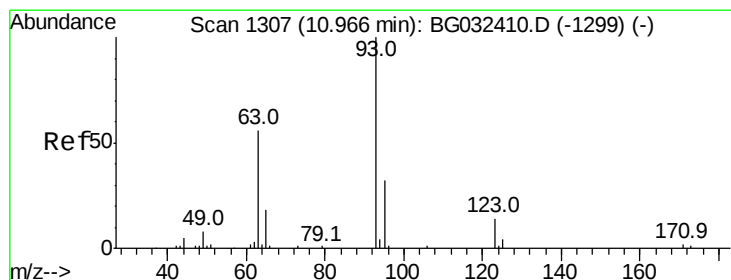
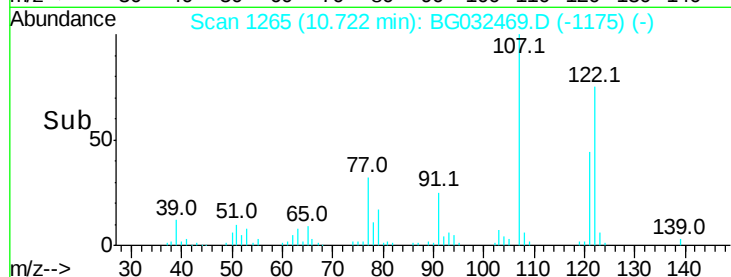
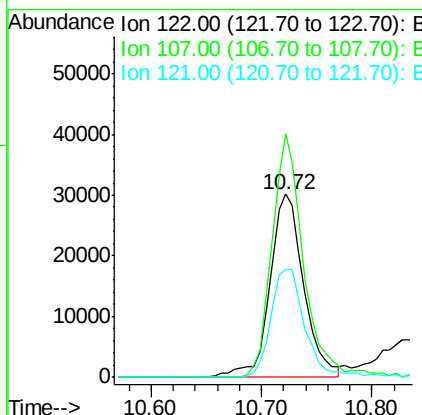
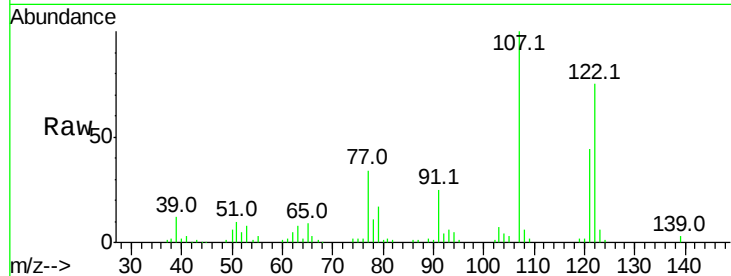




#27
 2,4-Dimethylphenol
 Concen: 42.135 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

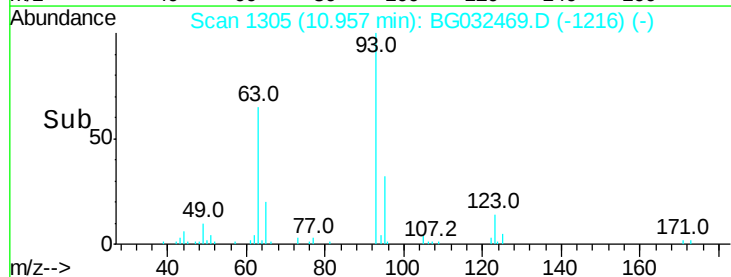
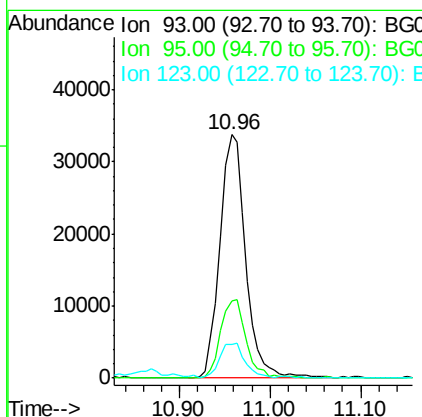
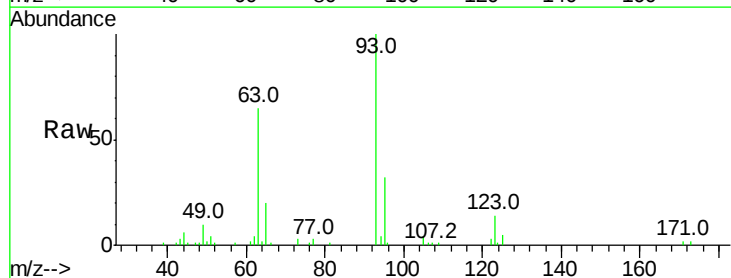
Instrument :
 BNA_G
 ClientSampleId :

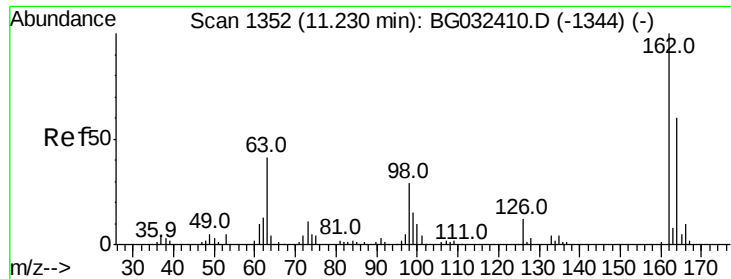
Tot Ion:122 Resp: 64123
 Ion Ratio Lower Upper
 122 100
 107 133.0 100.2 150.2
 121 58.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.286 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion: 93 Resp: 66536
 Ion Ratio Lower Upper
 93 100
 95 31.8 24.3 36.5
 123 14.0 8.4 12.6#

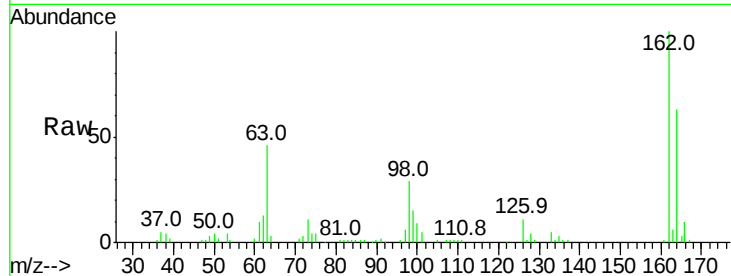




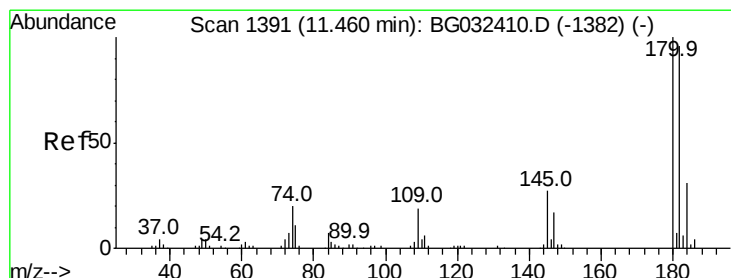
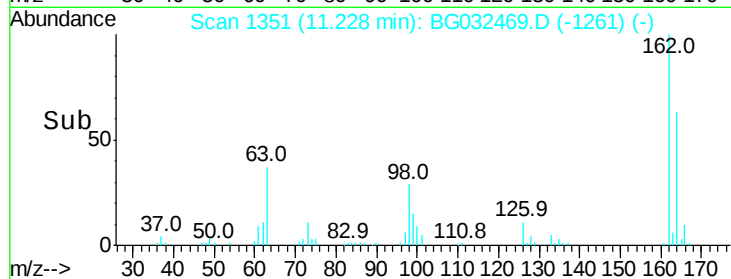
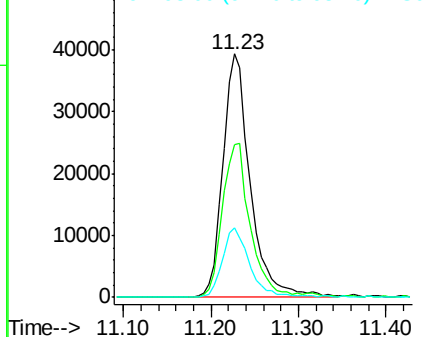
#29
 2,4-Dichlorophenol
 Concen: 41.624 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 83914
 Ion Ratio Lower Upper
 162 100
 164 62.7 48.0 88.0
 98 28.7 21.1 61.1

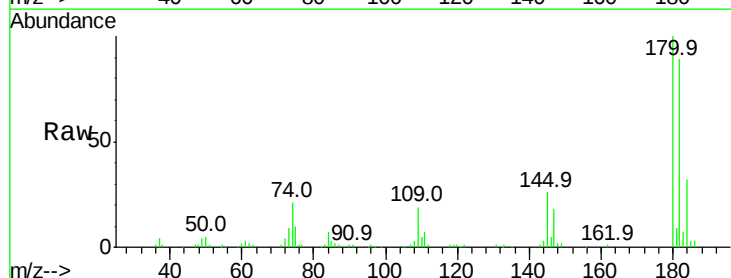


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

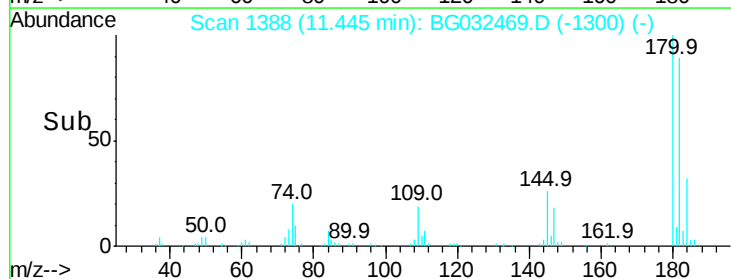
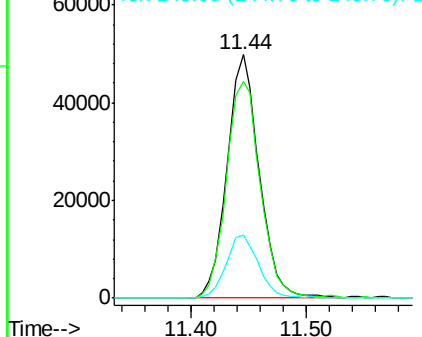


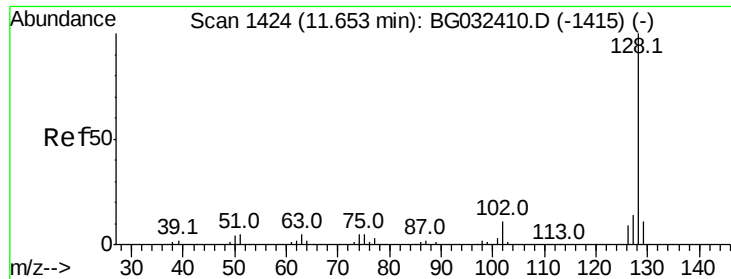
#30
 1,2,4-Trichlorobenzene
 Concen: 35.615 ng
 RT: 11.44 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion:180 Resp: 95697
 Ion Ratio Lower Upper
 180 100
 182 89.1 77.5 116.3
 145 25.9 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

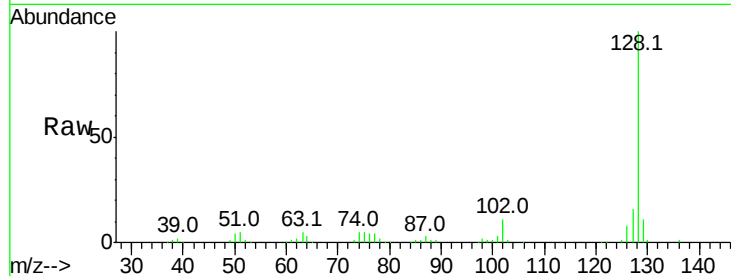




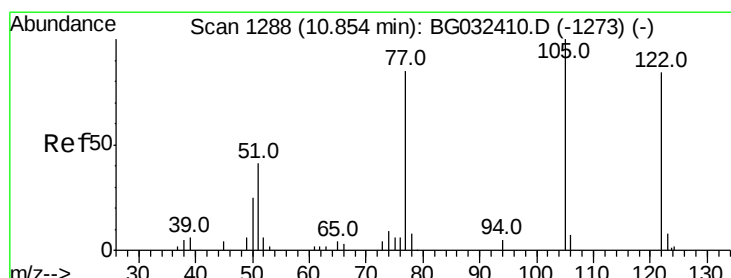
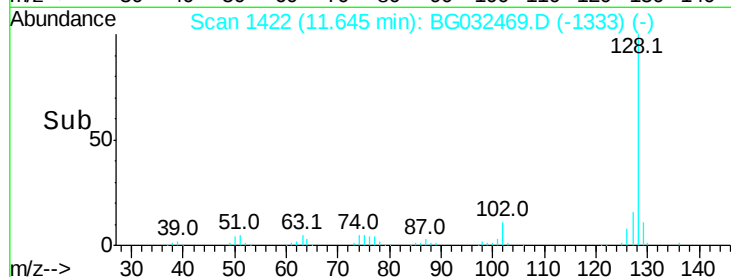
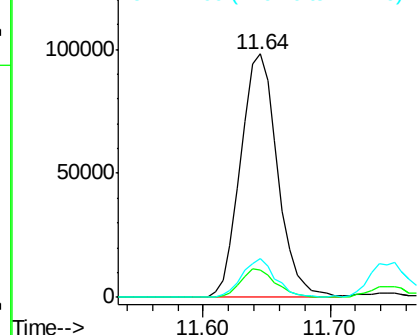
#31
Naphthalene
Concen: 35.989 ng
RT: 11.64 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 199146
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 15.8 11.6 17.4

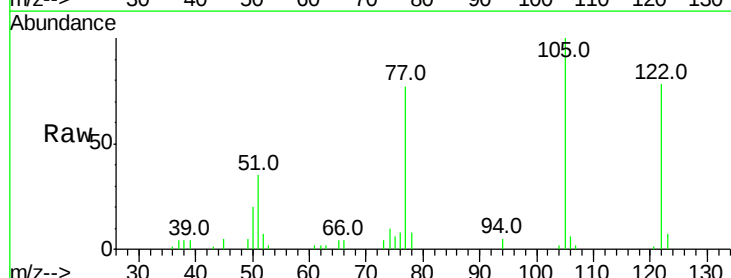


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

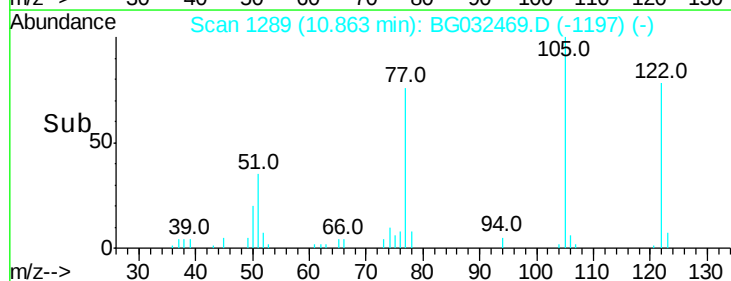
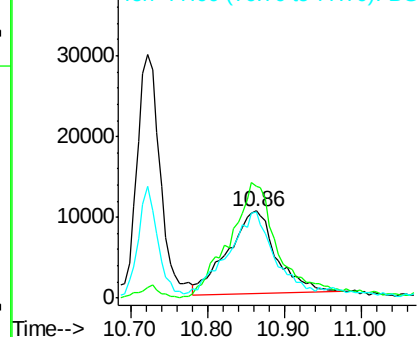


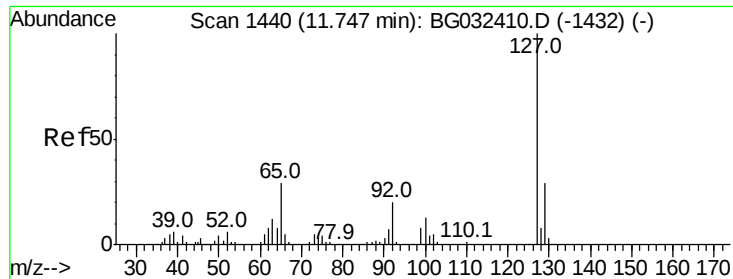
#32
Benzoic acid
Concen: 41.153 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion:122 Resp: 45330
Ion Ratio Lower Upper
122 100
105 127.5 123.5 163.5
77 98.2 85.7 125.7



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

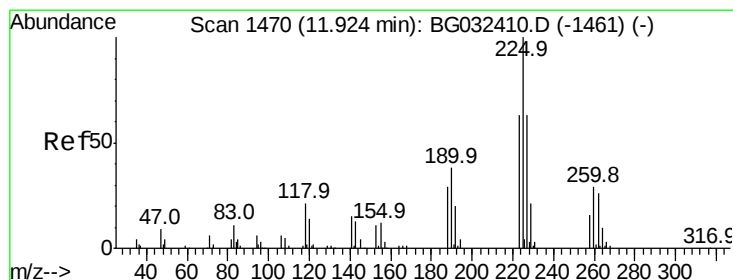
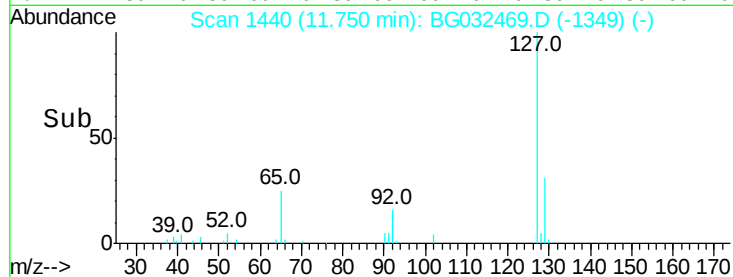
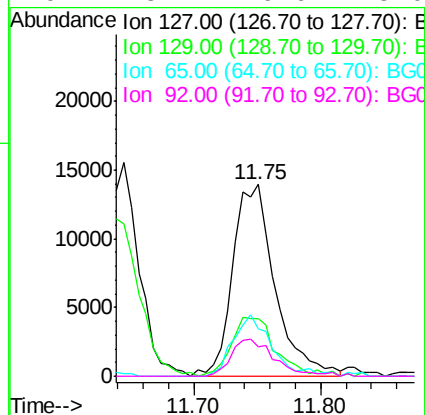
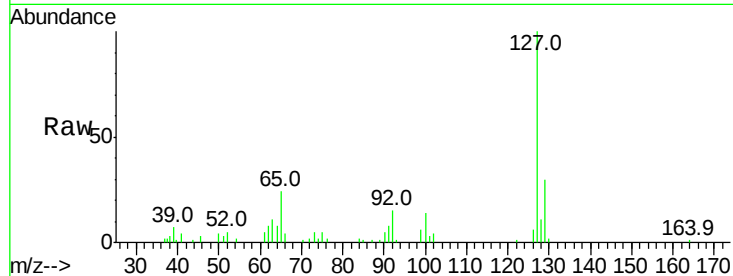




#33
4-Chloroaniline
Concen: 13.005 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

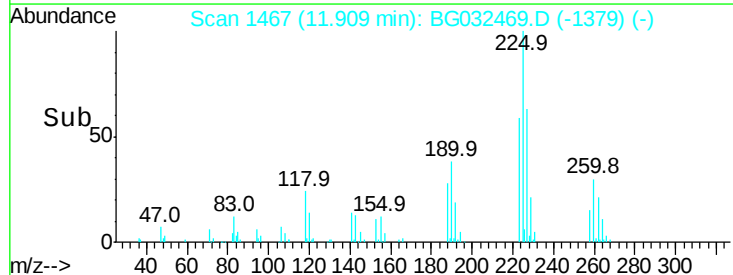
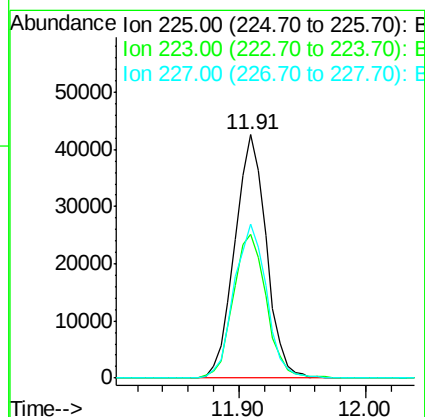
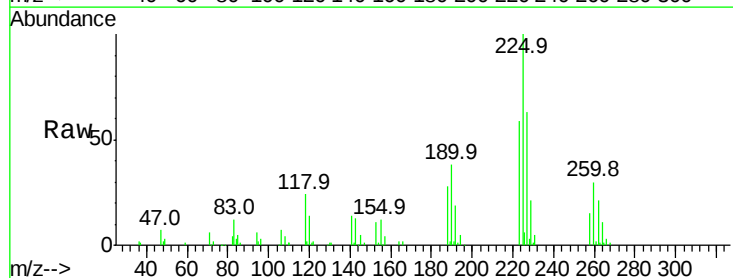
Instrument :
BNA_G
ClientSampleId :

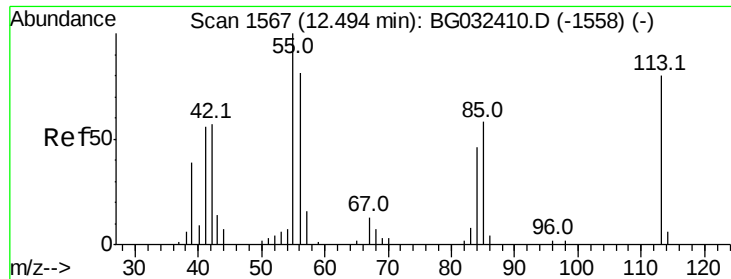
Tot Ion:	127	Resp:	32096
Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.0	36.0
65	24.5	27.0	40.4#
92	15.1	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 34.982 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion:	225	Resp:	73131
Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	63.5	48.1	72.1





#35

Caprolactam

Concen: 39.750 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

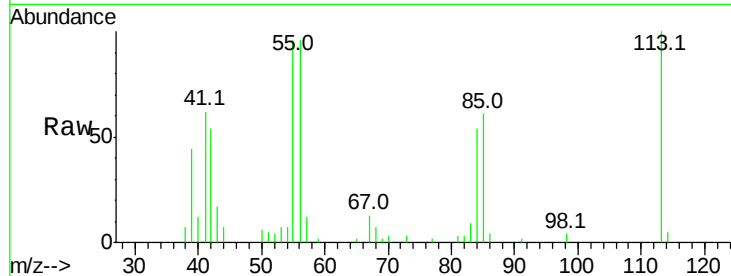
Tot Ion:113 Resp: 23005

Ion Ratio Lower Upper

113 100

55 95.6 186.9 226.9#

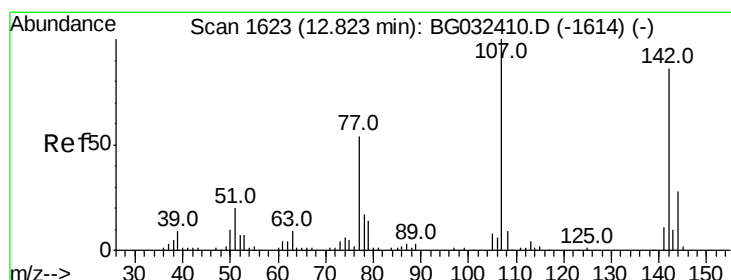
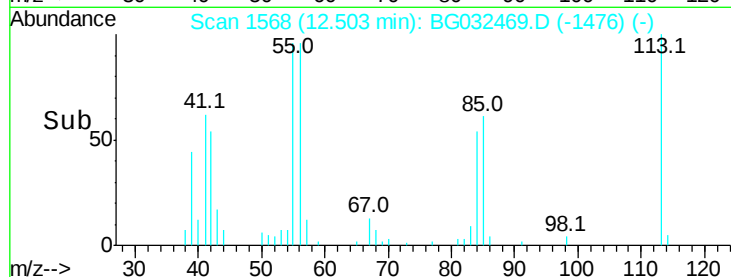
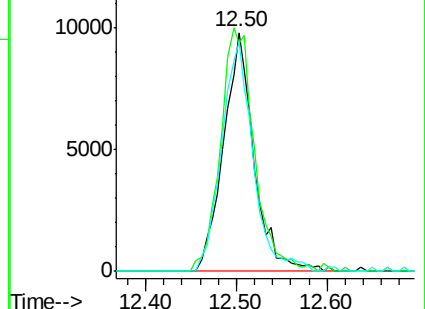
56 96.1 130.9 170.9#



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: 38.801 ng

RT: 12.83 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

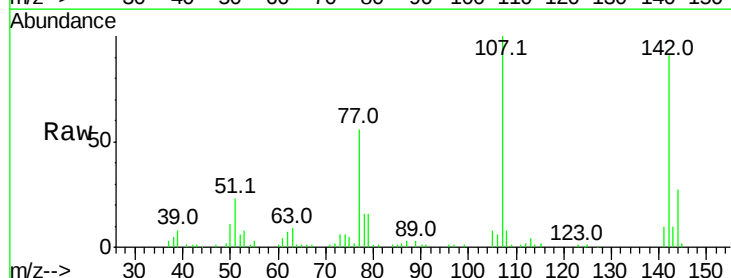
Tgt Ion:107 Resp: 74198

Ion Ratio Lower Upper

107 100

144 26.9 18.2 27.4

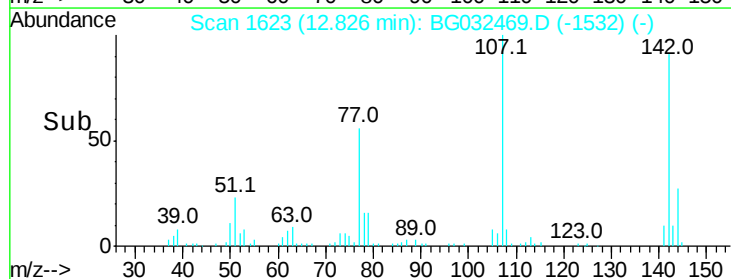
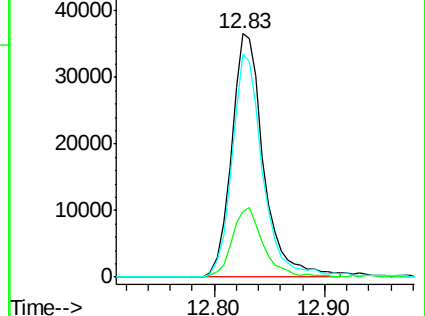
142 91.4 59.0 88.4#

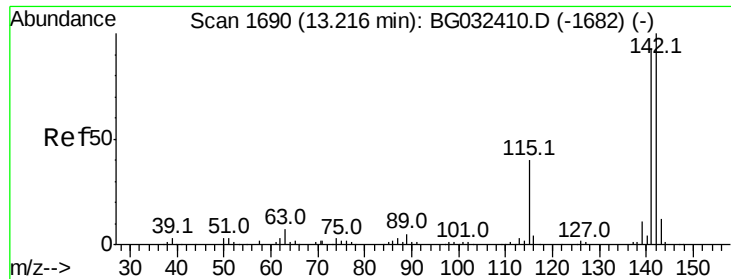


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

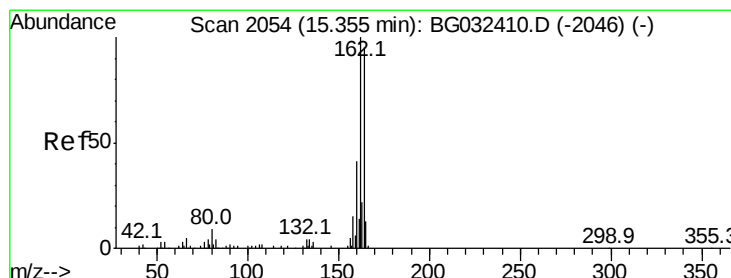
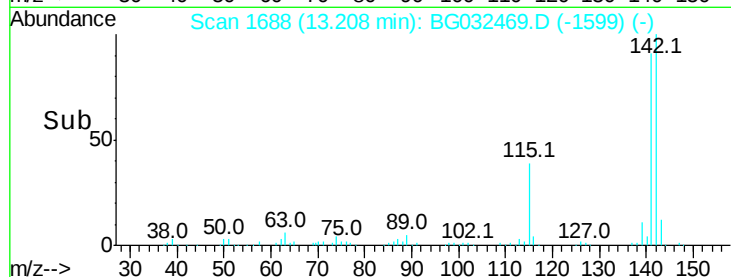
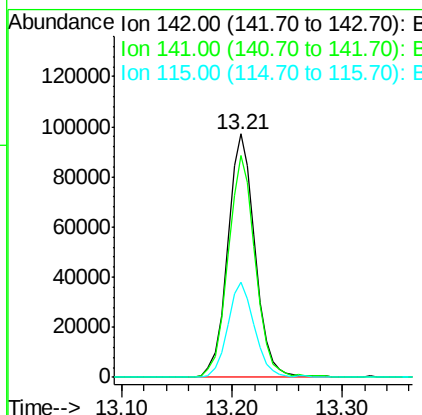
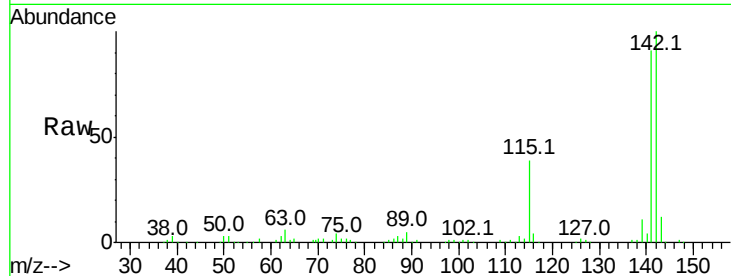




#37
2-Methylnaphthalene
Concen: 36.031 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

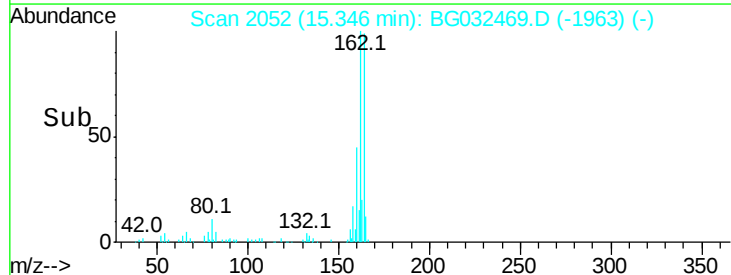
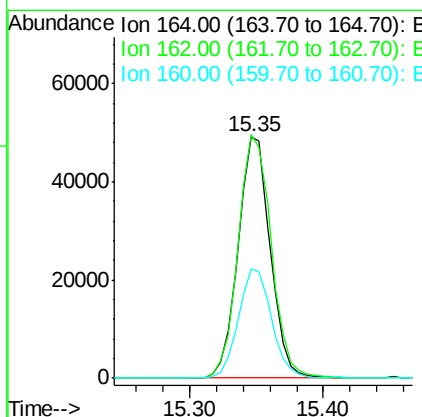
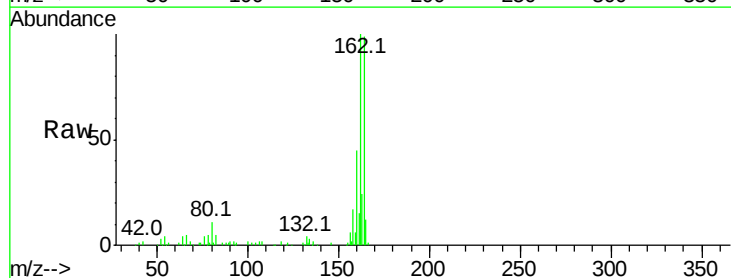
Instrument :
BNA_G
ClientSampleId :

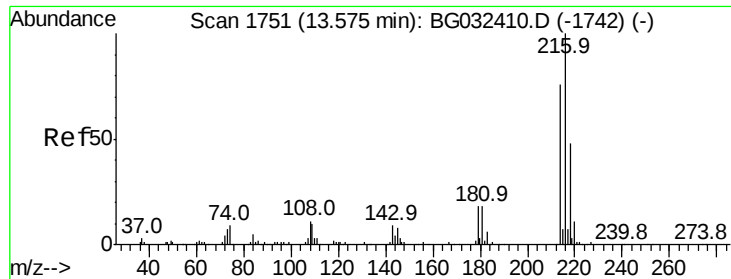
Tot Ion:142 Resp: 167498
Ion Ratio Lower Upper
142 100
141 91.4 67.1 100.7
115 39.1 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion:164 Resp: 81683
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 45.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.283 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

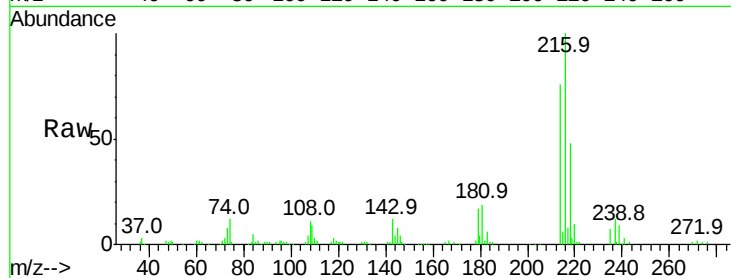
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 131007

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	18.1	17.0	25.6
108	13.4	12.8	19.2

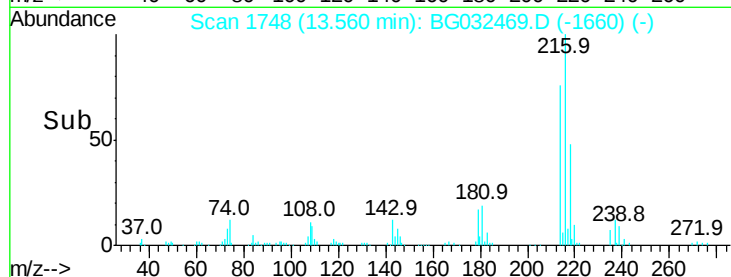


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time-->

13.56

80000

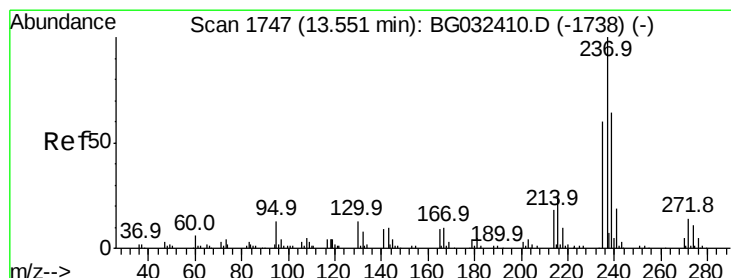
60000

40000

20000

0

13.50 13.60 13.70



#40

Hexachlorocyclopentadiene

Concen: 74.951 ng

RT: 13.54 min Scan# 1744

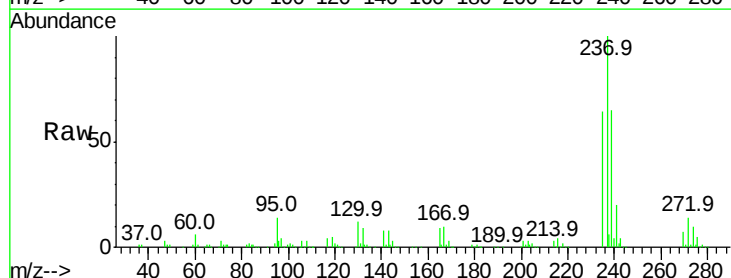
Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Tgt Ion:237 Resp: 178956

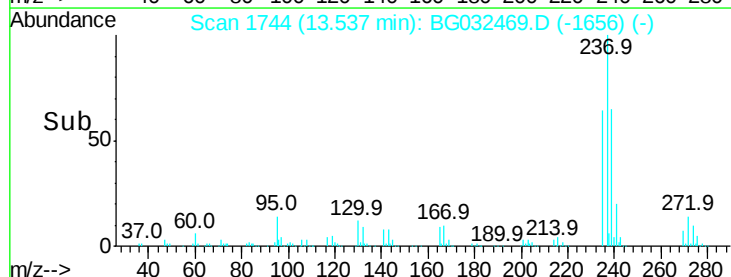
Ion	Ratio	Lower	Upper
237	100		
235	64.3	50.4	90.4
272	14.2	0.0	31.8



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



Time-->

13.54

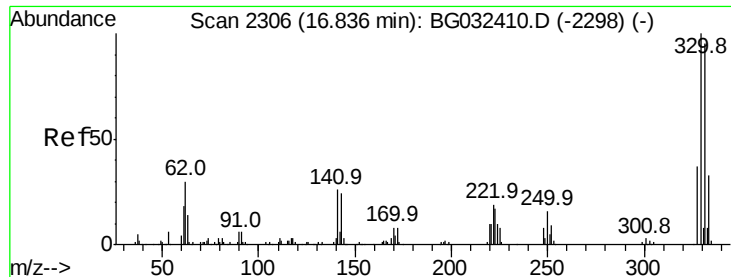
150000

100000

50000

0

13.50 13.60



#41

2,4,6-Tribromophenol

Concen: 76.304 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

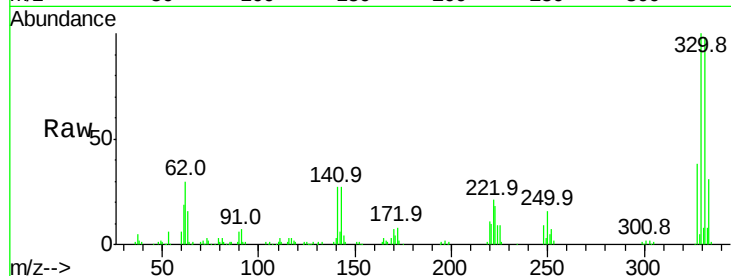
Tot Ion:330 Resp: 118640

Ion Ratio Lower Upper

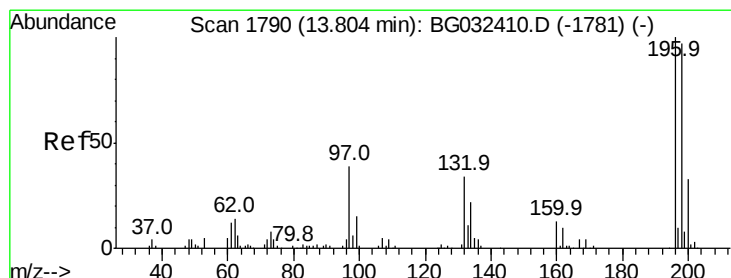
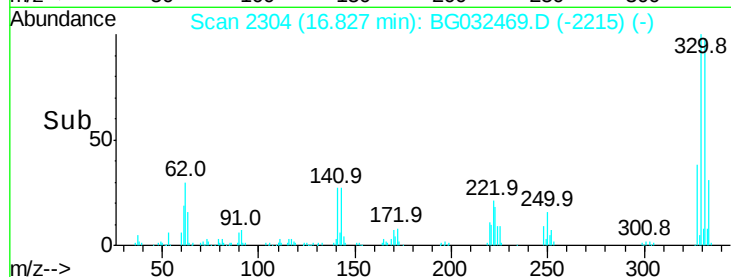
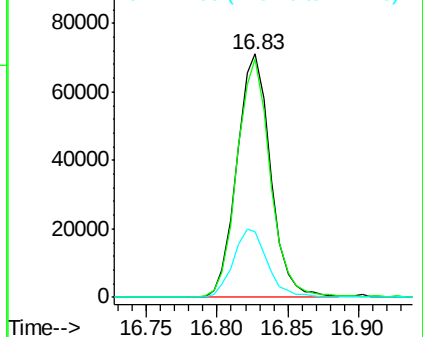
330 100

332 96.8 77.0 115.6

141 28.2 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: 38.269 ng

RT: 13.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

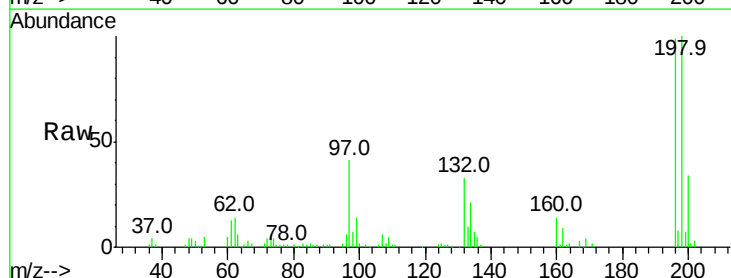
Tgt Ion:196 Resp: 79545

Ion Ratio Lower Upper

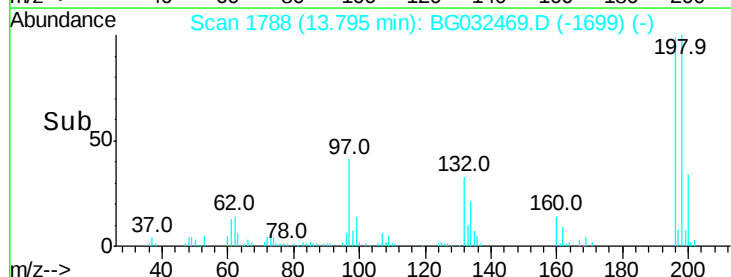
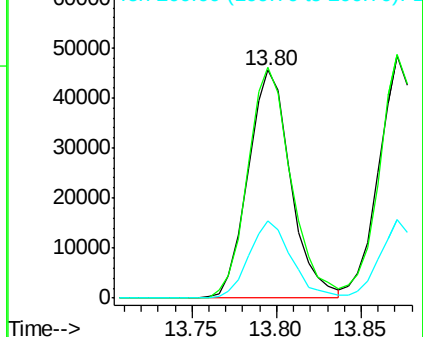
196 100

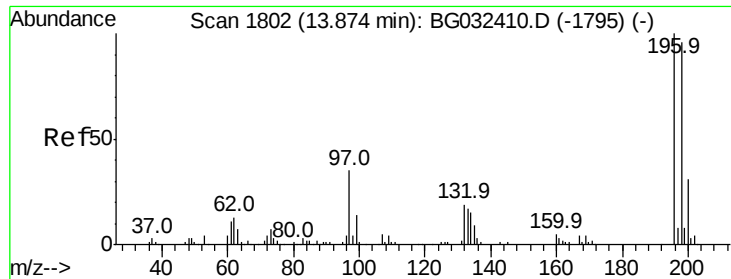
198 100.9 78.2 117.2

200 33.9 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

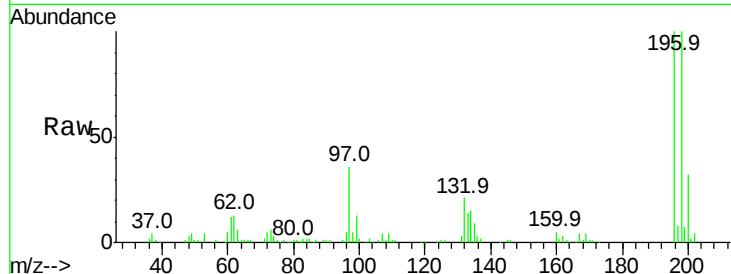




#43
 2,4,5-Trichlorophenol
 Concen: 37.849 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	76.2	114.4
97	36.3	38.7	58.1
132	21.0	20.2	30.2



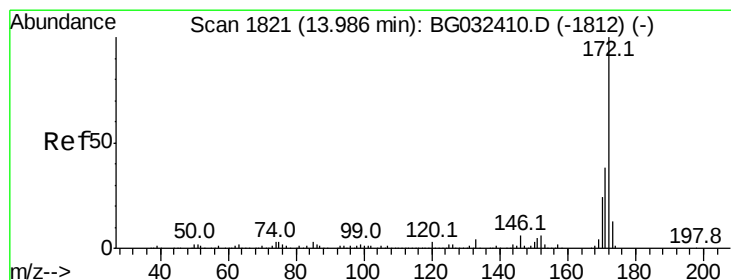
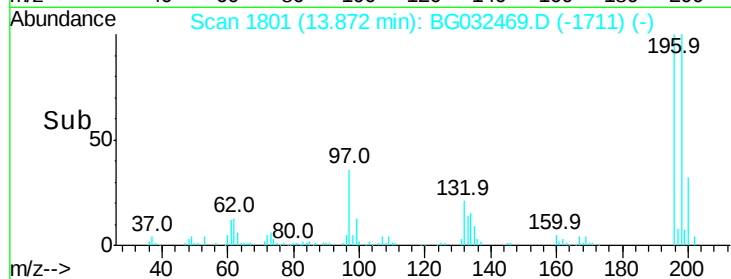
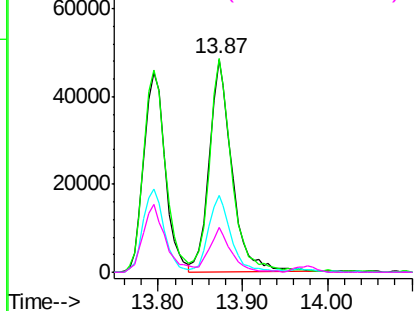
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

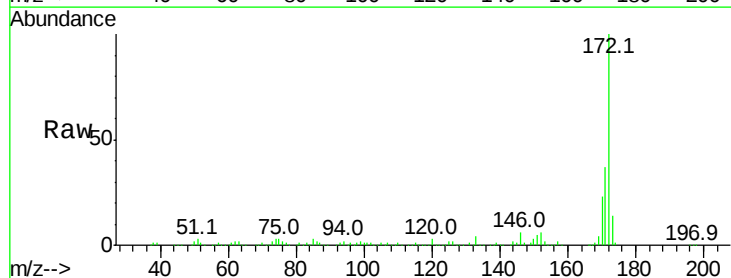
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.165 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.3	19.5	29.3

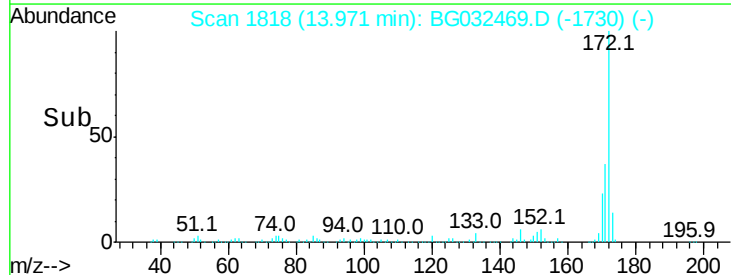
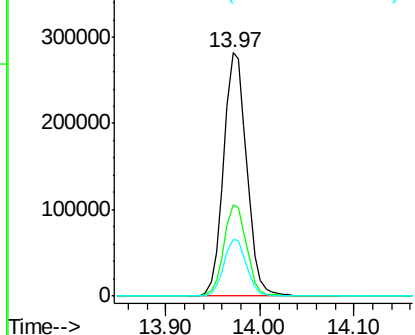


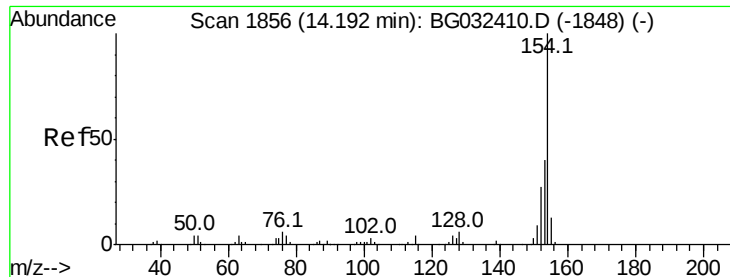
Abundance

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: 34.609 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

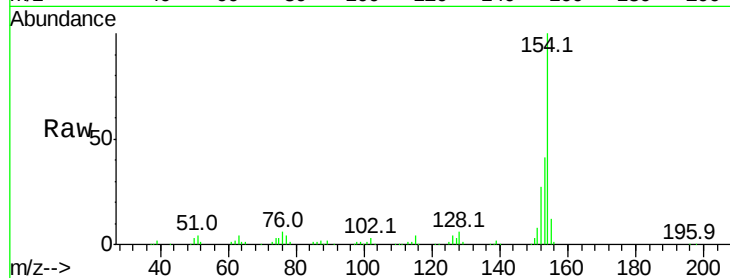
Tot Ion:154 Resp: 238836

Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

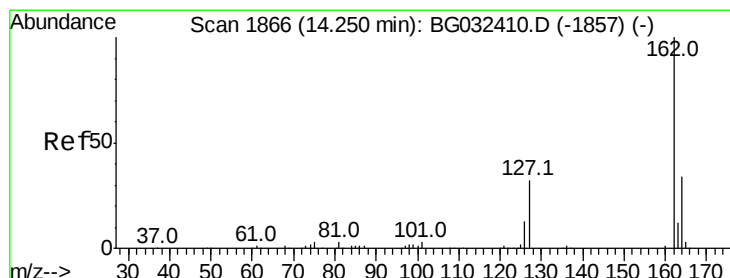
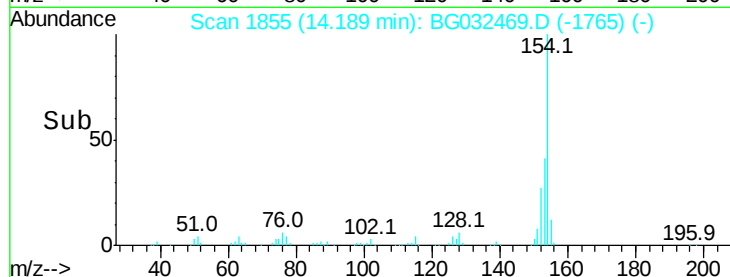
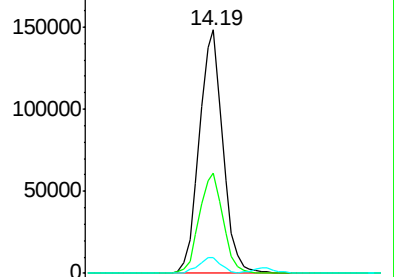
76 6.5 0.0 31.9



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: 35.019 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

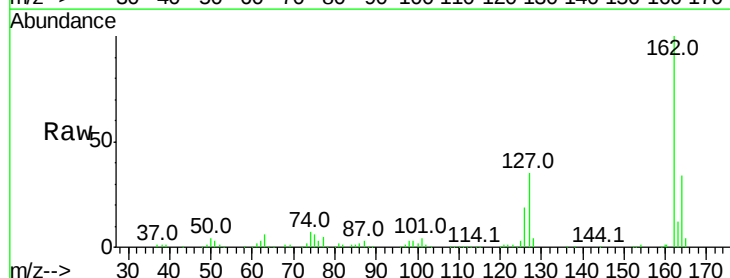
Tgt Ion:162 Resp: 189415

Ion Ratio Lower Upper

162 100

127 34.8 30.7 46.1

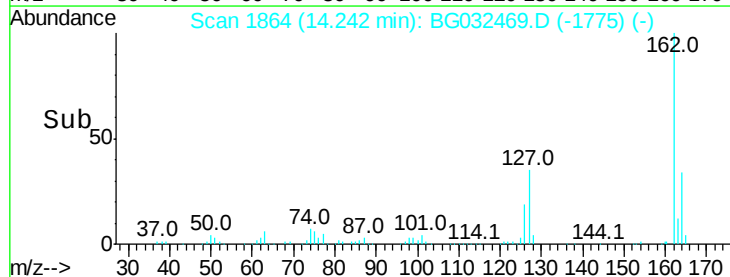
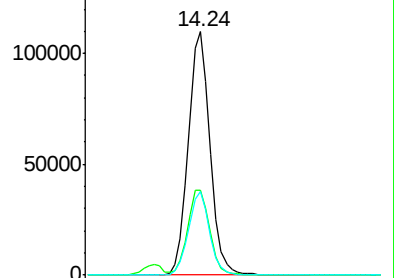
164 34.3 26.0 39.0

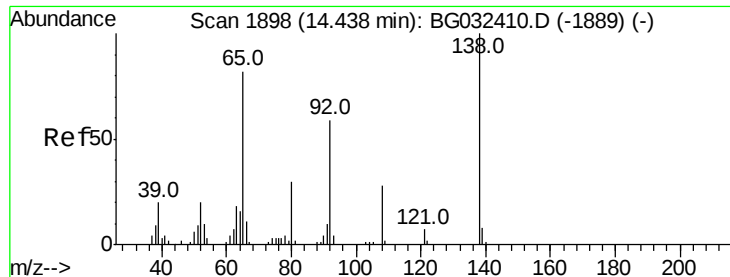


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.793 ng

RT: 14.44 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

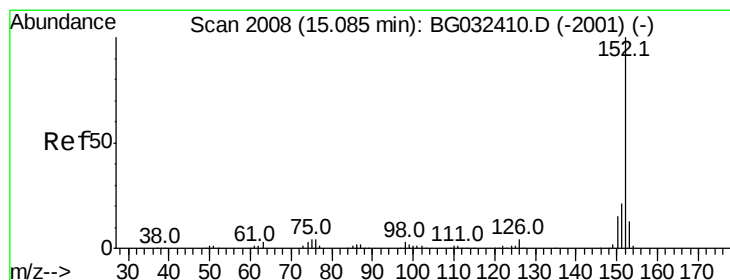
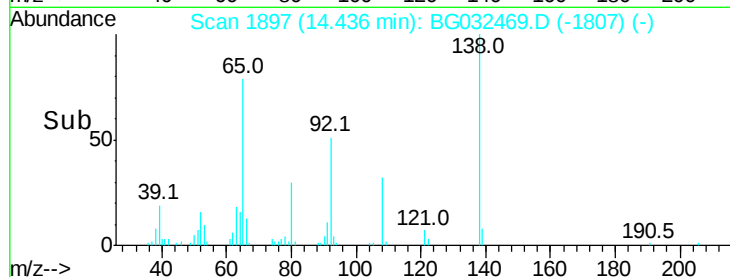
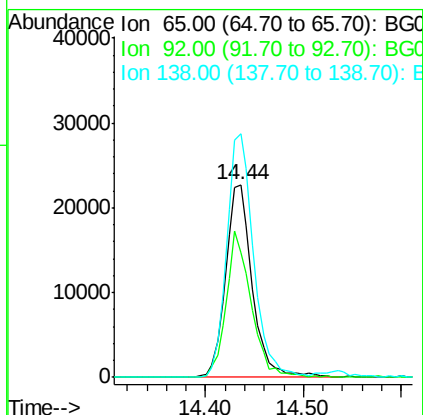
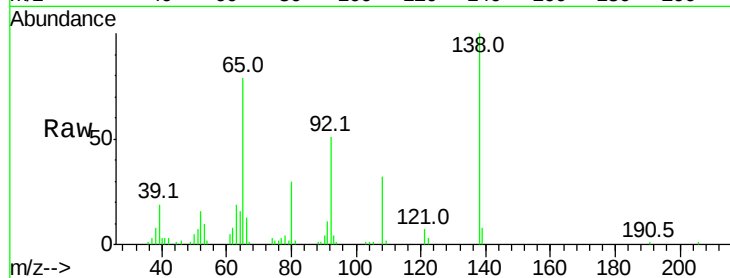
Tot Ion: 65 Resp: 42813

Ion Ratio Lower Upper

65 100

92 64.9 54.6 82.0

138 126.4 72.9 109.3#



#48

Acenaphthylene

Concen: 35.018 ng

RT: 15.08 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

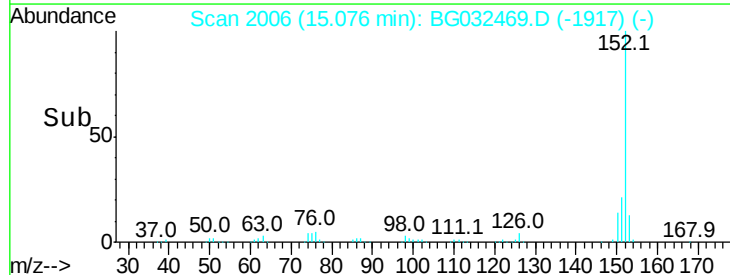
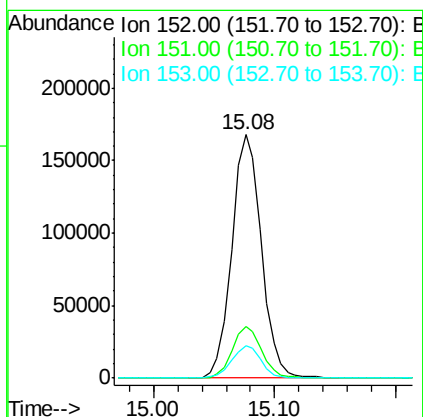
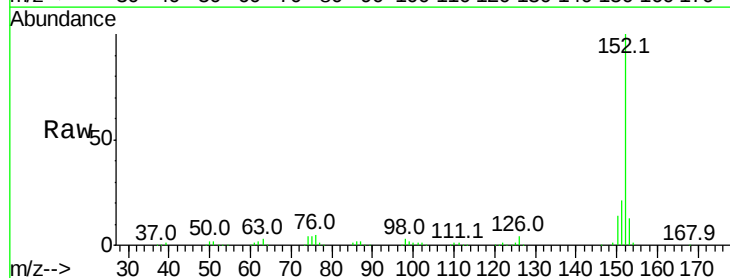
Tgt Ion: 152 Resp: 286337

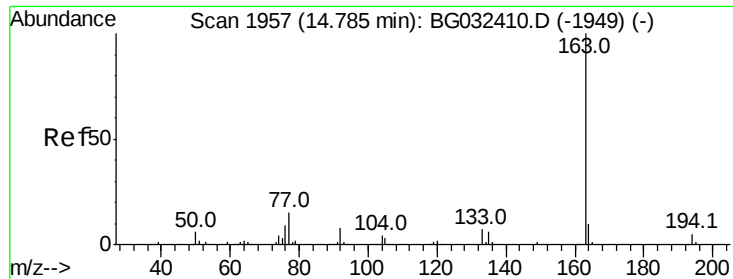
Ion Ratio Lower Upper

152 100

151 21.4 17.2 25.8

153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 34.294 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

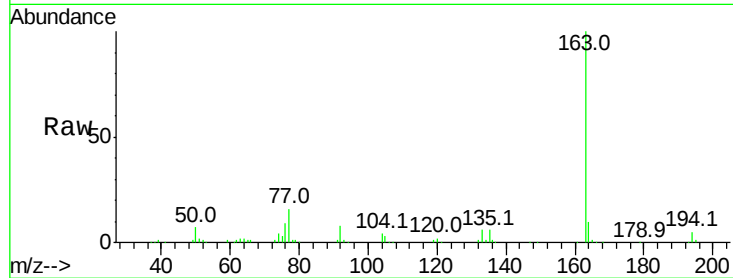
Tot Ion:163 Resp: 258283

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

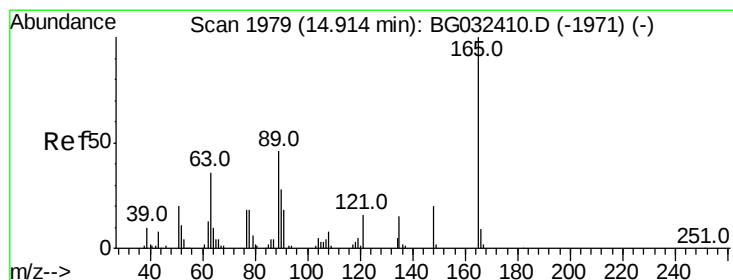
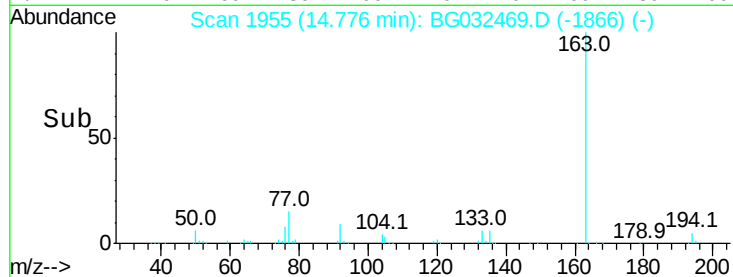
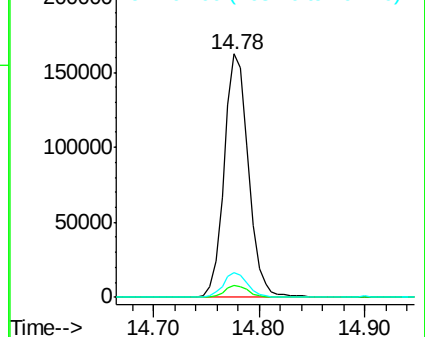
164 10.4 8.2 12.4



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: 35.589 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

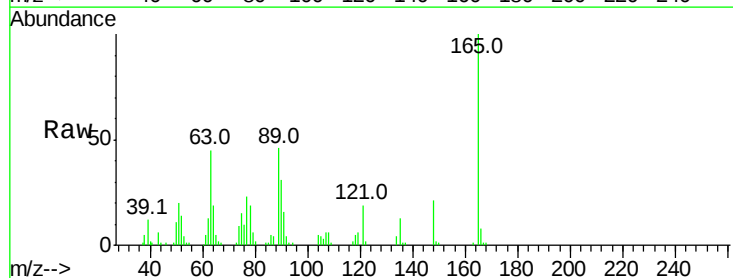
Tgt Ion:165 Resp: 56259

Ion Ratio Lower Upper

165 100

63 45.2 52.7 79.1#

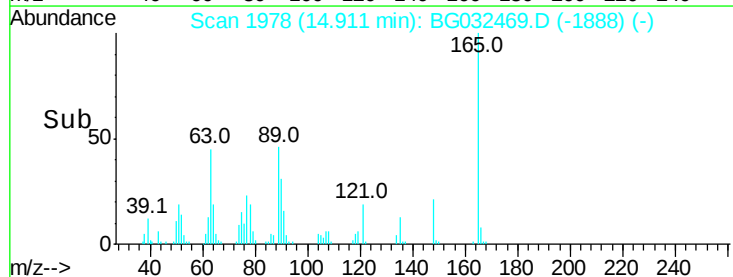
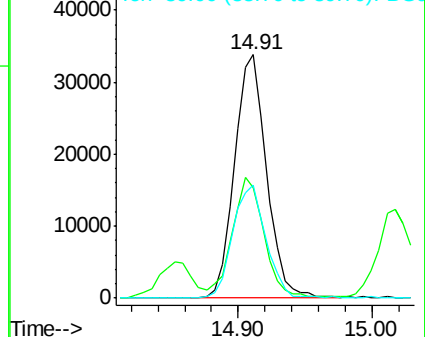
89 46.4 49.2 73.8#

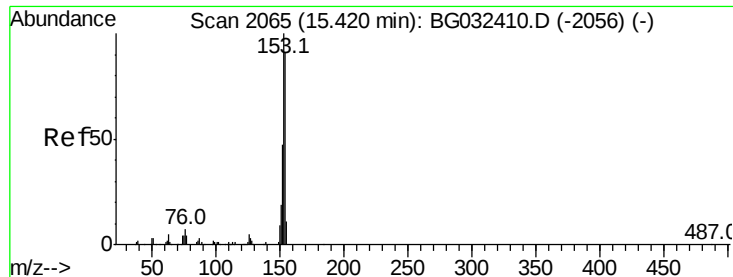


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.119 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

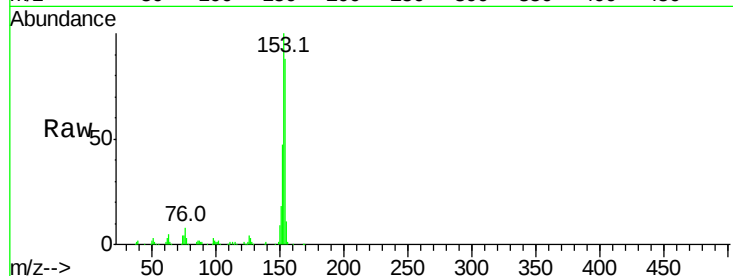
Tot Ion:154 Resp: 216167

Ion Ratio Lower Upper

154 100

153 113.9 90.4 135.6

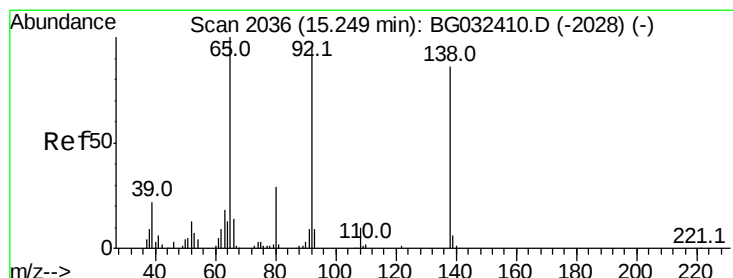
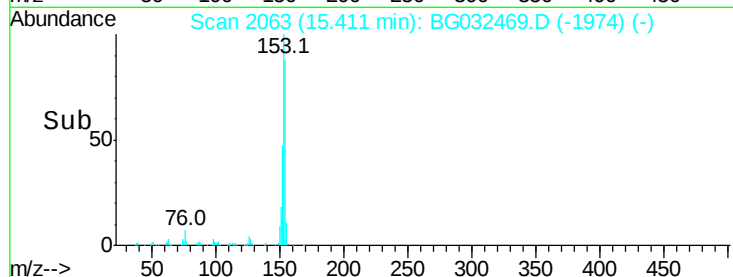
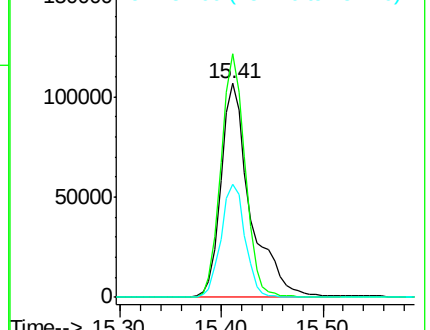
152 53.2 41.6 62.4



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: 19.439 ng

RT: 15.25 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

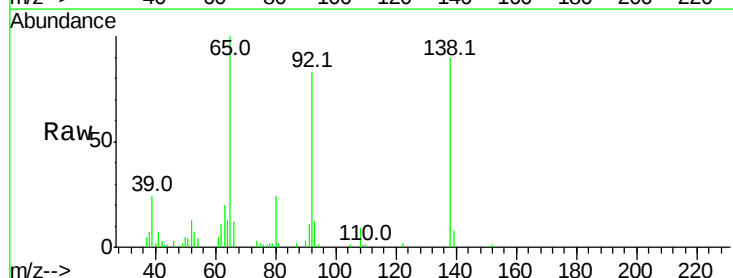
Tgt Ion:138 Resp: 26840

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

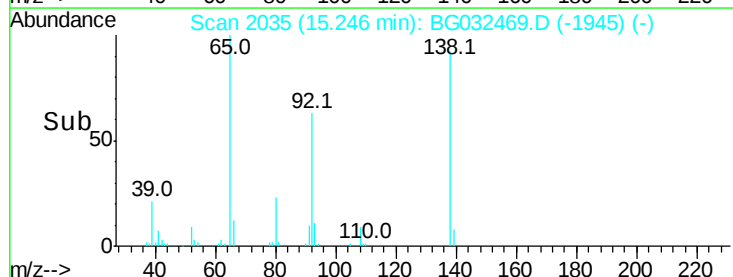
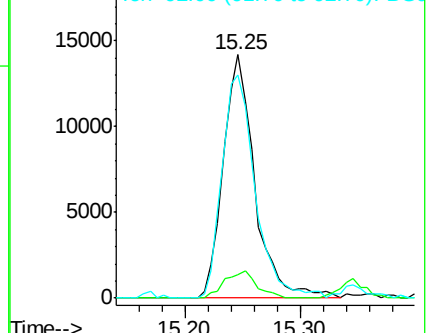
92 91.5 105.8 158.8#

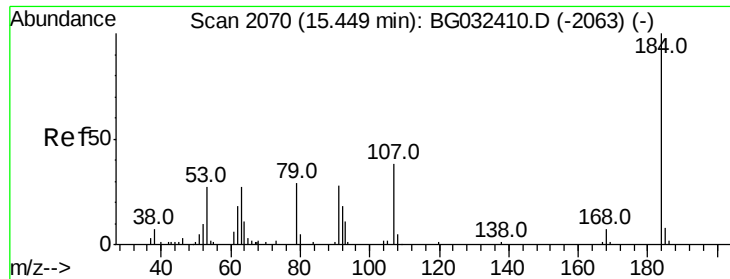


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

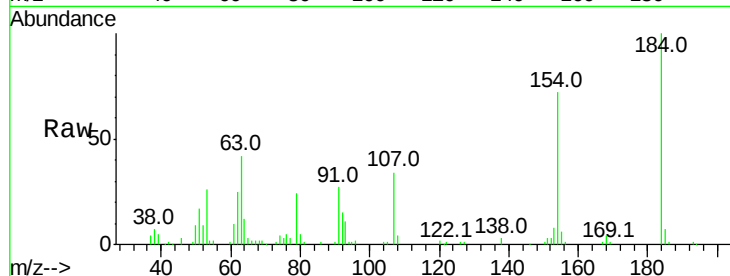




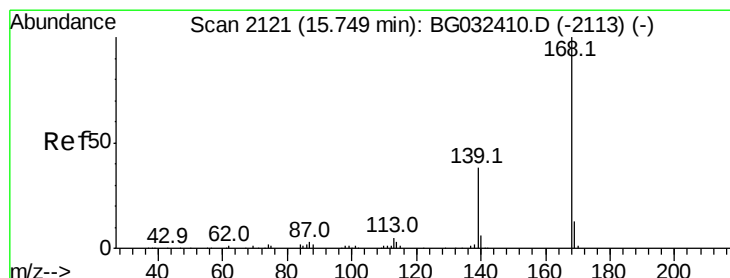
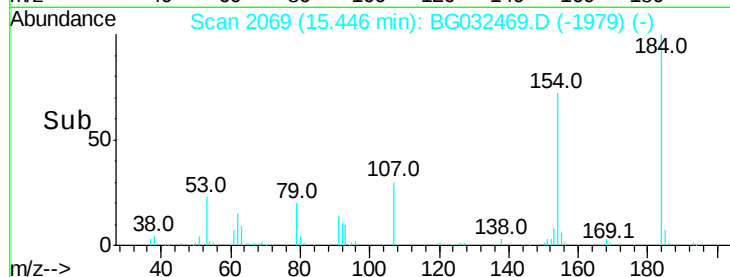
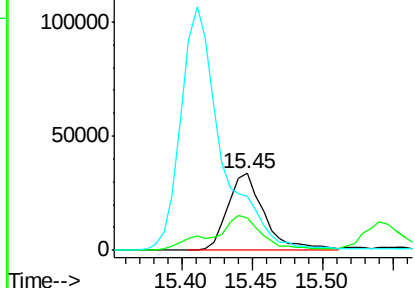
#53
 2,4-Dinitrophenol
 Concen: 62.933 ng
 RT: 15.45 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 61188
 Ion Ratio Lower Upper
 184 100
 63 42.1 59.8 89.8#
 154 71.5 101.8 152.8#

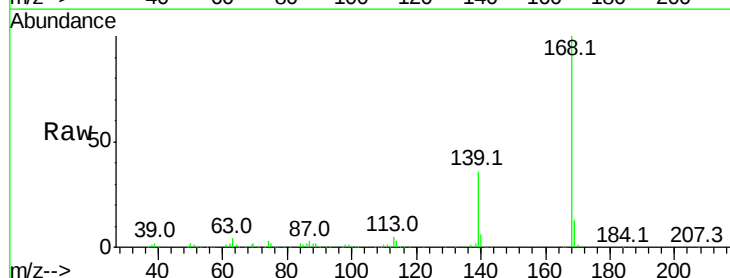


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

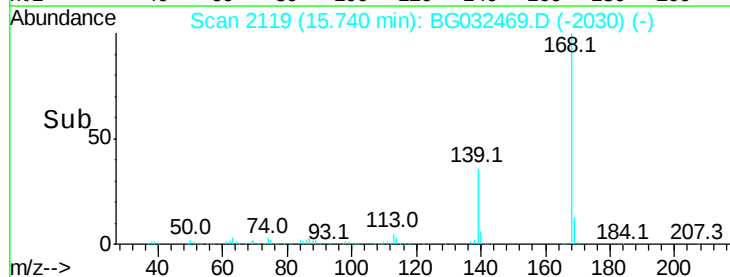
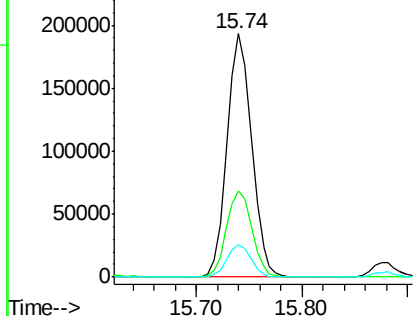


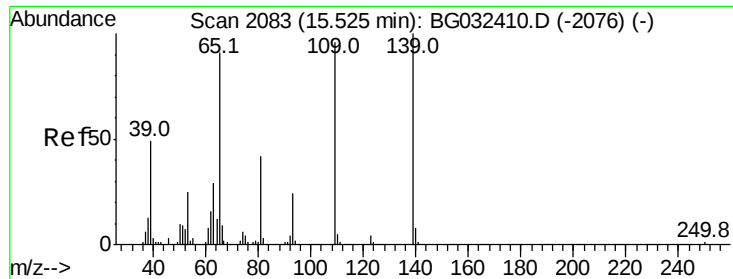
#54
 Dibenzofuran
 Concen: 37.048 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion:168 Resp: 310965
 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: 73.898 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

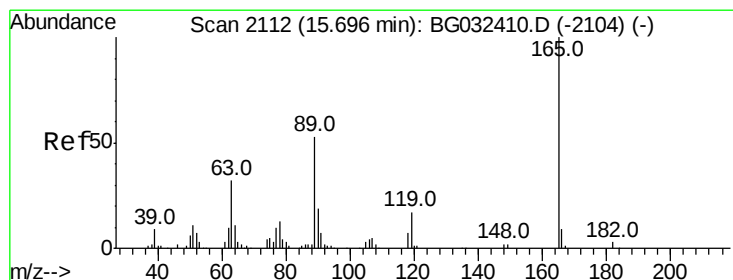
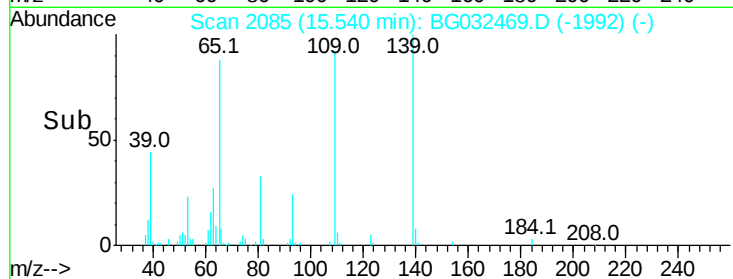
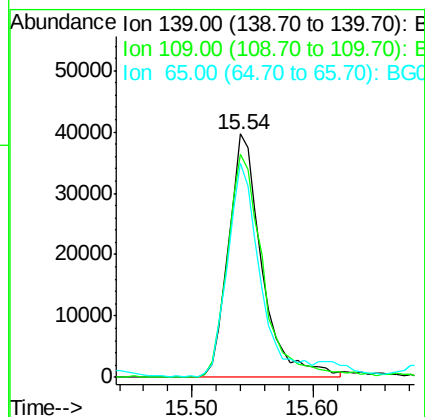
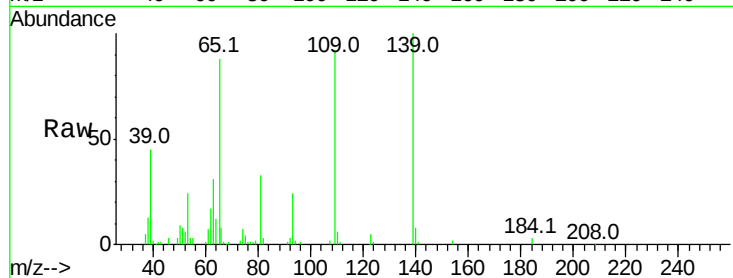
Tot Ion:139 Resp: 76388

Ion Ratio Lower Upper

139 100

109 91.5 62.2 102.2

65 87.9 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 36.779 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Tgt Ion:165 Resp: 82779

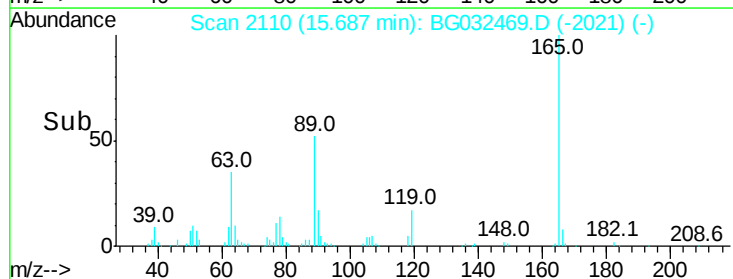
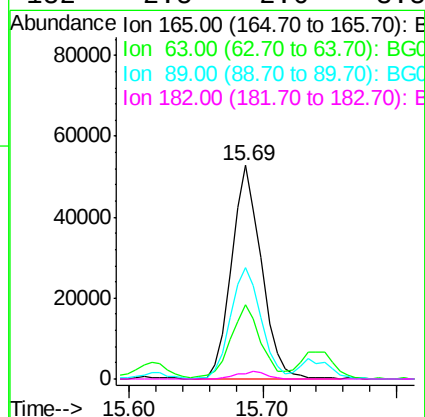
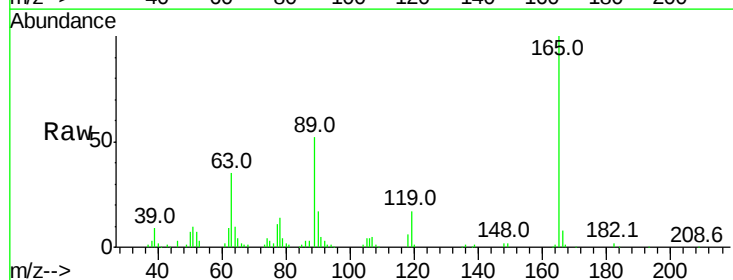
Ion Ratio Lower Upper

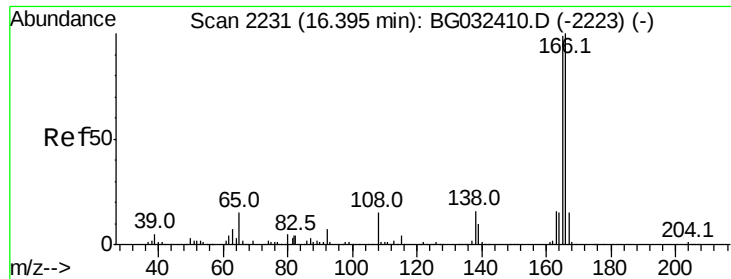
165 100

63 35.0 42.0 63.0#

89 52.1 66.9 100.3#

182 2.5 2.6 3.8#





#57

Fluorene

Concen: 35.439 ng

RT: 16.39 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

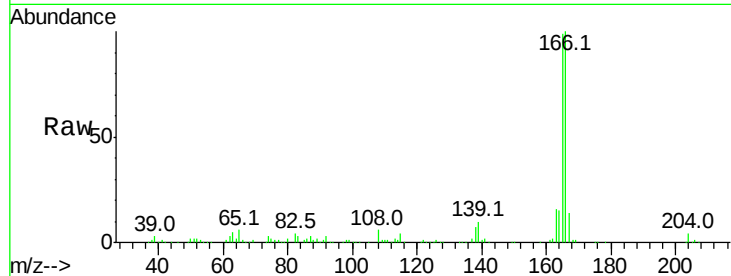
Tot Ion:166 Resp: 247177

Ion Ratio Lower Upper

166 100

165 98.7 80.6 121.0

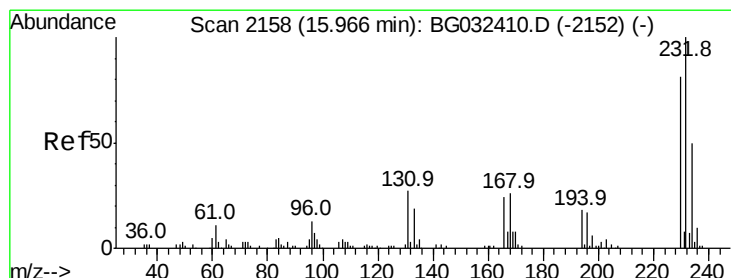
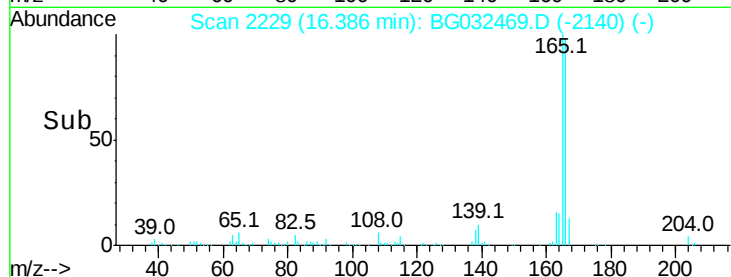
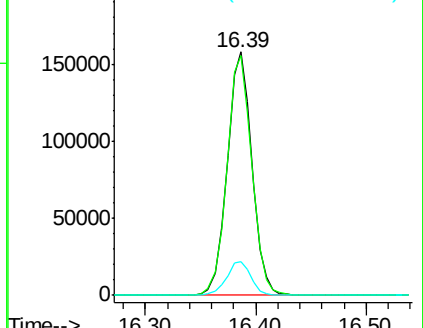
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.649 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Tgt Ion:232 Resp: 97144

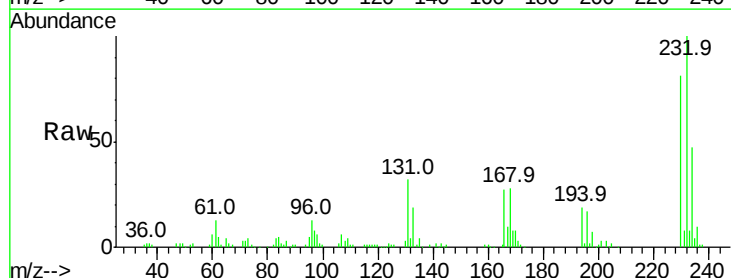
Ion Ratio Lower Upper

232 100

131 31.0 33.5 50.3#

130 1.8 2.2 3.2#

166 23.0 24.8 37.2#

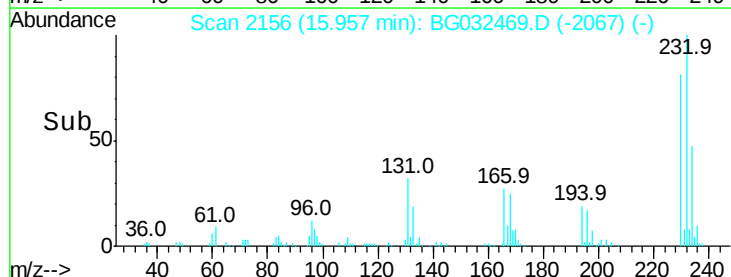
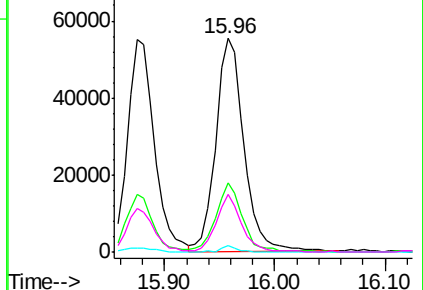


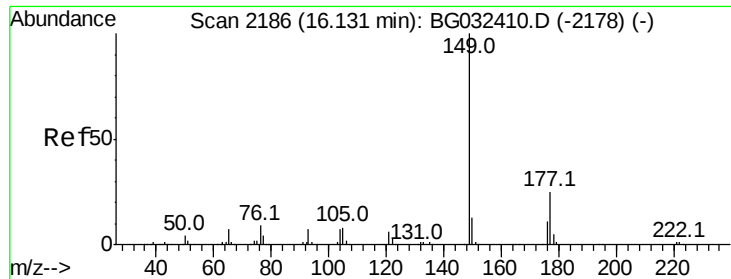
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

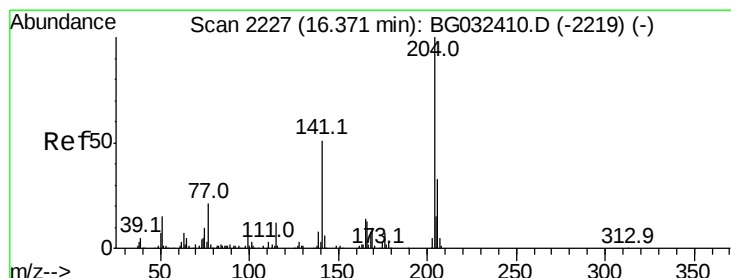
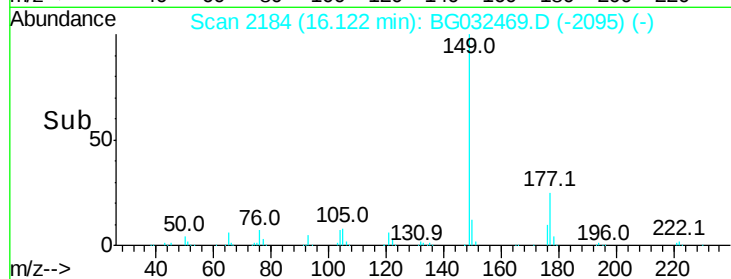
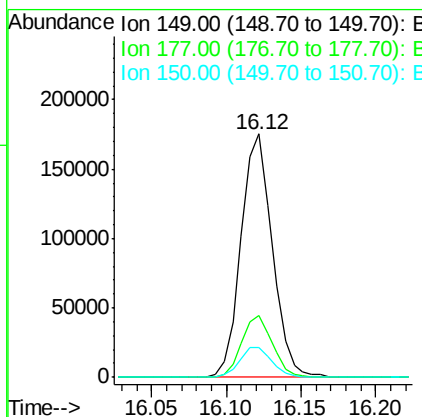
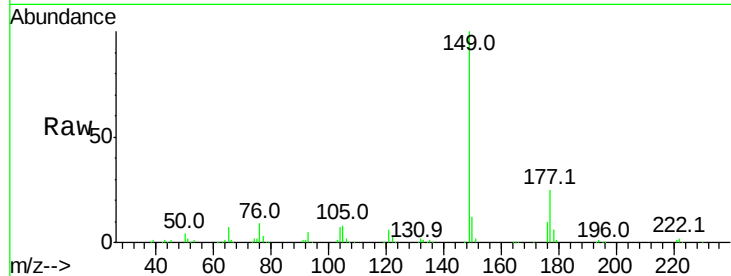




#59
 Diethylphthalate
 Concen: 34.713 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

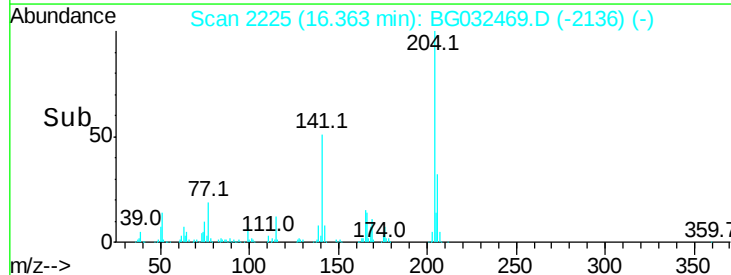
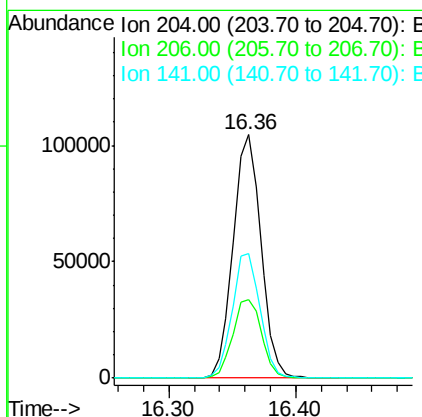
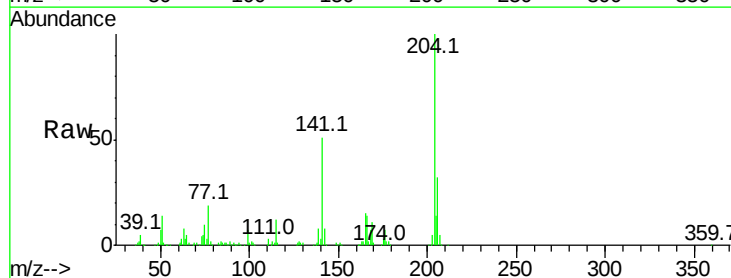
Instrument :
 BNA_G
 ClientSampleId :

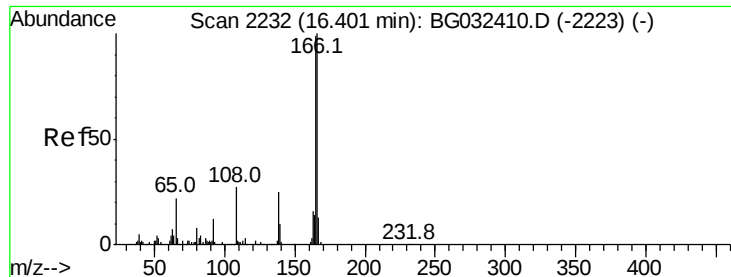
Tot Ion:	149	Resp:	254634
Ion	Ratio	Lower	Upper
149	100		
177	25.2	18.5	27.7
150	12.3	10.2	15.2



#60
 4-Chlorophenyl-phenylether
 Concen: 36.041 ng
 RT: 16.36 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion:	204	Resp:	158516
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	51.3	45.8	68.6

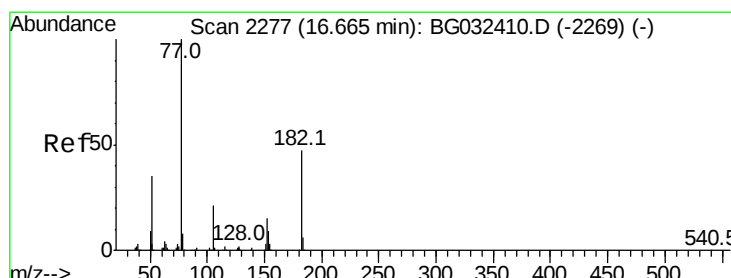
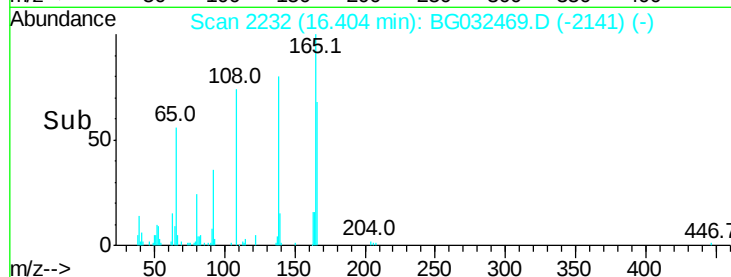
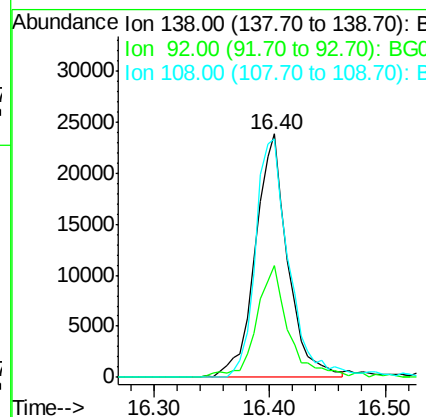
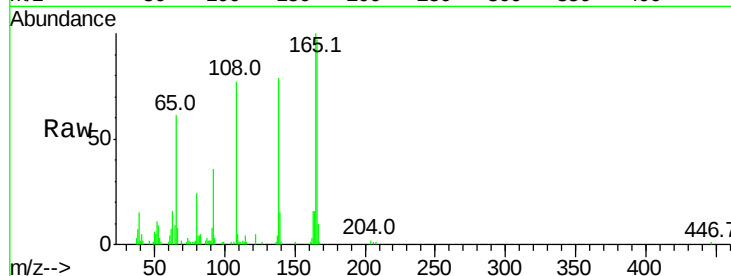




#61
4-Nitroaniline
Concen: 31.520 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

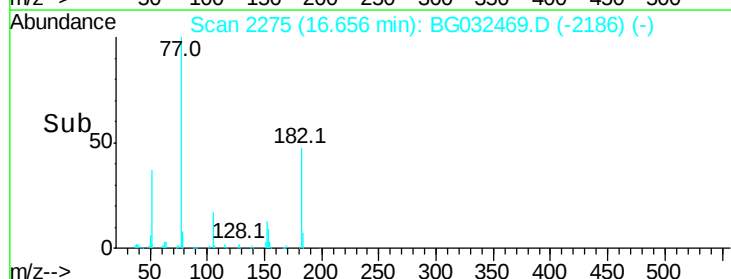
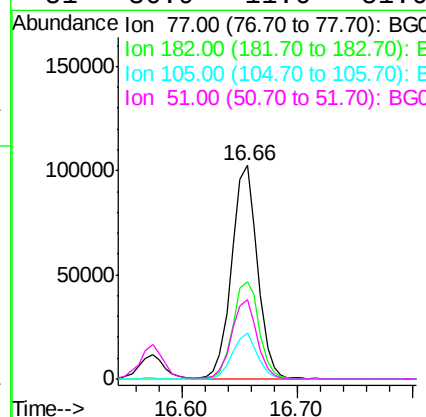
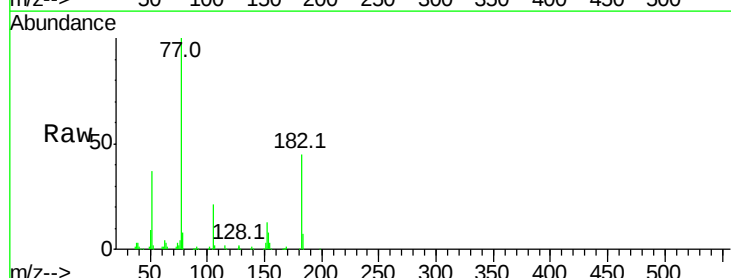
Instrument :
BNA_G
ClientSampleId :

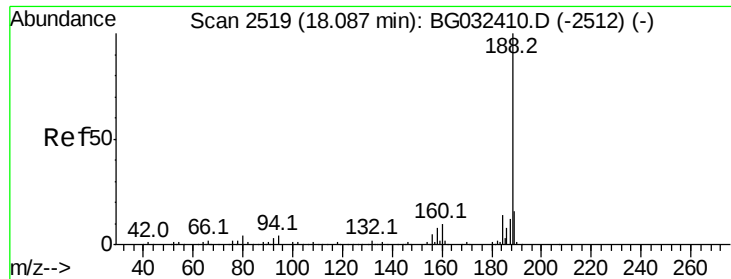
Tot Ion:138 Resp: 46647
Ion Ratio Lower Upper
138 100
92 45.9 40.1 80.1
108 97.8 65.4 105.4



#62
Azobenzene
Concen: 36.240 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion: 77 Resp: 158862
Ion Ratio Lower Upper
77 100
182 45.4 7.4 47.4
105 21.3 0.3 40.3
51 36.9 11.6 51.6

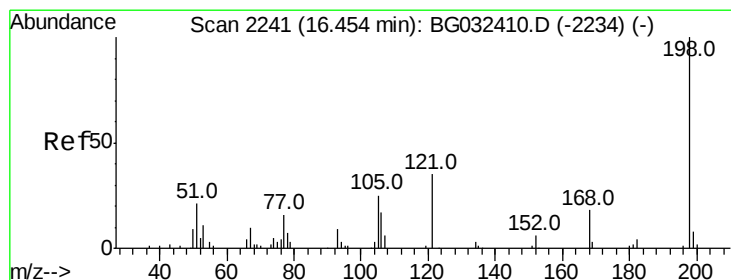
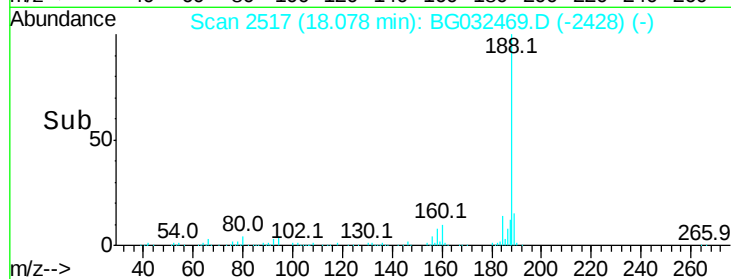
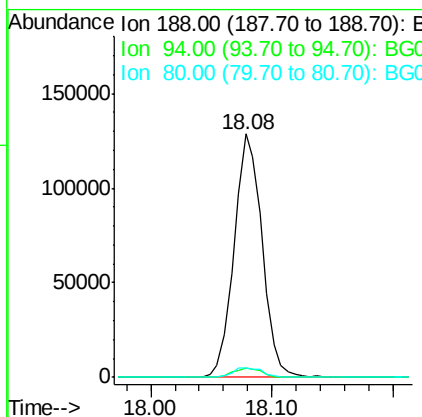
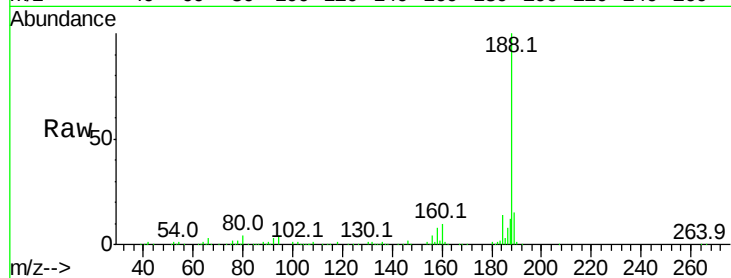




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.08 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

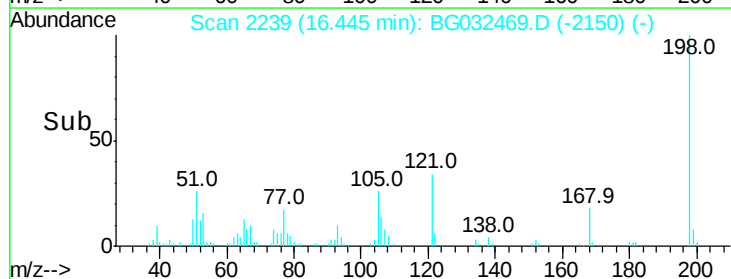
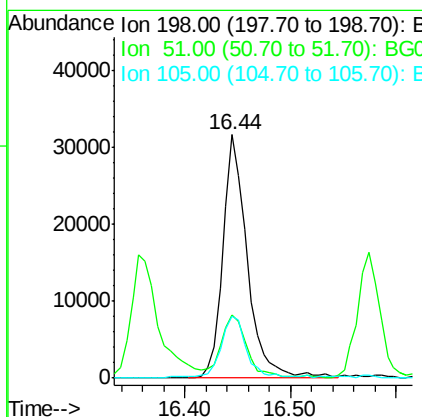
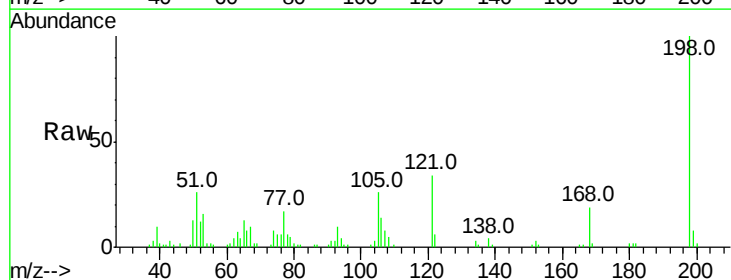
Instrument :
 BNA_G
 ClientSampleId :

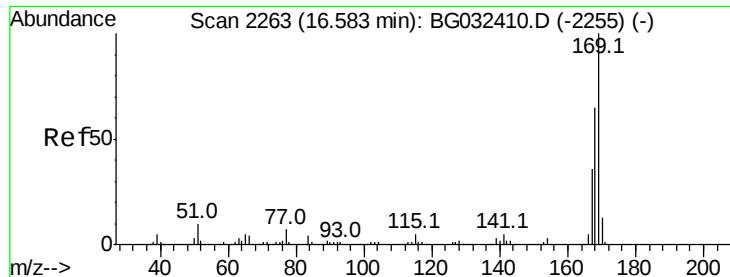
Tot Ion:188 Resp: 207721
 Ion Ratio Lower Upper
 188 100
 94 3.6 6.9 10.3#
 80 3.7 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.788 ng
 RT: 16.44 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion:198 Resp: 50881
 Ion Ratio Lower Upper
 198 100
 51 25.9 30.6 70.6#
 105 25.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.755 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

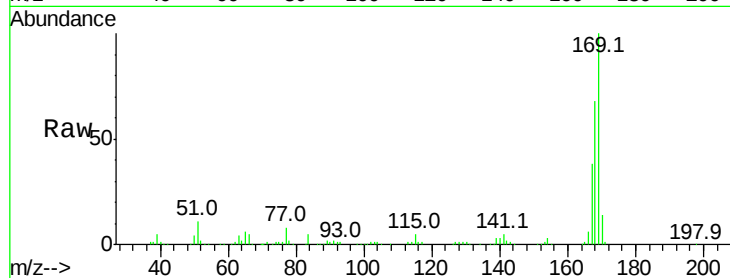
Tot Ion:169 Resp: 227846

Ion Ratio Lower Upper

169 100

168 68.5 55.7 83.5

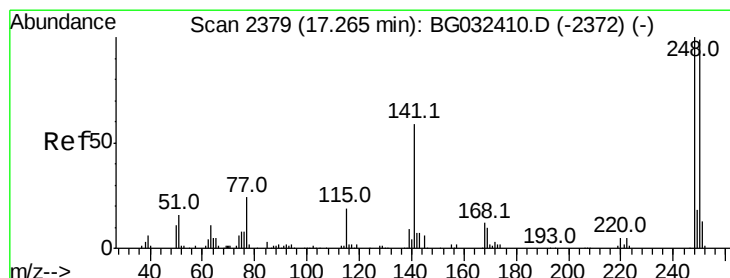
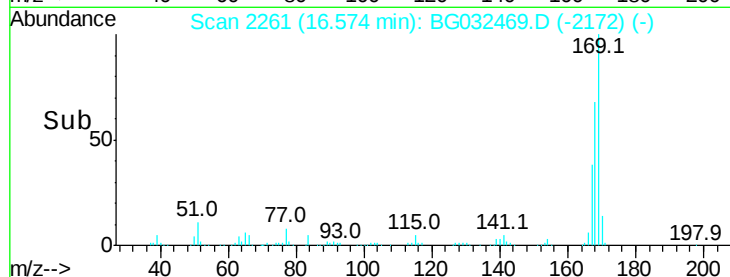
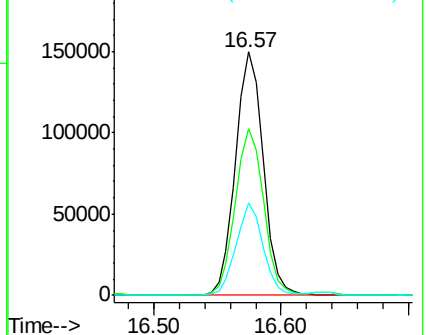
167 38.1 30.1 45.1



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: 37.875 ng

RT: 17.26 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

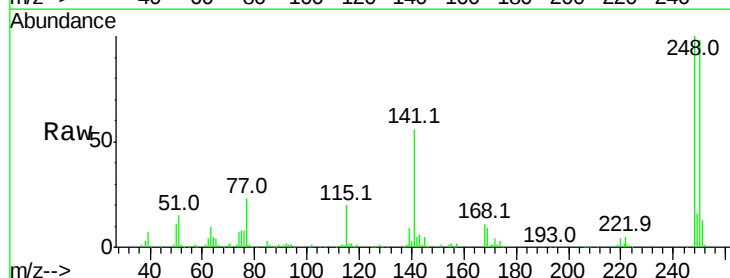
Tgt Ion:248 Resp: 116554

Ion Ratio Lower Upper

248 100

250 98.1 77.1 115.7

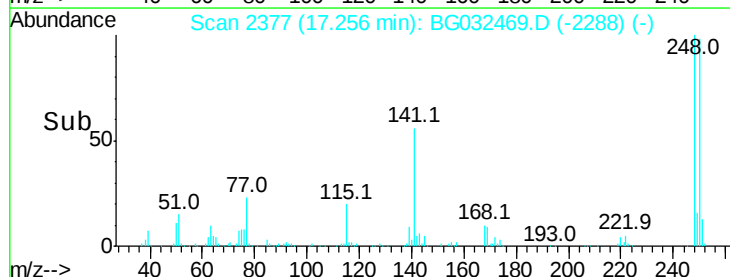
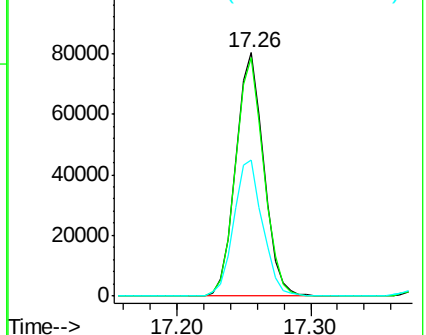
141 56.0 50.8 76.2

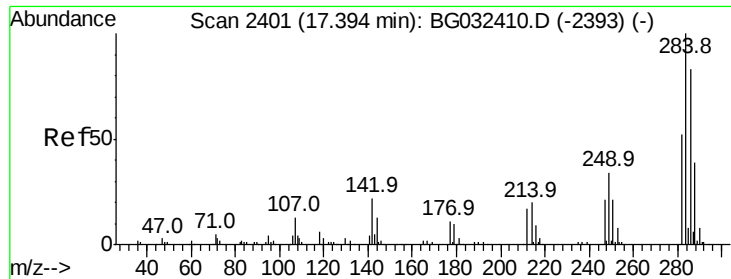


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.485 ng

RT: 17.39 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

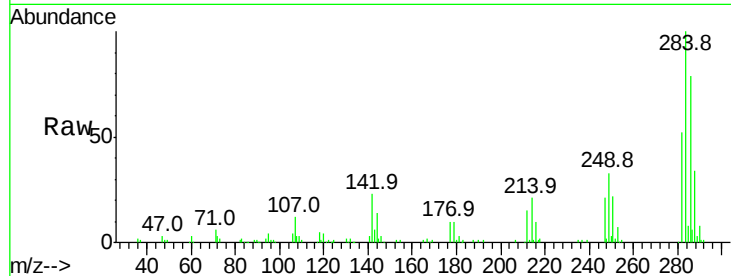
Tot Ion:284 Resp: 124253

Ion Ratio Lower Upper

284 100

142 23.1 26.8 40.2#

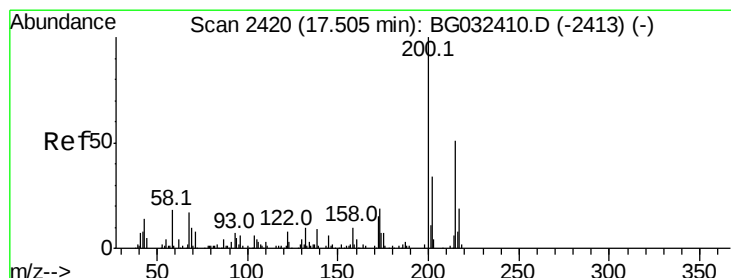
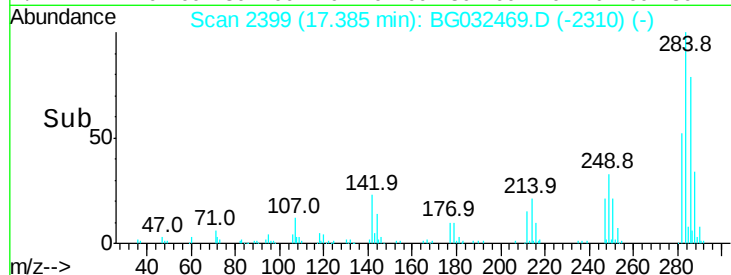
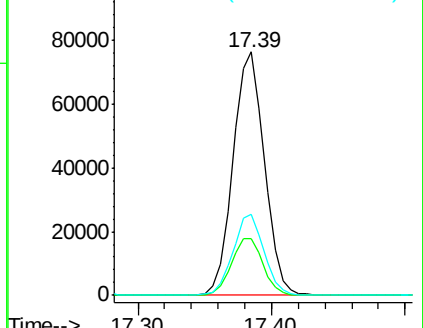
249 33.3 26.3 39.5



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: 40.105 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

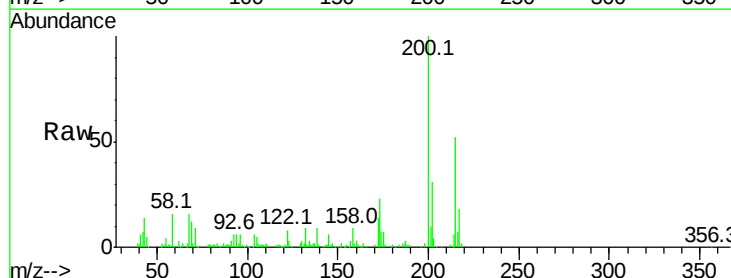
Tgt Ion:200 Resp: 106725

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

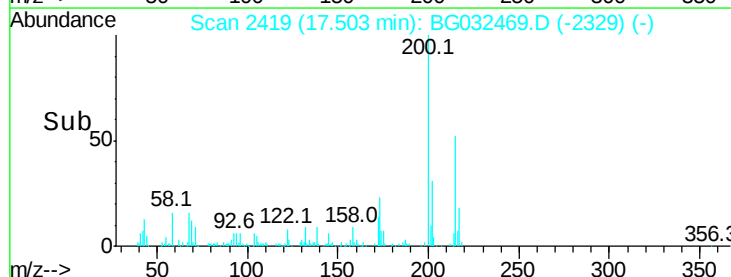
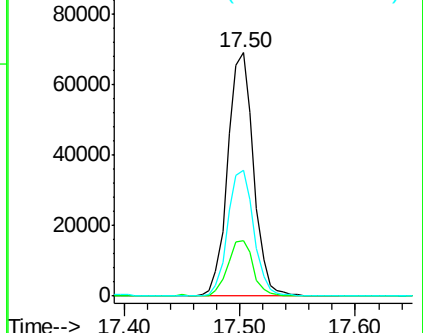
215 51.8 30.4 70.4

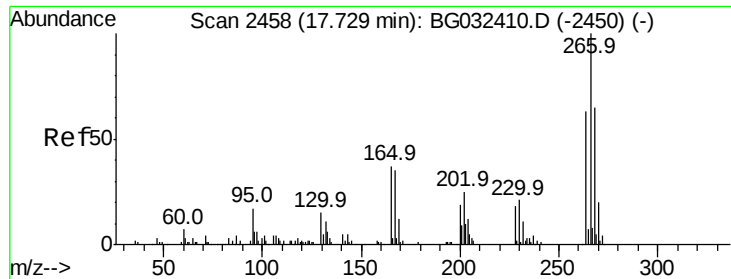


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

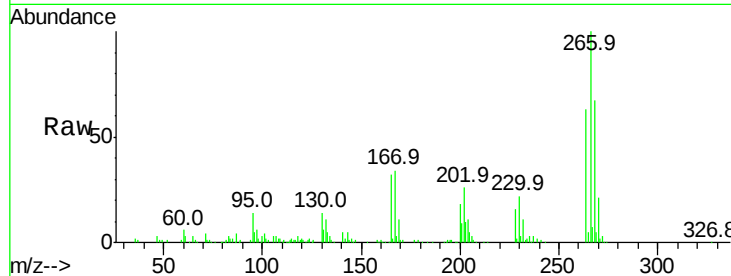




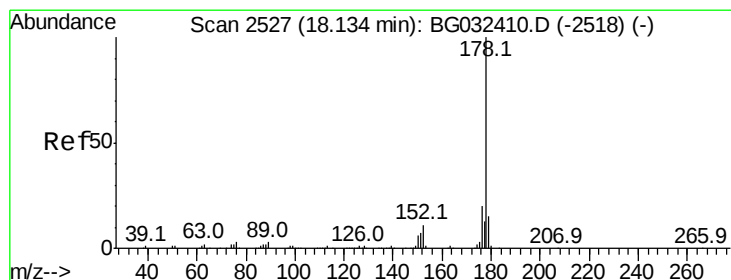
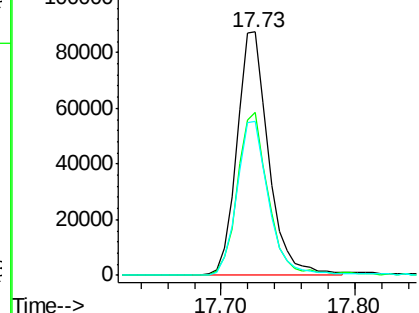
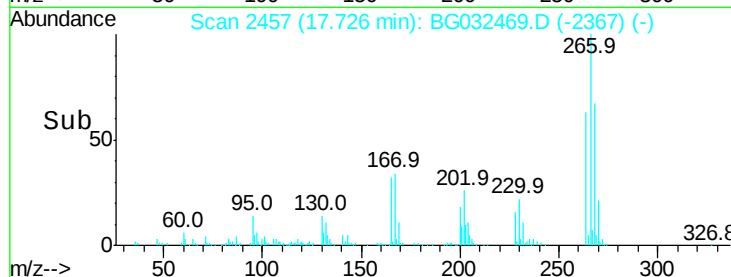
#69
 Pentachlorophenol
 Concen: 67.560 ng
 RT: 17.73 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.9	51.1	76.7
264	63.1	49.6	74.4

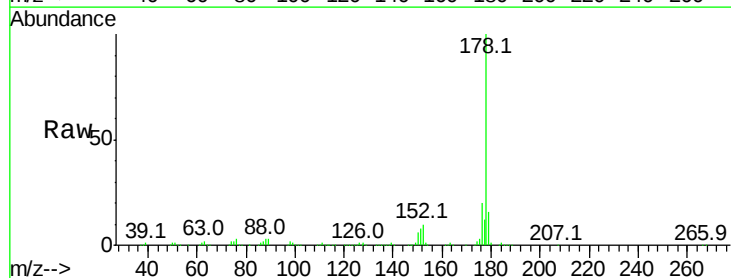


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

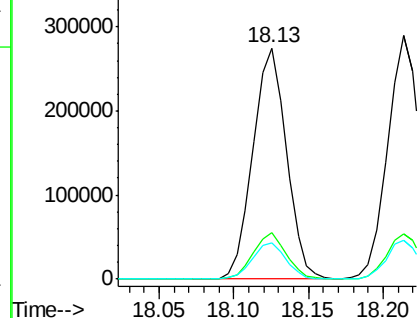
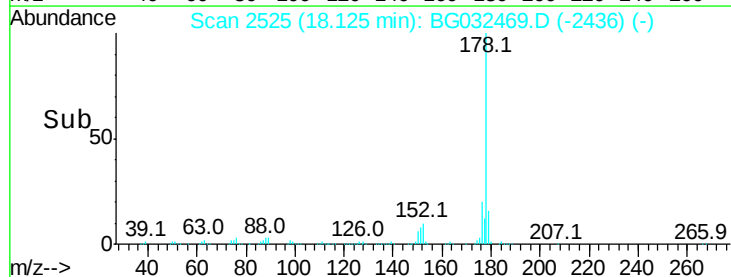


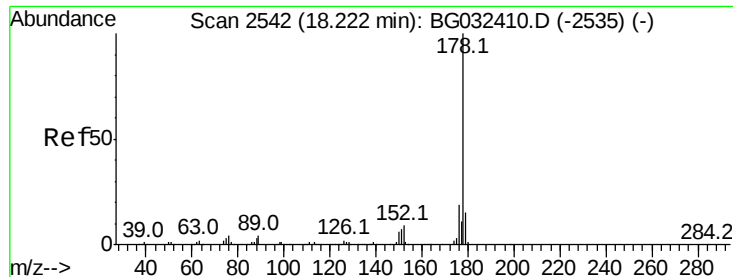
#70
 Phenanthrene
 Concen: 36.923 ng
 RT: 18.13 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.5	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

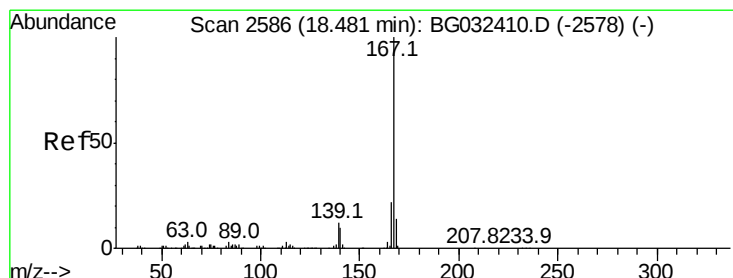
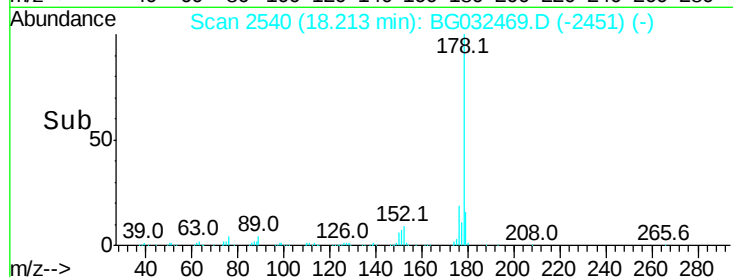
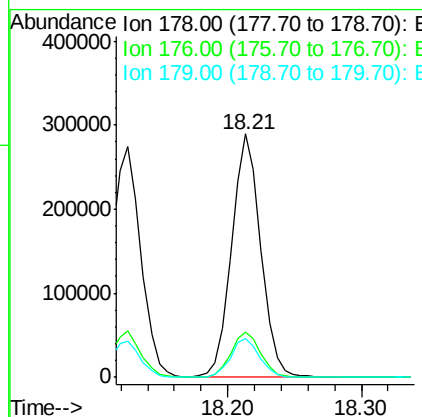
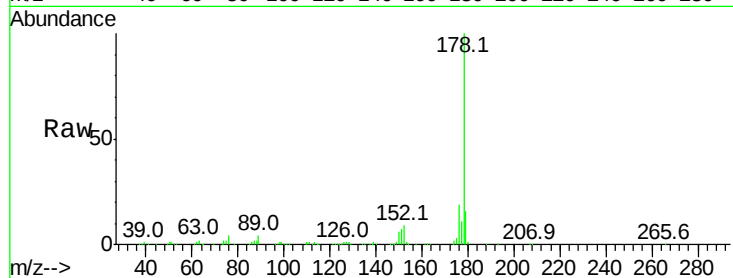




#71
 Anthracene
 Concen: 37.966 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

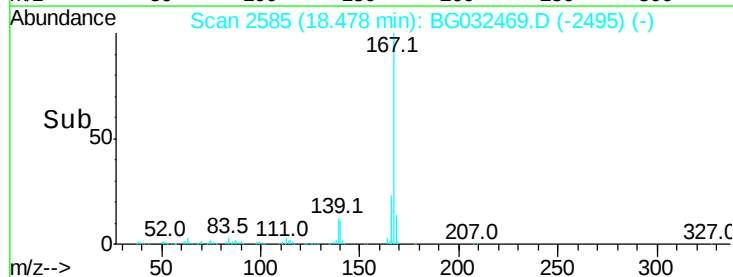
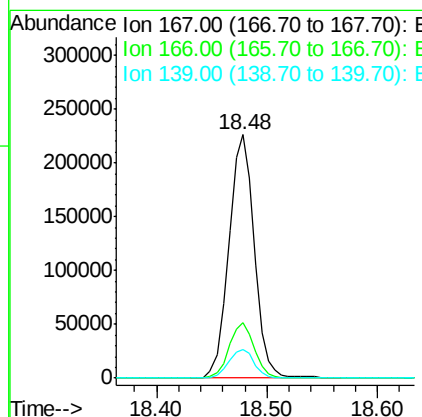
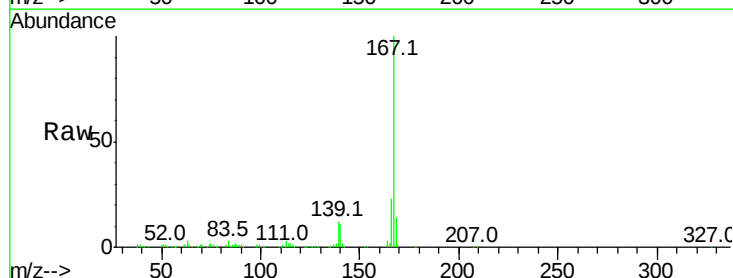
Instrument :
 BNA_G
 ClientSampleId :

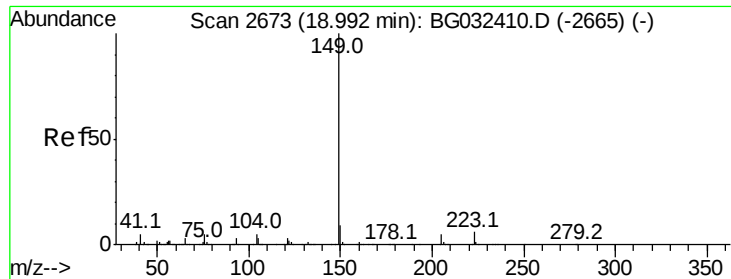
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.0	12.5	18.7



#72
 Carbazole
 Concen: 35.793 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	11.6	9.4	14.2

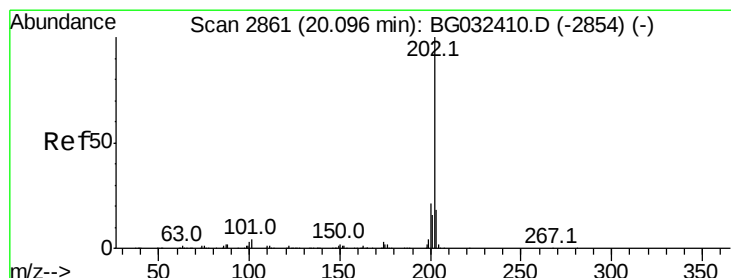
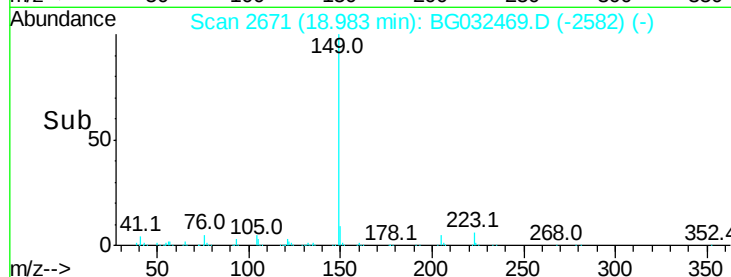
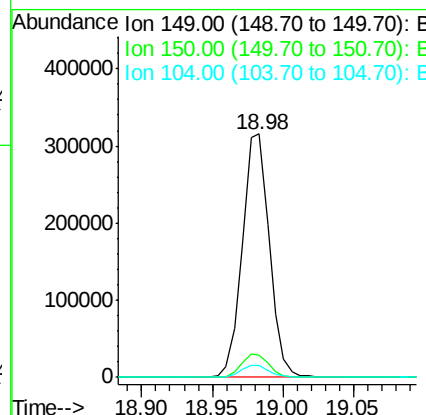
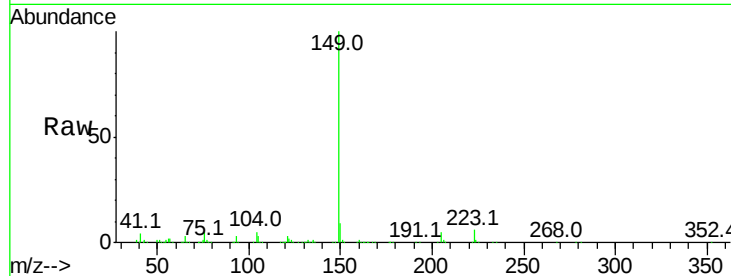




#73
Di-n-butylphthalate
Concen: 37.431 ng
RT: 18.98 min Scan# 2671
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

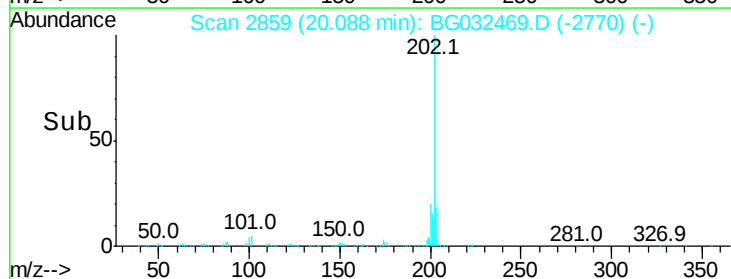
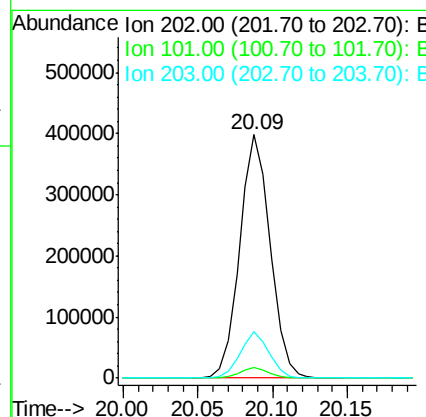
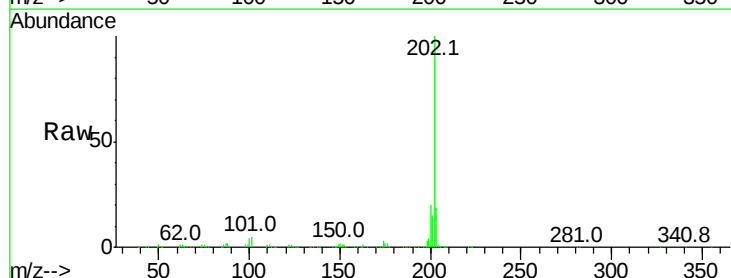
Instrument :
BNA_G
ClientSampleId :

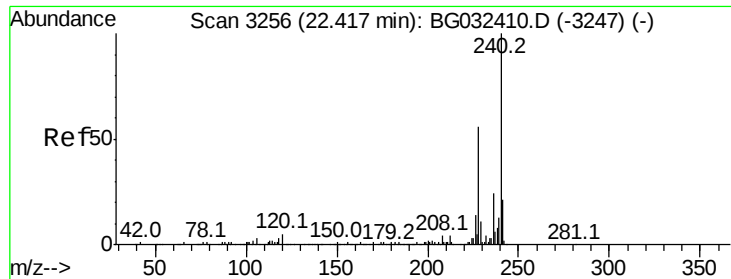
Tot Ion:149 Resp: 422351
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 37.165 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion:202 Resp: 564593
Ion Ratio Lower Upper
202 100
101 4.6 0.0 28.9
203 19.3 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

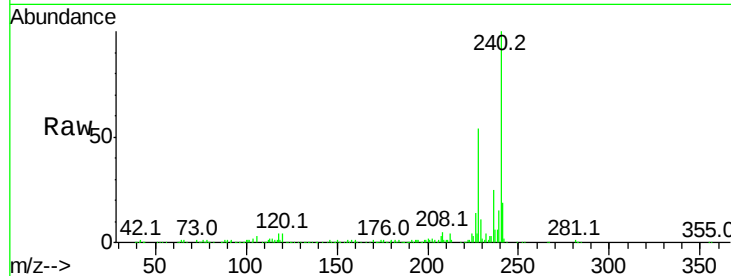
Tot Ion:240 Resp: 261607

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

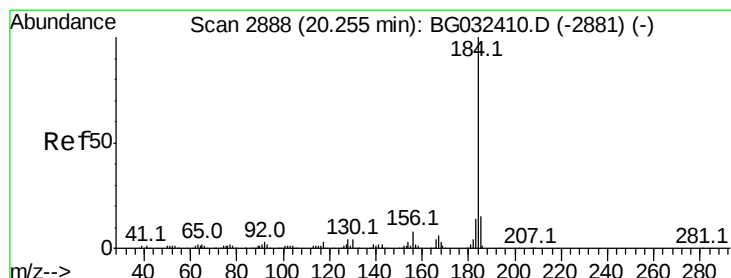
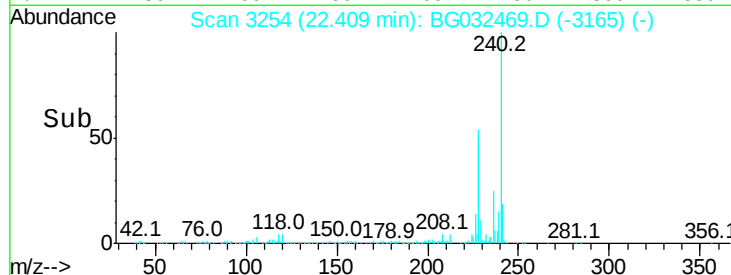
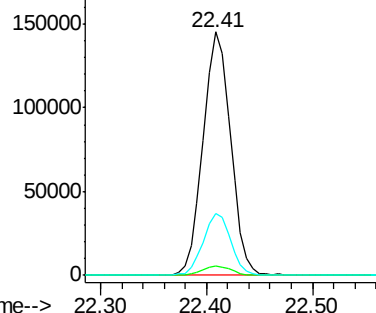
236 25.4 20.9 31.3



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: 32.734 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

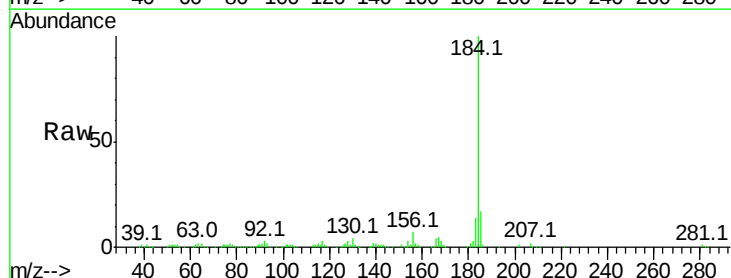
Tgt Ion:184 Resp: 168153

Ion Ratio Lower Upper

184 100

185 16.6 11.1 16.7

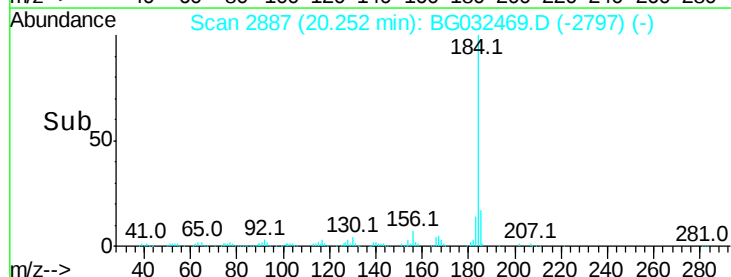
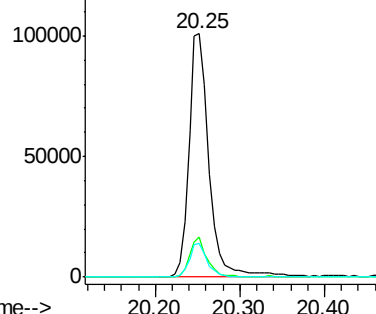
183 13.8 10.6 16.0

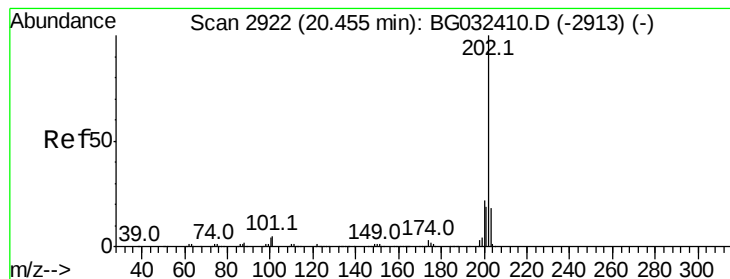


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.253 ng

RT: 20.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

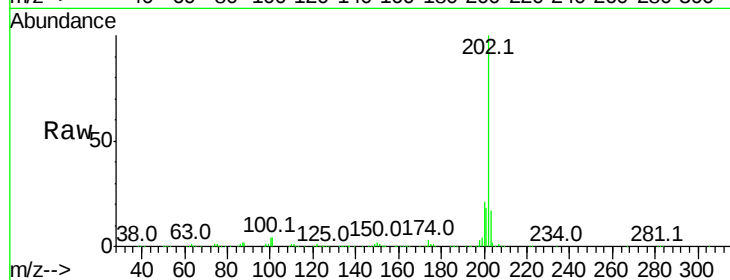
Tot Ion:202 Resp: 565647

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

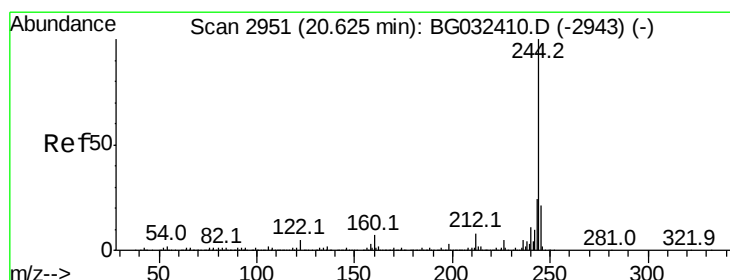
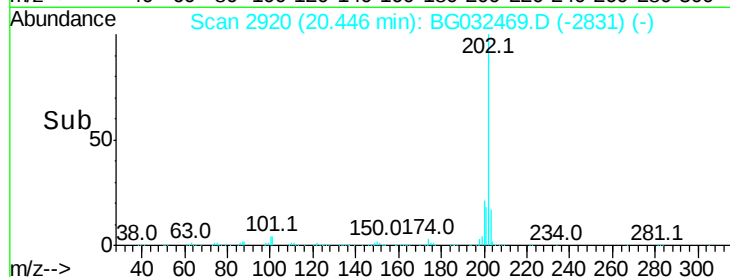
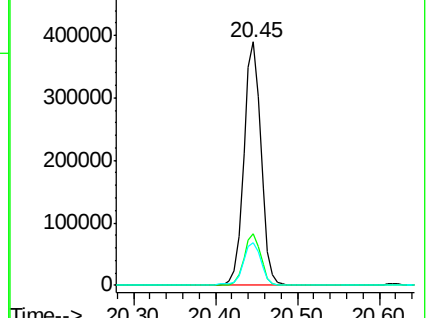
203 17.4 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.560 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

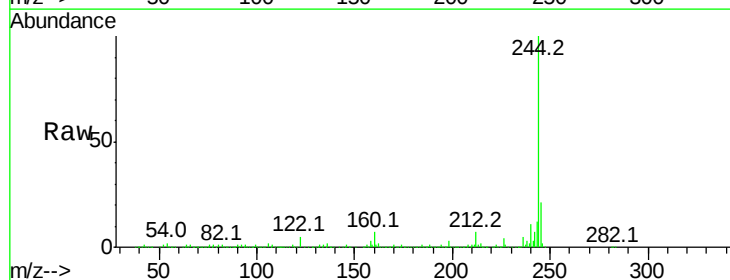
Tgt Ion:244 Resp: 910582

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

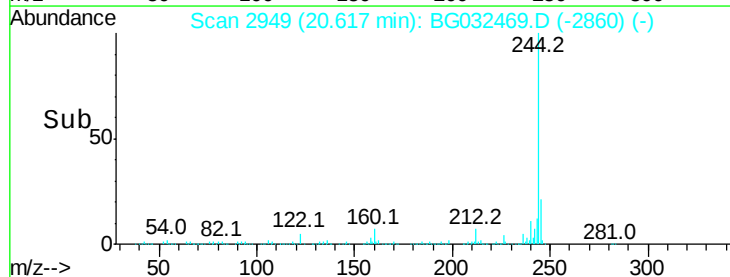
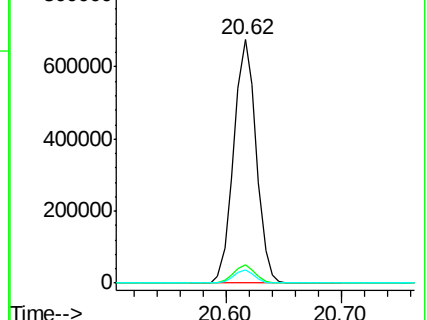
122 5.3 7.0 10.4#

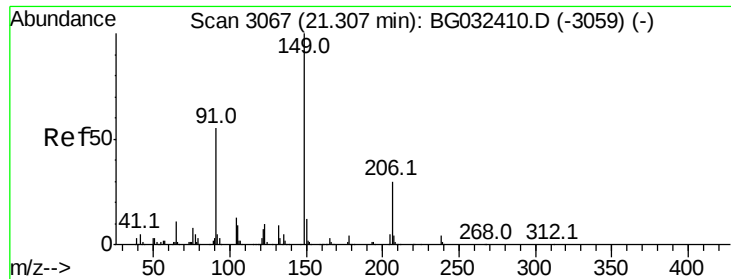


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

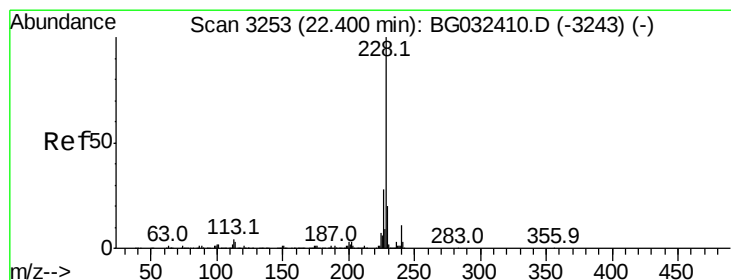
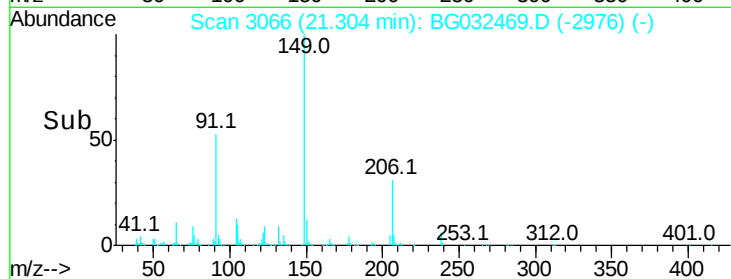
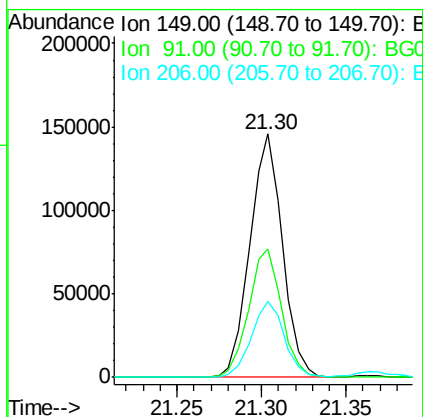
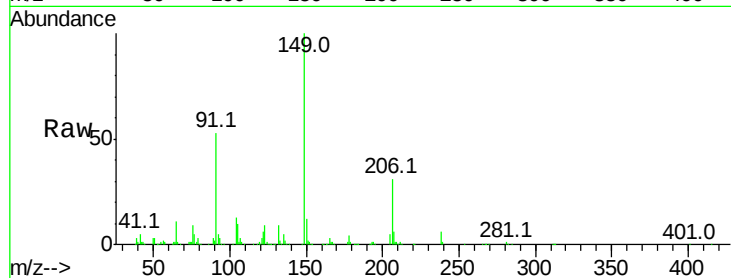




#79
Butylbenzylphthalate
Concen: 38.569 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

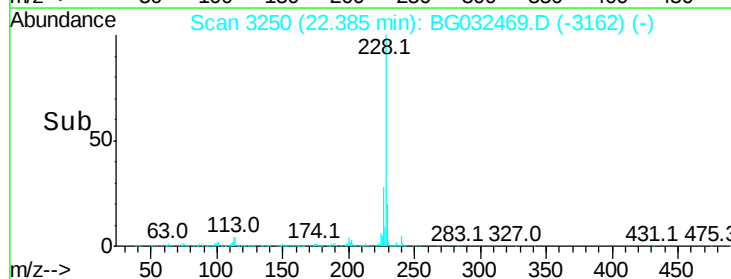
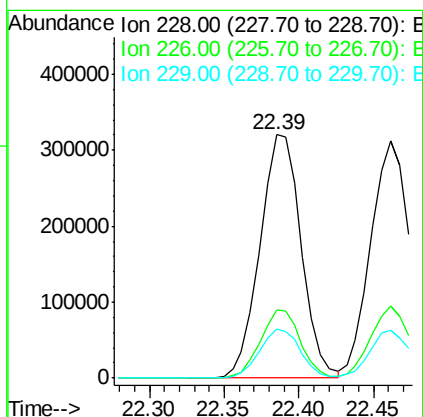
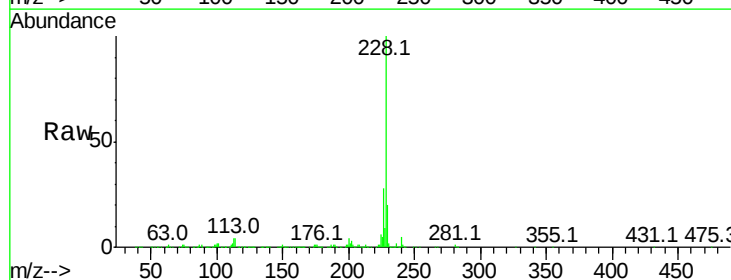
Instrument :
BNA_G
ClientSampled :

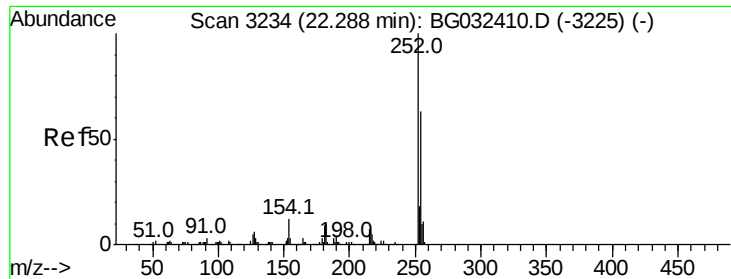
Tot Ion	Ratio	Lower	Upper
149	100		
91	53.0	62.2	93.2#
206	31.3	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 37.788 ng
RT: 22.39 min Scan# 3250
Delta R.T. -0.01 min
Lab File: BG032469.D
Acq: 31 Jan 2018 17:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.7	34.1
229	20.4	16.2	24.2

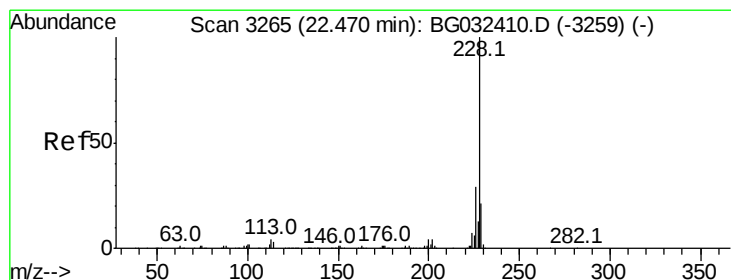
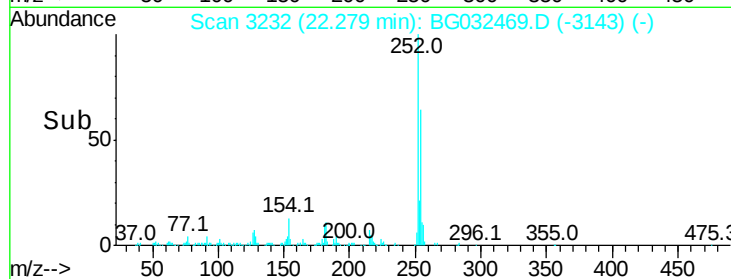
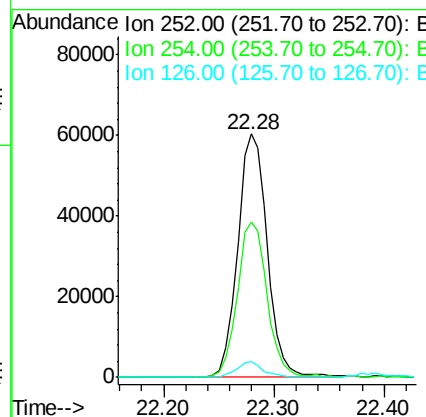
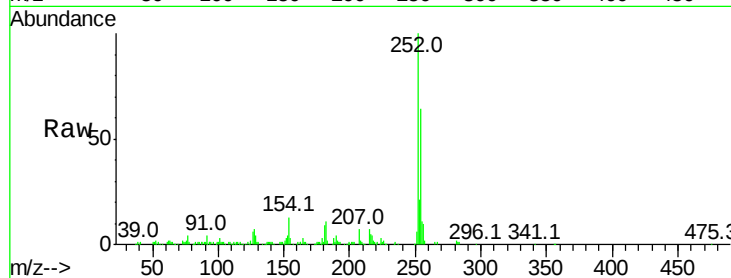




#81
 3,3'-Dichlorobenzidine
 Concen: 18.017 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

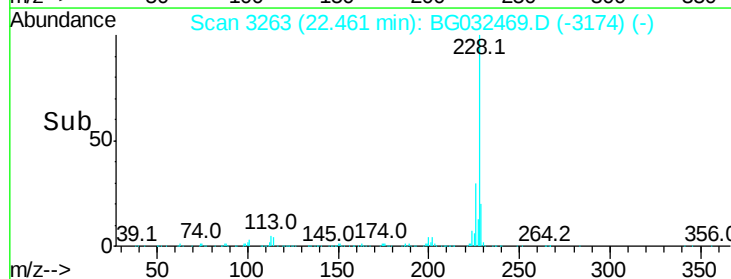
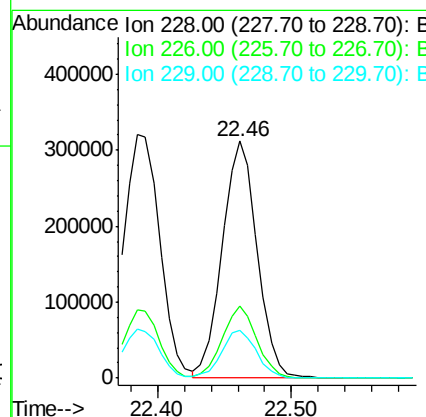
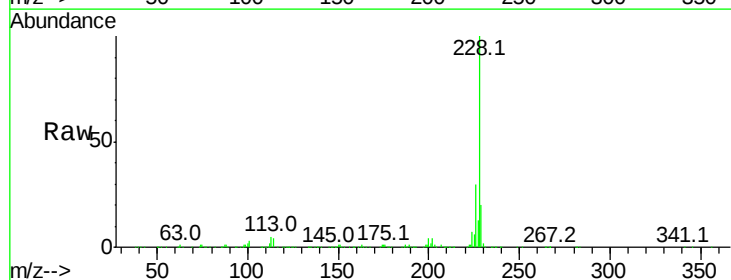
Instrument :
 BNA_G
 ClientSampleId :

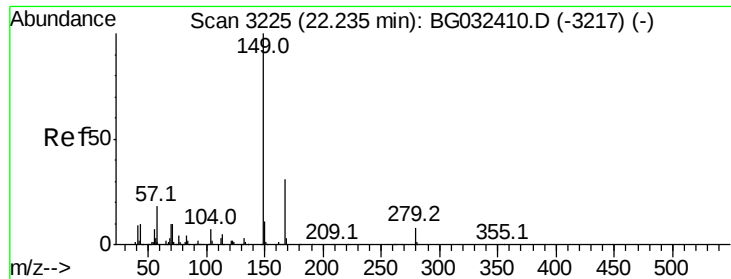
Tot Ion:252 Resp: 113214
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.8 76.2
 126 6.4 7.4 11.2#



#82
 Chrysene
 Concen: 36.259 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Tgt Ion:228 Resp: 567912
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.9 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.852 ng

RT: 22.23 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

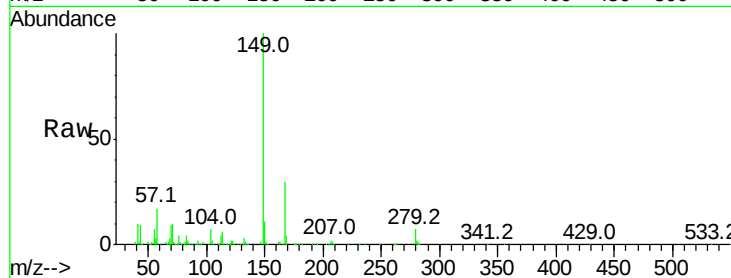
Instrument :

BNA_G

ClientSampled :

Tot Ion:149 Resp: 271634

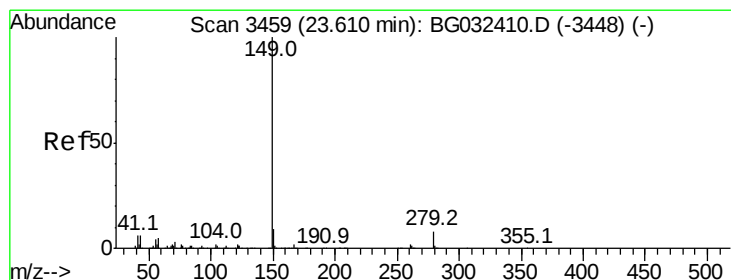
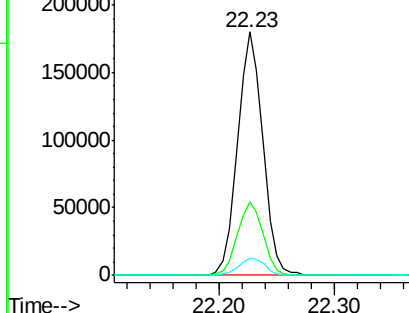
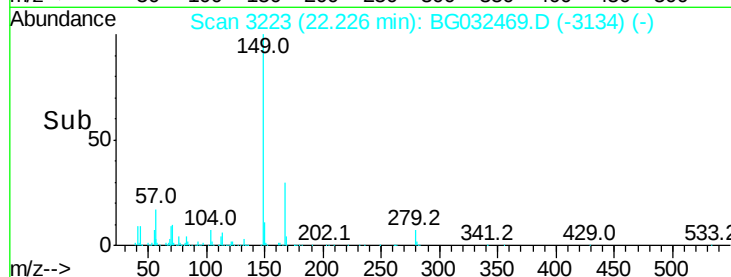
Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	7.0	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.625 ng

RT: 23.60 min Scan# 3456

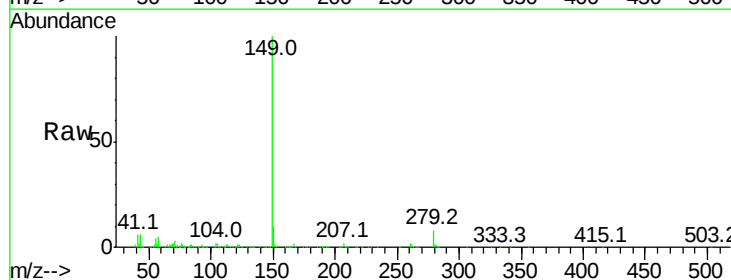
Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Tgt Ion:149 Resp: 473790

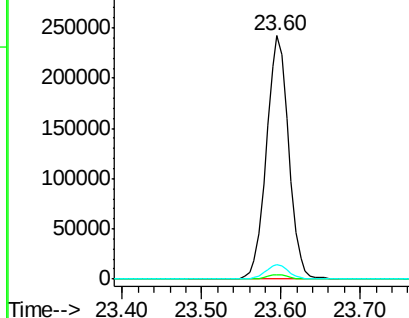
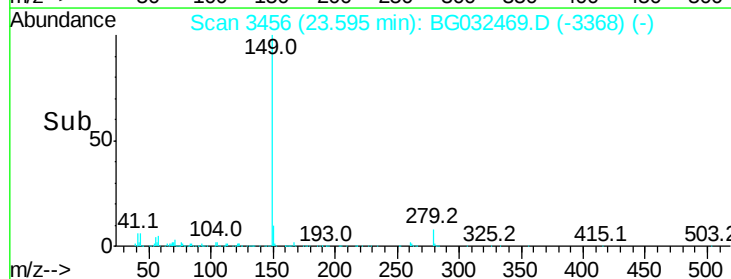
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.2	8.9	13.3

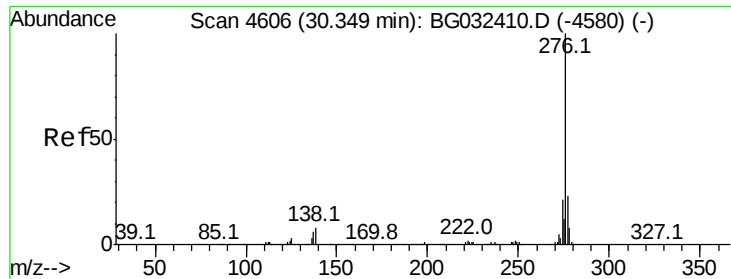


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.105 ng

RT: 30.35 min Scan# 4605

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

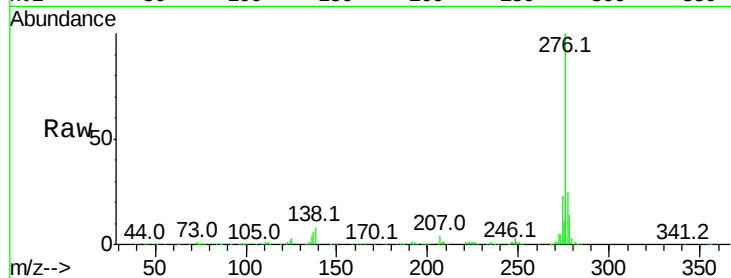
Tot Ion:276 Resp: 774810

Ion Ratio Lower Upper

276 100

138 6.6 16.0 24.0#

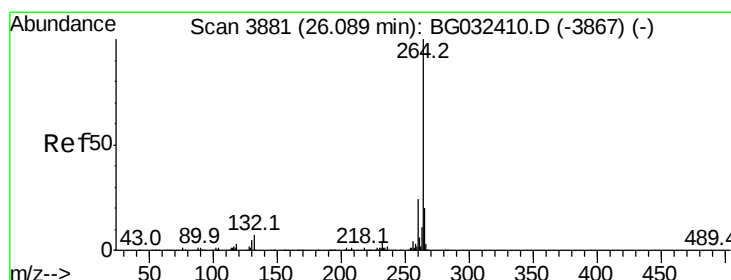
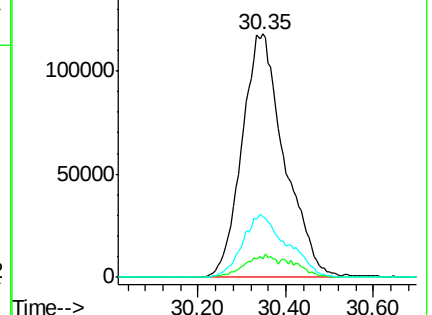
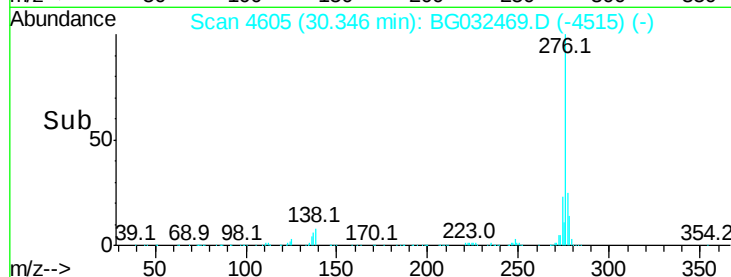
277 27.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.09 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

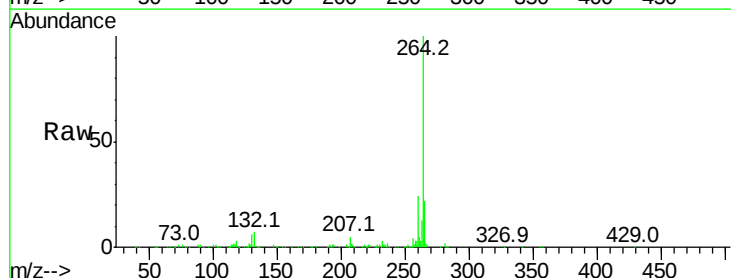
Tgt Ion:264 Resp: 288996

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

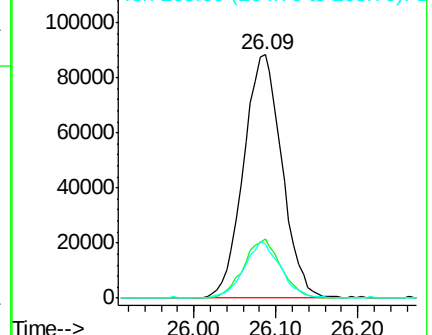
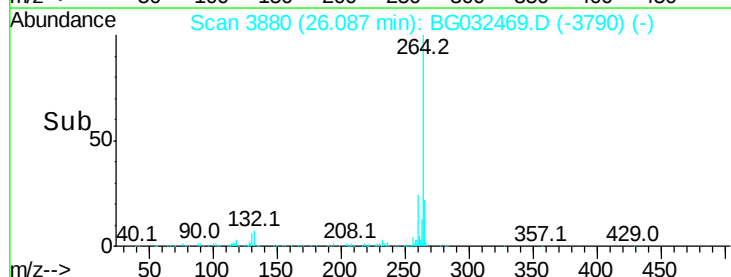
265 22.3 17.7 26.5

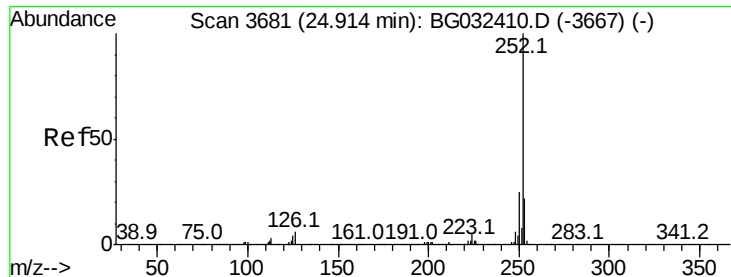


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.917 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampleId :

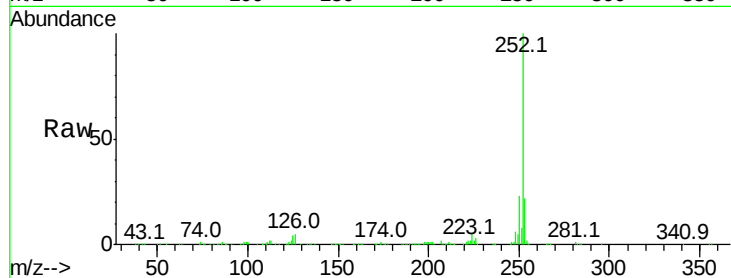
Tot Ion:252 Resp: 644639

Ion Ratio Lower Upper

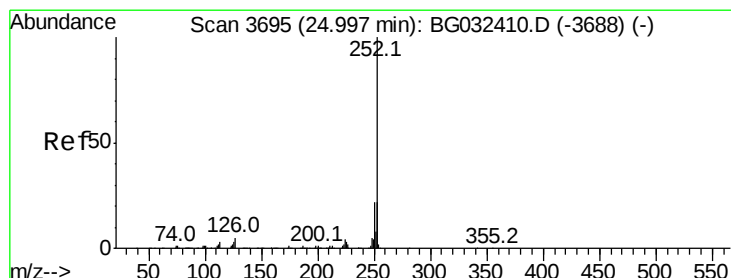
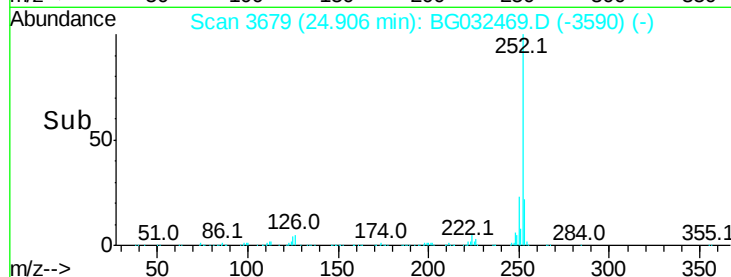
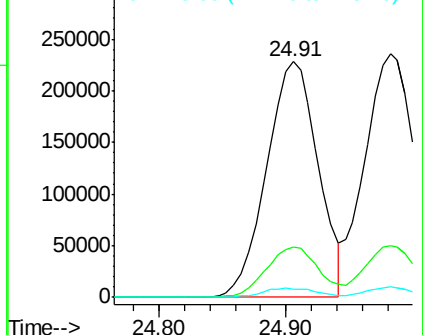
252 100

253 21.6 18.2 27.4

125 3.7 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: 37.796 ng

RT: 24.98 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

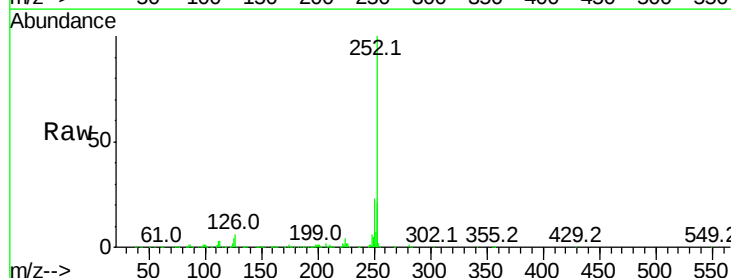
Tgt Ion:252 Resp: 653804

Ion Ratio Lower Upper

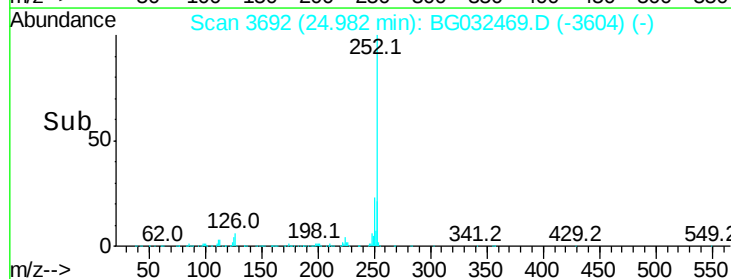
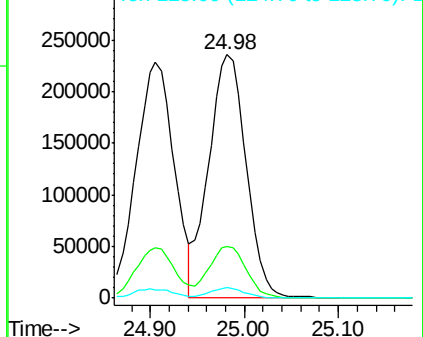
252 100

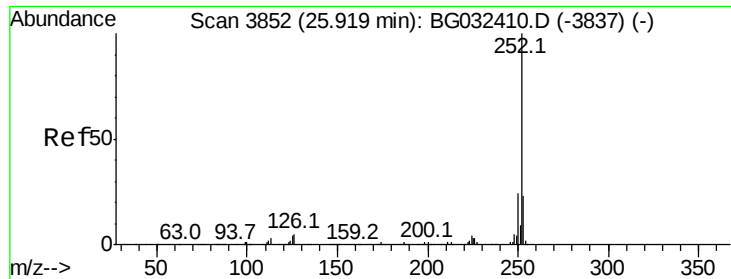
253 21.0 17.4 26.2

125 4.2 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: 38.331 ng

RT: 25.91 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

Instrument :

BNA_G

ClientSampled :

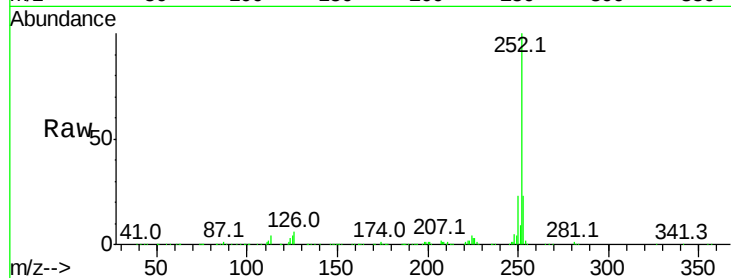
Tot Ion:252 Resp: 638107

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

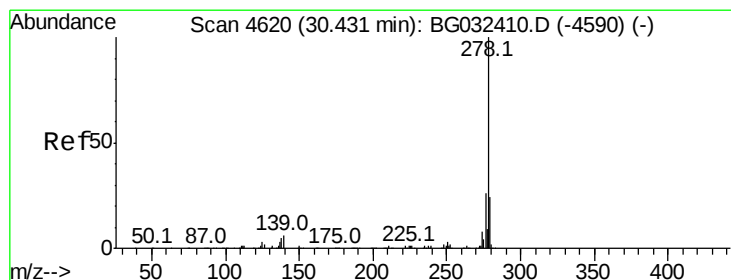
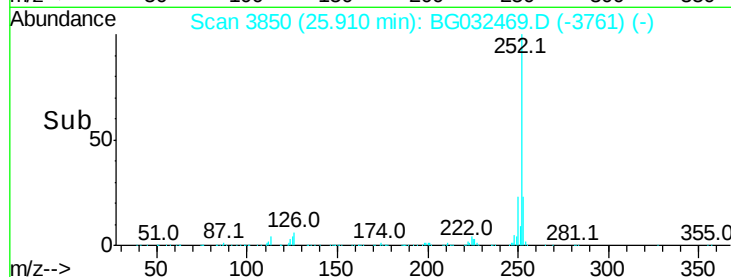
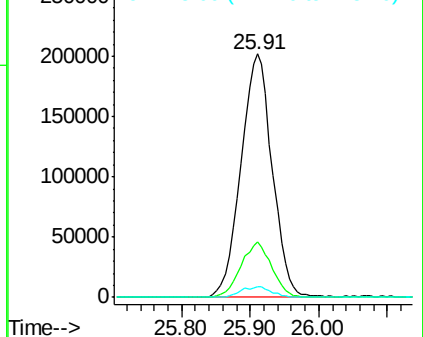
125 4.2 7.3 10.9#



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: 38.036 ng

RT: 30.42 min Scan# 4617

Delta R.T. -0.01 min

Lab File: BG032469.D

Acq: 31 Jan 2018 17:22

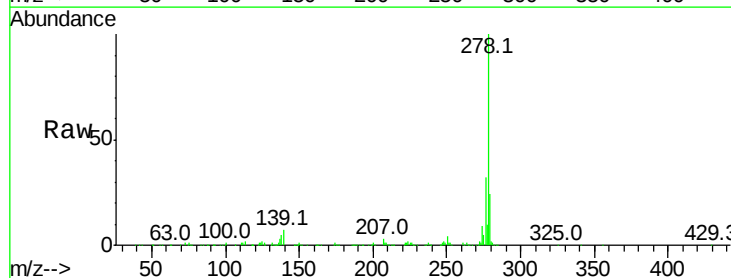
Tgt Ion:278 Resp: 647741

Ion Ratio Lower Upper

278 100

139 7.2 9.8 14.6#

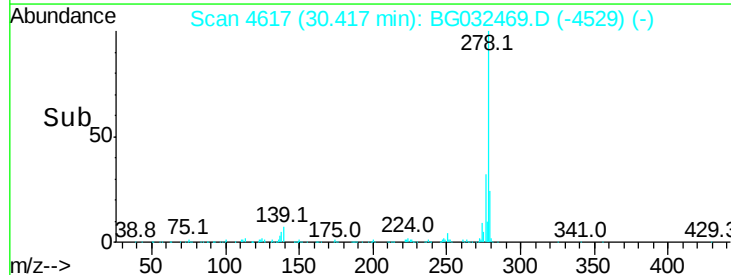
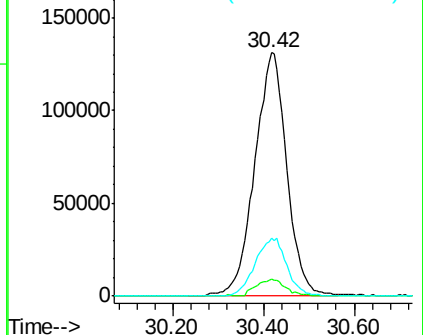
279 23.6 18.4 27.6

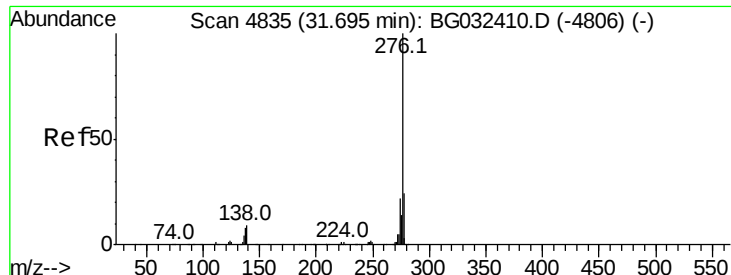


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

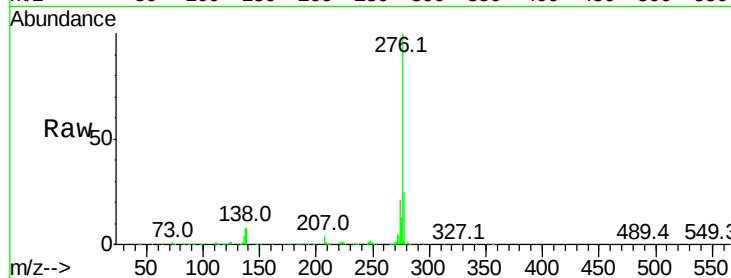




#91
 Benzo(a,h,i)perylene
 Concen: 38.081 ng
 RT: 31.69 min Scan# 4833
 Delta R.T. -0.01 min
 Lab File: BG032469.D
 Acq: 31 Jan 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	8.1	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

