

Data Path : \\74.0.250.170\SV0ASRV\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 :
 OR-03-010818MSD

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

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

						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

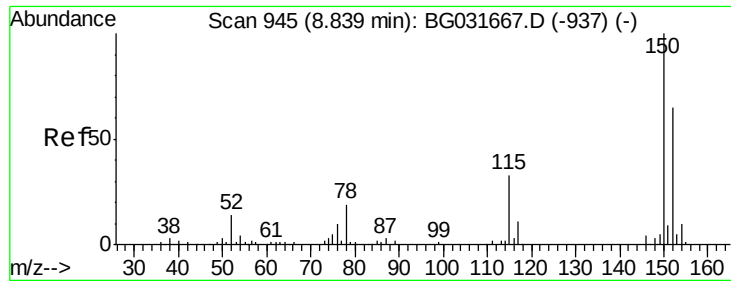
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG010918\
 Data File : BG031958.D
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Quant Time: Jan 10 00:27:25 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 15:31:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	207453	43.066	ng	97
43) 2,4,5-Trichlorophenol	13.93	196	222159	41.616	ng	# 91
45) 1,1'-Biphenyl	14.25	154	678869	40.071	ng	95
46) 2-Chloronaphthalene	14.30	162	510401	39.498	ng	96
47) 2-Nitroaniline	14.49	65	108627	48.673	ng	# 59
48) Acenaphthylene	15.14	152	772574	37.371	ng	98
49) Dimethylphthalate	14.84	163	652722	37.353	ng	99
50) 2,6-Dinitrotoluene	14.97	165	150750	46.895	ng	# 66
51) Acenaphthene	15.48	154	543704	40.157	ng	96
52) 3-Nitroaniline	15.30	138	37077	11.822	ng	# 72
53) 2,4-Dinitrophenol	15.50	184	117311	85.339	ng	# 85
54) Dibenzofuran	15.81	168	788012	37.968	ng	98
55) 4-Nitrophenol	15.58	139	188634	73.898	ng	# 76
56) 2,4-Dinitrotoluene	15.75	165	206921	50.059	ng	# 62
57) Fluorene	16.45	166	631637	37.463	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.01	232	223371	42.887	ng	# 85
59) Diethylphthalate	16.18	149	626244	36.769	ng	96
60) 4-Chlorophenyl-phenylether	16.43	204	384159	37.238	ng	94
61) 4-Nitroaniline	16.45	138	97501	31.858	ng	82
62) Azobenzene	16.72	77	411637	37.687	ng	83
64) 4,6-Dinitro-2-methylphenol	16.50	198	97799	44.191	ng	# 68
65) n-Nitrosodiphenylamine	16.64	169	585510	38.054	ng	99
66) 4-Bromophenyl-phenylether	17.32	248	276250	41.236	ng	94
67) Hexachlorobenzene	17.45	284	278657	40.690	ng	# 89
68) Atrazine	17.56	200	249386	41.684	ng	99
69) Pentachlorophenol	17.78	266	351941	74.715	ng	99
70) Phenanthrene	18.19	178	1027878	39.205	ng	99
71) Anthracene	18.28	178	1043860	39.470	ng	98
72) Carbazole	18.53	167	908172	38.797	ng	99
73) Di-n-butylphthalate	19.04	149	996456	38.305	ng	99
74) Fluoranthene	20.14	202	1234362	38.371	ng	97
76) Benzidine	20.30	184	73699	4.781	ng	100
77) Pyrene	20.50	202	1254204	39.314	ng	98
79) Butylbenzylphthalate	21.37	149	436209	40.731	ng	# 74
80) Benzo(a)anthracene	22.46	228	1246874	39.248	ng	99
81) 3,3'-Dichlorobenzidine	22.35	252	104257	8.464	ng	# 98
82) Chrysene	22.54	228	1167293	38.833	ng	98
83) Bis(2-ethylhexyl)phthalate	22.31	149	592979	38.218	ng	# 99
84) Di-n-octyl phthalate	23.69	149	991937	37.961	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.53	276	1499681	38.889	ng	# 89
87) Benzo(b)fluoranthene	25.02	252	1287238	39.708	ng	# 97
88) Benzo(k)fluoranthene	25.09	252	1260546	38.855	ng	# 96
89) Benzo(a)pyrene	26.03	252	1248848	40.224	ng	# 97
90) Dibenzo(a,h)anthracene	30.61	278	1238279	38.618	ng	# 97
91) Benzo(g,h,i)perylene	30.53	276	1499681	39.613	ng	# 93

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



#1

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 :

OR-03-010818MSD

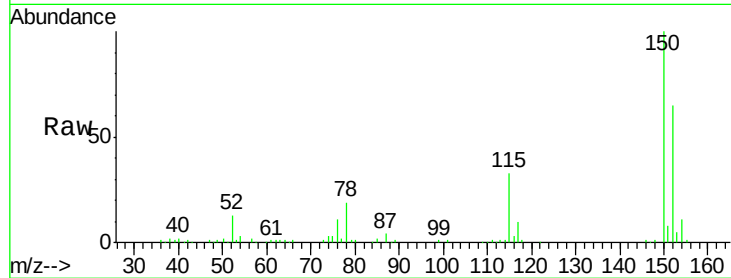
Tgt Ion:152 Resp: 69590

Ion Ratio Lower Upper

152 100

150 153.7 126.6 189.8

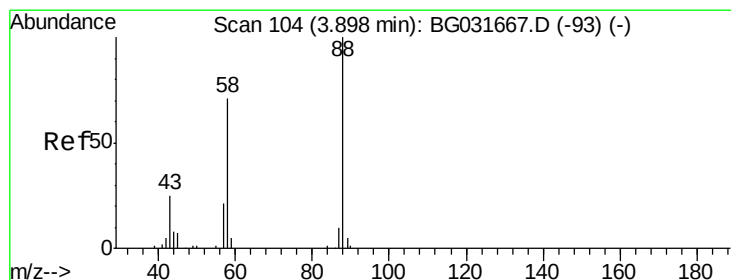
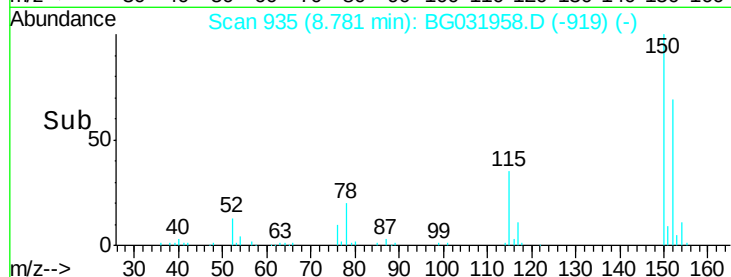
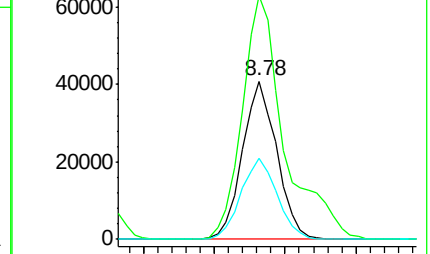
115 51.2 53.0 79.4#



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

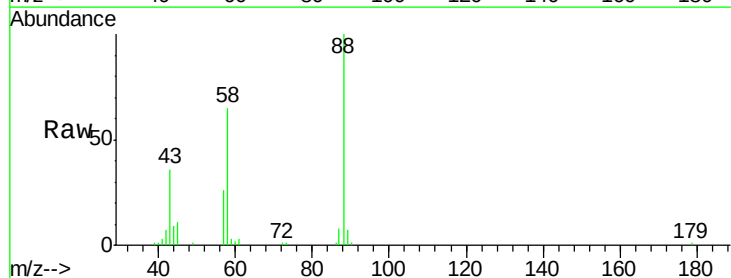
Tgt Ion: 88 Resp: 44692

Ion Ratio Lower Upper

88 100

58 68.8 79.6 119.4#

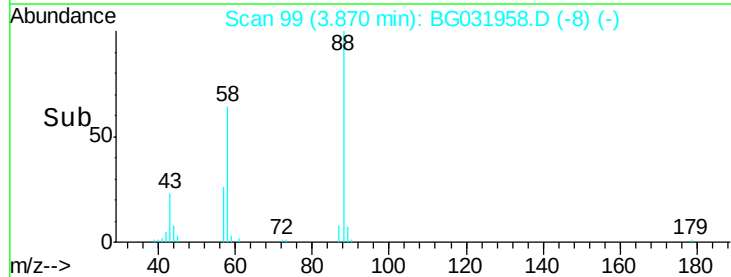
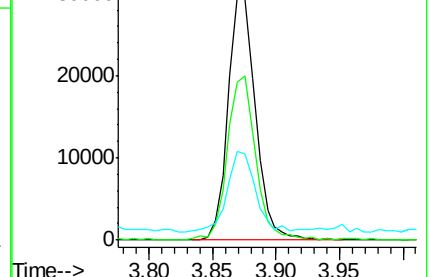
43 35.0 27.4 41.0

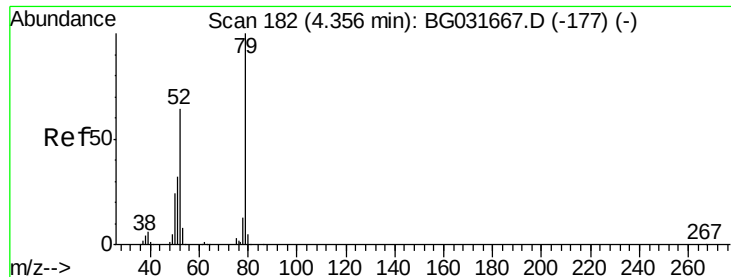


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

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 :

OR-03-010818MSD

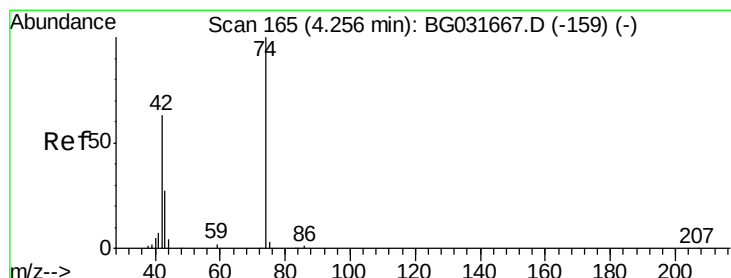
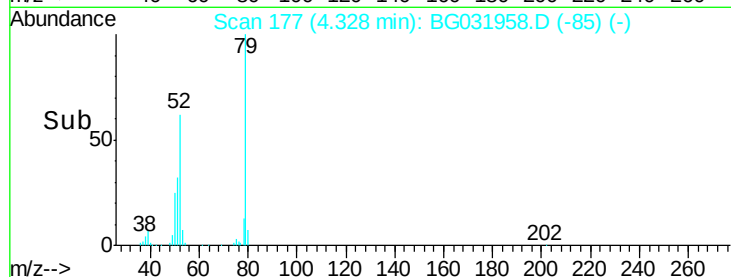
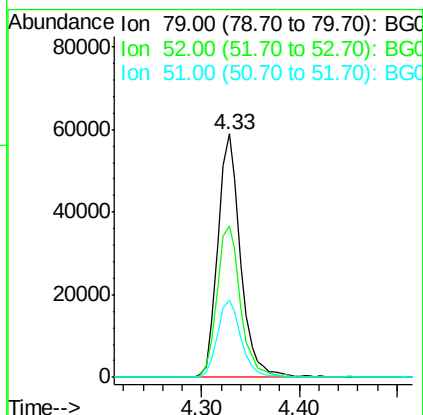
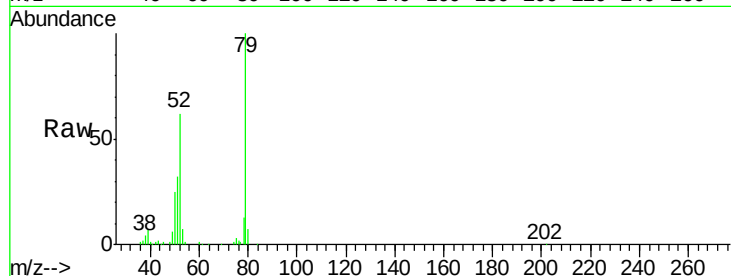
Tgt Ion: 79 Resp: 95025

Ion Ratio Lower Upper

79 100

52 62.1 69.9 104.9#

51 31.6 34.0 51.0#



#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

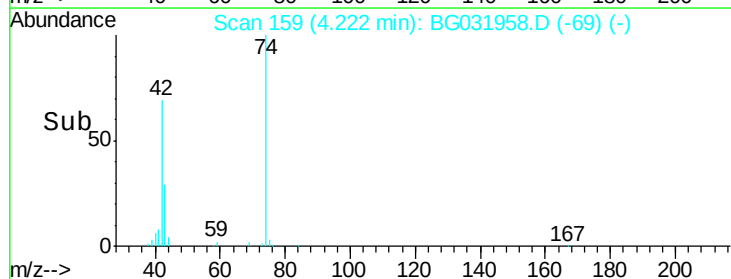
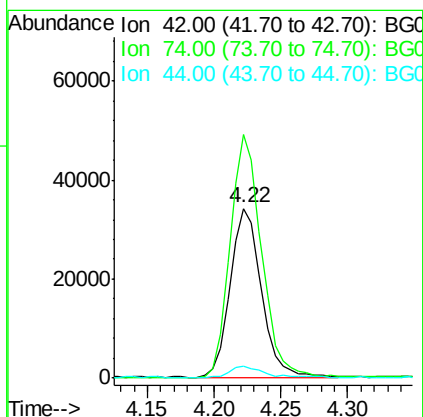
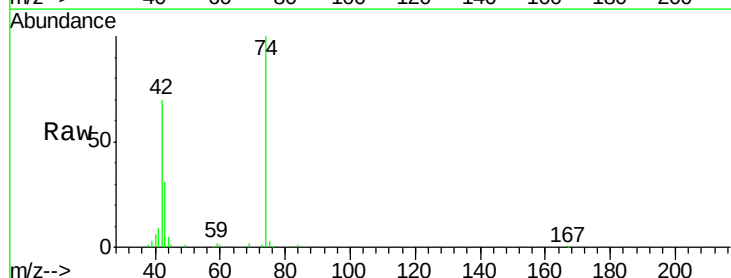
Tgt Ion: 42 Resp: 55680

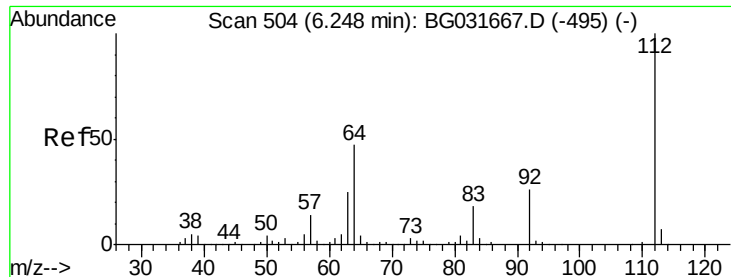
Ion Ratio Lower Upper

42 100

74 143.6 102.5 153.7

44 6.9 18.9 28.3#





#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 :

OR-03-010818MSD

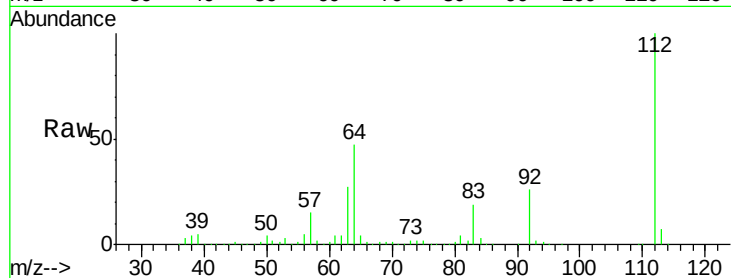
Tgt Ion: 112 Resp: 461719

Ion Ratio Lower Upper

112 100

64 47.3 56.3 84.5#

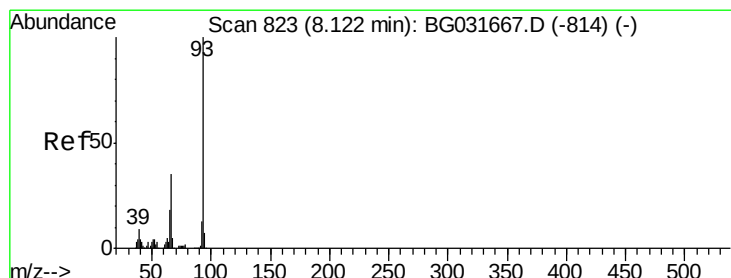
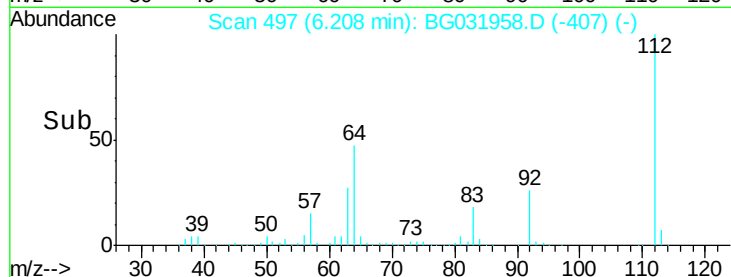
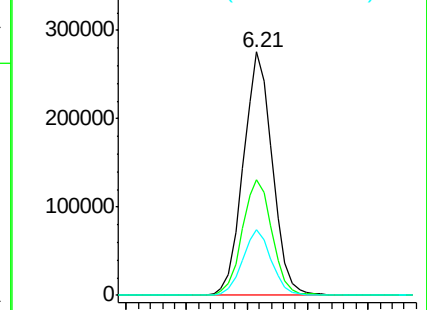
63 26.7 30.1 45.1#



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

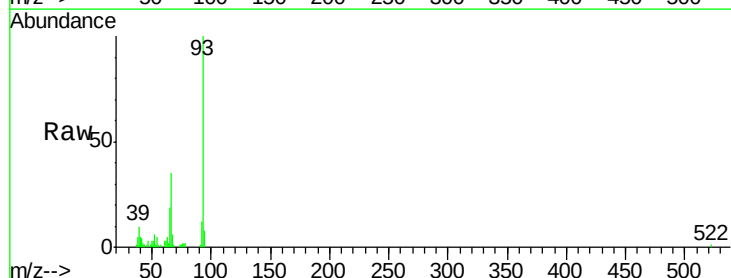
Tgt Ion: 93 Resp: 49279

Ion Ratio Lower Upper

93 100

66 35.3 33.7 50.5

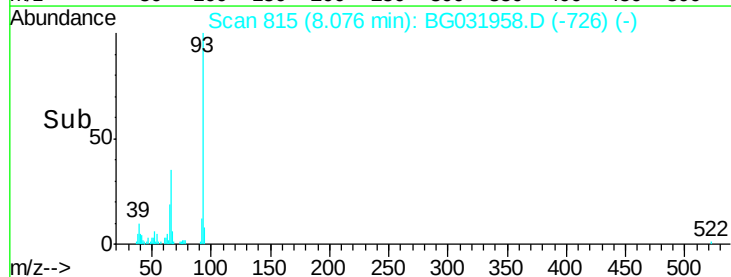
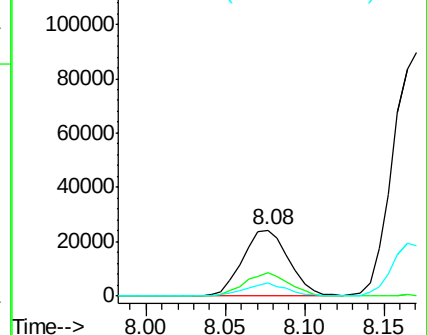
65 19.3 16.1 24.1

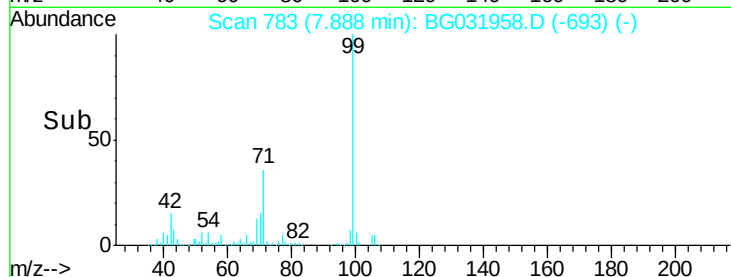
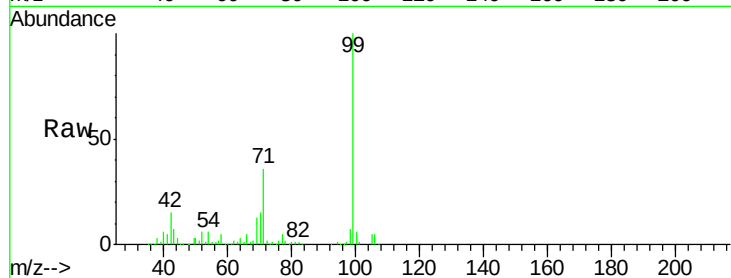
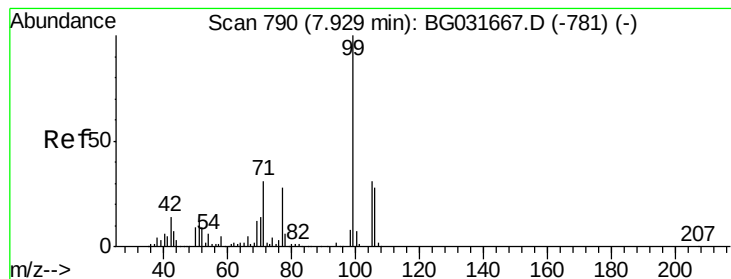


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

Instrument :

BNA_G

ClientSampleId :

OR-03-010818MSD

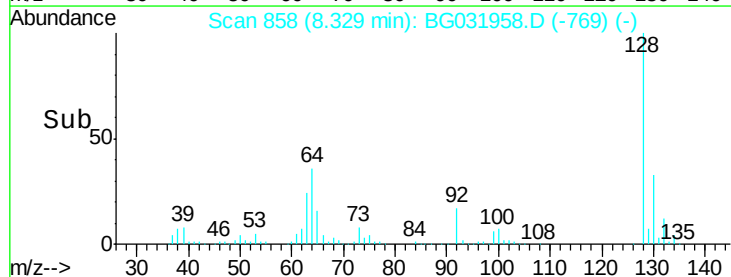
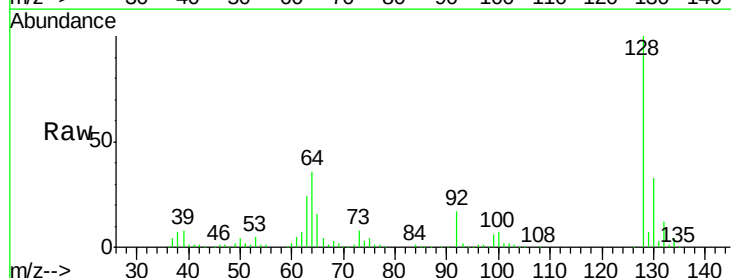
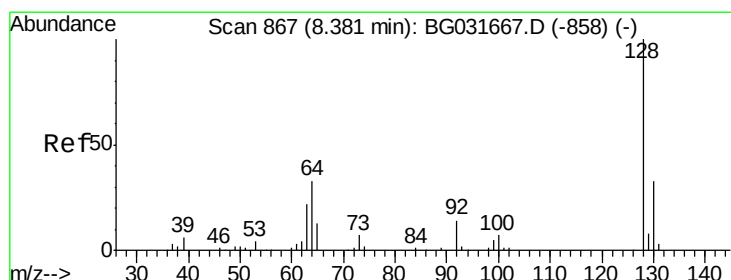
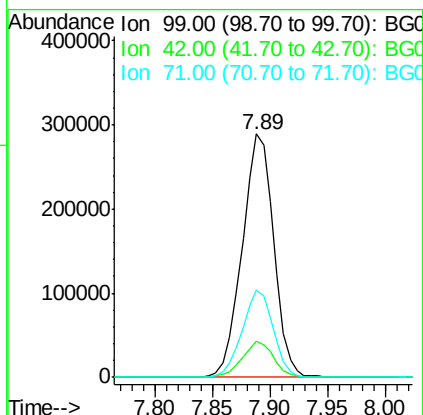
Tgt Ion: 99 Resp: 549597

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

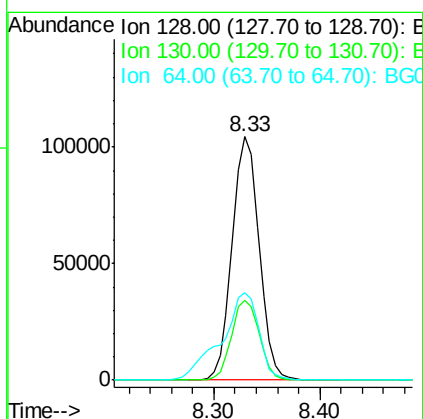
Tgt Ion: 128 Resp: 184094

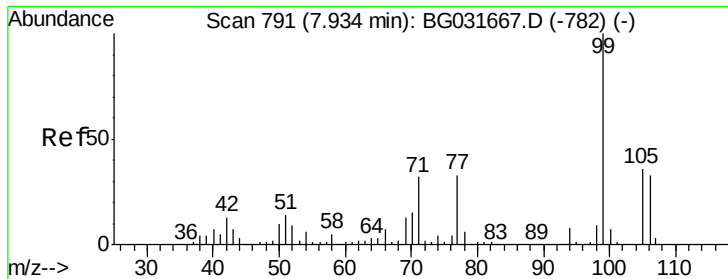
Ion Ratio Lower Upper

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

ClientSampleId :

OR-03-010818MSD

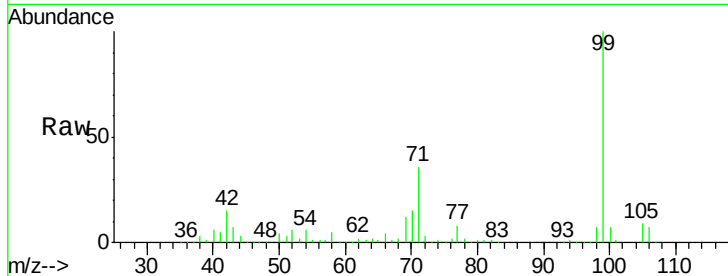
Tgt Ion: 77 Resp: 34951

Ion Ratio Lower Upper

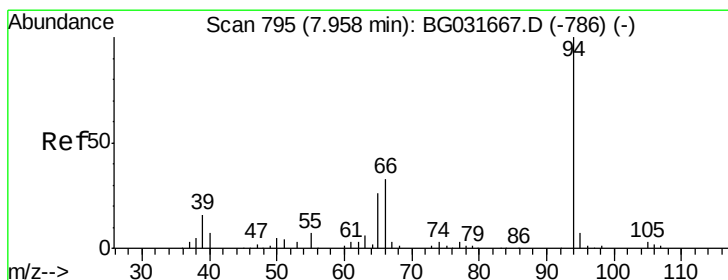
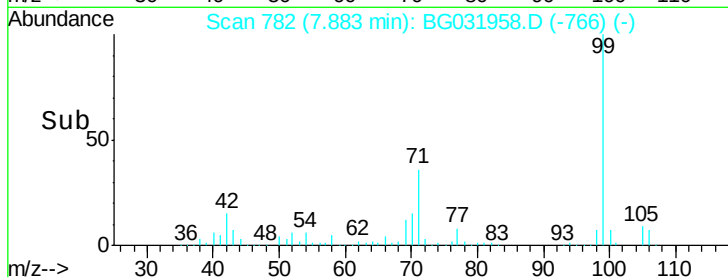
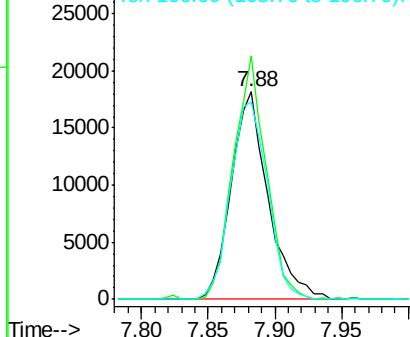
77 100

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

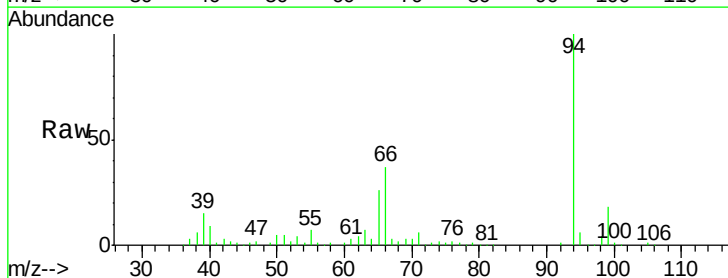
Tgt Ion: 94 Resp: 182227

Ion Ratio Lower Upper

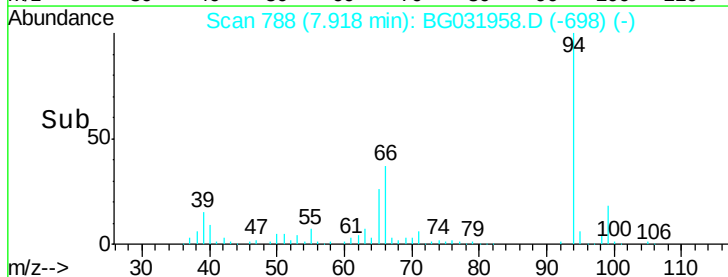
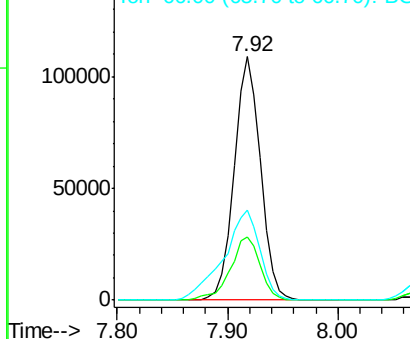
94 100

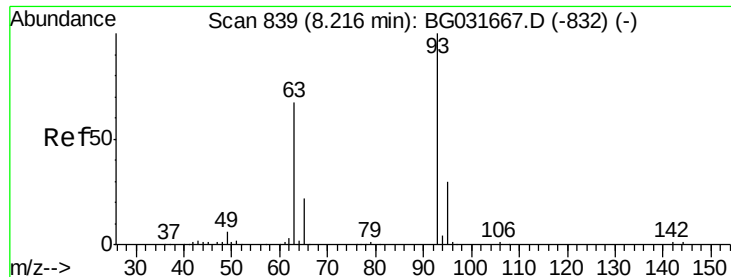
65 25.9 11.9 51.9

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

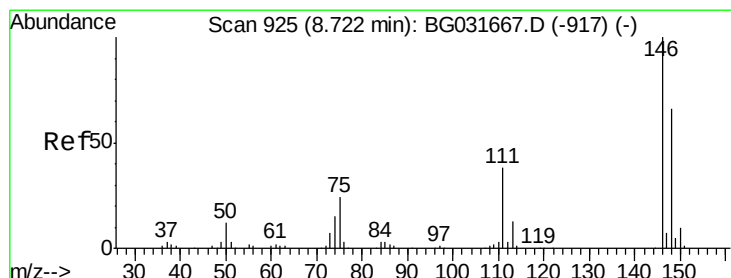
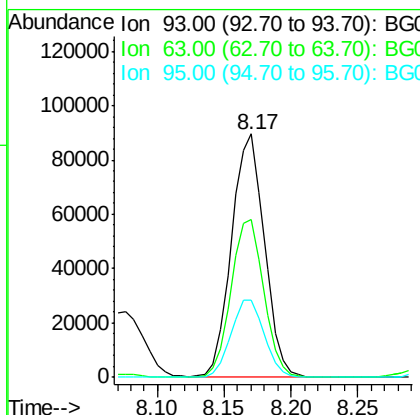
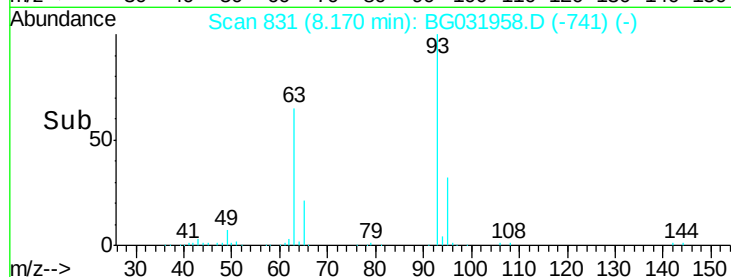
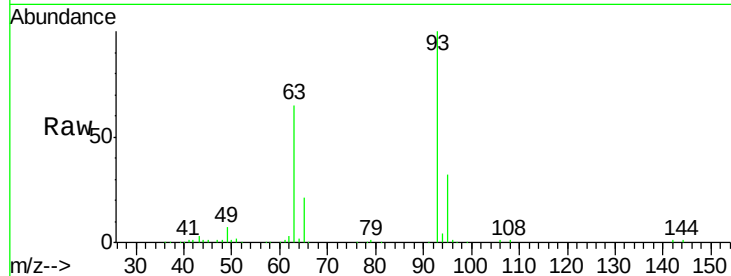




#11
bis(2-Chloroethyl)ether
Concen: 37.011 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

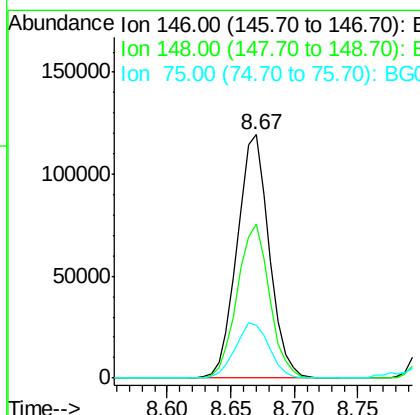
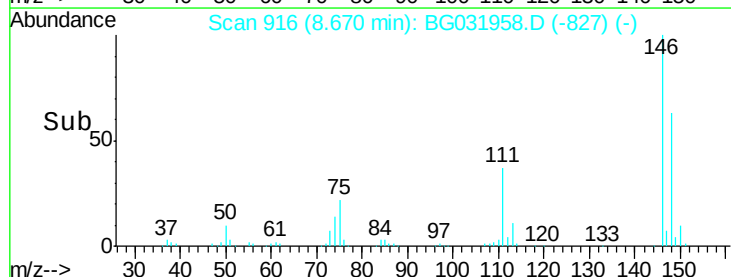
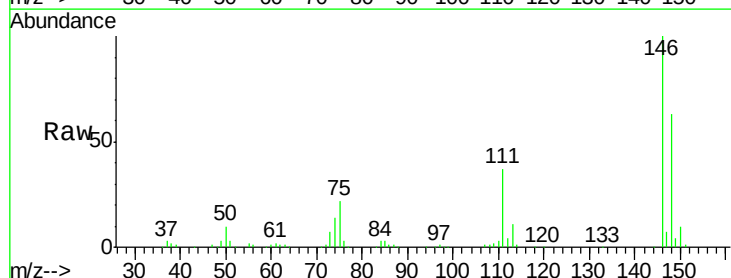
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

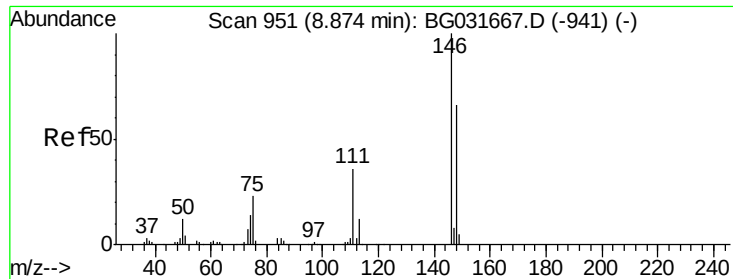
Tgt Ion: 93 Resp: 153937
Ion Ratio Lower Upper
93 100
63 64.7 67.1 107.1#
95 31.6 11.5 51.5



#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#

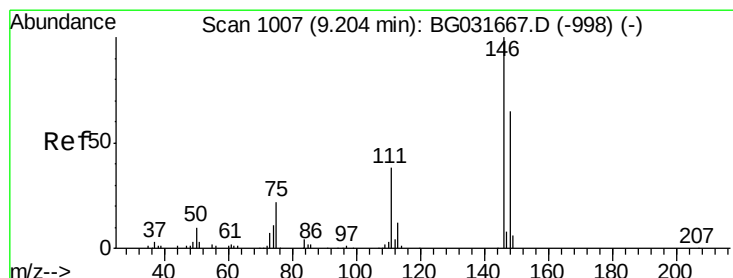
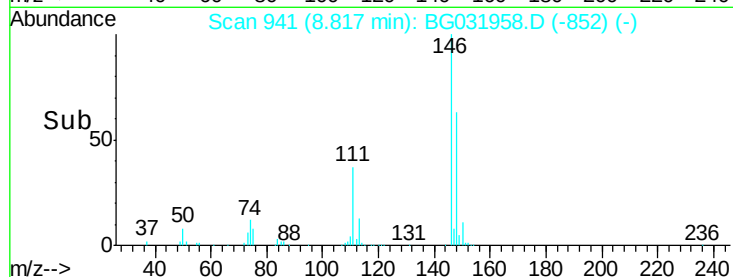
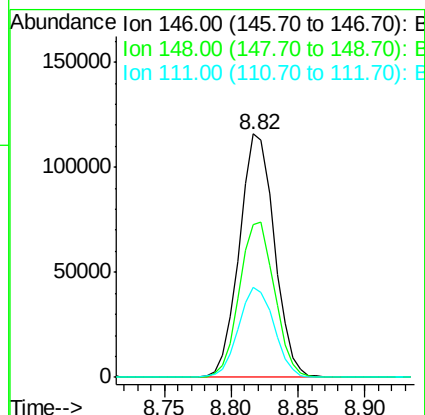
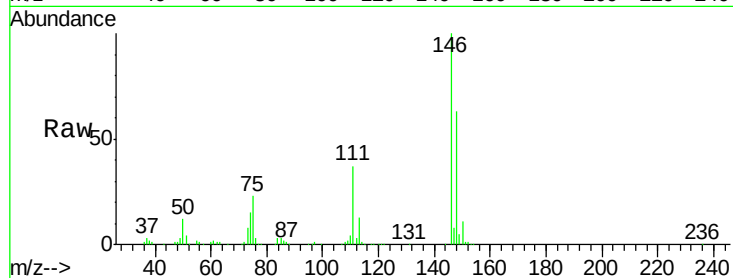




#13
 1,4-Dichlorobenzene
 Concen: 37.409 ng
 RT: 8.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

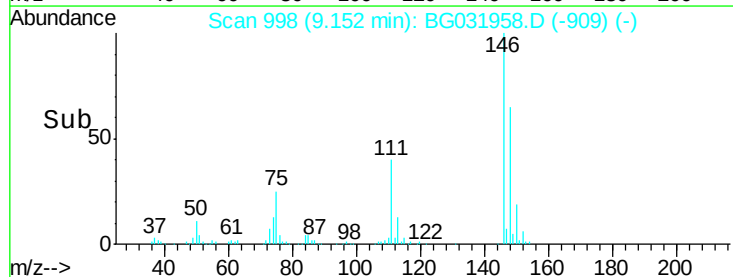
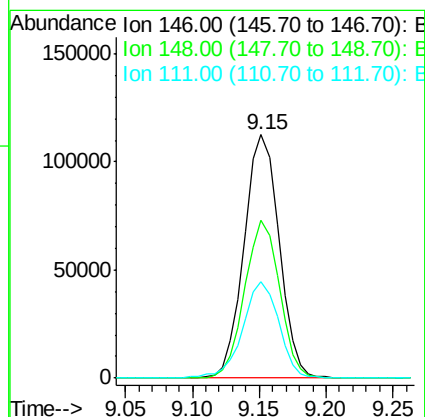
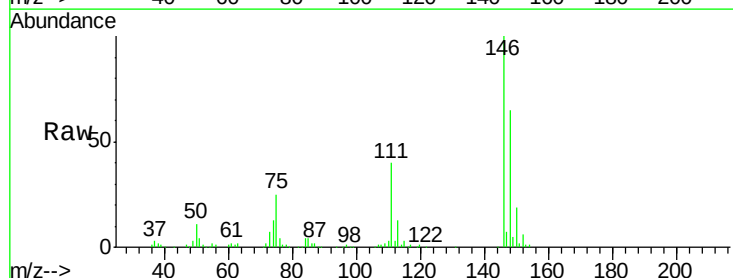
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

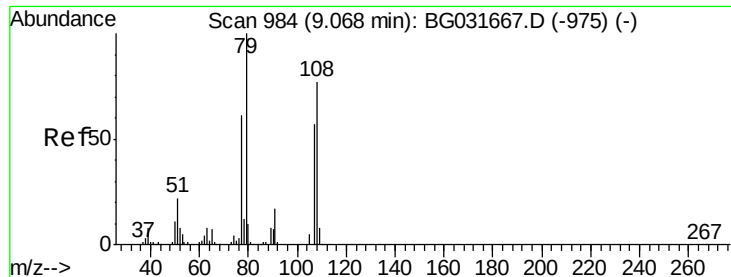
Tgt Ion:146 Resp: 210319
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 37.1 35.2 52.8



#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





#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

ClientSampleId :

OR-03-010818MSD

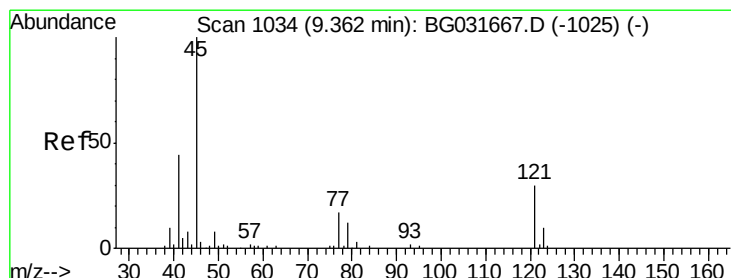
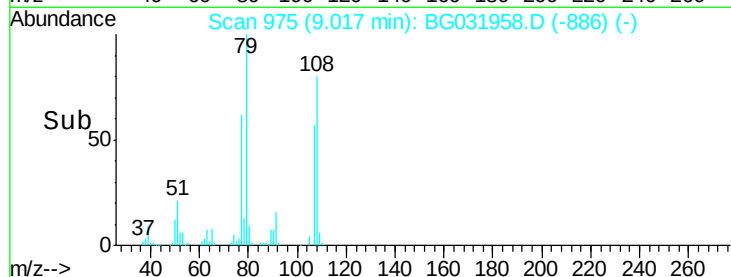
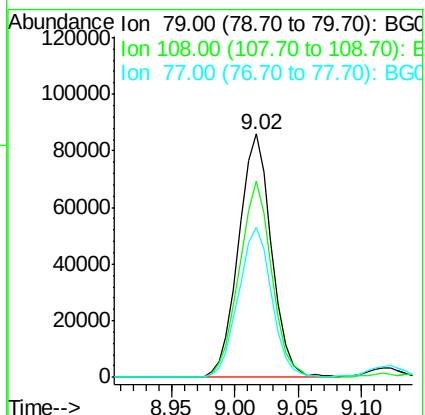
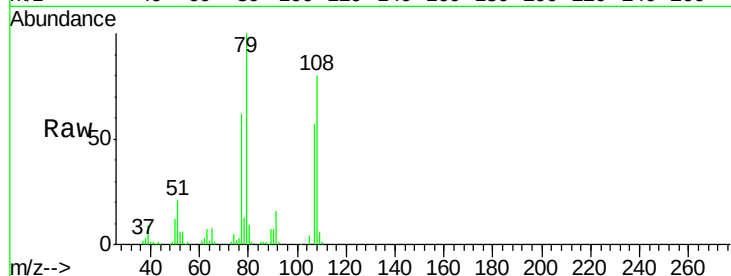
Tgt Ion: 79 Resp: 154310

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

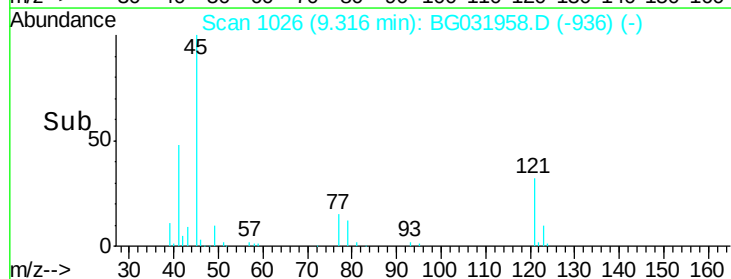
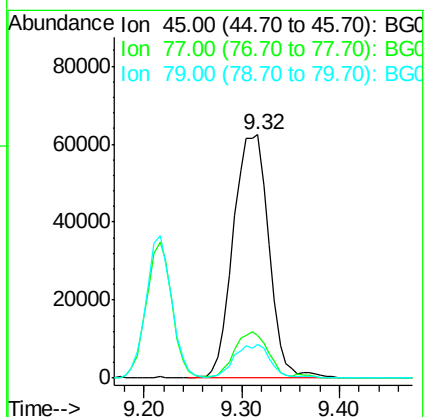
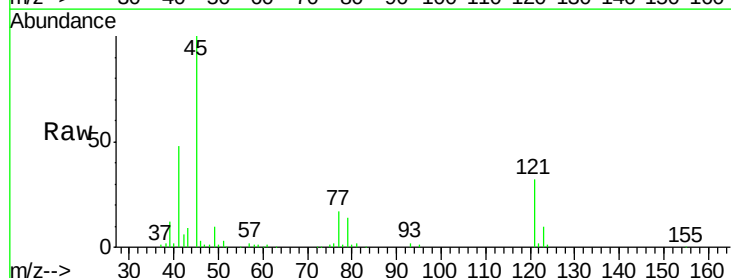
Tgt Ion: 45 Resp: 159446

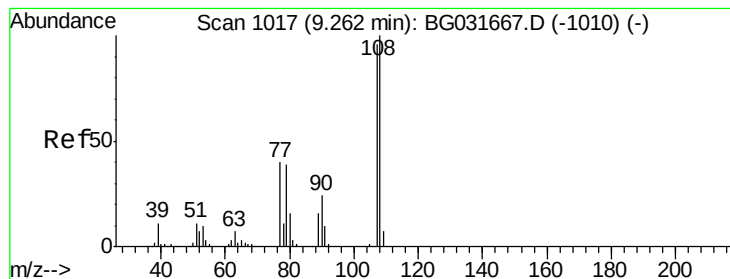
Ion Ratio Lower Upper

45 100

77 17.3 0.0 30.2

79 13.8 0.0 27.9

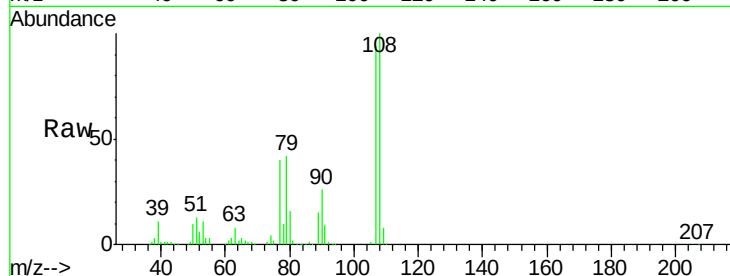




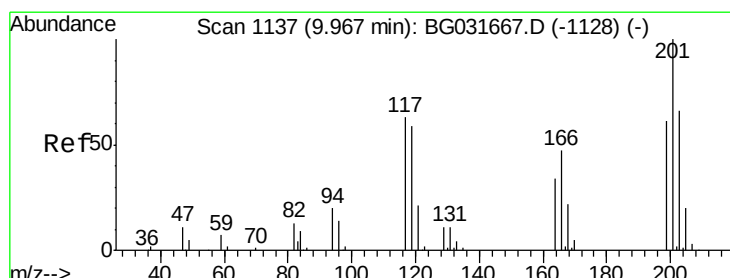
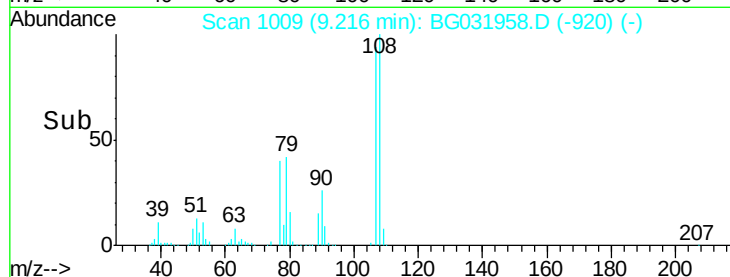
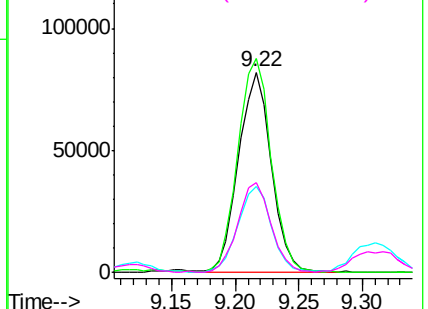
#17
 2-Methylphenol
 Concen: 41.106 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

Tgt 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

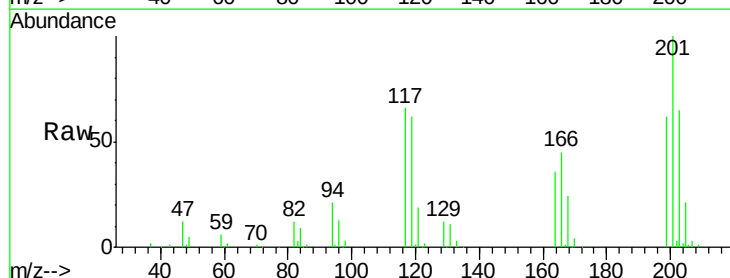


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BG
 Ion 79.00 (78.70 to 79.70): BG

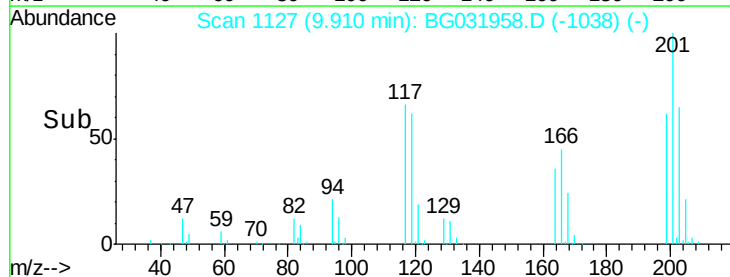
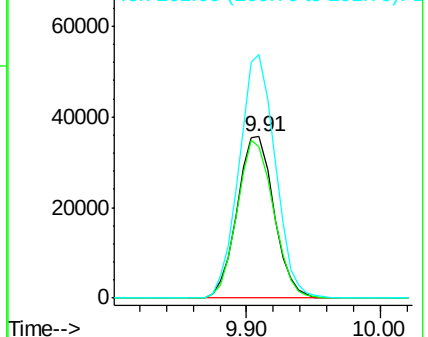


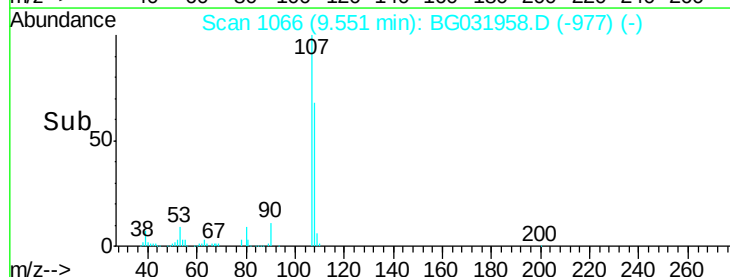
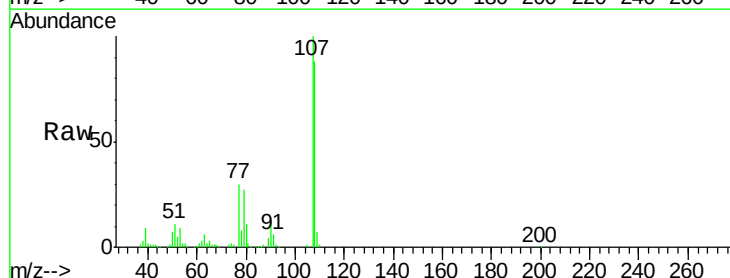
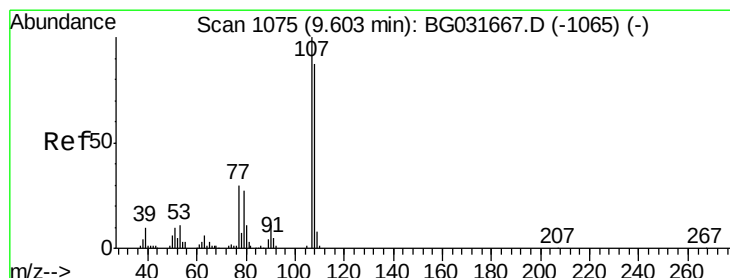
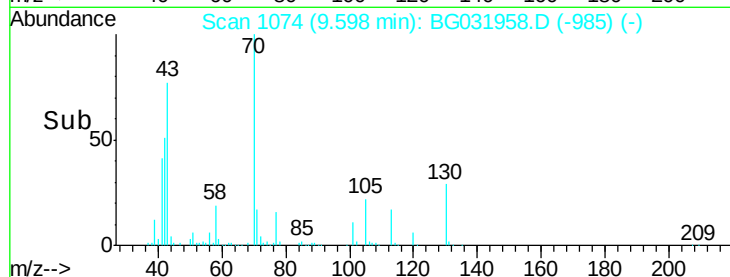
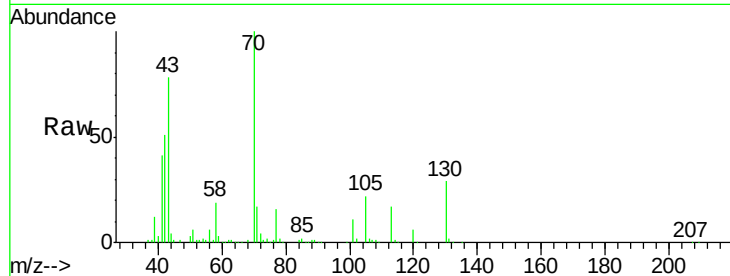
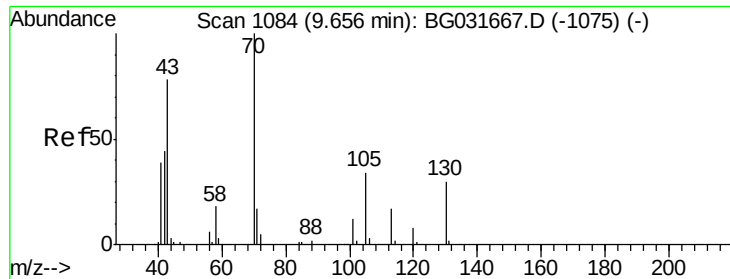
#18
 Hexachloroethane
 Concen: 39.935 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

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

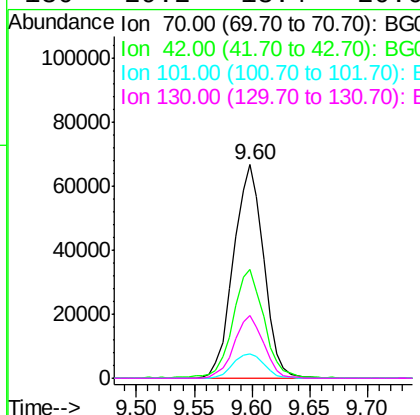




#19
n-Nitroso-di-n-propylamine
Concen: 35.532 ng
RT: 9.60 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

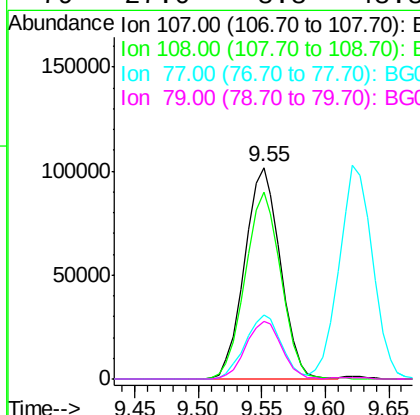
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

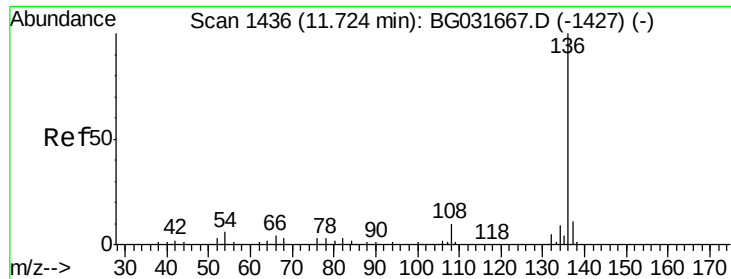
Tgt Ion: 70 Resp: 120373
Ion Ratio Lower Upper
70 100
42 50.7 49.1 73.7
101 11.4 8.5 12.7
130 29.2 13.4 20.0#



#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

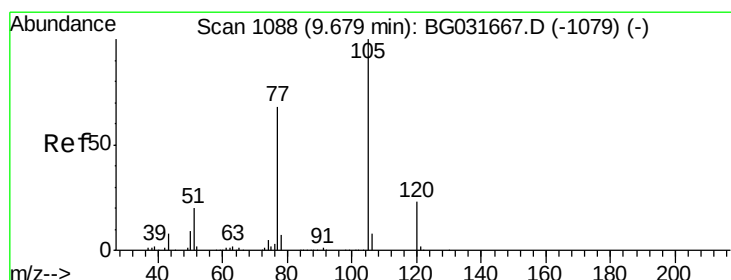
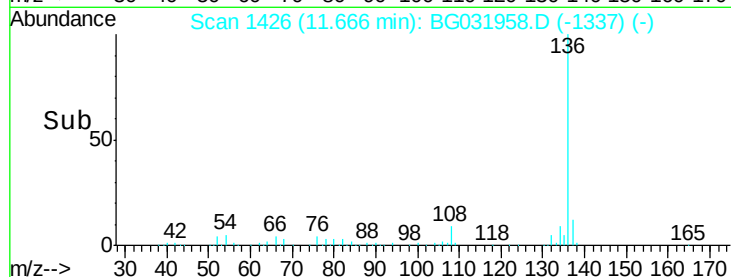
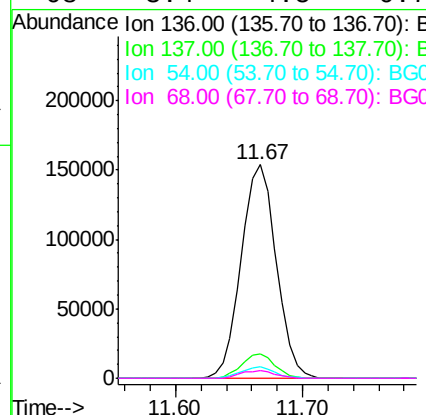
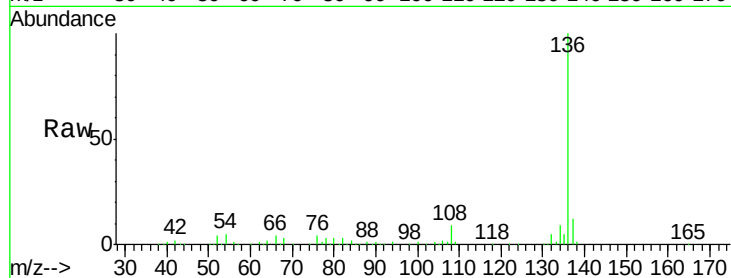




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

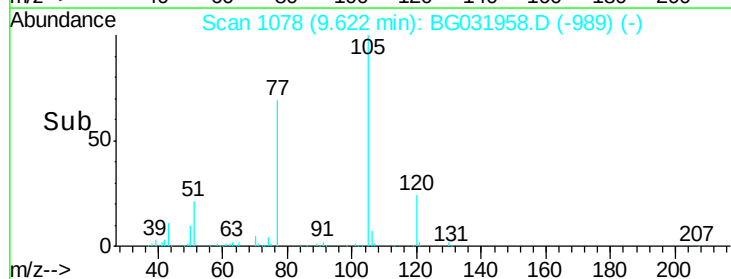
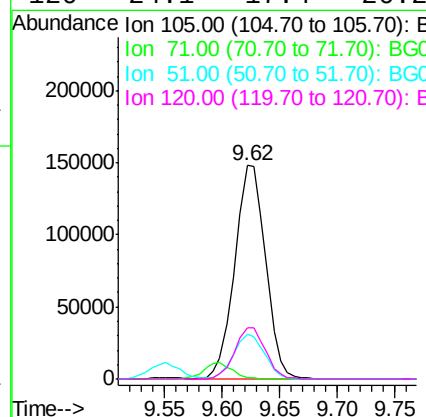
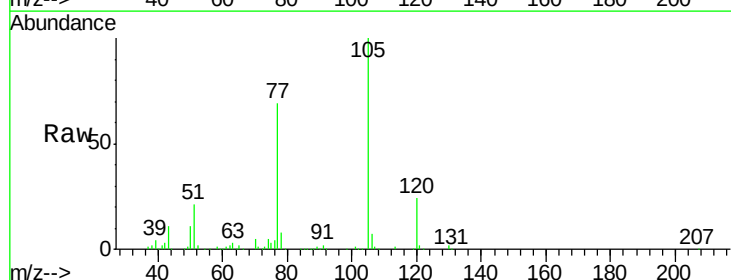
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

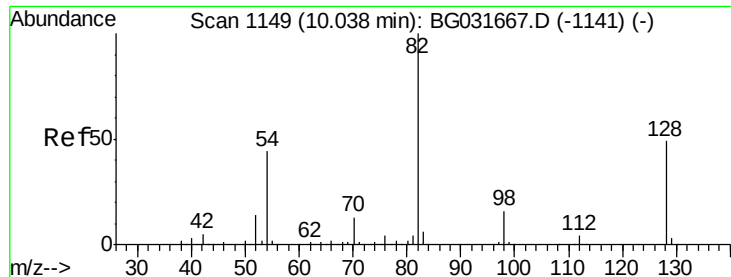
Tgt Ion:	136	Resp:	295347
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.3	10.3	15.5#
68	3.4	4.5	6.7#



#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

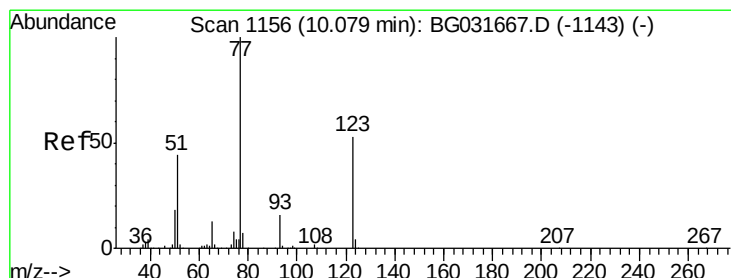
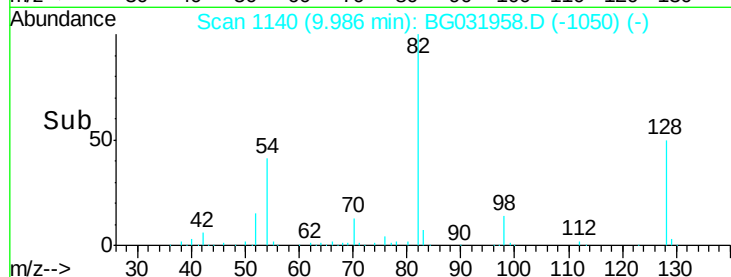
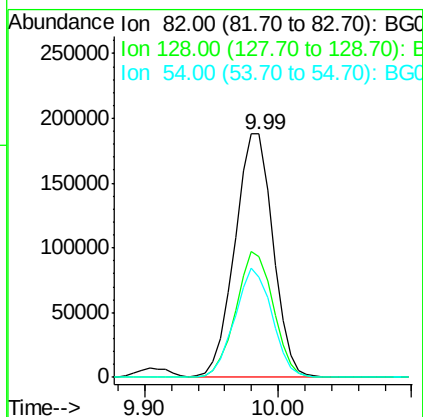
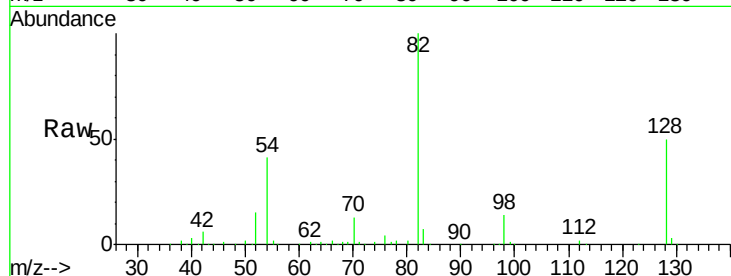




#23
 Nitrobenzene-d5
 Concen: 95.330 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.00 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

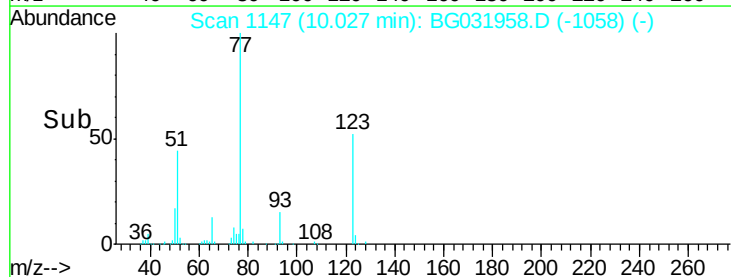
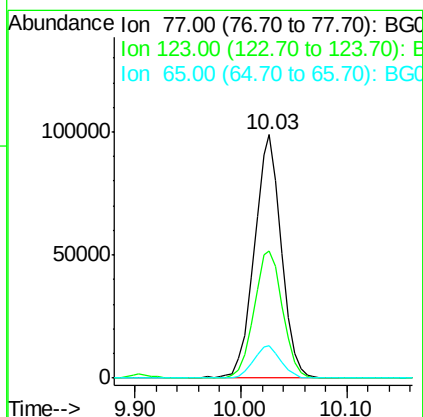
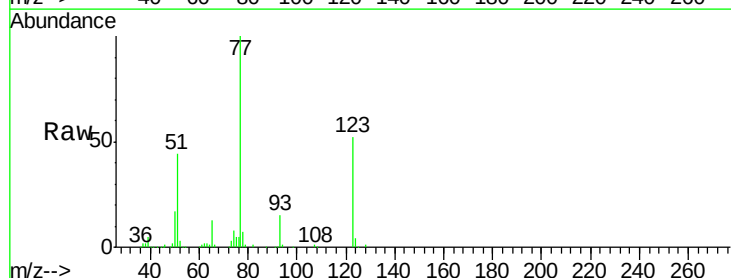
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

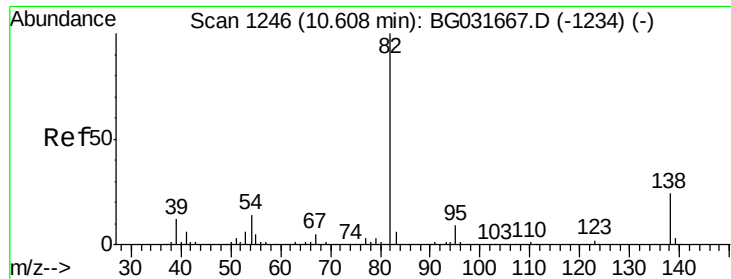
Tgt Ion: 82 Resp: 372860
 Ion Ratio Lower Upper
 82 100
 128 49.8 29.7 44.5#
 54 41.4 43.1 64.7#



#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

ClientSampleId :

OR-03-010818MSD

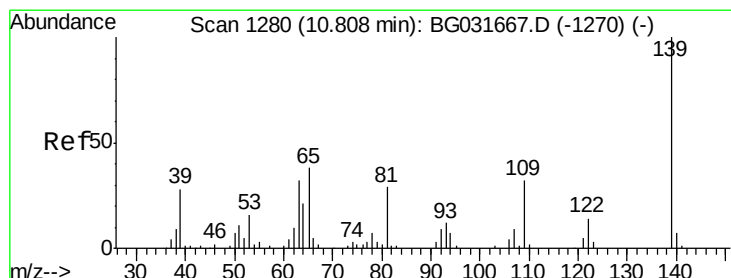
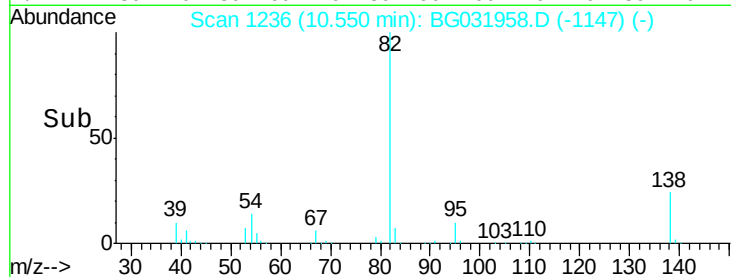
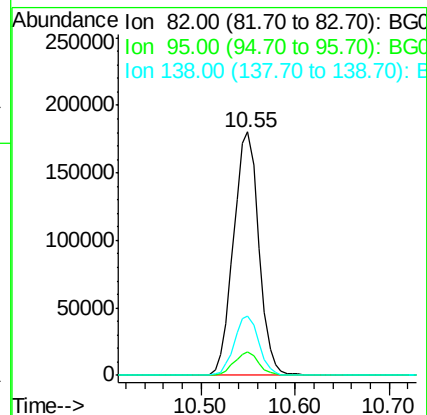
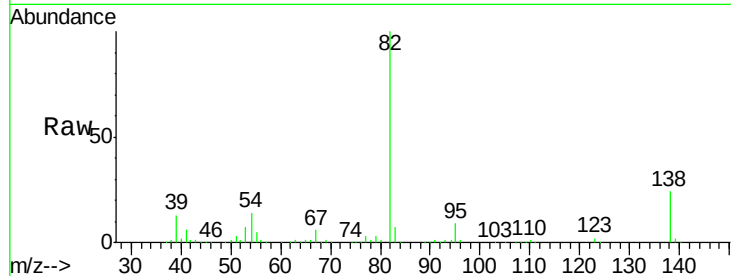
Tgt Ion: 82 Resp: 337268

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

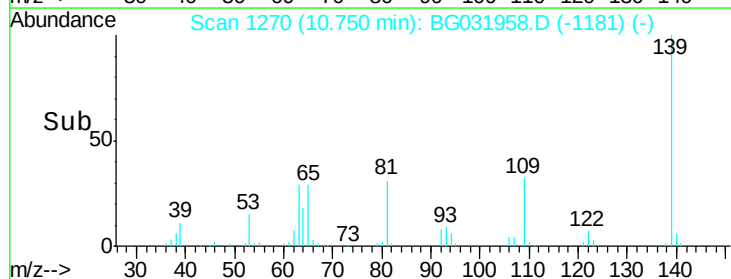
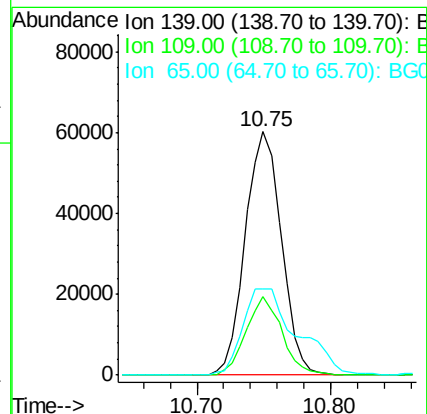
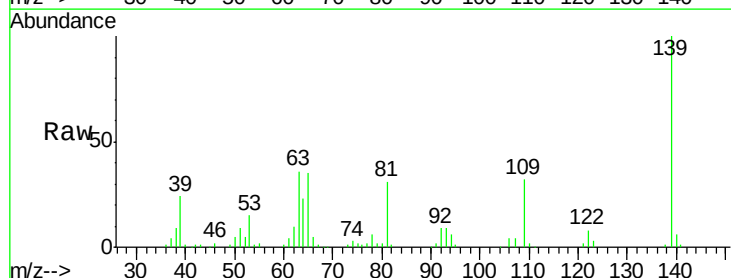
Tgt Ion: 139 Resp: 112598

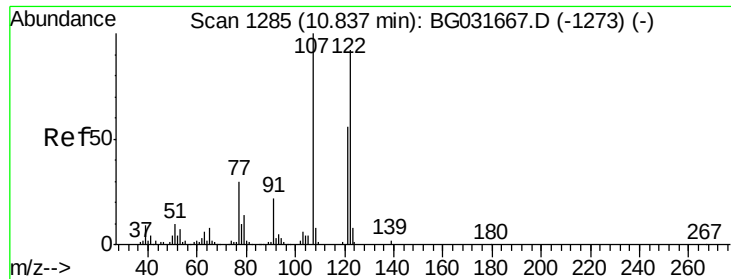
Ion Ratio Lower Upper

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 :

OR-03-010818MSD

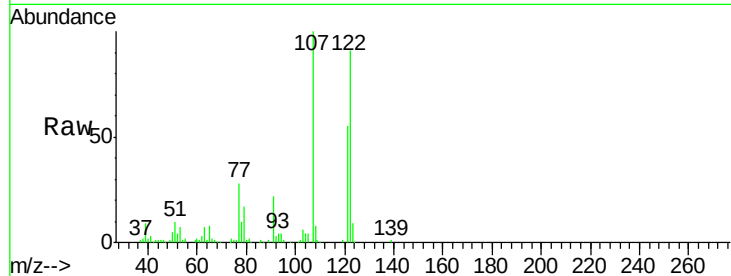
Tgt Ion: 122 Resp: 192636

Ion Ratio Lower Upper

122 100

107 109.9 100.2 150.2

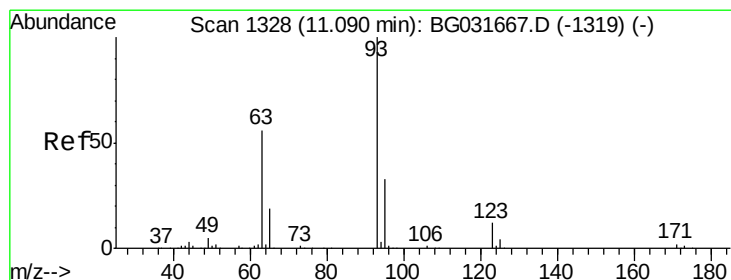
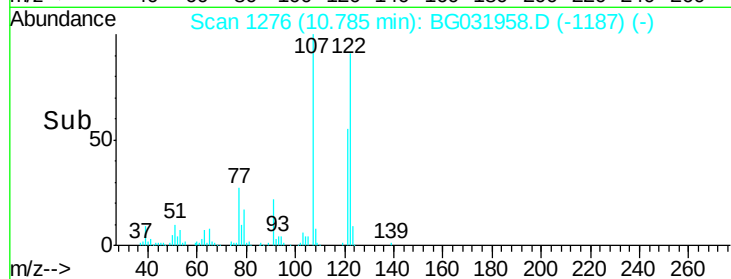
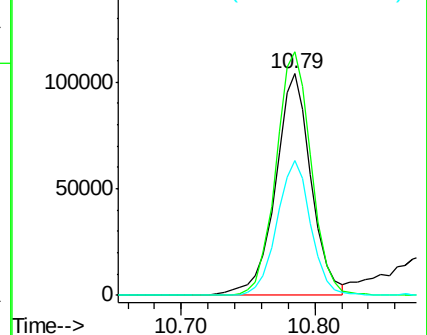
121 60.7 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

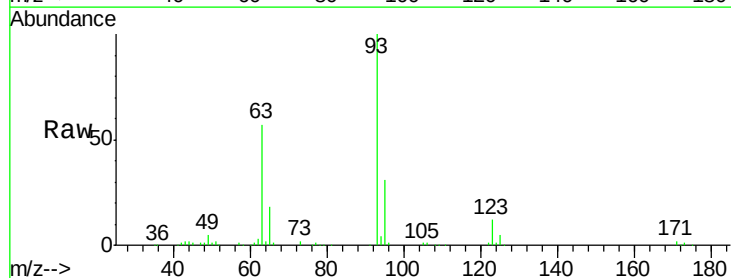
Tgt Ion: 93 Resp: 216884

Ion Ratio Lower Upper

93 100

95 31.1 24.3 36.5

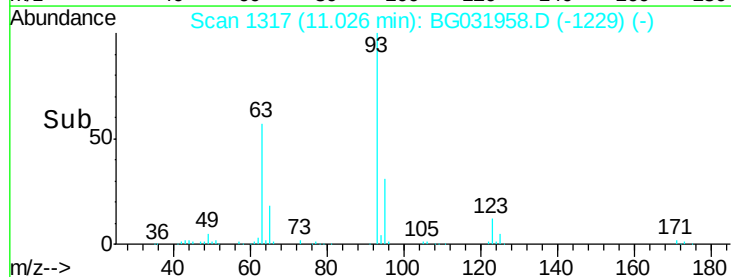
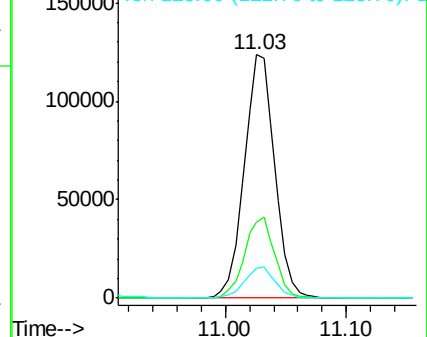
123 12.1 8.4 12.6

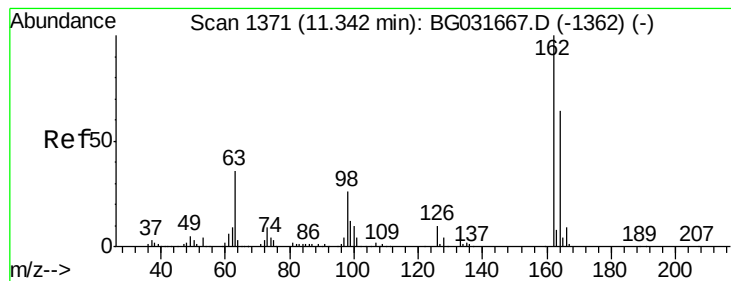


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 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 :

OR-03-010818MSD

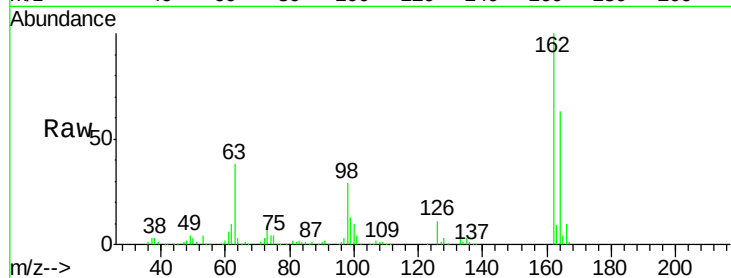
Tgt Ion:162 Resp: 221114

Ion Ratio Lower Upper

162 100

164 62.8 48.0 88.0

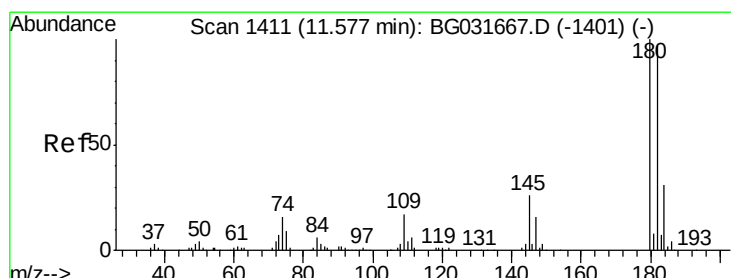
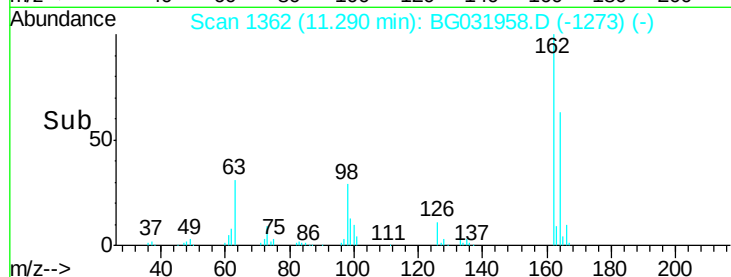
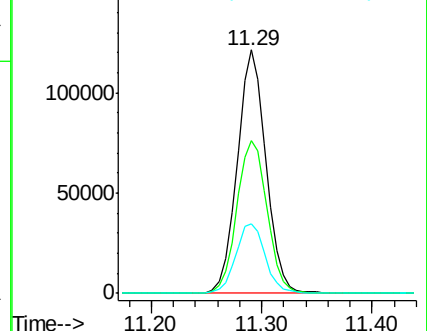
98 28.5 21.1 61.1



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): BGC



#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

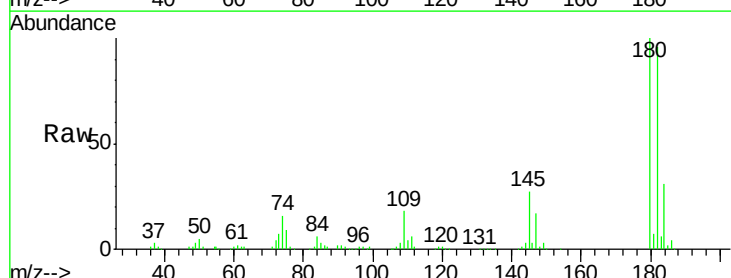
Tgt Ion:180 Resp: 251121

Ion Ratio Lower Upper

180 100

182 95.9 77.5 116.3

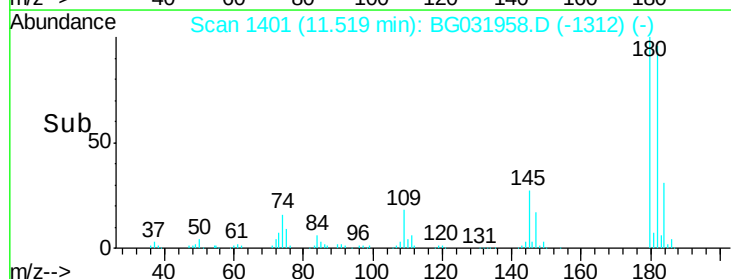
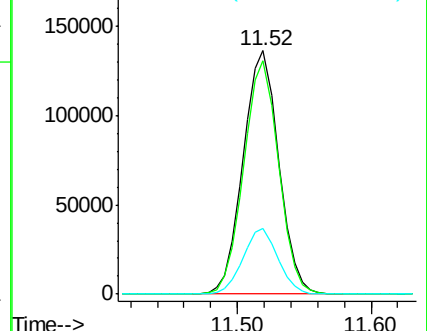
145 26.8 23.4 35.2

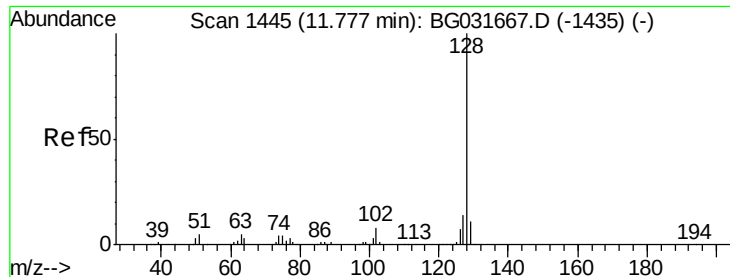


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

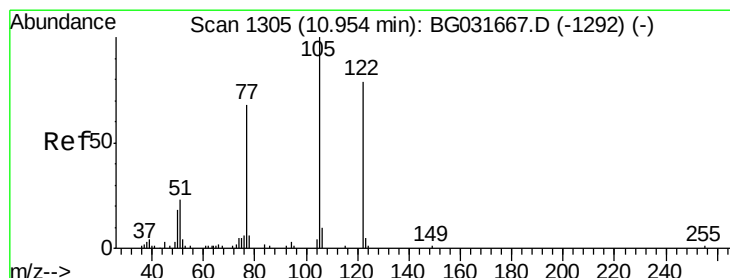
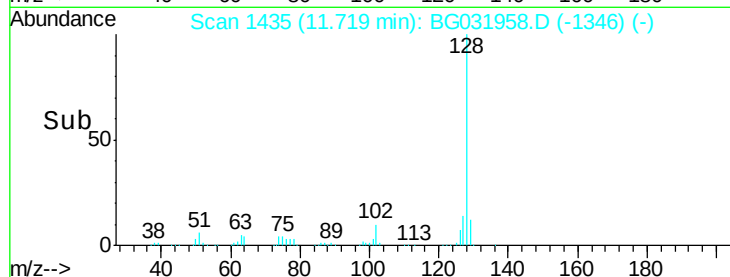
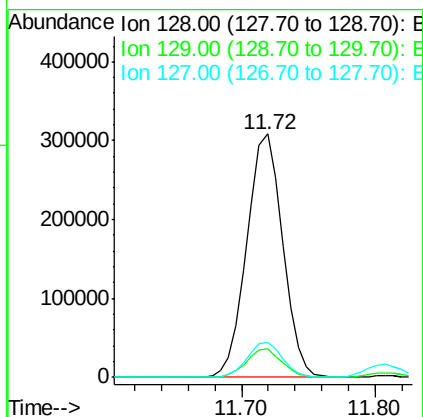
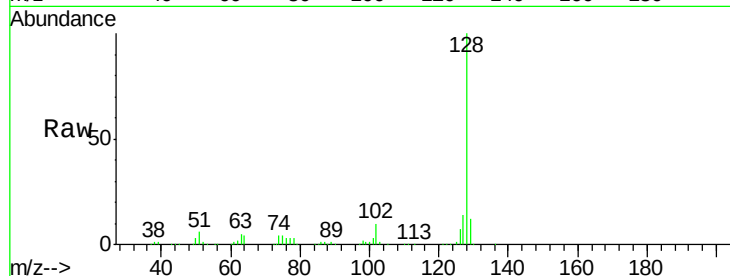




#31
Naphthalene
Concen: 38.389 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

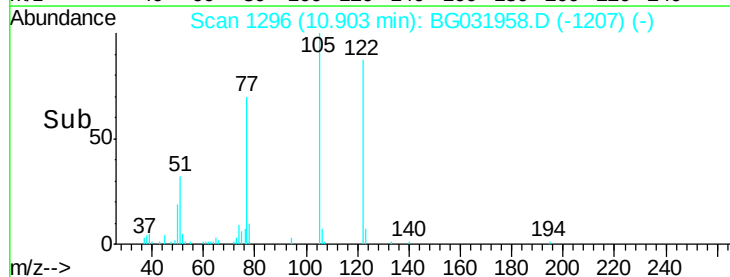
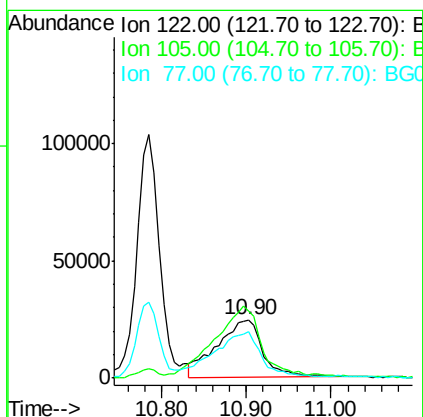
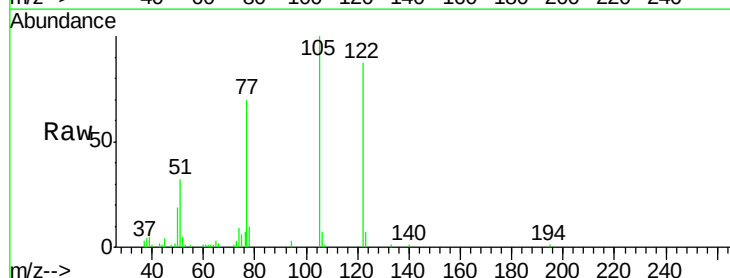
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

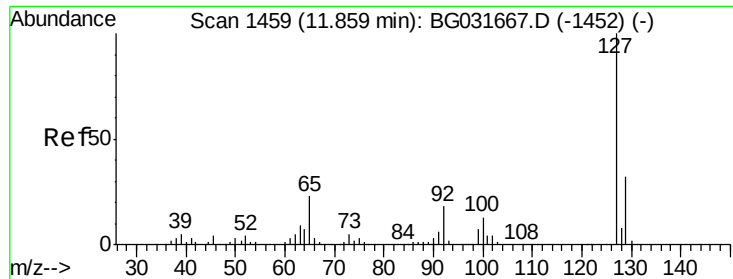
Tgt Ion:128 Resp: 572209
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.2 11.6 17.4



#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:122 Resp: 90890
Ion Ratio Lower Upper
122 100
105 114.9 123.5 163.5#
77 80.4 85.7 125.7#

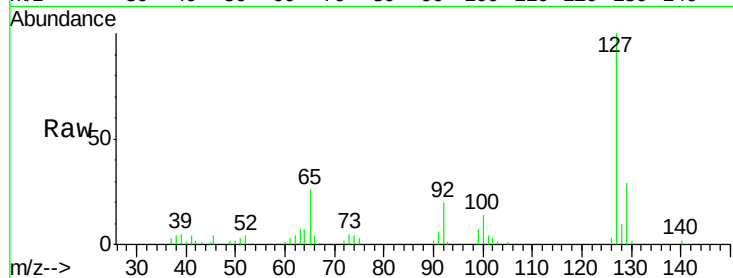




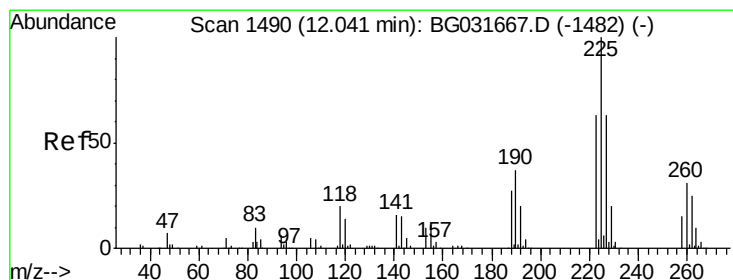
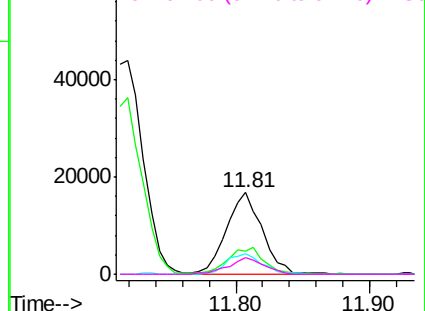
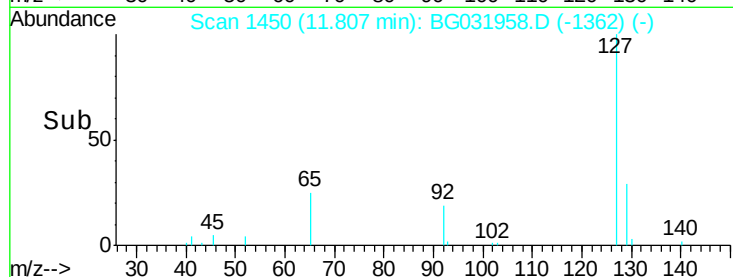
#33
4-Chloroaniline
Concen: 4.754 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

Tgt 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

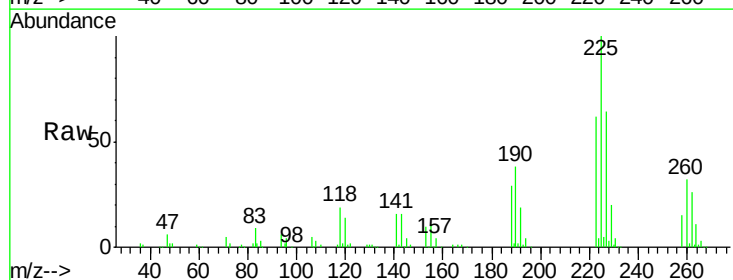


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

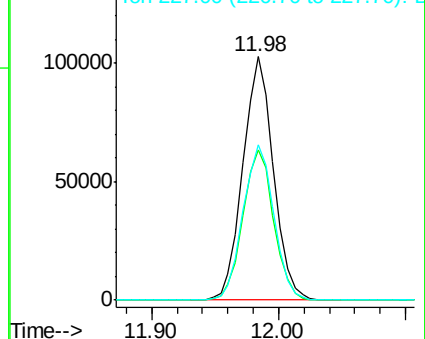
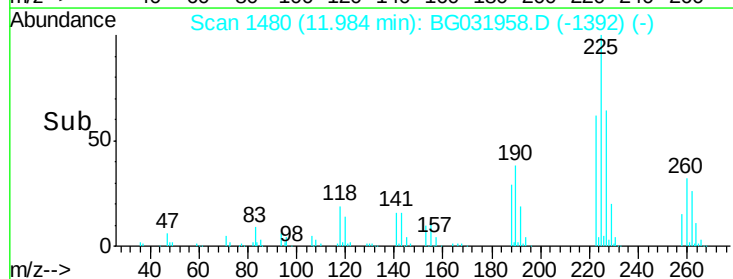


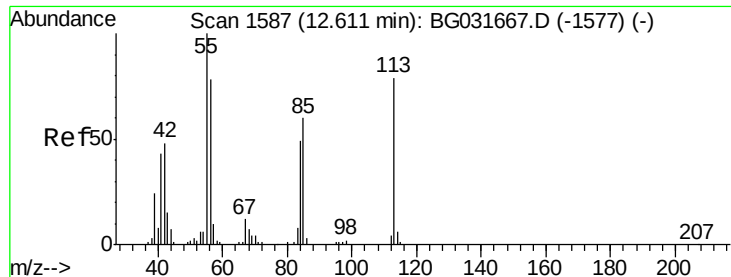
#34
Hexachlorobutadiene
Concen: 39.086 ng
RT: 11.98 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

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



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





#35

Caprolactam

Concen: 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 :

OR-03-010818MSD

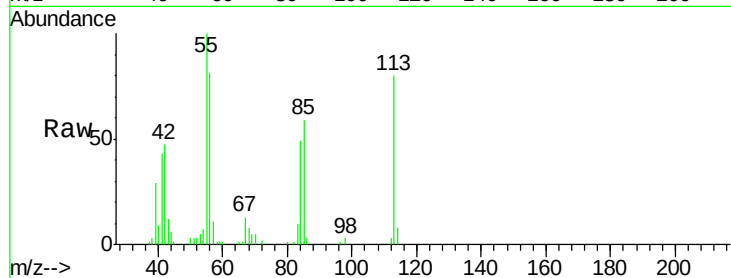
Tgt Ion:113 Resp: 50133

Ion Ratio Lower Upper

113 100

55 124.5 186.9 226.9#

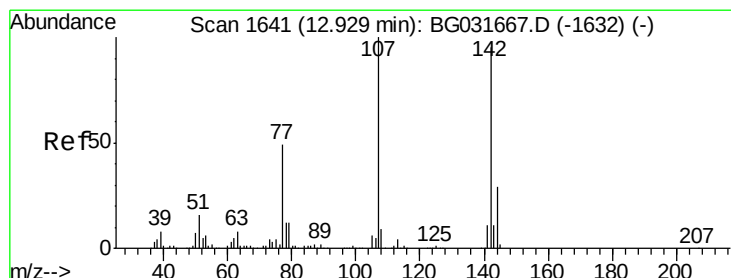
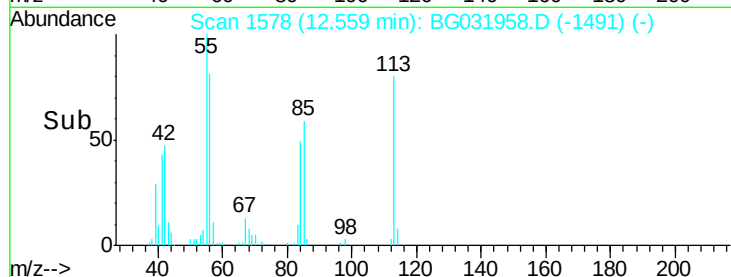
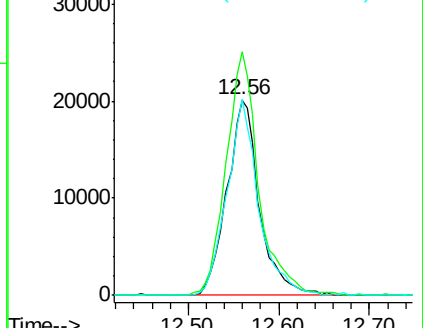
56 100.3 130.9 170.9#



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

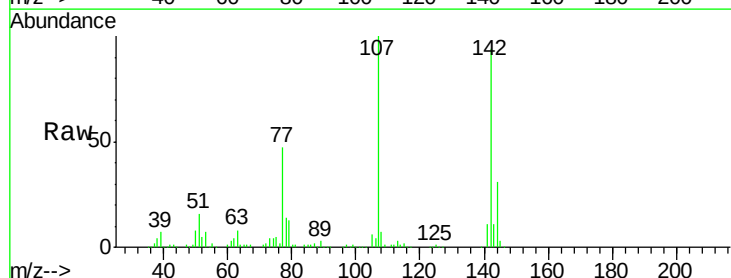
Tgt Ion:107 Resp: 197725

Ion Ratio Lower Upper

107 100

144 30.9 18.2 27.4#

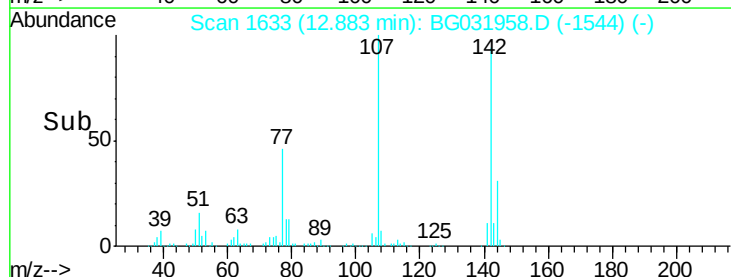
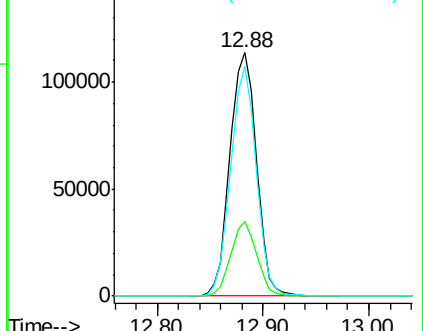
142 94.1 59.0 88.4#

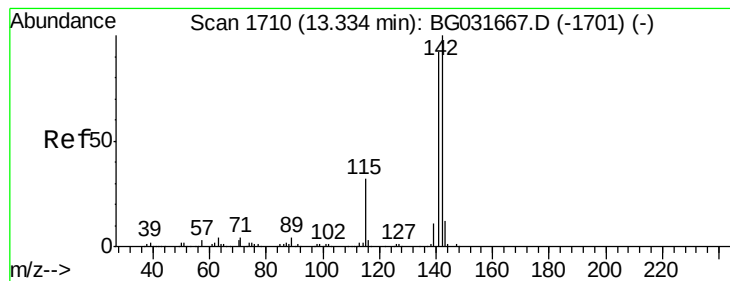


Abundance Ion 107.00 (106.70 to 107.70): E

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 :

OR-03-010818MSD

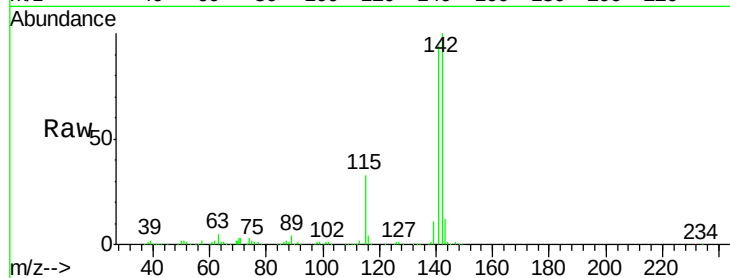
Tgt Ion:142 Resp: 475627

Ion Ratio Lower Upper

142 100

141 94.4 67.1 100.7

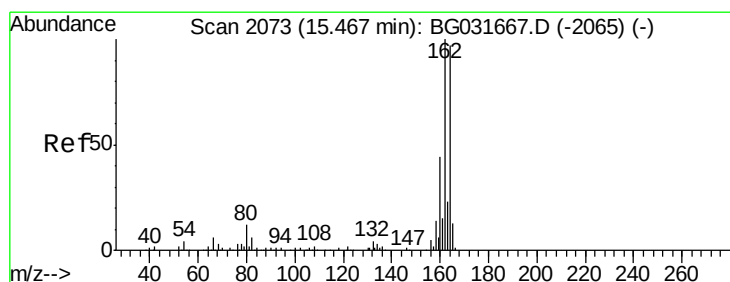
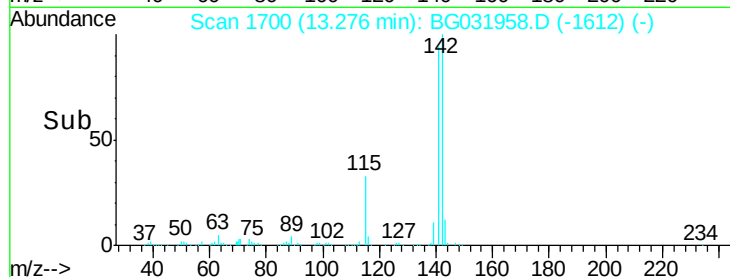
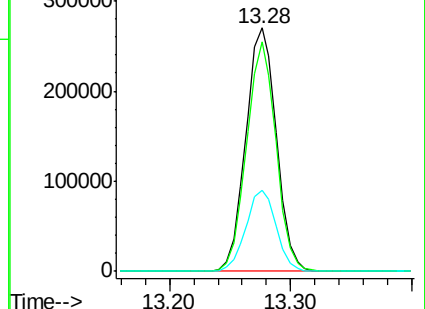
115 33.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

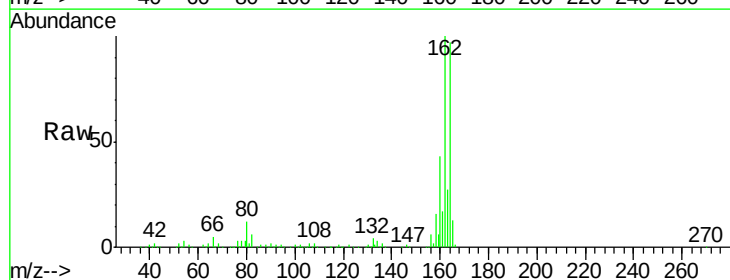
Tgt Ion:164 Resp: 198355

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

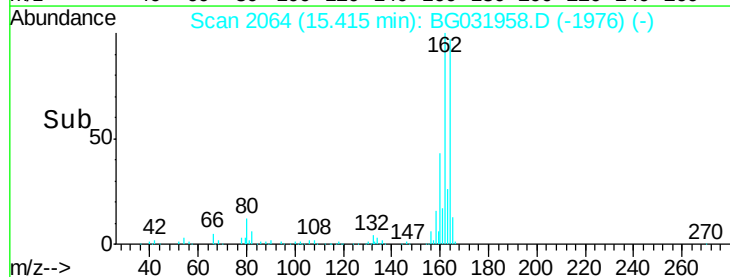
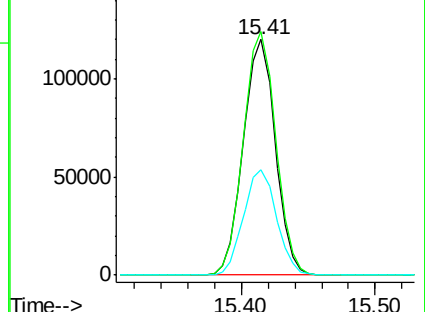
160 45.0 35.4 53.0

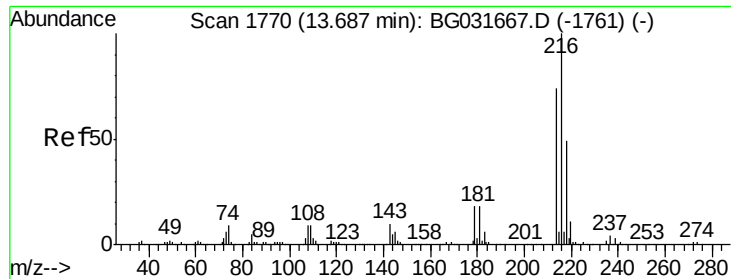


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

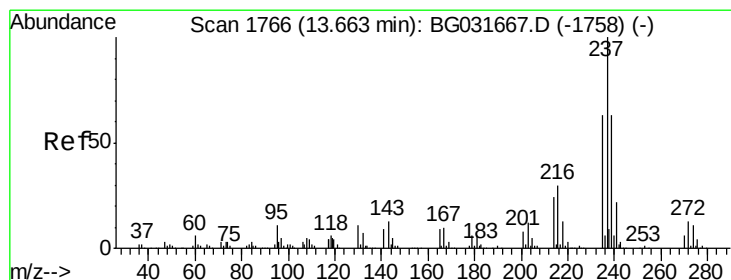
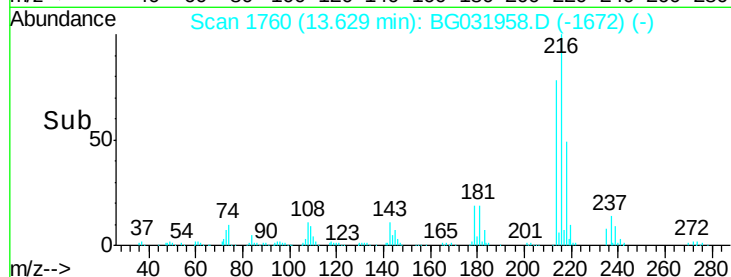
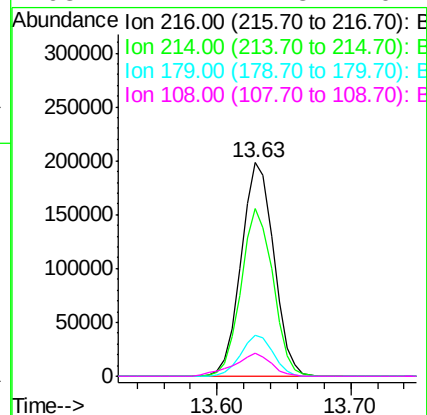
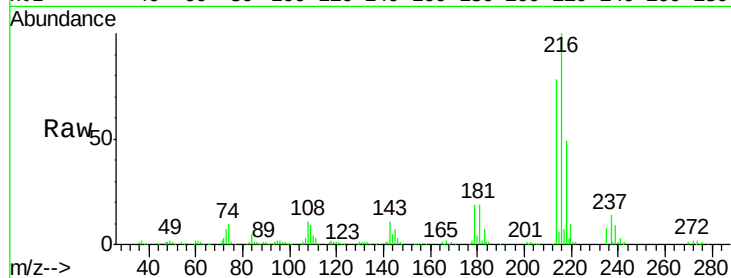




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.014 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

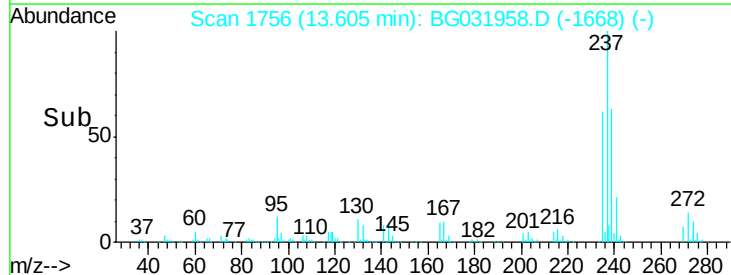
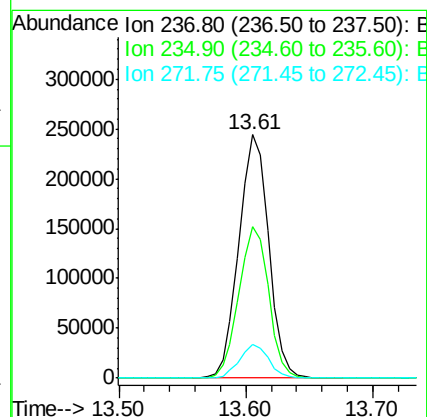
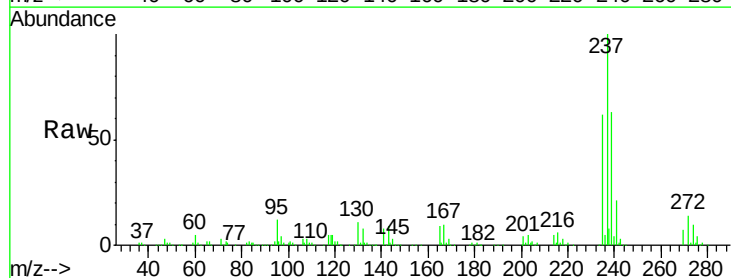
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

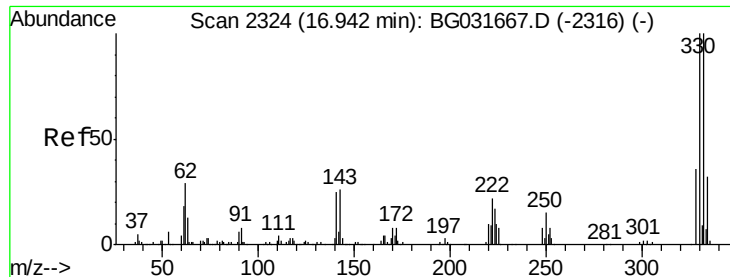
Tgt Ion:216 Resp: 334308
Ion Ratio Lower Upper
216 100
214 76.9 63.0 94.4
179 18.9 17.0 25.6
108 12.4 12.8 19.2#



#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

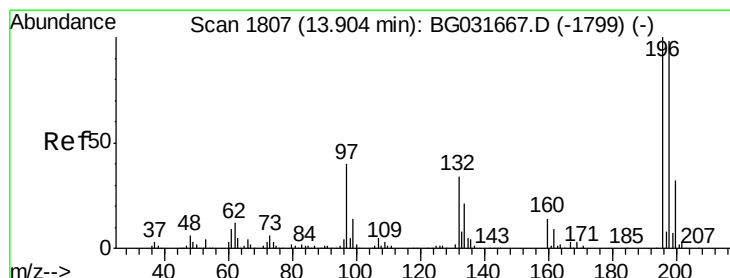
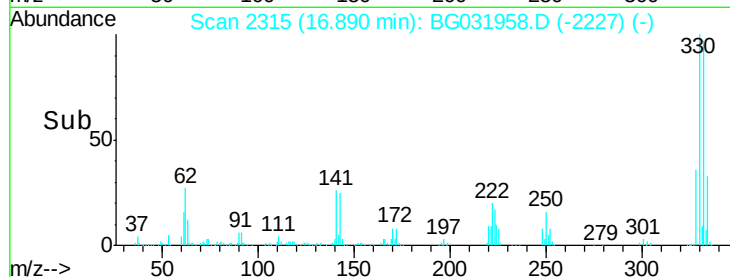
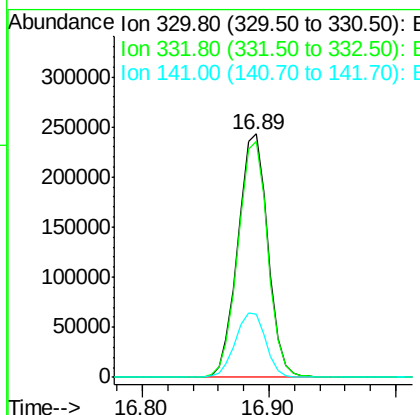
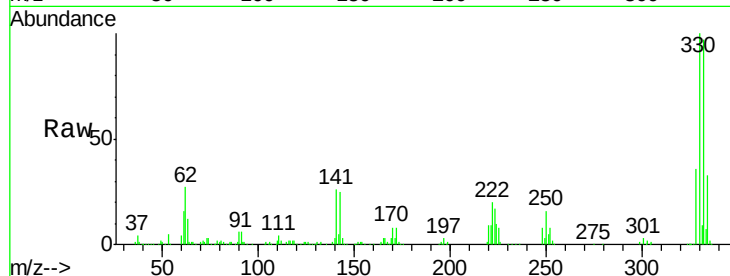




#41
 2,4,6-Tribromophenol
 Concen: 131.432 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

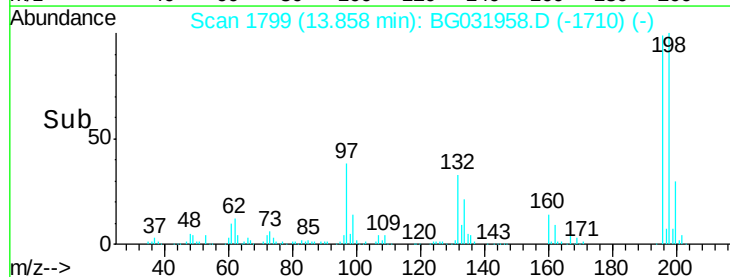
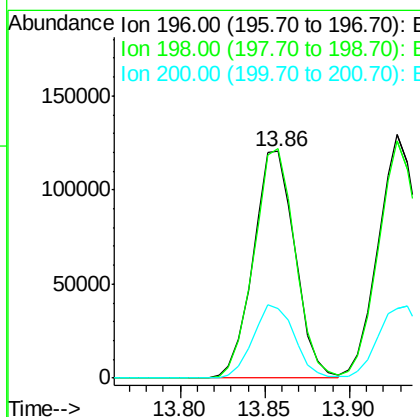
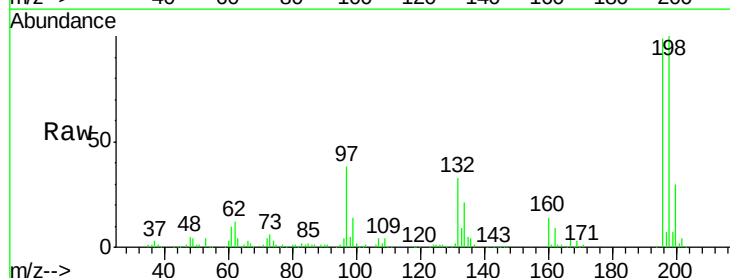
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

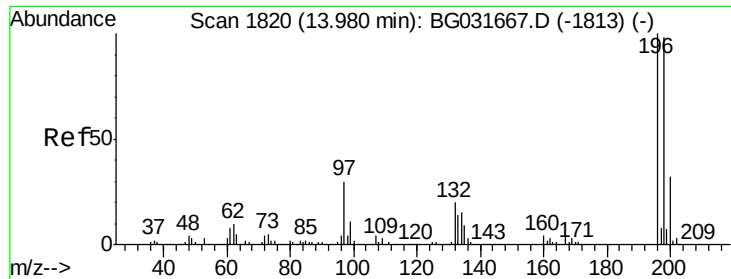
Tgt Ion:330 Resp: 397796
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 27.0 25.2 37.8



#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:196 Resp: 207453
 Ion Ratio Lower Upper
 196 100
 198 101.4 78.2 117.2
 200 30.9 24.6 36.8

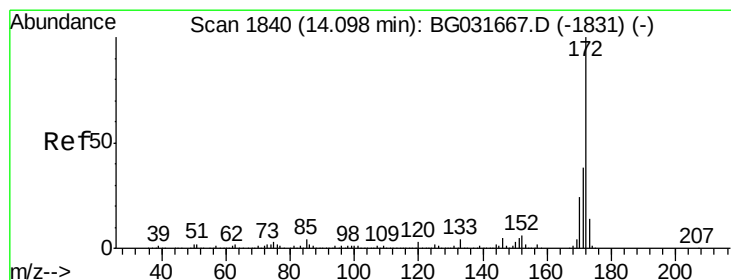
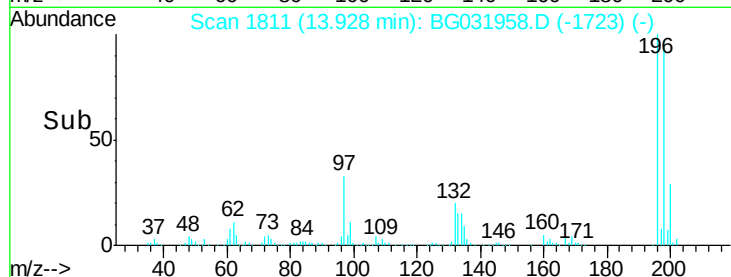
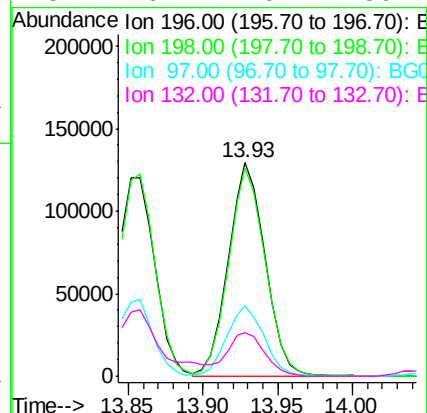
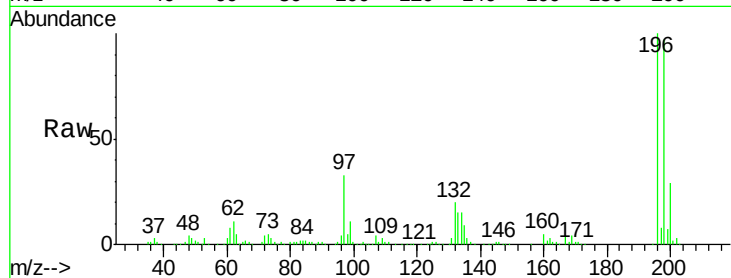




#43
2,4,5-Trichlorophenol
Concen: 41.616 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

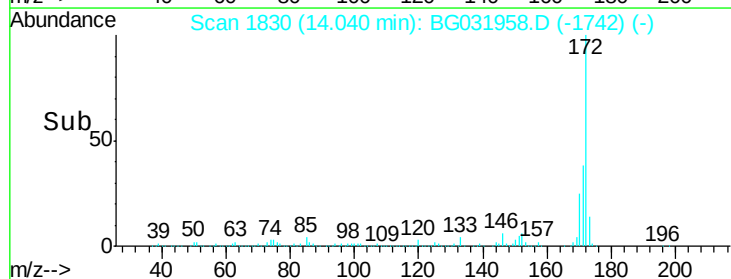
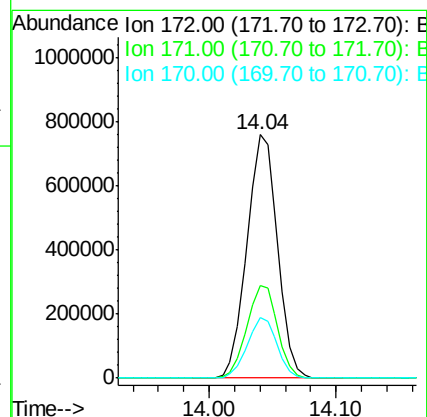
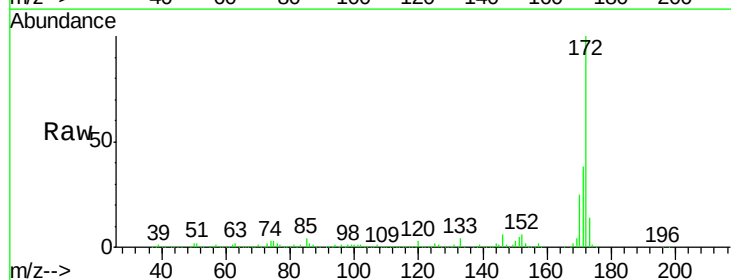
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

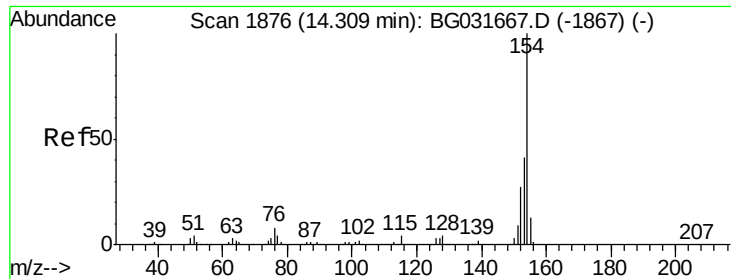
Tgt Ion	Resp	Lower	Upper
196	222159		
196	100		
198	97.4	76.2	114.4
97	32.9	38.7	58.1
132	20.4	20.2	30.2



#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	Resp	Lower	Upper
172	1269444		
172	100		
171	37.9	30.0	45.0
170	24.6	19.5	29.3

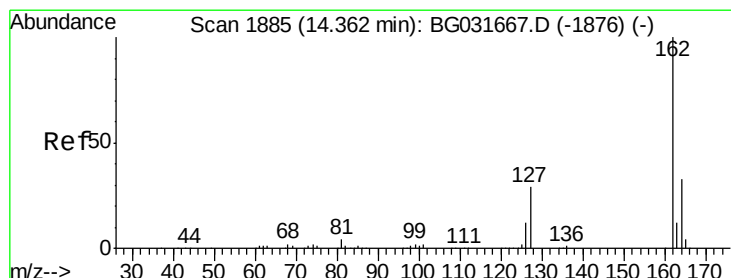
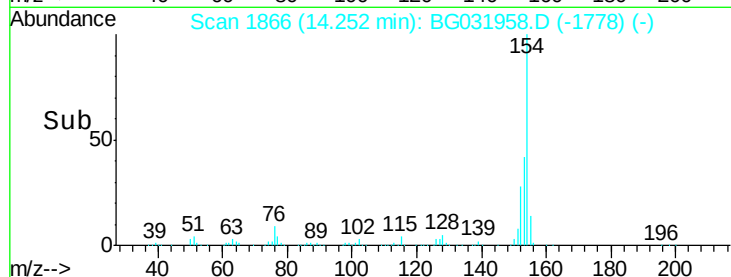
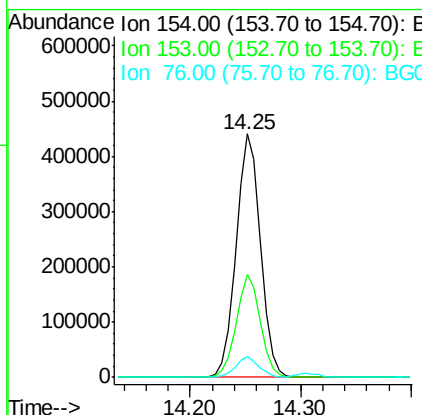
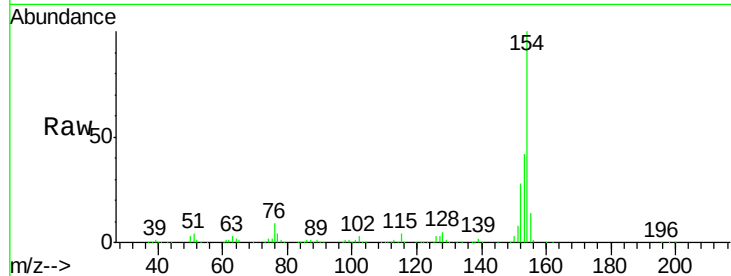




#45
 1,1'-Biphenyl
 Concen: 40.071 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

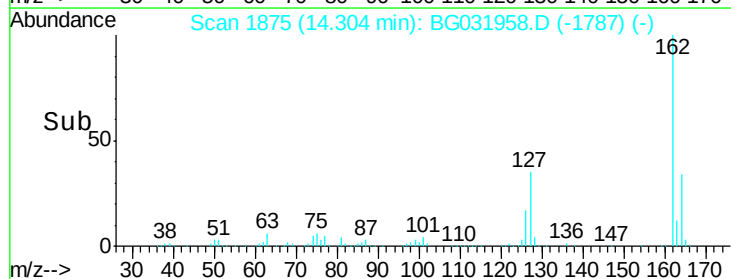
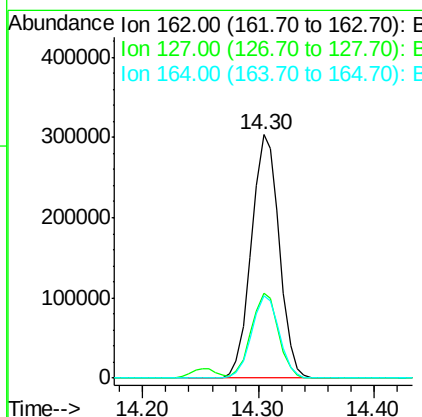
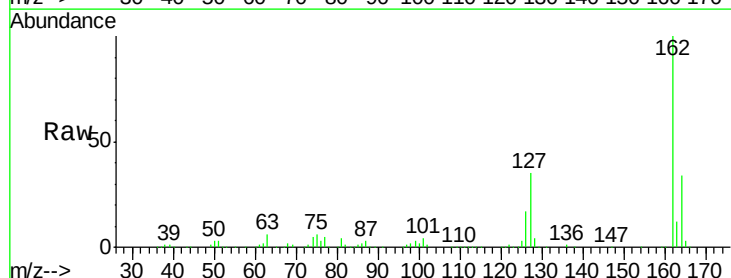
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

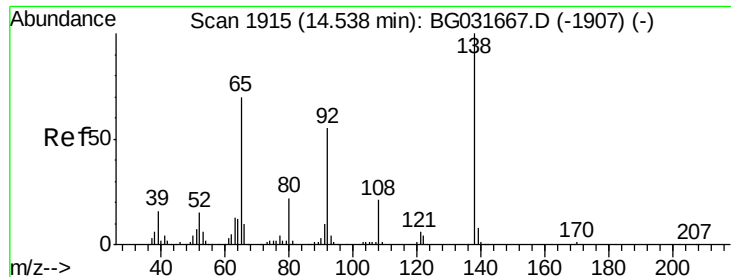
Tgt Ion:154 Resp: 678869
 Ion Ratio Lower Upper
 154 100
 153 42.2 19.8 59.8
 76 8.7 0.0 31.9



#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

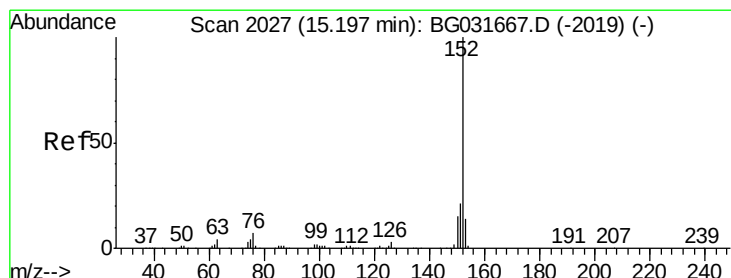
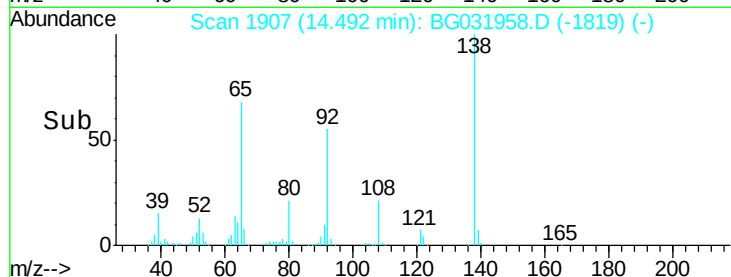
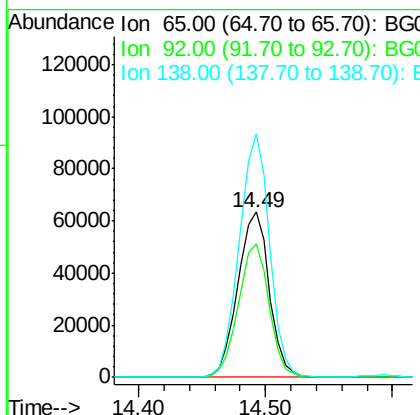
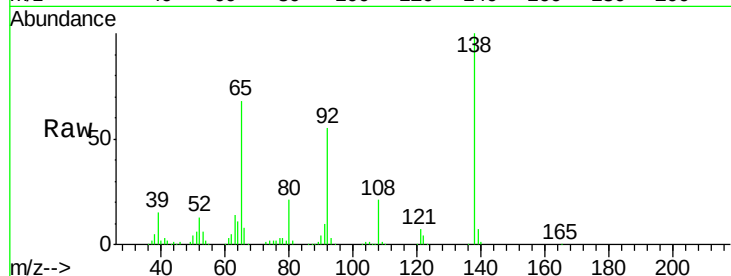




#47
2-Nitroaniline
Concen: 48.673 ng
RT: 14.49 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

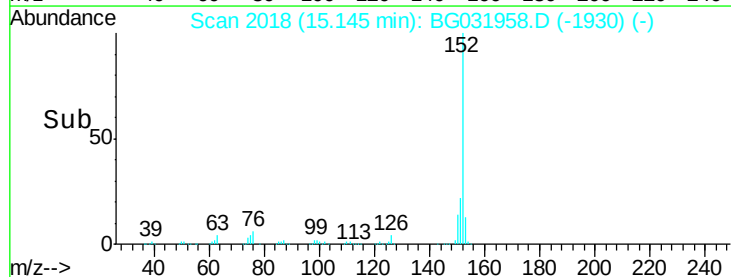
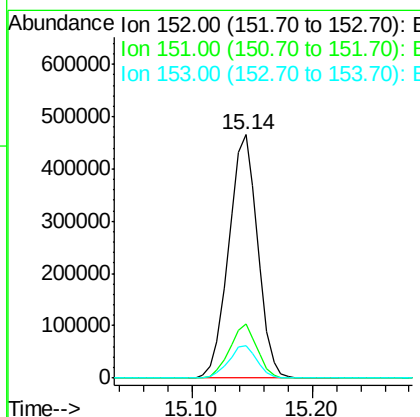
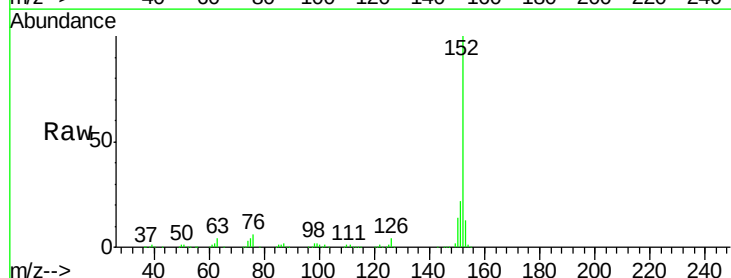
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

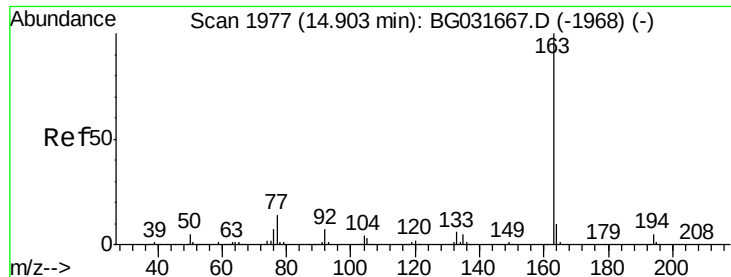
Tgt Ion: 65 Resp: 108627
Ion Ratio Lower Upper
65 100
92 80.7 54.6 82.0
138 147.5 72.9 109.3#



#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

ClientSampleId :

OR-03-010818MSD

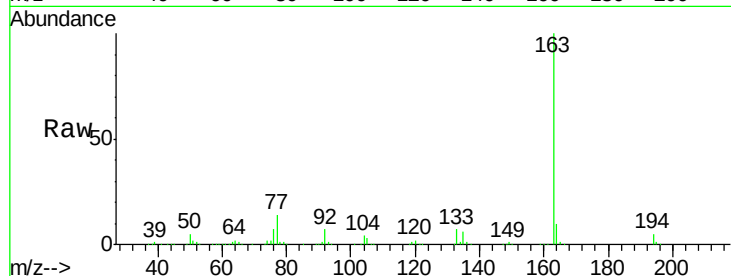
Tgt Ion:163 Resp: 652722

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

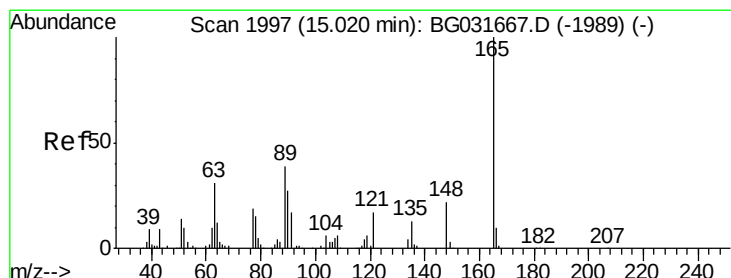
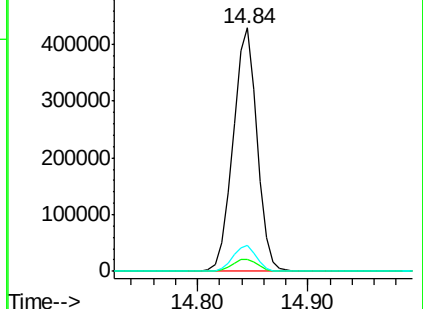
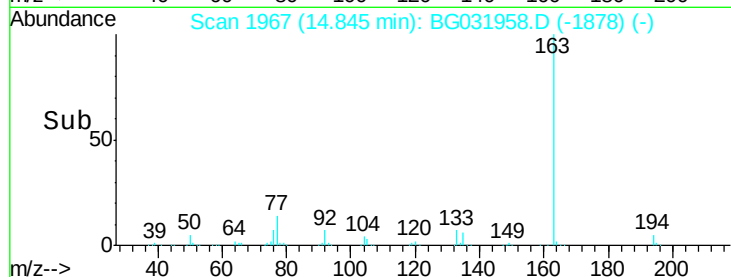
164 10.4 8.2 12.4



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

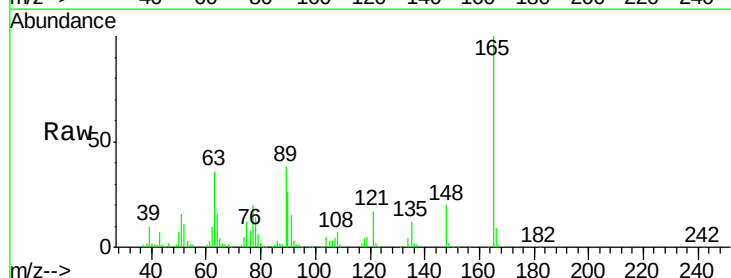
Tgt Ion:165 Resp: 150750

Ion Ratio Lower Upper

165 100

63 36.4 52.7 79.1#

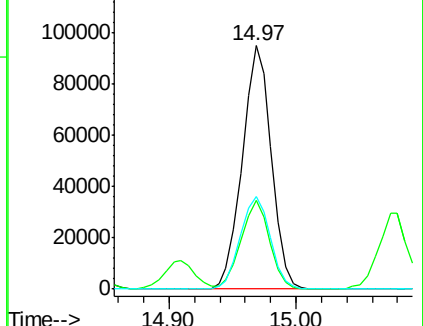
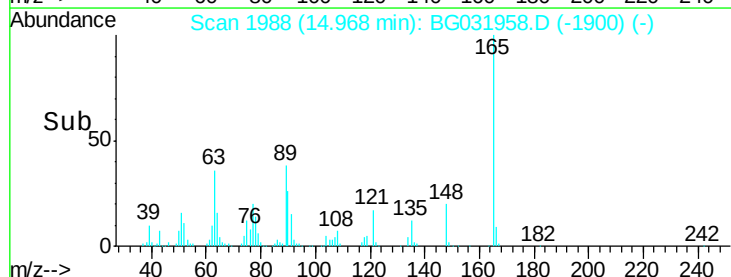
89 38.1 49.2 73.8#

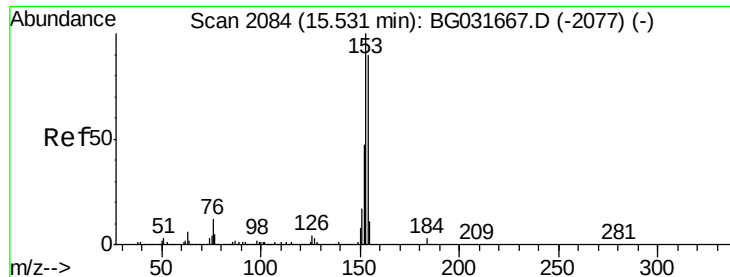


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

OR-03-010818MSD

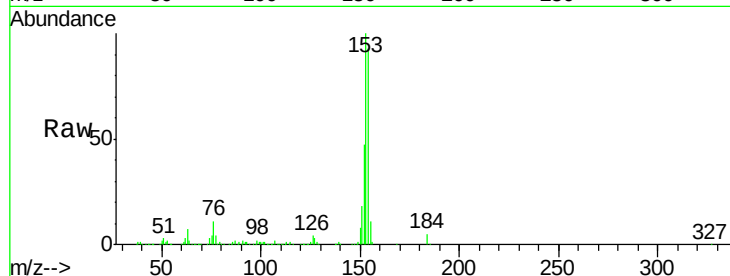
Tgt Ion:154 Resp: 543704

Ion Ratio Lower Upper

154 100

153 108.0 90.4 135.6

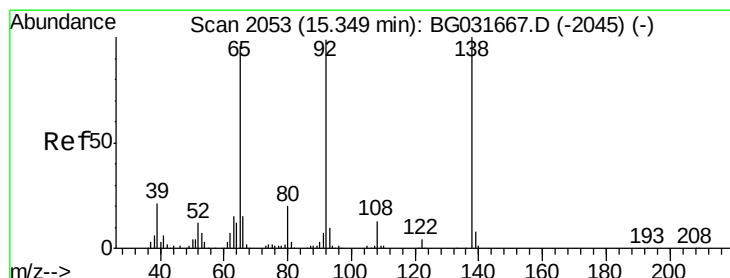
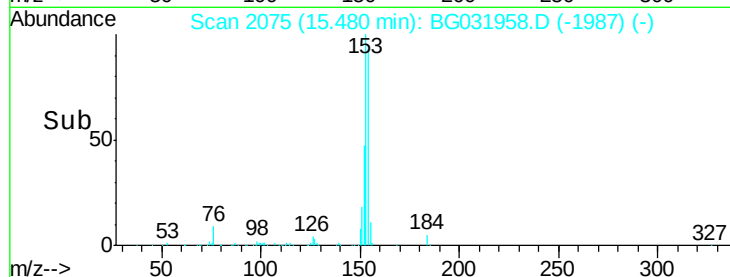
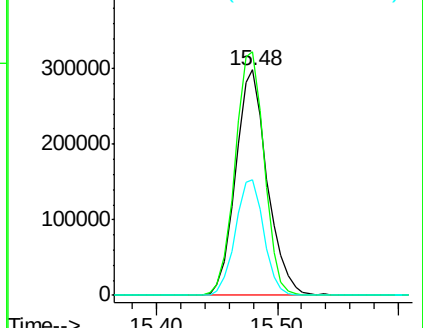
152 51.1 41.6 62.4



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

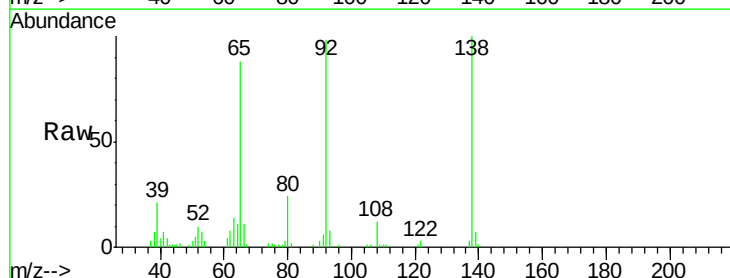
Tgt Ion:138 Resp: 37077

Ion Ratio Lower Upper

138 100

108 12.2 17.5 26.3#

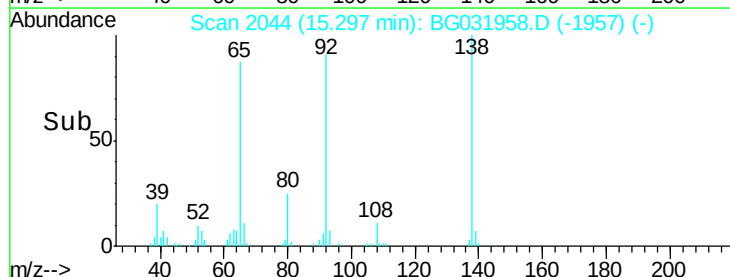
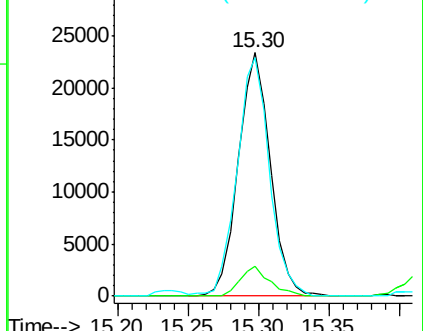
92 98.1 105.8 158.8#

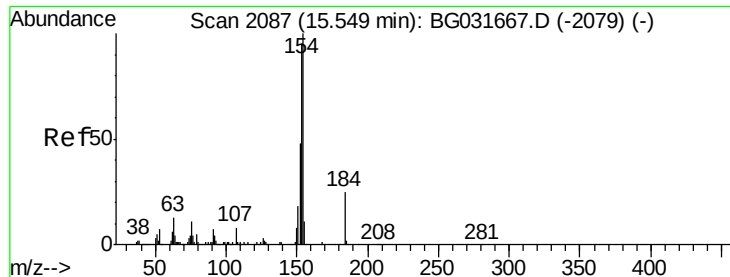


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

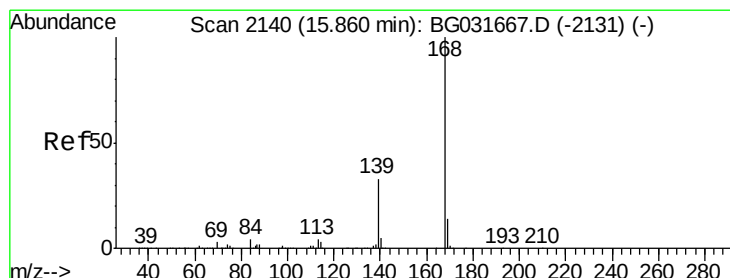
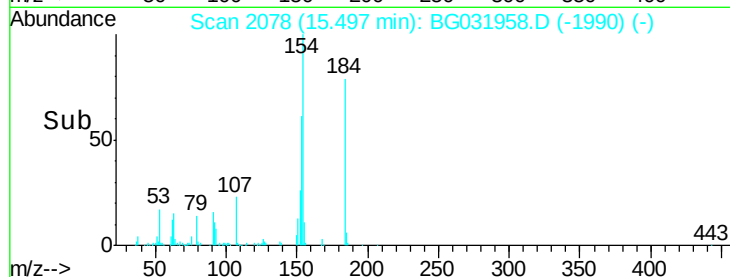
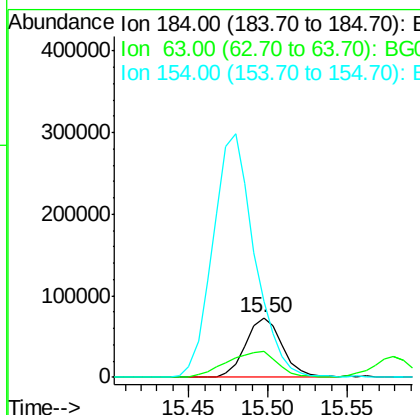
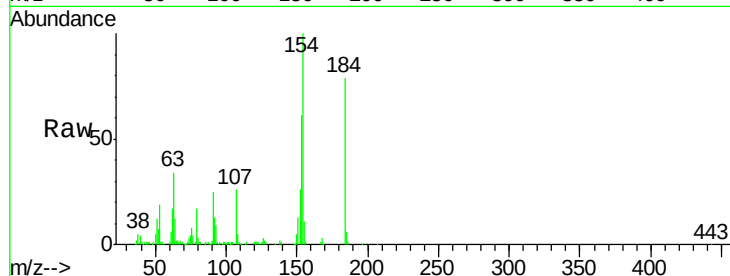




#53
 2,4-Dinitrophenol
 Concen: 85.339 ng
 RT: 15.50 min Scan# 2078
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

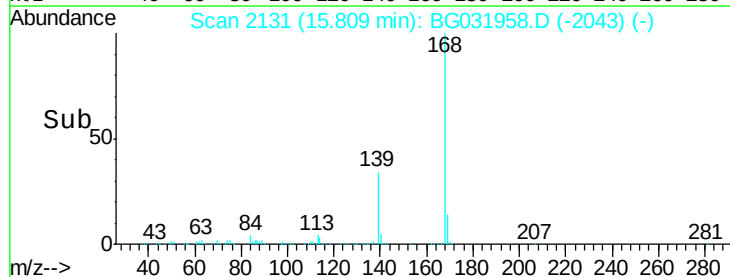
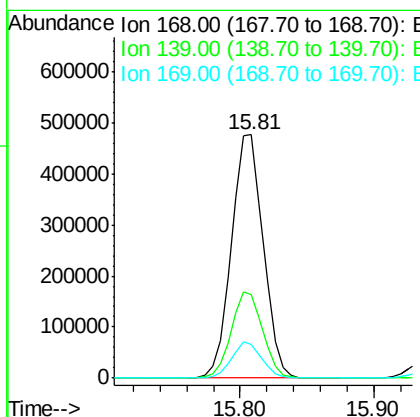
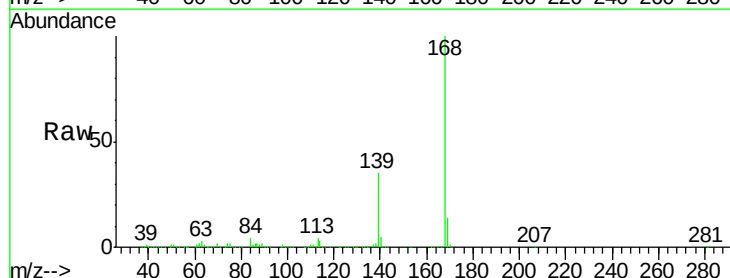
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

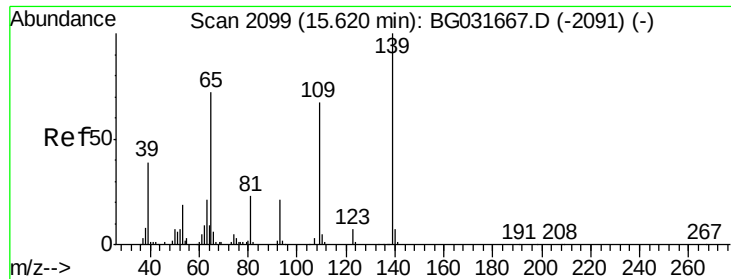
Tgt Ion:184 Resp: 117311
 Ion Ratio Lower Upper
 184 100
 63 42.8 59.8 89.8#
 154 126.2 101.8 152.8



#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

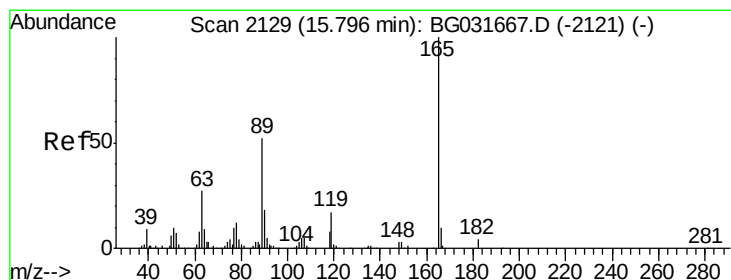
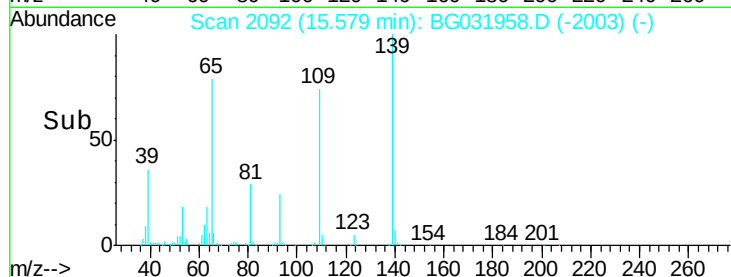
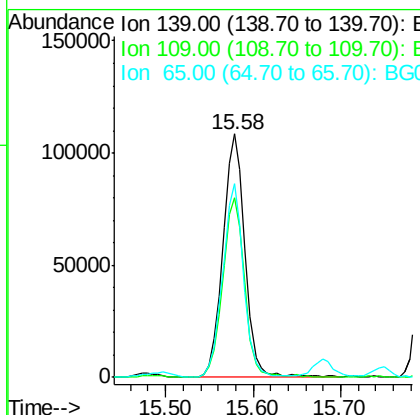
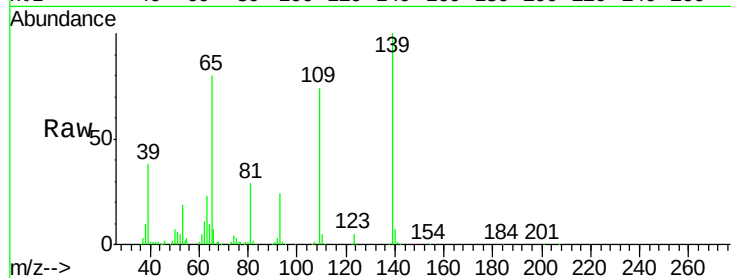




#55
4-Nitrophenol
Concen: 73.898 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

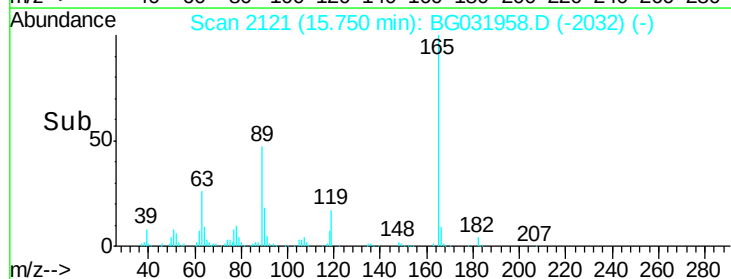
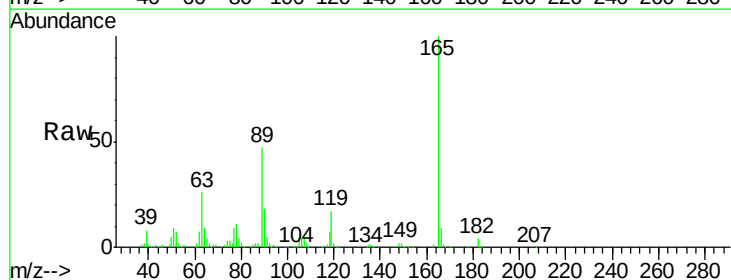
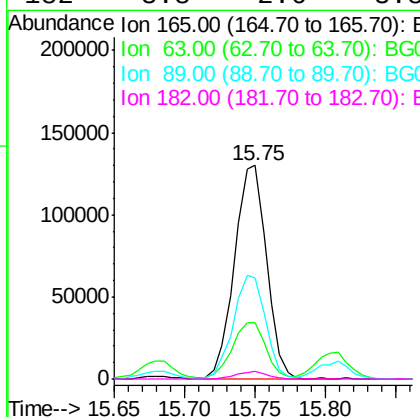
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

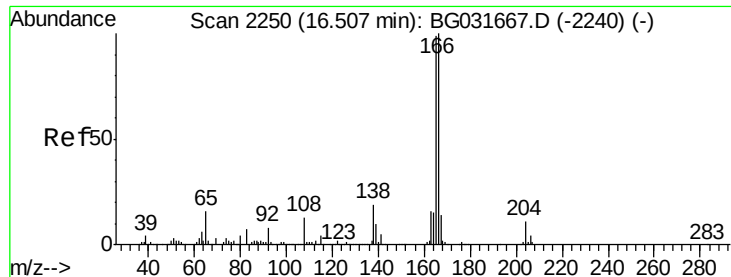
Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	62.2	102.2
65	79.7	97.2	137.2#



#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	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

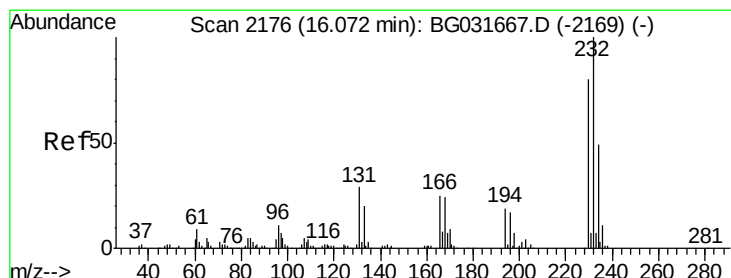
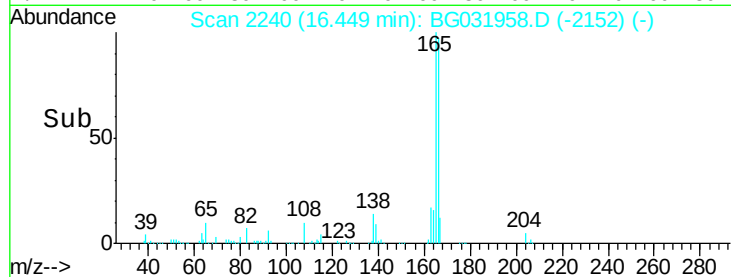
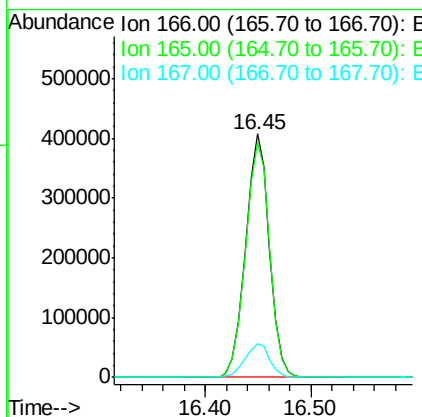
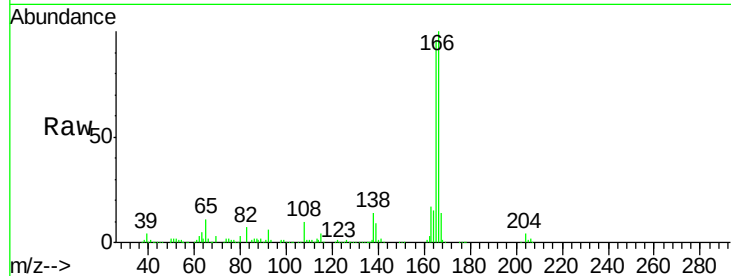




#57
Fluorene
Concen: 37.463 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

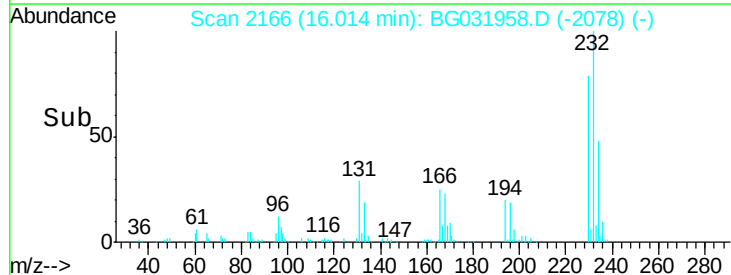
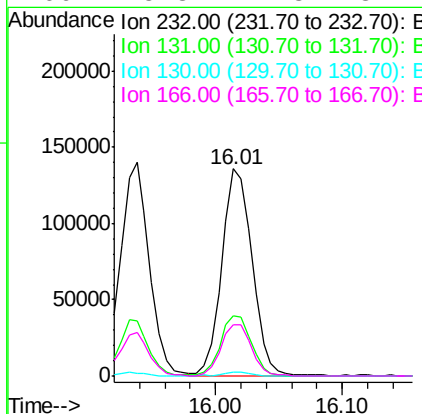
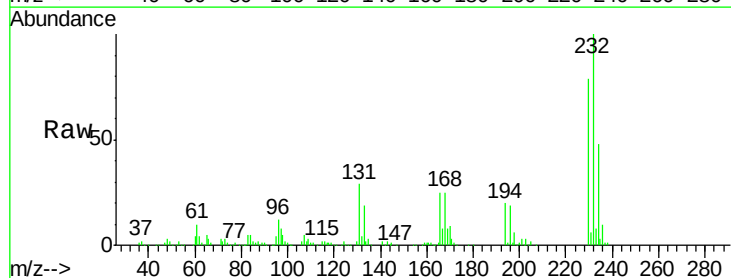
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

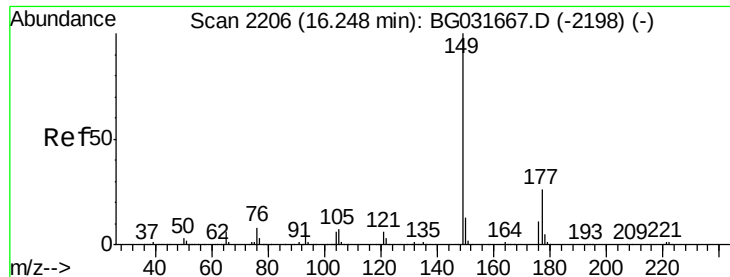
Tgt Ion:166 Resp: 631637
Ion Ratio Lower Upper
166 100
165 96.2 80.6 121.0
167 13.7 10.4 15.6



#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:232 Resp: 223371
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

ClientSampleId :

OR-03-010818MSD

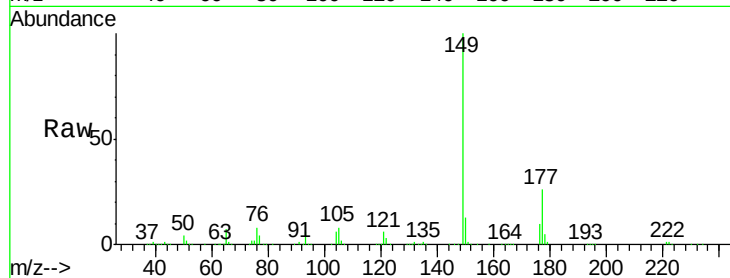
Tgt Ion:149 Resp: 626244

Ion Ratio Lower Upper

149 100

177 26.1 18.5 27.7

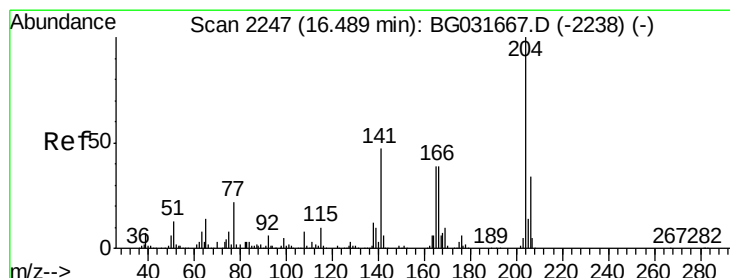
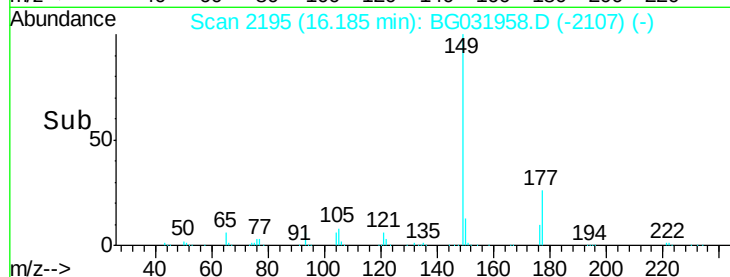
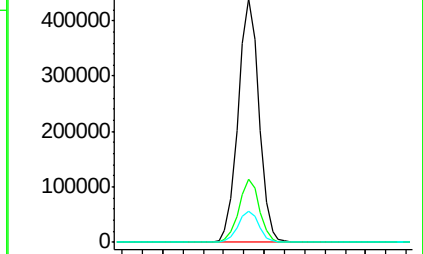
150 12.9 10.2 15.2



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

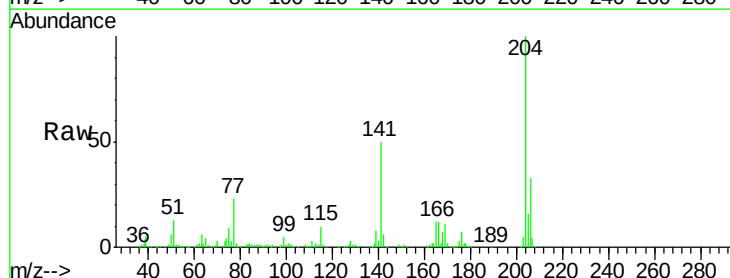
Tgt Ion:204 Resp: 384159

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

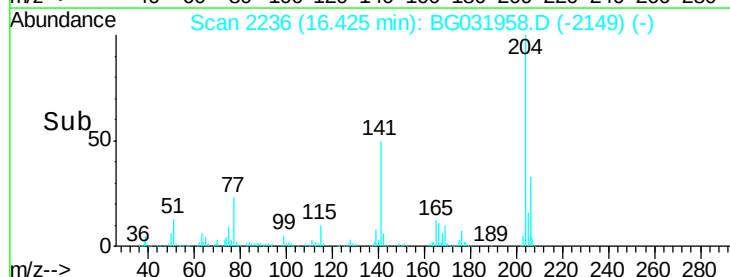
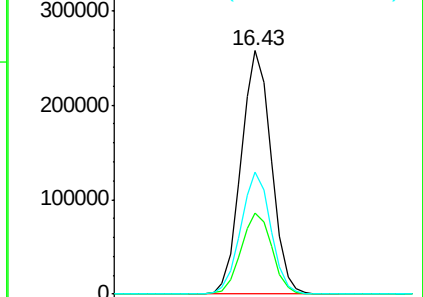
141 50.3 45.8 68.6

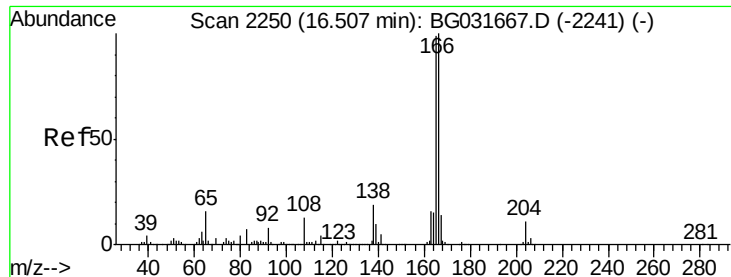


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

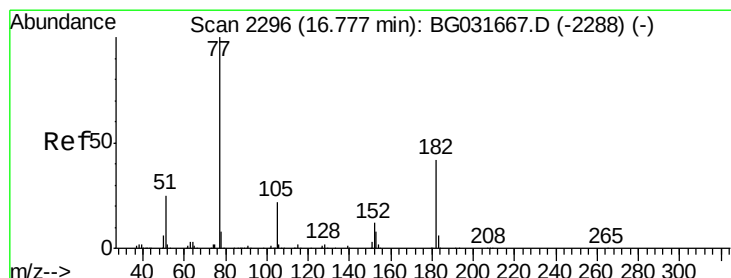
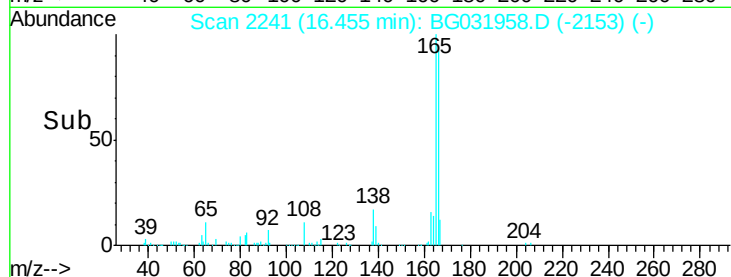
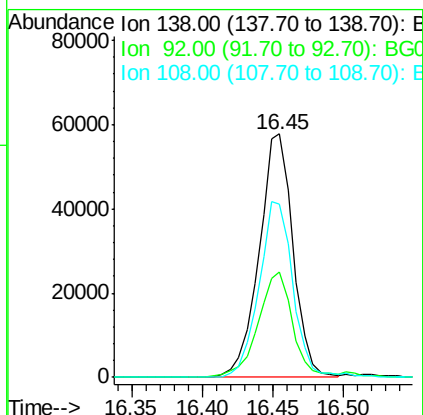
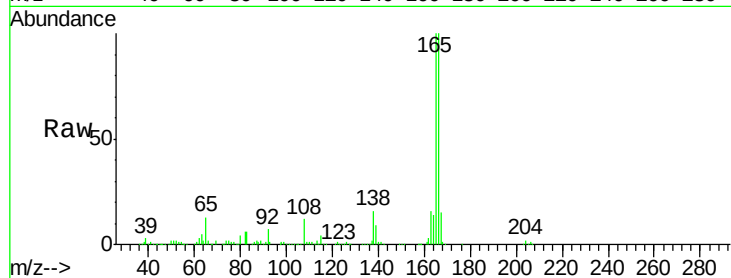




#61
4-Nitroaniline
Concen: 31.858 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

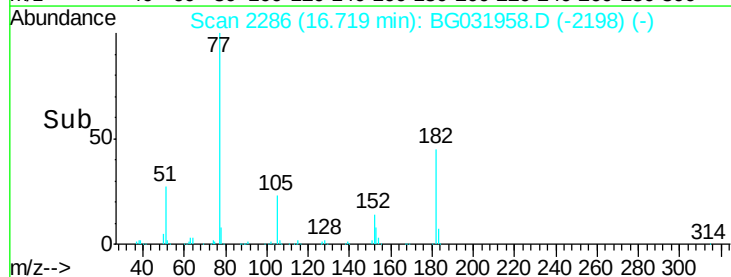
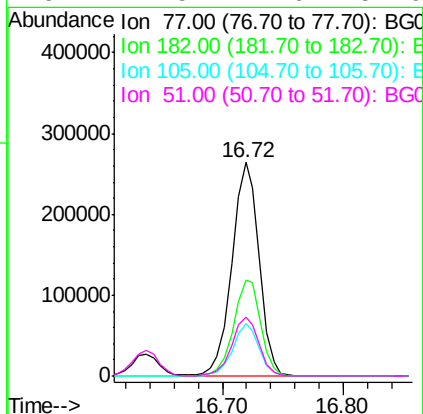
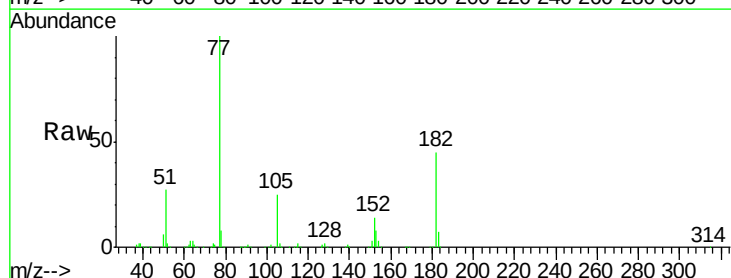
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

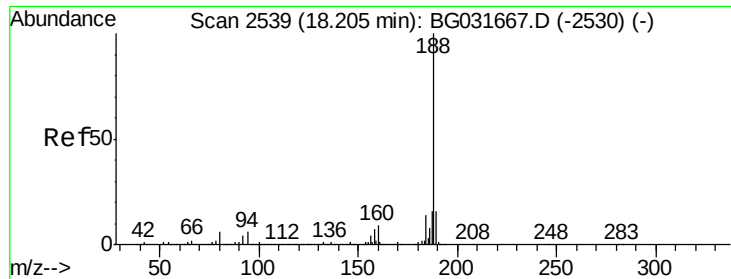
Tgt Ion:138 Resp: 97501
Ion Ratio Lower Upper
138 100
92 43.0 40.1 80.1
108 71.3 65.4 105.4



#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

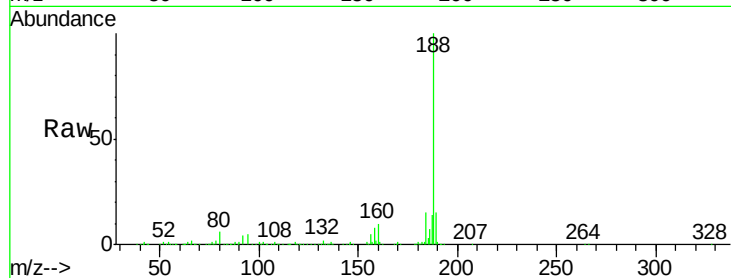




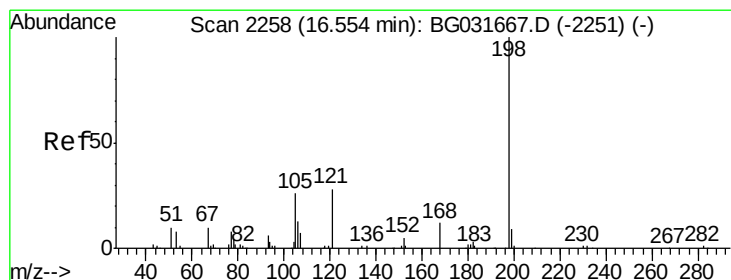
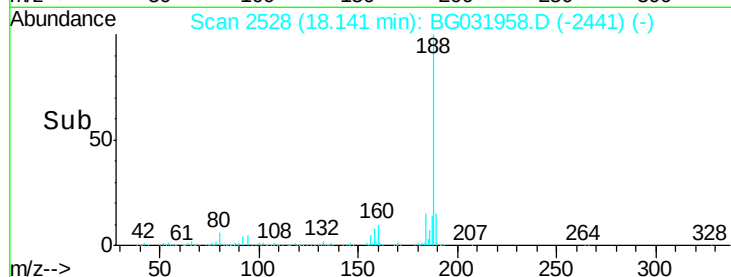
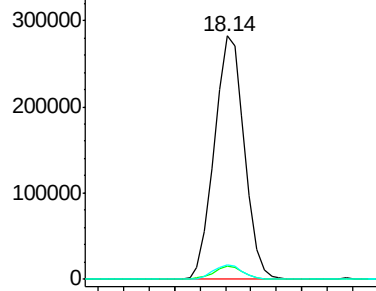
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

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

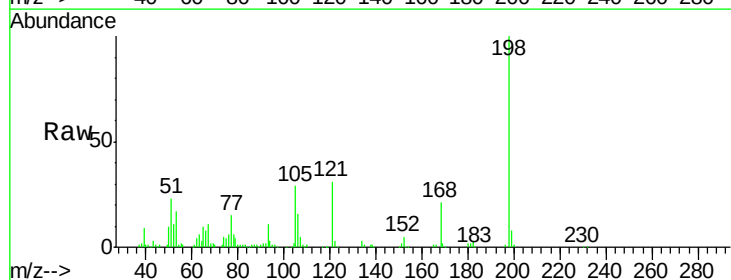


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

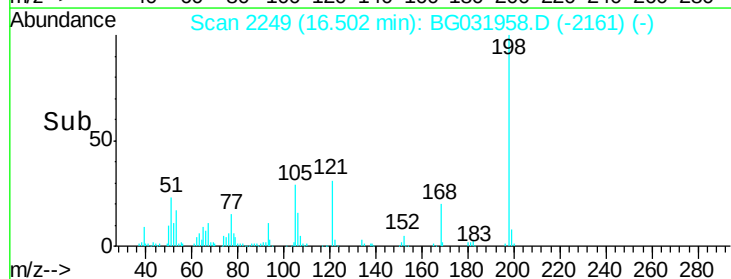
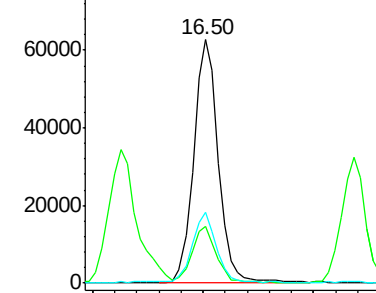


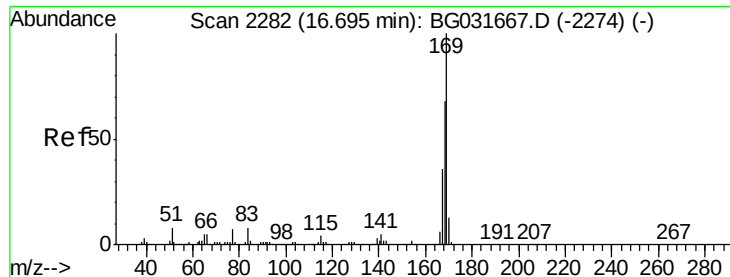
#64
4,6-Dinitro-2-methylphenol
Concen: 44.191 ng
RT: 16.50 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

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 :

OR-03-010818MSD

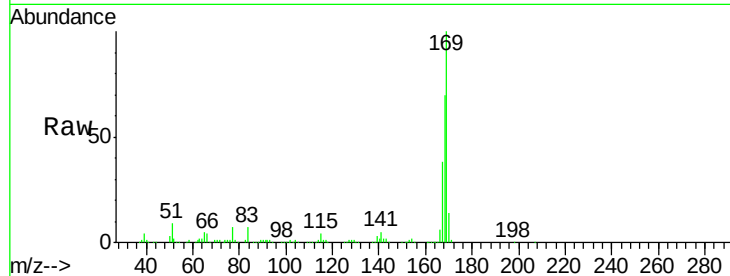
Tgt Ion:169 Resp: 585510

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

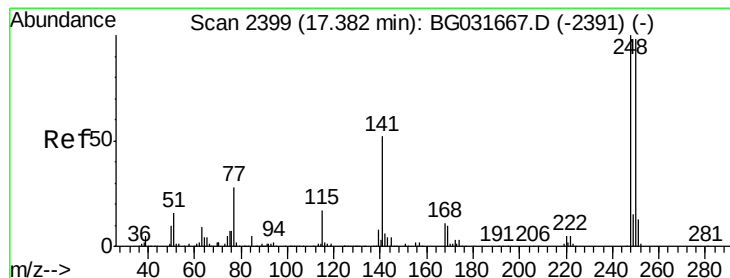
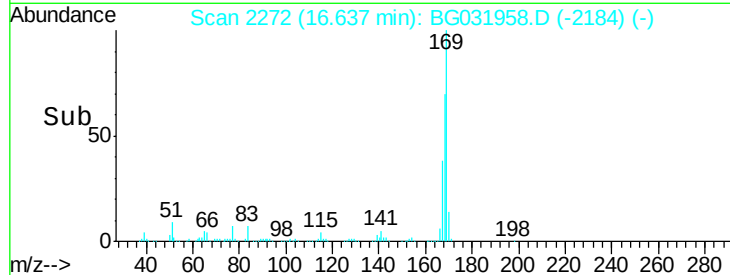
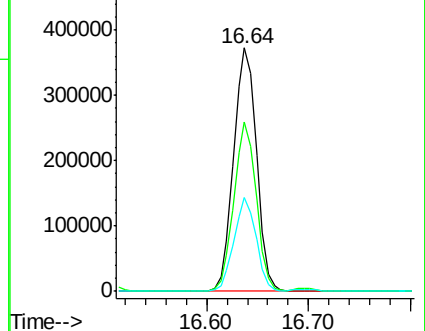
167 38.4 30.1 45.1



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



#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

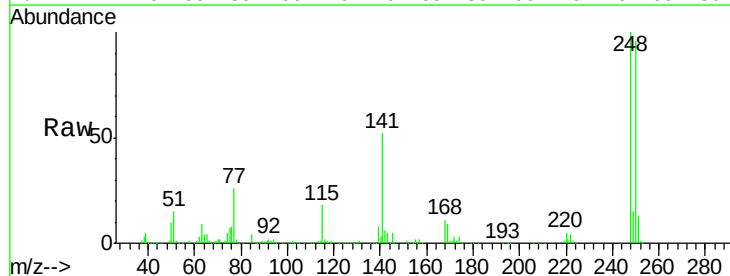
Tgt Ion:248 Resp: 276250

Ion Ratio Lower Upper

248 100

250 96.3 77.1 115.7

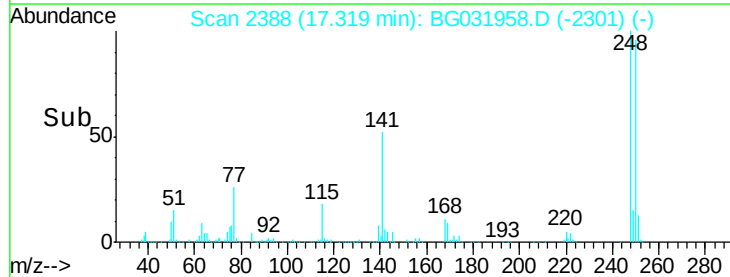
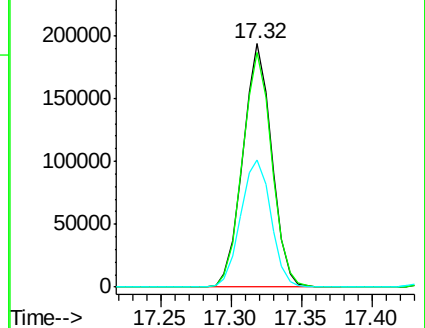
141 52.5 50.8 76.2

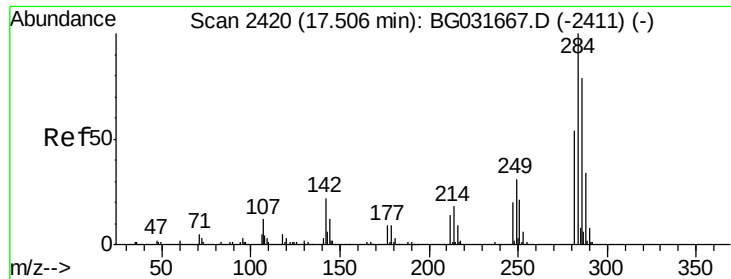


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

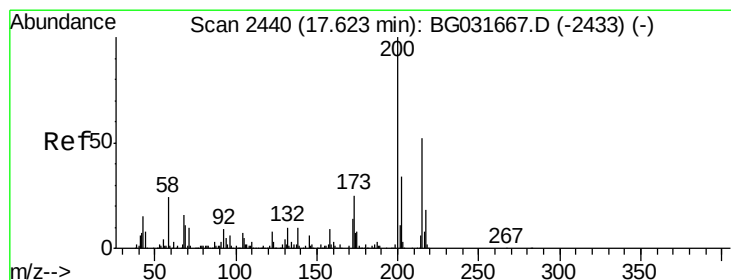
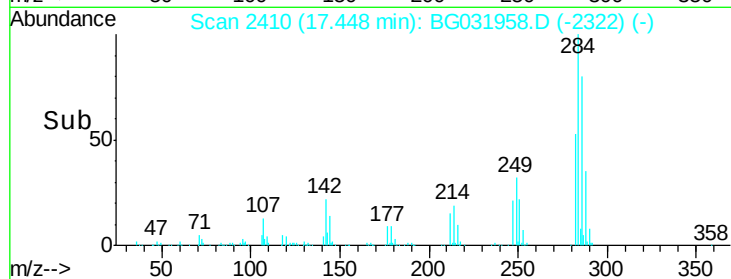
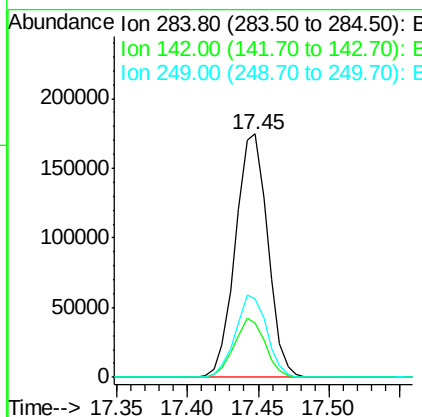
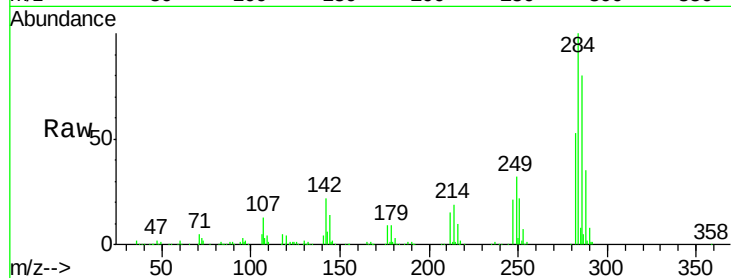




#67
Hexachlorobenzene
Concen: 40.690 ng
RT: 17.45 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

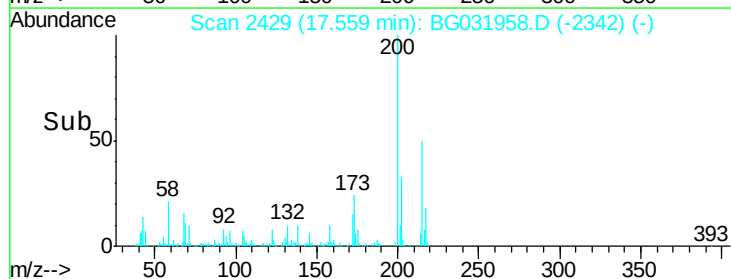
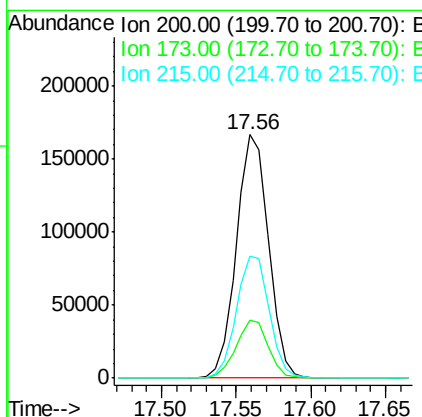
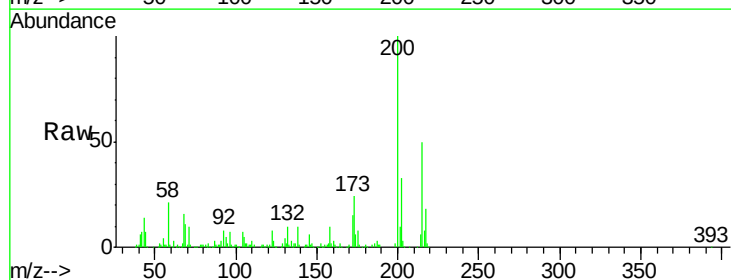
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

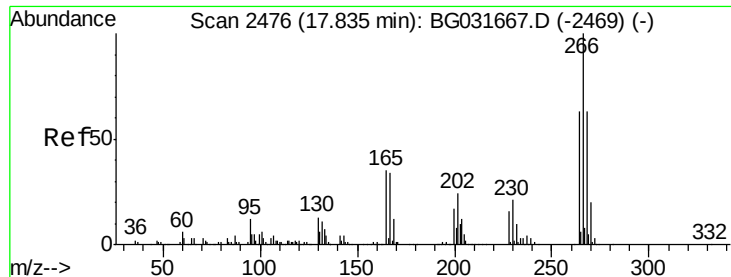
Tgt Ion:284 Resp: 278657
Ion Ratio Lower Upper
284 100
142 22.0 26.8 40.2#
249 32.1 26.3 39.5



#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

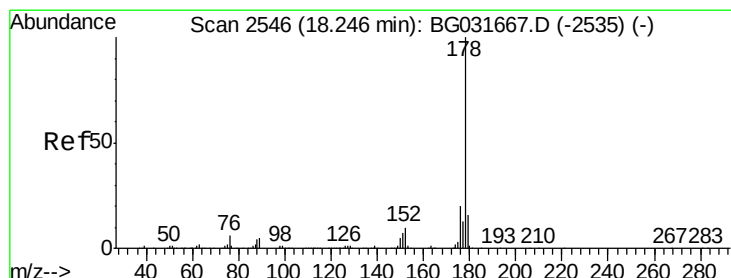
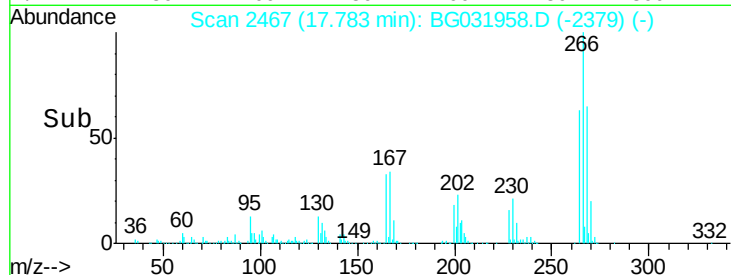
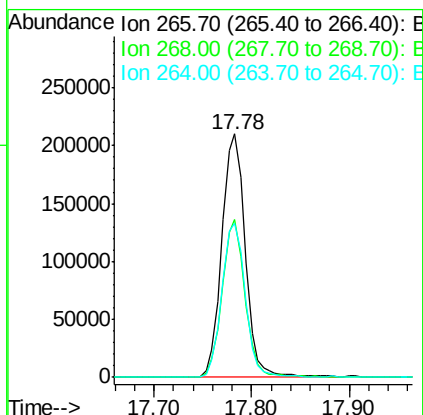
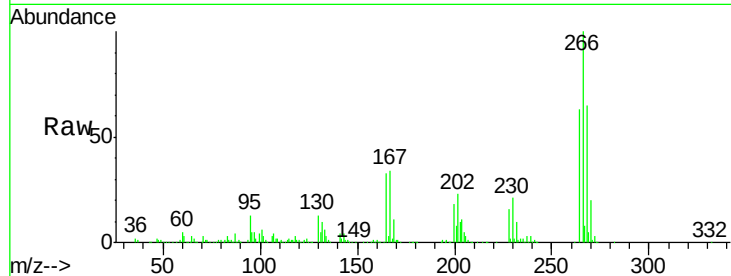




#69
 Pentachlorophenol
 Concen: 74.715 ng
 RT: 17.78 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

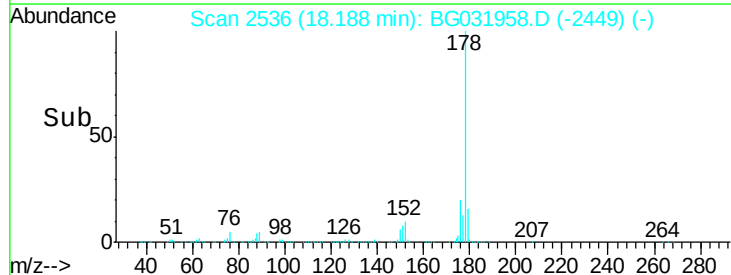
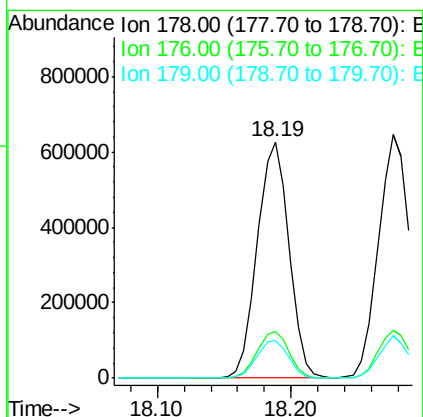
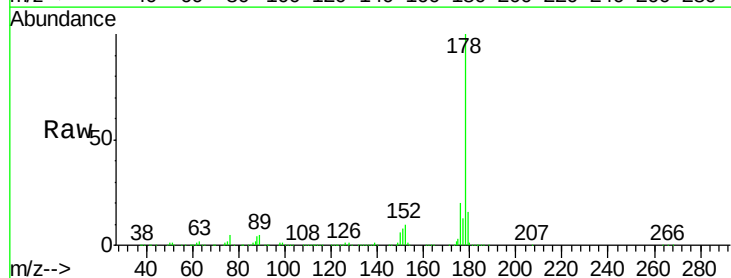
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

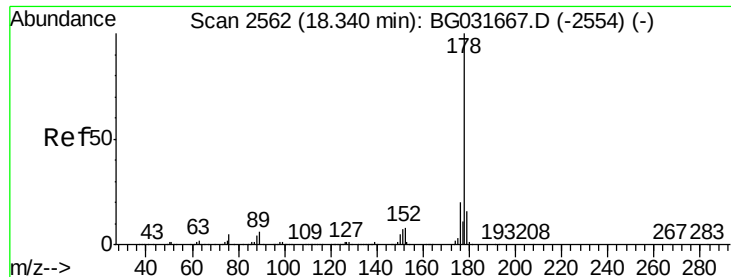
Tgt Ion:266 Resp: 351941
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.1 76.7
 264 63.0 49.6 74.4



#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

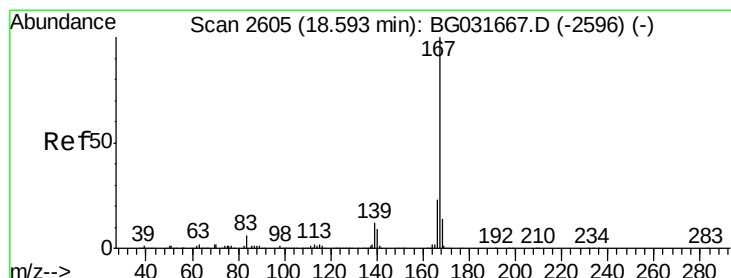
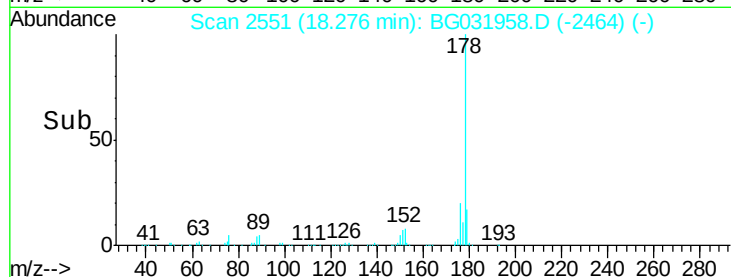
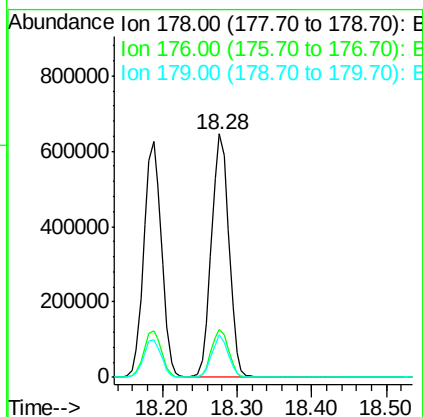
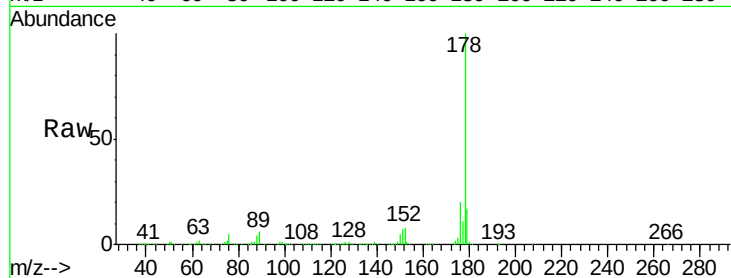




#71
 Anthracene
 Concen: 39.470 ng
 RT: 18.28 min Scan# 2551
 Delta R.T. -0.02 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

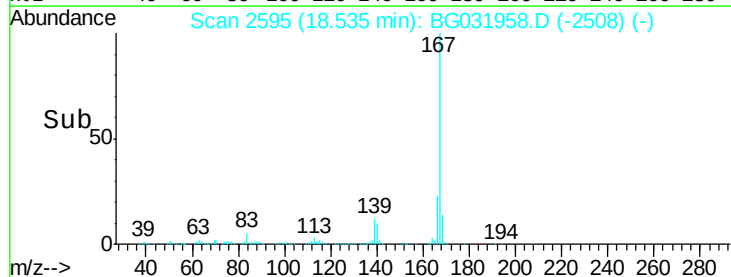
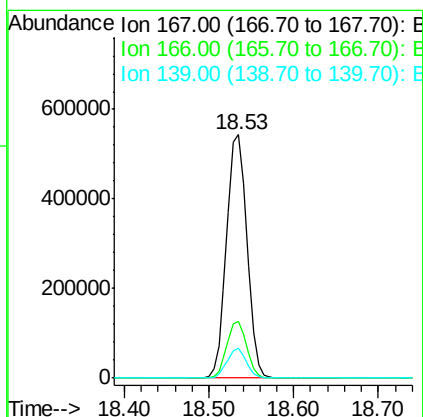
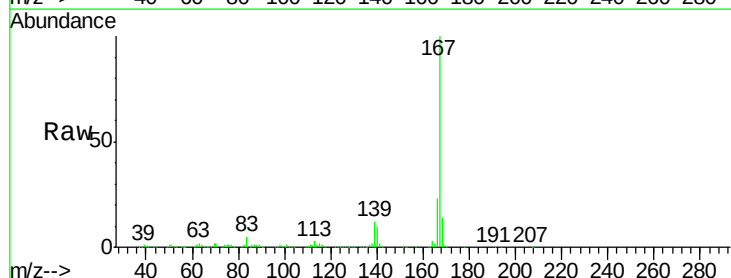
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

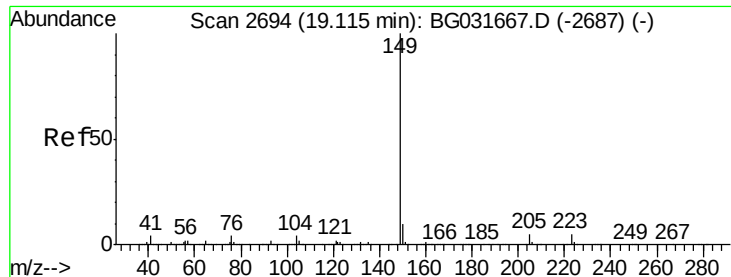
Tgt Ion:178 Resp: 1043860
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 17.3 12.5 18.7



#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 :

OR-03-010818MSD

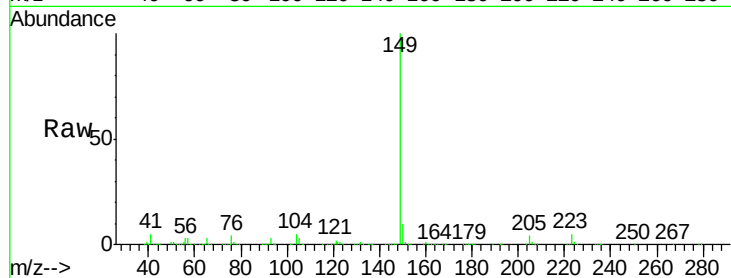
Tgt Ion:149 Resp: 996456

Ion Ratio Lower Upper

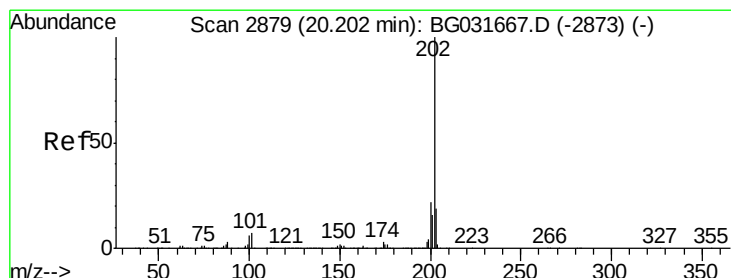
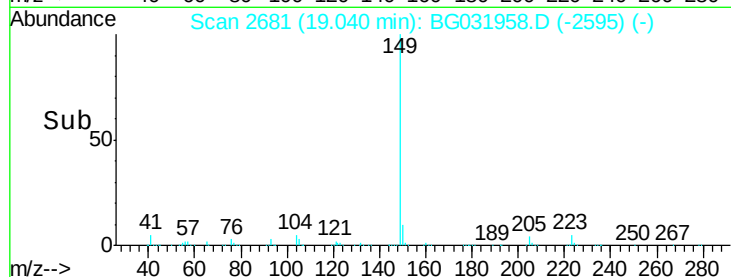
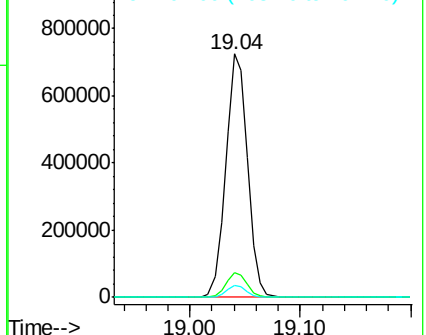
149 100

150 10.1 7.8 11.6

104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.371 ng

RT: 20.14 min Scan# 2869

Delta R.T. -0.02 min

Lab File: BG031958.D

Acq: 9 Jan 2018 22:41

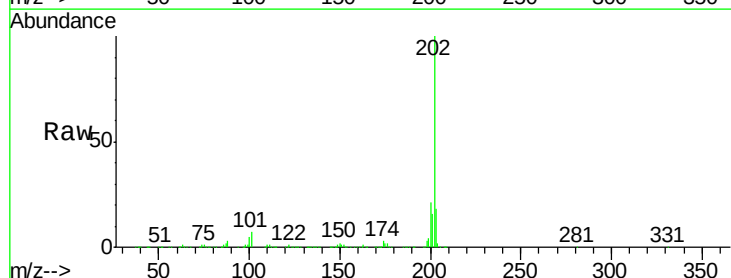
Tgt Ion:202 Resp: 1234362

Ion Ratio Lower Upper

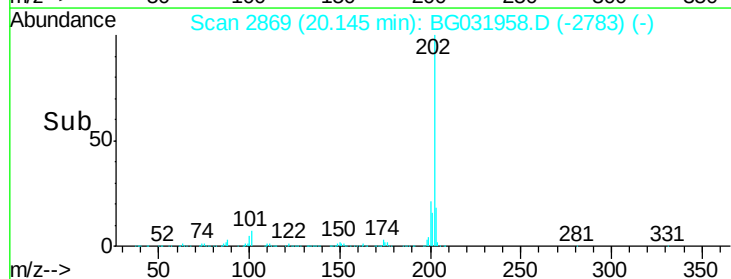
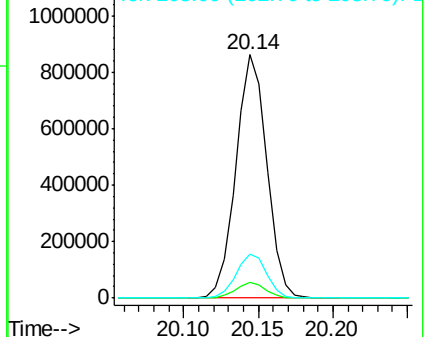
202 100

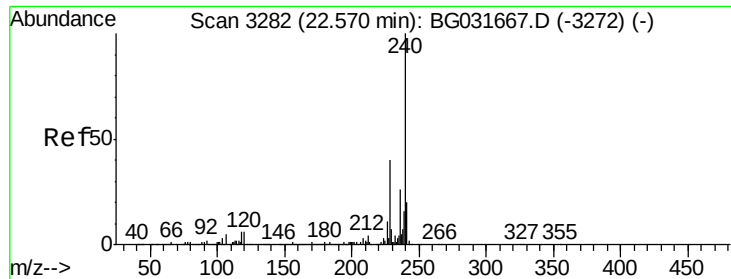
101 6.5 0.0 28.9

203 18.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

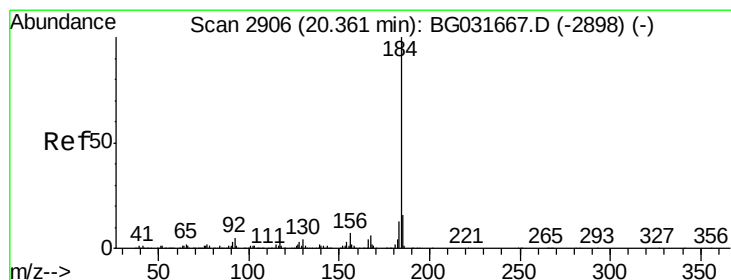
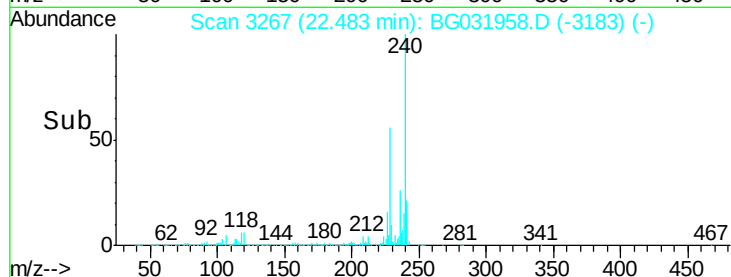
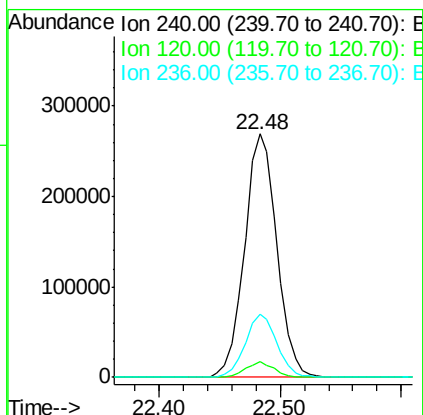
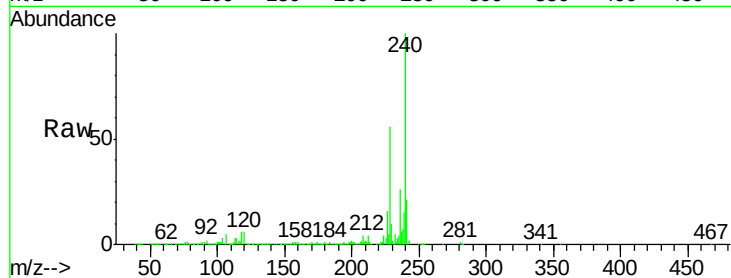




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.04 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

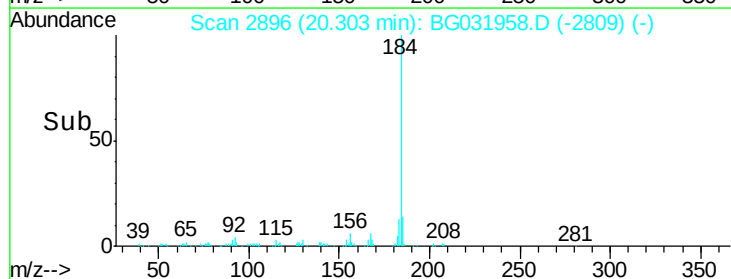
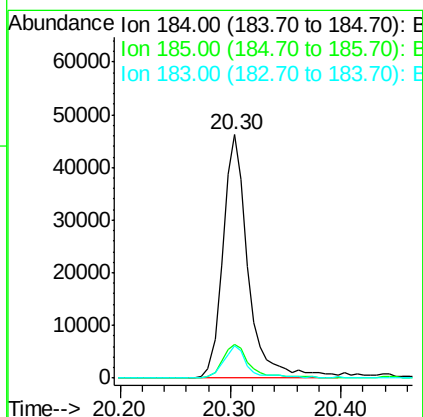
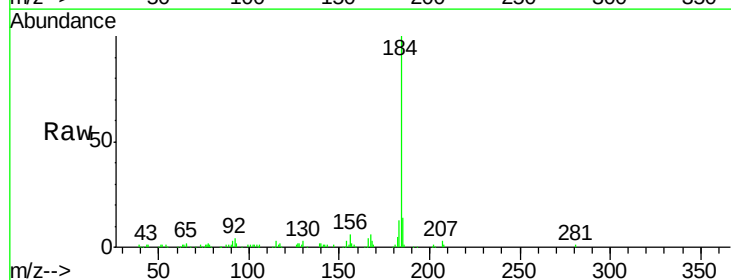
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

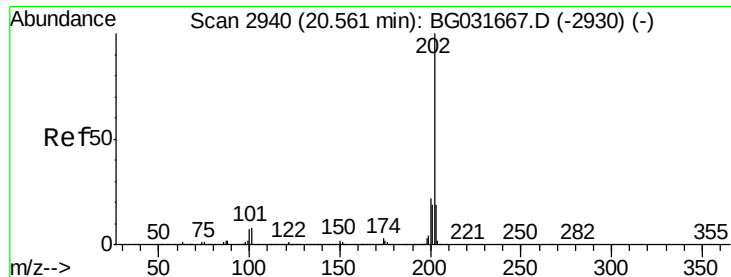
Tgt Ion: 240 Resp: 499432
 Ion Ratio Lower Upper
 240 100
 120 6.4 6.8 10.2#
 236 25.8 20.9 31.3



#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



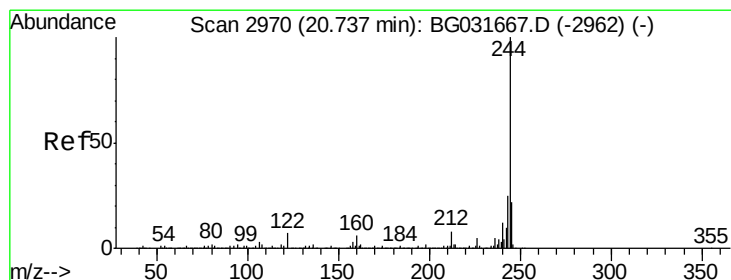
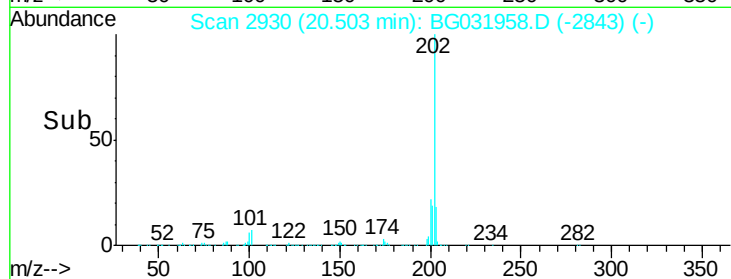
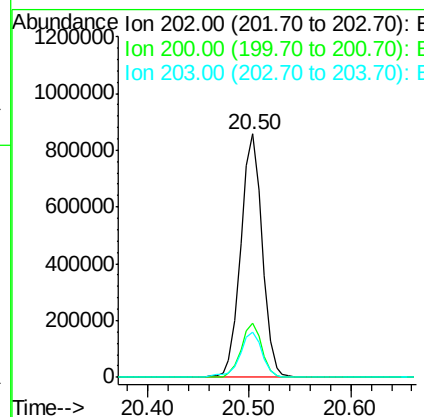
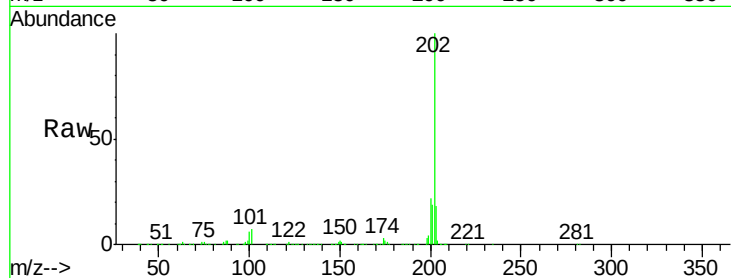


#77
 Pyrene
 Concen: 39.314 ng
 RT: 20.50 min Scan# 2930
 Delta R.T. -0.02 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

Tgt Ion: 202 Resp: 1254204

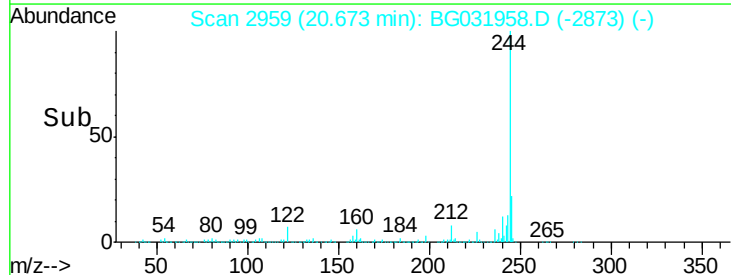
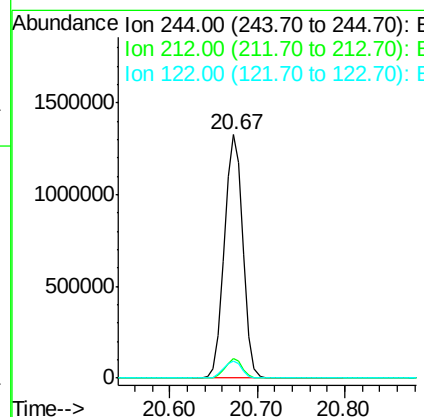
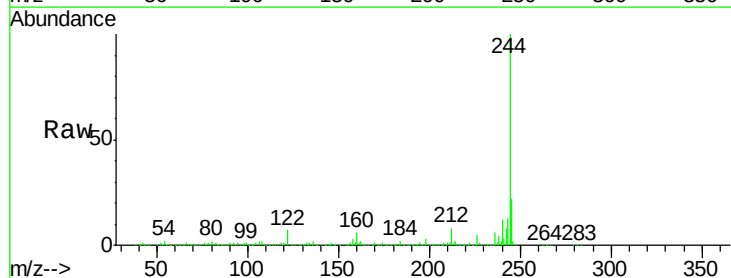
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.5	13.9	20.9

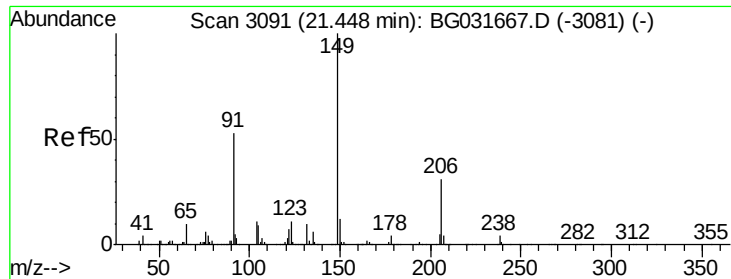


#78
 Terphenyl-d14
 Concen: 88.920 ng
 RT: 20.67 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

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

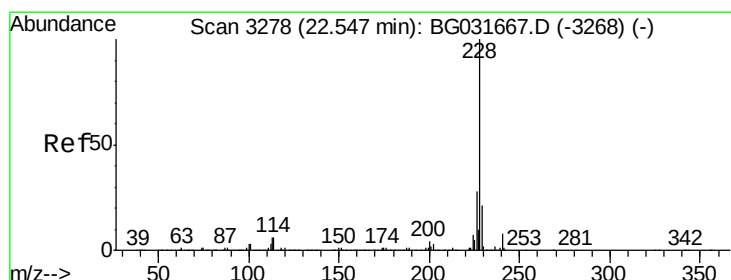
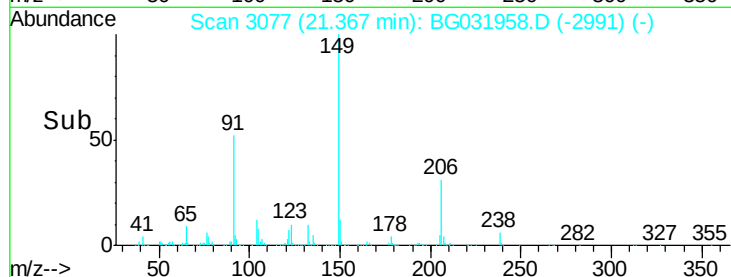
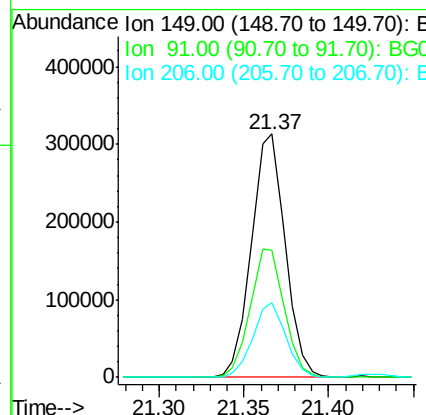
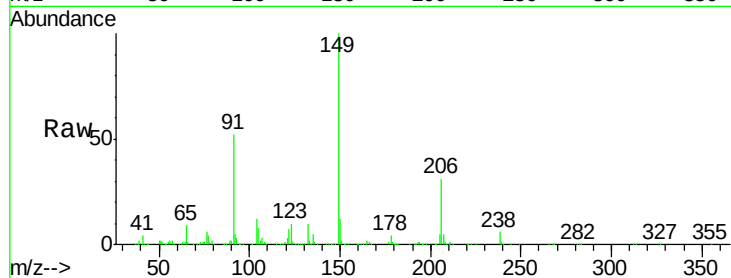




#79
Butylbenzylphthalate
Concen: 40.731 ng
RT: 21.37 min Scan# 3077
Delta R.T. -0.02 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

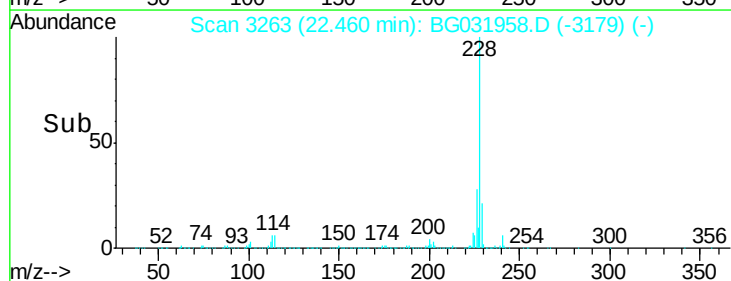
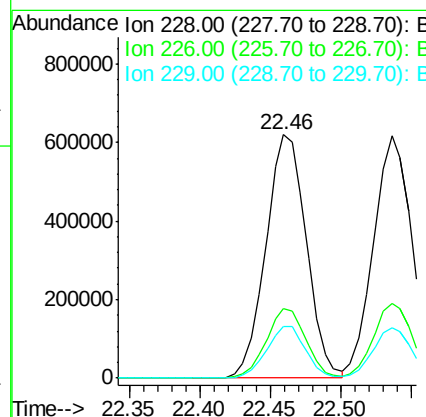
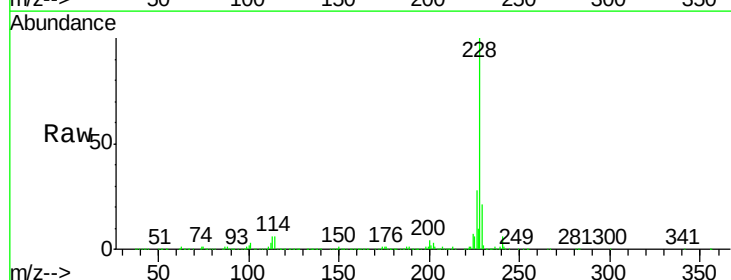
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

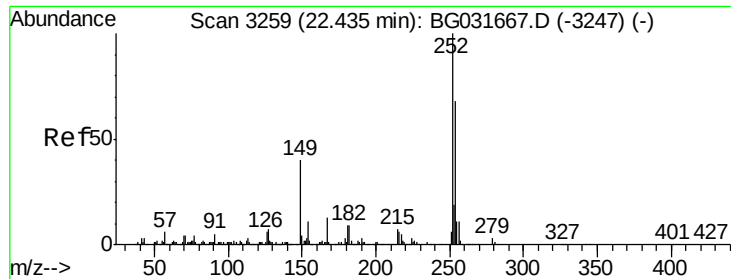
Tgt Ion:149 Resp: 436209
Ion Ratio Lower Upper
149 100
91 52.3 62.2 93.2#
206 30.7 18.6 27.8#



#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

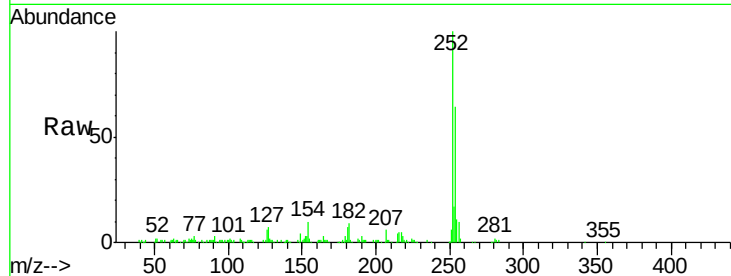




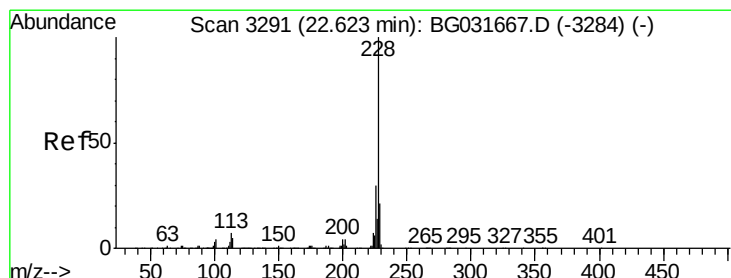
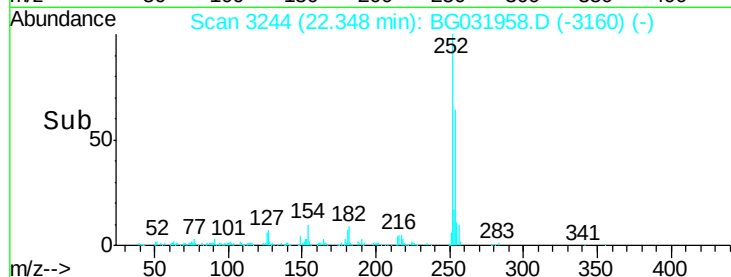
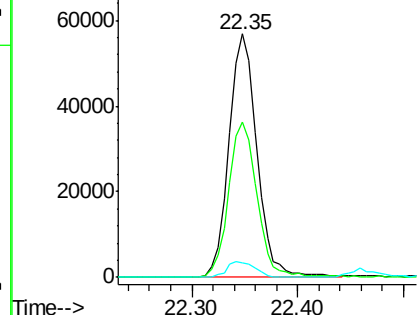
#81
 3,3'-Dichlorobenzidine
 Concen: 8.464 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.04 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

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

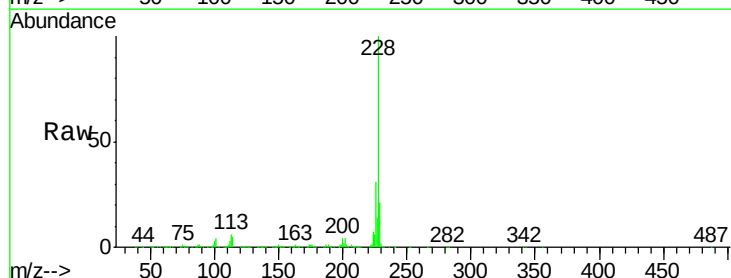


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

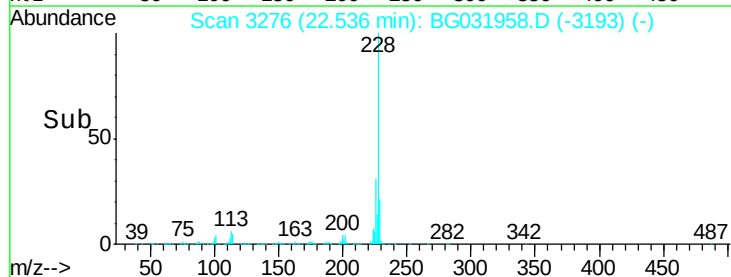
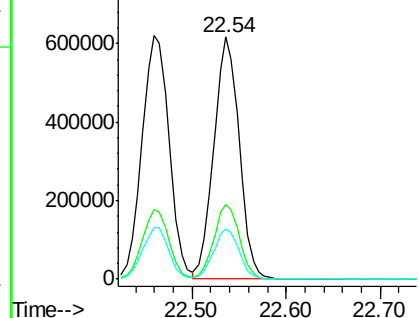


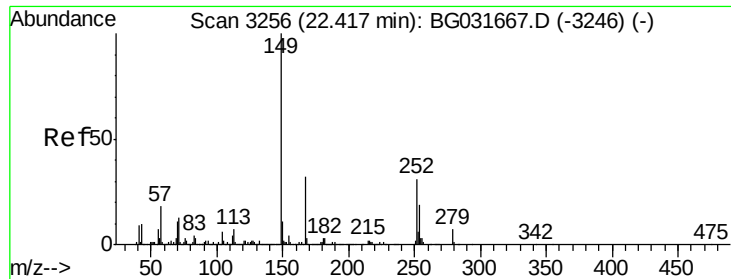
#82
 Chrysene
 Concen: 38.833 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. -0.04 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

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

ClientSampleId :

OR-03-010818MSD

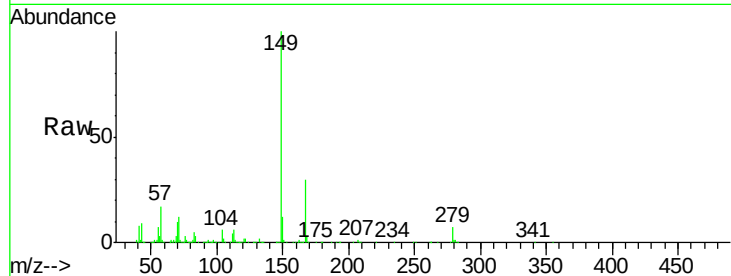
Tgt Ion:149 Resp: 592979

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

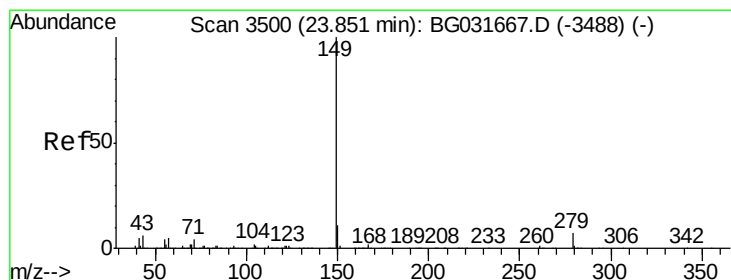
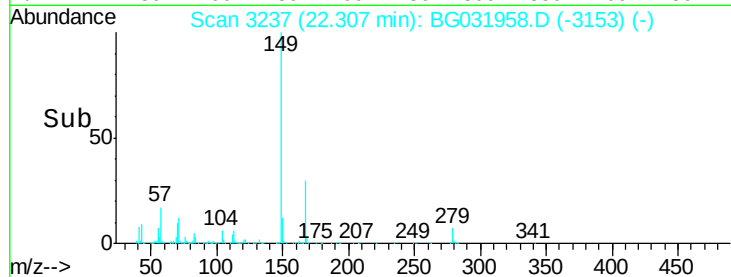
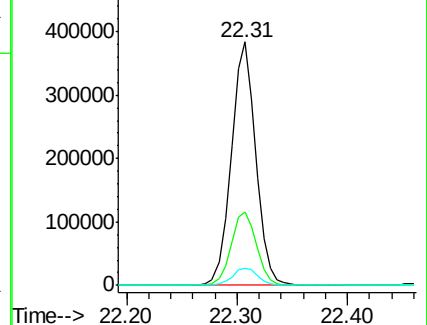
279 6.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 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

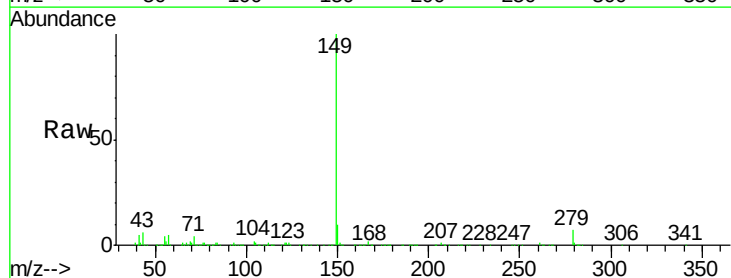
Tgt Ion:149 Resp: 991937

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

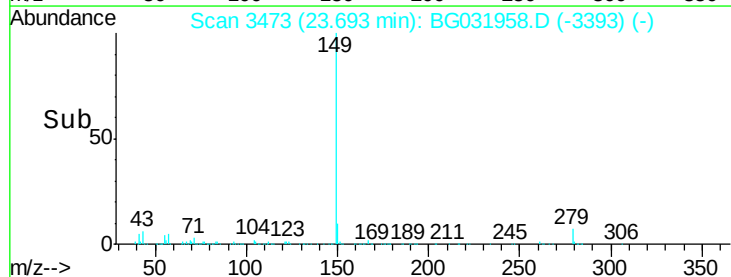
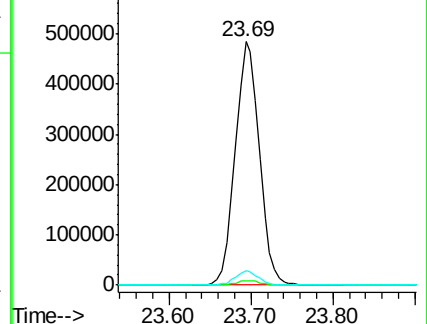
43 5.7 8.9 13.3#

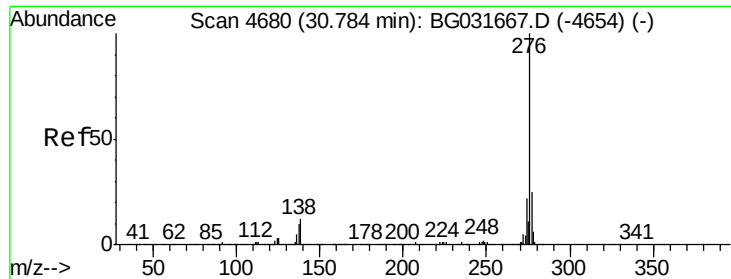


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

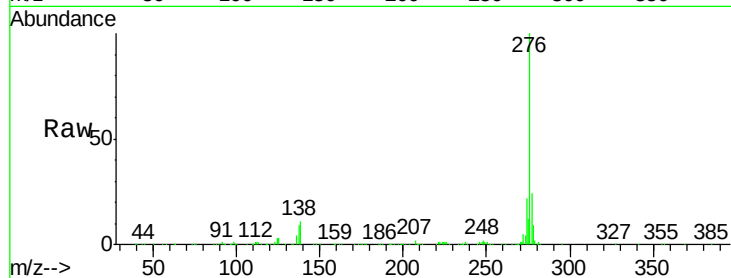




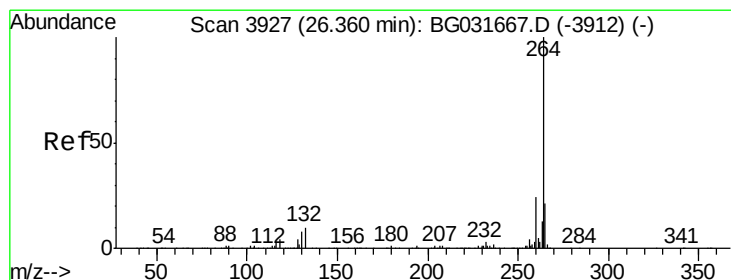
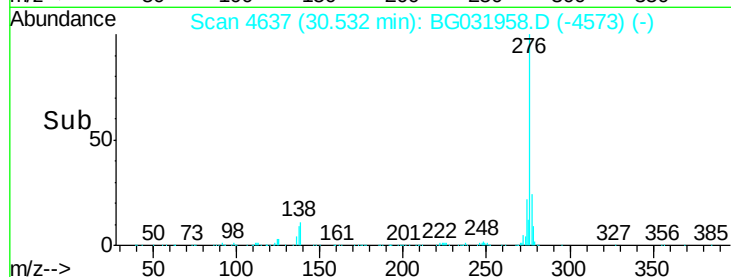
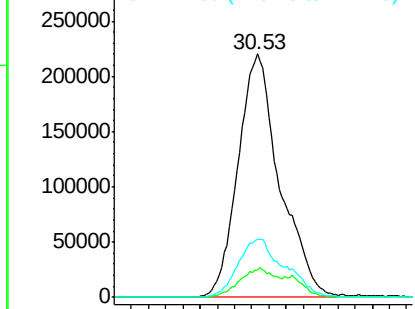
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.889 ng
 RT: 30.53 min Scan# 4637
 Delta R.T. -0.15 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-010818MSD

Tgt Ion:276 Resp: 1499681
 Ion Ratio Lower Upper
 276 100
 138 10.4 16.0 24.0#
 277 26.8 20.0 30.0

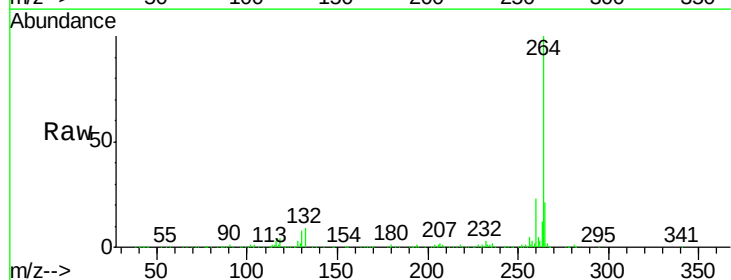


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

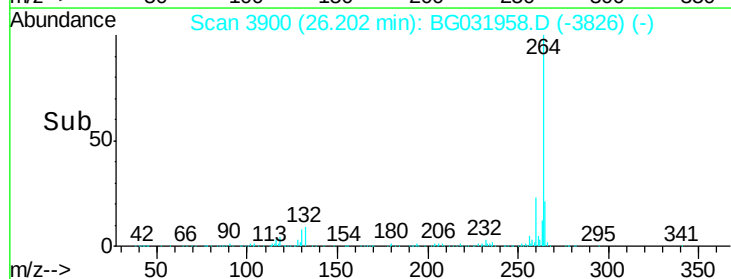
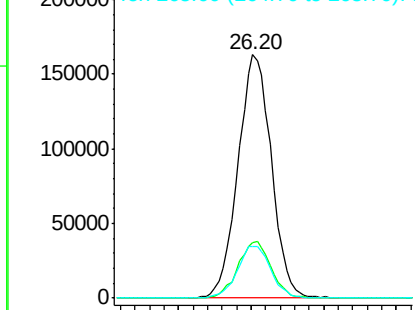


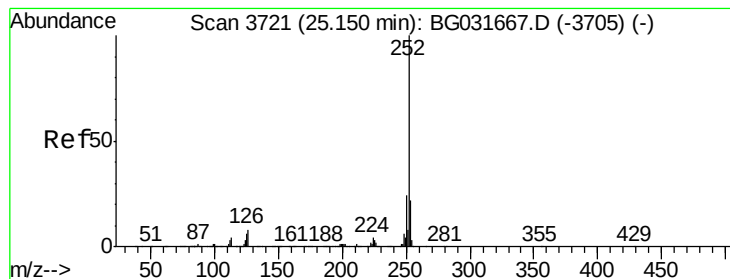
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.20 min Scan# 3900
 Delta R.T. -0.10 min
 Lab File: BG031958.D
 Acq: 9 Jan 2018 22:41

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 :

OR-03-010818MSD

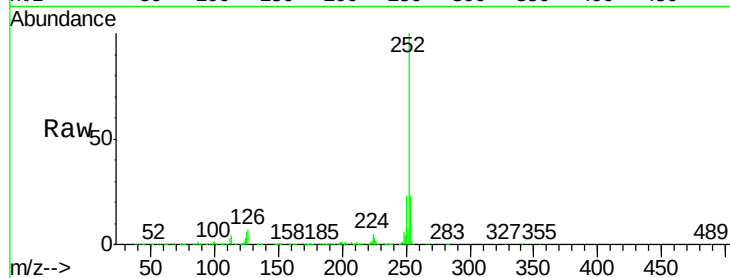
Tgt Ion:252 Resp: 1287238

Ion Ratio Lower Upper

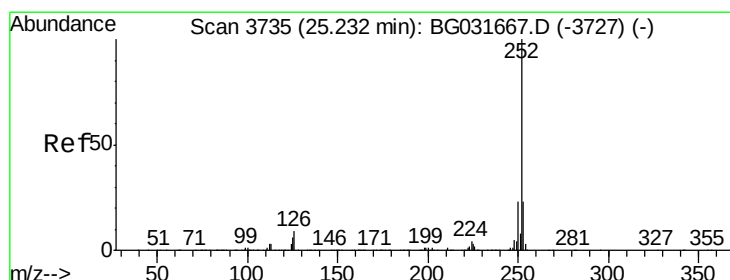
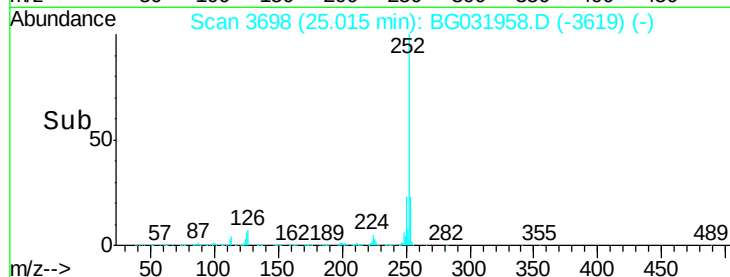
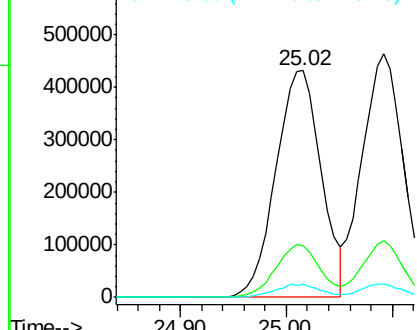
252 100

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

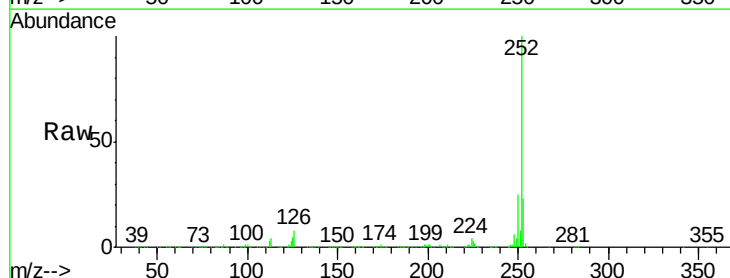
Tgt Ion:252 Resp: 1260546

Ion Ratio Lower Upper

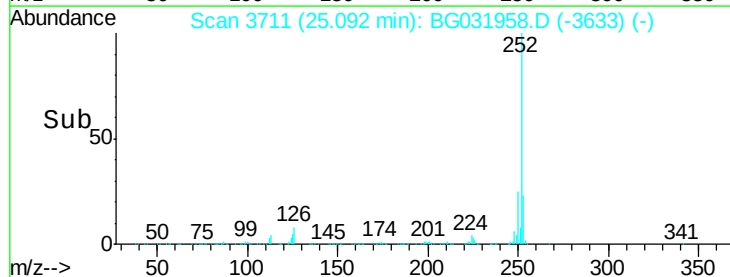
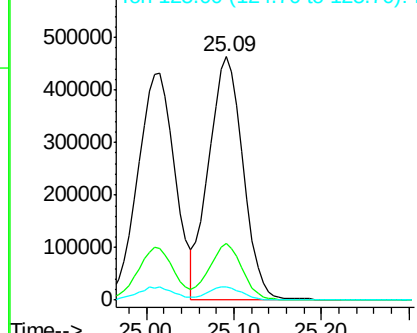
252 100

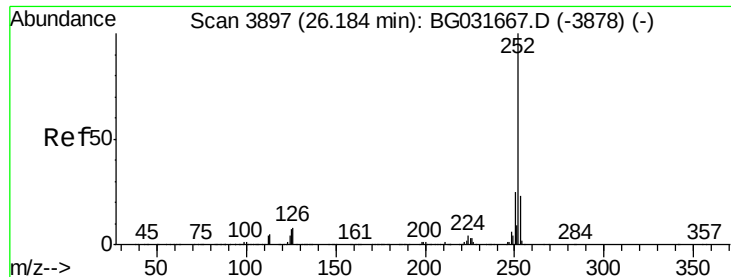
253 23.1 17.4 26.2

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

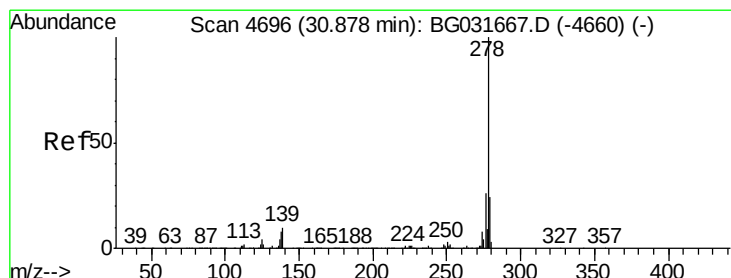
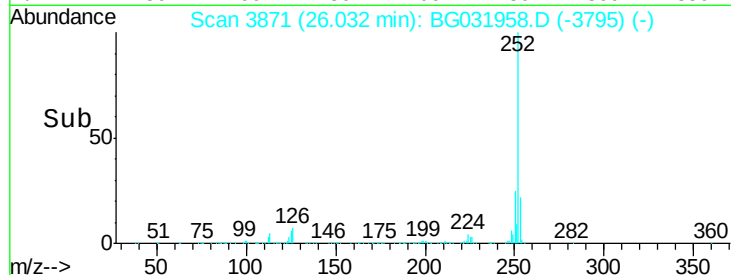
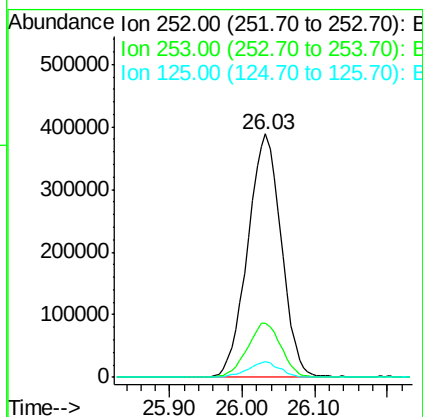
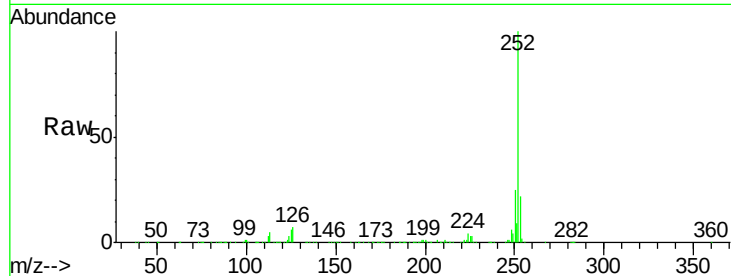




#89
Benzo(a)pyrene
Concen: 40.224 ng
RT: 26.03 min Scan# 3871
Delta R.T. -0.08 min
Lab File: BG031958.D
Acq: 9 Jan 2018 22:41

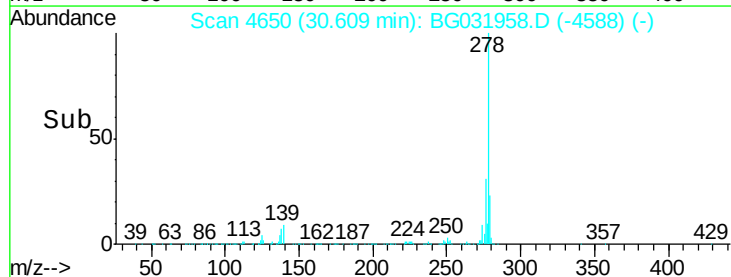
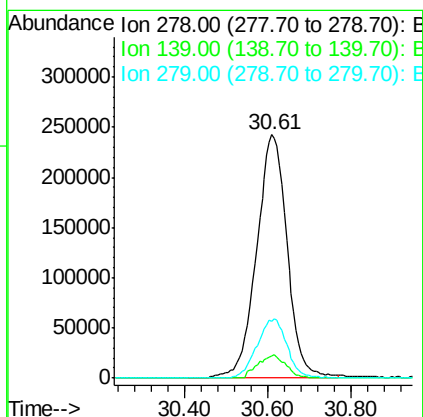
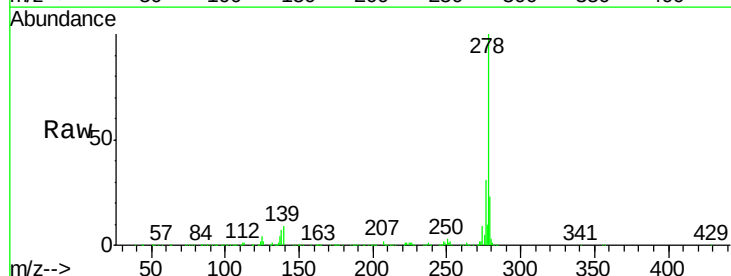
Instrument :
BNA_G
ClientSampleId :
OR-03-010818MSD

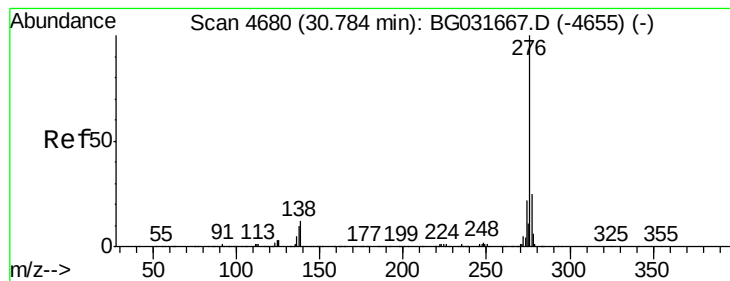
Tgt Ion:252 Resp: 1248848
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 6.5 7.3 10.9#



#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(g,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 :

OR-03-010818MSD

Tgt Ion:276 Resp: 1499681

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 11.1 13.9 20.9#

