

Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032581.D
 Acq On : 7 Feb 2018 3:04
 Operator : SJ/JU
 Sample : J1458-01MS
 Misc : MDL-W-8 ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 07 04:14:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	17406	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	76589	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	52115	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	154655	20.00	ng	0.00
75) Chrysene-d12	22.40	240	191563	20.00	ng	0.00
86) Perylene-d12	26.07	264	222030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	120201	138.71	ng	0.00
7) Phenol-d6	7.83	99	154448	133.56	ng	0.00
23) Nitrobenzene-d5	9.90	82	86525	70.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	144910	146.08	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	277680	63.33	ng	0.00
78) Terphenyl-d14	20.61	244	719834	80.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	11458	39.298	ng	# 69
3) Pyridine	4.25	79	28477	36.171	ng	# 81
4) n-Nitrosodimethylamine	4.16	42	17680	43.140	ng	# 75
6) Aniline	8.01	93	34093	23.646	ng	99
8) 2-Chlorophenol	8.26	128	43226	42.198	ng	# 82
9) Benzaldehyde	7.81	77	11930	19.974	ng	# 54
10) Phenol	7.85	94	56818	51.739	ng	93
11) bis(2-Chloroethyl)ether	8.09	93	36394	43.495	ng	83
12) 1,3-Dichlorobenzene	8.74	146	52647	38.004	ng	93
13) 1,4-Dichlorobenzene	8.74	146	52647	37.917	ng	89
14) 1,2-Dichlorobenzene	9.08	146	59326	43.616	ng	97
15) Benzyl Alcohol	8.95	79	39277	41.212	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.23	45	33191	41.861	ng	62
17) 2-Methylphenol	9.15	107	40302	45.186	ng	98
18) Hexachloroethane	9.83	117	21456	46.025	ng	# 82
19) n-Nitroso-di-n-propylamine	9.52	70	32118	41.889	ng	# 93
20) 3+4-Methylphenols	9.48	107	55072	44.019	ng	97
22) Acetophenone	9.55	105	73795	41.104	ng	# 89
24) Nitrobenzene	9.95	77	41791	35.246	ng	# 84
25) Isophorone	10.47	82	74920	35.883	ng	# 81
26) 2-Nitrophenol	10.47	139	1835	2.560	ng	90
27) 2,4-Dimethylphenol	10.71	122	46630	45.326	ng	# 90
28) bis(2-Chloroethoxy)methane	10.96	93	53233	46.495	ng	# 97
29) 2,4-Dichlorophenol	11.23	162	57928	42.505	ng	86
30) 1,2,4-Trichlorobenzene	11.44	180	72758	40.056	ng	94
31) Naphthalene	11.64	128	159476	42.633	ng	98
32) Benzoic acid	10.71	122	46630	58.823	ng	# 7
33) 4-Chloroaniline	11.74	127	39212	23.503	ng	95
34) Hexachlorobutadiene	11.90	225	50422	35.679	ng	93
35) Caprolactam	12.47	113	15818	40.431	ng	# 44
36) 4-Chloro-3-methylphenol	12.81	107	45655	35.317	ng	91
37) 2-Methylnaphthalene	13.20	142	134356	42.753	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	72891	29.897	ng	96
40) Hexachlorocyclopentadiene	13.53	237	96244	63.180	ng	87

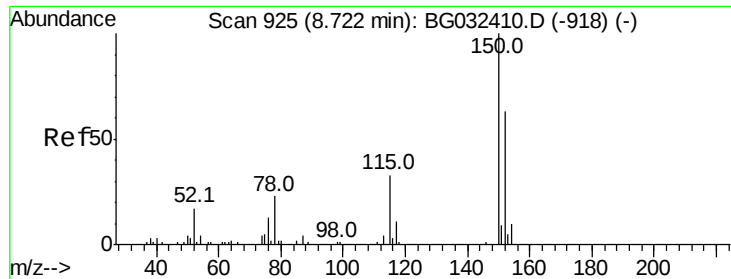
Data Path : U:\HPCHEM1\BNA G\DATA\BG020618\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	44017	33.191	nq	94
43) 2,4,5-Trichlorophenol	13.86	196	52242	33.793	nq	# 89
45) 1,1'-Biphenyl	14.18	154	146154	33.195	nq	91
46) 2-Chloronaphthalene	14.23	162	112613	32.632	nq	99
47) 2-Nitroaniline	14.43	65	24478	32.075	nq	# 65
48) Acenaphthylene	15.07	152	177711	34.064	nq	99
49) Dimethylphthalate	14.77	163	173552	36.117	nq	99
50) 2,6-Dinitrotoluene	14.90	165	35768	35.464	nq	# 70
51) Acenaphthene	15.40	154	138144	38.181	nq	100
52) 3-Nitroaniline	15.24	138	25068	28.456	nq	# 68
53) 2,4-Dinitrophenol	15.44	184	9571	18.527	nq	# 75
54) Dibenzofuran	15.74	168	227312	42.447	nq	97
55) 4-Nitrophenol	15.53	139	59899	90.823	nq	# 75
56) 2,4-Dinitrotoluene	15.68	165	60783	42.328	nq	# 67
57) Fluorene	16.38	166	183433	41.221	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	63945	41.938	nq	# 87
59) Diethylphthalate	16.11	149	193925	41.436	nq	97
60) 4-Chlorophenyl-phenylether	16.35	204	117851	41.998	nq	97
61) 4-Nitroaniline	16.40	138	39475	41.808	nq	84
62) Azobenzene	16.65	77	124163	44.394	nq	86
64) 4,6-Dinitro-2-methylphenol	16.44	198	33748	29.210	nq	# 72
65) n-Nitrosodiphenylamine	16.57	169	182540	39.550	nq	98
66) 4-Bromophenyl-phenylether	17.25	248	88898	38.800	nq	97
67) Hexachlorobenzene	17.38	284	96917	38.223	nq	# 90
68) Atrazine	17.49	200	84337	42.566	nq	96
69) Pentachlorophenol	17.72	266	110031	69.273	nq	97
70) Phenanthrene	18.12	178	327325	37.952	nq	98
71) Anthracene	18.21	178	264514	30.802	nq	98
72) Carbazole	18.47	167	293070	38.625	nq	98
73) Di-n-butylphthalate	18.98	149	326289	38.840	nq	99
74) Fluoranthene	20.08	202	435160	38.474	nq	95
76) Benzidine	20.24	184	121592	32.325	nq	98
77) Pyrene	20.44	202	422578	35.966	nq	98
79) Butylbenzylphthalate	21.30	149	150080	40.496	nq	# 75
80) Benzo(a)anthracene	22.38	228	449764	37.872	nq	100
81) 3,3'-Dichlorobenzidine	22.27	252	94253	20.484	nq	98
82) Chrysene	22.45	228	395995	34.528	nq	98
83) Bis(2-ethylhexyl)phthalate	22.22	149	214643	40.847	nq	# 97
84) Di-n-octyl phthalate	23.58	149	380322	45.631	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.32	276	631941	43.556	nq	# 85
87) Benzo(b)fluoranthene	24.89	252	496336	36.997	nq	# 95
88) Benzo(k)fluoranthene	24.97	252	490846	36.934	nq	# 95
89) Benzo(a)pyrene	25.89	252	495096	38.710	nq	# 96
90) Dibenzo(a,h)anthracene	30.39	278	537756	41.101	nq	# 94
91) Benzo(g,h,i)perylene	31.65	276	536625	41.321	nq	# 90

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

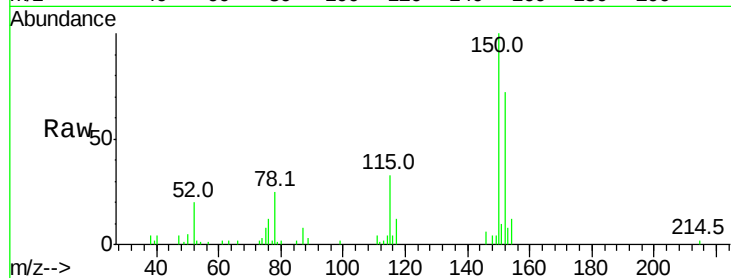


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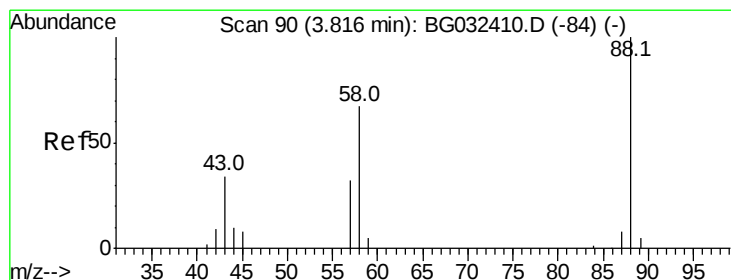
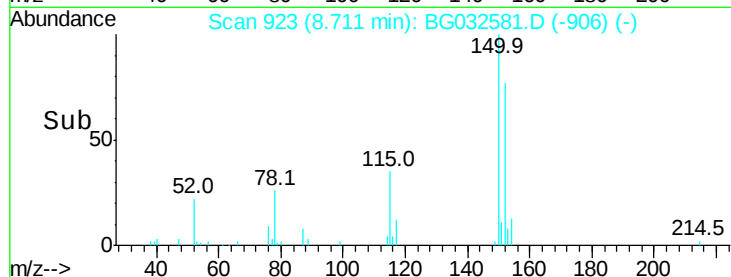
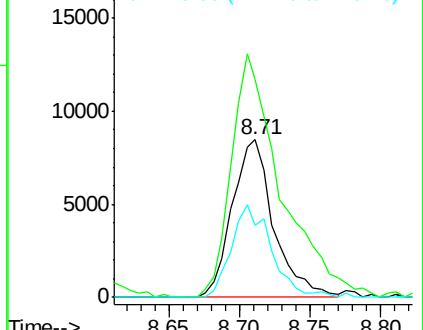
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 17406
Ion Ratio Lower Upper
152 100
150 138.3 126.6 189.8
115 45.8 53.0 79.4#



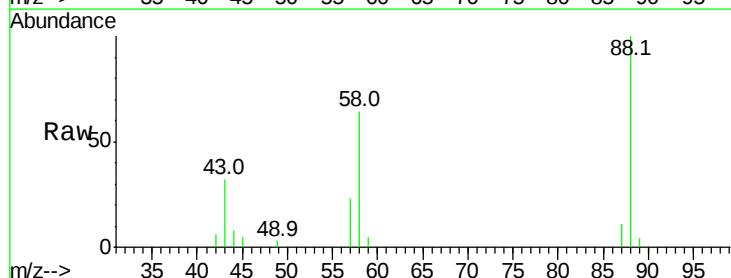
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



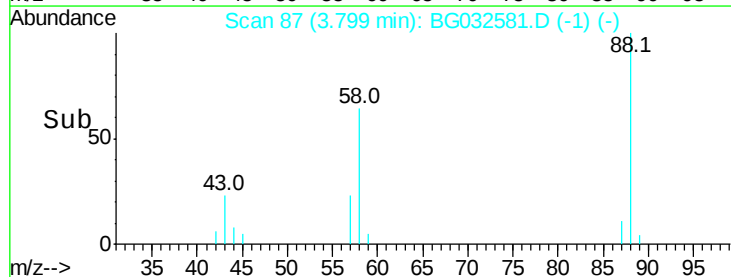
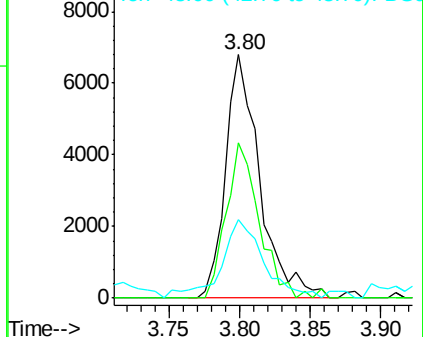
#2

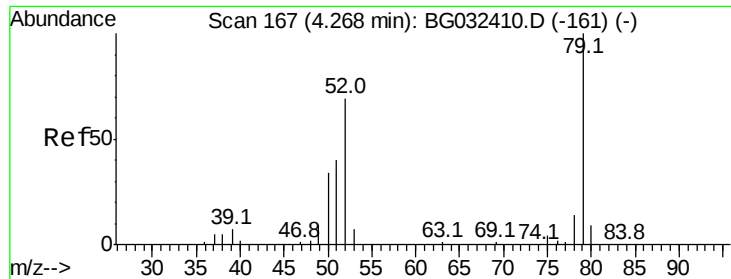
1,4-Dioxane
Concen: 39.298 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion: 88 Resp: 11458
Ion Ratio Lower Upper
88 100
58 61.4 79.6 119.4#
43 39.9 27.4 41.0



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





#3

Pvridine

Concen: 36.171 ng

RT: 4.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

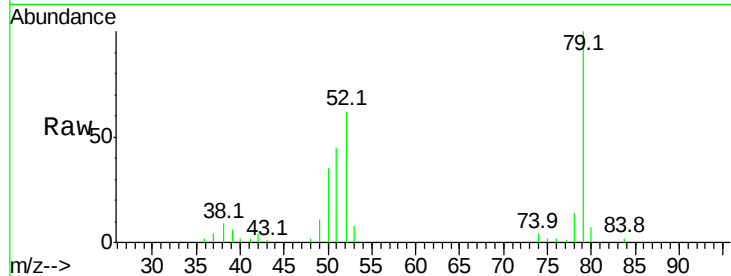
Tot Ion: 79 Resp: 28477

Ion Ratio Lower Upper

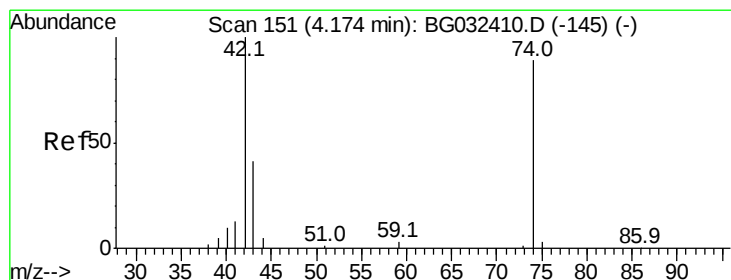
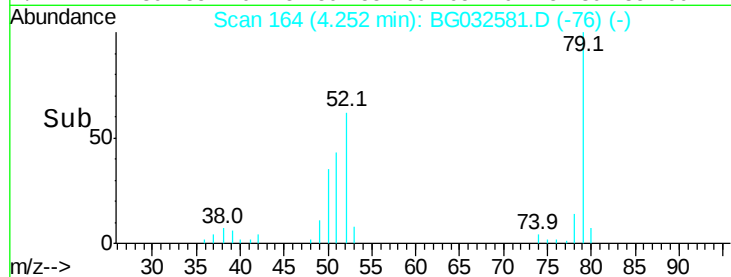
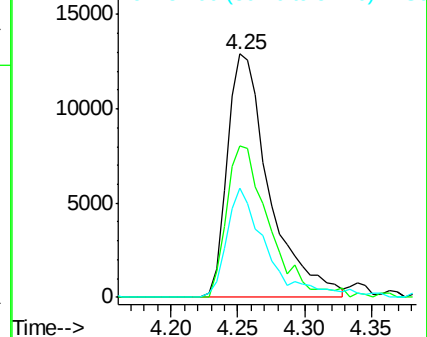
79 100

52 62.2 69.9 104.9#

51 44.8 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 43.140 ng

RT: 4.16 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

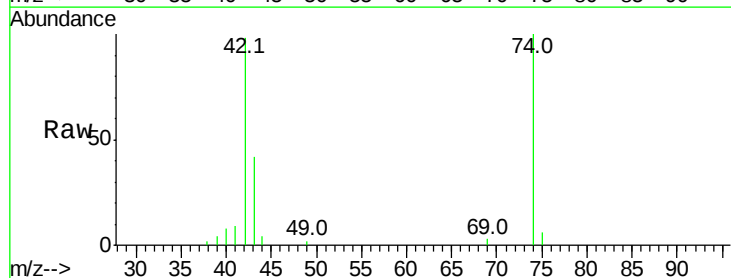
Tgt Ion: 42 Resp: 17680

Ion Ratio Lower Upper

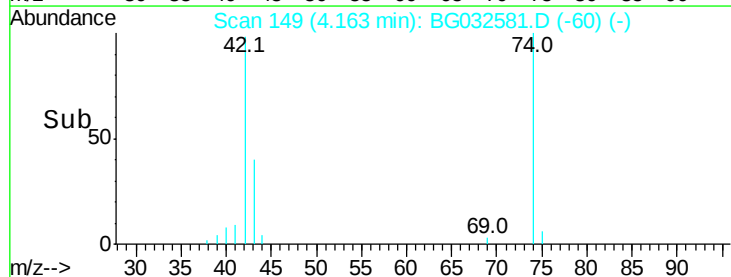
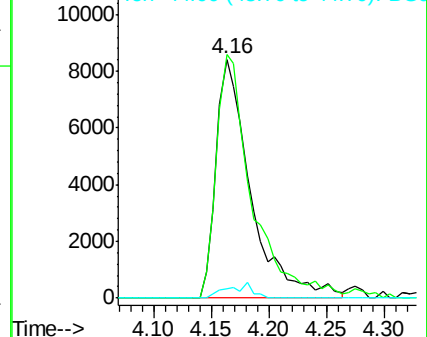
42 100

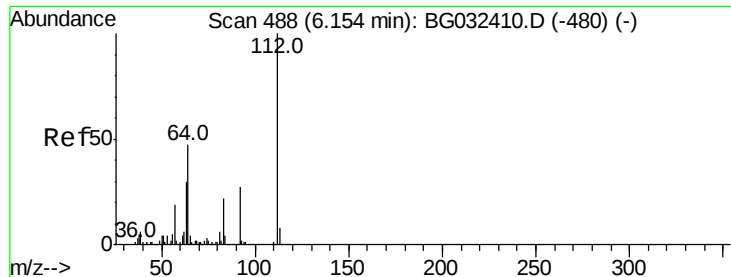
74 102.0 102.5 153.7#

44 4.2 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.705 ng

RT: 6.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG032581.D

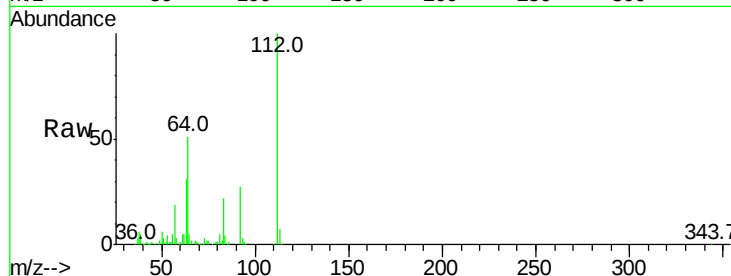
Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

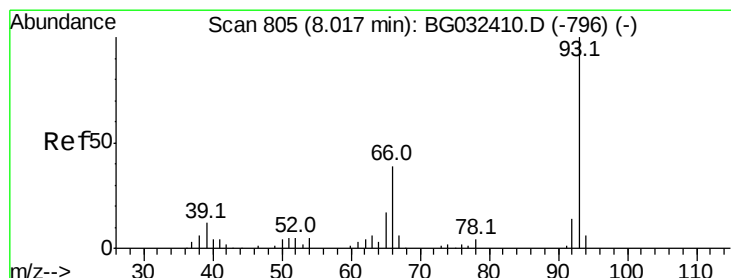
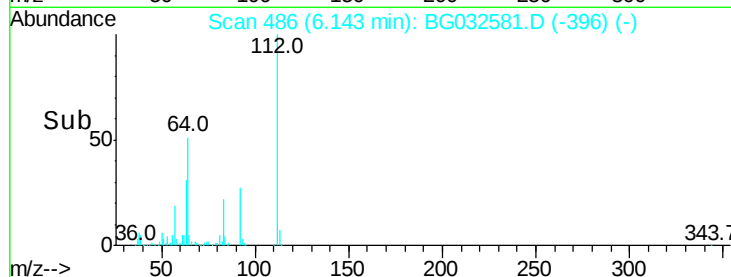
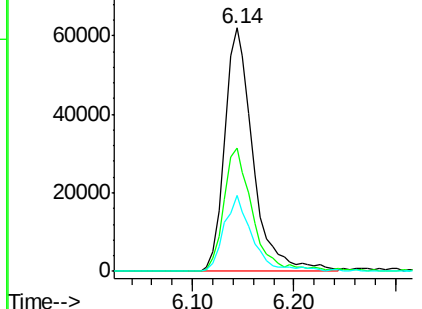
Tot Ion:	112	Resp:	120201
Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	31.3	30.1	45.1



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: 23.646 ng

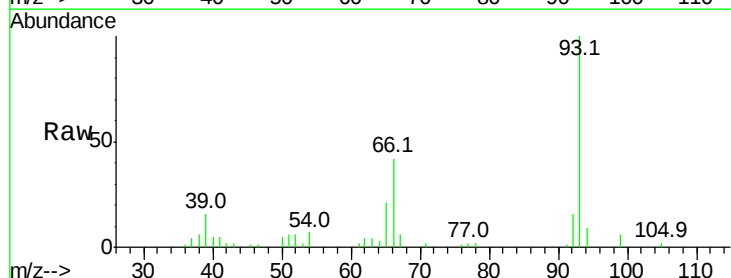
RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

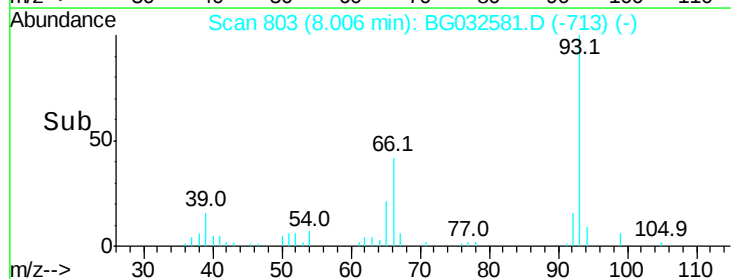
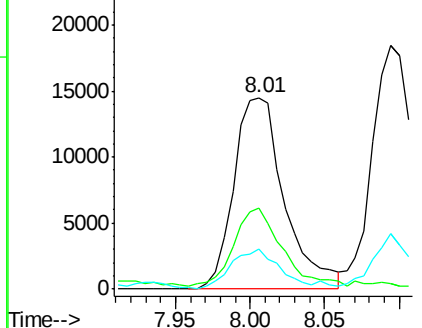
Tgt Ion:	93	Resp:	34093
Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.7	50.5
65	20.8	16.1	24.1

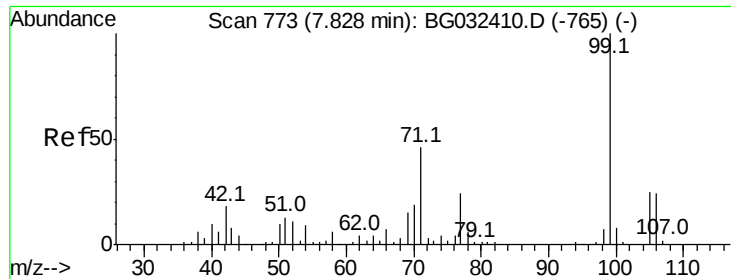


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.560 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampled :

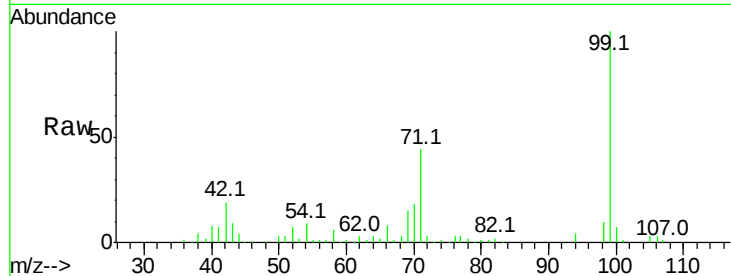
Tot Ion: 99 Resp: 154448

Ion Ratio Lower Upper

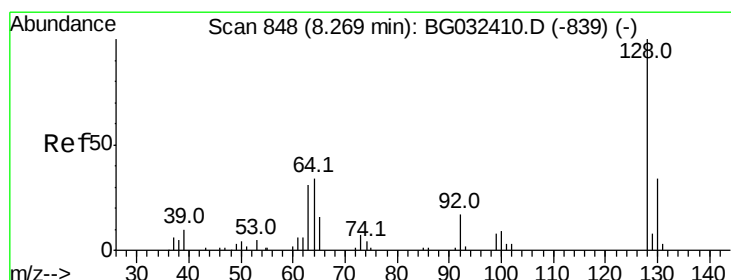
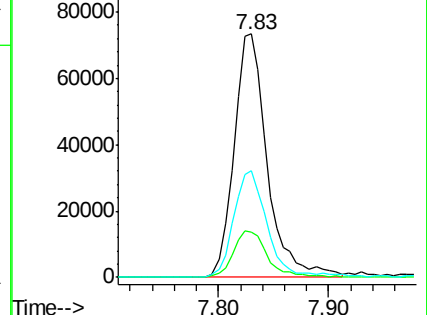
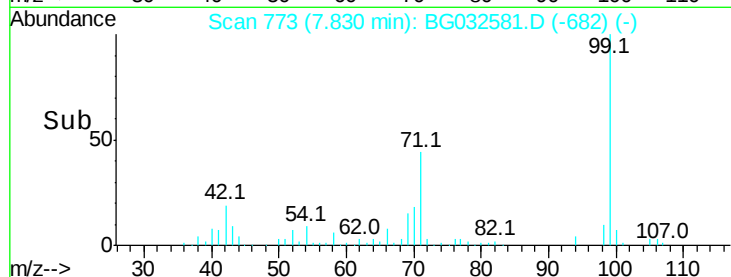
99 100

42 18.5 14.1 21.1

71 43.8 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 42.198 ng

RT: 8.26 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

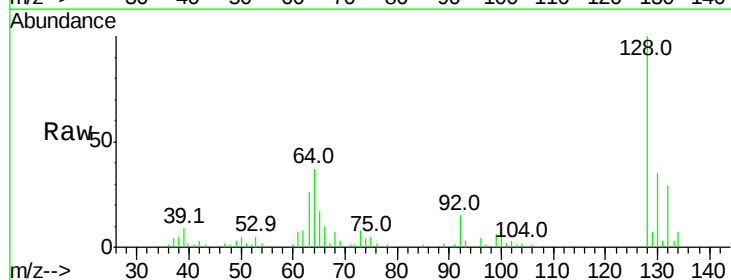
Tgt Ion:128 Resp: 43226

Ion Ratio Lower Upper

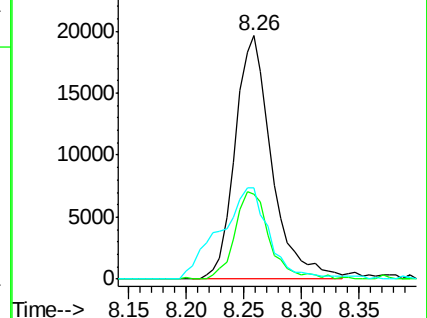
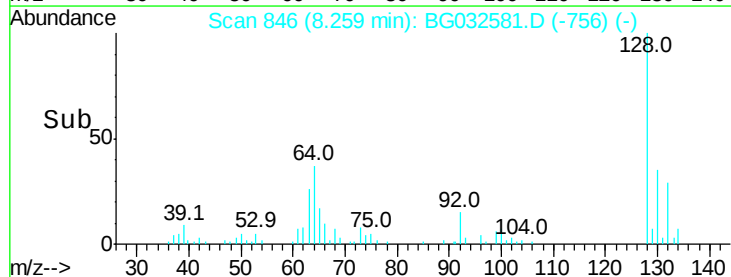
128 100

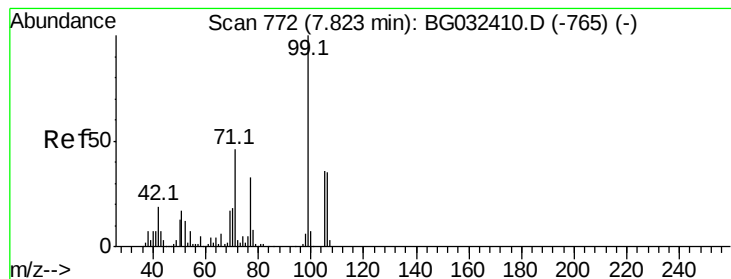
130 35.0 14.0 54.0

64 37.4 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: 19.974 ng

RT: 7.81 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

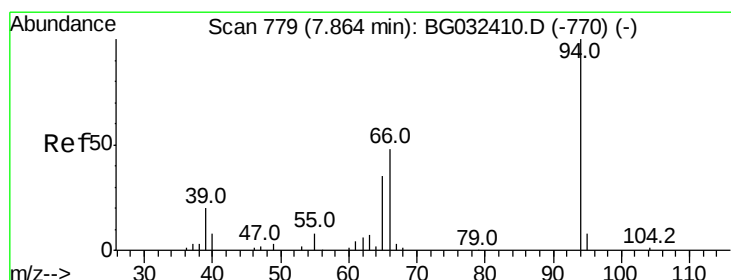
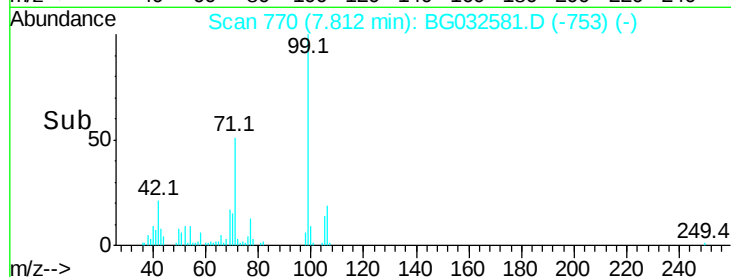
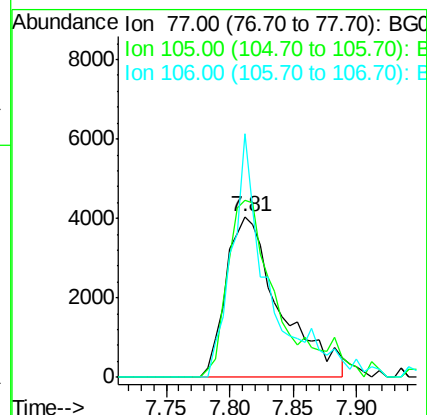
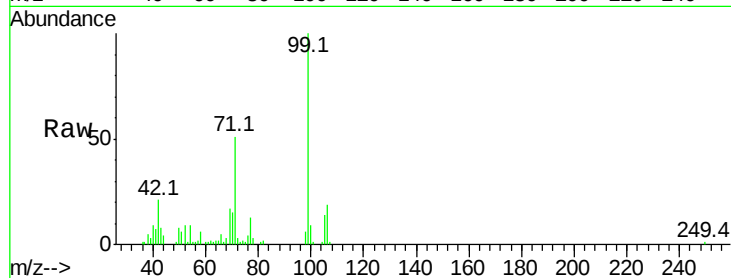
Tot Ion: 77 Resp: 11930

Ion Ratio Lower Upper

77 100

105 110.1 71.3 111.3

106 151.4 64.2 104.2#



#10

Phenol

Concen: 51.739 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

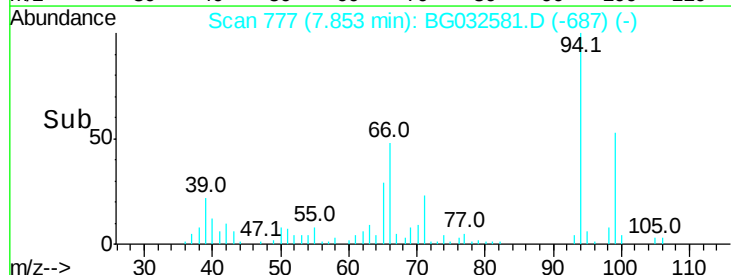
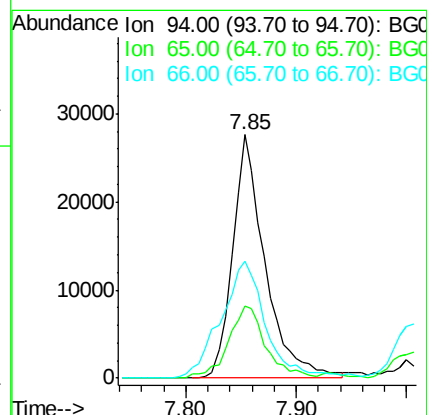
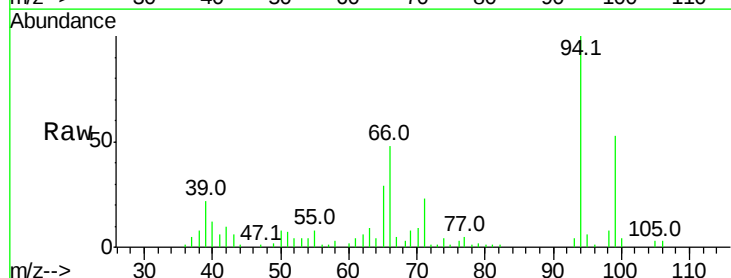
Tgt Ion: 94 Resp: 56818

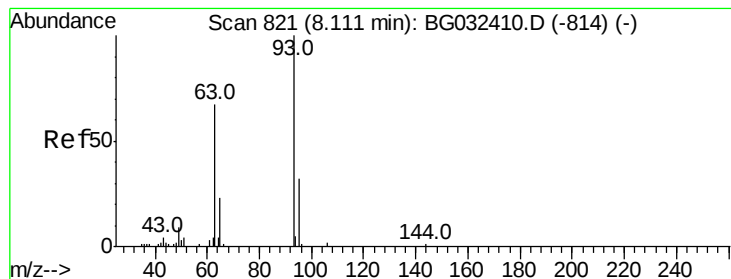
Ion Ratio Lower Upper

94 100

65 29.5 11.9 51.9

66 48.2 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.495 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

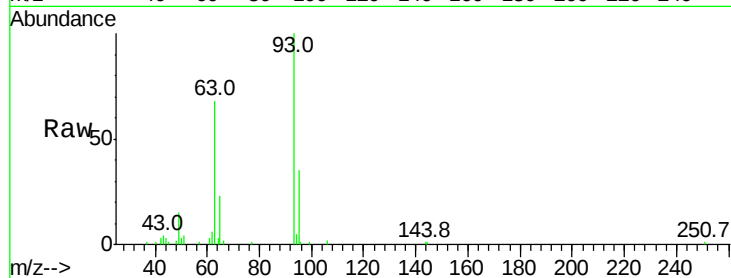
Tot Ion: 93 Resp: 36394

Ion Ratio Lower Upper

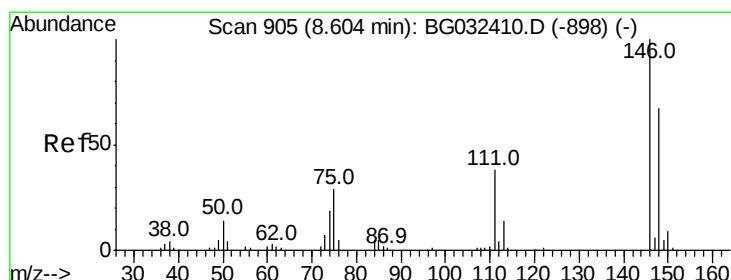
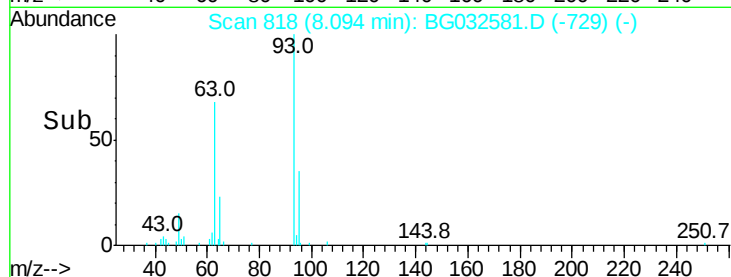
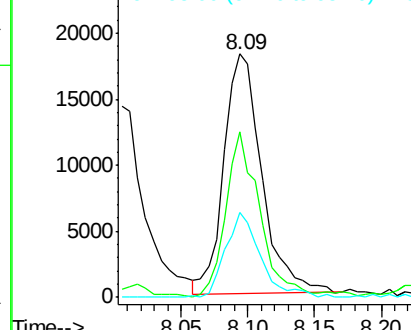
93 100

63 68.1 67.1 107.1

95 34.8 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.004 ng

RT: 8.74 min Scan# 928

Delta R.T. 0.15 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

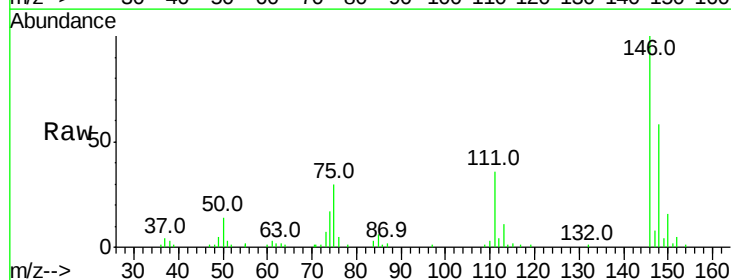
Tgt Ion: 146 Resp: 52647

Ion Ratio Lower Upper

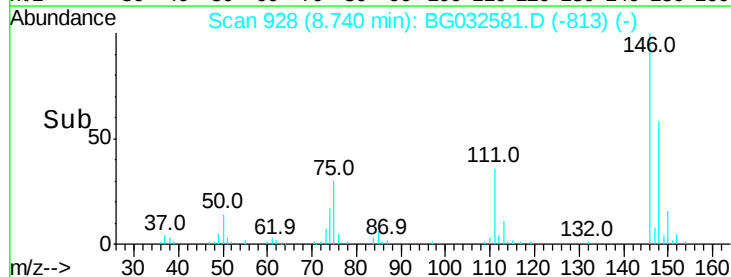
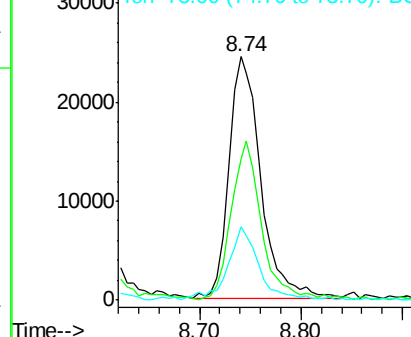
146 100

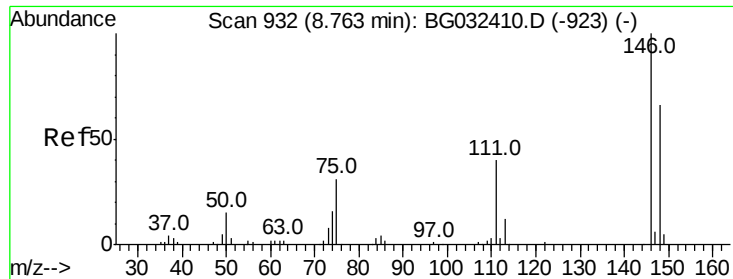
148 58.2 51.4 77.2

75 30.3 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

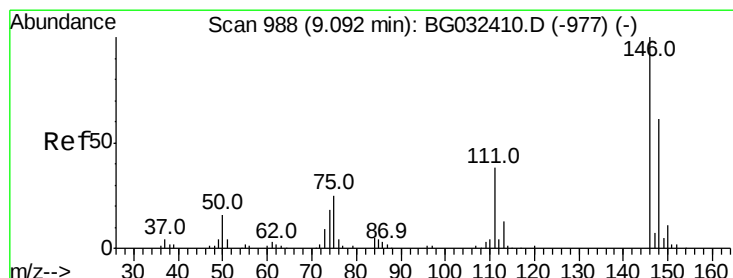
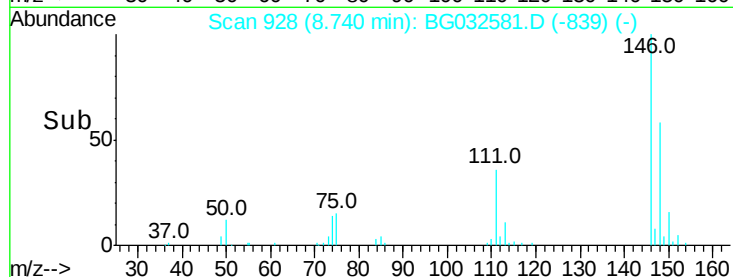
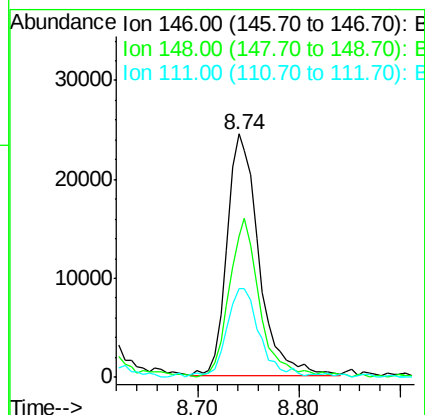
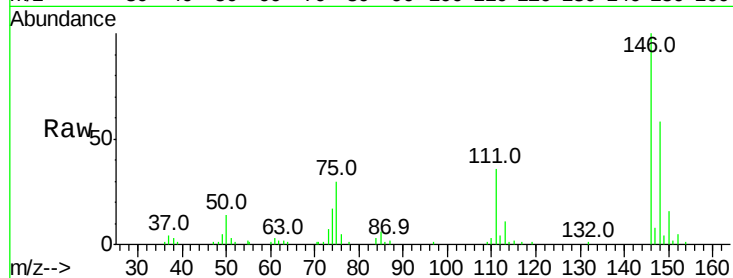




#13
 1,4-Dichlorobenzene
 Concen: 37.917 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

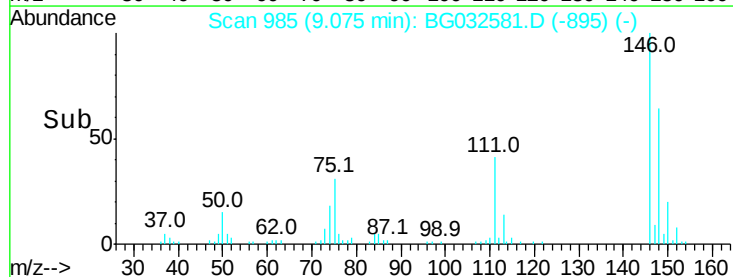
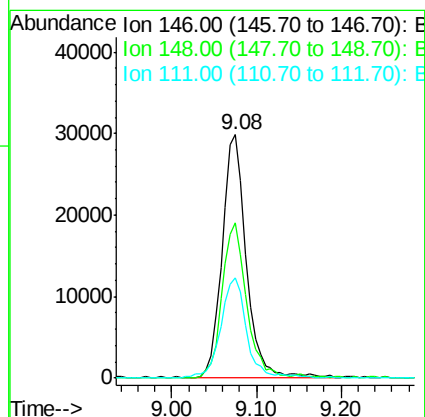
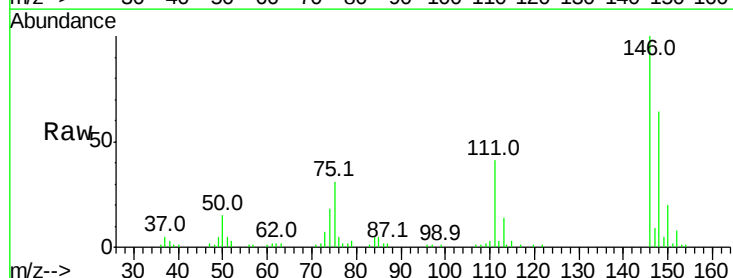
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 52647
 Ion Ratio Lower Upper
 146 100
 148 58.2 53.7 80.5
 111 36.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.616 ng
 RT: 9.08 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:146 Resp: 59326
 Ion Ratio Lower Upper
 146 100
 148 63.8 49.3 73.9
 111 41.0 34.3 51.5





#15

Benzyl Alcohol

Concen: 41.212 ng

RT: 8.95 min Scan# 963

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

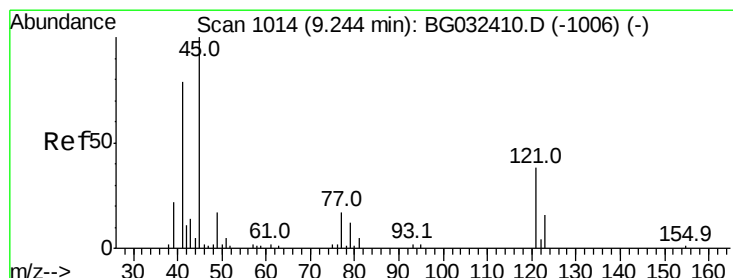
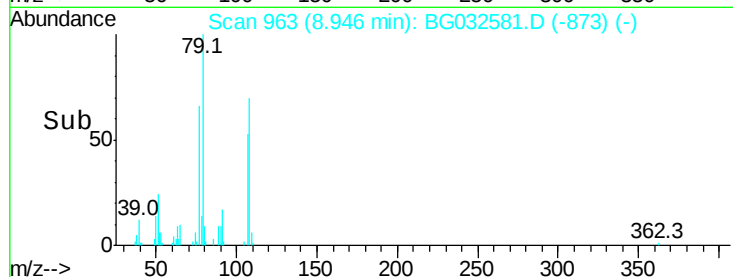
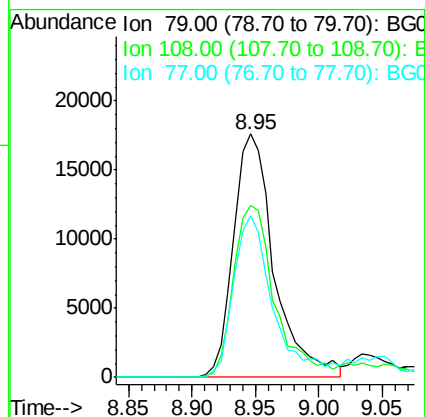
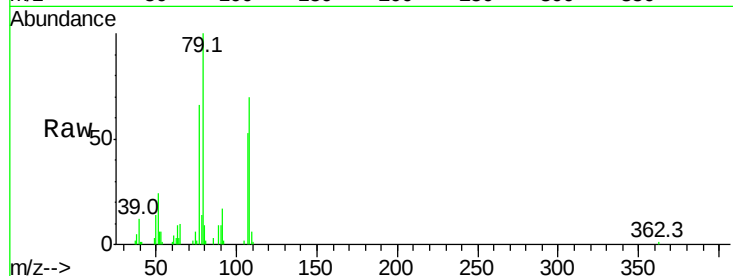
Tot Ion: 79 Resp: 39277

Ion Ratio Lower Upper

79 100

108 70.5 57.2 85.8

77 66.2 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.861 ng

RT: 9.23 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

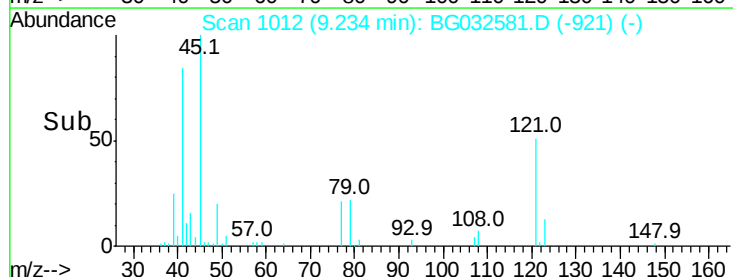
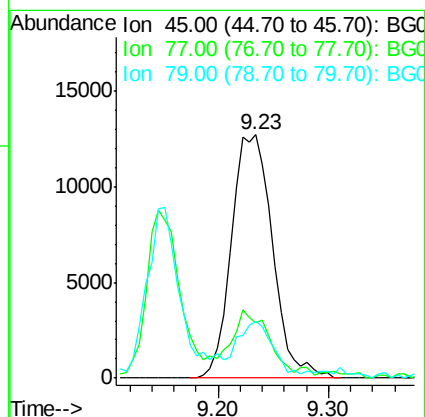
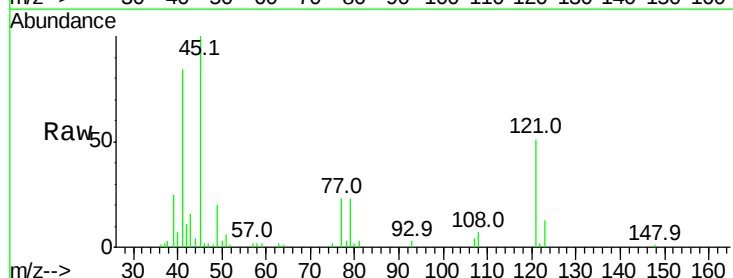
Tgt Ion: 45 Resp: 33191

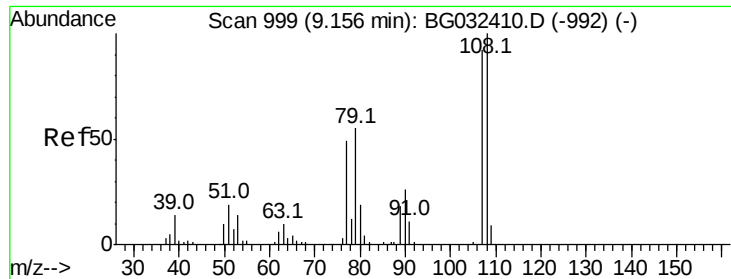
Ion Ratio Lower Upper

45 100

77 22.8 0.0 30.2

79 23.3 0.0 27.9

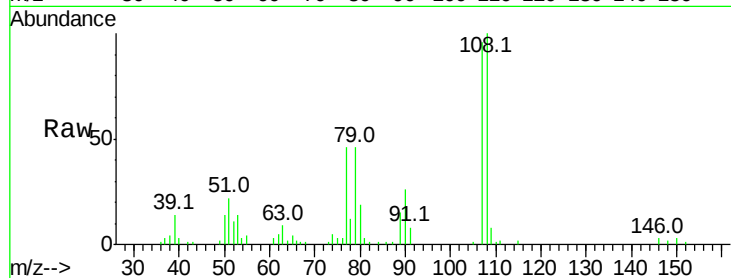




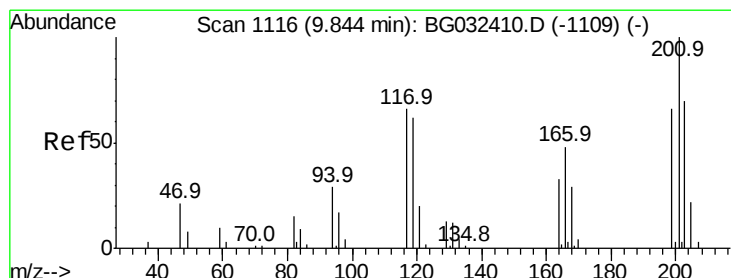
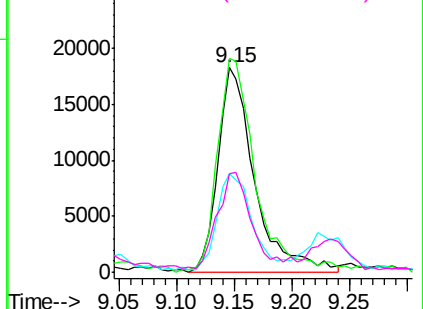
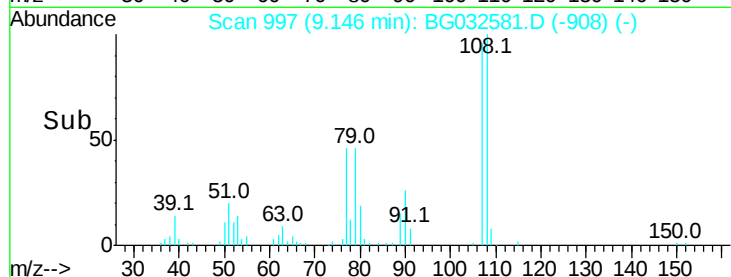
#17
2-Methylphenol
Concen: 45.186 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 40302
Ion Ratio Lower Upper
107 100
108 104.4 83.9 125.9
77 48.0 37.2 55.8
79 48.3 36.2 54.2

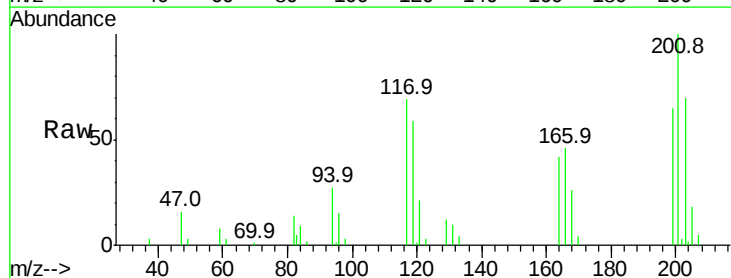


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

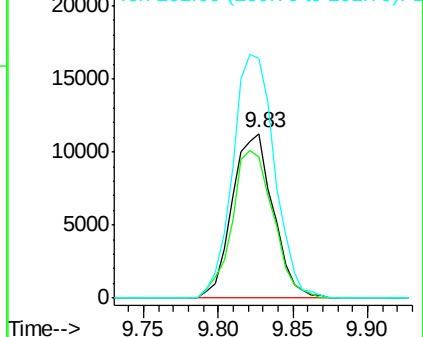
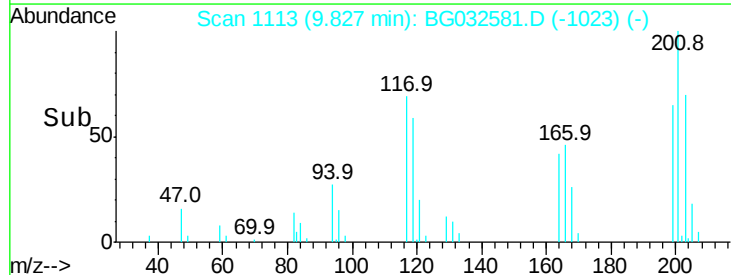


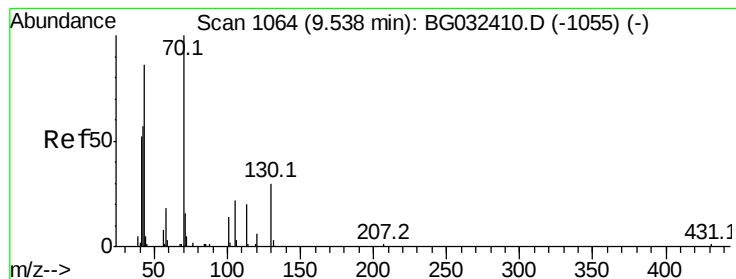
#18
Hexachloroethane
Concen: 46.025 ng
RT: 9.83 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion:117 Resp: 21456
Ion Ratio Lower Upper
117 100
119 86.2 76.7 115.1
201 145.8 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: 41.889 ng

RT: 9.52 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 32118

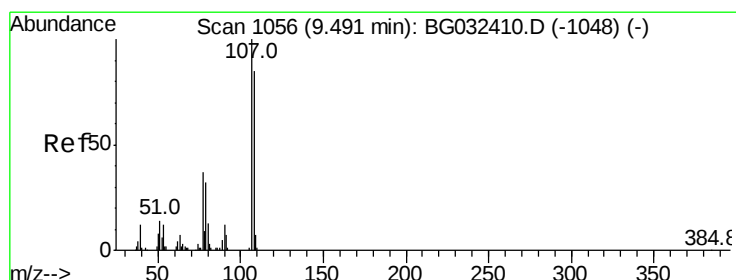
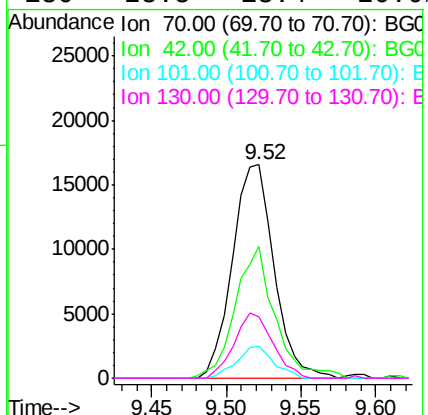
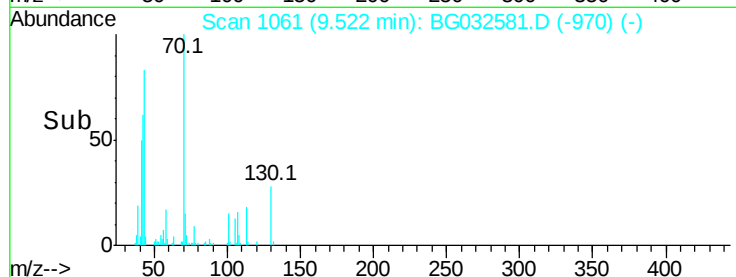
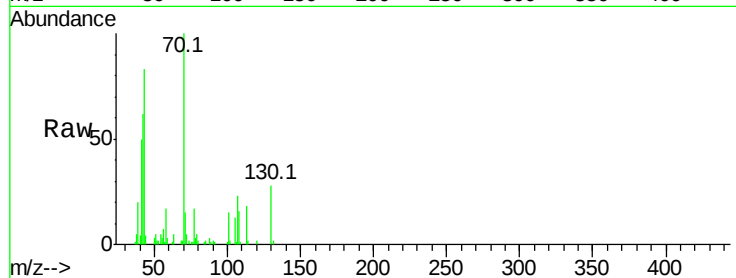
Ion Ratio Lower Upper

70 100

42 61.6 49.1 73.7

101 14.8 8.5 12.7#

130 28.5 13.4 20.0#



#20

3+4-Methylphenols

Concen: 44.019 ng

RT: 9.48 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Tgt Ion: 107 Resp: 55072

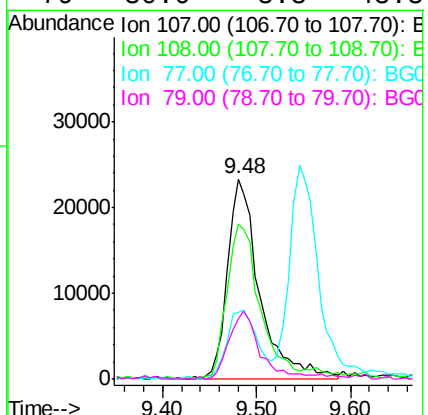
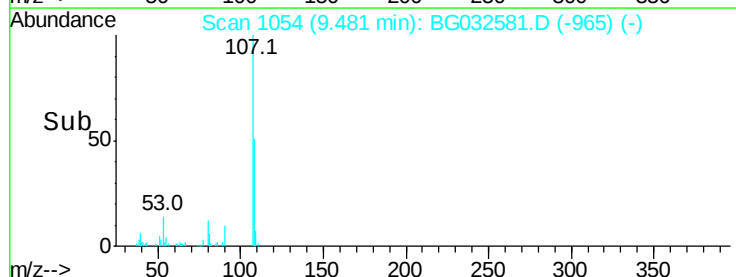
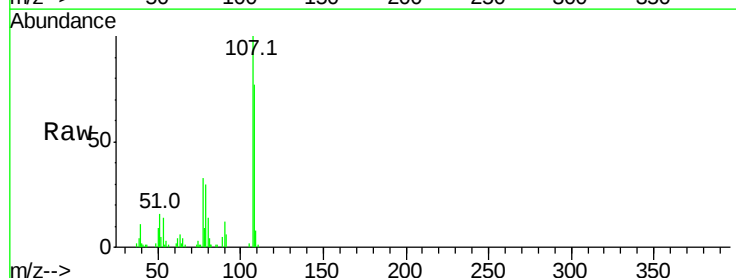
Ion Ratio Lower Upper

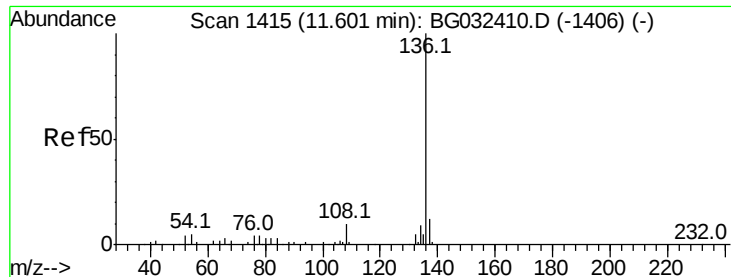
107 100

108 77.5 61.6 101.6

77 33.3 13.9 53.9

79 30.0 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: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 76589

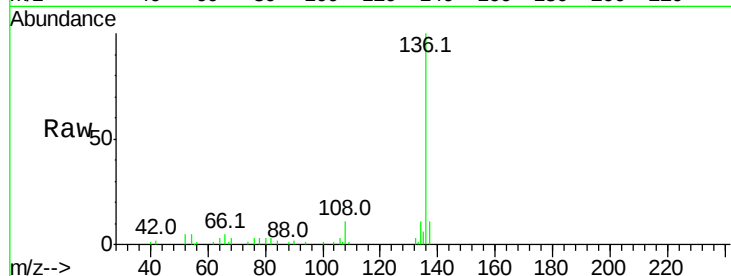
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 5.2 10.3 15.5#

68 3.4 4.5 6.7#

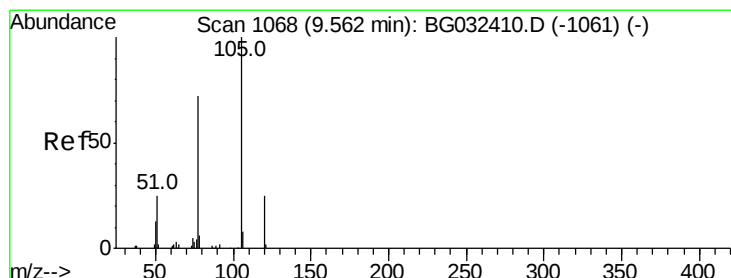
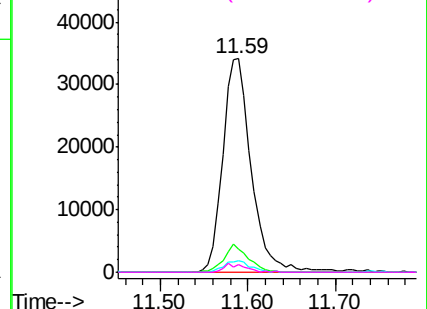
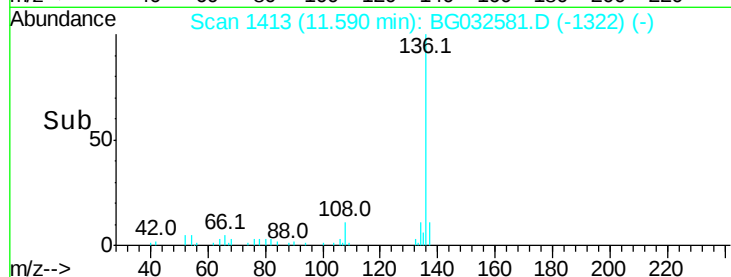


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.104 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Tgt Ion:105 Resp: 73795

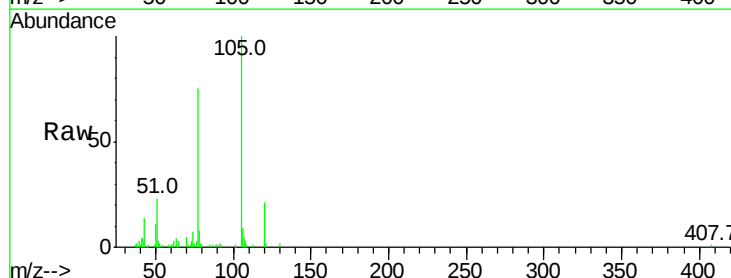
Ion Ratio Lower Upper

105 100

71 1.1 3.0 4.4#

51 23.4 26.1 39.1#

120 20.7 17.4 26.2

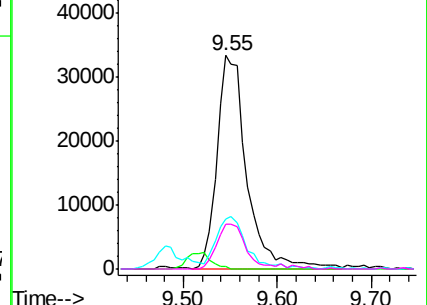
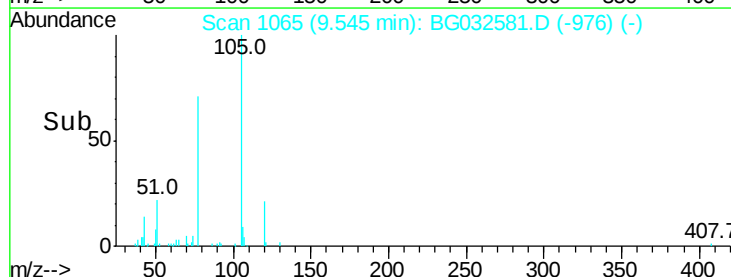


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

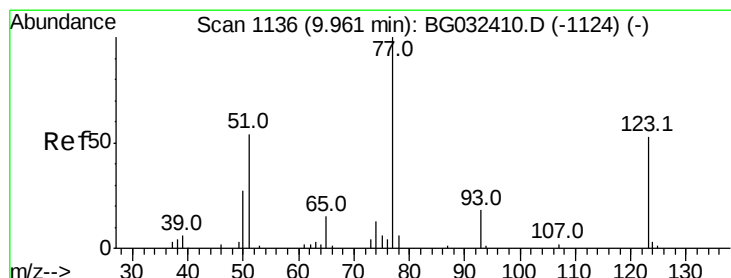
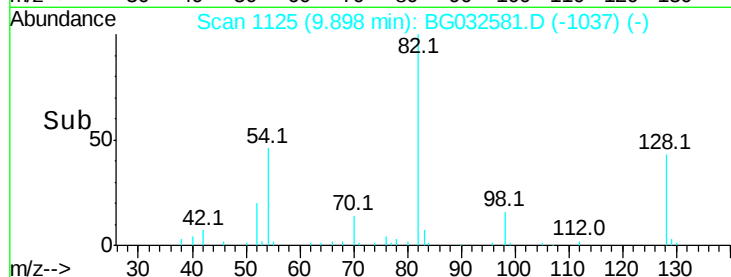
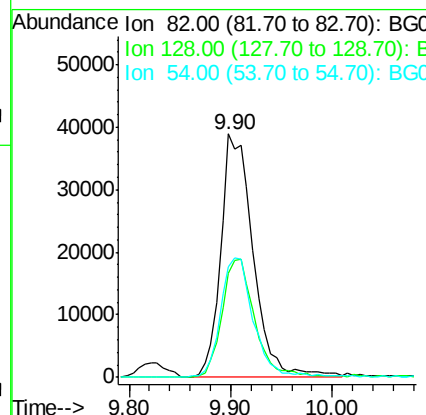
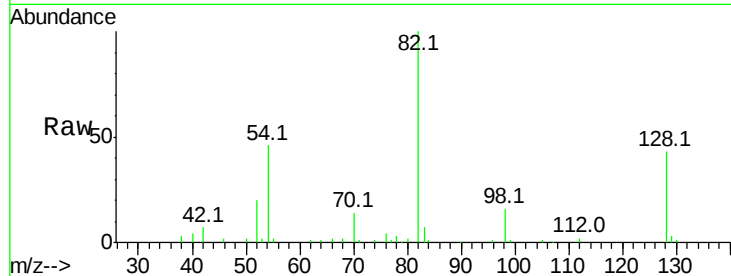




#23
 Nitrobenzene-d5
 Concen: 70.564 ng
 RT: 9.90 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

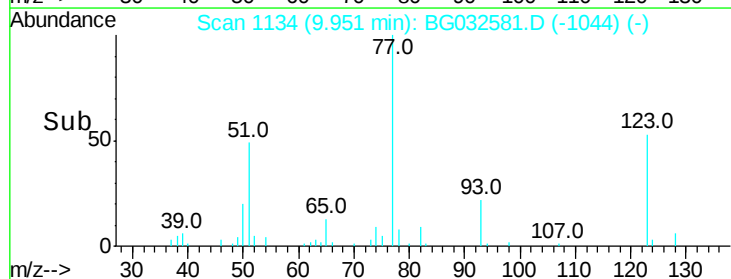
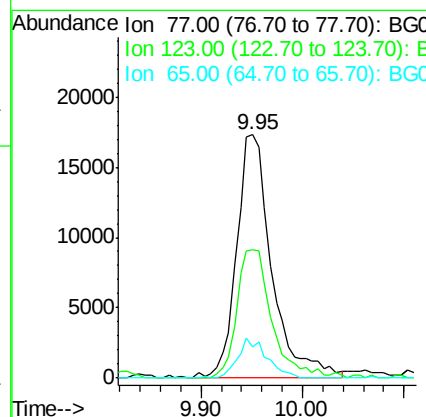
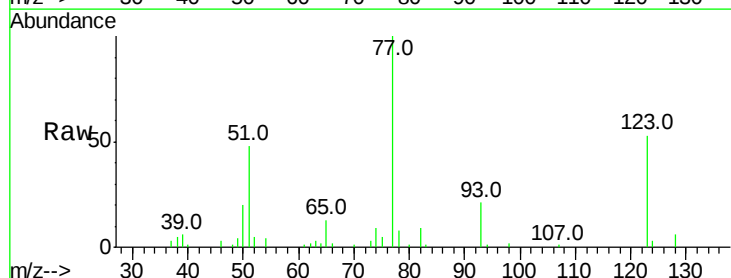
Instrument :
 BNA_G
 ClientSampleId :

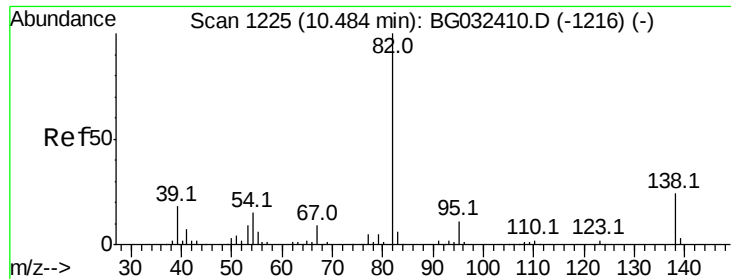
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	29.7	44.5
54	45.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 35.246 ng
 RT: 9.95 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	33.0	49.6#
65	12.9	13.0	19.6#





#25

Isophorone

Concen: 35.883 ng

RT: 10.47 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampled :

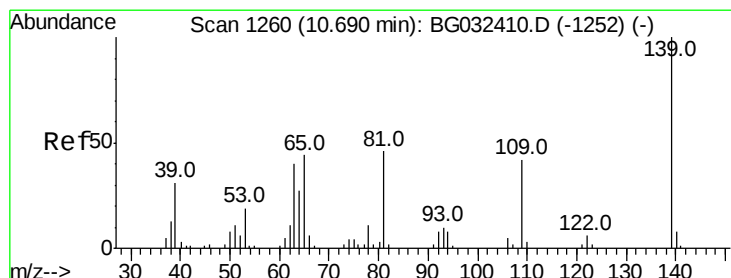
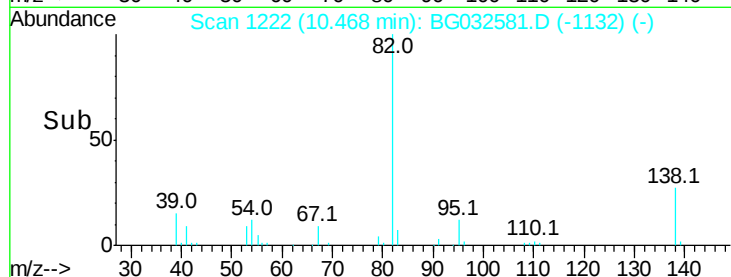
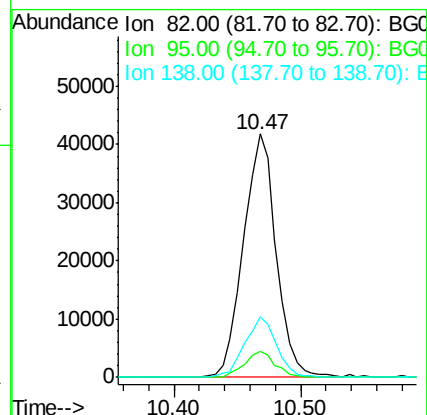
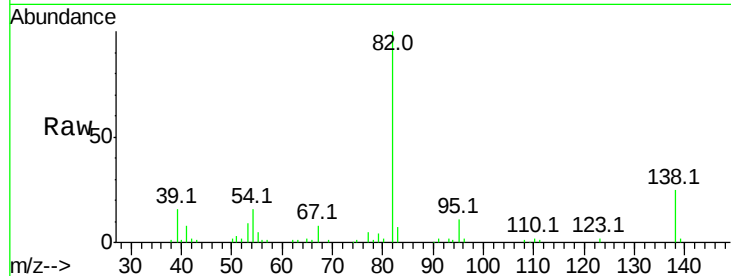
Tot Ion: 82 Resp: 74920

Ion Ratio Lower Upper

82 100

95 10.8 6.2 9.2#

138 24.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 2.560 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.20 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

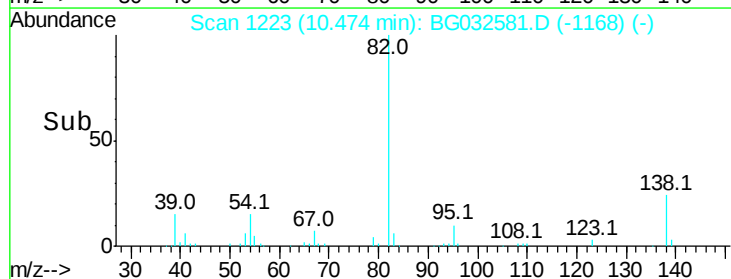
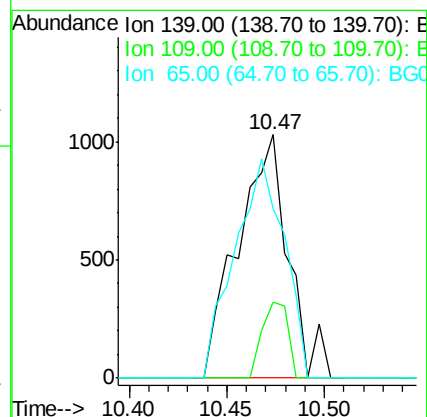
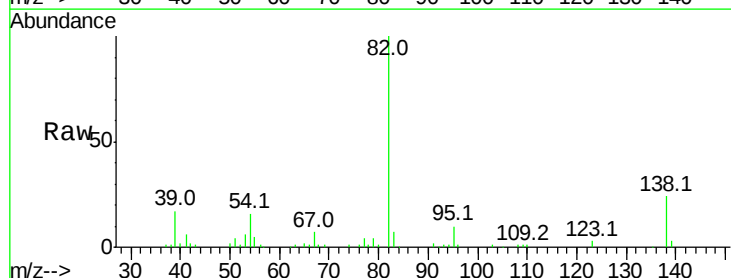
Tgt Ion:139 Resp: 1835

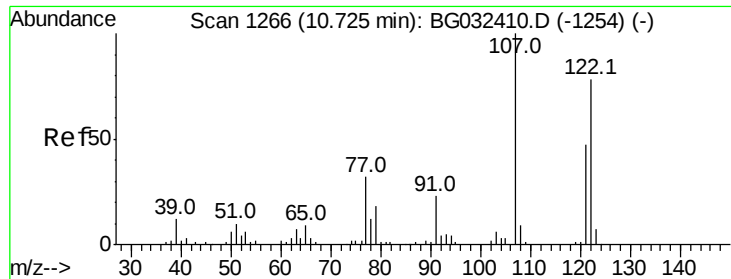
Ion Ratio Lower Upper

139 100

109 31.0 24.2 36.2

65 69.7 47.4 71.0

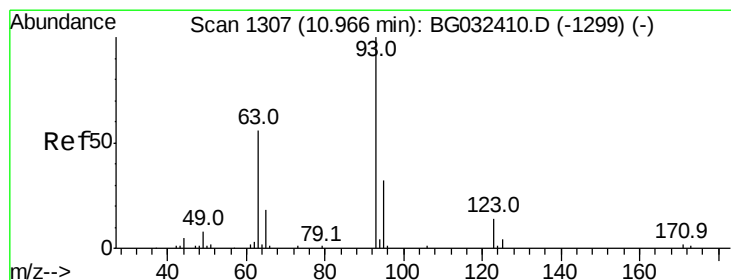
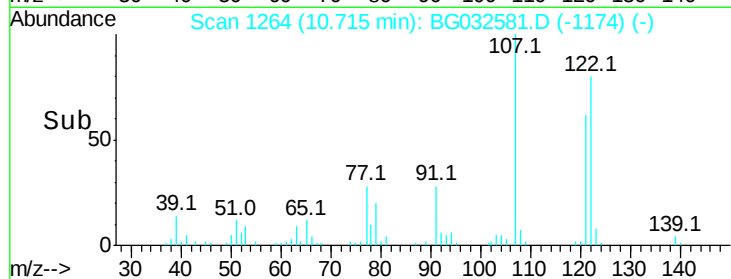
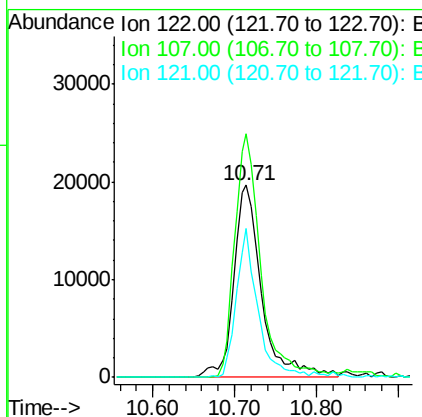
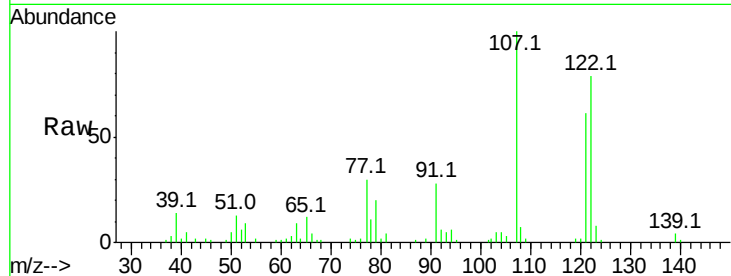




#27
 2,4-Dimethylphenol
 Concen: 45.326 ng
 RT: 10.71 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

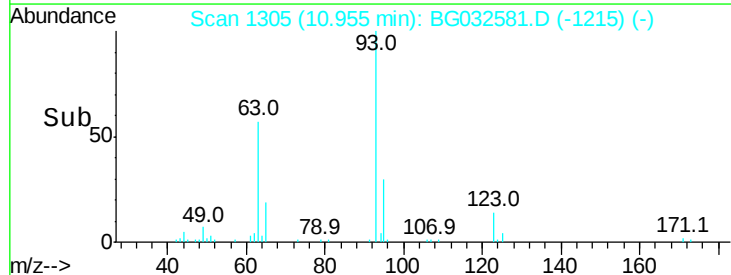
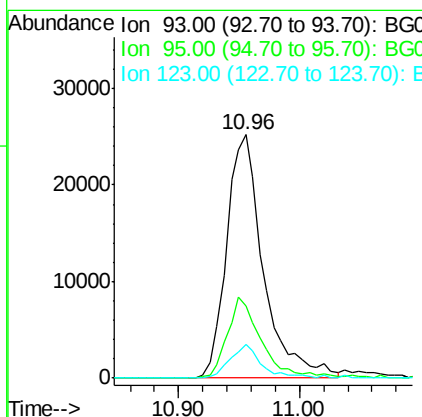
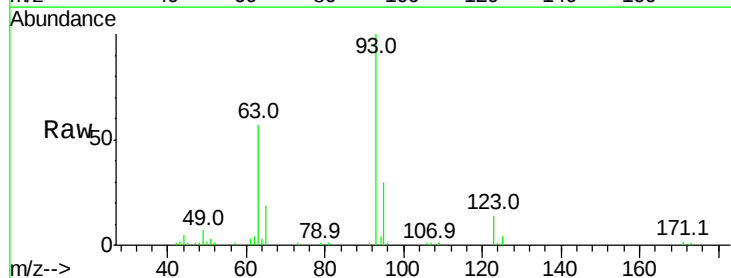
Instrument :
 BNA_G
 ClientSampleId :

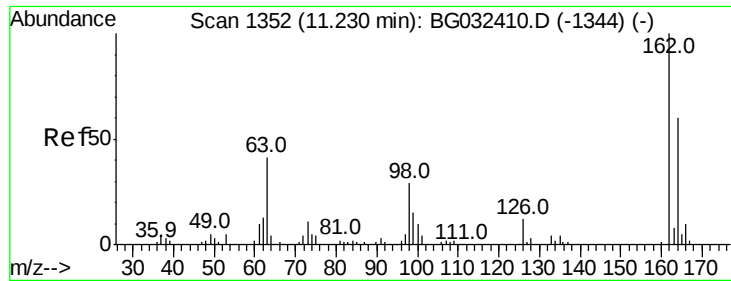
Tot Ion:122 Resp: 46630
 Ion Ratio Lower Upper
 122 100
 107 126.7 100.2 150.2
 121 77.4 44.4 66.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.495 ng
 RT: 10.96 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion: 93 Resp: 53233
 Ion Ratio Lower Upper
 93 100
 95 29.5 24.3 36.5
 123 13.6 8.4 12.6#

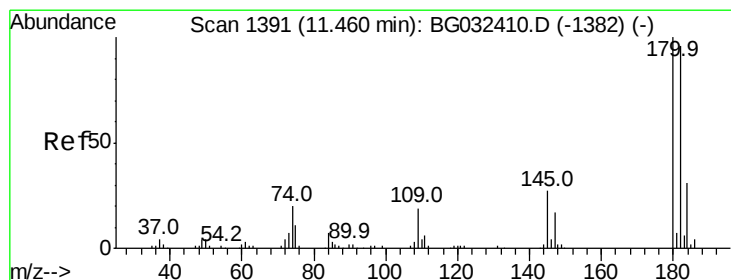
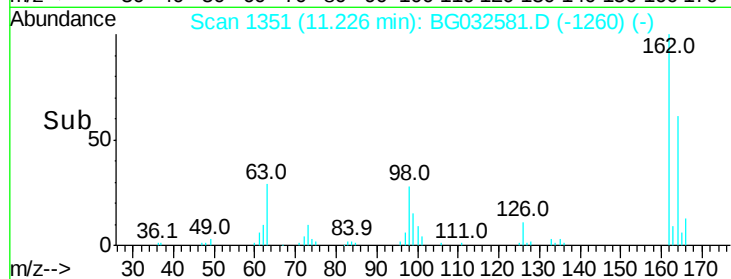
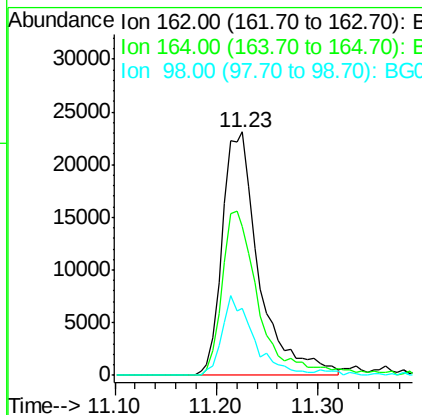
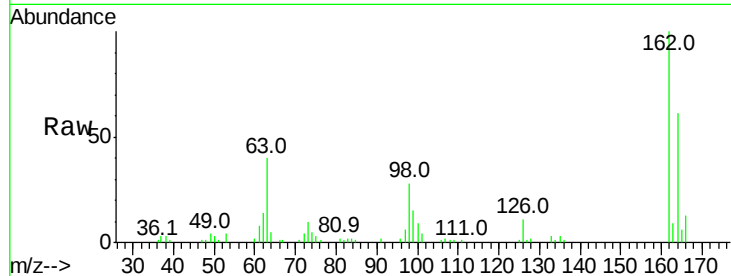




#29
 2,4-Dichlorophenol
 Concen: 42.505 ng
 RT: 11.23 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

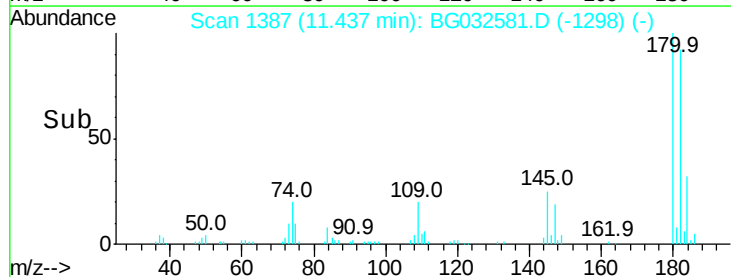
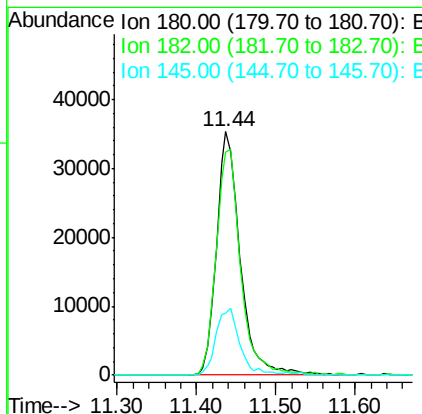
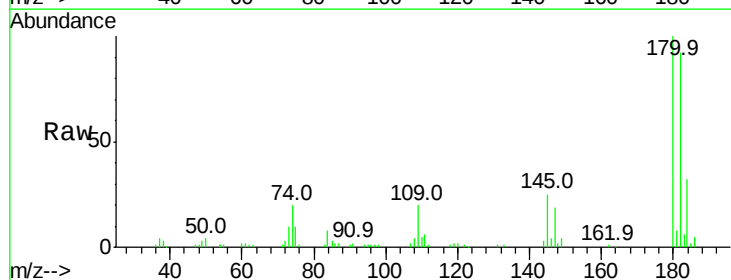
Instrument :
 BNA_G
 ClientSampleId :

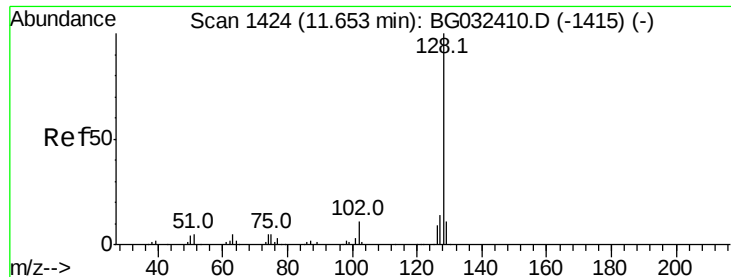
Tot Ion:162 Resp: 57928
 Ion Ratio Lower Upper
 162 100
 164 61.0 48.0 88.0
 98 27.5 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.056 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:180 Resp: 72758
 Ion Ratio Lower Upper
 180 100
 182 91.9 77.5 116.3
 145 25.2 23.4 35.2

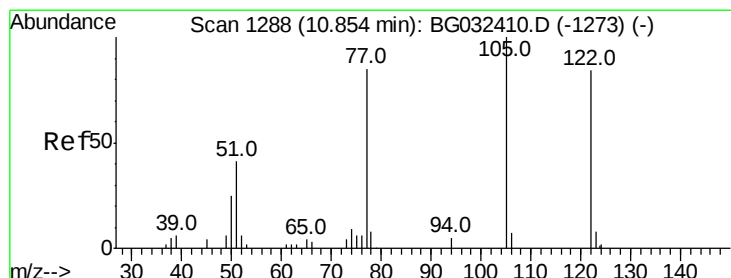
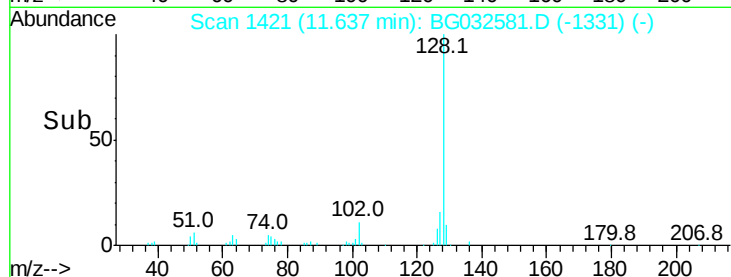
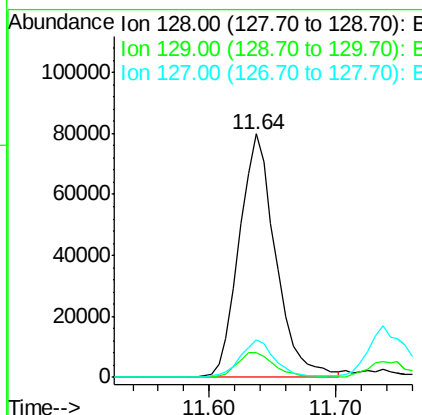
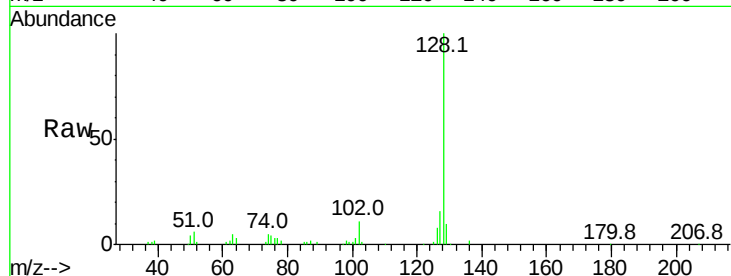




#31
Naphthalene
Concen: 42.633 ng
RT: 11.64 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

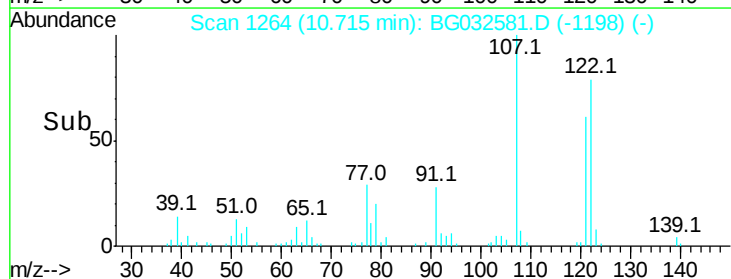
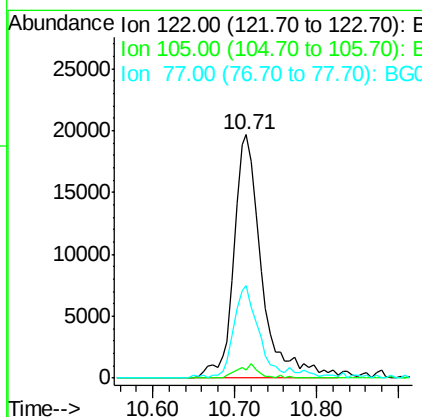
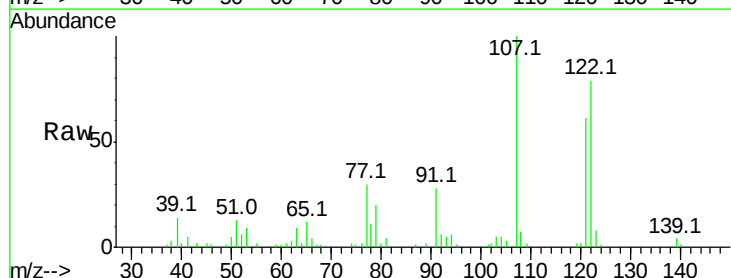
Instrument :
BNA_G
ClientSampled :

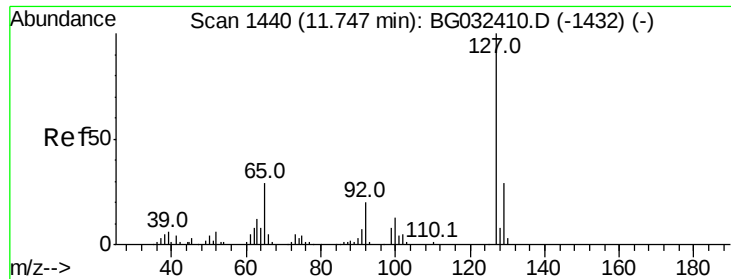
Tot Ion:128 Resp: 159476
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 15.6 11.6 17.4



#32
Benzoic acid
Concen: 58.823 ng
RT: 10.71 min Scan# 1264
Delta R.T. -0.14 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion:122 Resp: 46630
Ion Ratio Lower Upper
122 100
105 3.5 123.5 163.5#
77 37.9 85.7 125.7#

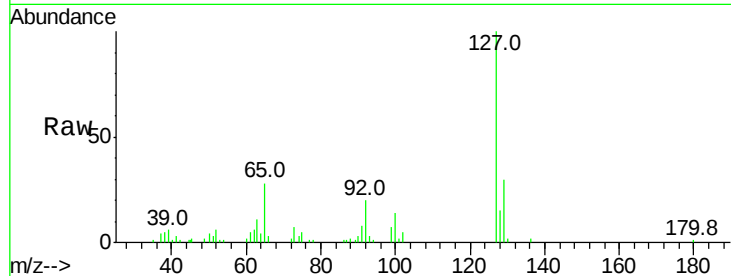




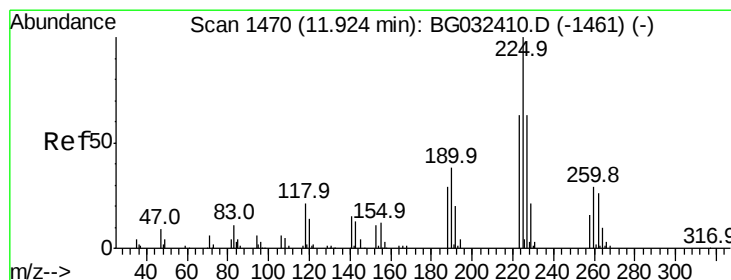
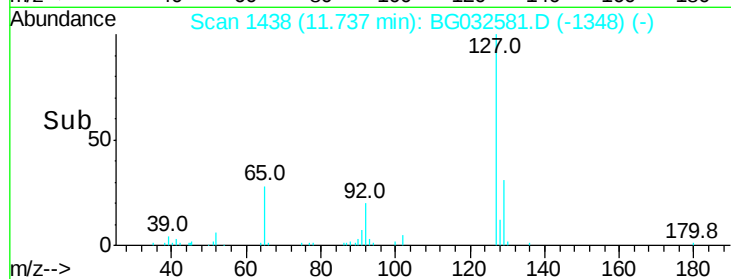
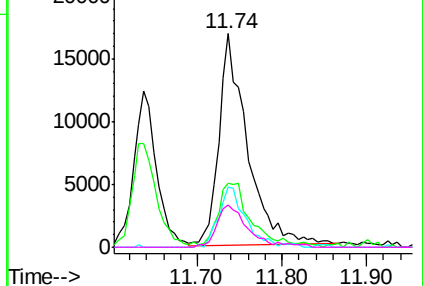
#33
4-Chloroaniline
Concen: 23.503 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	39212	
Ion Ratio	Lower	Upper	
127 100			
129 30.1	24.0	36.0	
65 27.9	27.0	40.4	
92 19.5	16.6	25.0	

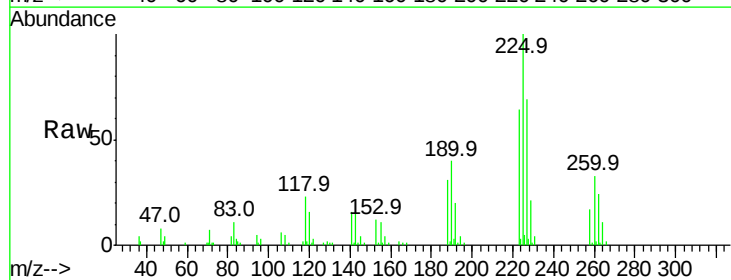


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

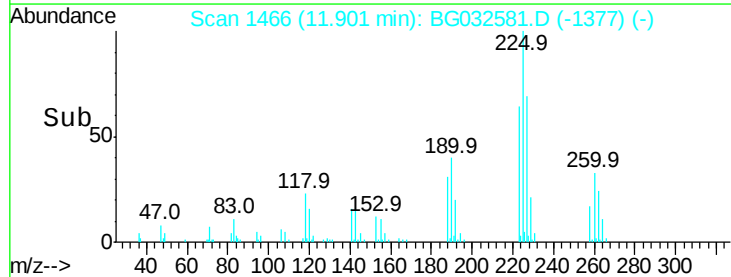
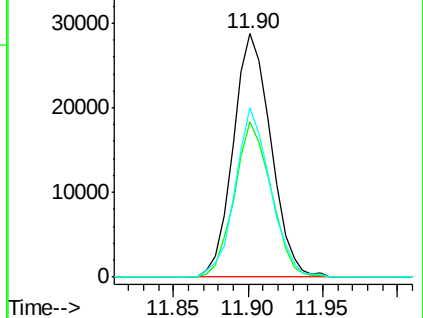


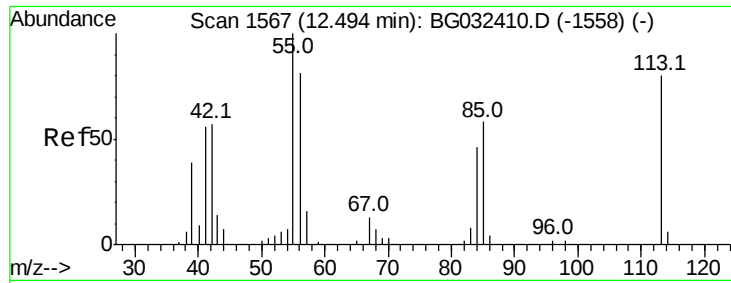
#34
Hexachlorobutadiene
Concen: 35.679 ng
RT: 11.90 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt	Ion:225	Resp:	50422
Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.7	74.5
227	69.5	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: 40.431 ng

RT: 12.47 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

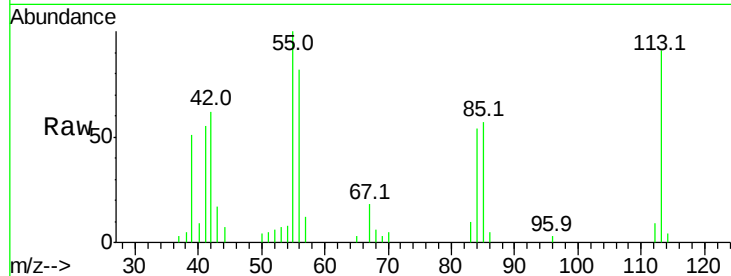
Tot Ion:113 Resp: 15818

Ion Ratio Lower Upper

113 100

55 109.7 186.9 226.9#

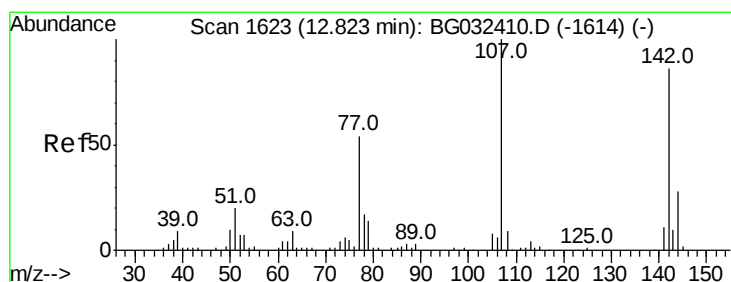
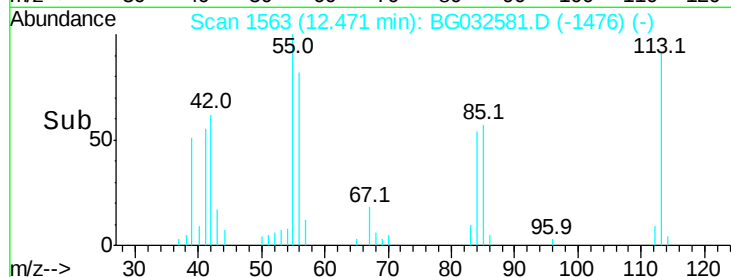
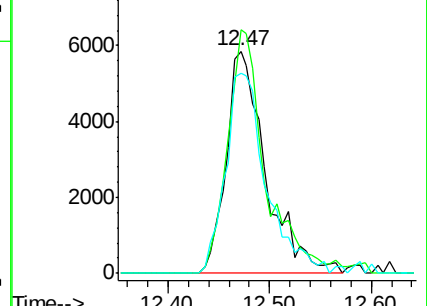
56 90.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.317 ng

RT: 12.81 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

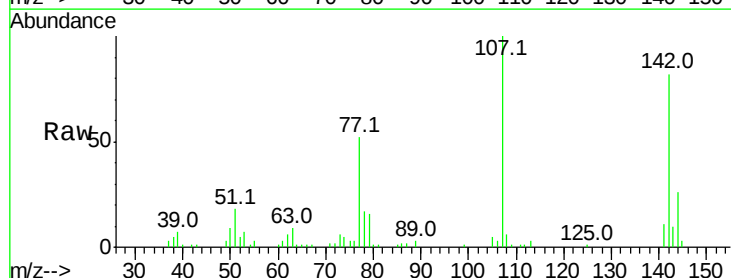
Tgt Ion:107 Resp: 45655

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

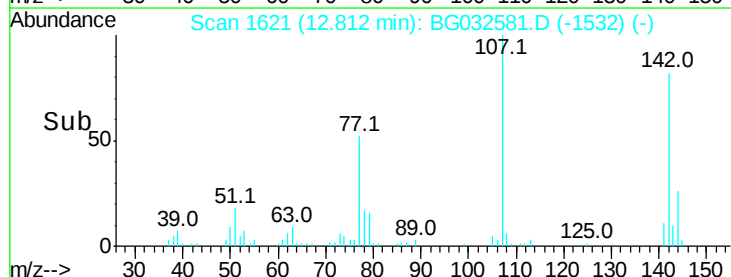
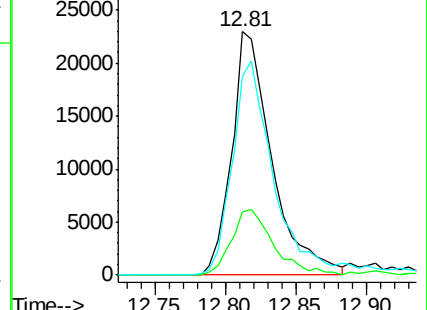
142 81.7 59.0 88.4

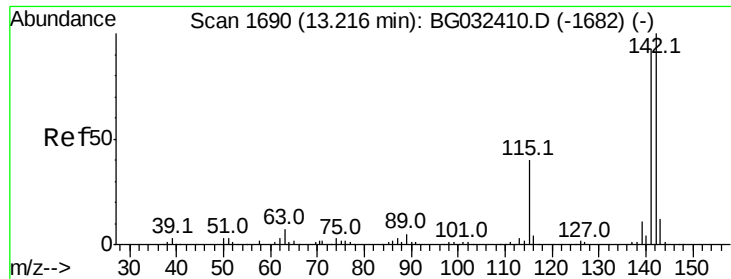


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

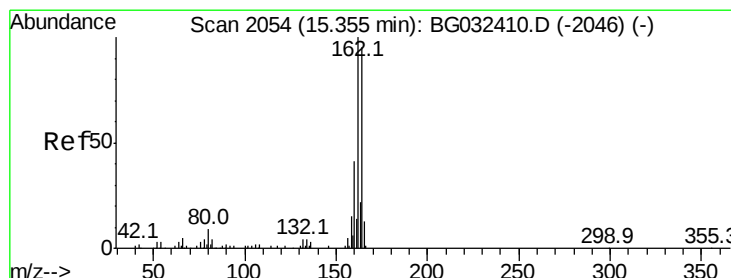
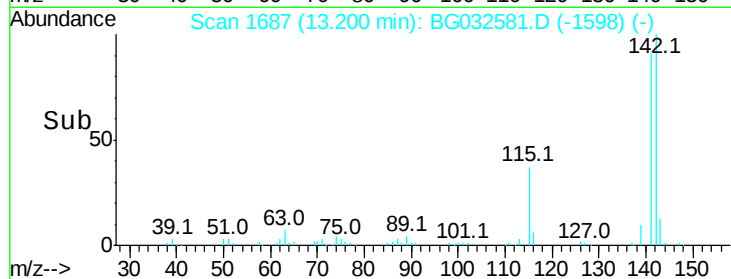
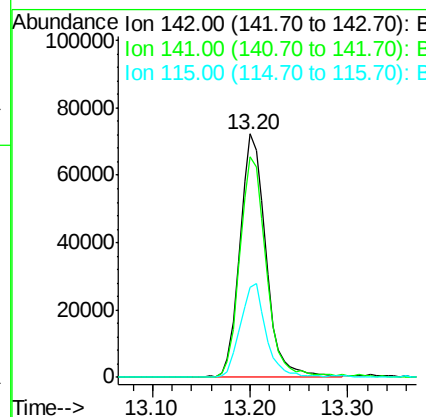
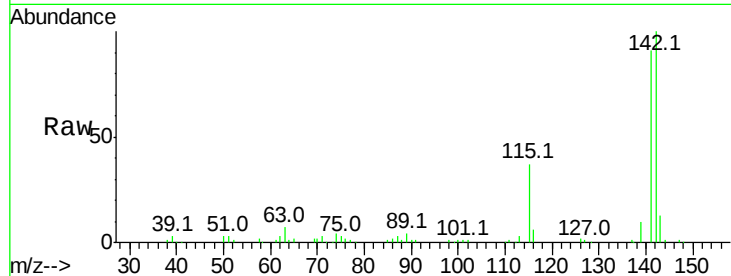




#37
 2-Methylnaphthalene
 Concen: 42.753 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

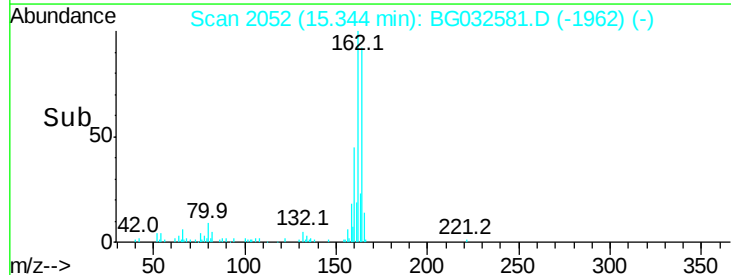
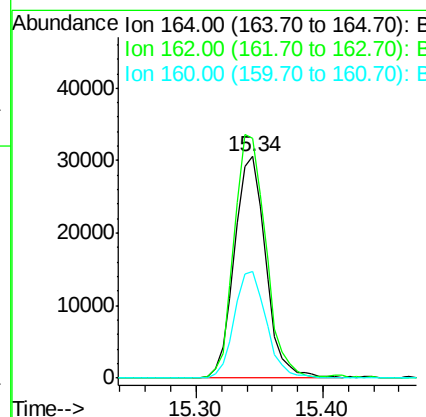
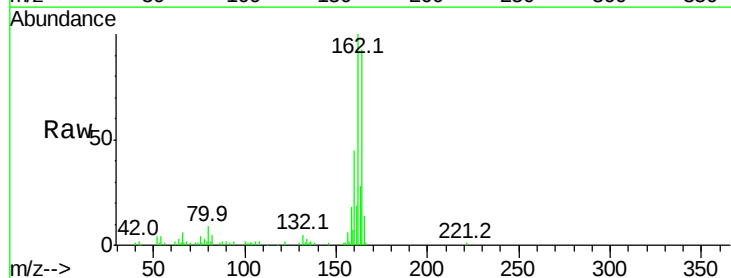
Instrument :
 BNA_G
 ClientSampleId :

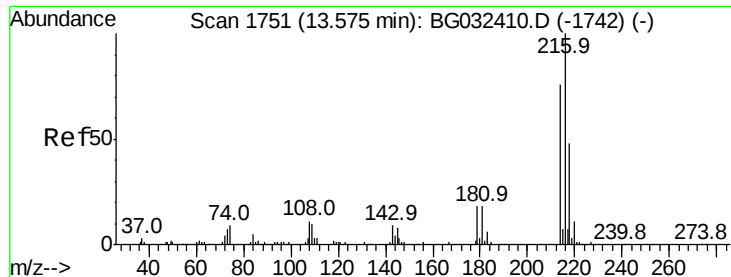
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	37.1	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	48.1	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.897 ng

RT: 13.56 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

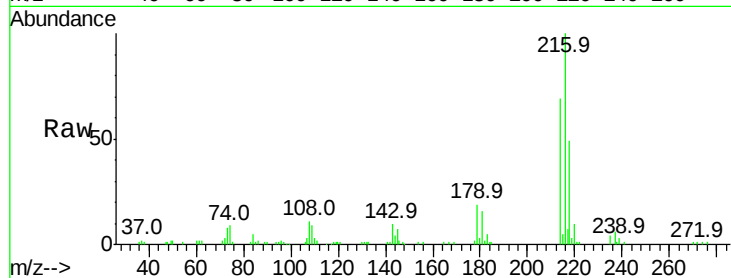
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 72891

Ion	Ratio	Lower	Upper
216	100		
214	75.9	63.0	94.4
179	19.3	17.0	25.6
108	13.6	12.8	19.2

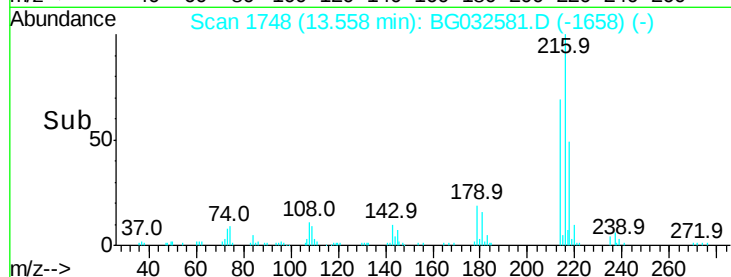


Abundance Ion 216.00 (215.70 to 216.70): E

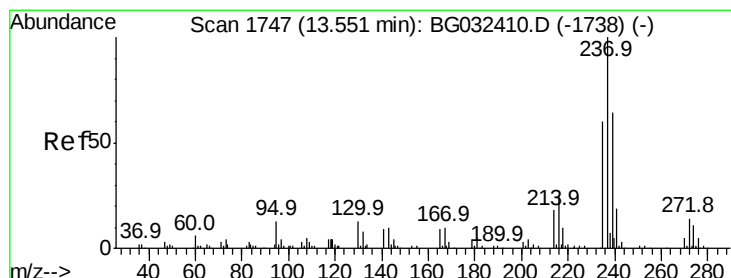
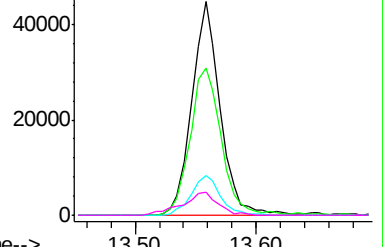
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 63.180 ng

RT: 13.53 min Scan# 1743

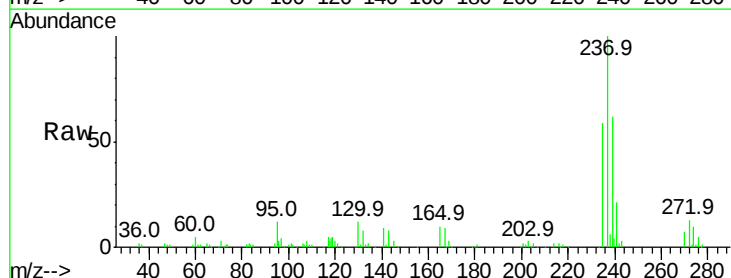
Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Tgt Ion:237 Resp: 96244

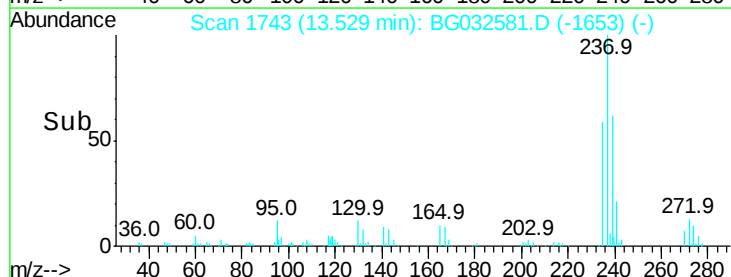
Ion	Ratio	Lower	Upper
237	100		
235	58.7	50.4	90.4
272	12.9	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E

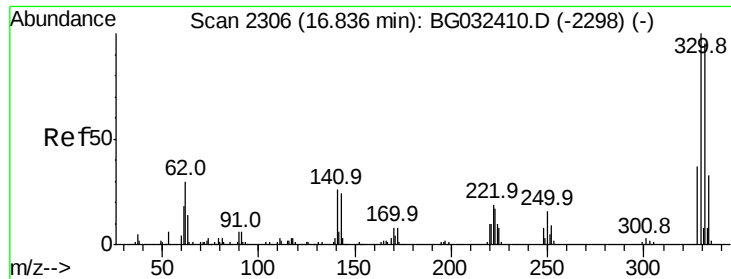
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

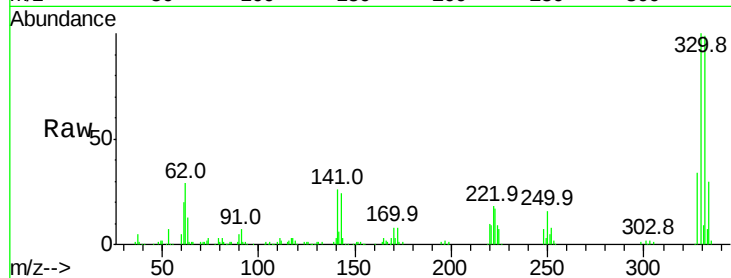




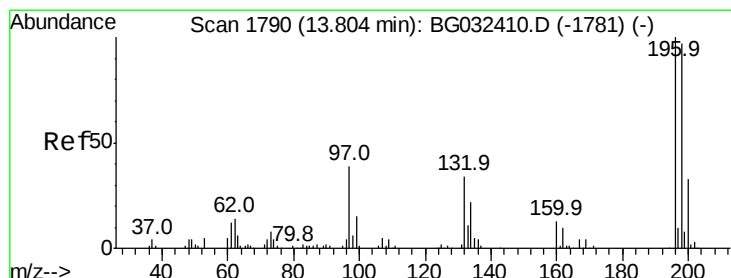
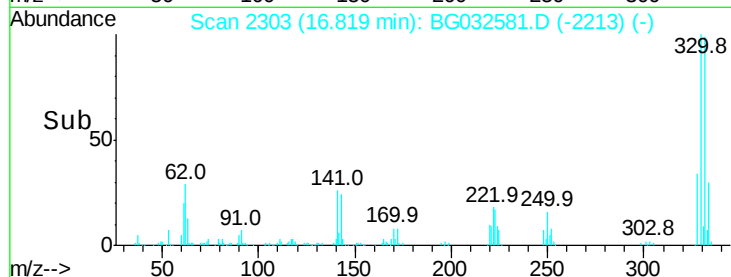
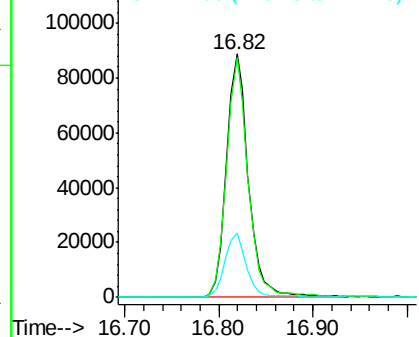
#41
 2,4,6-Tribromophenol
 Concen: 146.077 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	26.3	25.2	37.8

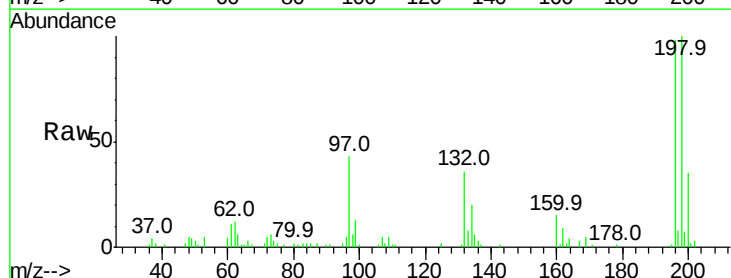


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

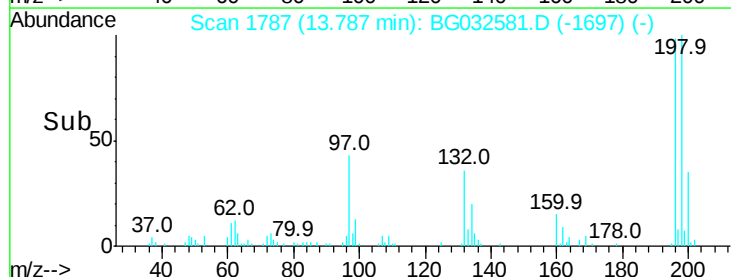
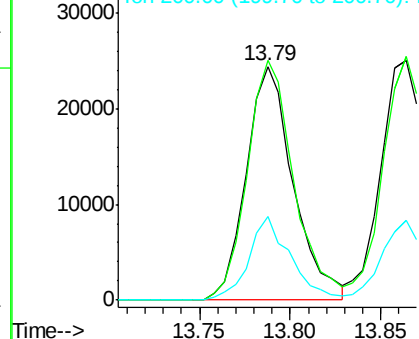


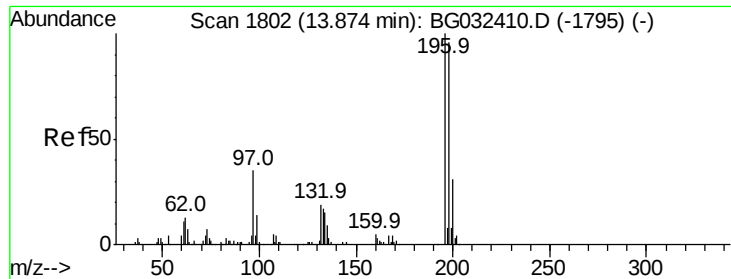
#42
 2,4,6-Trichlorophenol
 Concen: 33.191 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.4	78.2	117.2
200	36.0	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

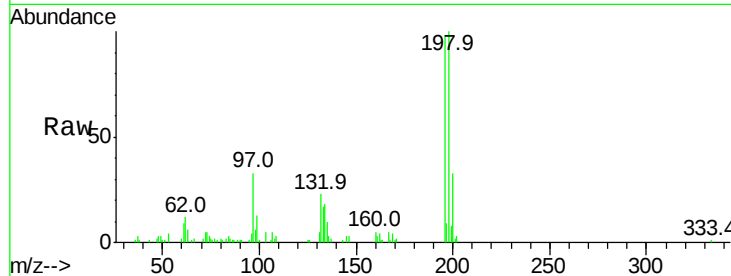




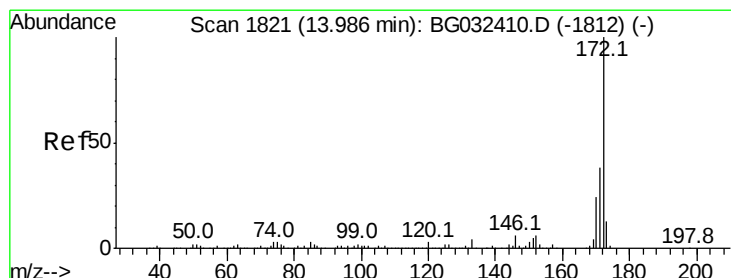
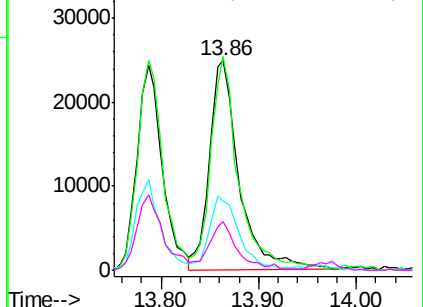
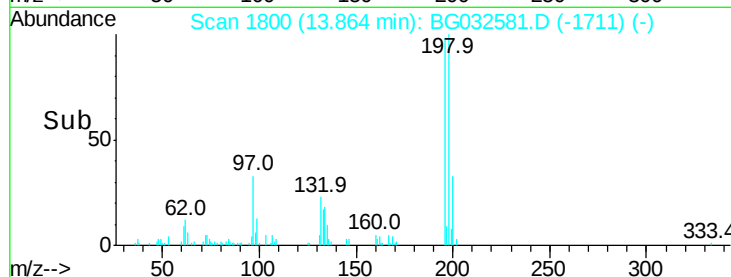
#43
2,4,5-Trichlorophenol
Concen: 33.793 ng
RT: 13.86 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 52242
Ion Ratio Lower Upper
196 100
198 101.8 76.2 114.4
97 33.1 38.7 58.1#
132 23.3 20.2 30.2

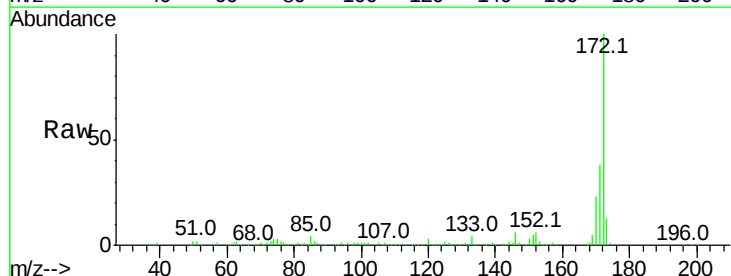


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

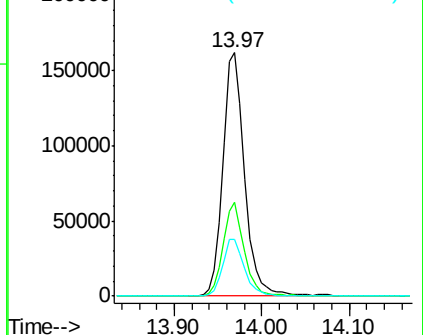
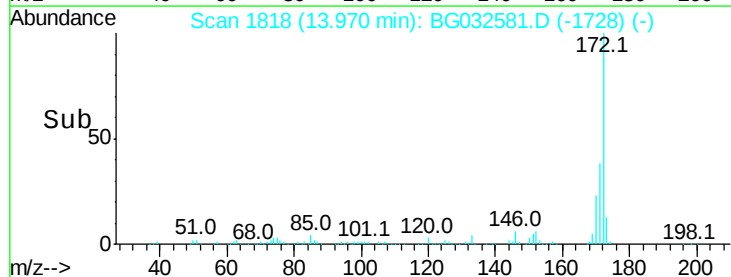


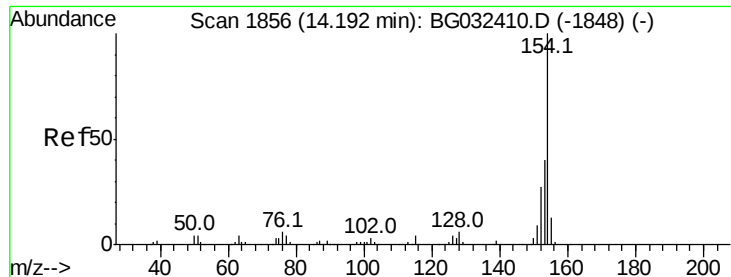
#44
2-Fluorobiphenyl
Concen: 63.329 ng
RT: 13.97 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion:172 Resp: 277680
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 23.3 19.5 29.3



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

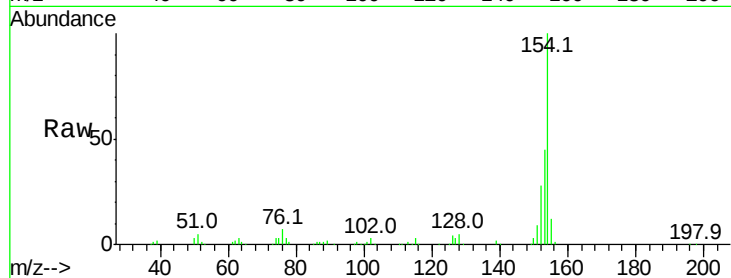




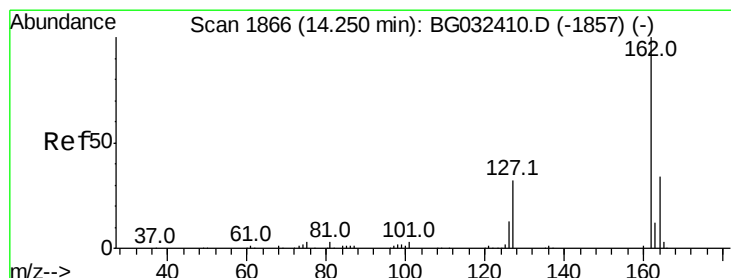
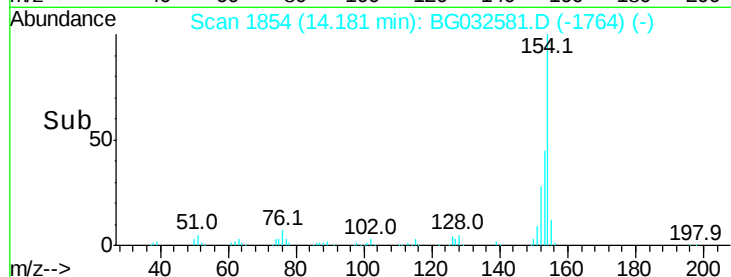
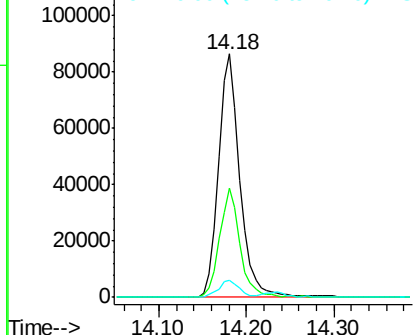
#45
 1,1'-Biphenyl
 Concen: 33.195 ng
 RT: 14.18 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	44.8	19.8	59.8
76	7.1	0.0	31.9

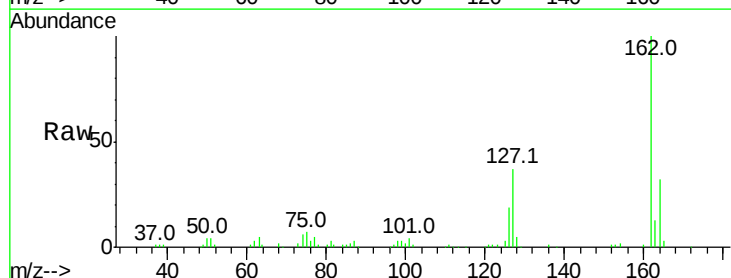


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

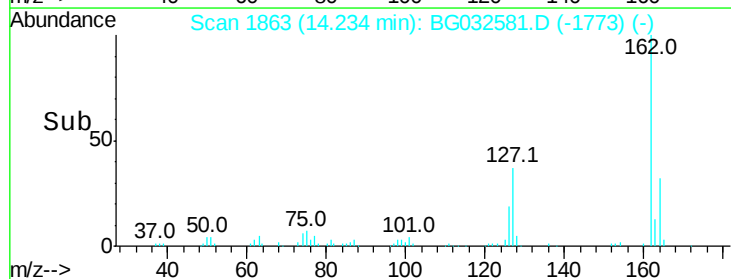
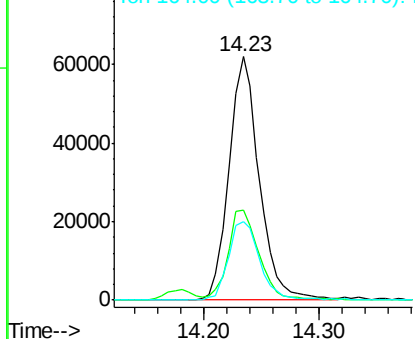


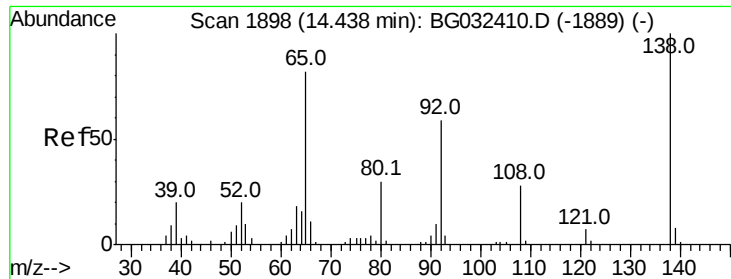
#46
 2-Chloronaphthalene
 Concen: 32.632 ng
 RT: 14.23 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.7	46.1
164	32.5	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: 32.075 ng

RT: 14.43 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampled :

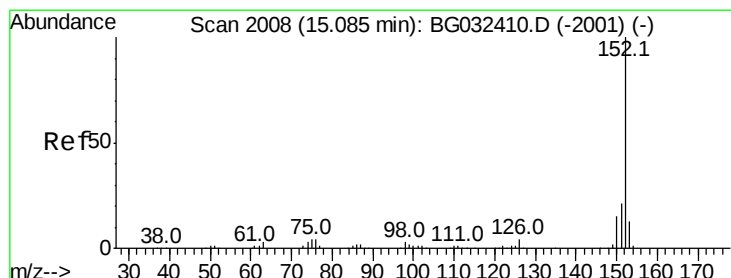
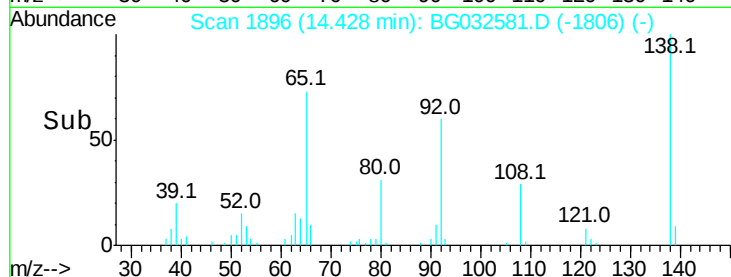
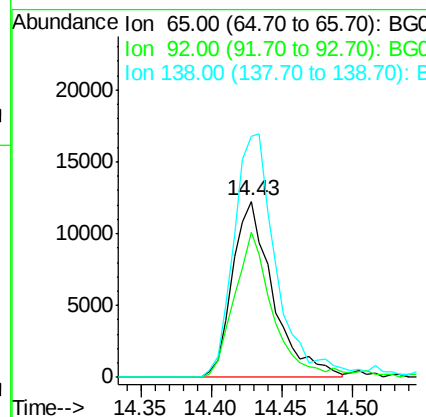
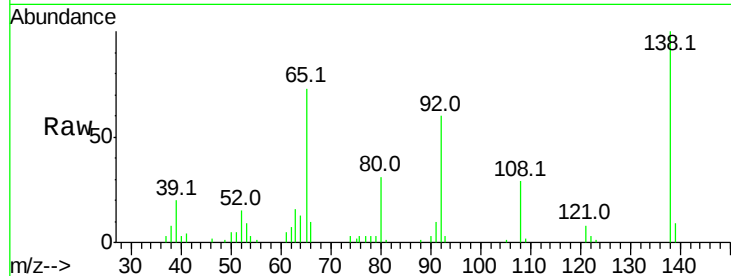
Tot Ion: 65 Resp: 24478

Ion Ratio Lower Upper

65 100

92 82.1 54.6 82.0#

138 136.7 72.9 109.3#



#48

Acenaphthylene

Concen: 34.064 ng

RT: 15.07 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

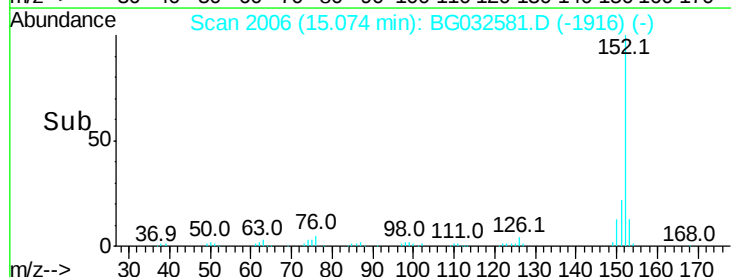
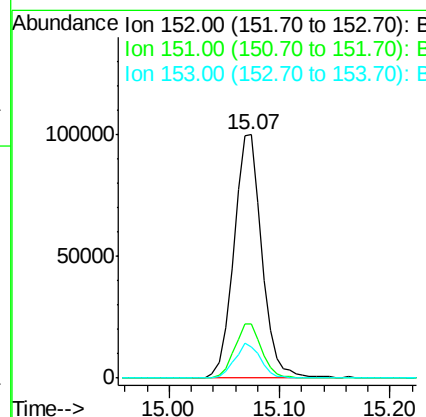
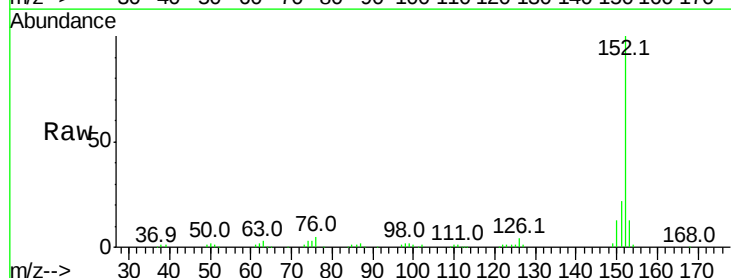
Tgt Ion: 152 Resp: 177711

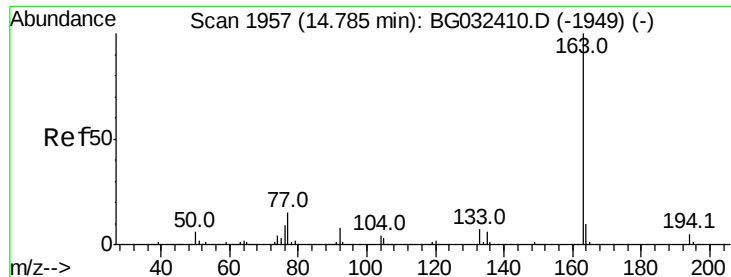
Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 36.117 ng

RT: 14.77 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

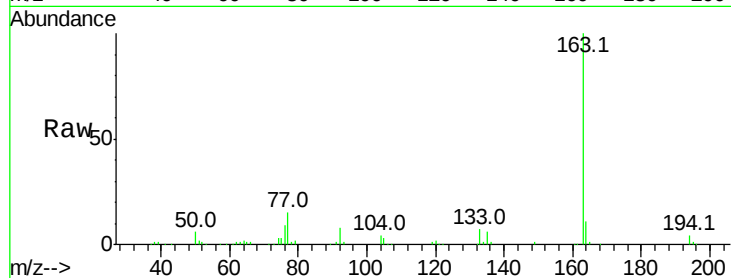
Tot Ion:163 Resp: 173552

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

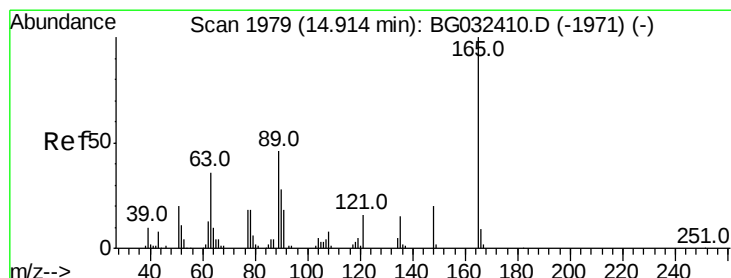
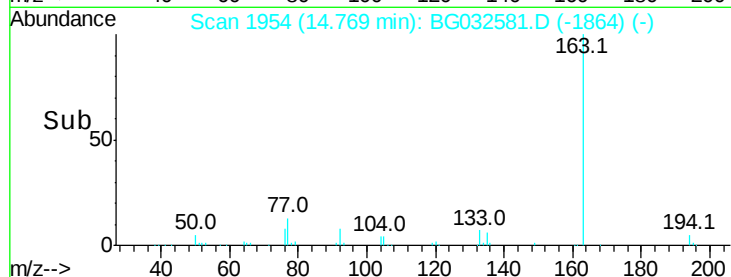
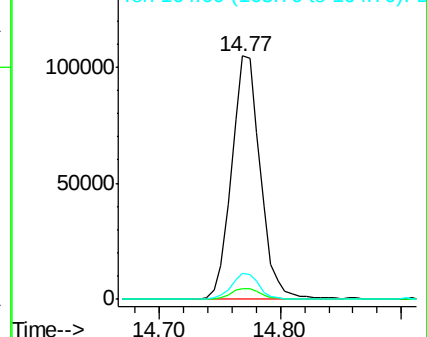
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.464 ng

RT: 14.90 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

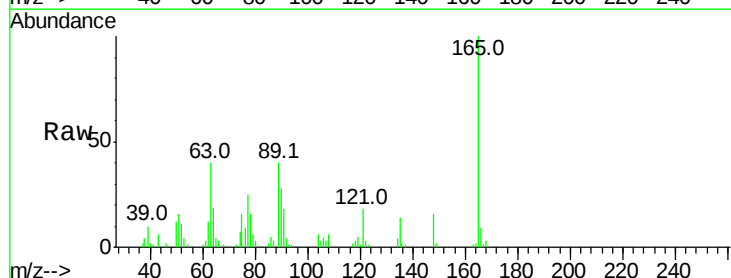
Tgt Ion:165 Resp: 35768

Ion Ratio Lower Upper

165 100

63 39.8 52.7 79.1#

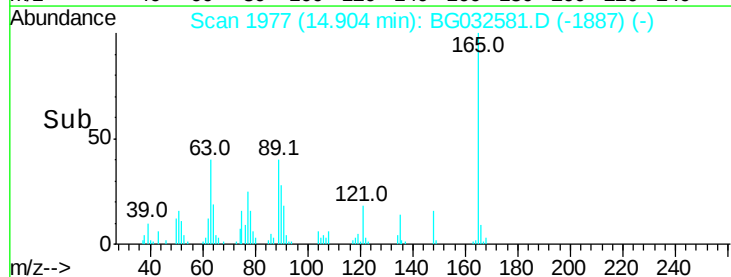
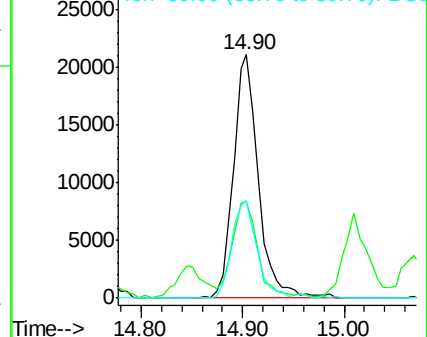
89 40.3 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 38.181 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

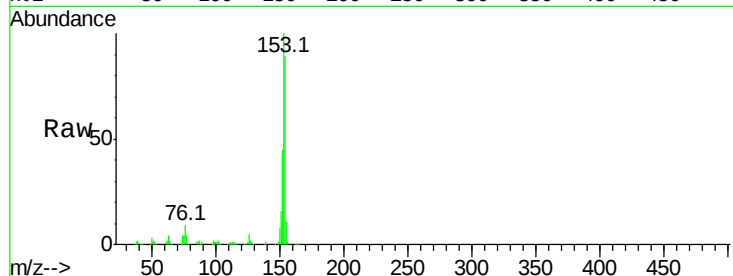
Tot Ion:154 Resp: 138144

Ion Ratio Lower Upper

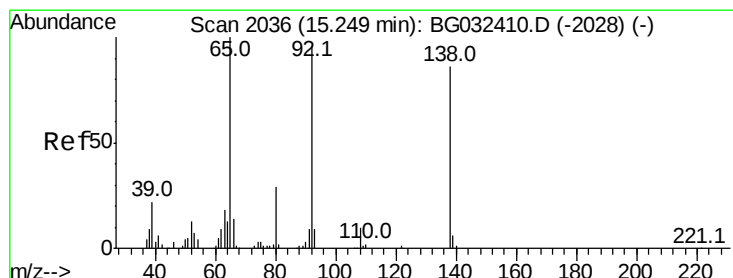
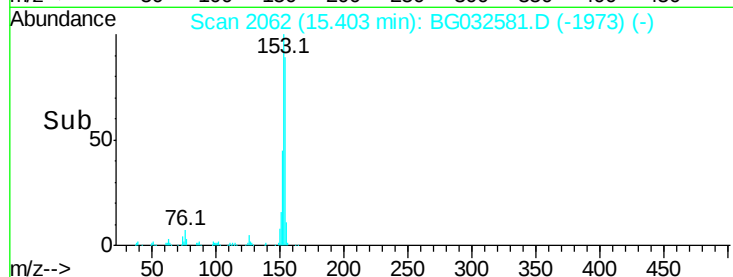
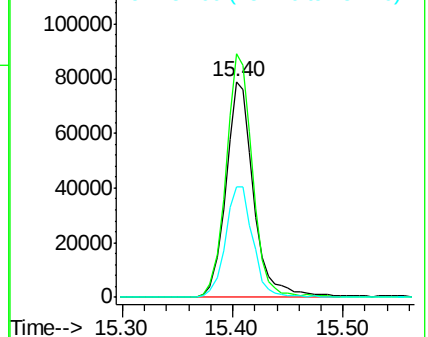
154 100

153 113.0 90.4 135.6

152 51.4 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.456 ng

RT: 15.24 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

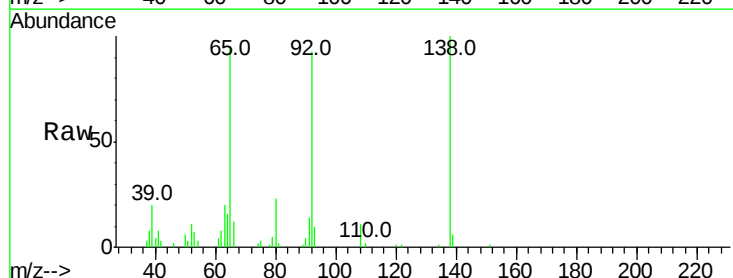
Tgt Ion:138 Resp: 25068

Ion Ratio Lower Upper

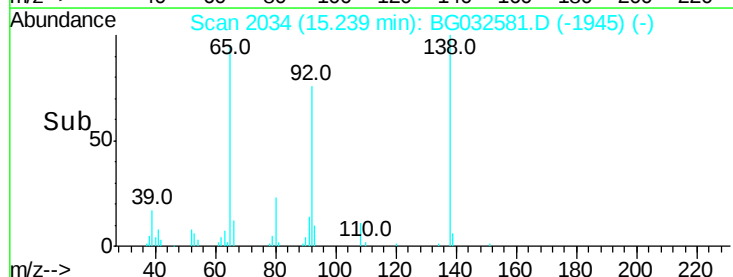
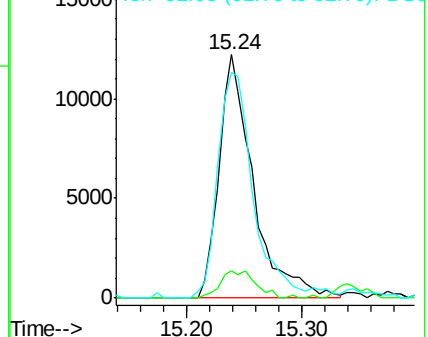
138 100

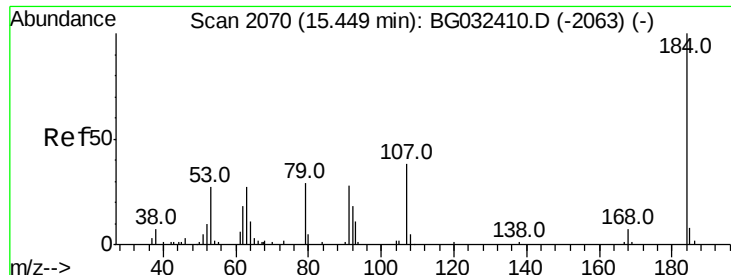
108 11.4 17.5 26.3#

92 92.5 105.8 158.8#



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

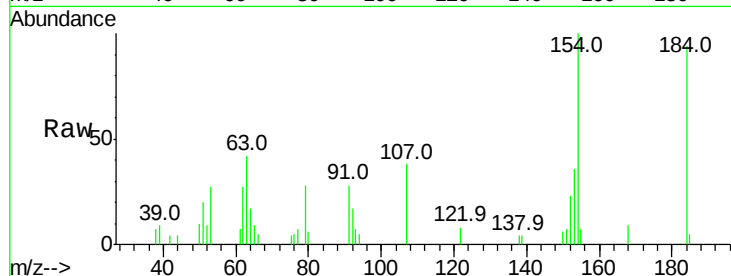




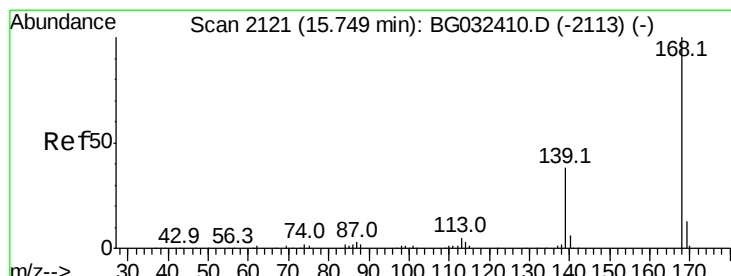
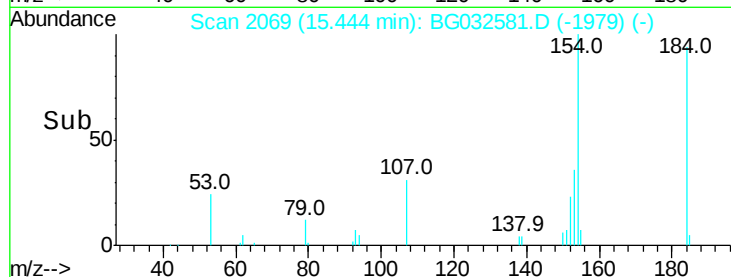
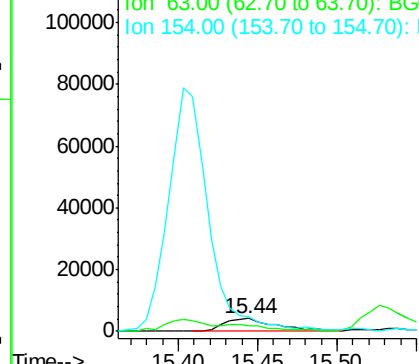
#53
 2,4-Dinitrophenol
 Concen: 18.527 ng
 RT: 15.44 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 9571
 Ion Ratio Lower Upper
 184 100
 63 44.5 59.8 89.8#
 154 106.3 101.8 152.8

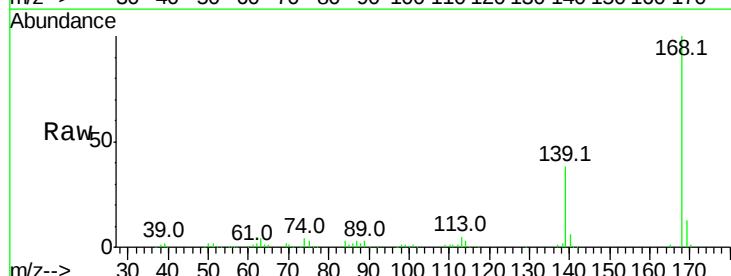


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

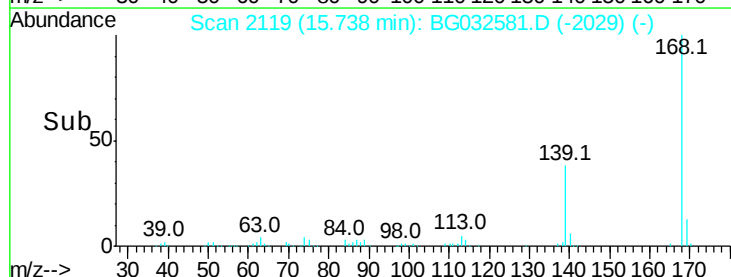
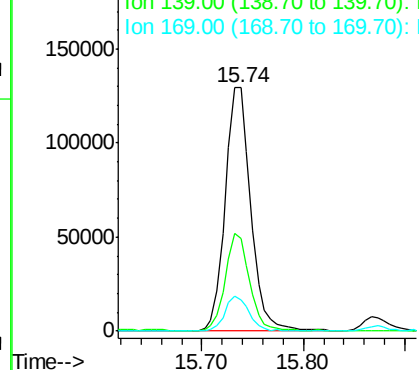


#54
 Dibenzofuran
 Concen: 42.447 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:168 Resp: 227312
 Ion Ratio Lower Upper
 168 100
 139 37.9 28.6 43.0
 169 12.9 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: 90.823 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

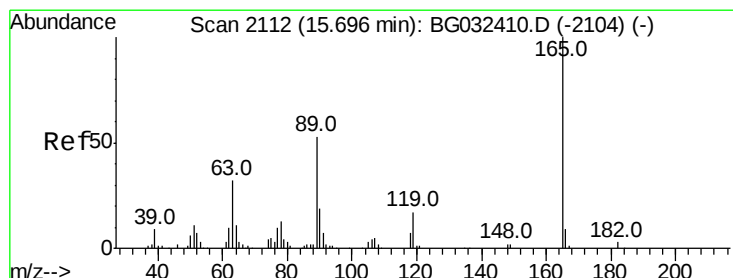
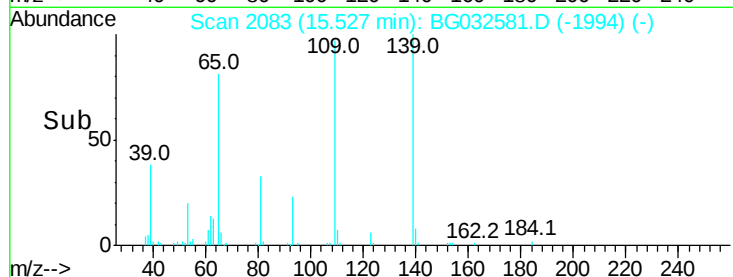
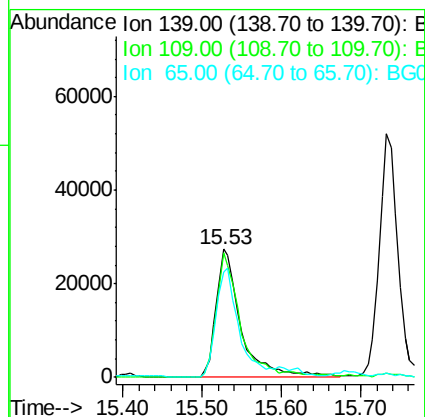
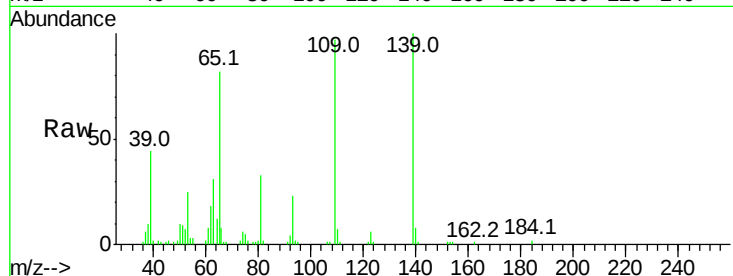
Tot Ion:139 Resp: 59899

Ion Ratio Lower Upper

139 100

109 96.8 62.2 102.2

65 82.3 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 42.328 ng

RT: 15.68 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Tgt Ion:165 Resp: 60783

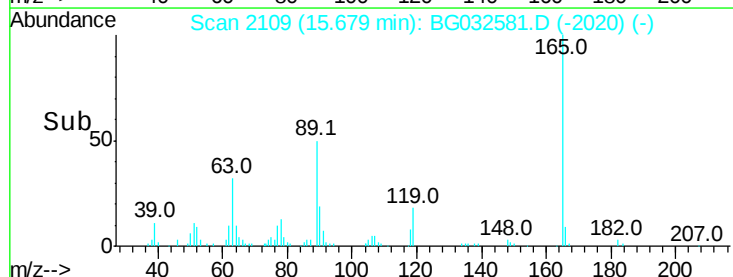
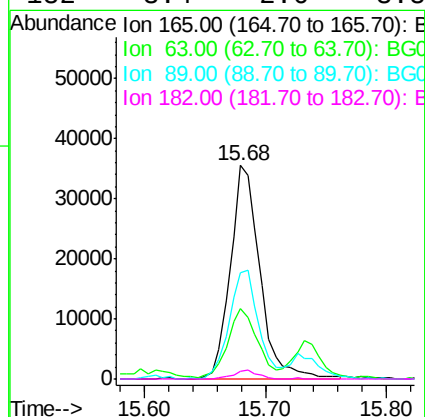
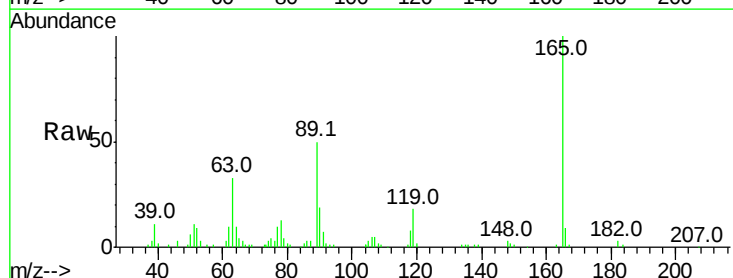
Ion Ratio Lower Upper

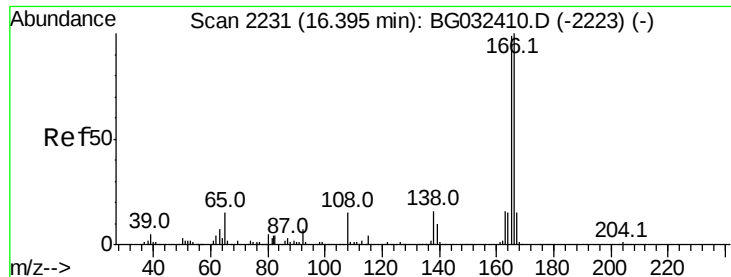
165 100

63 33.0 42.0 63.0#

89 49.9 66.9 100.3#

182 3.4 2.6 3.8





#57

Fluorene

Concen: 41.221 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampled :

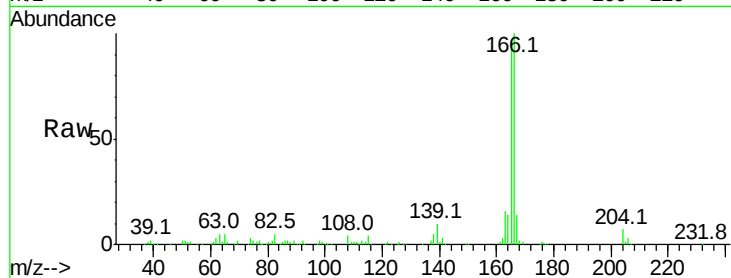
Tot Ion:166 Resp: 183433

Ion Ratio Lower Upper

166 100

165 96.9 80.6 121.0

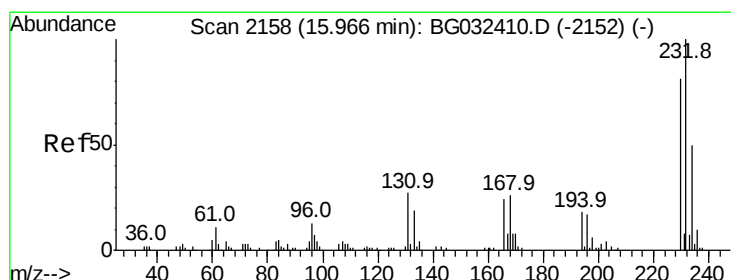
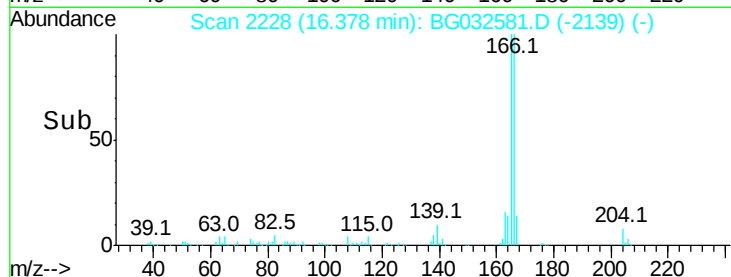
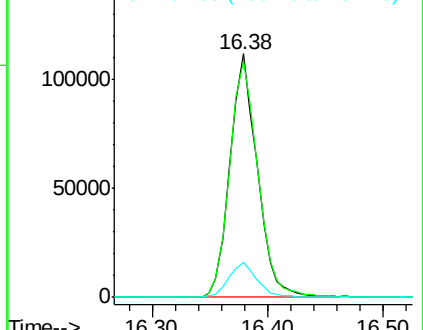
167 14.3 10.4 15.6



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: 41.938 ng

RT: 15.96 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Tgt Ion:232 Resp: 63945

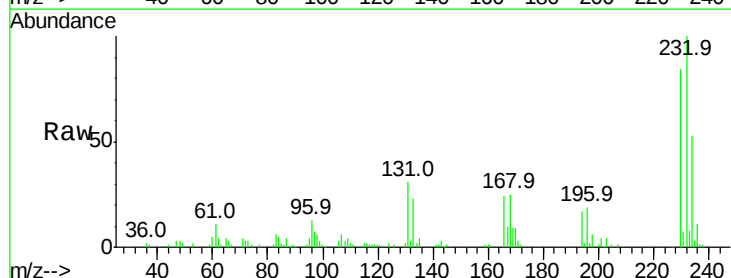
Ion Ratio Lower Upper

232 100

131 30.7 33.5 50.3#

130 2.1 2.2 3.2#

166 27.0 24.8 37.2

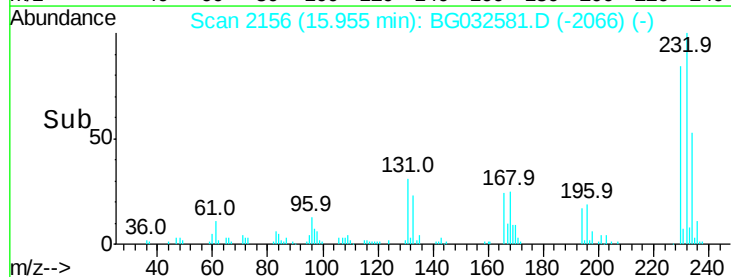
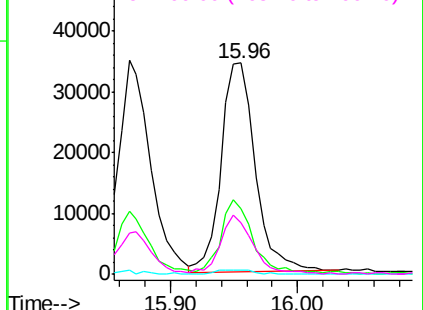


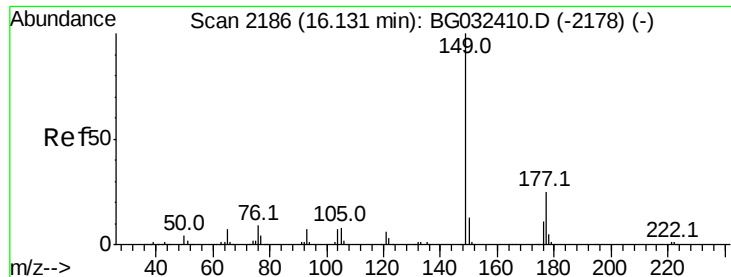
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

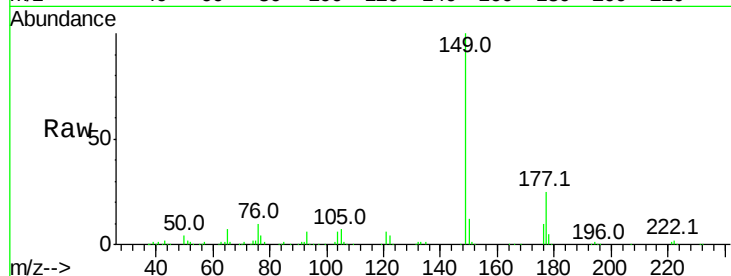




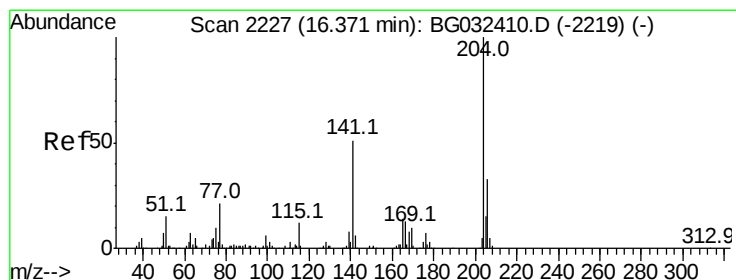
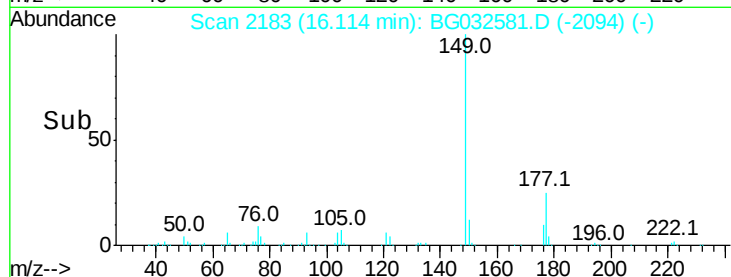
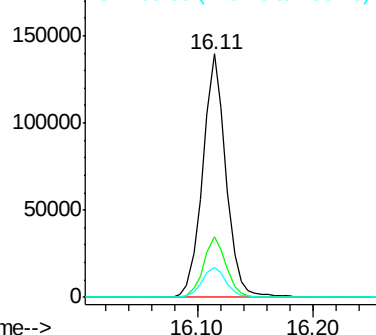
#59
Diethylphthalate
Concen: 41.436 ng
RT: 16.11 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.1	18.5	27.7
150	12.2	10.2	15.2

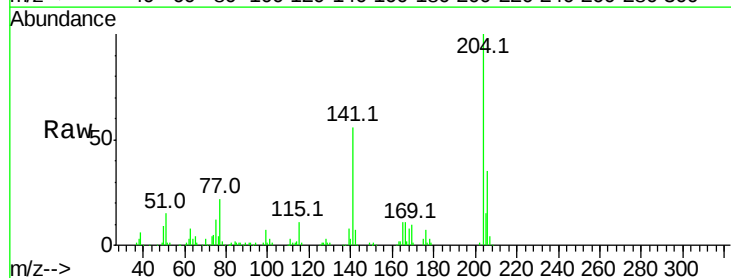


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

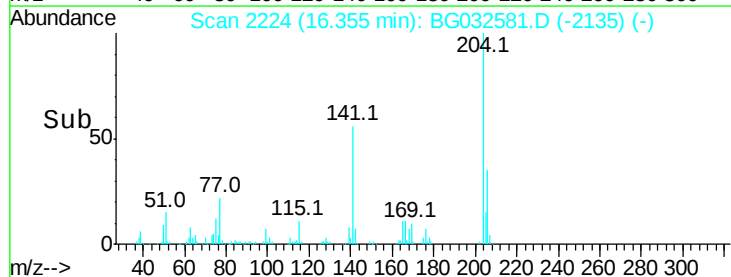
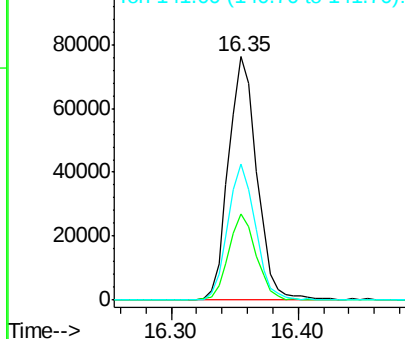


#60
4-Chlorophenyl-phenylether
Concen: 41.998 ng
RT: 16.35 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.3	26.2	39.2
141	55.8	45.8	68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

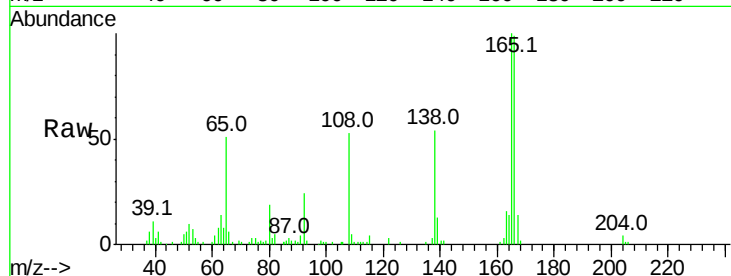




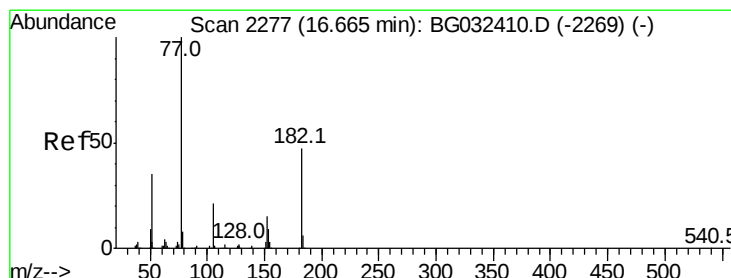
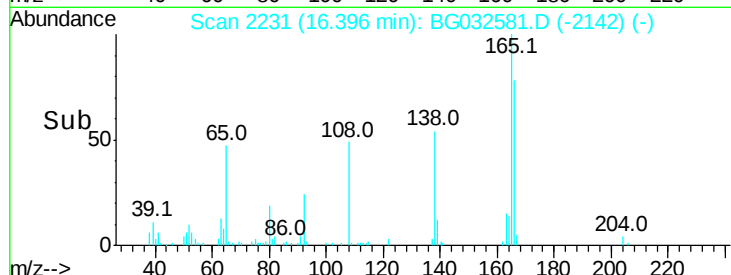
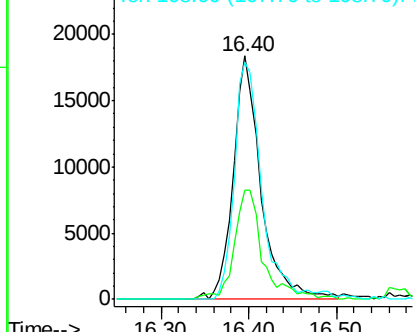
#61
4-Nitroaniline
Concen: 41.808 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 39475
Ion Ratio Lower Upper
138 100
92 45.1 40.1 80.1
108 97.7 65.4 105.4

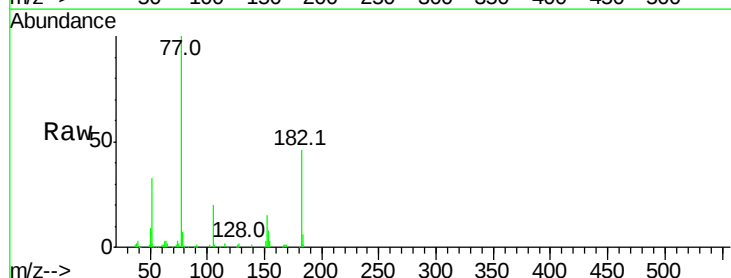


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

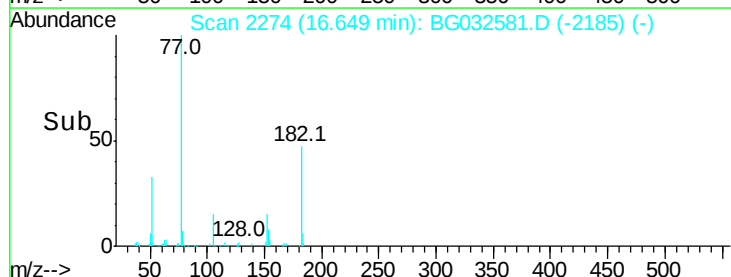
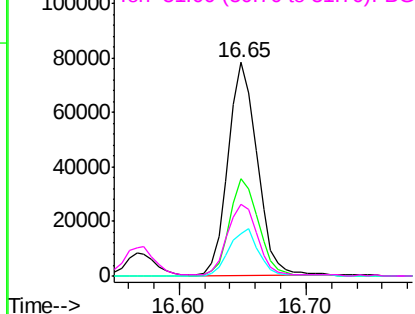


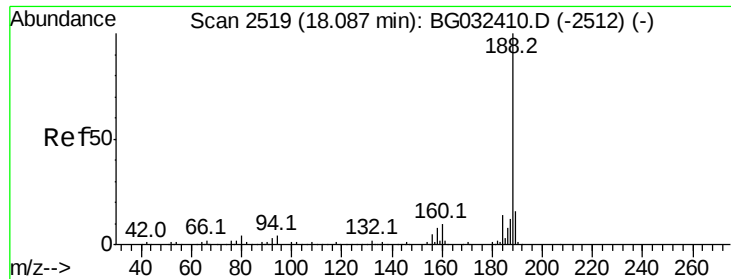
#62
Azobenzene
Concen: 44.394 ng
RT: 16.65 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion: 77 Resp: 124163
Ion Ratio Lower Upper
77 100
182 45.8 7.4 47.4
105 19.9 0.3 40.3
51 33.4 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

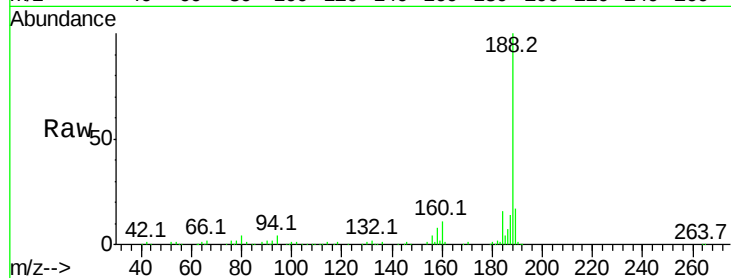




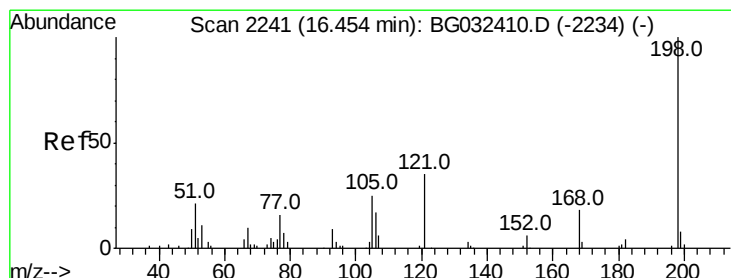
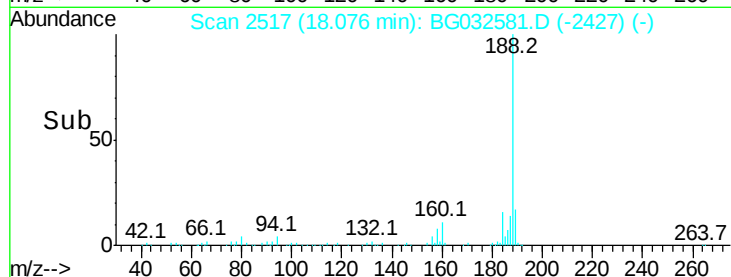
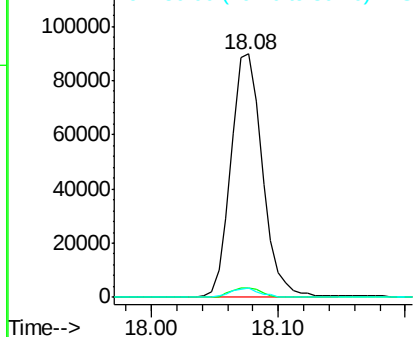
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 154655
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.1 7.7 11.5#

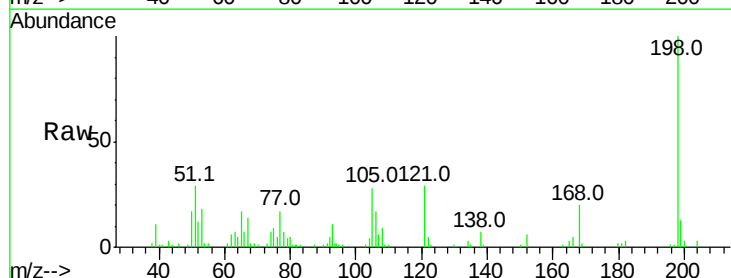


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

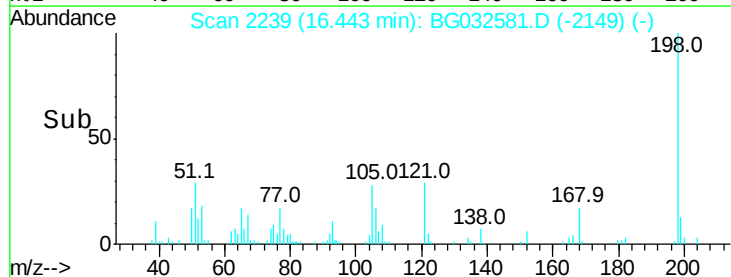
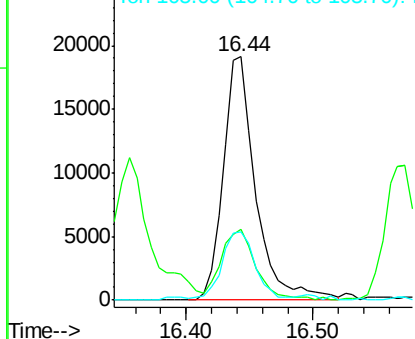


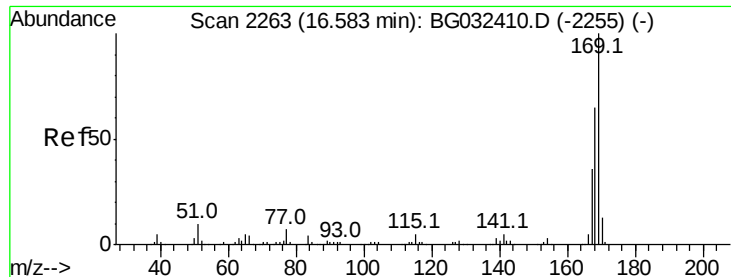
#64
4,6-Dinitro-2-methylphenol
Concen: 29.210 ng
RT: 16.44 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion:198 Resp: 33748
Ion Ratio Lower Upper
198 100
51 29.0 30.6 70.6#
105 27.8 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: 39.550 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampled :

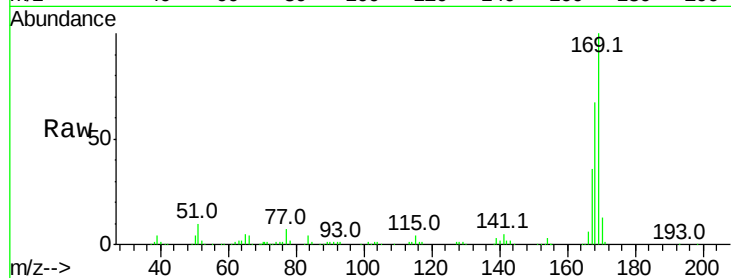
Tot Ion:169 Resp: 182540

Ion Ratio Lower Upper

169 100

168 67.4 55.7 83.5

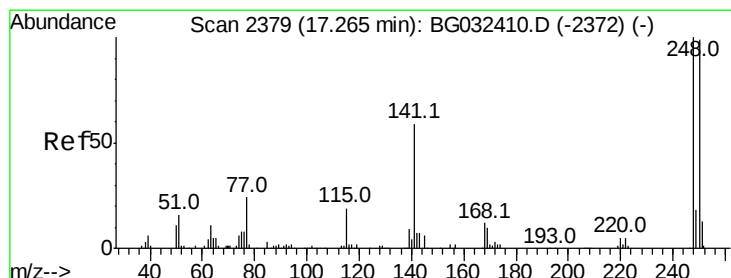
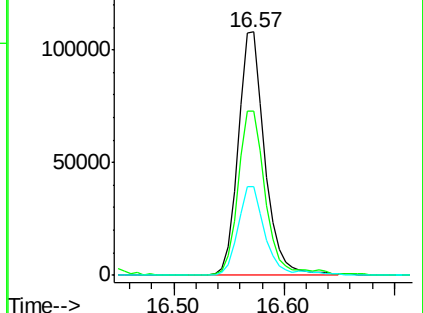
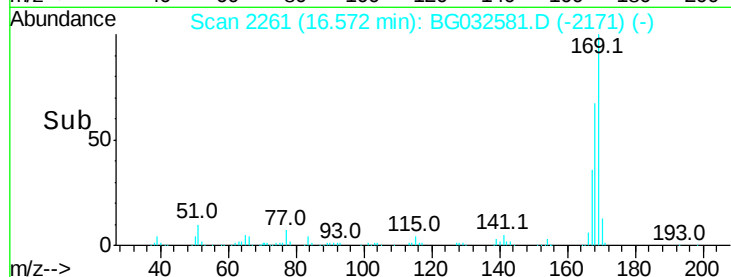
167 36.4 30.1 45.1



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: 38.800 ng

RT: 17.25 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

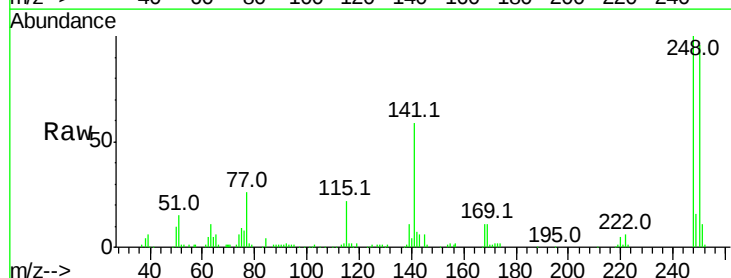
Tgt Ion:248 Resp: 88898

Ion Ratio Lower Upper

248 100

250 95.7 77.1 115.7

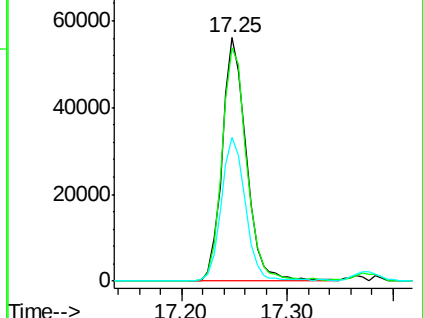
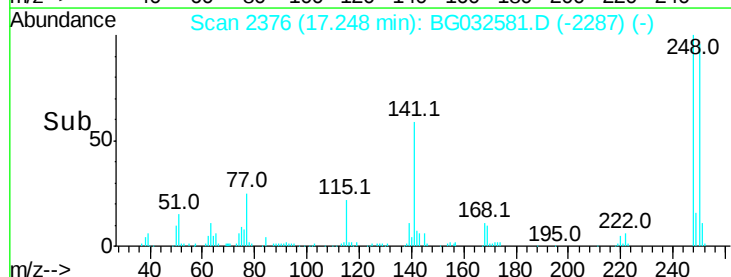
141 59.0 50.8 76.2

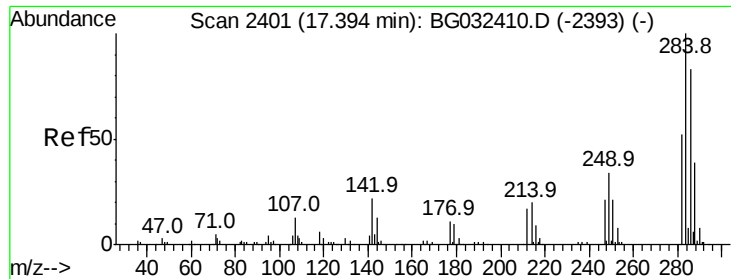


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.223 ng

RT: 17.38 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

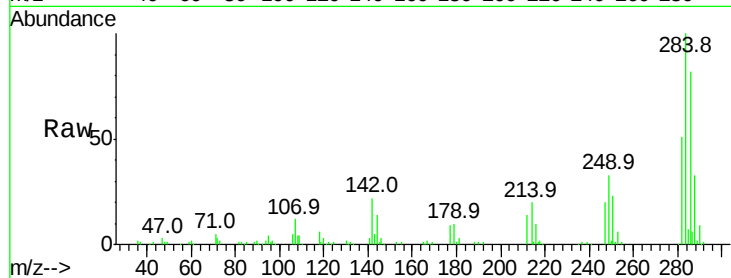
Tot Ion:284 Resp: 96917

Ion Ratio Lower Upper

284 100

142 22.4 26.8 40.2#

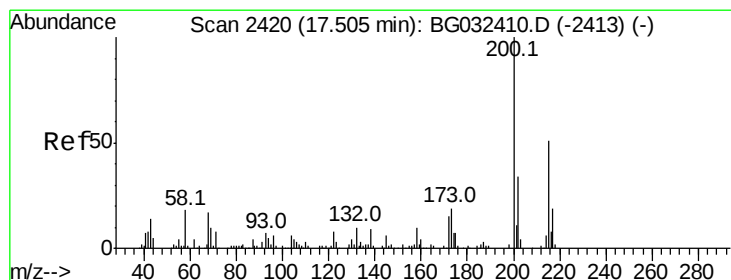
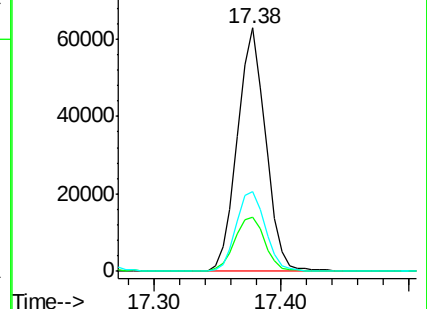
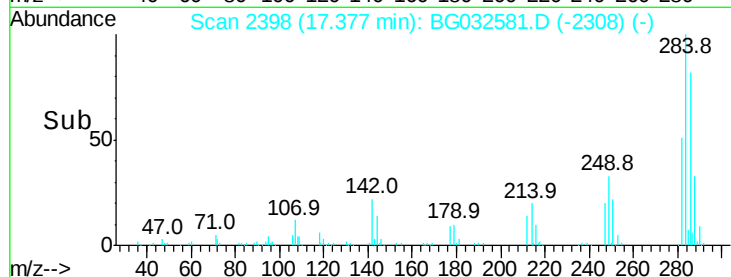
249 33.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.566 ng

RT: 17.49 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

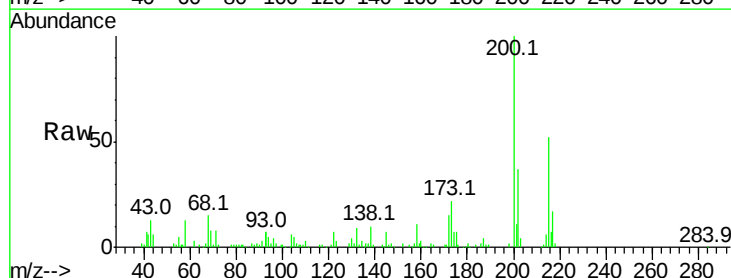
Tgt Ion:200 Resp: 84337

Ion Ratio Lower Upper

200 100

173 22.1 5.2 45.2

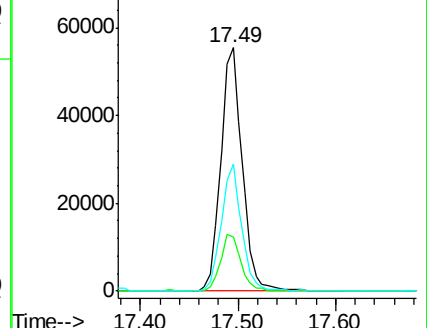
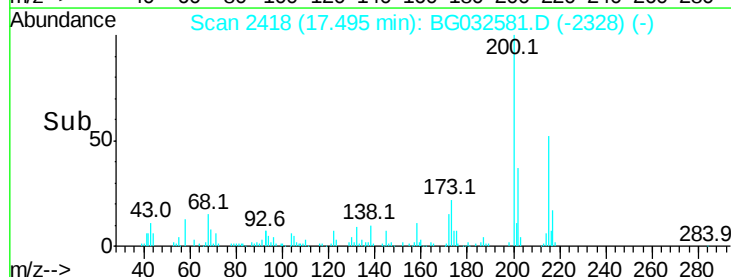
215 52.0 30.4 70.4

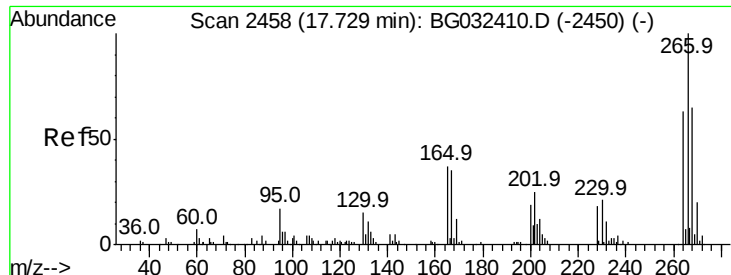


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

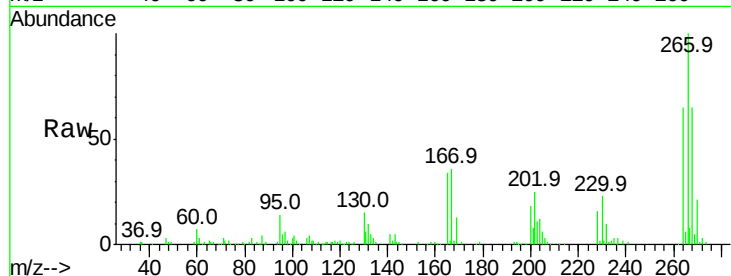




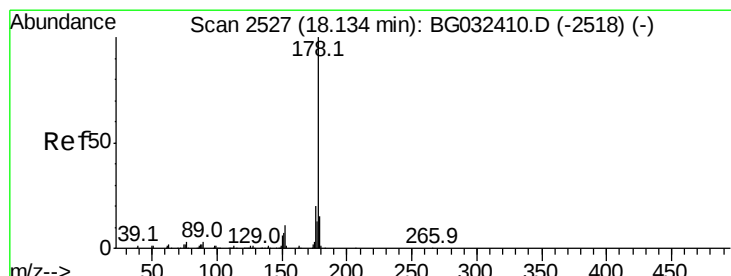
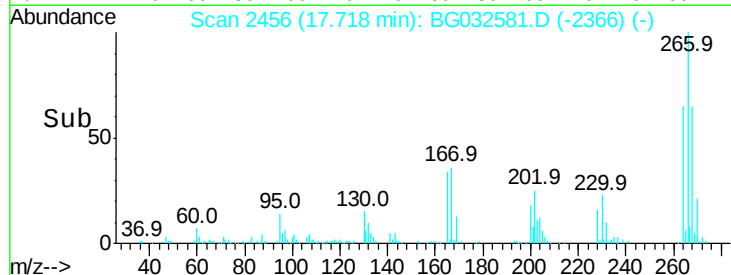
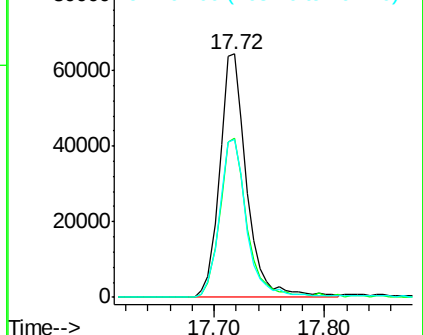
#69
 Pentachlorophenol
 Concen: 69.273 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 110031
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 65.0 49.6 74.4

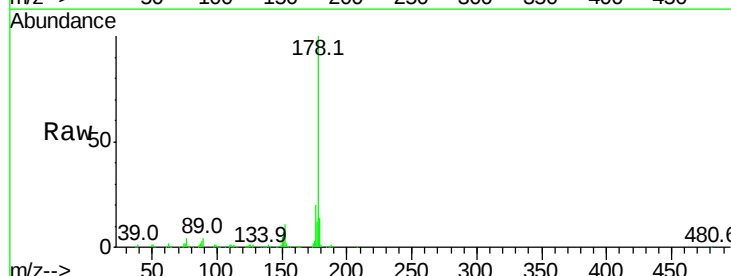


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

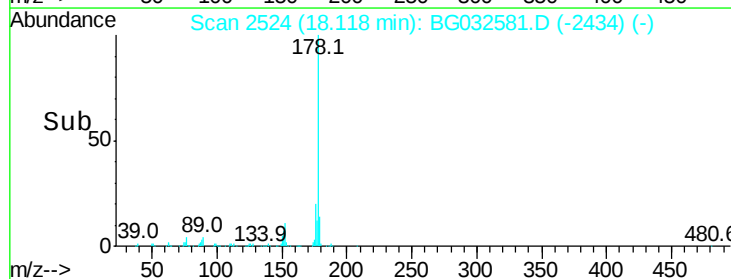
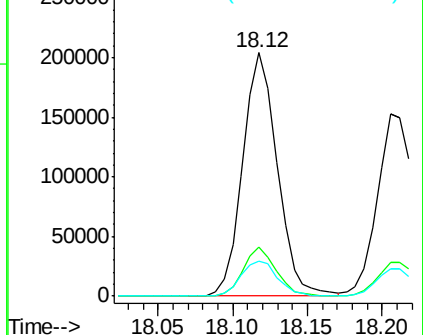


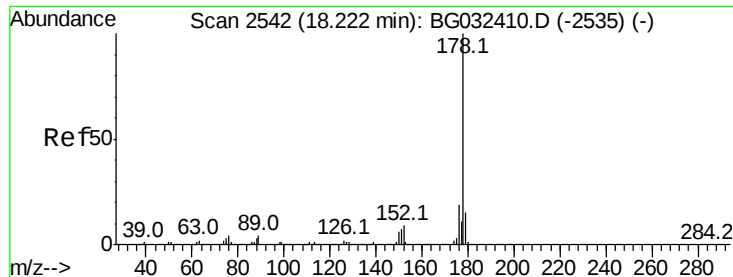
#70
 Phenanthrene
 Concen: 37.952 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:178 Resp: 327325
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 14.5 12.5 18.7



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

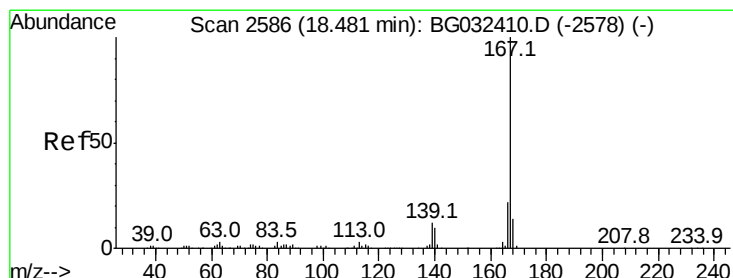
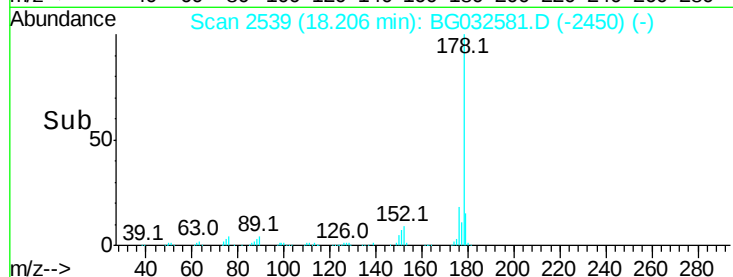
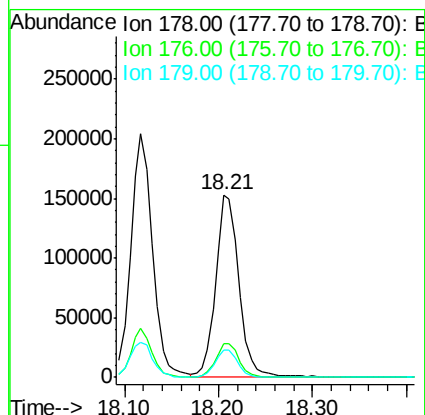
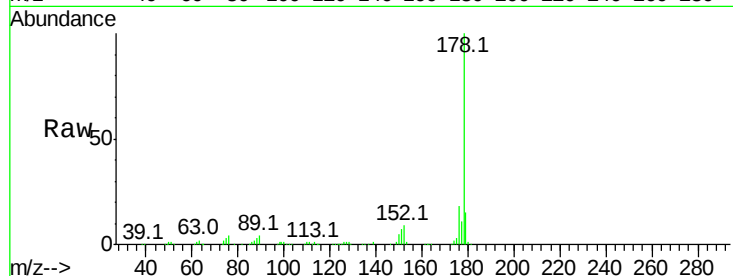




#71
 Anthracene
 Concen: 30.802 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

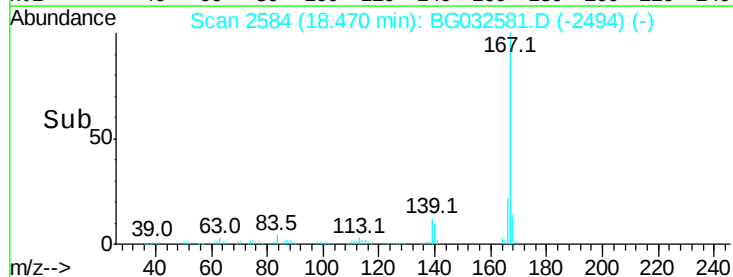
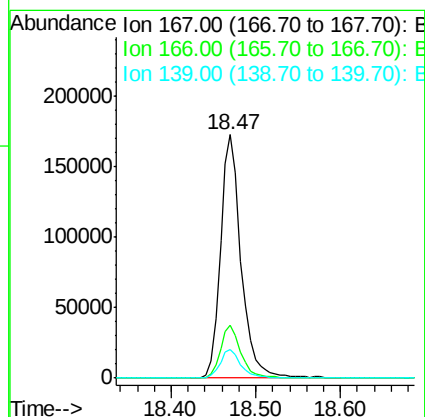
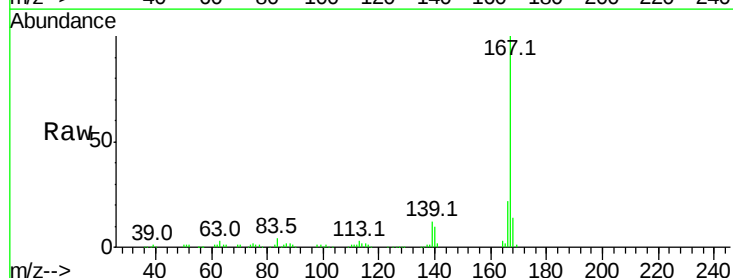
Instrument :
 BNA_G
 ClientSampleId :

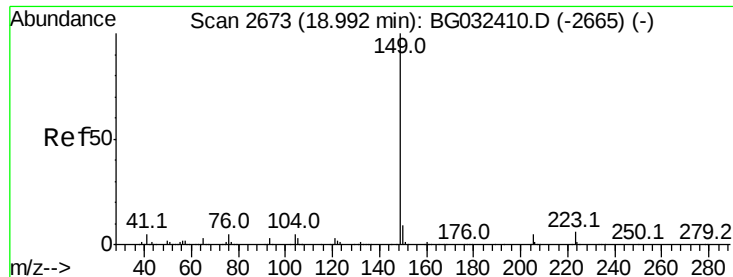
Tot Ion:178 Resp: 264514
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.0 24.0
 179 15.3 12.5 18.7



#72
 Carbazole
 Concen: 38.625 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:167 Resp: 293070
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 12.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 38.840 ng

RT: 18.98 min Scan# 2670

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

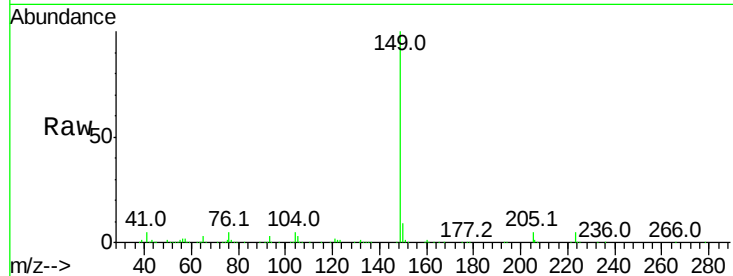
Tot Ion:149 Resp: 326289

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

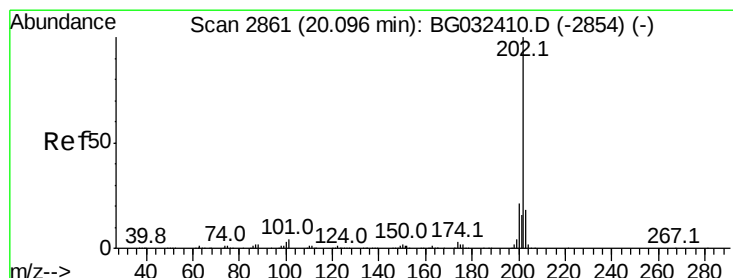
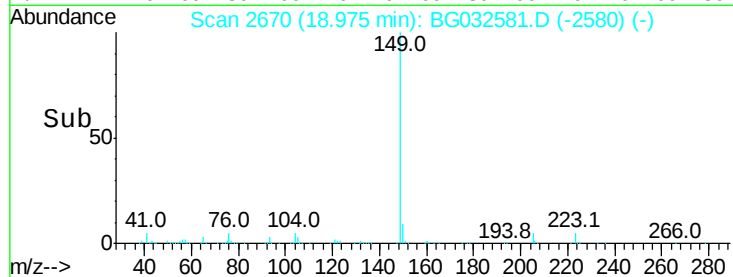
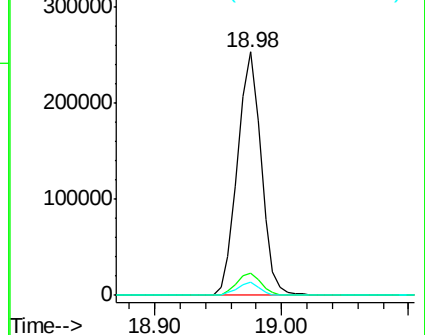
104 5.2 3.9 5.9



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: 38.474 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

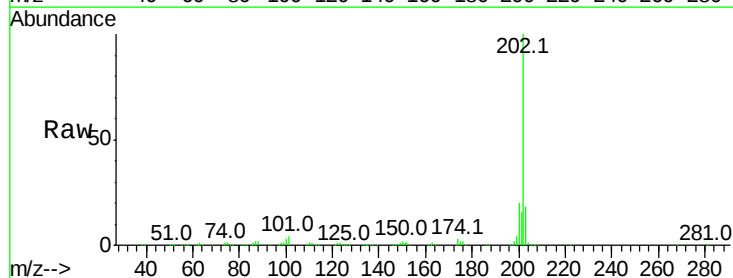
Tgt Ion:202 Resp: 435160

Ion Ratio Lower Upper

202 100

101 4.4 0.0 28.9

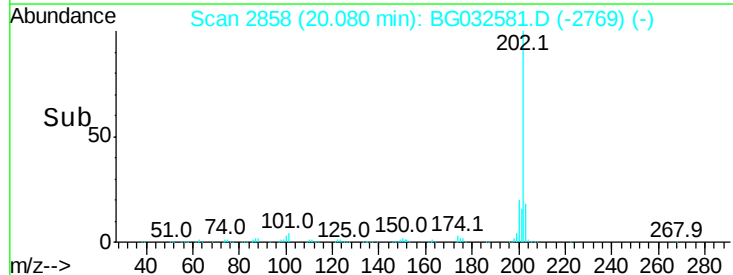
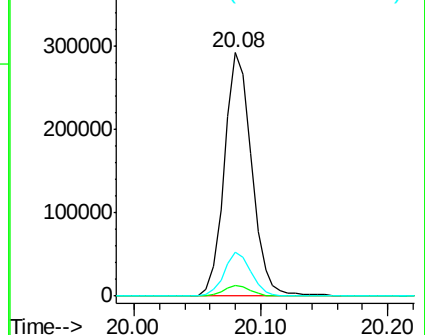
203 18.2 0.0 37.5

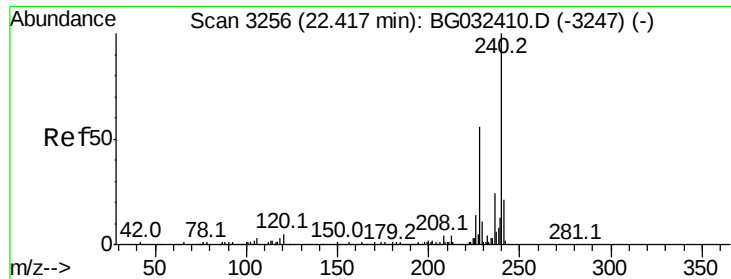


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

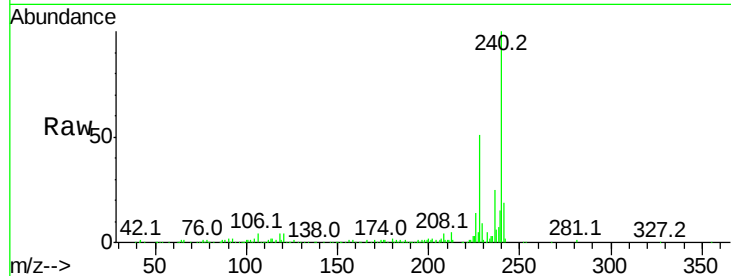
Tot Ion:240 Resp: 191563

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

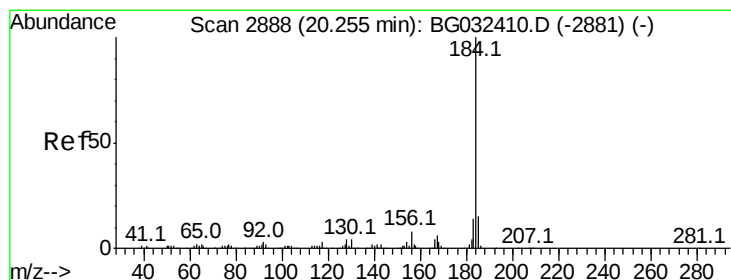
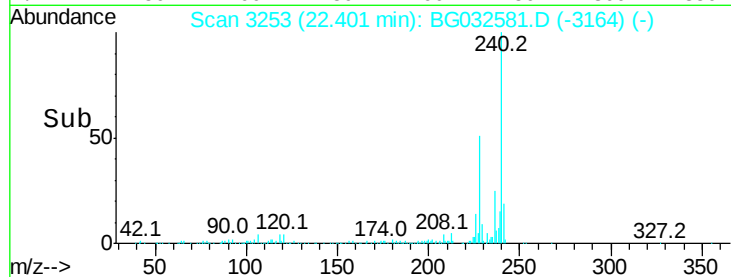
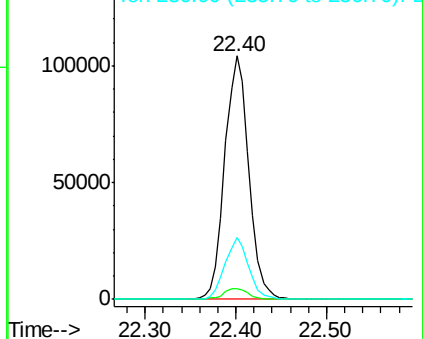
236 25.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.325 ng

RT: 20.24 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

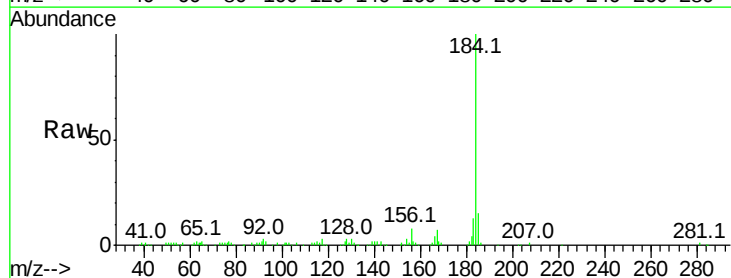
Tgt Ion:184 Resp: 121592

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

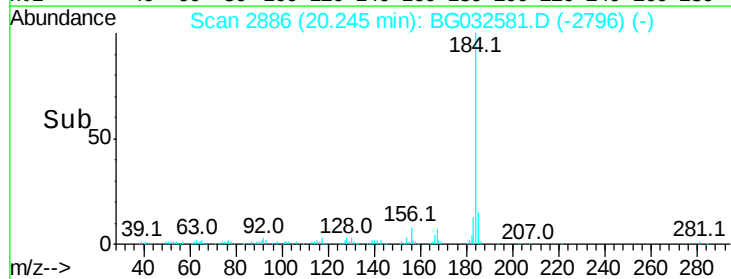
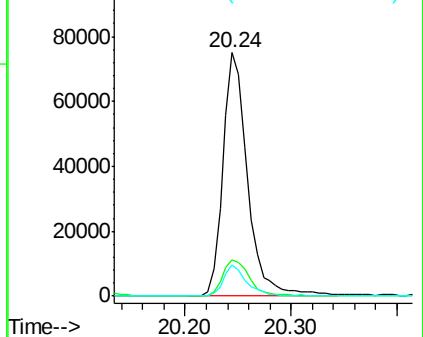
183 12.9 10.6 16.0

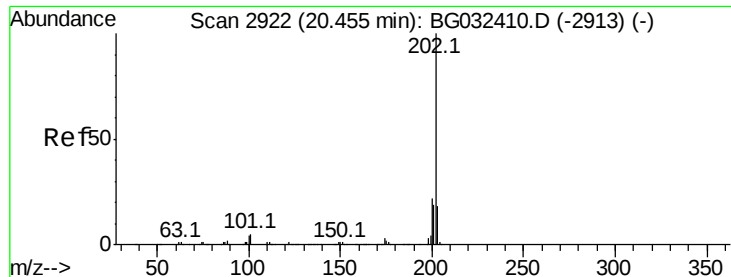


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

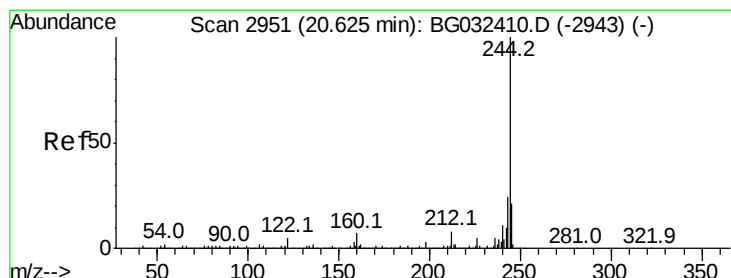
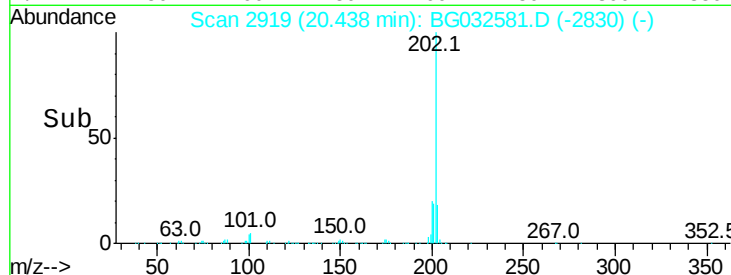
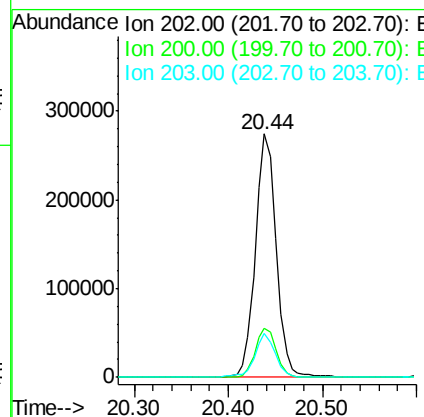
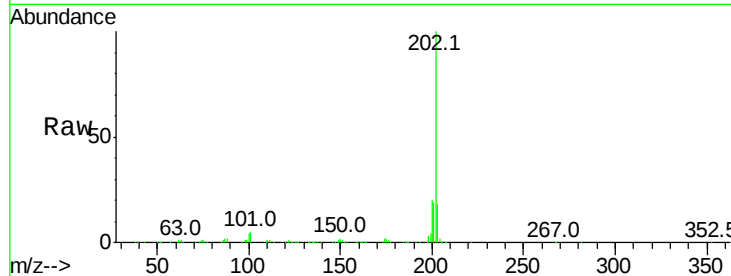




#77
Pvrene
Concen: 35.966 ng
RT: 20.44 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

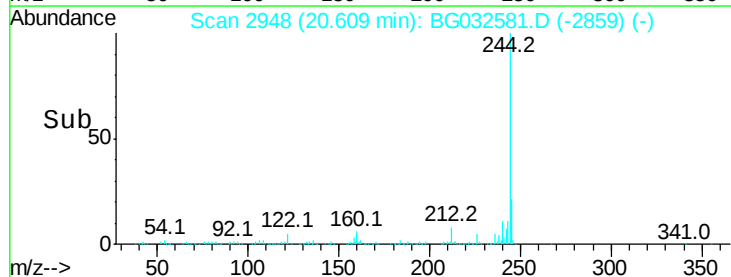
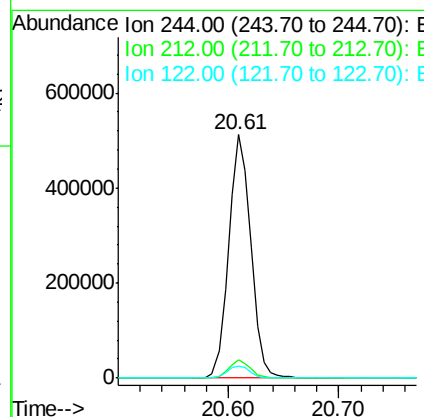
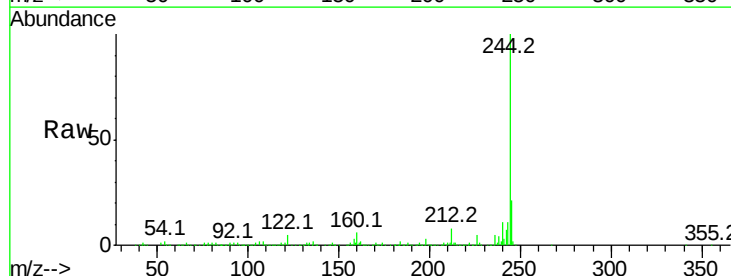
Instrument :
BNA_G
ClientSampleId :

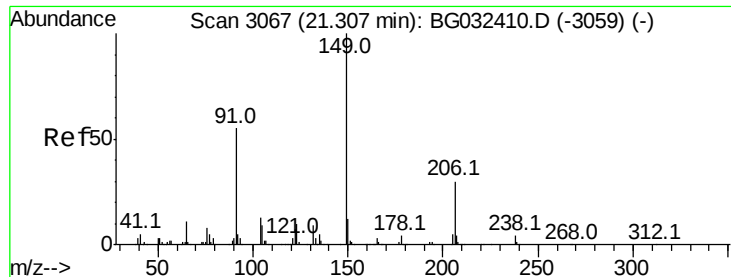
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.9	25.3
203	17.9	13.9	20.9



#78
Terphenyl-d14
Concen: 80.493 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.0	7.0	10.4#

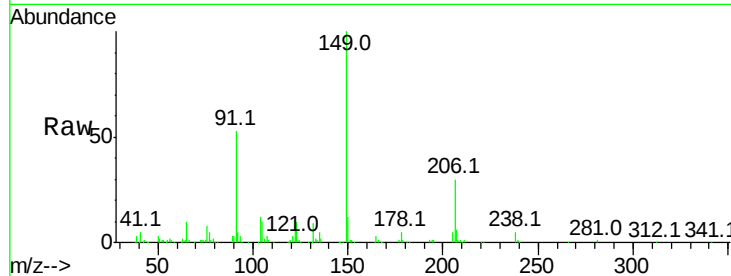




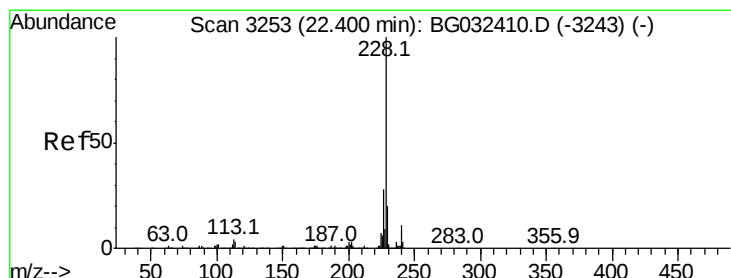
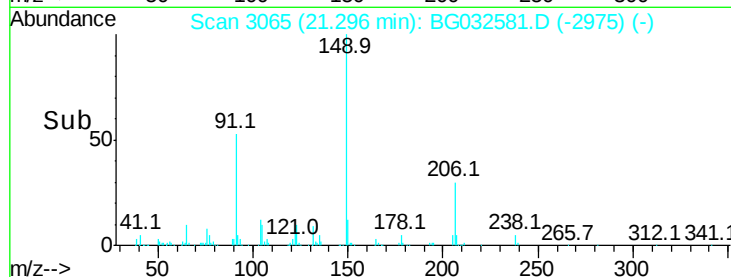
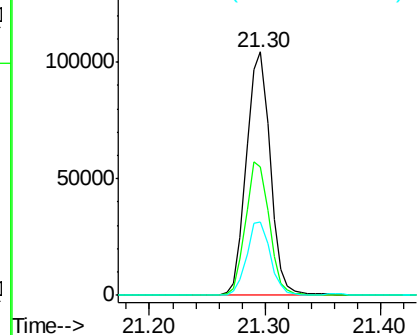
#79
Butylbenzylphthalate
Concen: 40.496 ng
RT: 21.30 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 150080
Ion Ratio Lower Upper
149 100
91 52.8 62.2 93.2#
206 30.4 18.6 27.8#

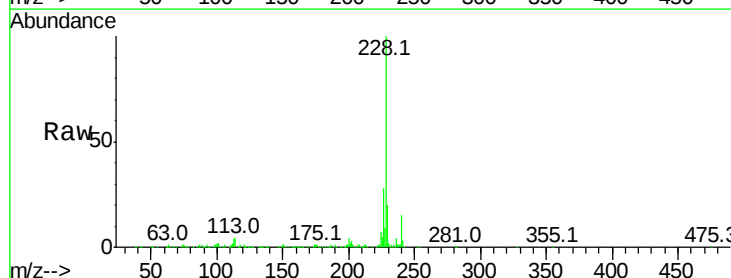


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E

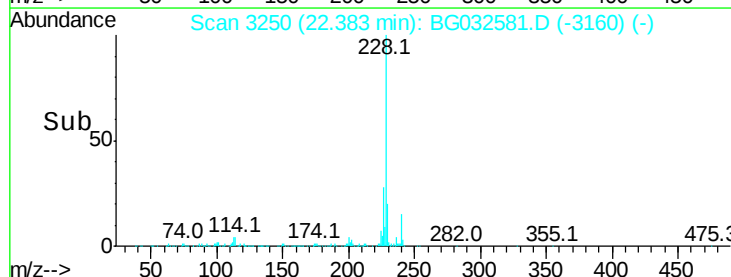
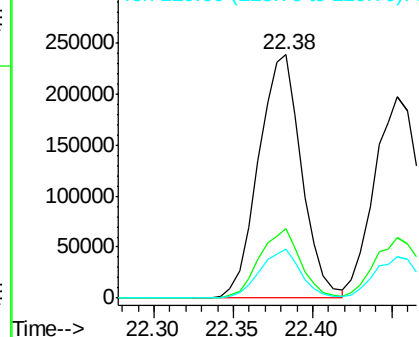


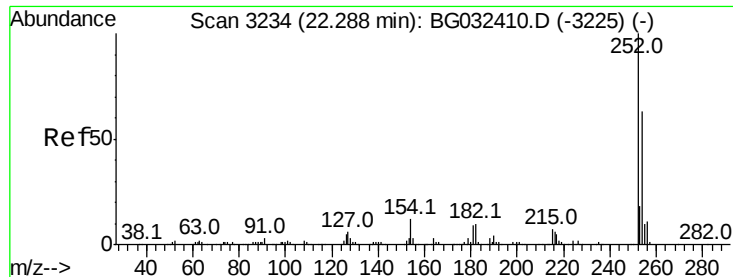
#80
Benzo(a)anthracene
Concen: 37.872 ng
RT: 22.38 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion:228 Resp: 449764
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.4 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

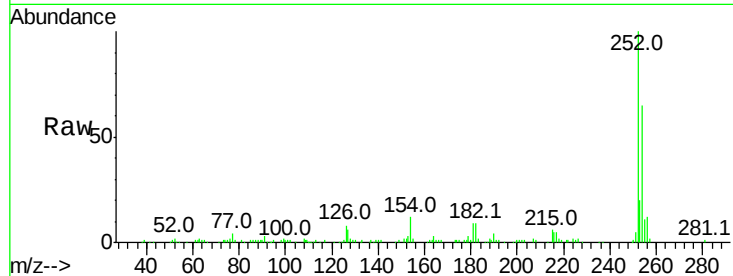




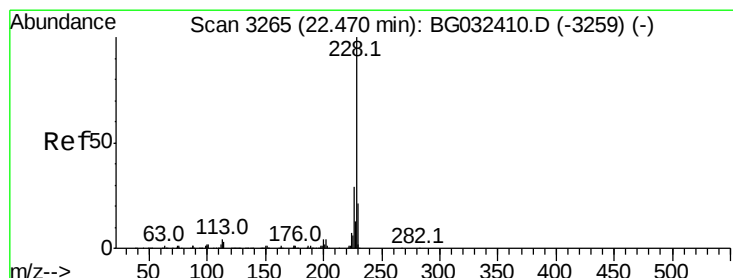
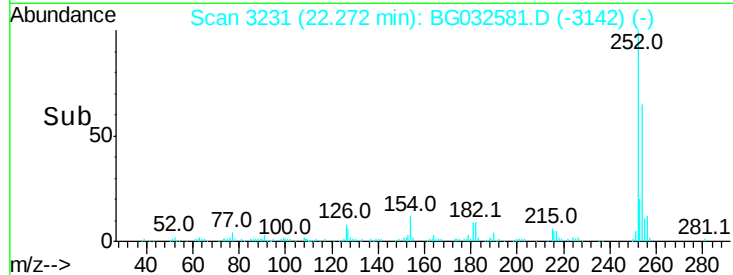
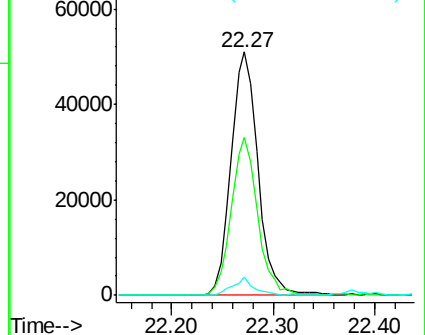
#81
 3,3'-Dichlorobenzidine
 Concen: 20.484 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 94253
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.8 76.2
 126 7.7 7.4 11.2

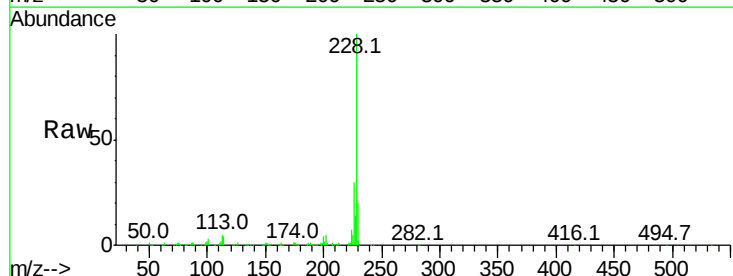


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

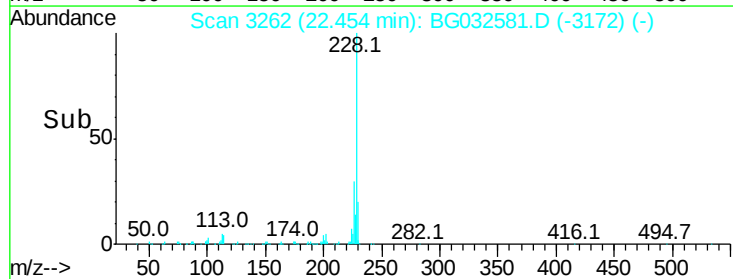
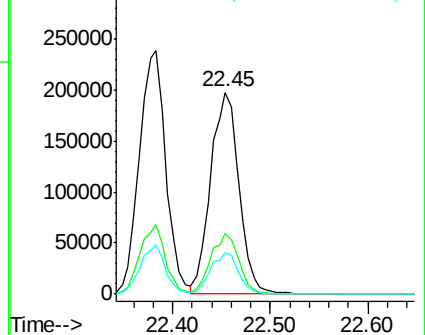


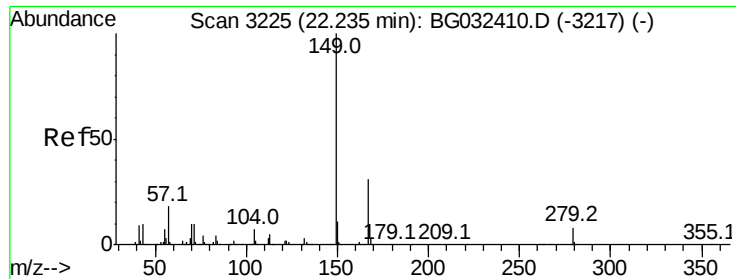
#82
 Chrysene
 Concen: 34.528 ng
 RT: 22.45 min Scan# 3262
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:228 Resp: 395995
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 20.3 15.0 22.4



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

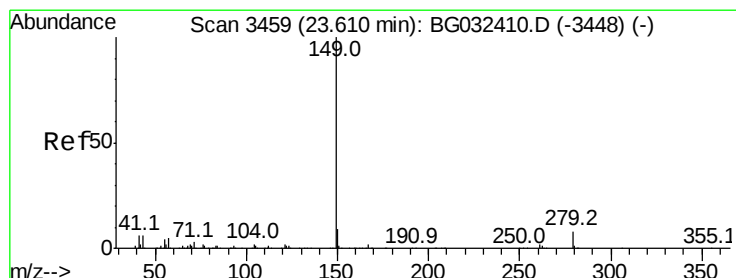
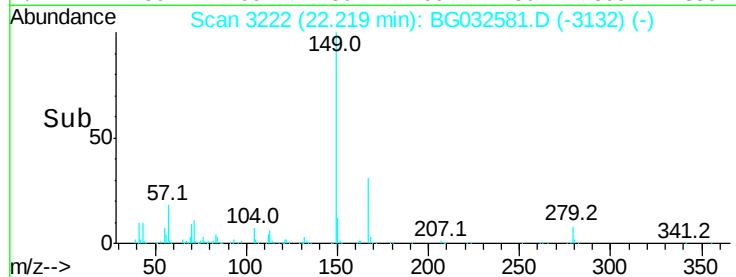
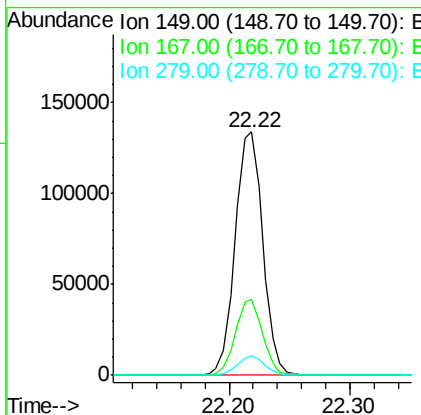
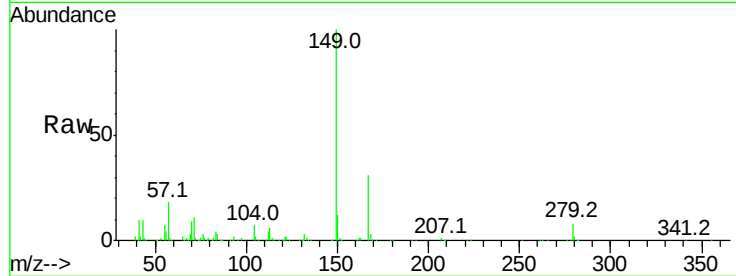




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.847 ng
 RT: 22.22 min Scan# 3222
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

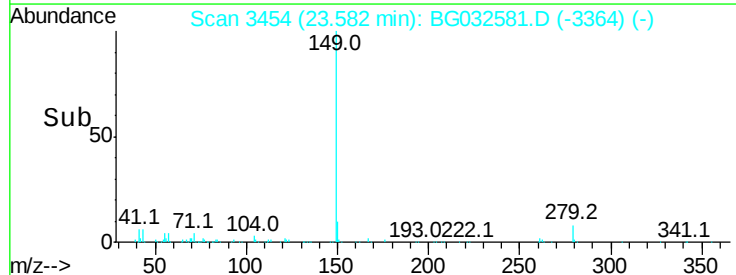
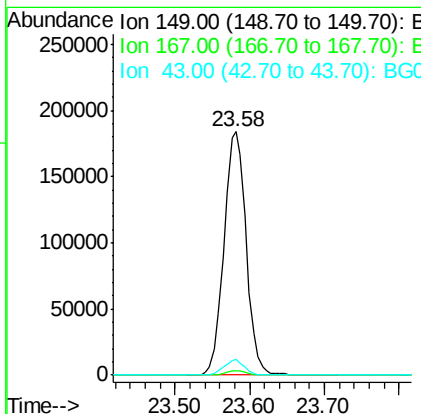
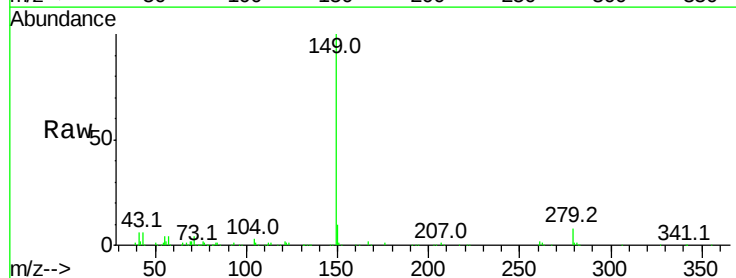
Instrument :
 BNA_G
 ClientSampleId :

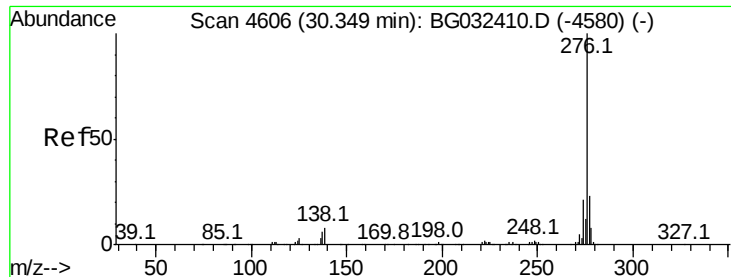
Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.3	36.5
279	7.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 45.631 ng
 RT: 23.58 min Scan# 3454
 Delta R.T. 0.00 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3

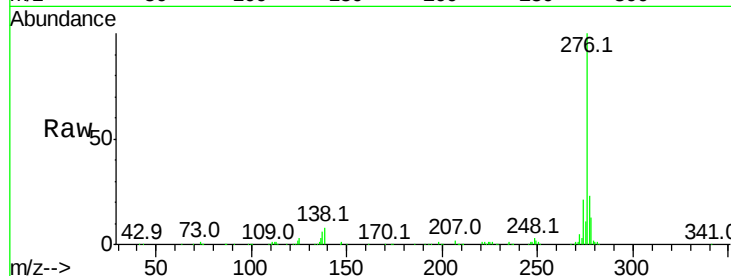




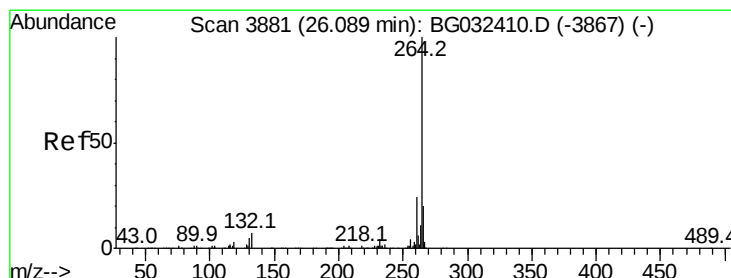
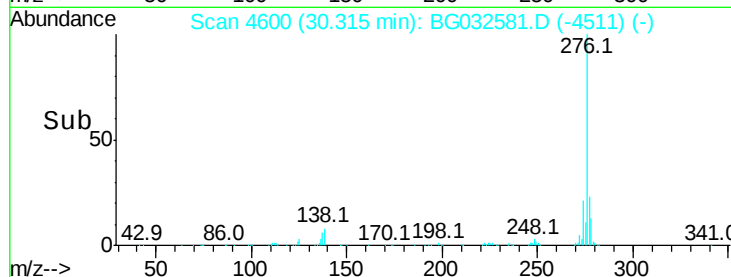
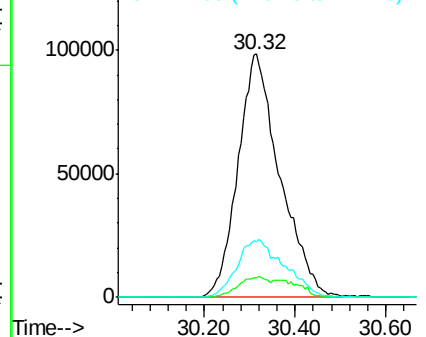
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.556 ng
 RT: 30.32 min Scan# 4600
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 631941
 Ion Ratio Lower Upper
 276 100
 138 6.1 16.0 24.0#
 277 26.7 20.0 30.0

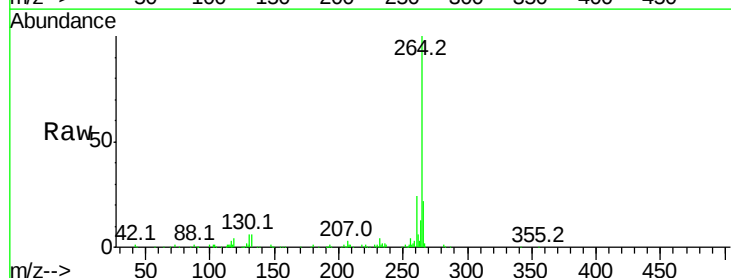


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

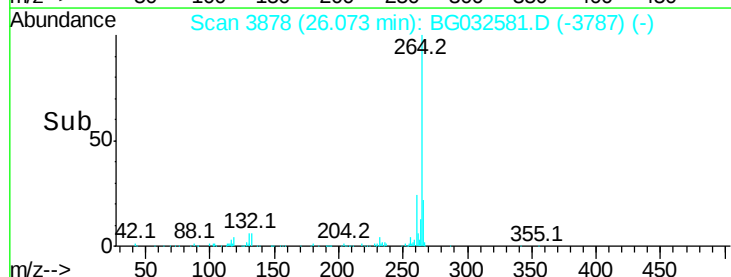
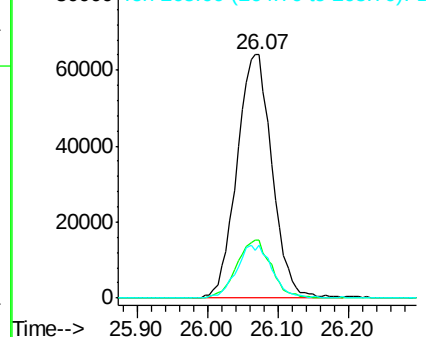


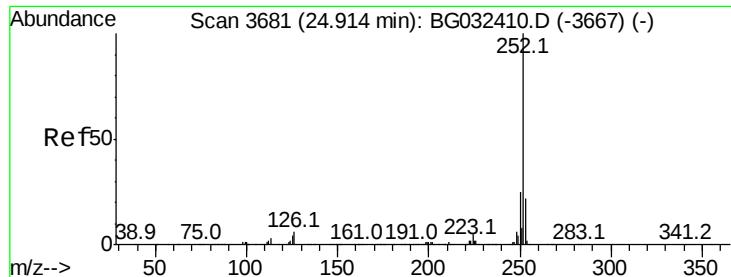
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Tgt Ion:264 Resp: 222030
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

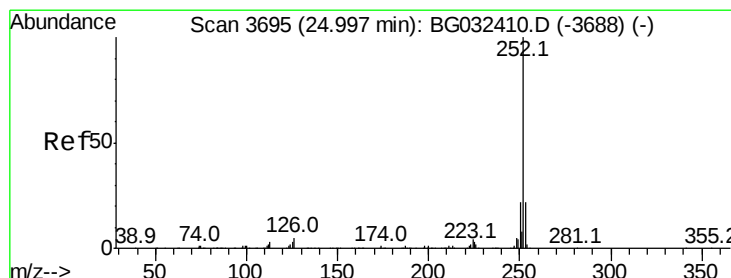
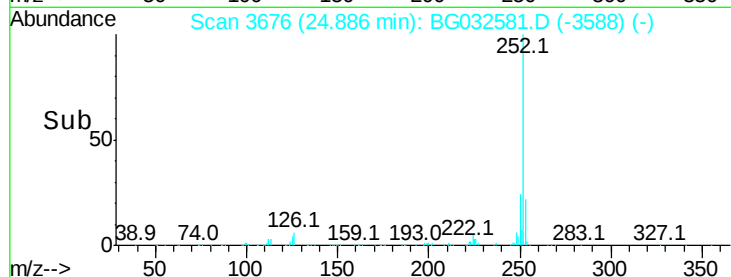
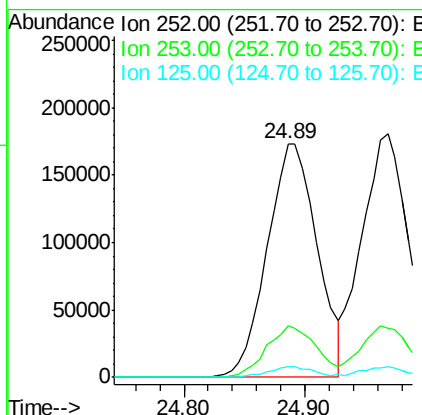
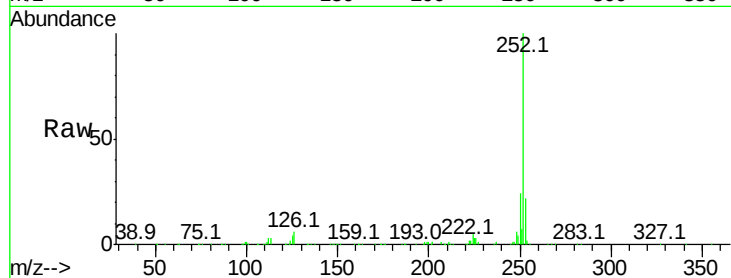




#87
Benzo(b)fluoranthene
Concen: 36.997 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

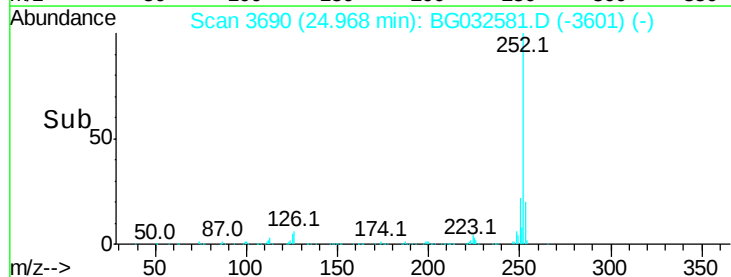
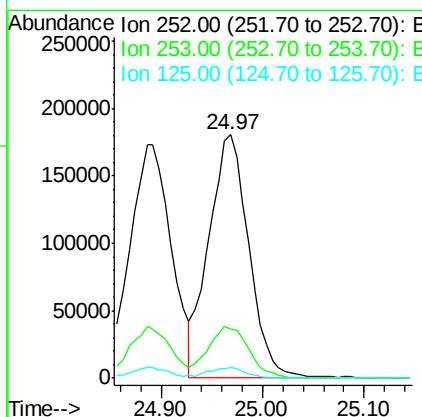
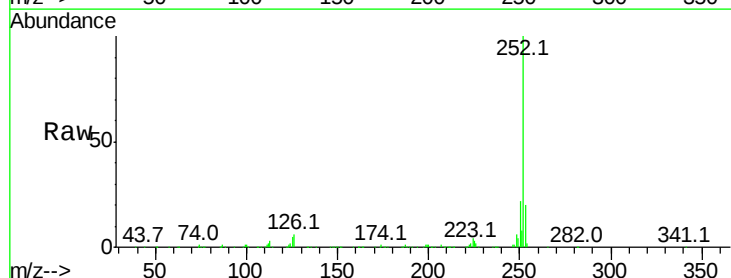
Instrument :
BNA_G
ClientSampled :

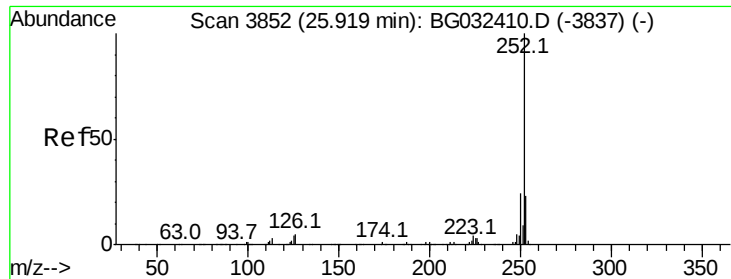
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	4.3	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 36.934 ng
RT: 24.97 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BG032581.D
Acq: 7 Feb 2018 3:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.4	26.2
125	4.5	6.6	9.8





#89

Benzo(a)pyrene

Concen: 38.710 ng

RT: 25.89 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

Instrument :

BNA_G

ClientSampleId :

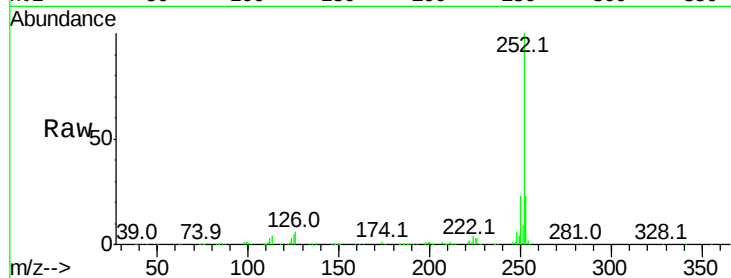
Tot Ion:252 Resp: 495096

Ion Ratio Lower Upper

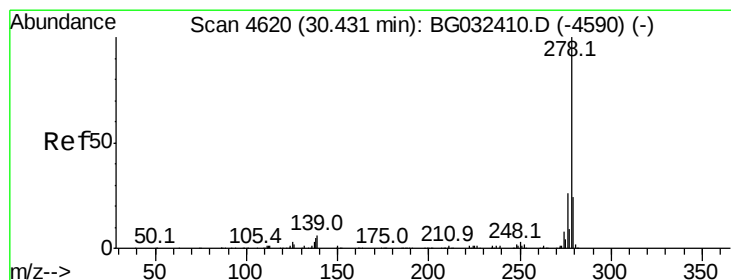
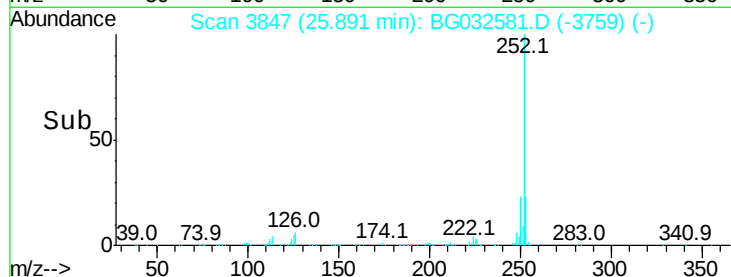
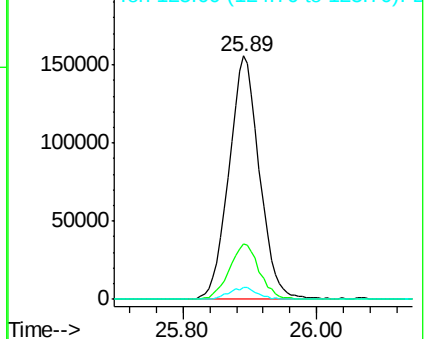
252 100

253 22.7 18.3 27.5

125 5.0 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: 41.101 ng

RT: 30.39 min Scan# 4612

Delta R.T. -0.01 min

Lab File: BG032581.D

Acq: 7 Feb 2018 3:04

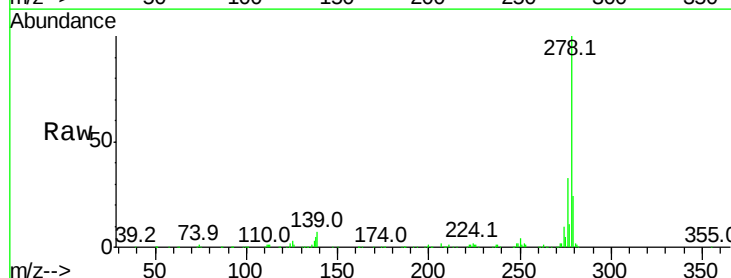
Tgt Ion:278 Resp: 537756

Ion Ratio Lower Upper

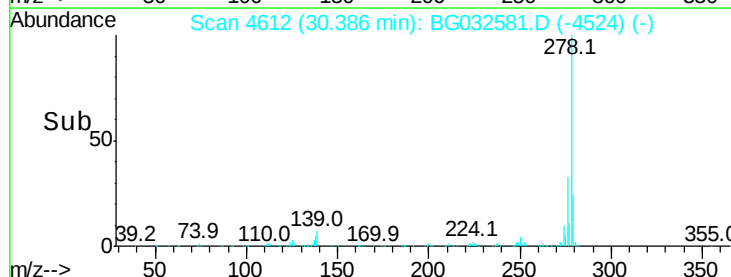
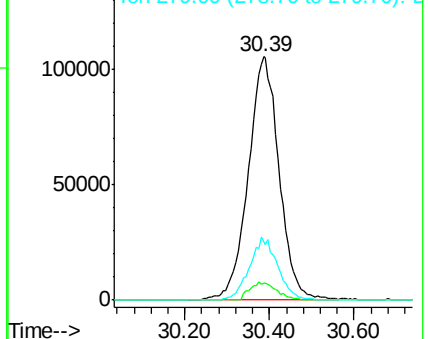
278 100

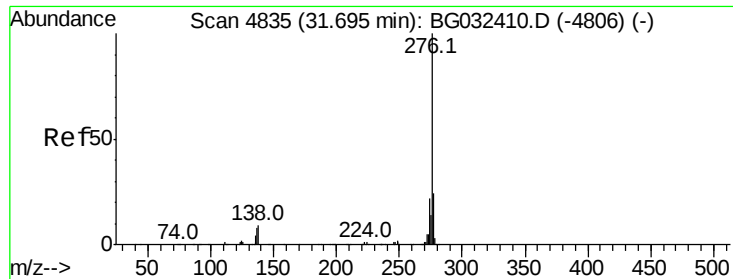
139 6.8 9.8 14.6#

279 23.8 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: 41.321 ng
 RT: 31.65 min Scan# 4827
 Delta R.T. -0.01 min
 Lab File: BG032581.D
 Acq: 7 Feb 2018 3:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.3	27.5
138	8.5	13.9	20.9

