

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040970.D
 Acq On : 31 May 2019 3:47
 Operator : HP/JU
 Sample : K3041-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 31 05:00:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	74060	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	274338	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	192091	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	494538	20.00	ng	0.00
76) Chrysene-d12	21.78	240	489287	20.00	ng	0.00
87) Perylene-d12	25.12	264	515676	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	510555	124.31	ng	0.00
7) Phenol-d6	7.27	99	671106	105.80	ng	0.00
23) Nitrobenzene-d5	9.30	82	550987	89.16	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	407981	143.06	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1141582	85.58	ng	0.00
79) Terphenyl-d14	20.09	244	2035503	88.29	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	59400	31.872	ng	# 43
3) Pyridine	3.95	79	144179	26.144	ng	96
4) n-Nitrosodimethylamine	3.86	42	102422	40.017	ng	85
6) Aniline	7.45	93	159891	18.885	ng	96
8) 2-Chlorophenol	7.68	128	199153	40.673	ng	96
9) Benzaldehyde	7.26	77	100458	26.549	ng	92
10) Phenol	7.30	94	233371	34.314	ng	95
11) bis(2-Chloroethyl)ether	7.54	93	195149	39.554	ng	99
12) 1,3-Dichlorobenzene	8.01	146	209326	35.794	ng	96
13) 1,4-Dichlorobenzene	8.16	146	213260	36.026	ng	98
14) 1,2-Dichlorobenzene	8.48	146	204167	35.522	ng	99
15) Benzyl Alcohol	8.36	79	236237	40.262	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	311300	38.613	ng	99
17) 2-Methylphenol	8.56	107	184607	37.490	ng	98
18) Hexachloroethane	9.21	117	80442	35.258	ng	90
19) n-Nitroso-di-n-propylamine	8.93	70	185794	38.062	ng	98
20) 3+4-Methylphenols	8.89	107	250914	36.786	ng	97
22) Acetophenone	8.96	105	350290	45.518	ng	# 96
24) Nitrobenzene	9.35	77	284961	45.249	ng	98
25) Isophorone	9.86	82	531427	45.188	ng	98
26) 2-Nitrophenol	10.06	139	122290	47.103	ng	93
27) 2,4-Dimethylphenol	10.10	122	201536	47.002	ng	91
28) bis(2-Chloroethoxy)methane	10.34	93	276922	43.628	ng	98
29) 2,4-Dichlorophenol	10.59	162	236579	43.449	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	257964	41.647	ng	97
31) Naphthalene	11.00	128	632524	42.943	ng	97
32) Benzoic acid	10.23	122	116242	37.090	ng	96
33) 4-Chloroaniline	11.11	127	64400	9.423	ng	97
34) Hexachlorobutadiene	11.26	225	188803	39.836	ng	98
35) Caprolactam	11.94	113	26922	14.973	ng	96
36) 4-Chloro-3-methylphenol	12.21	107	264461	42.528	ng	96
37) 2-Methylnaphthalene	12.59	142	476550	42.008	ng	98
38) 1-Methylnaphthalene	12.81	142	456141	42.669	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	342971	44.298	ng	# 99

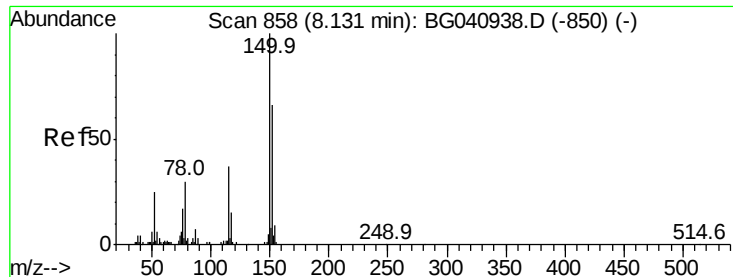
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
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 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	396876	93.779	ng	98
43) 2,4,6-Trichlorophenol	13.19	196	228318	45.585	ng	98
44) 2,4,5-Trichlorophenol	13.26	196	240219	45.477	ng	96
46) 1,1'-Biphenyl	13.59	154	646173	45.444	ng	99
47) 2-Chloronaphthalene	13.64	162	533511	43.706	ng	99
48) 2-Nitroaniline	13.85	65	198097	45.236	ng	100
49) Acenaphthylene	14.48	152	832131	45.294	ng	99
50) Dimethylphthalate	14.20	163	725827	44.637	ng	99
51) 2,6-Dinitrotoluene	14.33	165	159655	45.539	ng	97
52) Acenaphthene	14.82	154	489271	43.961	ng	100
53) 3-Nitroaniline	14.67	138	107158	30.566	ng	96
54) 2,4-Dinitrophenol	14.87	184	192666	96.761	ng	95
55) Dibenzofuran	15.15	168	839998	44.854	ng	99
56) 4-Nitrophenol	14.96	139	222770	92.641	ng	95
57) 2,4-Dinitrotoluene	15.12	165	232455	46.938	ng	# 95
58) Fluorene	15.80	166	660142	44.263	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	250945	48.341	ng	98
60) Diethylphthalate	15.56	149	744460	44.862	ng	100
61) 4-Chlorophenyl-phenylether	15.79	204	425104	43.853	ng	98
62) 4-Nitroaniline	15.83	138	152964	41.213	ng	98
63) Azobenzene	16.08	77	676396	44.847	ng	98
65) 4,6-Dinitro-2-methylphenol	15.87	198	133729	50.022	ng	92
66) n-Nitrosodiphenylamine	16.00	169	614611	44.210	ng	99
67) 4-Bromophenyl-phenylether	16.68	248	277556	41.588	ng	95
68) Hexachlorobenzene	16.79	284	291273	40.985	ng	98
69) Atrazine	16.94	200	272167	50.738	ng	97
70) Pentachlorophenol	17.14	266	356079	92.811	ng	96
71) Phenanthrene	17.54	178	1126087	43.715	ng	99
72) Anthracene	17.64	178	1153437	45.400	ng	98
73) Carbazole	17.91	167	1013225	46.479	ng	100
74) Di-n-butylphthalate	18.43	149	1204485	44.456	ng	97
75) Fluoranthene	19.55	202	1455351	45.740	ng	97
77) Benzidine	19.73	184	28914	2.477	ng	99
78) Pyrene	19.90	202	1453582	45.700	ng	99
80) Butylbenzylphthalate	20.77	149	562810	45.469	ng	97
81) Benzo(a)anthracene	21.76	228	1397567	42.910	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	359975	31.423	ng	97
83) Chrysene	21.83	228	1378663	44.233	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	756575	43.420	ng	99
85) Di-n-octyl phthalate	22.88	149	1272354	43.845	ng	99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1680683	44.020	ng	100
88) Benzo(b)fluoranthene	24.05	252	1451810	46.417	ng	100
89) Benzo(k)fluoranthene	24.12	252	1385868	44.776	ng	98
90) Benzo(a)pyrene	24.97	252	1382521	46.330	ng	96
91) Dibenzo(a,h)anthracene	29.03	278	1385902	46.479	ng	99
92) Benzo(g,h,i)perylene	30.18	276	1393936	48.119	ng	99

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

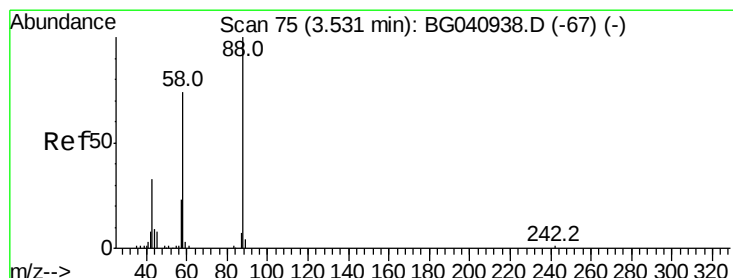
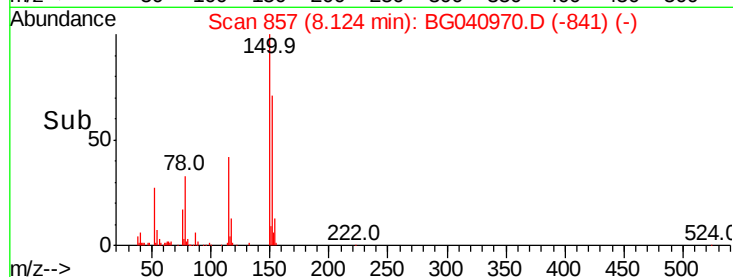
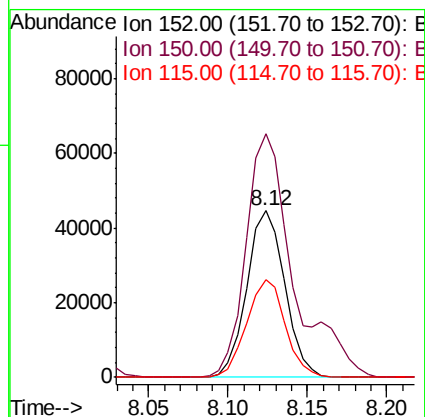
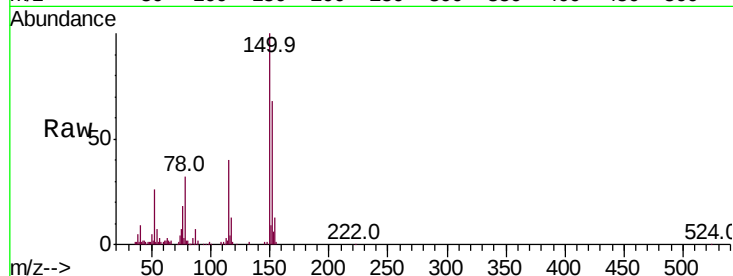


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 857
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :

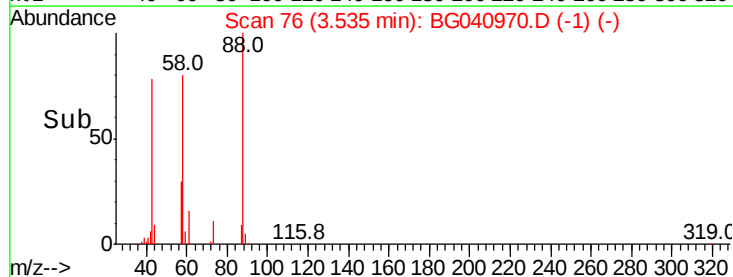
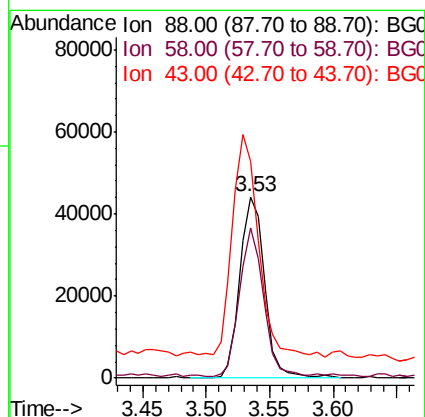
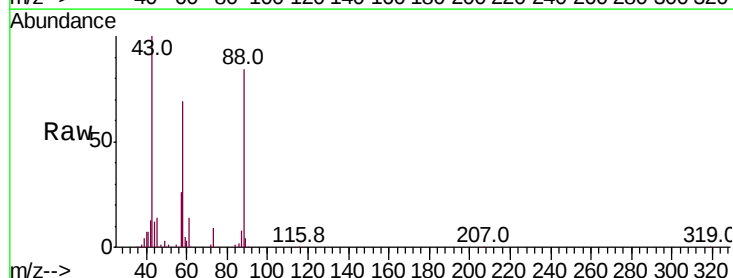
Tot Ion:152 Resp: 74060
Ion Ratio Lower Upper
152 100
150 146.2 120.6 180.8
115 59.0 45.1 67.7

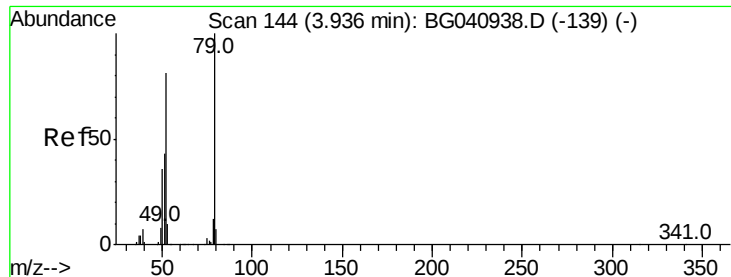


#2

1,4-Dioxane
Concen: 31.872 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion: 88 Resp: 59400
Ion Ratio Lower Upper
88 100
58 78.8 59.0 88.6
43 130.2 27.2 40.8#





#3

Pvridine

Concen: 26.144 ng

RT: 3.95 min Scan# 146

Delta R.T. 0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

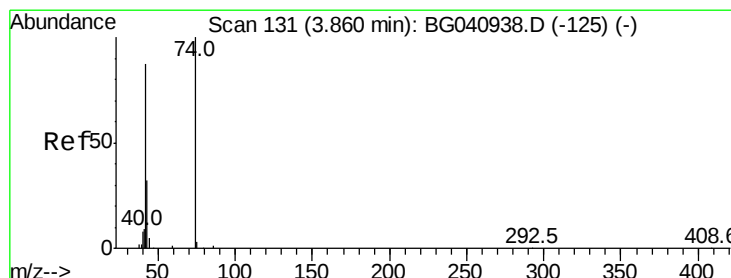
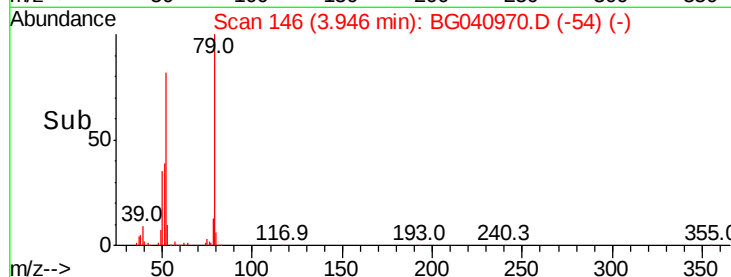
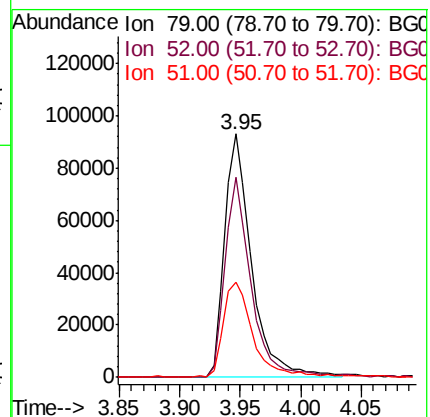
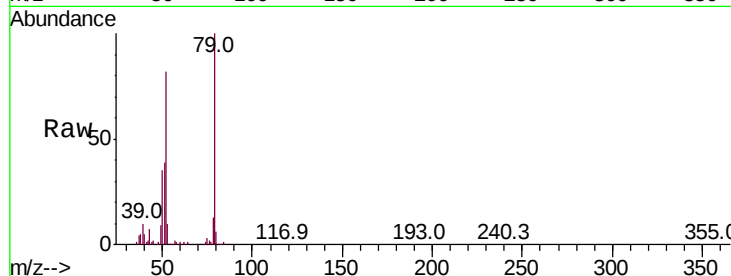
Tot Ion: 79 Resp: 144179

Ion Ratio Lower Upper

79 100

52 82.3 64.8 97.2

51 38.9 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 40.017 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

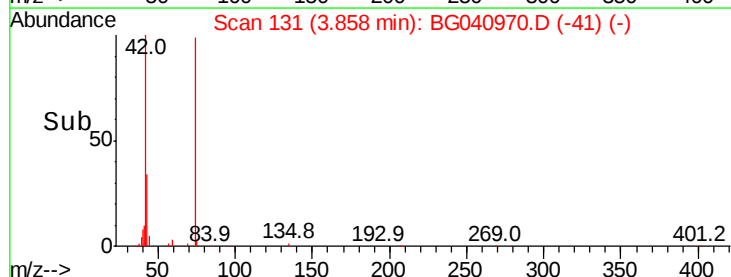
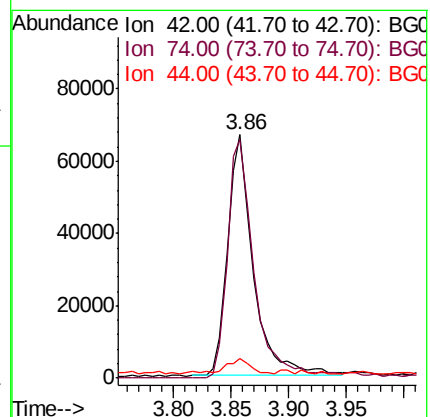
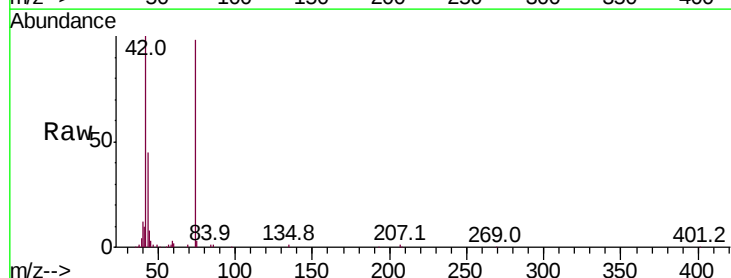
Tgt Ion: 42 Resp: 102422

Ion Ratio Lower Upper

42 100

74 97.8 91.8 137.6

44 8.1 6.0 9.0





#5

2-Fluorophenol

Concen: 124.310 ng

RT: 5.66 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

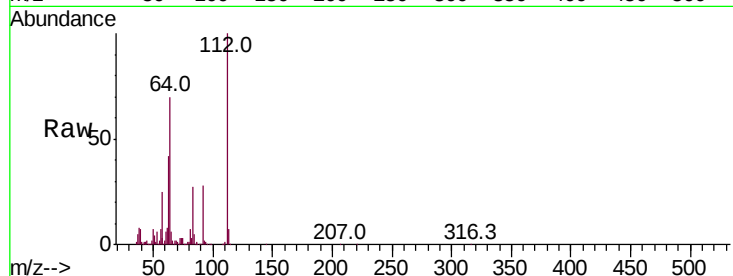
Tot Ion:112 Resp: 510555

Ion Ratio Lower Upper

112 100

64 70.4 56.2 84.2

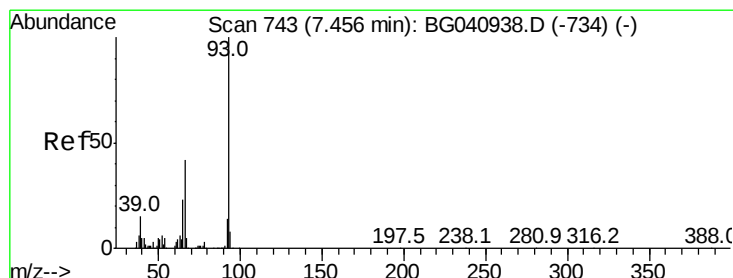
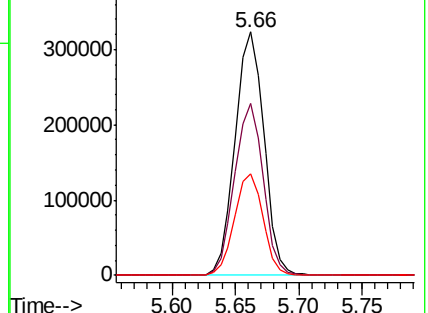
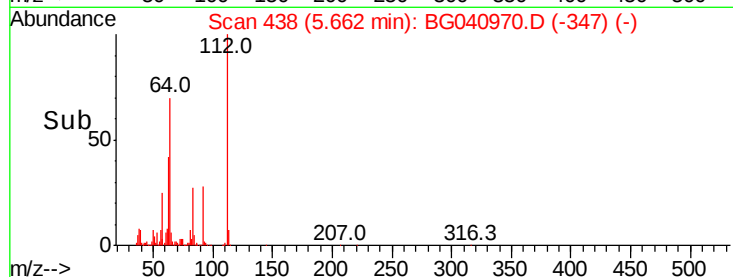
63 41.7 32.8 49.2



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: 18.885 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

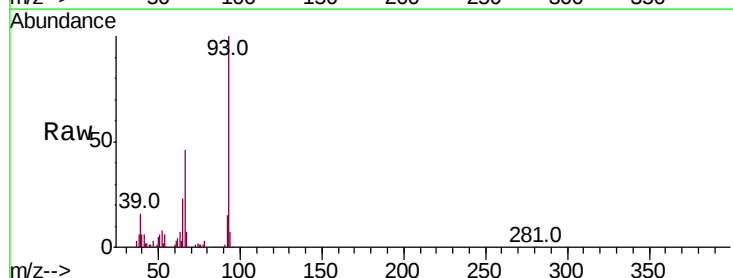
Tgt Ion: 93 Resp: 159891

Ion Ratio Lower Upper

93 100

66 46.4 33.8 50.8

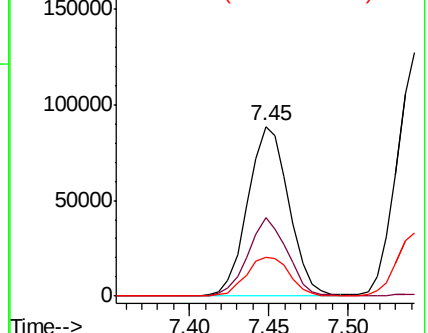
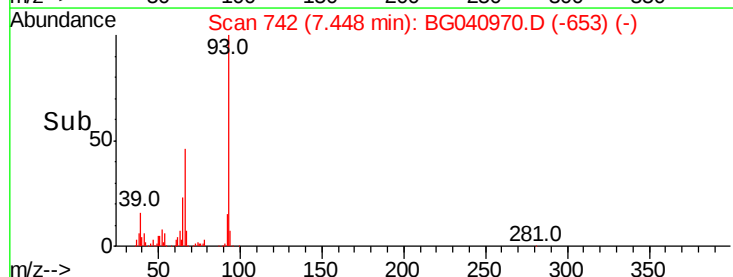
65 22.6 18.3 27.5

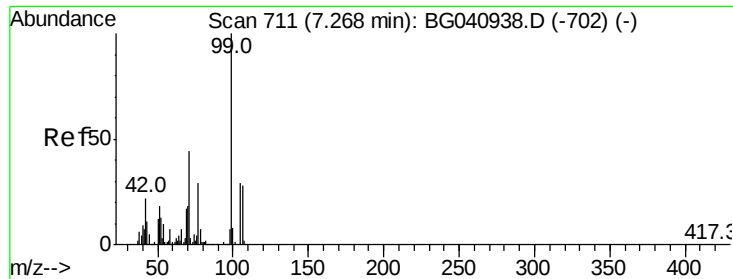


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.802 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampled :

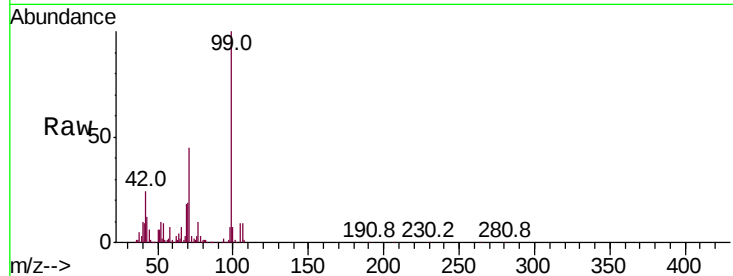
Tot Ion: 99 Resp: 671106

Ion Ratio Lower Upper

99 100

42 23.7 17.9 26.9

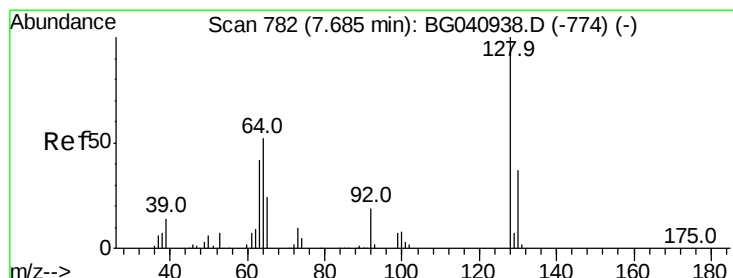
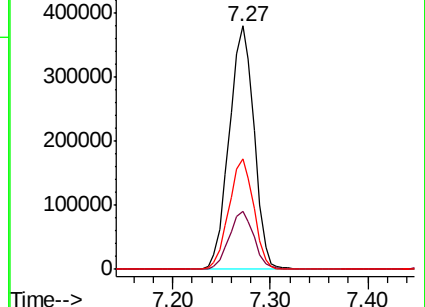
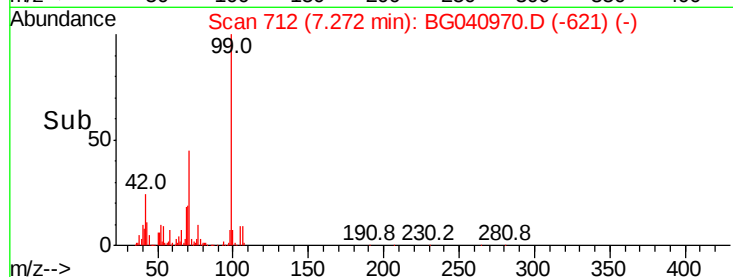
71 45.4 35.4 53.0



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.673 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

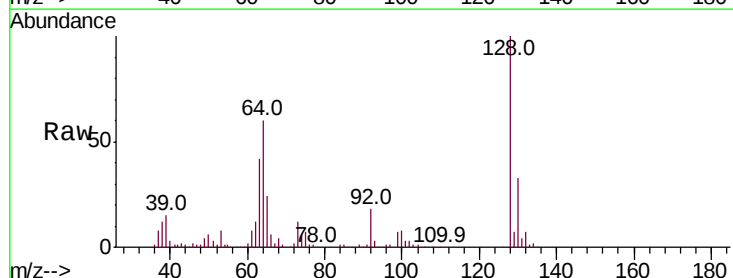
Tgt Ion: 128 Resp: 199153

Ion Ratio Lower Upper

128 100

130 32.6 16.6 56.6

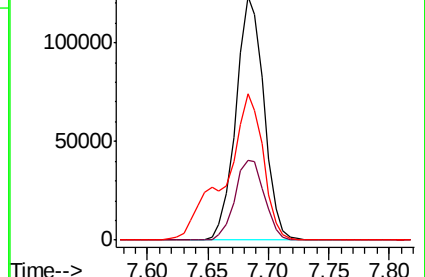
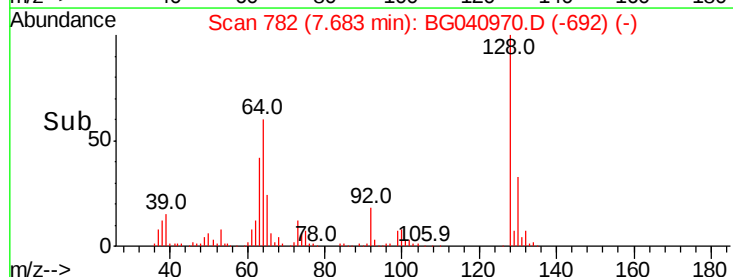
64 59.9 37.8 77.8

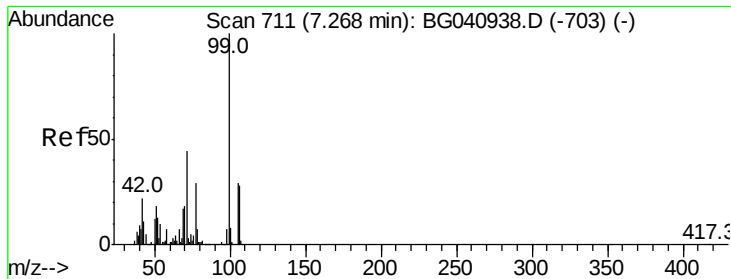


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.549 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

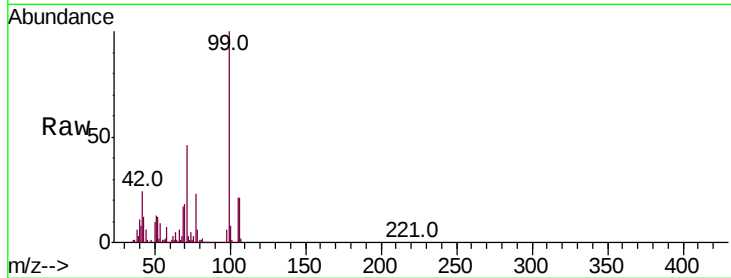
Tot Ion: 77 Resp: 100458

Ion Ratio Lower Upper

77 100

105 90.9 78.9 118.9

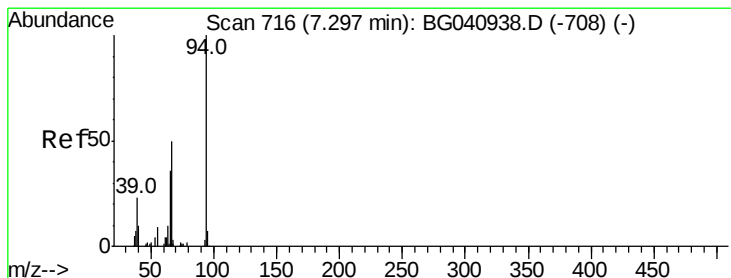
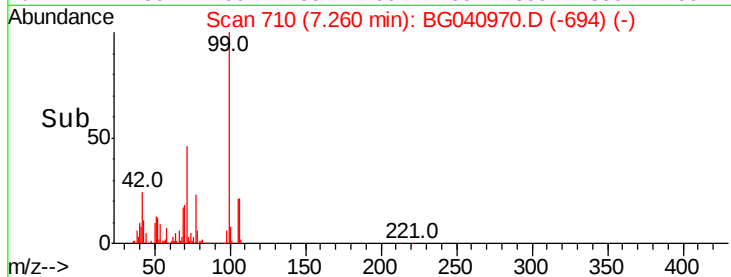
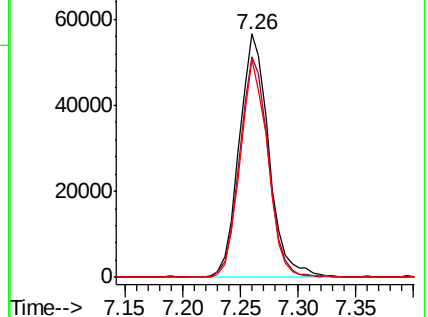
106 89.6 76.7 116.7



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: 34.314 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

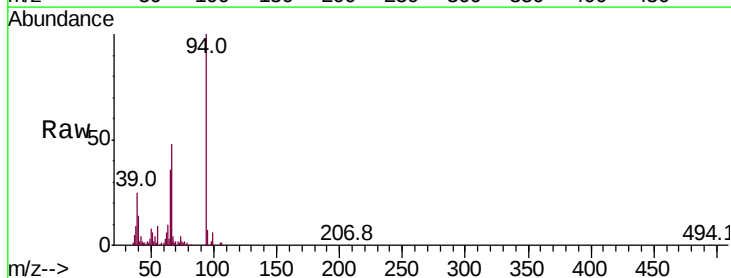
Tgt Ion: 94 Resp: 233371

Ion Ratio Lower Upper

94 100

65 35.9 17.0 57.0

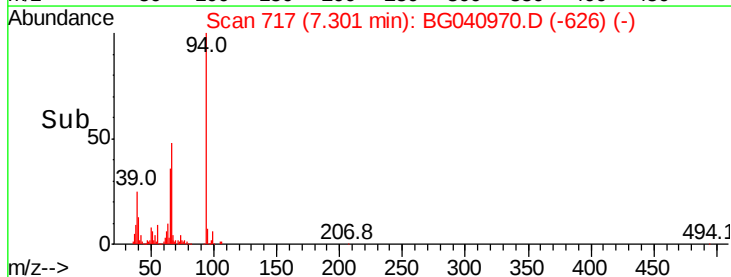
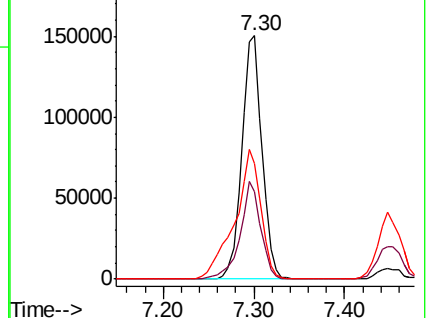
66 47.6 32.4 72.4

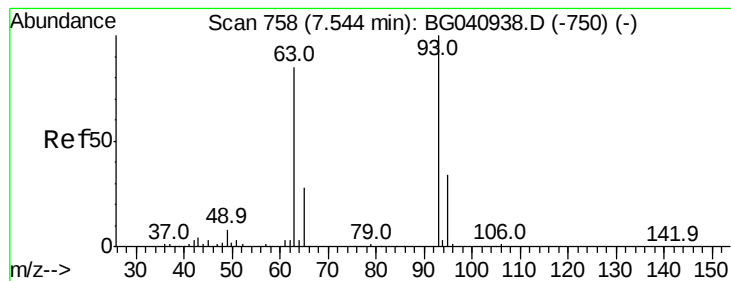


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.554 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

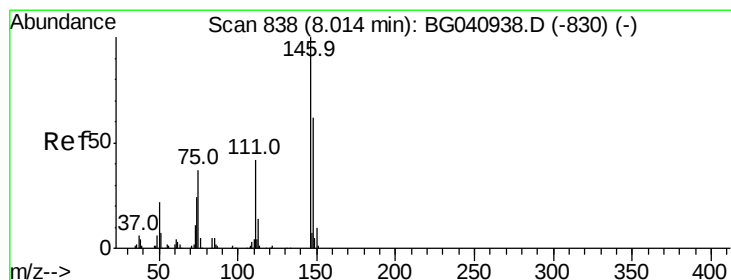
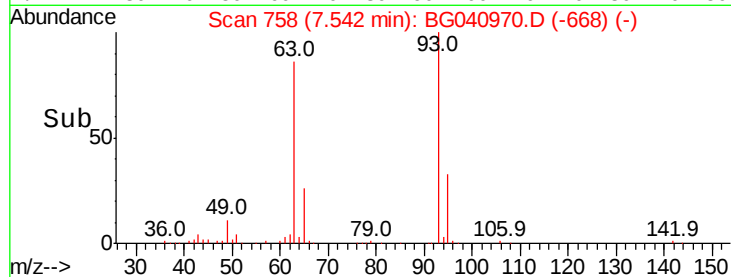
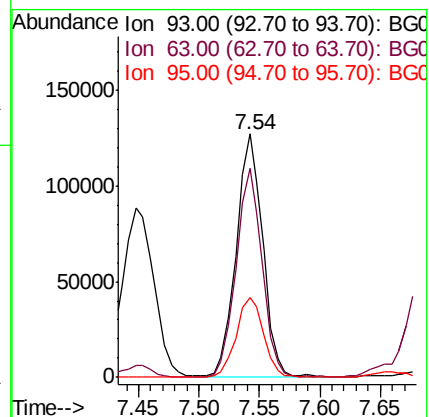
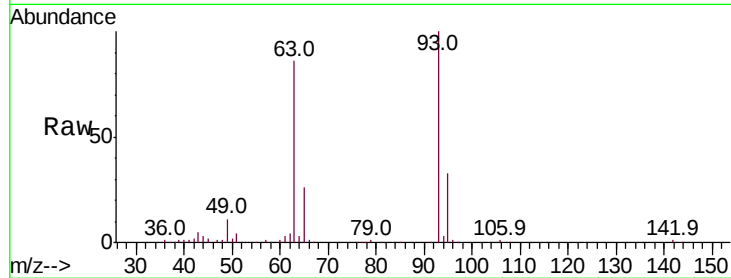
Tot Ion: 93 Resp: 195149

Ion Ratio Lower Upper

93 100

63 85.9 64.5 104.5

95 32.8 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 35.794 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

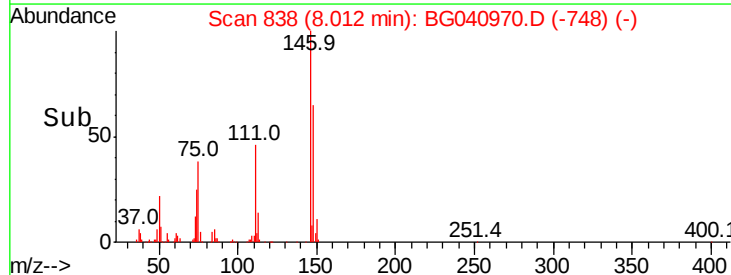
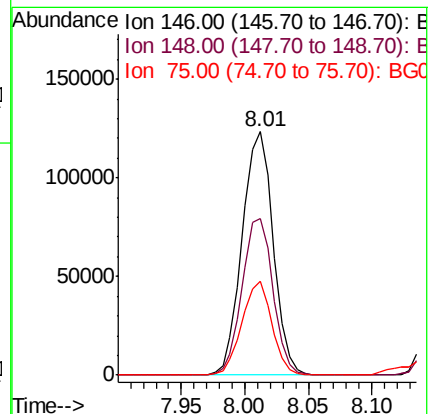
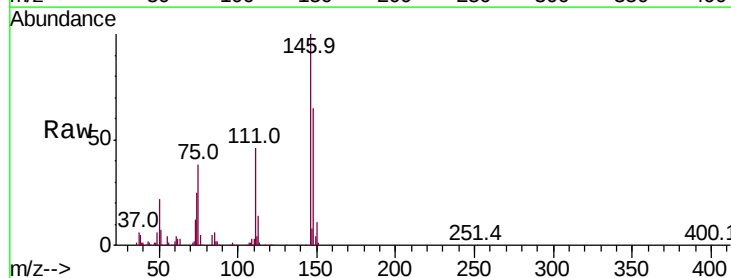
Tgt Ion: 146 Resp: 209326

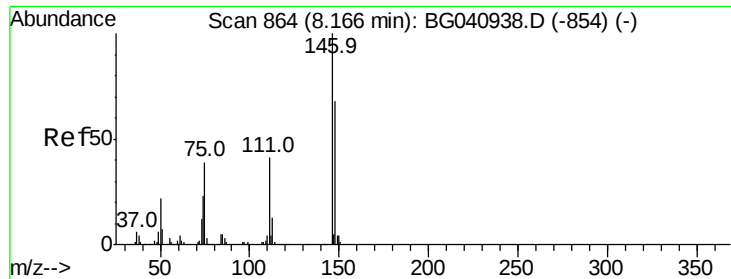
Ion Ratio Lower Upper

146 100

148 64.6 49.2 73.8

75 38.4 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 36.026 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

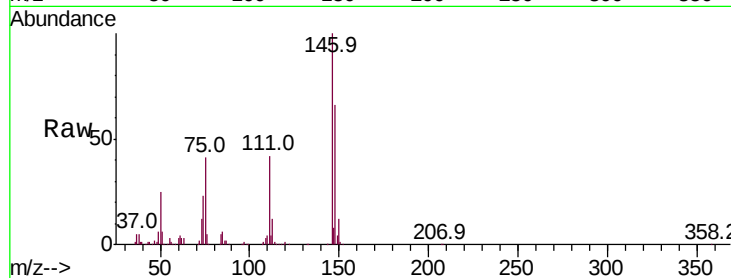
Tot Ion:146 Resp: 213260

Ion Ratio Lower Upper

146 100

148 66.5 54.2 81.4

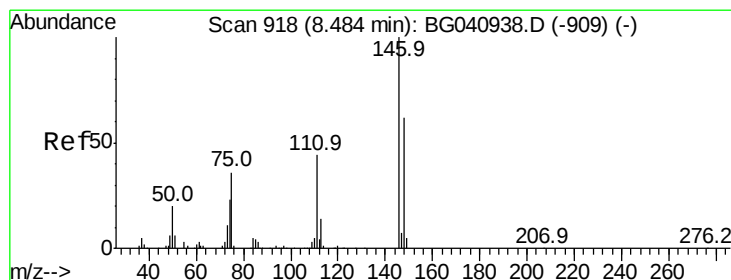
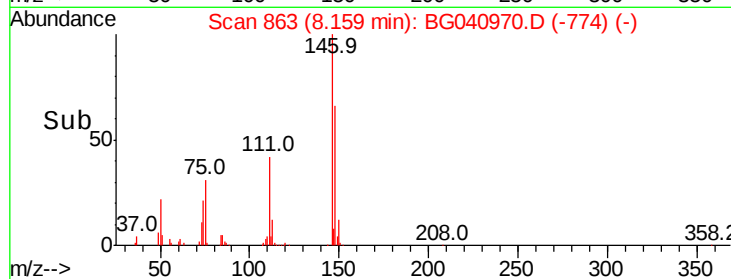
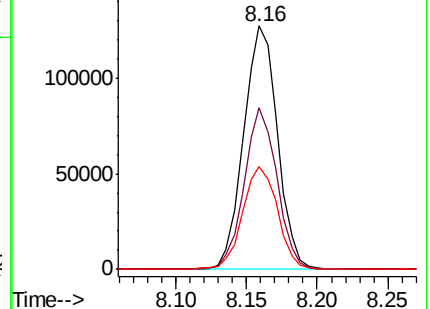
111 42.1 32.9 49.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.522 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

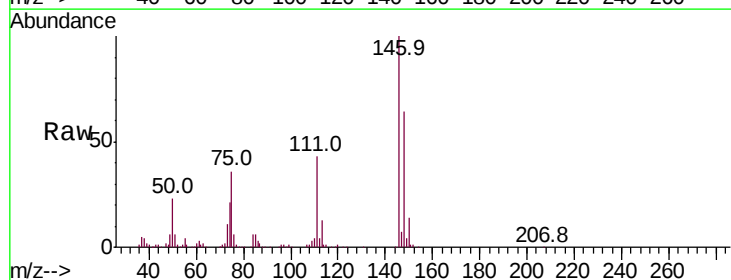
Tgt Ion:146 Resp: 204167

Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.6

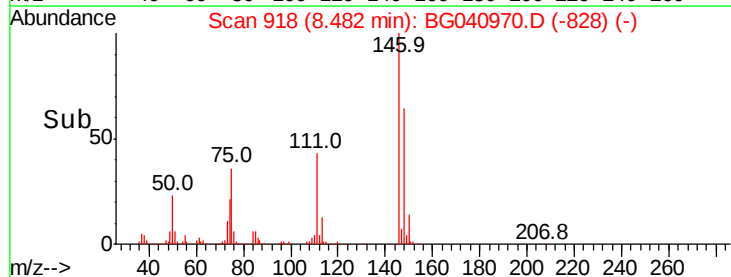
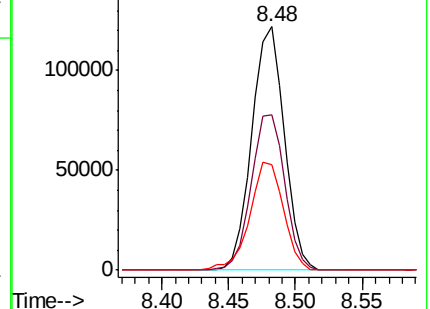
111 43.4 35.0 52.4

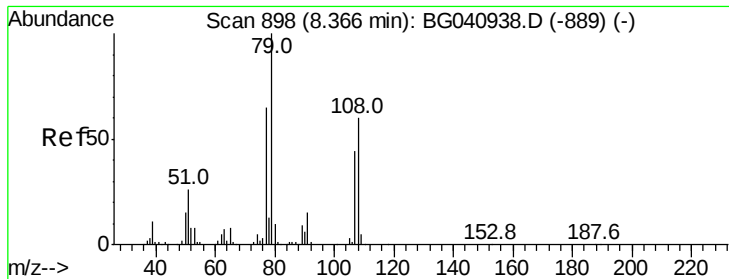


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.262 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampled :

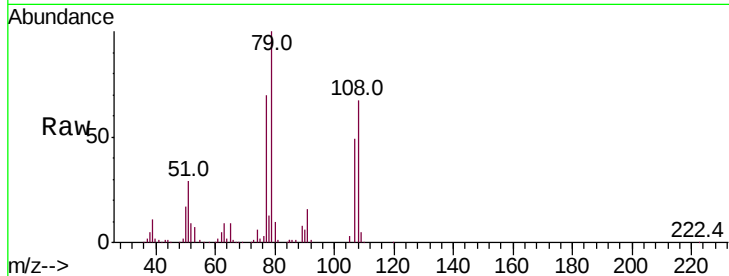
Tot Ion: 79 Resp: 236237

Ion Ratio Lower Upper

79 100

108 67.2 48.3 72.5

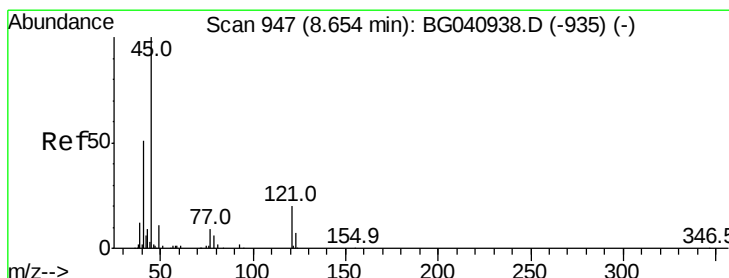
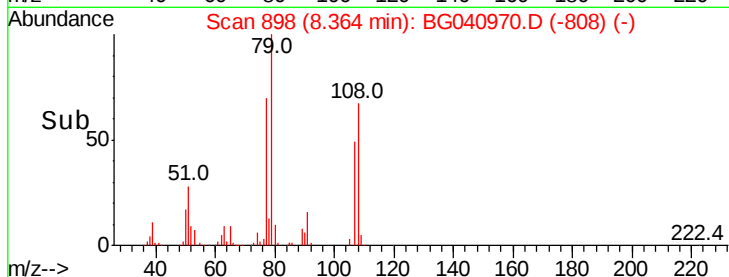
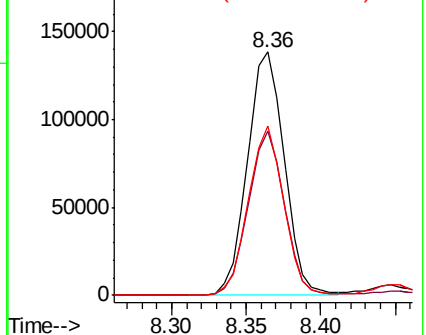
77 69.7 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.613 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

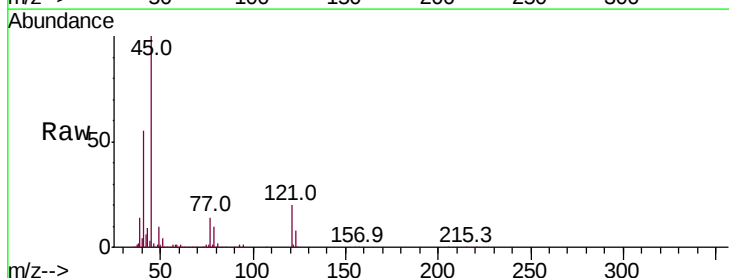
Tgt Ion: 45 Resp: 311300

Ion Ratio Lower Upper

45 100

77 13.9 0.0 33.7

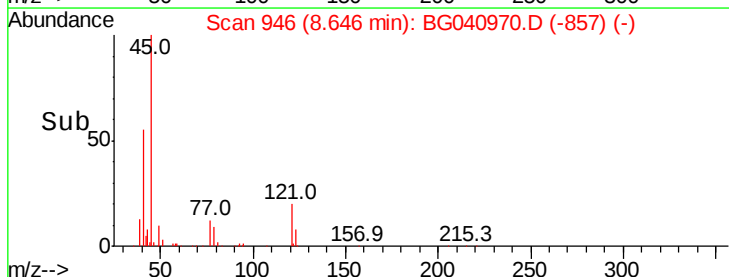
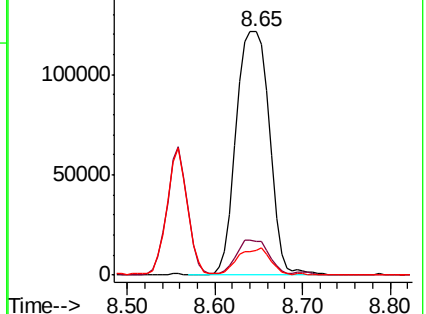
79 9.9 0.0 30.2

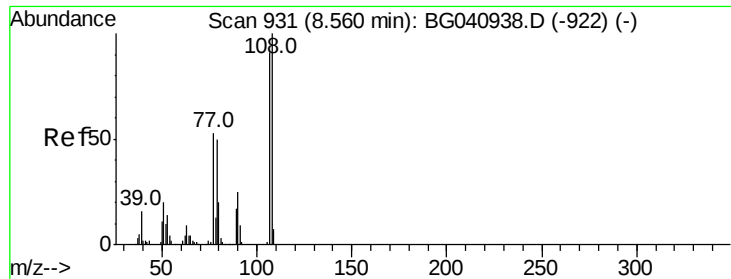


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.490 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 184607

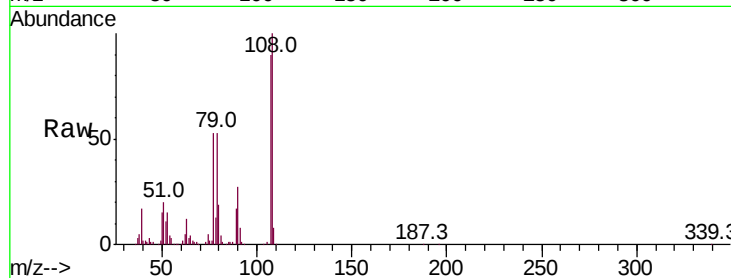
Ion Ratio Lower Upper

107 100

108 110.8 87.7 131.5

77 58.9 46.6 70.0

79 58.5 44.6 66.8

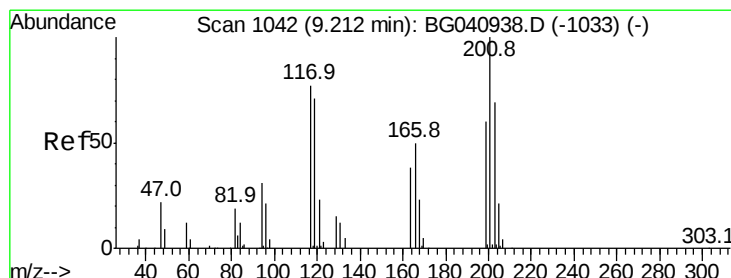
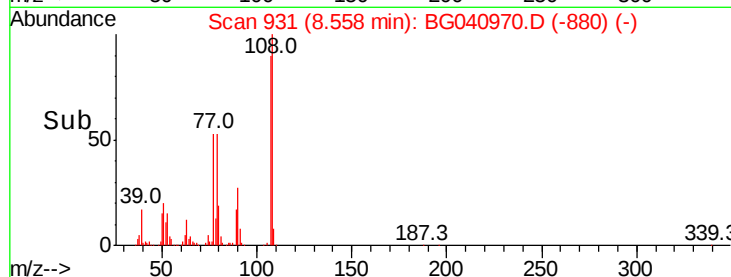
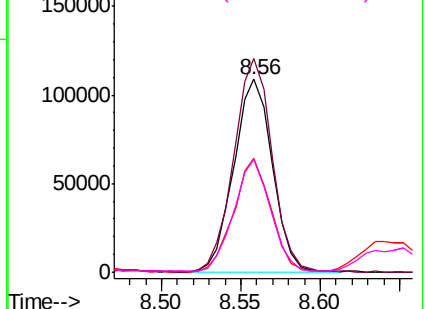


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.258 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

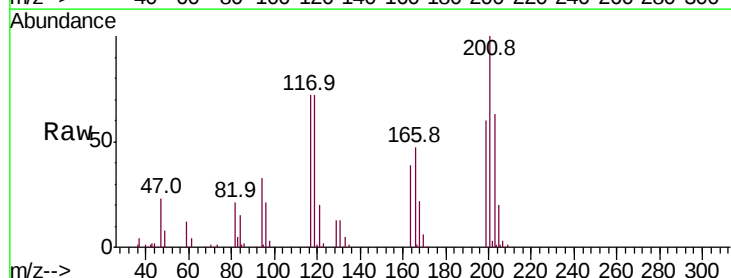
Tgt Ion:117 Resp: 80442

Ion Ratio Lower Upper

117 100

119 100.2 75.0 112.6

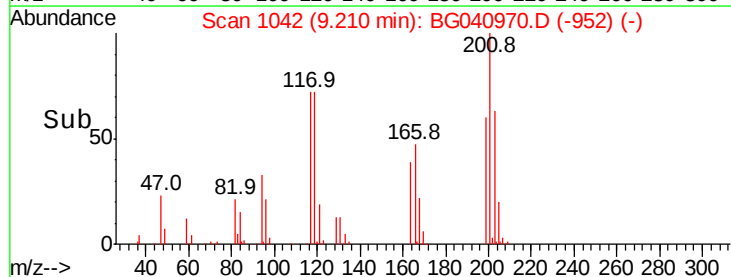
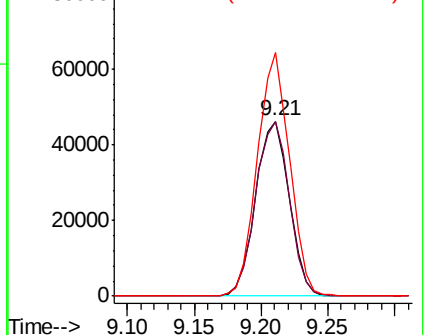
201 143.6 103.5 155.3

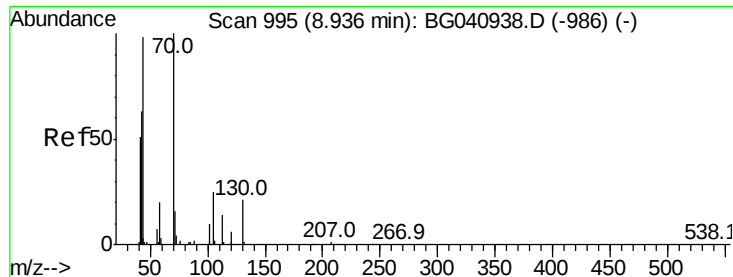


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

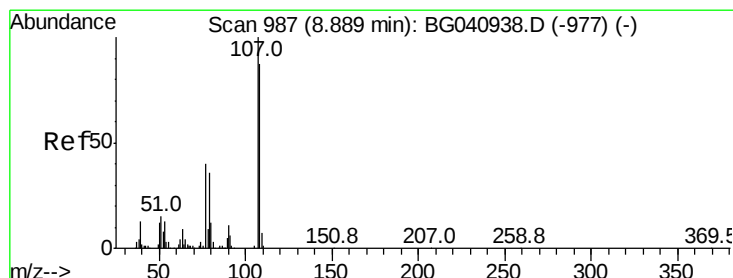
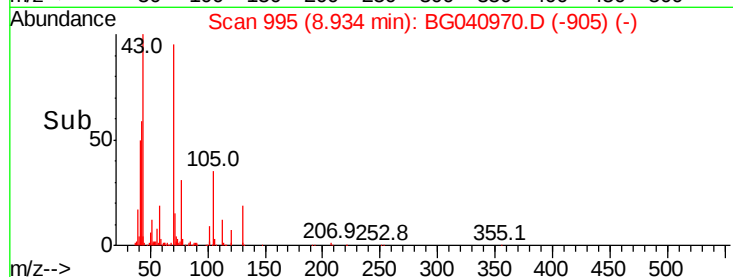
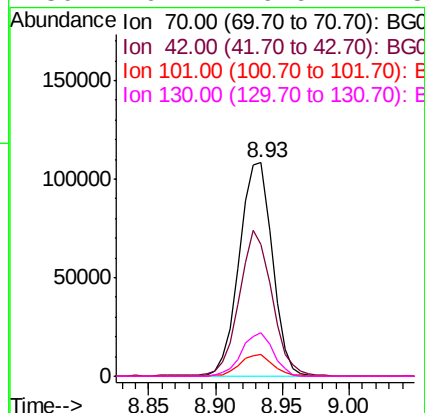
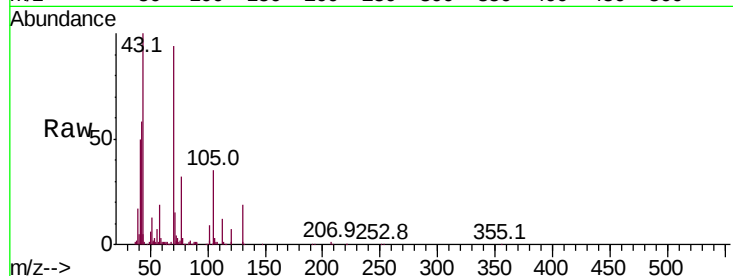




#19
n-Nitroso-di-n-propylamine
Concen: 38.062 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

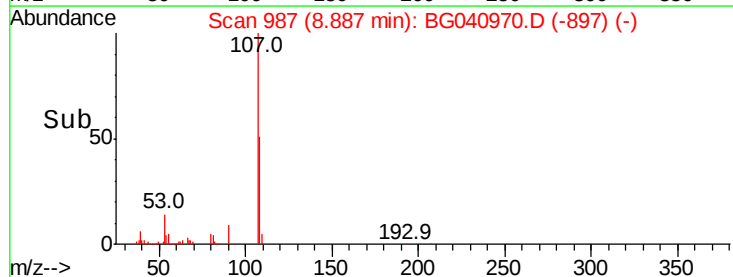
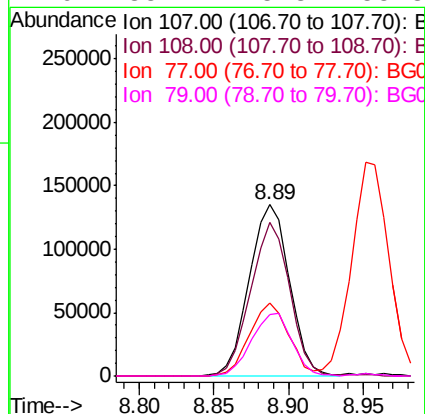
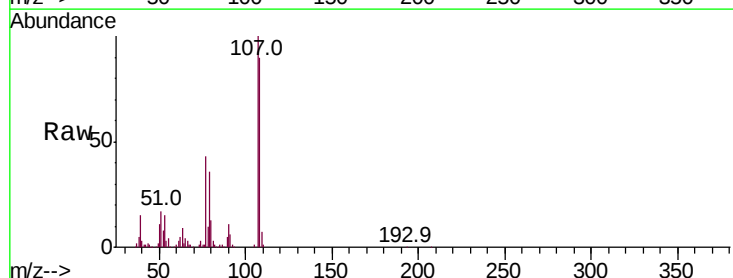
Instrument :
BNA_G
ClientSampleId :

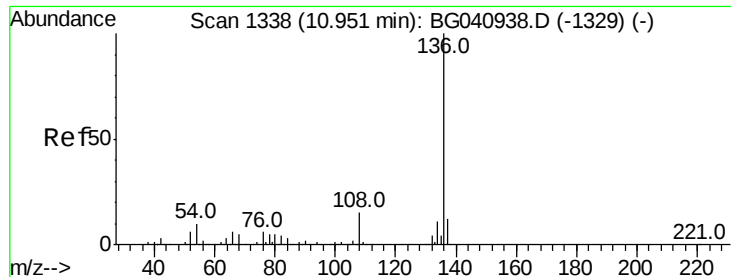
Tot Ion:	70	Resp:	185794
Ion	Ratio	Lower	Upper
70	100		
42	62.0	51.5	77.3
101	9.9	8.1	12.1
130	20.2	16.6	24.8



#20
3+4-Methylphenols
Concen: 36.786 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:	107	Resp:	250914
Ion	Ratio	Lower	Upper
107	100		
108	89.6	66.8	106.8
77	42.7	20.5	60.5
79	35.7	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 274338

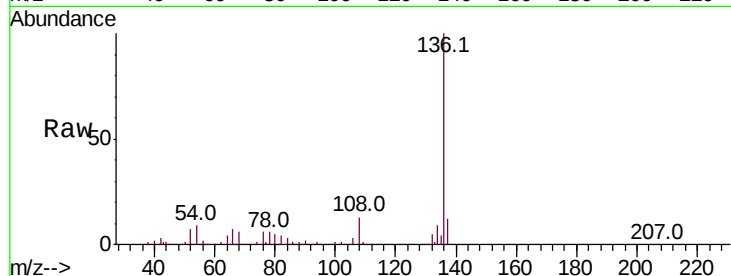
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 9.3 7.6 11.4

68 5.8 3.9 5.9

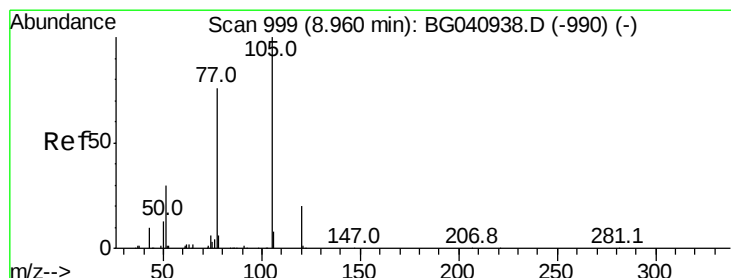
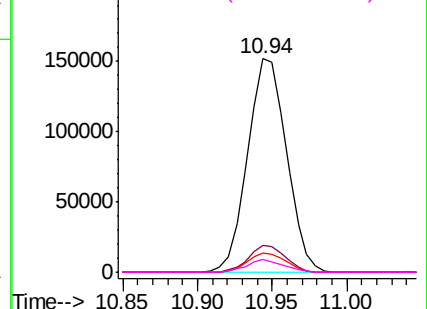
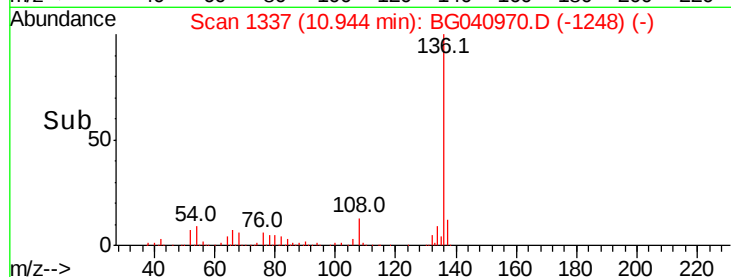


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 45.518 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:105 Resp: 350290

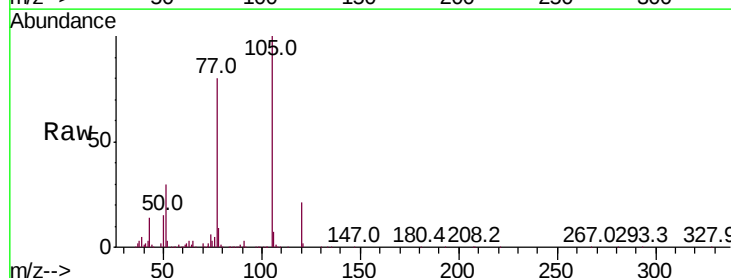
Ion Ratio Lower Upper

105 100

71 0.3 0.4 0.6#

51 30.3 27.0 40.6

120 20.8 16.2 24.4

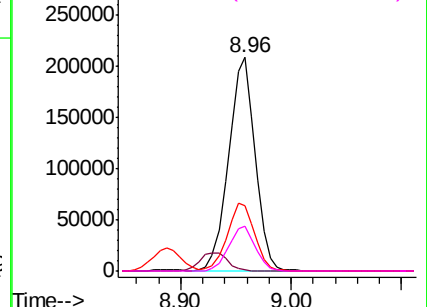
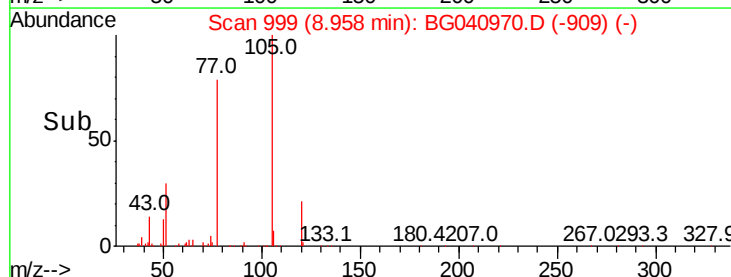


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.161 ng

RT: 9.30 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

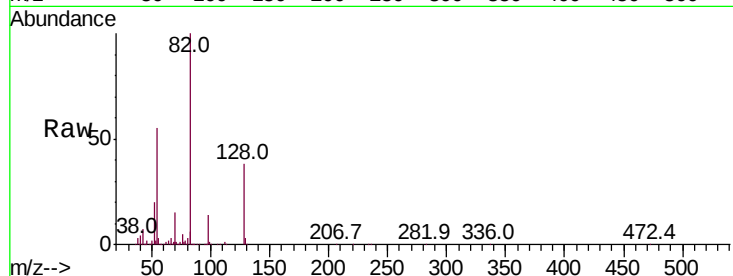
Tot Ion: 82 Resp: 550987

Ion Ratio Lower Upper

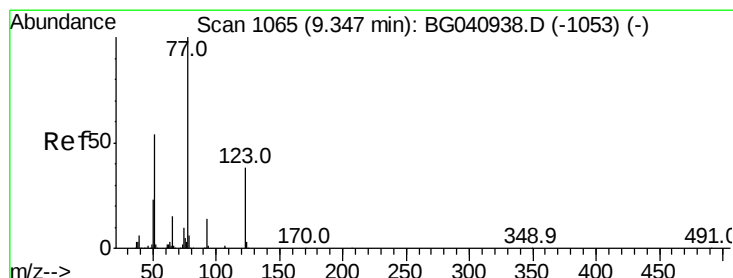
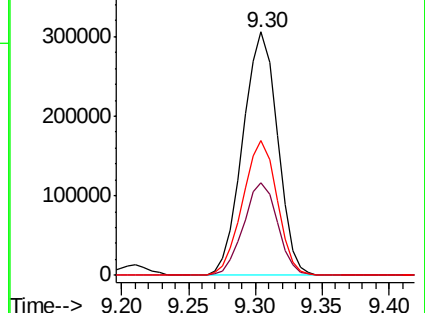
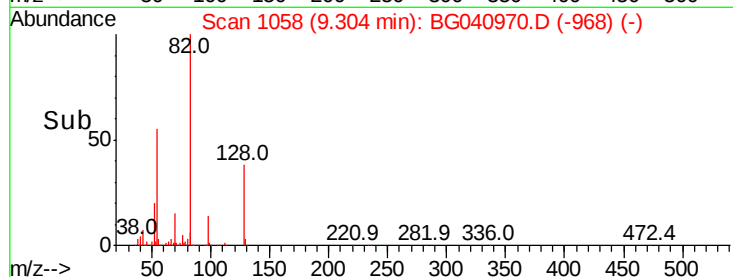
82 100

128 38.0 30.5 45.7

54 55.4 44.6 66.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 45.249 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

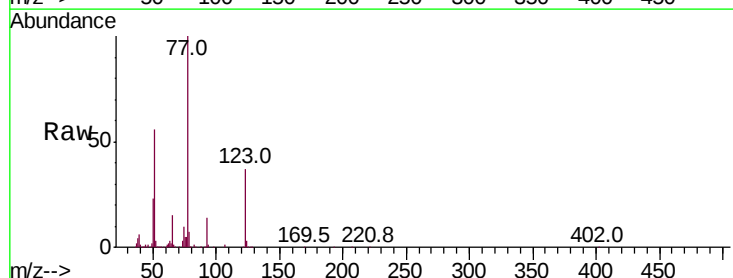
Tgt Ion: 77 Resp: 284961

Ion Ratio Lower Upper

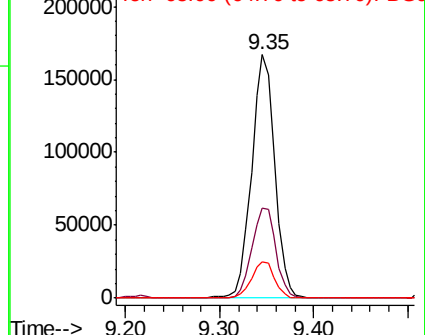
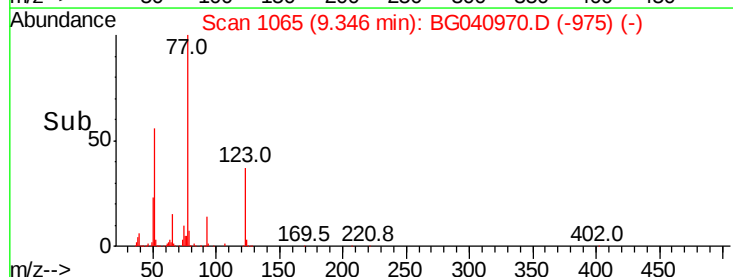
77 100

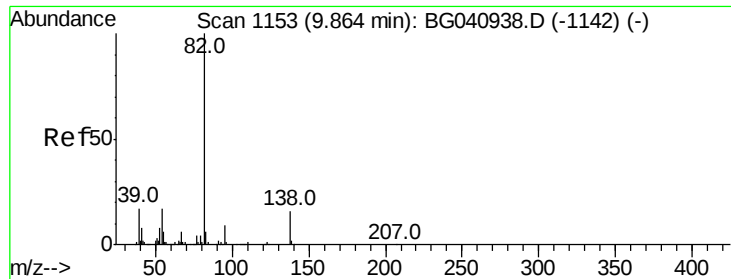
123 37.1 30.6 46.0

65 15.0 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 45.188 ng

RT: 9.86 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

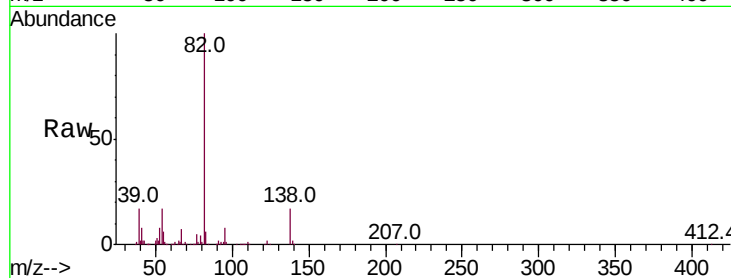
Tot Ion: 82 Resp: 531427

Ion Ratio Lower Upper

82 100

95 8.0 7.0 10.4

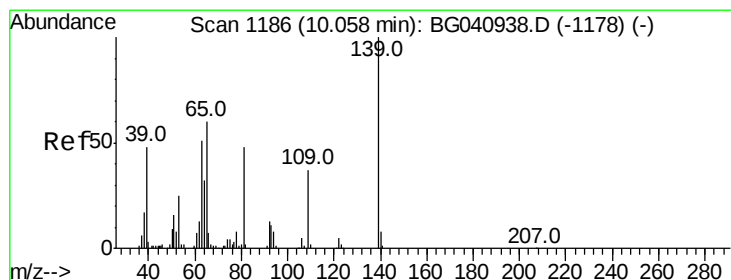
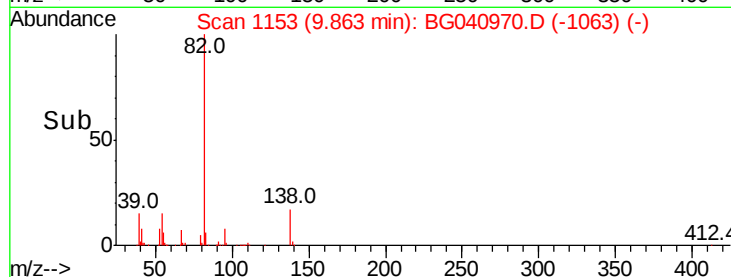
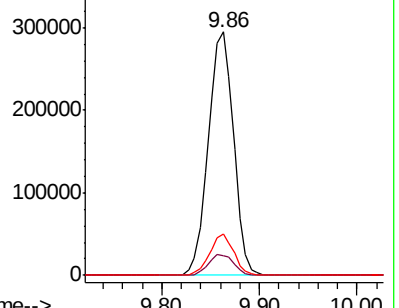
138 16.7 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)



#26

2-Nitrophenol

Concen: 47.103 ng

RT: 10.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

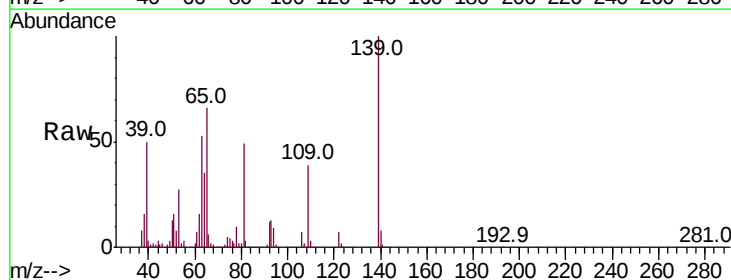
Tgt Ion: 139 Resp: 122290

Ion Ratio Lower Upper

139 100

109 39.2 29.8 44.6

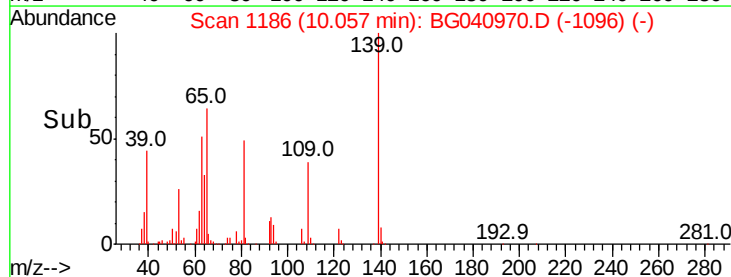
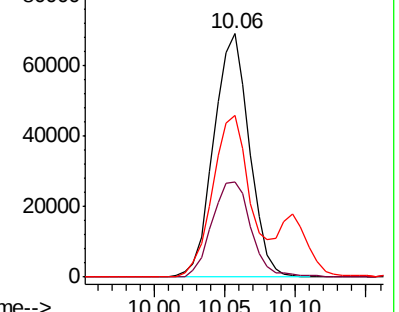
65 66.4 47.8 71.6

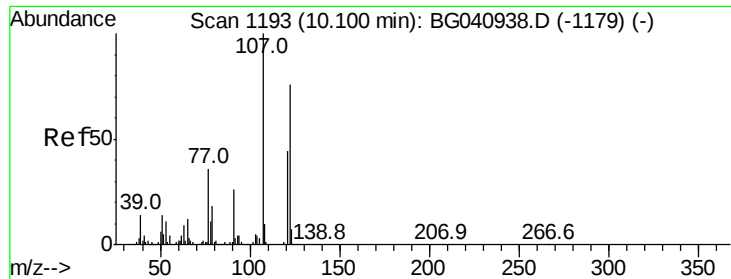


Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

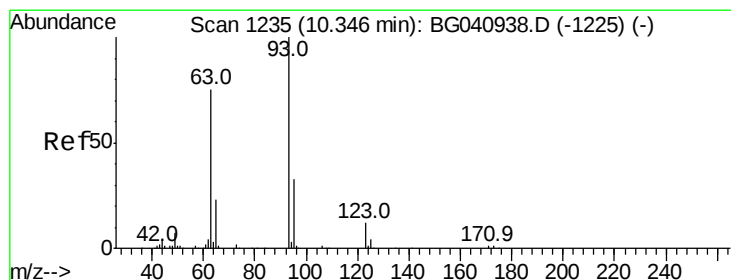
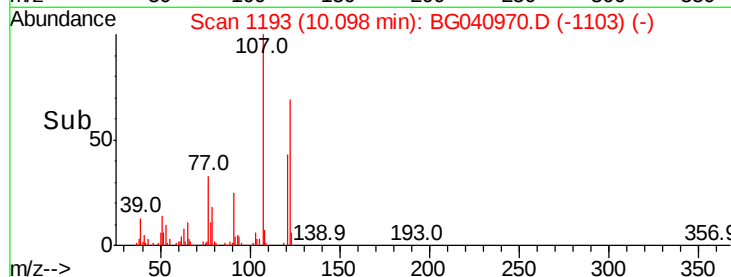
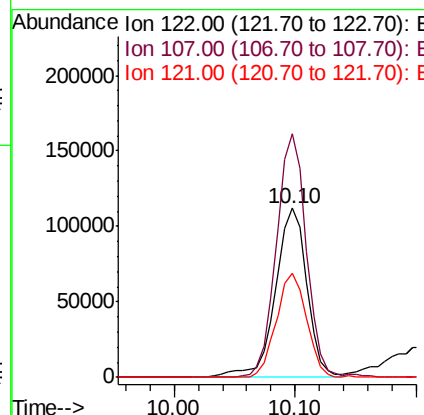
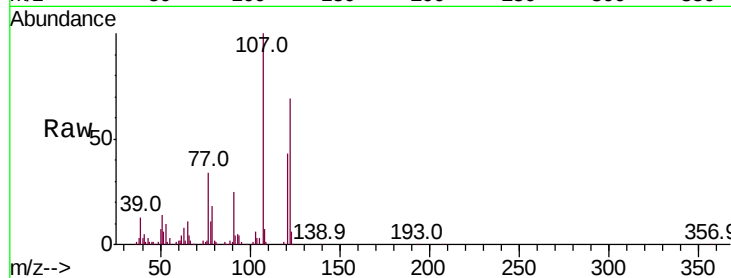




#27
2,4-Dimethylphenol
Concen: 47.002 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

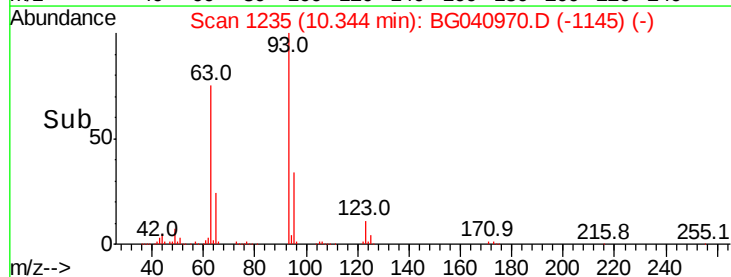
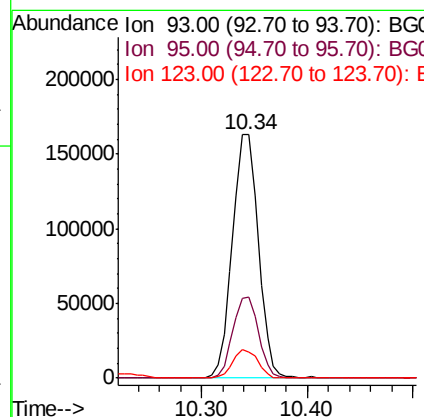
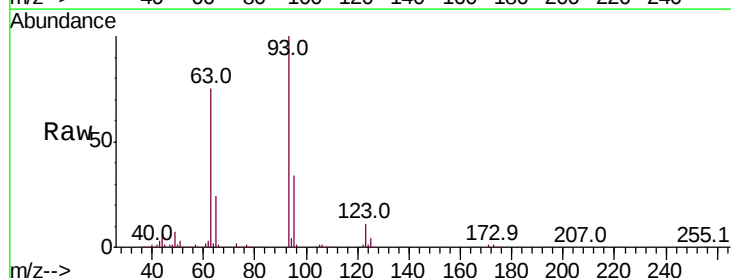
Instrument :
BNA_G
ClientSampleId :

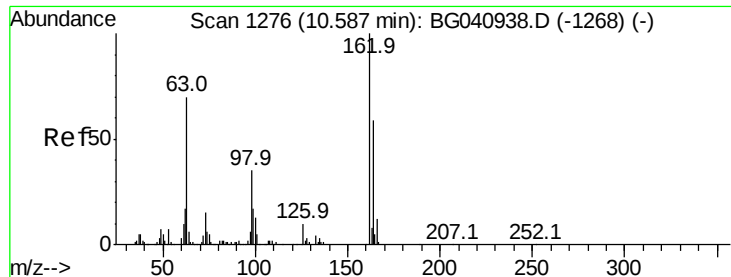
Tot Ion	Ratio	Lower	Upper
122	100		
107	144.1	105.9	158.9
121	61.7	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.628 ng
RT: 10.34 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.2	39.2
123	10.7	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 43.449 ng

RT: 10.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

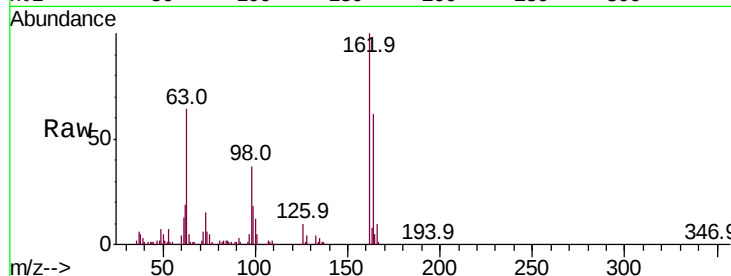
Tot Ion:162 Resp: 236579

Ion Ratio Lower Upper

162 100

164 61.6 39.4 79.4

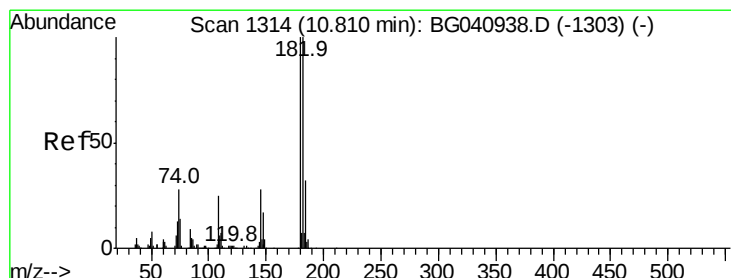
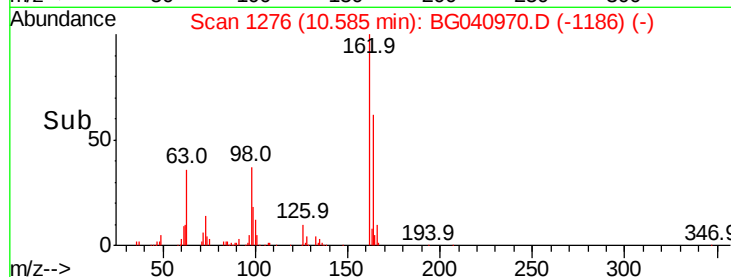
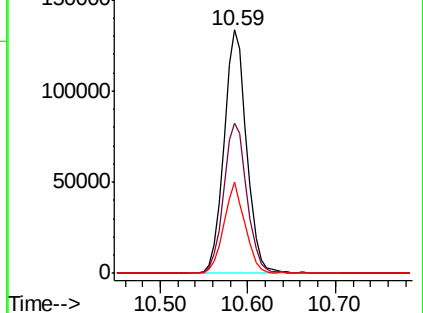
98 37.4 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.647 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

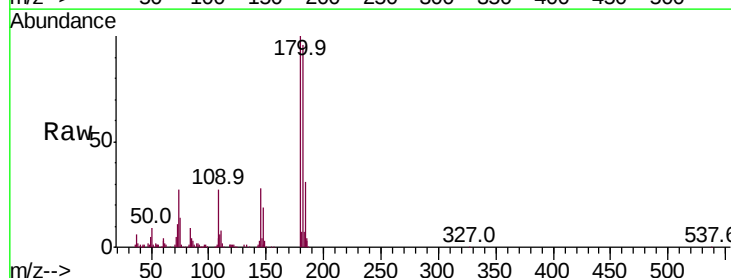
Tgt Ion:180 Resp: 257964

Ion Ratio Lower Upper

180 100

182 96.3 79.7 119.5

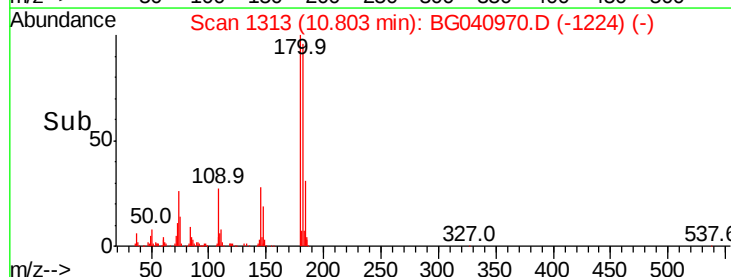
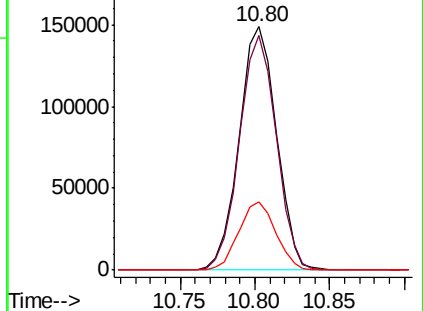
145 28.1 22.6 34.0

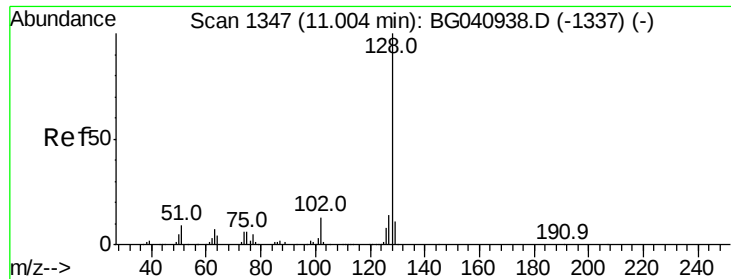


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

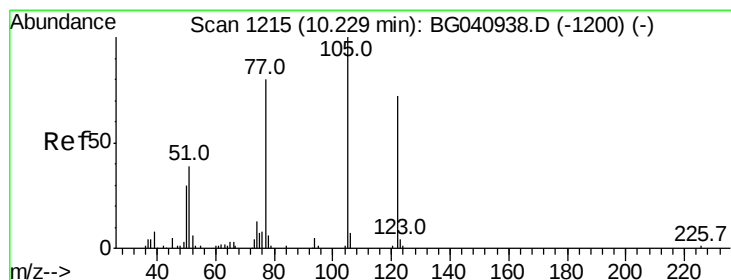
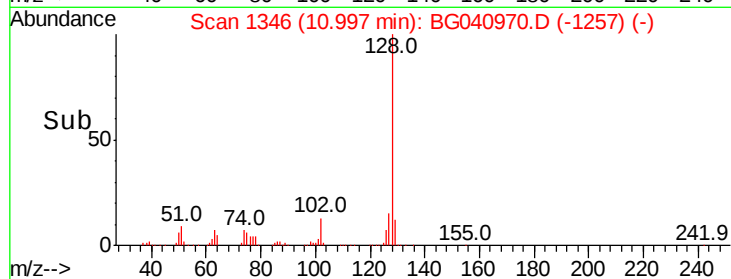
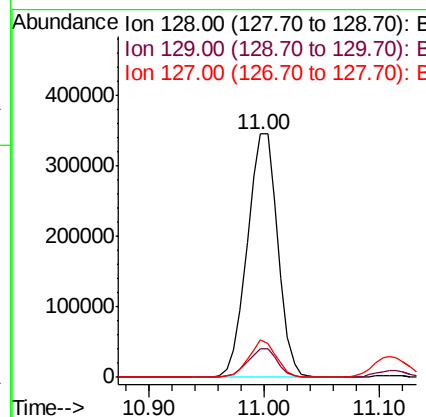
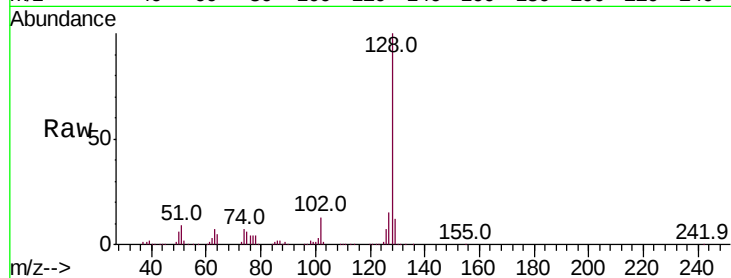




#31
Naphthalene
Concen: 42.943 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

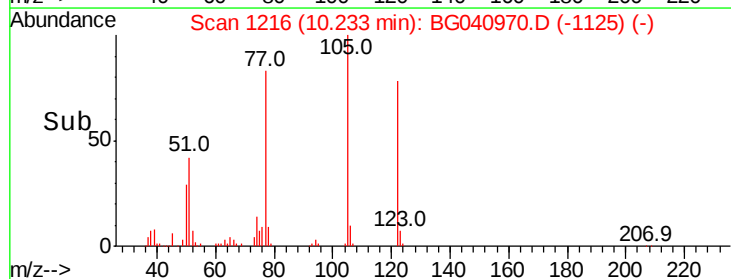
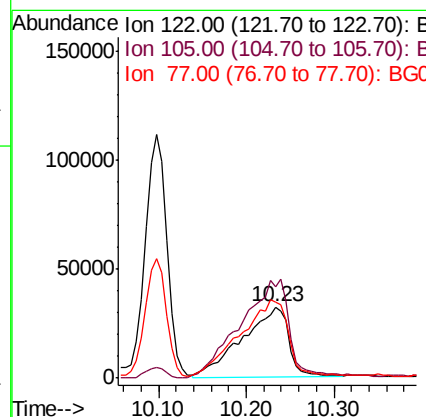
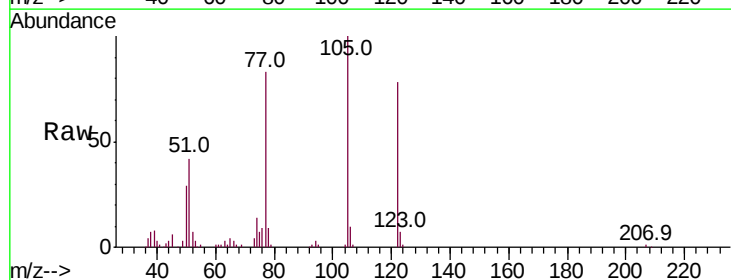
Instrument :
BNA_G
ClientSampleId :

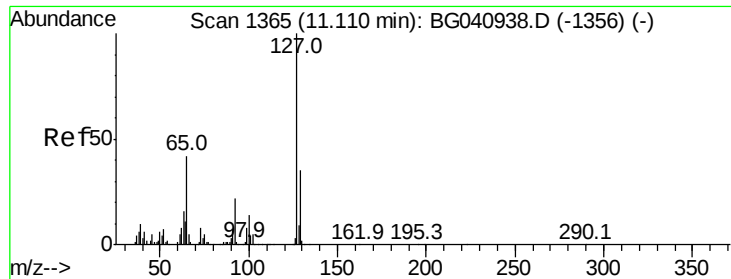
Tot Ion:128 Resp: 632524
Ion Ratio Lower Upper
128 100
129 11.8 8.5 12.7
127 15.2 11.4 17.2



#32
Benzoic acid
Concen: 37.090 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:122 Resp: 116242
Ion Ratio Lower Upper
122 100
105 128.5 114.8 154.8
77 106.7 89.9 129.9

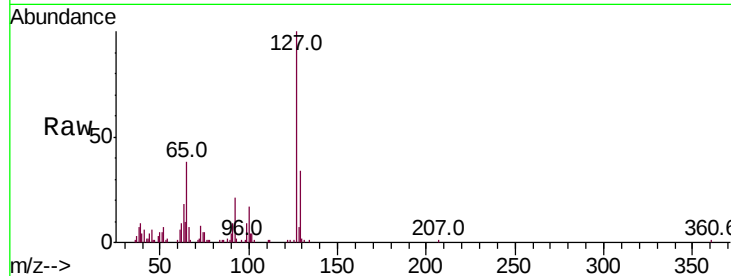




#33
4-Chloroaniline
Concen: 9.423 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.7	41.5
65	38.0	33.2	49.8
92	21.1	17.2	25.8



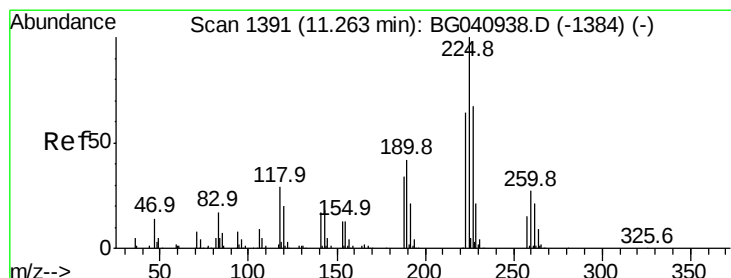
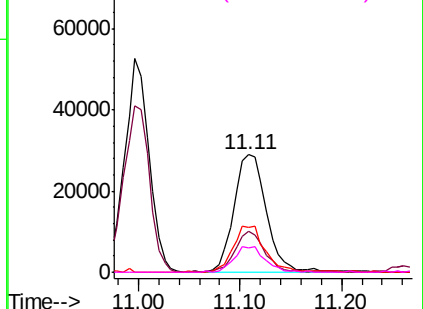
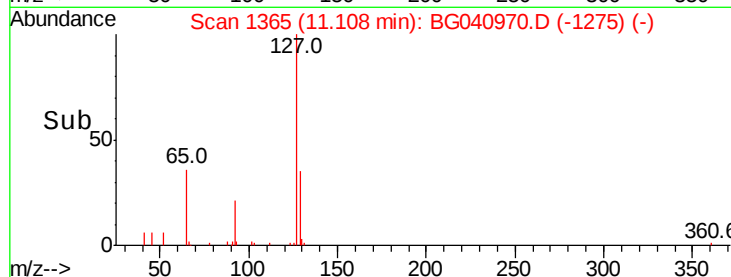
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

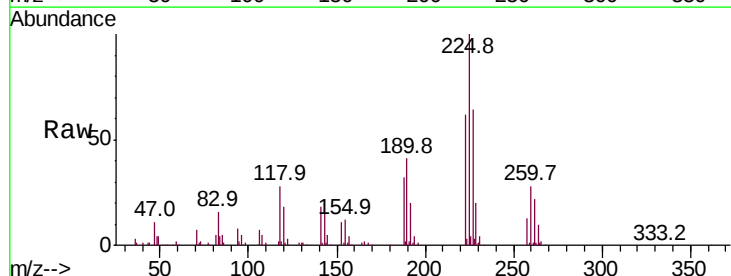
Ion 65.00 (64.70 to 65.70): BG0

Ion 92.00 (91.70 to 92.70): BG0



#34
Hexachlorobutadiene
Concen: 39.836 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	66.7	51.4	77.0

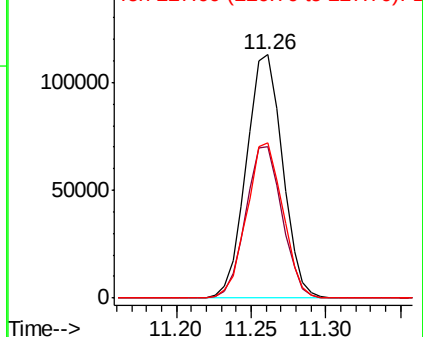
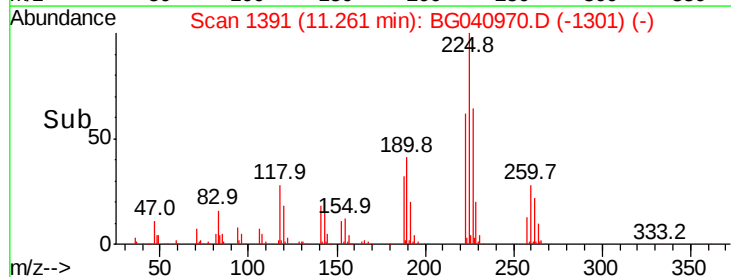


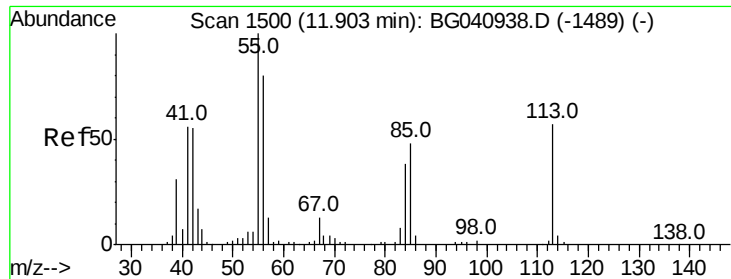
Abundance

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: 14.973 ng

RT: 11.94 min Scan# 1506

Delta R.T. 0.03 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

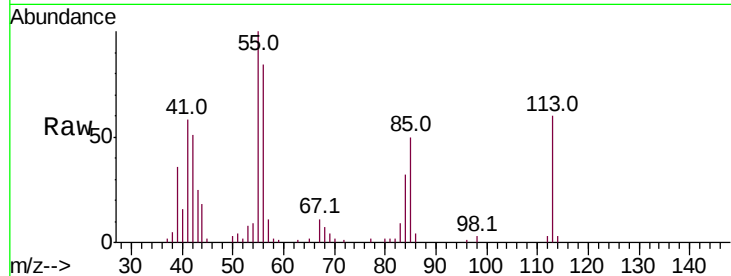
Tot Ion:113 Resp: 26922

Ion Ratio Lower Upper

113 100

55 166.8 155.9 195.9

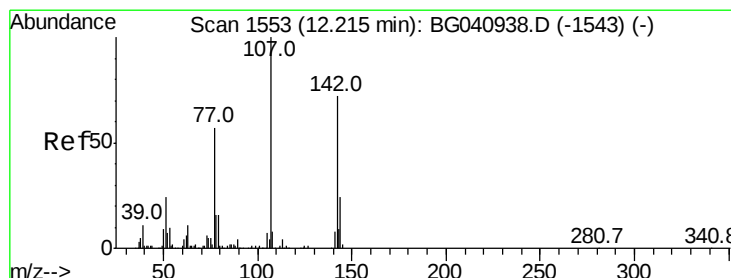
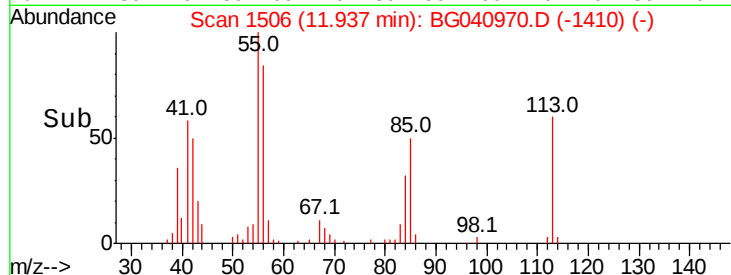
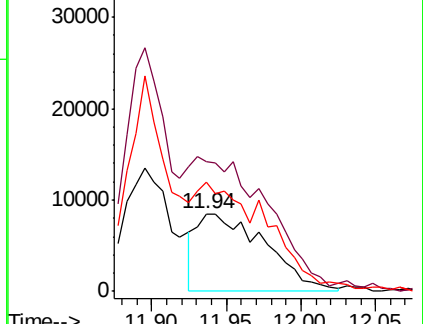
56 139.7 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.528 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

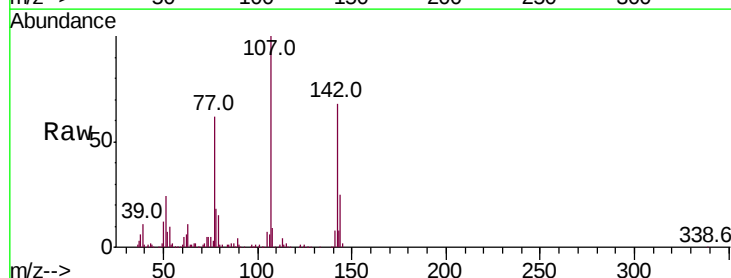
Tgt Ion:107 Resp: 264461

Ion Ratio Lower Upper

107 100

144 24.6 19.4 29.0

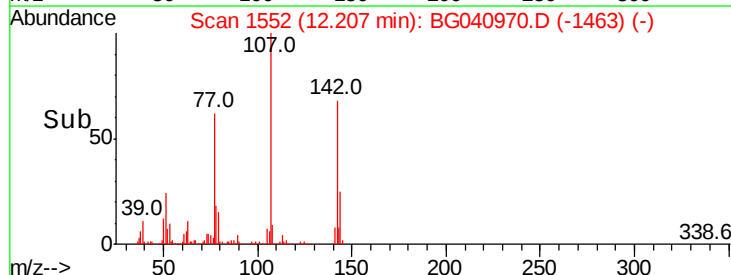
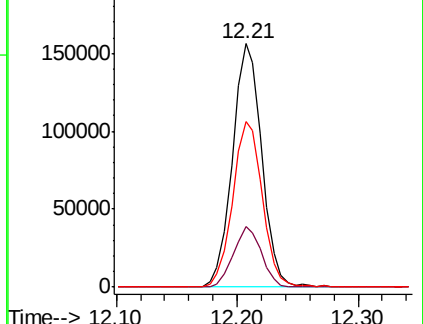
142 67.8 57.3 85.9

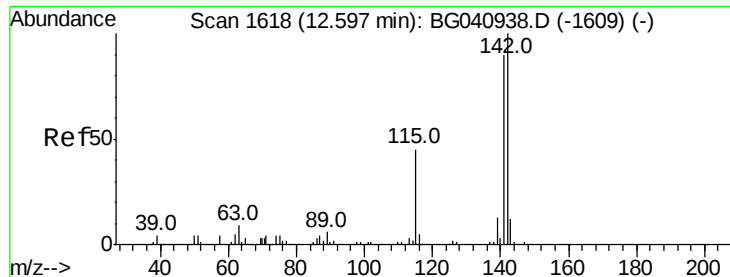


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.008 ng

RT: 12.59 min Scan# 1618

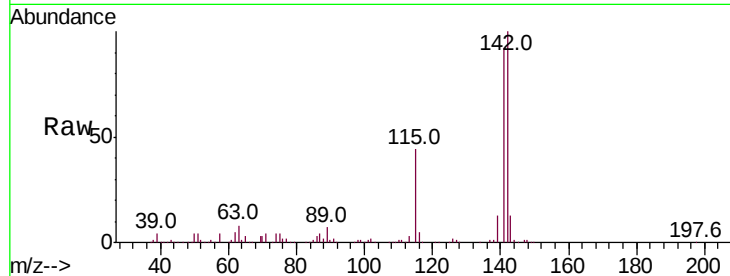
Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.2	108.4
115	44.1	36.2	54.4

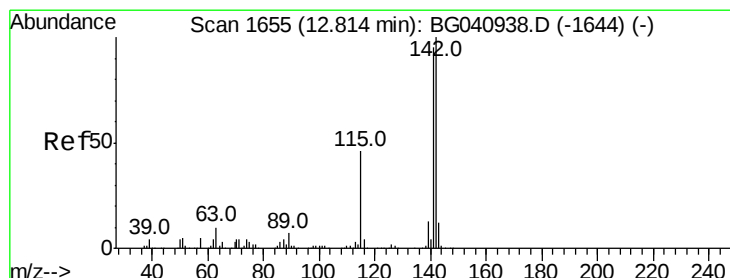
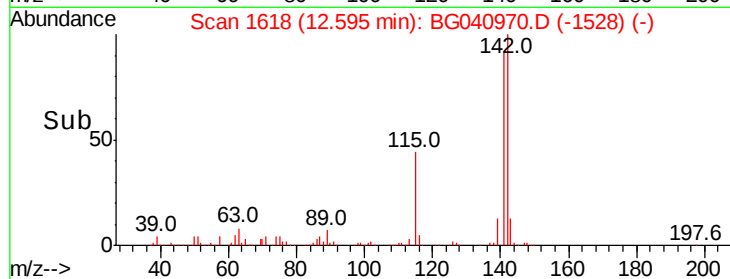
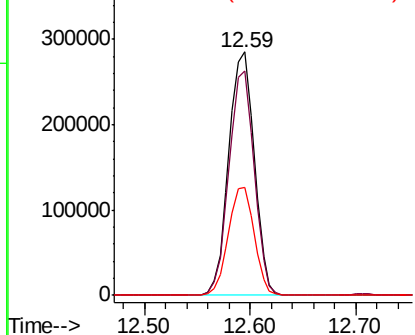


Abundance

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

1-Methylnaphthalene

Concen: 42.669 ng

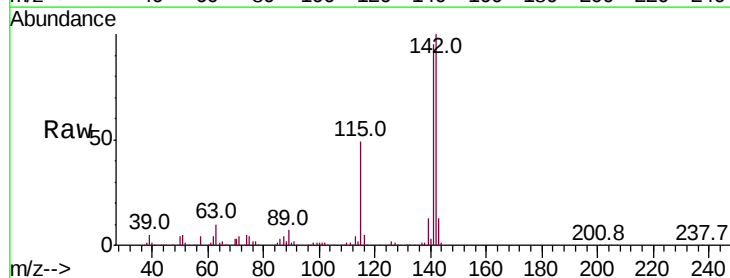
RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.7	113.5
116	4.6	3.4	5.2

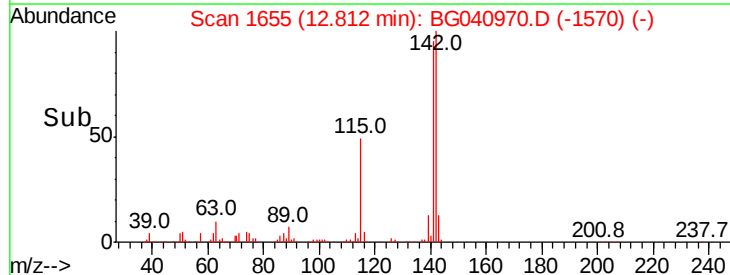
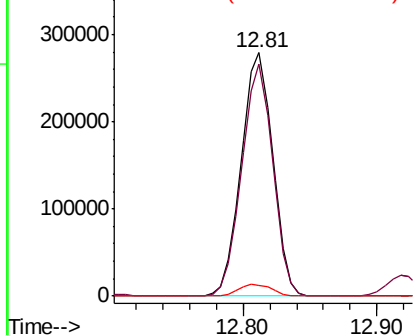


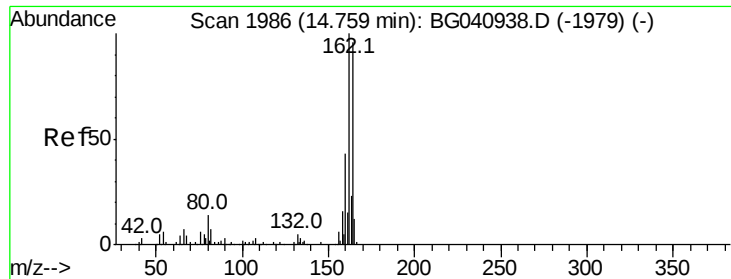
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

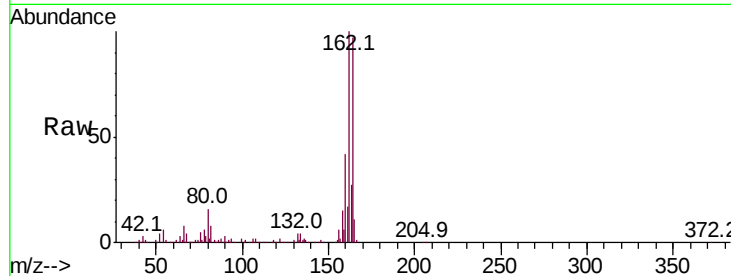
Tot Ion:164 Resp: 192091

Ion Ratio Lower Upper

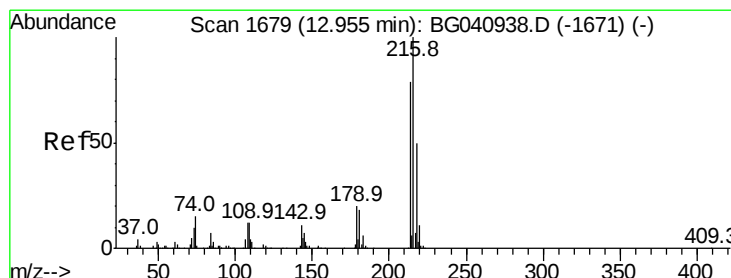
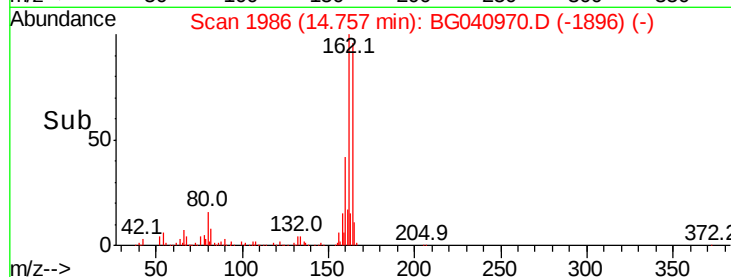
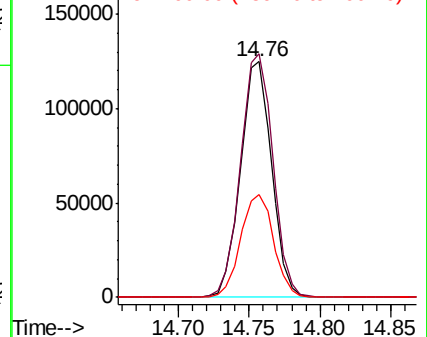
164 100

162 103.4 83.0 124.4

160 43.6 35.6 53.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.298 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:216 Resp: 342971

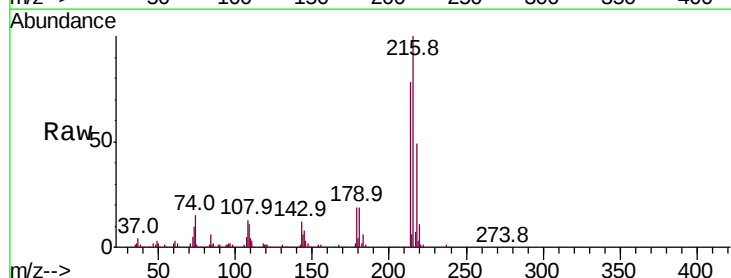
Ion Ratio Lower Upper

216 100

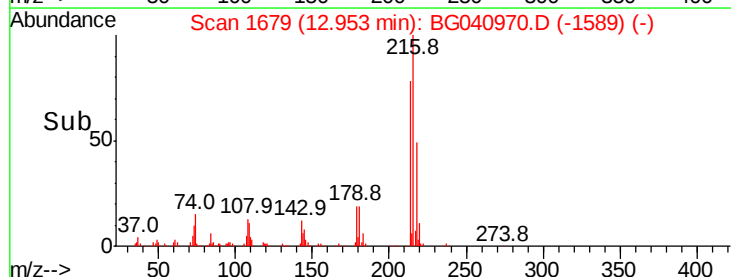
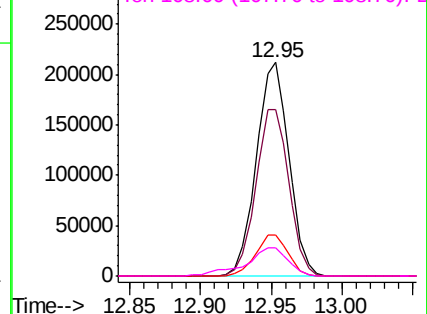
214 79.3 63.4 95.2

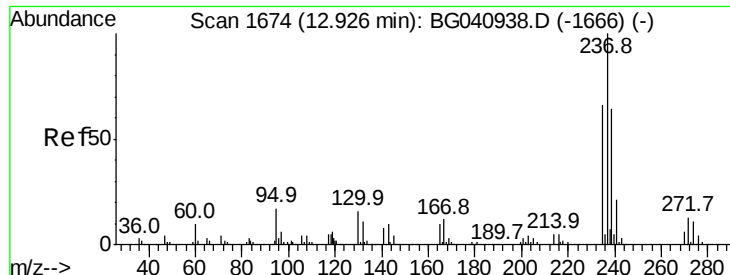
179 19.4 15.2 22.8

108 17.3 11.4 17.2#



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.779 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

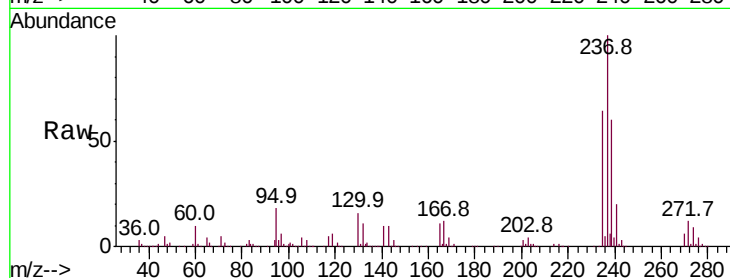
Tot Ion:237 Resp: 396876

Ion Ratio Lower Upper

237 100

235 64.3 45.5 85.5

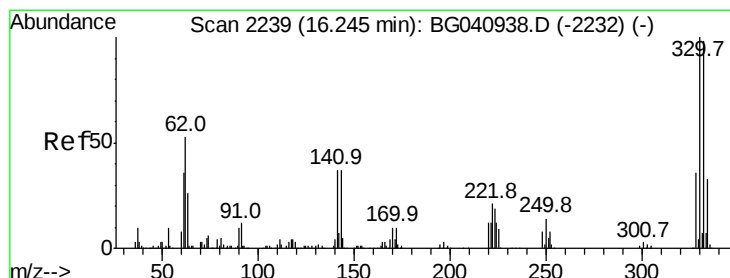
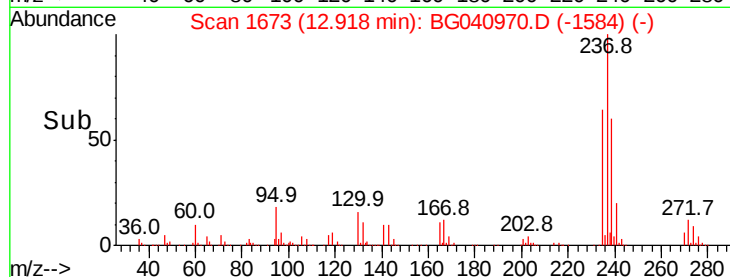
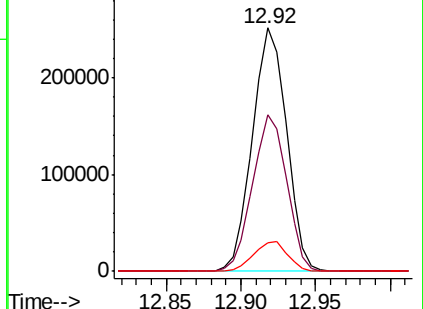
272 11.6 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.065 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

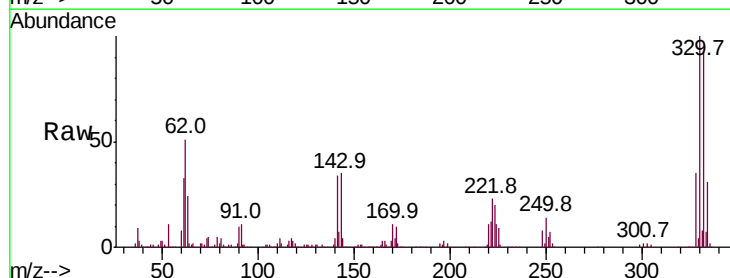
Tgt Ion:330 Resp: 407981

Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

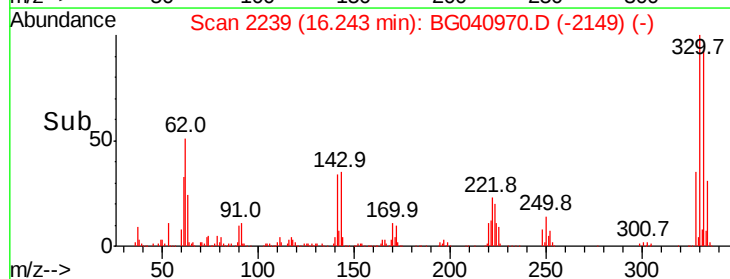
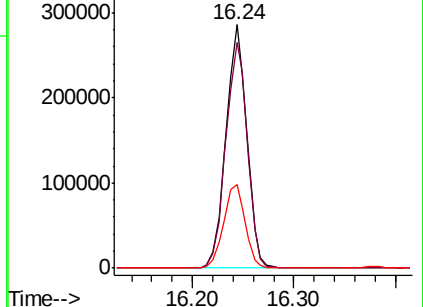
141 35.3 28.7 43.1

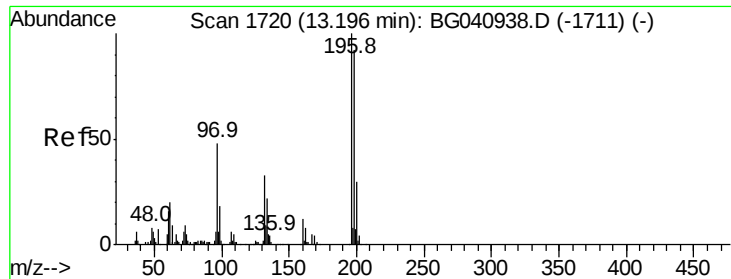


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

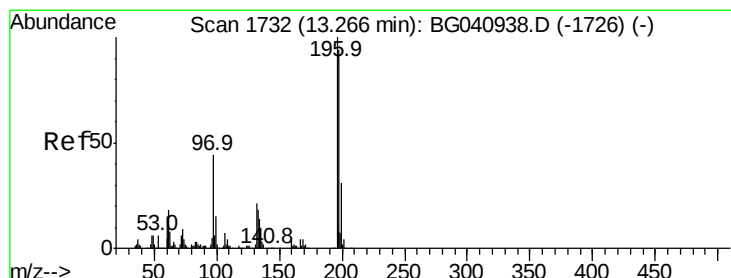
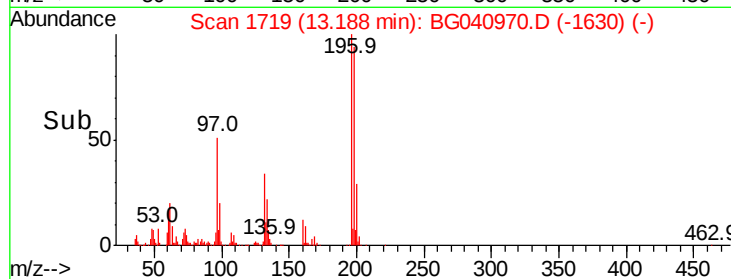
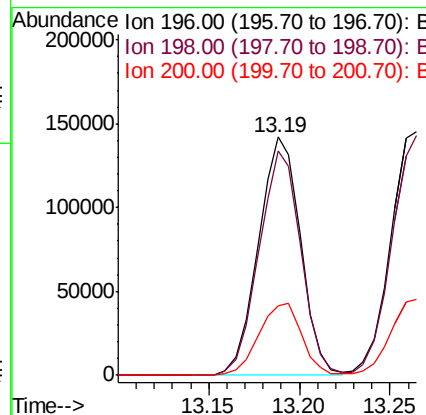
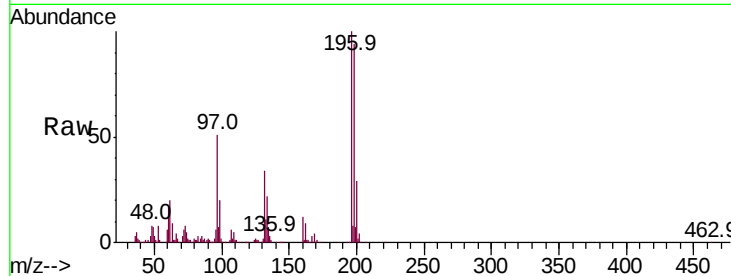




#43
 2,4,6-Trichlorophenol
 Concen: 45.585 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

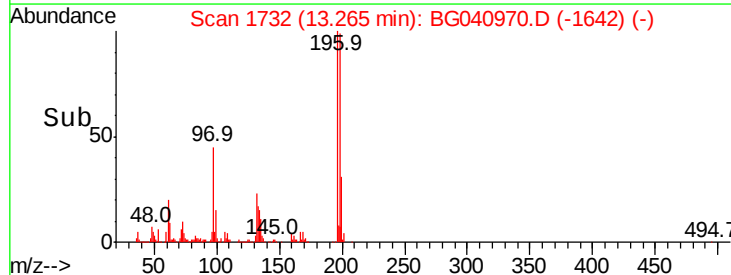
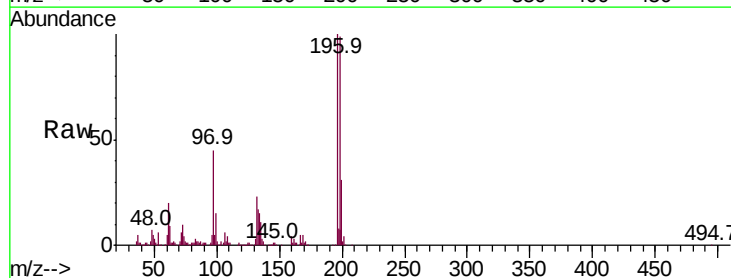
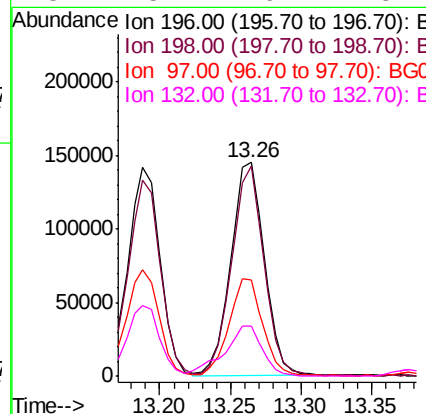
Instrument :
 BNA_G
 ClientSampleId :

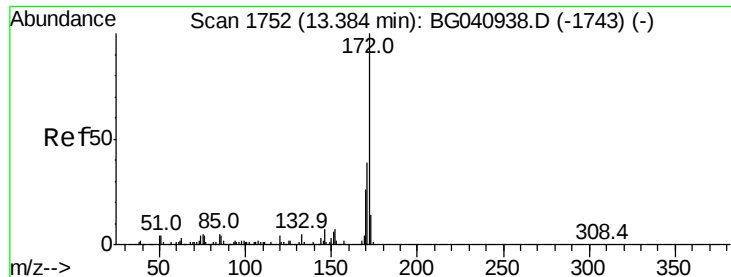
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	73.8	110.6
200	28.9	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.477 ng
 RT: 13.26 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	75.1	112.7
97	44.9	35.6	53.4
132	23.2	16.7	25.1

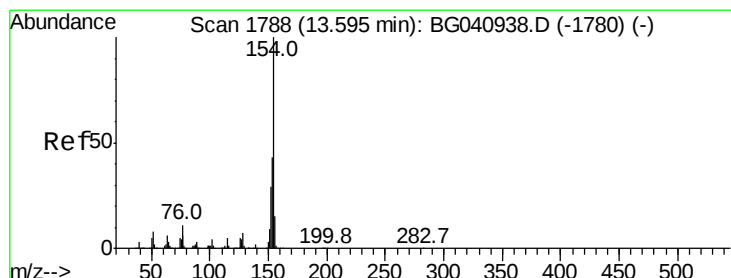
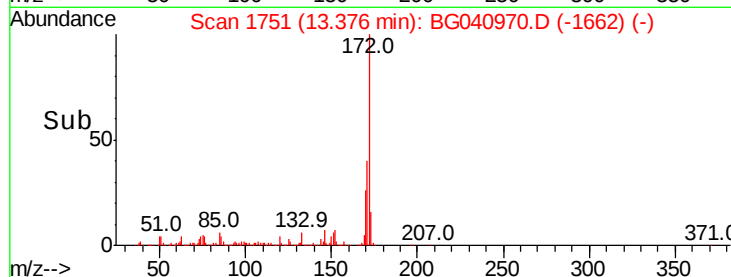
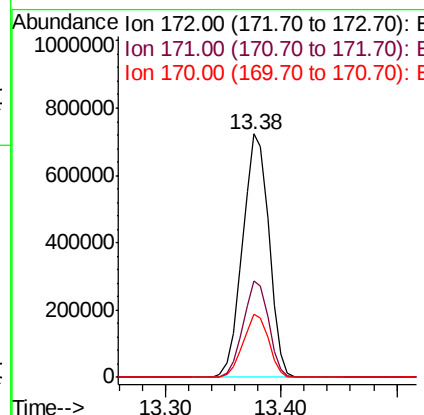
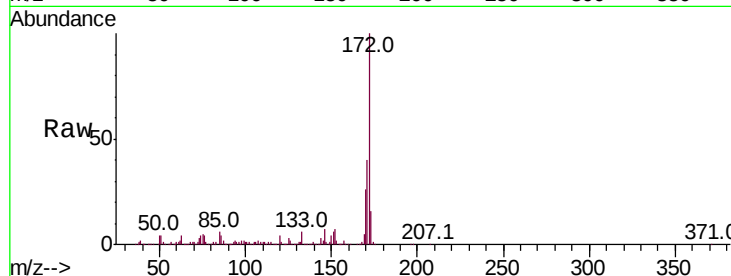




#45
2-Fluorobiphenyl
Concen: 85.584 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

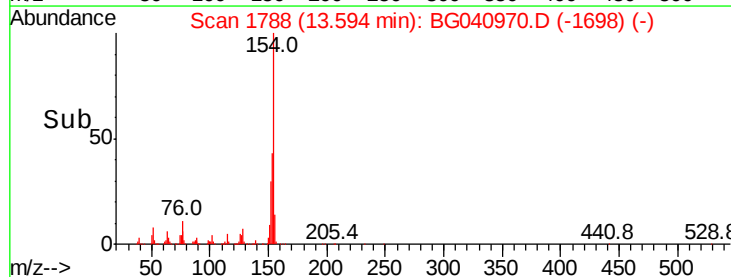
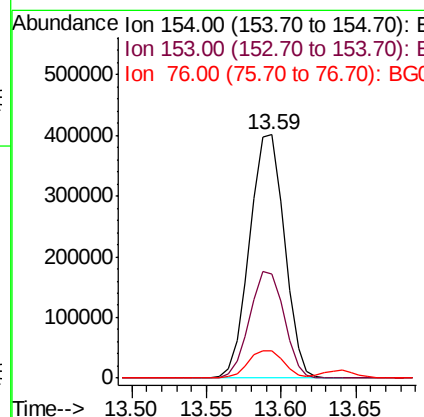
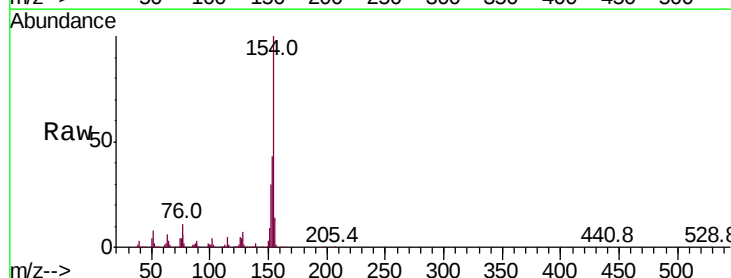
Instrument :
BNA_G
ClientSampleId :

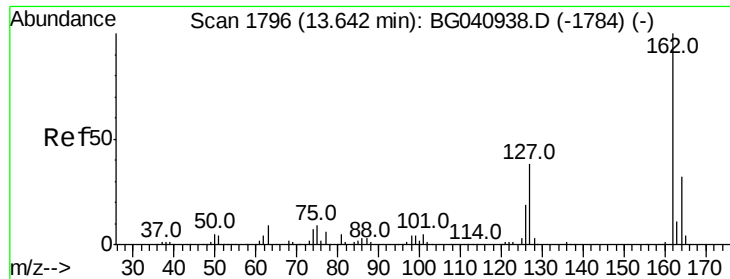
Tot Ion:172 Resp: 1141582
Ion Ratio Lower Upper
172 100
171 39.8 31.1 46.7
170 26.1 20.5 30.7



#46
1,1'-Biphenyl
Concen: 45.444 ng
RT: 13.59 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:154 Resp: 646173
Ion Ratio Lower Upper
154 100
153 42.9 23.3 63.3
76 11.1 0.0 31.1

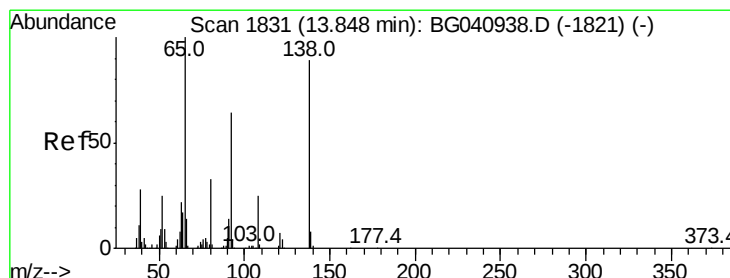
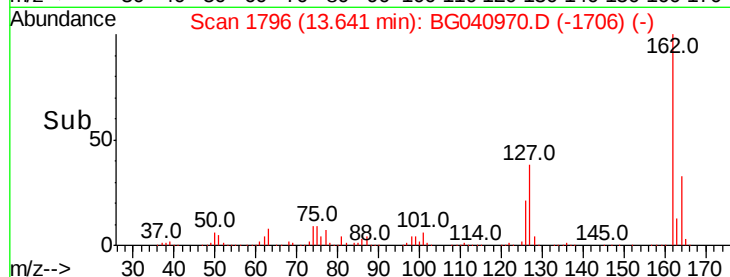
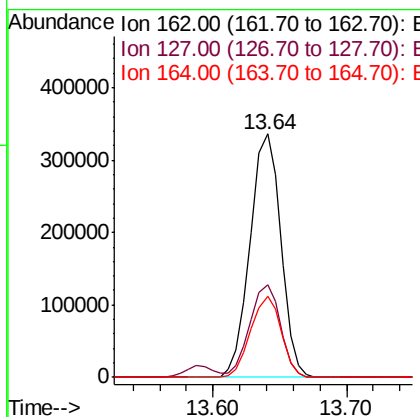
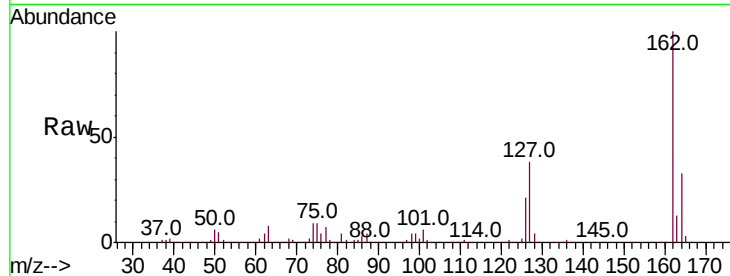




#47
 2-Chloronaphthalene
 Concen: 43.706 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

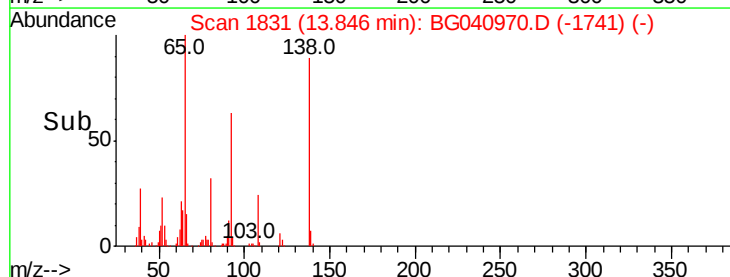
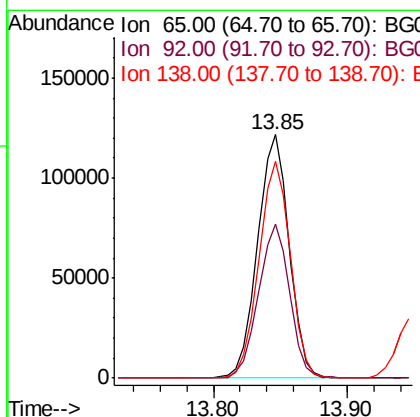
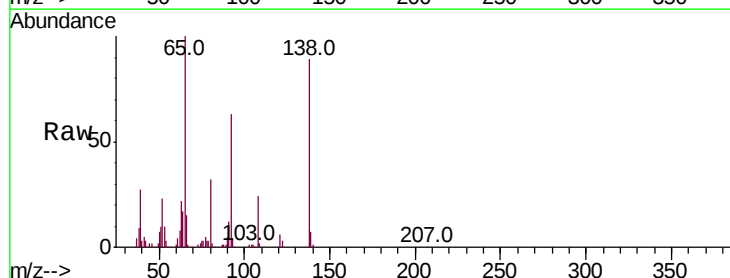
Instrument :
 BNA_G
 ClientSampleId :

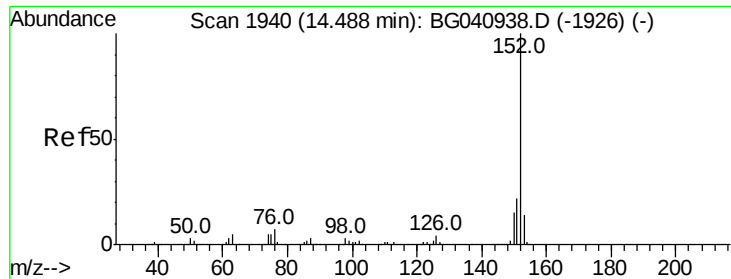
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	33.1	25.8	38.6



#48
 2-Nitroaniline
 Concen: 45.236 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.5	51.0	76.6
138	89.0	71.2	106.8





#49

Acenaphthylene

Concen: 45.294 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

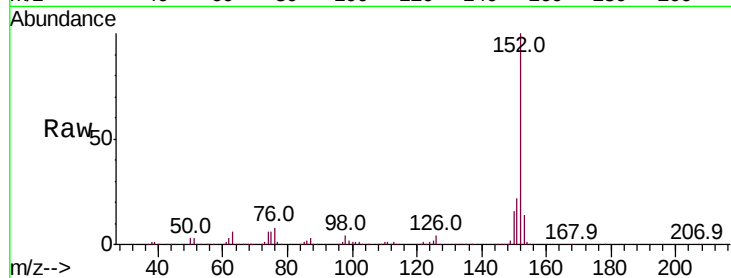
Tot Ion:152 Resp: 832131

Ion Ratio Lower Upper

152 100

151 22.0 17.4 26.0

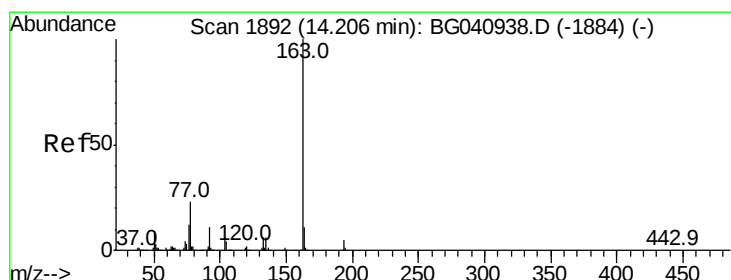
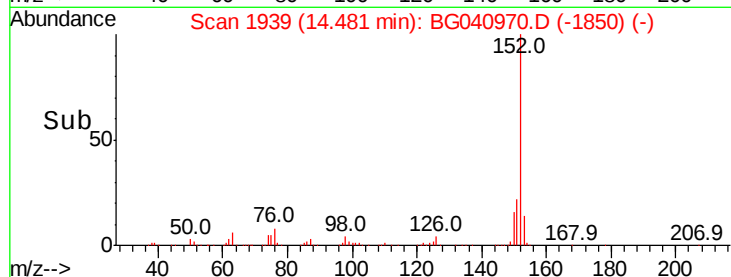
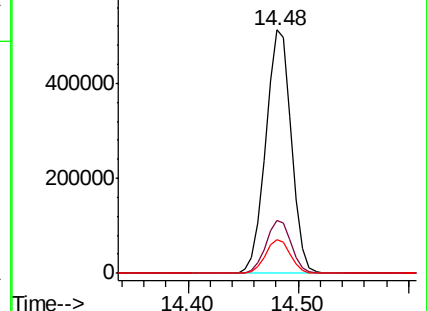
153 14.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.637 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

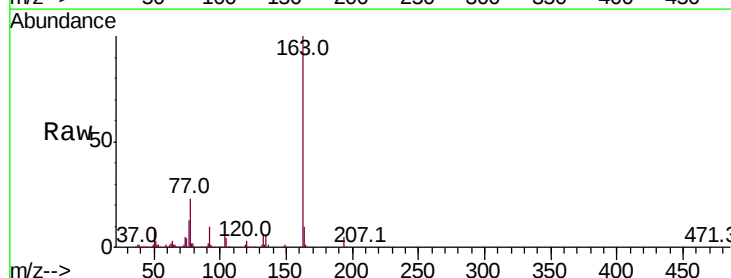
Tgt Ion:163 Resp: 725827

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

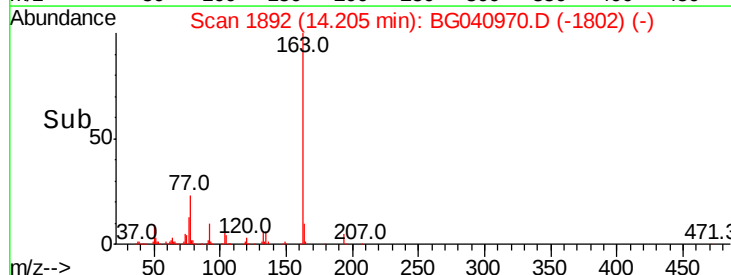
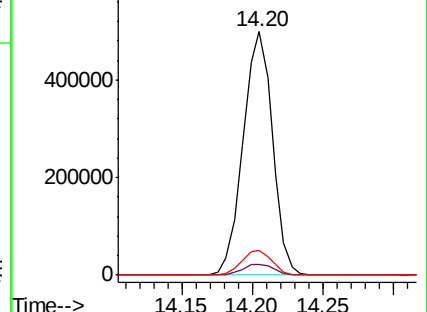
164 10.3 8.7 13.1

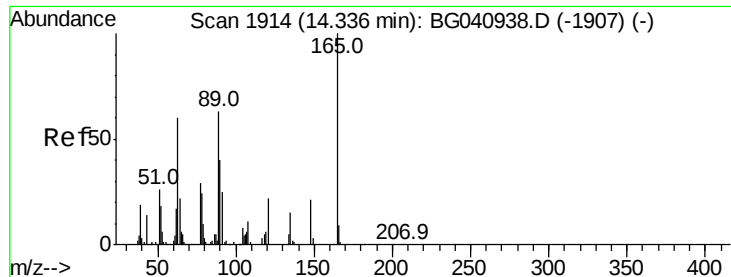


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.539 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampled :

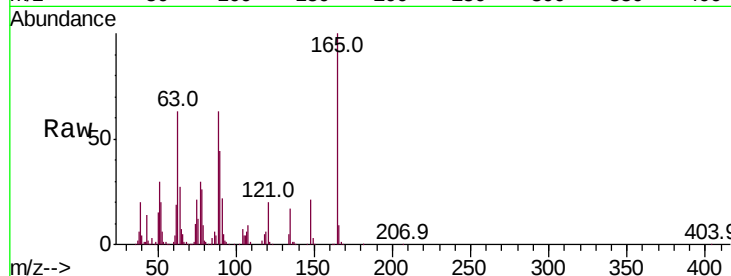
Tot Ion:165 Resp: 159655

Ion Ratio Lower Upper

165 100

63 62.9 53.6 80.4

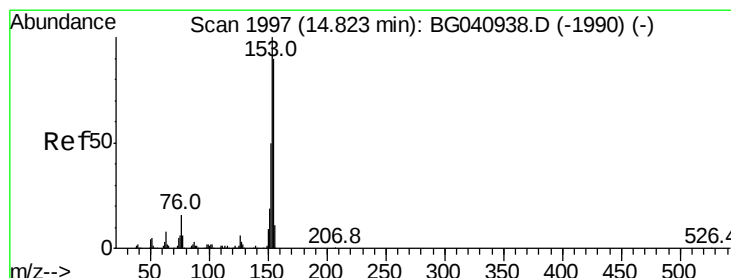
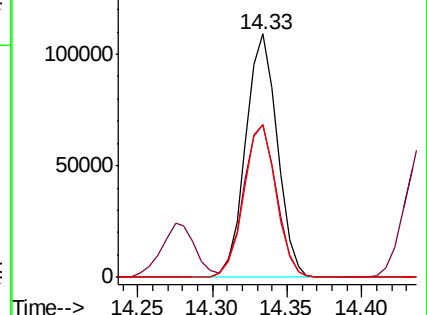
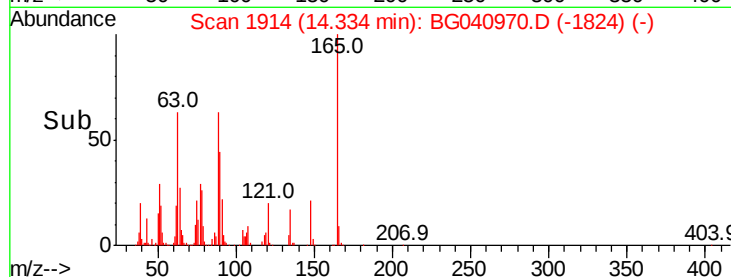
89 62.6 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 43.961 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

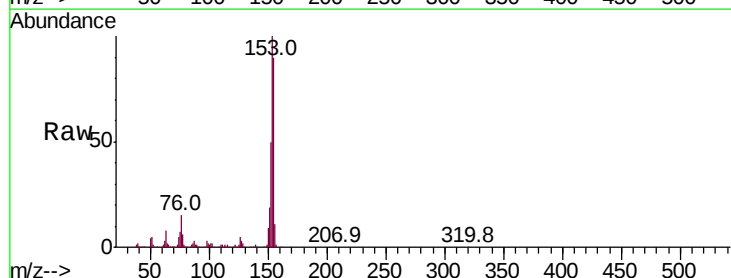
Tgt Ion:154 Resp: 489271

Ion Ratio Lower Upper

154 100

153 110.9 88.6 133.0

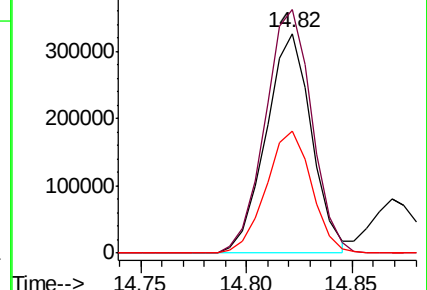
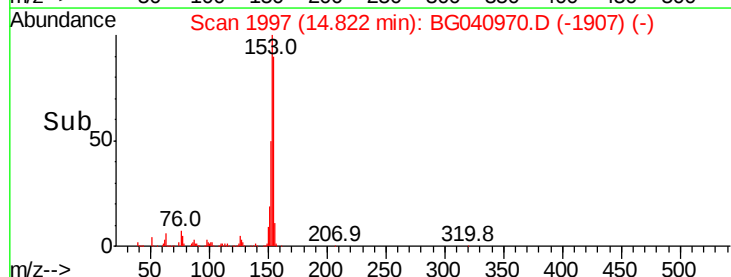
152 55.7 44.2 66.4

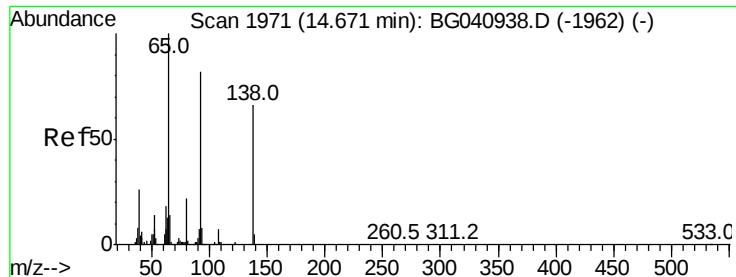


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

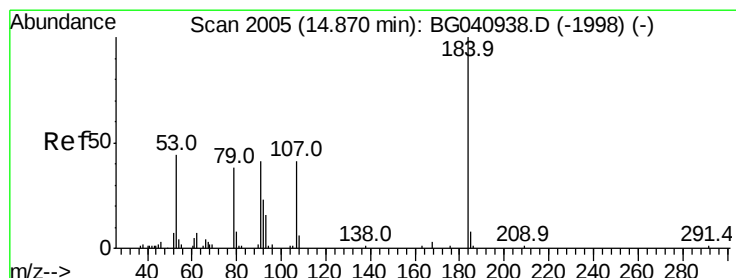
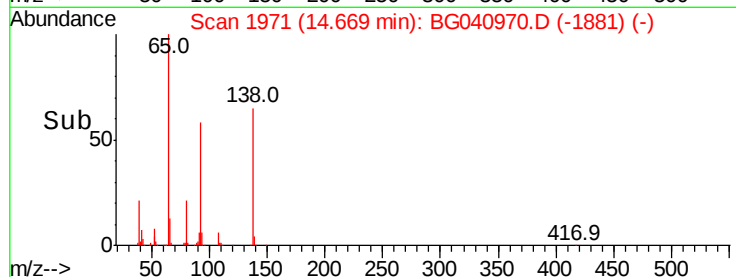
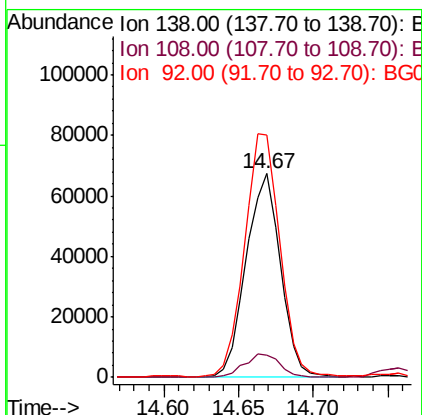
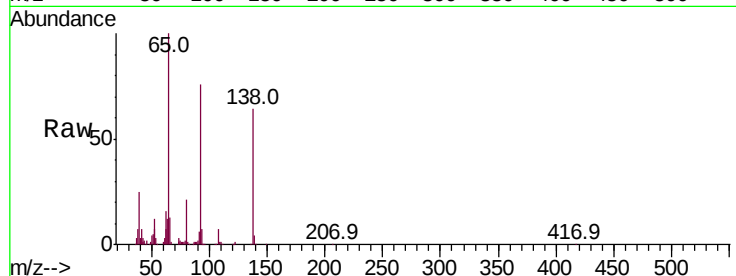




#53
3-Nitroaniline
Concen: 30.566 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

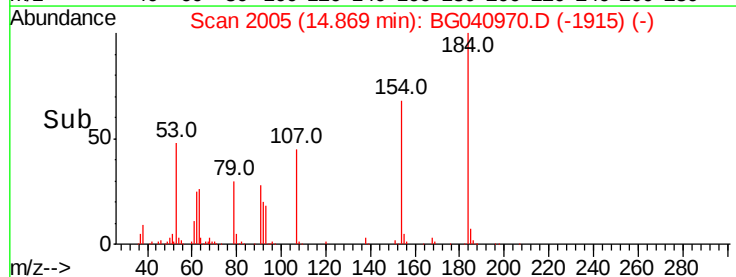
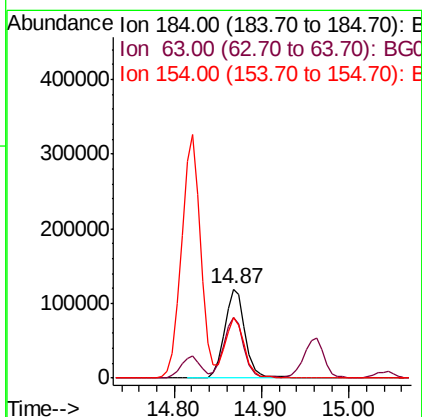
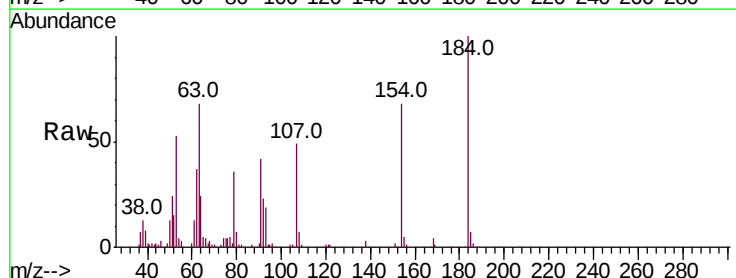
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 107158
Ion Ratio Lower Upper
138 100
108 10.8 8.5 12.7
92 119.1 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 96.761 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:184 Resp: 192666
Ion Ratio Lower Upper
184 100
63 68.3 49.8 74.6
154 67.6 52.2 78.4





#55

Dibenzofuran

Concen: 44.854 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

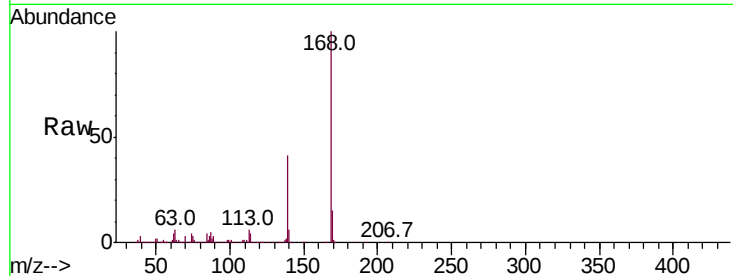
Tot Ion:168 Resp: 839998

Ion Ratio Lower Upper

168 100

139 41.3 32.8 49.2

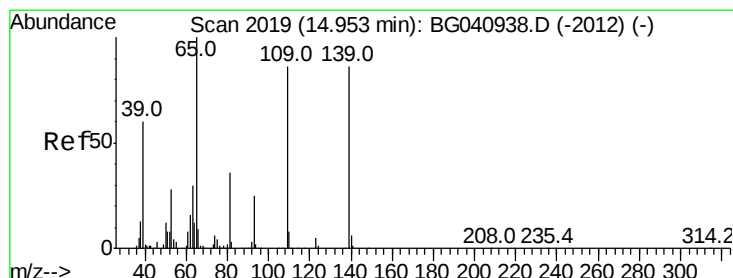
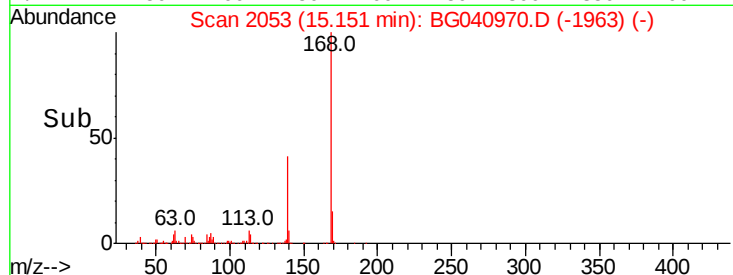
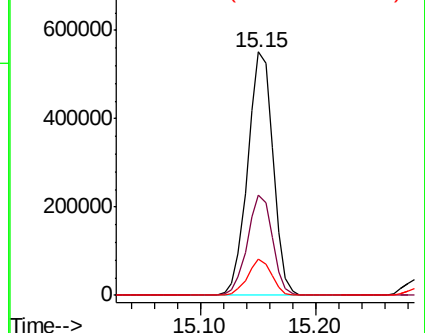
169 14.8 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 92.641 ng

RT: 14.96 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

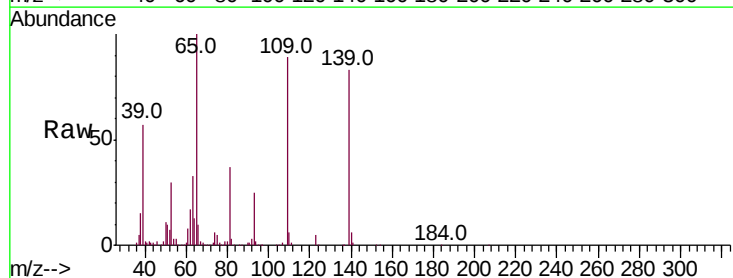
Tgt Ion:139 Resp: 222770

Ion Ratio Lower Upper

139 100

109 106.7 79.6 119.6

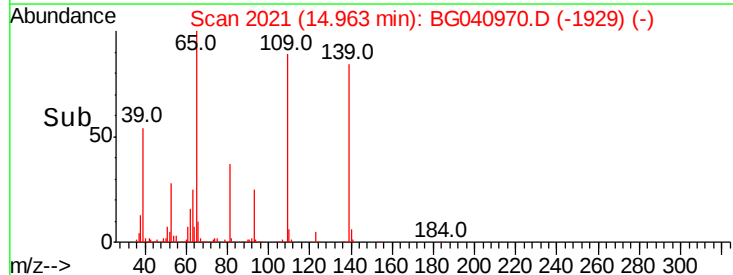
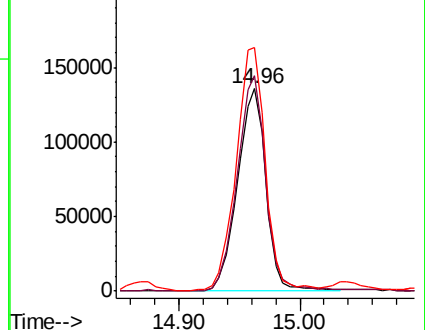
65 120.4 96.9 136.9

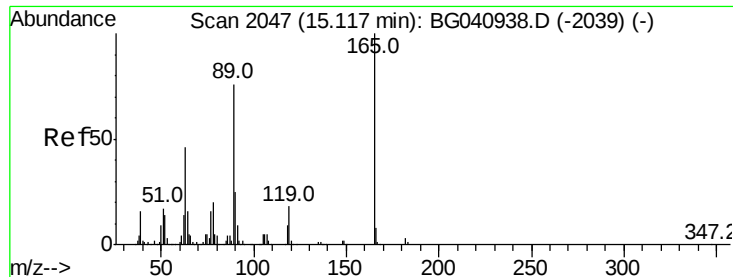


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

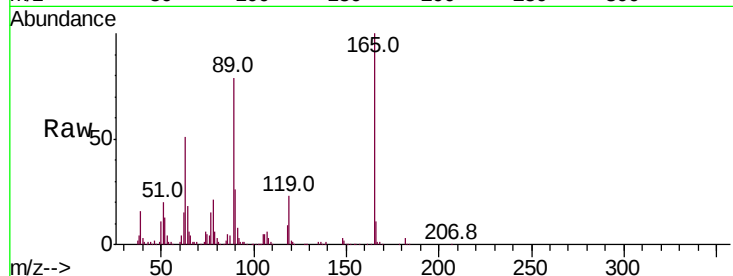




#57
2,4-Dinitrotoluene
Concen: 46.938 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	37.3	55.9
89	79.4	61.0	91.6
182	3.3	2.2	3.2#



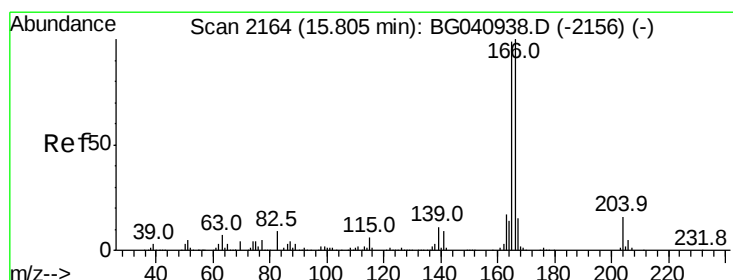
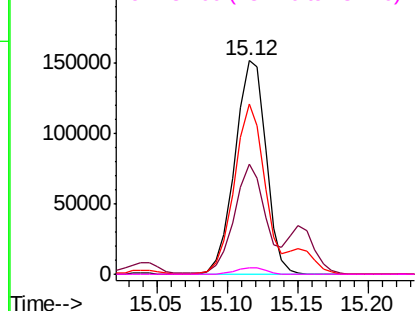
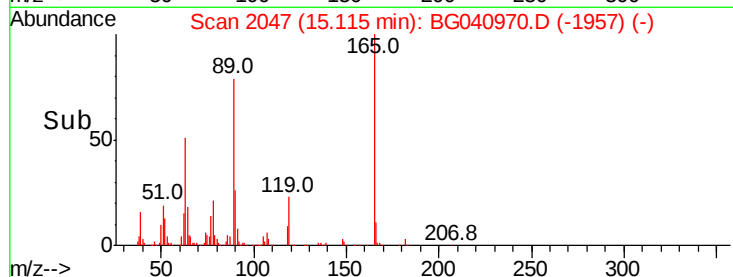
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

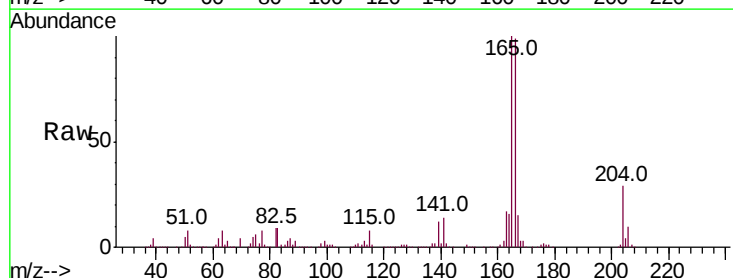
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.263 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.2	118.8
167	15.3	11.8	17.6

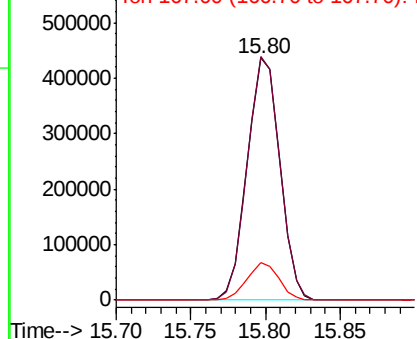
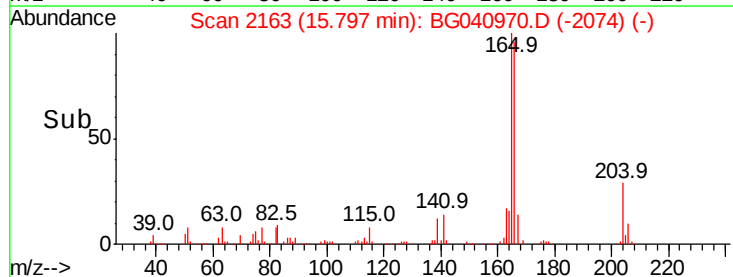


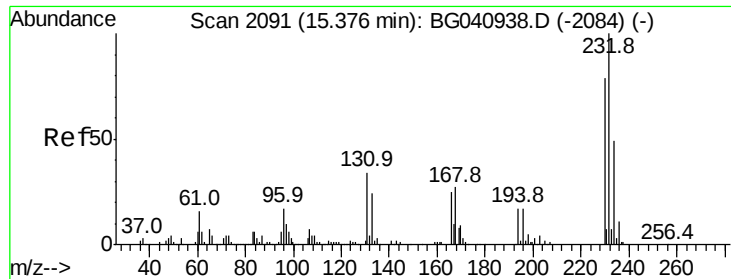
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

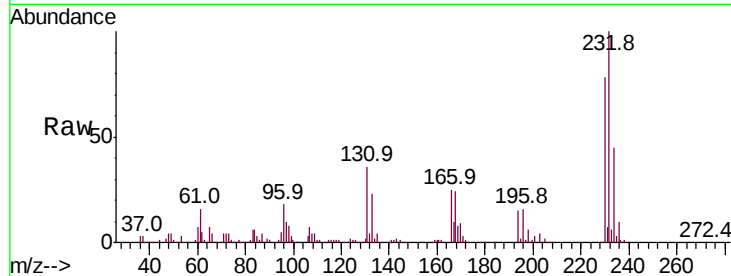




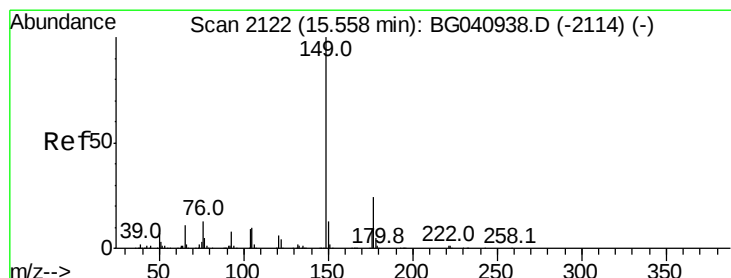
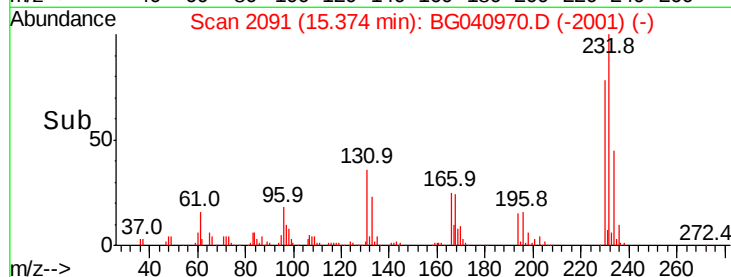
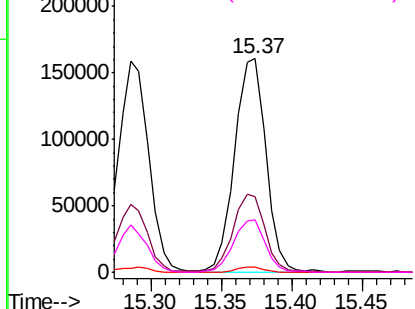
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.341 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	250945
Ion	Ratio	Lower	Upper
232	100		
131	36.8	30.3	45.5
130	2.2	1.8	2.8
166	25.2	21.3	31.9

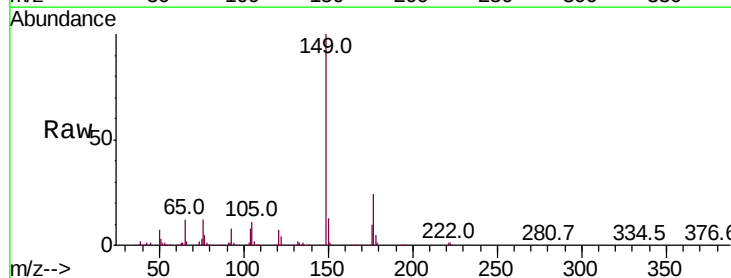


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

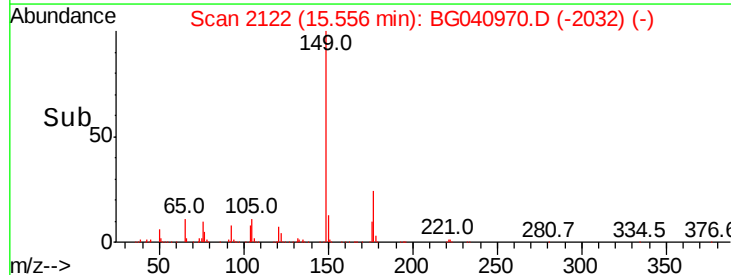
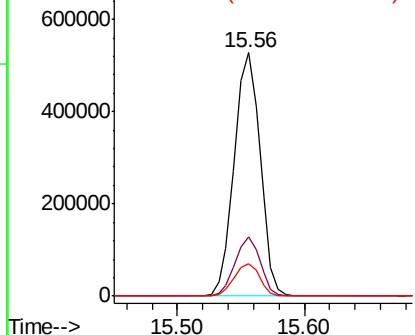


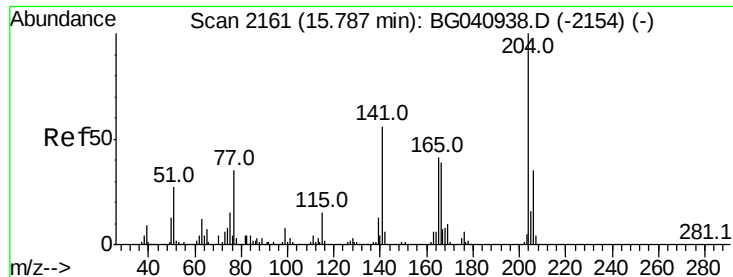
#60
 Diethylphthalate
 Concen: 44.862 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG040970.D
 Acq: 31 May 2019 3:47

Tgt Ion:	149	Resp:	744460
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.2	10.3	15.5



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





#61

4-Chlorophenyl-phenylether

Concen: 43.853 ng

RT: 15.79 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

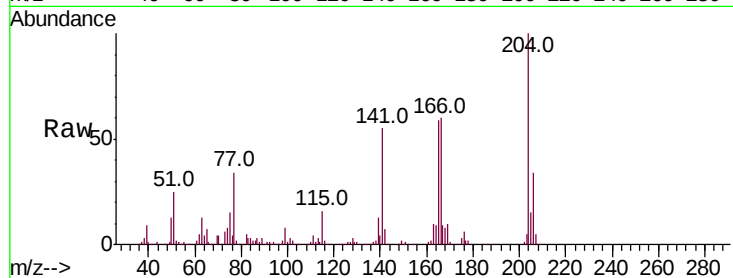
Tot Ion:204 Resp: 425104

Ion Ratio Lower Upper

204 100

206 34.4 27.6 41.4

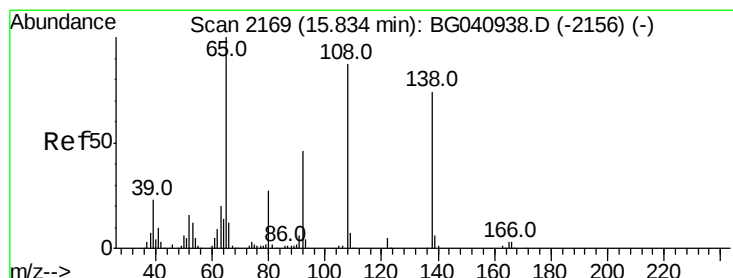
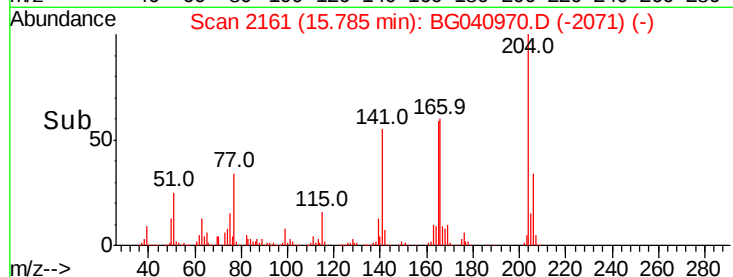
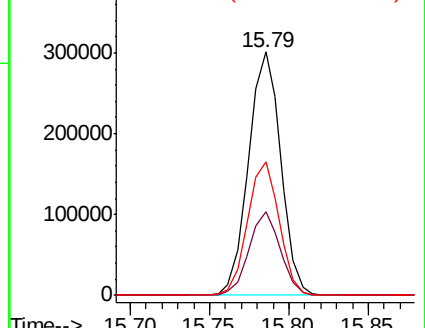
141 54.7 45.1 67.7



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



#62

4-Nitroaniline

Concen: 41.213 ng

RT: 15.83 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

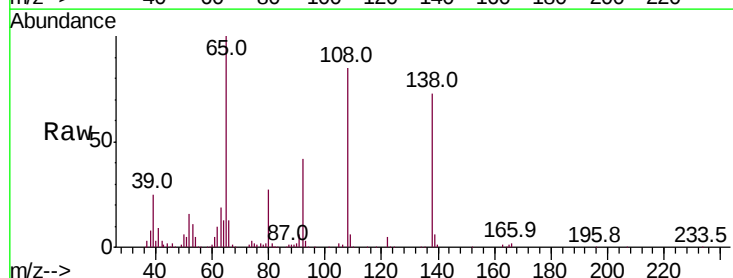
Tgt Ion:138 Resp: 152964

Ion Ratio Lower Upper

138 100

92 57.4 42.4 82.4

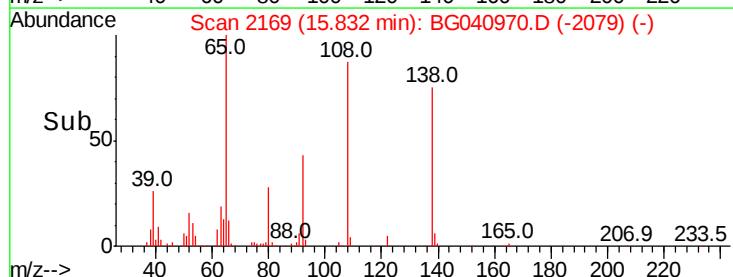
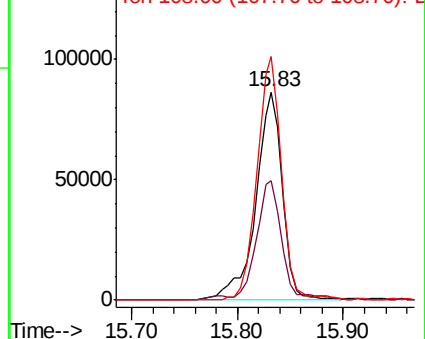
108 117.2 96.9 136.9

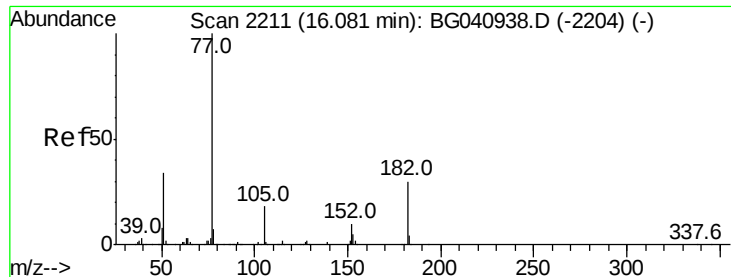


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

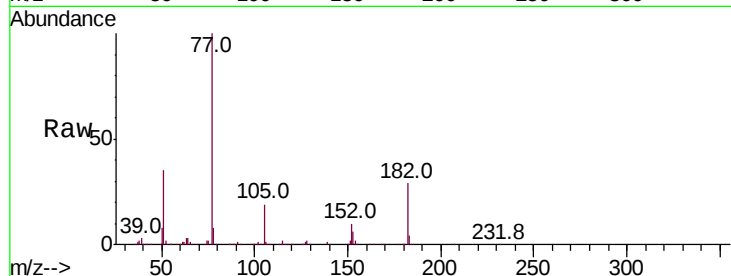




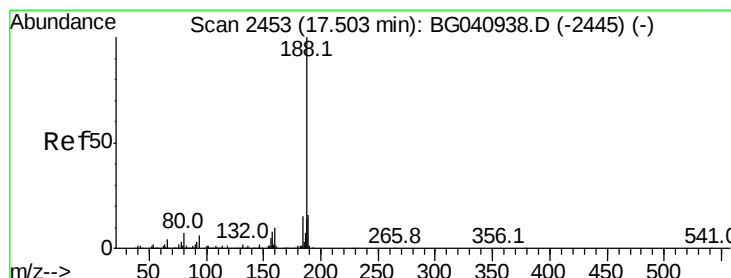
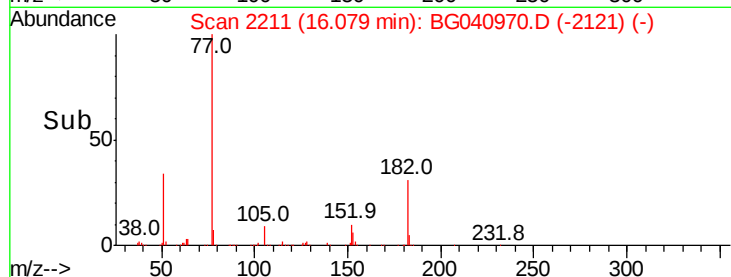
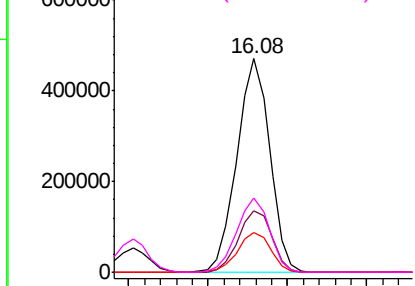
#63
Azobenzene
Concen: 44.847 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	676396
Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.6	49.6
105	18.6	0.0	37.5
51	34.9	13.7	53.7

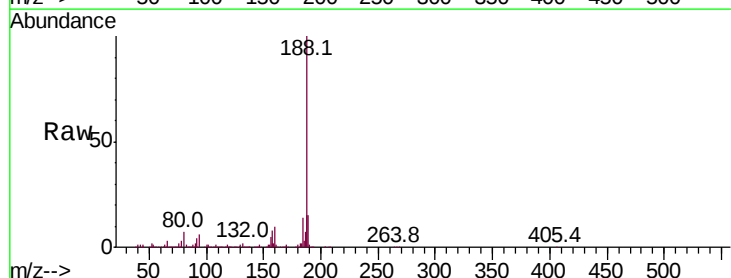


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

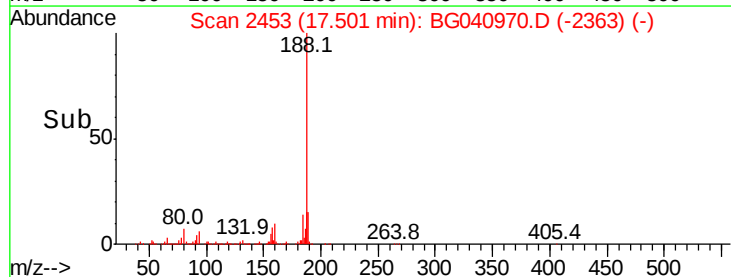
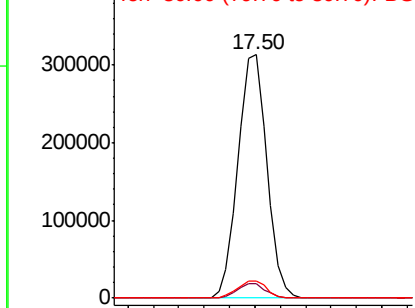


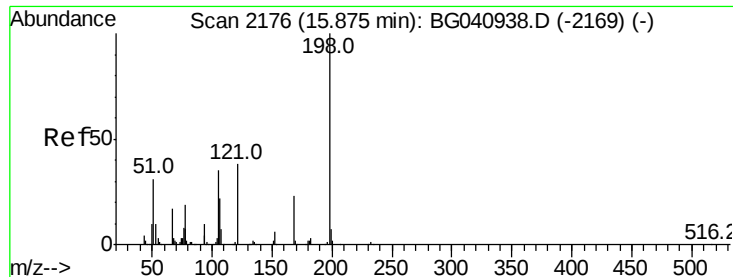
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:	188	Resp:	494538
Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.8	5.8	8.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 50.022 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

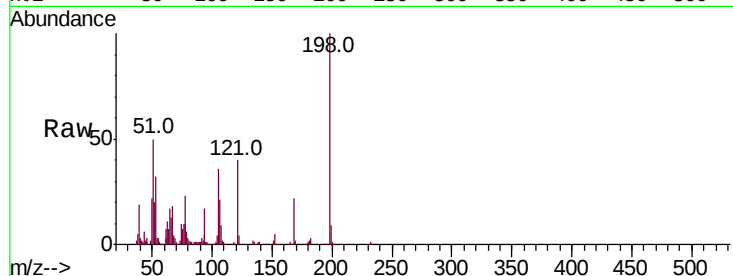
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 133729

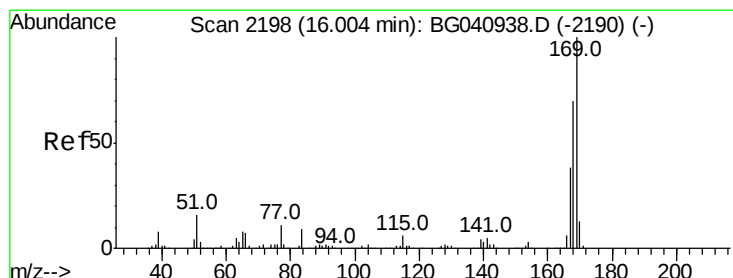
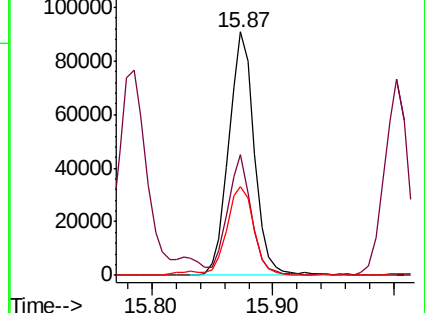
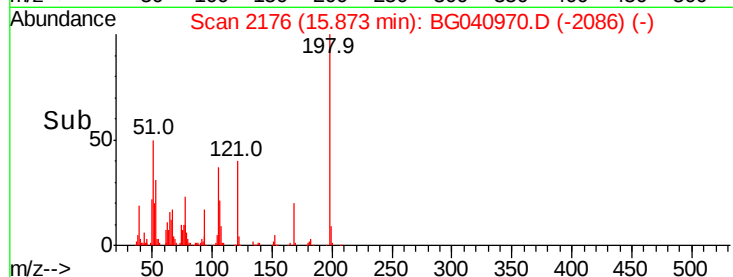
Ion	Ratio	Lower	Upper
198	100		
51	49.8	21.6	61.6
105	36.4	17.5	57.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.210 ng

RT: 16.00 min Scan# 2198

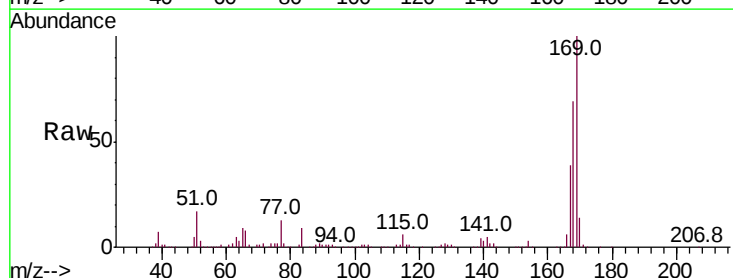
Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:169 Resp: 614611

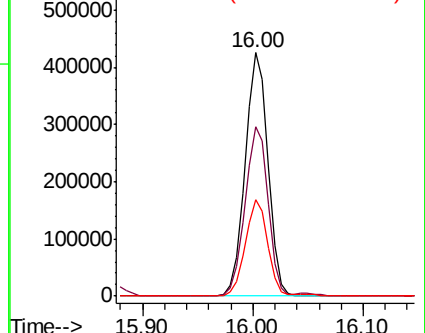
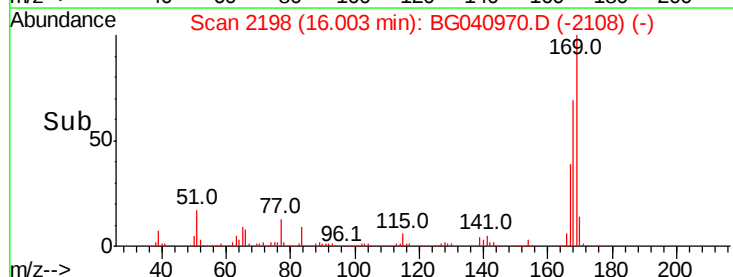
Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.7	83.5
167	39.4	30.2	45.2

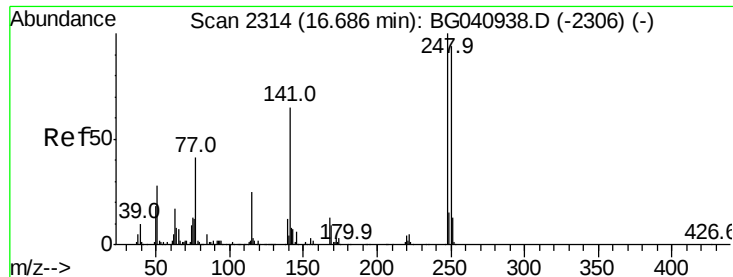


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

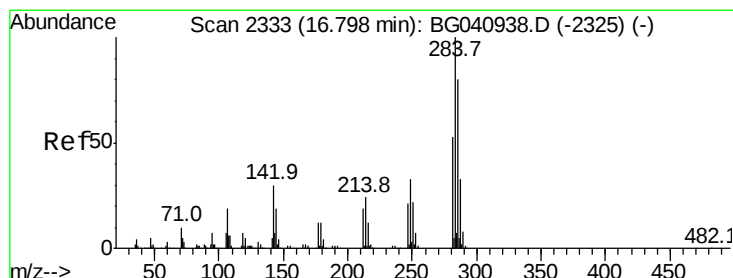
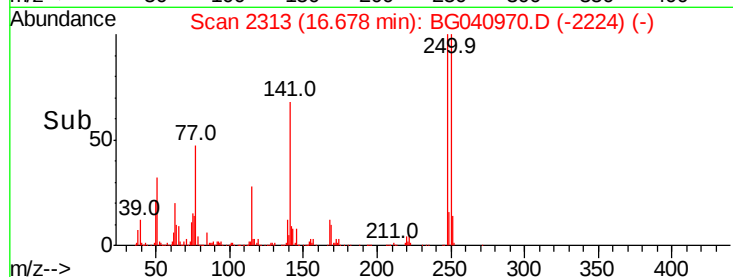
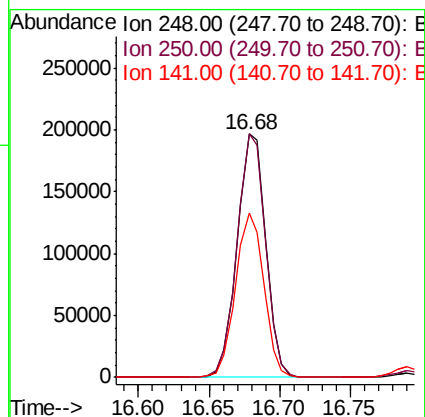
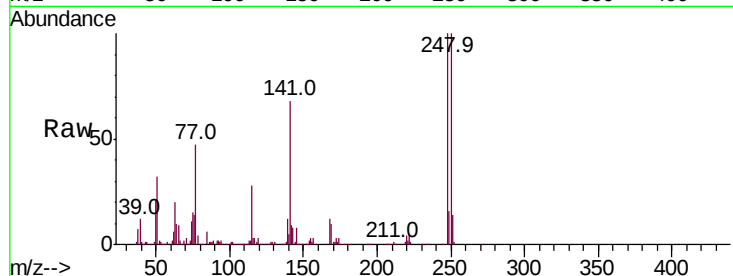




#67
4-Bromophenyl-phenylether
Concen: 41.588 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

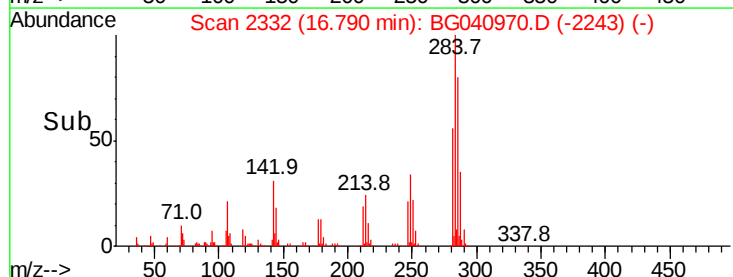
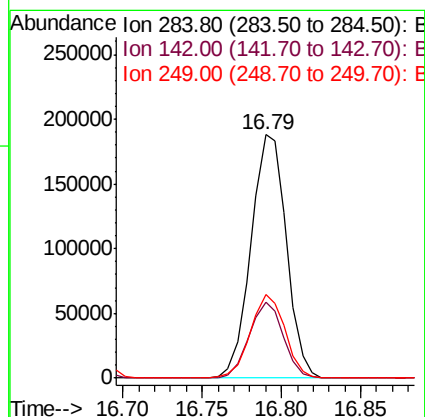
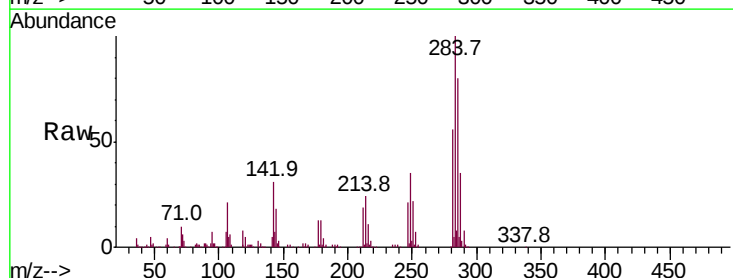
Instrument :
BNA_G
ClientSampleId :

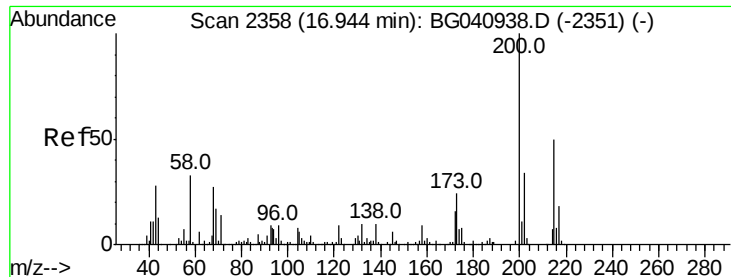
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	75.0	112.4
141	67.7	52.4	78.6



#68
Hexachlorobenzene
Concen: 40.985 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	23.9	35.9
249	34.6	26.8	40.2





#69

Atrazine

Concen: 50.738 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampled :

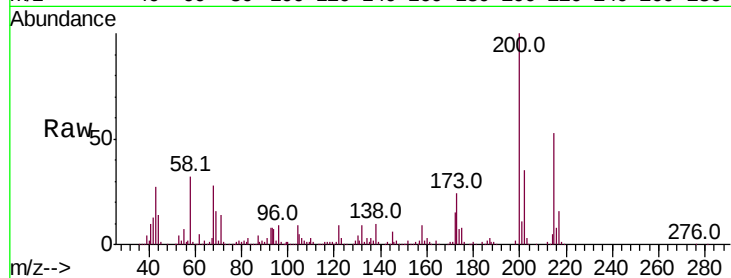
Tot Ion:200 Resp: 272167

Ion Ratio Lower Upper

200 100

173 23.7 3.6 43.6

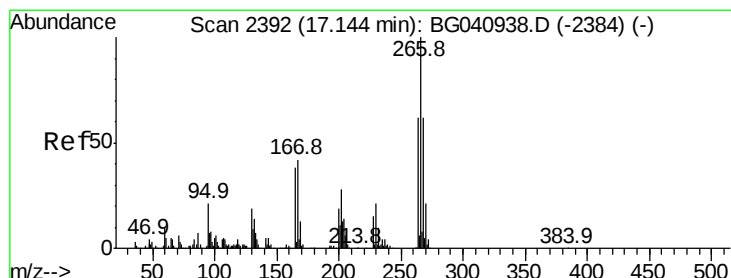
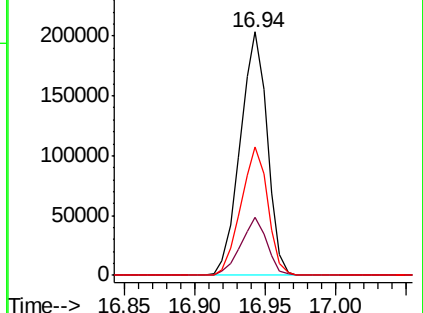
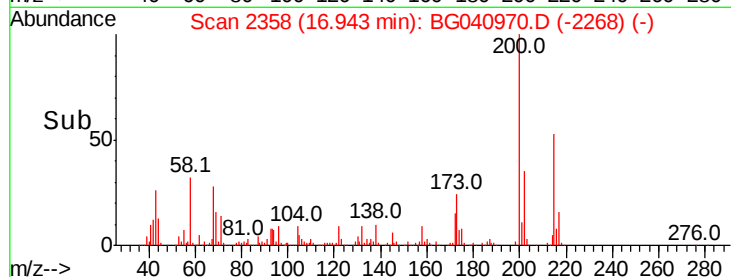
215 52.9 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 92.811 ng

RT: 17.14 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

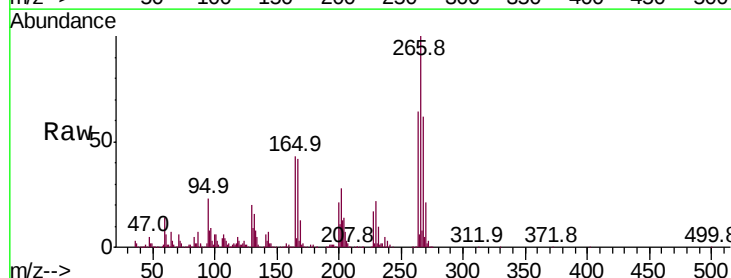
Tgt Ion:266 Resp: 356079

Ion Ratio Lower Upper

266 100

268 62.1 53.1 79.7

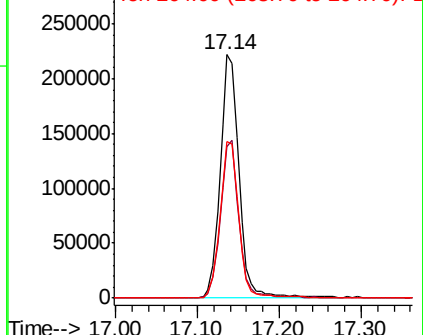
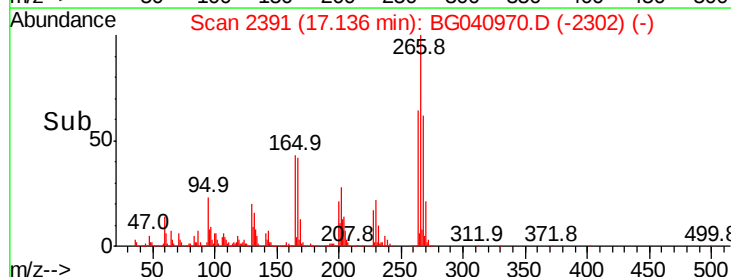
264 64.5 49.9 74.9

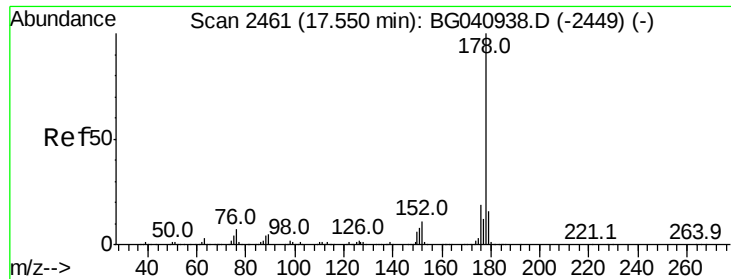


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

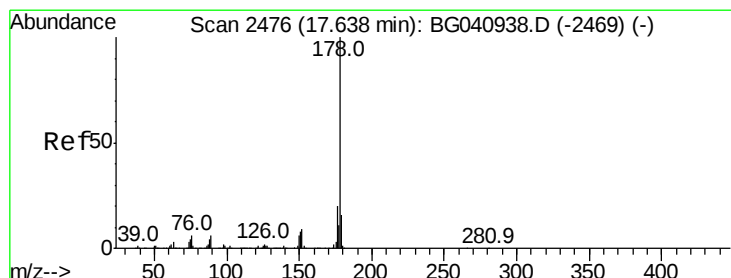
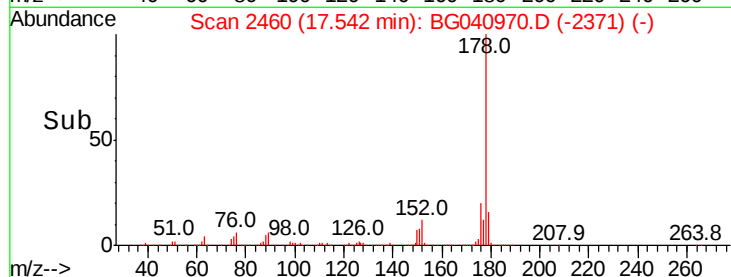
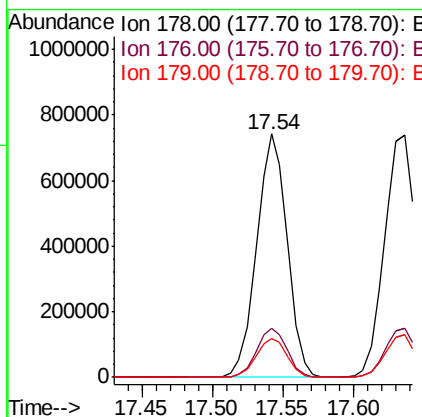
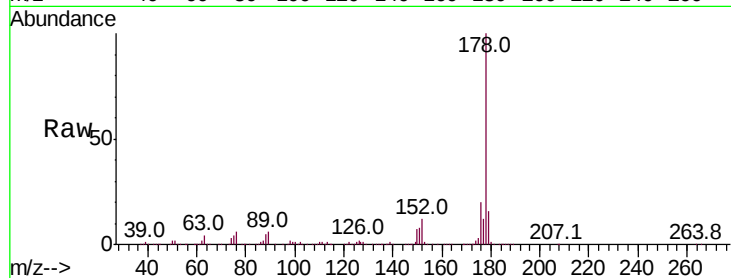




#71
Phenanthrene
Concen: 43.715 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

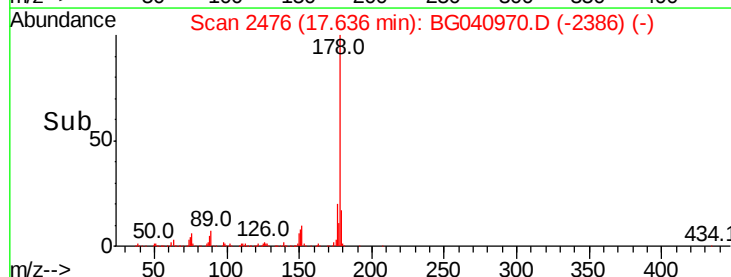
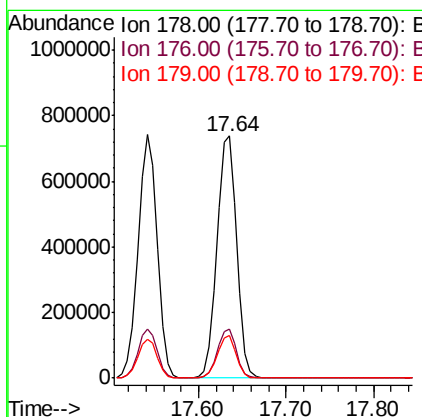
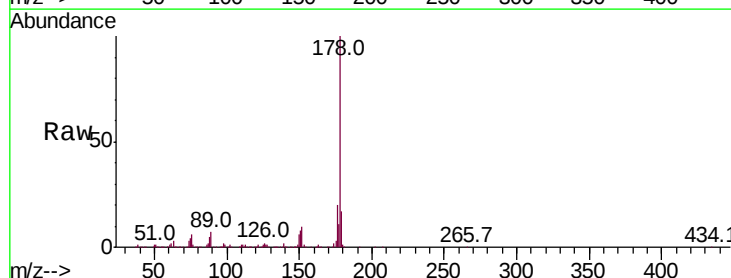
Instrument :
BNA_G
ClientSampled :

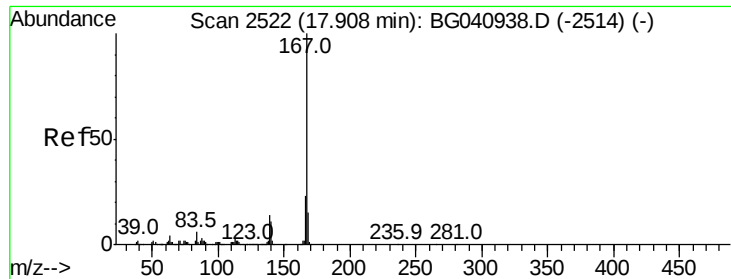
Tot Ion:178 Resp: 1126087
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.1 12.7 19.1



#72
Anthracene
Concen: 45.400 ng
RT: 17.64 min Scan# 2476
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:178 Resp: 1153437
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 17.4 13.0 19.4





#73

Carbazole

Concen: 46.479 ng

RT: 17.91 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

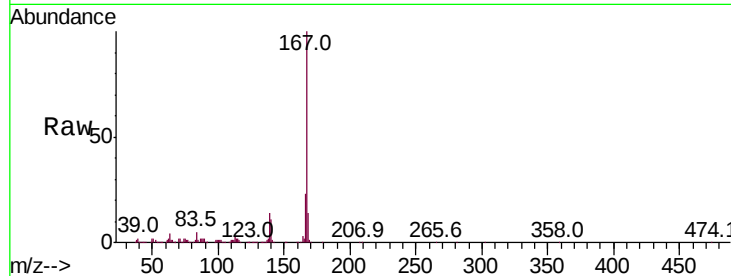
Tot Ion:167 Resp: 1013225

Ion Ratio Lower Upper

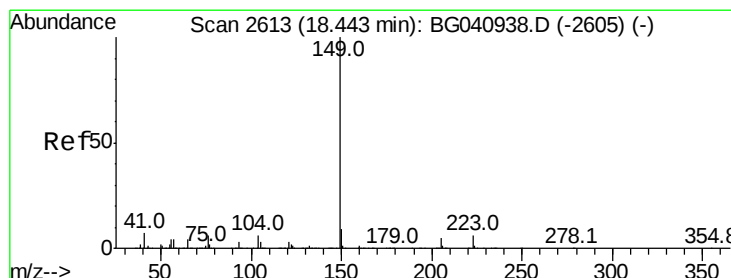
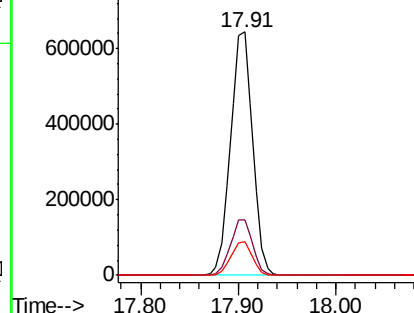
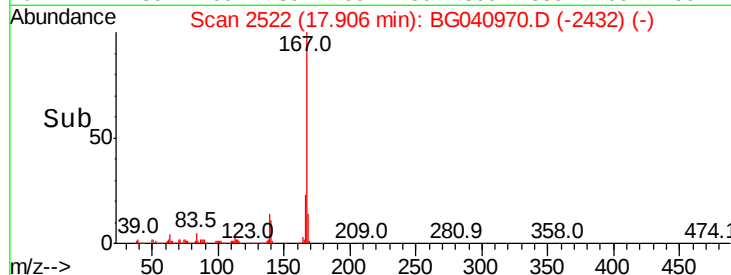
167 100

166 22.8 18.2 27.4

139 13.7 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.456 ng

RT: 18.43 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

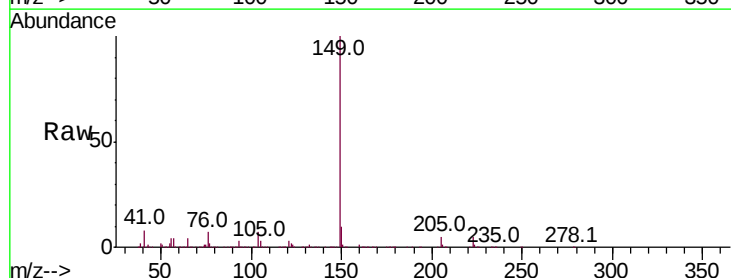
Tgt Ion:149 Resp: 1204485

Ion Ratio Lower Upper

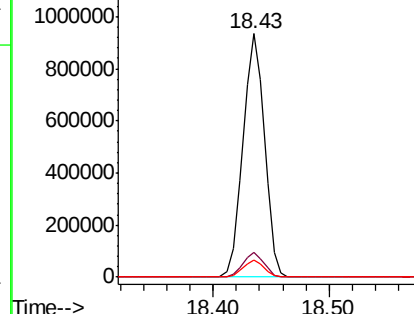
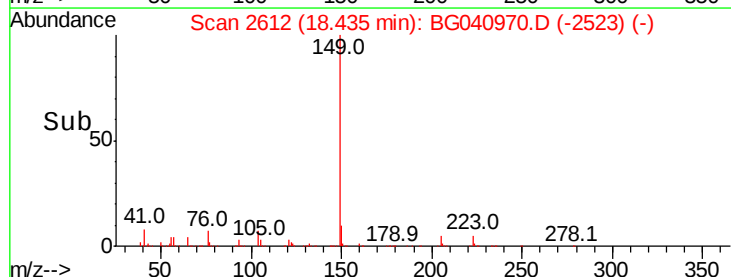
149 100

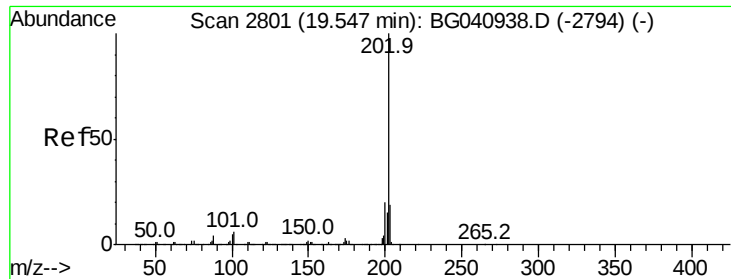
150 10.2 7.4 11.2

104 7.1 5.0 7.4



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





#75

Fluoranthene

Concen: 45.740 ng

RT: 19.55 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

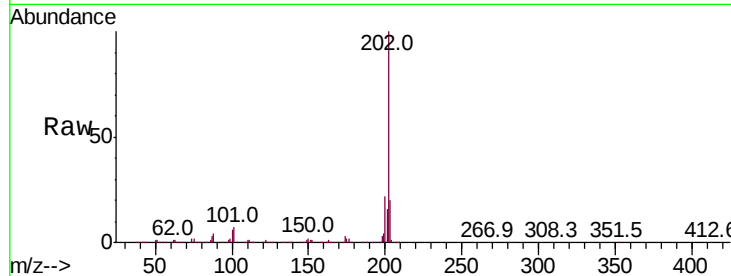
Tot Ion:202 Resp: 1455351

Ion Ratio Lower Upper

202 100

101 6.7 0.0 26.2

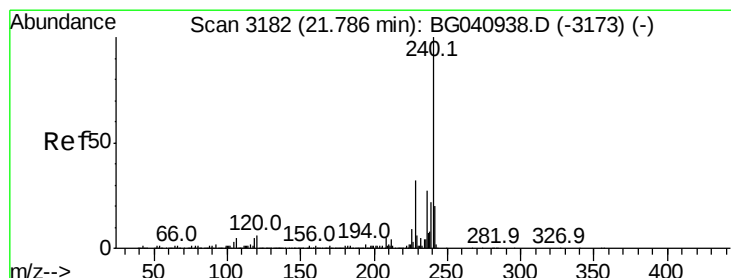
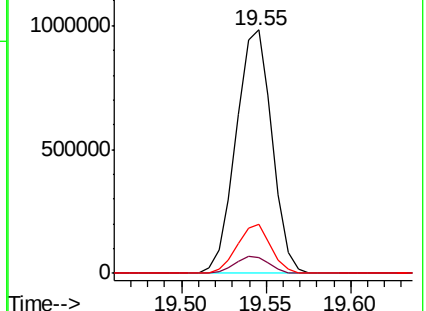
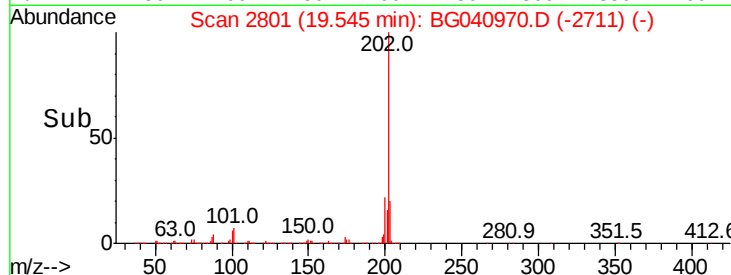
203 20.1 0.0 38.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

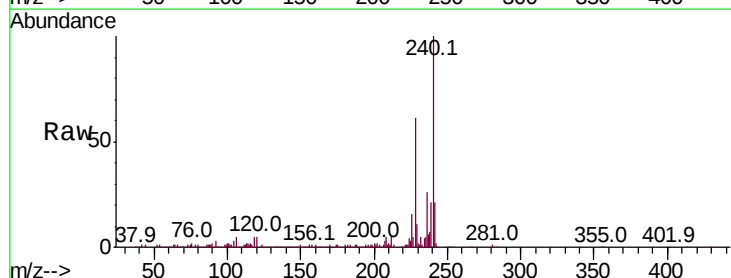
Tgt Ion:240 Resp: 489287

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

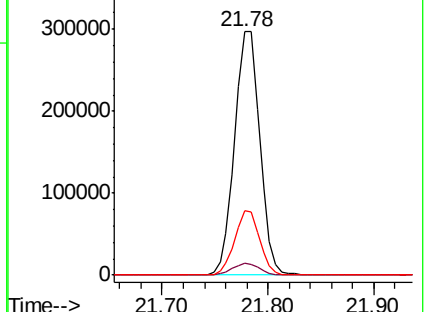
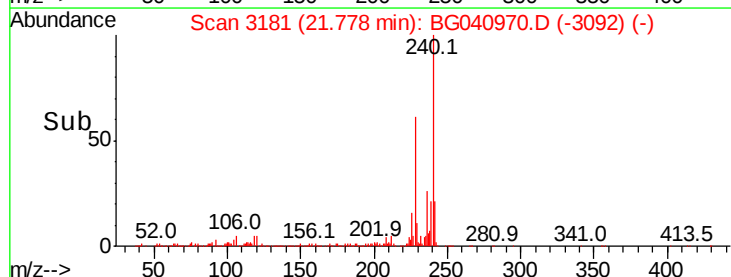
236 26.3 21.3 31.9

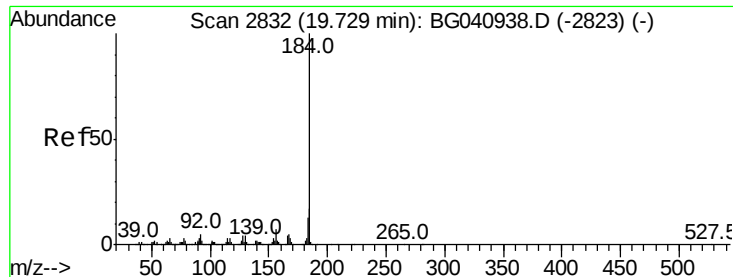


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.477 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

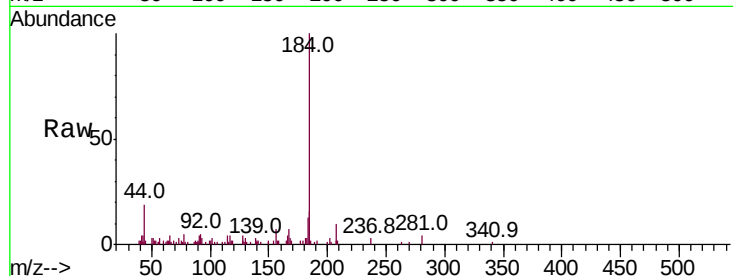
Tot Ion:184 Resp: 28914

Ion Ratio Lower Upper

184 100

185 16.4 13.3 19.9

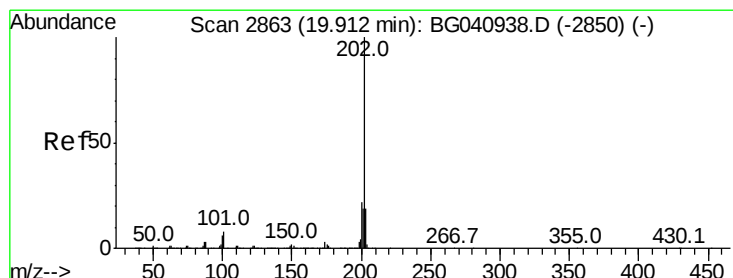
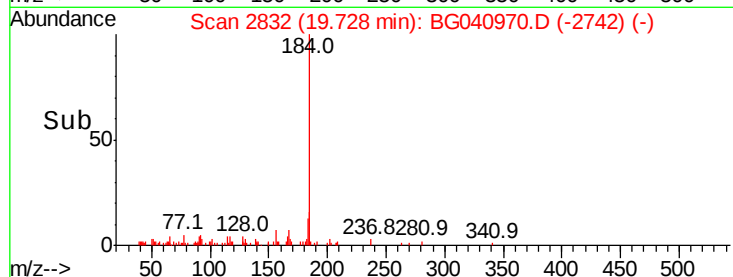
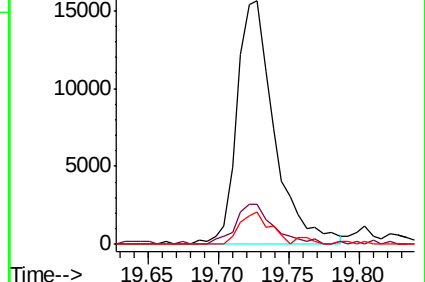
183 13.1 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.700 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

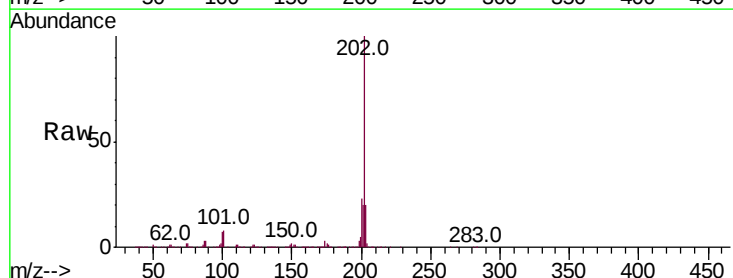
Tgt Ion:202 Resp: 1453582

Ion Ratio Lower Upper

202 100

200 22.7 17.5 26.3

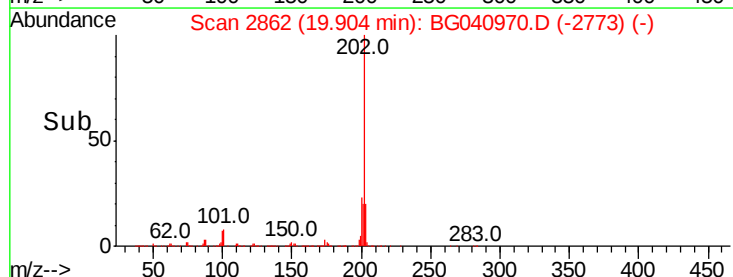
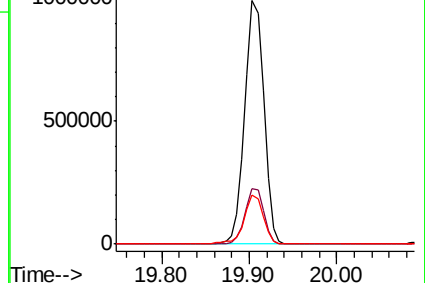
203 19.9 15.6 23.4

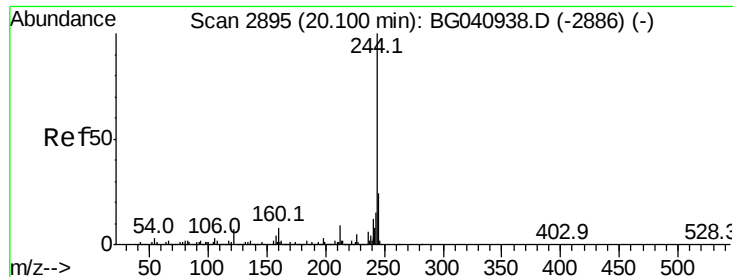


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.293 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

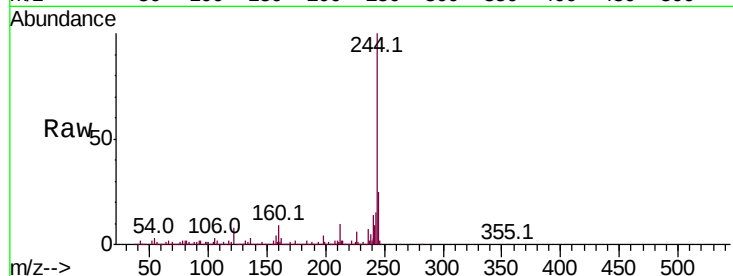
Tot Ion:244 Resp: 2035503

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.4

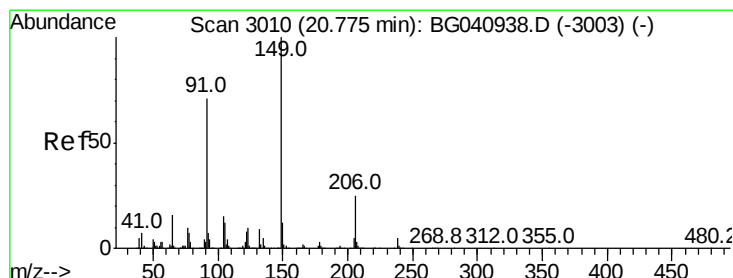
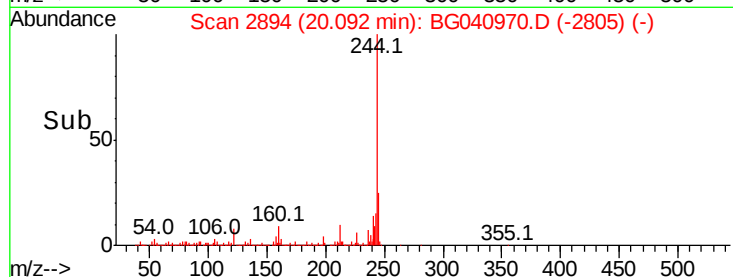
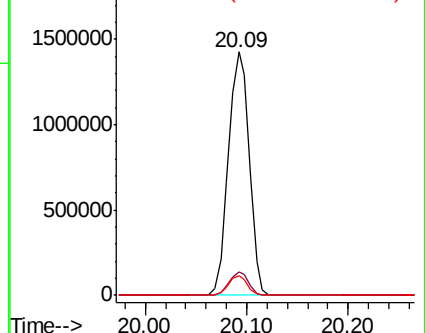
122 8.2 5.4 8.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.469 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

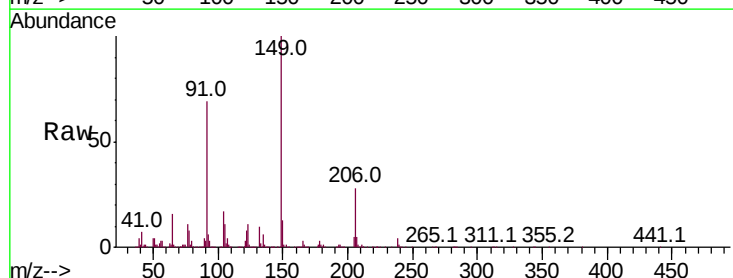
Tgt Ion:149 Resp: 562810

Ion Ratio Lower Upper

149 100

91 68.9 56.5 84.7

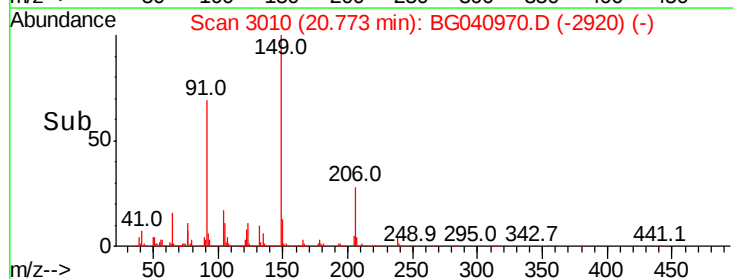
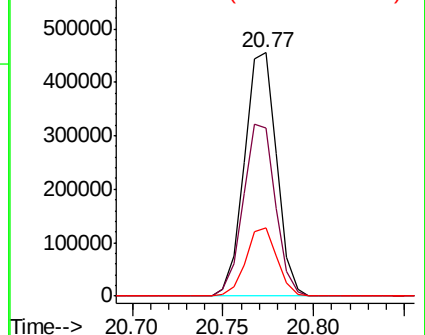
206 28.1 20.3 30.5

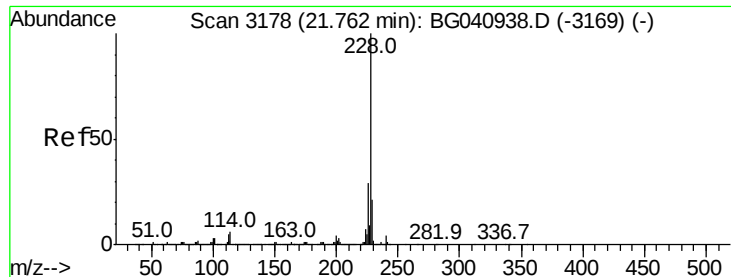


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.910 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampled :

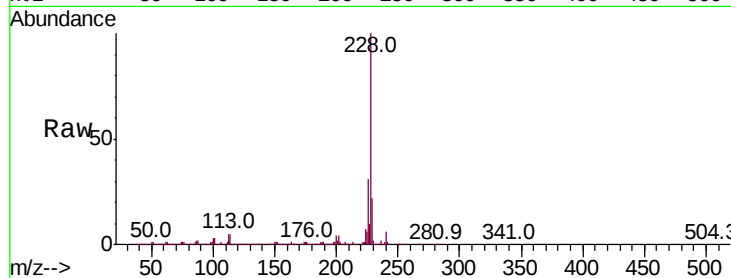
Tot Ion:228 Resp: 1397567

Ion Ratio Lower Upper

228 100

226 30.7 23.5 35.3

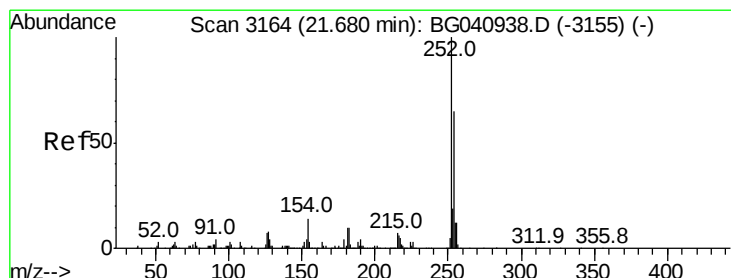
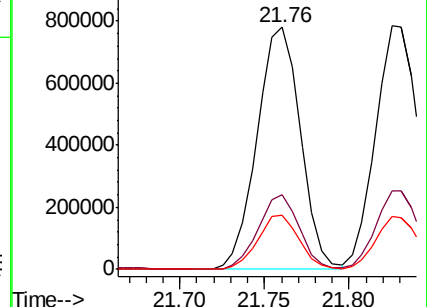
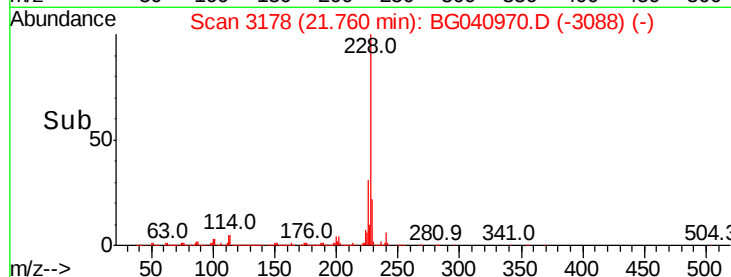
229 22.3 16.7 25.1



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



#82

3,3'-Dichlorobenzidine

Concen: 31.423 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

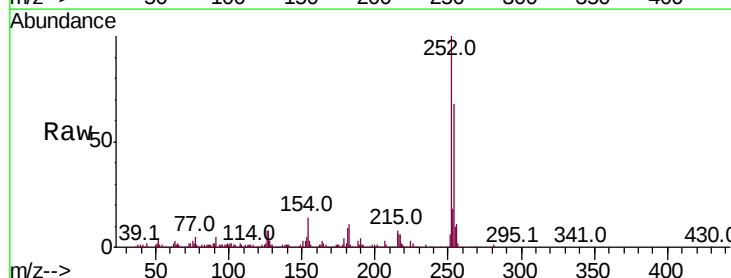
Tgt Ion:252 Resp: 359975

Ion Ratio Lower Upper

252 100

254 67.9 52.1 78.1

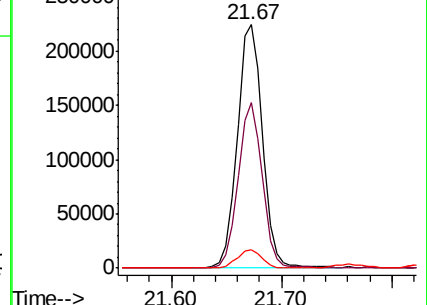
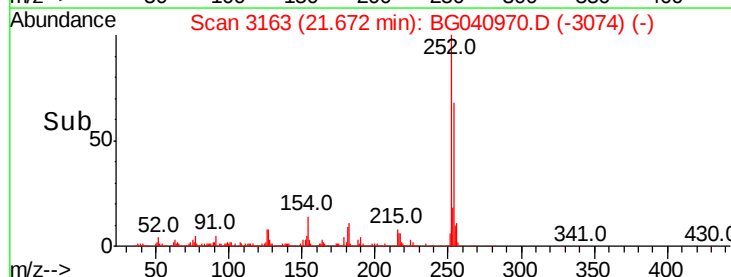
126 7.8 5.5 8.3

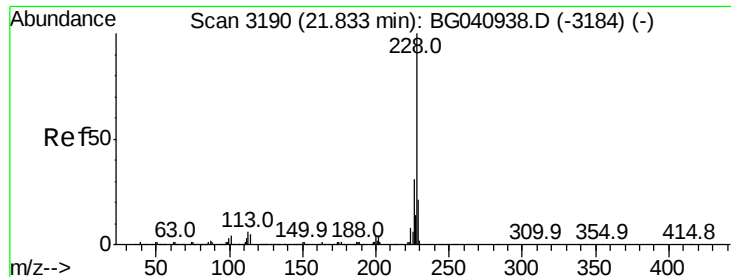


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.233 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampled :

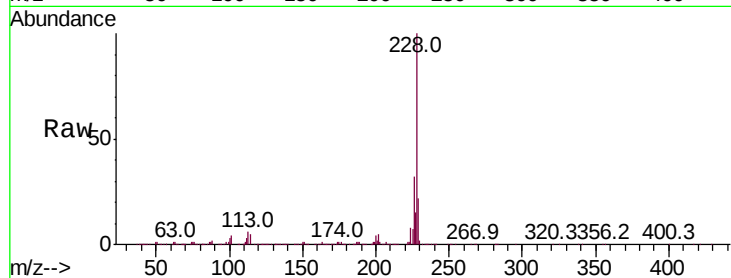
Tot Ion:228 Resp: 1378663

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.5	16.6	24.8

228 100

226 32.3 24.6 37.0

229 21.5 16.6 24.8

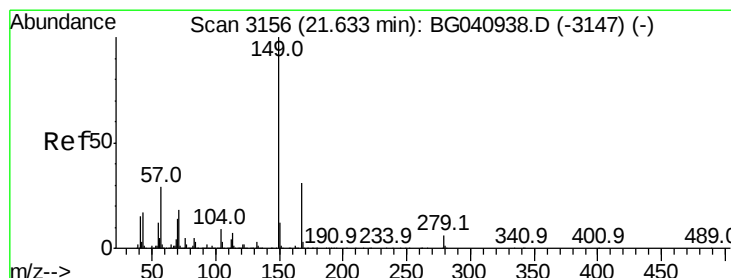
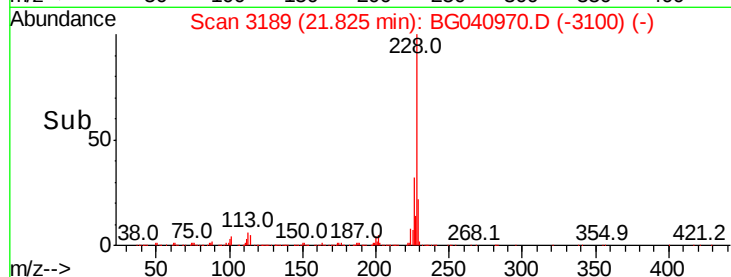
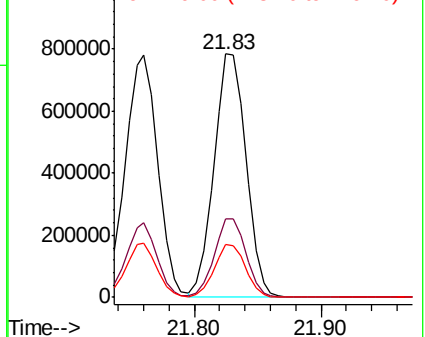


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.420 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

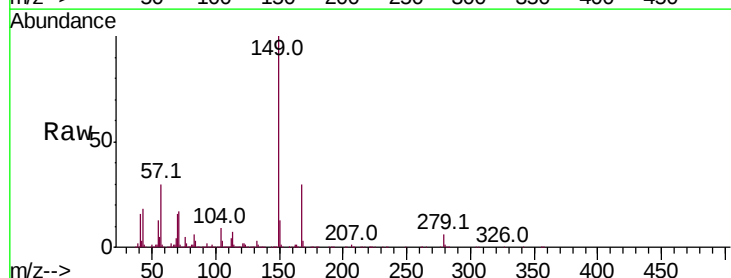
Tgt Ion:149 Resp: 756575

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.6	37.0
279	6.4	5.0	7.6

149 100

167 30.2 24.6 37.0

279 6.4 5.0 7.6

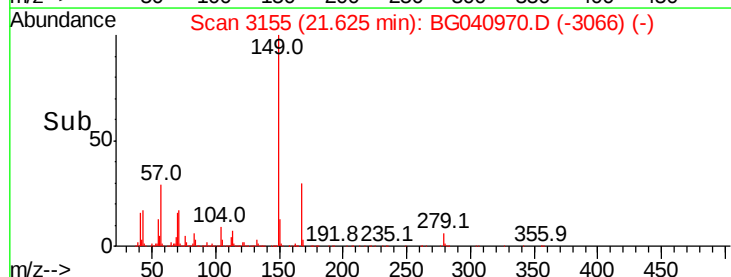
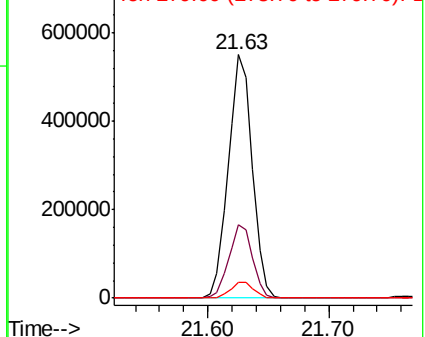


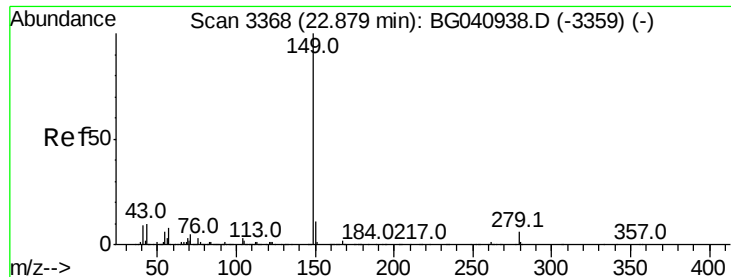
Abundance

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





#85

Di-n-octyl phthalate

Concen: 43.845 ng

RT: 22.88 min Scan# 3368

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

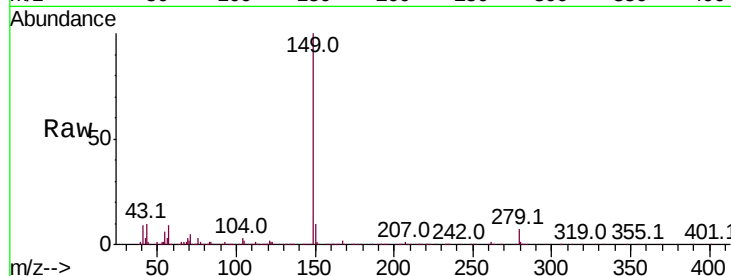
Tot Ion:149 Resp: 1272354

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

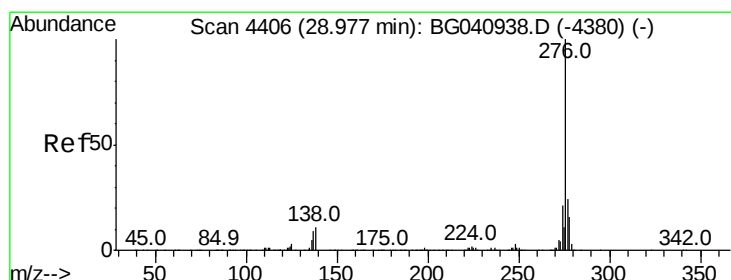
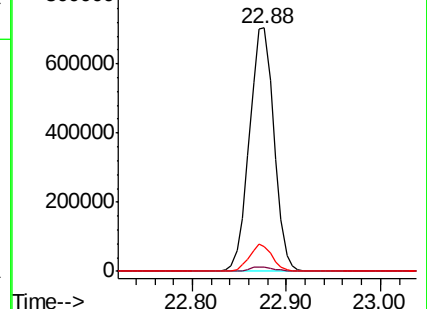
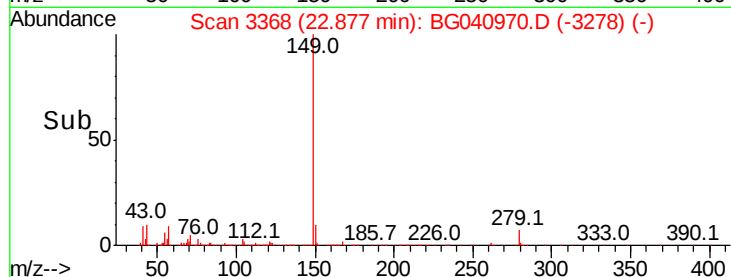
43 10.5 8.1 12.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.020 ng

RT: 28.96 min Scan# 4403

Delta R.T. -0.02 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

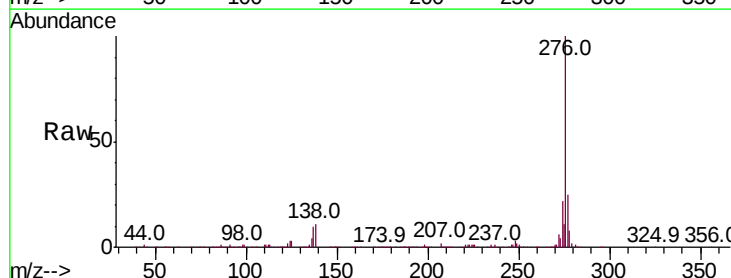
Tgt Ion:276 Resp: 1680683

Ion Ratio Lower Upper

276 100

138 6.6 5.7 8.5

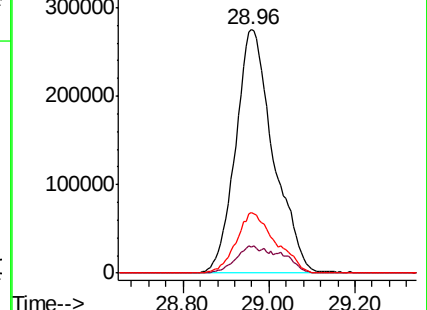
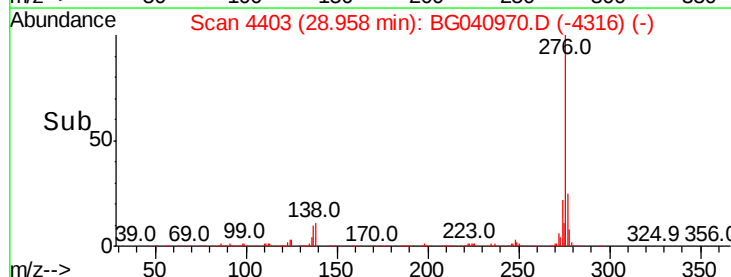
277 26.0 20.8 31.2

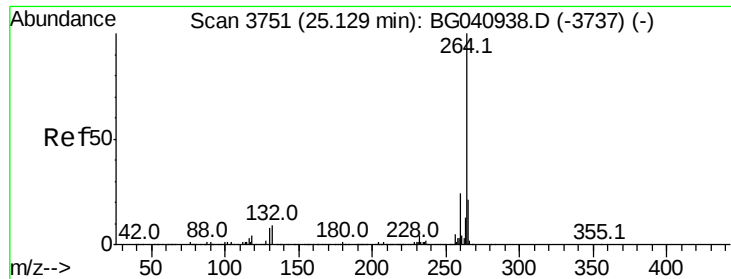


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

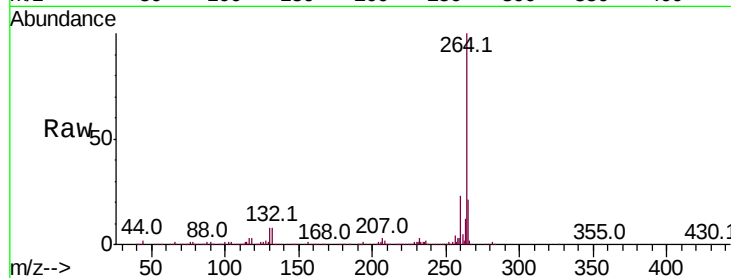
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 515676

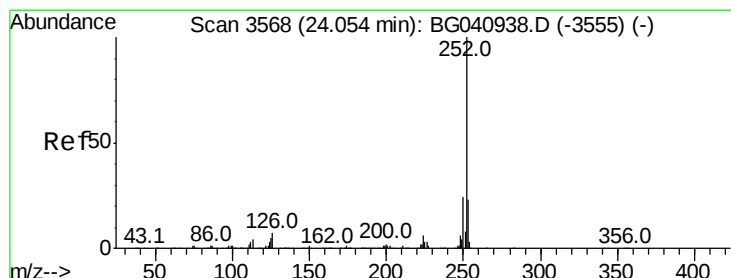
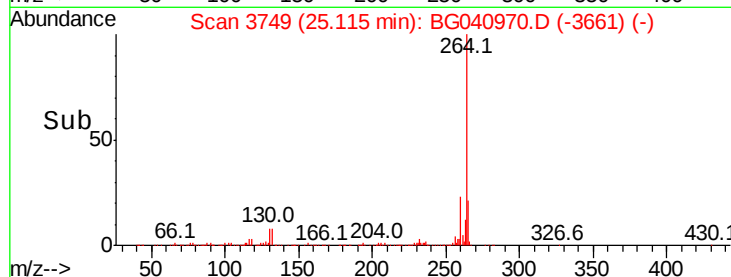
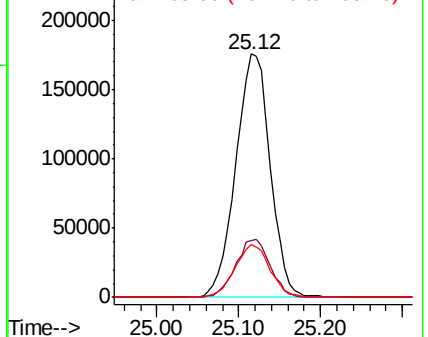
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	21.5	17.0	25.4



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



#88

Benzo(b)fluoranthene

Concen: 46.417 ng

RT: 24.05 min Scan# 3567

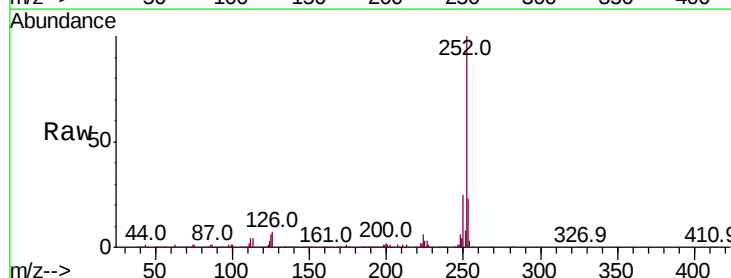
Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Tgt Ion:252 Resp: 1451810

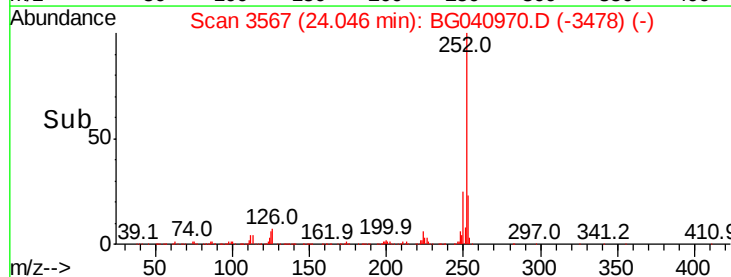
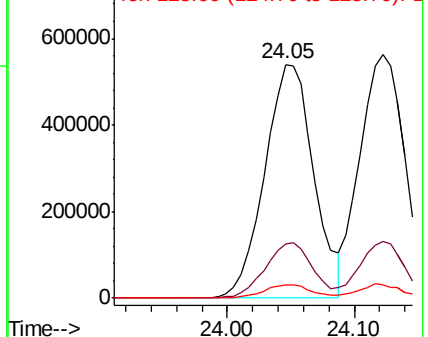
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	5.9	4.3	6.5

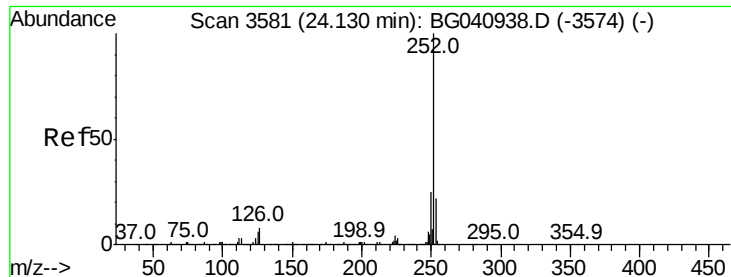


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.776 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

Instrument :

BNA_G

ClientSampleId :

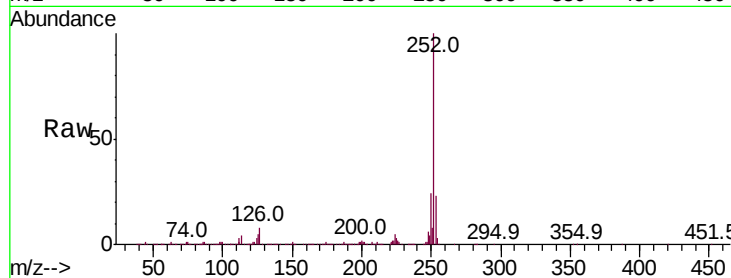
Tot Ion:252 Resp: 1385868

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

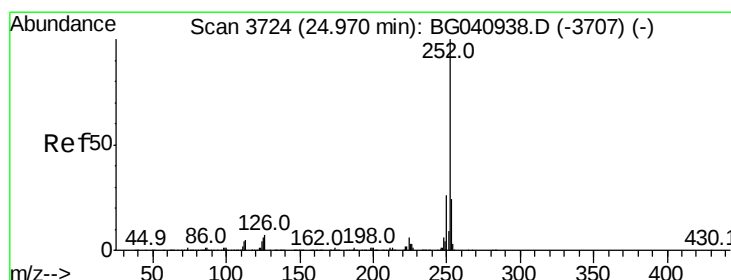
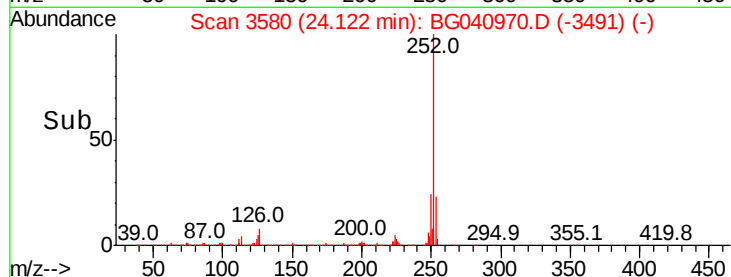
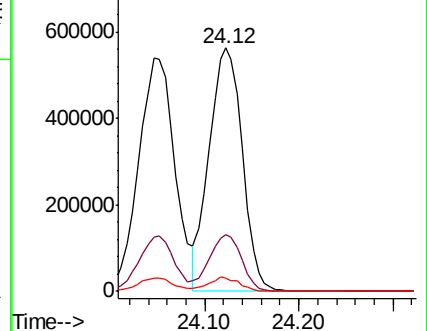
125 5.2 4.7 7.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.330 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040970.D

Acq: 31 May 2019 3:47

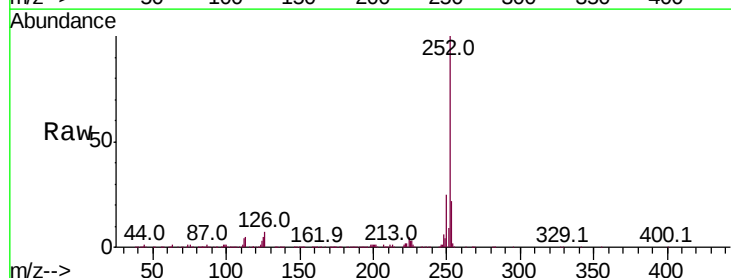
Tgt Ion:252 Resp: 1382521

Ion Ratio Lower Upper

252 100

253 22.3 19.5 29.3

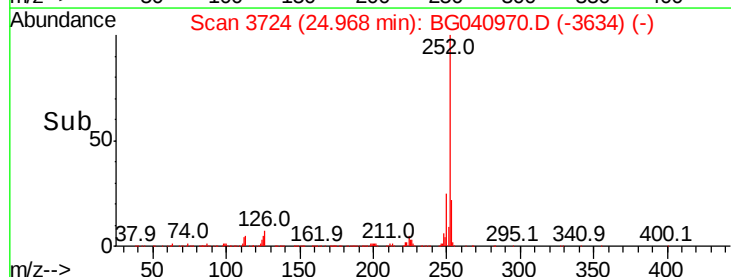
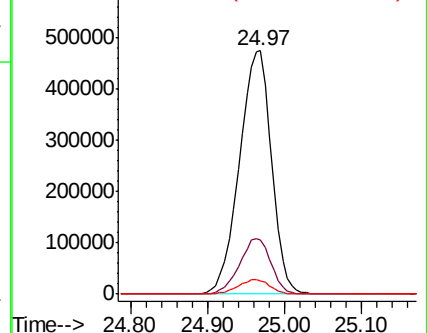
125 5.5 5.1 7.7

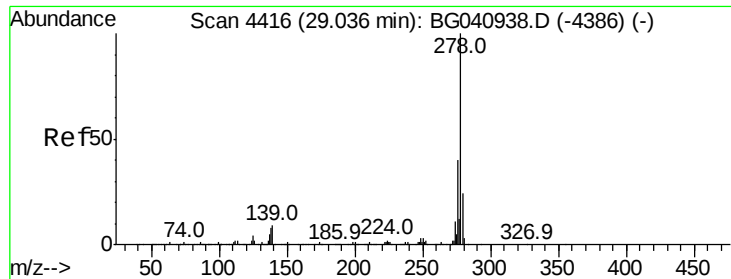


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

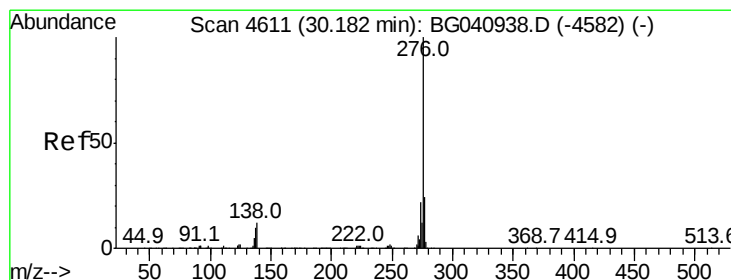
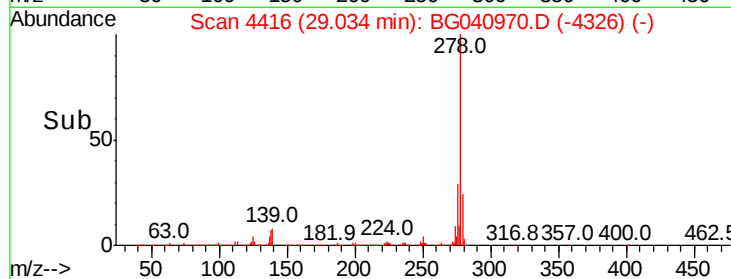
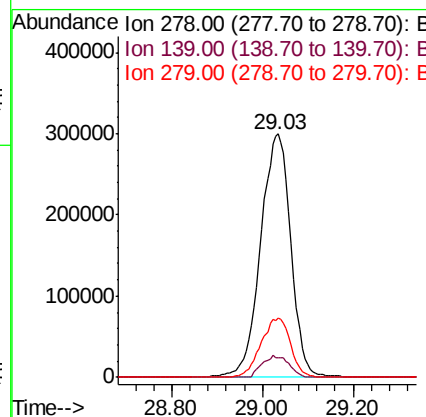
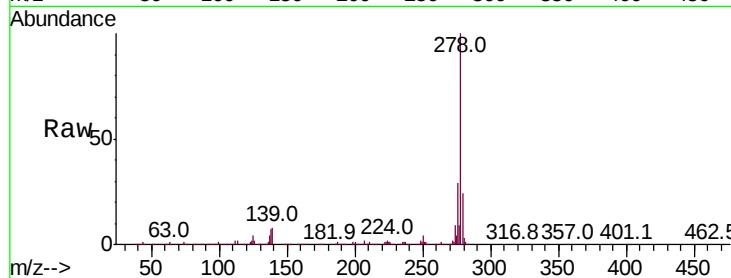




#91
Dibenzo(a,h)anthracene
Concen: 46.479 ng
RT: 29.03 min Scan# 4416
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1385902
Ion Ratio Lower Upper
278 100
139 8.3 7.1 10.7
279 24.4 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 48.119 ng
RT: 30.18 min Scan# 4611
Delta R.T. -0.00 min
Lab File: BG040970.D
Acq: 31 May 2019 3:47

Tgt Ion:276 Resp: 1393936
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.0
138 11.8 9.7 14.5

