

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032468.D
 Acq On : 31 Jan 2018 16:44
 Operator : SJ/JU
 Sample : PB106216BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

Quant Time: Feb 01 01:37:42 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	31474	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	126704	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	91701	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	228070	20.00	ng	0.00
75) Chrysene-d12	22.41	240	281911	20.00	ng	0.00
86) Perylene-d12	26.09	264	316405	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	135167	86.26	ng	0.00
7) Phenol-d6	7.84	99	171875	82.20	ng	0.00
23) Nitrobenzene-d5	9.91	82	153087	75.47	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	134661	77.15	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	566821	73.47	ng	-0.01
78) Terphenyl-d14	20.62	244	1021166	77.59	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.80	88	17846	33.849	ng	# 74
3) Pyridine	4.26	79	50481	35.460	ng	# 86
4) n-Nitrosodimethylamine	4.17	42	29332	39.581	ng	# 78
6) Aniline	8.01	93	42281	16.218	ng	96
8) 2-Chlorophenol	8.27	128	76053	41.059	ng	82
9) Benzaldehyde	7.81	77	23622	21.872	ng	# 81
10) Phenol	7.87	94	82676	41.635	ng	84
11) bis(2-Chloroethyl)ether	8.10	93	54100	35.756	ng	# 81
12) 1,3-Dichlorobenzene	8.60	146	94083	37.559	ng	96
13) 1,4-Dichlorobenzene	8.75	146	89688	35.722	ng	97
14) 1,2-Dichlorobenzene	9.08	146	89974	36.582	ng	98
15) Benzyl Alcohol	8.95	79	62006	35.980	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	50790	35.425	ng	73
17) 2-Methylphenol	9.16	107	61840	38.344	ng	93
18) Hexachloroethane	9.83	117	31702	37.608	ng	# 81
19) n-Nitroso-di-n-propylamine	9.52	70	47126	33.991	ng	# 93
20) 3+4-Methylphenols	9.50	107	82444	36.443	ng	94
22) Acetophenone	9.56	105	100509	33.840	ng	# 92
24) Nitrobenzene	9.95	77	72569	36.996	ng	93
25) Isophorone	10.48	82	129078	37.370	ng	# 83
26) 2-Nitrophenol	10.68	139	46064	38.848	ng	# 81
27) 2,4-Dimethylphenol	10.72	122	74413	43.722	ng	96
28) bis(2-Chloroethoxy)methane	10.96	93	74357	39.257	ng	# 88
29) 2,4-Dichlorophenol	11.23	162	95163	42.208	ng	92
30) 1,2,4-Trichlorobenzene	11.45	180	108289	36.037	ng	96
31) Naphthalene	11.65	128	228114	36.862	ng	99
32) Benzoic acid	10.88	122	57966	46.012	ng	# 83
33) 4-Chloroaniline	11.75	127	34728	12.582	ng	94
34) Hexachlorobutadiene	11.91	225	81957	35.055	ng	99
35) Caprolactam	12.50	113	25408	39.256	ng	# 39
36) 4-Chloro-3-methylphenol	12.83	107	86909	40.638	ng	88
37) 2-Methylnaphthalene	13.21	142	193966	37.309	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	150016	34.968	ng	97
40) Hexachlorocyclopentadiene	13.54	237	212561	79.300	ng	95

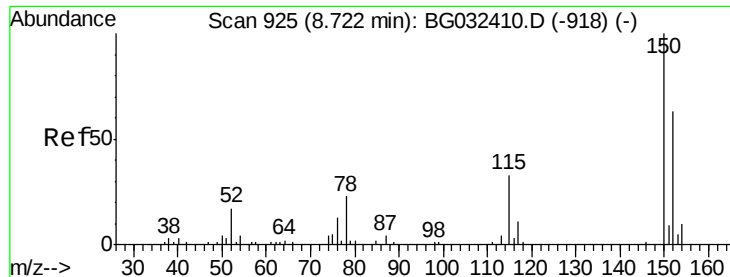
Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	93662	40.138	nq	97
43) 2,4,5-Trichlorophenol	13.87	196	103342	37.990	nq	# 92
45) 1,1'-Biphenyl	14.18	154	275451	35.554	nq	95
46) 2-Chloronaphthalene	14.24	162	215396	35.472	nq	98
47) 2-Nitroaniline	14.43	65	48072	35.799	nq	# 76
48) Acenaphthylene	15.08	152	325674	35.477	nq	99
49) Dimethylphthalate	14.78	163	290417	34.348	nq	98
50) 2,6-Dinitrotoluene	14.91	165	64577	36.388	nq	# 73
51) Acenaphthene	15.41	154	254208	39.930	nq	97
52) 3-Nitroaniline	15.25	138	28944	18.672	nq	# 79
53) 2,4-Dinitrophenol	15.44	184	77590	70.553	nq	# 62
54) Dibenzofuran	15.74	168	338313	35.903	nq	96
55) 4-Nitrophenol	15.54	139	89014	76.705	nq	# 78
56) 2,4-Dinitrotoluene	15.69	165	89585	35.454	nq	# 70
57) Fluorene	16.39	166	277900	35.491	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.96	232	108026	40.264	nq	# 84
59) Diethylphthalate	16.12	149	285499	34.669	nq	98
60) 4-Chlorophenyl-phenylether	16.36	204	177265	35.901	nq	94
61) 4-Nitroaniline	16.40	138	49893	30.030	nq	# 75
62) Azobenzene	16.66	77	179061	36.385	nq	85
64) 4,6-Dinitro-2-methylphenol	16.45	198	57368	33.670	nq	72
65) n-Nitrosodiphenylamine	16.58	169	257614	37.849	nq	97
66) 4-Bromophenyl-phenylether	17.26	248	130775	38.704	nq	95
67) Hexachlorobenzene	17.39	284	137563	36.790	nq	# 88
68) Atrazine	17.50	200	117257	40.131	nq	97
69) Pentachlorophenol	17.72	266	167441	71.483	nq	97
70) Phenanthrene	18.13	178	475158	37.359	nq	99
71) Anthracene	18.21	178	488467	38.571	nq	98
72) Carbazole	18.48	167	405011	36.196	nq	99
73) Di-n-butylphthalate	18.98	149	470393	37.970	nq	99
74) Fluoranthene	20.09	202	624476	37.439	nq	93
76) Benzidine	20.25	184	185552	33.520	nq	97
77) Pyrene	20.45	202	626088	36.209	nq	99
79) Butylbenzylphthalate	21.30	149	214367	39.305	nq	# 76
80) Benzo(a)anthracene	22.39	228	674514	38.594	nq	98
81) 3,3'-Dichlorobenzidine	22.29	252	118339	17.477	nq	# 96
82) Chrysene	22.47	228	630768	37.372	nq	98
83) Bis(2-ethylhexyl)phthalate	22.23	149	303996	39.311	nq	# 99
84) Di-n-octyl phthalate	23.60	149	526599	42.933	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.35	276	859167	40.239	nq	# 86
87) Benzo(b)fluoranthene	24.91	252	722224	37.777	nq	# 94
88) Benzo(k)fluoranthene	24.98	252	699558	36.938	nq	# 96
89) Benzo(a)pyrene	25.92	252	701374	38.482	nq	# 96
90) Dibenzo(a,h)anthracene	30.42	278	712263	38.202	nq	# 94
91) Benzo(g,h,i)perylene	31.69	276	714340	38.599	nq	# 91

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

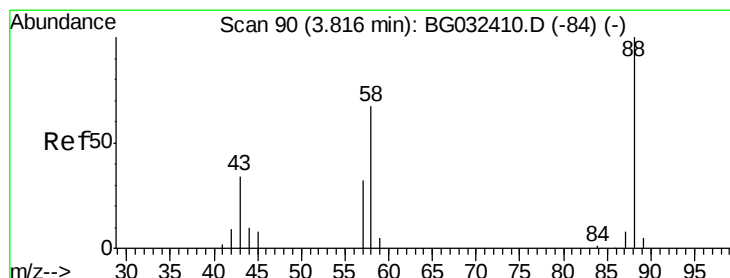
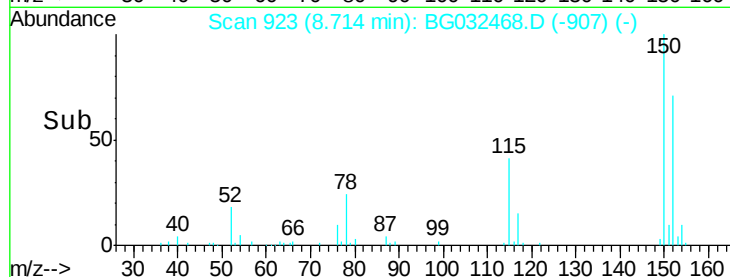
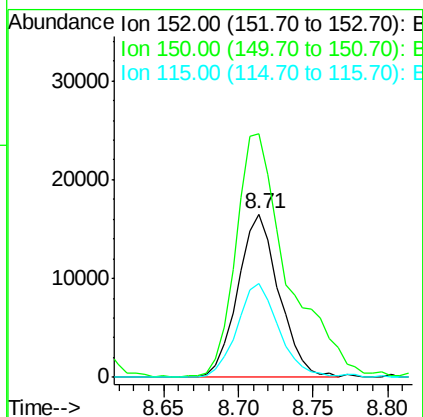
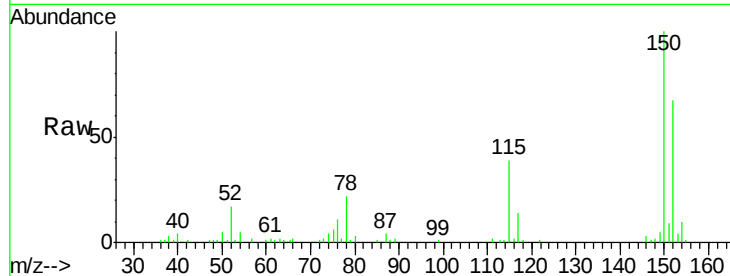


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

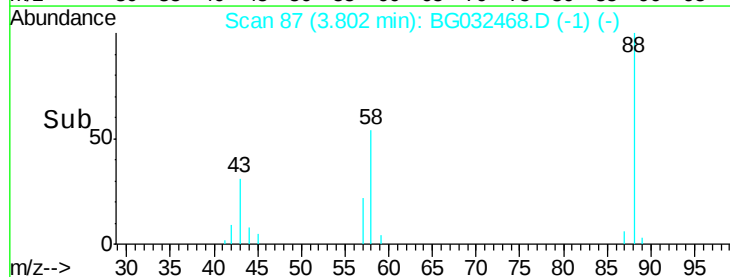
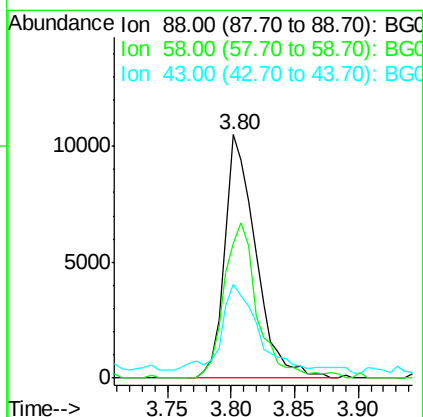
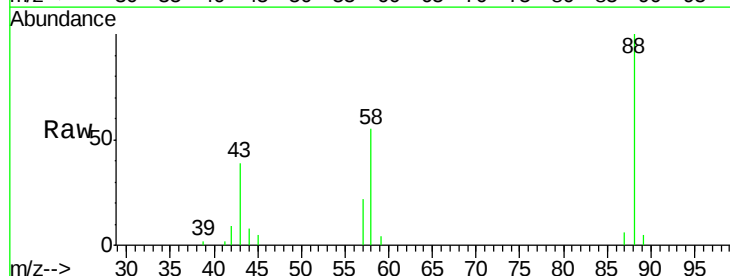
Tot Ion:152 Resp: 31474
 Ion Ratio Lower Upper
 152 100
 150 148.9 126.6 189.8
 115 57.5 53.0 79.4

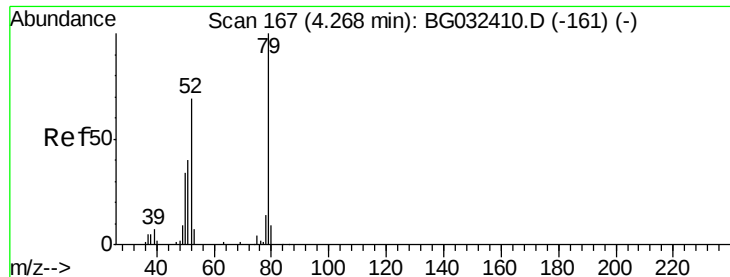


#2

1,4-Dioxane
 Concen: 33.849 ng
 RT: 3.80 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion: 88 Resp: 17846
 Ion Ratio Lower Upper
 88 100
 58 68.5 79.6 119.4#
 43 40.8 27.4 41.0





#3

Pvridine

Concen: 35.460 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

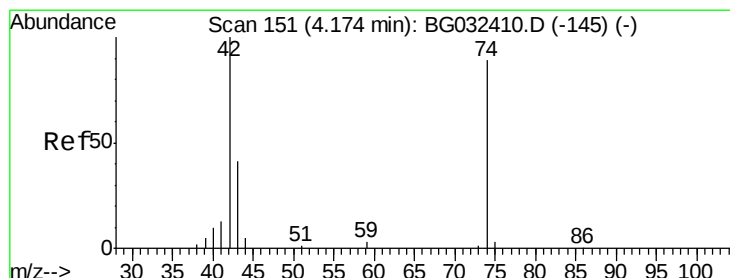
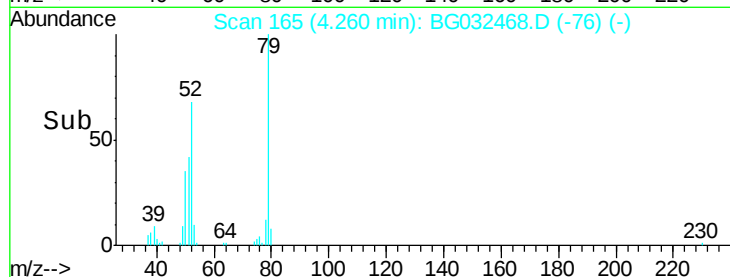
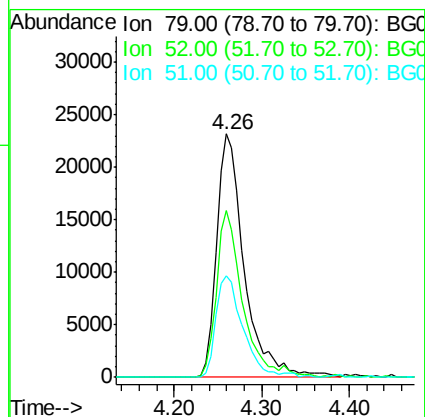
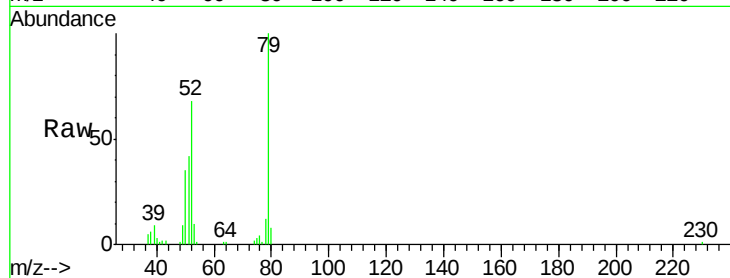
Tot Ion: 79 Resp: 50481

Ion Ratio Lower Upper

79 100

52 68.3 69.9 104.9#

51 41.9 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 39.581 ng

RT: 4.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

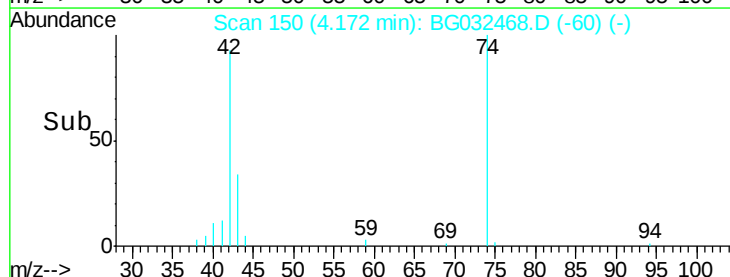
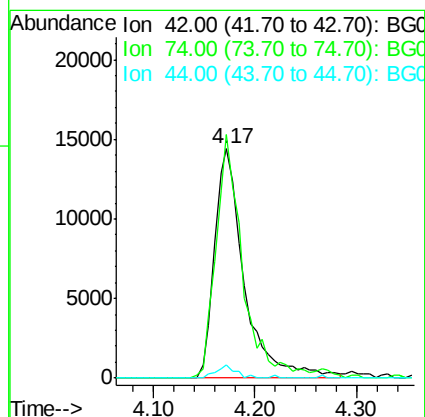
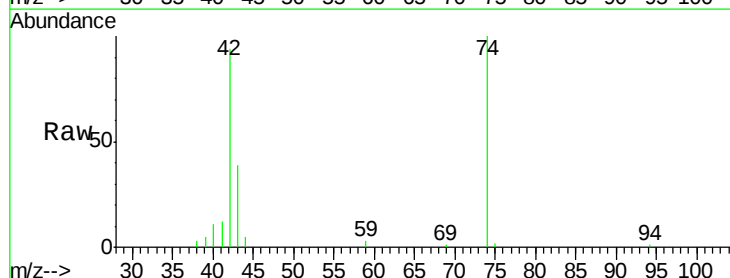
Tgt Ion: 42 Resp: 29332

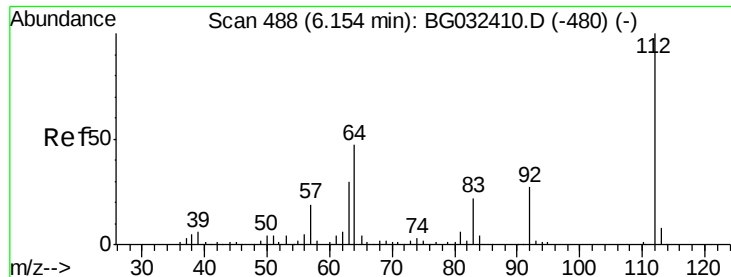
Ion Ratio Lower Upper

42 100

74 106.1 102.5 153.7

44 5.5 18.9 28.3#





#5

2-Fluorophenol

Concen: 86.259 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

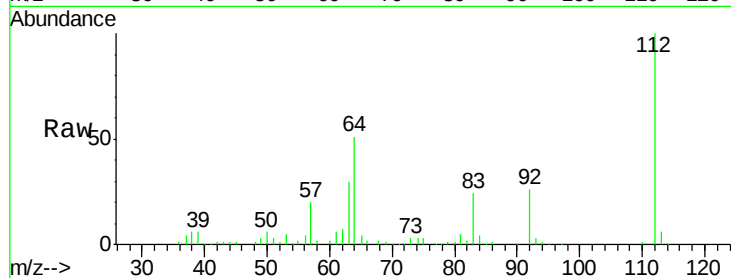
Tot Ion: 112 Resp: 135167

Ion Ratio Lower Upper

112 100

64 50.9 56.3 84.5#

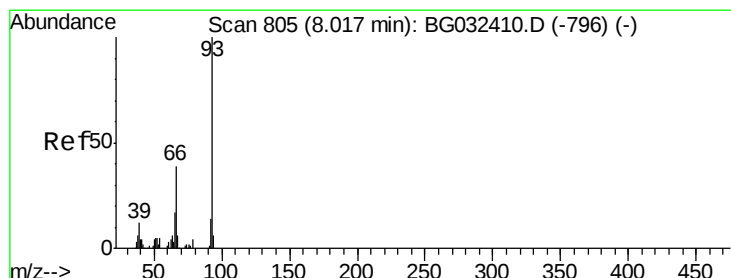
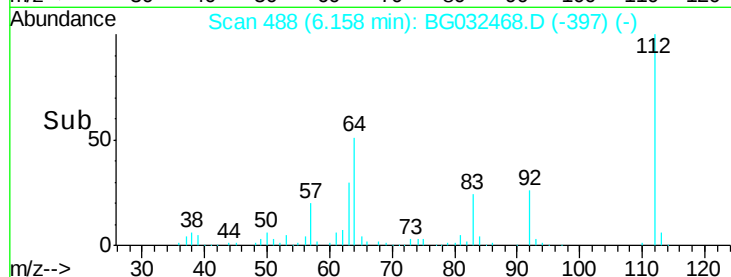
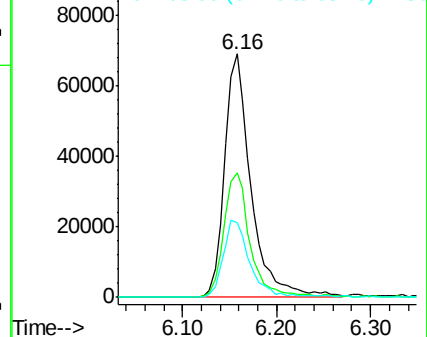
63 30.5 30.1 45.1



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: 16.218 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

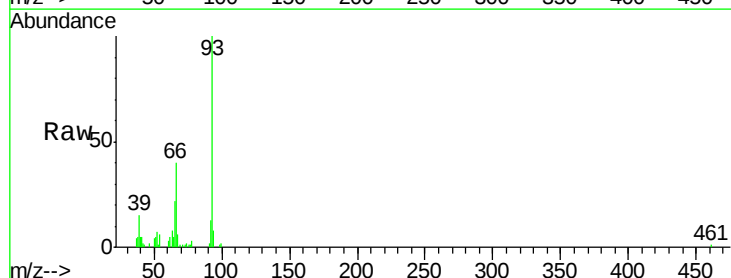
Tgt Ion: 93 Resp: 42281

Ion Ratio Lower Upper

93 100

66 39.5 33.7 50.5

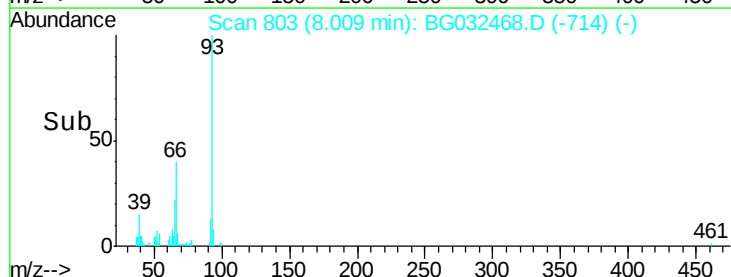
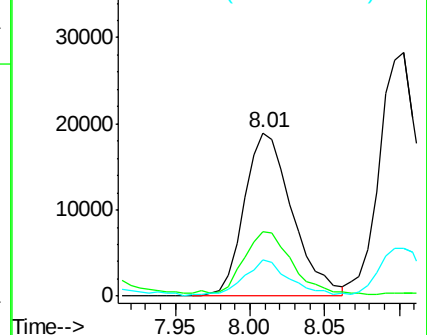
65 21.9 16.1 24.1

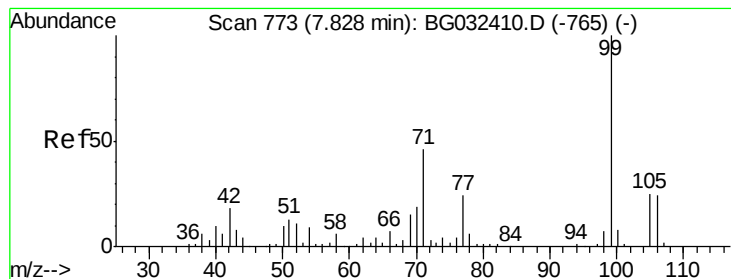


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.197 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampled :

PB106216BS

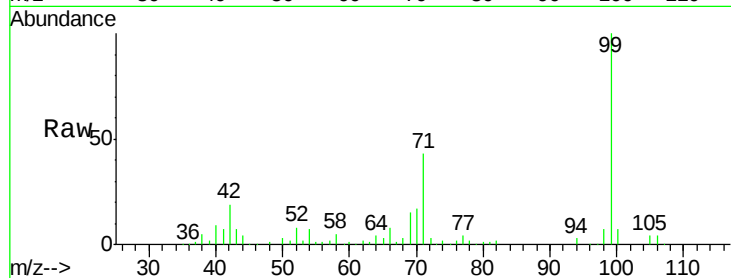
Tot Ion: 99 Resp: 171875

Ion Ratio Lower Upper

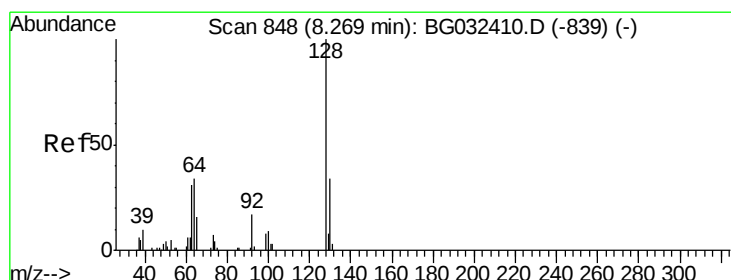
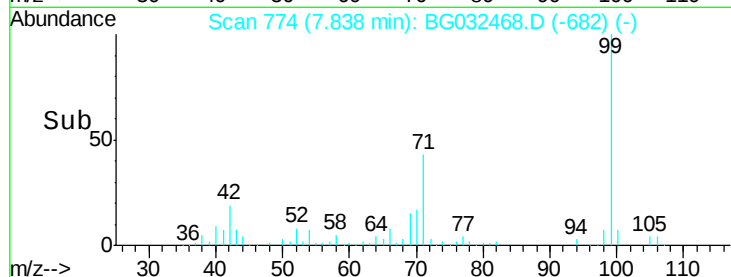
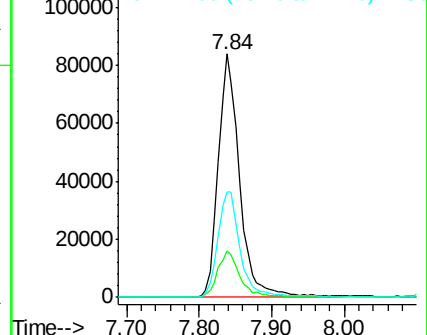
99 100

42 18.9 14.1 21.1

71 43.2 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: 41.059 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

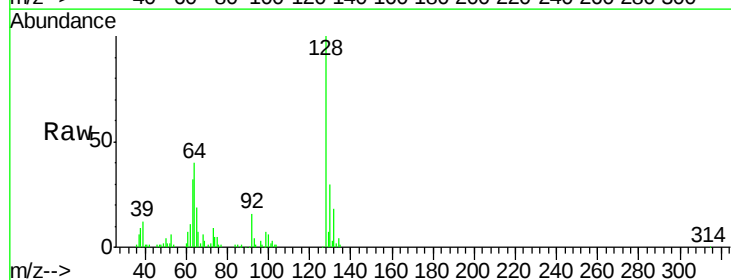
Tgt Ion: 128 Resp: 76053

Ion Ratio Lower Upper

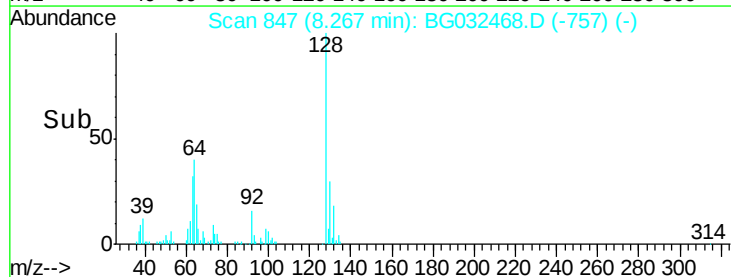
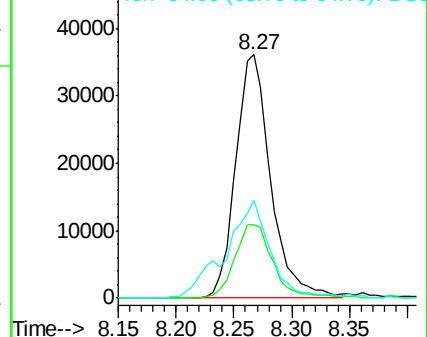
128 100

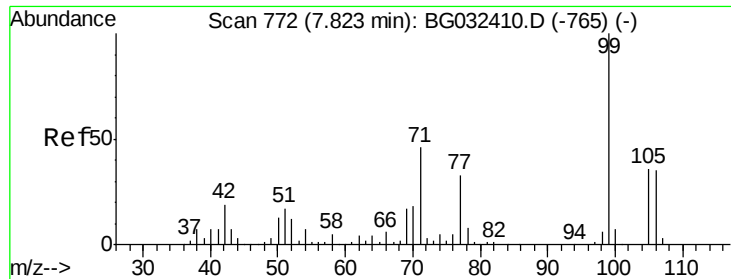
130 29.9 14.0 54.0

64 40.0 37.7 77.7



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





#9

Benzaldehyde

Concen: 21.872 ng

RT: 7.81 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

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PB106216BS

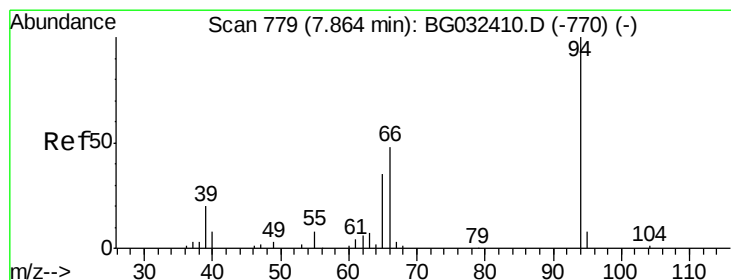
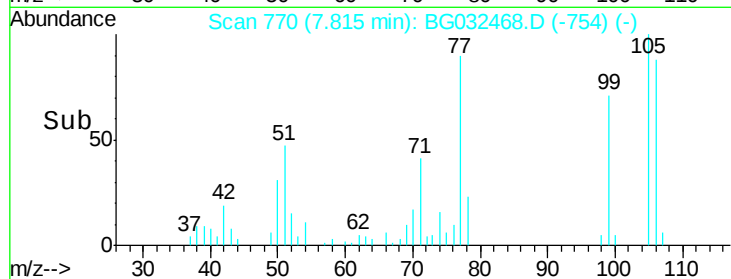
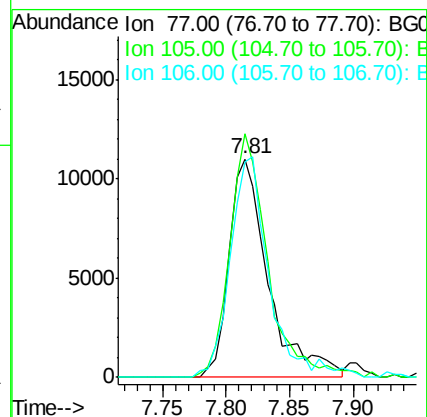
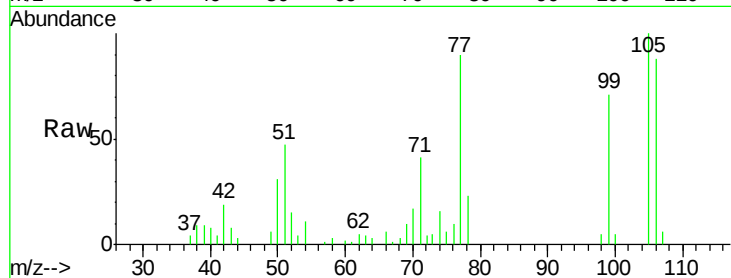
Tot Ion: 77 Resp: 23622

Ion Ratio Lower Upper

77 100

105 111.6 71.3 111.3#

106 98.7 64.2 104.2



#10

Phenol

Concen: 41.635 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

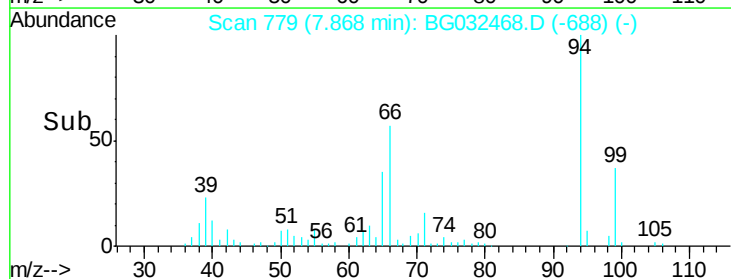
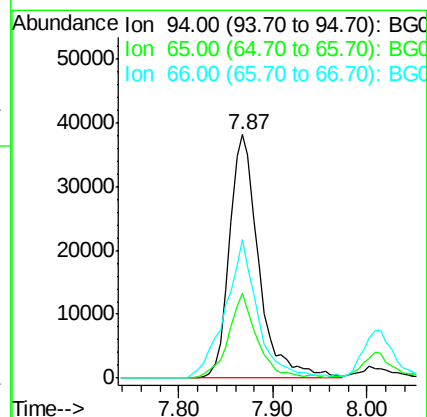
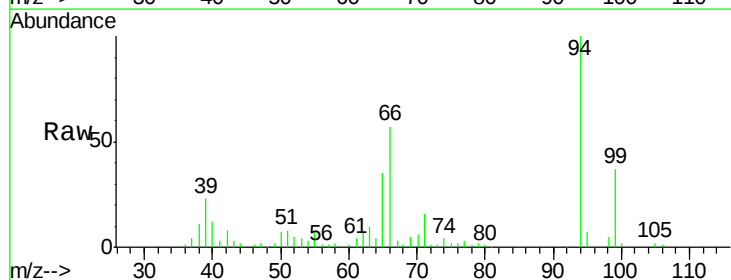
Tgt Ion: 94 Resp: 82676

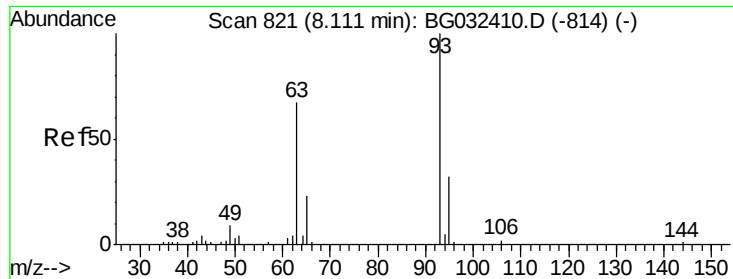
Ion Ratio Lower Upper

94 100

65 35.1 11.9 51.9

66 56.8 22.2 62.2



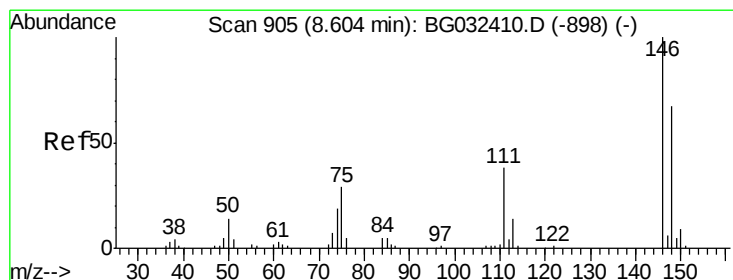
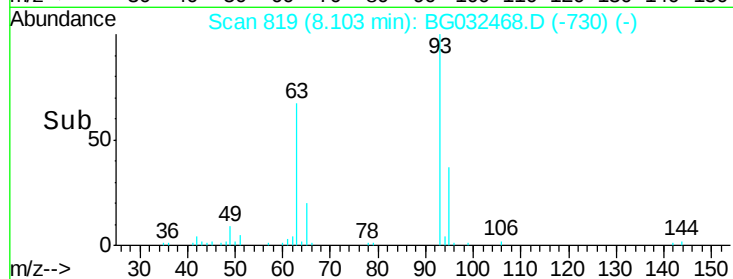
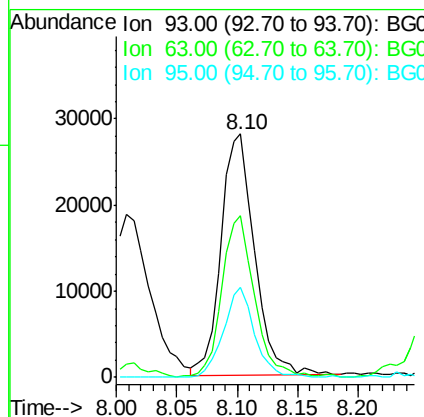
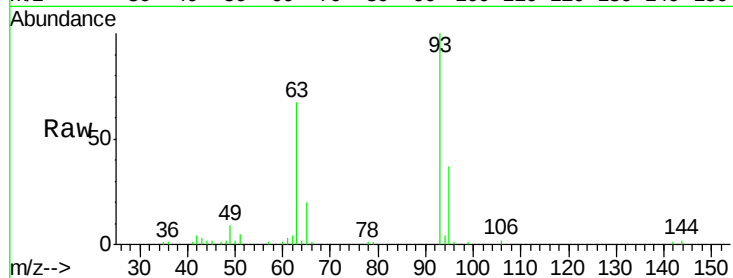


#11
bis(2-Chloroethyl)ether
Concen: 35.756 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PB106216BS

Tot Ion: 93 Resp: 54100

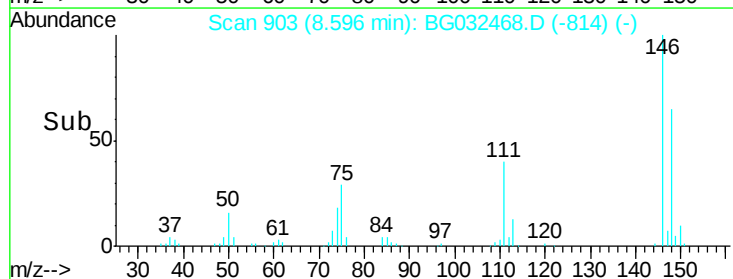
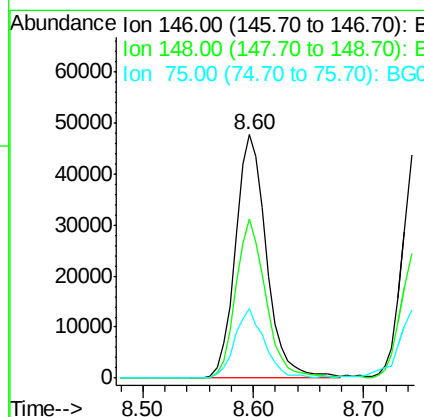
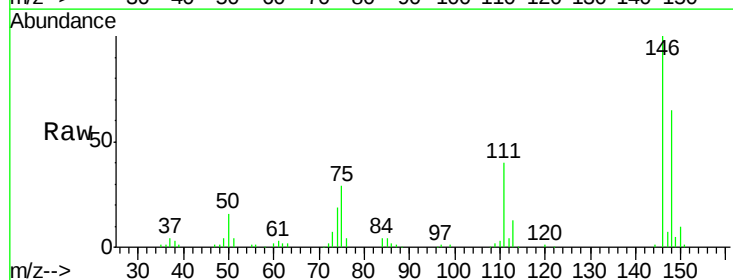
Ion	Ratio	Lower	Upper
93	100		
63	66.6	67.1	107.1#
95	37.2	11.5	51.5

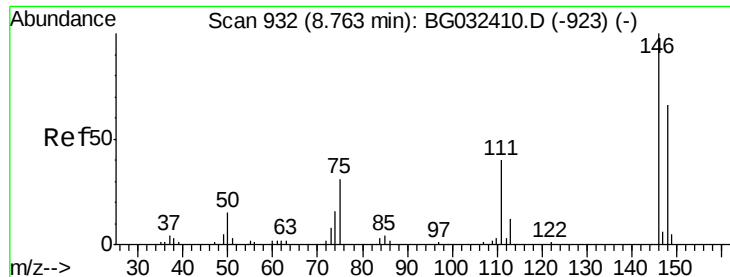


#12
1,3-Dichlorobenzene
Concen: 37.559 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion: 146 Resp: 94083

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	28.6	26.6	39.8

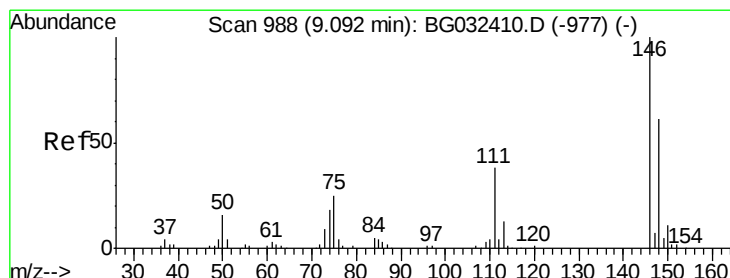
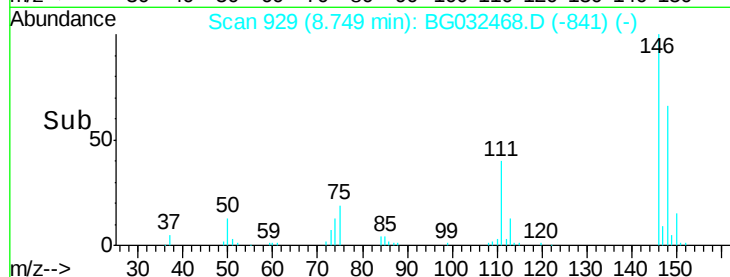
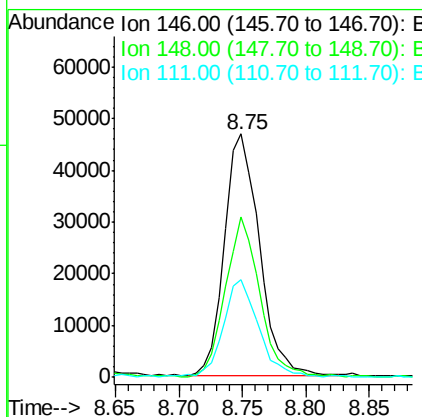
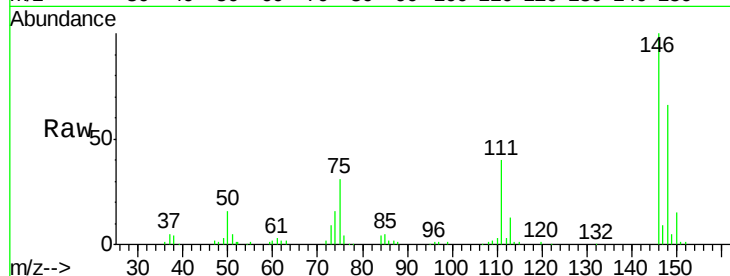




#13
 1,4-Dichlorobenzene
 Concen: 35.722 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

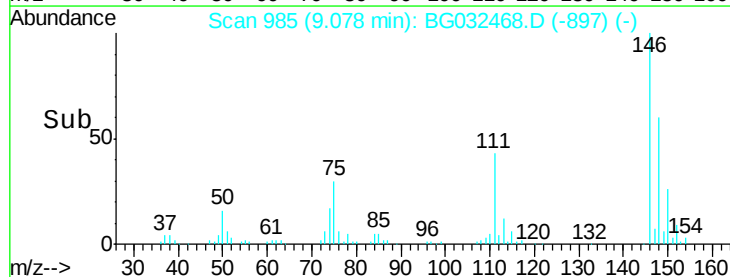
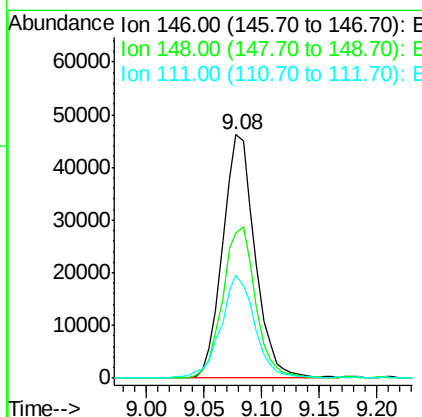
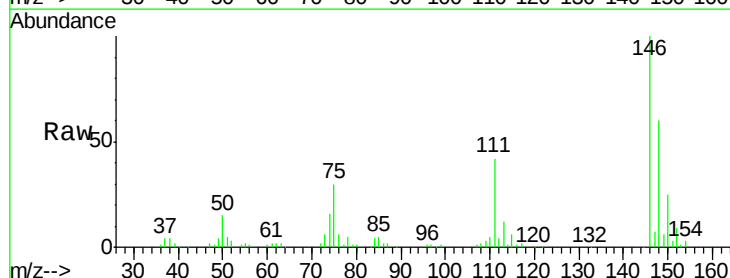
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

Tot Ion:146 Resp: 89688
 Ion Ratio Lower Upper
 146 100
 148 65.9 53.7 80.5
 111 39.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 36.582 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion:146 Resp: 89974
 Ion Ratio Lower Upper
 146 100
 148 59.8 49.3 73.9
 111 42.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 35.980 ng

RT: 8.95 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

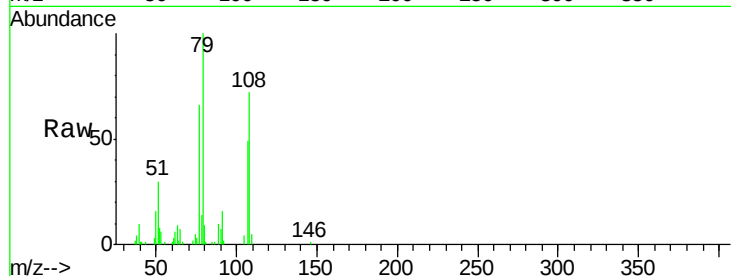
Tot Ion: 79 Resp: 62006

Ion Ratio Lower Upper

79 100

108 72.4 57.2 85.8

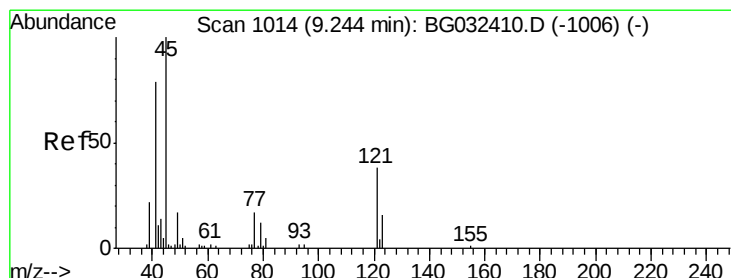
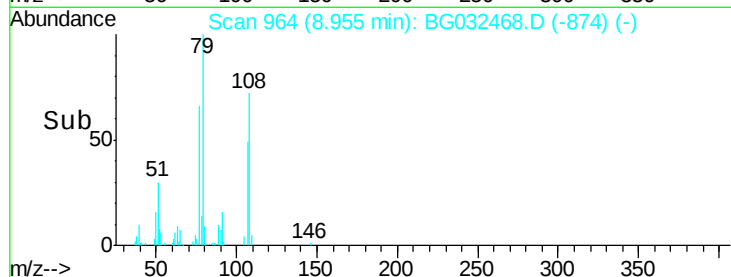
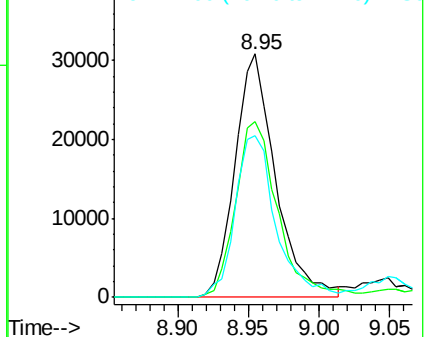
77 66.3 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.425 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

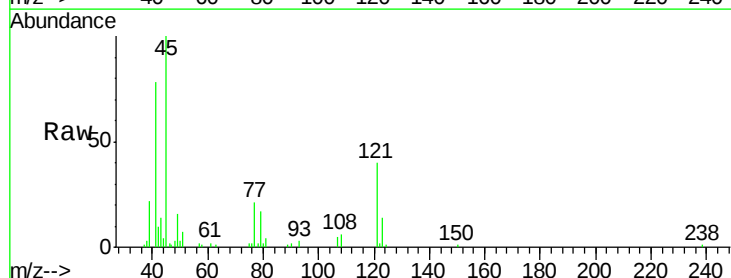
Tgt Ion: 45 Resp: 50790

Ion Ratio Lower Upper

45 100

77 20.7 0.0 30.2

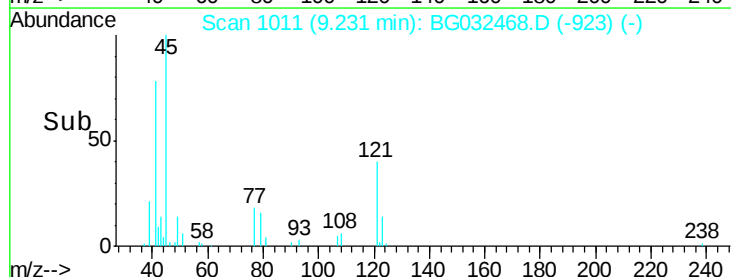
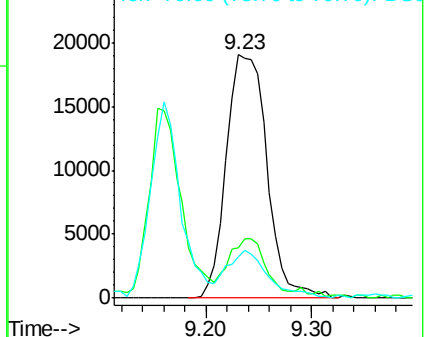
79 17.0 0.0 27.9

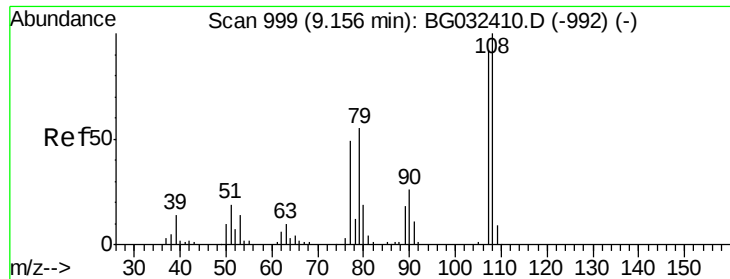


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

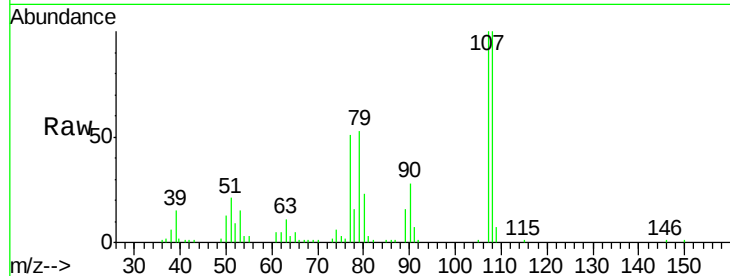




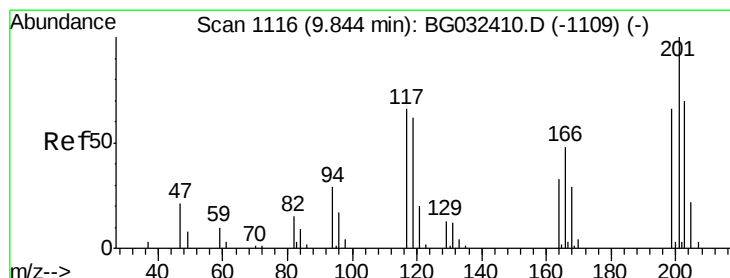
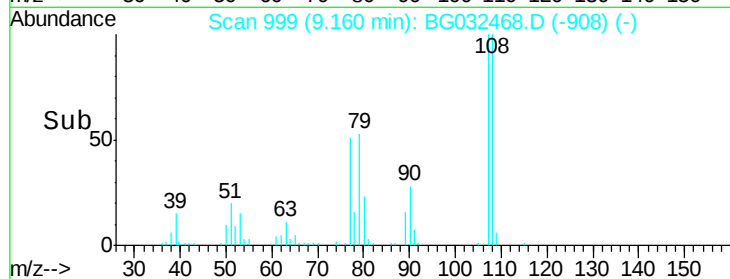
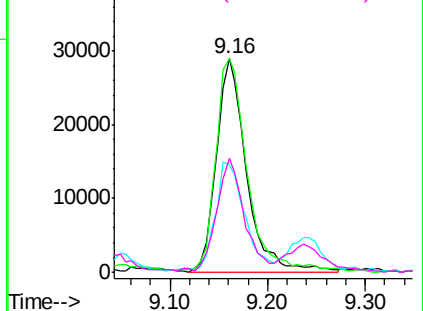
#17
2-Methylphenol
Concen: 38.344 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PB106216BS

Tot Ion:107 Resp: 61840
Ion Ratio Lower Upper
107 100
108 100.2 83.9 125.9
77 50.7 37.2 55.8
79 53.2 36.2 54.2

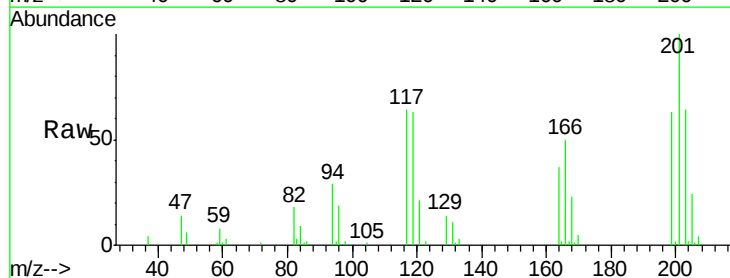


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

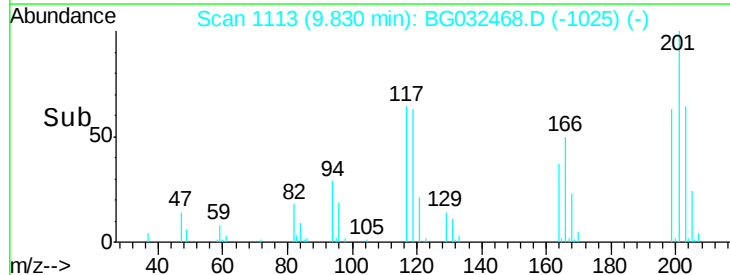
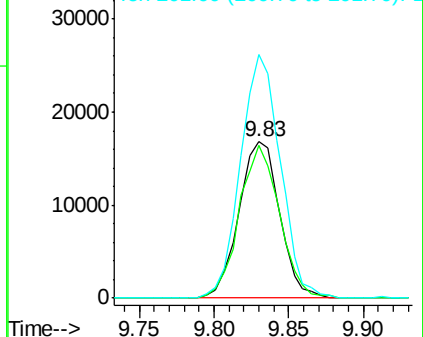


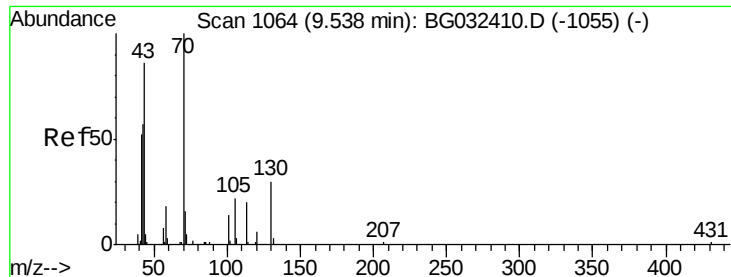
#18
Hexachloroethane
Concen: 37.608 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:117 Resp: 31702
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
201 155.8 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

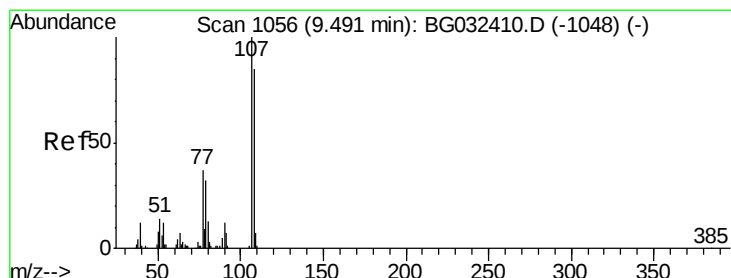
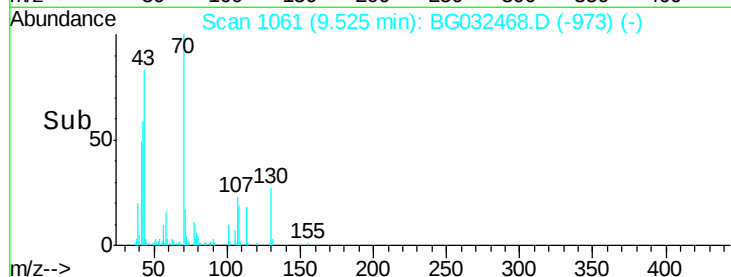
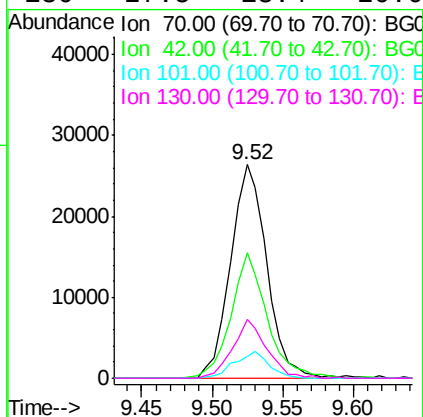
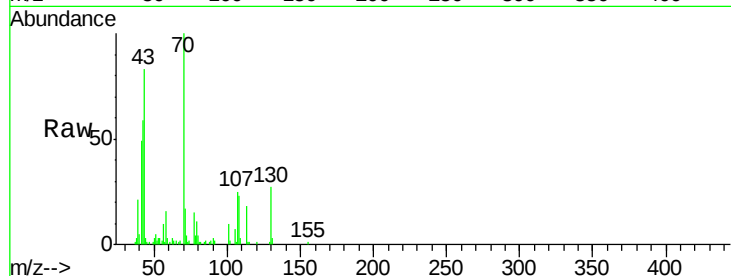




#19
n-Nitroso-di-n-propylamine
Concen: 33.991 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

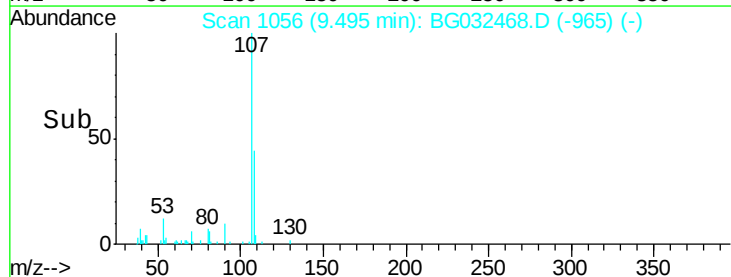
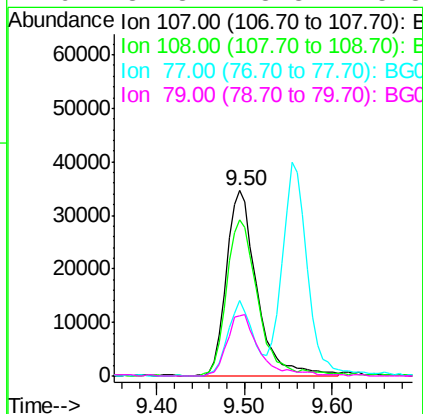
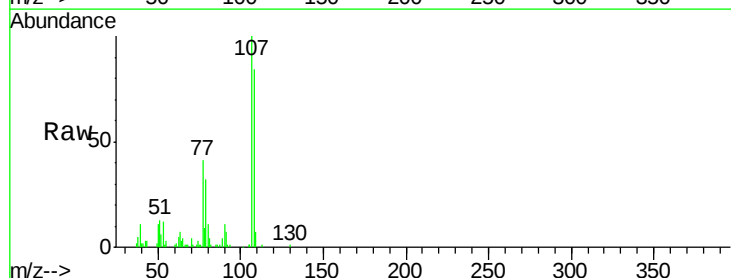
Instrument :
BNA_G
ClientSampleId :
PB106216BS

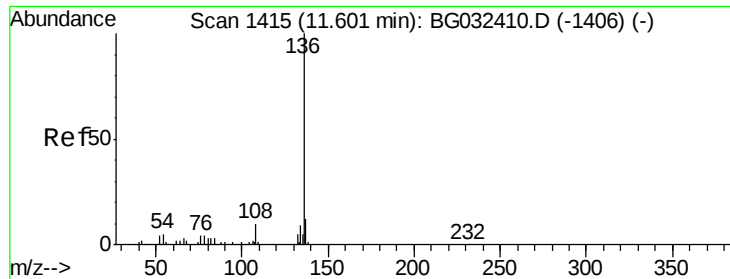
Tot Ion: 70 Resp: 47126
Ion Ratio Lower Upper
70 100
42 58.7 49.1 73.7
101 10.3 8.5 12.7
130 27.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.443 ng
RT: 9.50 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion: 107 Resp: 82444
Ion Ratio Lower Upper
107 100
108 84.1 61.6 101.6
77 41.0 13.9 53.9
79 32.3 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: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

Tot Ion:136 Resp: 126704

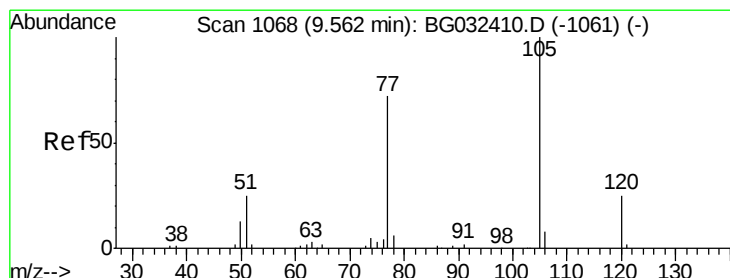
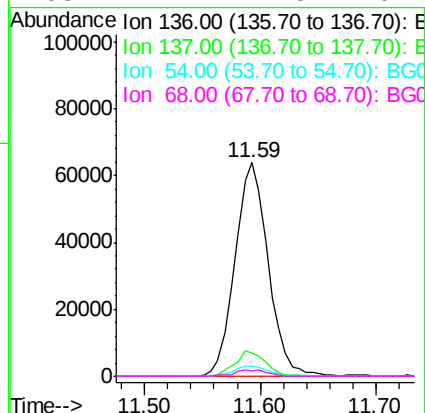
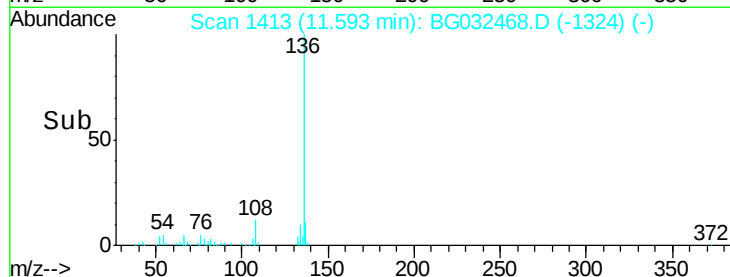
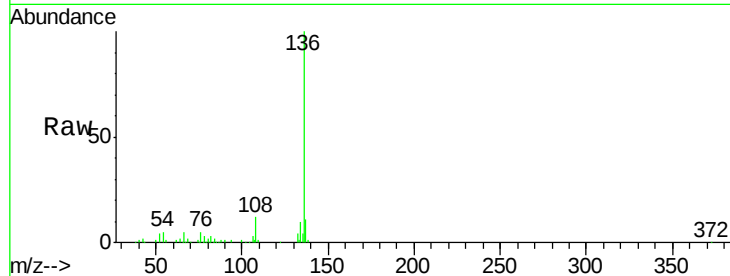
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 4.9 10.3 15.5#

68 2.2 4.5 6.7#



#22

Acetophenone

Concen: 33.840 ng

RT: 9.56 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Tgt Ion:105 Resp: 100509

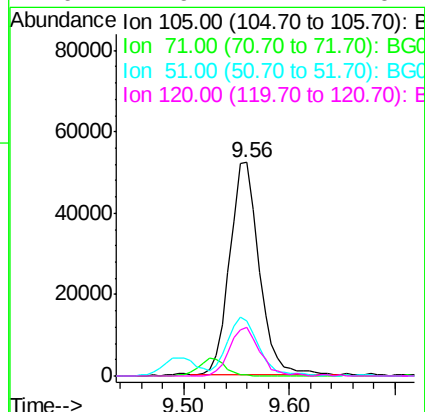
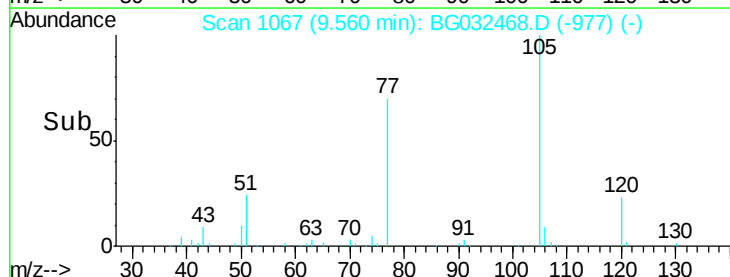
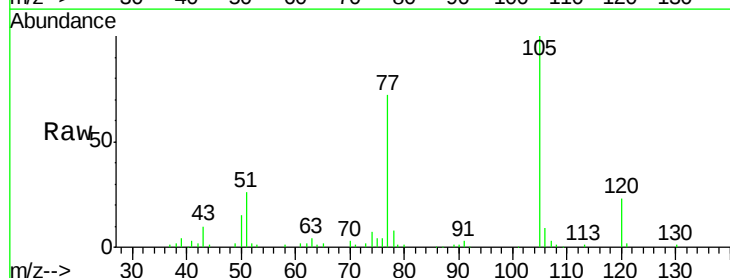
Ion Ratio Lower Upper

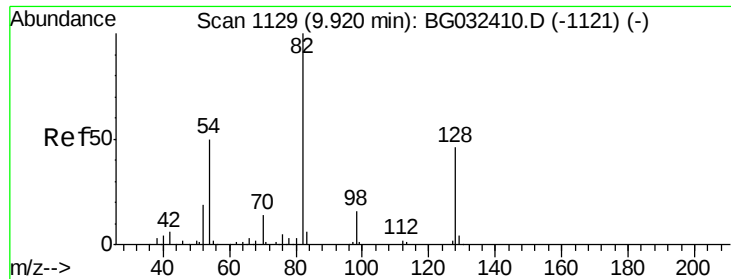
105 100

71 0.6 3.0 4.4#

51 25.9 26.1 39.1#

120 22.9 17.4 26.2

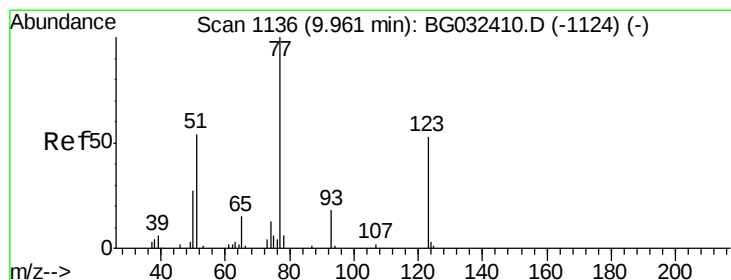
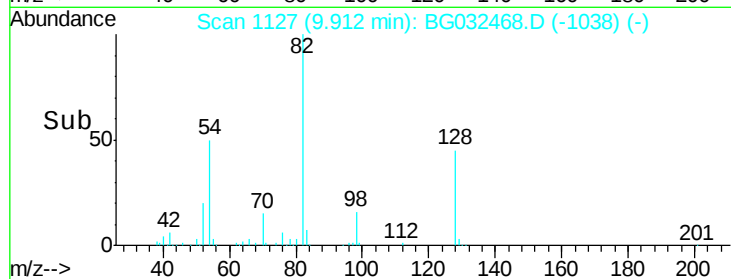
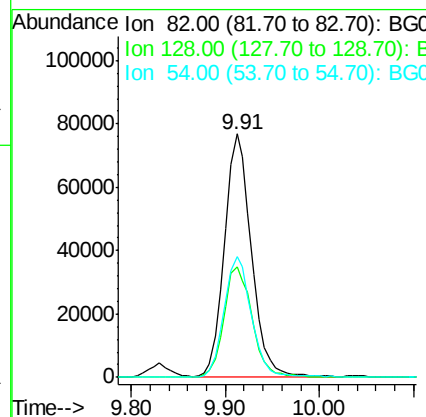
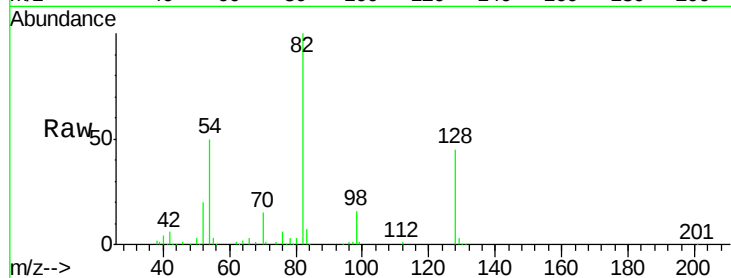




#23
 Nitrobenzene-d5
 Concen: 75.466 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

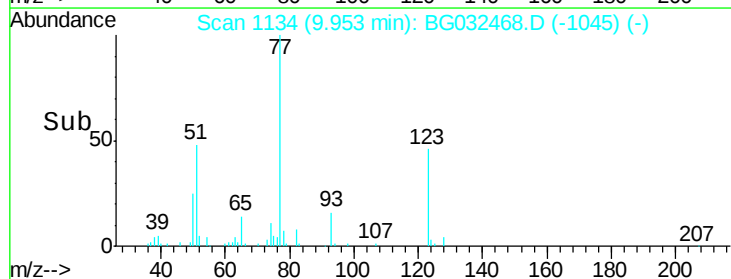
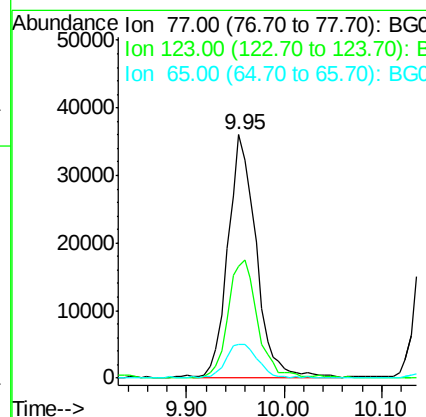
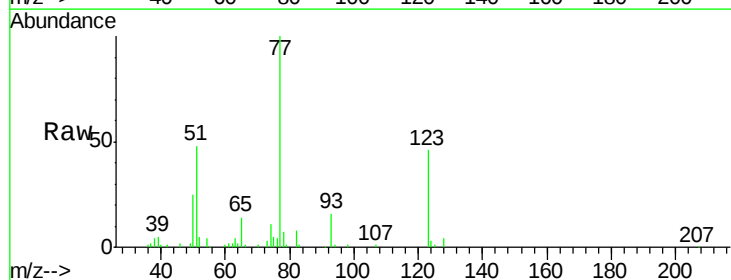
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

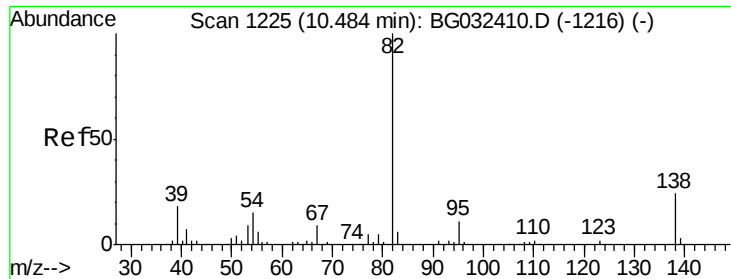
Tot Ion: 82 Resp: 153087
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 49.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 36.996 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion: 77 Resp: 72569
 Ion Ratio Lower Upper
 77 100
 123 46.0 33.0 49.6
 65 13.9 13.0 19.6





#25

Isophorone

Concen: 37.370 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

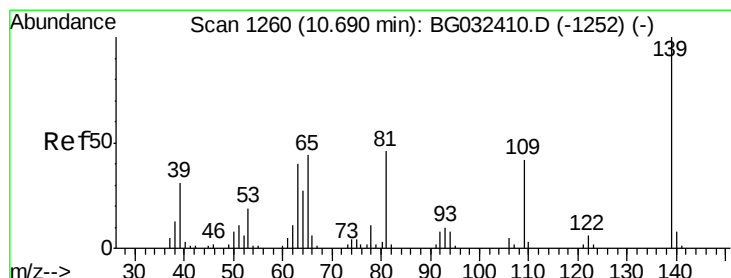
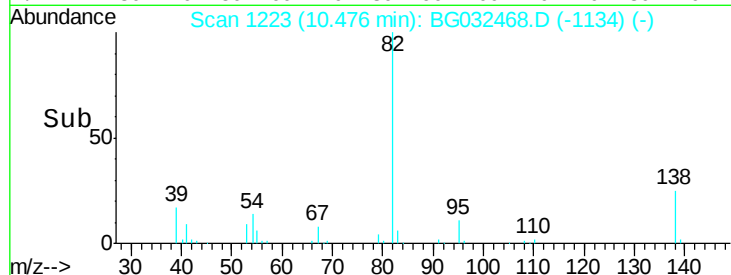
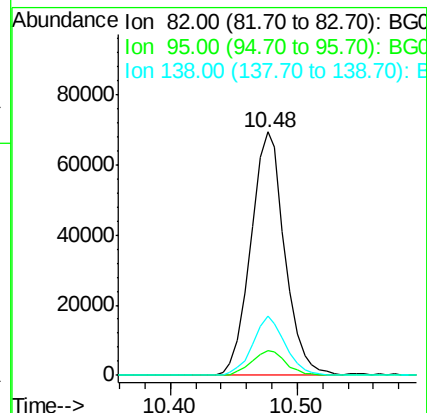
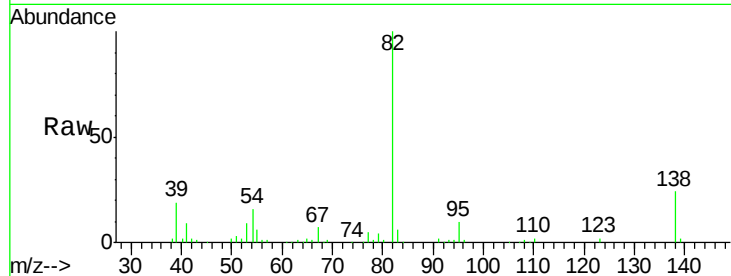
Tot Ion: 82 Resp: 129078

Ion Ratio Lower Upper

82 100

95 10.1 6.2 9.2#

138 24.3 12.1 18.1#



#26

2-Nitrophenol

Concen: 38.848 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

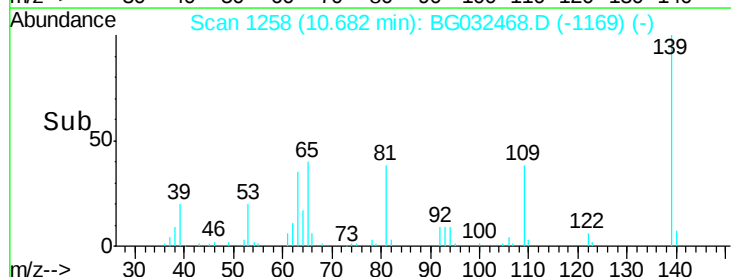
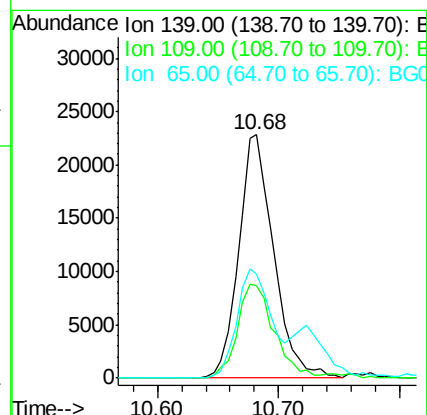
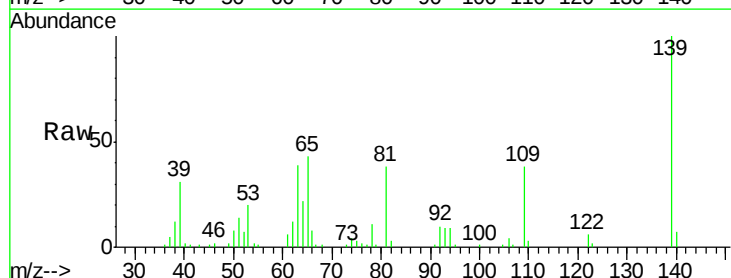
Tgt Ion: 139 Resp: 46064

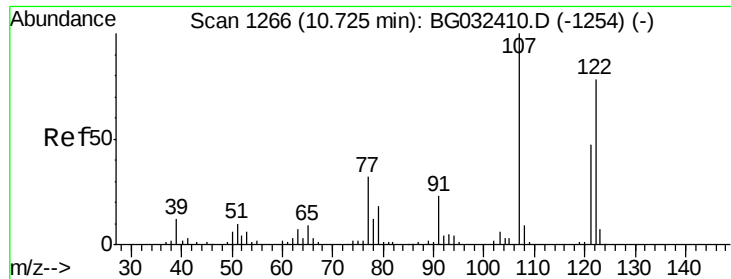
Ion Ratio Lower Upper

139 100

109 38.0 24.2 36.2#

65 42.7 47.4 71.0#

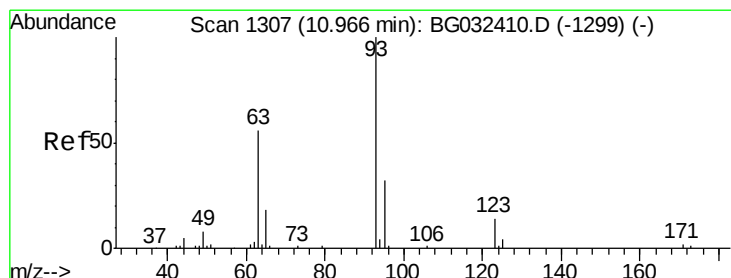
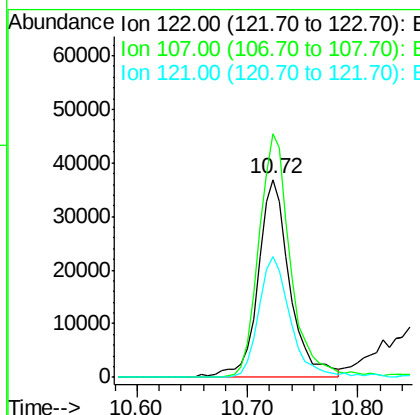
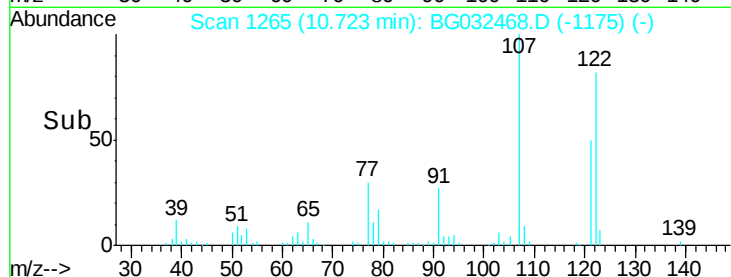
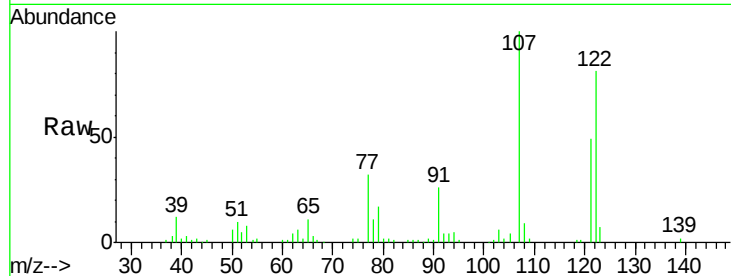




#27
 2,4-Dimethylphenol
 Concen: 43.722 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

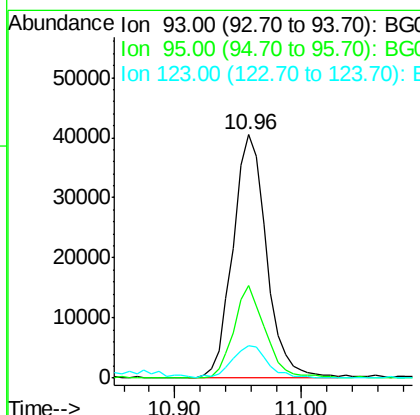
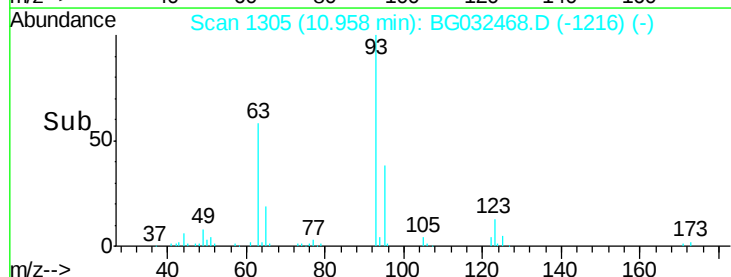
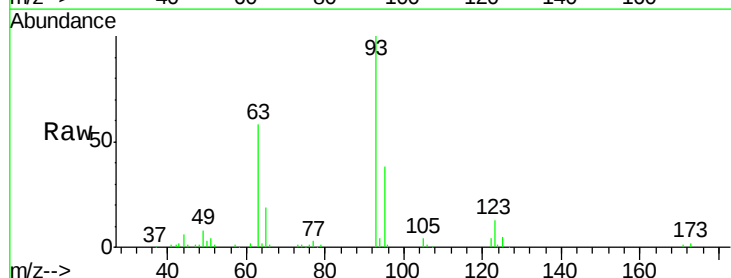
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

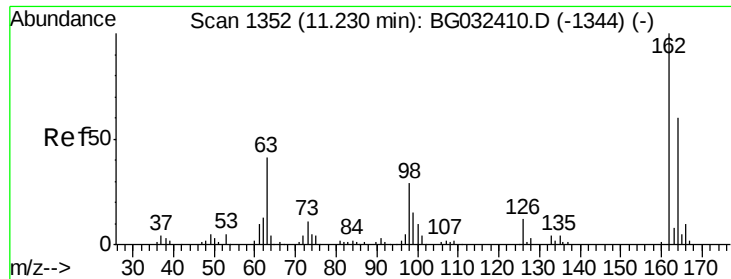
Tot Ion:122 Resp: 74413
 Ion Ratio Lower Upper
 122 100
 107 123.1 100.2 150.2
 121 60.9 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.257 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion: 93 Resp: 74357
 Ion Ratio Lower Upper
 93 100
 95 37.9 24.3 36.5#
 123 13.3 8.4 12.6#

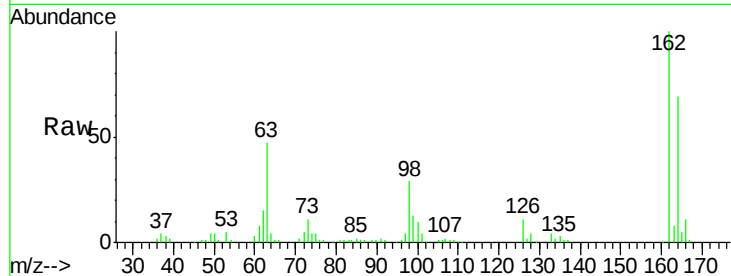




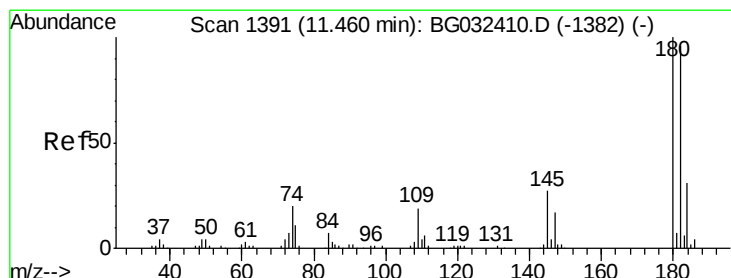
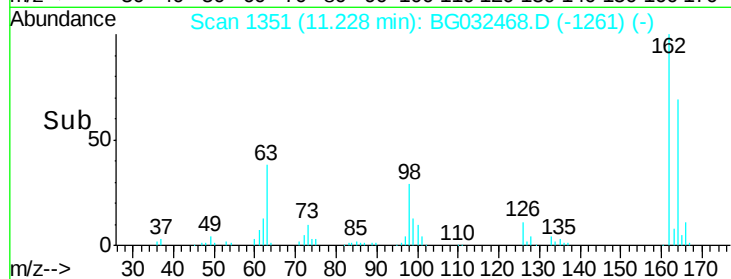
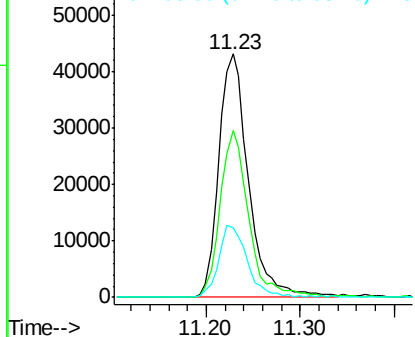
#29
 2,4-Dichlorophenol
 Concen: 42.208 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	68.6	48.0	88.0
98	28.7	21.1	61.1

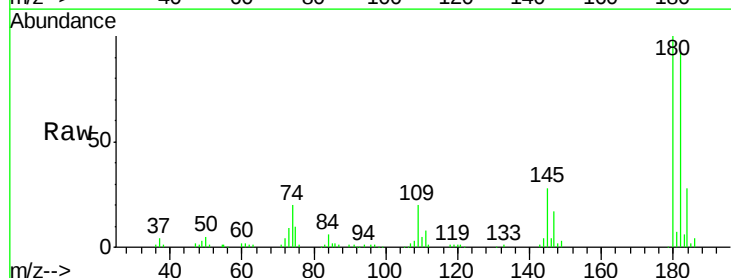


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

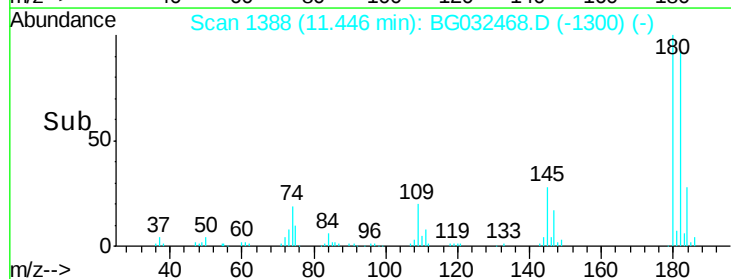
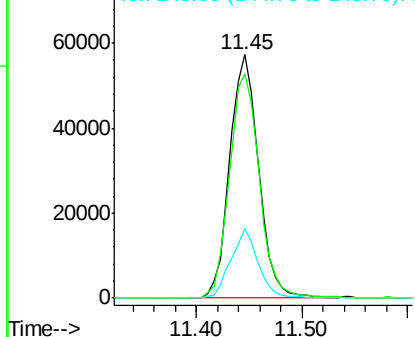


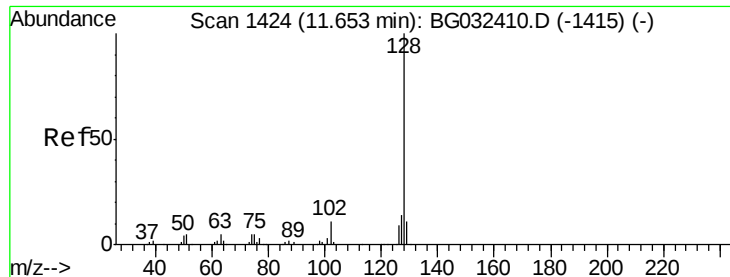
#30
 1,2,4-Trichlorobenzene
 Concen: 36.037 ng
 RT: 11.45 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	77.5	116.3
145	28.4	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

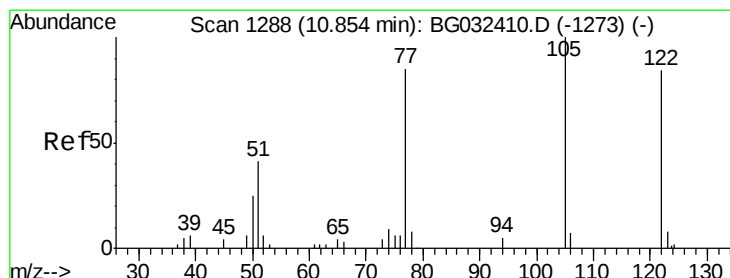
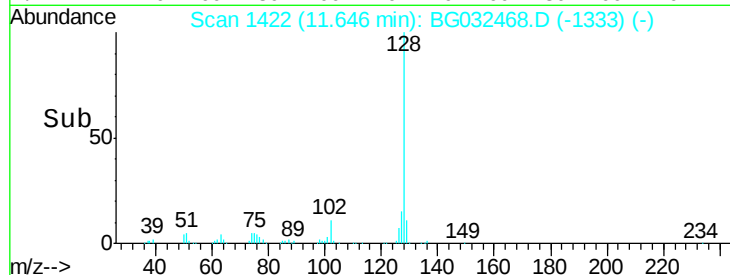
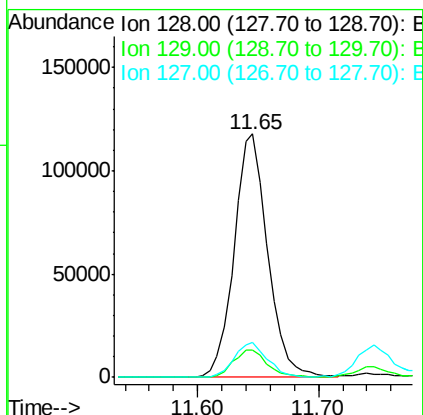
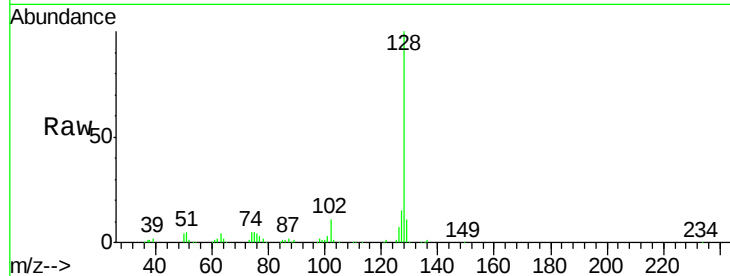




#31
Naphthalene
Concen: 36.862 ng
RT: 11.65 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

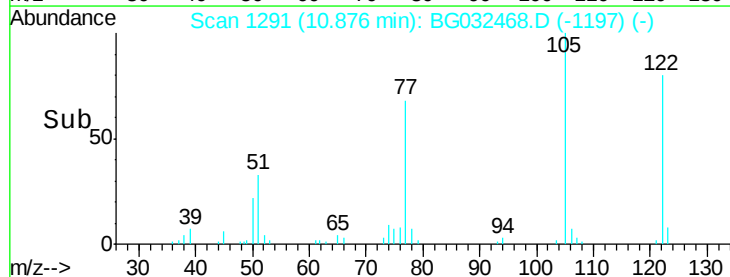
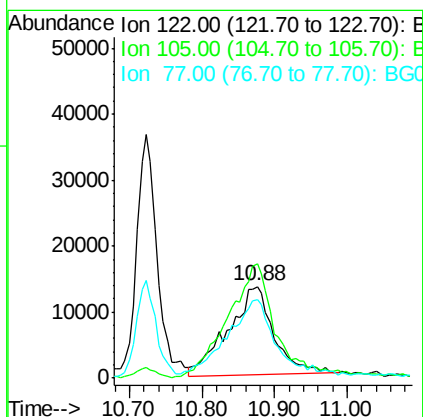
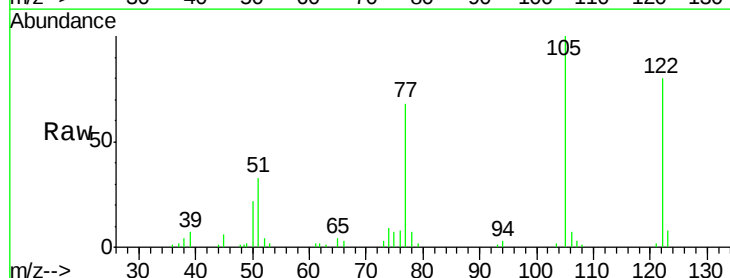
Instrument :
BNA_G
ClientSampleId :
PB106216BS

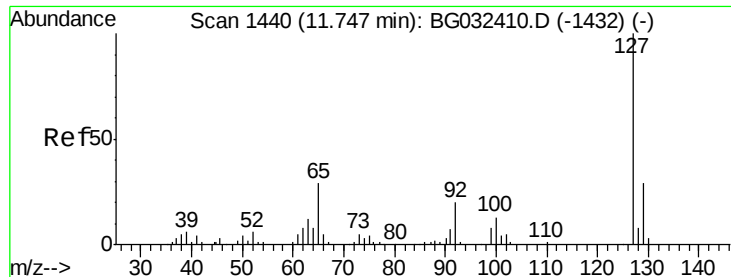
Tot Ion:128 Resp: 228114
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.6 11.6 17.4



#32
Benzoic acid
Concen: 46.012 ng
RT: 10.88 min Scan# 1291
Delta R.T. 0.02 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:122 Resp: 57966
Ion Ratio Lower Upper
122 100
105 124.9 123.5 163.5
77 85.0 85.7 125.7#

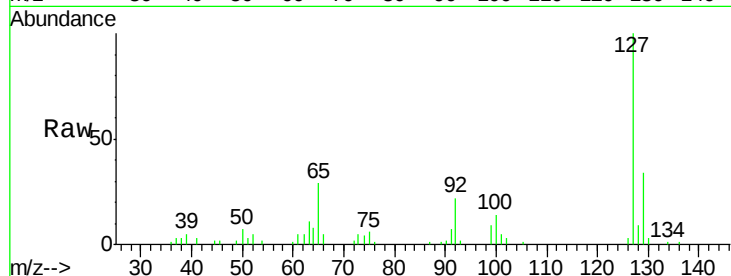




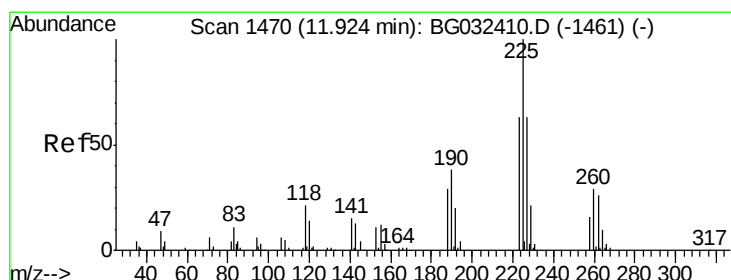
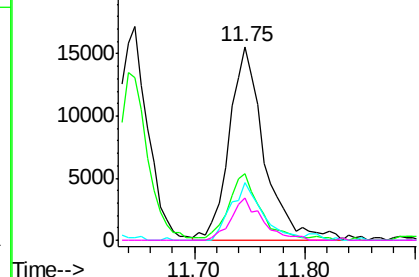
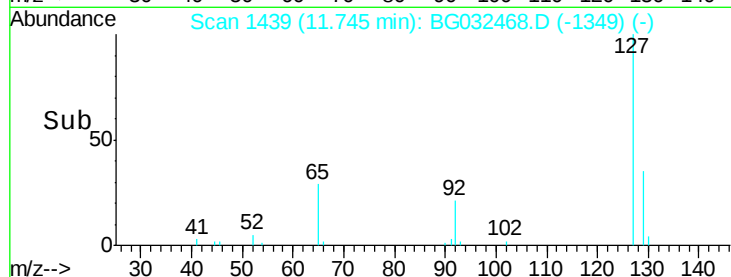
#33
 4-Chloroaniline
 Concen: 12.582 ng
 RT: 11.75 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

Tot Ion:127	Resp:	34728
Ion	Ratio	Lower Upper
127	100	
129	34.1	24.0 36.0
65	29.5	27.0 40.4
92	21.8	16.6 25.0

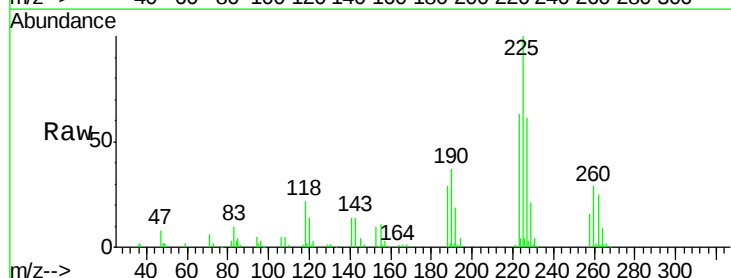


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

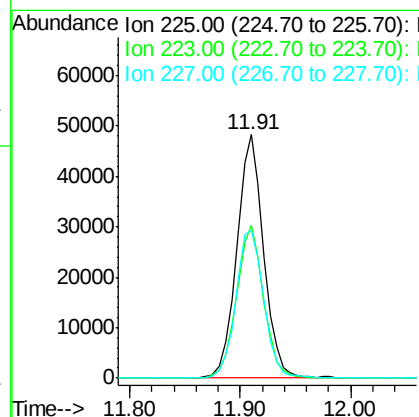
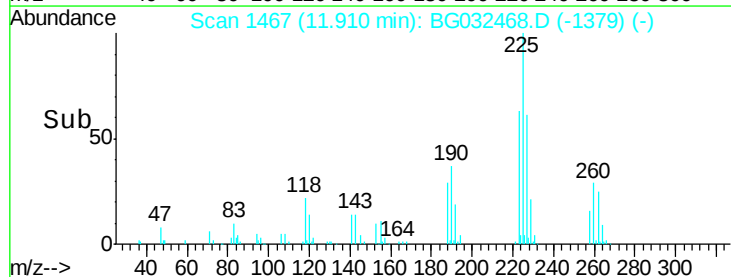


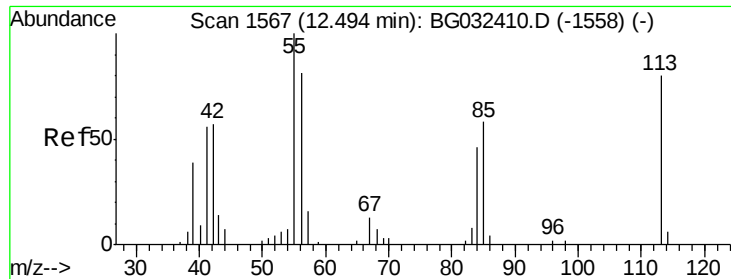
#34
 Hexachlorobutadiene
 Concen: 35.055 ng
 RT: 11.91 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion:225	Resp:	81957
Ion	Ratio	Lower Upper
225	100	
223	62.6	49.7 74.5
227	60.8	48.1 72.1



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





#35

Caprolactam

Concen: 39.256 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

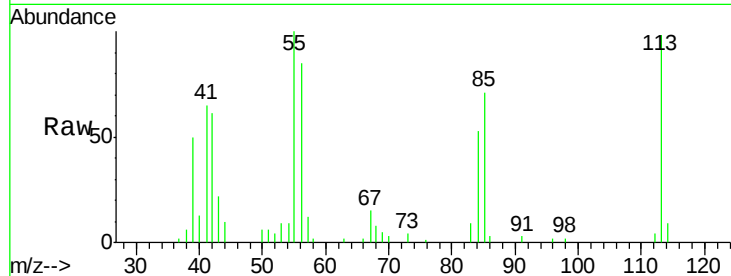
Tot Ion:113 Resp: 25408

Ion Ratio Lower Upper

113 100

55 101.6 186.9 226.9#

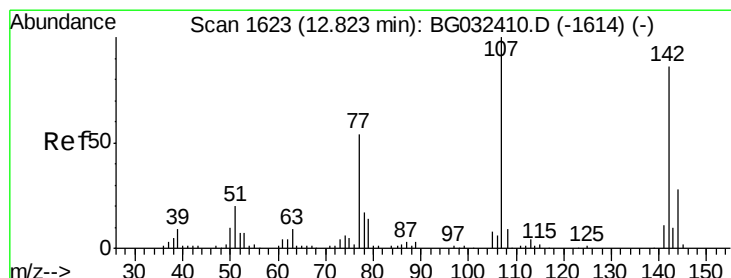
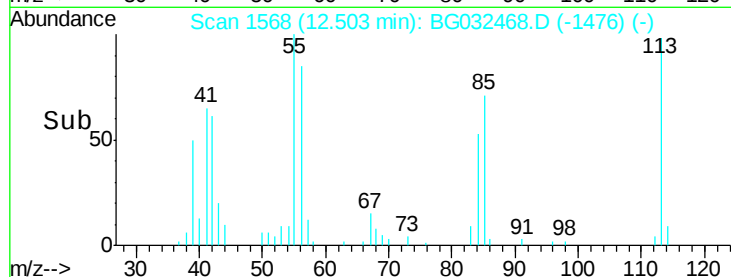
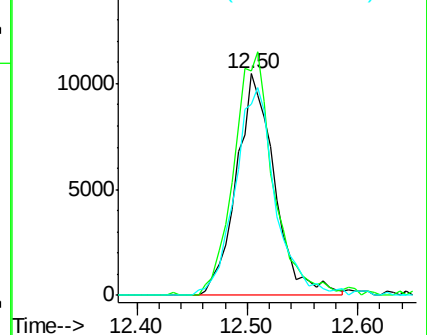
56 86.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.638 ng

RT: 12.83 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

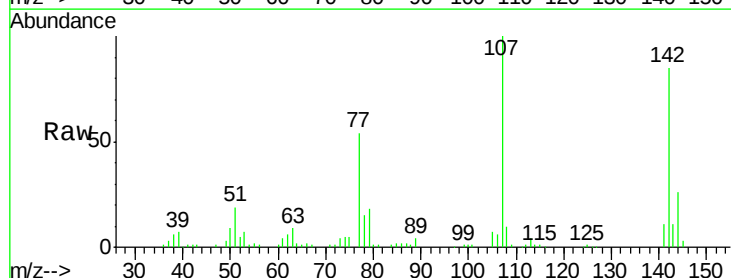
Tgt Ion:107 Resp: 86909

Ion Ratio Lower Upper

107 100

144 26.2 18.2 27.4

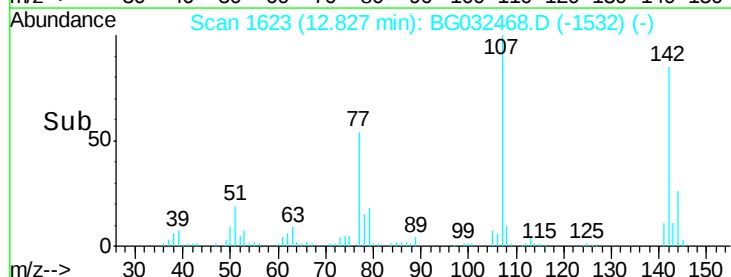
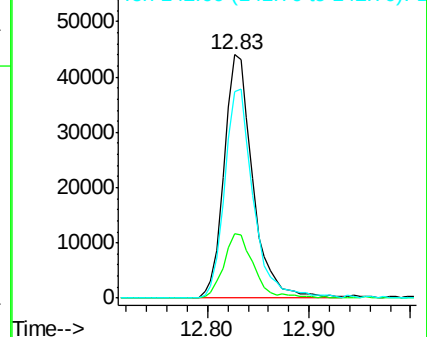
142 84.9 59.0 88.4

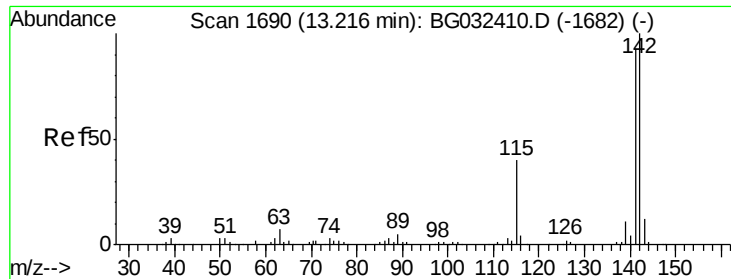


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

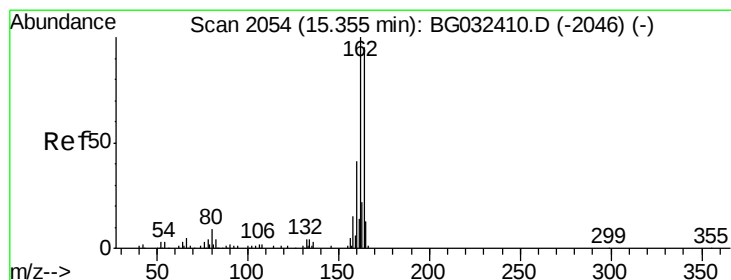
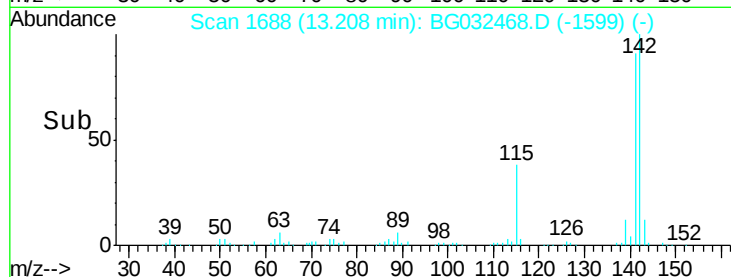
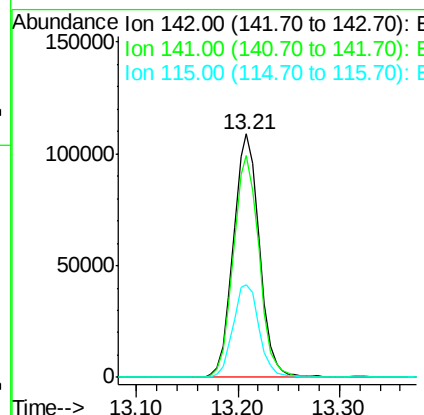
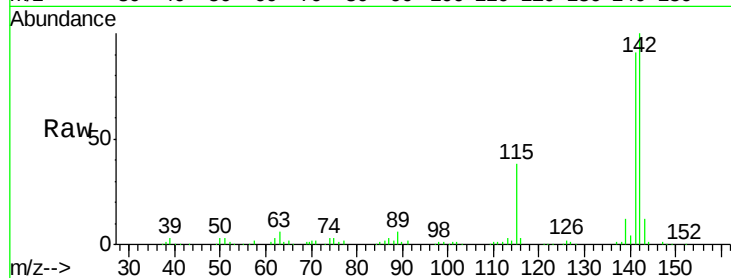




#37
2-Methylnaphthalene
Concen: 37.309 ng
RT: 13.21 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

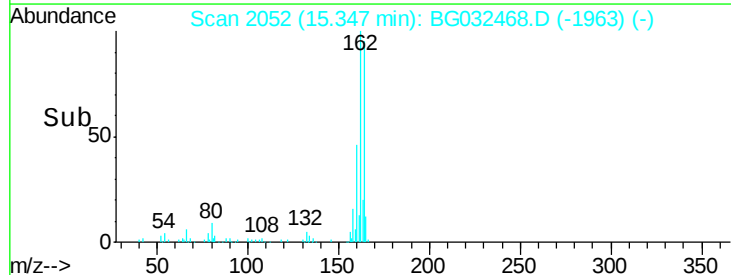
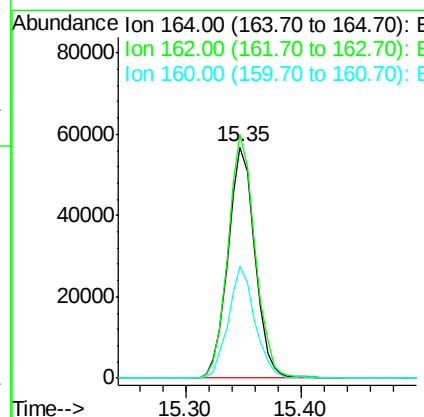
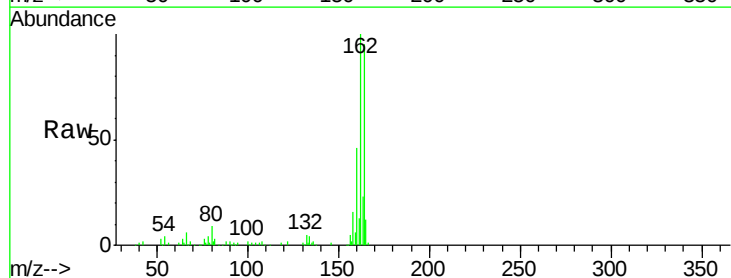
Instrument :
BNA_G
ClientSampleId :
PB106216BS

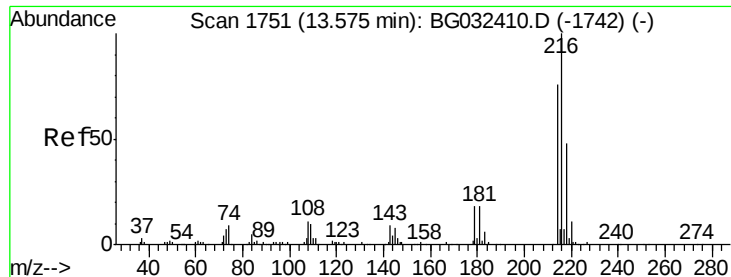
Tot Ion:142 Resp: 193966
Ion Ratio Lower Upper
142 100
141 90.9 67.1 100.7
115 37.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:164 Resp: 91701
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 48.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.968 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

Tot Ion:216 Resp: 150016

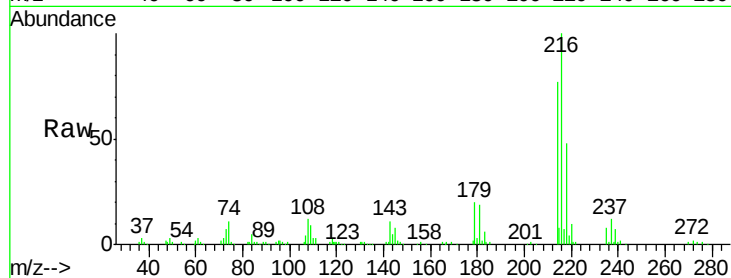
Ion Ratio Lower Upper

216 100

214 76.7 63.0 94.4

179 18.3 17.0 25.6

108 13.7 12.8 19.2

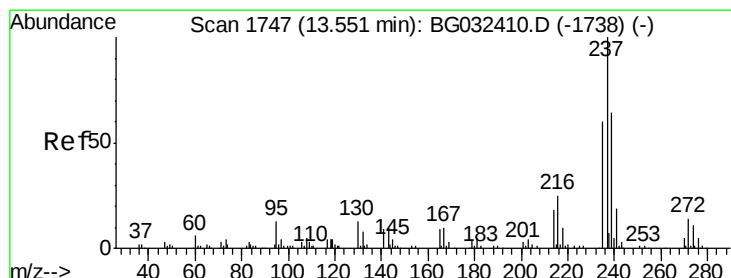
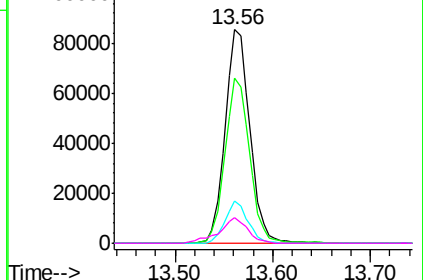
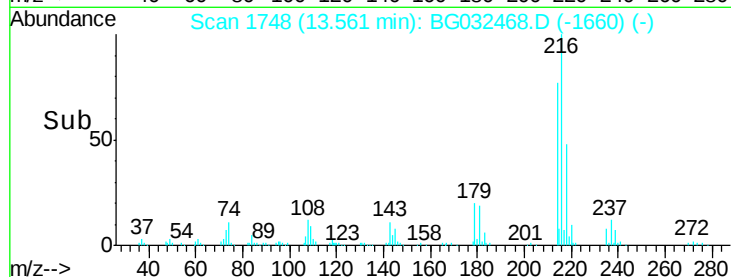


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.300 ng

RT: 13.54 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

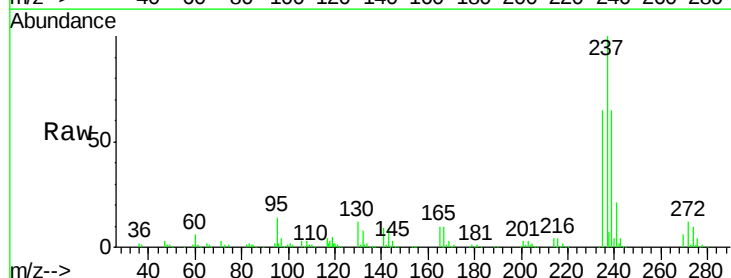
Tgt Ion:237 Resp: 212561

Ion Ratio Lower Upper

237 100

235 65.4 50.4 90.4

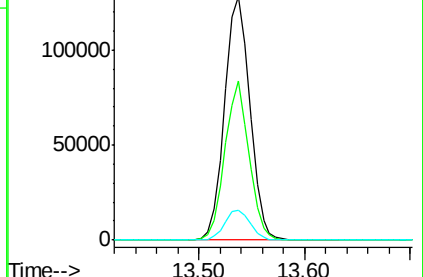
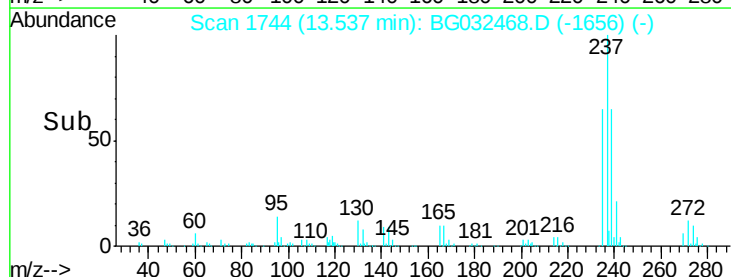
272 12.5 0.0 31.8

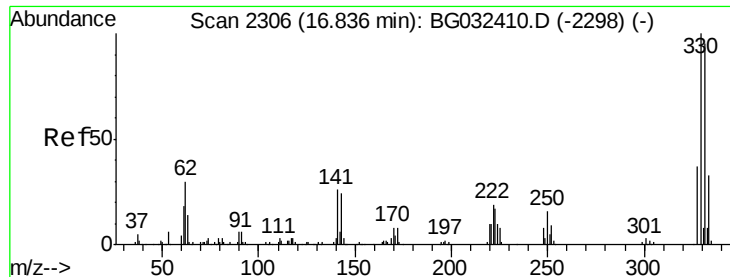


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.146 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

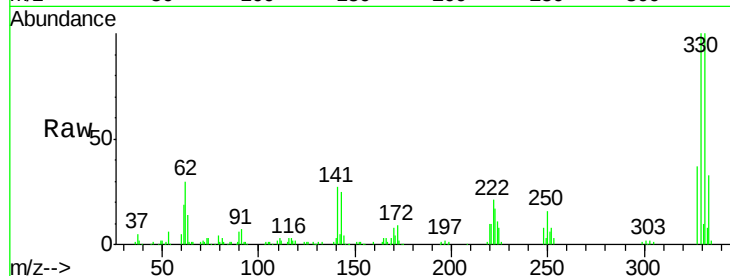
Tot Ion:330 Resp: 134661

Ion Ratio Lower Upper

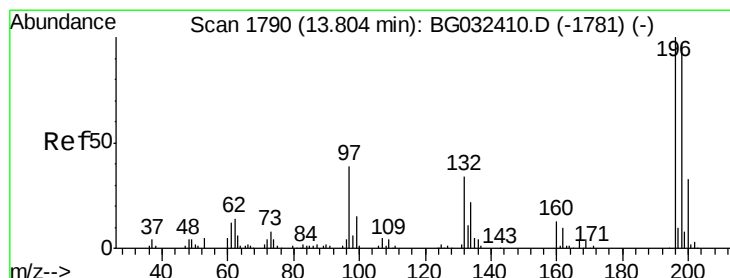
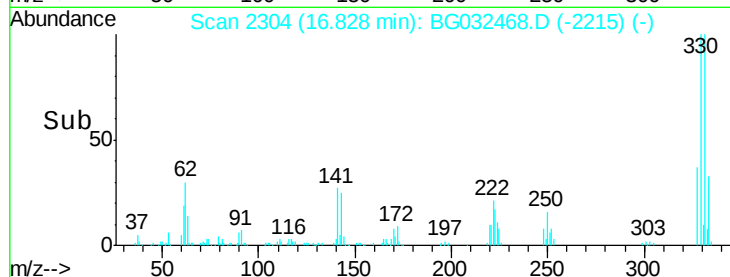
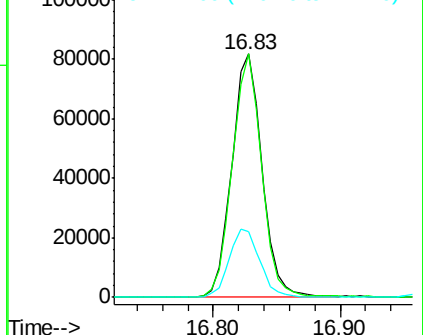
330 100

332 96.9 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: 40.138 ng

RT: 13.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

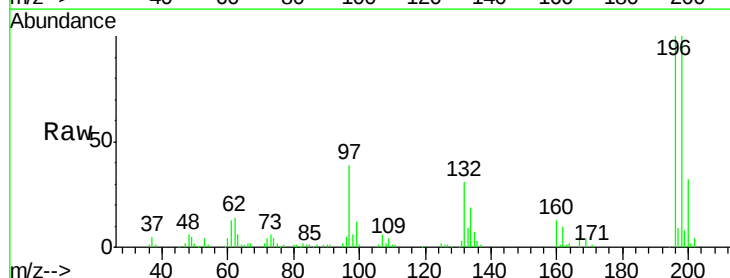
Tgt Ion:196 Resp: 93662

Ion Ratio Lower Upper

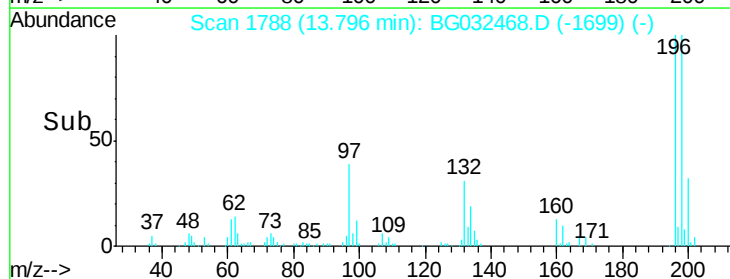
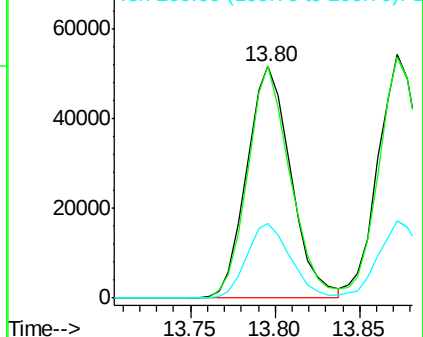
196 100

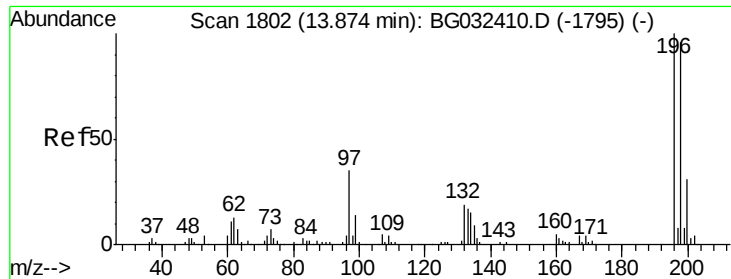
198 100.2 78.2 117.2

200 32.3 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

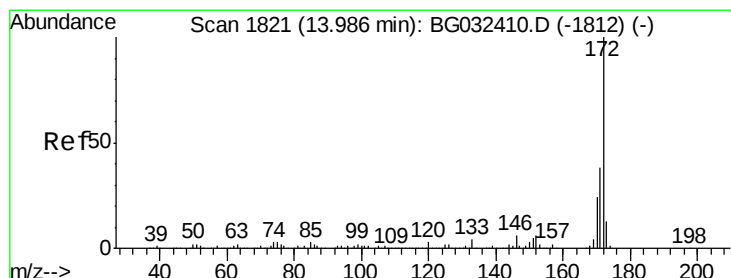
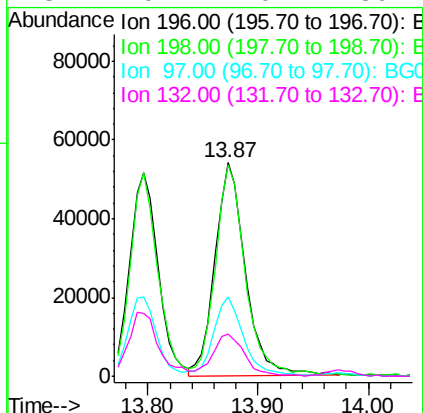
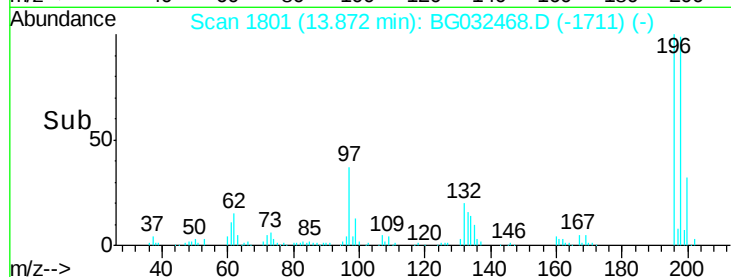
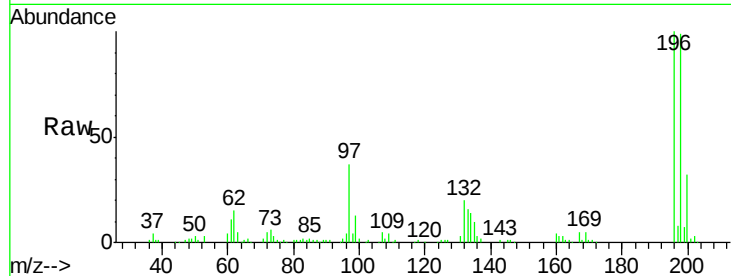




#43
 2,4,5-Trichlorophenol
 Concen: 37.990 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

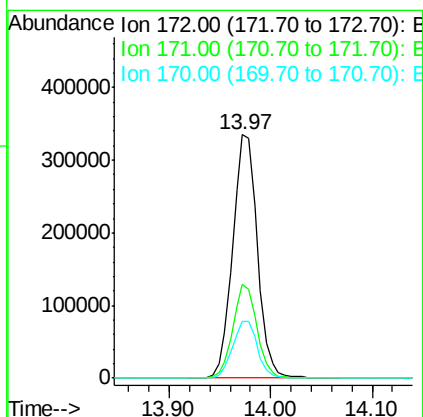
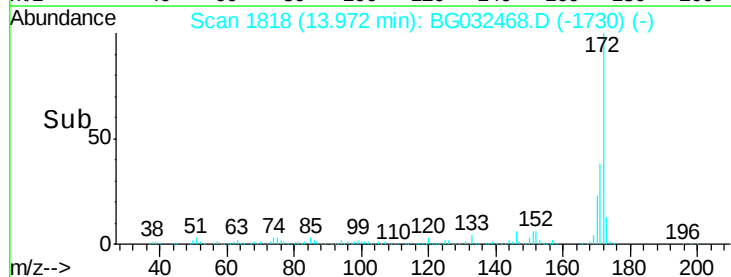
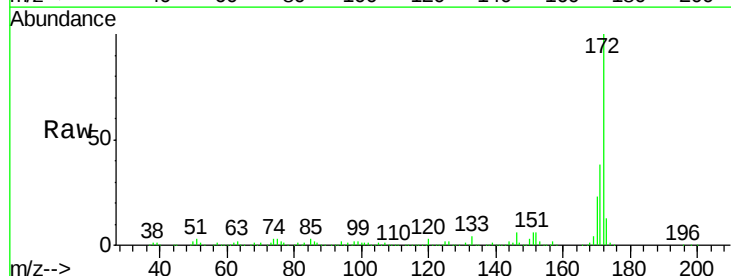
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

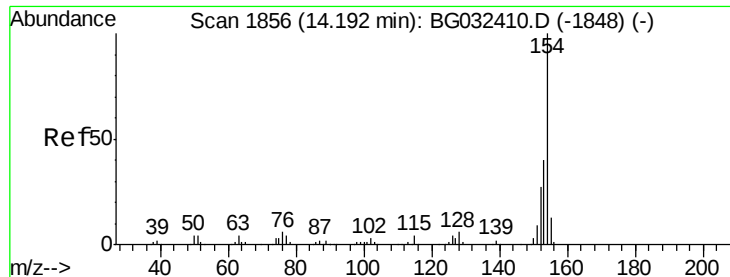
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.8	76.2	114.4
97	37.4	38.7	58.1#
132	19.7	20.2	30.2#



#44
 2-Fluorobiphenyl
 Concen: 73.468 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.3	19.5	29.3





#45

1,1'-Biphenyl

Concen: 35.554 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

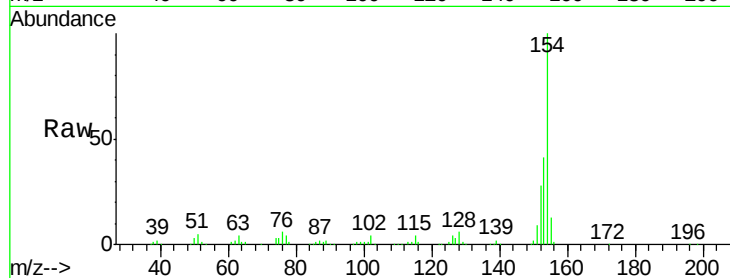
Tot Ion:154 Resp: 275451

Ion Ratio Lower Upper

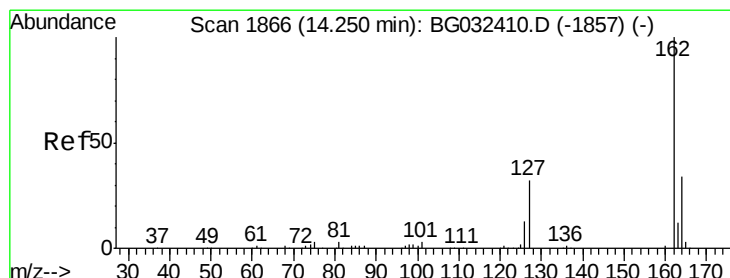
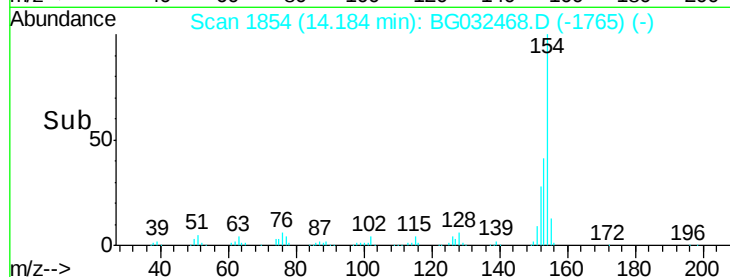
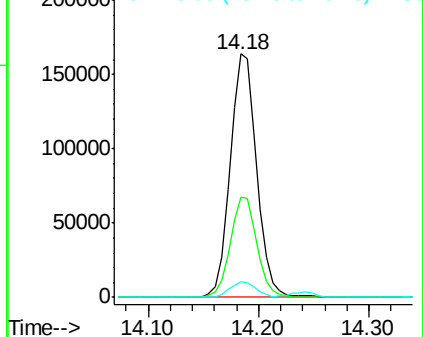
154 100

153 41.1 19.8 59.8

76 6.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 35.472 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

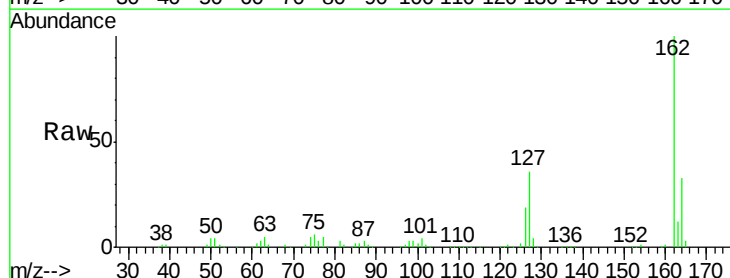
Tgt Ion:162 Resp: 215396

Ion Ratio Lower Upper

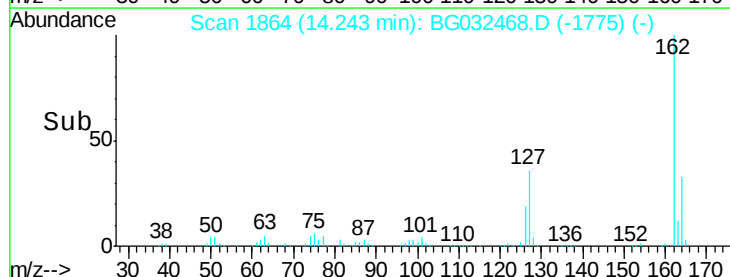
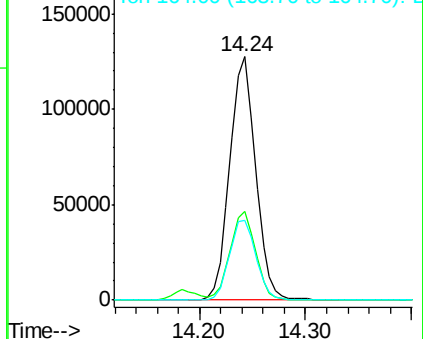
162 100

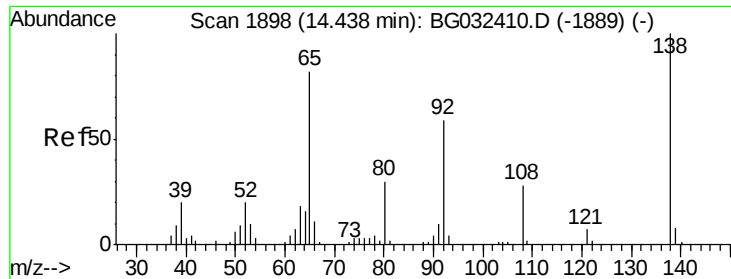
127 36.3 30.7 46.1

164 32.6 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

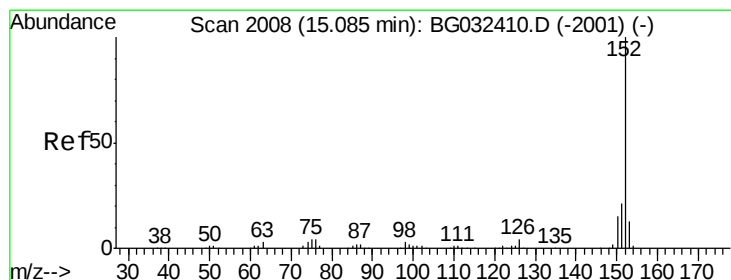
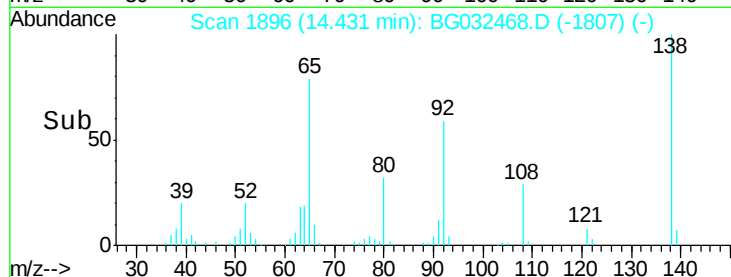
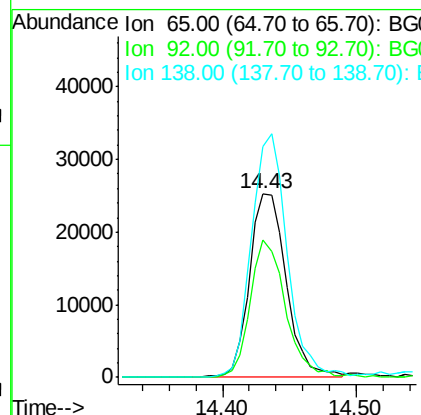
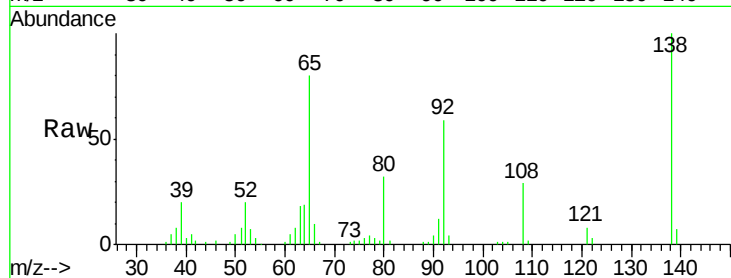




#47
2-Nitroaniline
Concen: 35.799 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

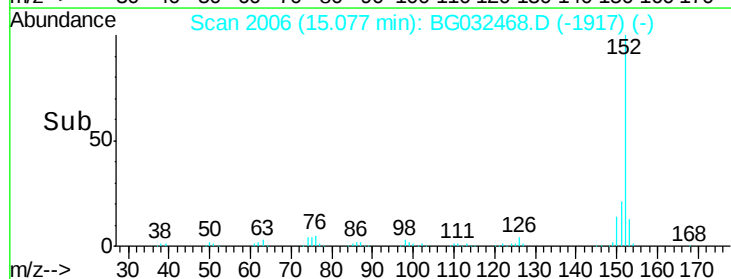
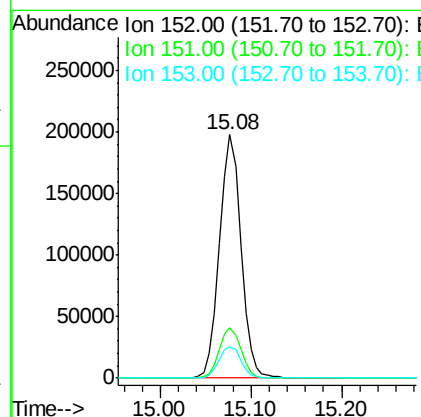
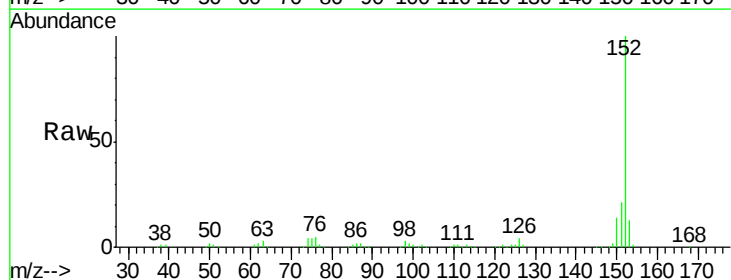
Instrument :
BNA_G
ClientSampleId :
PB106216BS

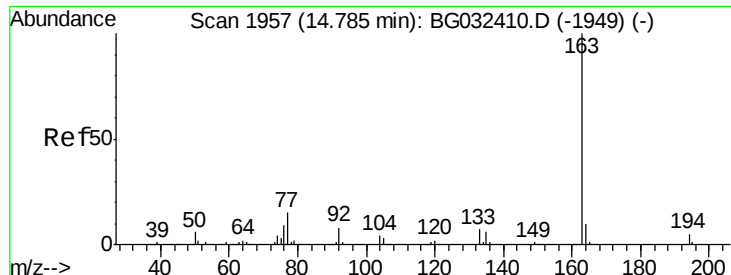
Tot Ion: 65 Resp: 48072
Ion Ratio Lower Upper
65 100
92 74.4 54.6 82.0
138 125.4 72.9 109.3#



#48
Acenaphthylene
Concen: 35.477 ng
RT: 15.08 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion: 152 Resp: 325674
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 12.7 10.2 15.4





#49

Dimethylphthalate

Concen: 34.348 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

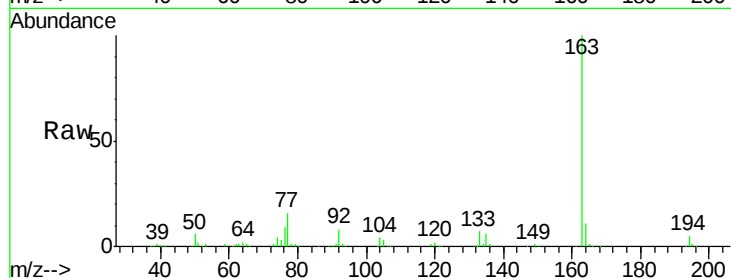
Tot Ion:163 Resp: 290417

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

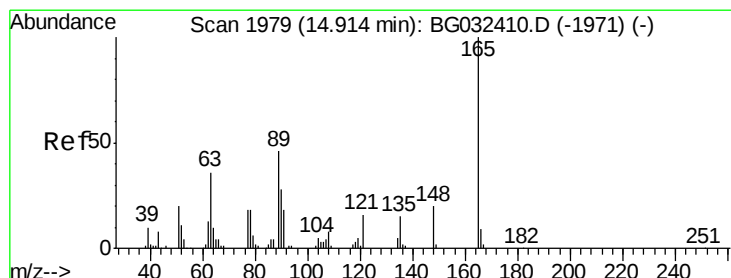
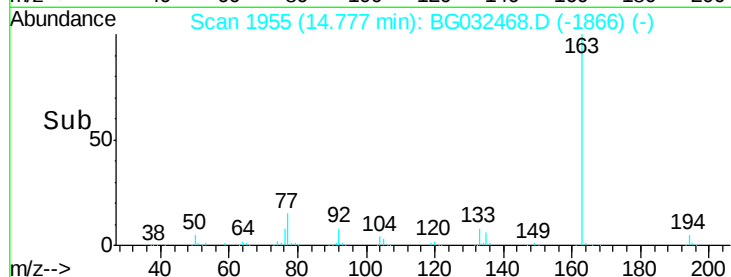
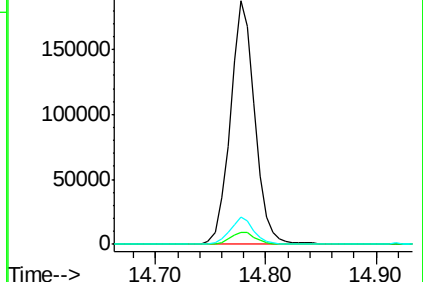
164 11.2 8.2 12.4



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: 36.388 ng

RT: 14.91 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

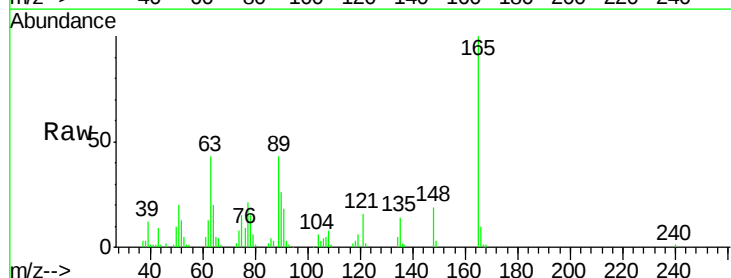
Tgt Ion:165 Resp: 64577

Ion Ratio Lower Upper

165 100

63 43.1 52.7 79.1#

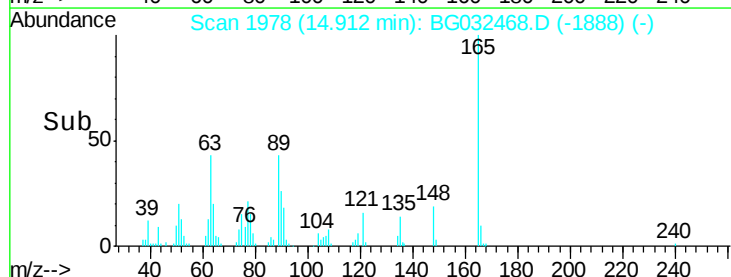
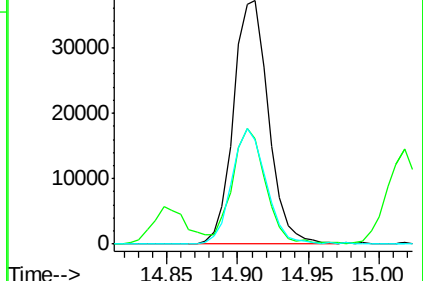
89 42.6 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.930 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

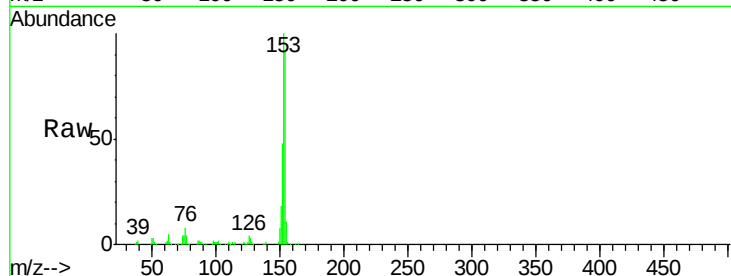
Tot Ion:154 Resp: 254208

Ion Ratio Lower Upper

154 100

153 108.9 90.4 135.6

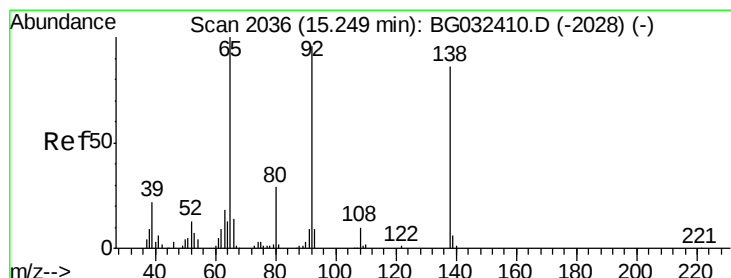
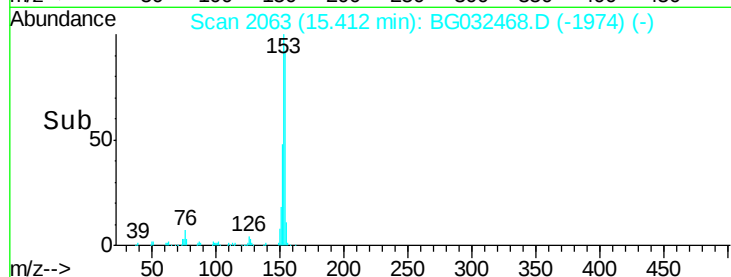
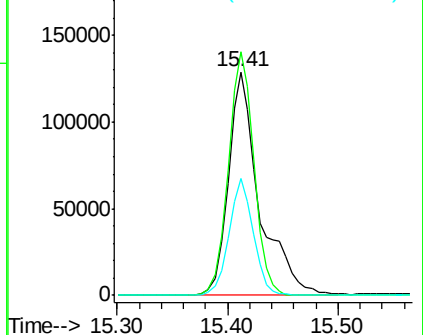
152 52.2 41.6 62.4



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: 18.672 ng

RT: 15.25 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

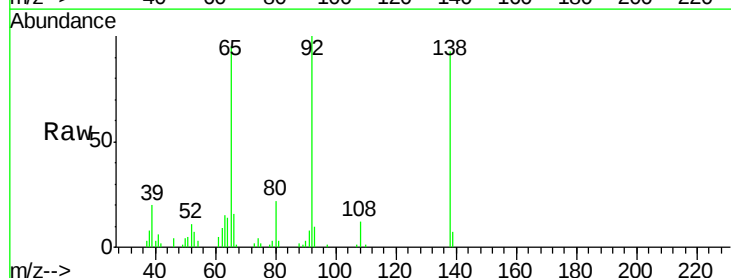
Tgt Ion:138 Resp: 28944

Ion Ratio Lower Upper

138 100

108 12.5 17.5 26.3#

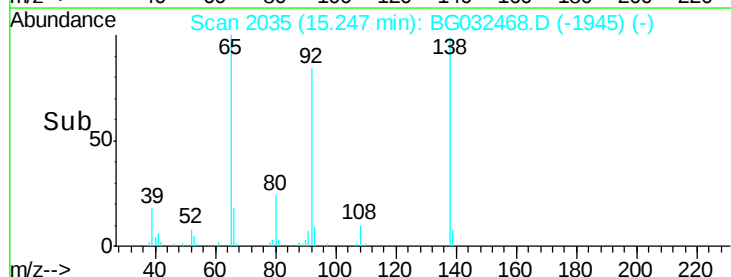
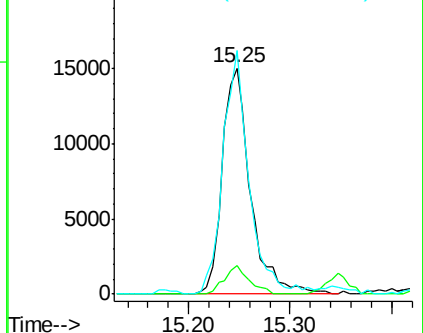
92 107.6 105.8 158.8

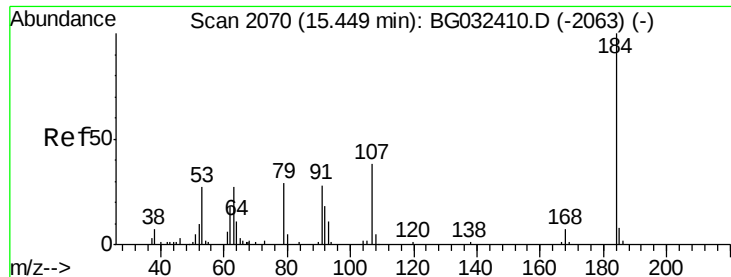


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

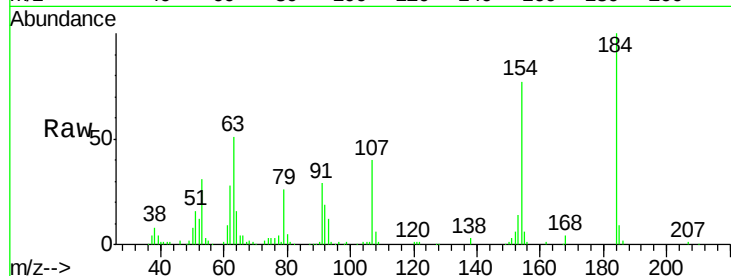




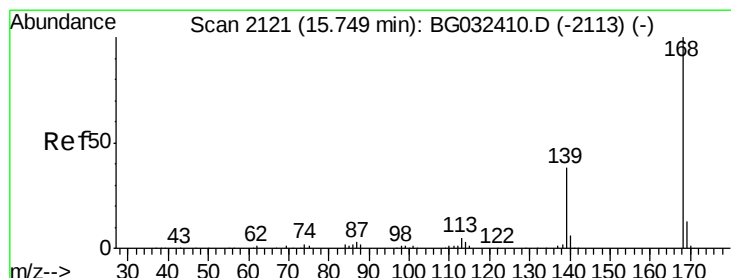
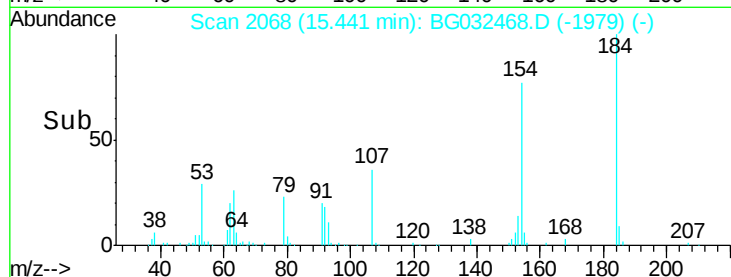
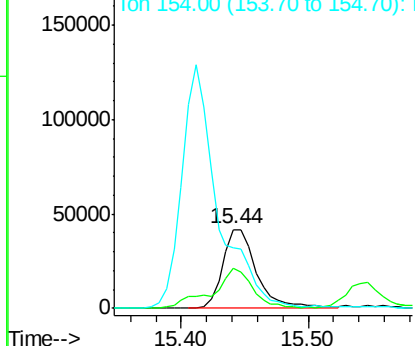
#53
2,4-Dinitrophenol
Concen: 70.553 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PB106216BS

Tot Ion:184 Resp: 77590
Ion Ratio Lower Upper
184 100
63 50.6 59.8 89.8#
154 76.9 101.8 152.8#

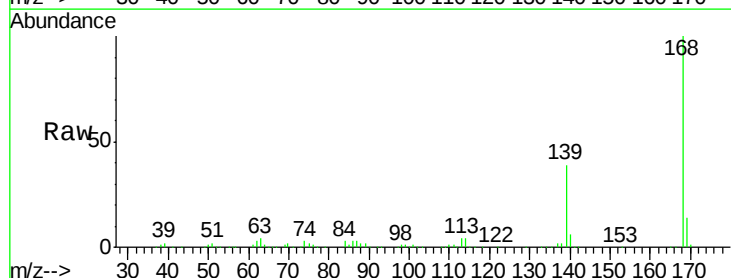


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

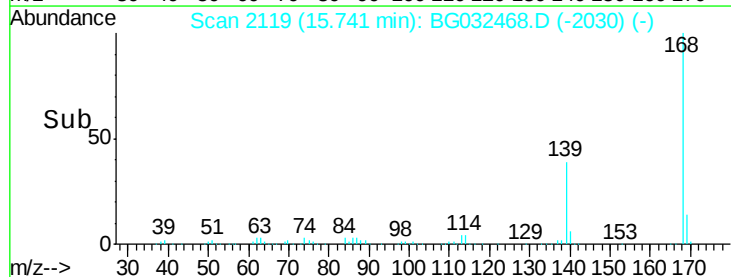
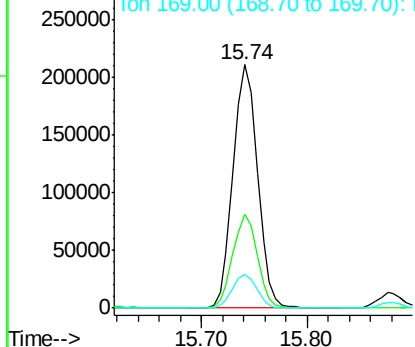


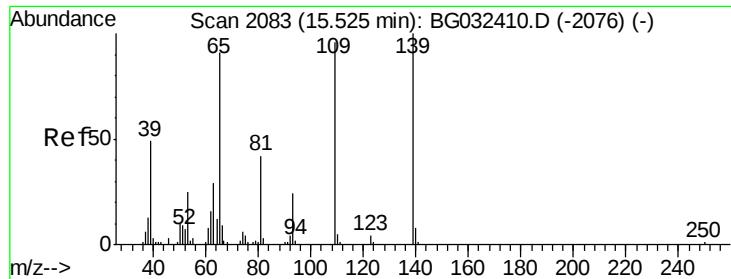
#54
Dibenzofuran
Concen: 35.903 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:168 Resp: 338313
Ion Ratio Lower Upper
168 100
139 38.6 28.6 43.0
169 13.8 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: 76.705 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.02 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

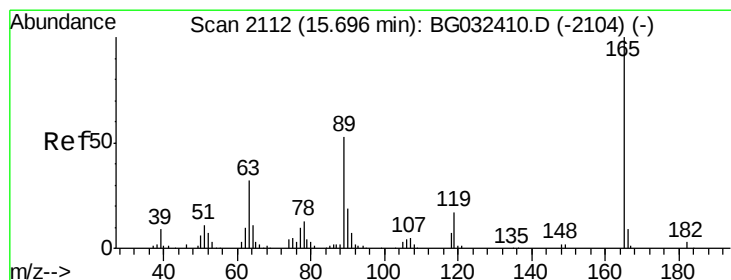
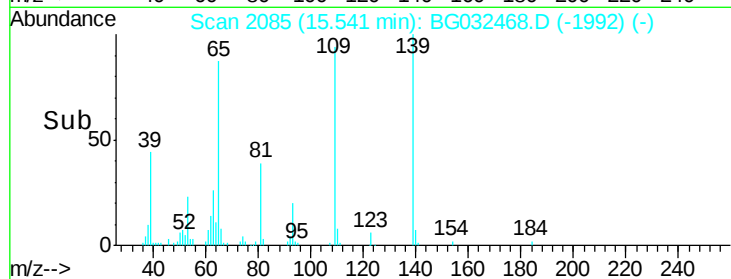
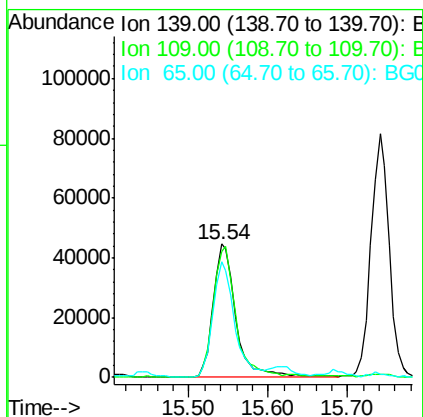
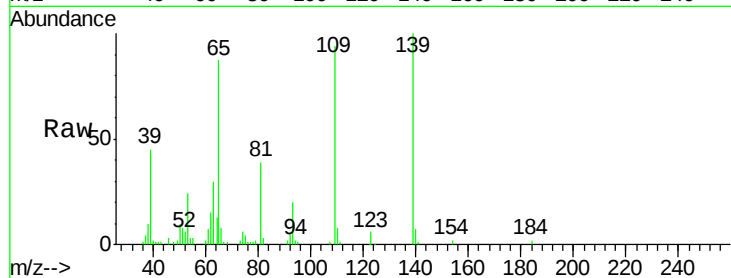
Tot Ion:139 Resp: 89014

Ion Ratio Lower Upper

139 100

109 94.4 62.2 102.2

65 87.2 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 35.454 ng

RT: 15.69 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Tgt Ion:165 Resp: 89585

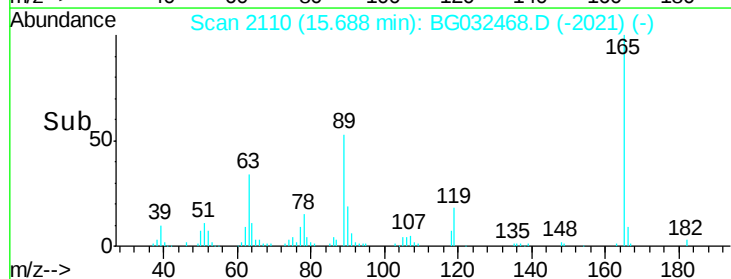
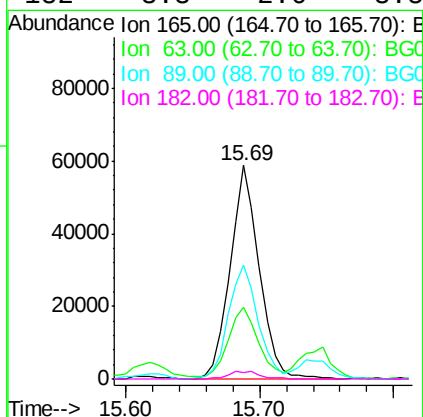
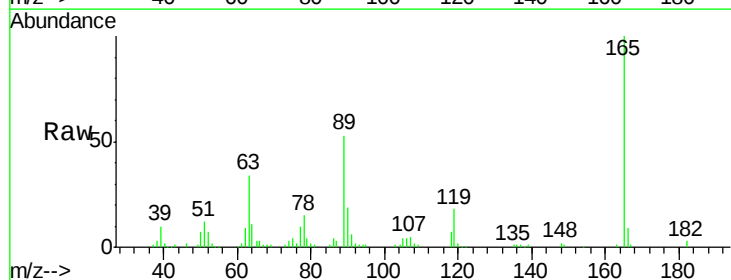
Ion Ratio Lower Upper

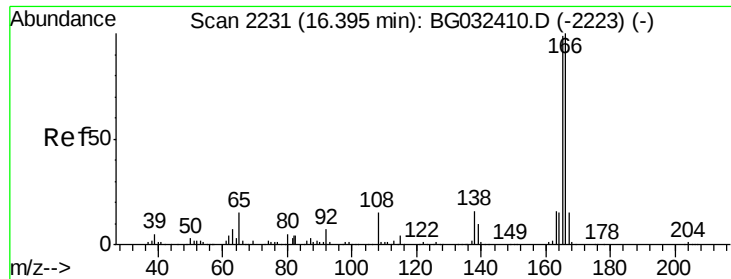
165 100

63 33.5 42.0 63.0#

89 53.5 66.9 100.3#

182 3.3 2.6 3.8





#57

Fluorene

Concen: 35.491 ng

RT: 16.39 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

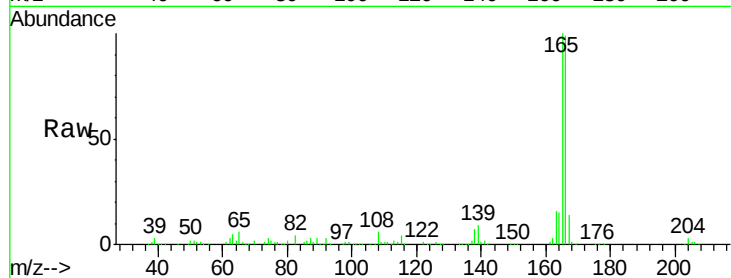
Tot Ion:166 Resp: 277900

Ion Ratio Lower Upper

166 100

165 101.4 80.6 121.0

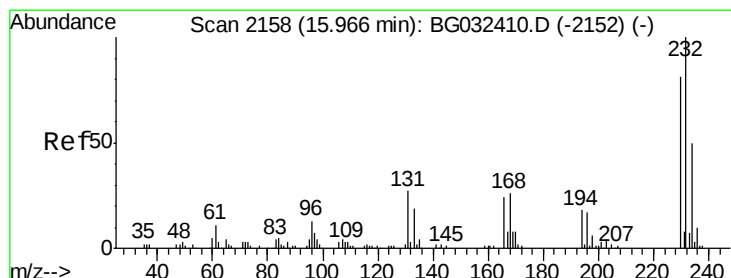
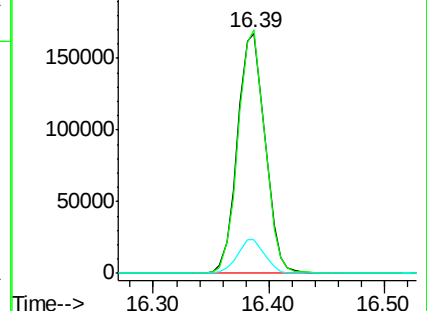
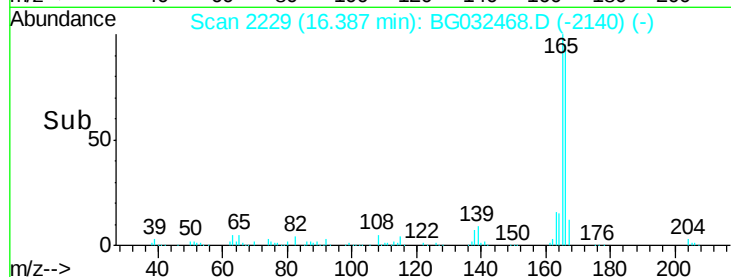
167 13.9 10.4 15.6



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: 40.264 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Tgt Ion:232 Resp: 108026

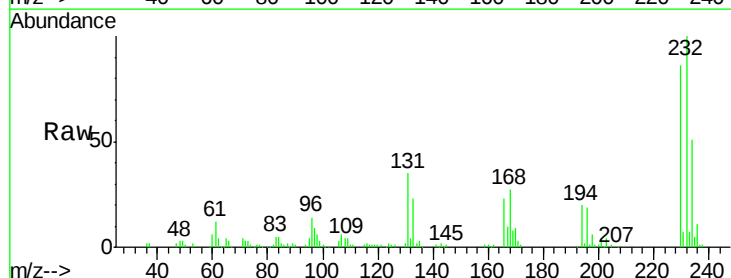
Ion Ratio Lower Upper

232 100

131 29.5 33.5 50.3#

130 1.3 2.2 3.2#

166 24.7 24.8 37.2#

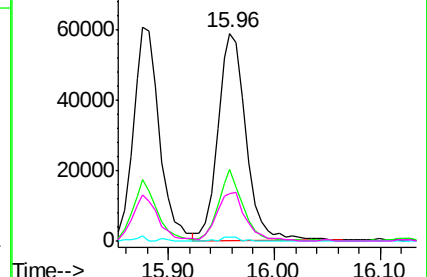
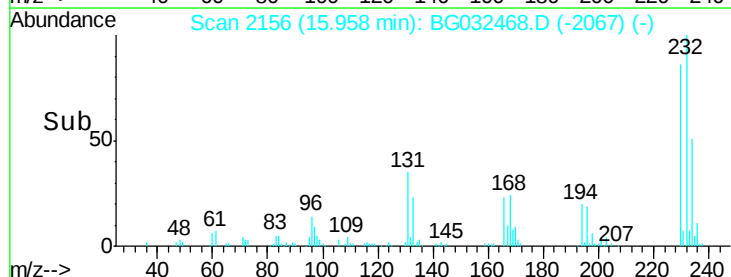


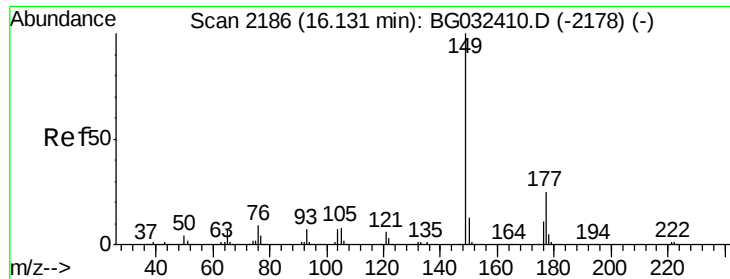
Abundance Ion 232.00 (231.70 to 232.70): E

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

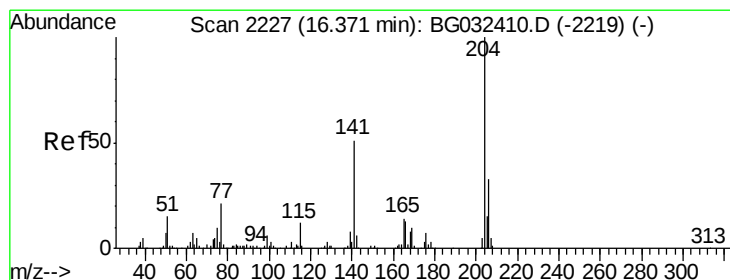
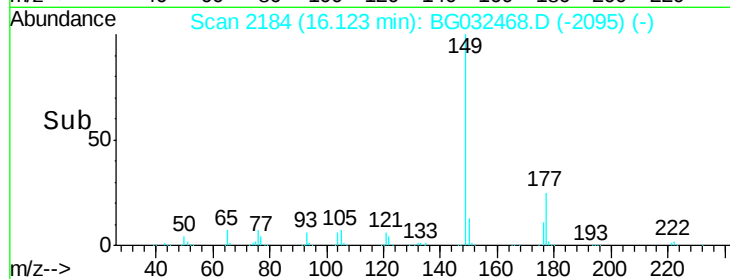
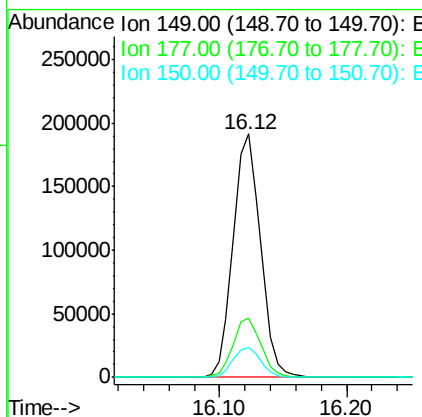
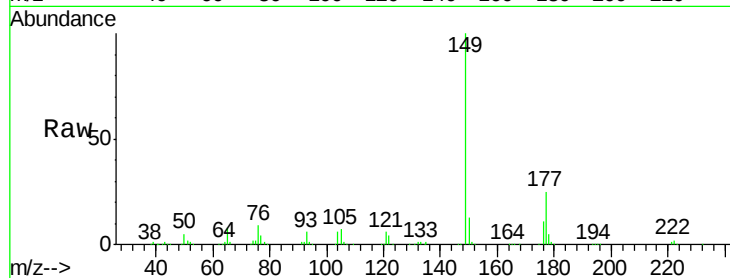




#59
Diethylphthalate
Concen: 34.669 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

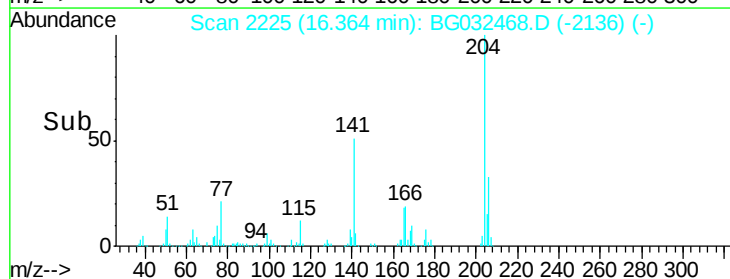
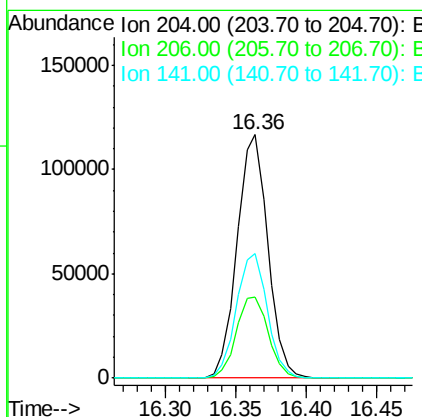
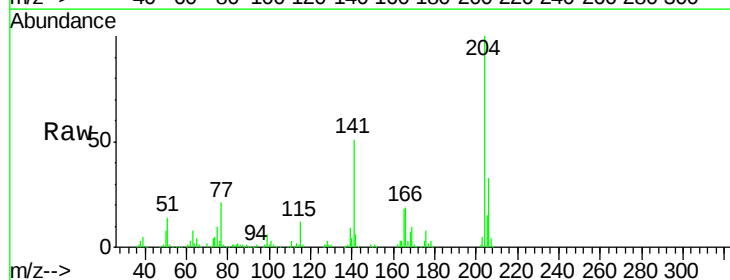
Instrument :
BNA_G
ClientSampleId :
PB106216BS

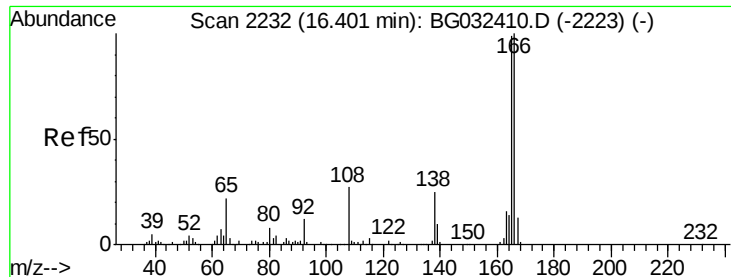
Tot Ion:149 Resp: 285499
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.901 ng
RT: 16.36 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:204 Resp: 177265
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 51.1 45.8 68.6

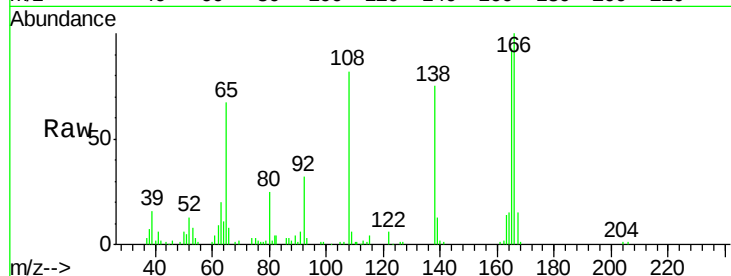




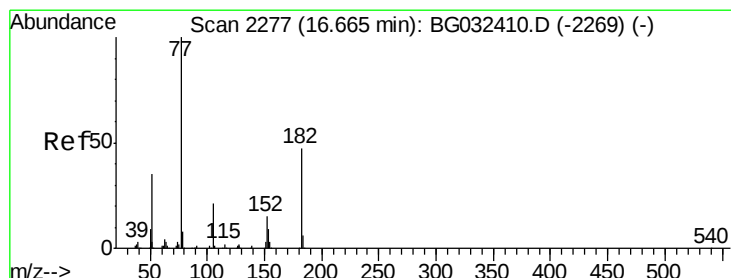
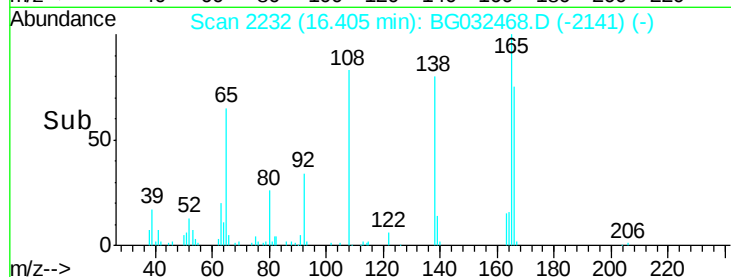
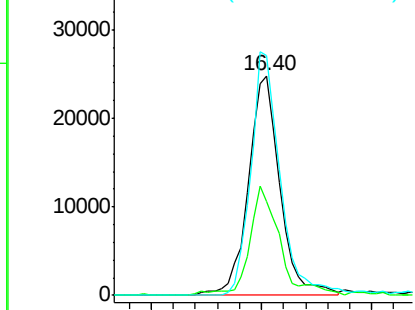
#61
4-Nitroaniline
Concen: 30.030 ng
RT: 16.40 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PB106216BS

Tot Ion:138 Resp: 49893
Ion Ratio Lower Upper
138 100
92 42.8 40.1 80.1
108 109.4 65.4 105.4#

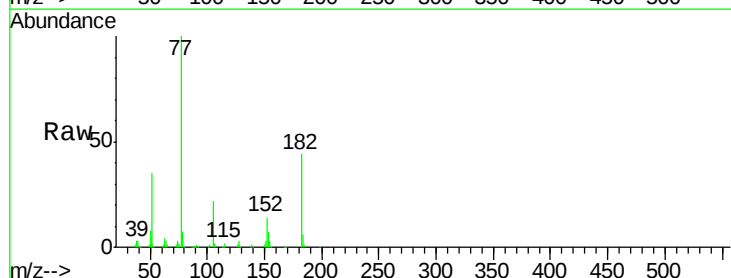


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

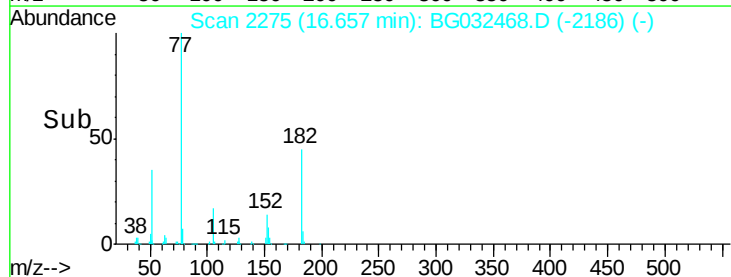
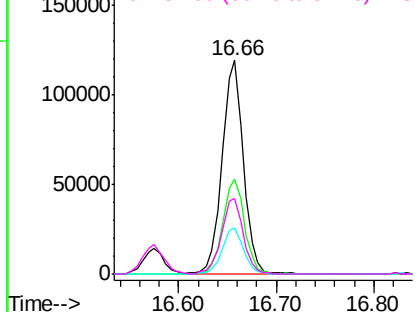


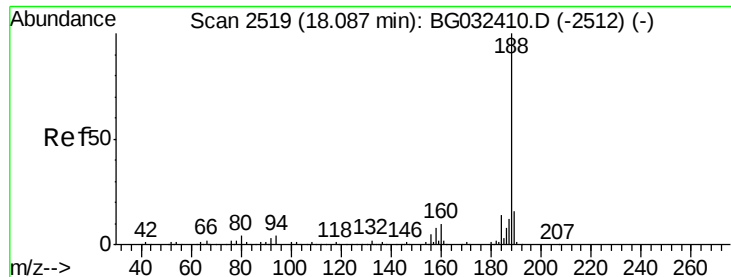
#62
Azobenzene
Concen: 36.385 ng
RT: 16.66 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion: 77 Resp: 179061
Ion Ratio Lower Upper
77 100
182 44.2 7.4 47.4
105 21.5 0.3 40.3
51 35.5 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

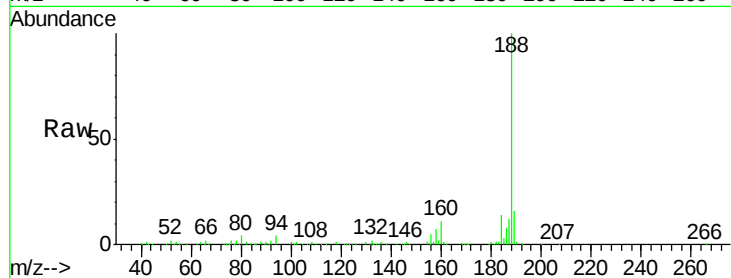




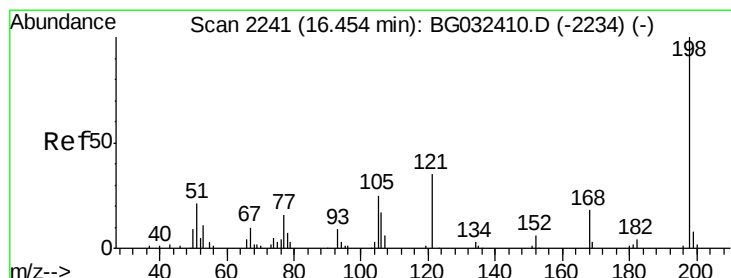
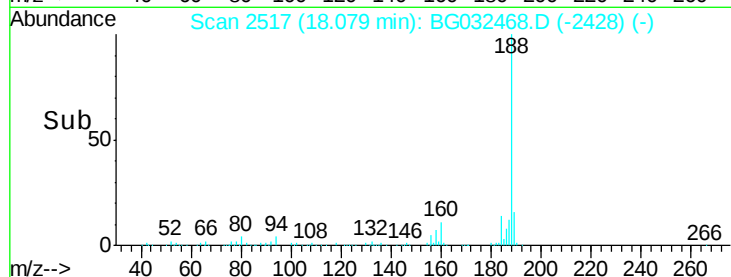
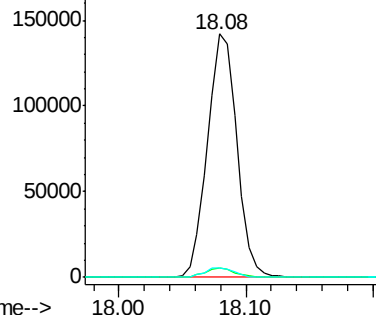
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PB106216BS

Tot Ion:188 Resp: 228070
Ion Ratio Lower Upper
188 100
94 4.0 6.9 10.3#
80 3.9 7.7 11.5#

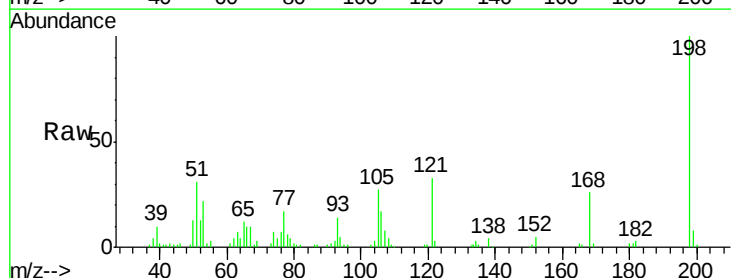


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

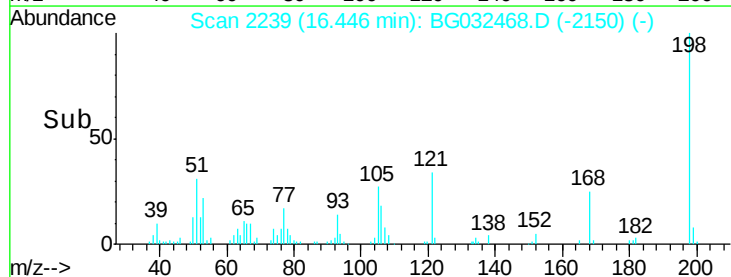
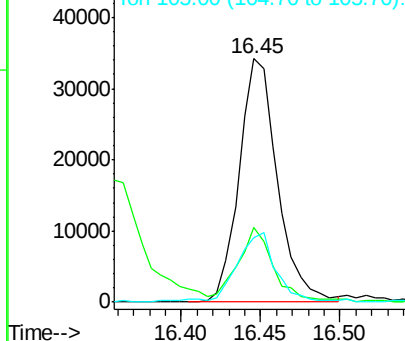


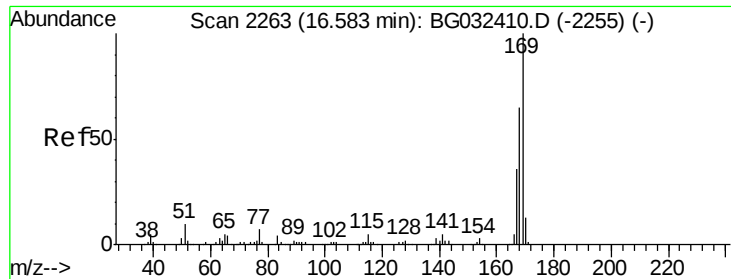
#64
4,6-Dinitro-2-methylphenol
Concen: 33.670 ng
RT: 16.45 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:198 Resp: 57368
Ion Ratio Lower Upper
198 100
51 30.6 30.6 70.6
105 26.7 23.8 63.8



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





#65

n-Nitrosodiphenylamine

Concen: 37.849 ng

RT: 16.58 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

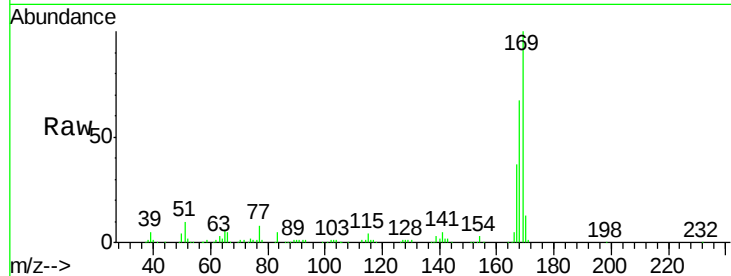
Tot Ion:169 Resp: 257614

Ion Ratio Lower Upper

169 100

168 66.8 55.7 83.5

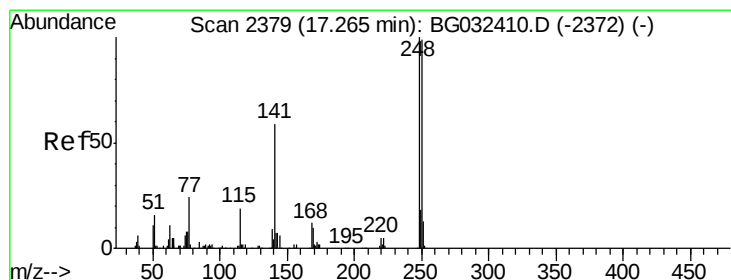
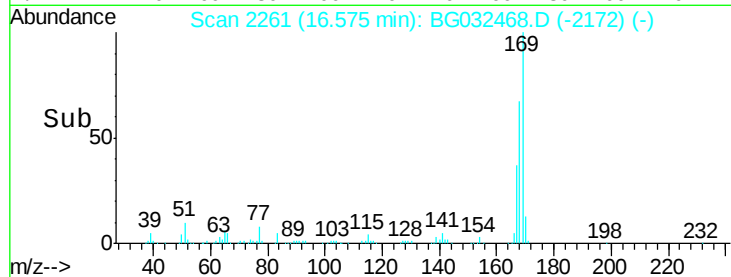
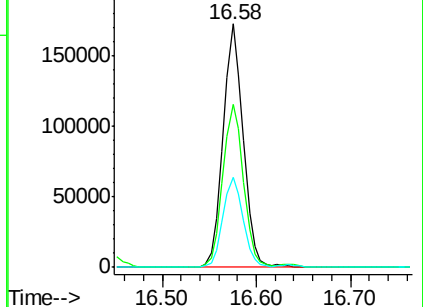
167 36.8 30.1 45.1



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: 38.704 ng

RT: 17.26 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

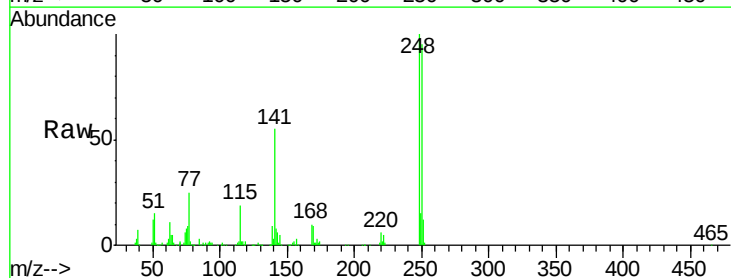
Tgt Ion:248 Resp: 130775

Ion Ratio Lower Upper

248 100

250 94.9 77.1 115.7

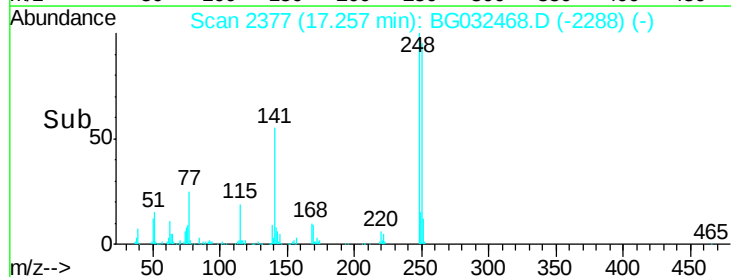
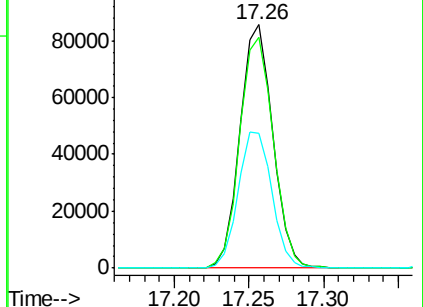
141 55.5 50.8 76.2

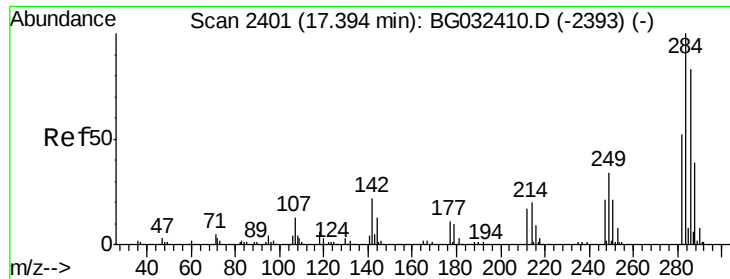


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

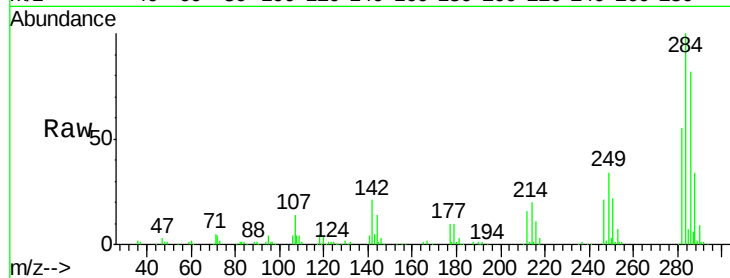




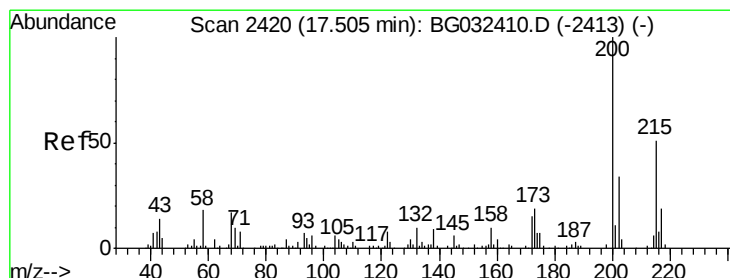
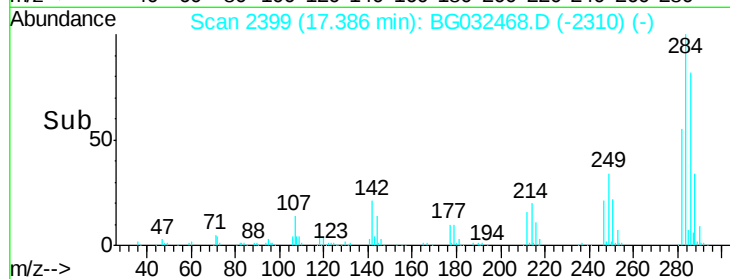
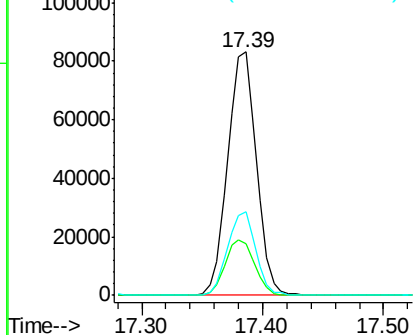
#67
 Hexachlorobenzene
 Concen: 36.790 ng
 RT: 17.39 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Instrument :
 BNA_G
 ClientSampled :
 PB106216BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	21.0	26.8	40.2#
249	34.3	26.3	39.5

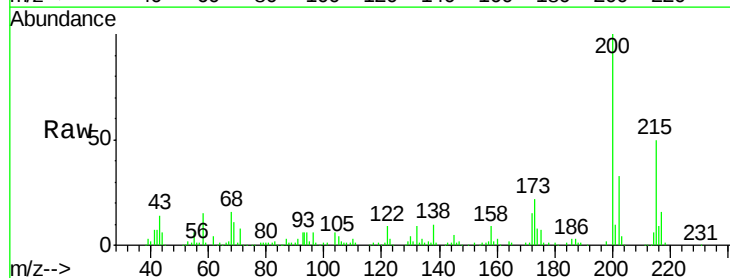


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

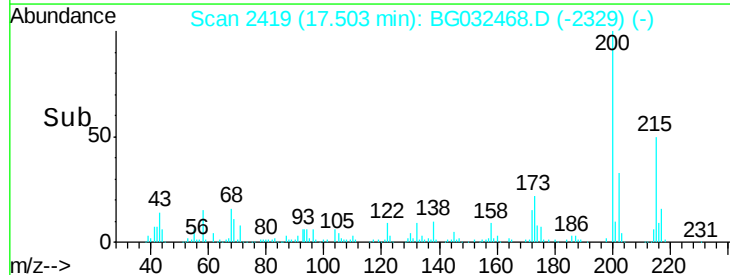
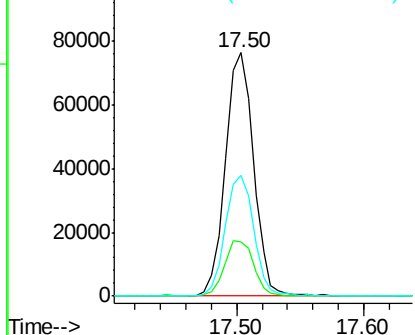


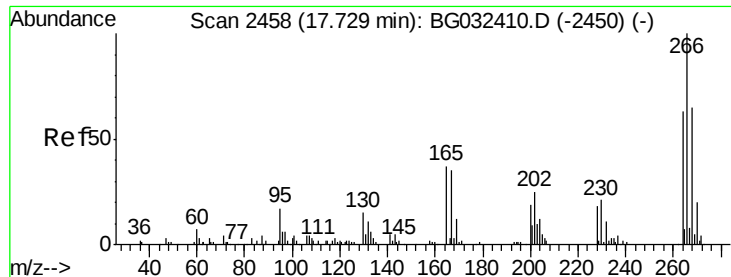
#68
 Atrazine
 Concen: 40.131 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.3	5.2	45.2
215	49.8	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

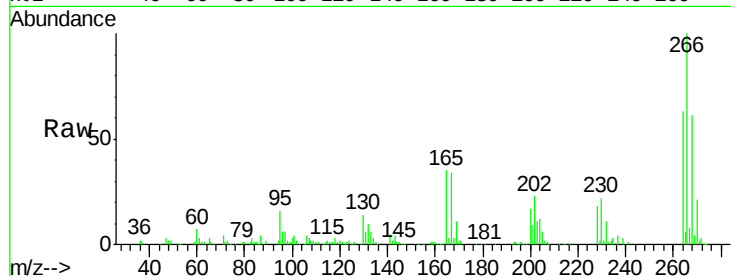




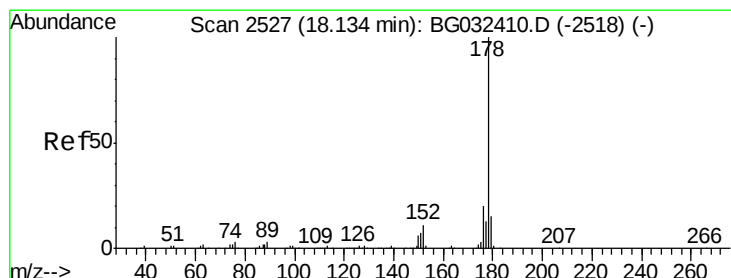
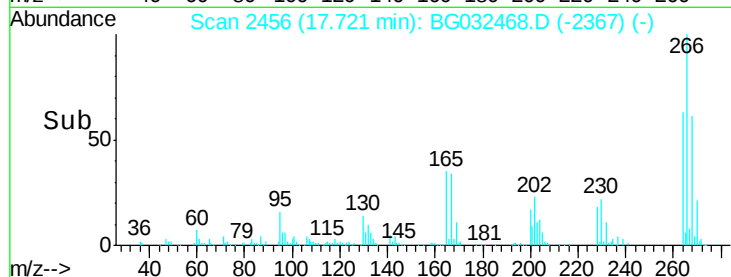
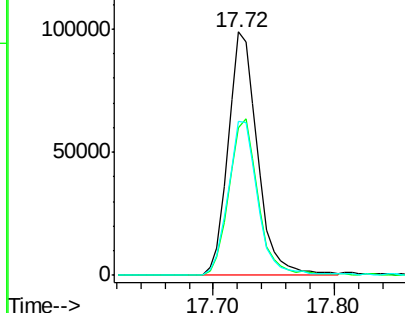
#69
 Pentachlorophenol
 Concen: 71.483 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

Tot Ion:266 Resp: 167441
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 63.4 49.6 74.4

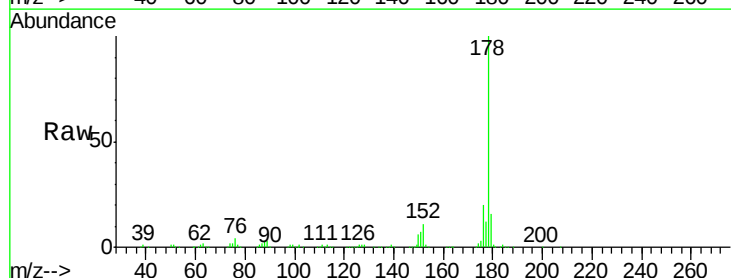


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

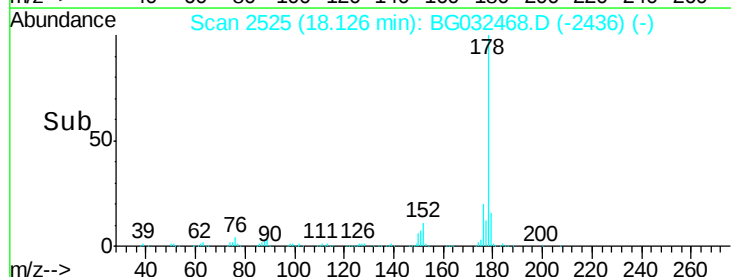
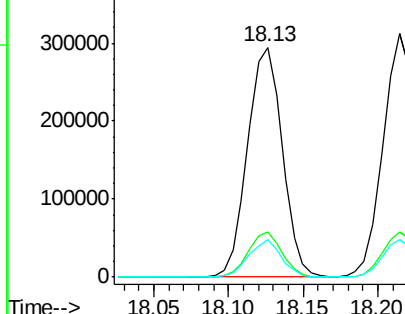


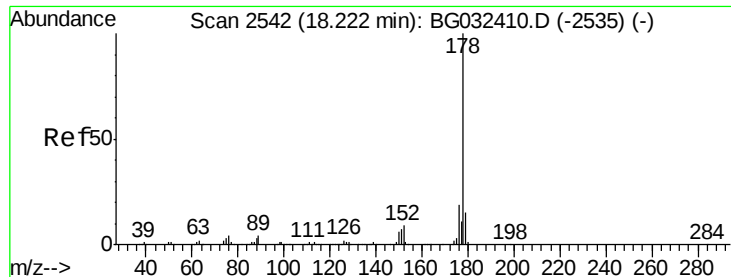
#70
 Phenanthrene
 Concen: 37.359 ng
 RT: 18.13 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion:178 Resp: 475158
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 16.1 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

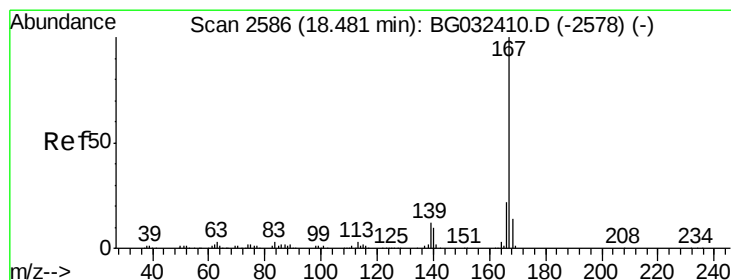
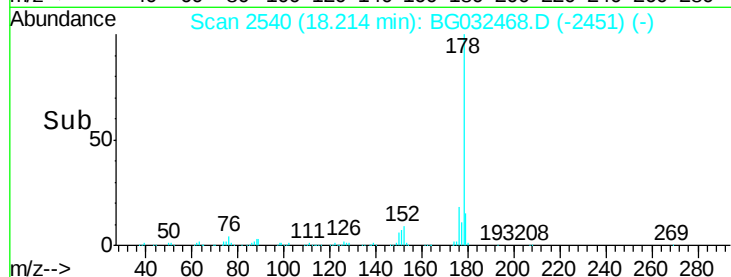
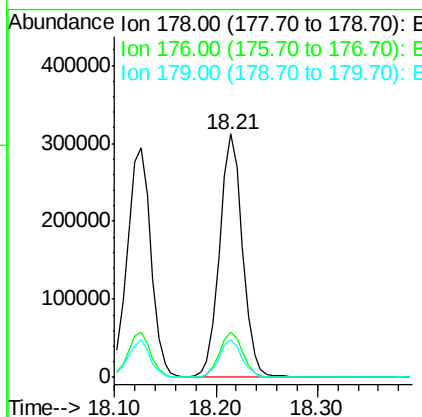
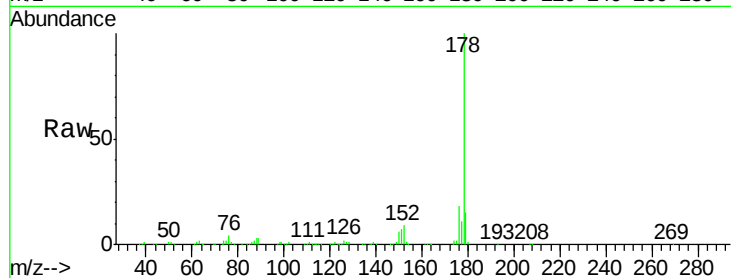




#71
 Anthracene
 Concen: 38.571 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

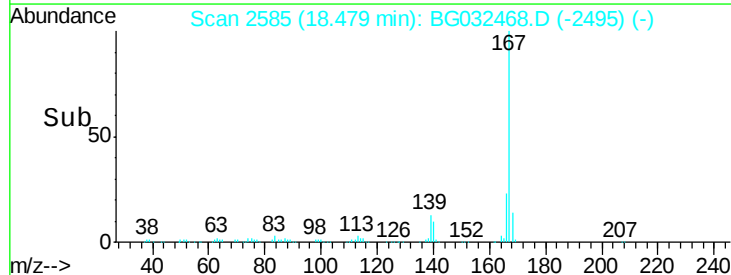
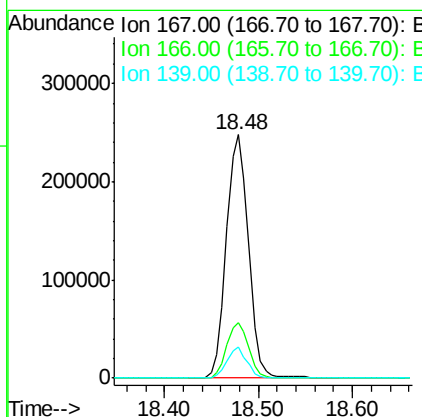
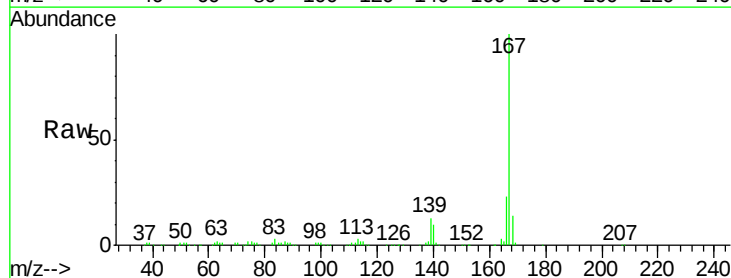
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

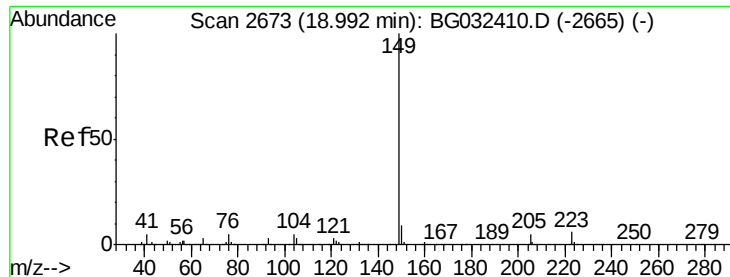
Tot Ion:178 Resp: 488467
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.0 24.0
 179 15.3 12.5 18.7



#72
 Carbazole
 Concen: 36.196 ng
 RT: 18.48 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion:167 Resp: 405011
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 12.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.970 ng

RT: 18.98 min Scan# 2671

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

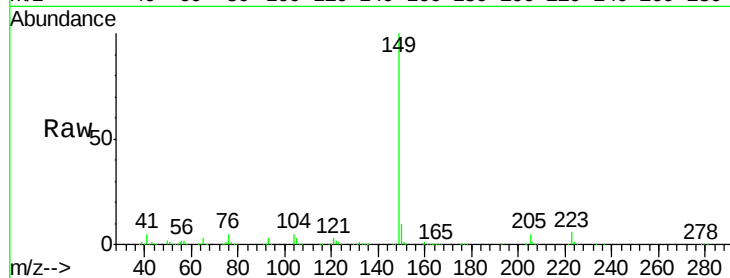
Tot Ion:149 Resp: 470393

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

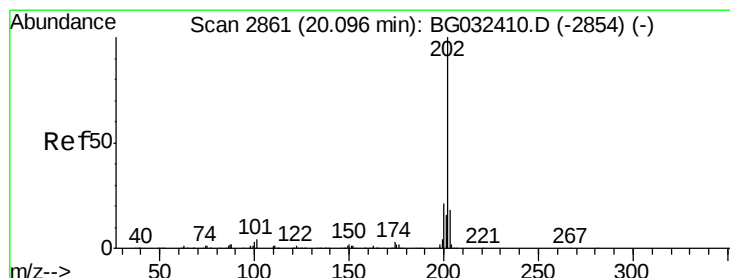
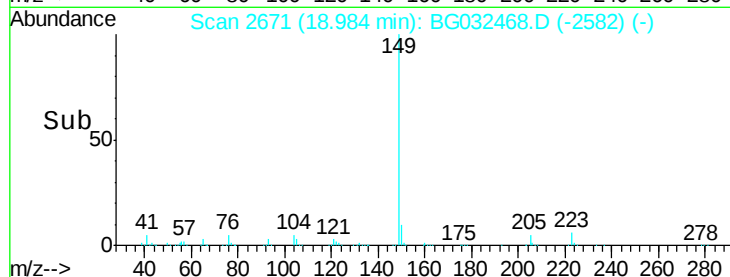
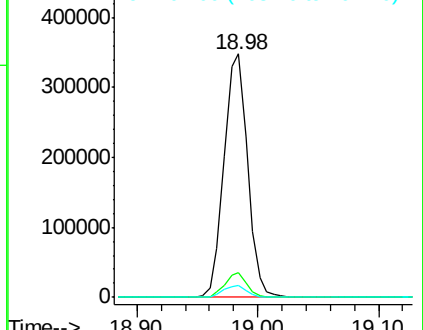
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.439 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

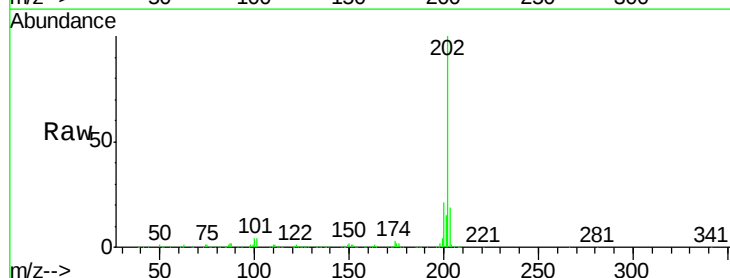
Tgt Ion:202 Resp: 624476

Ion Ratio Lower Upper

202 100

101 4.2 0.0 28.9

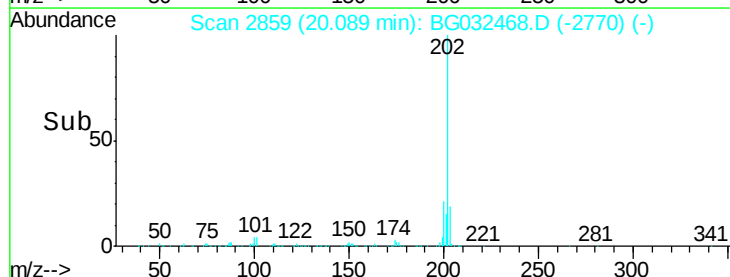
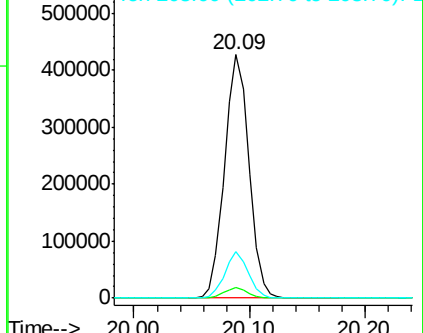
203 19.0 0.0 37.5

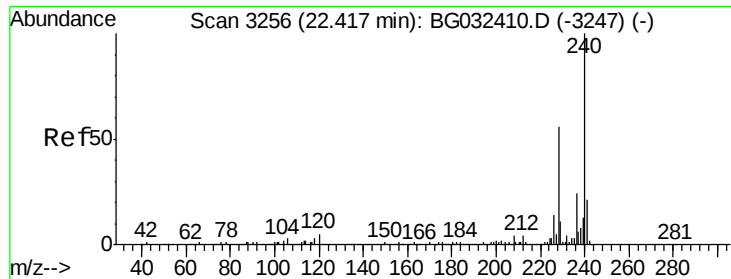


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

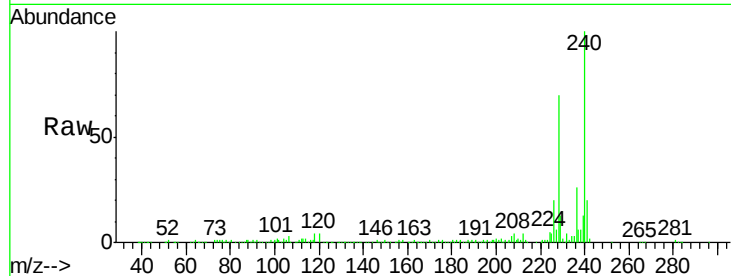
Tot Ion:240 Resp: 281911

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

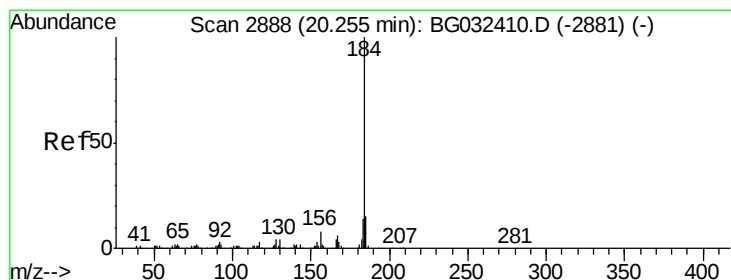
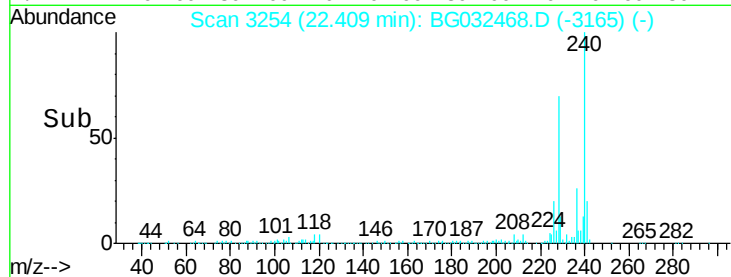
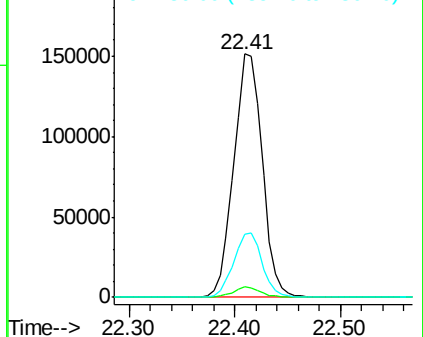
236 25.9 20.9 31.3



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: 33.520 ng

RT: 20.25 min Scan# 2887

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

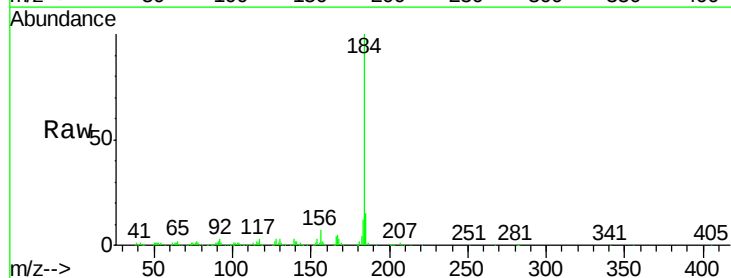
Tgt Ion:184 Resp: 185552

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

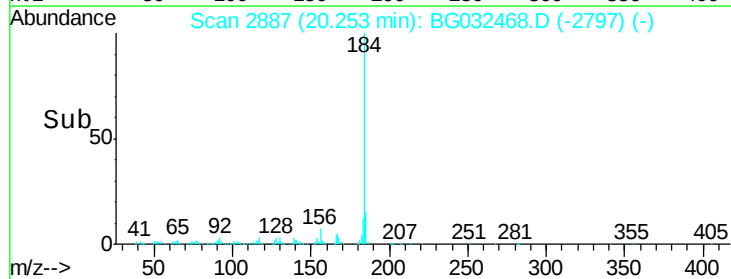
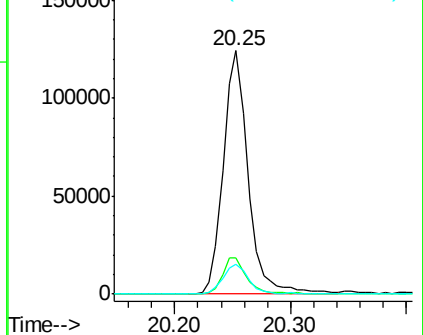
183 12.1 10.6 16.0

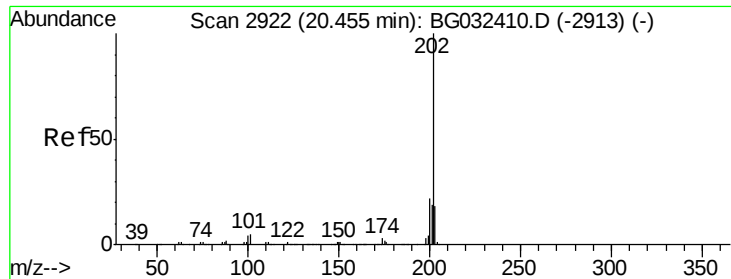


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.209 ng

RT: 20.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

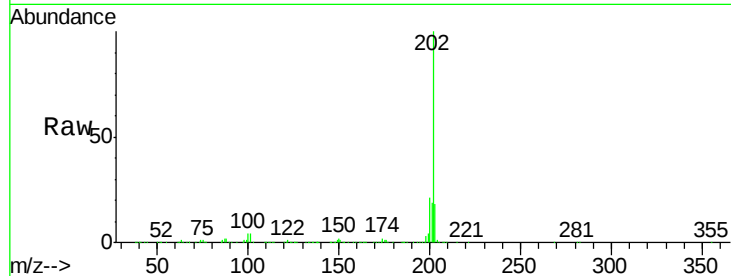
Tot Ion:202 Resp: 626088

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

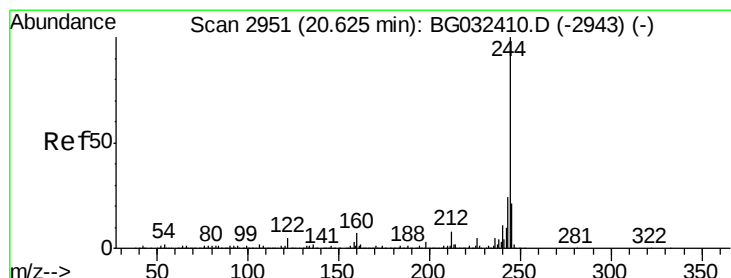
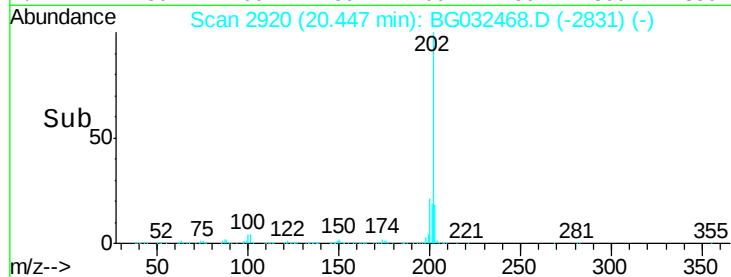
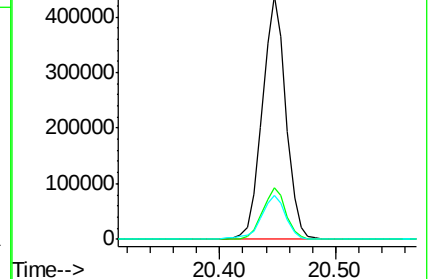
203 18.0 13.9 20.9



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: 77.593 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

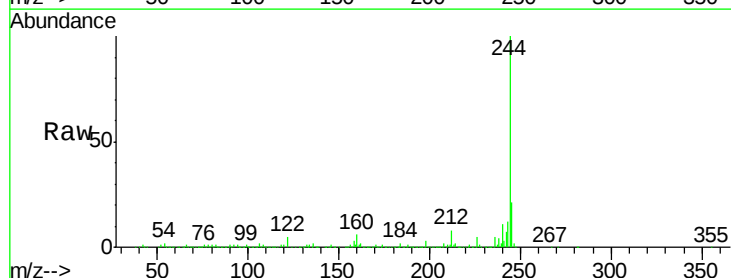
Tgt Ion:244 Resp: 1021166

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

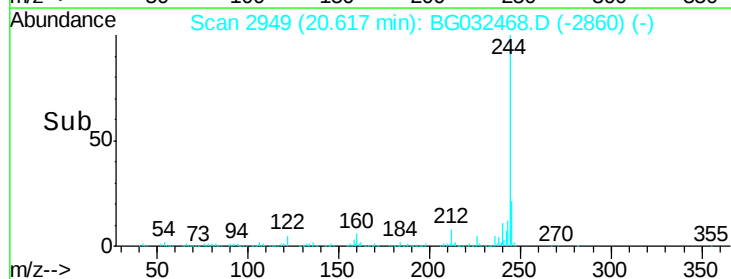
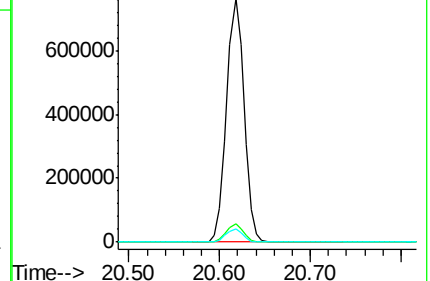
122 5.3 7.0 10.4#

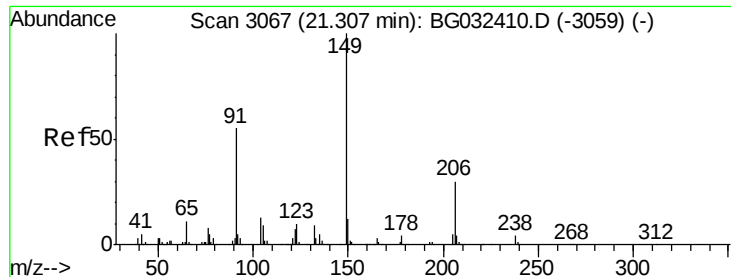


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

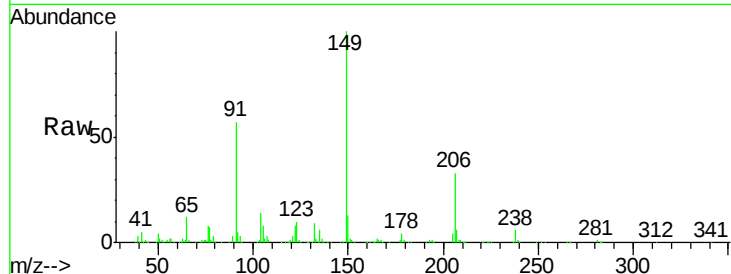




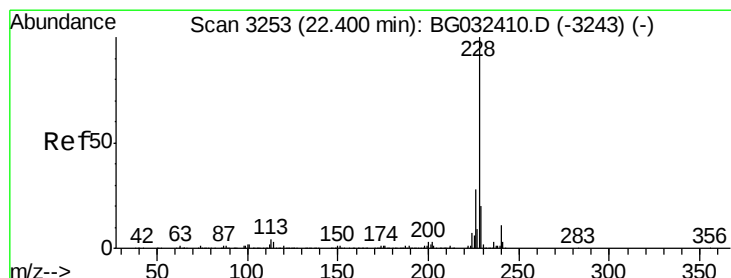
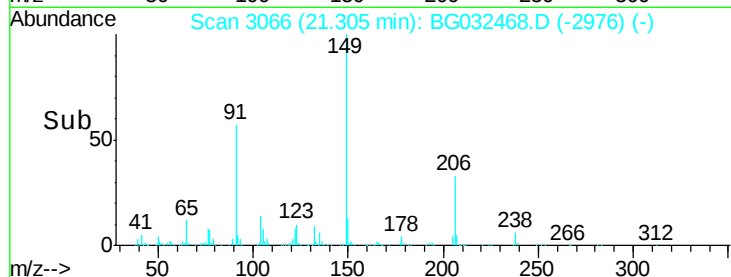
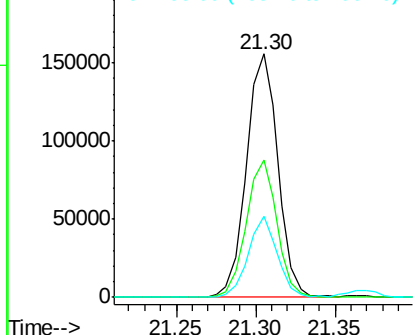
#79
Butylbenzylphthalate
Concen: 39.305 ng
RT: 21.30 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Instrument :
BNA_G
ClientSampleId :
PB106216BS

Tot Ion:149 Resp: 214367
Ion Ratio Lower Upper
149 100
91 56.5 62.2 93.2#
206 33.2 18.6 27.8#

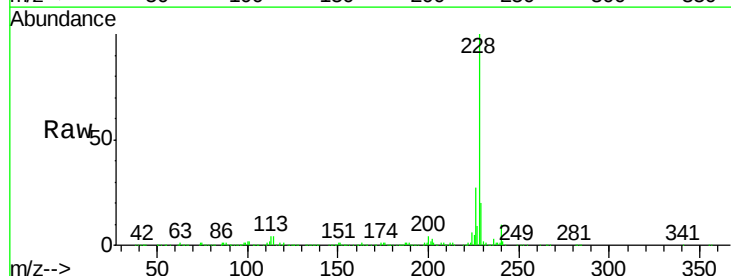


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

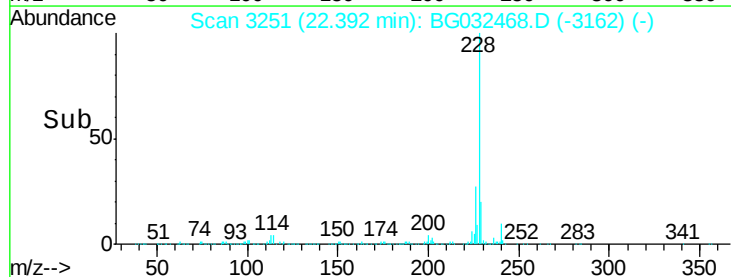
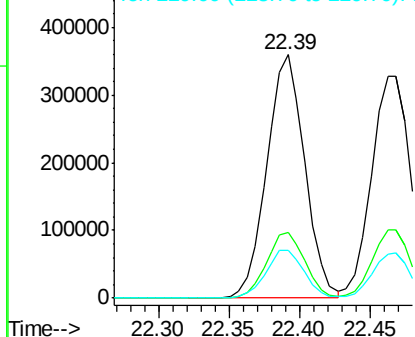


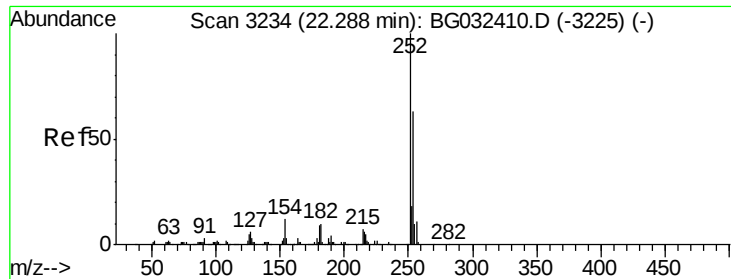
#80
Benzo(a)anthracene
Concen: 38.594 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:228 Resp: 674514
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 19.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

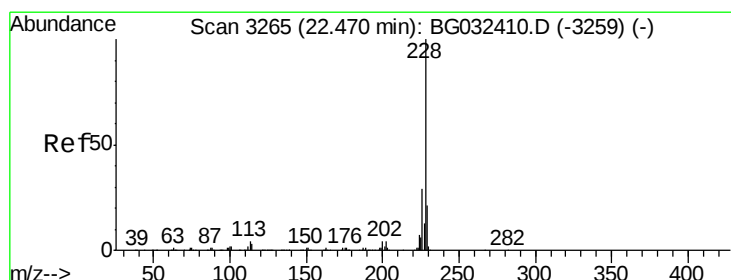
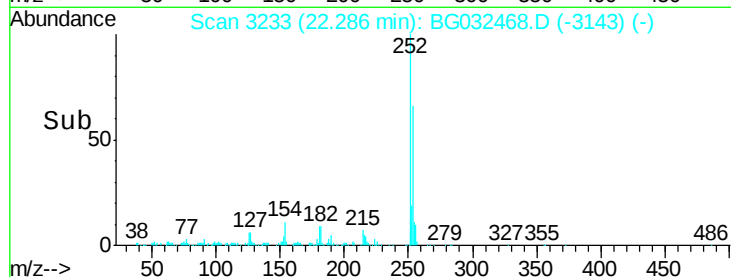
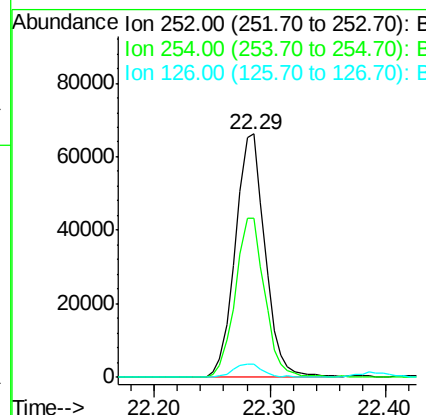
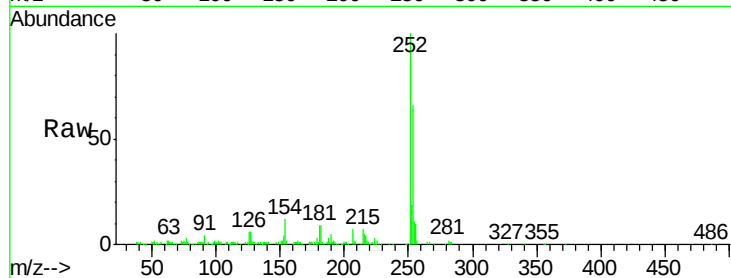




#81
 3,3'-Dichlorobenzidine
 Concen: 17.477 ng
 RT: 22.29 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

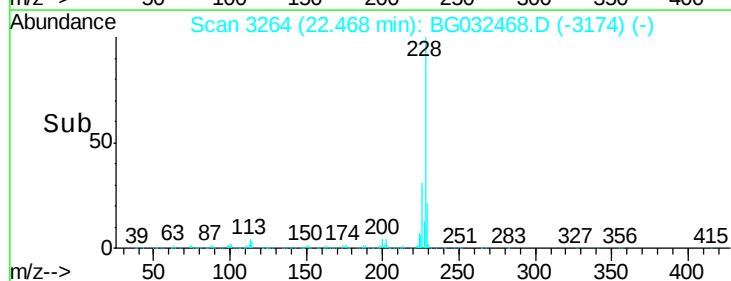
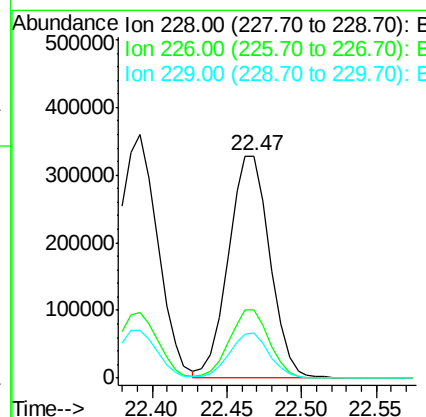
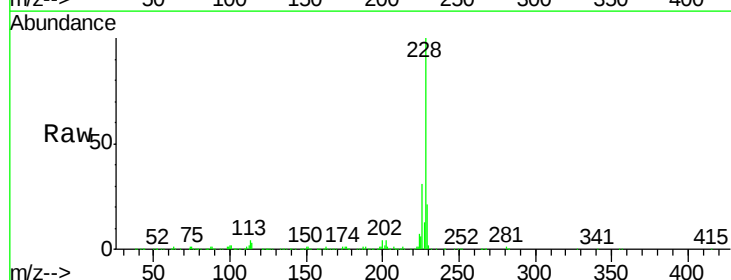
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

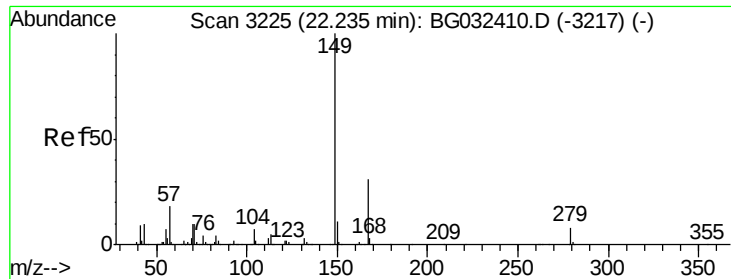
Tot Ion:252 Resp: 118339
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.8 76.2
 126 5.6 7.4 11.2#



#82
 Chrysene
 Concen: 37.372 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. -0.00 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion:228 Resp: 630768
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.6 15.0 22.4

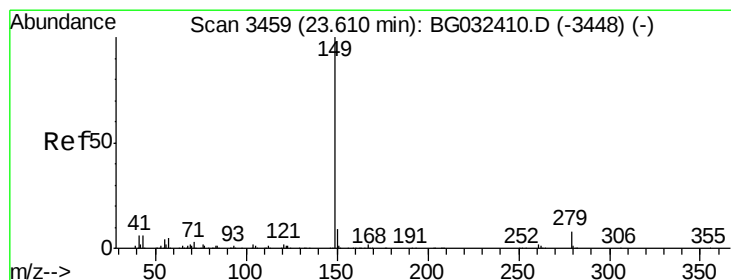
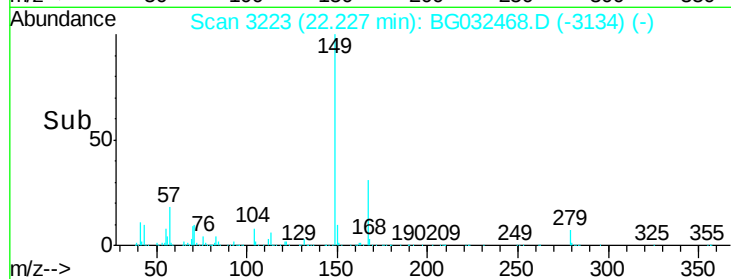
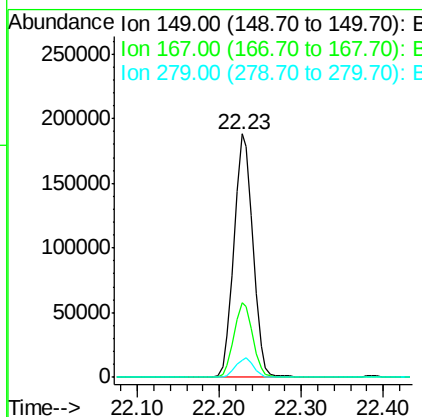
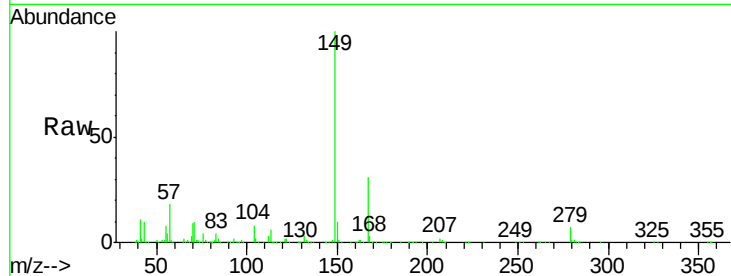




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.311 ng
 RT: 22.23 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

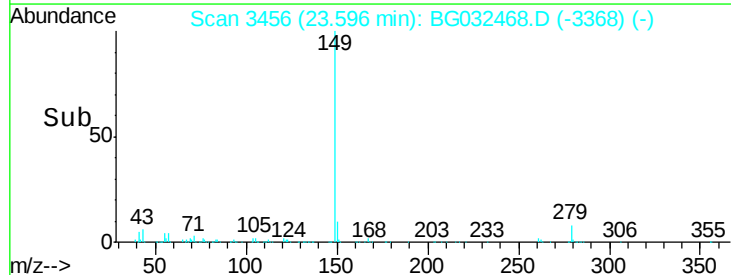
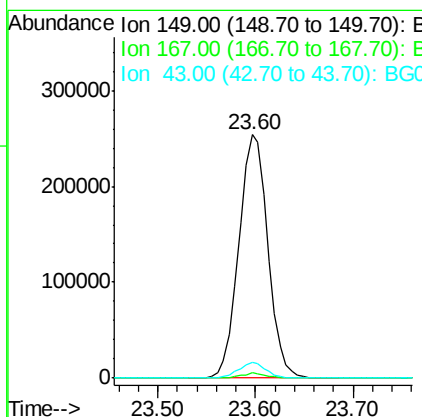
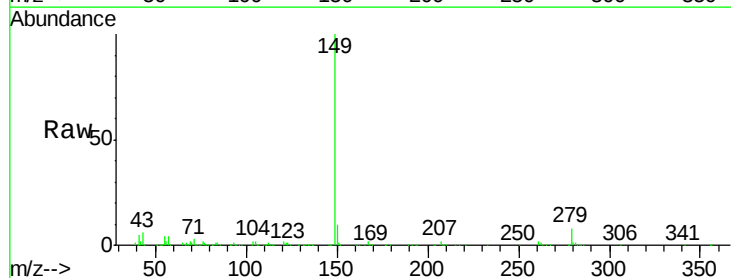
Instrument :
 BNA_G
 ClientSampleId :
 PB106216BS

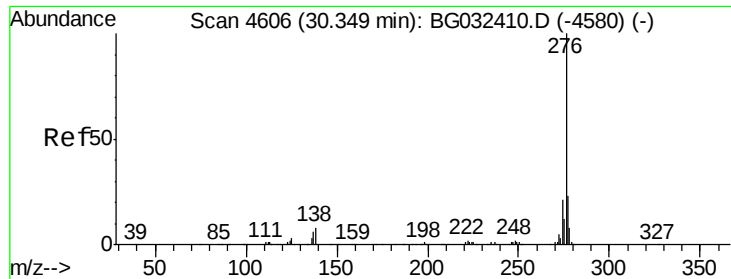
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	7.1	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 42.933 ng
 RT: 23.60 min Scan# 3456
 Delta R.T. -0.01 min
 Lab File: BG032468.D
 Acq: 31 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.0	8.9	13.3

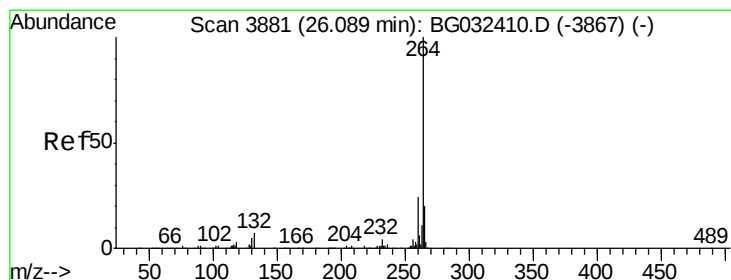
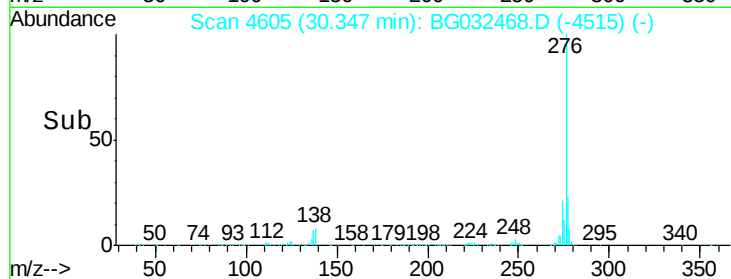
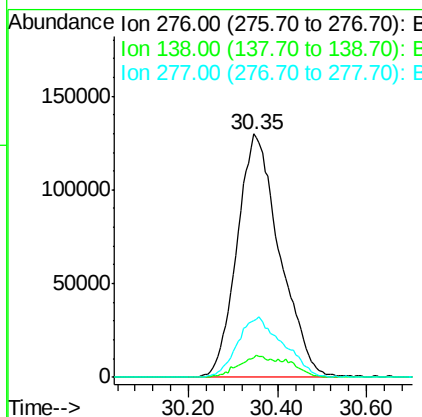
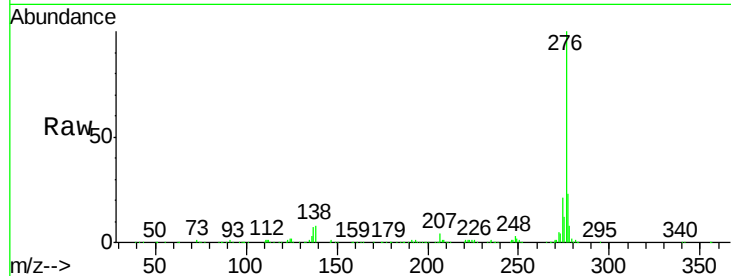




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.239 ng
RT: 30.35 min Scan# 4605
Delta R.T. -0.00 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

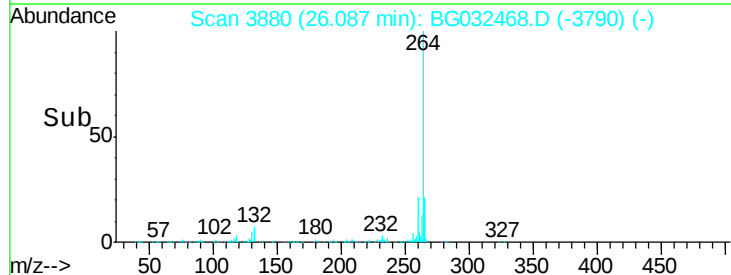
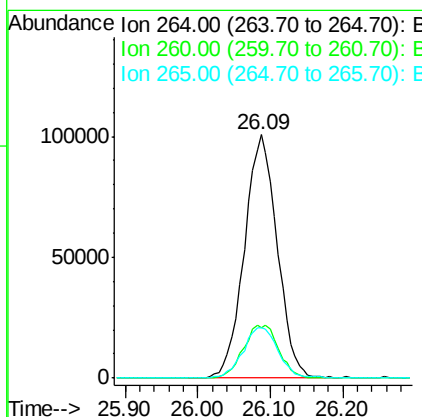
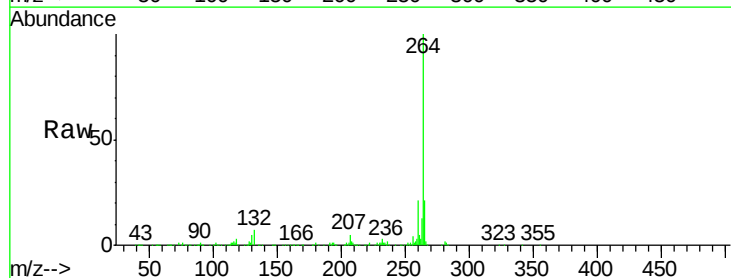
Instrument :
BNA_G
ClientSampleId :
PB106216BS

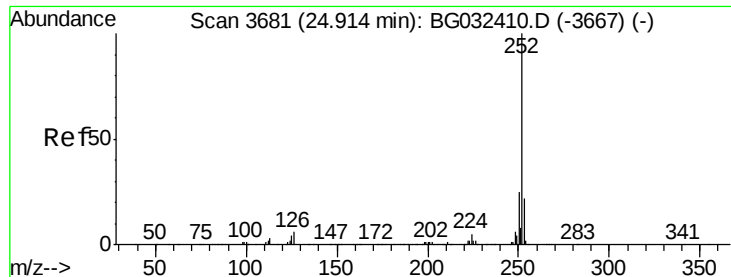
Tot Ion	Ratio	Lower	Upper
276	100		
138	6.9	16.0	24.0#
277	26.6	20.0	30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.8	17.4	26.0
265	20.9	17.7	26.5

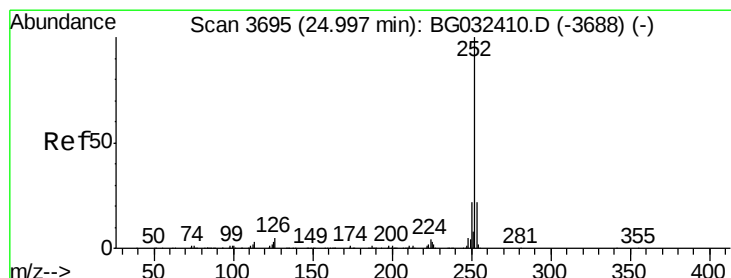
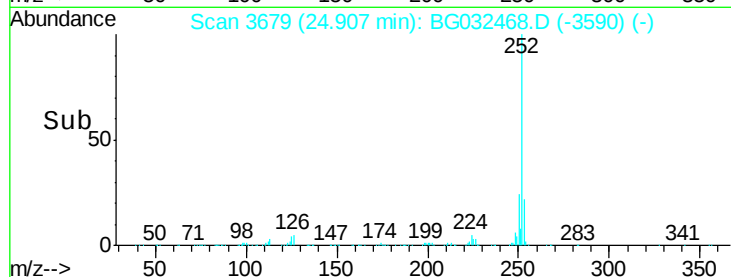
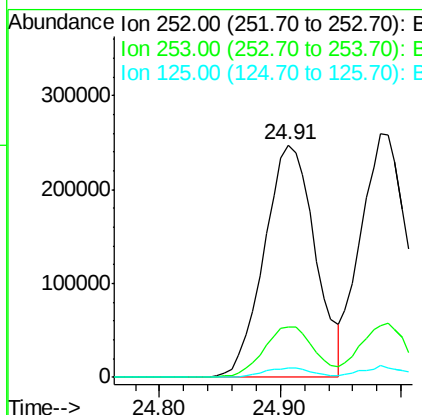
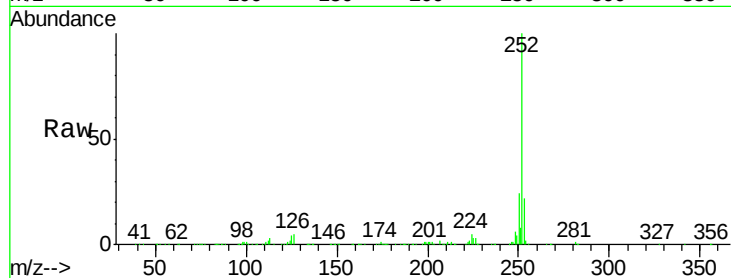




#87
Benzo(b)fluoranthene
Concen: 37.777 ng
RT: 24.91 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

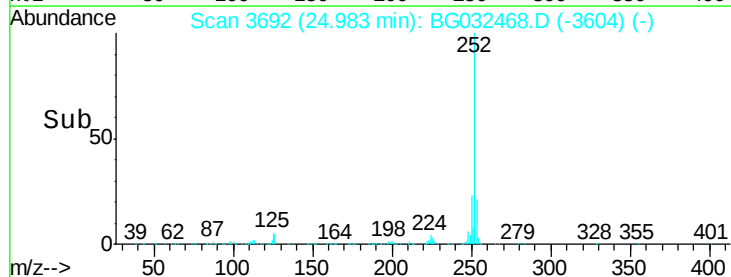
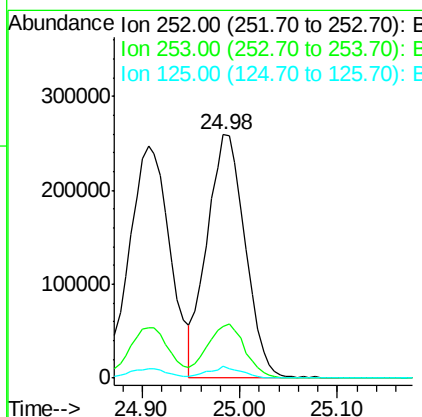
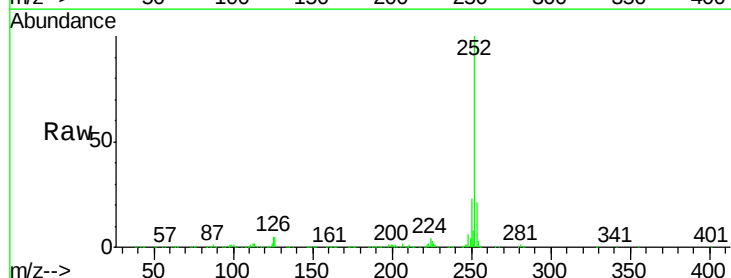
Instrument :
BNA_G
ClientSampleId :
PB106216BS

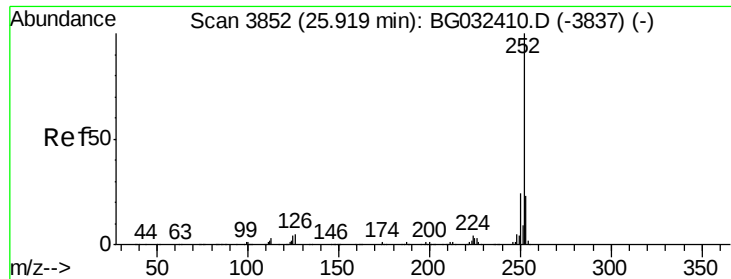
Tot Ion:252 Resp: 722224
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 4.0 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 36.938 ng
RT: 24.98 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG032468.D
Acq: 31 Jan 2018 16:44

Tgt Ion:252 Resp: 699558
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 4.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 38.482 ng

RT: 25.92 min Scan# 3851

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampled :

PB106216BS

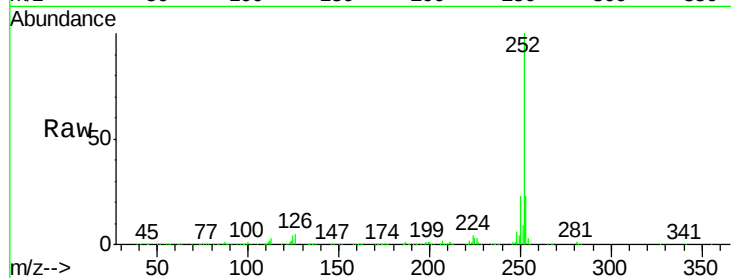
Tot Ion:252 Resp: 701374

Ion Ratio Lower Upper

252 100

253 23.3 18.3 27.5

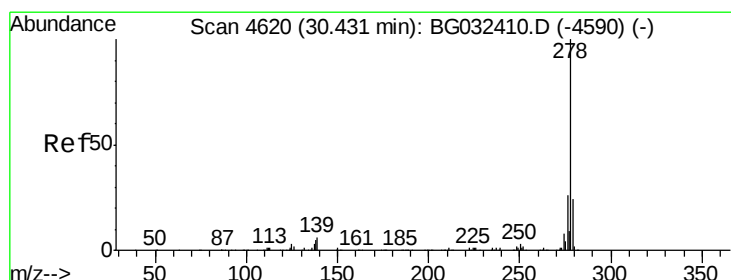
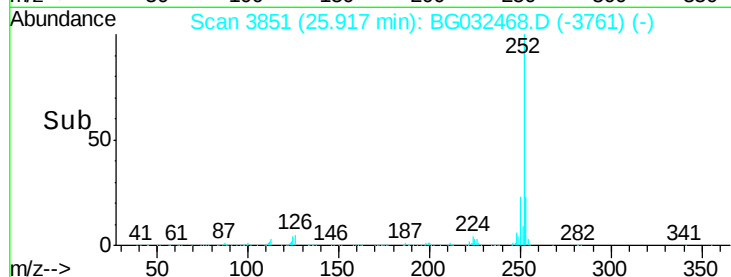
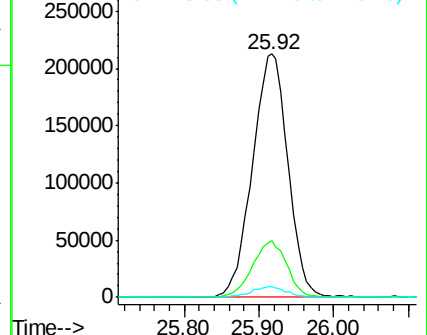
125 4.4 7.3 10.9#



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: 38.202 ng

RT: 30.42 min Scan# 4618

Delta R.T. -0.01 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

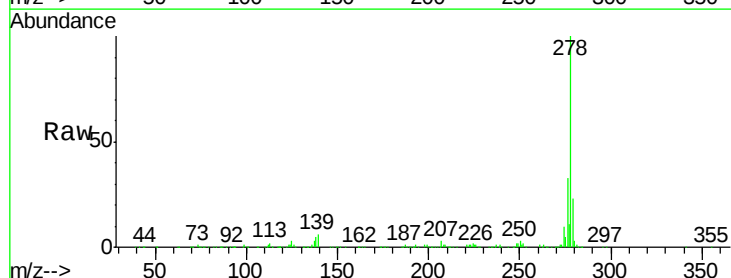
Tgt Ion:278 Resp: 712263

Ion Ratio Lower Upper

278 100

139 6.3 9.8 14.6#

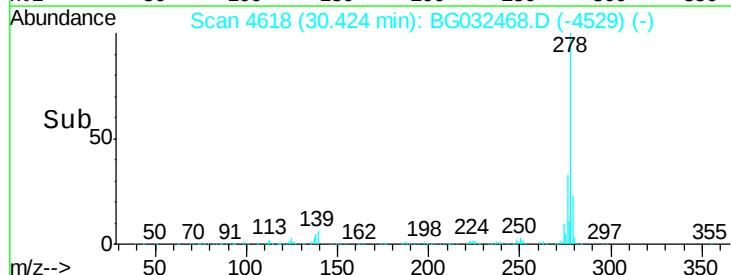
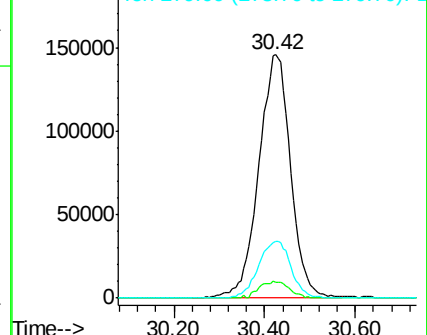
279 23.5 18.4 27.6

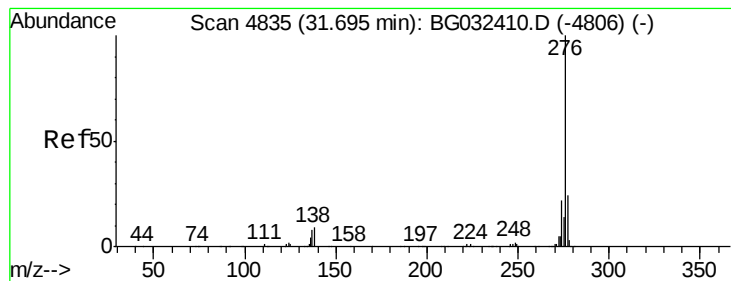


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.599 ng

RT: 31.69 min Scan# 4834

Delta R.T. -0.00 min

Lab File: BG032468.D

Acq: 31 Jan 2018 16:44

Instrument :

BNA_G

ClientSampleId :

PB106216BS

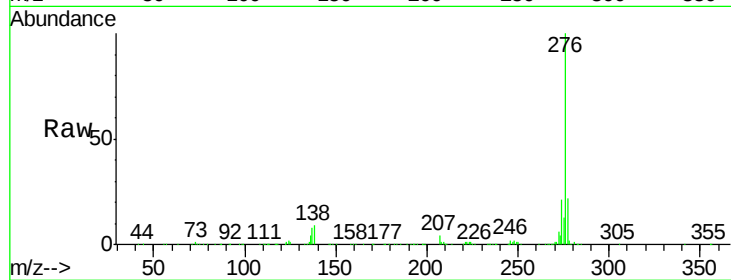
Tot Ion:276 Resp: 714340

Ion Ratio Lower Upper

276 100

277 22.1 18.3 27.5

138 9.3 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

