

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010918\
 Data File : BG031958.D
 Acq On : 9 Jan 2018 22:41
 Operator : SJ/JU
 Sample : J1018-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 00:27:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	69590	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	295347	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	198355	20.00	ng	-0.01
63) Phenanthrene-d10	18.14	188	463274	20.00	ng	-0.02
75) Chrysene-d12	22.48	240	499432	20.00	ng	-0.04
86) Perylene-d12	26.20	264	522242	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	461719	120.85	ng	0.00
7) Phenol-d6	7.89	99	549597	110.79	ng	0.00
23) Nitrobenzene-d5	9.99	82	372860	95.33	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	397796	131.43	ng	-0.01
44) 2-Fluorobiphenyl	14.04	172	1269444	80.33	ng	-0.01
78) Terphenyl-d14	20.67	244	1943813	88.92	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.87	88	44692	31.555	ng	# 77
3) Pyridine	4.33	79	95025	25.100	ng	# 76
4) n-Nitrosodimethylamine	4.22	42	55680	36.448	ng	# 83
6) Aniline	8.08	93	49279	7.721	ng	92
8) 2-Chlorophenol	8.33	128	184094	41.538	ng	# 81
9) Benzaldehyde	7.88	77	34951	11.701	ng	# 80
10) Phenol	7.92	94	182227	36.386	ng	90
11) bis(2-Chloroethyl)ether	8.17	93	153937	37.011	ng	# 82
12) 1,3-Dichlorobenzene	8.67	146	209047	37.983	ng	# 92
13) 1,4-Dichlorobenzene	8.82	146	210319	37.409	ng	93
14) 1,2-Dichlorobenzene	9.15	146	204263	38.343	ng	95
15) Benzyl Alcohol	9.02	79	154310	41.438	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.32	45	159446	47.074	ng	82
17) 2-Methylphenol	9.22	107	147302	41.106	ng	97
18) Hexachloroethane	9.91	117	68001	39.935	ng	# 84
19) n-Nitroso-di-n-propylamine	9.60	70	120373	35.532	ng	# 85
20) 3+4-Methylphenols	9.55	107	199033	39.080	ng	94
22) Acetophenone	9.62	105	274670	40.029	ng	# 86
24) Nitrobenzene	10.03	77	175285	43.483	ng	# 85
25) Isophorone	10.55	82	337268	40.056	ng	# 84
26) 2-Nitrophenol	10.75	139	112598	53.274	ng	# 78
27) 2,4-Dimethylphenol	10.79	122	192636	43.313	ng	89
28) bis(2-Chloroethoxy)methane	11.03	93	216884	38.389	ng	98
29) 2,4-Dichlorophenol	11.29	162	221114	42.349	ng	88
30) 1,2,4-Trichlorobenzene	11.52	180	251121	39.391	ng	98
31) Naphthalene	11.72	128	572209	38.389	ng	98
32) Benzoic acid	10.90	122	90890	32.483	ng	# 76
33) 4-Chloroaniline	11.81	127	31545	4.754	ng	# 93
34) Hexachlorobutadiene	11.98	225	171067	39.086	ng	97
35) Caprolactam	12.56	113	50133	31.677	ng	# 52
36) 4-Chloro-3-methylphenol	12.88	107	197725	41.004	ng	# 78
37) 2-Methylnaphthalene	13.28	142	475627	39.362	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	334308	40.014	ng	# 96
40) Hexachlorocyclopentadiene	13.61	237	397043	90.083	ng	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

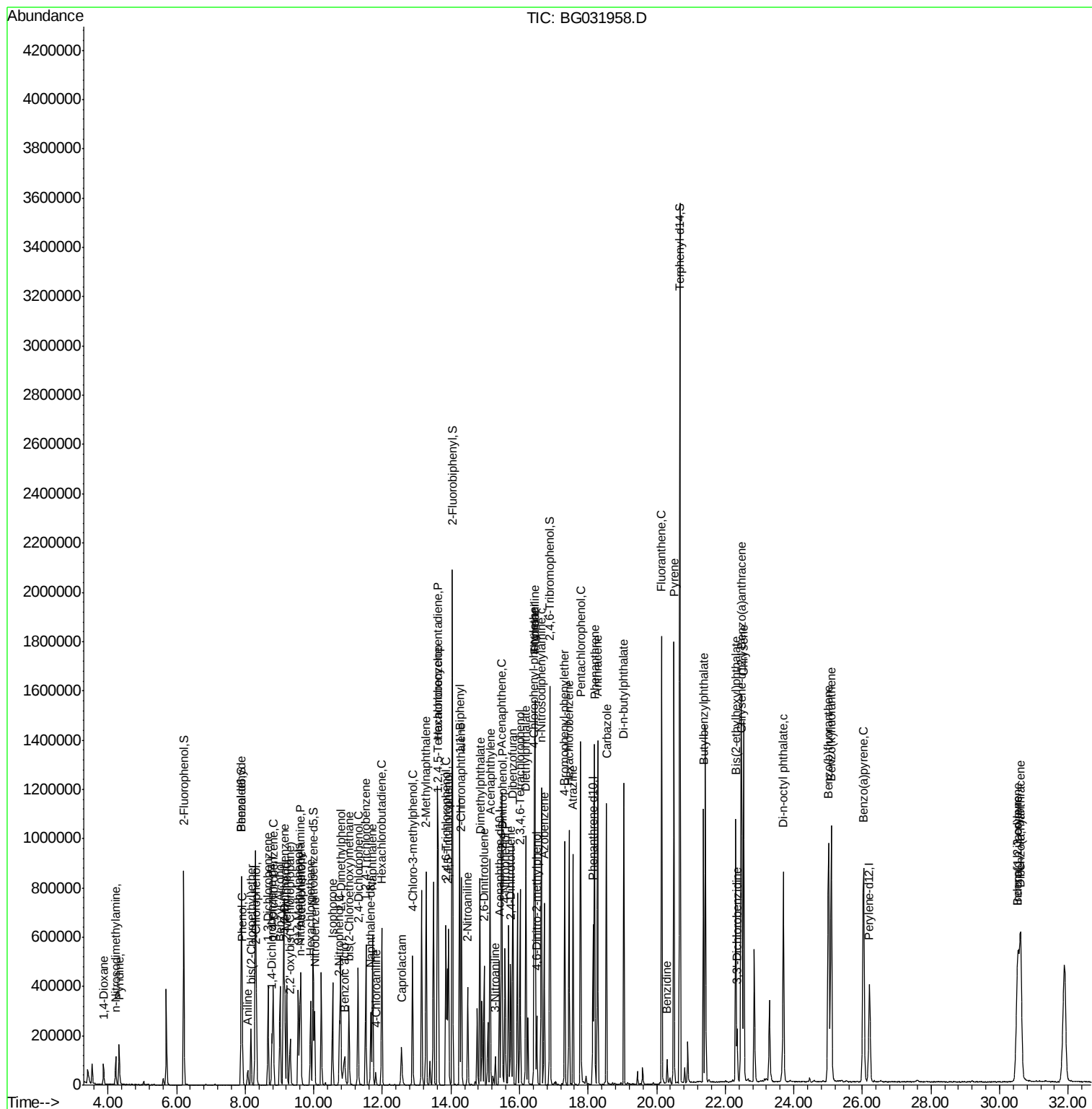
42) 2,4,6-Trichlorophenol	13.86	196	207453	43.066	nq	97
43) 2,4,5-Trichlorophenol	13.93	196	222159	41.616	nq #	91
45) 1,1'-Biphenyl	14.25	154	678869	40.071	nq	95
46) 2-Chloronaphthalene	14.30	162	510401	39.498	nq	96
47) 2-Nitroaniline	14.49	65	108627	48.673	nq #	59
48) Acenaphthylene	15.14	152	772574	37.371	nq	98
49) Dimethylphthalate	14.84	163	652722	37.353	nq	99
50) 2,6-Dinitrotoluene	14.97	165	150750	46.895	nq #	66
51) Acenaphthene	15.48	154	543704	40.157	nq	96
52) 3-Nitroaniline	15.30	138	37077	11.822	nq #	72
53) 2,4-Dinitrophenol	15.50	184	117311	85.339	nq #	85
54) Dibenzofuran	15.81	168	788012	37.968	nq	98
55) 4-Nitrophenol	15.58	139	188634	73.898	nq #	76
56) 2,4-Dinitrotoluene	15.75	165	206921	50.059	nq #	62
57) Fluorene	16.45	166	631637	37.463	nq	96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	223371	42.887	nq #	85
59) Diethylphthalate	16.18	149	626244	36.769	nq	96
60) 4-Chlorophenyl-phenylether	16.43	204	384159	37.238	nq	94
61) 4-Nitroaniline	16.45	138	97501	31.858	nq	82
62) Azobenzene	16.72	77	411637	37.687	nq	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	97799	44.191	nq #	68
65) n-Nitrosodiphenylamine	16.64	169	585510	38.054	nq	99
66) 4-Bromophenyl-phenylether	17.32	248	276250	41.236	nq	94
67) Hexachlorobenzene	17.45	284	278657	40.690	nq #	89
68) Atrazine	17.56	200	249386	41.684	nq	99
69) Pentachlorophenol	17.78	266	351941	74.715	nq	99
70) Phenanthrene	18.19	178	1027878	39.205	nq	99
71) Anthracene	18.28	178	1043860	39.470	nq	98
72) Carbazole	18.53	167	908172	38.797	nq	99
73) Di-n-butylphthalate	19.04	149	996456	38.305	nq	99
74) Fluoranthene	20.14	202	1234362	38.371	nq	97
76) Benzidine	20.30	184	73699	4.781	nq	100
77) Pyrene	20.50	202	1254204	39.314	nq	98
79) Butylbenzylphthalate	21.37	149	436209	40.731	nq #	74
80) Benzo(a)anthracene	22.46	228	1246874	39.248	nq	99
81) 3,3'-Dichlorobenzidine	22.35	252	104257	8.464	nq #	98
82) Chrysene	22.54	228	1167293	38.833	nq	98
83) Bis(2-ethylhexyl)phthalate	22.31	149	592979	38.218	nq #	99
84) Di-n-octyl phthalate	23.69	149	991937	37.961	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1499681	38.889	nq #	89
87) Benzo(b)fluoranthene	25.02	252	1287238	39.708	nq #	97
88) Benzo(k)fluoranthene	25.09	252	1260546	38.855	nq #	96
89) Benzo(a)pyrene	26.03	252	1248848	40.224	nq #	97
90) Dibenzo(a,h)anthracene	30.61	278	1238279	38.618	nq #	97
91) Benzo(g,h,i)perylene	30.53	276	1499681	39.613	nq #	93

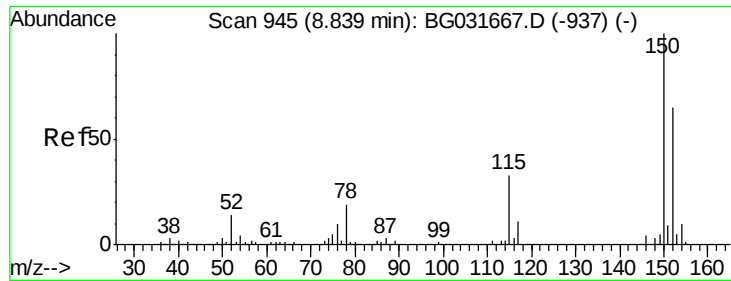
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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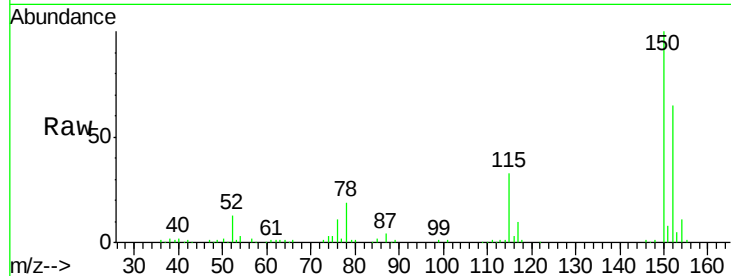


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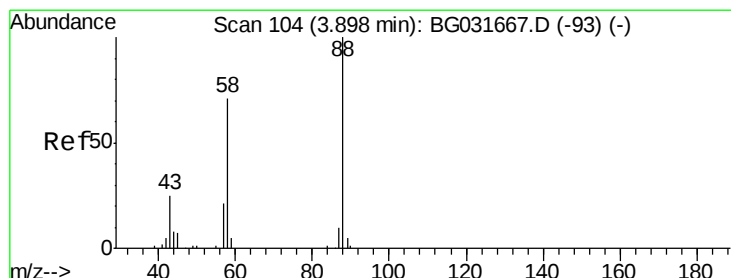
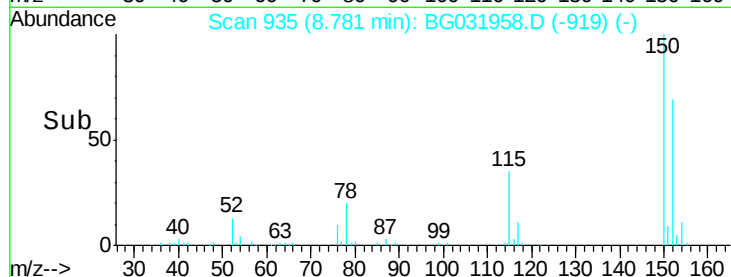
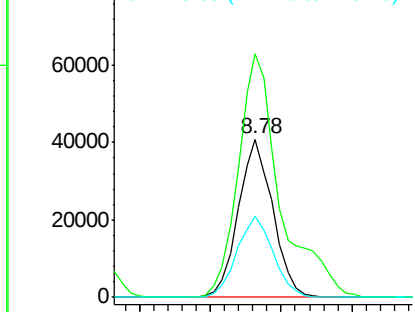
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 69590
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 51.2 53.0 79.4#



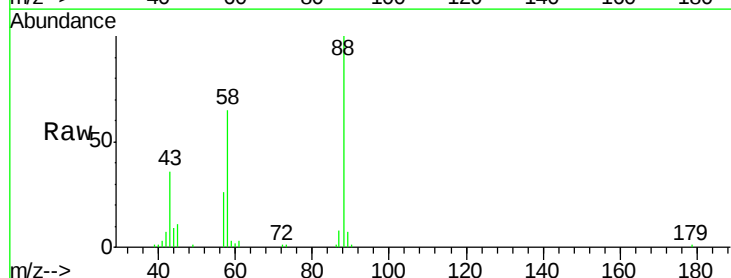
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



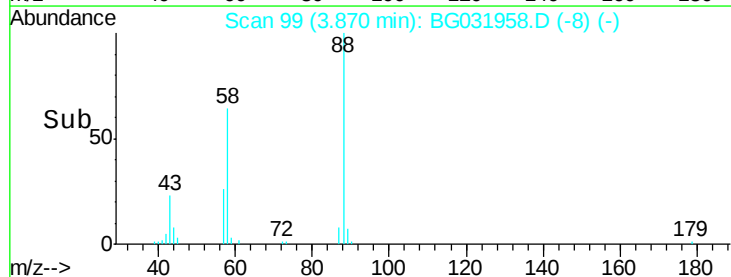
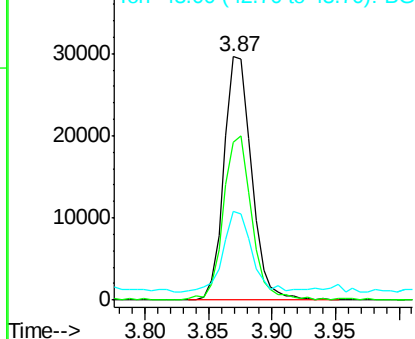
#2

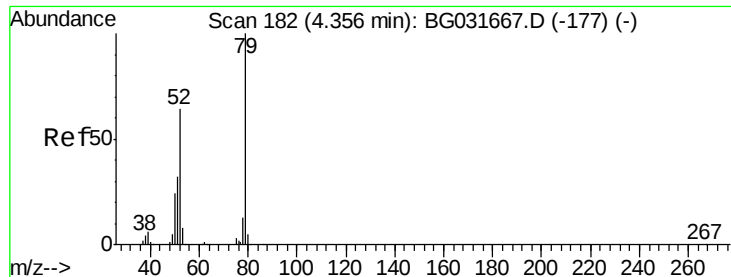
1,4-Dioxane
Concen: 31.555 ng
RT: 3.87 min Scan# 99
Delta R.T. 0.00 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion: 88 Resp: 44692
Ion Ratio Lower Upper
88 100
58 68.8 79.6 119.4#
43 35.0 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: 25.100 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

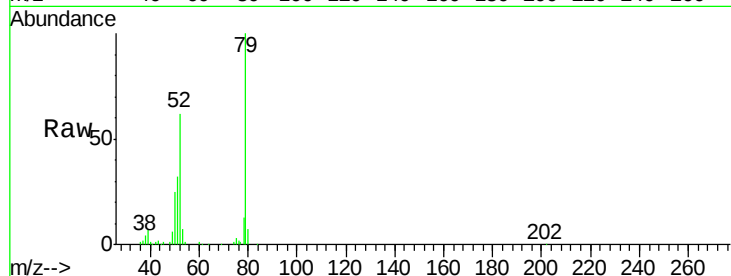
Tot Ion: 79 Resp: 95025

Ion Ratio Lower Upper

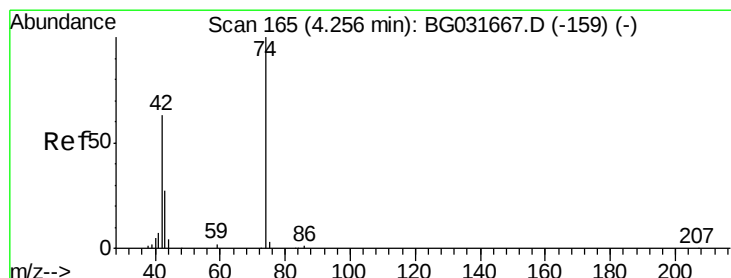
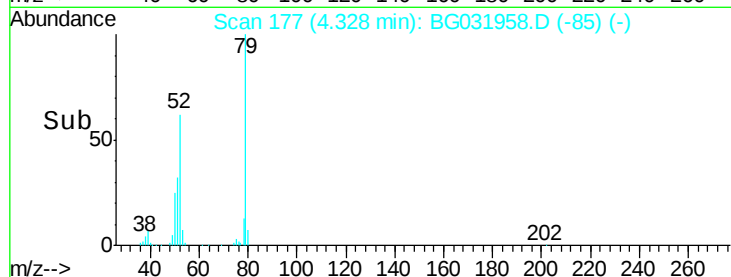
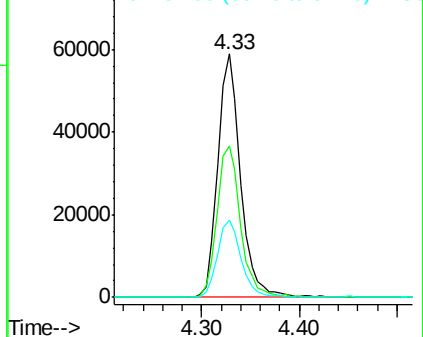
79 100

52 62.1 69.9 104.9#

51 31.6 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: 36.448 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.00 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

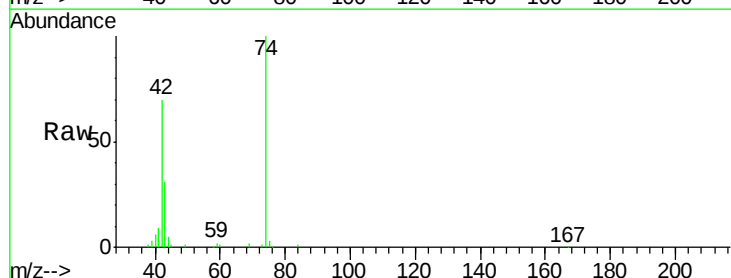
Tgt Ion: 42 Resp: 55680

Ion Ratio Lower Upper

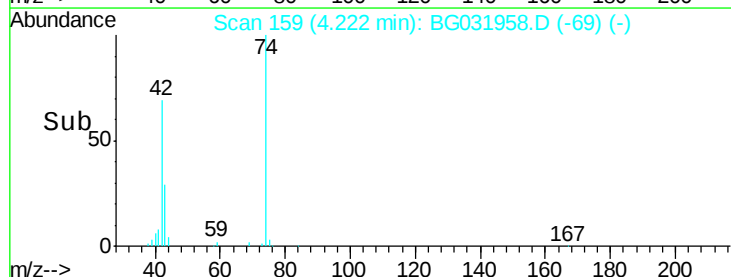
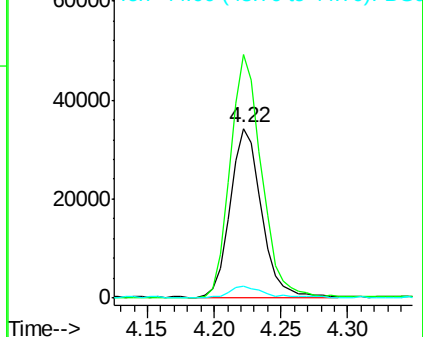
42 100

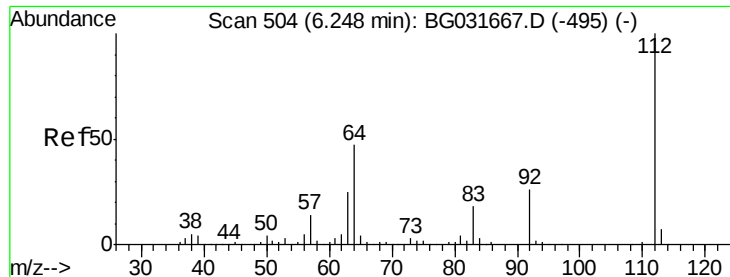
74 143.6 102.5 153.7

44 6.9 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: 120.846 ng

RT: 6.21 min Scan# 497

Delta R.T. -0.00 min

Lab File: BG031958.D

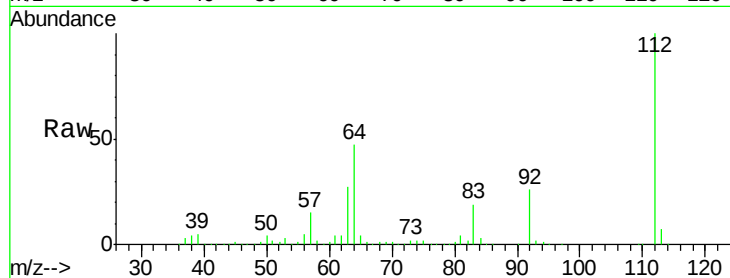
Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

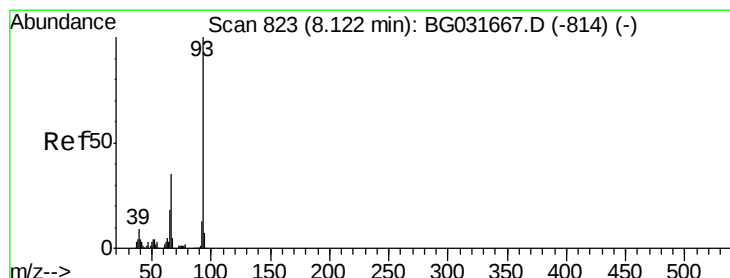
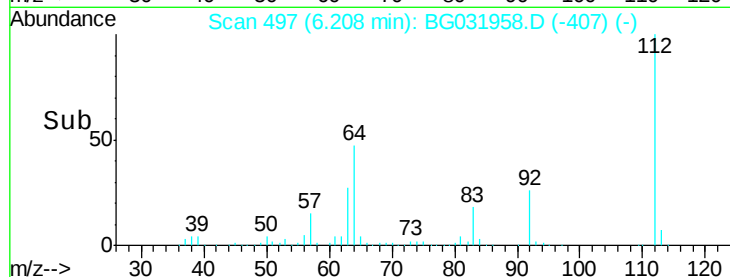
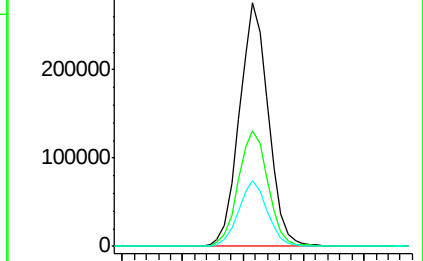
Tot Ion:	112	Resp:	461719
Ion	Ratio	Lower	Upper
112	100		
64	47.3	56.3	84.5#
63	26.7	30.1	45.1#



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: 7.721 ng

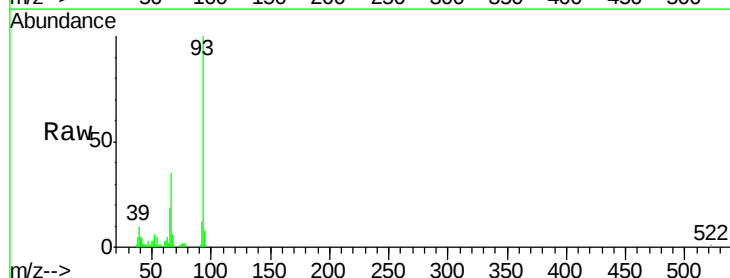
RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

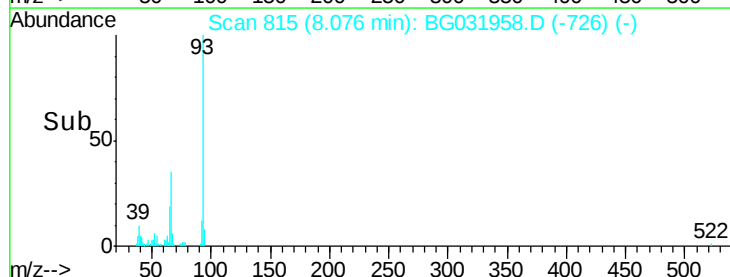
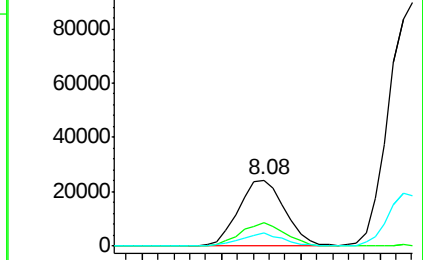
Tgt Ion:	93	Resp:	49279
Ion	Ratio	Lower	Upper
93	100		
66	35.3	33.7	50.5
65	19.3	16.1	24.1

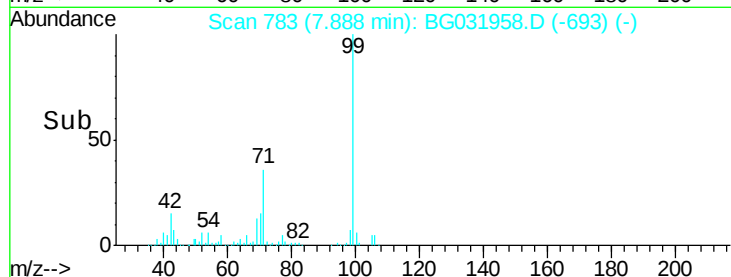
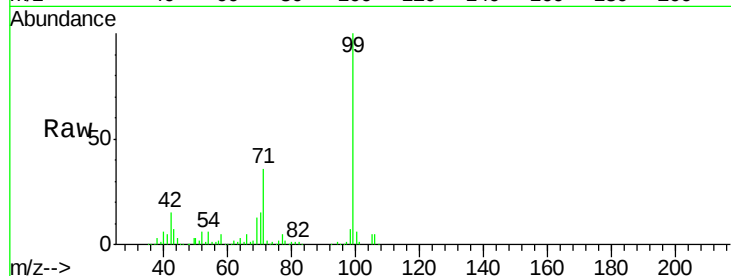
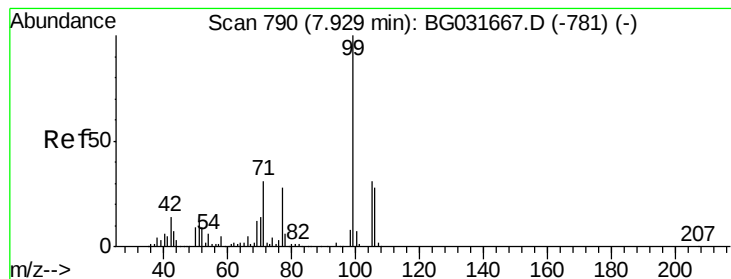


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.793 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

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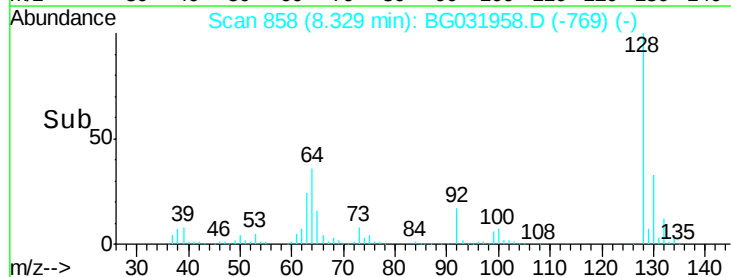
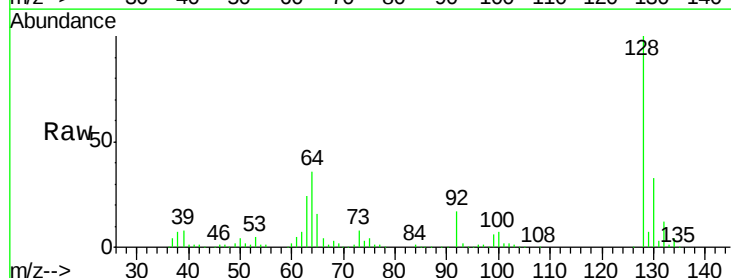
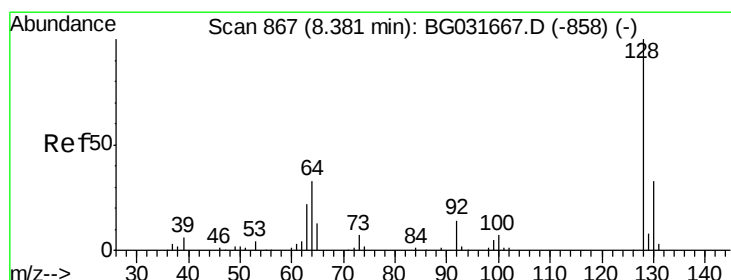
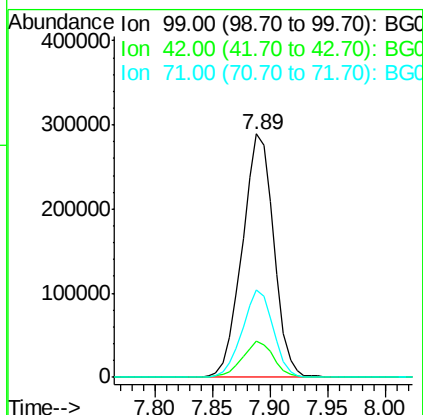
Tot Ion: 99 Resp: 549597

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 35.9 26.1 39.1



#8

2-Chlorophenol

Concen: 41.538 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

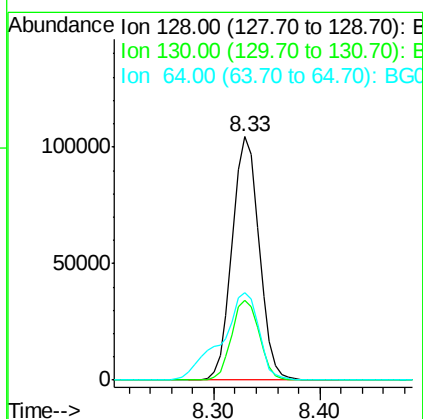
Tgt Ion: 128 Resp: 184094

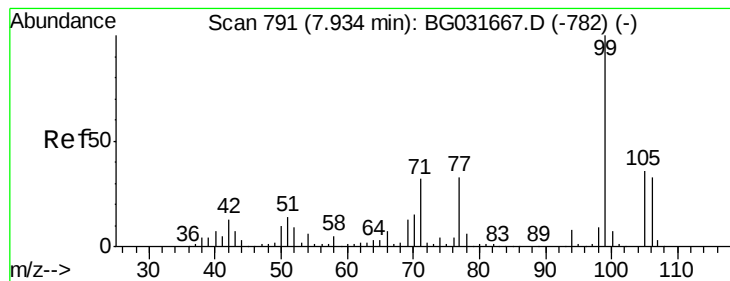
Ion Ratio Lower Upper

128 100

130 32.9 14.0 54.0

64 36.2 37.7 77.7#





#9

Benzaldehyde

Concen: 11.701 ng

RT: 7.88 min Scan# 782

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

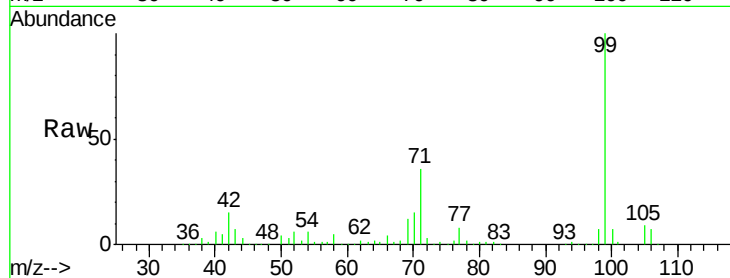
Tot Ion: 77 Resp: 34951

Ion Ratio Lower Upper

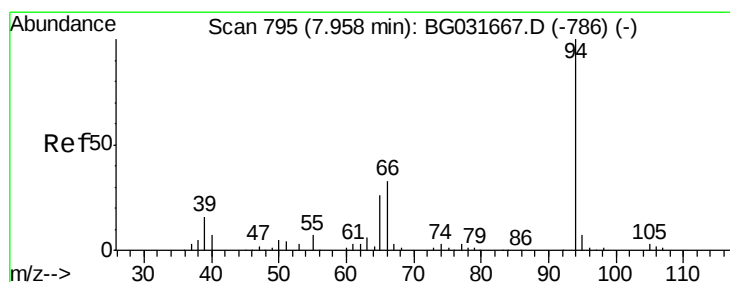
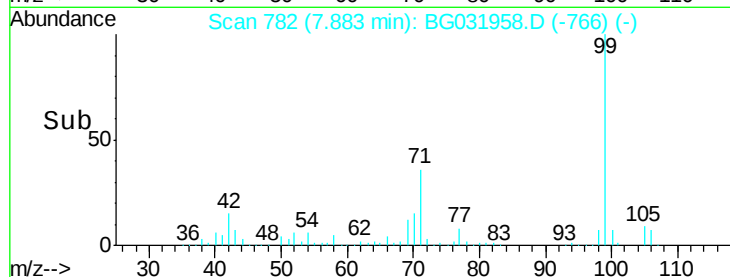
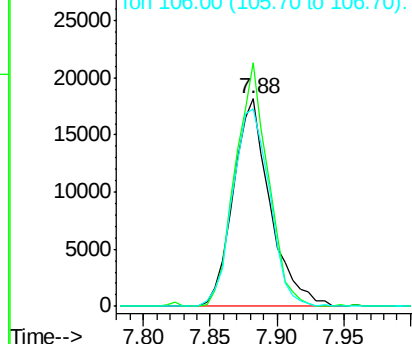
77 100

105 117.2 71.3 111.3#

106 95.2 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 36.386 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

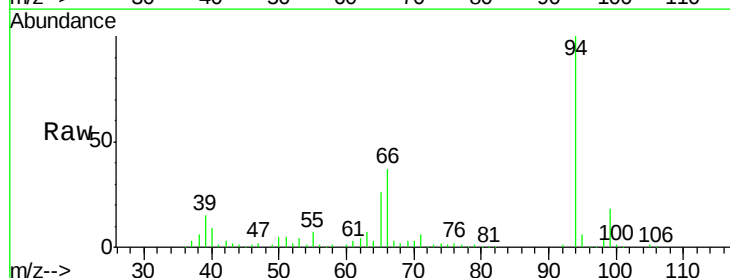
Tgt Ion: 94 Resp: 182227

Ion Ratio Lower Upper

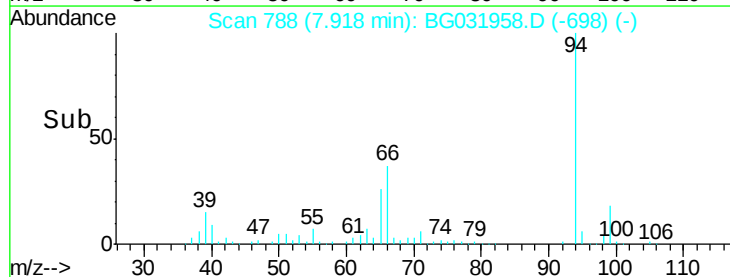
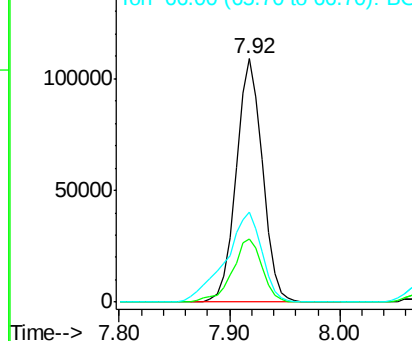
94 100

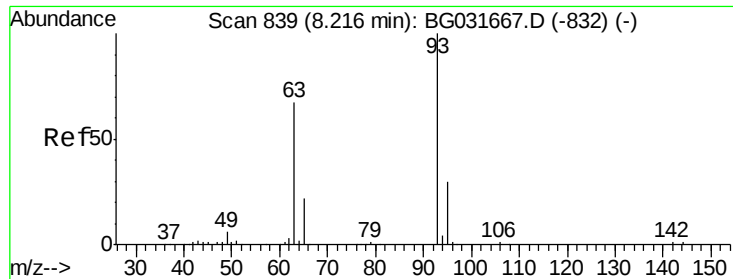
65 25.9 11.9 51.9

66 36.7 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

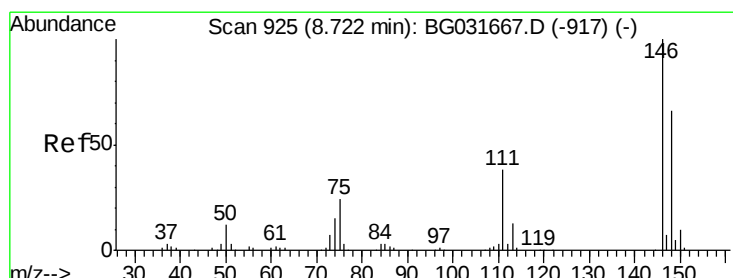
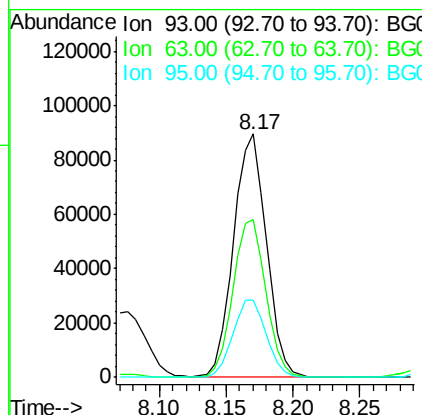
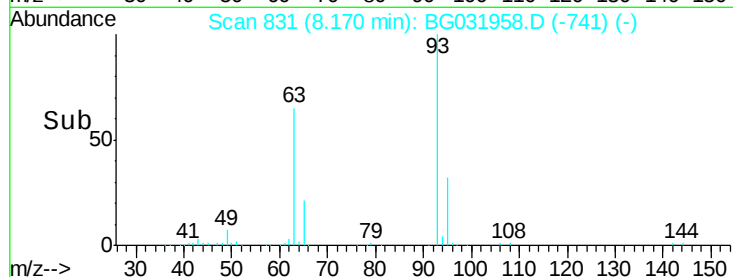
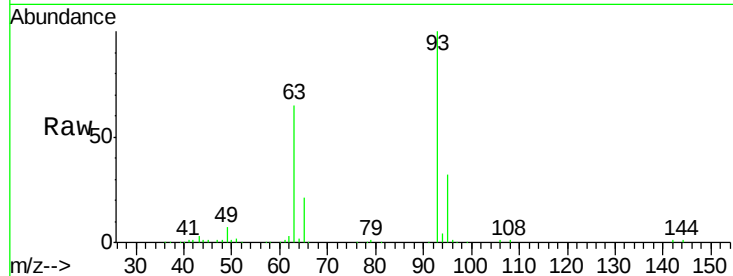




#11
 bis(2-Chloroethyl)ether
 Concen: 37.011 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

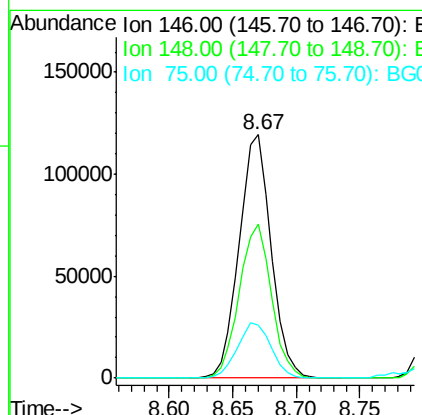
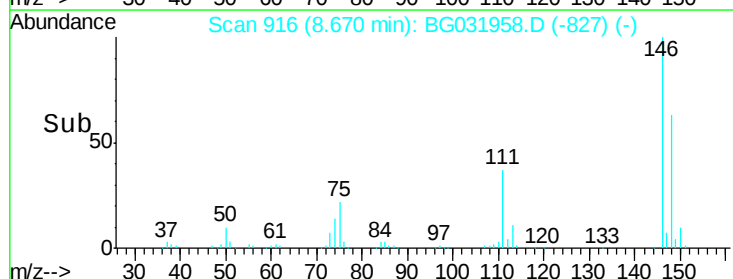
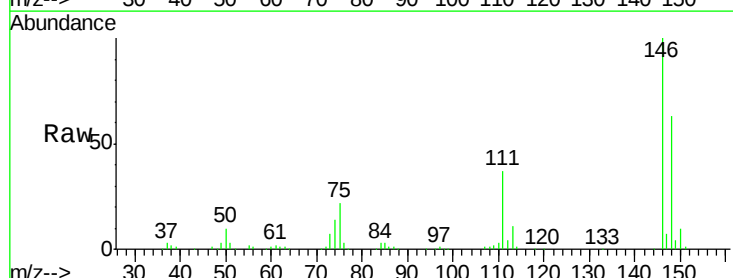
Instrument :
 BNA_G
 ClientSampleId :

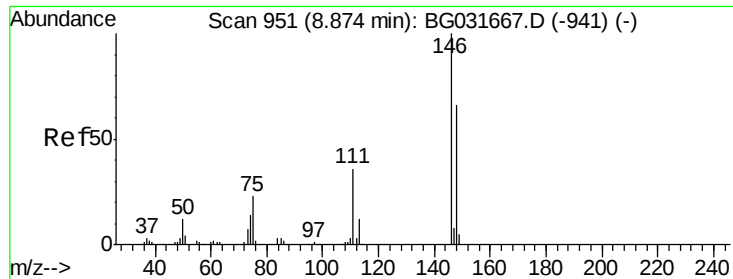
Tot Ion: 93 Resp: 153937
 Ion Ratio Lower Upper
 93 100
 63 64.7 67.1 107.1#
 95 31.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.983 ng
 RT: 8.67 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion: 146 Resp: 209047
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.2
 75 21.9 26.6 39.8#

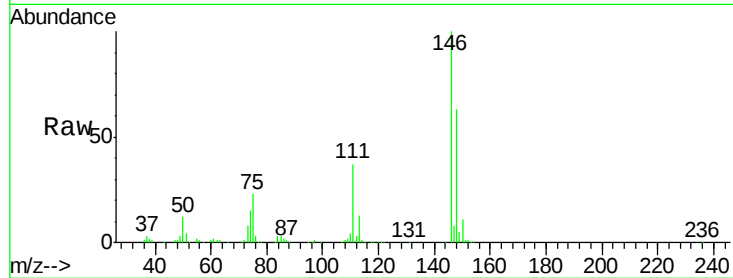




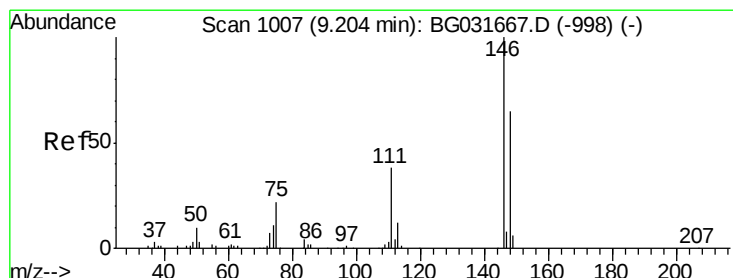
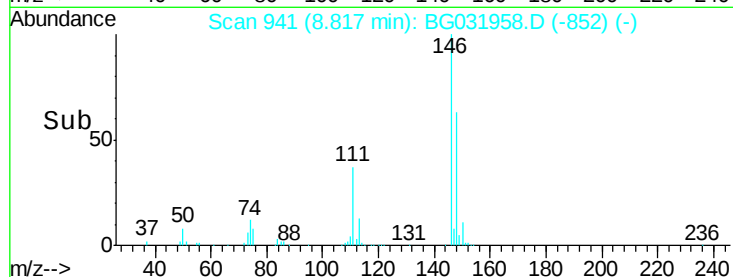
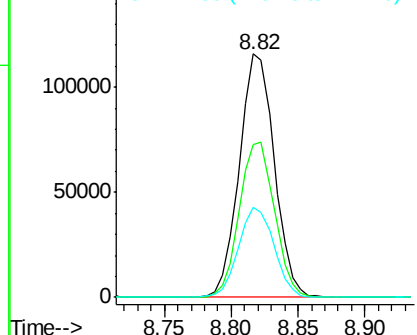
#13
 1,4-Dichlorobenzene
 Concen: 37.409 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 210319
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 37.1 35.2 52.8

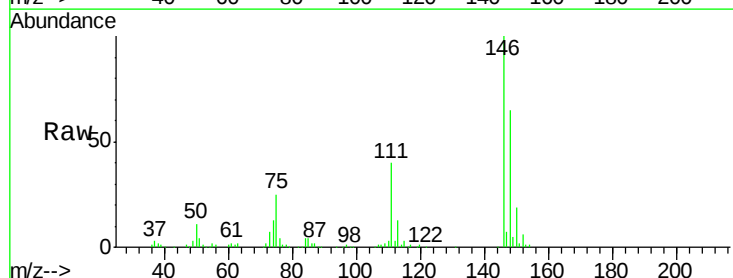


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

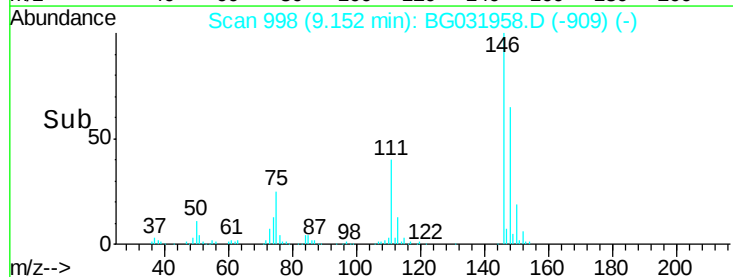
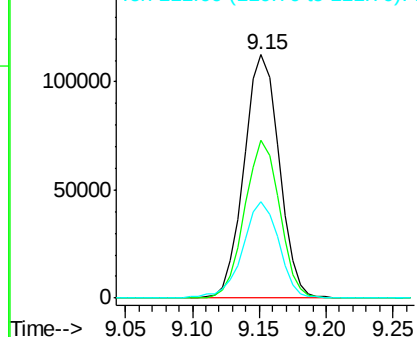


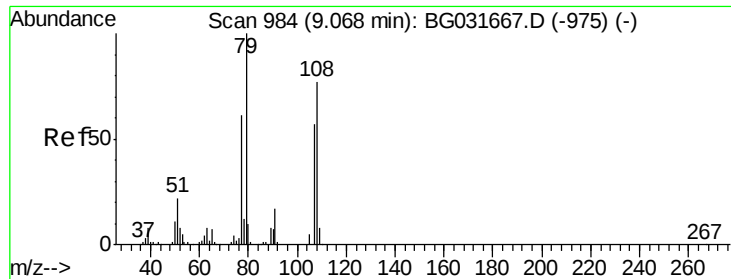
#14
 1,2-Dichlorobenzene
 Concen: 38.343 ng
 RT: 9.15 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion:146 Resp: 204263
 Ion Ratio Lower Upper
 146 100
 148 64.8 49.3 73.9
 111 39.6 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.438 ng

RT: 9.02 min Scan# 975

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

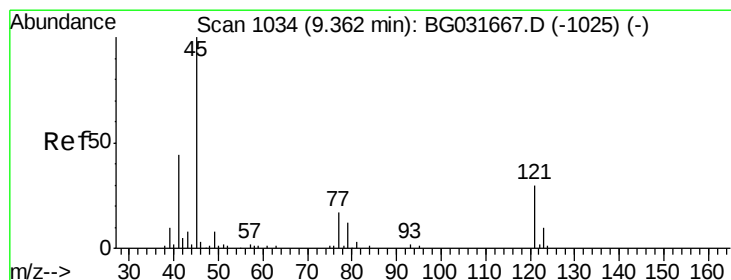
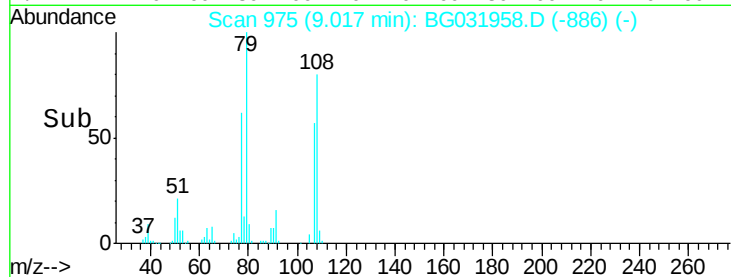
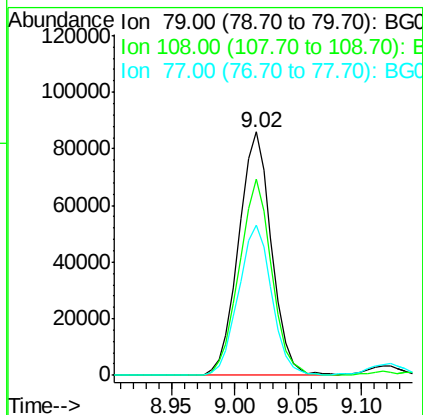
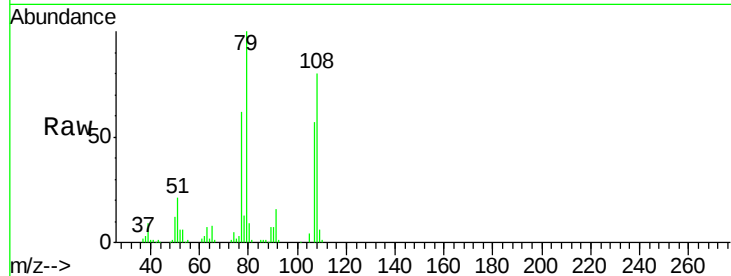
Tot Ion: 79 Resp: 154310

Ion Ratio Lower Upper

79 100

108 80.5 57.2 85.8

77 61.6 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.074 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

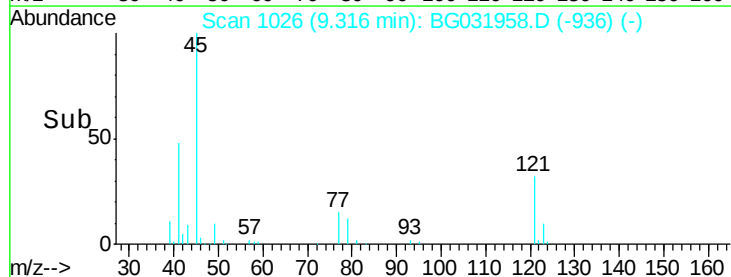
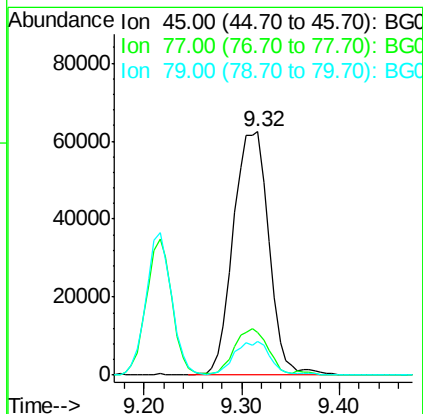
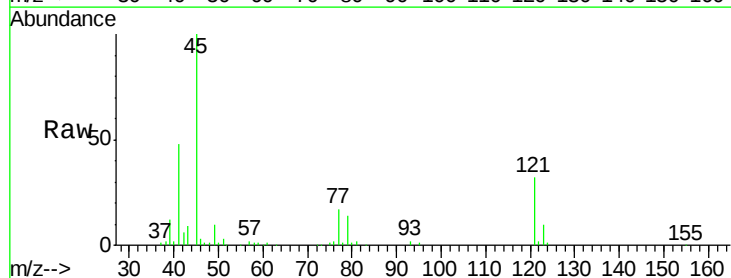
Tgt Ion: 45 Resp: 159446

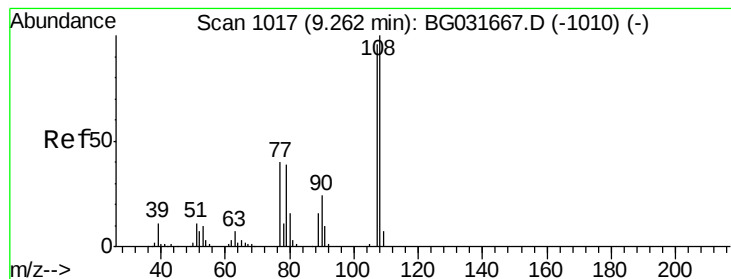
Ion Ratio Lower Upper

45 100

77 17.3 0.0 30.2

79 13.8 0.0 27.9

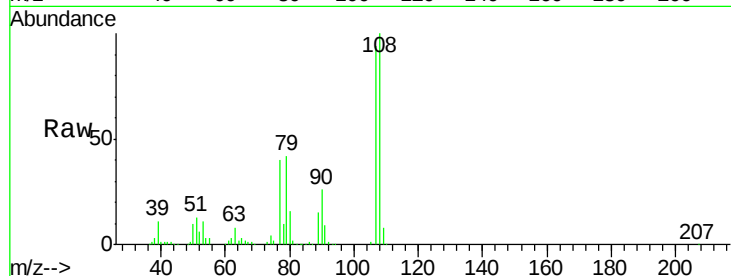




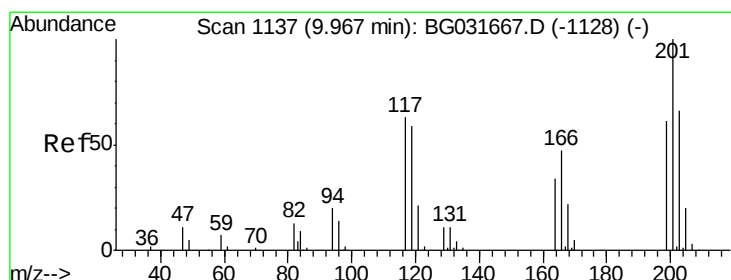
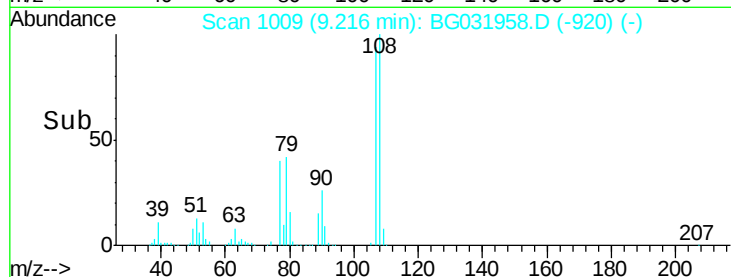
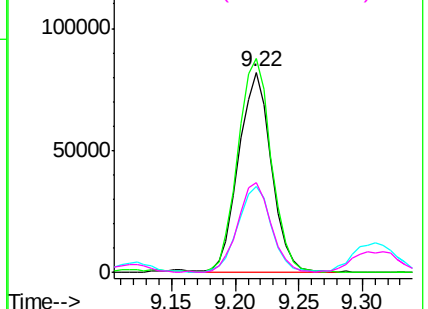
#17
2-Methylphenol
Concen: 41.106 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 147302
Ion Ratio Lower Upper
107 100
108 106.9 83.9 125.9
77 42.7 37.2 55.8
79 44.5 36.2 54.2

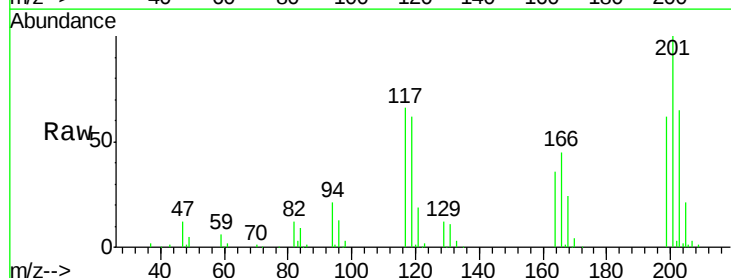


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

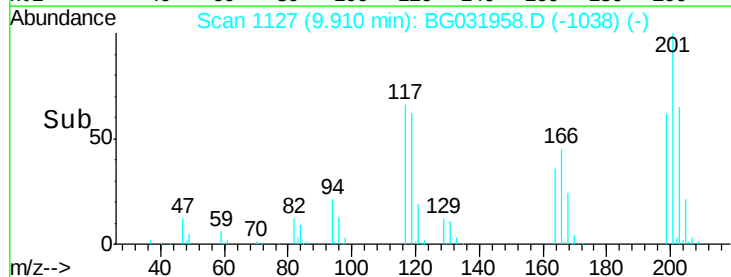
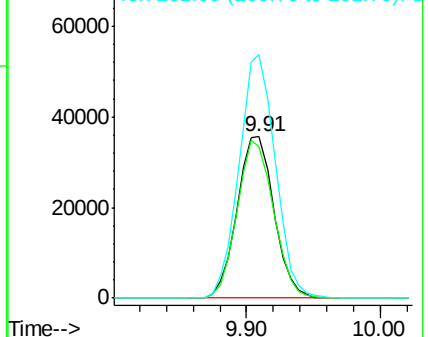


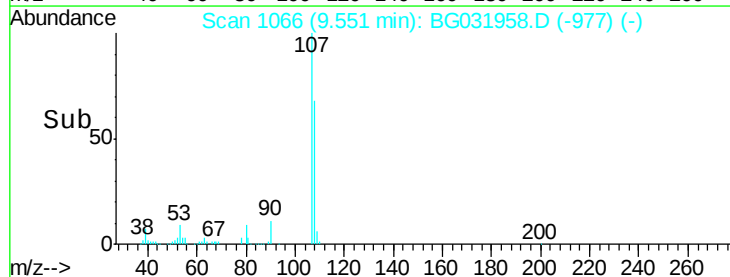
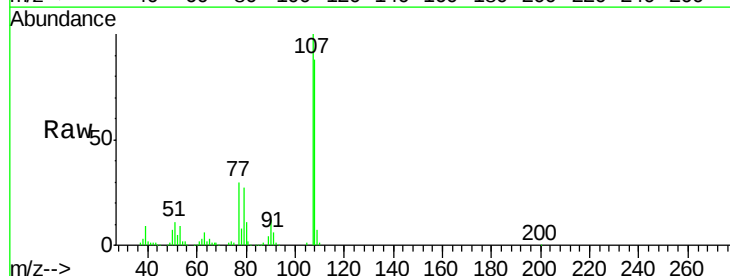
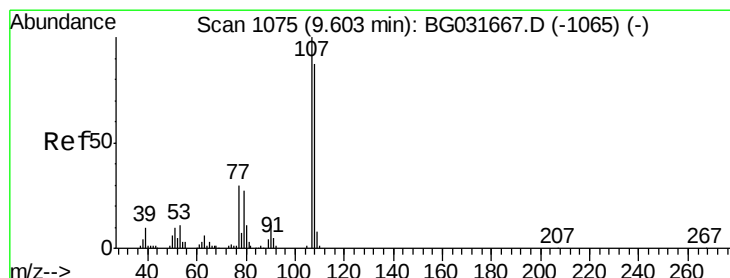
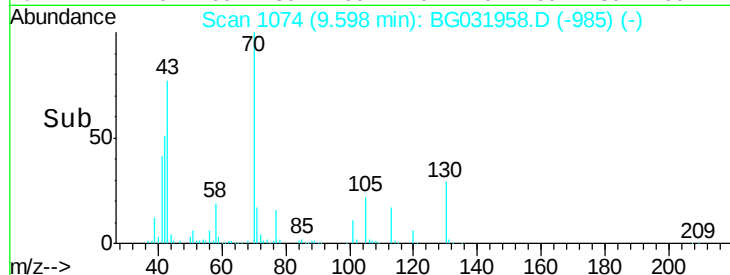
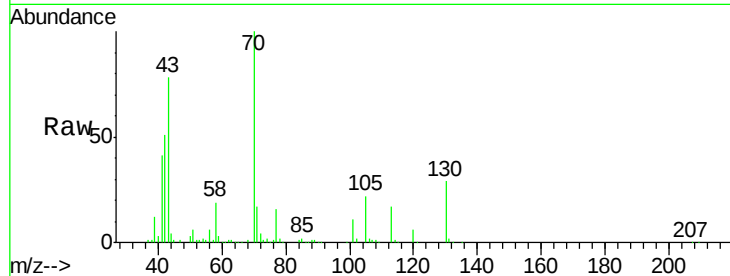
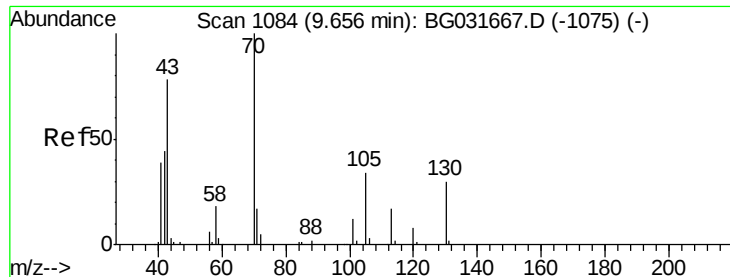
#18
Hexachloroethane
Concen: 39.935 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:117 Resp: 68001
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
201 151.0 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

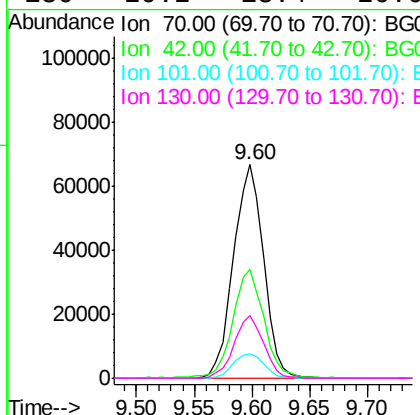




#19
n-Nitroso-di-n-propylamine
Concen: 35.532 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

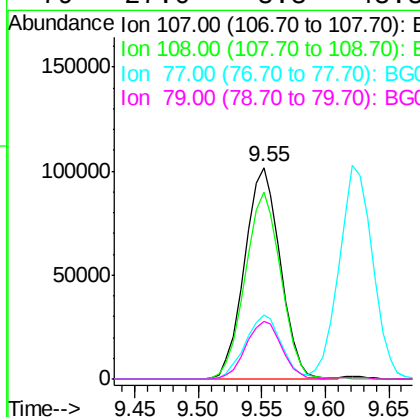
Instrument :
BNA_G
ClientSampleId :

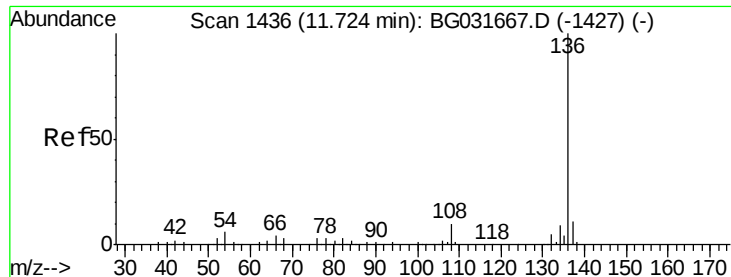
Tot Ion: 70 Resp: 120373
Ion Ratio Lower Upper
70 100
42 50.7 49.1 73.7
101 11.4 8.5 12.7
130 29.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.080 ng
RT: 9.55 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:107 Resp: 199033
Ion Ratio Lower Upper
107 100
108 88.1 61.6 101.6
77 30.4 13.9 53.9
79 27.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 295347

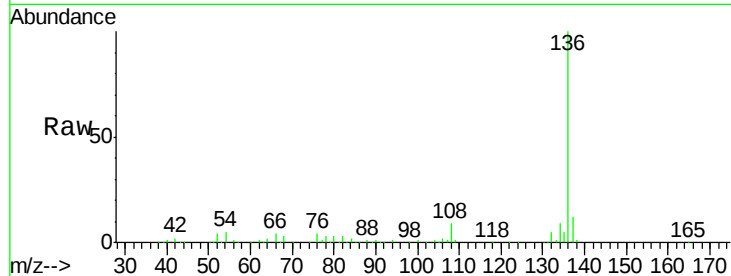
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.3 10.3 15.5#

68 3.4 4.5 6.7#

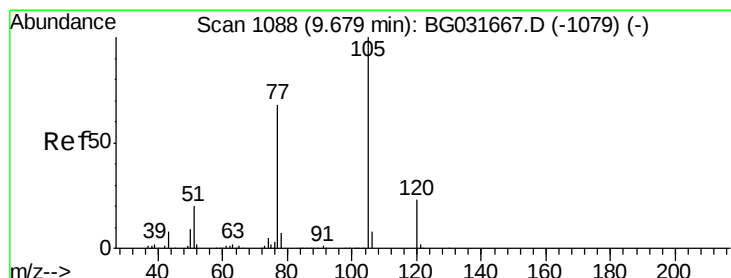
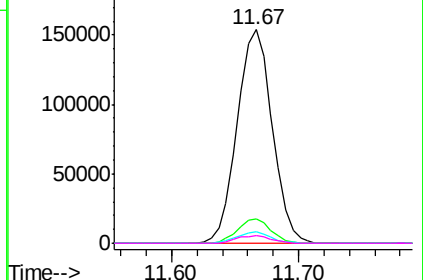
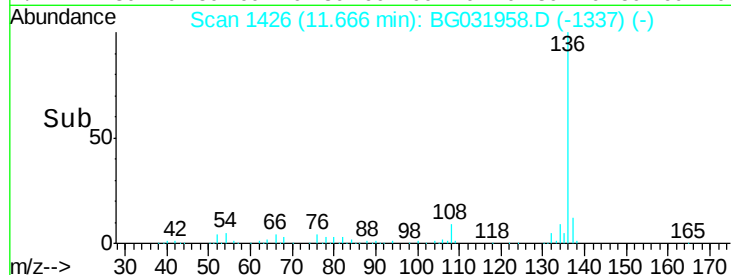


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.029 ng

RT: 9.62 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Tgt Ion:105 Resp: 274670

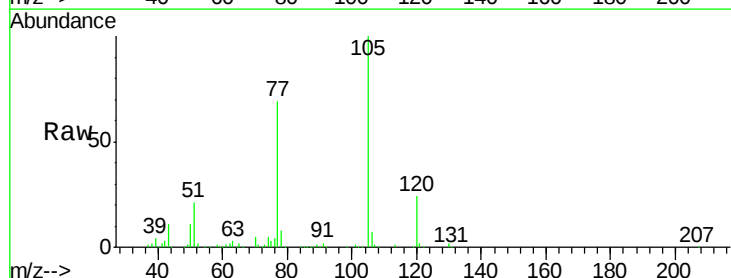
Ion Ratio Lower Upper

105 100

71 0.7 3.0 4.4#

51 21.0 26.1 39.1#

120 24.1 17.4 26.2

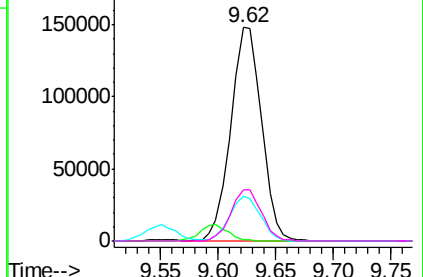
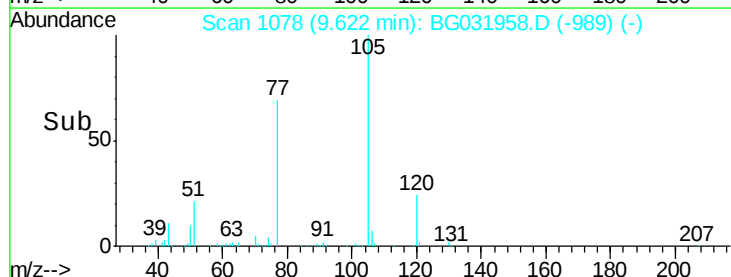


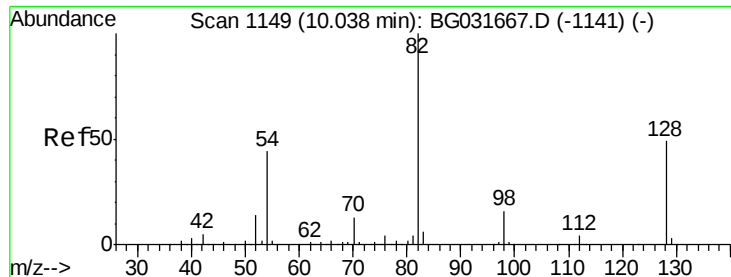
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

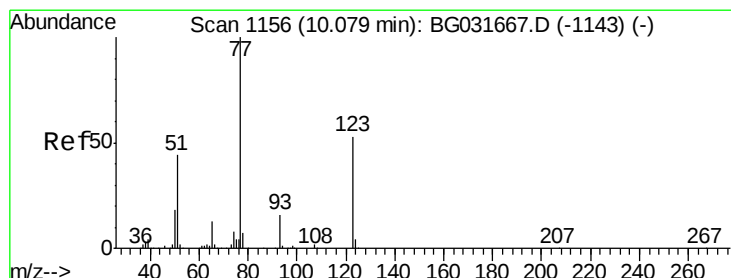
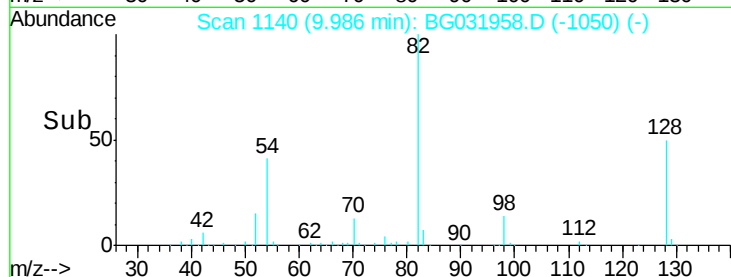
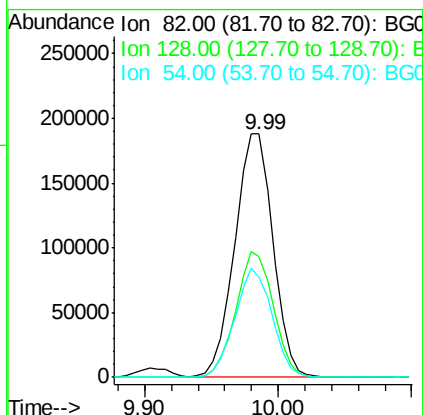
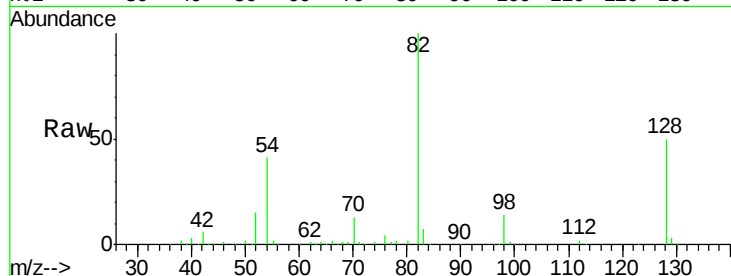




#23
 Nitrobenzene-d5
 Concen: 95.330 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

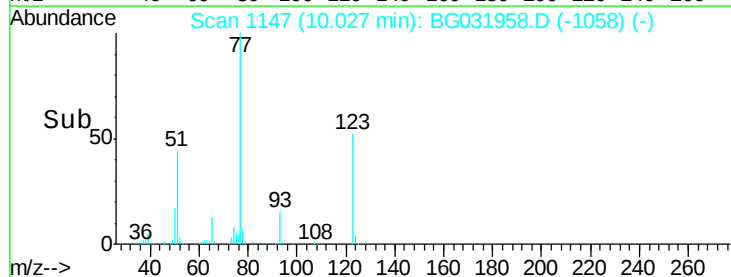
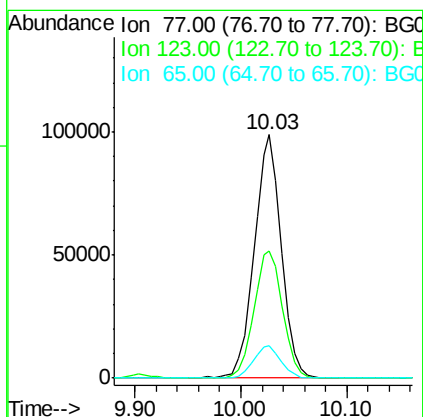
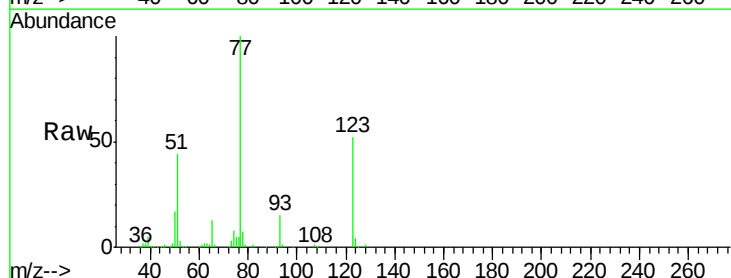
Instrument :
 BNA_G
 ClientSampleId :

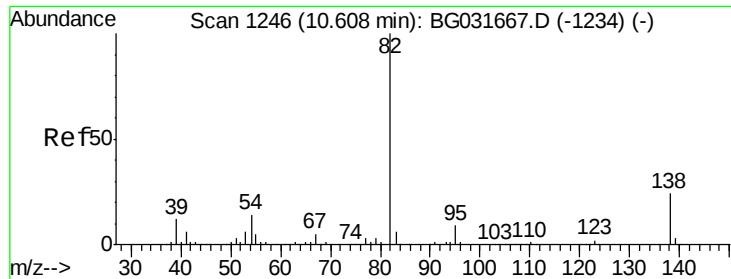
Tot Ion: 82 Resp: 372860
 Ion Ratio Lower Upper
 82 100
 128 49.8 29.7 44.5#
 54 41.4 43.1 64.7#



#24
 Nitrobenzene
 Concen: 43.483 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion: 77 Resp: 175285
 Ion Ratio Lower Upper
 77 100
 123 52.3 33.0 49.6#
 65 13.4 13.0 19.6





#25

Isophorone

Concen: 40.056 ng

RT: 10.55 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

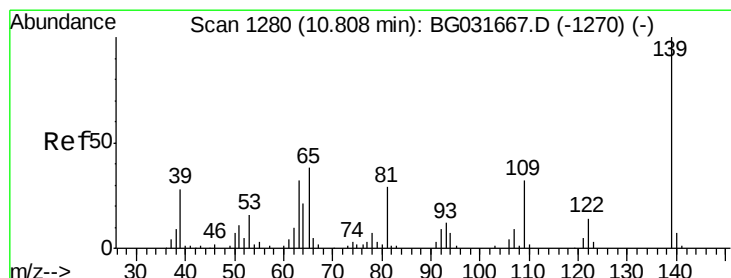
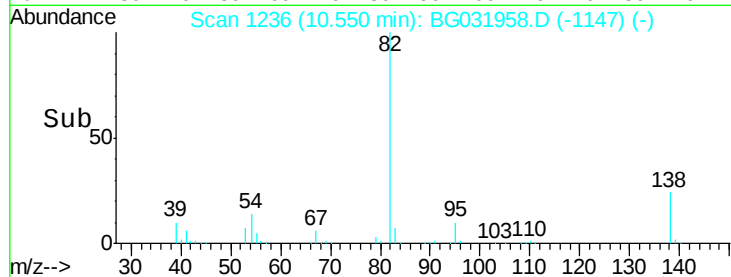
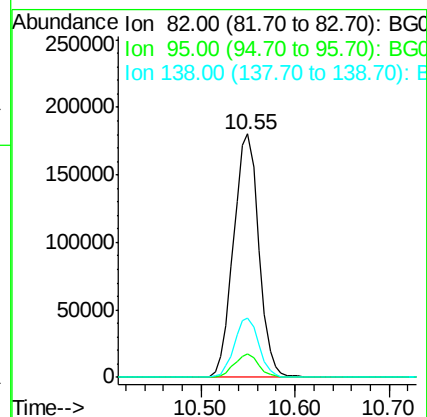
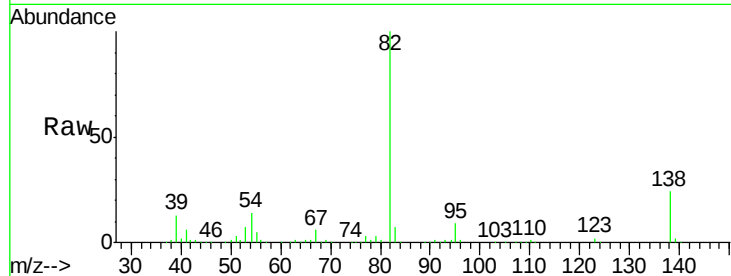
Tot Ion: 82 Resp: 337268

Ion Ratio Lower Upper

82 100

95 9.5 6.2 9.2#

138 24.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 53.274 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

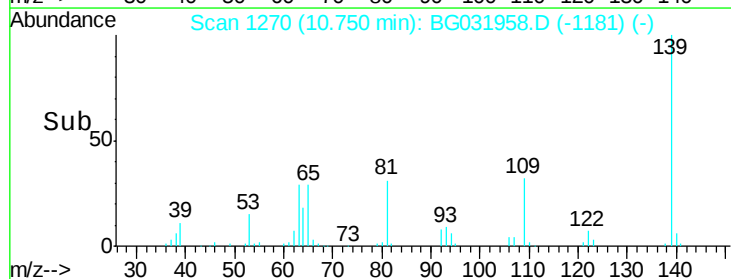
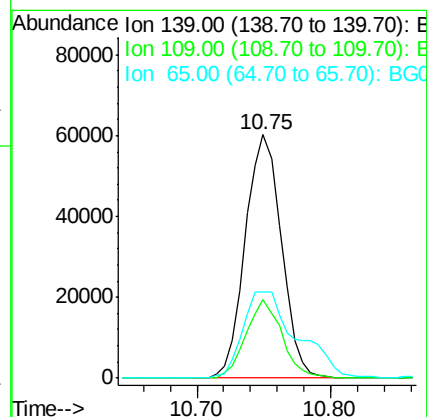
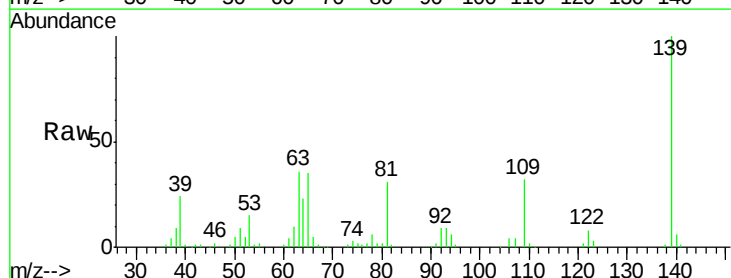
Tgt Ion: 139 Resp: 112598

Ion Ratio Lower Upper

139 100

109 32.0 24.2 36.2

65 35.2 47.4 71.0#

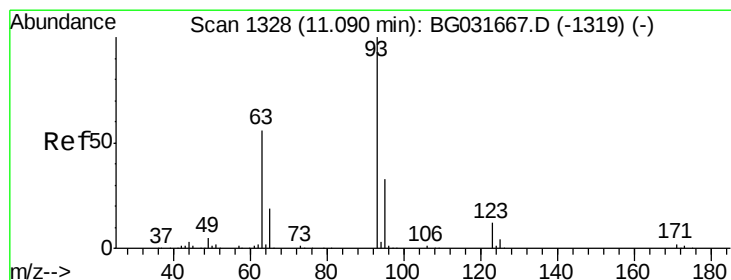
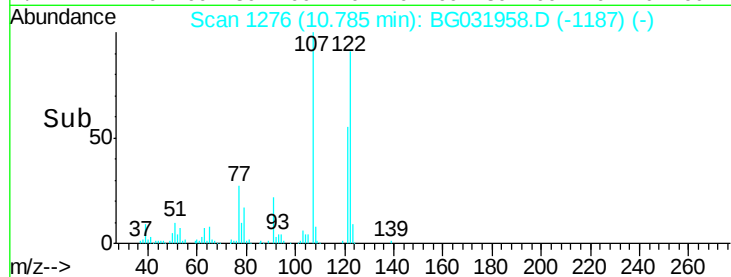
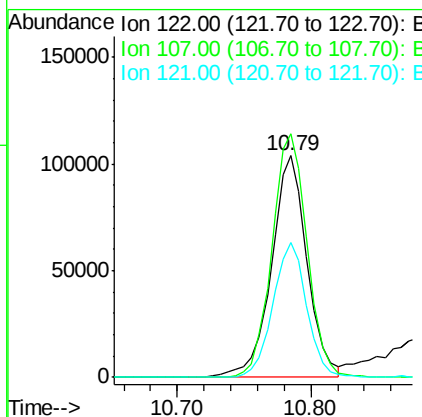
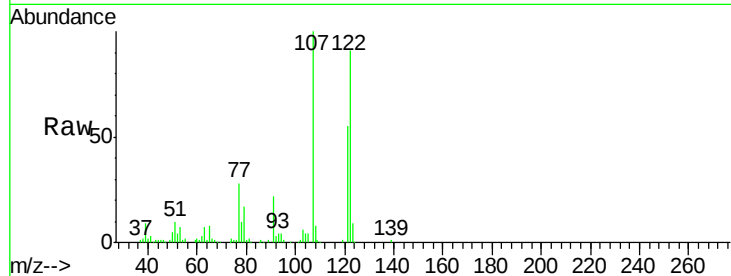




#27
2,4-Dimethylphenol
Concen: 43.313 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

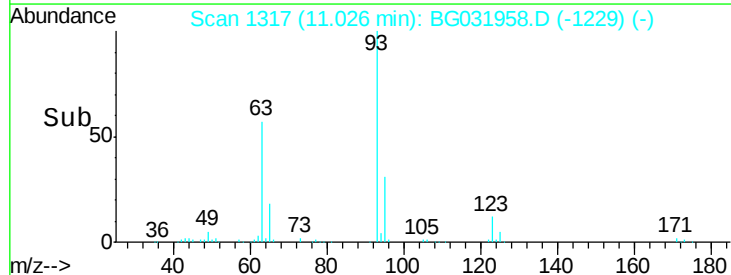
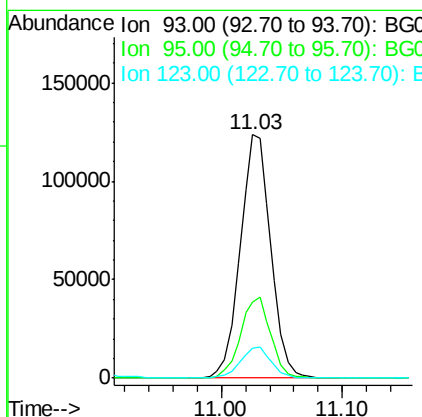
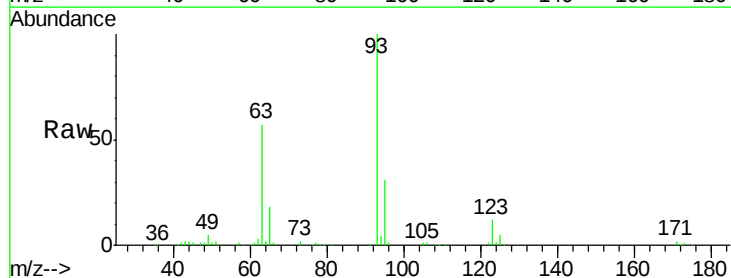
Instrument :
BNA_G
ClientSampleId :

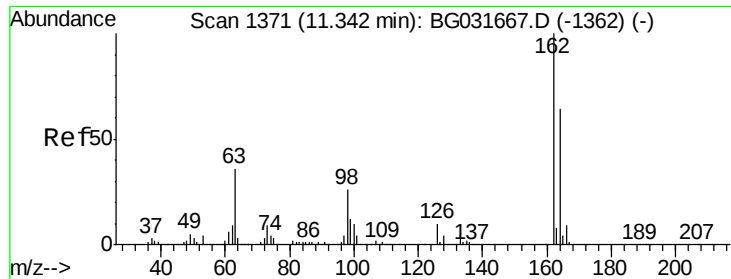
Tot Ion:122 Resp: 192636
Ion Ratio Lower Upper
122 100
107 109.9 100.2 150.2
121 60.7 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.389 ng
RT: 11.03 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion: 93 Resp: 216884
Ion Ratio Lower Upper
93 100
95 31.1 24.3 36.5
123 12.1 8.4 12.6

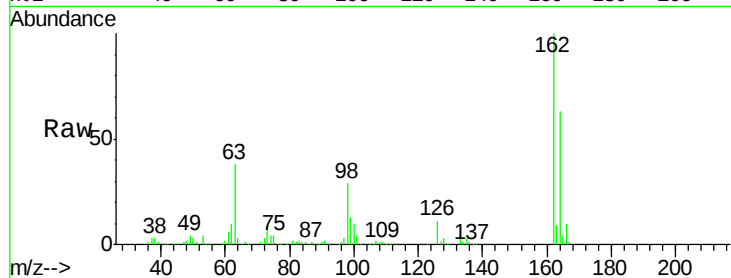




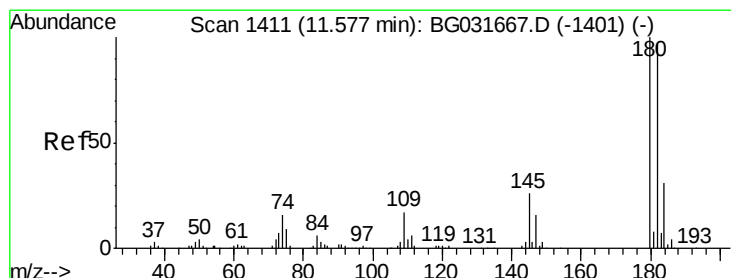
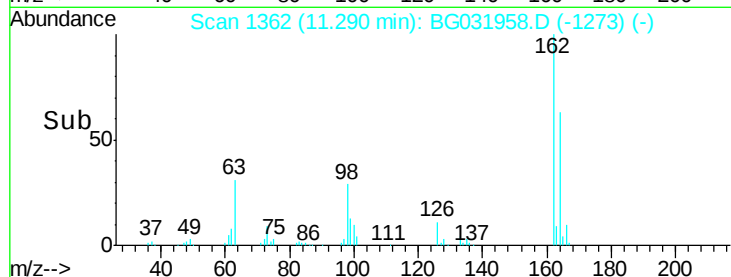
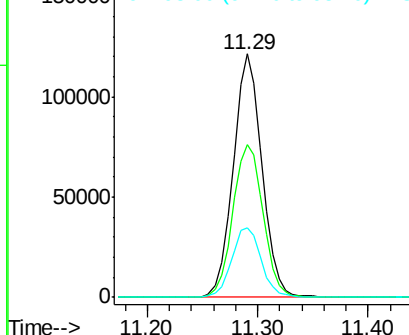
#29
2,4-Dichlorophenol
Concen: 42.349 ng
RT: 11.29 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 221114
Ion Ratio Lower Upper
162 100
164 62.8 48.0 88.0
98 28.5 21.1 61.1

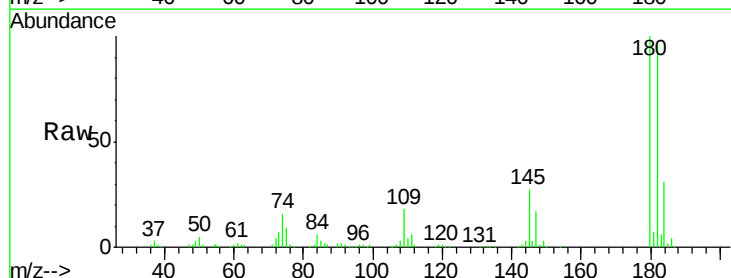


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

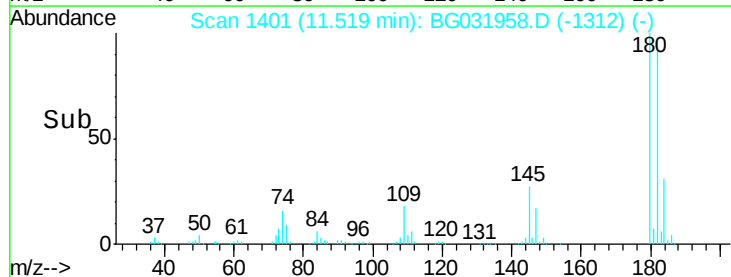
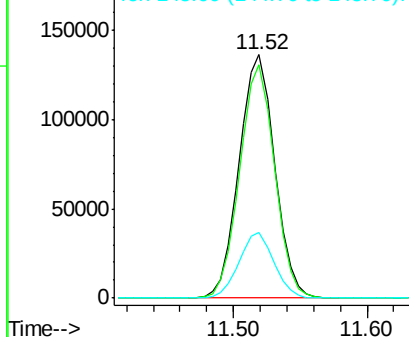


#30
1,2,4-Trichlorobenzene
Concen: 39.391 ng
RT: 11.52 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:180 Resp: 251121
Ion Ratio Lower Upper
180 100
182 95.9 77.5 116.3
145 26.8 23.4 35.2



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

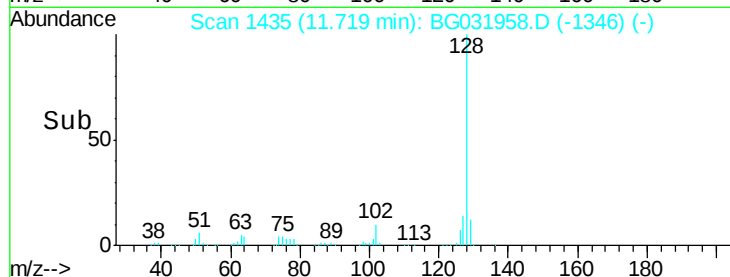
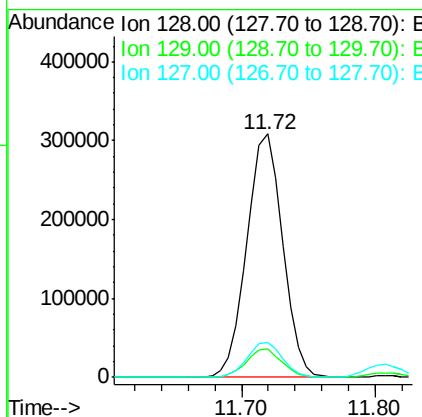
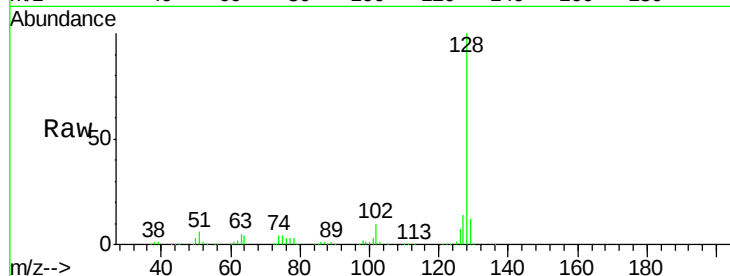




#31
Naphthalene
Concen: 38.389 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

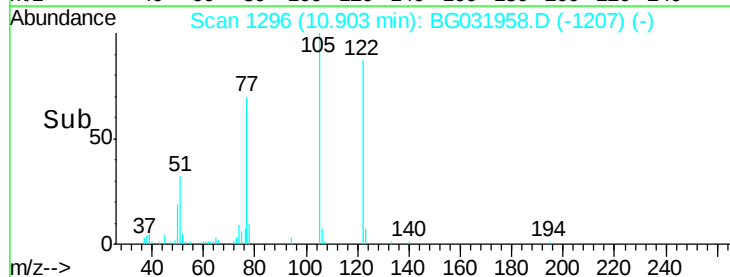
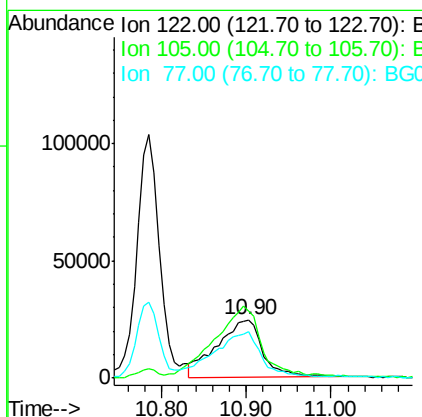
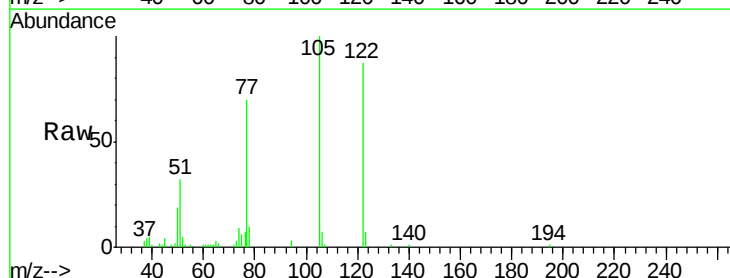
Instrument :
BNA_G
ClientSampleId :

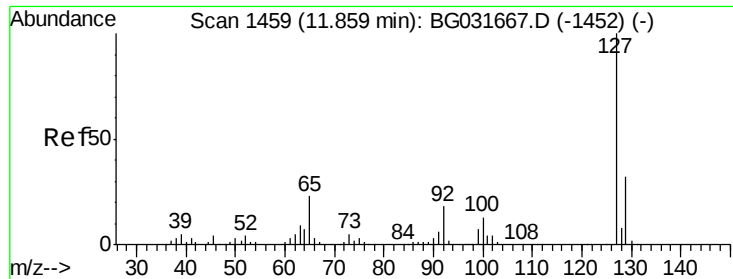
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	12.8
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 32.483 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	123.5	163.5#
77	80.4	85.7	125.7#

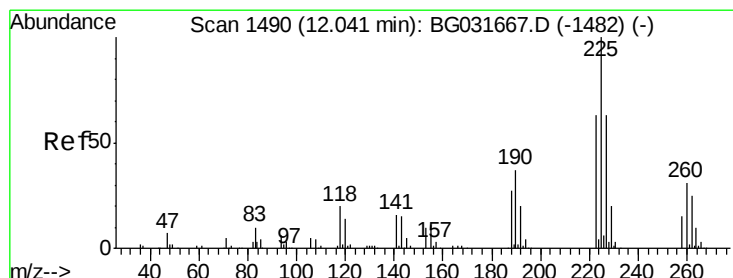
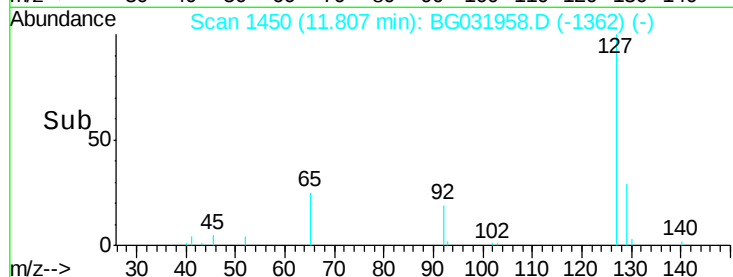
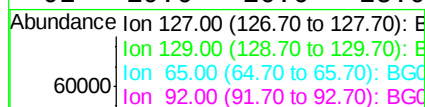
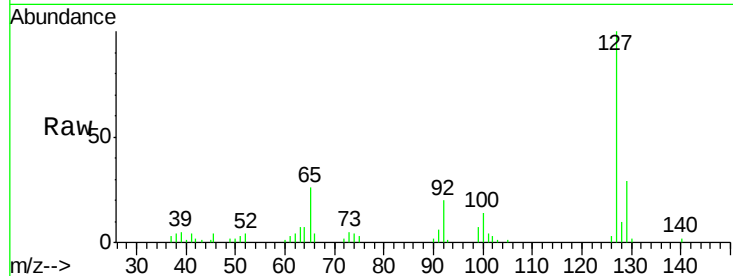




#33
4-Chloroaniline
Concen: 4.754 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

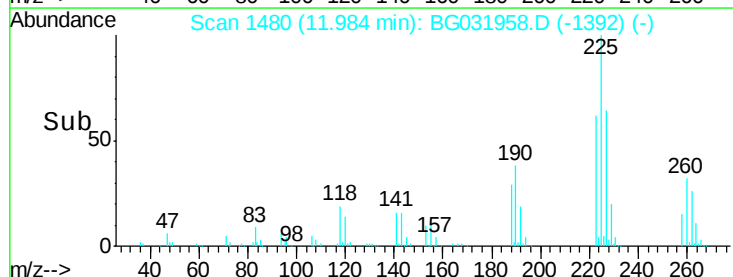
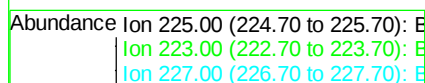
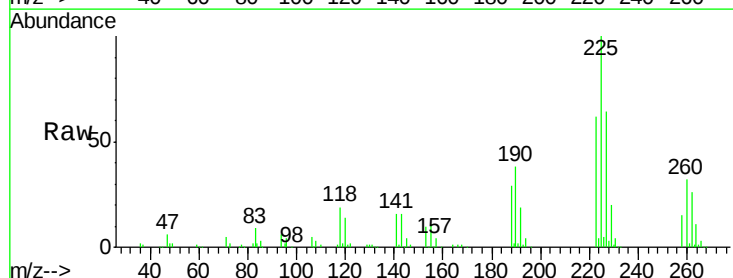
Instrument :
BNA_G
ClientSampleId :

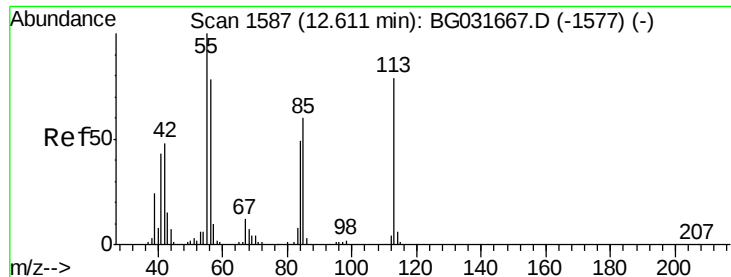
Tot Ion:	127	Resp:	31545
Ion	Ratio	Lower	Upper
127	100		
129	28.8	24.0	36.0
65	25.8	27.0	40.4
92	19.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.086 ng
RT: 11.98 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:	225	Resp:	171067
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.7	74.5
227	63.6	48.1	72.1





#35

Caprolactam

Concen: 31.677 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.02 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

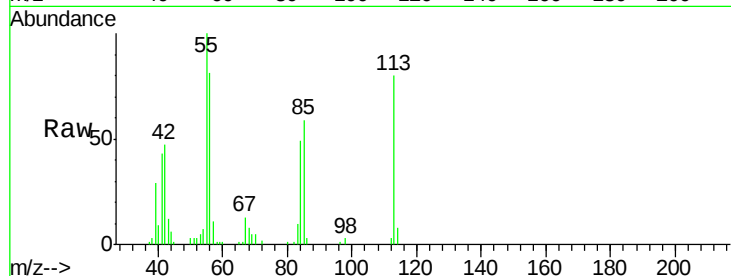
Tot Ion:113 Resp: 50133

Ion Ratio Lower Upper

113 100

55 124.5 186.9 226.9#

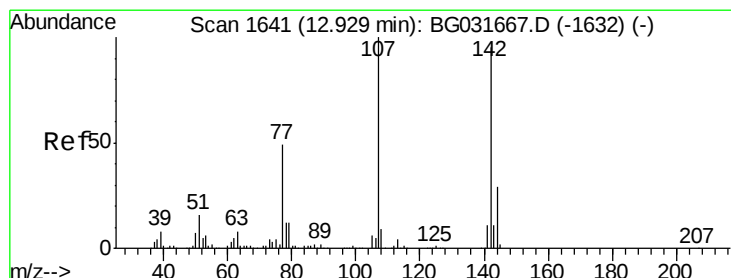
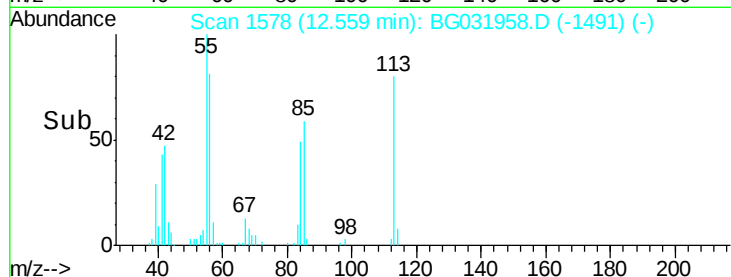
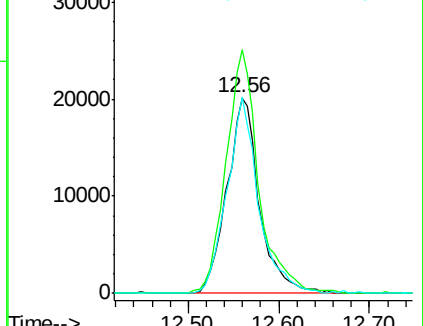
56 100.3 130.9 170.9#



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: 41.004 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

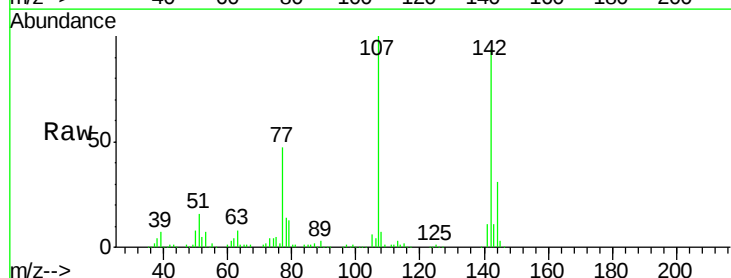
Tgt Ion:107 Resp: 197725

Ion Ratio Lower Upper

107 100

144 30.9 18.2 27.4#

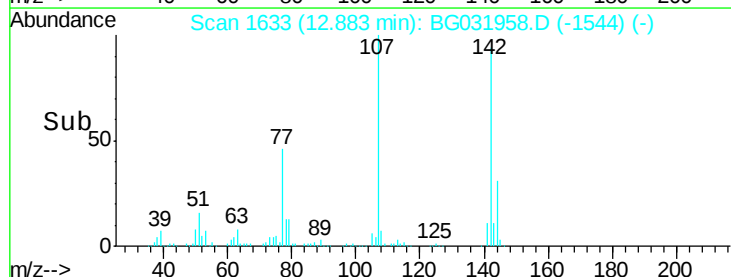
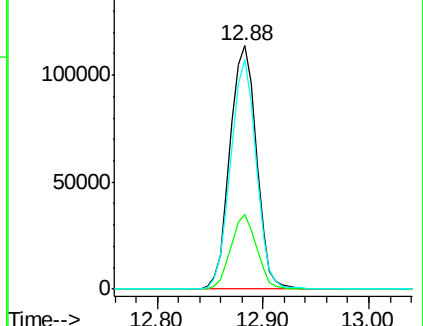
142 94.1 59.0 88.4#

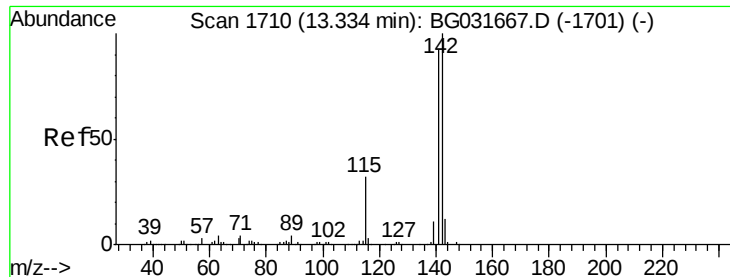


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

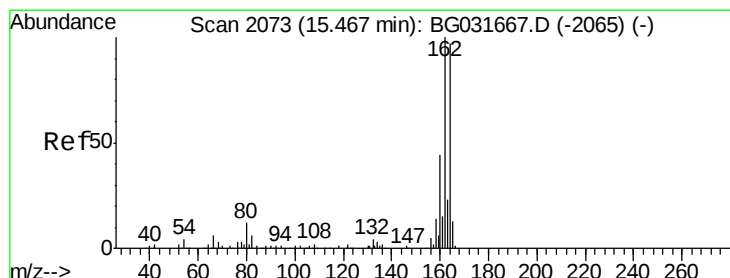
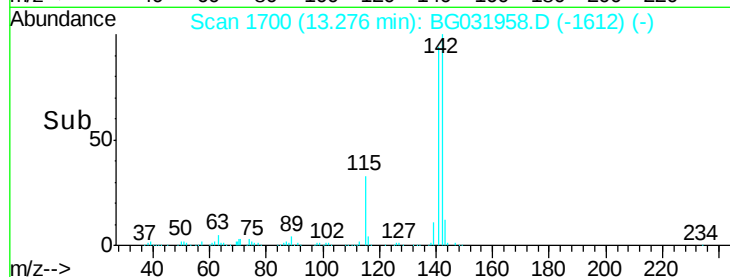
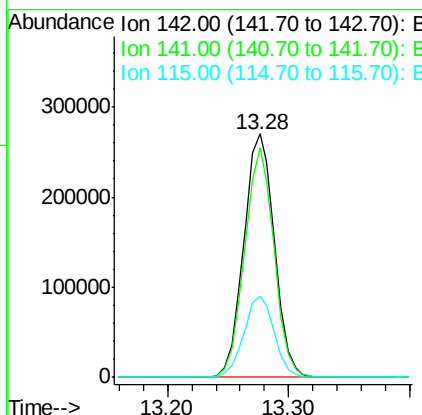
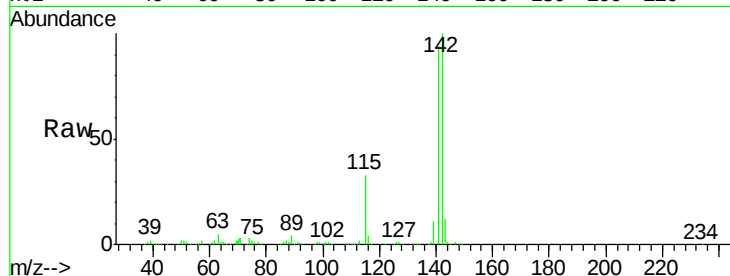




#37
 2-Methylnaphthalene
 Concen: 39.362 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

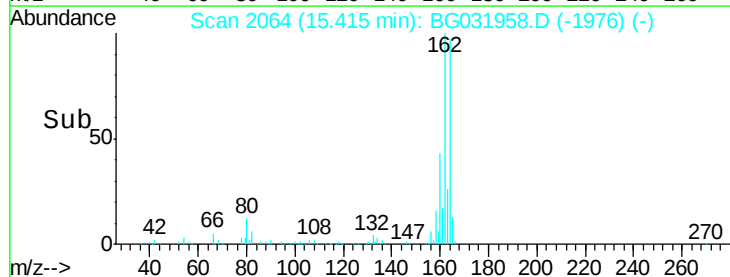
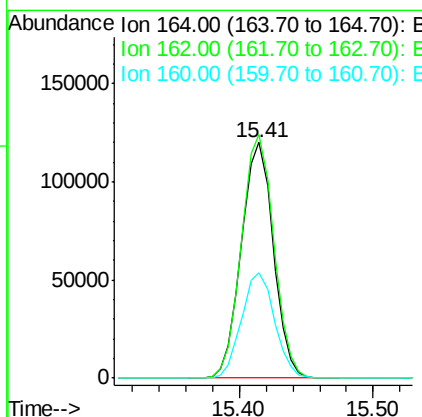
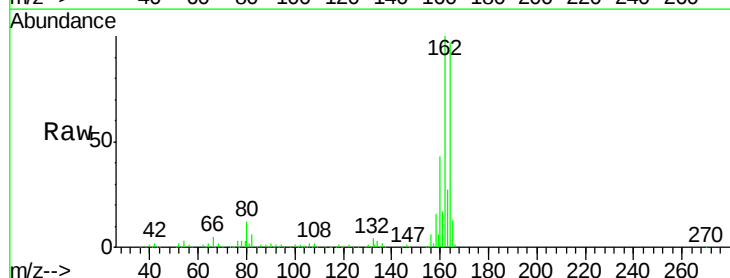
Instrument :
 BNA_G
 ClientSampleId :

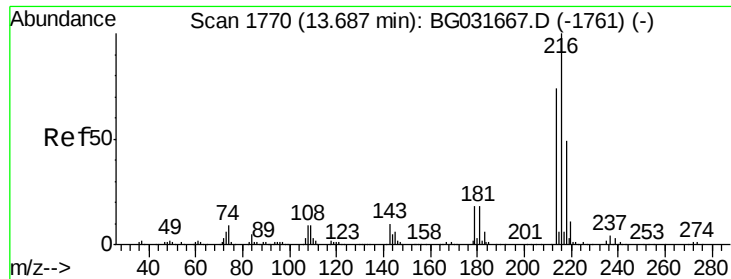
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.4	67.1	100.7
115	33.1	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	45.0	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.014 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 334308

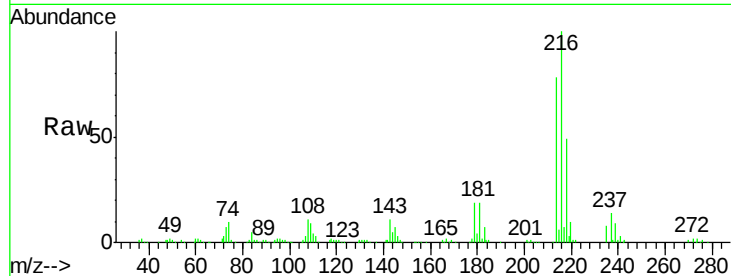
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 18.9 17.0 25.6

108 12.4 12.8 19.2#

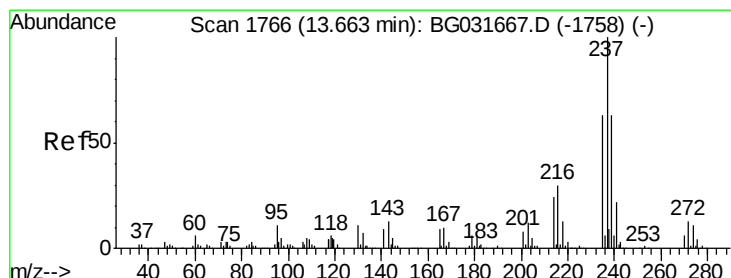
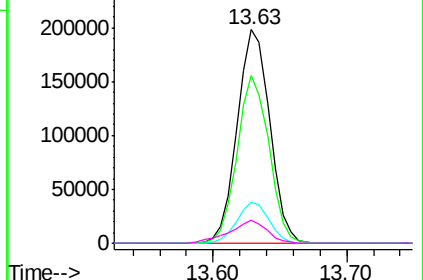
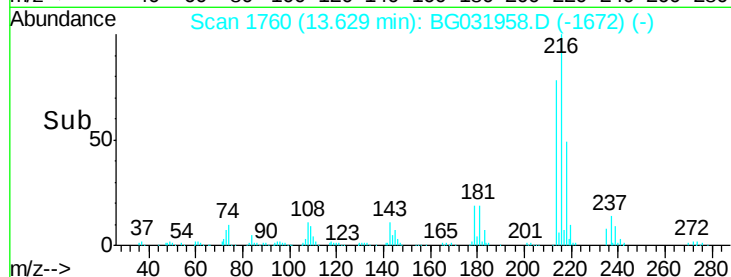


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.083 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

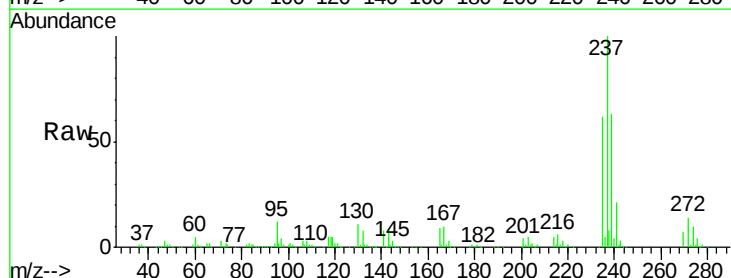
Tgt Ion:237 Resp: 397043

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

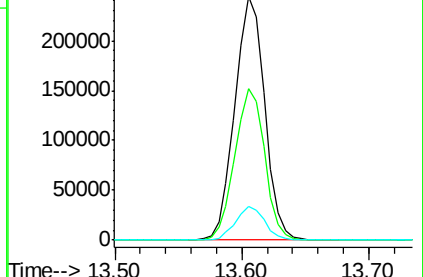
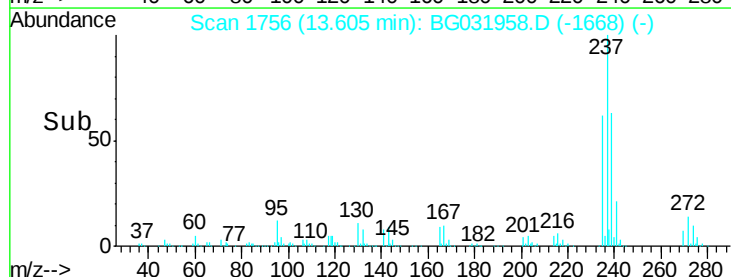
272 13.6 0.0 31.8

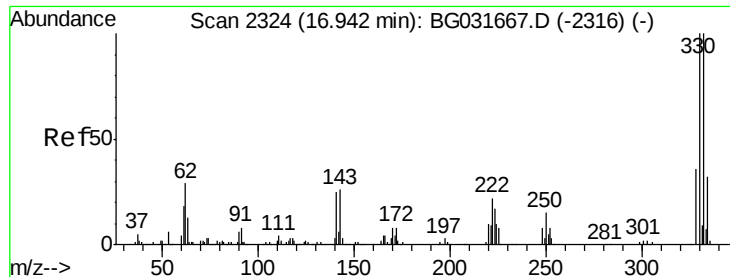


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

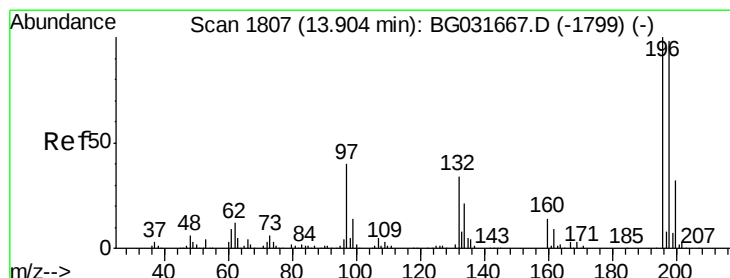
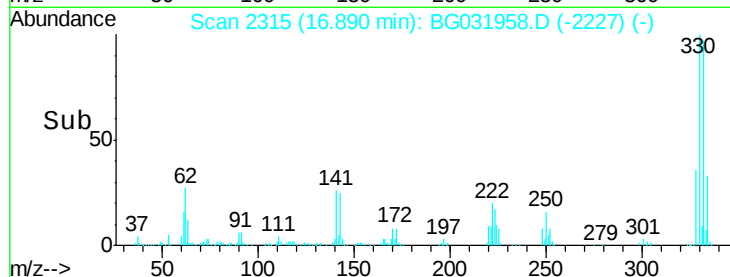
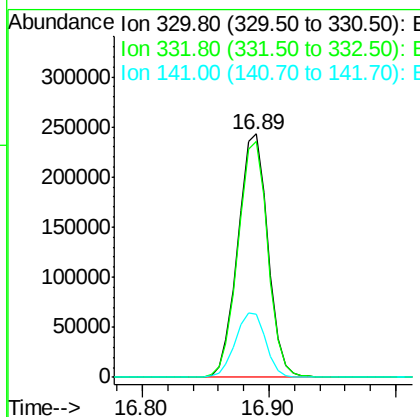
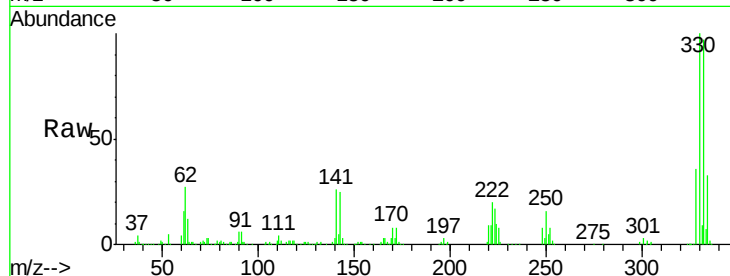




#41
 2,4,6-Tribromophenol
 Concen: 131.432 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

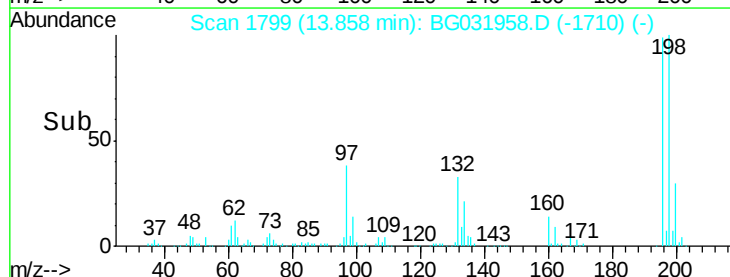
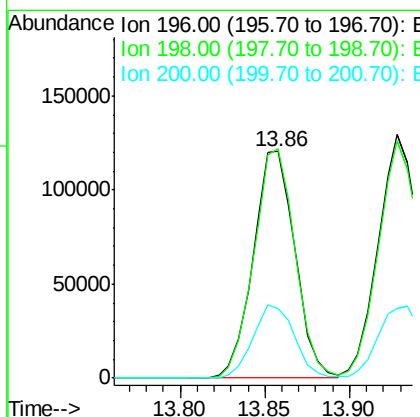
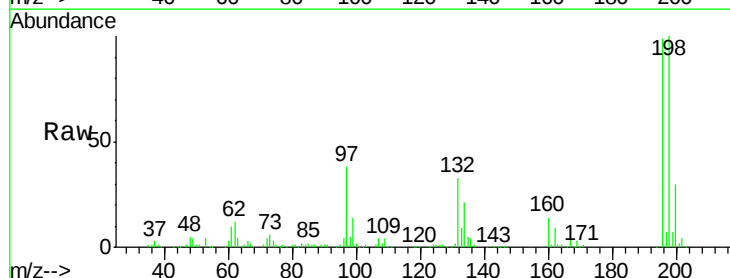
Instrument :
 BNA_G
 ClientSampleId :

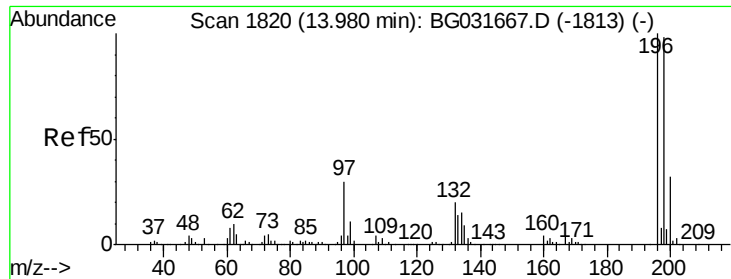
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.0	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.066 ng
 RT: 13.86 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	78.2	117.2
200	30.9	24.6	36.8

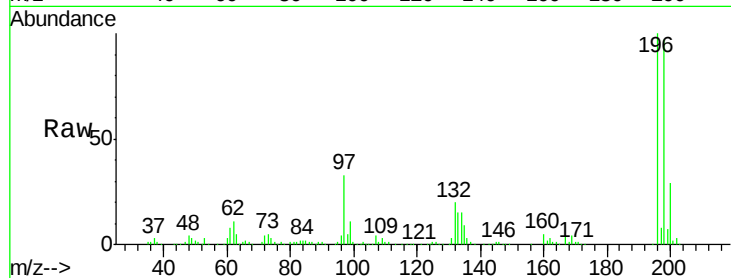




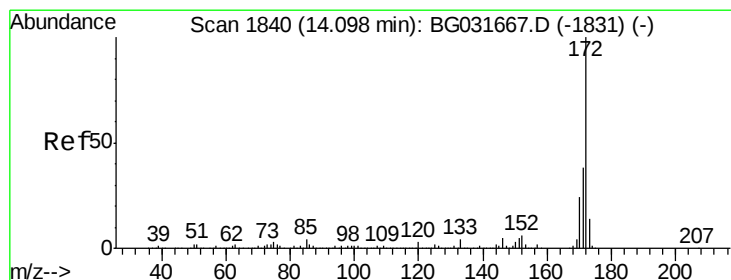
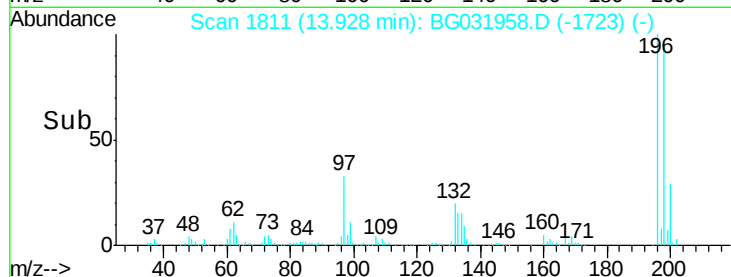
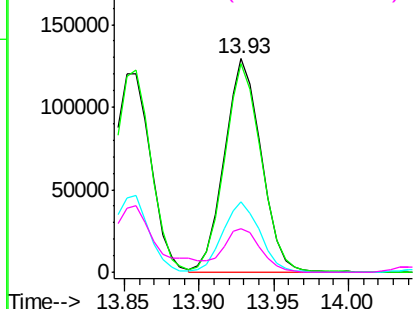
#43
2,4,5-Trichlorophenol
Concen: 41.616 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	196	Resp	222159
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.2	114.4
97	32.9	38.7	58.1
132	20.4	20.2	30.2

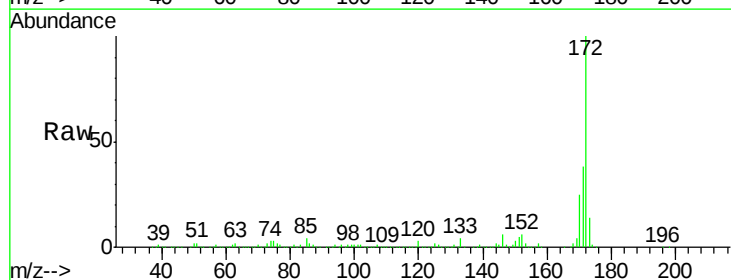


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

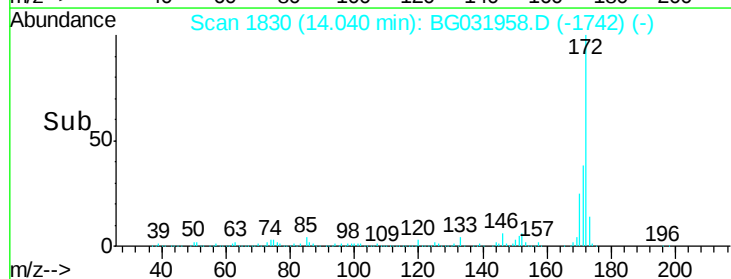
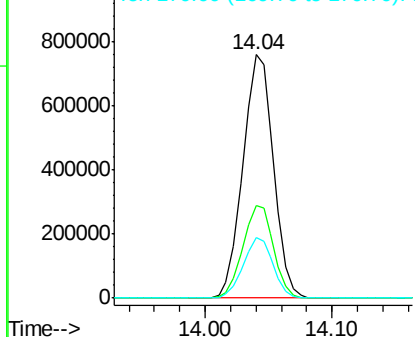


#44
2-Fluorobiphenyl
Concen: 80.327 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion	172	Resp	1269444
Ion Ratio	Lower	Upper	
172	100		
171	37.9	30.0	45.0
170	24.6	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: 40.071 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

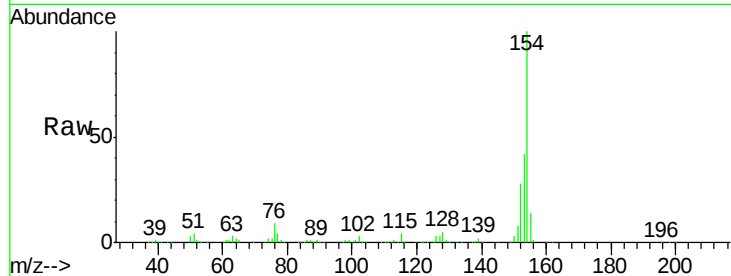
Tot Ion:154 Resp: 678869

Ion Ratio Lower Upper

154 100

153 42.2 19.8 59.8

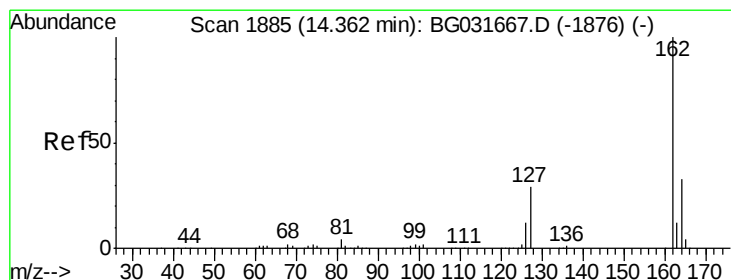
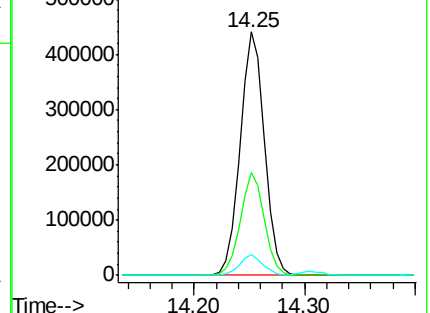
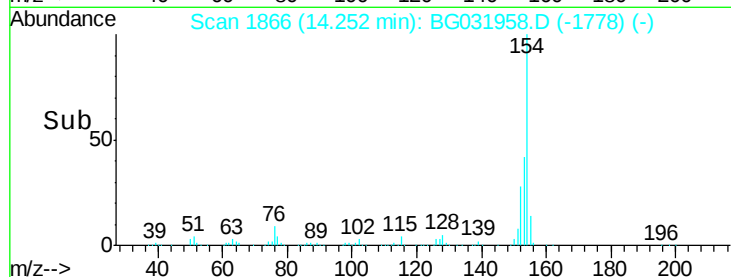
76 8.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 39.498 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

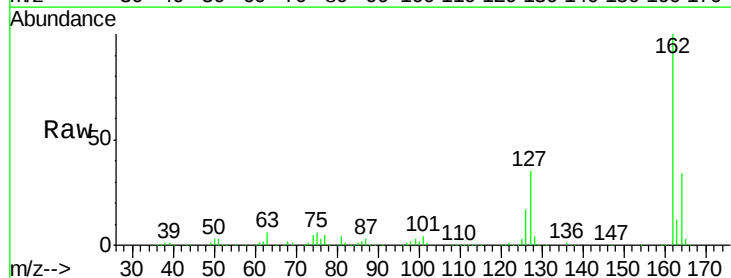
Tgt Ion:162 Resp: 510401

Ion Ratio Lower Upper

162 100

127 34.6 30.7 46.1

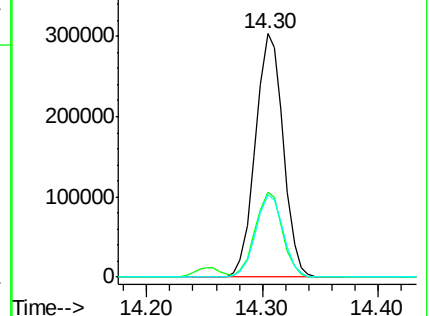
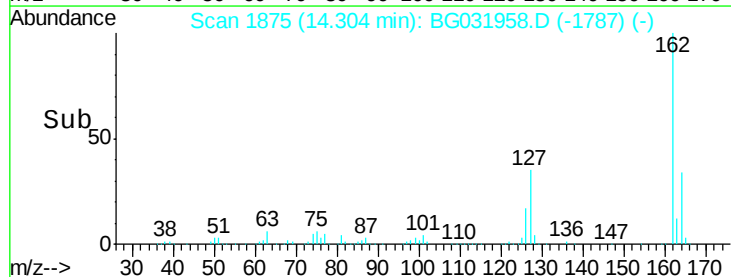
164 33.7 26.0 39.0

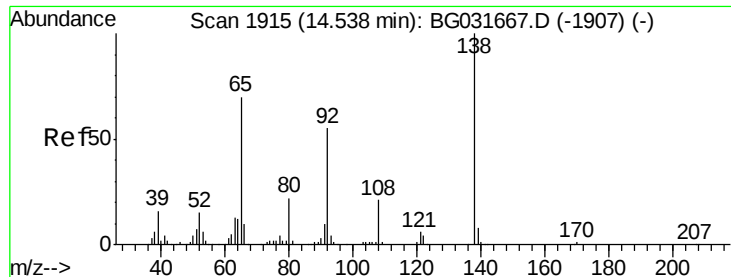


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

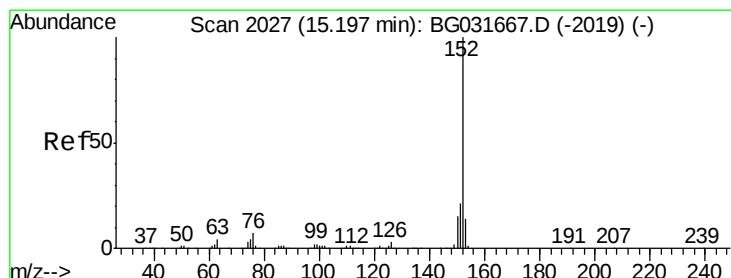
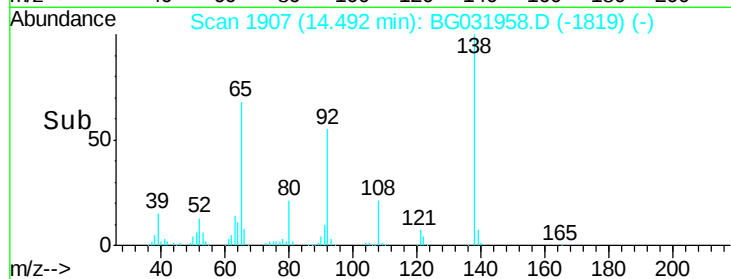
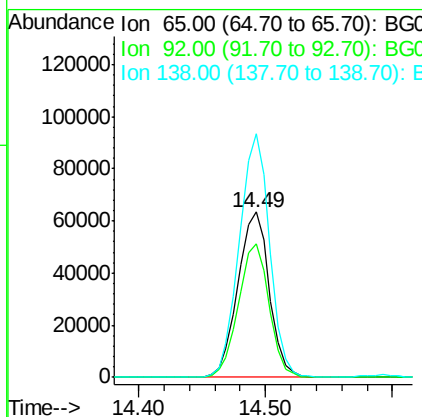
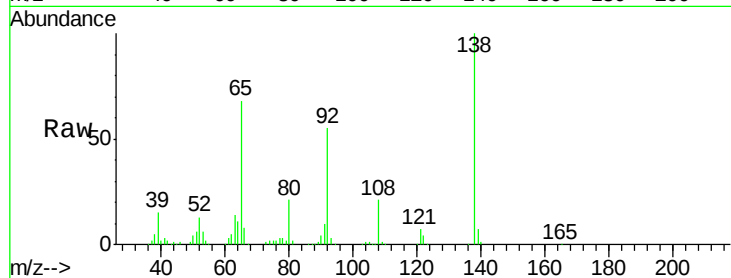




#47
2-Nitroaniline
Concen: 48.673 ng
RT: 14.49 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

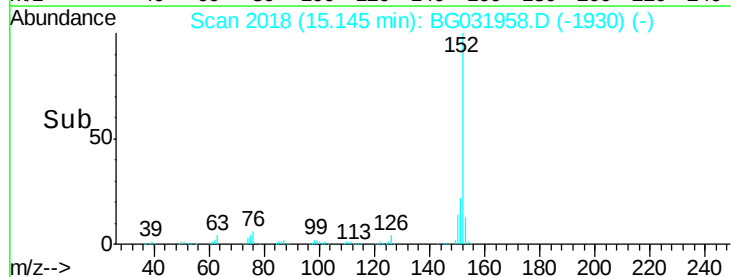
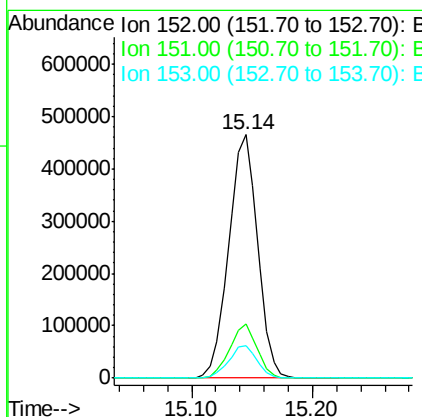
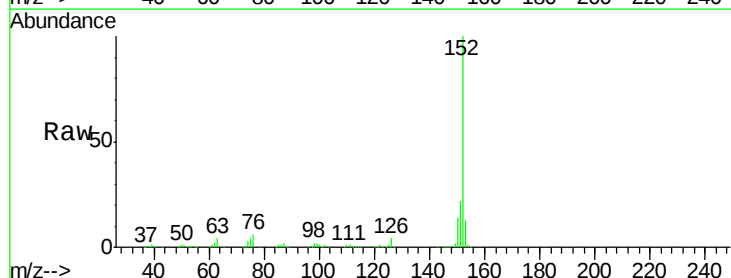
Instrument :
BNA_G
ClientSampleId :

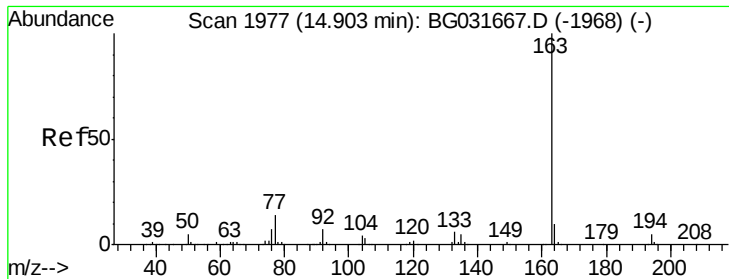
Tot Ion: 65 Resp: 108627
Ion Ratio Lower Upper
65 100
92 80.7 54.6 82.0
138 147.5 72.9 109.3#



#48
Acenaphthylene
Concen: 37.371 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion: 152 Resp: 772574
Ion Ratio Lower Upper
152 100
151 22.2 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 37.353 ng

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

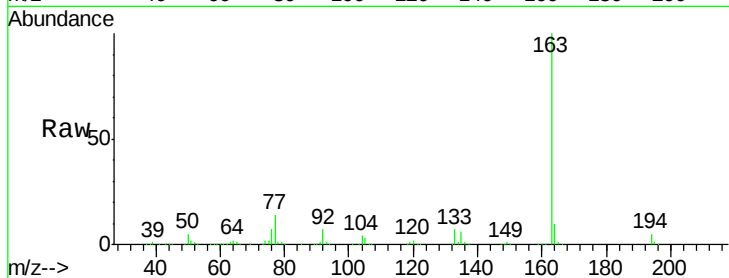
Tot Ion:163 Resp: 652722

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

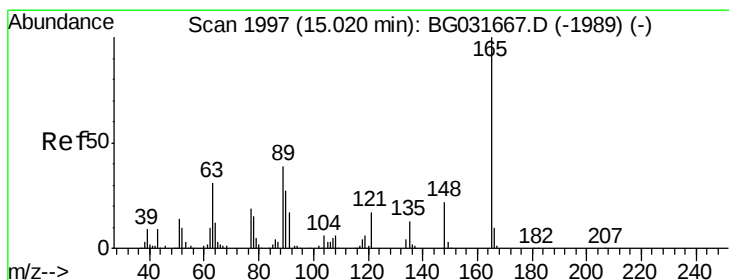
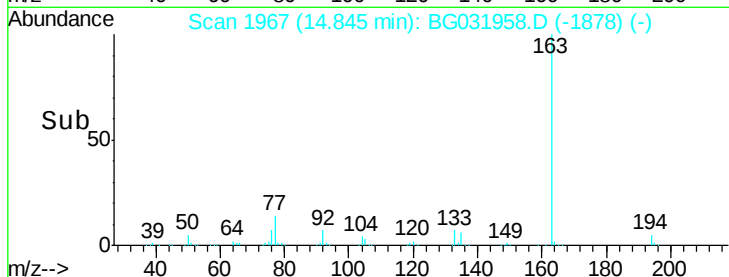
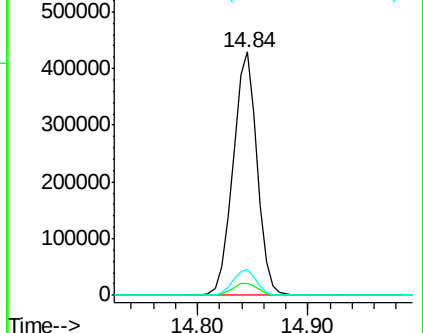
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.895 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

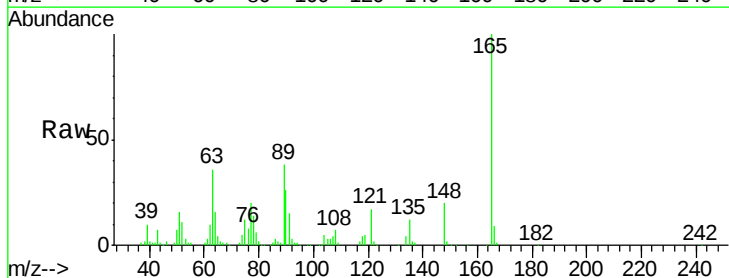
Tgt Ion:165 Resp: 150750

Ion Ratio Lower Upper

165 100

63 36.4 52.7 79.1#

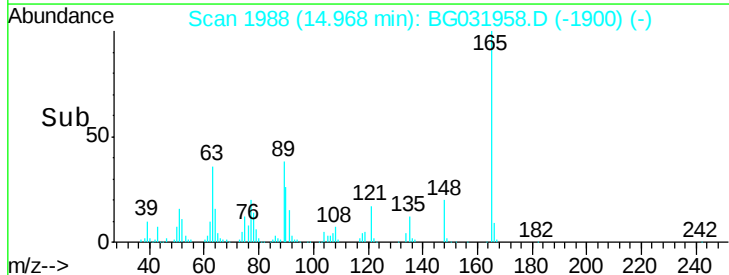
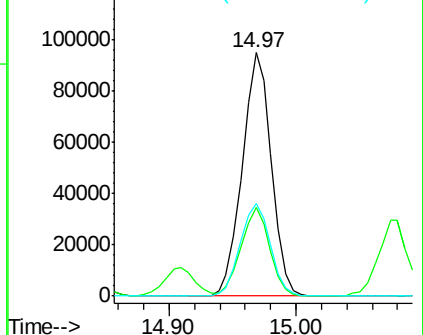
89 38.1 49.2 73.8#

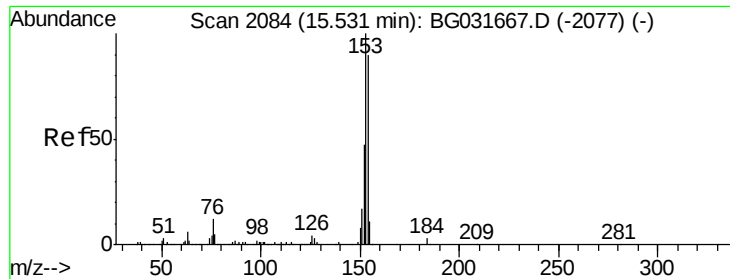


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.157 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

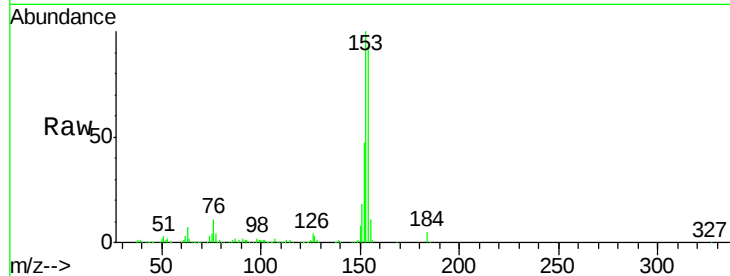
Tot Ion:154 Resp: 543704

Ion Ratio Lower Upper

154 100

153 108.0 90.4 135.6

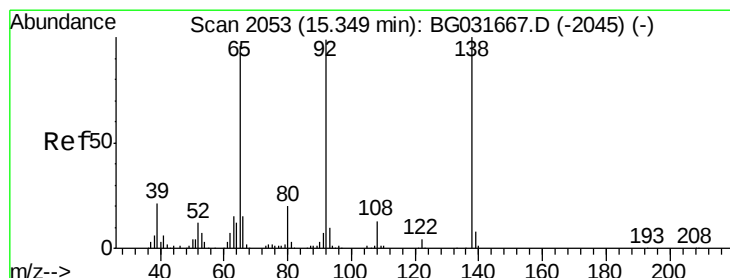
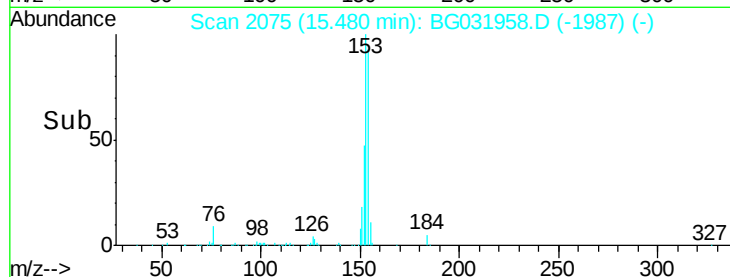
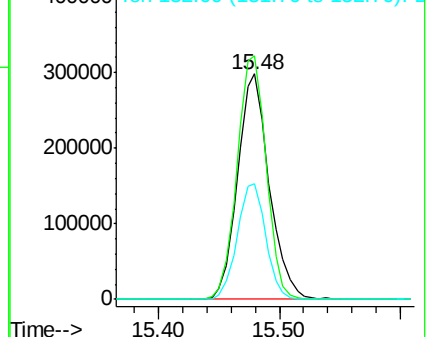
152 51.1 41.6 62.4



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: 11.822 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

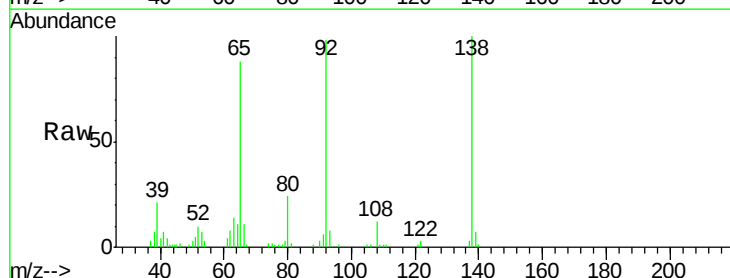
Tgt Ion:138 Resp: 37077

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

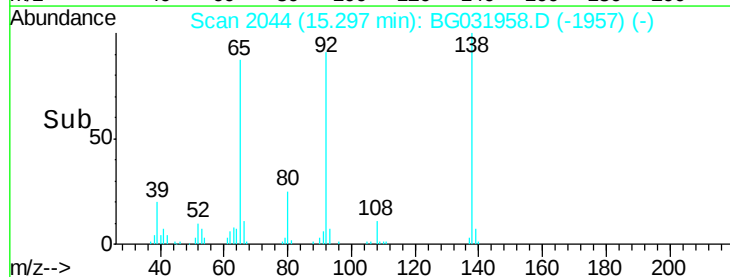
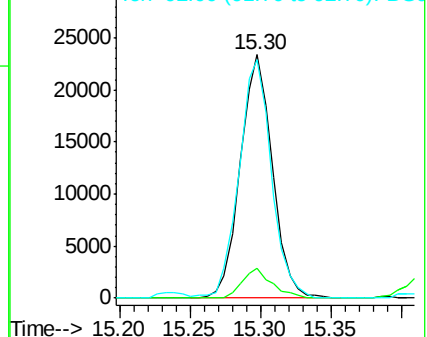
92 98.1 105.8 158.8#

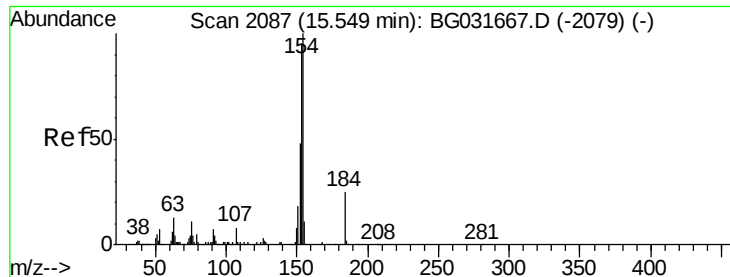


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

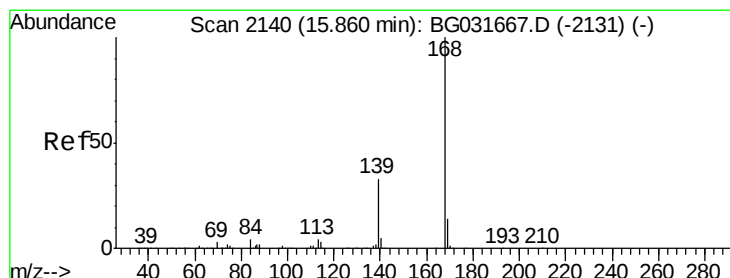
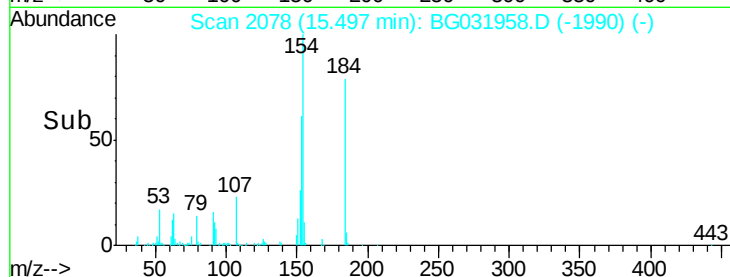
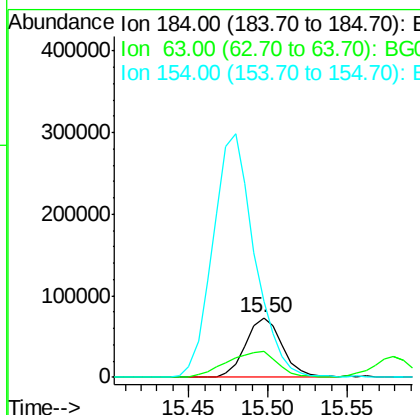
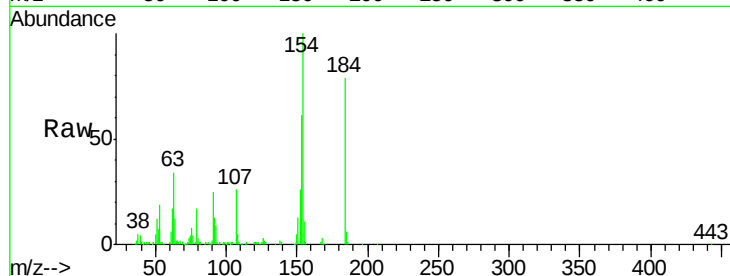




#53
 2,4-Dinitrophenol
 Concen: 85.339 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

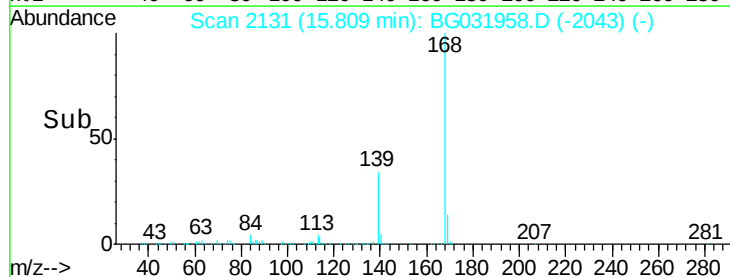
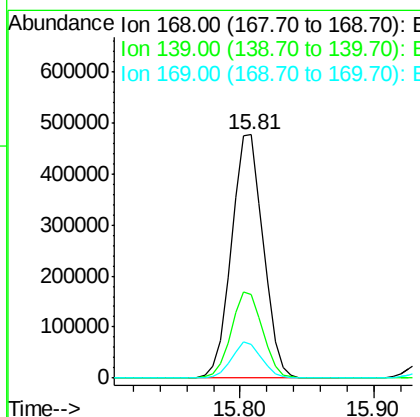
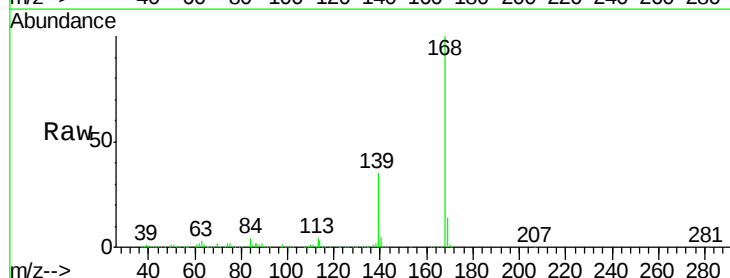
Instrument :
 BNA_G
 ClientSampleId :

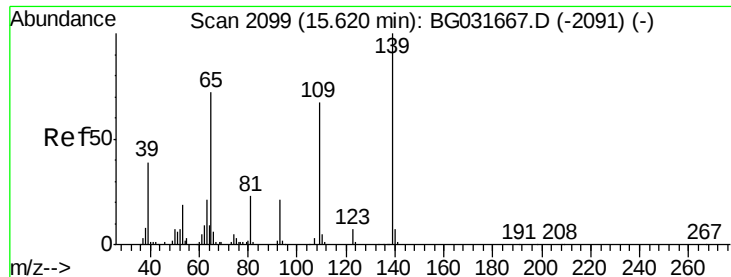
Tot Ion:184 Resp: 117311
 Ion Ratio Lower Upper
 184 100
 63 42.8 59.8 89.8#
 154 126.2 101.8 152.8



#54
 Dibenzofuran
 Concen: 37.968 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion:168 Resp: 788012
 Ion Ratio Lower Upper
 168 100
 139 34.6 28.6 43.0
 169 13.9 11.2 16.8





#55

4-Nitrophenol

Concen: 73.898 ng

RT: 15.58 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

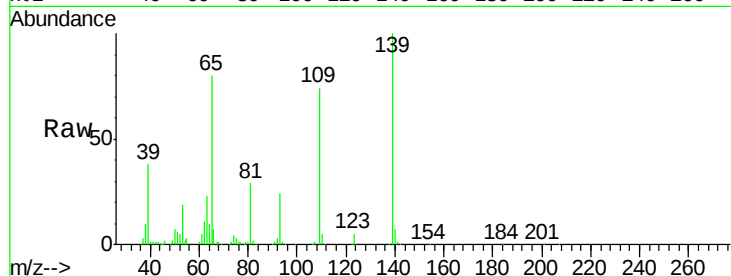
Tot Ion:139 Resp: 188634

Ion Ratio Lower Upper

139 100

109 73.8 62.2 102.2

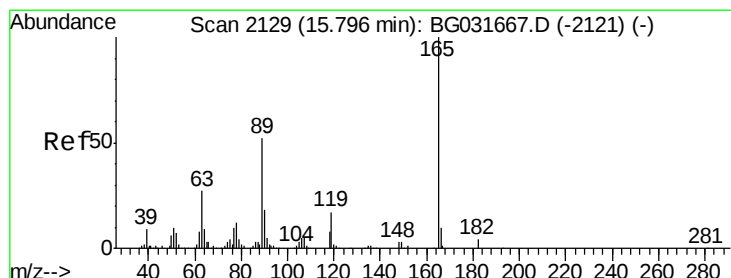
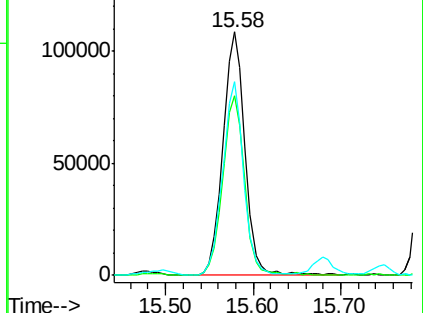
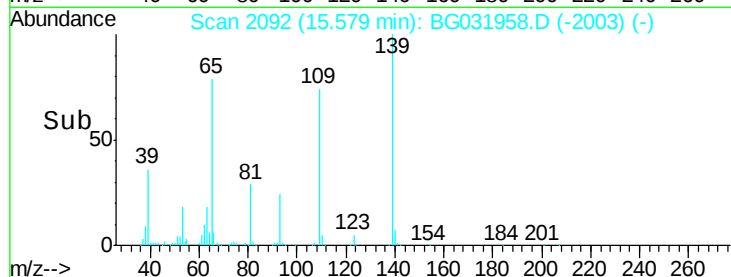
65 79.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 50.059 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Tgt Ion:165 Resp: 206921

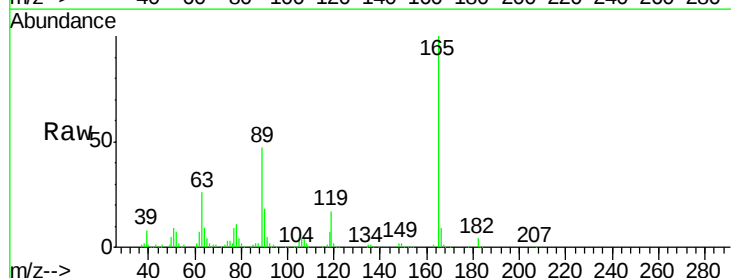
Ion Ratio Lower Upper

165 100

63 26.3 42.0 63.0#

89 47.4 66.9 100.3#

182 3.8 2.6 3.8

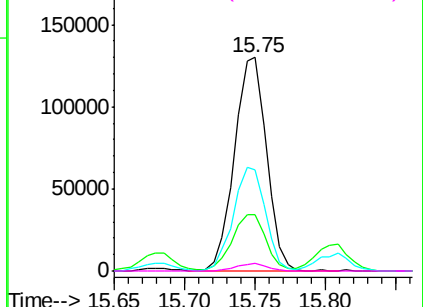
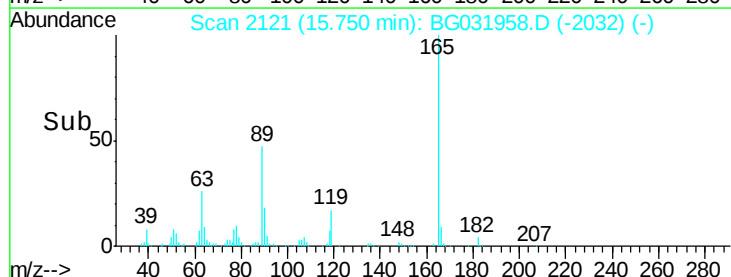


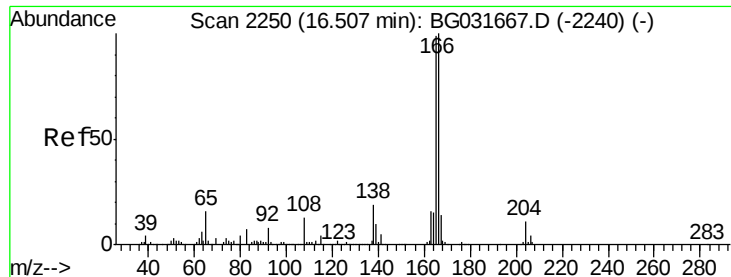
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

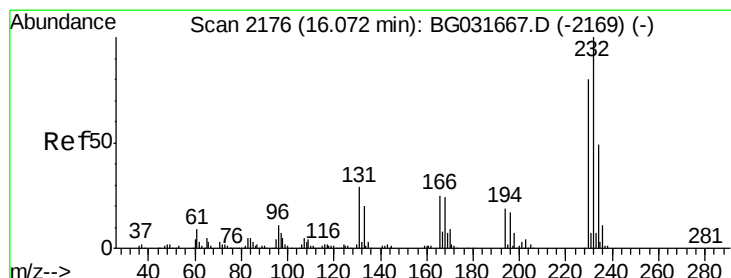
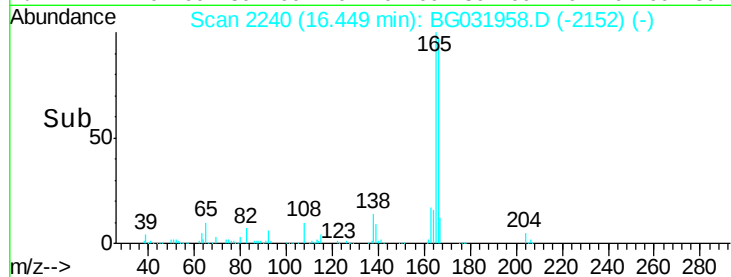
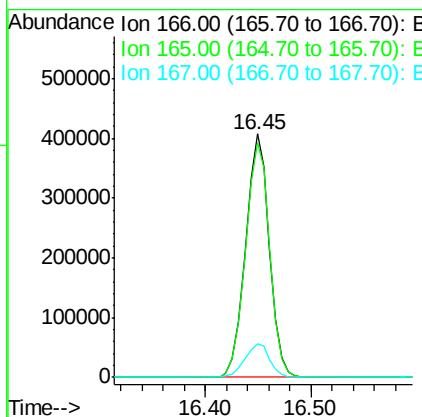
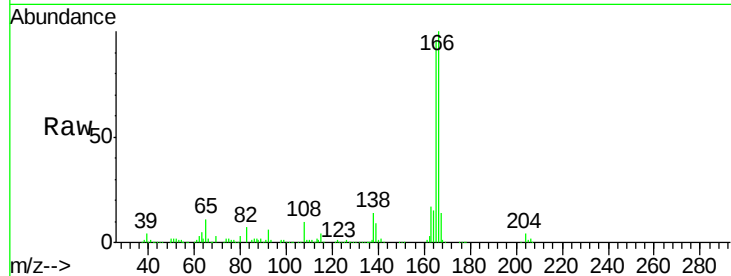




#57
 Fluorene
 Concen: 37.463 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

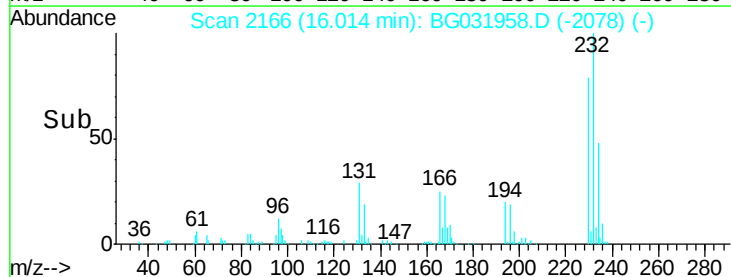
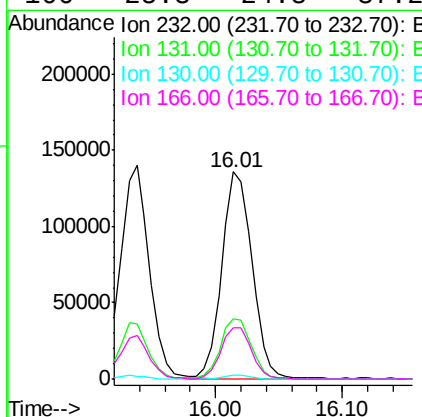
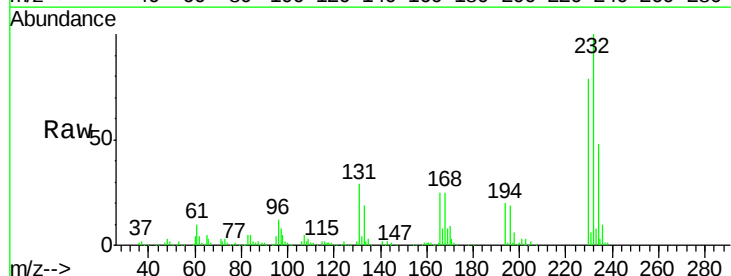
Instrument :
 BNA_G
 ClientSampleId :

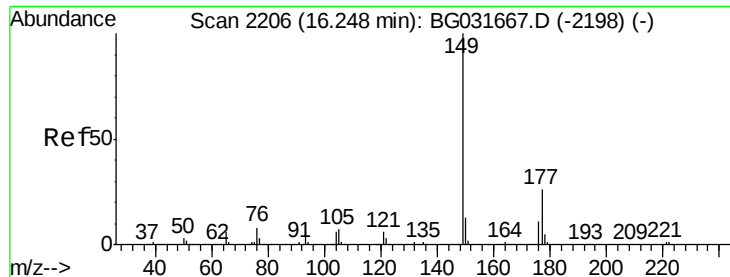
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.6	121.0
167	13.7	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.887 ng
 RT: 16.01 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.0	33.5	50.3#
130	1.9	2.2	3.2#
166	25.3	24.8	37.2





#59

Diethylphthalate

Concen: 36.769 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

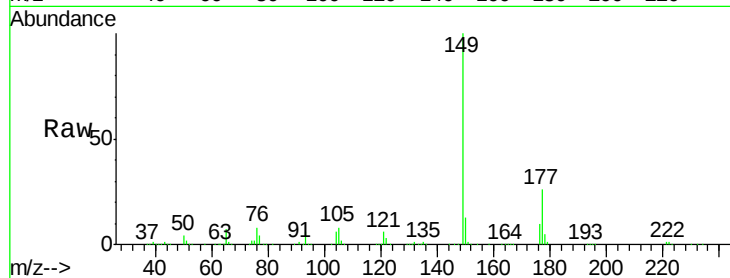
Tot Ion:149 Resp: 626244

Ion Ratio Lower Upper

149 100

177 26.1 18.5 27.7

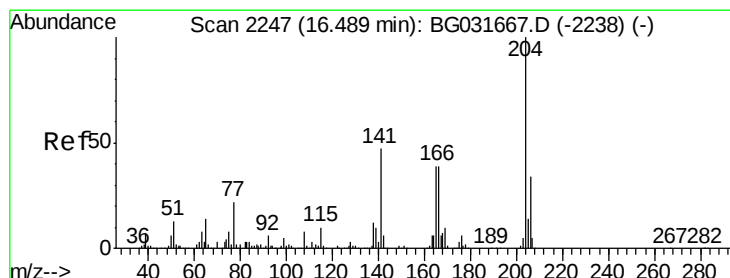
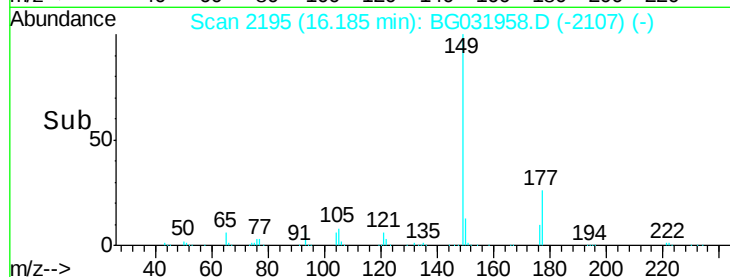
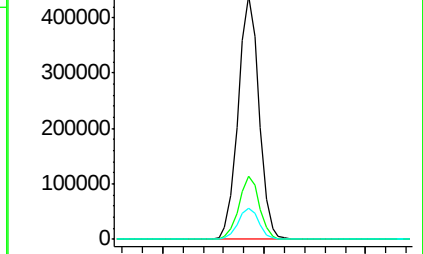
150 12.9 10.2 15.2



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: 37.238 ng

RT: 16.43 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

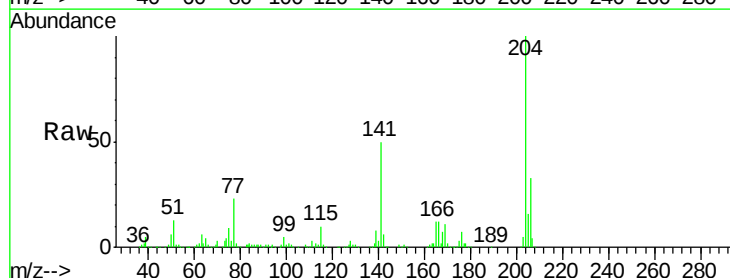
Tgt Ion:204 Resp: 384159

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

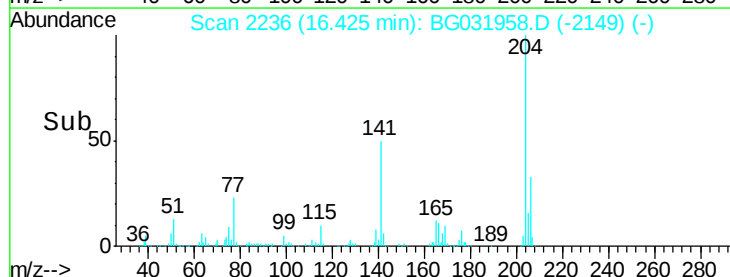
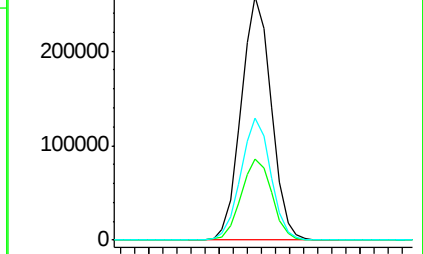
141 50.3 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

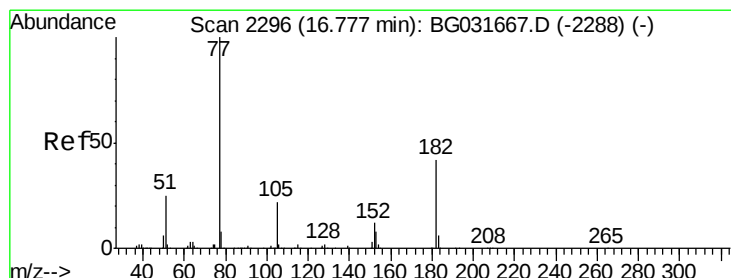
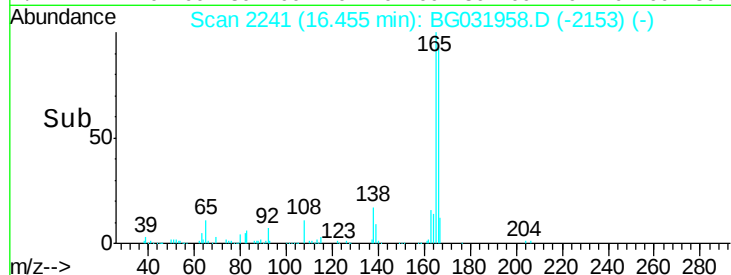
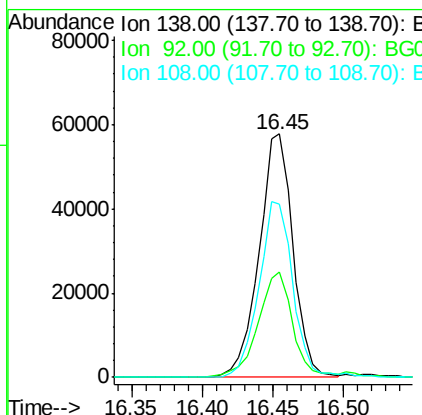
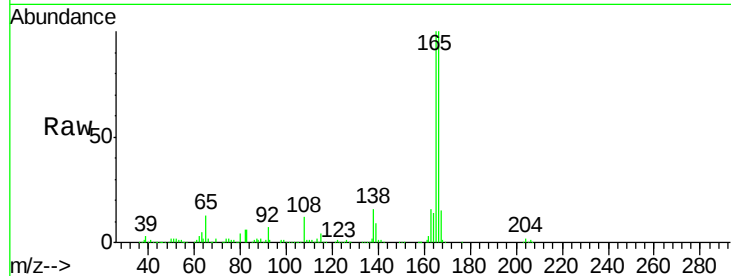




#61
4-Nitroaniline
Concen: 31.858 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

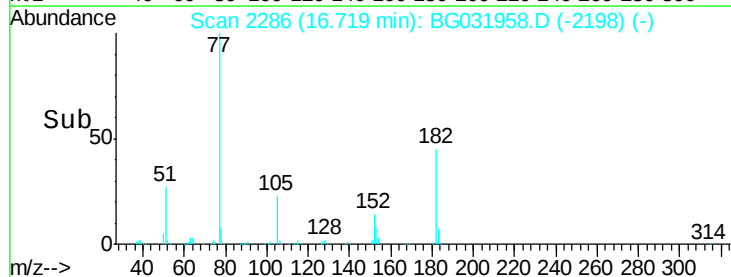
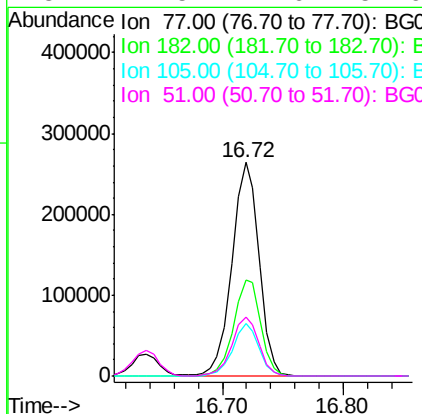
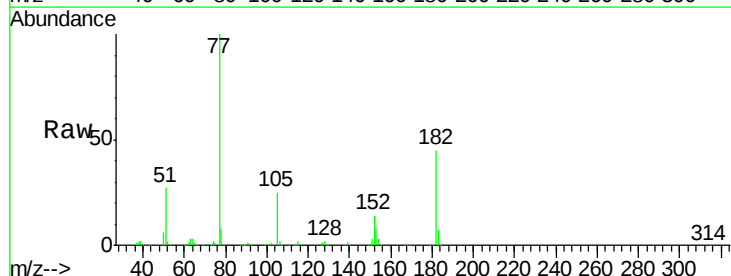
Instrument :
BNA_G
ClientSampleId :

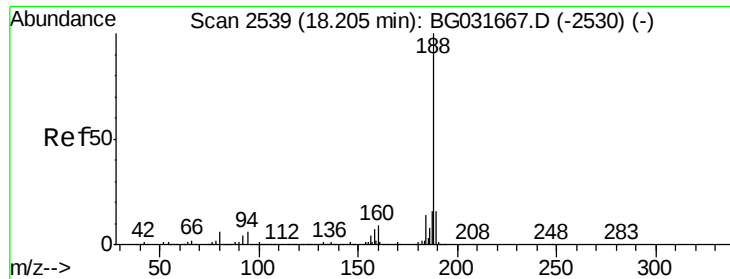
Tot Ion:138 Resp: 97501
Ion Ratio Lower Upper
138 100
92 43.0 40.1 80.1
108 71.3 65.4 105.4



#62
Azobenzene
Concen: 37.687 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion: 77 Resp: 411637
Ion Ratio Lower Upper
77 100
182 44.8 7.4 47.4
105 24.7 0.3 40.3
51 27.5 11.6 51.6

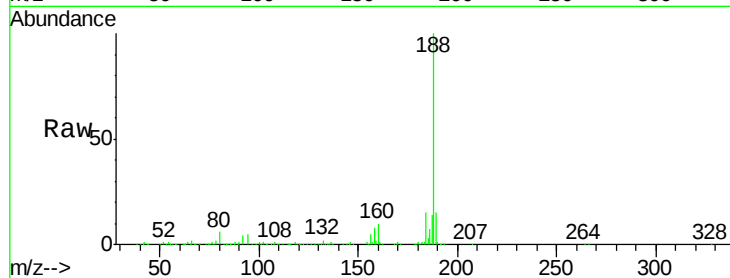




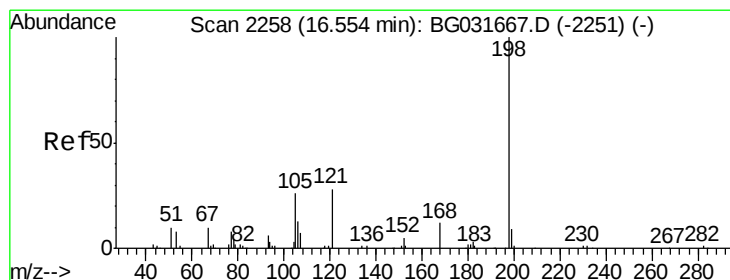
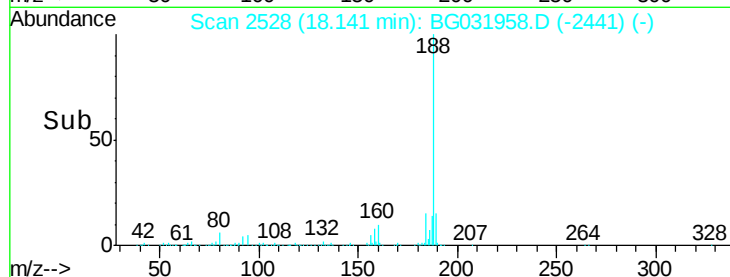
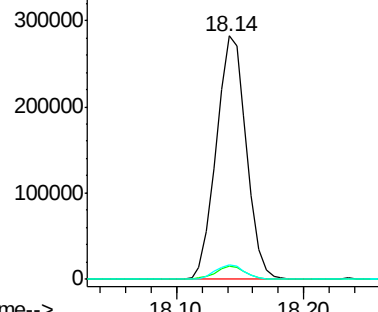
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 463274
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.9 7.7 11.5#

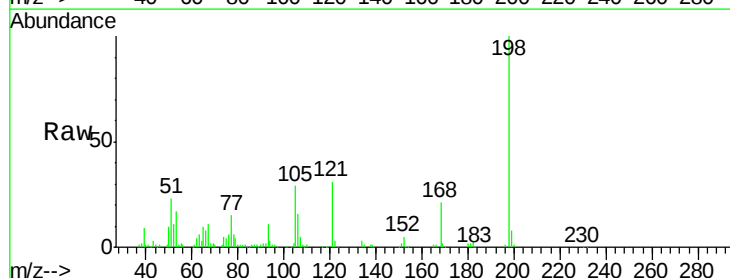


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

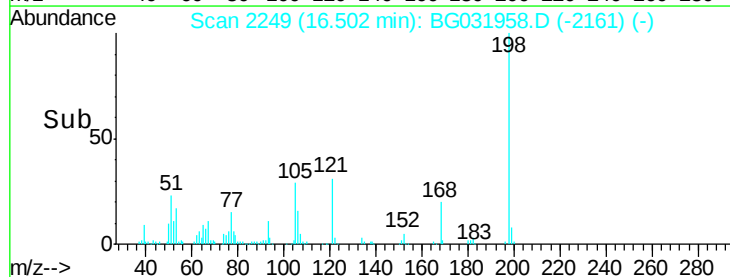
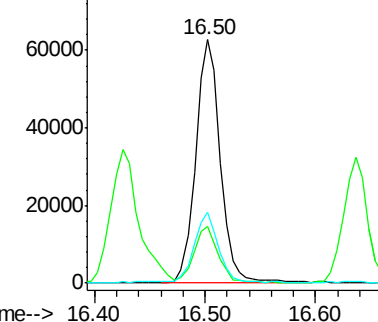


#64
4,6-Dinitro-2-methylphenol
Concen: 44.191 ng
RT: 16.50 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:198 Resp: 97799
Ion Ratio Lower Upper
198 100
51 23.1 30.6 70.6#
105 29.0 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: 38.054 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

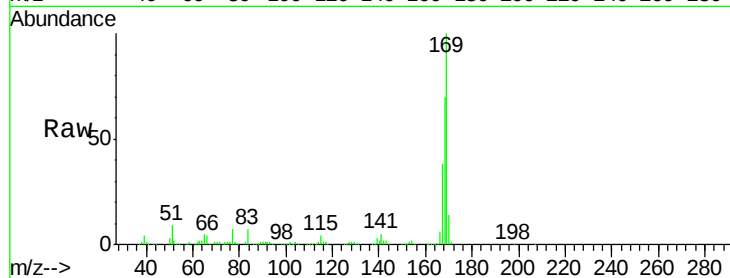
Tot Ion:169 Resp: 585510

Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.7	83.5
167	38.4	30.1	45.1

169 100

168 69.5 55.7 83.5

167 38.4 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

16.64

400000

300000

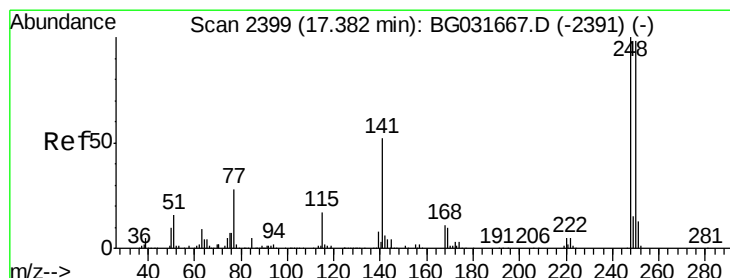
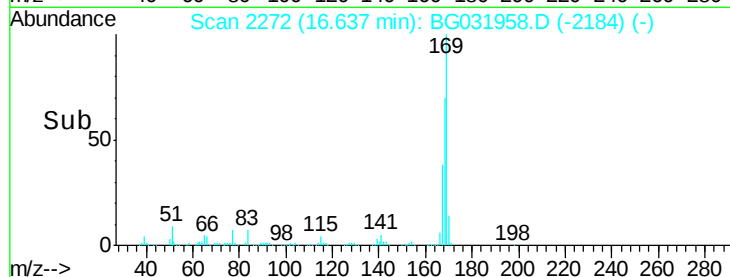
200000

100000

0

16.60 16.70

Time-->



#66

4-Bromophenyl-phenylether

Concen: 41.236 ng

RT: 17.32 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

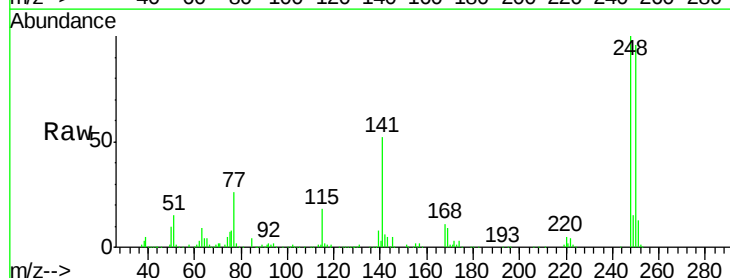
Tgt Ion:248 Resp: 276250

Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.1	115.7
141	52.5	50.8	76.2

248 100

250 96.3 77.1 115.7

141 52.5 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

17.32

250000

200000

150000

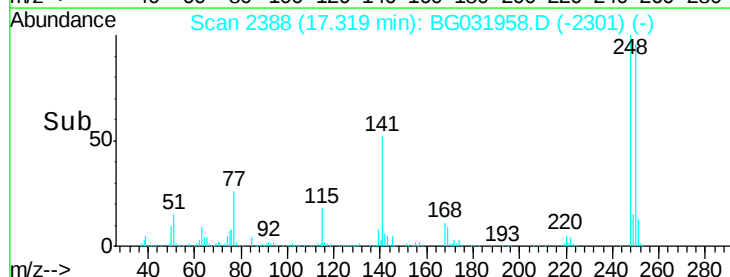
100000

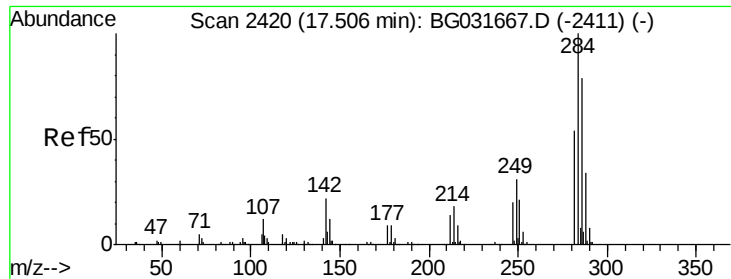
50000

0

17.25 17.35 17.40

Time-->

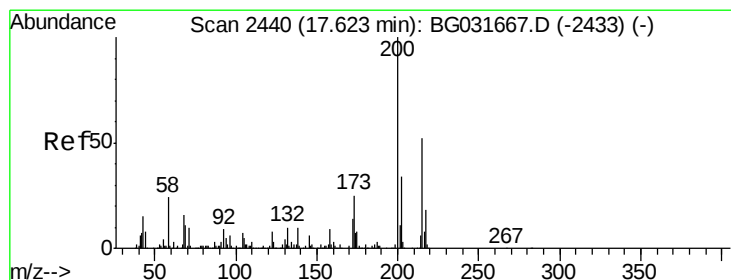
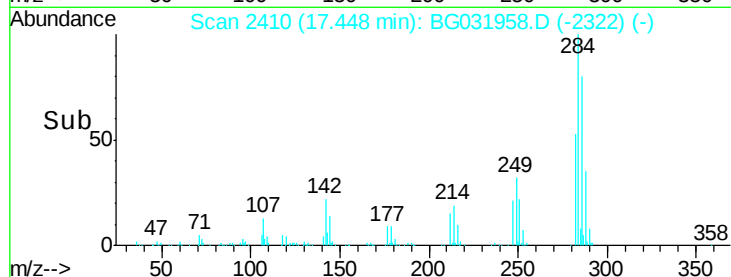
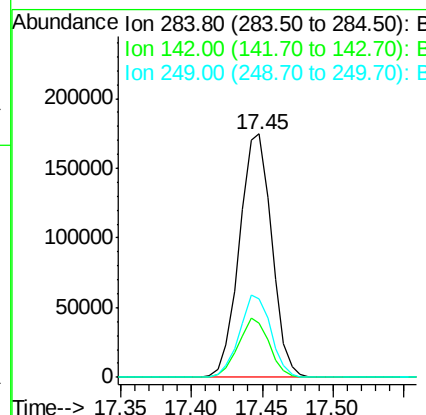
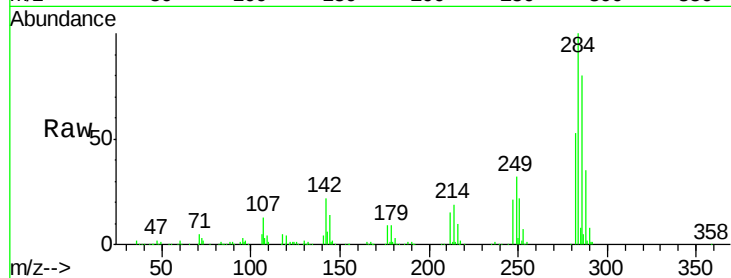




#67
Hexachlorobenzene
Concen: 40.690 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

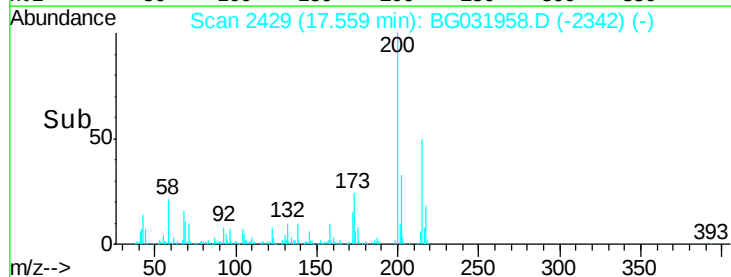
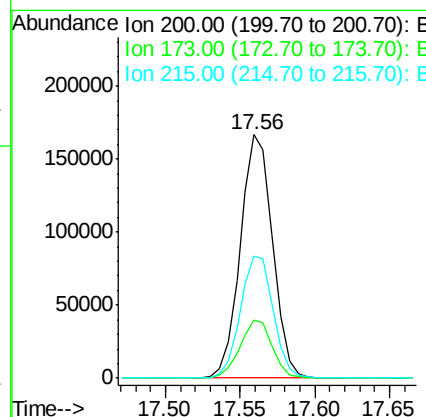
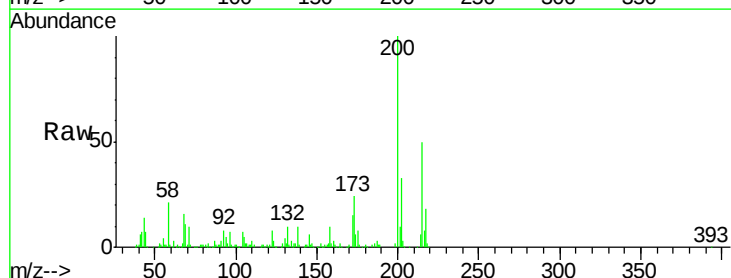
Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 278657
Ion Ratio Lower Upper
284 100
142 22.0 26.8 40.2#
249 32.1 26.3 39.5



#68
Atrazine
Concen: 41.684 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:200 Resp: 249386
Ion Ratio Lower Upper
200 100
173 24.0 5.2 45.2
215 50.3 30.4 70.4

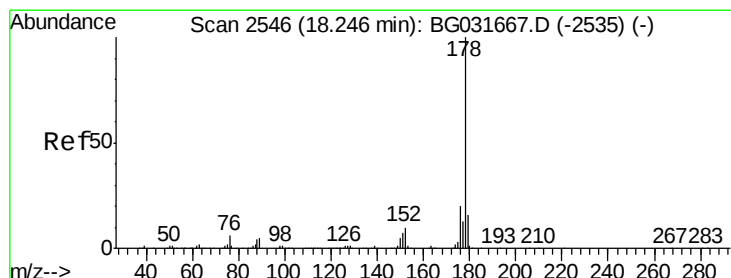
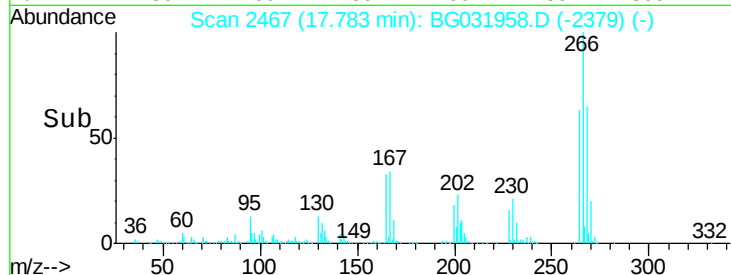
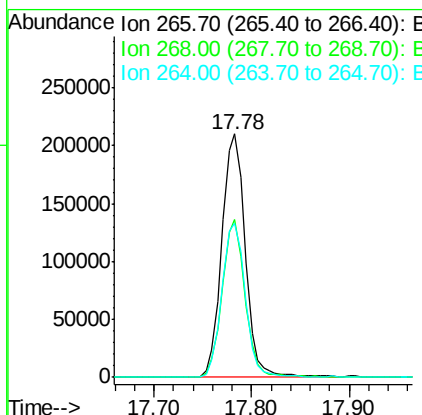
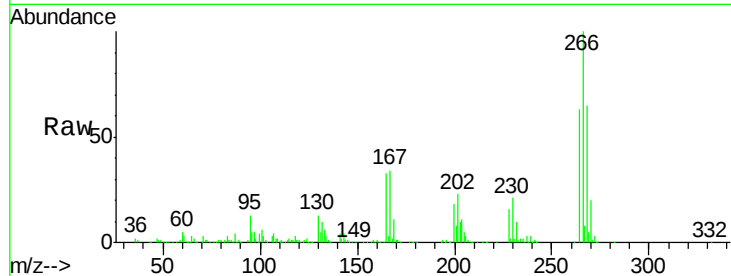




#69
 Pentachlorophenol
 Concen: 74.715 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

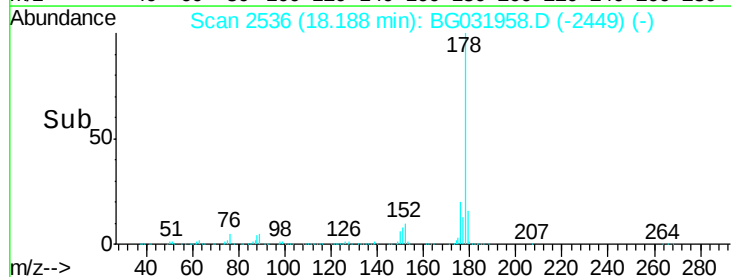
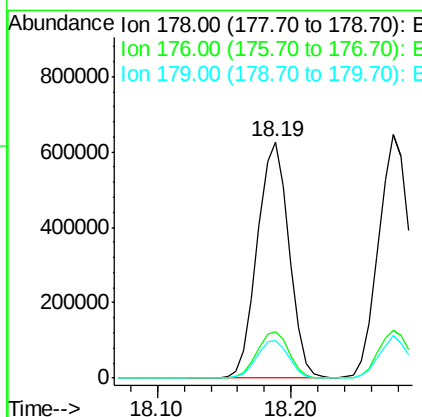
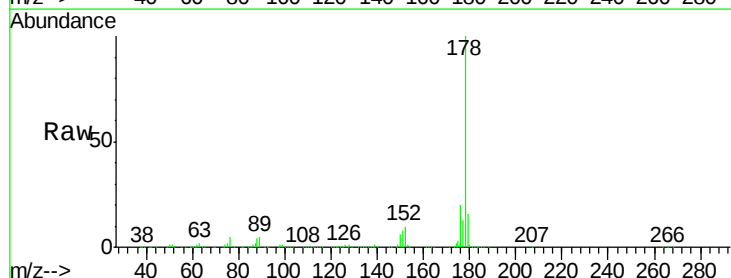
Instrument :
 BNA_G
 ClientSampleId :

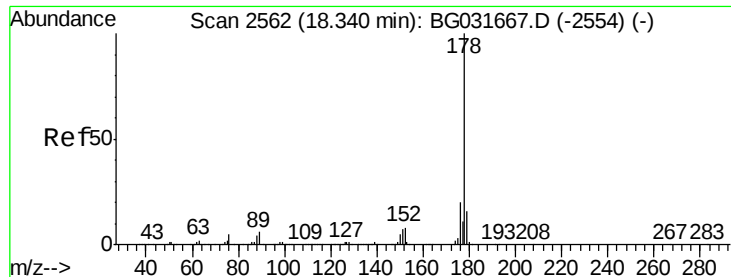
Tot Ion:266 Resp: 351941
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.0 49.6 74.4



#70
 Phenanthrene
 Concen: 39.205 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. -0.02 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion:178 Resp: 1027878
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.7 23.5
 179 15.9 12.5 18.7

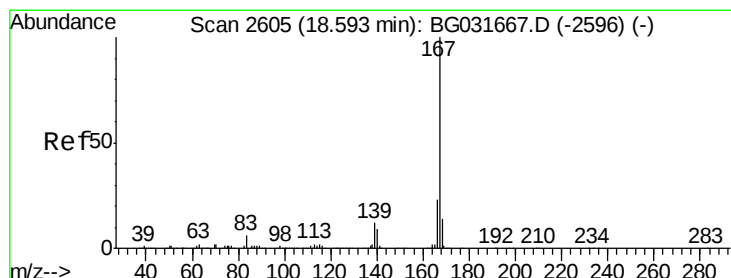
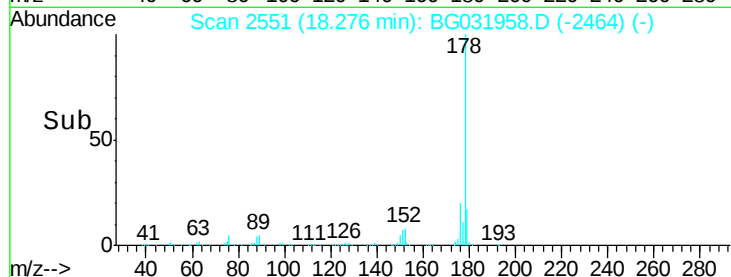
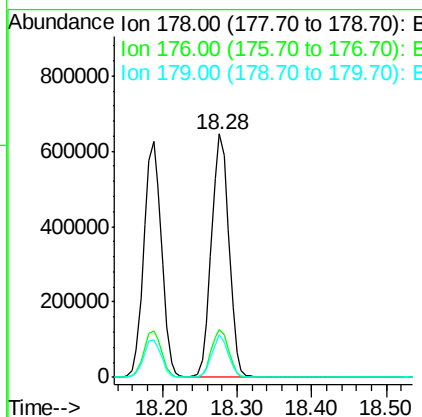
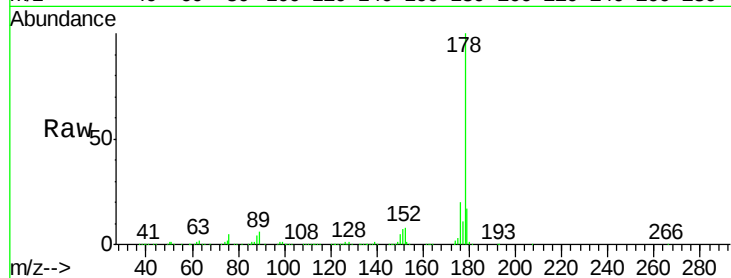




#71
 Anthracene
 Concen: 39.470 ng
 RT: 18.28 min Scan# 2551
 Delta R.T. -0.02 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

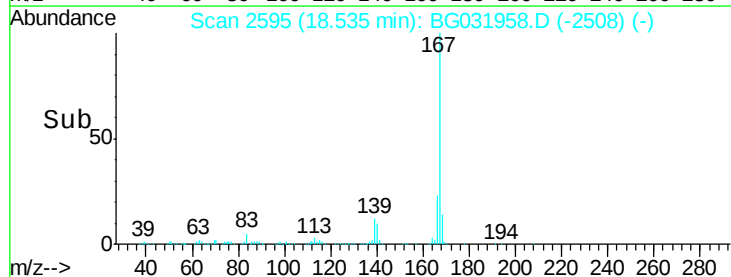
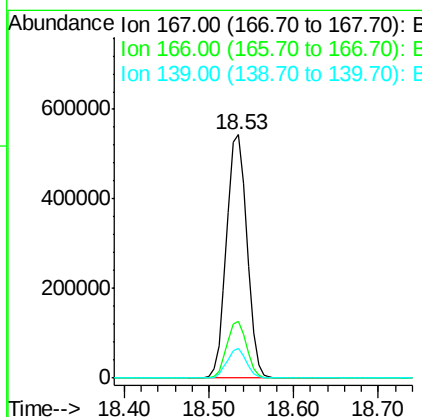
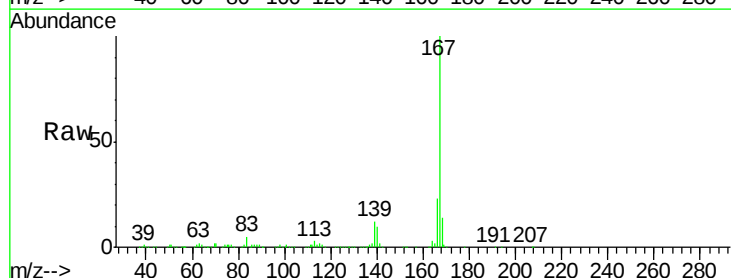
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1043860
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 17.3 12.5 18.7



#72
 Carbazole
 Concen: 38.797 ng
 RT: 18.53 min Scan# 2595
 Delta R.T. -0.02 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion:167 Resp: 908172
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.1 9.4 14.2

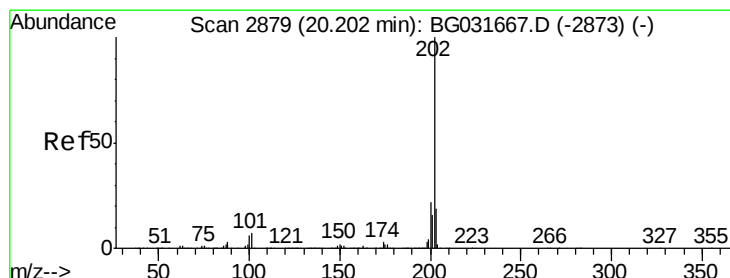
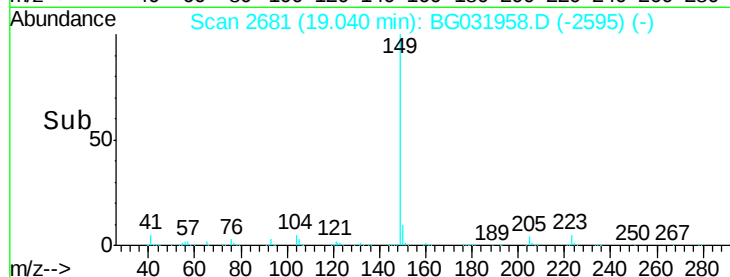
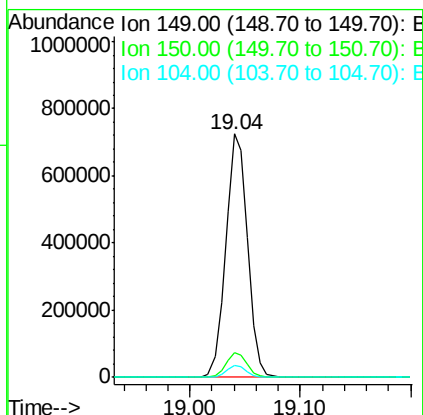
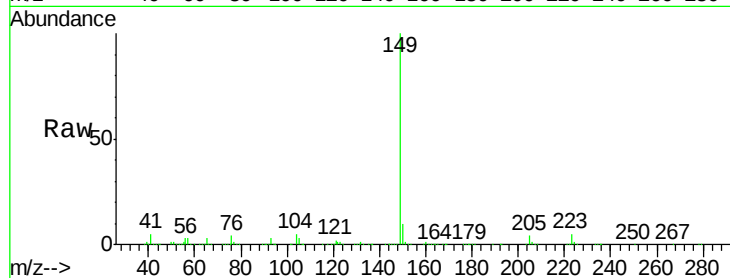




#73
Di-n-butylphthalate
Concen: 38.305 ng
RT: 19.04 min Scan# 2681
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

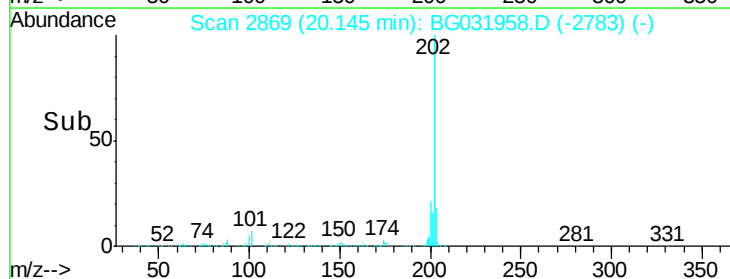
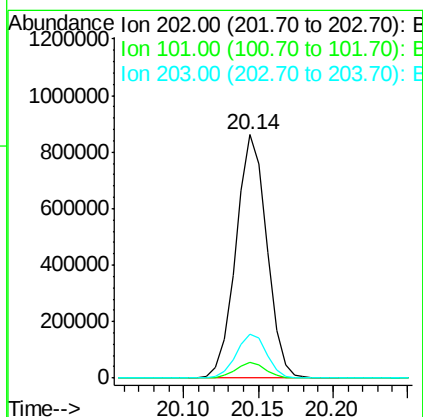
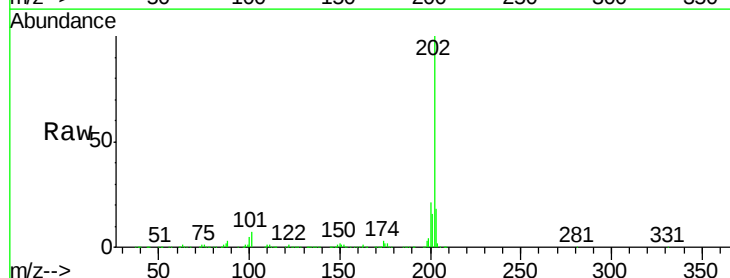
Instrument :
BNA_G
ClientSampleId :

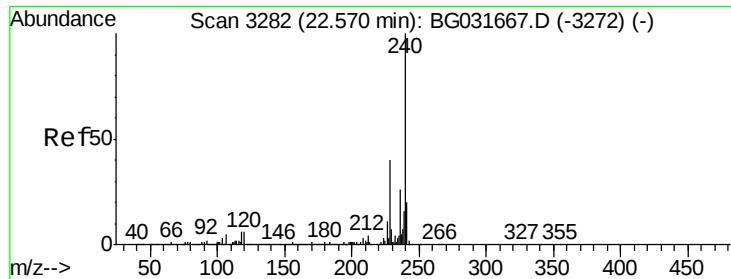
Tot Ion:149 Resp: 996456
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 4.7 3.9 5.9



#74
Fluoranthene
Concen: 38.371 ng
RT: 20.14 min Scan# 2869
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:202 Resp: 1234362
Ion Ratio Lower Upper
202 100
101 6.5 0.0 28.9
203 18.2 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. -0.04 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

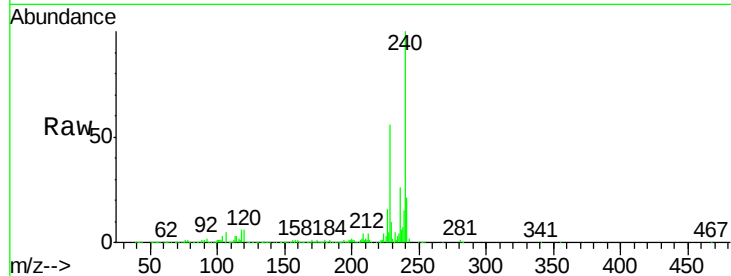
Tot Ion:240 Resp: 499432

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

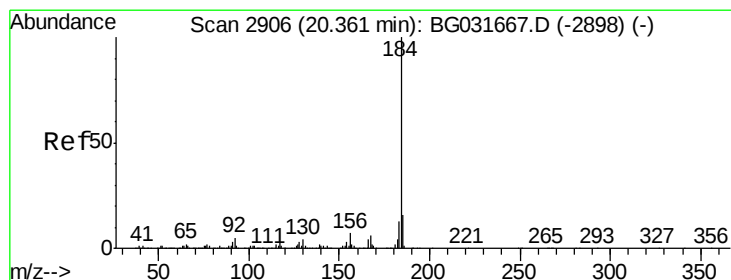
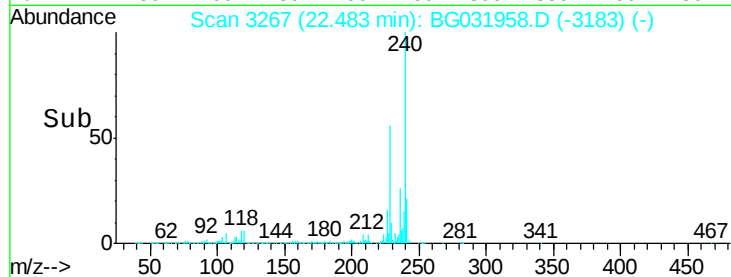
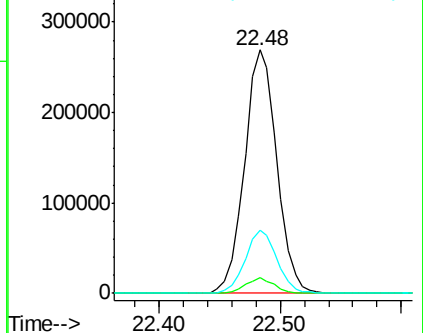
236 25.8 20.9 31.3



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: 4.781 ng

RT: 20.30 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

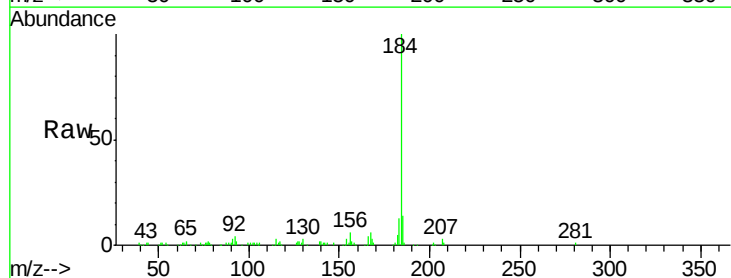
Tgt Ion:184 Resp: 73699

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

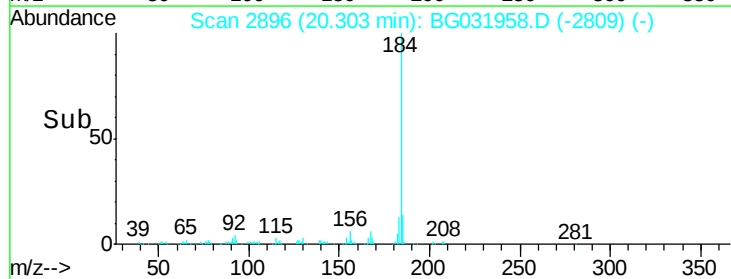
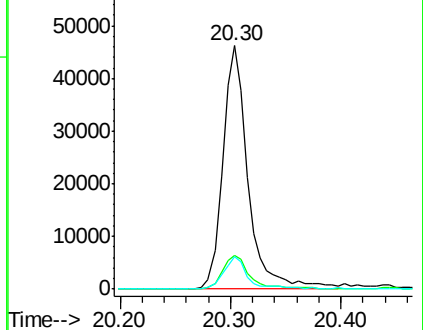
183 13.3 10.6 16.0

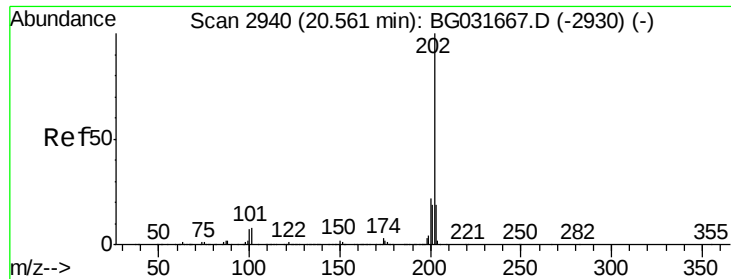


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

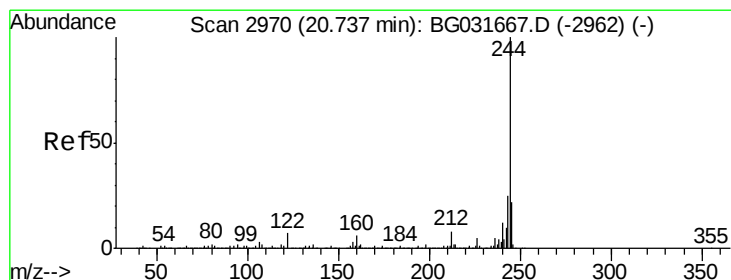
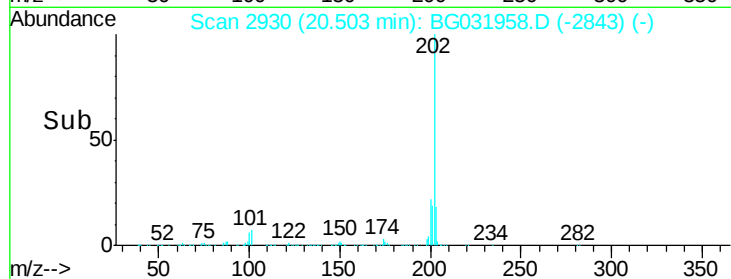
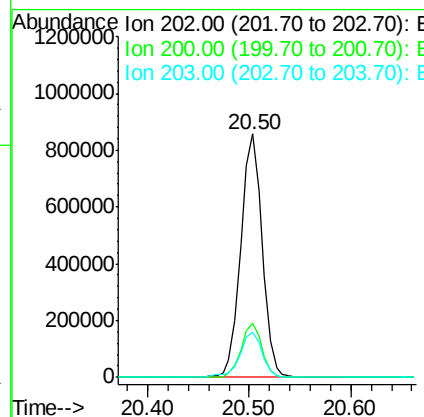
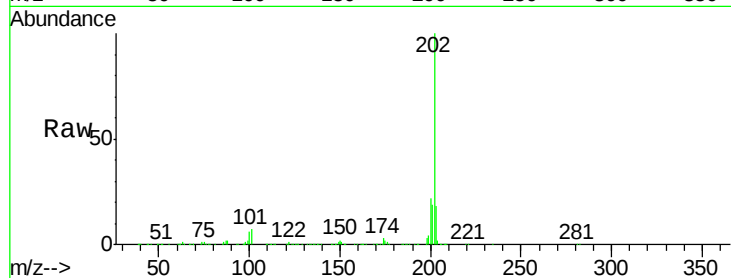




#77
Pvrene
Concen: 39.314 ng
RT: 20.50 min Scan# 2930
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

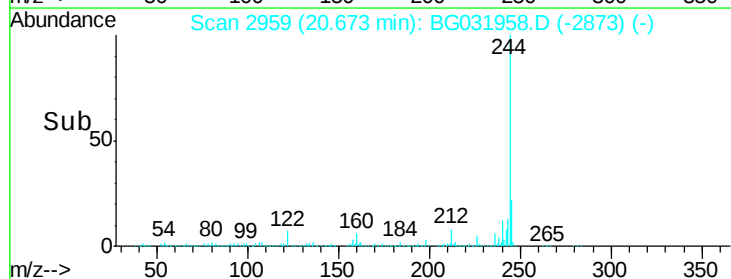
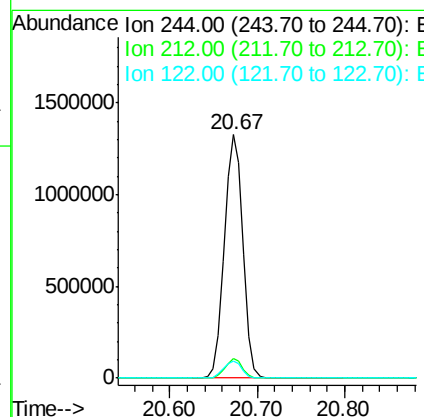
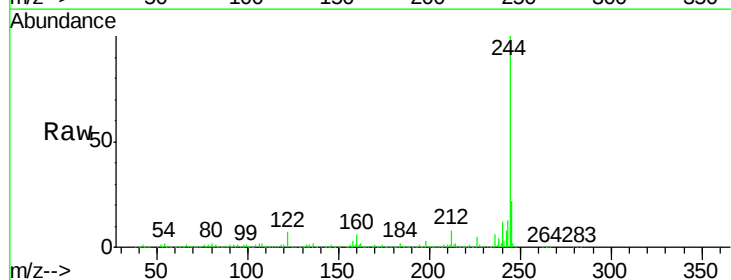
Instrument :
BNA_G
ClientSampled :

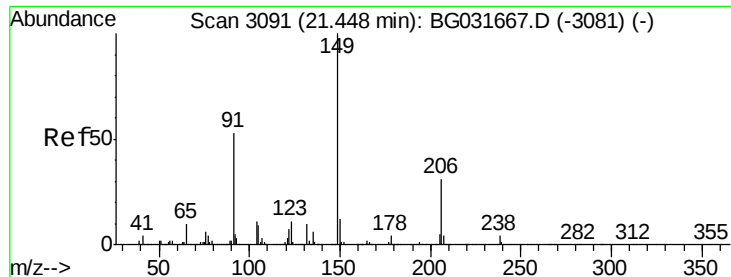
Tot Ion:202 Resp: 1254204
Ion Ratio Lower Upper
202 100
200 22.0 16.9 25.3
203 18.5 13.9 20.9



#78
Terphenyl-d14
Concen: 88.920 ng
RT: 20.67 min Scan# 2959
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:244 Resp: 1943813
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 7.2 7.0 10.4

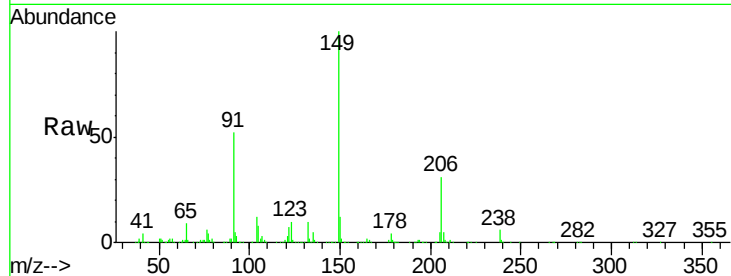




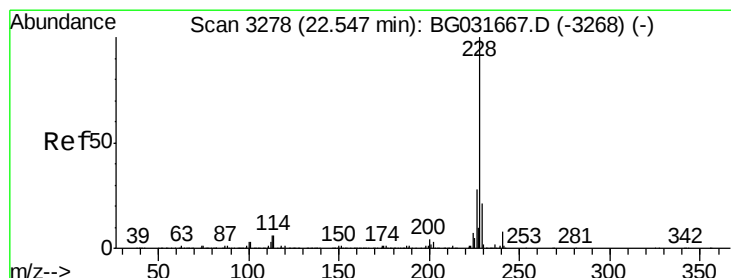
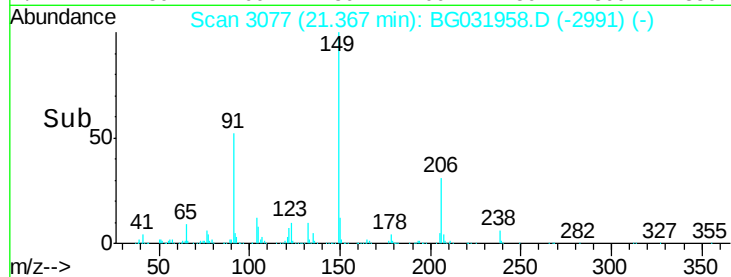
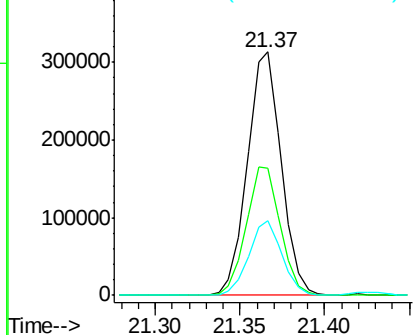
#79
Butylbenzylphthalate
Concen: 40.731 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 436209
Ion Ratio Lower Upper
149 100
91 52.3 62.2 93.2#
206 30.7 18.6 27.8#

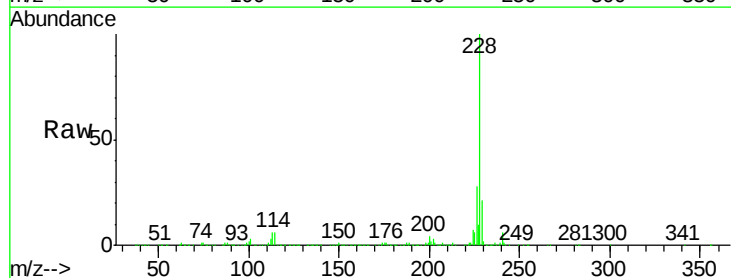


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

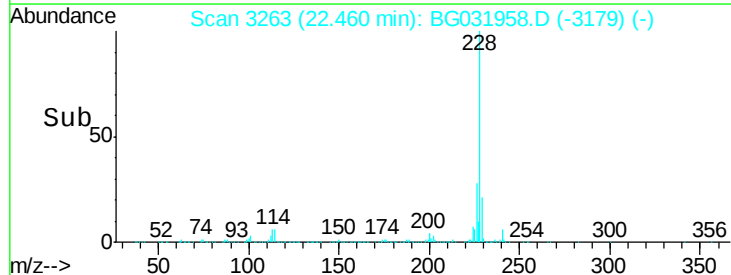
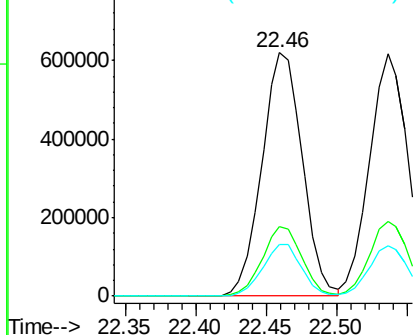


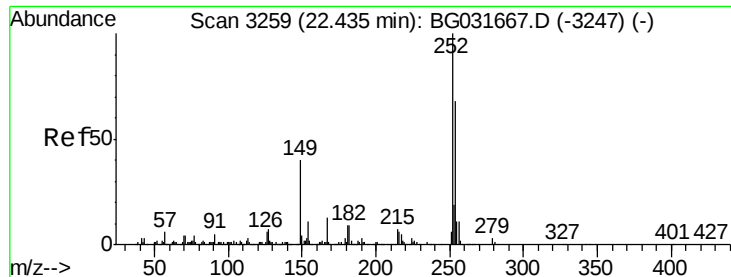
#80
Benzo(a)anthracene
Concen: 39.248 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.04 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:228 Resp: 1246874
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 21.2 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

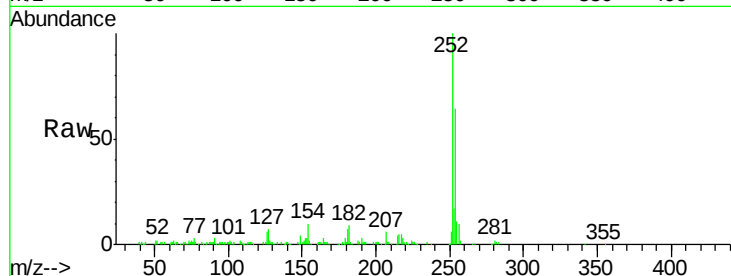




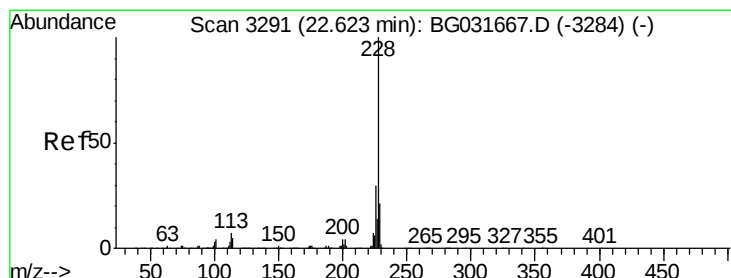
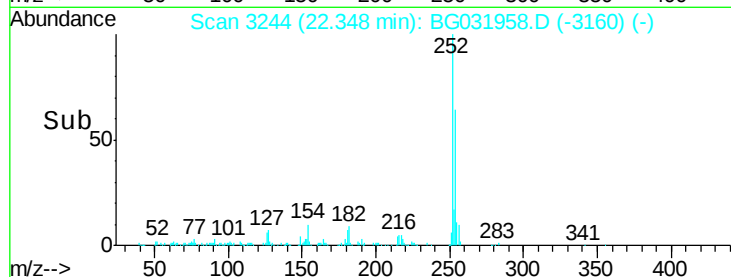
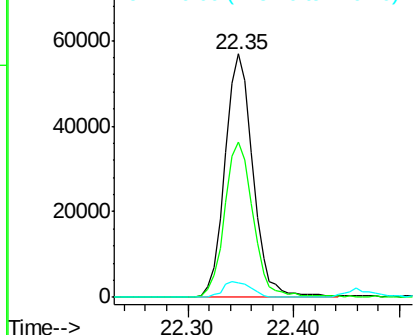
#81
 3,3'-Dichlorobenzidine
 Concen: 8.464 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.04 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 104257
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.8 76.2
 126 5.7 7.4 11.2#

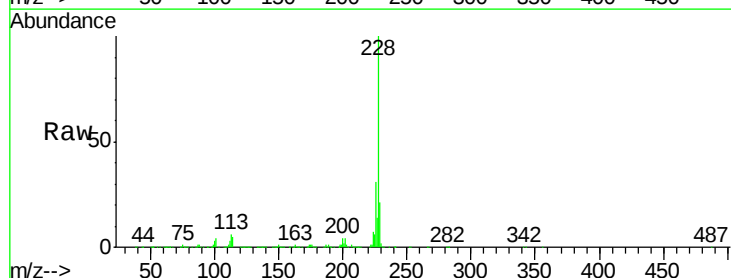


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

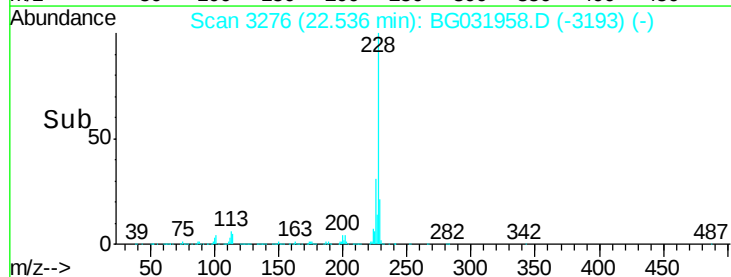
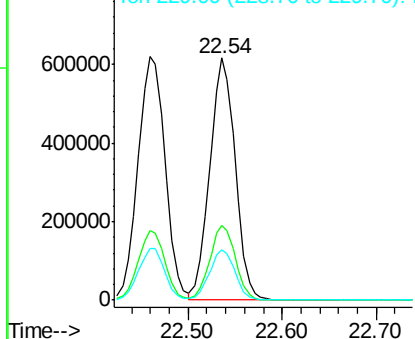


#82
 Chrysene
 Concen: 38.833 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.04 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion:228 Resp: 1167293
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.9 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

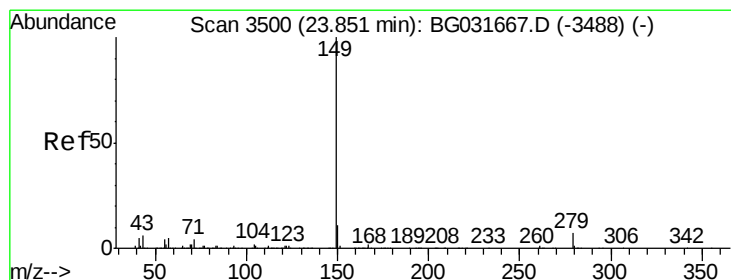
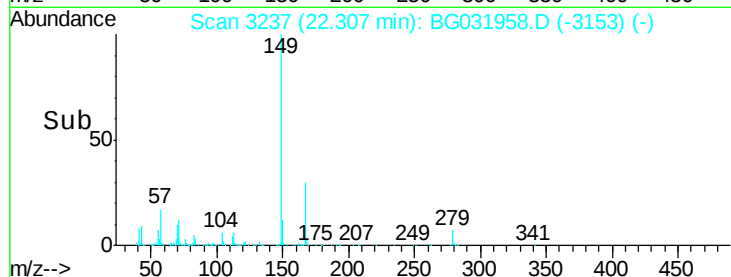
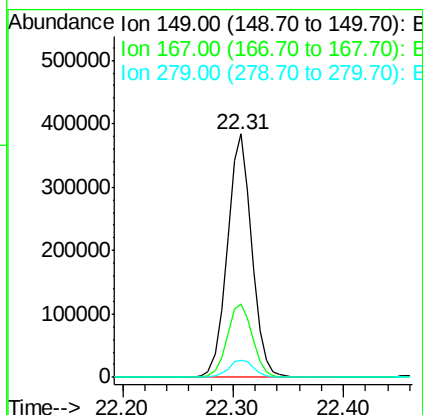
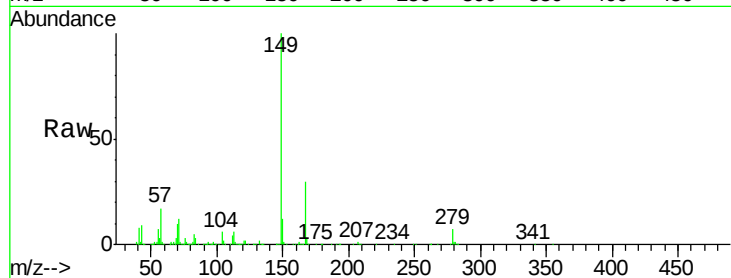




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.218 ng
 RT: 22.31 min Scan# 3237
 Delta R.T. -0.04 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

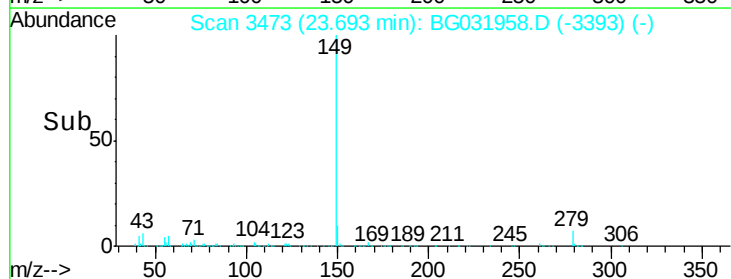
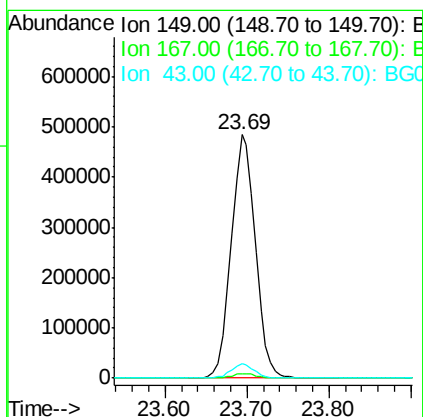
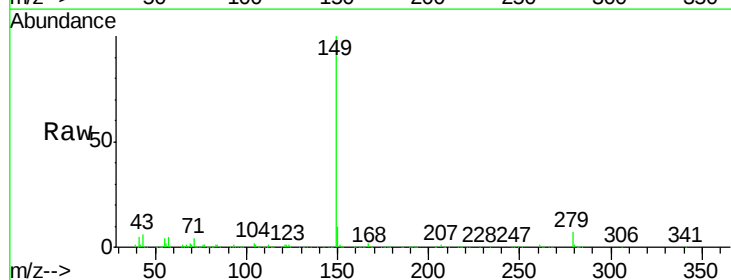
Instrument :
 BNA_G
 ClientSampled :

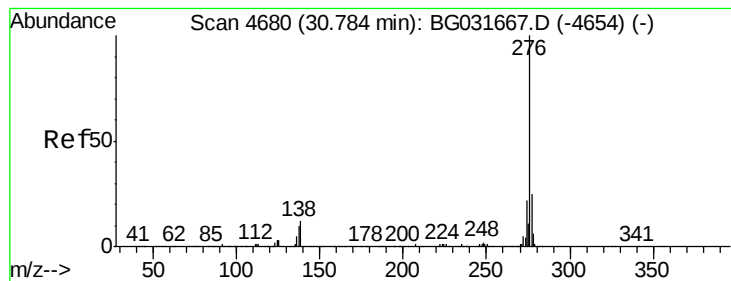
Tot Ion:149 Resp: 592979
 Ion Ratio Lower Upper
 149 100
 167 30.4 24.3 36.5
 279 6.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 37.961 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. -0.06 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Tgt Ion:149 Resp: 991937
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.7 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.889 ng

RT: 30.53 min Scan# 4637

Delta R.T. -0.15 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampled :

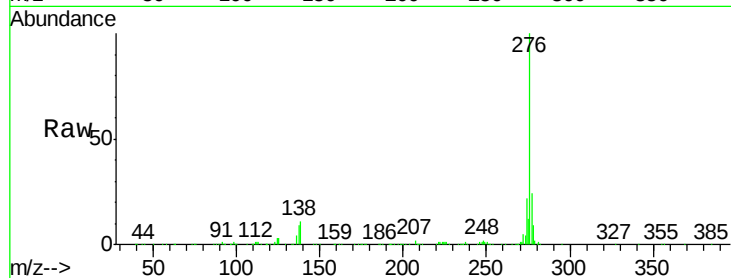
Tot Ion:276 Resp: 1499681

Ion Ratio Lower Upper

276 100

138 10.4 16.0 24.0#

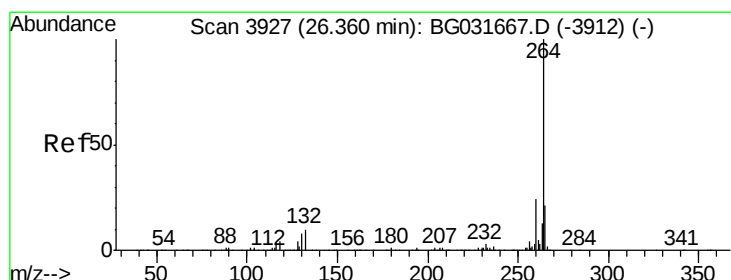
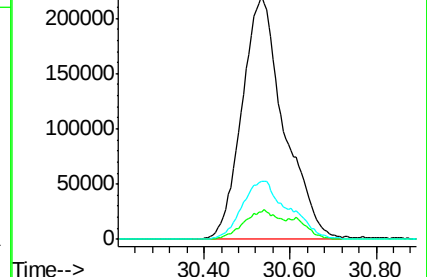
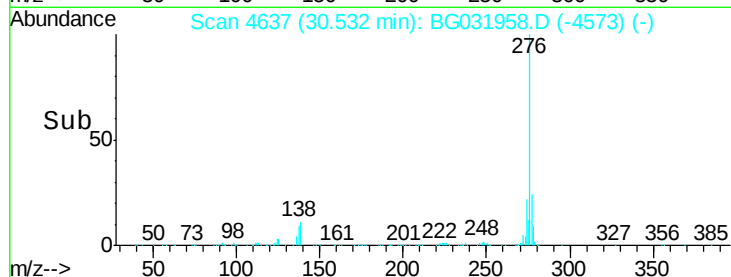
277 26.8 20.0 30.0



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: 26.20 min Scan# 3900

Delta R.T. -0.10 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

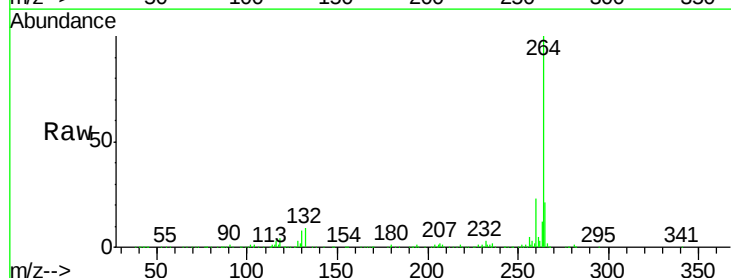
Tgt Ion:264 Resp: 522242

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

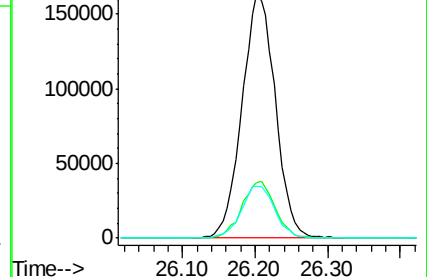
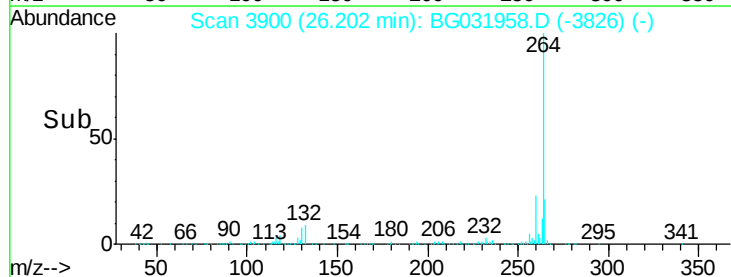
265 21.4 17.7 26.5

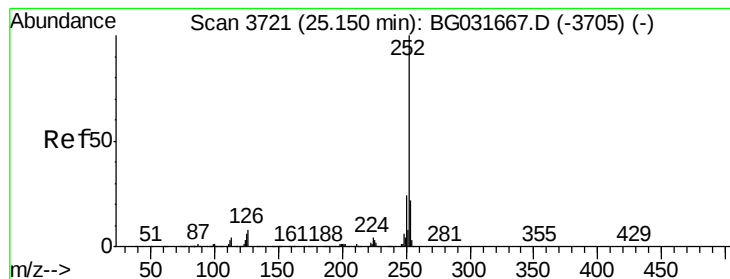


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.708 ng

RT: 25.02 min Scan# 3698

Delta R.T. -0.07 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

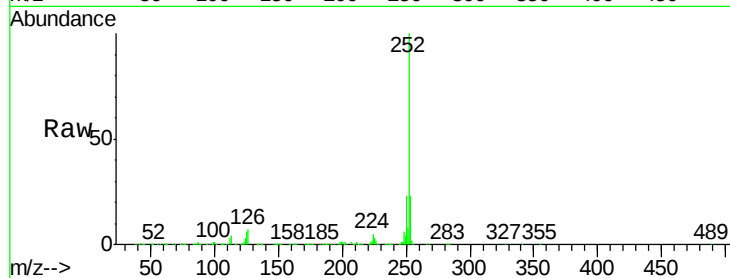
Tot Ion:252 Resp: 1287238

Ion Ratio Lower Upper

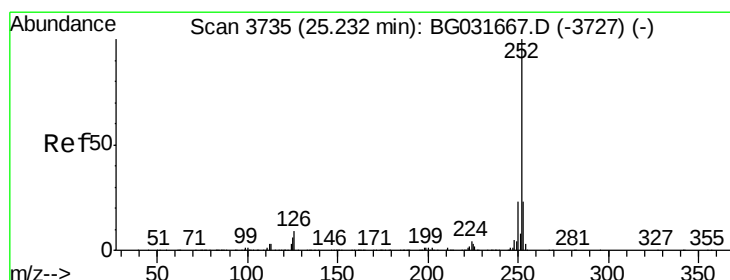
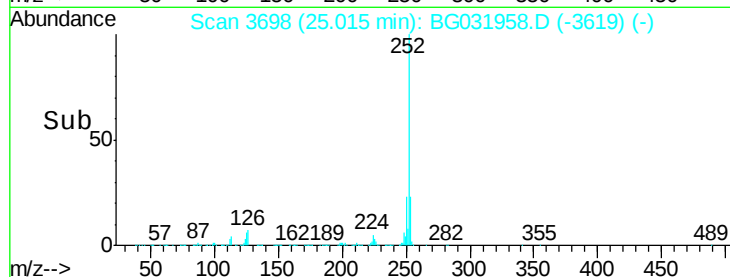
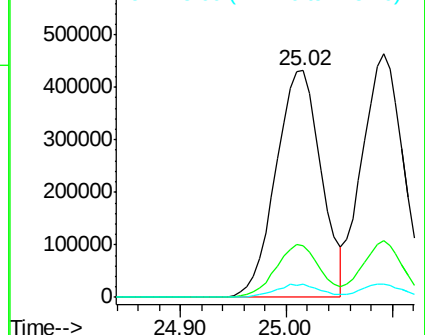
252 100

253 22.6 18.2 27.4

125 5.7 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 38.855 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.07 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

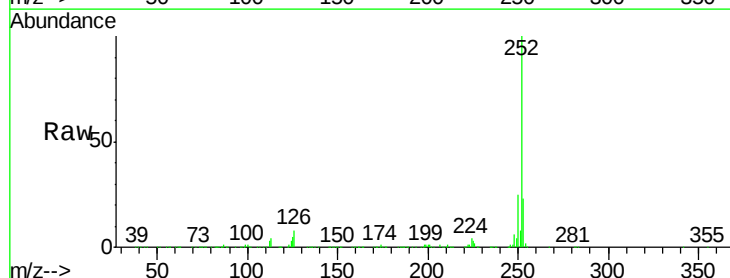
Tgt Ion:252 Resp: 1260546

Ion Ratio Lower Upper

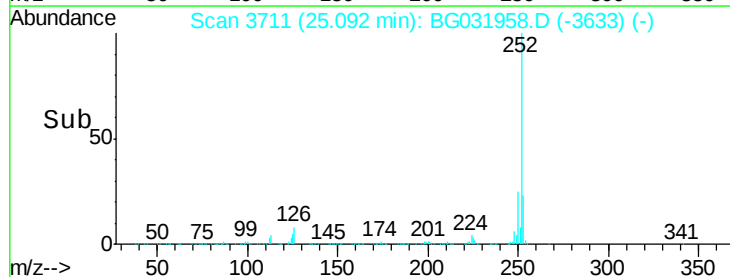
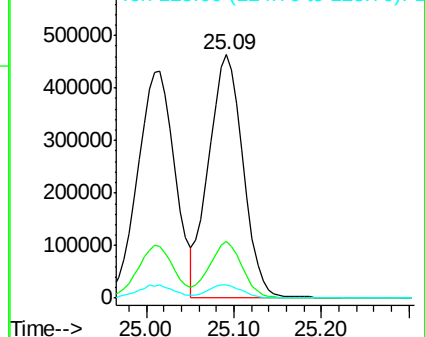
252 100

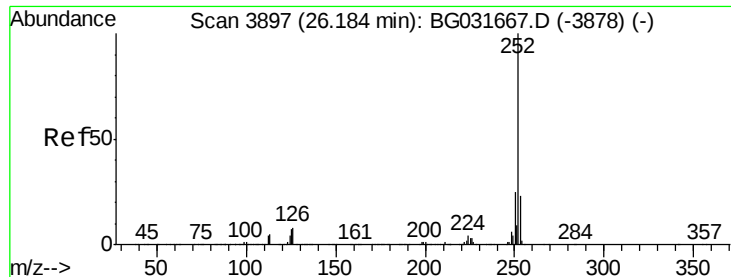
253 23.1 17.4 26.2

125 5.2 6.6 9.8#



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

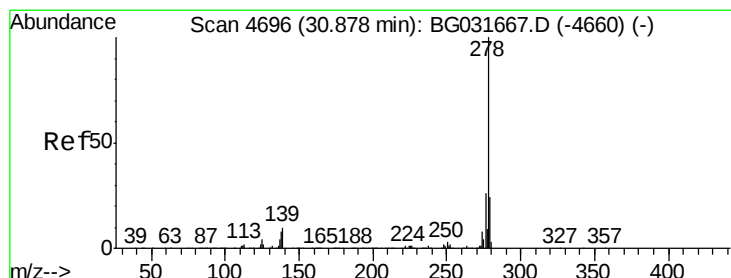
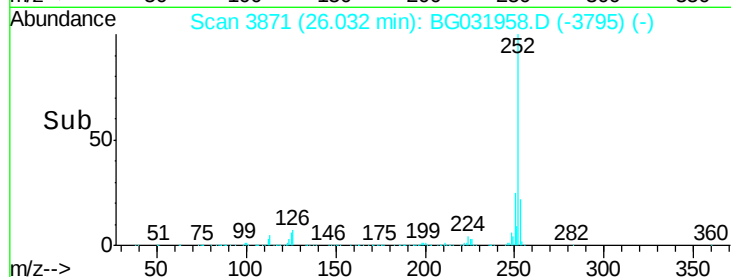
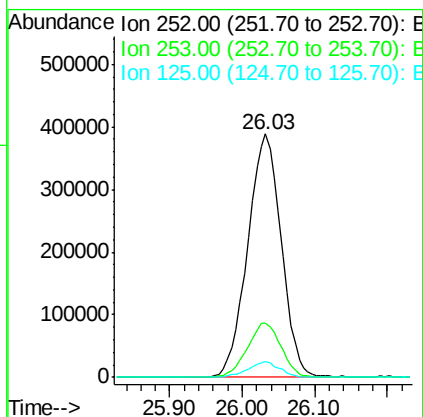
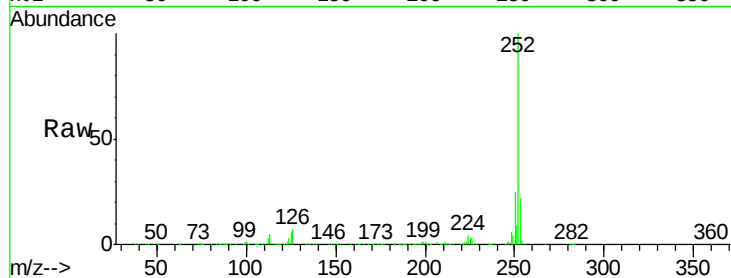




#89
Benzo(a)pyrene
Concen: 40.224 ng
RT: 26.03 min Scan# 3871
Delta R.T. -0.08 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

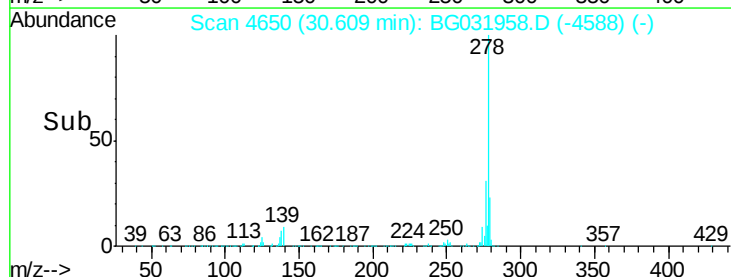
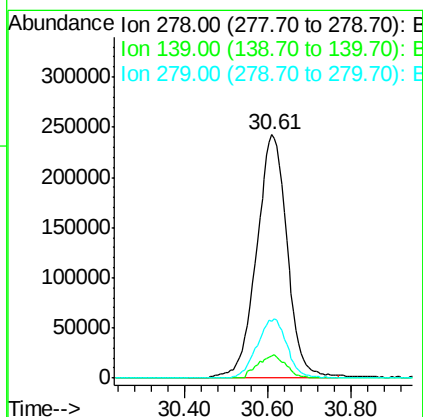
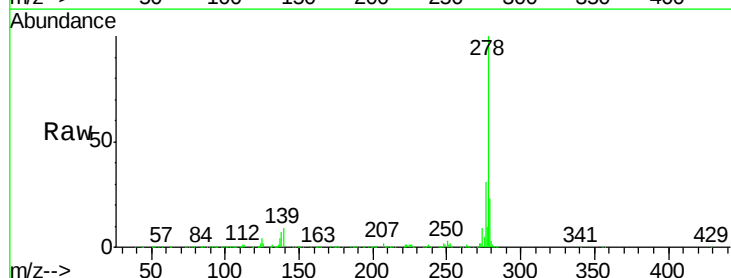
Instrument :
BNA_G
ClientSampled :

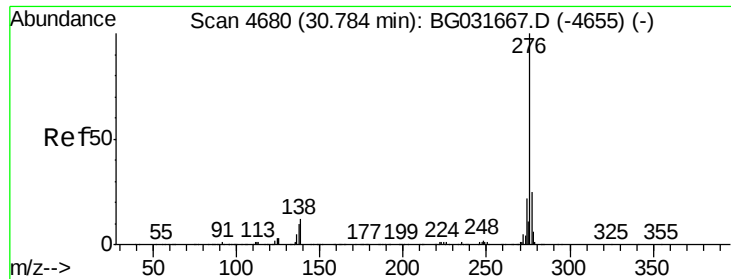
Tot Ion:252 Resp: 1248848
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 6.5 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 38.618 ng
RT: 30.61 min Scan# 4650
Delta R.T. -0.17 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Tgt Ion:278 Resp: 1238279
Ion Ratio Lower Upper
278 100
139 9.2 9.8 14.6#
279 23.4 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.613 ng
 RT: 30.53 min Scan# 4637
 Delta R.T. -0.15 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1499681
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.3 27.5
 138 11.1 13.9 20.9#

