

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040945.D
 Acq On : 30 May 2019 10:42
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 30 15:08:51 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	53047	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	222545	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	165817	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	414664	20.00	ng	0.00
76) Chrysene-d12	21.78	240	409019	20.00	ng	0.00
87) Perylene-d12	25.12	264	438738	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	243440	82.75	ng	0.00
7) Phenol-d6	7.27	99	364217	80.17	ng	0.00
23) Nitrobenzene-d5	9.30	82	428481	85.47	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	200667	81.52	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	950918	82.59	ng	0.00
79) Terphenyl-d14	20.09	244	1605529	83.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	59311	44.430	ng	98
3) Pyridine	3.93	79	170913	43.269	ng	97
4) n-Nitrosodimethylamine	3.86	42	90310	49.262	ng	83
6) Aniline	7.45	93	245031	40.405	ng	99
8) 2-Chlorophenol	7.68	128	139127	39.669	ng	97
9) Benzaldehyde	7.26	77	116610	43.026	ng	86
10) Phenol	7.29	94	193197	39.660	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	149148	42.205	ng	95
12) 1,3-Dichlorobenzene	8.01	146	170982	40.818	ng	95
13) 1,4-Dichlorobenzene	8.16	146	174939	41.259	ng	91
14) 1,2-Dichlorobenzene	8.48	146	167153	40.602	ng	94
15) Benzyl Alcohol	8.36	79	173138	41.196	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	241744	41.863	ng	97
17) 2-Methylphenol	8.56	107	136226	38.623	ng	98
18) Hexachloroethane	9.21	117	69325	42.422	ng	95
19) n-Nitroso-di-n-propylamine	8.93	70	145624	41.651	ng	96
20) 3+4-Methylphenols	8.89	107	195108	39.935	ng	98
22) Acetophenone	8.96	105	267401	42.834	ng	97
24) Nitrobenzene	9.34	77	216425	42.364	ng	99
25) Isophorone	9.86	82	409429	42.917	ng	99
26) 2-Nitrophenol	10.06	139	92171	43.765	ng	90
27) 2,4-Dimethylphenol	10.10	122	146264	42.051	ng	88
28) bis(2-Chloroethoxy)methane	10.34	93	214073	41.575	ng	98
29) 2,4-Dichlorophenol	10.58	162	179965	40.744	ng	96
30) 1,2,4-Trichlorobenzene	10.80	180	202921	40.385	ng	96
31) Naphthalene	11.00	128	493960	41.340	ng	99
32) Benzoic acid	10.24	122	114299	43.233	ng	92
33) 4-Chloroaniline	11.11	127	219310	39.558	ng	96
34) Hexachlorobutadiene	11.26	225	158515	41.230	ng	97
35) Caprolactam	11.91	113	59863	41.041	ng	92
36) 4-Chloro-3-methylphenol	12.21	107	206518	40.939	ng	94
37) 2-Methylnaphthalene	12.59	142	369062	40.104	ng	98
38) 1-Methylnaphthalene	12.59	142	369062	42.558	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	271234	40.584	ng	99

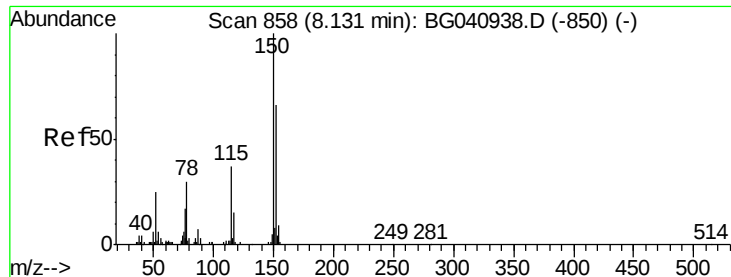
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
 Data File : BG040945.D
 Acq On : 30 May 2019 10:42
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 30 15:08:51 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)
41) Hexachlorocyclopentadiene	12.92	237	165734	49.619	ng	99
43) 2,4,6-Trichlorophenol	13.19	196	182901	42.304	ng	99
44) 2,4,5-Trichlorophenol	13.26	196	185430	40.667	ng	96
46) 1,1'-Biphenyl	13.59	154	503425	41.015	ng	98
47) 2-Chloronaphthalene	13.64	162	434783	41.262	ng	99
48) 2-Nitroaniline	13.85	65	166241	43.977	ng	96
49) Acenaphthylene	14.49	152	645841	40.724	ng	100
50) Dimethylphthalate	14.20	163	567367	40.421	ng	100
51) 2,6-Dinitrotoluene	14.33	165	123863	40.928	ng	93
52) Acenaphthene	14.82	154	387926	40.378	ng	97
53) 3-Nitroaniline	14.67	138	111798	36.942	ng	99
54) 2,4-Dinitrophenol	14.87	184	75061	55.669	ng	92
55) Dibenzofuran	15.16	168	655924	40.575	ng	99
56) 4-Nitrophenol	14.96	139	92000	44.321	ng	84
57) 2,4-Dinitrotoluene	15.11	165	179783	42.054	ng	# 95
58) Fluorene	15.80	166	519031	40.316	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	185332	41.359	ng	99
60) Diethylphthalate	15.56	149	591131	41.267	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	340160	40.650	ng	97
62) 4-Nitroaniline	15.83	138	120349	37.564	ng	98
63) Azobenzene	16.08	77	535126	41.102	ng	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	110131	49.284	ng	94
66) n-Nitrosodiphenylamine	16.00	169	469780	40.301	ng	98
67) 4-Bromophenyl-phenylether	16.68	248	223598	39.956	ng	94
68) Hexachlorobenzene	16.80	284	236057	39.614	ng	97
69) Atrazine	16.94	200	196770	43.748	ng	99
70) Pentachlorophenol	17.14	266	136533	44.751	ng	98
71) Phenanthrene	17.54	178	878190	40.658	ng	98
72) Anthracene	17.64	178	891283	41.839	ng	99
73) Carbazole	17.91	167	763335	41.761	ng	99
74) Di-n-butylphthalate	18.44	149	934125	41.118	ng	98
75) Fluoranthene	19.54	202	1099197	41.201	ng	98
77) Benzidine	19.73	184	82778	8.484	ng	# 96
78) Pyrene	19.91	202	1103061	41.486	ng	99
80) Butylbenzylphthalate	20.77	149	432510	41.799	ng	98
81) Benzo(a)anthracene	21.76	228	1135758	41.715	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	314153	32.805	ng	96
83) Chrysene	21.83	228	1075808	41.290	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	737166	50.609	ng	100
85) Di-n-octyl phthalate	22.88	149	1017078	41.926	ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1299173	40.705	ng	99
88) Benzo(b)fluoranthene	24.05	252	1125723	42.303	ng	99
89) Benzo(k)fluoranthene	24.12	252	1068983	40.594	ng	98
90) Benzo(a)pyrene	24.96	252	1074108	42.306	ng	97
91) Dibenzo(a,h)anthracene	29.03	278	1059474	41.763	ng	98
92) Benzo(g,h,i)perylene	30.17	276	1042238	42.288	ng	97

(#) = 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: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

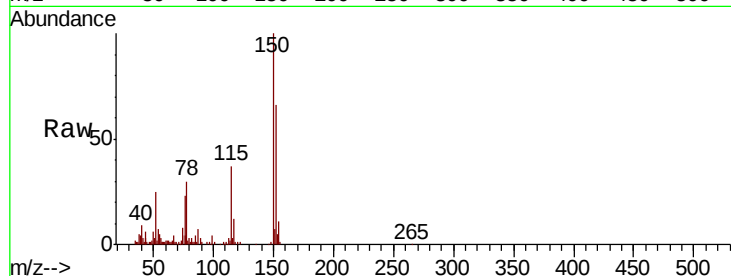
Tot Ion:152 Resp: 53047

Ion Ratio Lower Upper

152 100

150 152.6 120.6 180.8

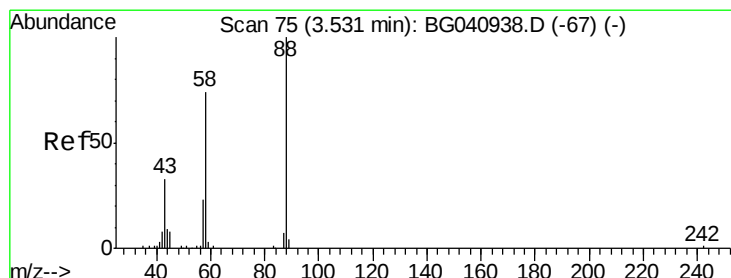
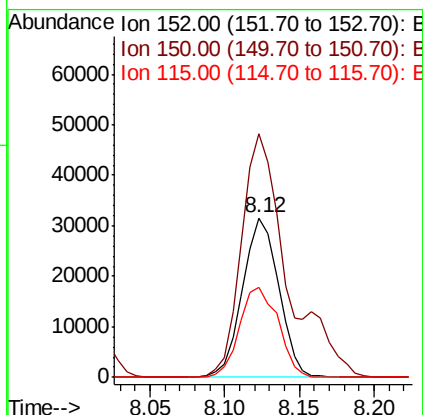
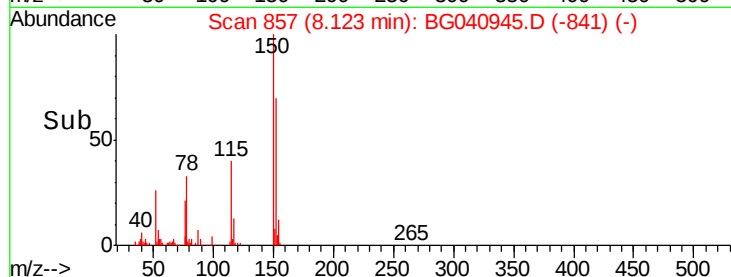
115 56.2 45.1 67.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 44.430 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

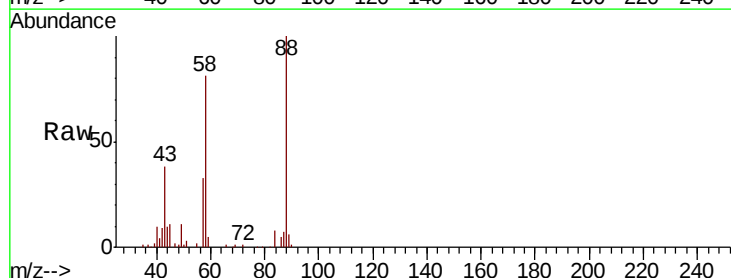
Tgt Ion: 88 Resp: 59311

Ion Ratio Lower Upper

88 100

58 74.0 59.0 88.6

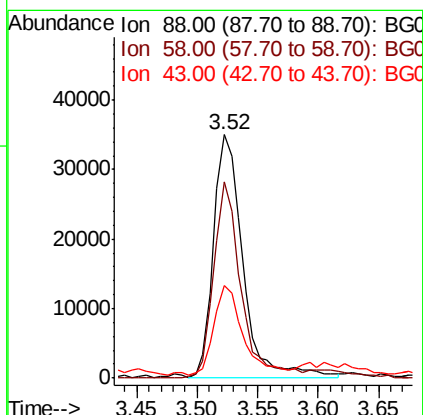
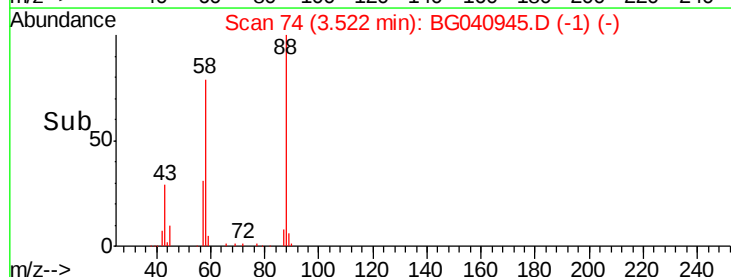
43 37.2 27.2 40.8

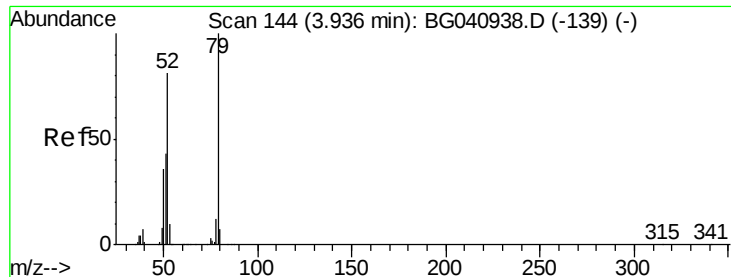


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 43.269 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampled :

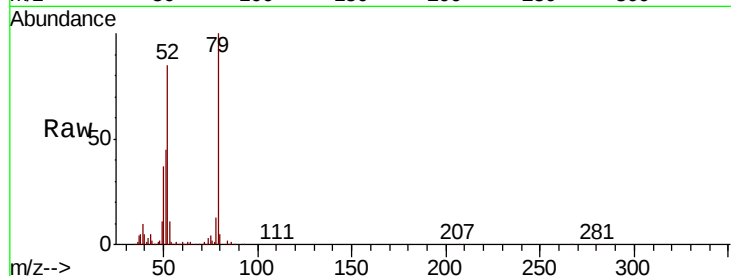
Tot Ion: 79 Resp: 170913

Ion Ratio Lower Upper

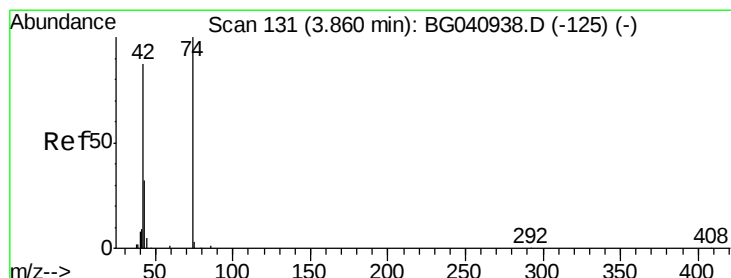
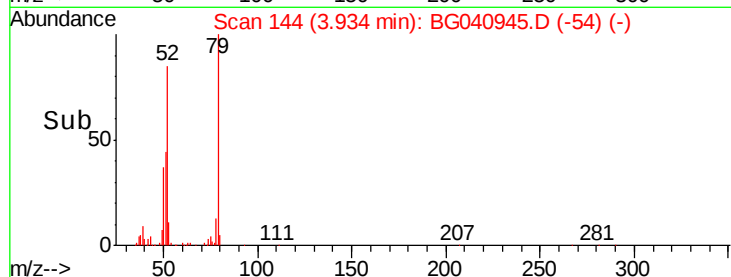
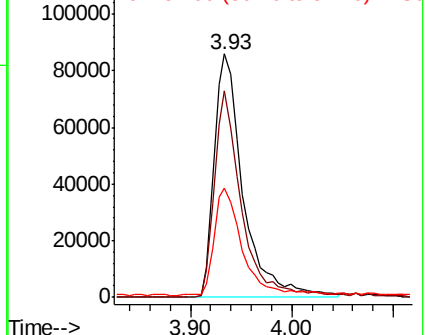
79 100

52 85.0 64.8 97.2

51 45.0 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 49.262 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

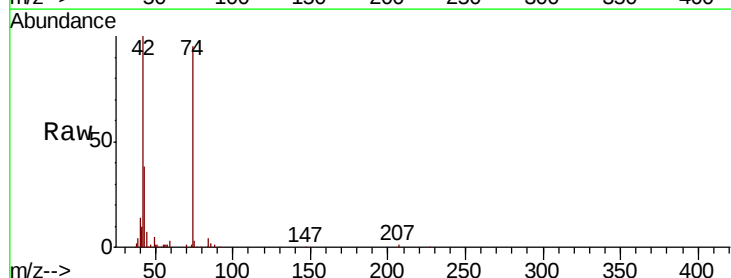
Tgt Ion: 42 Resp: 90310

Ion Ratio Lower Upper

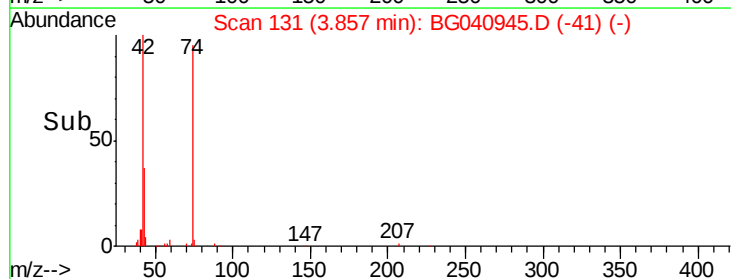
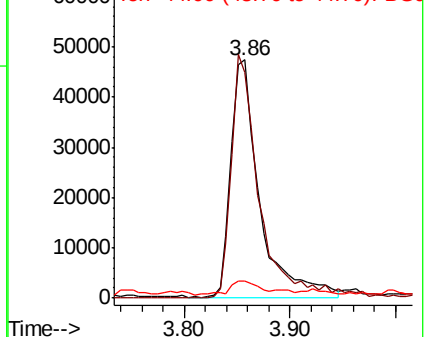
42 100

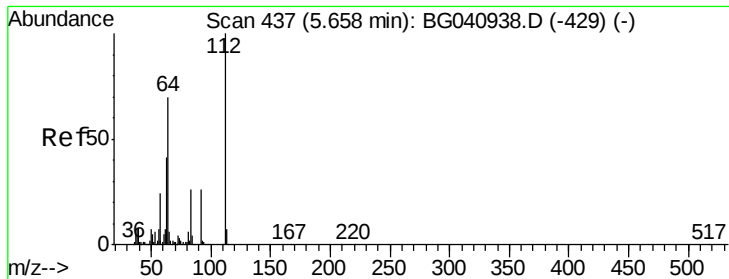
74 95.0 91.8 137.6

44 7.2 6.0 9.0



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





#5

2-Fluorophenol

Concen: 82.752 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

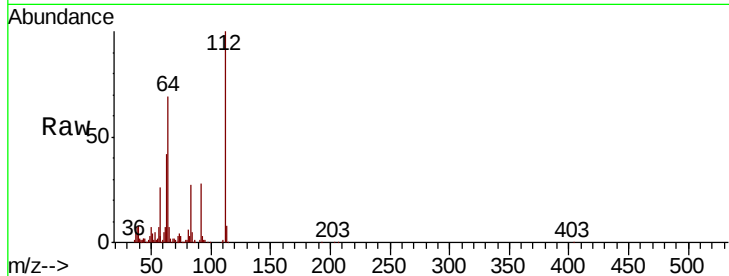
Tot Ion:112 Resp: 243440

Ion Ratio Lower Upper

112 100

64 69.5 56.2 84.2

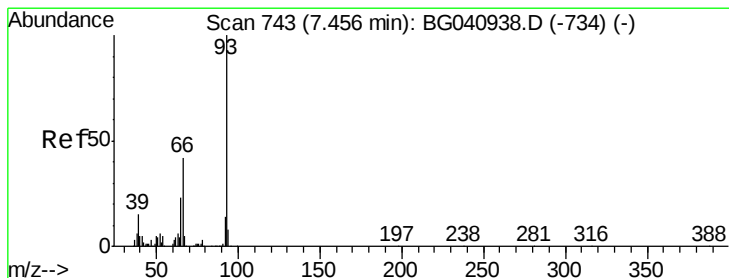
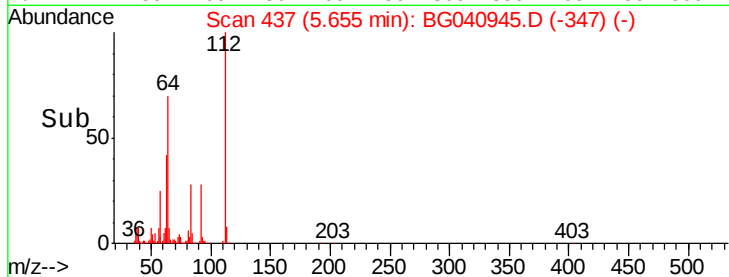
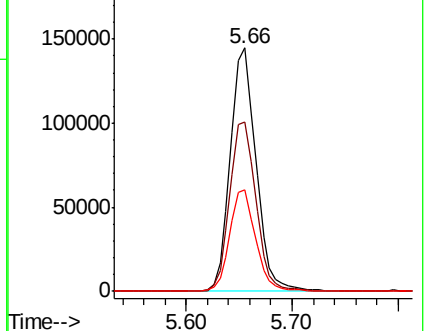
63 41.6 32.8 49.2



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: 40.405 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

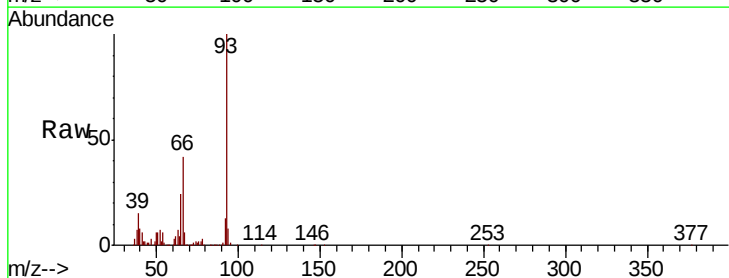
Tgt Ion: 93 Resp: 245031

Ion Ratio Lower Upper

93 100

66 42.1 33.8 50.8

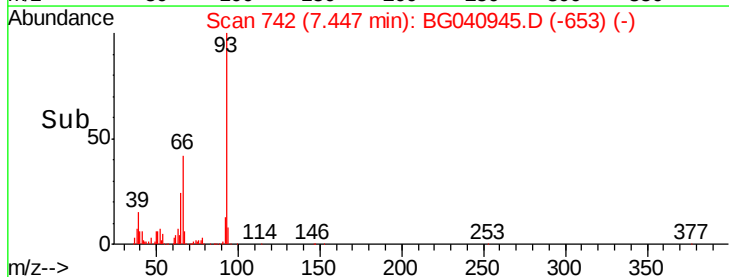
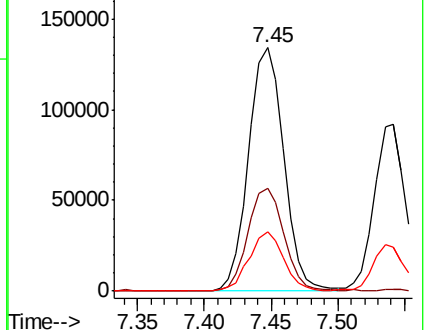
65 24.2 18.3 27.5

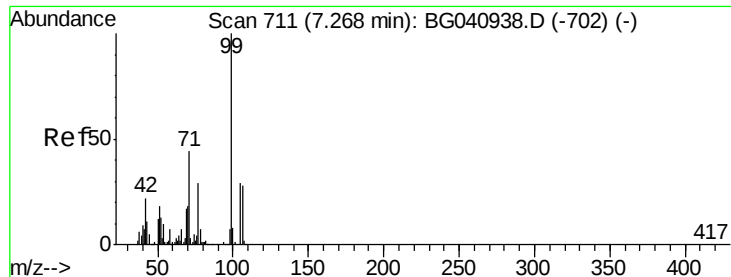


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.166 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

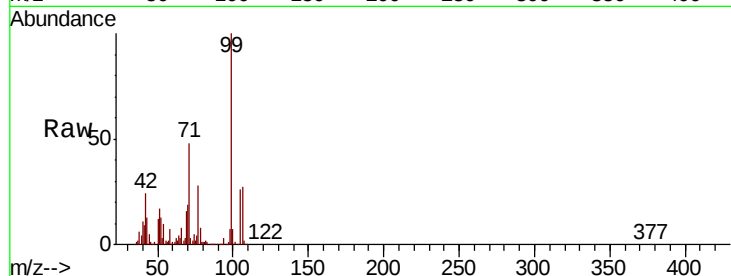
Tot Ion: 99 Resp: 364217

Ion Ratio Lower Upper

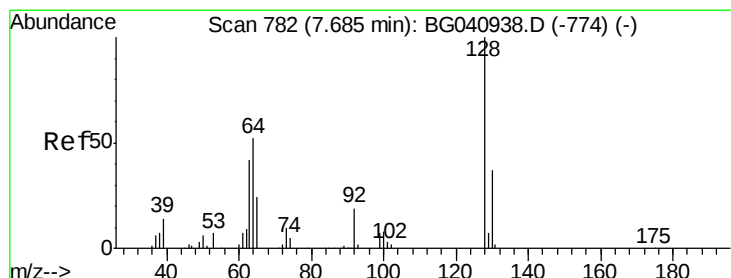
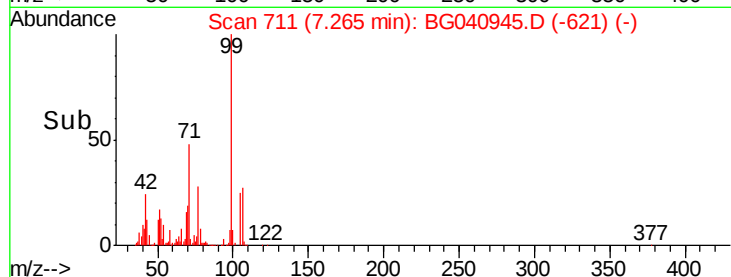
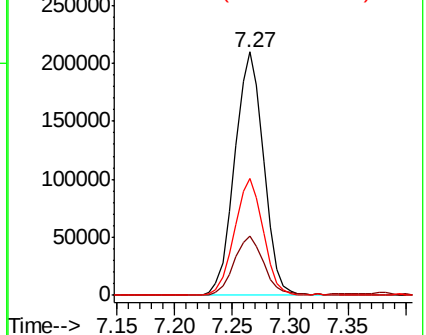
99 100

42 24.1 17.9 26.9

71 47.9 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: 39.669 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

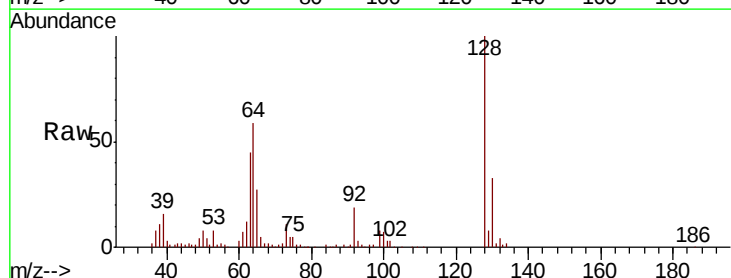
Tgt Ion: 128 Resp: 139127

Ion Ratio Lower Upper

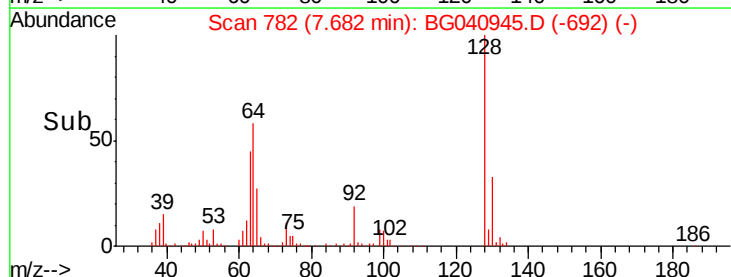
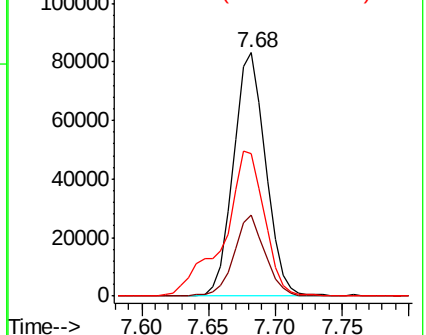
128 100

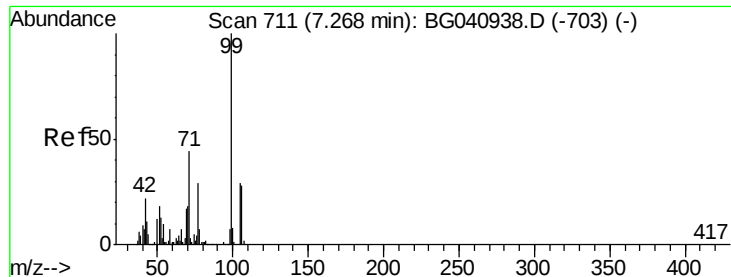
130 33.4 16.6 56.6

64 58.6 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: 43.026 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

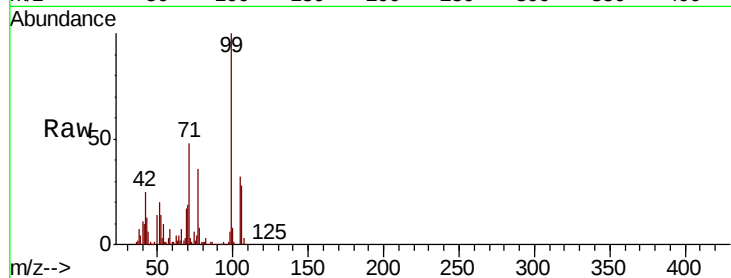
Tot Ion: 77 Resp: 116610

Ion Ratio Lower Upper

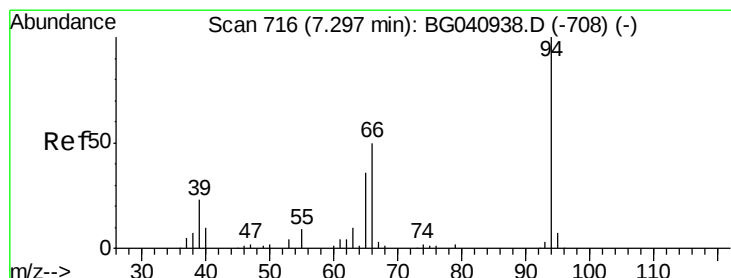
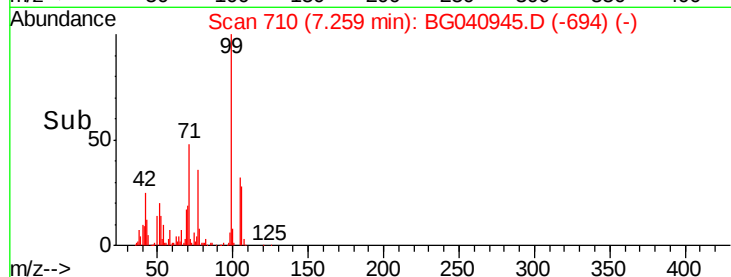
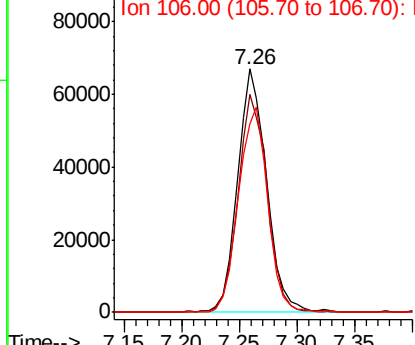
77 100

105 89.7 78.9 118.9

106 77.4 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: 39.660 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

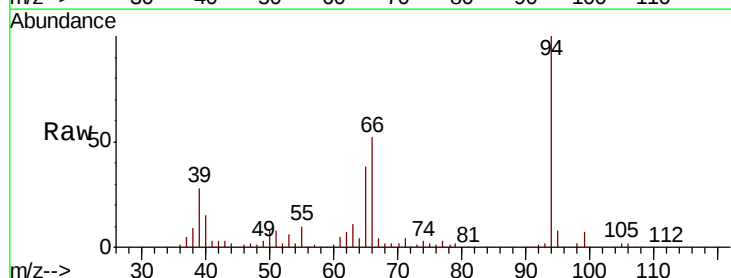
Tgt Ion: 94 Resp: 193197

Ion Ratio Lower Upper

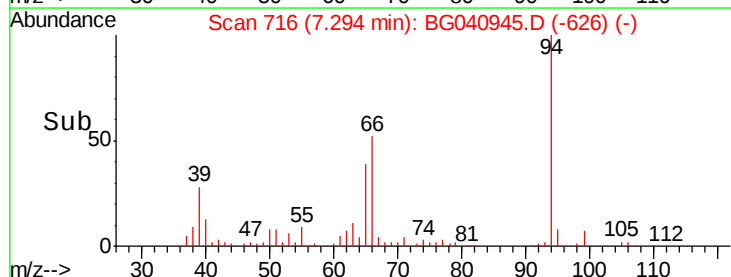
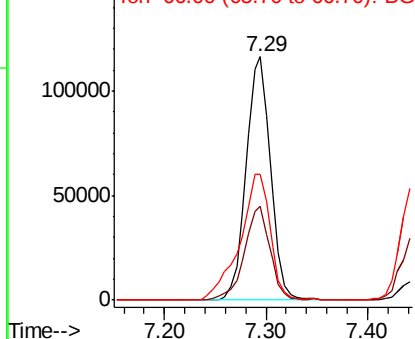
94 100

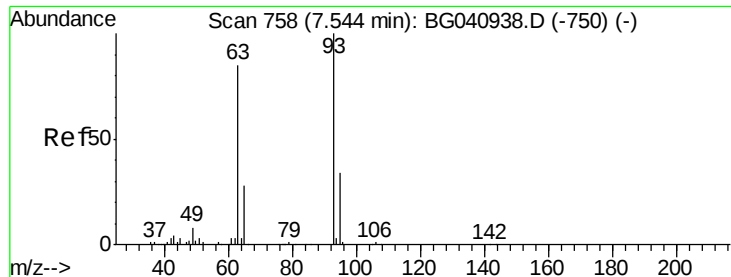
65 38.4 17.0 57.0

66 51.8 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

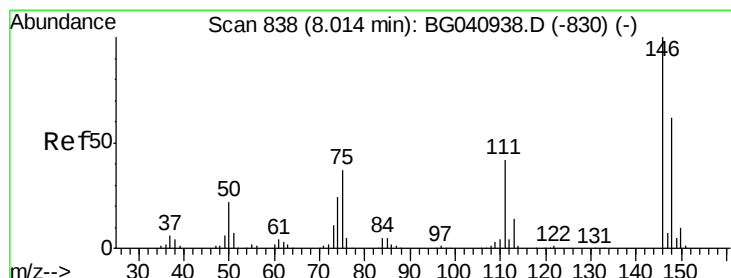
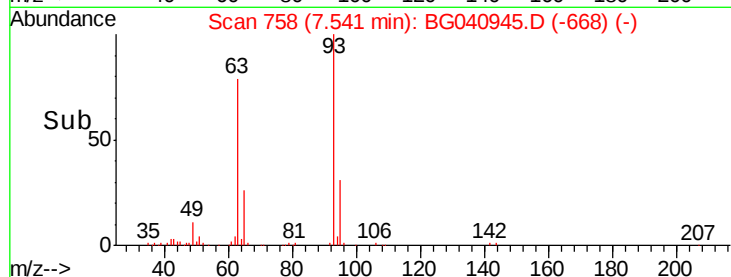
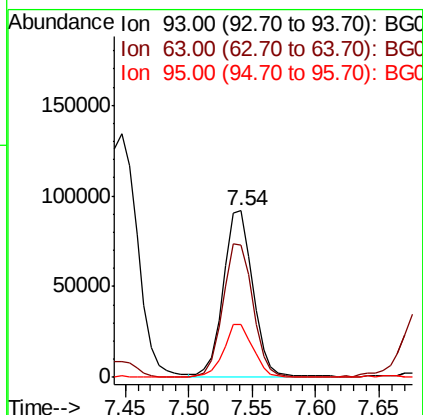
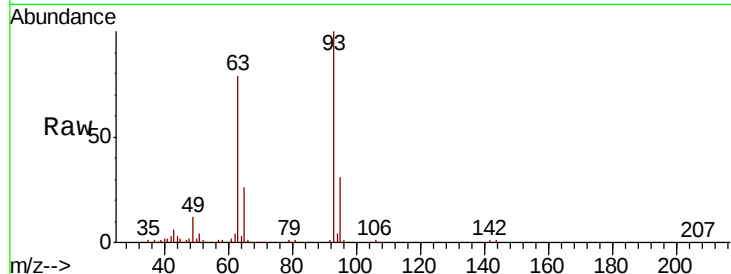




#11
 bis(2-Chloroethyl)ether
 Concen: 42.205 ng
 RT: 7.54 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

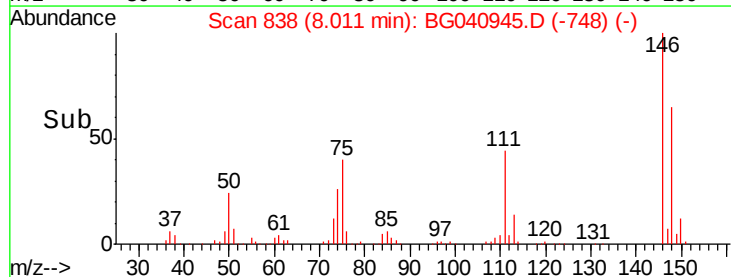
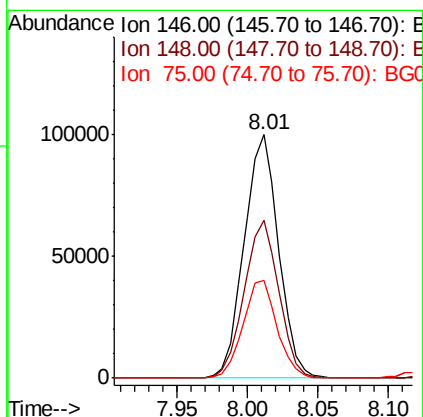
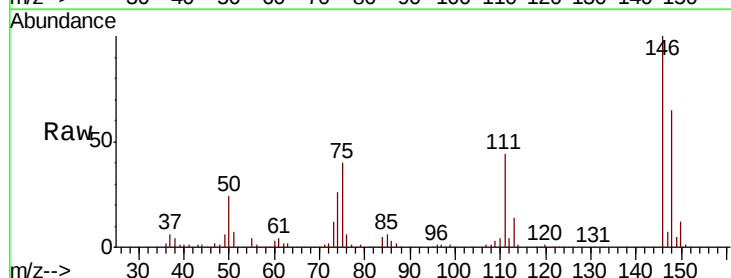
Instrument :
 BNA_G
 ClientSampleId :

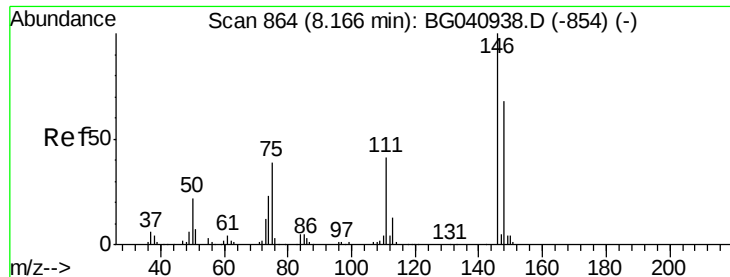
Tot Ion: 93 Resp: 149148
 Ion Ratio Lower Upper
 93 100
 63 79.5 64.5 104.5
 95 31.5 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 40.818 ng
 RT: 8.01 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion: 146 Resp: 170982
 Ion Ratio Lower Upper
 146 100
 148 64.9 49.2 73.8
 75 39.9 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 41.259 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampled :

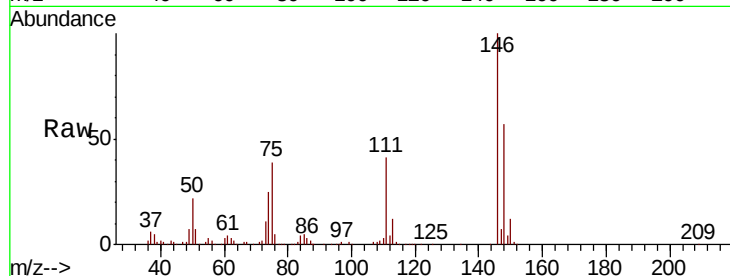
Tot Ion:146 Resp: 174939

Ion Ratio Lower Upper

146 100

148 56.9 54.2 81.4

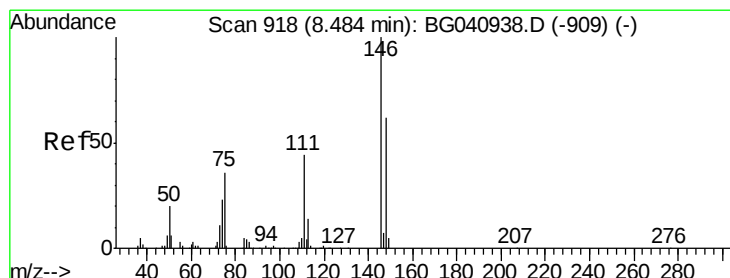
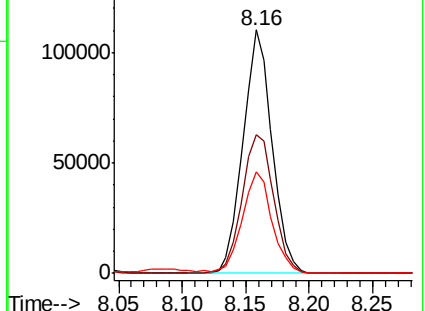
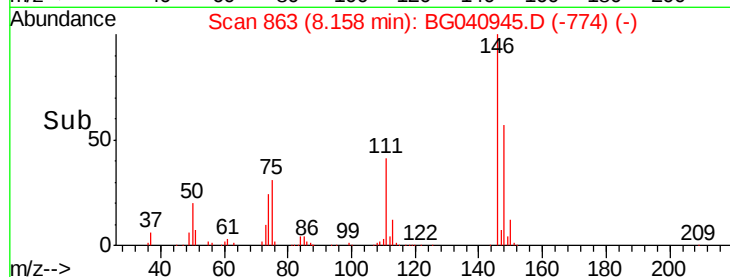
111 41.5 32.9 49.3



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: 40.602 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

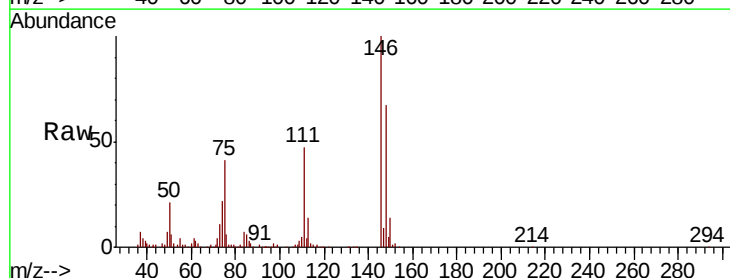
Tgt Ion:146 Resp: 167153

Ion Ratio Lower Upper

146 100

148 67.5 49.8 74.6

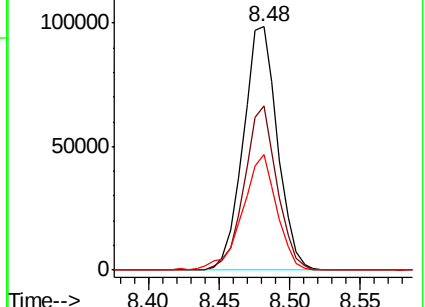
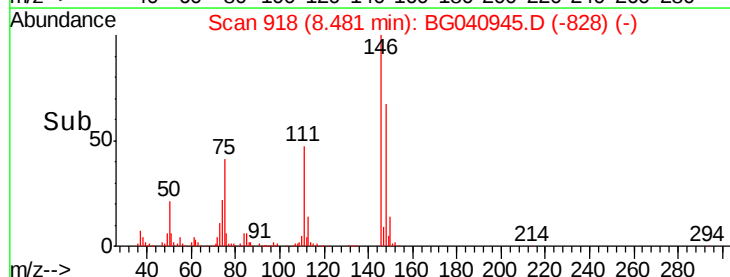
111 47.3 35.0 52.4

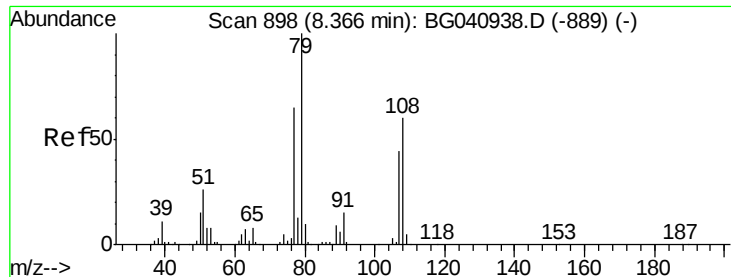


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.196 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

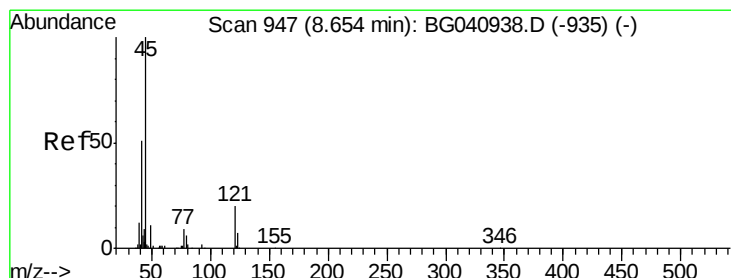
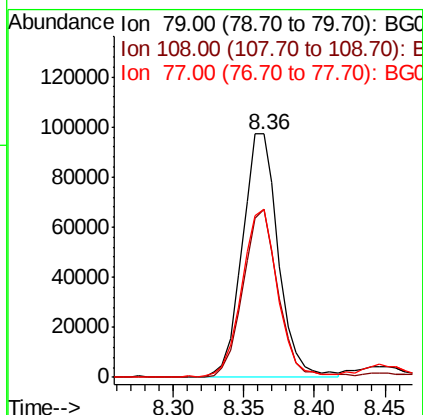
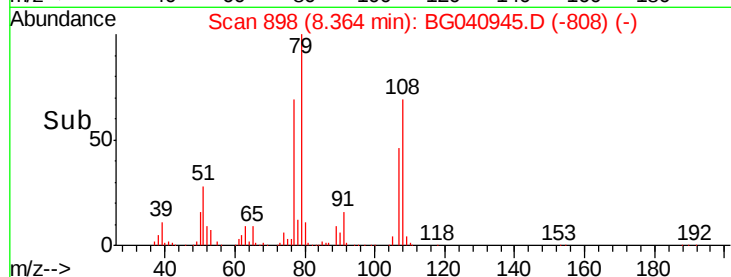
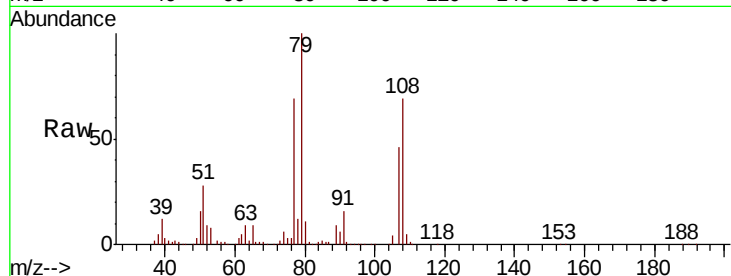
Tot Ion: 79 Resp: 173138

Ion Ratio Lower Upper

79 100

108 68.9 48.3 72.5

77 69.1 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.863 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

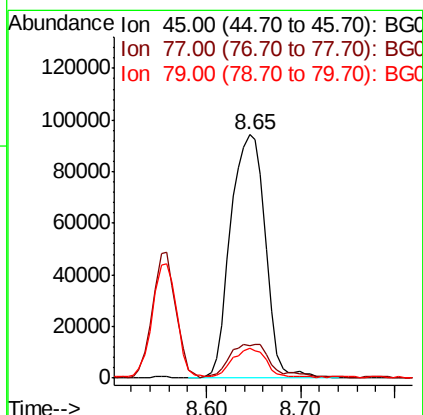
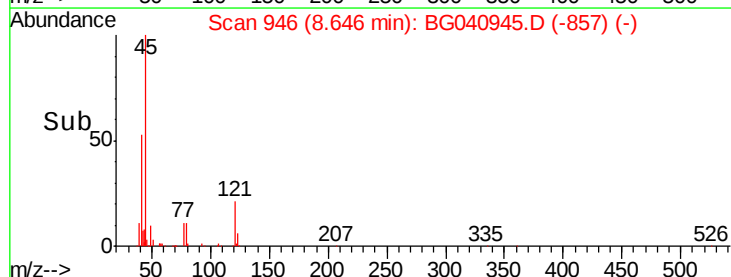
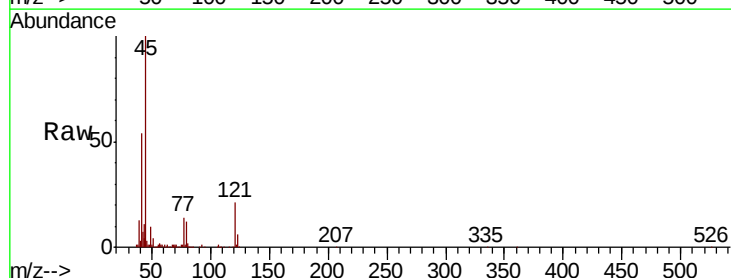
Tgt Ion: 45 Resp: 241744

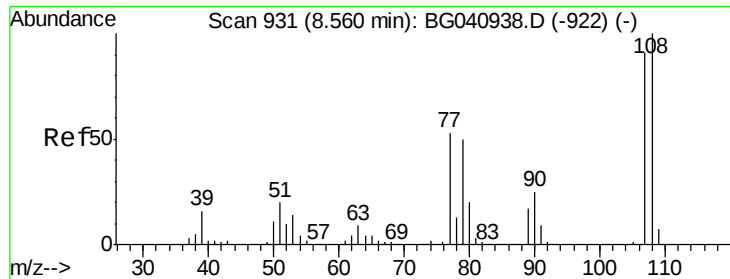
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.7

79 12.4 0.0 30.2

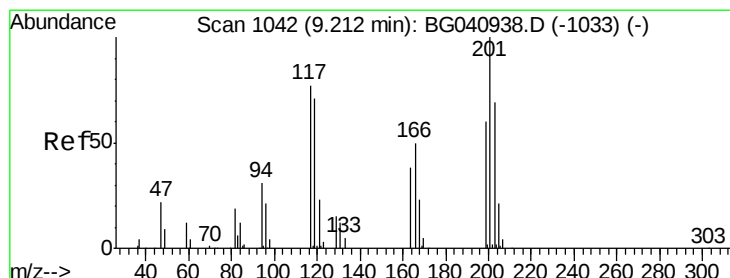
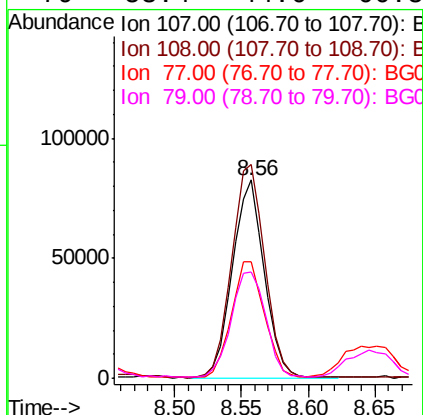
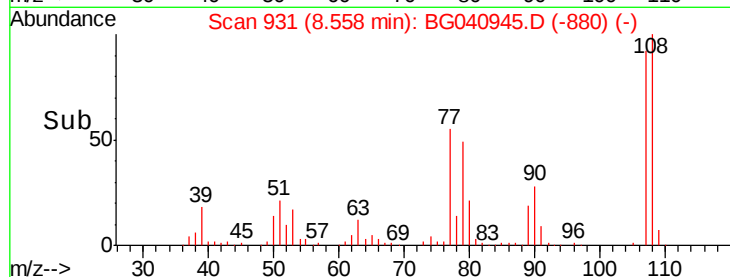
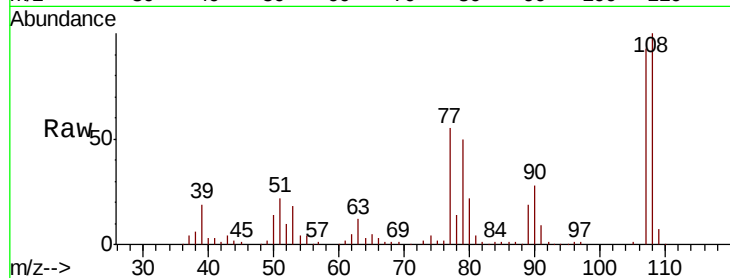




#17
2-Methylphenol
Concen: 38.623 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

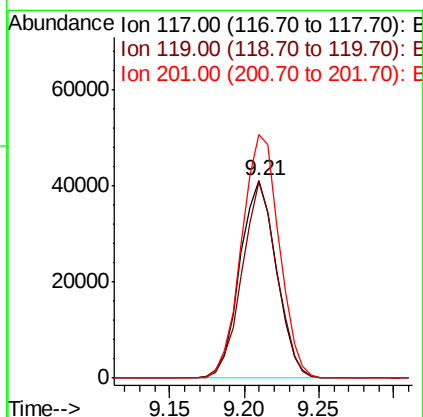
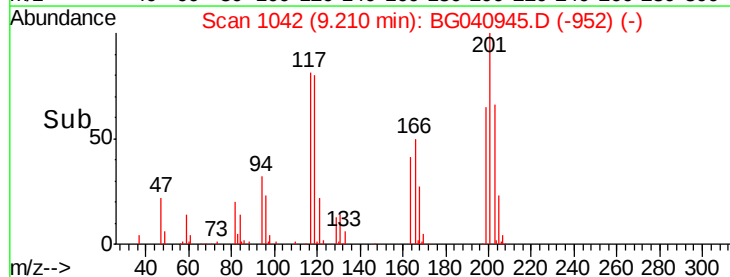
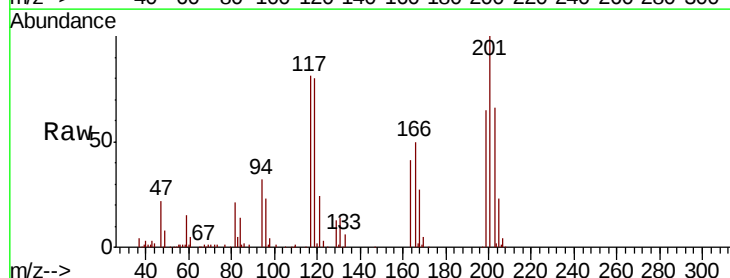
Instrument :
BNA_G
ClientSampled :

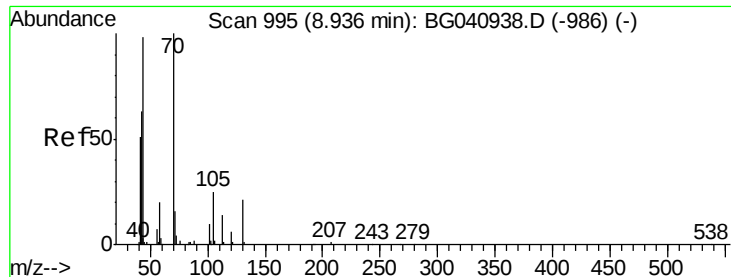
Tot Ion:	107	Resp:	136226
Ion	Ratio	Lower	Upper
107	100		
108	107.7	87.7	131.5
77	59.1	46.6	70.0
79	53.4	44.6	66.8



#18
Hexachloroethane
Concen: 42.422 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:	117	Resp:	69325
Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.0	112.6
201	123.4	103.5	155.3

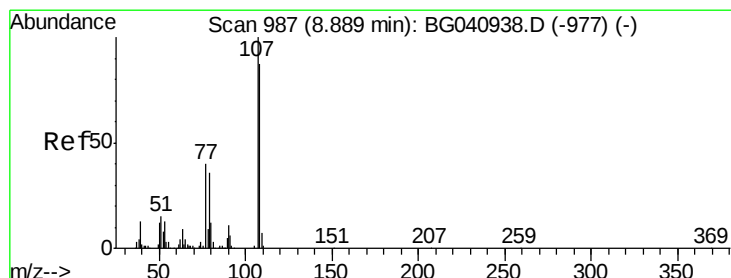
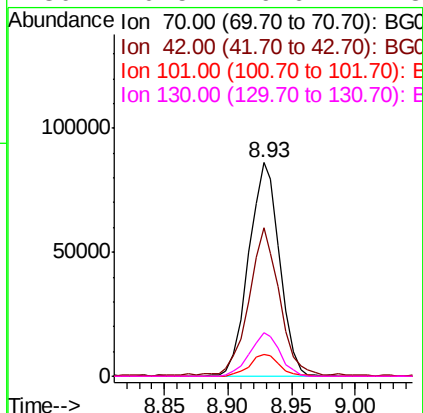
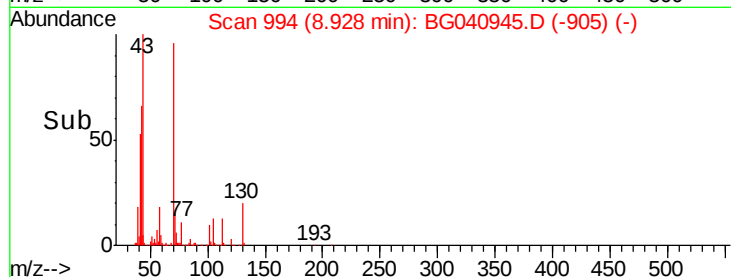
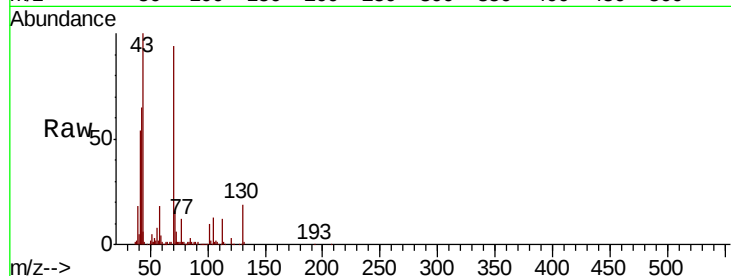




#19
n-Nitroso-di-n-propylamine
Concen: 41.651 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

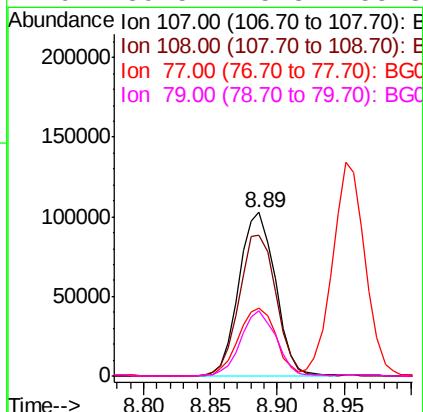
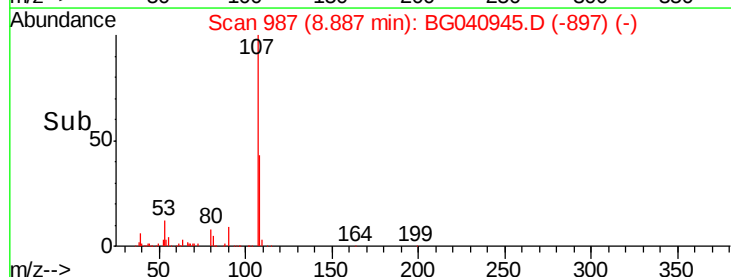
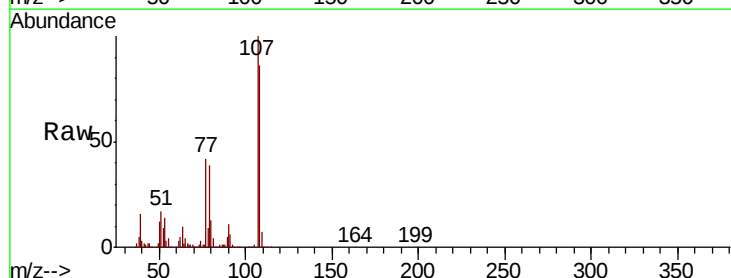
Instrument :
BNA_G
ClientSampleId :

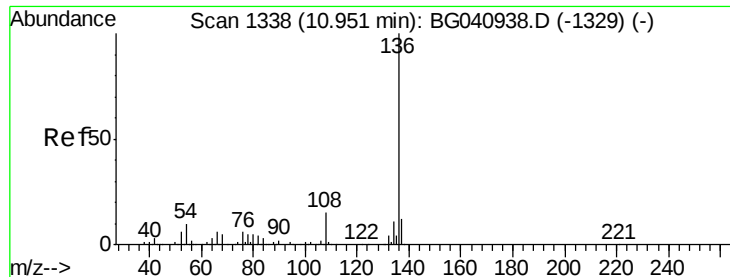
Tot Ion:	70	Resp:	145624
Ion	Ratio	Lower	Upper
70	100		
42	69.4	51.5	77.3
101	10.2	8.1	12.1
130	20.5	16.6	24.8



#20
3+4-Methylphenols
Concen: 39.935 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:	107	Resp:	195108
Ion	Ratio	Lower	Upper
107	100		
108	85.7	66.8	106.8
77	41.7	20.5	60.5
79	39.5	15.8	55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 222545

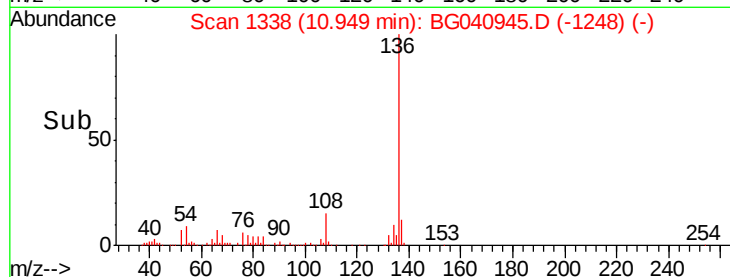
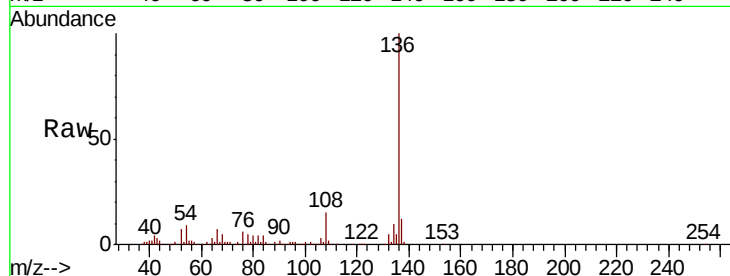
Ion Ratio Lower Upper

136 100

137 12.1 9.5 14.3

54 9.5 7.6 11.4

68 4.7 3.9 5.9

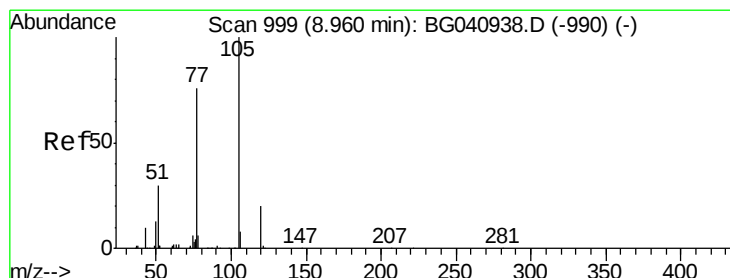
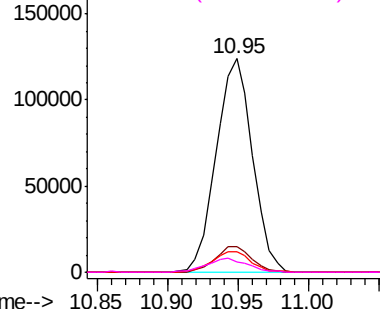


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.834 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Tgt Ion:105 Resp: 267401

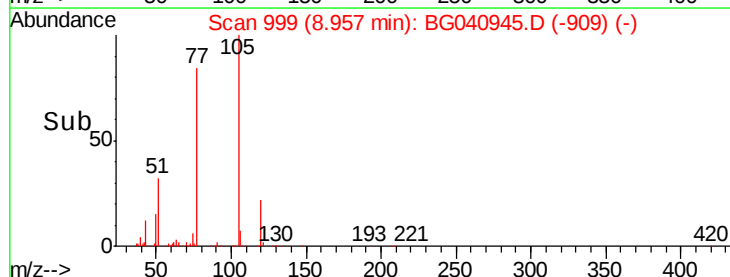
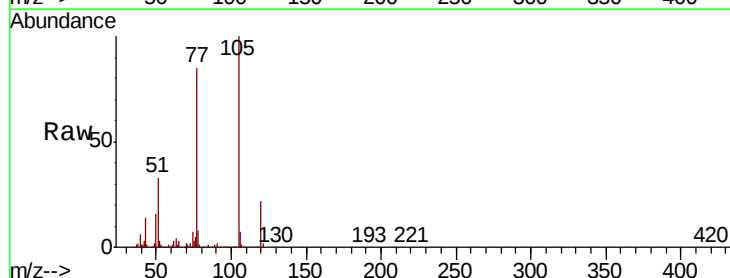
Ion Ratio Lower Upper

105 100

71 0.6 0.4 0.6

51 32.8 27.0 40.6

120 22.4 16.2 24.4

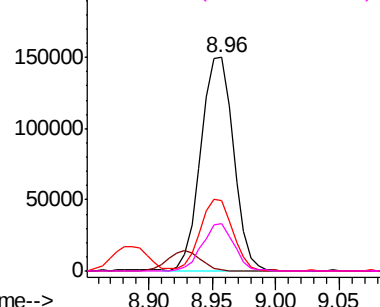


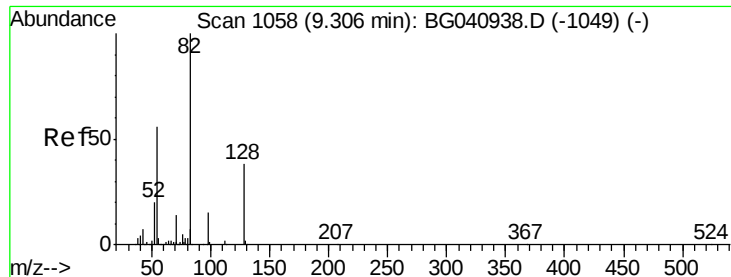
Abundance Ion 105.00 (104.70 to 105.70): E

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: 85.474 ng

RT: 9.30 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

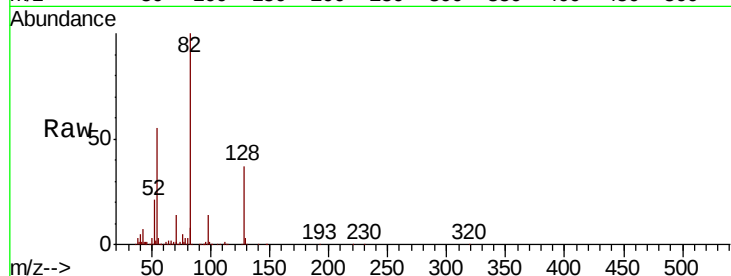
Tot Ion: 82 Resp: 428481

Ion Ratio Lower Upper

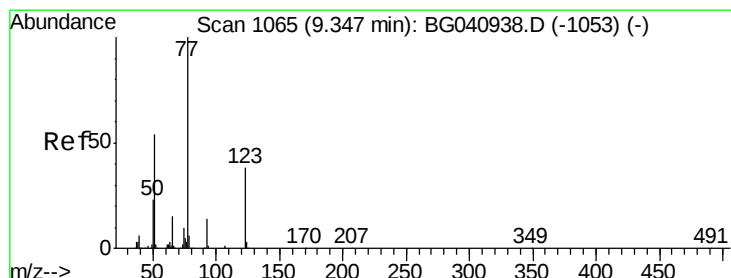
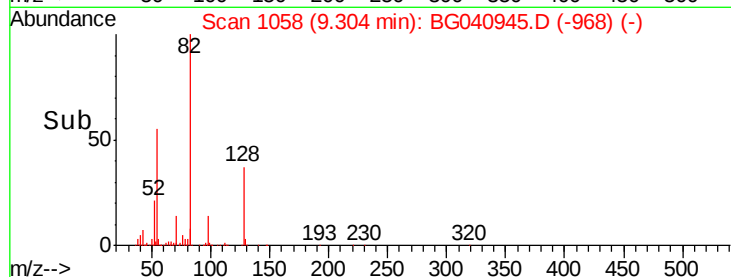
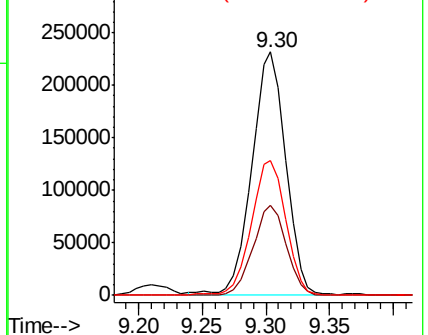
82 100

128 37.1 30.5 45.7

54 55.2 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: 42.364 ng

RT: 9.34 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

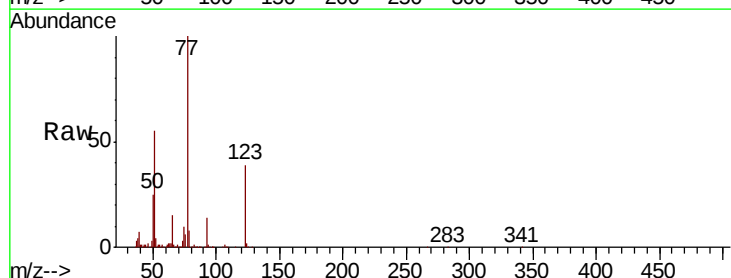
Tgt Ion: 77 Resp: 216425

Ion Ratio Lower Upper

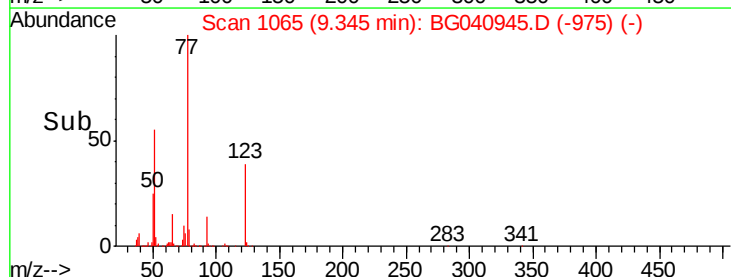
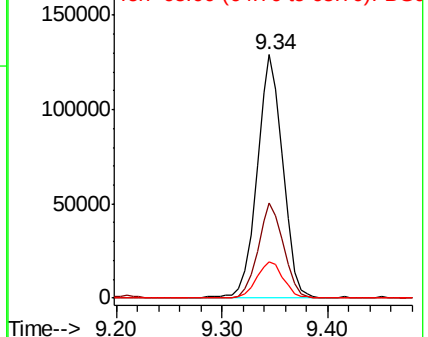
77 100

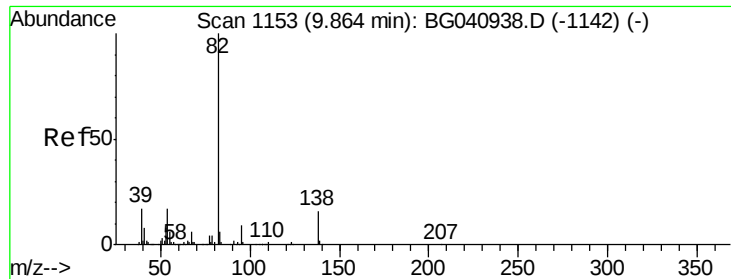
123 38.9 30.6 46.0

65 14.9 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

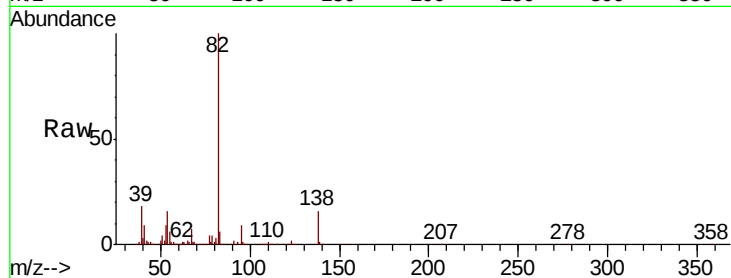




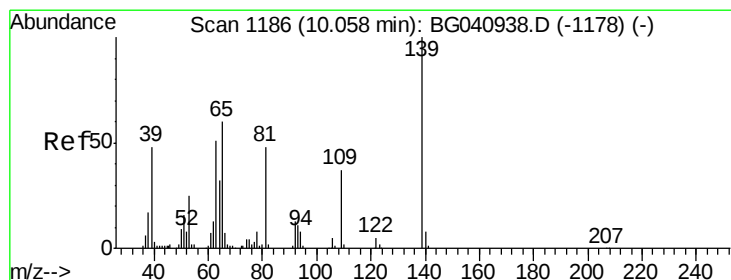
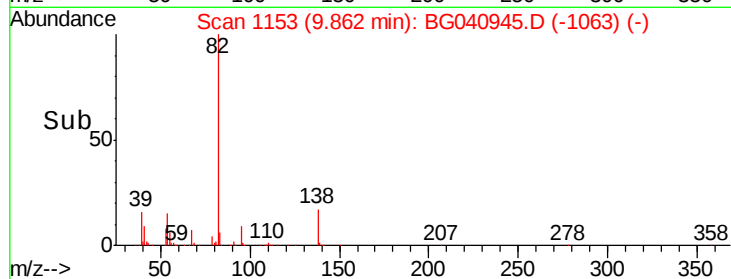
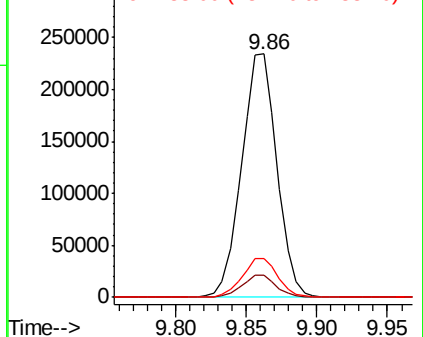
#25
Isophorone
Concen: 42.917 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 409429
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.4
138 16.0 12.6 19.0

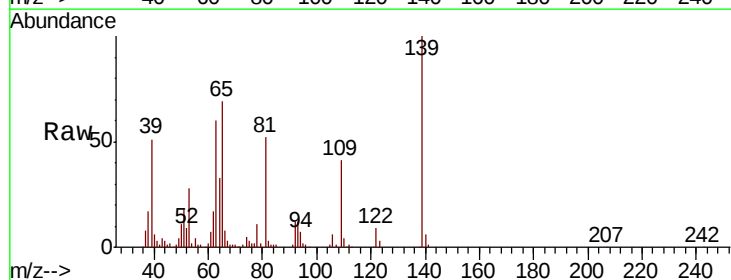


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

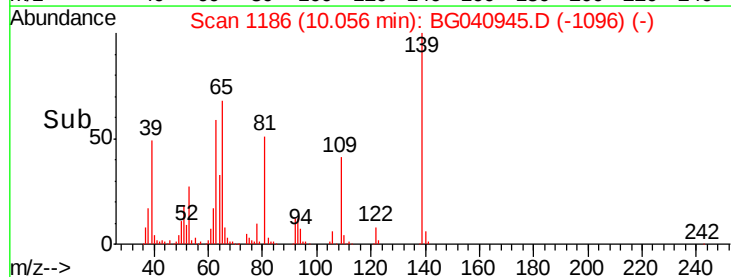
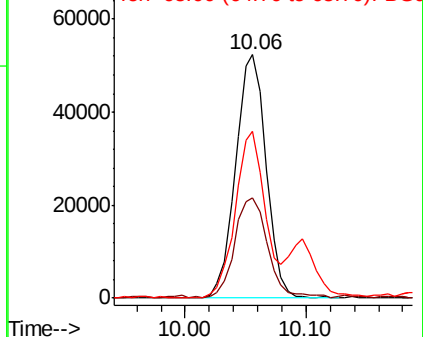


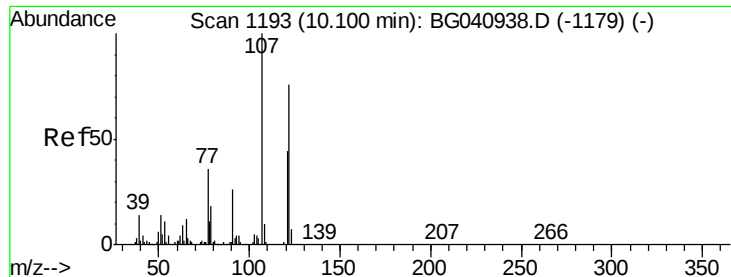
#26
2-Nitrophenol
Concen: 43.765 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion: 139 Resp: 92171
Ion Ratio Lower Upper
139 100
109 41.2 29.8 44.6
65 68.7 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 42.051 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampled :

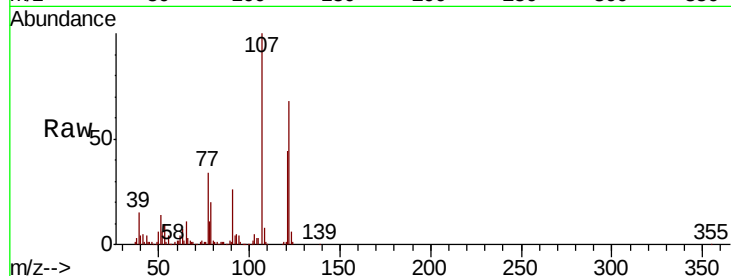
Tot Ion:122 Resp: 146264

Ion Ratio Lower Upper

122 100

107 147.5 105.9 158.9

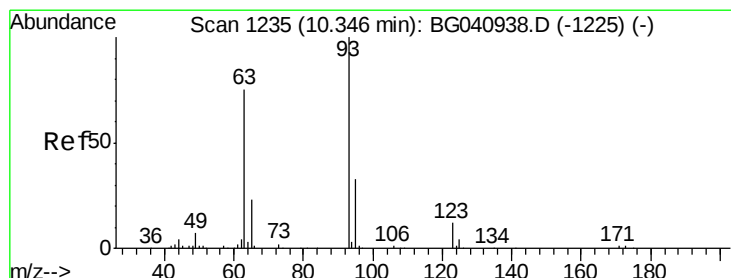
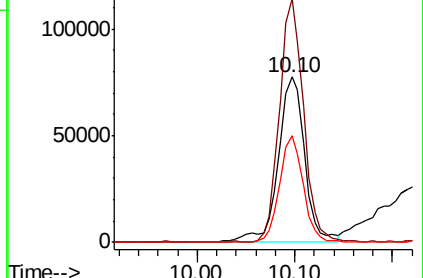
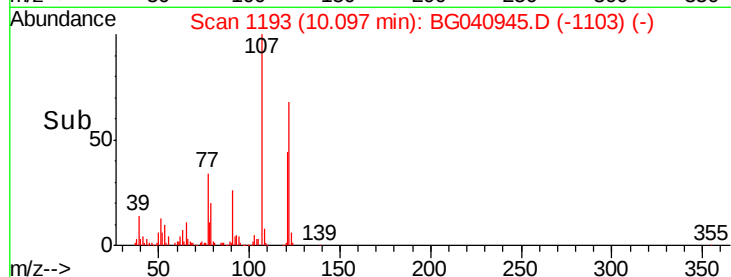
121 65.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.575 ng

RT: 10.34 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

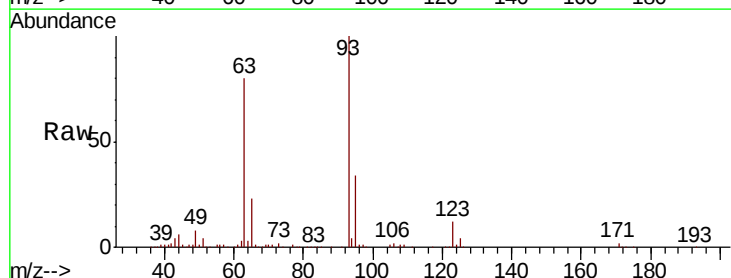
Tgt Ion: 93 Resp: 214073

Ion Ratio Lower Upper

93 100

95 34.3 26.2 39.2

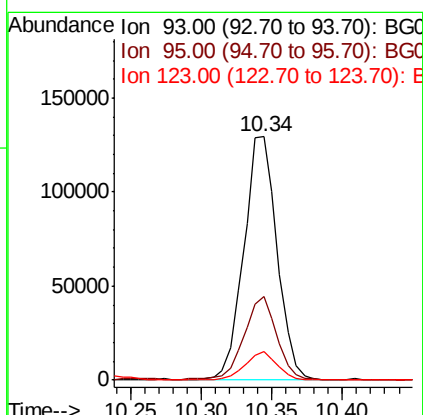
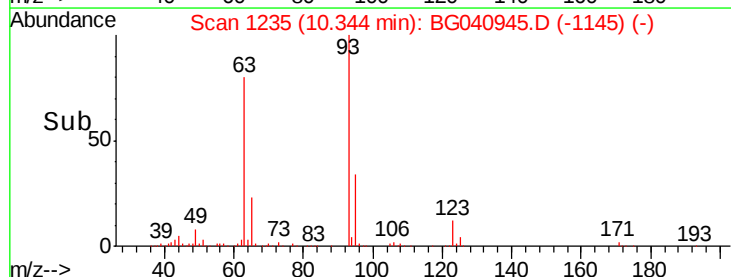
123 11.7 9.5 14.3

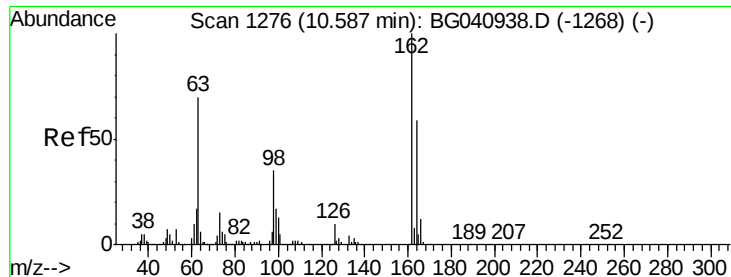


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.744 ng

RT: 10.58 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

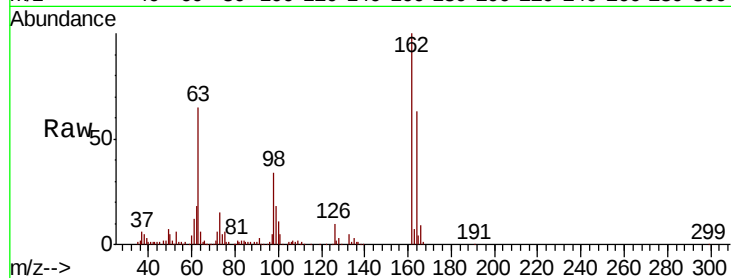
Tot Ion:162 Resp: 179965

Ion Ratio Lower Upper

162 100

164 62.7 39.4 79.4

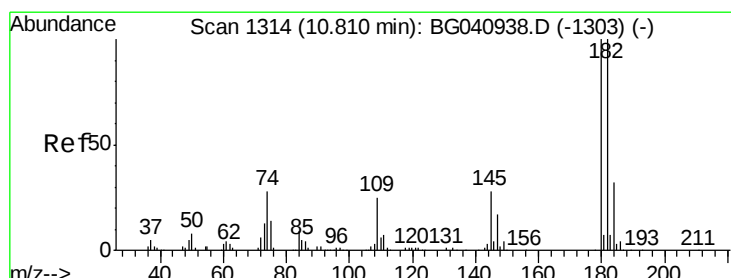
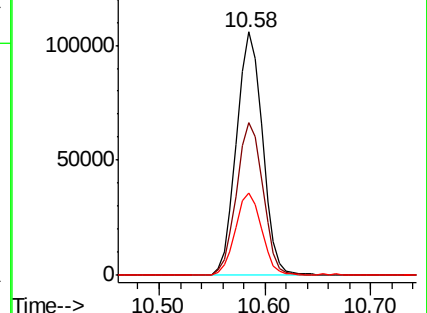
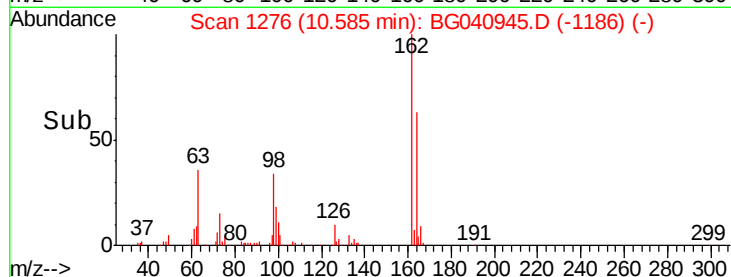
98 33.7 15.3 55.3



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 40.385 ng

RT: 10.80 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

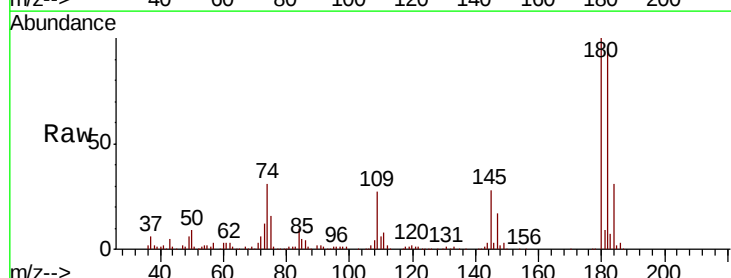
Tgt Ion:180 Resp: 202921

Ion Ratio Lower Upper

180 100

182 94.5 79.7 119.5

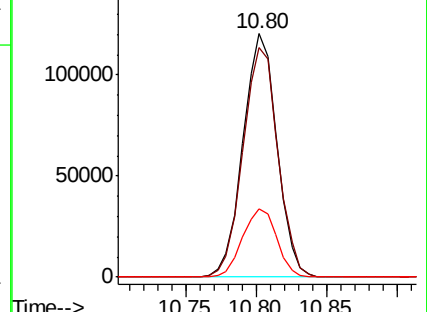
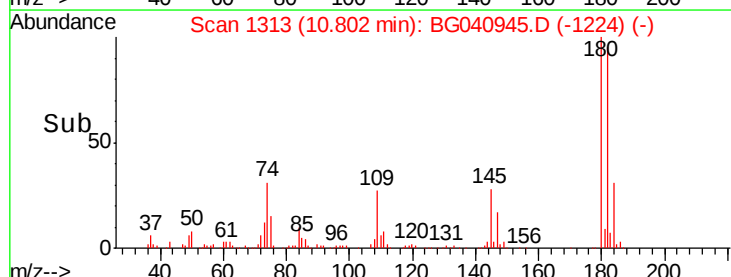
145 28.2 22.6 34.0

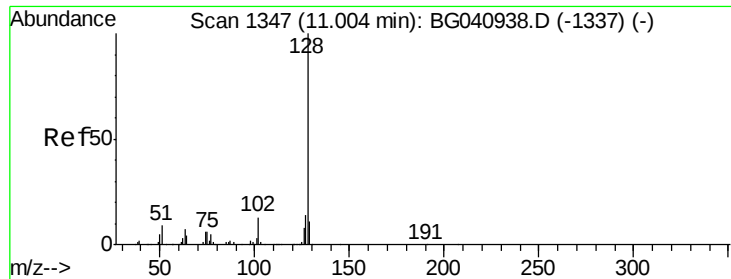


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

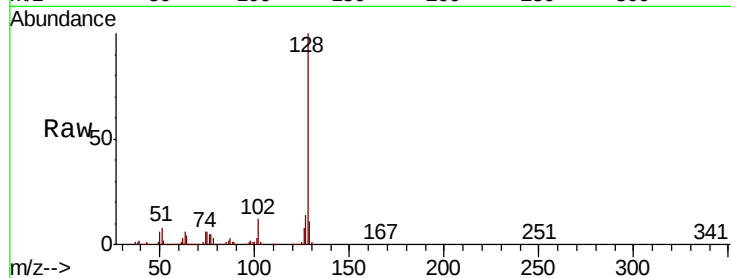




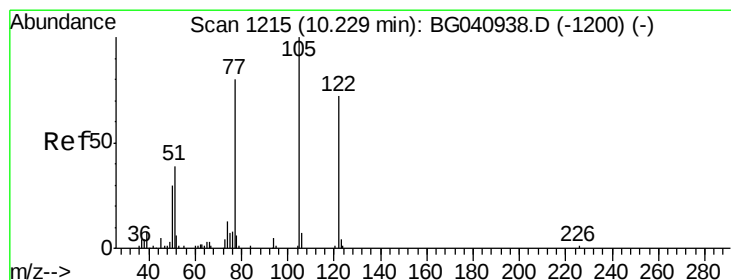
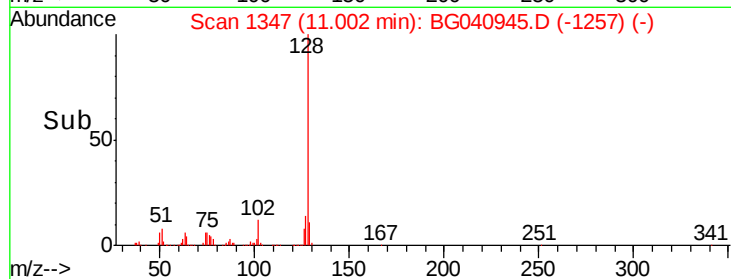
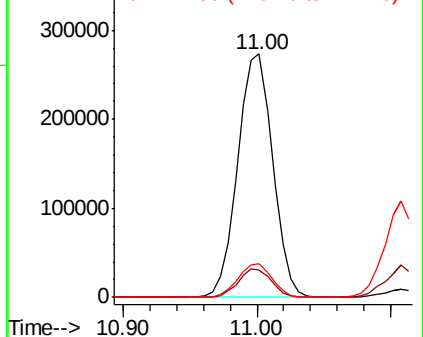
#31
Naphthalene
Concen: 41.340 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.5	12.7
127	13.6	11.4	17.2

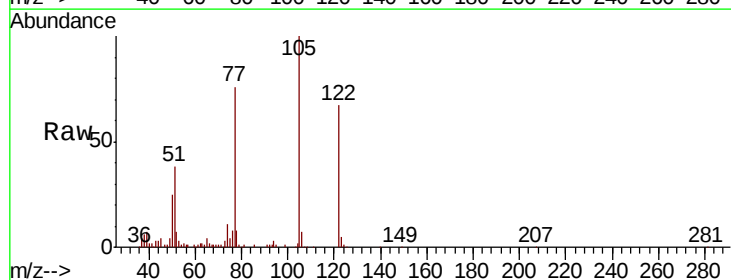


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

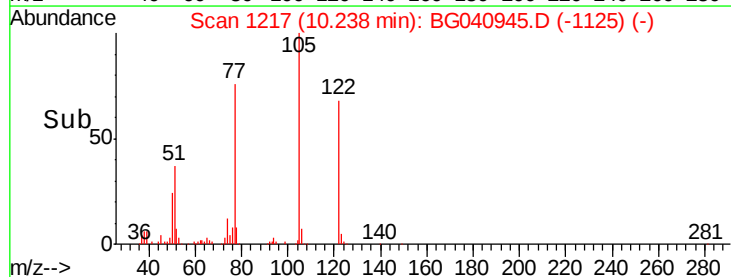
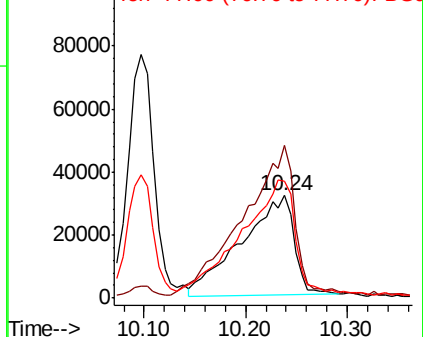


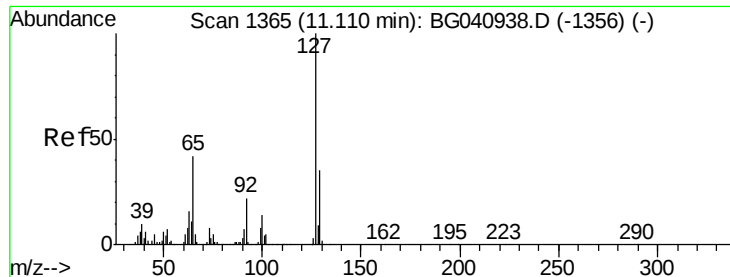
#32
Benzoic acid
Concen: 43.233 ng
RT: 10.24 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	148.8	114.8	154.8
77	113.7	89.9	129.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

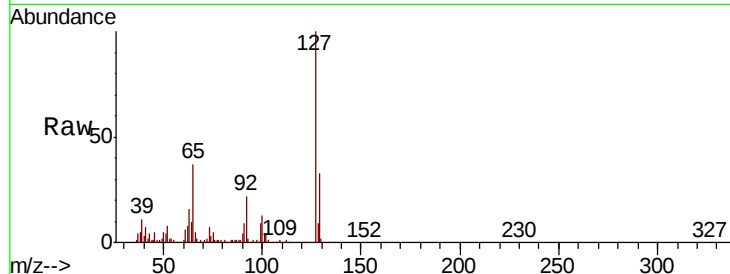




#33
4-Chloroaniline
Concen: 39.558 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	219310
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.7	41.5
65	37.2	33.2	49.8
92	21.6	17.2	25.8



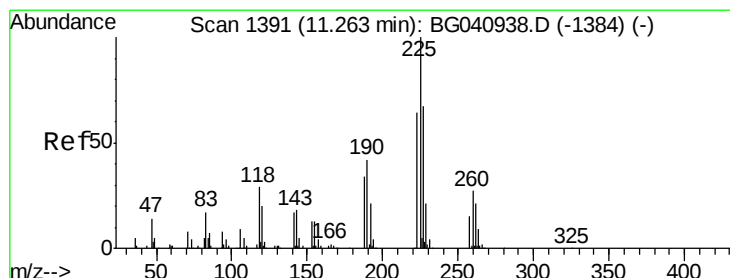
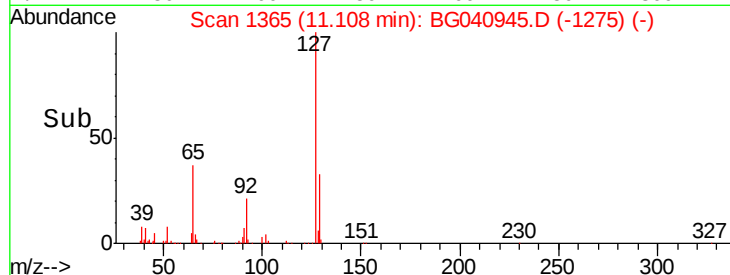
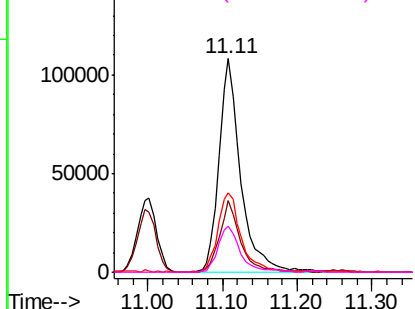
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

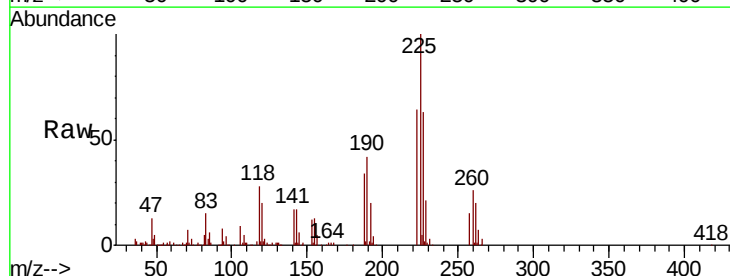
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 41.230 ng
RT: 11.26 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:	225	Resp:	158515
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	62.9	51.4	77.0

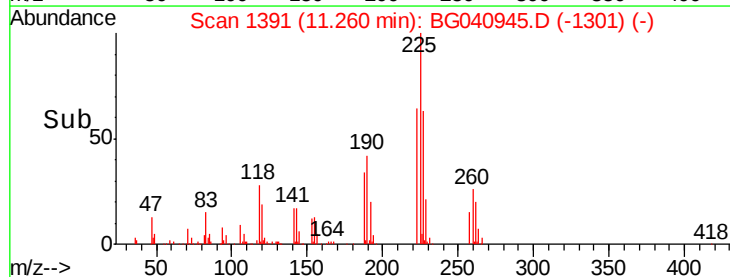
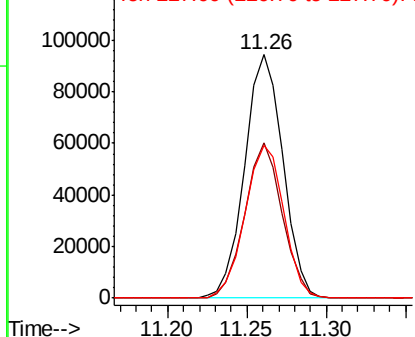


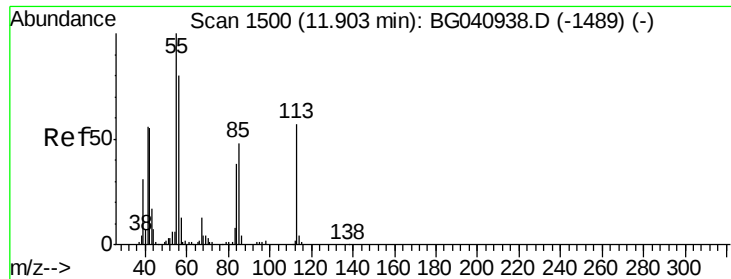
Abundance

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

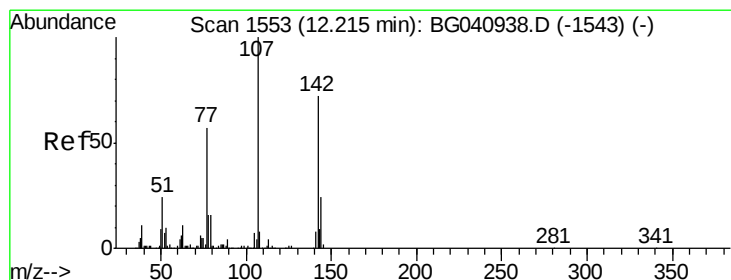
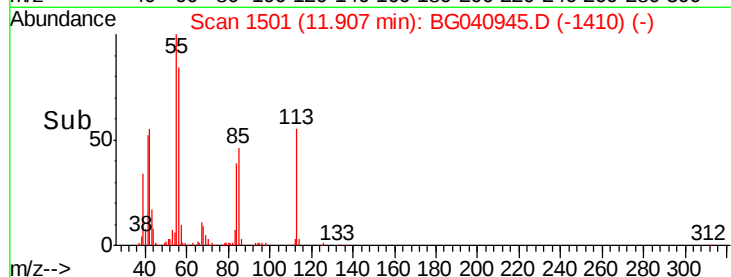
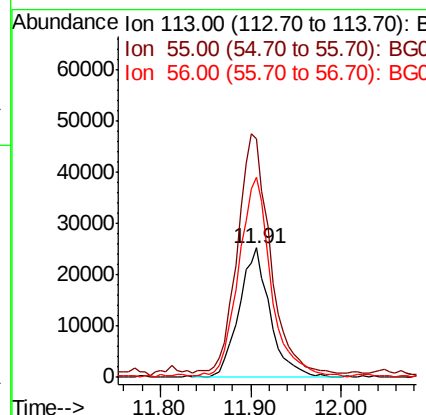
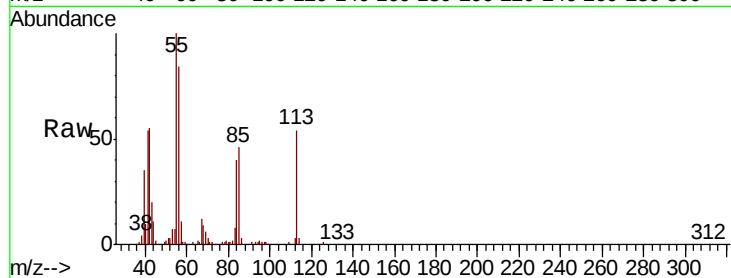




#35
 Caprolactam
 Concen: 41.041 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

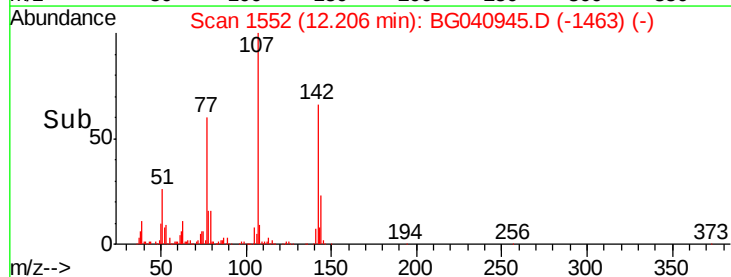
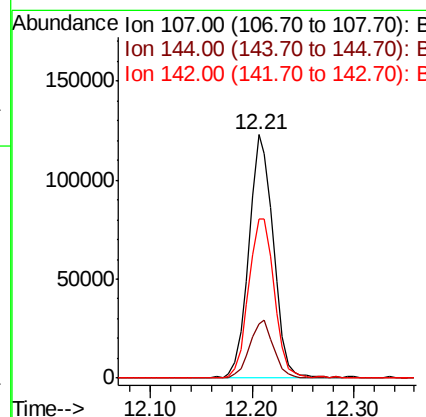
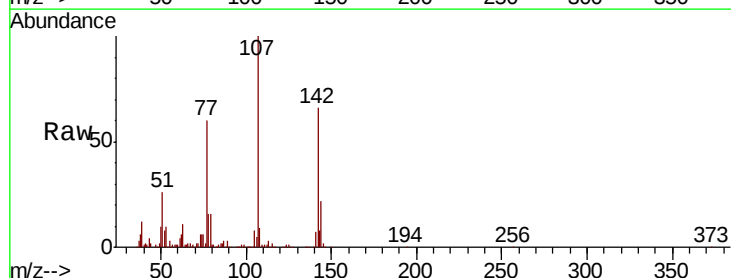
Instrument :
 BNA_G
 ClientSampleId :

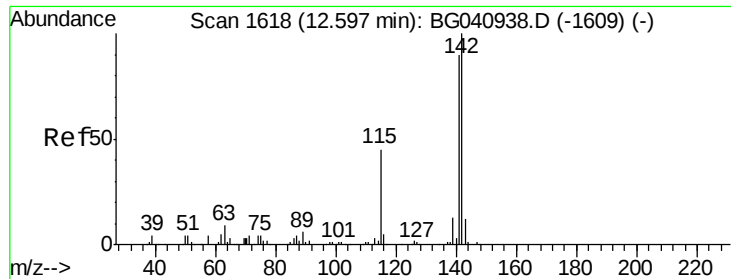
Tot Ion:113 Resp: 59863
 Ion Ratio Lower Upper
 113 100
 55 183.8 155.9 195.9
 56 154.5 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.939 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion:107 Resp: 206518
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.4 29.0
 142 65.6 57.3 85.9

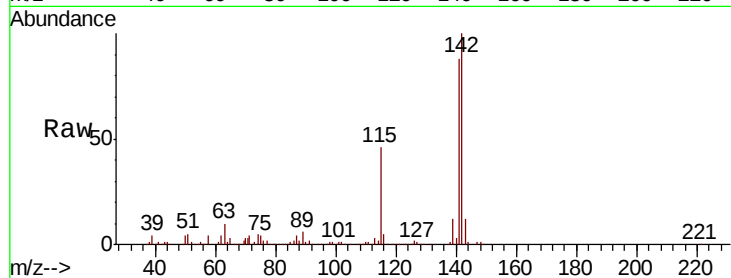




#37
2-Methylnaphthalene
Concen: 40.104 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.4
115	45.6	36.2	54.4

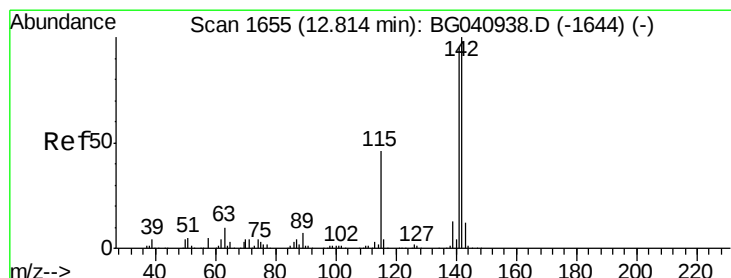
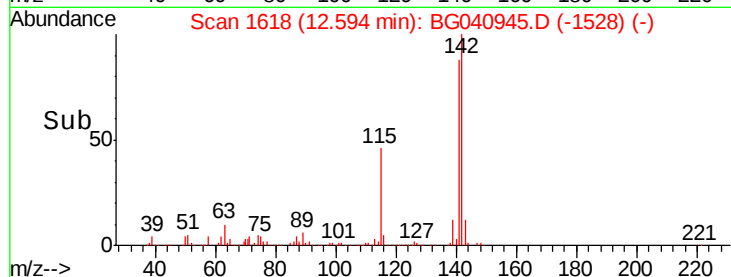
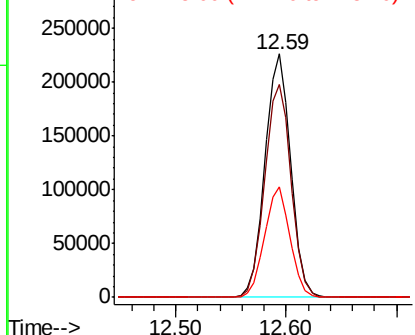


Abundance

Ion 142.00 (141.70 to 142.70): E

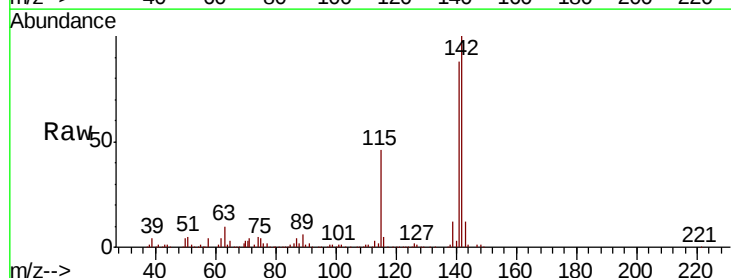
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.558 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.22 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	75.7	113.5
116	5.1	3.4	5.2

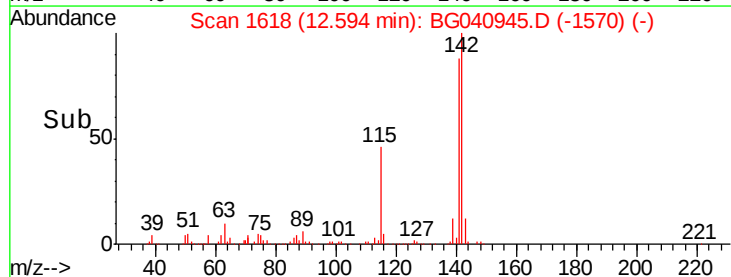
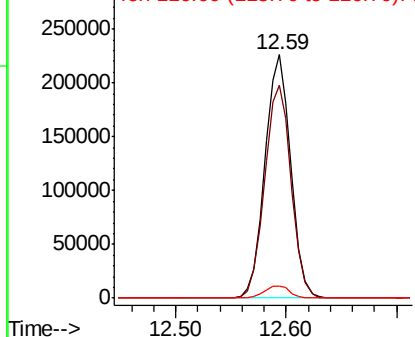


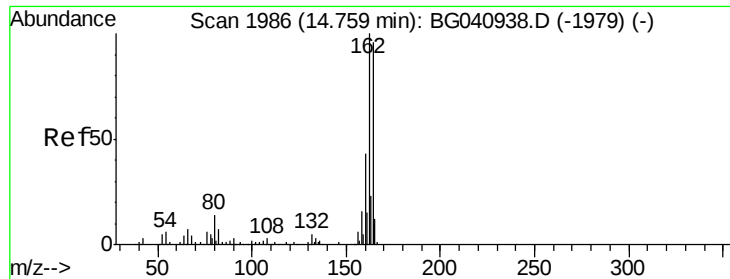
Abundance

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: BG040945.D

Acq: 30 May 2019 10:42

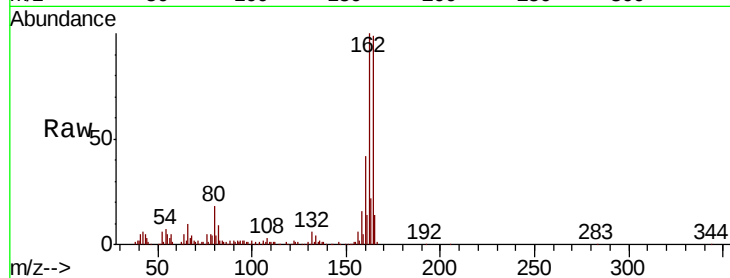
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 165817

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.0	124.4
160	42.6	35.6	53.4

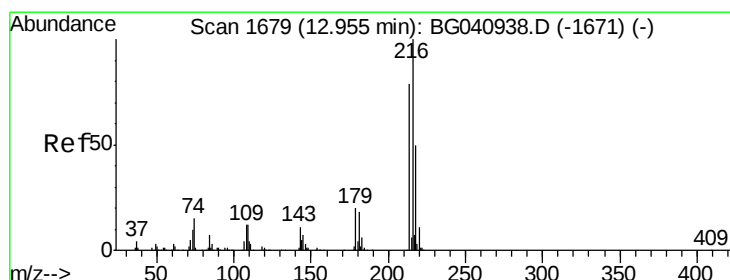
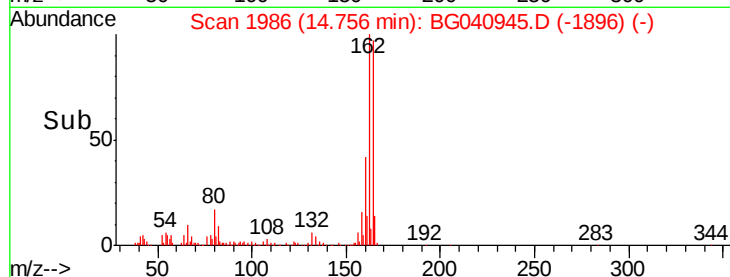
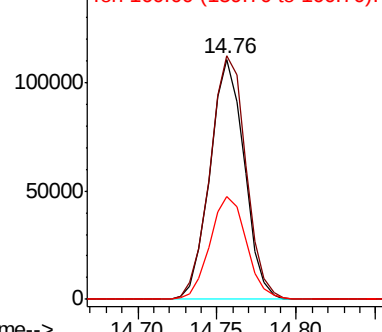


Abundance

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: 40.584 ng

RT: 12.95 min Scan# 1679

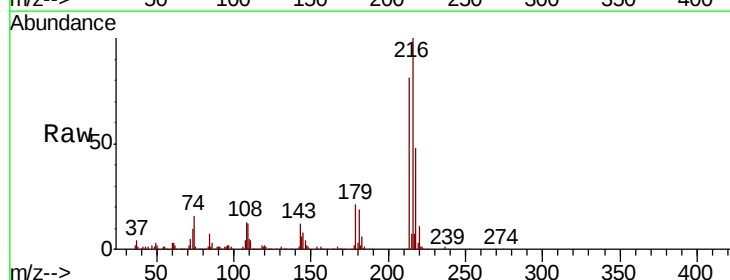
Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Tgt Ion:216 Resp: 271234

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	19.7	15.2	22.8
108	16.6	11.4	17.2



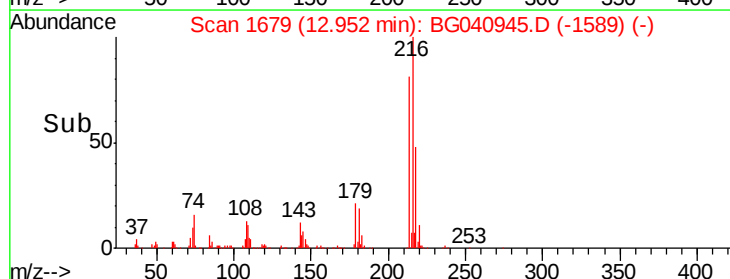
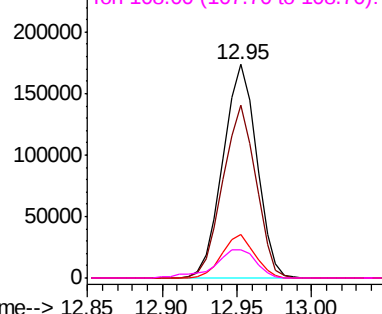
Abundance

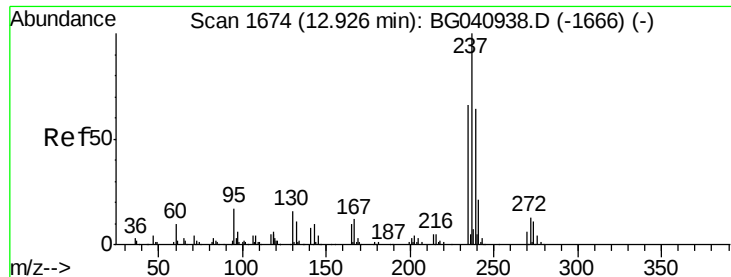
Ion 216.00 (215.70 to 216.70): E

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: 49.619 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

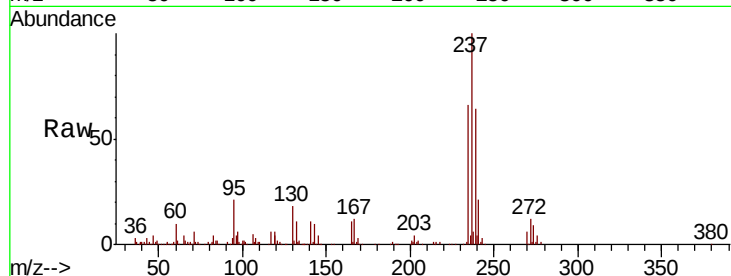
Tot Ion:237 Resp: 165734

Ion Ratio Lower Upper

237 100

235 65.6 45.5 85.5

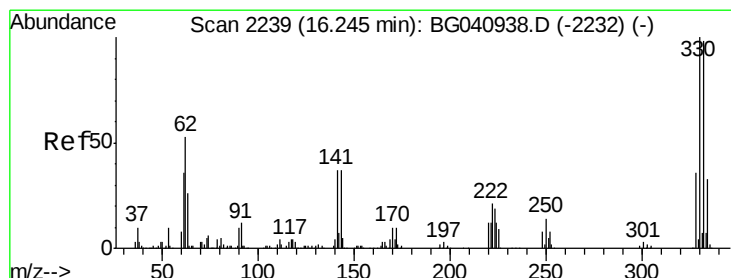
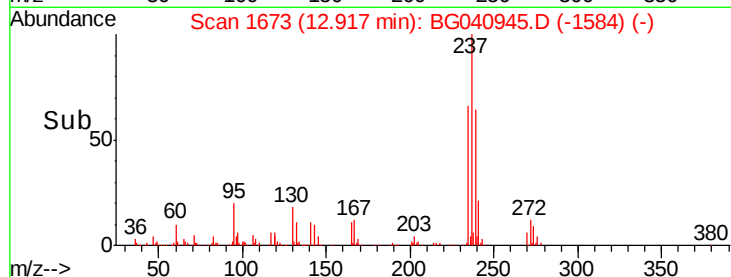
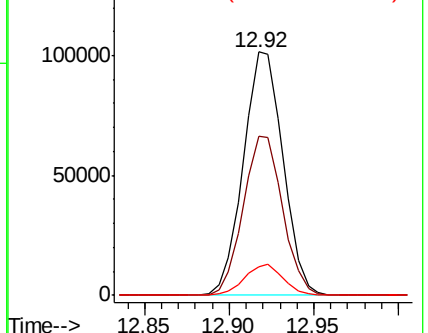
272 11.8 0.0 32.9



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: 81.517 ng

RT: 16.24 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

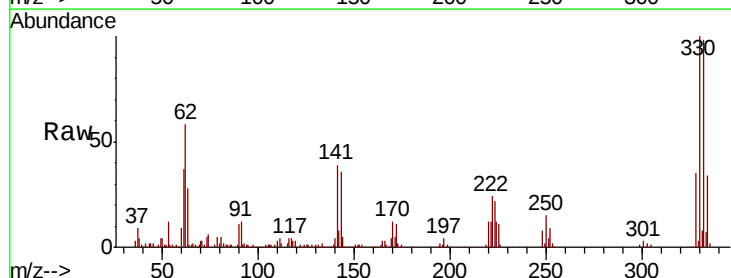
Tgt Ion:330 Resp: 200667

Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

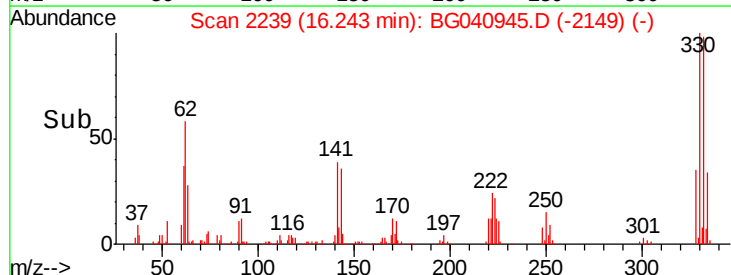
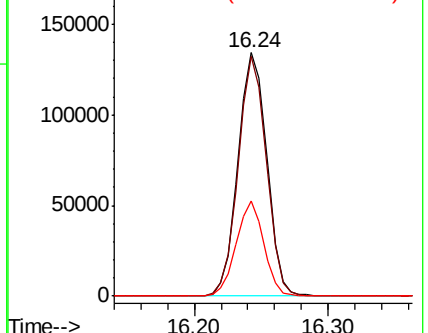
141 37.6 28.7 43.1

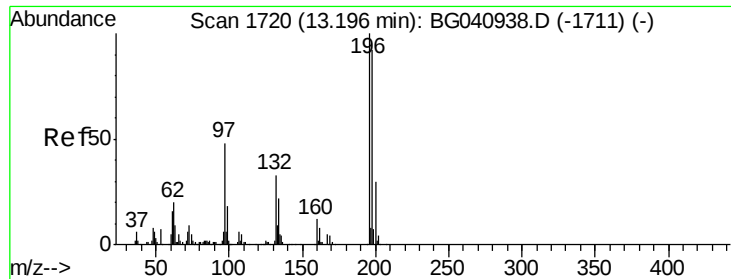


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

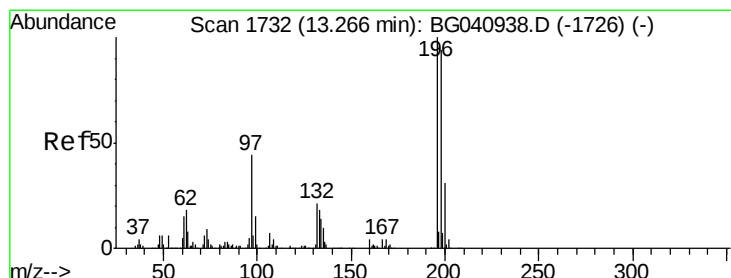
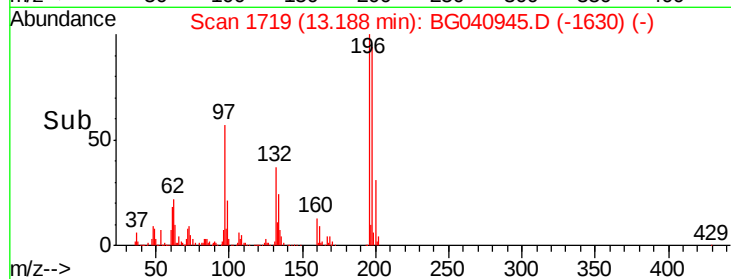
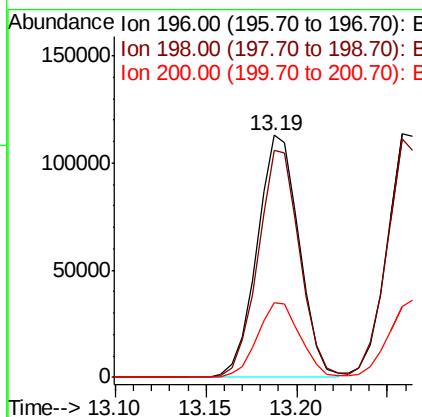
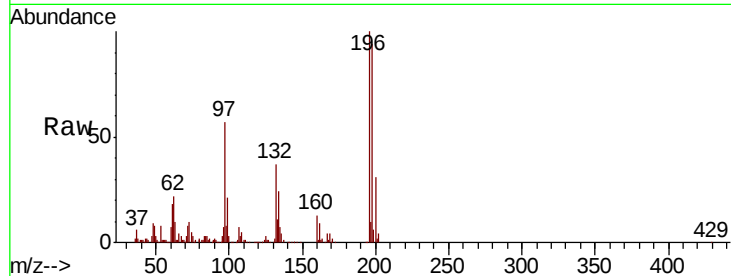




#43
 2,4,6-Trichlorophenol
 Concen: 42.304 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

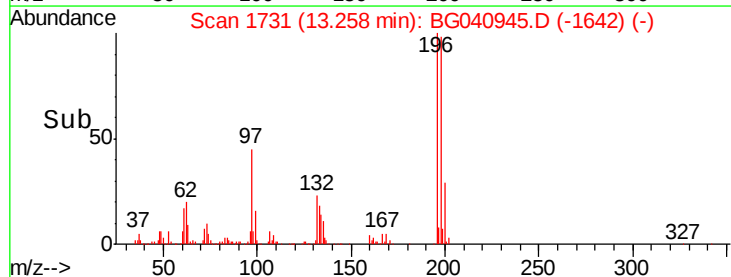
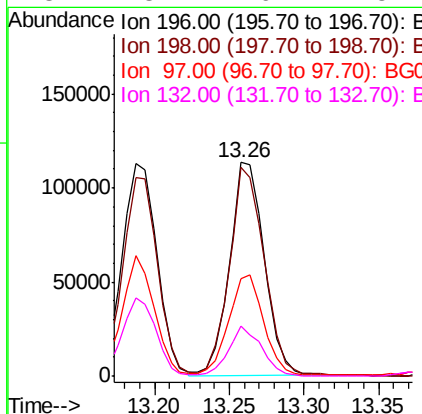
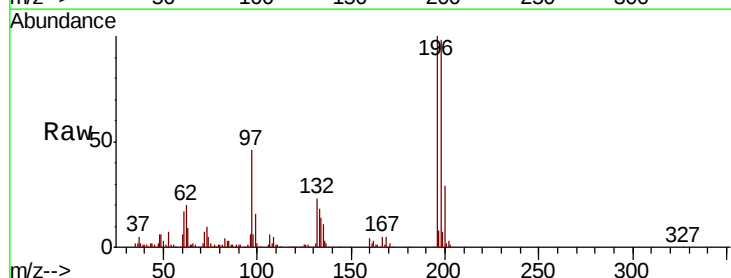
Instrument :
 BNA_G
 ClientSampleId :

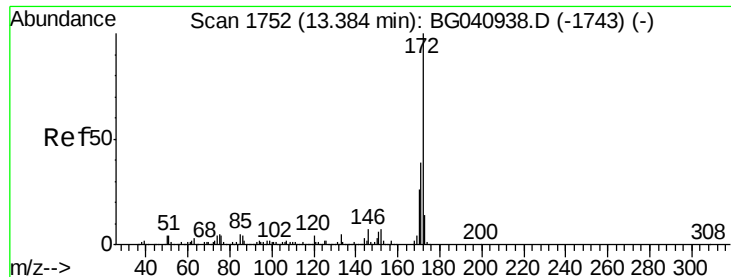
Tot Ion	196	Resp	182901
Ion Ratio	Lower	Upper	
196	100		
198	93.6	73.8	110.6
200	30.7	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.667 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion	196	Resp	185430
Ion Ratio	Lower	Upper	
196	100		
198	97.9	75.1	112.7
97	45.6	35.6	53.4
132	23.2	16.7	25.1

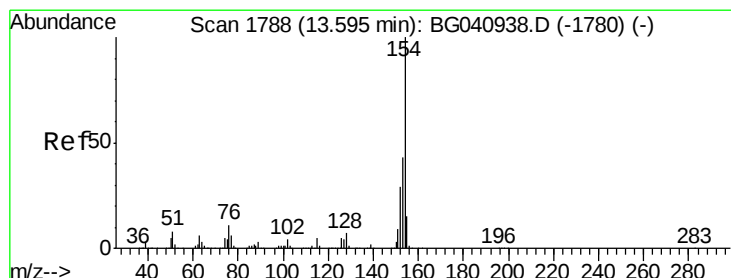
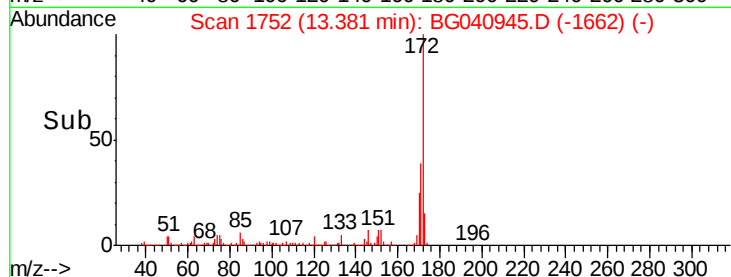
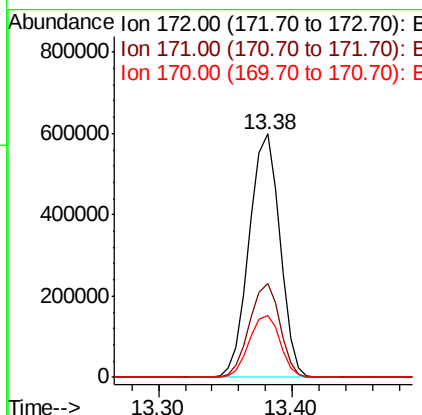
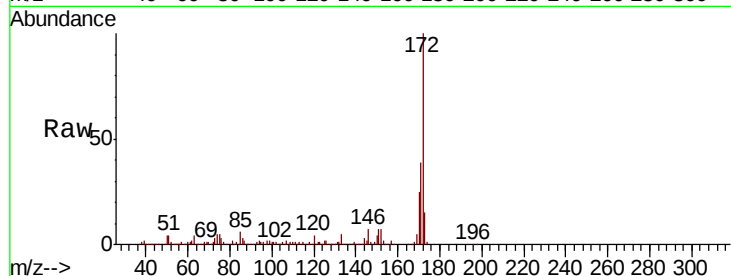




#45
 2-Fluorobiphenyl
 Concen: 82.586 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

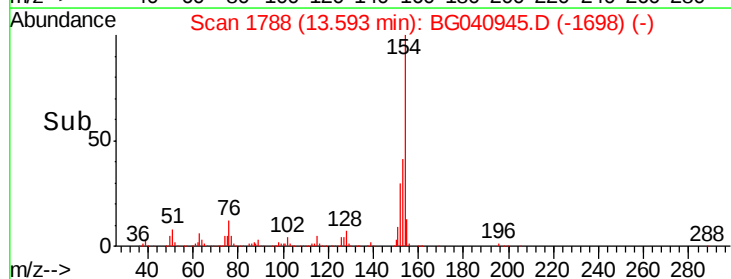
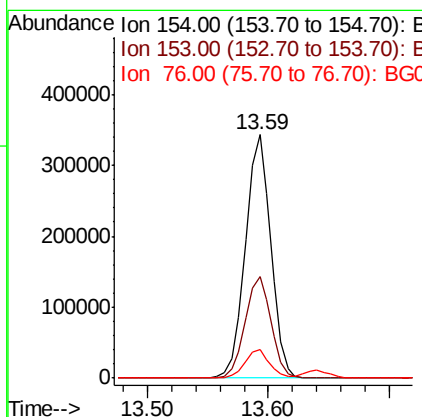
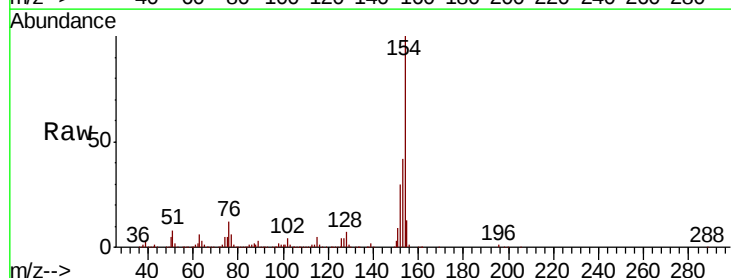
Instrument :
 BNA_G
 ClientSampleId :

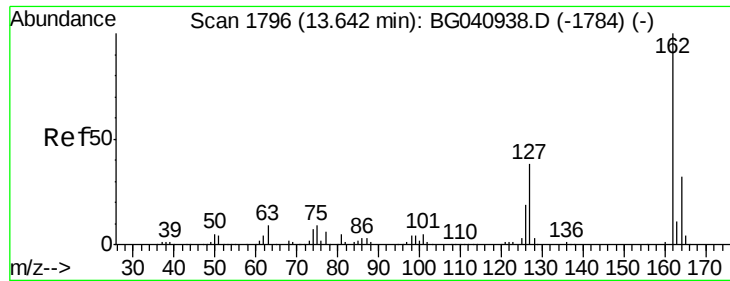
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.1	46.7
170	25.5	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 41.015 ng
 RT: 13.59 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.3	63.3
76	11.9	0.0	31.1

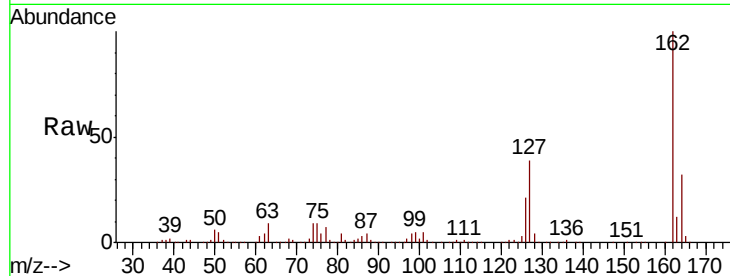




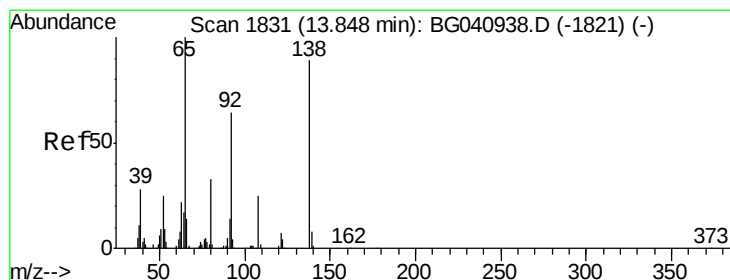
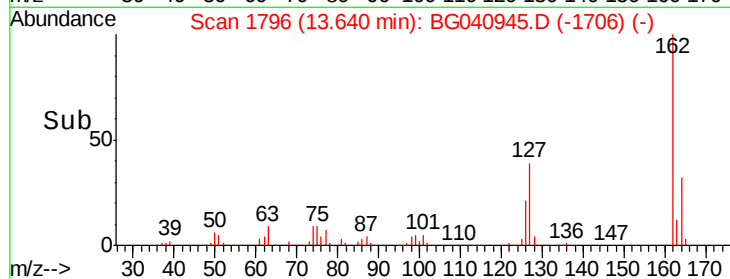
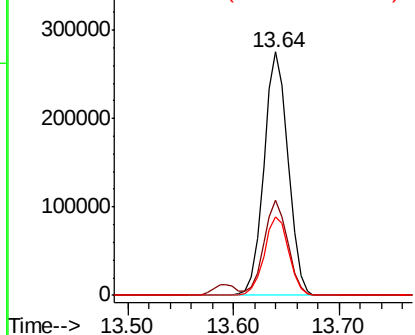
#47
 2-Chloronaphthalene
 Concen: 41.262 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 434783
 Ion Ratio Lower Upper
 162 100
 127 39.0 30.5 45.7
 164 32.0 25.8 38.6

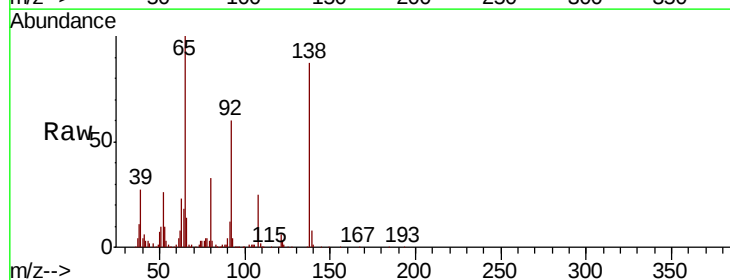


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

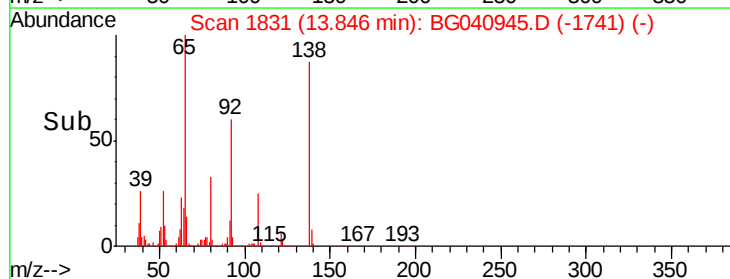
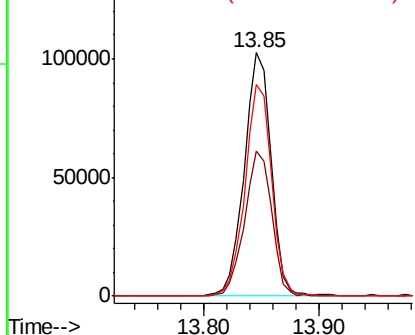


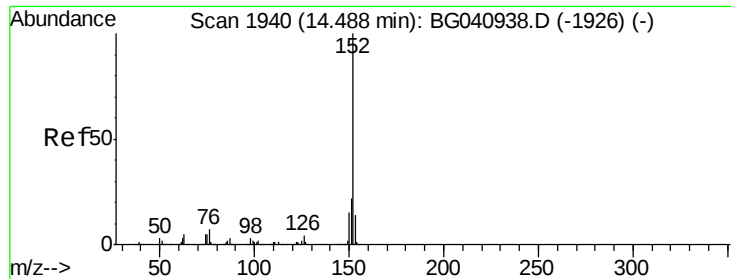
#48
 2-Nitroaniline
 Concen: 43.977 ng
 RT: 13.85 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion: 65 Resp: 166241
 Ion Ratio Lower Upper
 65 100
 92 59.6 51.0 76.6
 138 86.7 71.2 106.8



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.724 ng

RT: 14.49 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

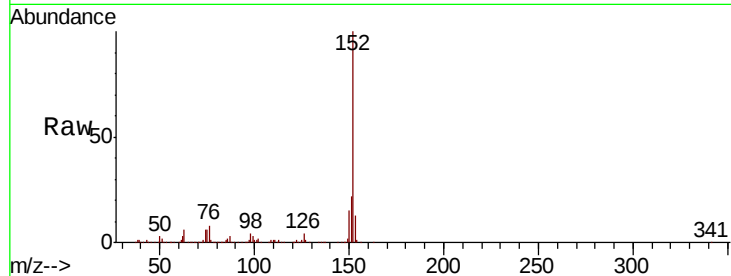
Tot Ion:152 Resp: 645841

Ion Ratio Lower Upper

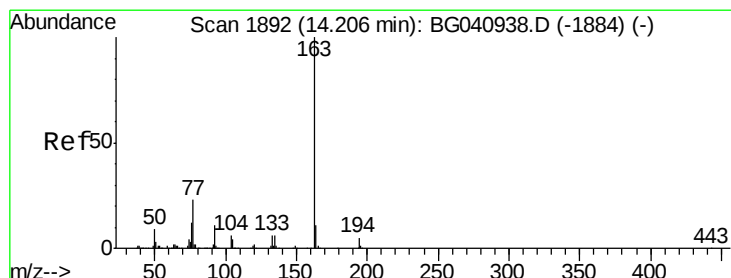
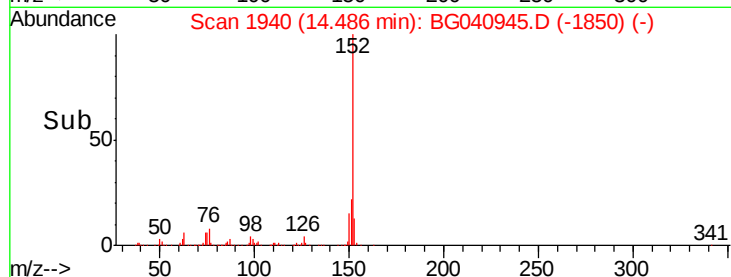
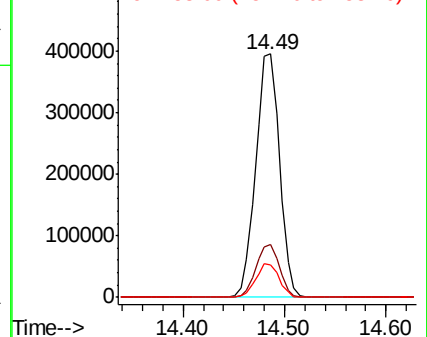
152 100

151 21.7 17.4 26.0

153 13.4 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: 40.421 ng

RT: 14.20 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

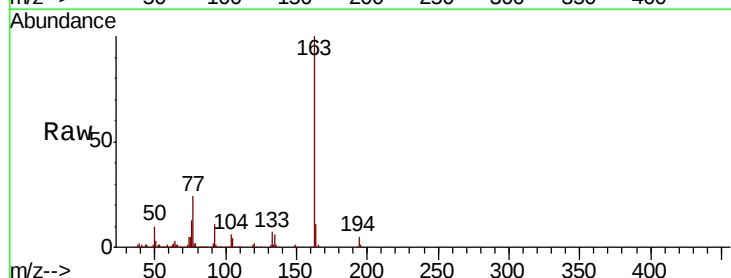
Tgt Ion:163 Resp: 567367

Ion Ratio Lower Upper

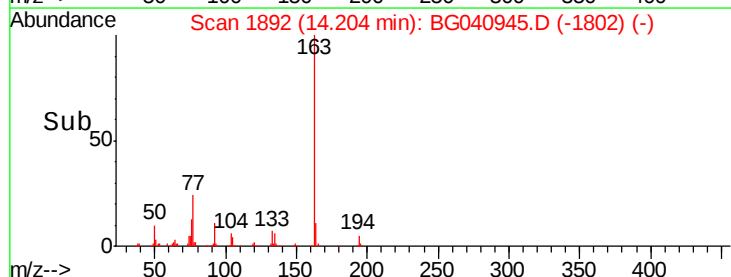
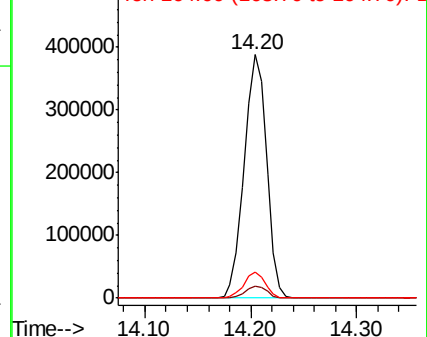
163 100

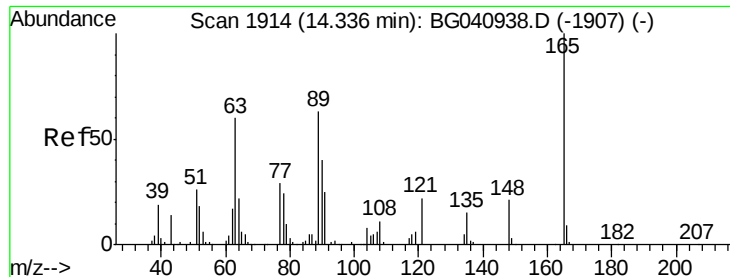
194 4.9 3.8 5.8

164 10.9 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: 40.928 ng

RT: 14.33 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

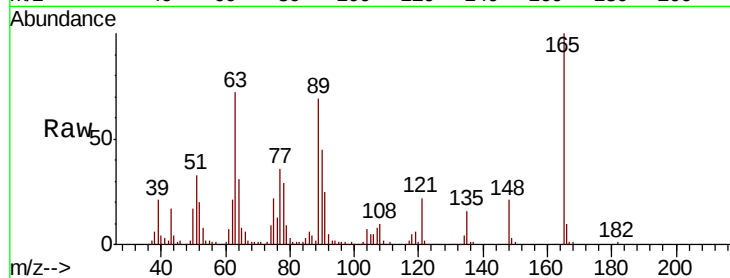
Tot Ion:165 Resp: 123863

Ion Ratio Lower Upper

165 100

63 72.4 53.6 80.4

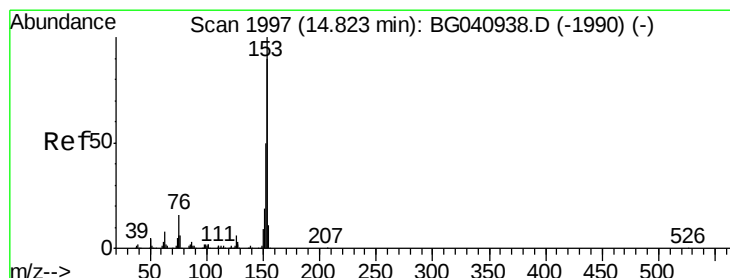
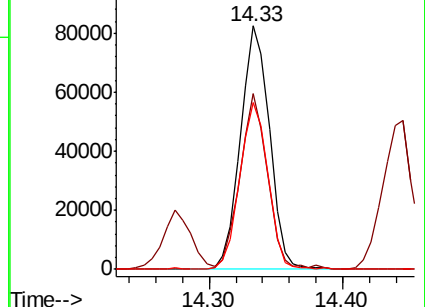
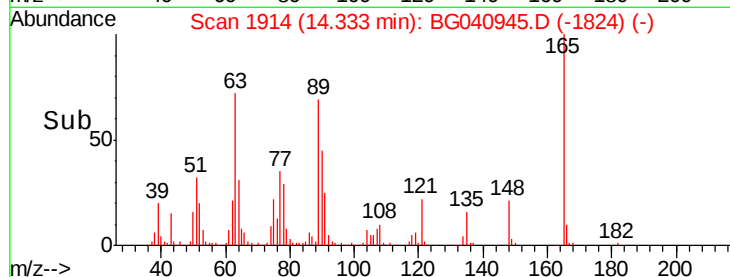
89 68.6 50.4 75.6



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: 40.378 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

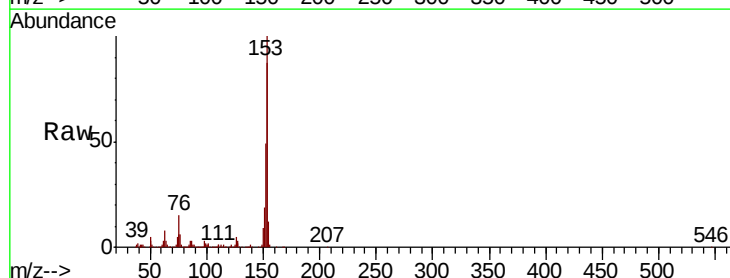
Tgt Ion:154 Resp: 387926

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

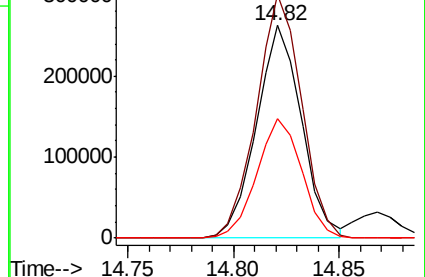
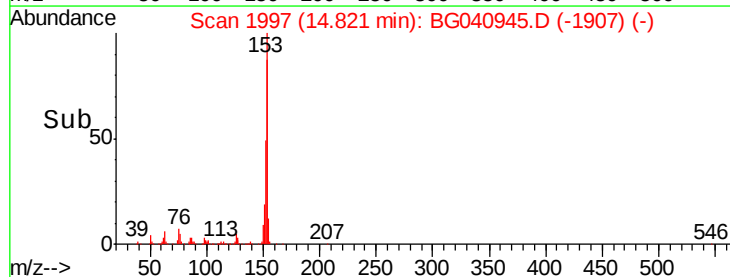
152 56.3 44.2 66.4

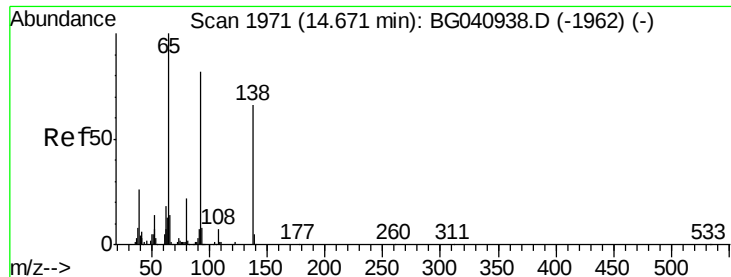


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

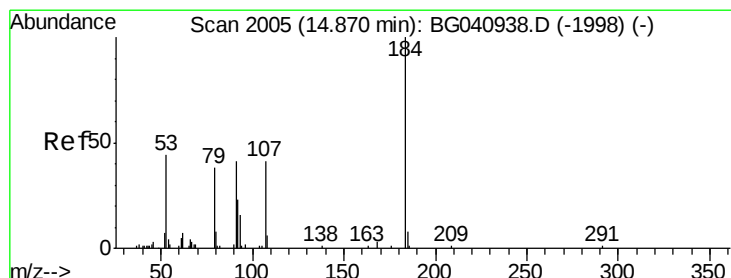
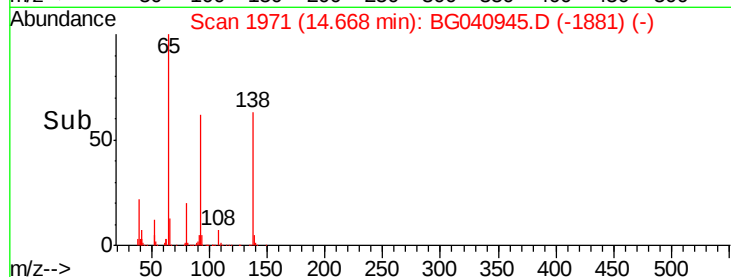
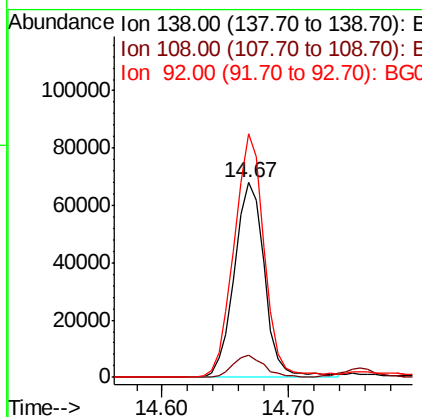
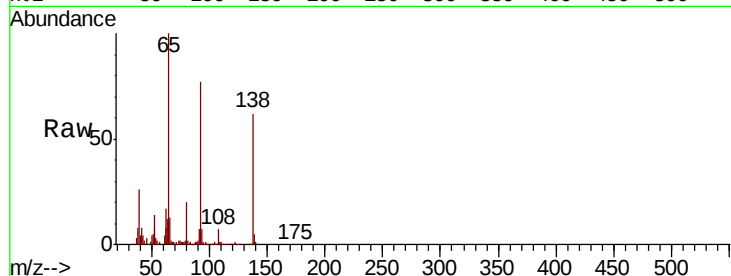




#53
3-Nitroaniline
Concen: 36.942 ng
RT: 14.67 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

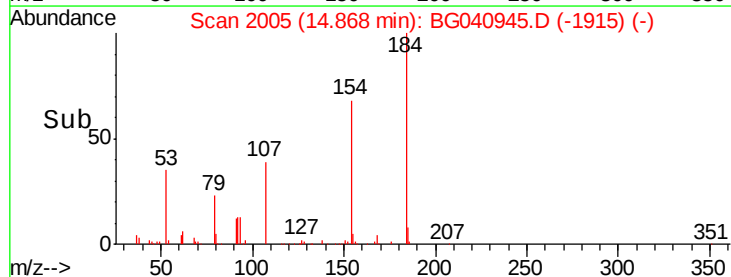
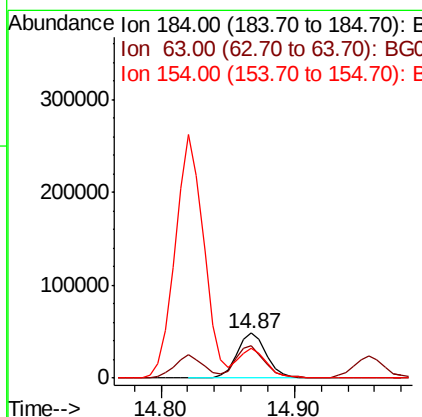
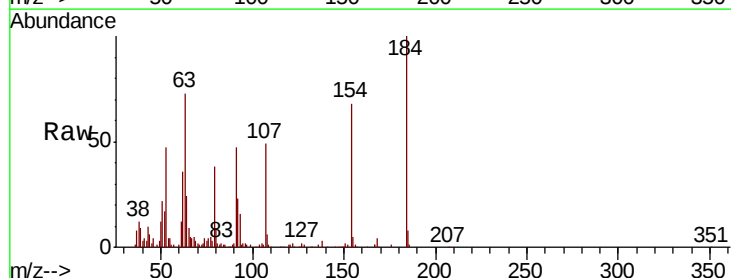
Instrument :
BNA_G
ClientSampleId :

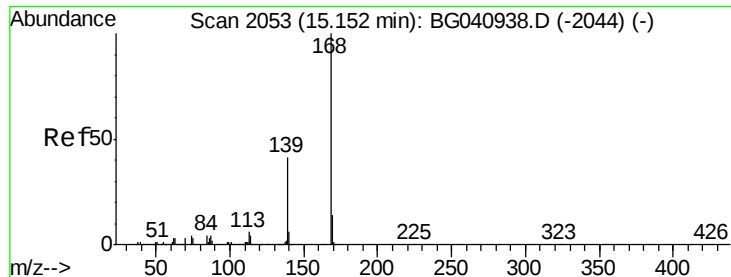
Tot Ion:138 Resp: 111798
Ion Ratio Lower Upper
138 100
108 11.5 8.5 12.7
92 125.0 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 55.669 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:184 Resp: 75061
Ion Ratio Lower Upper
184 100
63 73.1 49.8 74.6
154 67.6 52.2 78.4





#55

Dibenzofuran

Concen: 40.575 ng

RT: 15.16 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

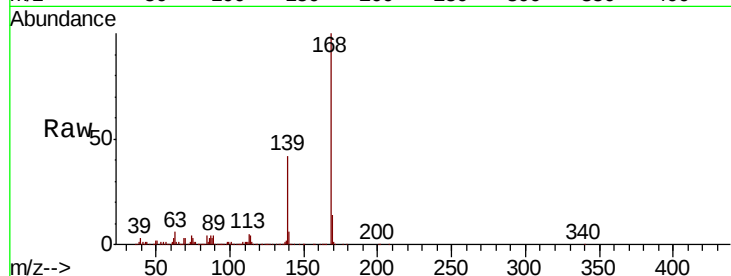
Tot Ion:168 Resp: 655924

Ion Ratio Lower Upper

168 100

139 41.9 32.8 49.2

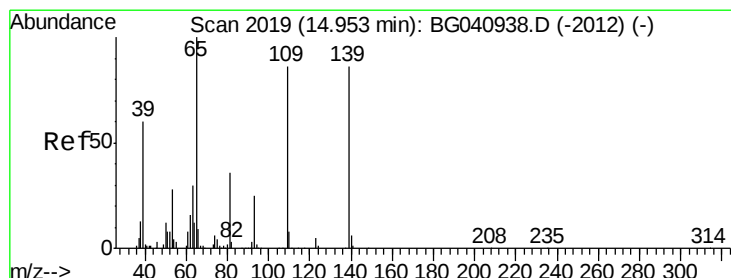
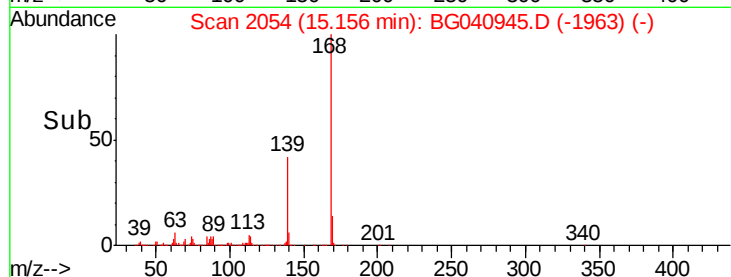
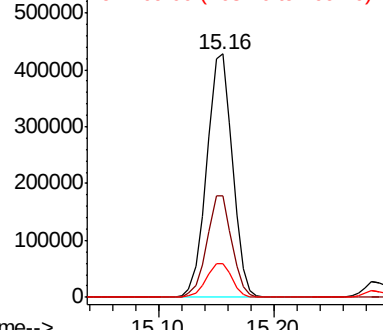
169 14.1 11.3 16.9



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: 44.321 ng

RT: 14.96 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

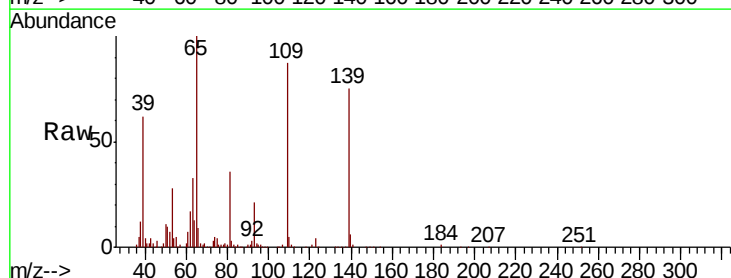
Tgt Ion:139 Resp: 92000

Ion Ratio Lower Upper

139 100

109 115.6 79.6 119.6

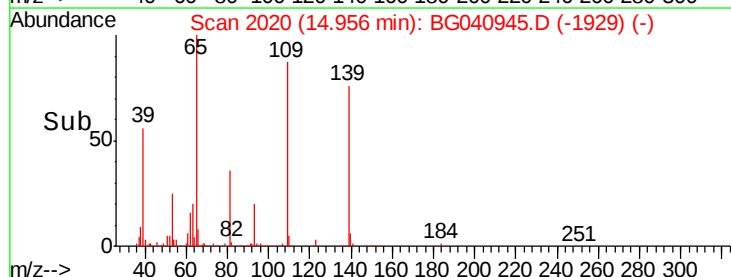
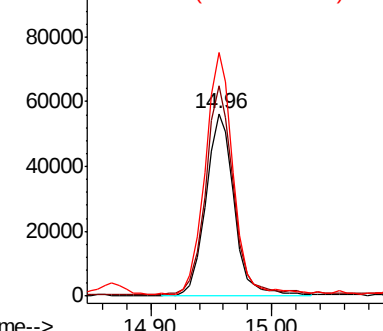
65 133.4 96.9 136.9

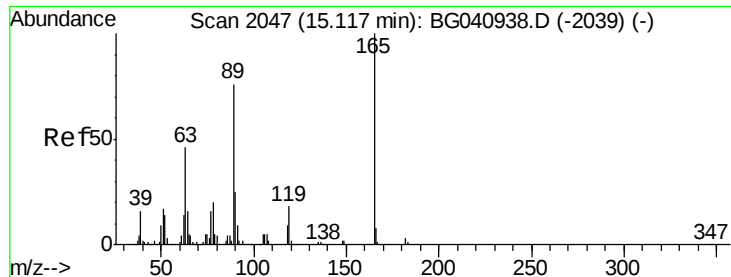


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

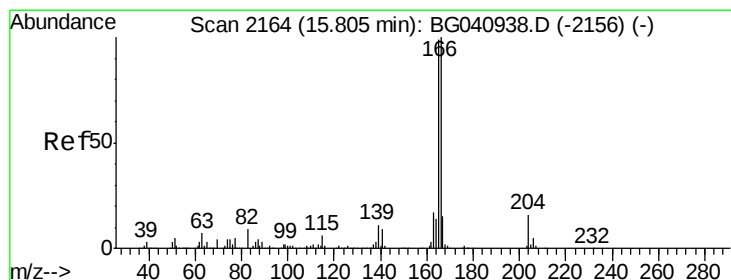
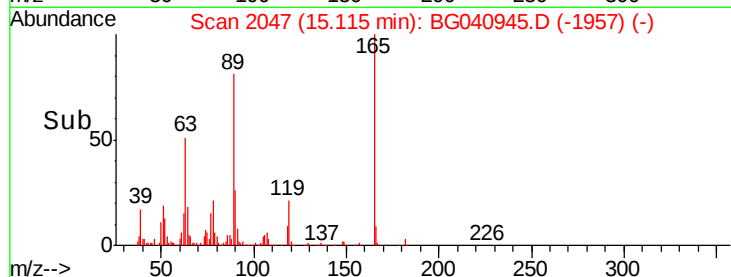
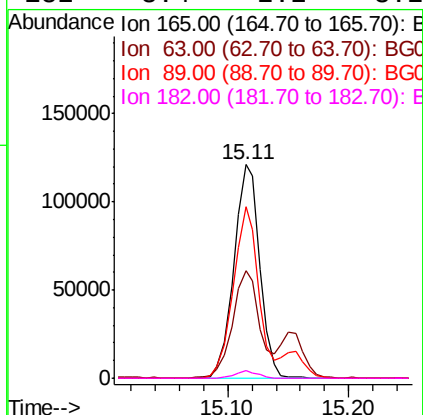
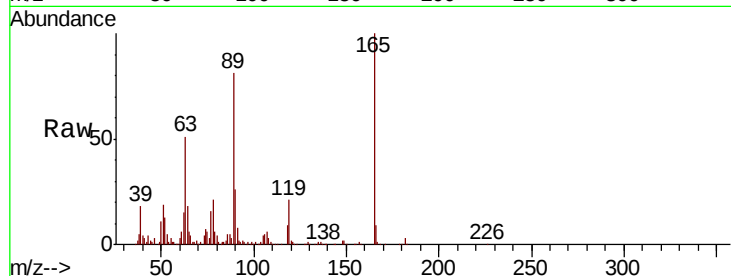




#57
2,4-Dinitrotoluene
Concen: 42.054 ng
RT: 15.11 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

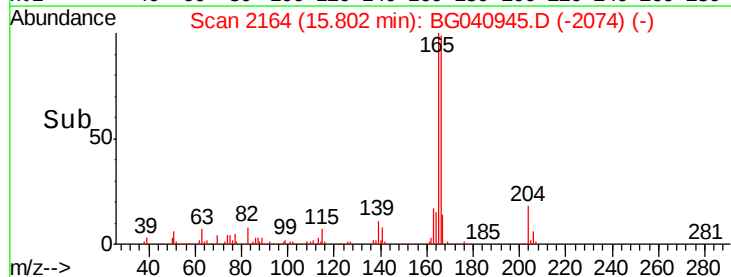
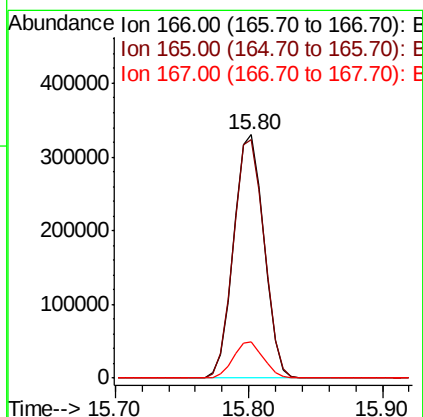
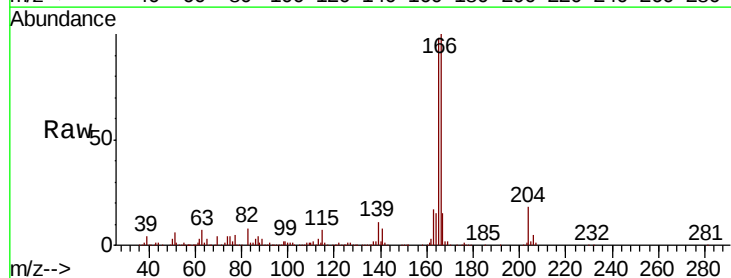
Instrument :
BNA_G
ClientSampleId :

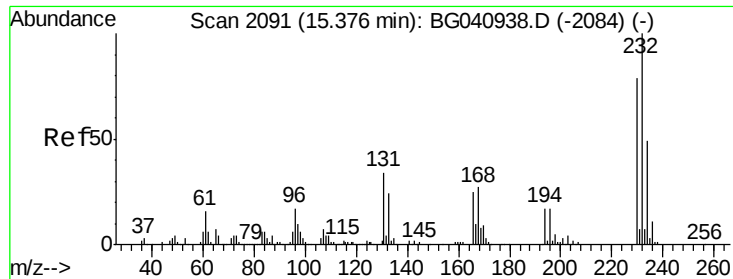
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	37.3	55.9
89	80.6	61.0	91.6
182	3.4	2.2	3.2#



#58
Fluorene
Concen: 40.316 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.2	118.8
167	15.1	11.8	17.6

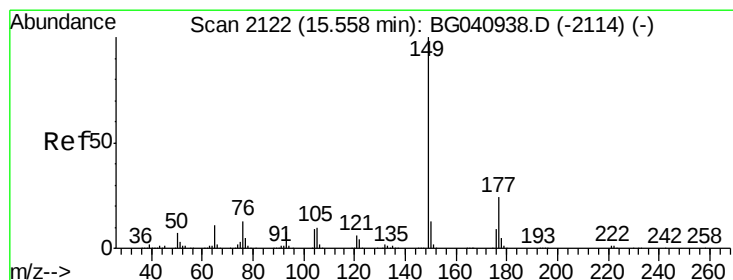
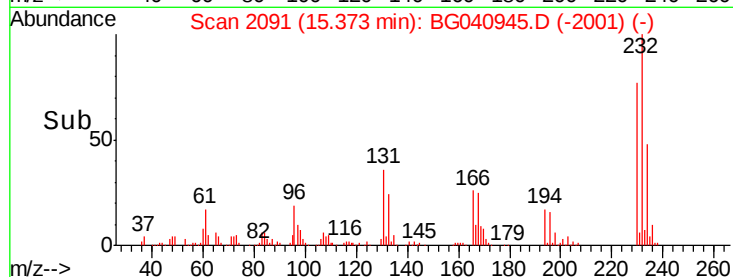
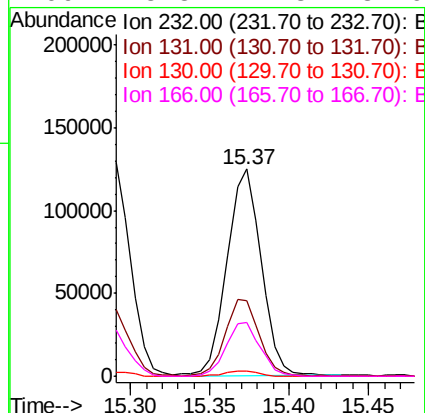
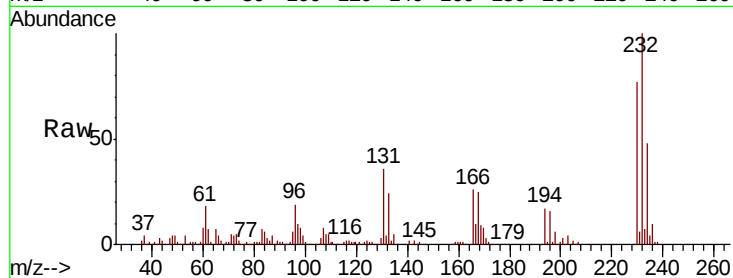




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.359 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

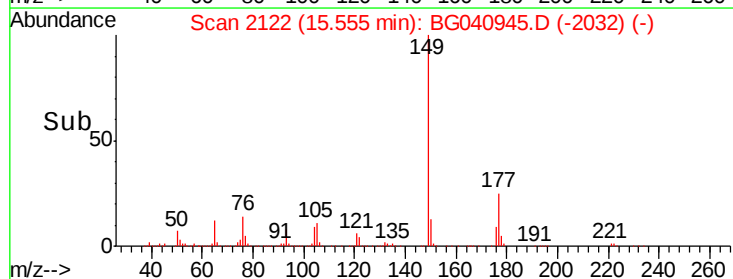
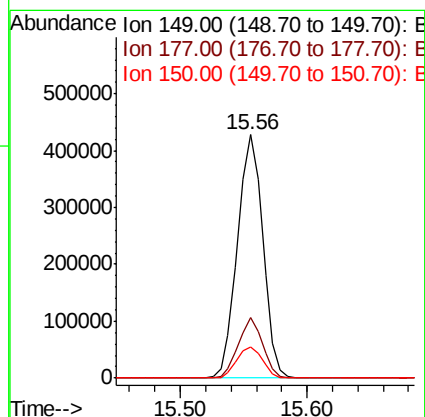
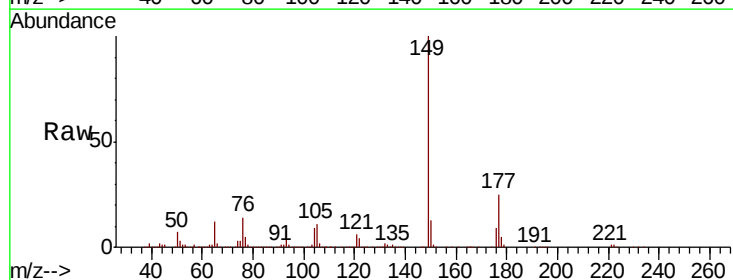
Instrument :
 BNA_G
 ClientSampleId :

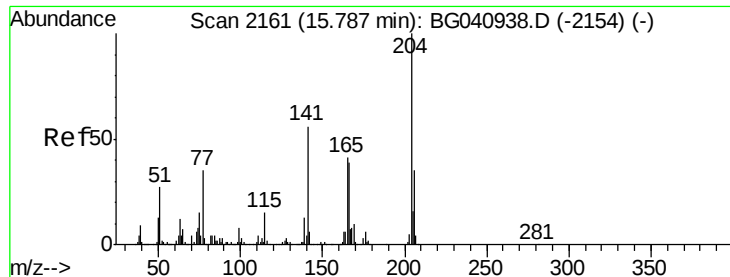
Tot Ion:232	Resp:	185332
Ion Ratio	Lower	Upper
232	100	
131	37.2	30.3 45.5
130	2.7	1.8 2.8
166	25.8	21.3 31.9



#60
 Diethylphthalate
 Concen: 41.267 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion:149	Resp:	591131
Ion Ratio	Lower	Upper
149	100	
177	25.0	19.4 29.0
150	12.9	10.3 15.5

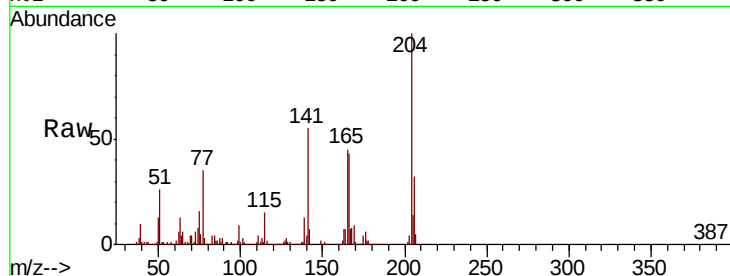




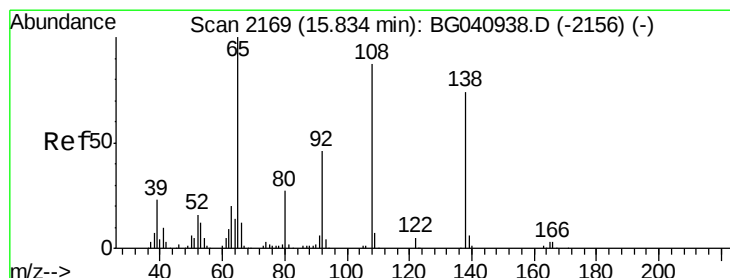
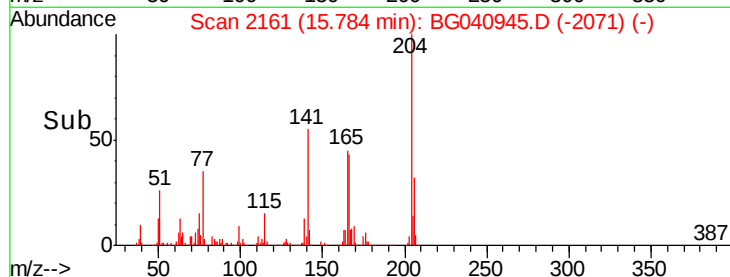
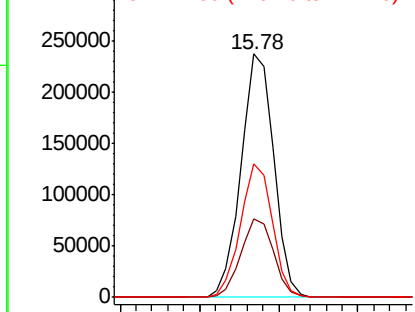
#61
4-Chlorophenyl-phenylether
Concen: 40.650 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 340160
Ion Ratio Lower Upper
204 100
206 32.4 27.6 41.4
141 54.8 45.1 67.7

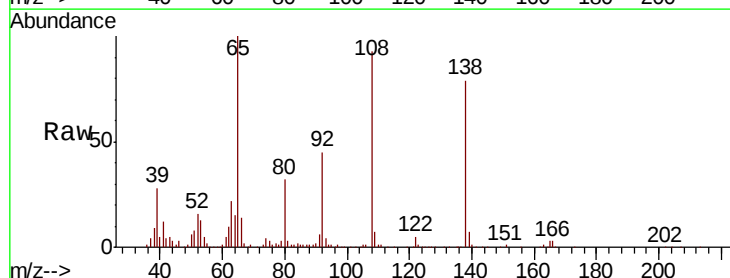


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

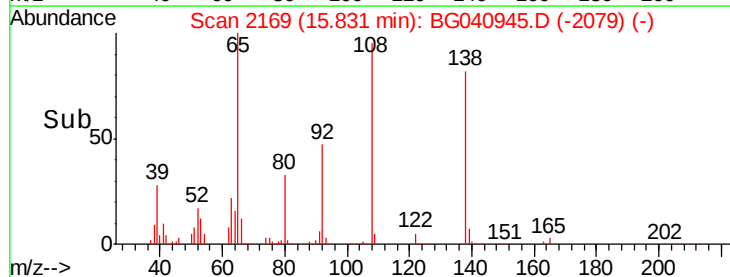
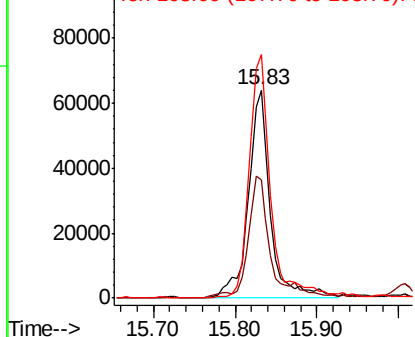


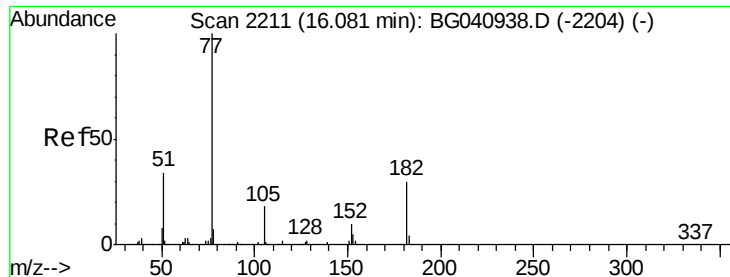
#62
4-Nitroaniline
Concen: 37.564 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:138 Resp: 120349
Ion Ratio Lower Upper
138 100
92 57.1 42.4 82.4
108 117.0 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: 41.102 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 535126

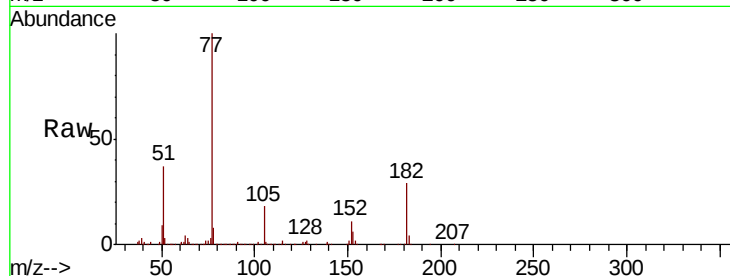
Ion Ratio Lower Upper

77 100

182 28.6 9.6 49.6

105 18.0 0.0 37.5

51 36.9 13.7 53.7

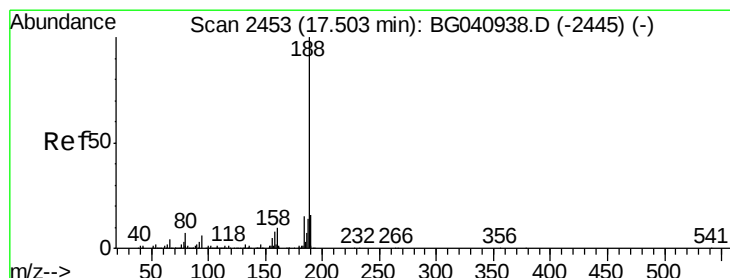
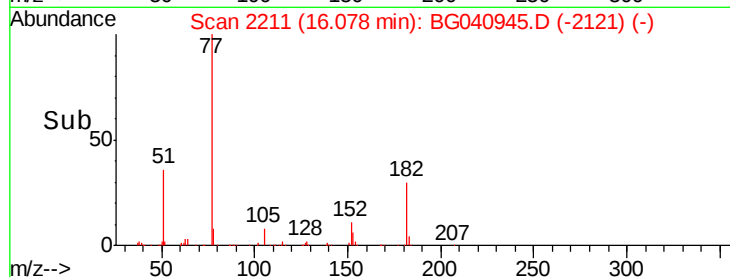
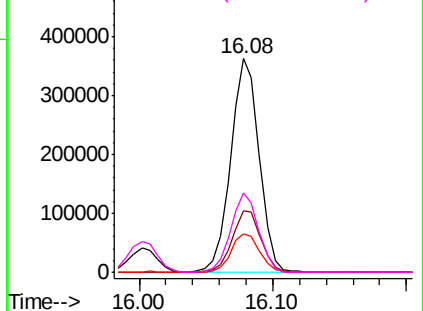


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040945.D

Acq: 30 May 2019 10:42

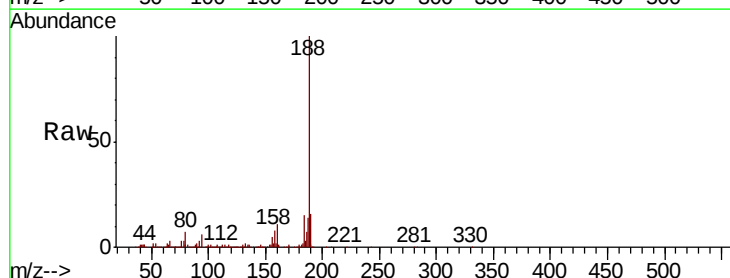
Tgt Ion: 188 Resp: 414664

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

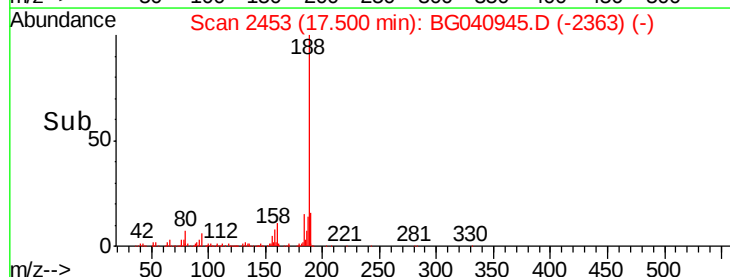
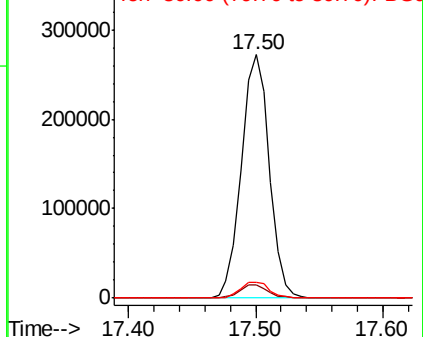
80 6.6 5.8 8.8

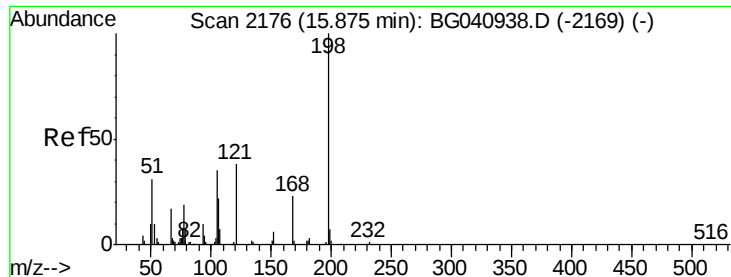


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.284 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

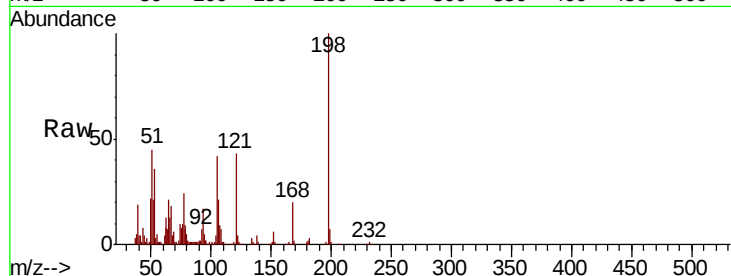
Tot Ion:198 Resp: 110131

Ion Ratio Lower Upper

198 100

51 44.5 21.6 61.6

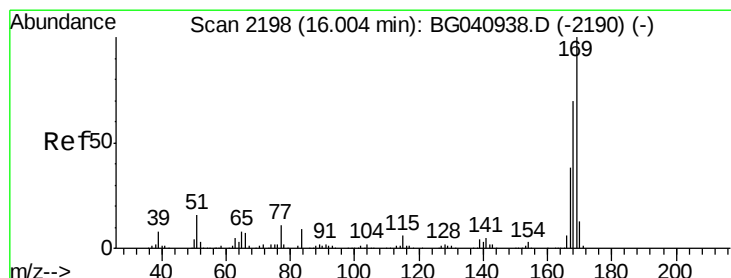
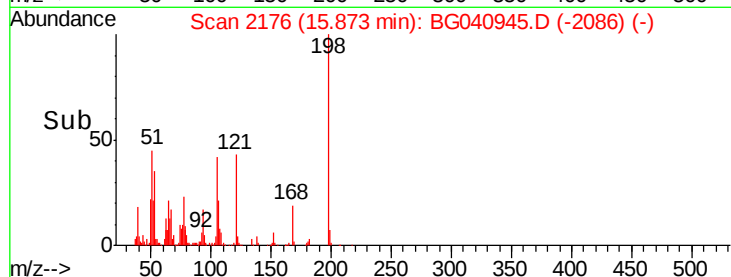
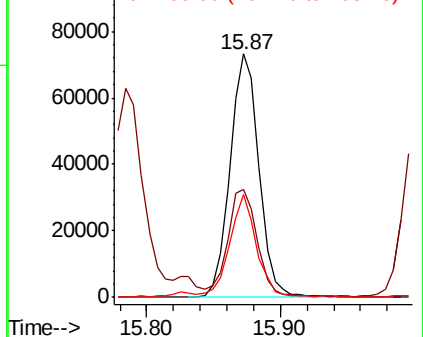
105 42.3 17.5 57.5



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: 40.301 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

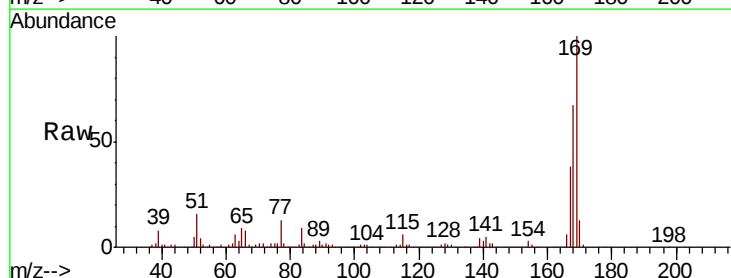
Tgt Ion:169 Resp: 469780

Ion Ratio Lower Upper

169 100

168 67.5 55.7 83.5

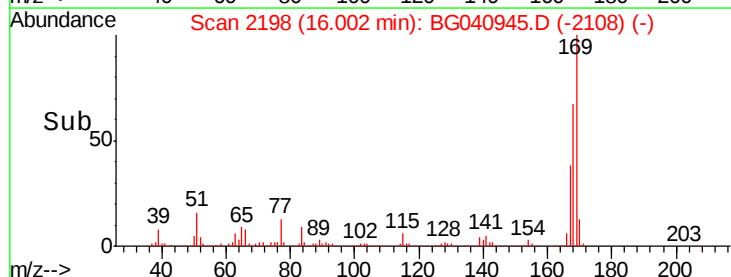
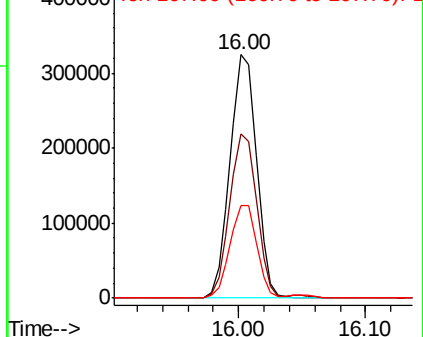
167 38.0 30.2 45.2

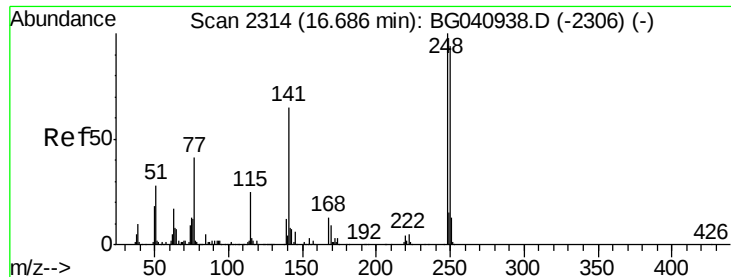


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

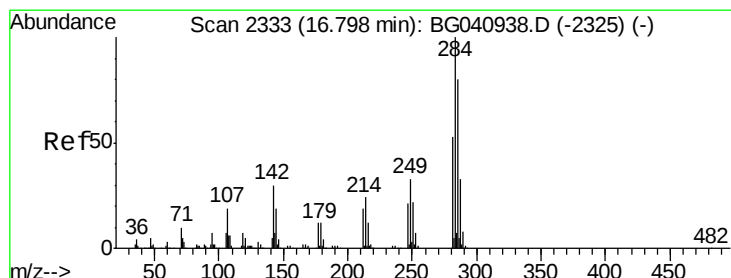
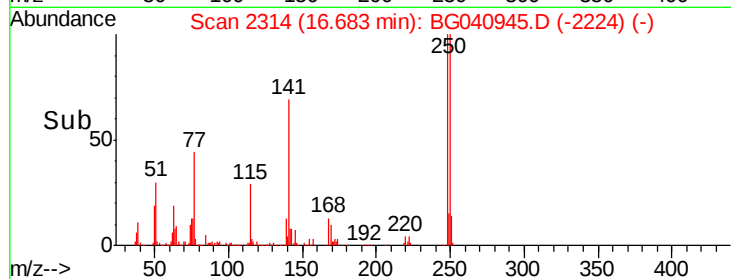
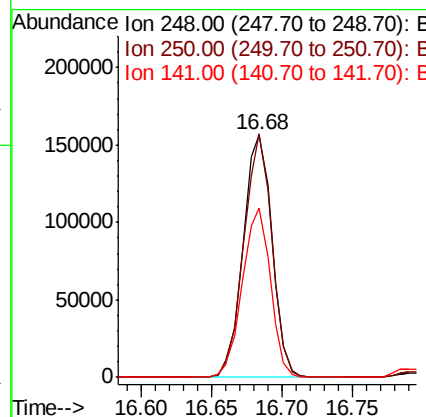
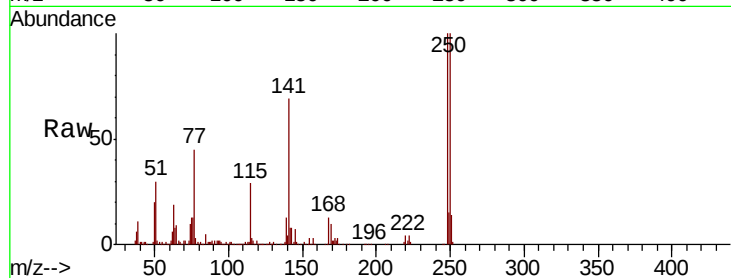




#67
4-Bromophenyl-phenylether
Concen: 39.956 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

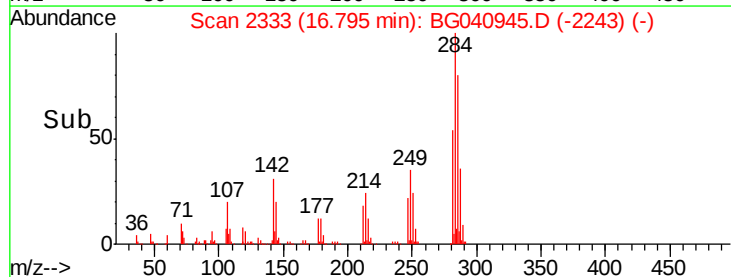
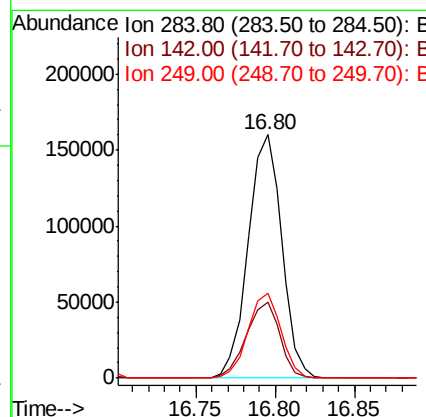
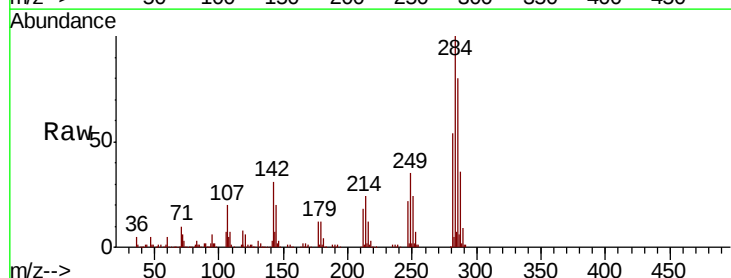
Instrument :
BNA_G
ClientSampleId :

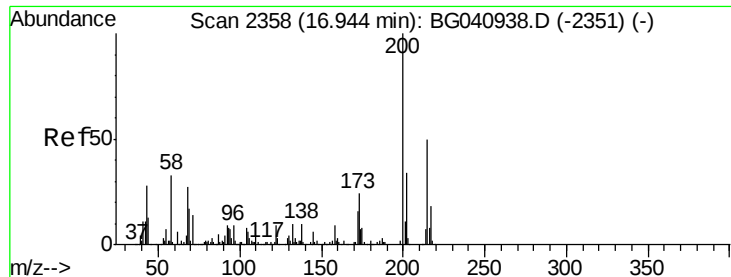
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	75.0	112.4
141	69.6	52.4	78.6



#68
Hexachlorobenzene
Concen: 39.614 ng
RT: 16.80 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	23.9	35.9
249	35.0	26.8	40.2





#69

Atrazine

Concen: 43.748 ng

RT: 16.94 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

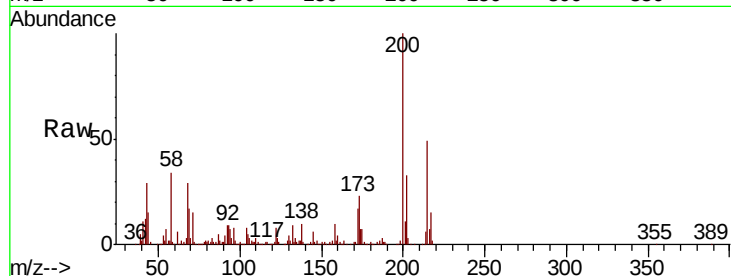
Tot Ion:200 Resp: 196770

Ion Ratio Lower Upper

200 100

173 23.2 3.6 43.6

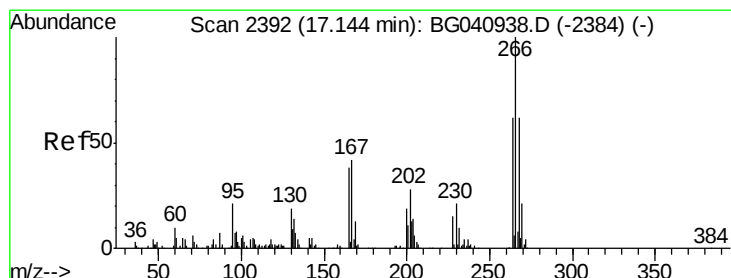
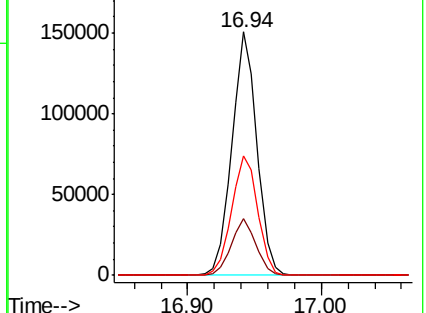
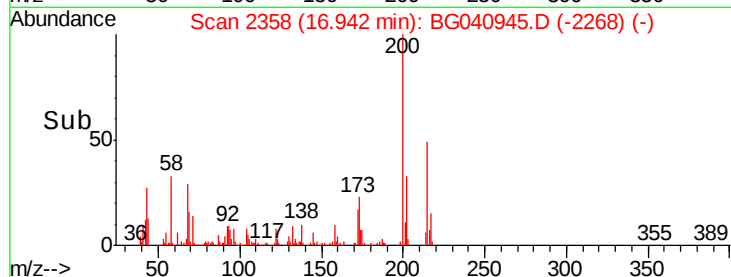
215 49.3 29.6 69.6



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: 44.751 ng

RT: 17.14 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

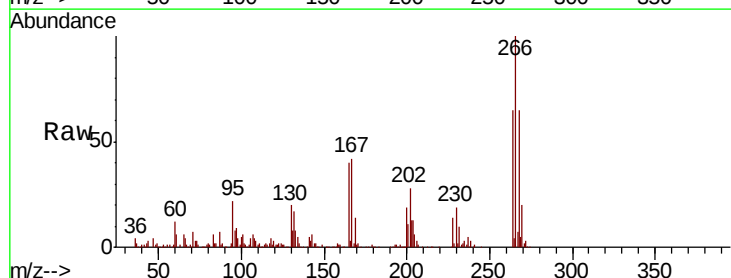
Tgt Ion:266 Resp: 136533

Ion Ratio Lower Upper

266 100

268 65.5 53.1 79.7

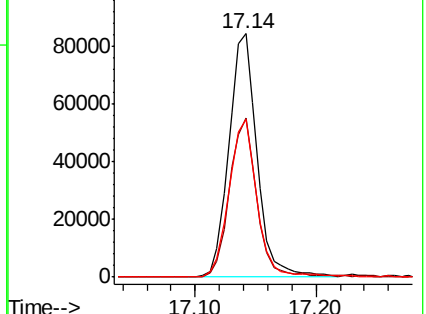
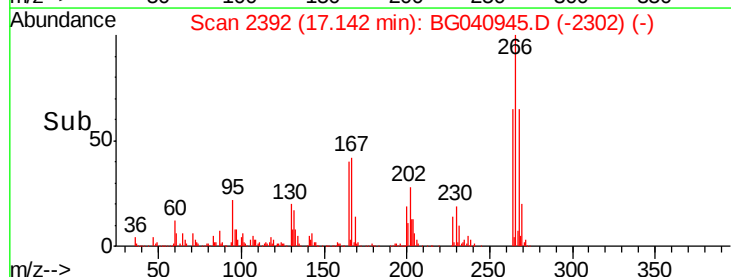
264 64.6 49.9 74.9

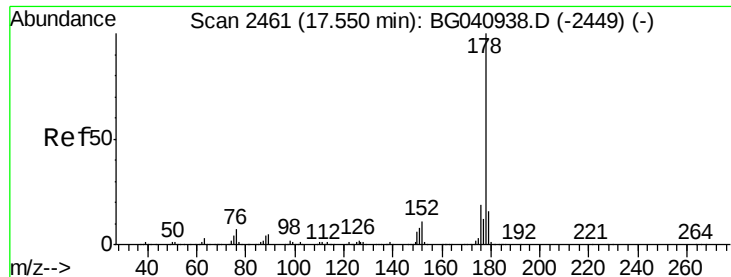


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.658 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

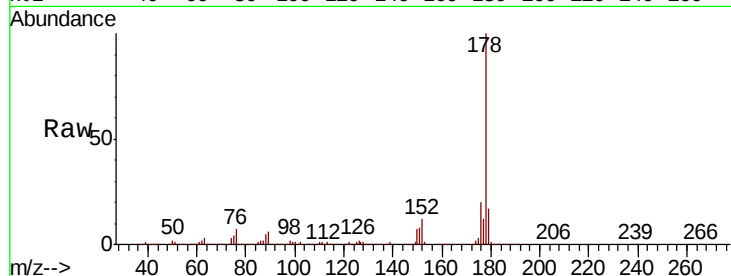
Tot Ion:178 Resp: 878190

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 17.1 12.7 19.1

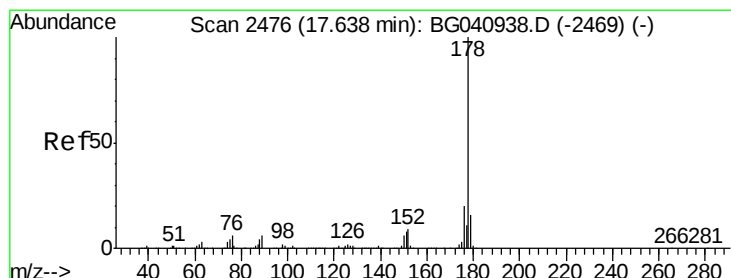
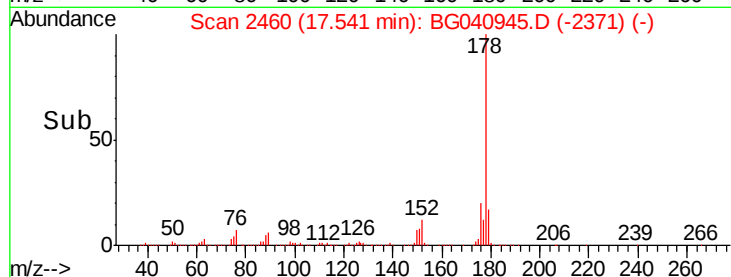
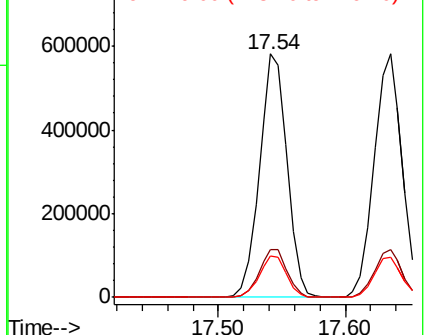


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.839 ng

RT: 17.64 min Scan# 2476

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

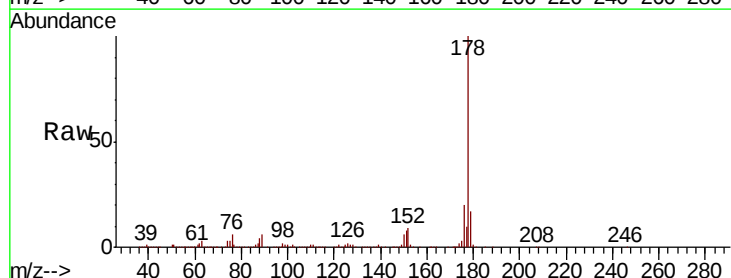
Tgt Ion:178 Resp: 891283

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

179 16.6 13.0 19.4

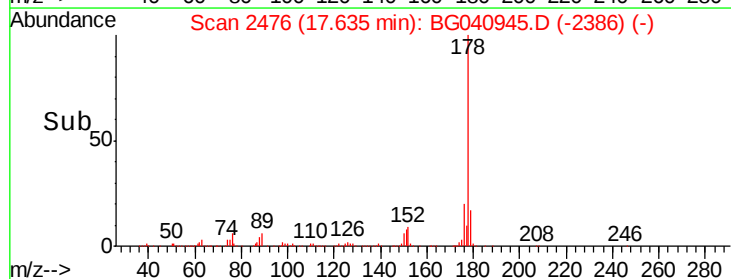
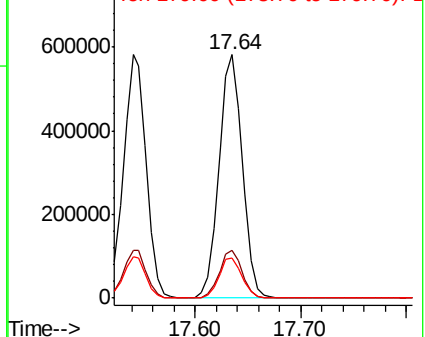


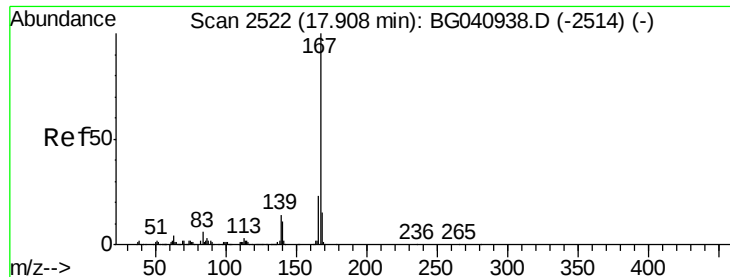
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

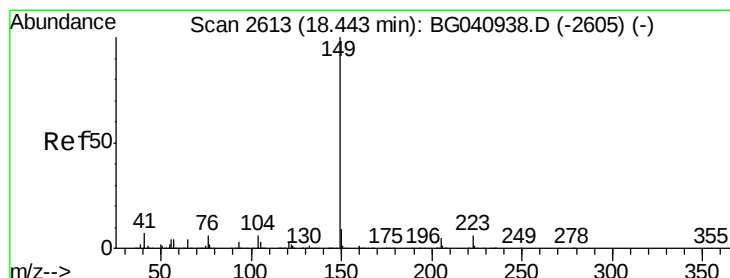
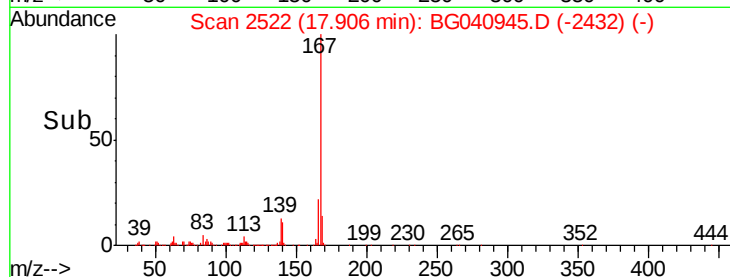
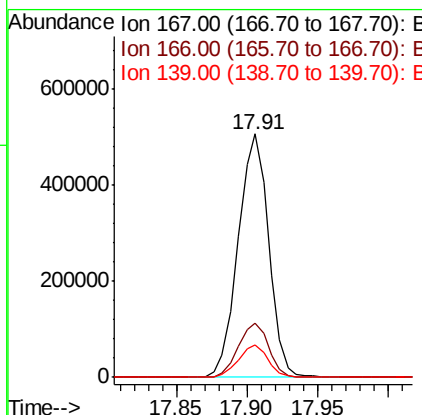
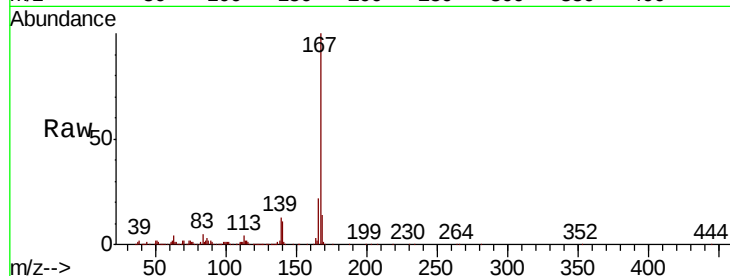




#73
 Carbazole
 Concen: 41.761 ng
 RT: 17.91 min Scan# 2522
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

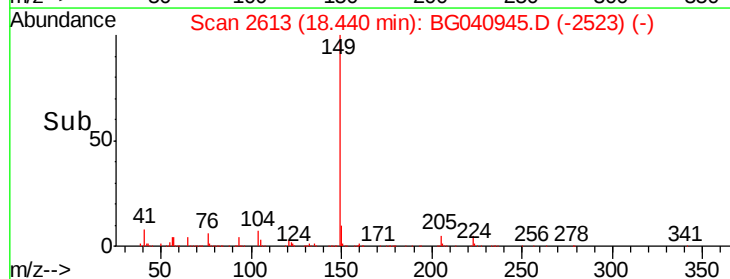
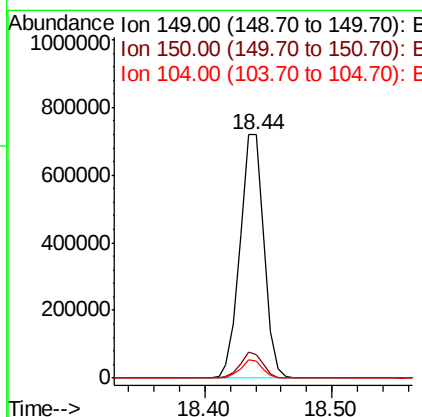
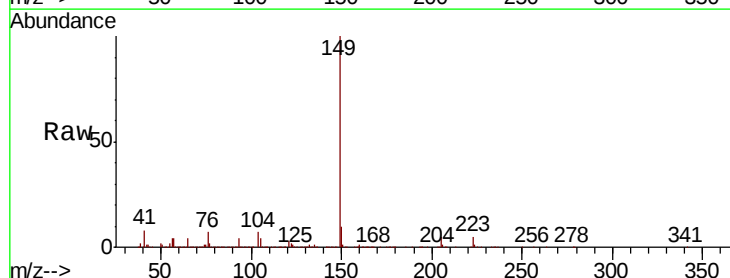
Instrument :
 BNA_G
 ClientSampleId :

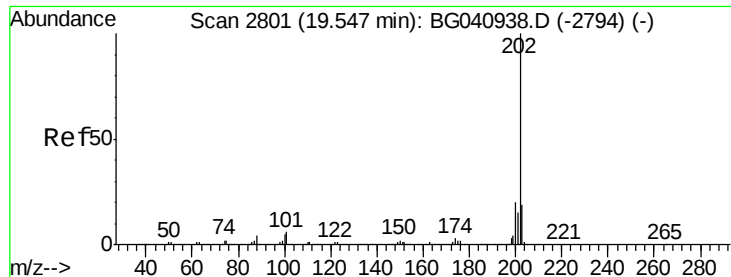
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	13.4	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.118 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 41.201 ng

RT: 19.54 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

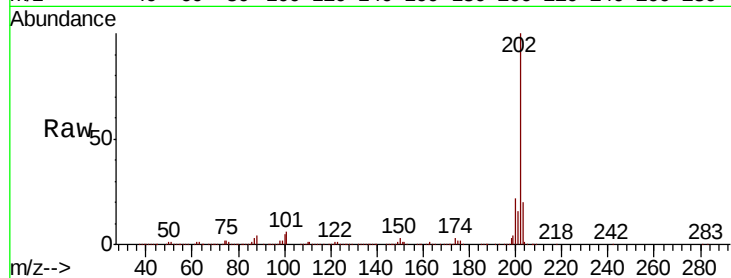
Tot Ion:202 Resp: 1099197

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

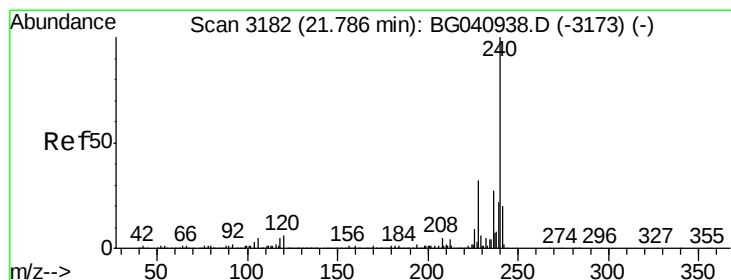
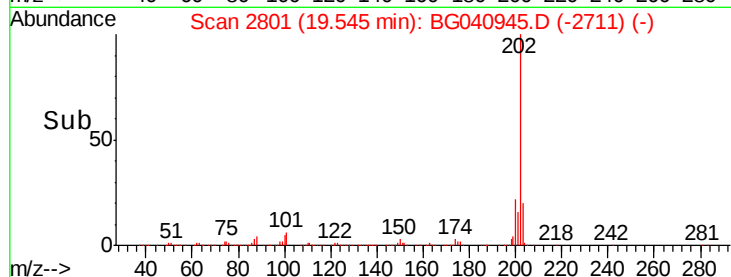
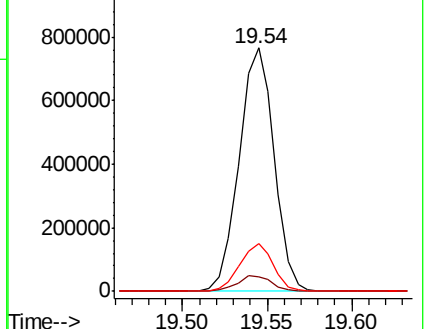
203 19.8 0.0 38.7



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# 3182

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

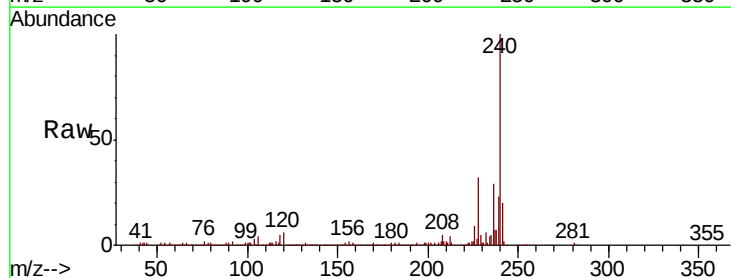
Tgt Ion:240 Resp: 409019

Ion Ratio Lower Upper

240 100

120 5.9 4.5 6.7

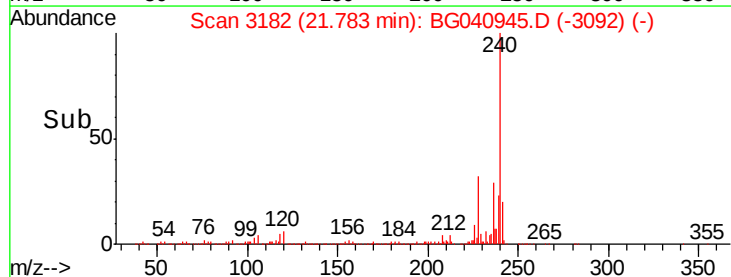
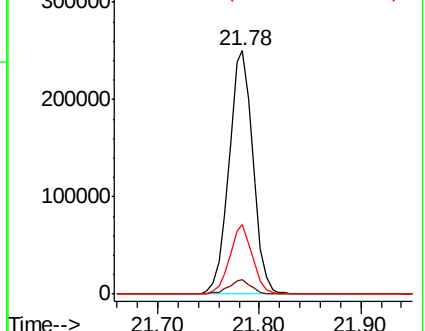
236 28.6 21.3 31.9

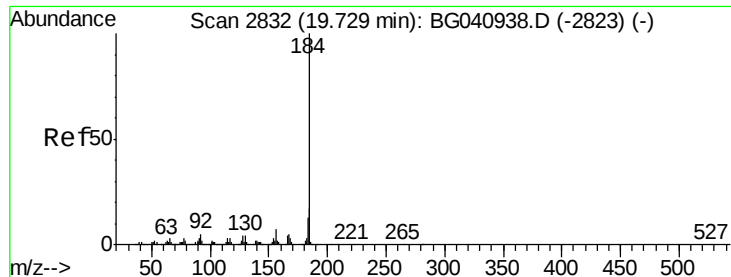


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.484 ng

RT: 19.73 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

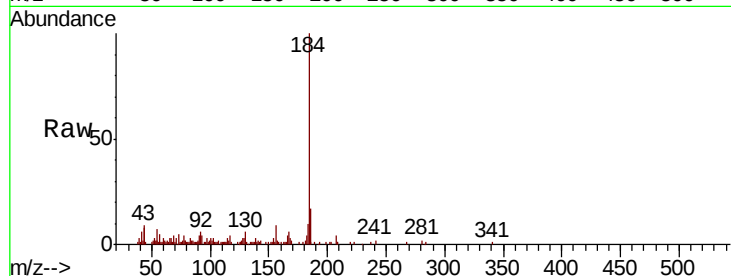
Tot Ion:184 Resp: 82778

Ion Ratio Lower Upper

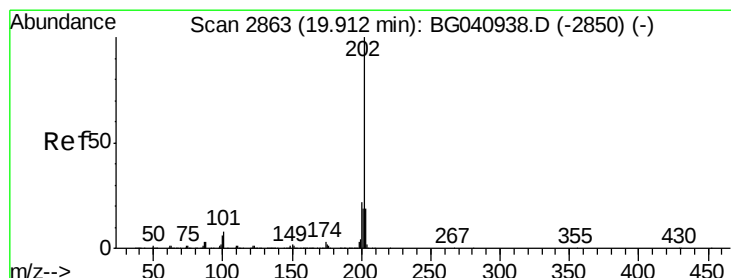
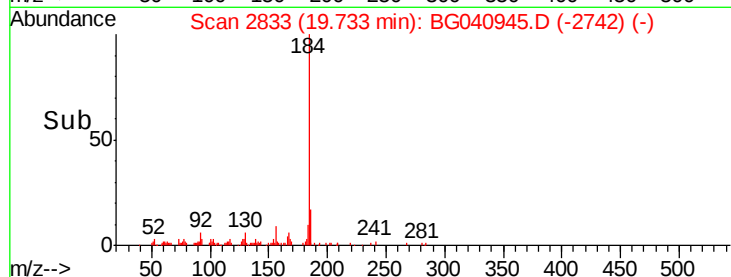
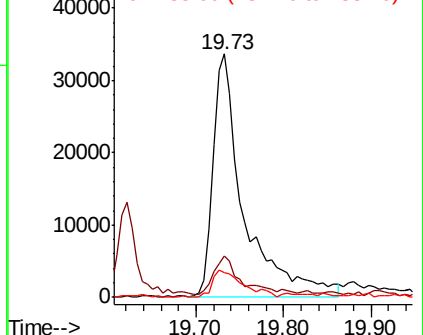
184 100

185 16.8 13.3 19.9

183 10.2 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: 41.486 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

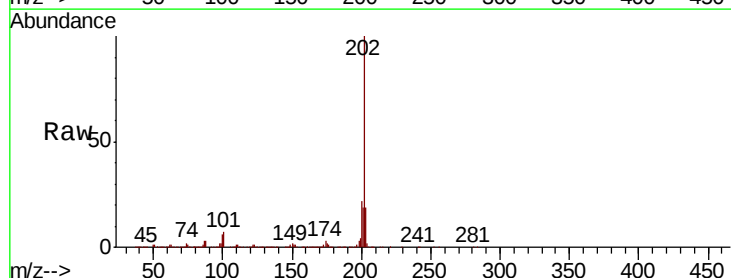
Tgt Ion:202 Resp: 1103061

Ion Ratio Lower Upper

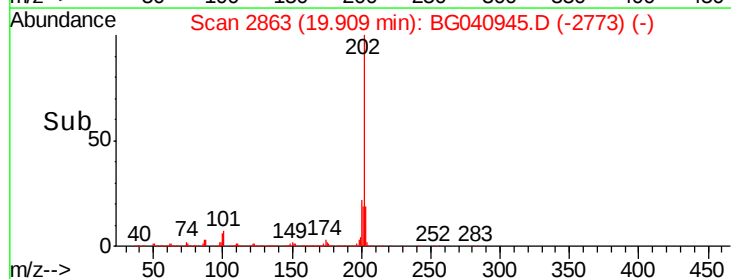
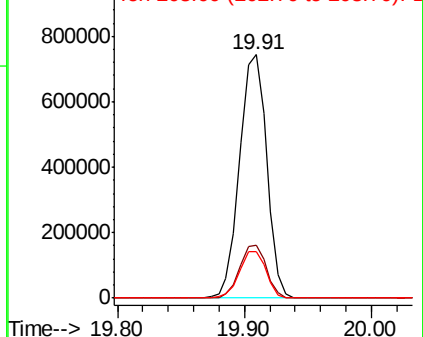
202 100

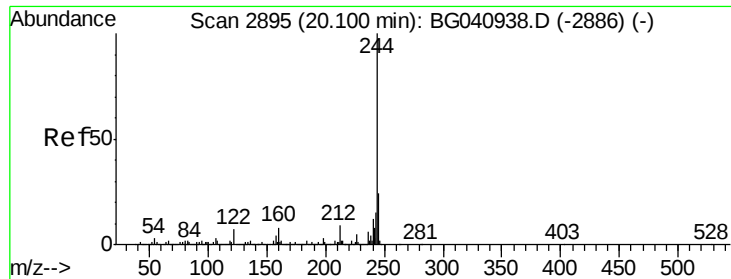
200 22.0 17.5 26.3

203 18.9 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: 83.309 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

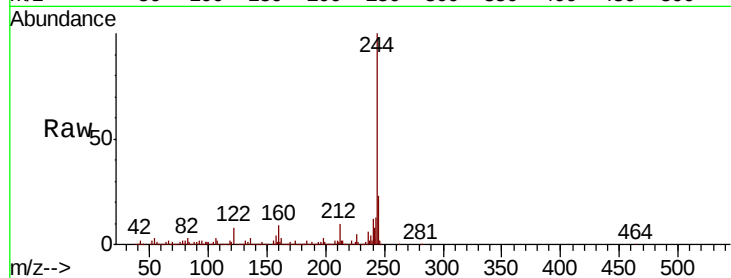
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1605529

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.0	10.4
122	7.9	5.4	8.0

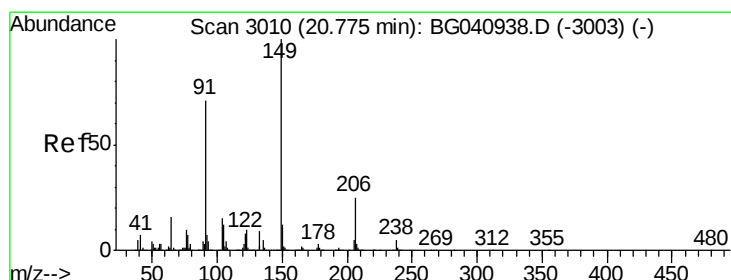
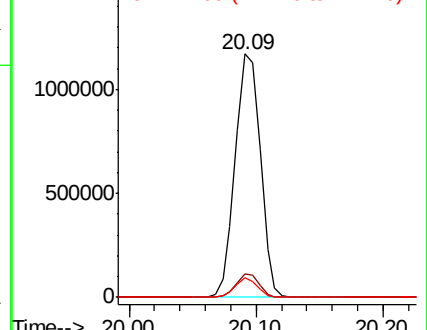
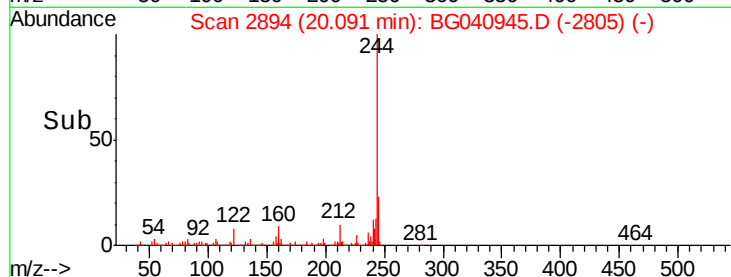


Abundance

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: 41.799 ng

RT: 20.77 min Scan# 3010

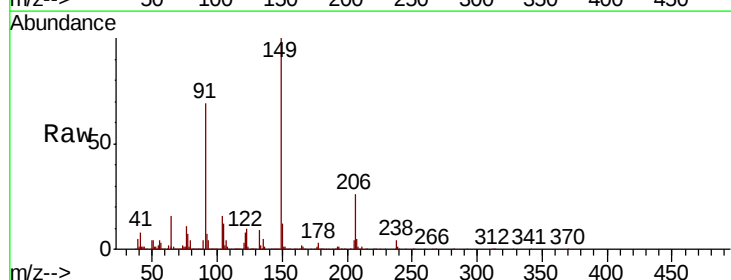
Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Tgt Ion:149 Resp: 432510

Ion	Ratio	Lower	Upper
149	100		
91	69.3	56.5	84.7
206	26.4	20.3	30.5

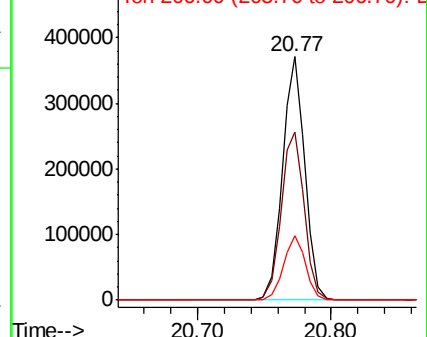
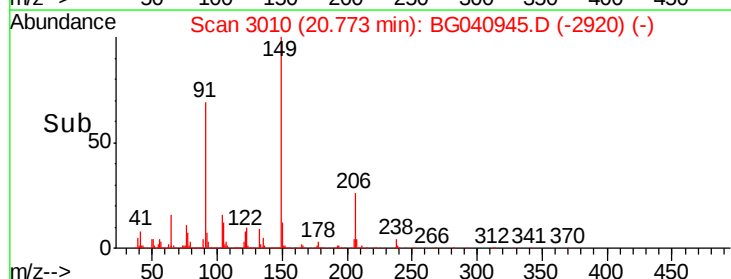


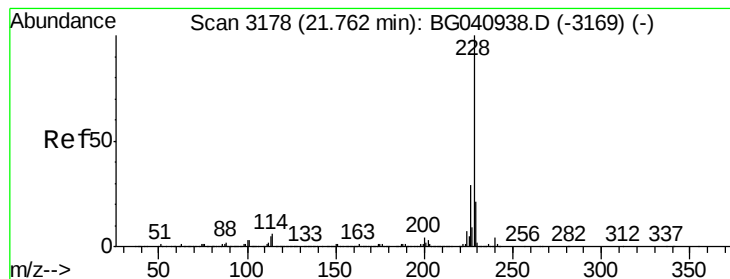
Abundance

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: 41.715 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

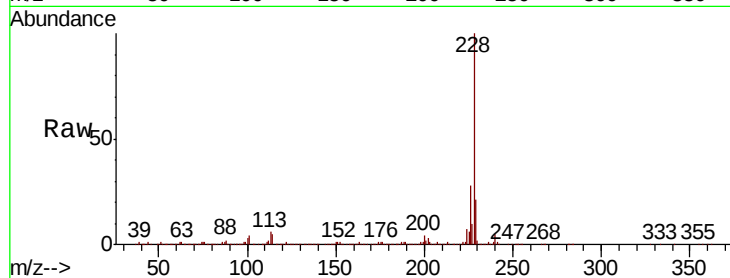
Tot Ion:228 Resp: 1135758

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.5	35.3
229	21.4	16.7	25.1

228 100

226 28.1 23.5 35.3

229 21.4 16.7 25.1

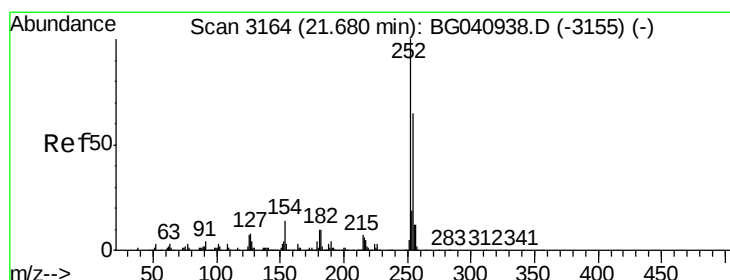
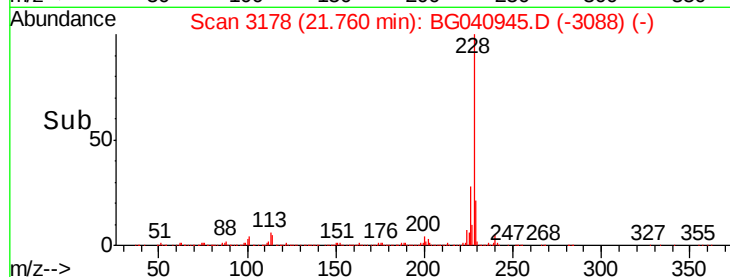
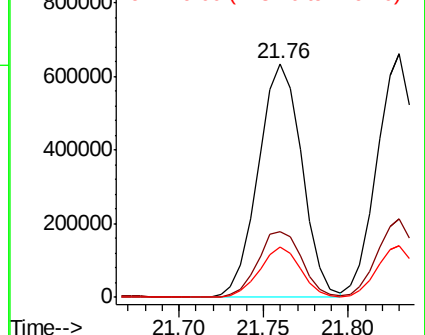


Abundance

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: 32.805 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

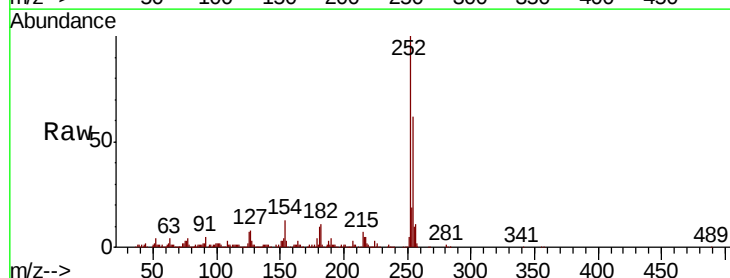
Tgt Ion:252 Resp: 314153

Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.1	78.1
126	7.4	5.5	8.3

252 100

254 62.1 52.1 78.1

126 7.4 5.5 8.3

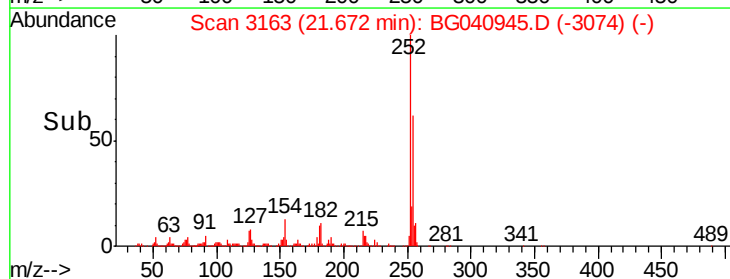
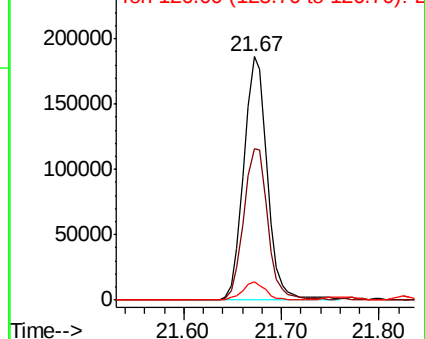


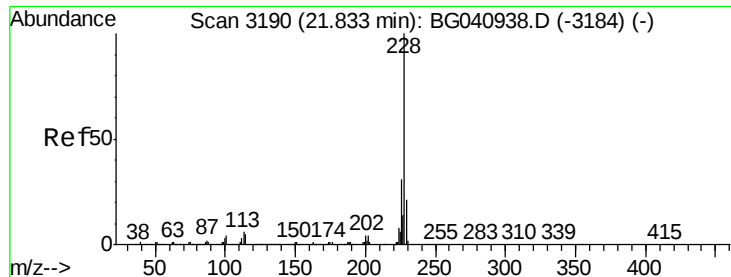
Abundance

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



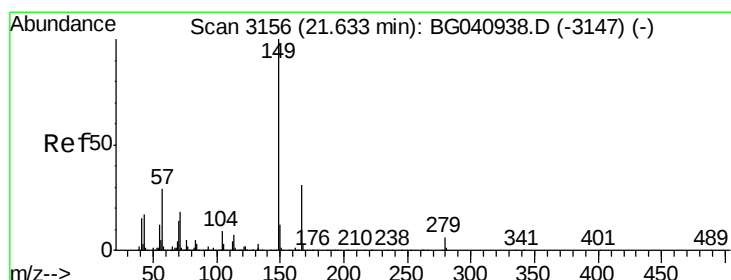
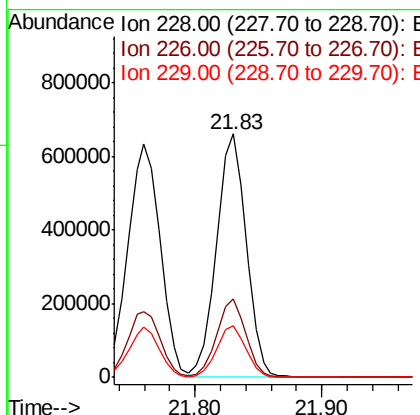
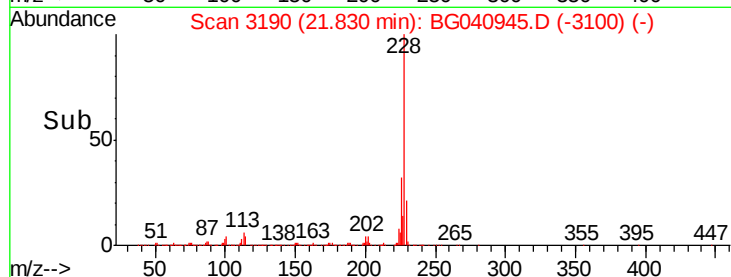
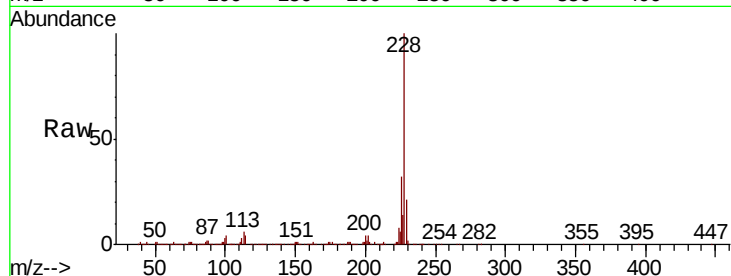


#83
 Chrvsene
 Concen: 41.290 ng
 RT: 21.83 min Scan# 3190
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:228 Resp: 1075808

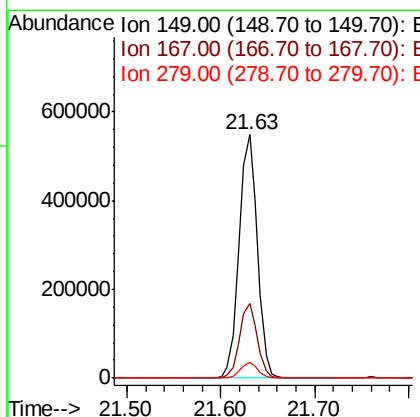
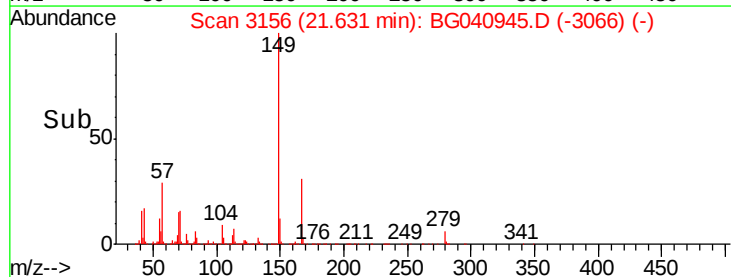
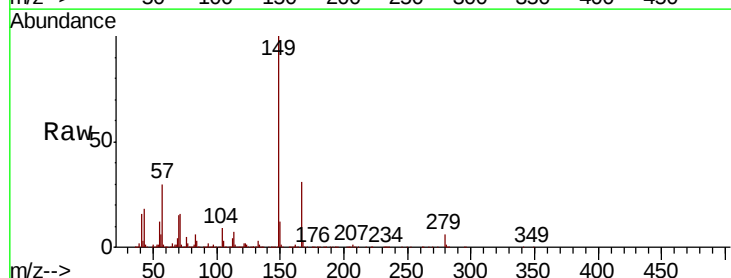
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.6	37.0
229	21.1	16.6	24.8

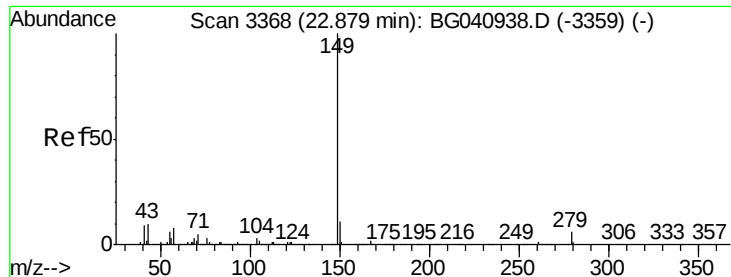


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.609 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG040945.D
 Acq: 30 May 2019 10:42

Tgt Ion:149 Resp: 737166

Ion	Ratio	Lower	Upper
149	100		
167	30.7	24.6	37.0
279	6.4	5.0	7.6

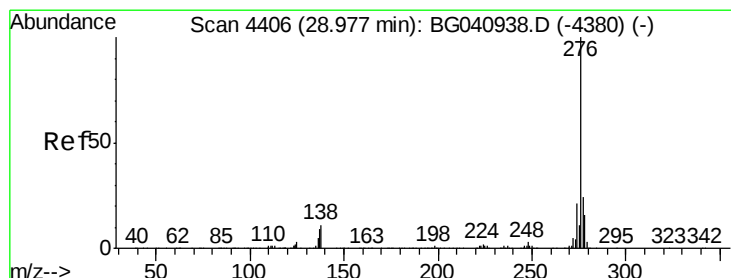
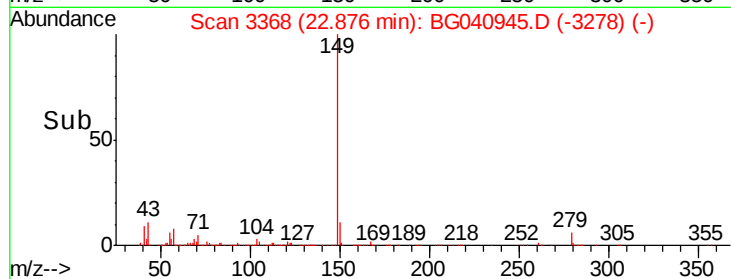
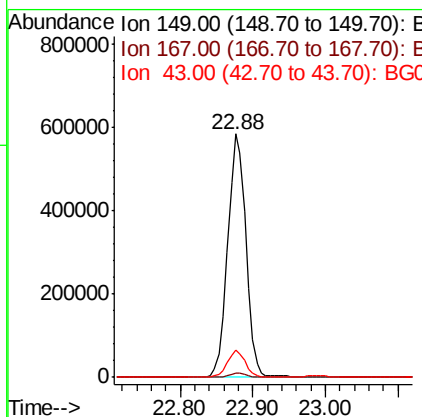
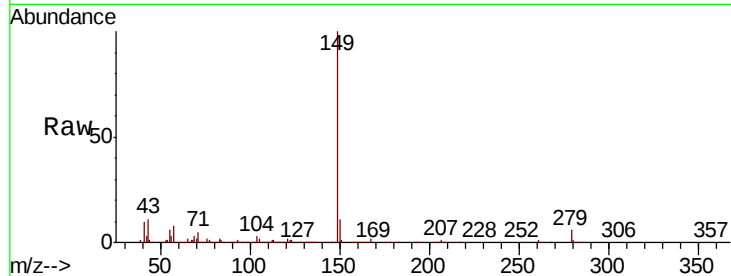




#85
Di-n-octyl phthalate
Concen: 41.926 ng
RT: 22.88 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

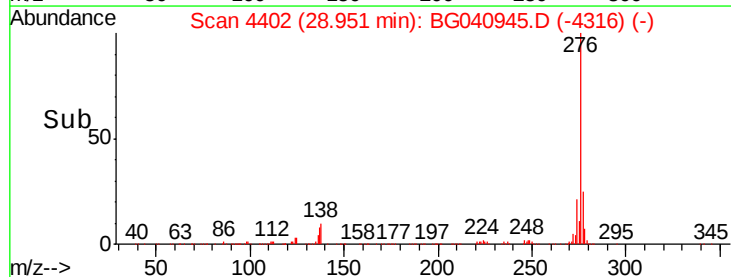
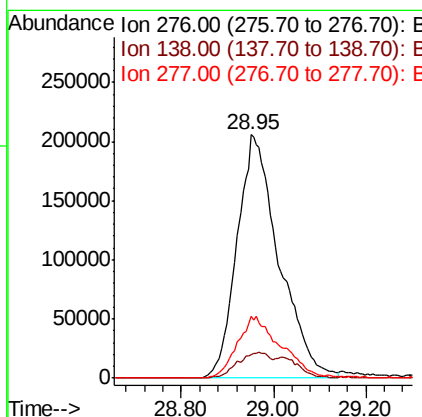
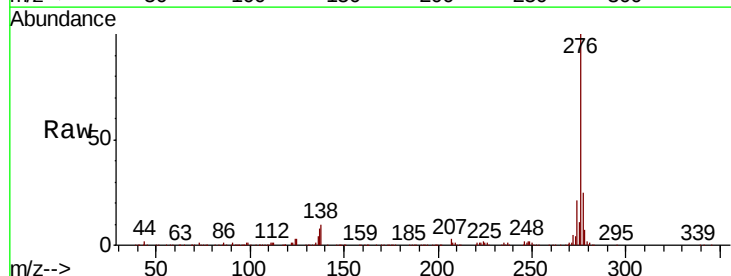
Instrument :
BNA_G
ClientSampleId :

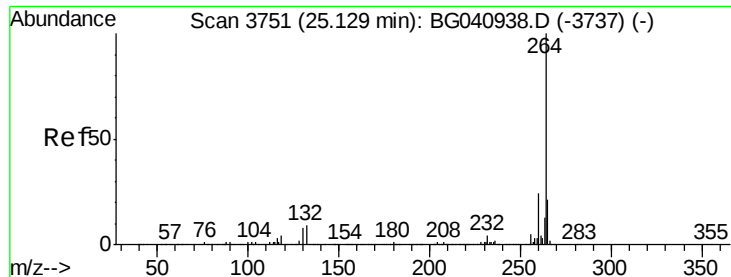
Tot Ion:149 Resp: 1017078
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 10.8 8.1 12.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.705 ng
RT: 28.95 min Scan# 4402
Delta R.T. -0.03 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:276 Resp: 1299173
Ion Ratio Lower Upper
276 100
138 8.3 5.7 8.5
277 25.9 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3750

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampleId :

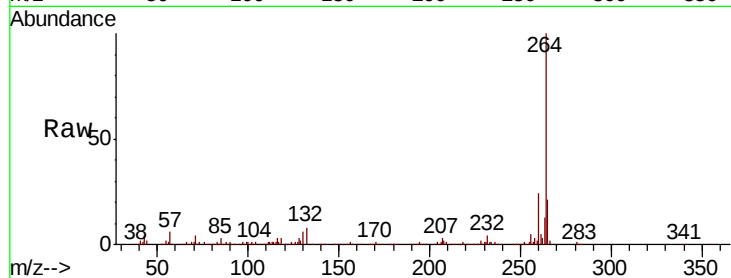
Tot Ion:264 Resp: 438738

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 20.6 17.0 25.4

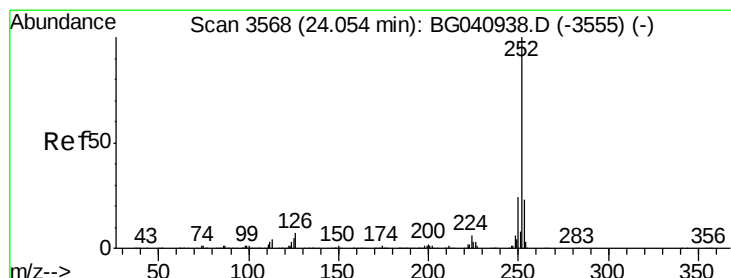
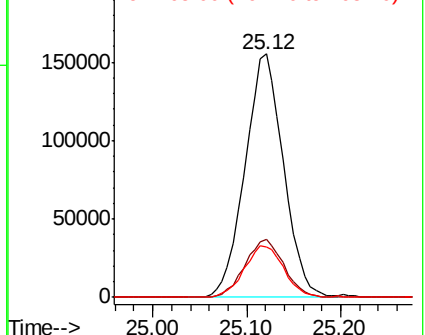
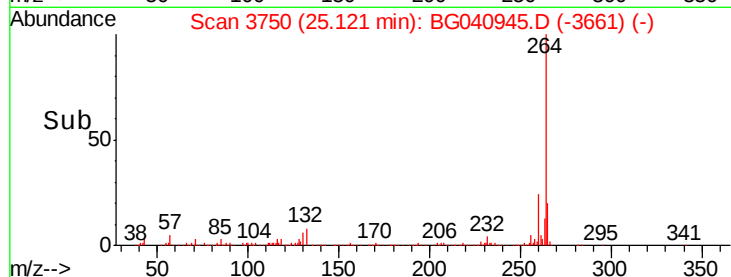


Abundance

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: 42.303 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

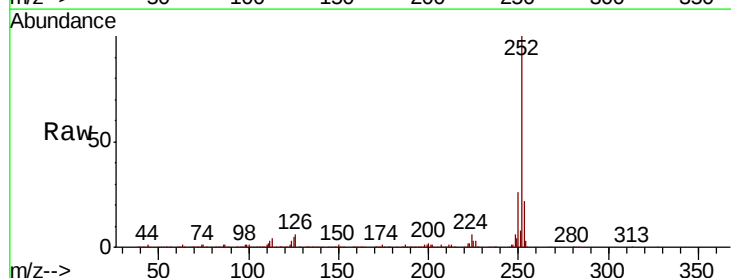
Tgt Ion:252 Resp: 1125723

Ion Ratio Lower Upper

252 100

253 22.5 18.4 27.6

125 5.3 4.3 6.5

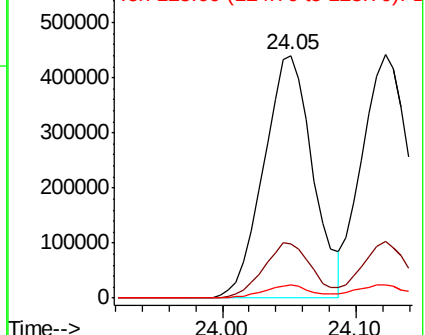
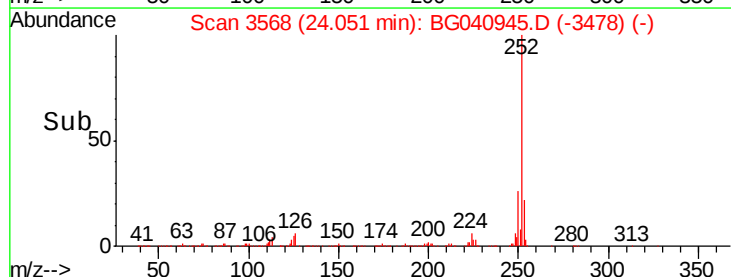


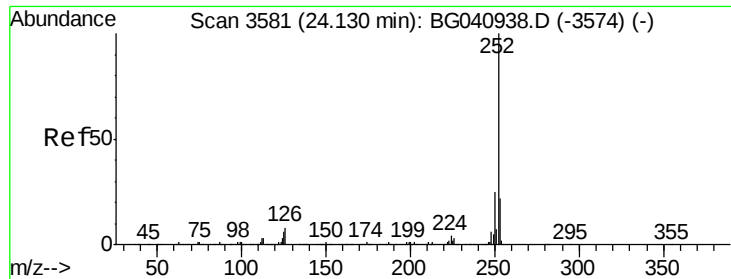
Abundance

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

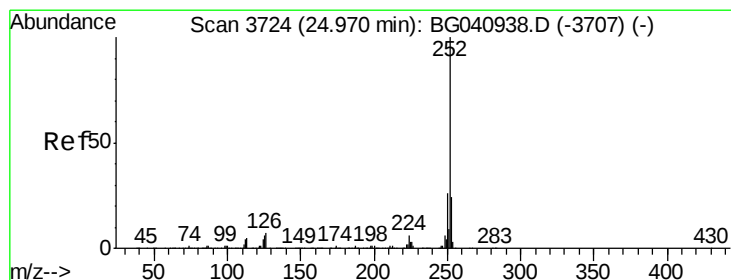
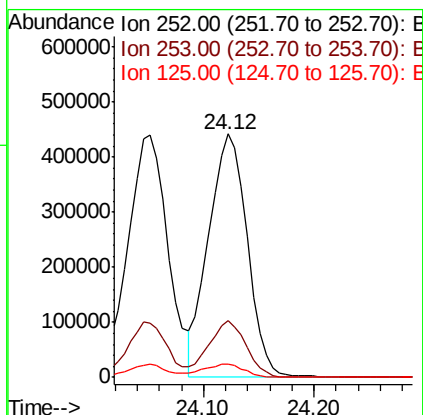
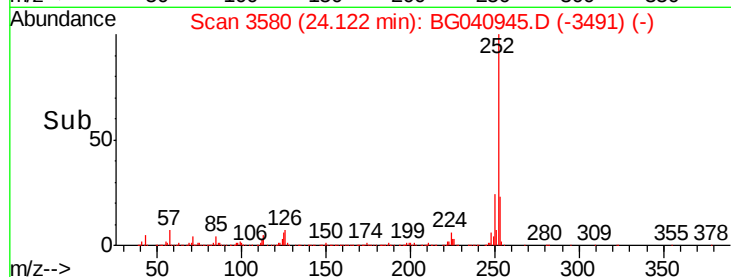
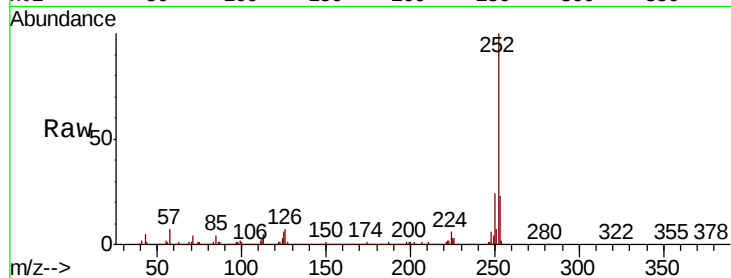




#89
Benzo(k)fluoranthene
Concen: 40.594 ng
RT: 24.12 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

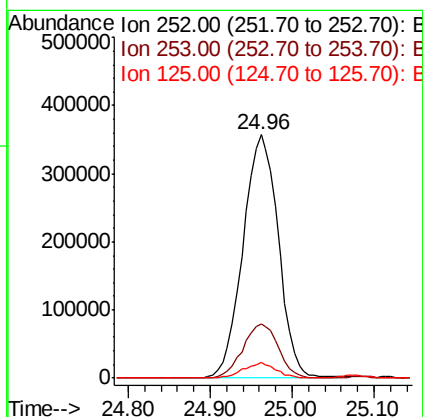
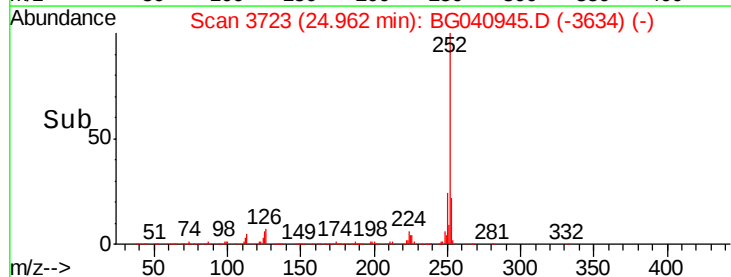
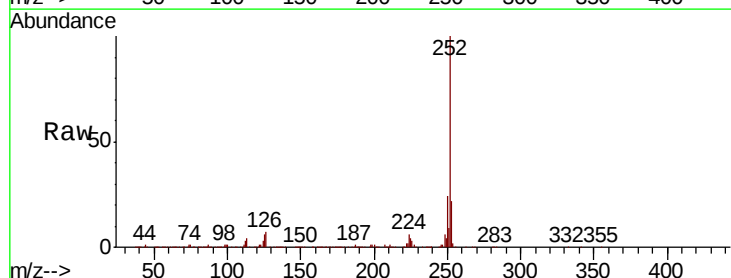
Instrument :
BNA_G
ClientSampled :

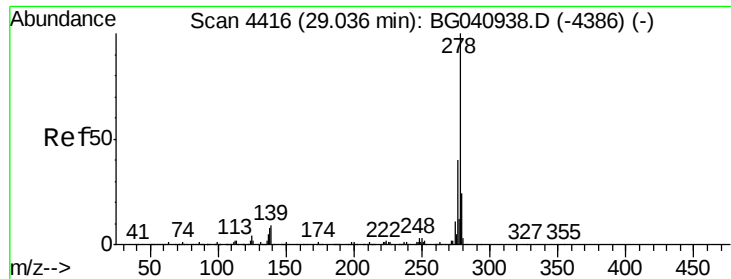
Tot Ion:252 Resp: 1068983
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 5.5 4.7 7.1



#90
Benzo(a)pyrene
Concen: 42.306 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BG040945.D
Acq: 30 May 2019 10:42

Tgt Ion:252 Resp: 1074108
Ion Ratio Lower Upper
252 100
253 22.2 19.5 29.3
125 6.4 5.1 7.7





#91

Dibenzo(a,h)anthracene

Concen: 41.763 ng

RT: 29.03 min Scan# 4416

Delta R.T. -0.00 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

Instrument :

BNA_G

ClientSampled :

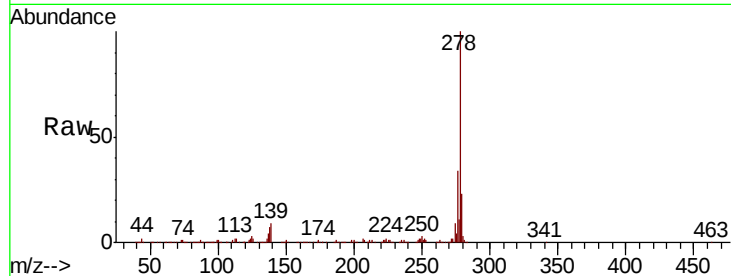
Tot Ion:278 Resp: 1059474

Ion Ratio Lower Upper

278 100

139 8.8 7.1 10.7

279 23.3 19.4 29.2

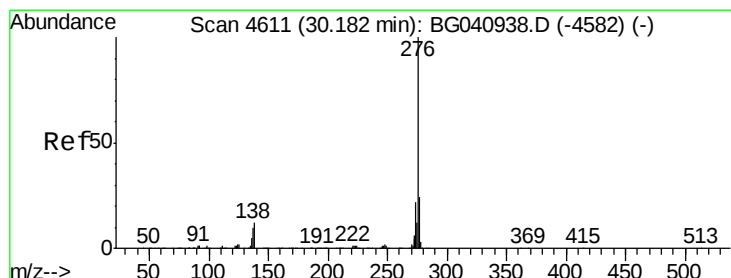
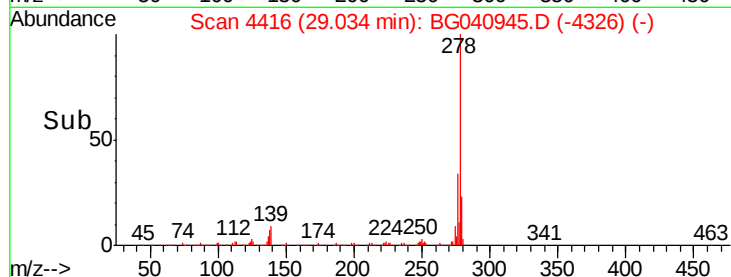
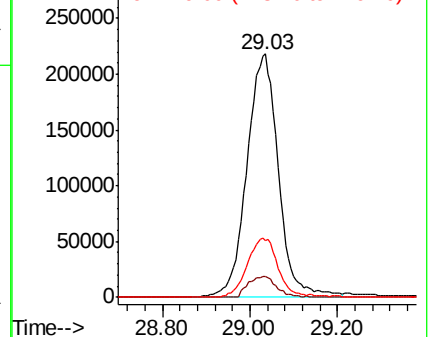


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.288 ng

RT: 30.17 min Scan# 4610

Delta R.T. -0.01 min

Lab File: BG040945.D

Acq: 30 May 2019 10:42

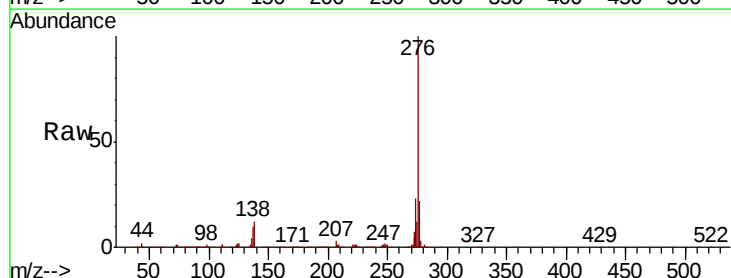
Tgt Ion:276 Resp: 1042238

Ion Ratio Lower Upper

276 100

277 22.2 19.4 29.0

138 11.7 9.7 14.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

