

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040444.D
 Acq On : 11 Apr 2019 16:48
 Operator : JU/SJ
 Sample : K2360-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:25:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38295	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	158843	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	102745	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	276872	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	325830	20.00	ng	-0.04
87) Perylene-d12	24.97	264	336250	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	240017	104.19	ng	-0.02
7) Phenol-d6	7.20	99	336584	105.72	ng	-0.03
23) Nitrobenzene-d5	9.22	82	196674	65.81	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	130623	117.64	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	445646	64.27	ng	-0.03
79) Terphenyl-d14	20.02	244	914980	63.17	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	32764	30.248	ng	# 92
3) Pyridine	3.90	79	72151	24.740	ng	96
4) n-Nitrosodimethylamine	3.81	42	38944	28.868	ng	# 92
6) Aniline	7.37	93	92078	22.262	ng	94
8) 2-Chlorophenol	7.60	128	87236	32.351	ng	98
9) Benzaldehyde	7.19	77	40638	18.609	ng	98
10) Phenol	7.23	94	118859	34.397	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	86243	31.161	ng	98
12) 1,3-Dichlorobenzene	7.93	146	93251	31.812	ng	97
13) 1,4-Dichlorobenzene	8.08	146	94302	32.300	ng	98
14) 1,2-Dichlorobenzene	8.40	146	89165	31.936	ng	96
15) Benzyl Alcohol	8.28	79	76962	30.018	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	166791	31.401	ng	99
17) 2-Methylphenol	8.48	107	80926	33.844	ng	94
18) Hexachloroethane	9.12	117	33348	30.029	ng	93
19) n-Nitroso-di-n-propylamine	8.84	70	69361	30.387	ng	100
20) 3+4-Methylphenols	8.81	107	107382	33.150	ng	97
22) Acetophenone	8.87	105	133643	33.729	ng	# 99
24) Nitrobenzene	9.26	77	103495	33.444	ng	95
25) Isophorone	9.77	82	198094	32.217	ng	98
26) 2-Nitrophenol	9.97	139	46978	32.038	ng	95
27) 2,4-Dimethylphenol	10.02	122	91545	39.304	ng	100
28) bis(2-Chloroethoxy)methane	10.25	93	117727	32.362	ng	99
29) 2,4-Dichlorophenol	10.51	162	88981	35.196	ng	96
30) 1,2,4-Trichlorobenzene	10.72	180	92866	33.453	ng	96
31) Naphthalene	10.91	128	278125	34.160	ng	99
32) Benzoic acid	10.15	122	7671	5.451	ng	96
33) 4-Chloroaniline	11.03	127	88803	25.570	ng	96
34) Hexachlorobutadiene	11.17	225	56438	31.789	ng	96
35) Caprolactam	11.81	113	33954	33.843	ng	# 82
36) 4-Chloro-3-methylphenol	12.13	107	103991	35.780	ng	96
37) 2-Methylnaphthalene	12.51	142	209398	34.774	ng	99
38) 1-Methylnaphthalene	12.73	142	199961	34.245	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	107501	32.919	ng	98

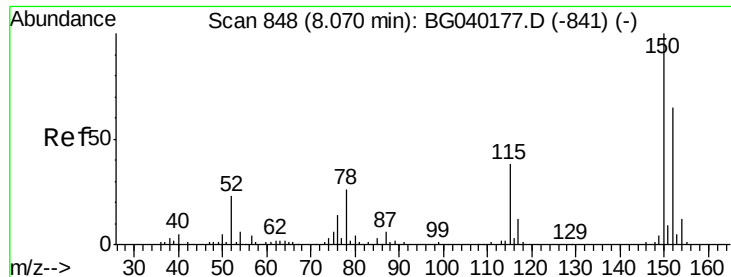
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	110752	61.767	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	74442	35.357	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	85990	37.471	ng	99
46) 1,1'-Biphenyl	13.51	154	271687	33.466	ng	99
47) 2-Chloronaphthalene	13.55	162	213022	34.209	ng	99
48) 2-Nitroaniline	13.77	65	74407	35.424	ng	99
49) Acenaphthylene	14.40	152	355216	33.644	ng	100
50) Dimethylphthalate	14.12	163	319395	39.720	ng	99
51) 2,6-Dinitrotoluene	14.26	165	65172	36.095	ng	97
52) Acenaphthene	14.74	154	209322	34.599	ng	98
53) 3-Nitroaniline	14.59	138	60358	31.581	ng	# 90
54) 2,4-Dinitrophenol	14.80	184	52873	55.063	ng	91
55) Dibenzofuran	15.07	168	350333	36.037	ng	98
56) 4-Nitrophenol	14.90	139	113070	73.302	ng	97
57) 2,4-Dinitrotoluene	15.04	165	96658	38.527	ng	96
58) Fluorene	15.72	166	277288	36.280	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	83626	40.157	ng	97
60) Diethylphthalate	15.48	149	303604	36.896	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	147430	36.087	ng	98
62) 4-Nitroaniline	15.76	138	79985	38.997	ng	96
63) Azobenzene	16.00	77	284737	36.685	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	50743	32.621	ng	97
66) n-Nitrosodiphenylamine	15.92	169	267000	32.955	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	98332	31.559	ng	98
68) Hexachlorobenzene	16.72	284	102998	32.878	ng	97
69) Atrazine	16.87	200	108728	36.076	ng	98
70) Pentachlorophenol	17.07	266	107901	59.575	ng	96
71) Phenanthrene	17.46	178	514730	35.370	ng	98
72) Anthracene	17.56	178	533998	36.660	ng	99
73) Carbazole	17.83	167	523222	37.955	ng	97
74) Di-n-butylphthalate	18.36	149	628763	38.479	ng	99
75) Fluoranthene	19.47	202	696298	40.406	ng	98
77) Benzidine	19.66	184	209180	17.778	ng	98
78) Pyrene	19.83	202	710031	33.137	ng	99
80) Butylbenzylphthalate	20.70	149	318504	34.738	ng	95
81) Benzo(a)anthracene	21.67	228	662129	32.992	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	188016	24.627	ng	99
83) Chrysene	21.74	228	656204	34.022	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	457248	34.887	ng	99
85) Di-n-octyl phthalate	22.76	149	777779	34.830	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	787341	33.376	ng	99
88) Benzo(b)fluoranthene	23.92	252	701342	34.068	ng	98
89) Benzo(k)fluoranthene	24.00	252	686331	36.253	ng	98
90) Benzo(a)pyrene	24.81	252	689472	35.695	ng	100
91) Dibenzo(a,h)anthracene	28.78	278	642077	35.791	ng	98
92) Benzo(g,h,i)perylene	29.91	276	642968	34.875	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

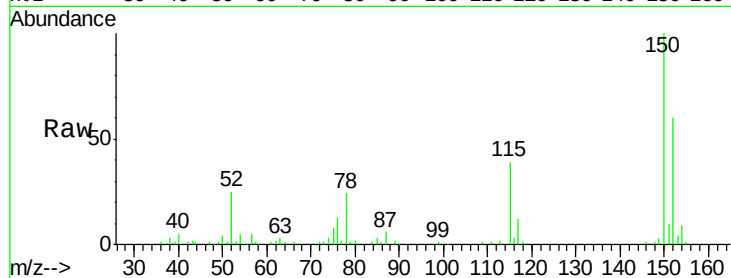
Tot Ion:152 Resp: 38295

Ion Ratio Lower Upper

152 100

150 166.2 123.7 185.5

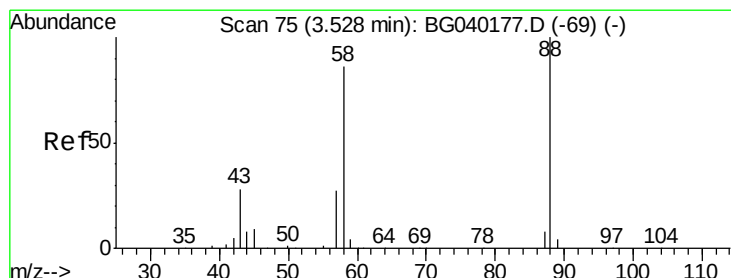
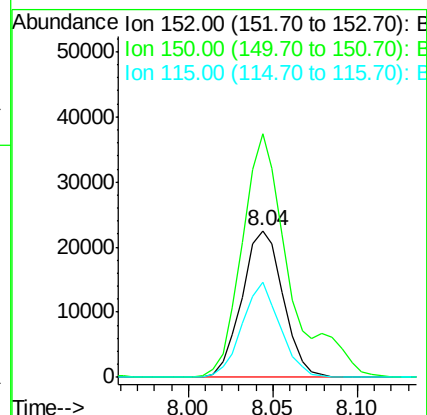
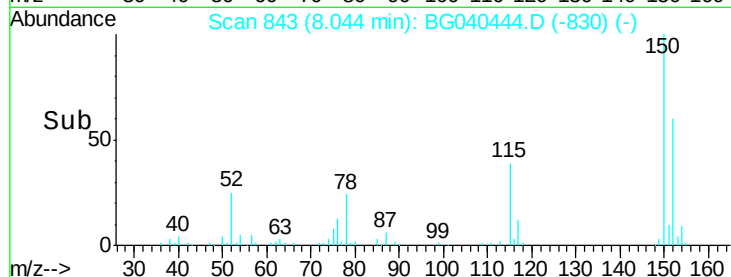
115 64.5 46.9 70.3



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: 30.248 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.04 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

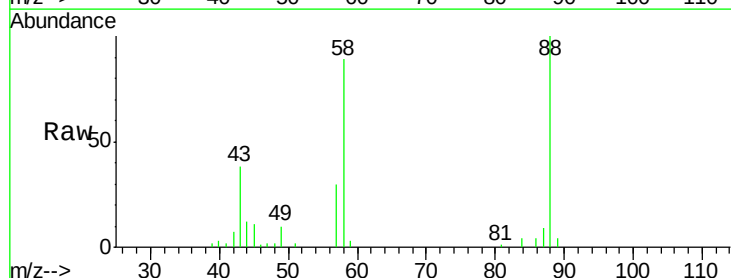
Tgt Ion: 88 Resp: 32764

Ion Ratio Lower Upper

88 100

58 83.8 70.6 106.0

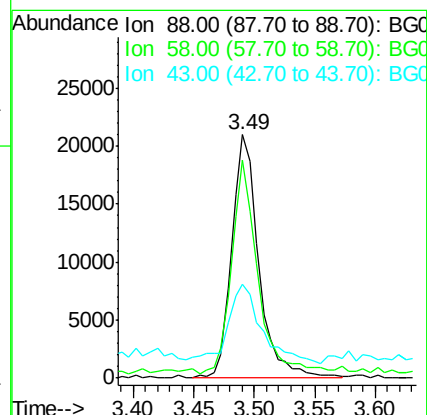
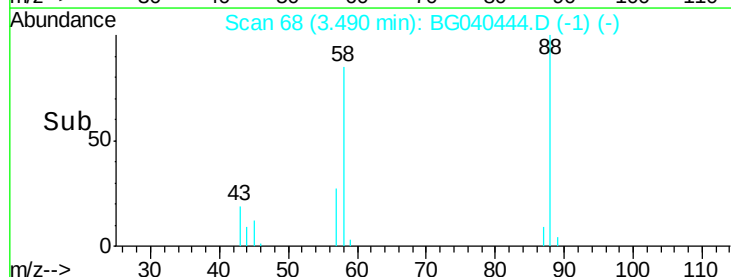
43 40.9 24.8 37.2#

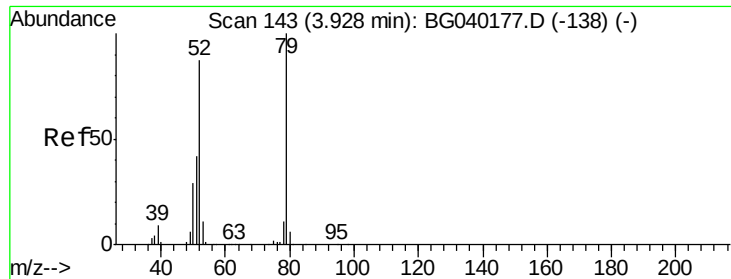


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 24.740 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

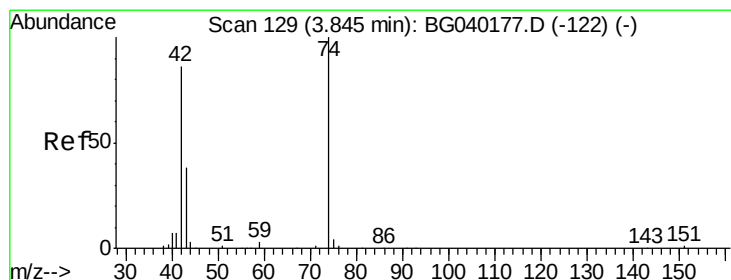
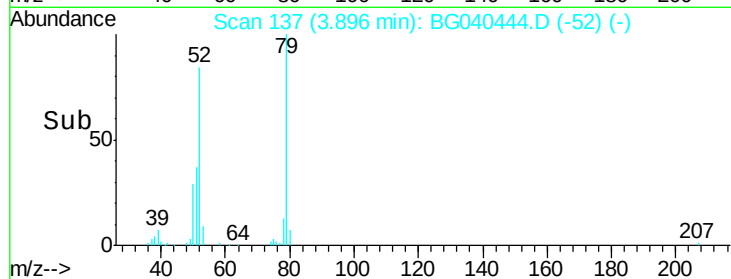
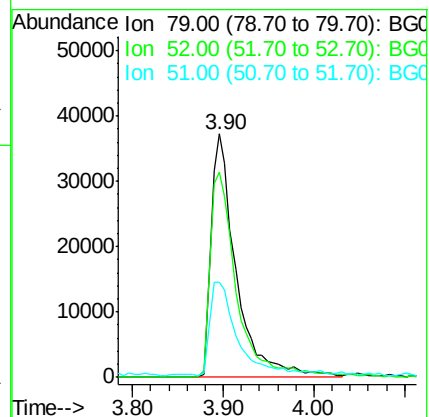
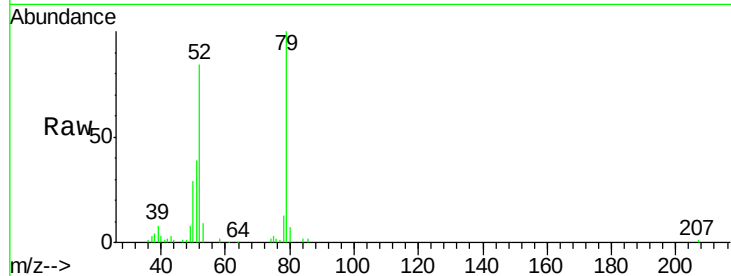
Tot Ion: 79 Resp: 72151

Ion Ratio Lower Upper

79 100

52 84.4 69.8 104.8

51 39.0 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 28.868 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

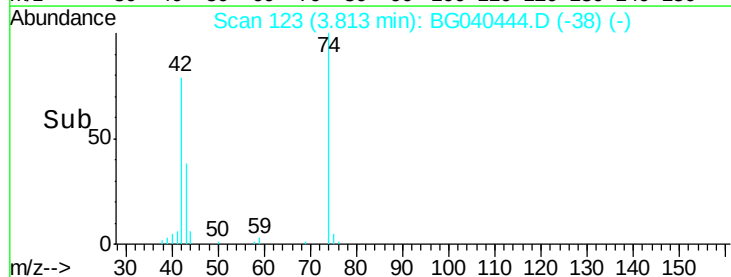
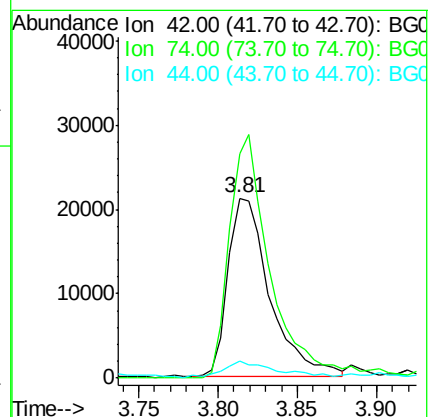
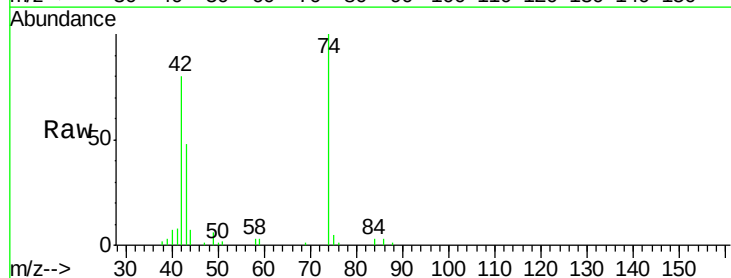
Tgt Ion: 42 Resp: 38944

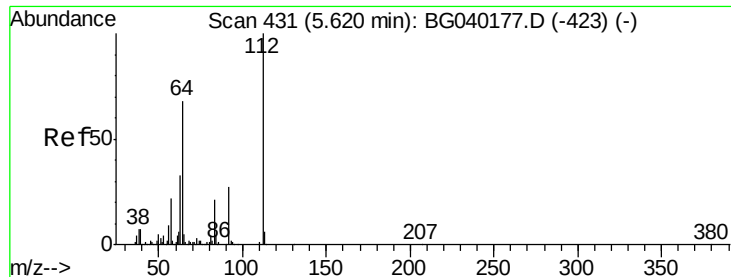
Ion Ratio Lower Upper

42 100

74 124.9 92.9 139.3

44 9.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 104.193 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040444.D

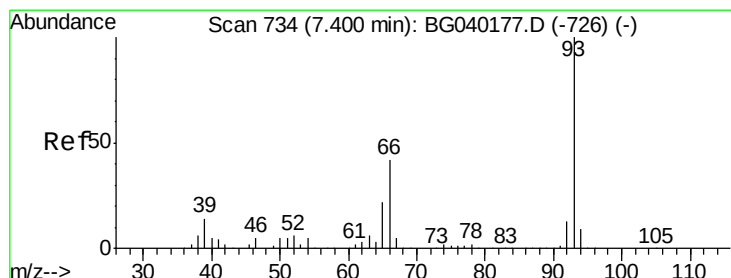
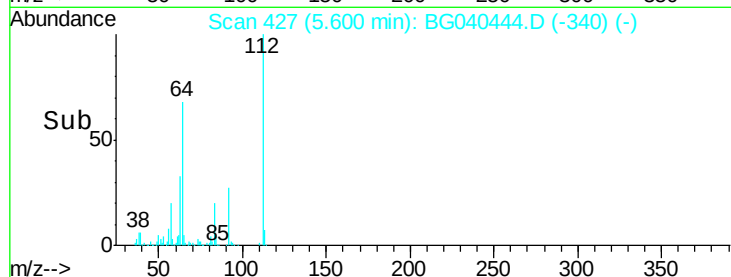
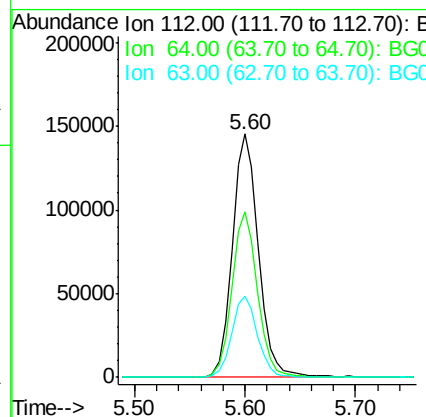
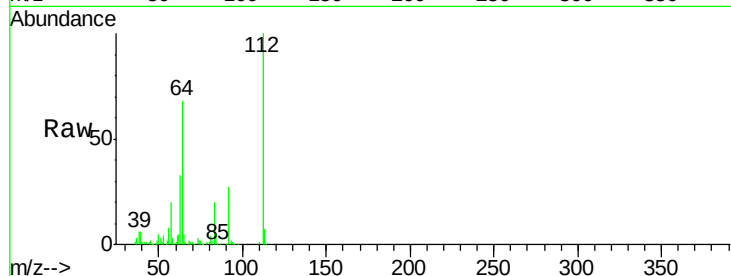
Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	240017
Ion	Ratio	Lower	Upper
112	100		
64	68.2	54.2	81.2
63	33.2	26.4	39.6



#6

Aniline

Concen: 22.262 ng

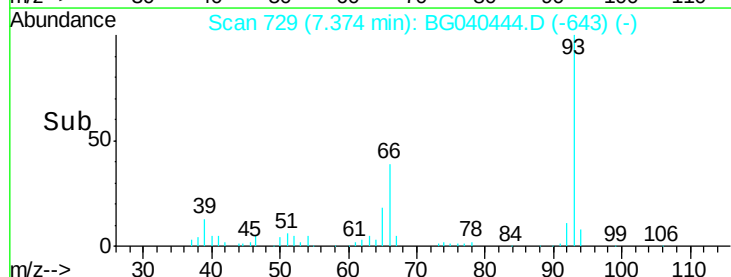
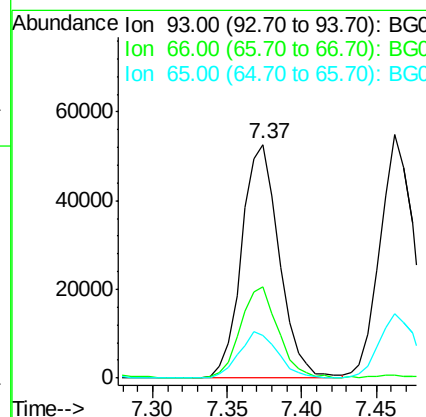
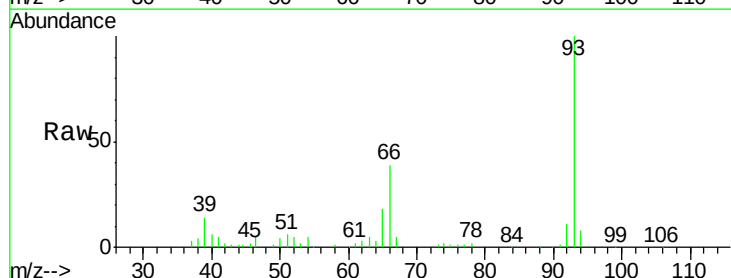
RT: 7.37 min Scan# 729

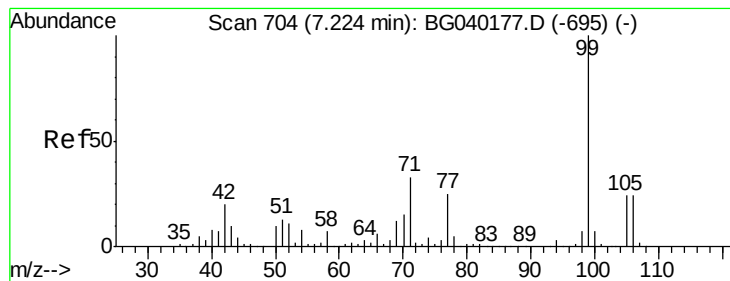
Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Tgt Ion:	93	Resp:	92078
Ion	Ratio	Lower	Upper
93	100		
66	38.8	33.6	50.4
65	18.3	17.4	26.2





#7

Phenol-d6

Concen: 105.725 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

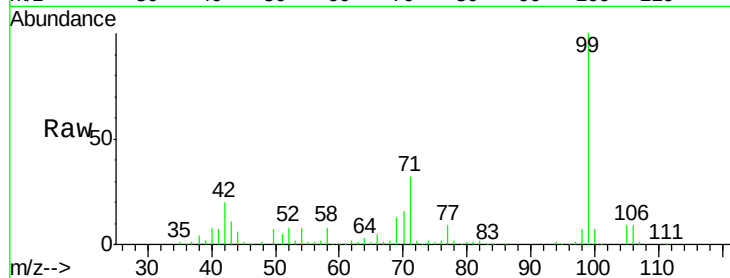
Tot Ion: 99 Resp: 336584

Ion Ratio Lower Upper

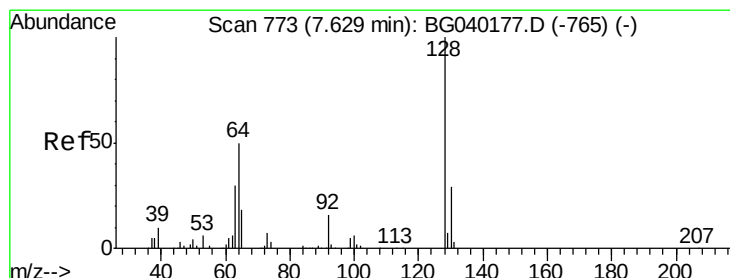
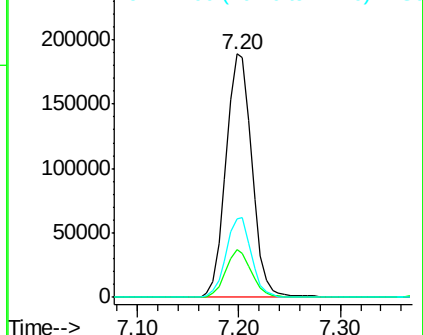
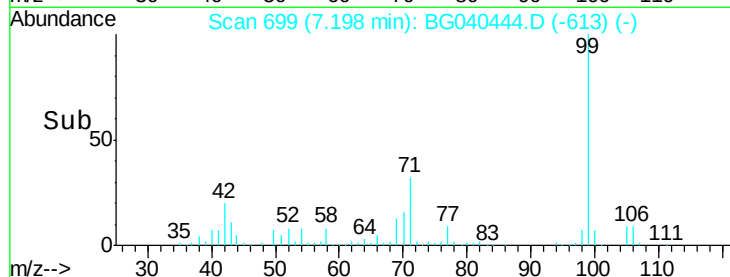
99 100

42 19.7 16.2 24.2

71 32.2 26.8 40.2



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: 32.351 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

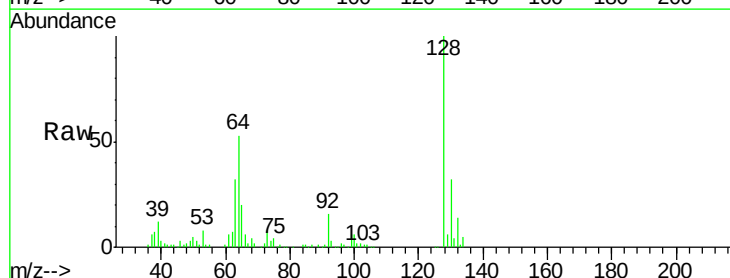
Tgt Ion: 128 Resp: 87236

Ion Ratio Lower Upper

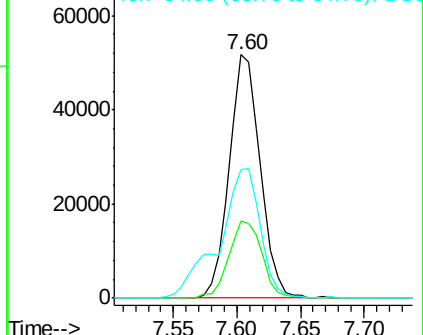
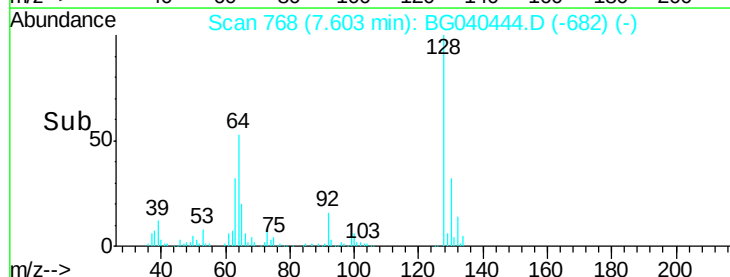
128 100

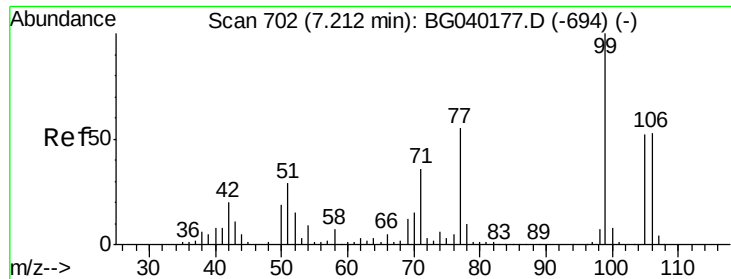
130 31.7 9.1 49.1

64 52.6 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

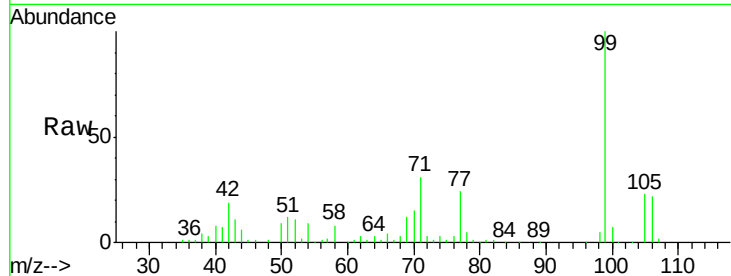




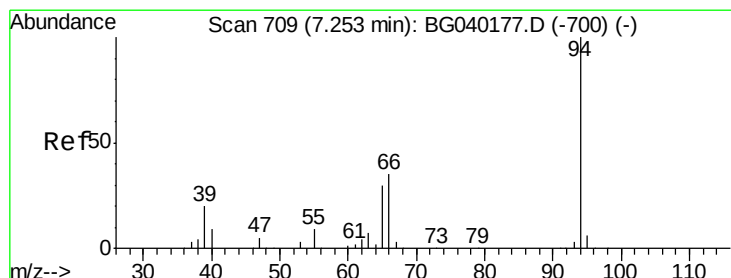
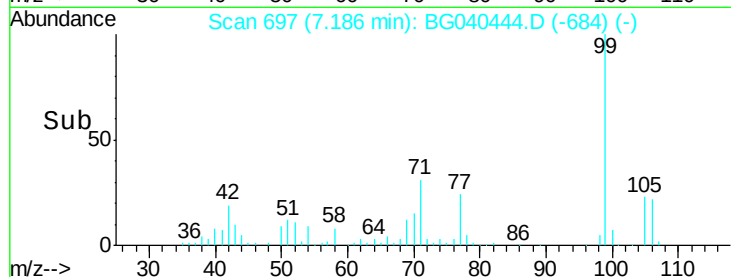
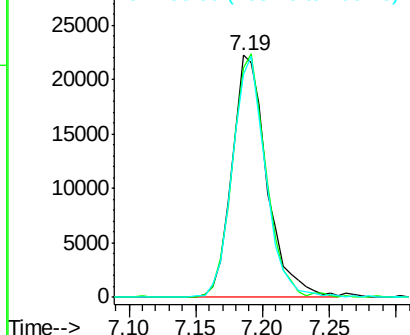
#9
Benzaldehyde
Concen: 18.609 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 40638
Ion Ratio Lower Upper
77 100
105 94.6 75.0 115.0
106 92.0 75.7 115.7

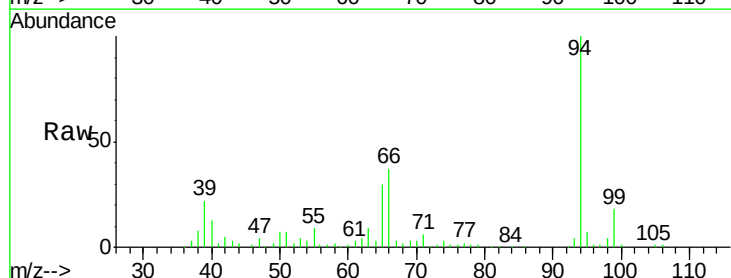


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

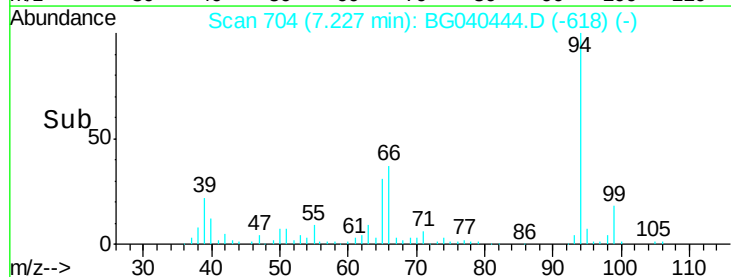
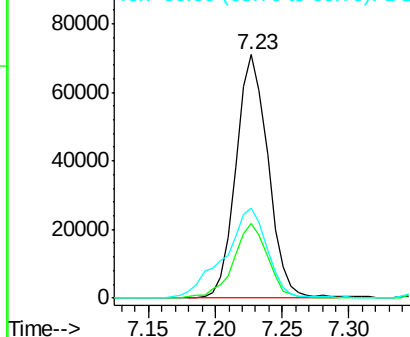


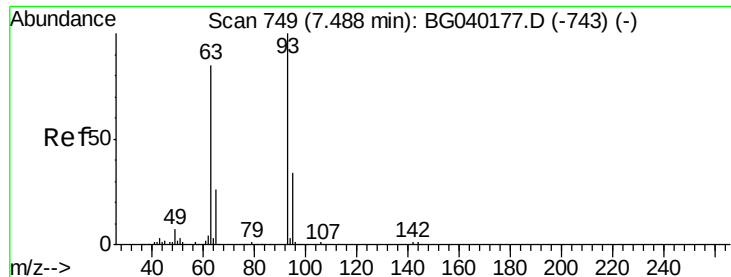
#10
Phenol
Concen: 34.397 ng
RT: 7.23 min Scan# 704
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion: 94 Resp: 118859
Ion Ratio Lower Upper
94 100
65 30.4 10.5 50.5
66 36.9 16.9 56.9



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

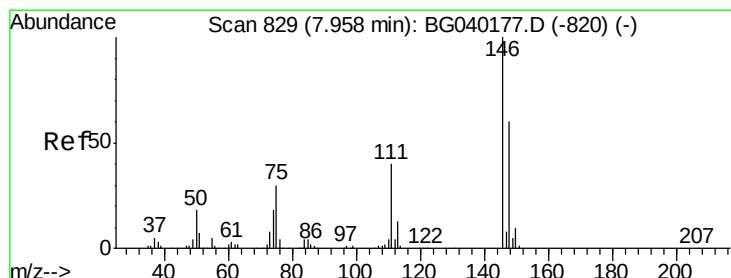
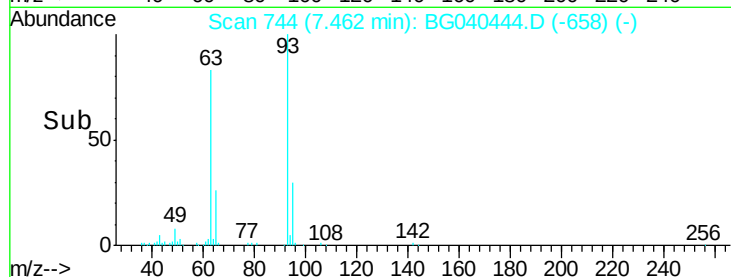
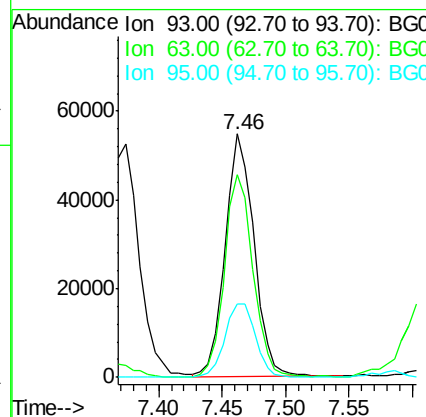
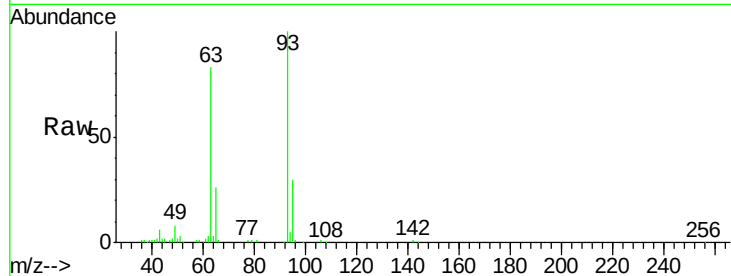




#11
 bis(2-Chloroethyl)ether
 Concen: 31.161 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

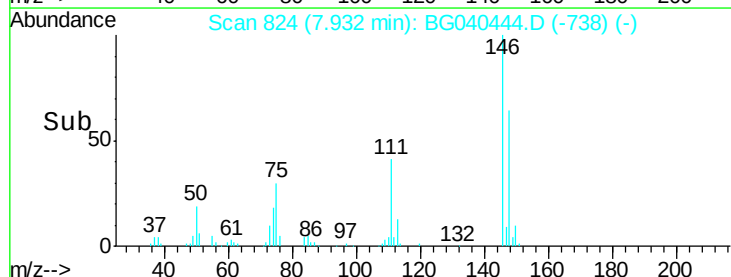
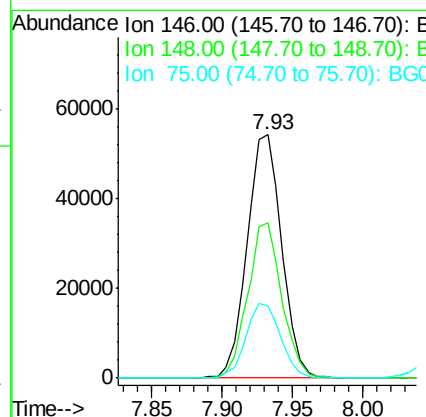
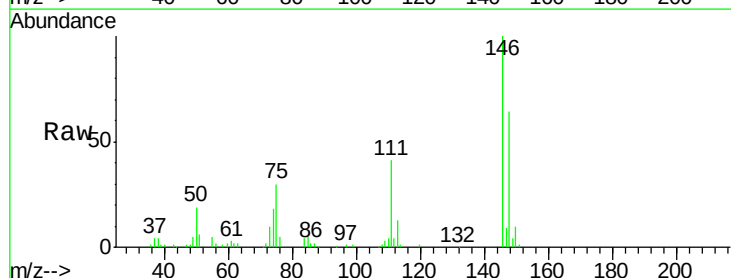
Instrument :
 BNA_G
 ClientSampleId :

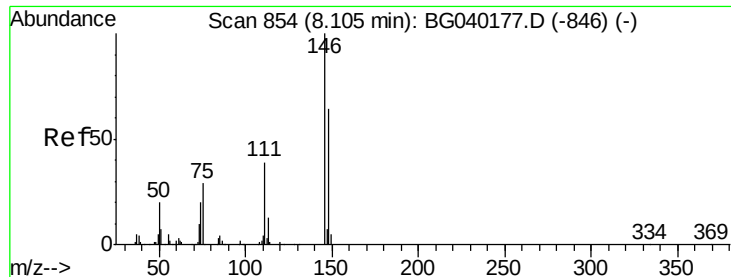
Tot Ion: 93 Resp: 86243
 Ion Ratio Lower Upper
 93 100
 63 83.5 64.2 104.2
 95 30.2 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 31.812 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion: 146 Resp: 93251
 Ion Ratio Lower Upper
 146 100
 148 63.6 48.2 72.2
 75 29.8 24.1 36.1

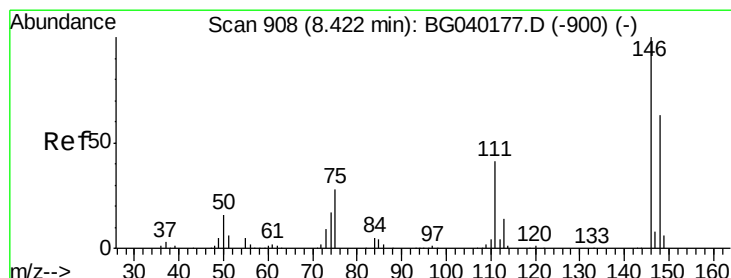
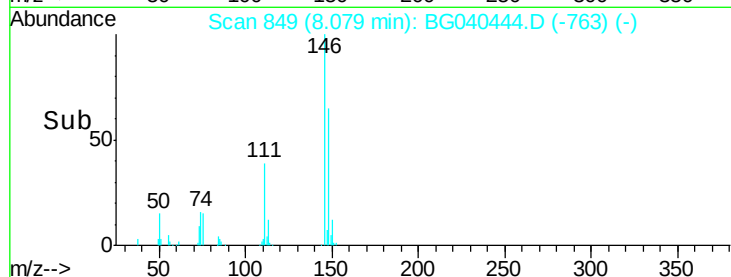
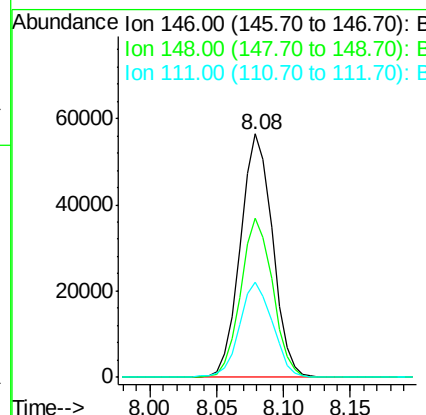
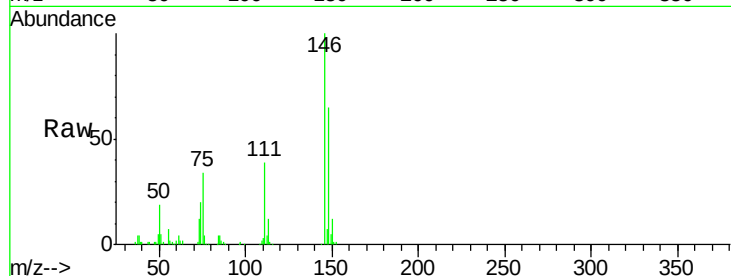




#13
 1,4-Dichlorobenzene
 Concen: 32.300 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

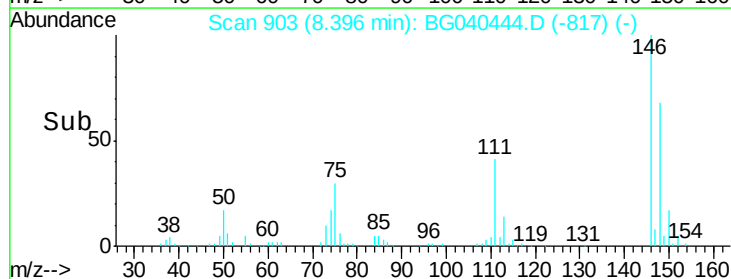
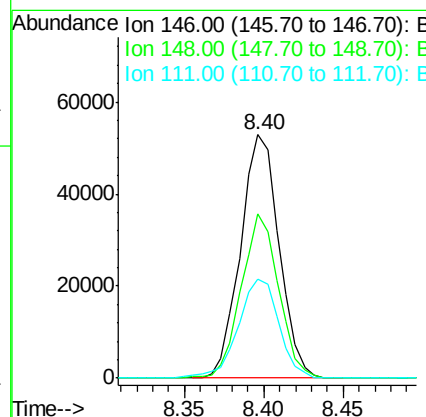
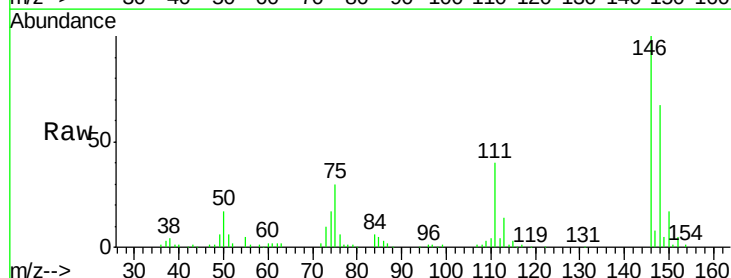
Instrument :
 BNA_G
 ClientSampleId :

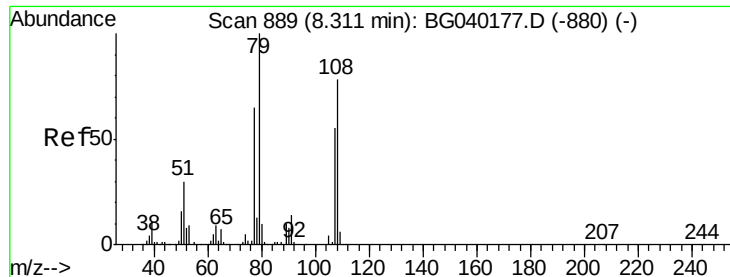
Tot Ion:146 Resp: 94302
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.4
 111 39.2 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 31.936 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion:146 Resp: 89165
 Ion Ratio Lower Upper
 146 100
 148 67.4 50.8 76.2
 111 40.4 33.4 50.0





#15

Benzyl Alcohol

Concen: 30.018 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

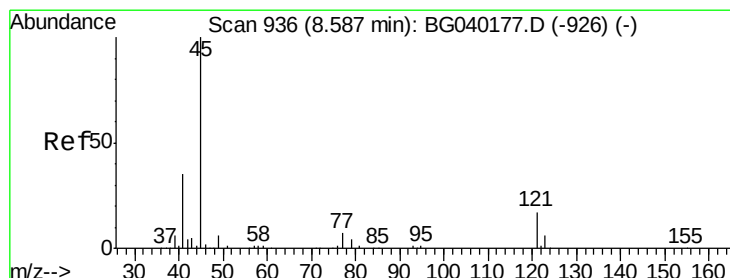
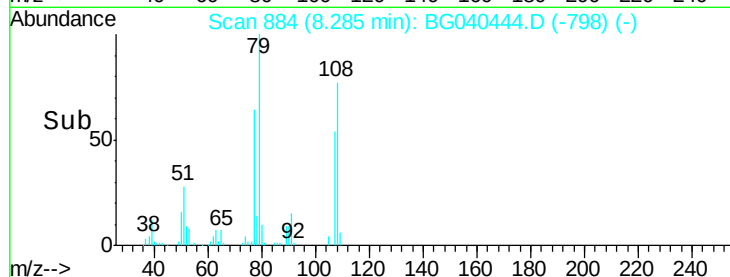
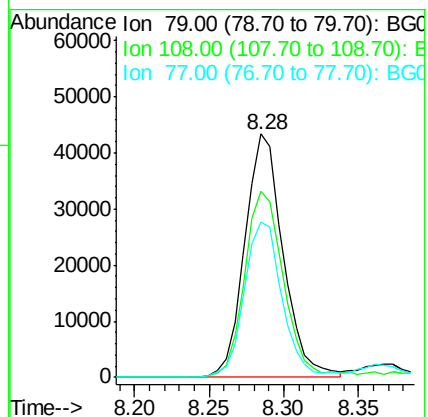
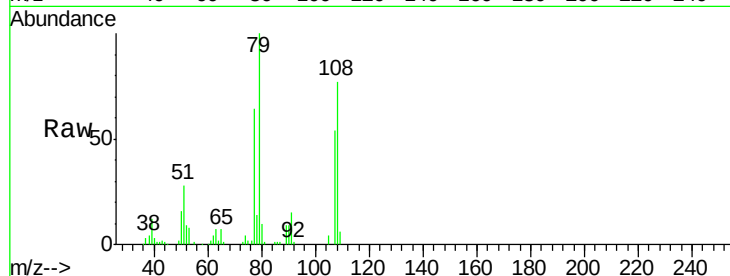
Tot Ion: 79 Resp: 76962

Ion Ratio Lower Upper

79 100

108 76.6 62.1 93.1

77 63.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.401 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

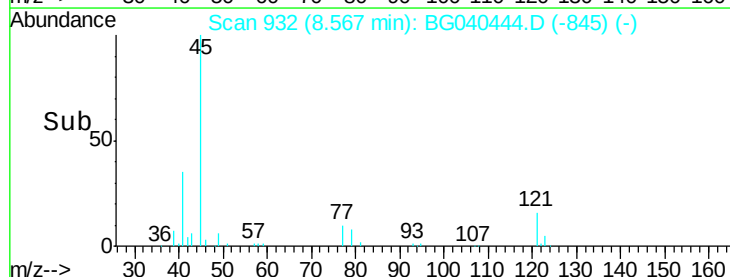
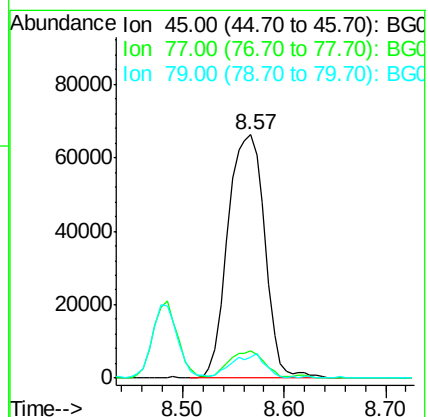
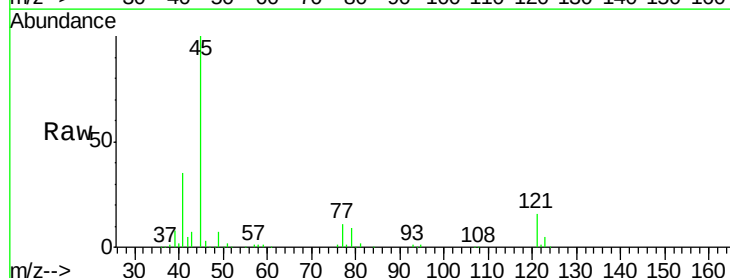
Tgt Ion: 45 Resp: 166791

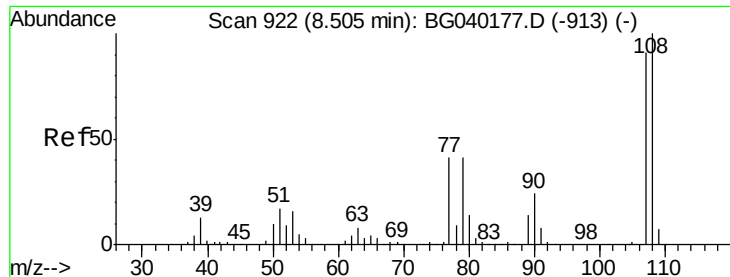
Ion Ratio Lower Upper

45 100

77 11.0 0.0 31.4

79 8.7 0.0 28.3





#17

2-Methylphenol

Concen: 33.844 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 80926

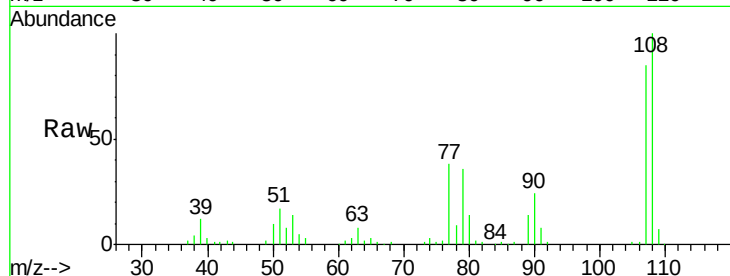
Ion Ratio Lower Upper

107 100

108 118.2 88.2 132.4

77 44.6 36.6 55.0

79 42.1 36.5 54.7

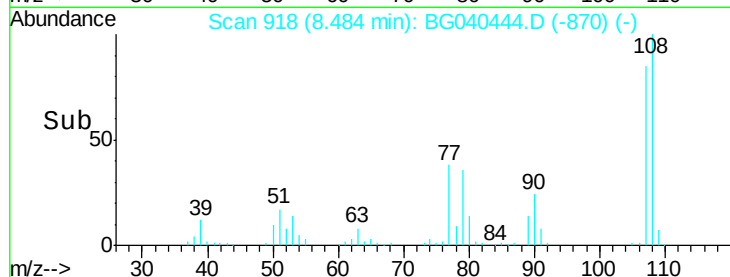


Abundance Ion 107.00 (106.70 to 107.70): E

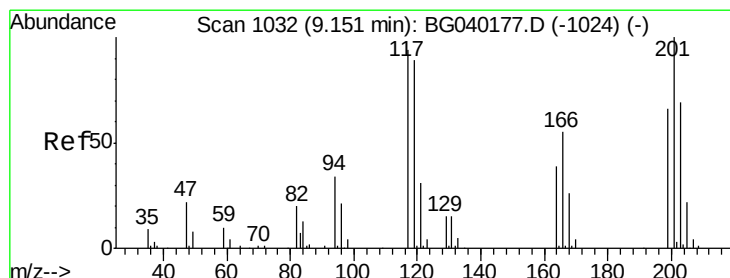
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 30.029 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

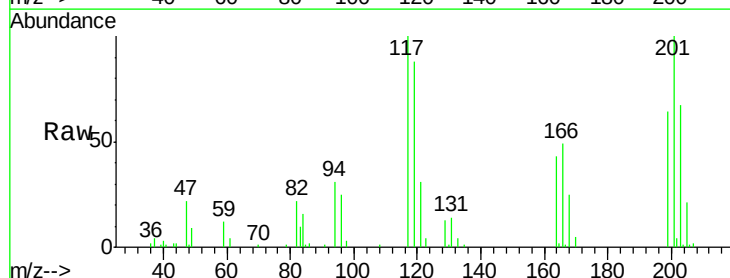
Tgt Ion:117 Resp: 33348

Ion Ratio Lower Upper

117 100

119 88.0 76.6 115.0

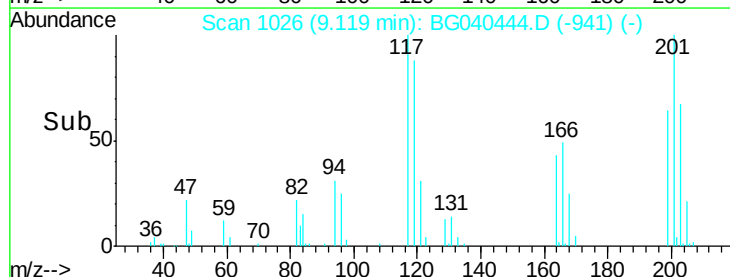
201 100.4 85.0 127.4



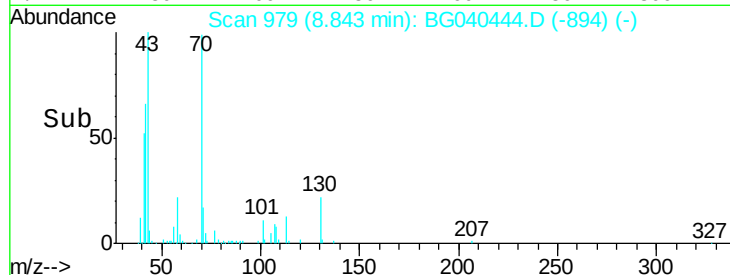
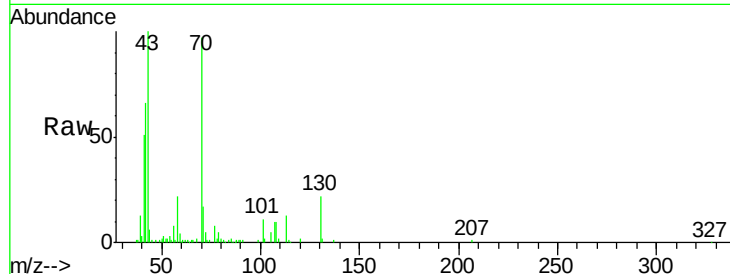
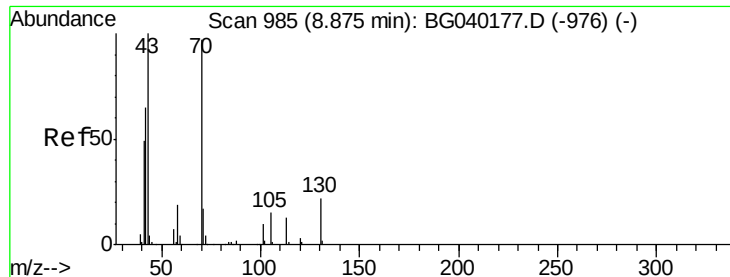
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



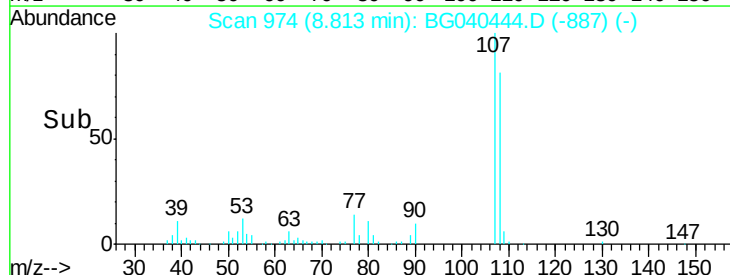
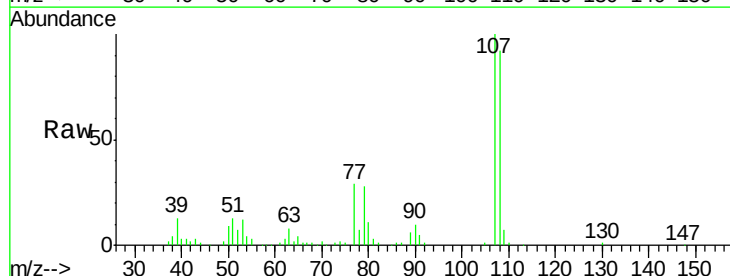
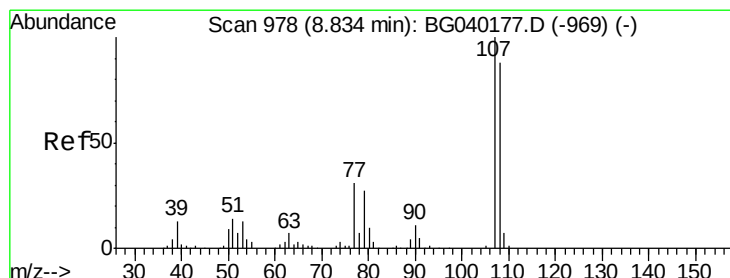
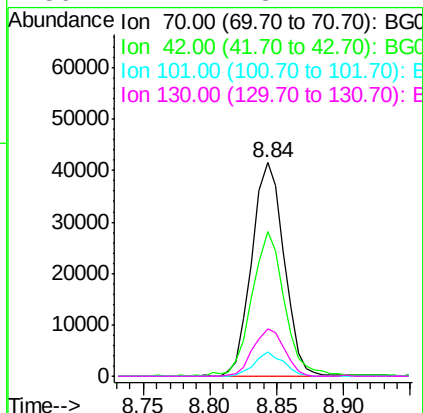
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 30.387 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

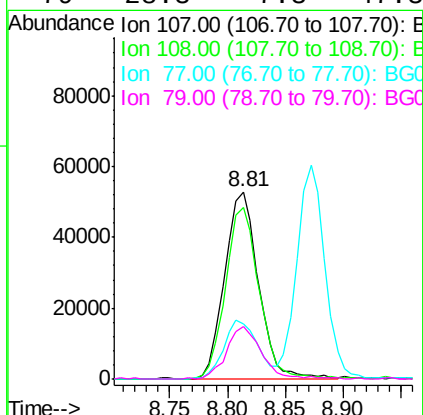
Instrument :
BNA_G
ClientSampleId :

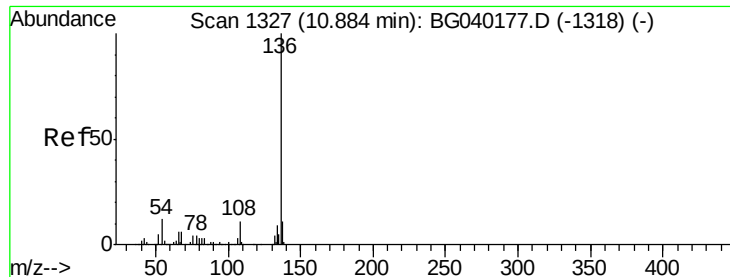
Tot Ion:	70	Resp:	69361
Ion	Ratio	Lower	Upper
70	100		
42	67.6	54.0	81.0
101	11.3	8.6	13.0
130	22.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 33.150 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:	107	Resp:	107382
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.3	108.3
77	29.3	11.3	51.3
79	28.3	7.3	47.3

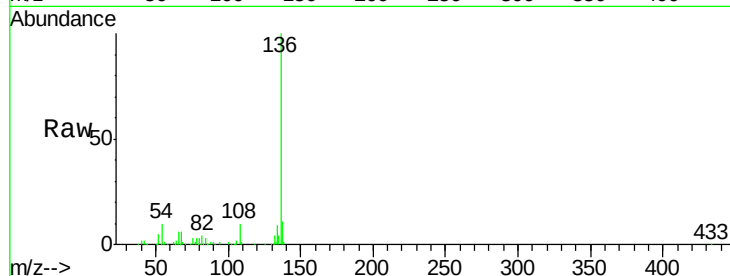




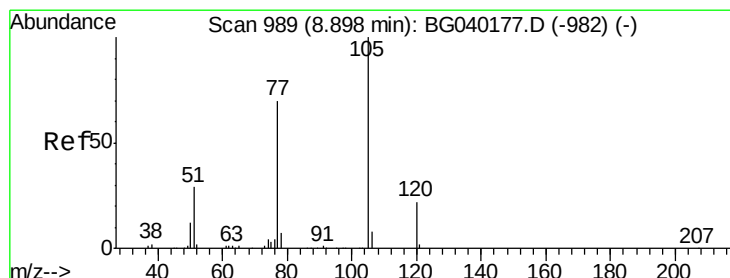
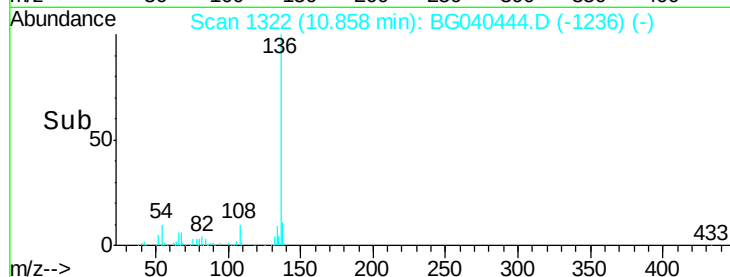
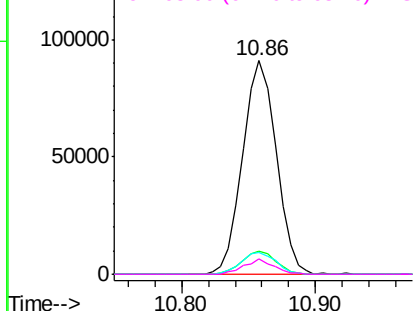
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	158843
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	10.0	9.6 14.4
68	7.2	5.1 7.7

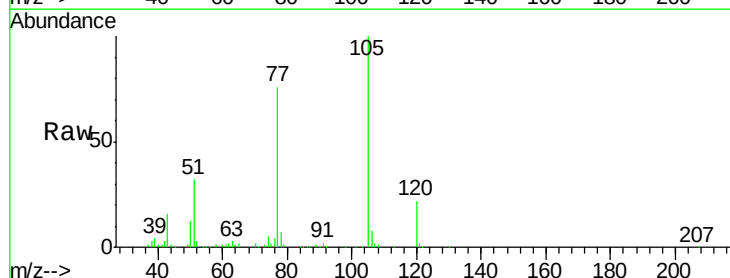


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

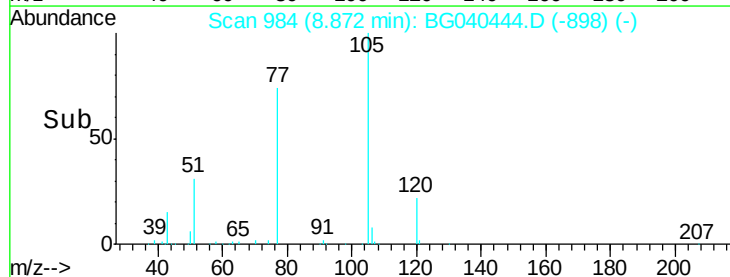
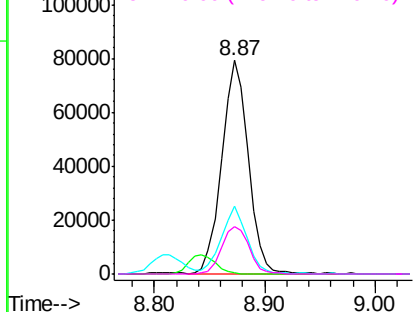


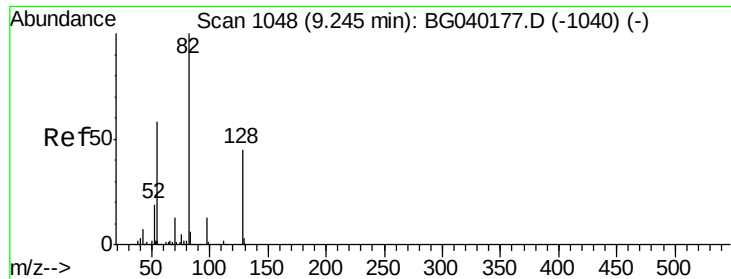
#22
Acetophenone
Concen: 33.729 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:105	Resp:	133643
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.6 1.0#
51	32.0	25.1 37.7
120	22.2	17.6 26.4



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

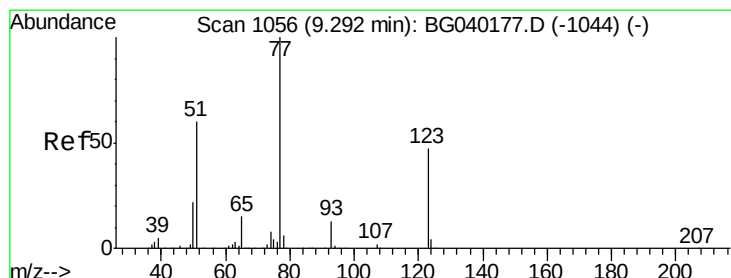
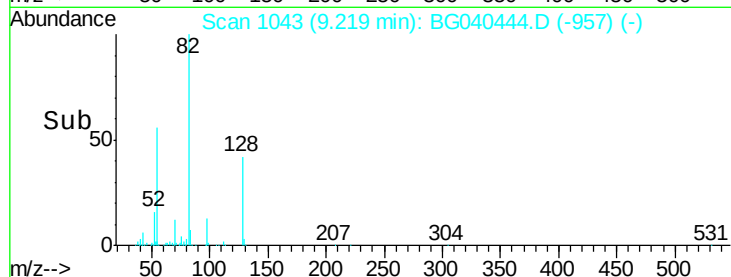
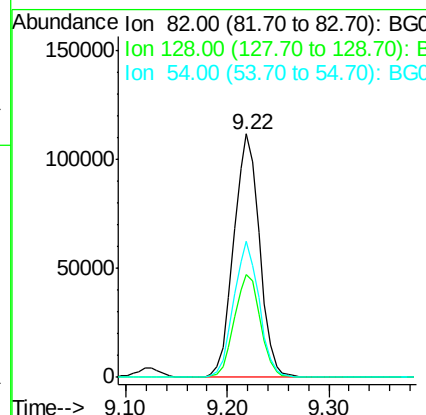
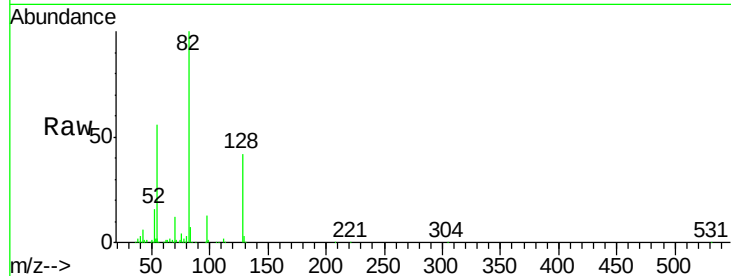




#23
 Nitrobenzene-d5
 Concen: 65.813 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

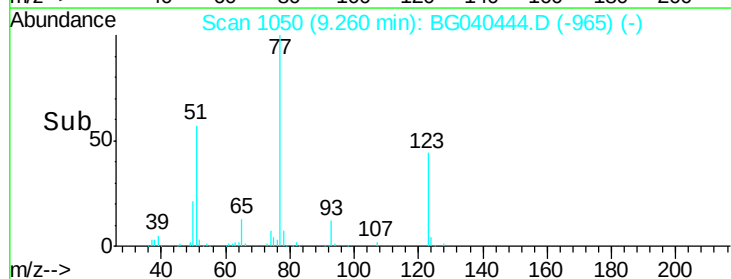
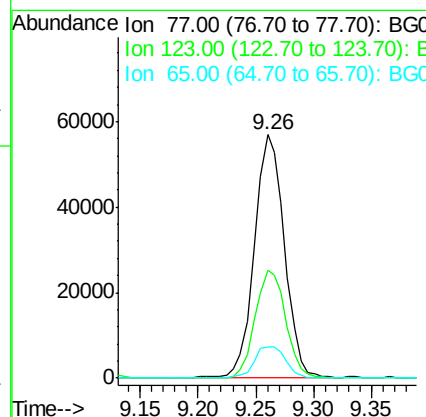
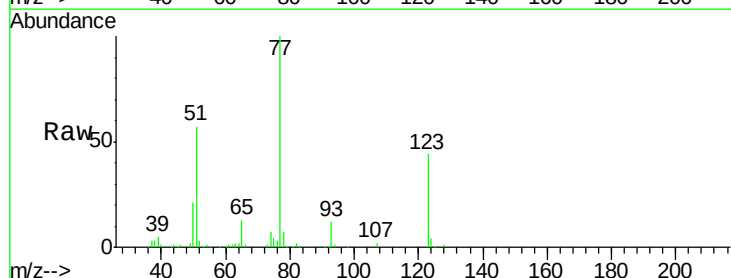
Instrument :
 BNA_G
 ClientSampled :

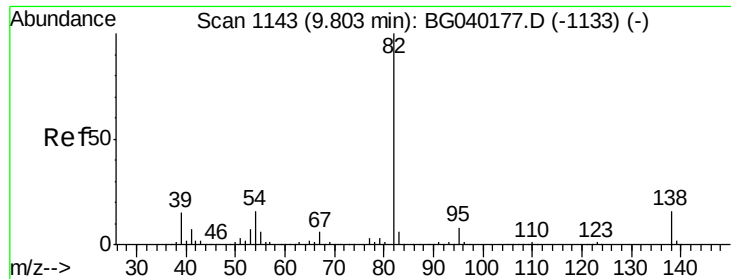
Tot Ion: 82 Resp: 196674
 Ion Ratio Lower Upper
 82 100
 128 42.2 35.8 53.8
 54 55.8 46.2 69.2



#24
 Nitrobenzene
 Concen: 33.444 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion: 77 Resp: 103495
 Ion Ratio Lower Upper
 77 100
 123 44.3 37.8 56.6
 65 12.8 12.0 18.0





#25

Isophorone

Concen: 32.217 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

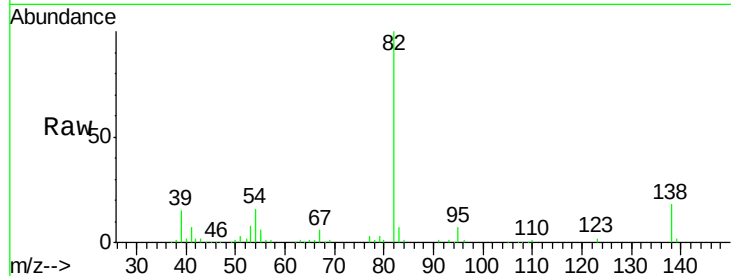
Tot Ion: 82 Resp: 198094

Ion Ratio Lower Upper

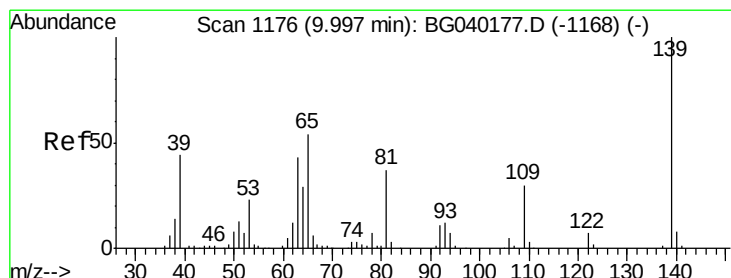
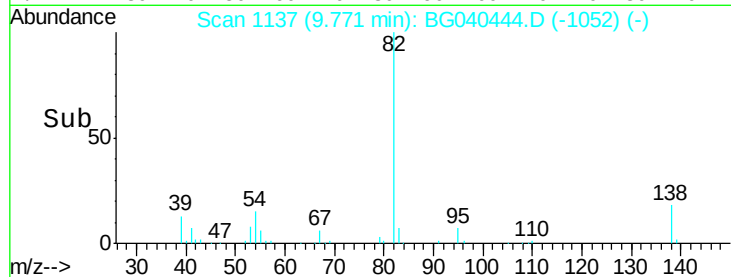
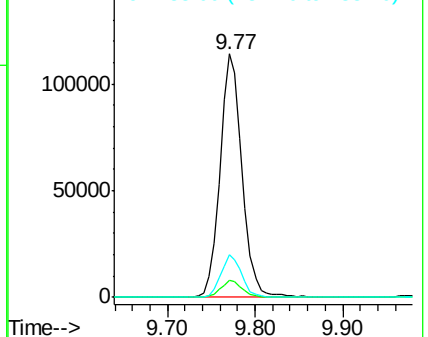
82 100

95 6.9 6.1 9.1

138 17.6 13.2 19.8



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: 32.038 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

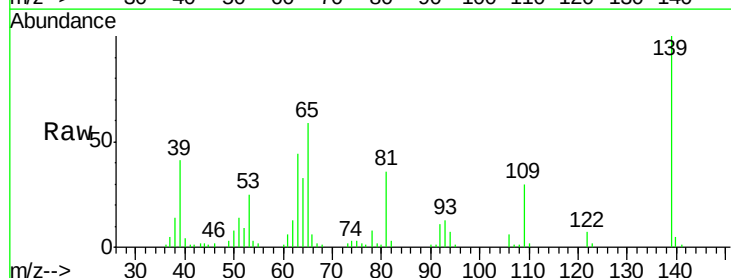
Tgt Ion: 139 Resp: 46978

Ion Ratio Lower Upper

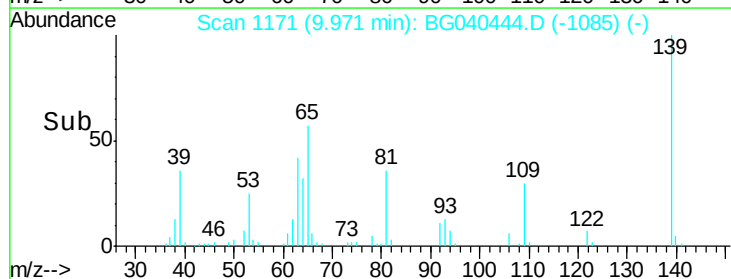
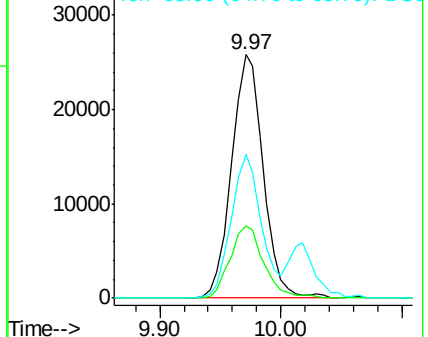
139 100

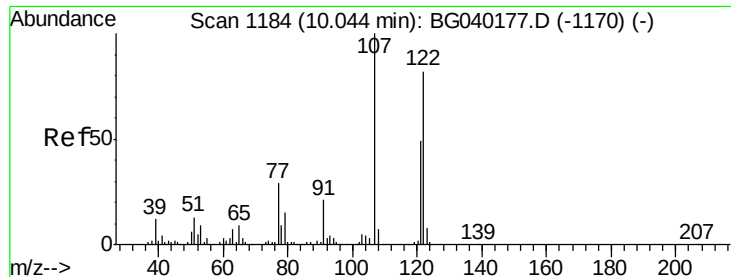
109 29.5 24.1 36.1

65 59.2 43.0 64.6



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

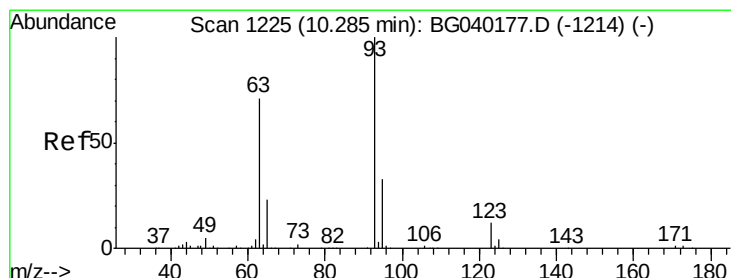
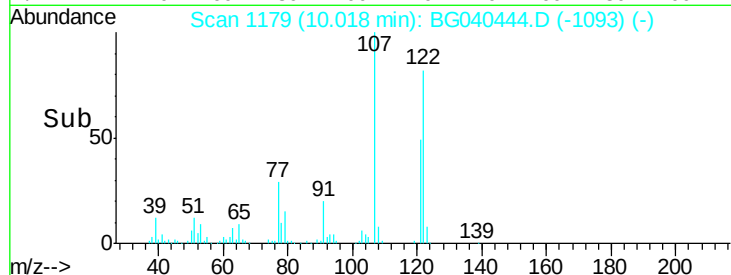
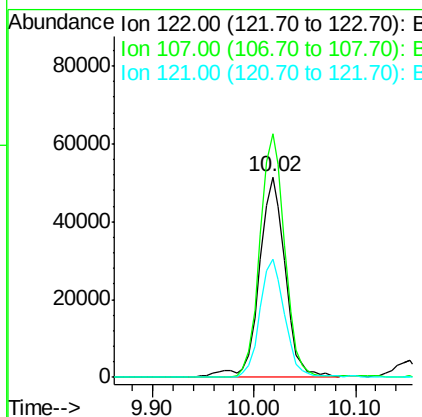
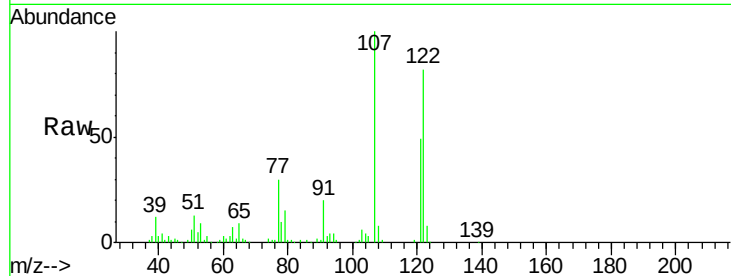




#27
 2,4-Dimethylphenol
 Concen: 39.304 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

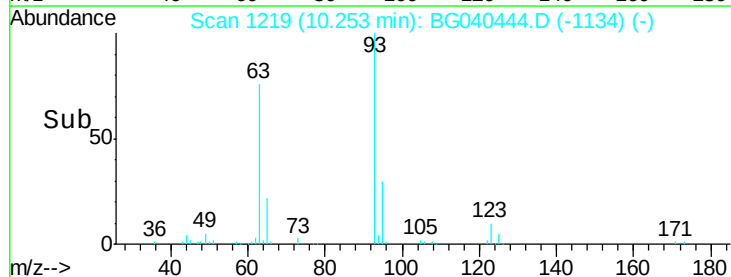
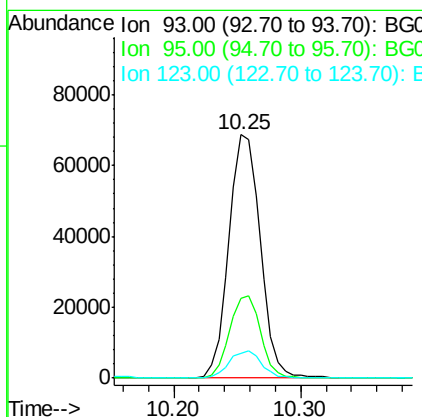
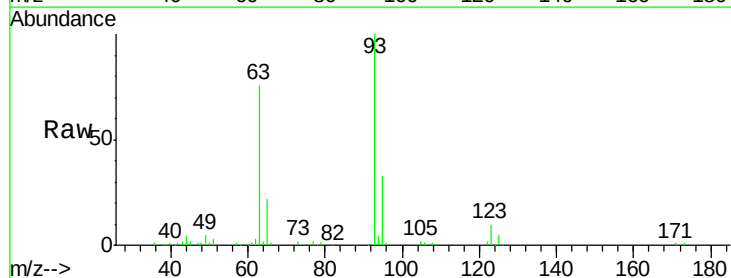
Instrument :
 BNA_G
 ClientSampled :

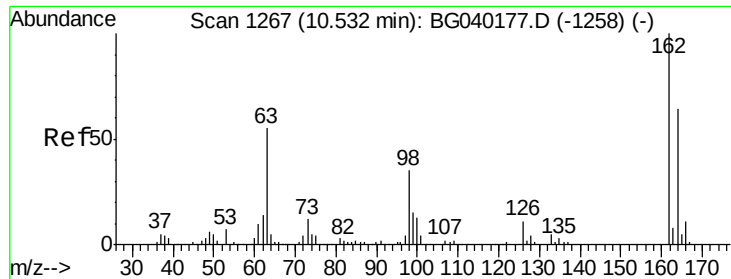
Tot Ion:122 Resp: 91545
 Ion Ratio Lower Upper
 122 100
 107 121.4 97.4 146.2
 121 59.0 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.362 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion: 93 Resp: 117727
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 10.4 9.4 14.0

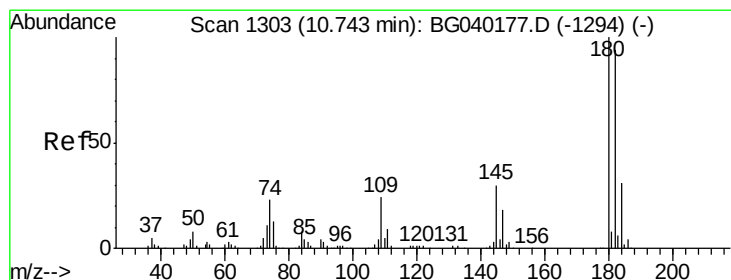
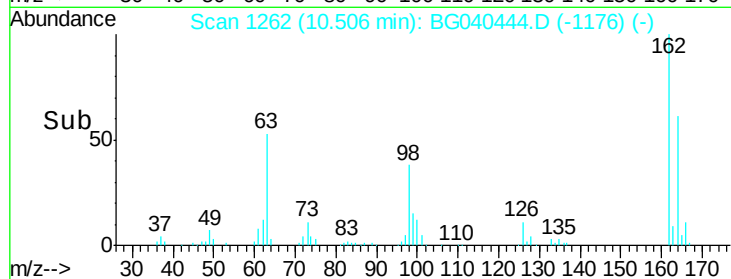
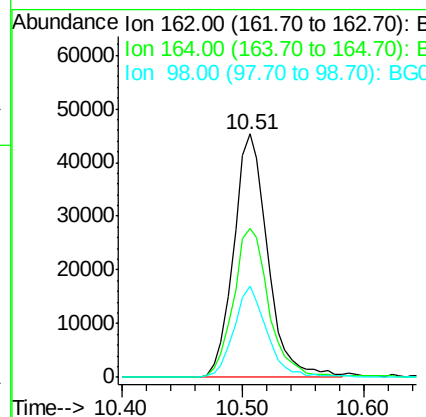
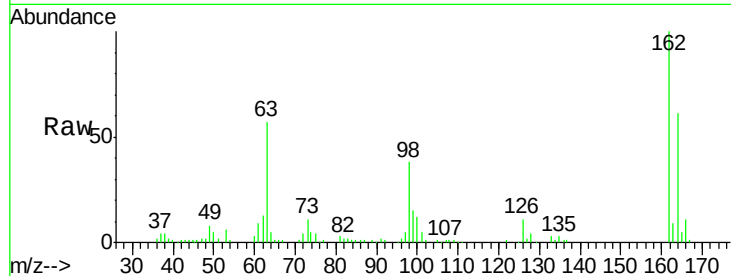




#29
 2,4-Dichlorophenol
 Concen: 35.196 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

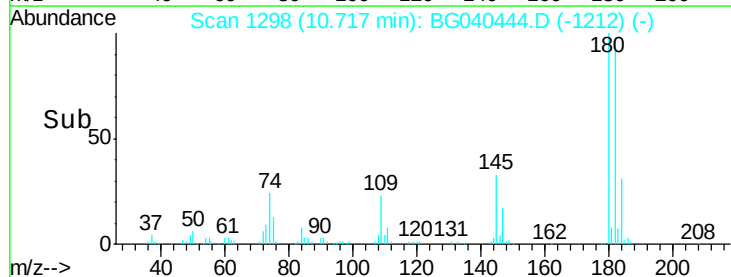
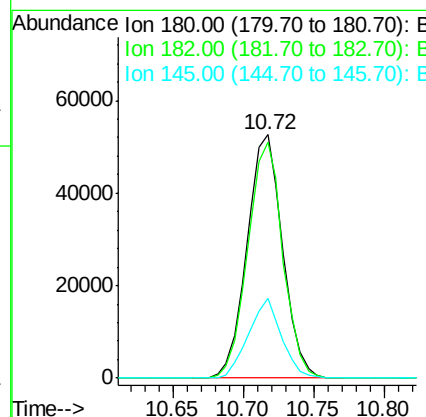
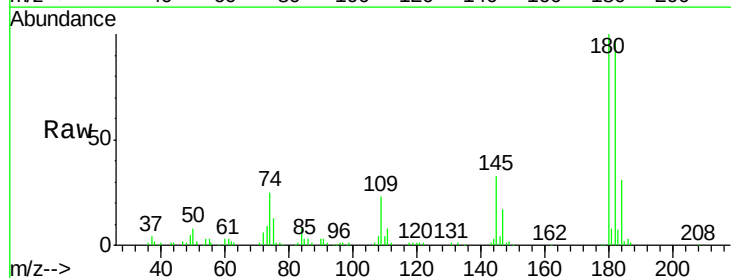
Instrument :
 BNA_G
 ClientSampled :

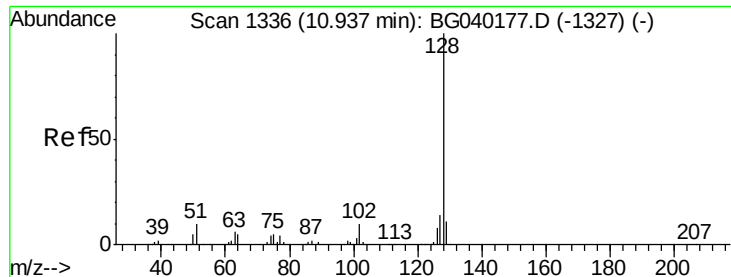
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	43.9	83.9
98	37.7	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 33.453 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.1	112.7
145	32.8	24.1	36.1

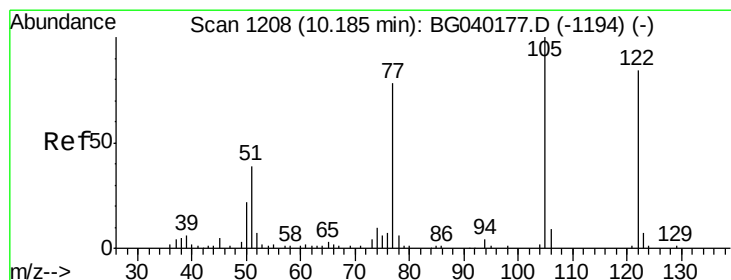
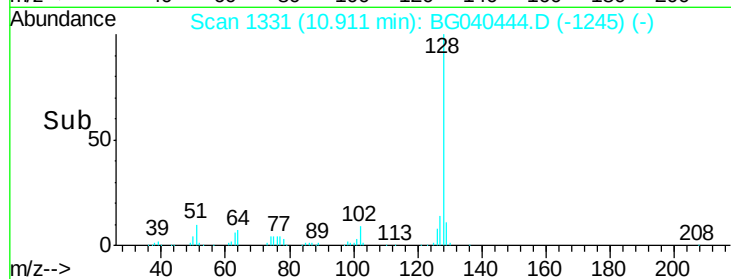
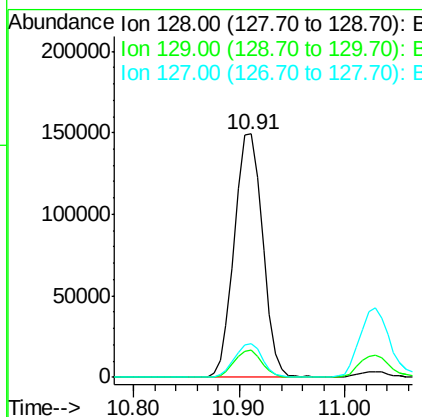
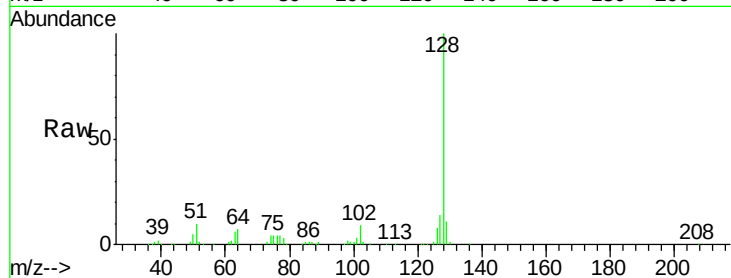




#31
Naphthalene
Concen: 34.160 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

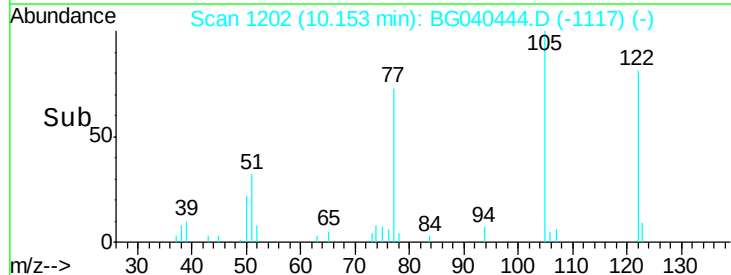
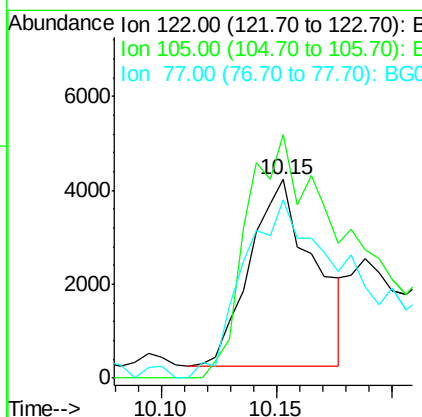
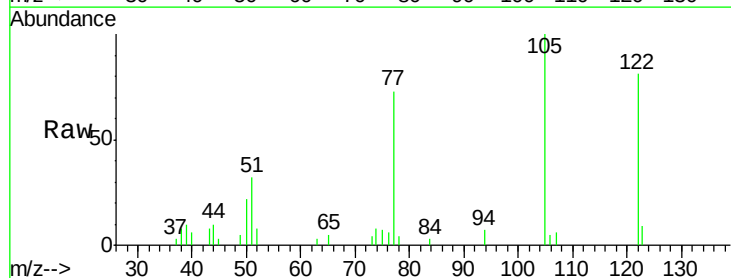
Instrument :
BNA_G
ClientSampleId :

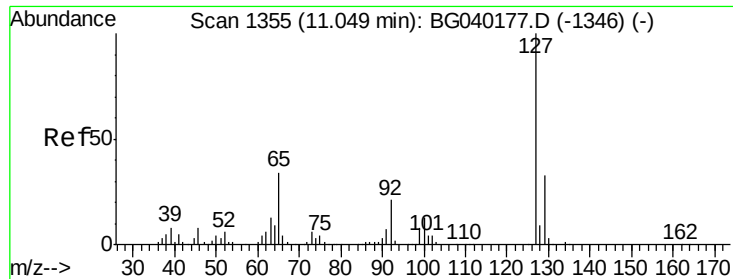
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.7	11.4	17.0



#32
Benzoic acid
Concen: 5.451 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	98.2	138.2
77	90.0	73.6	113.6

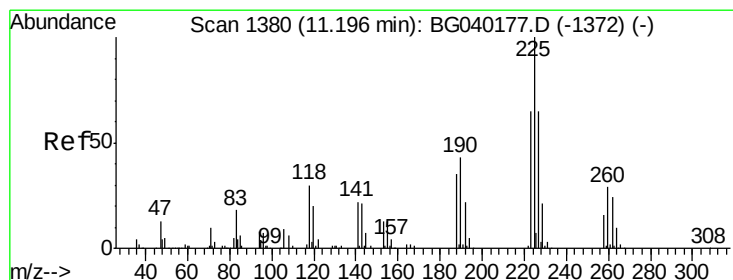
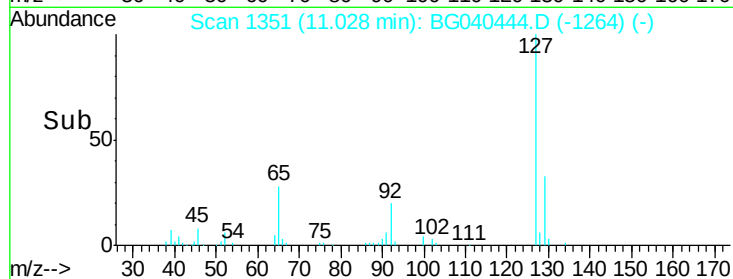
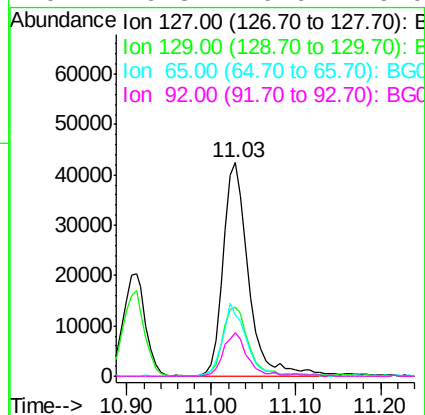
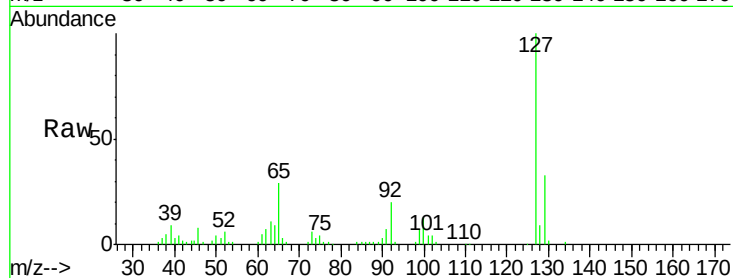




#33
4-Chloroaniline
Concen: 25.570 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

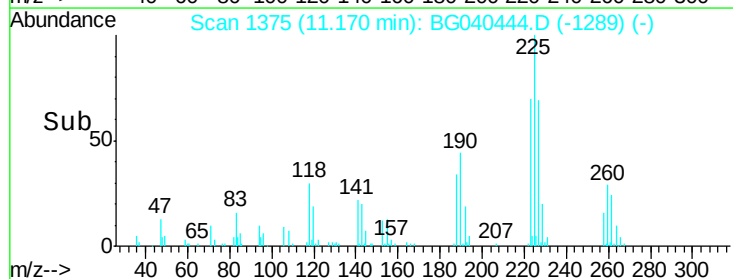
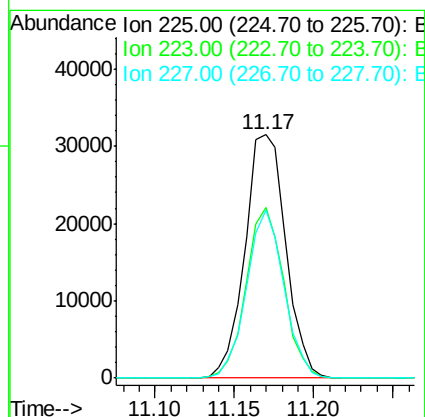
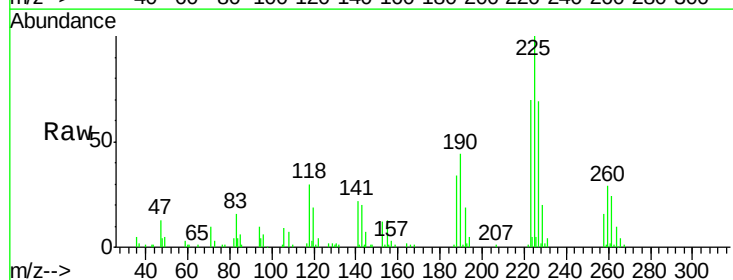
Instrument :
BNA_G
ClientSampleId :

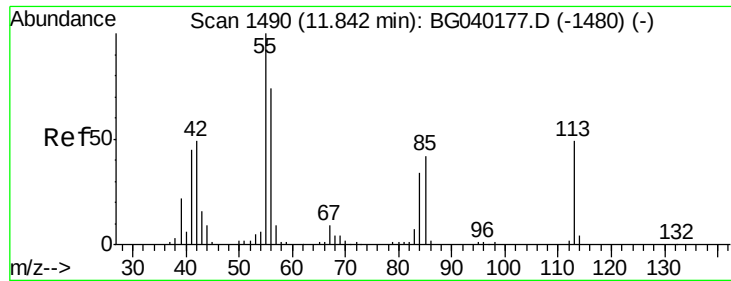
Tot Ion:	127	Resp:	88803
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	28.6	27.0	40.4
92	20.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 31.789 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:	225	Resp:	56438
Ion	Ratio	Lower	Upper
225	100		
223	70.3	51.8	77.8
227	69.3	54.9	82.3

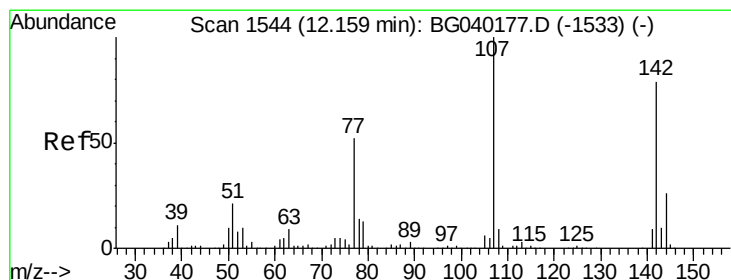
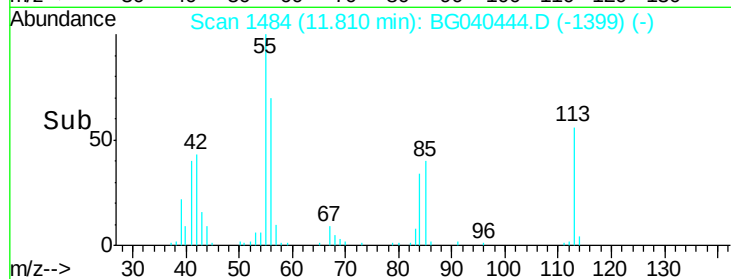
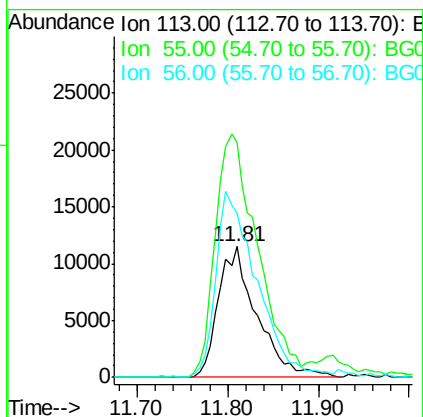
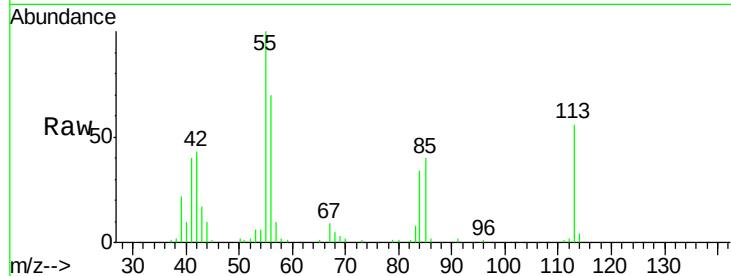




#35
 Caprolactam
 Concen: 33.843 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

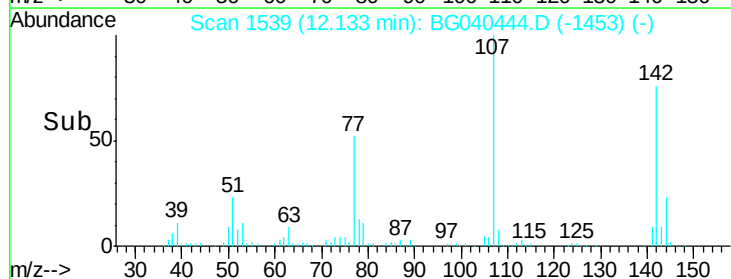
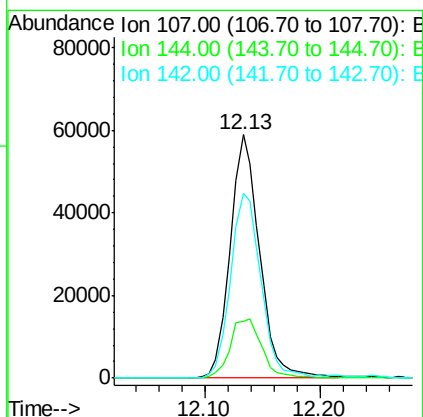
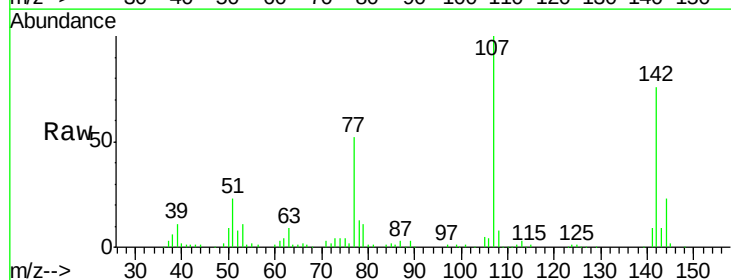
Instrument :
 BNA_G
 ClientSampleId :

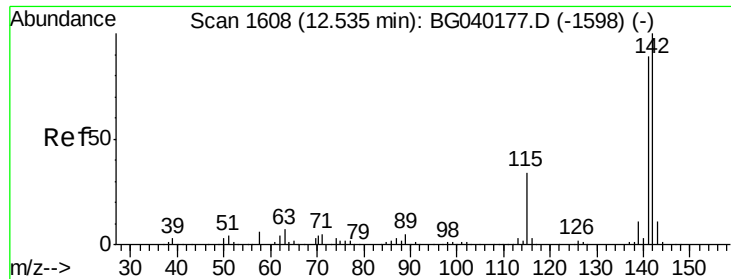
Tot Ion:113 Resp: 33954
 Ion Ratio Lower Upper
 113 100
 55 179.1 184.2 224.2#
 56 125.2 131.3 171.3#



#36
 4-Chloro-3-methylphenol
 Concen: 35.780 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion:107 Resp: 103991
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.5 30.7
 142 75.7 63.1 94.7

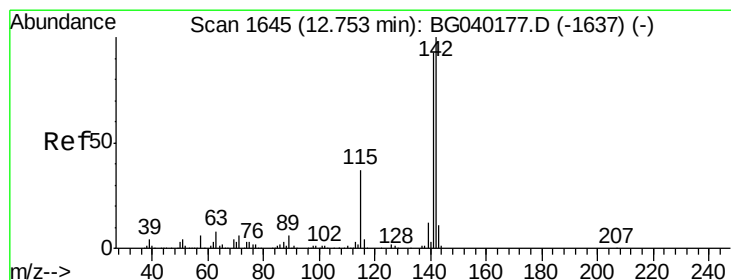
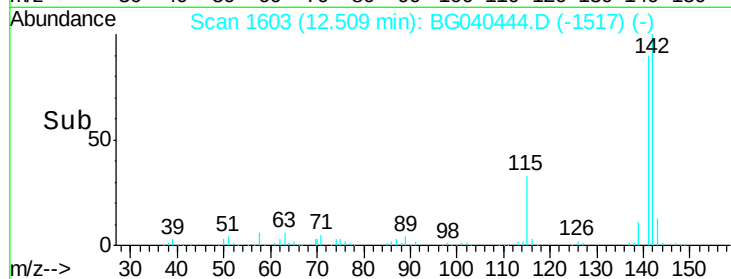
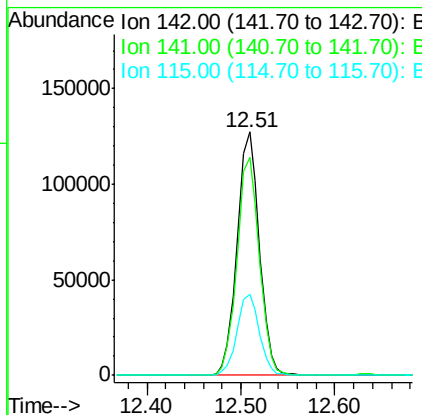
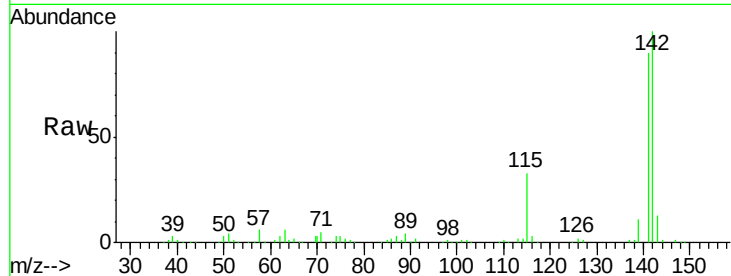




#37
 2-Methylnaphthalene
 Concen: 34.774 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

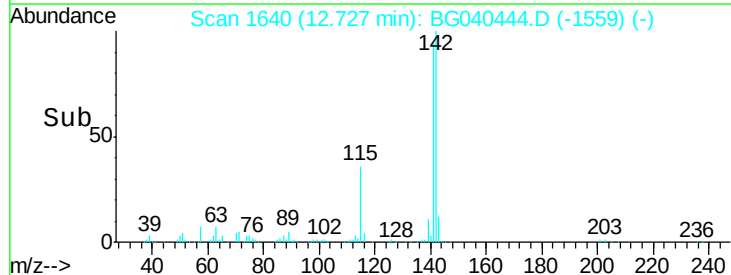
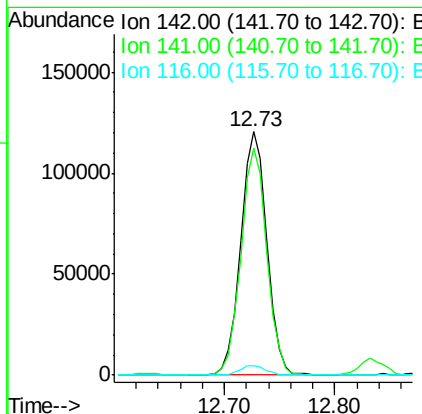
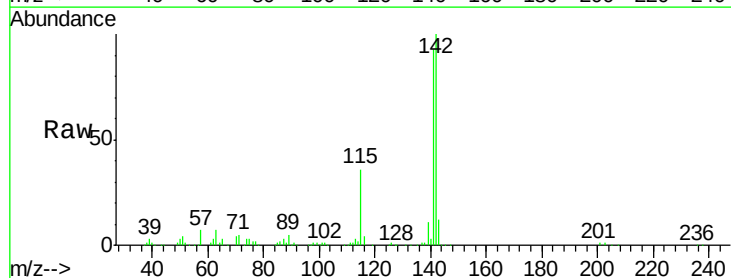
Instrument :
 BNA_G
 ClientSampleId :

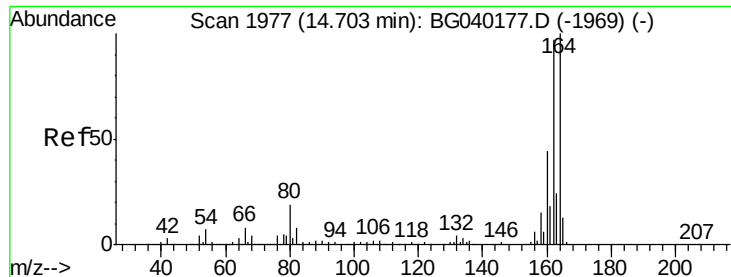
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	33.3	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 34.245 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.1	3.0	4.4

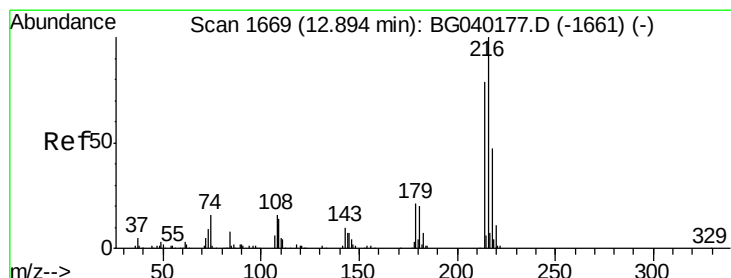
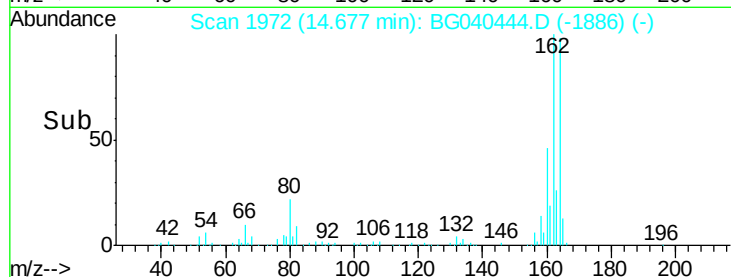
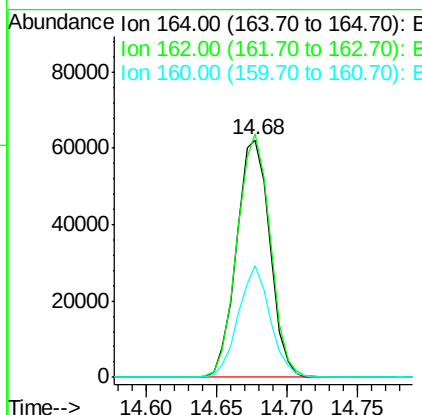
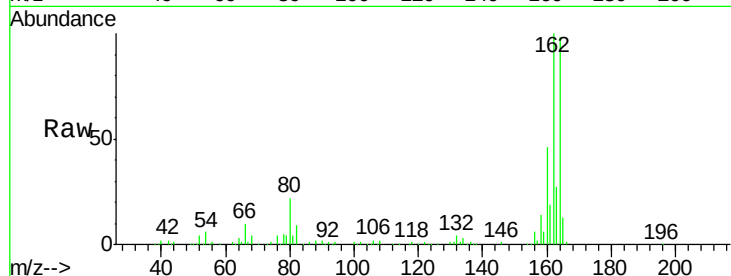




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

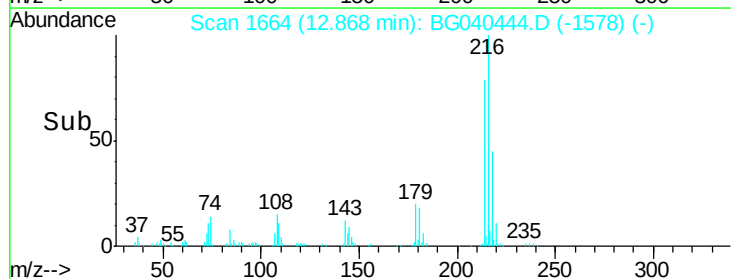
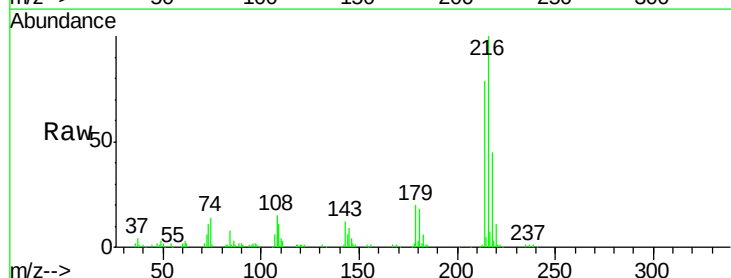
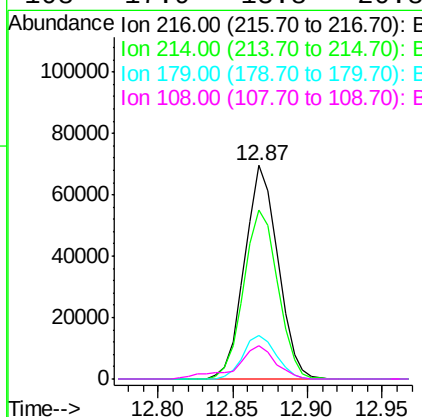
Instrument :
 BNA_G
 ClientSampleId :

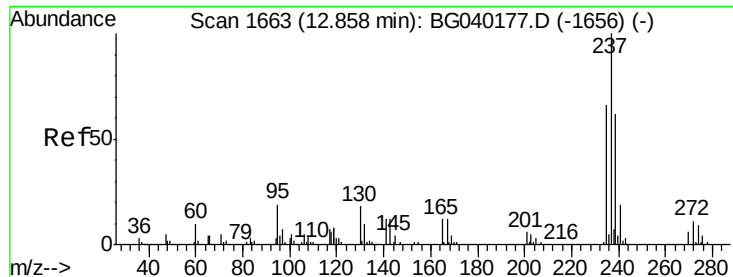
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	77.4	116.2
160	46.8	35.3	52.9



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.919 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.5	95.3
179	20.6	16.6	25.0
108	17.9	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 61.767 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

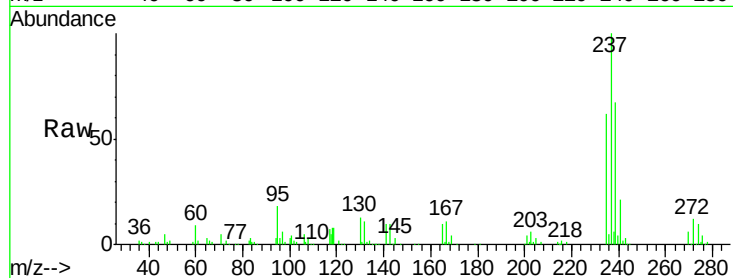
Tot Ion:237 Resp: 110752

Ion Ratio Lower Upper

237 100

235 62.2 46.2 86.2

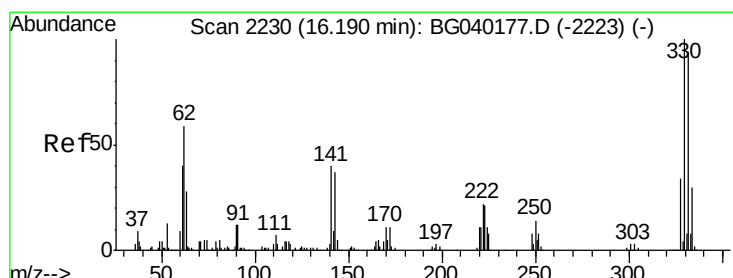
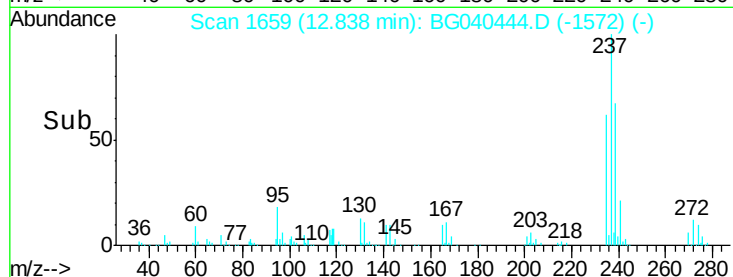
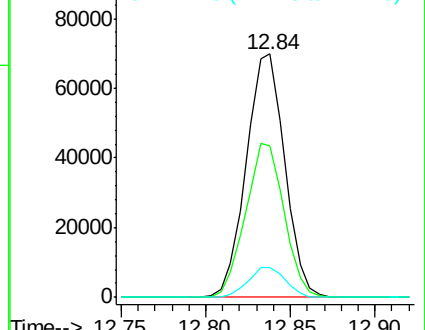
272 12.5 0.0 30.5



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: 117.635 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

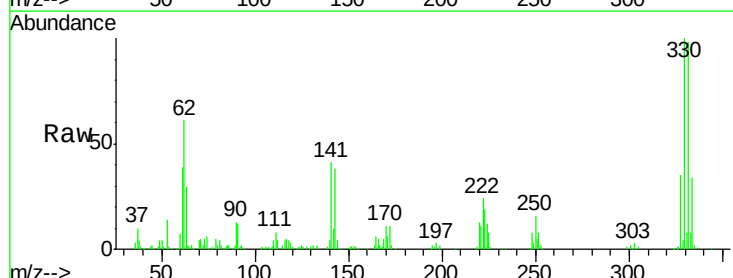
Tgt Ion:330 Resp: 130623

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

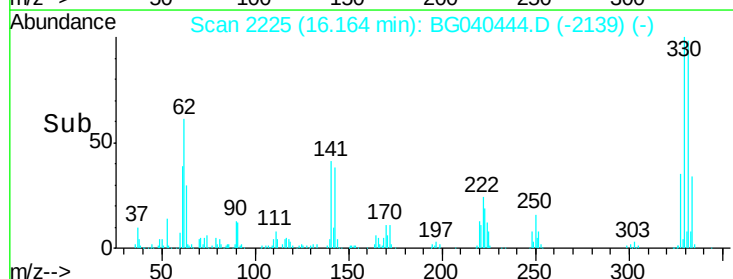
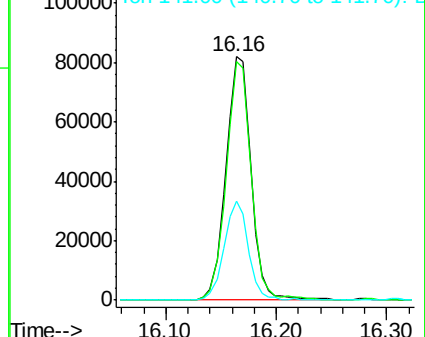
141 39.1 32.6 48.8

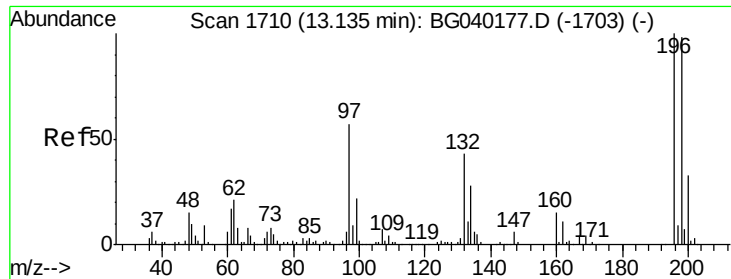


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

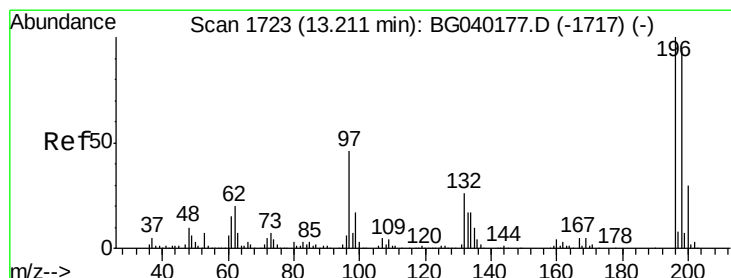
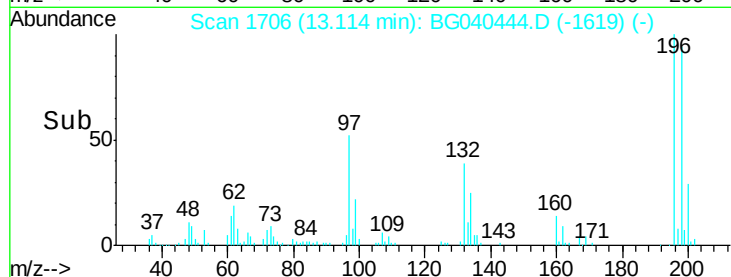
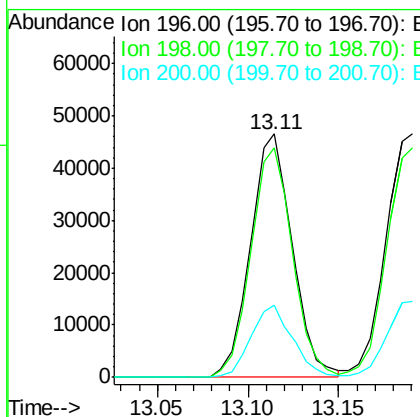
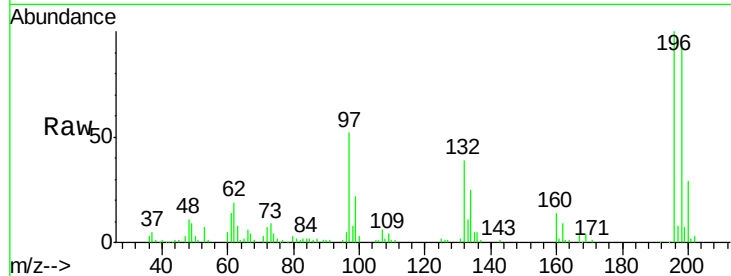




#43
 2,4,6-Trichlorophenol
 Concen: 35.357 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

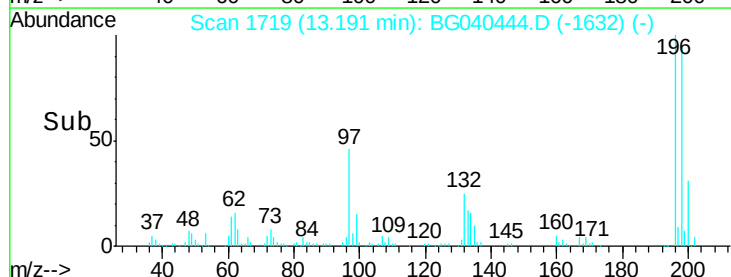
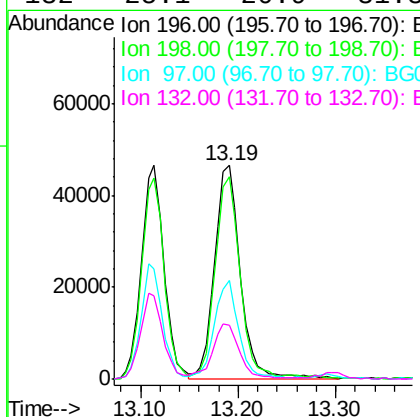
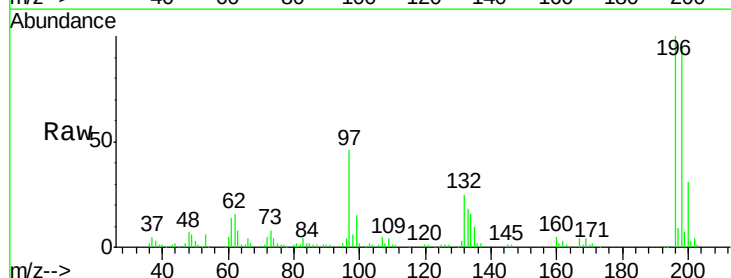
Instrument :
 BNA_G
 ClientSampleId :

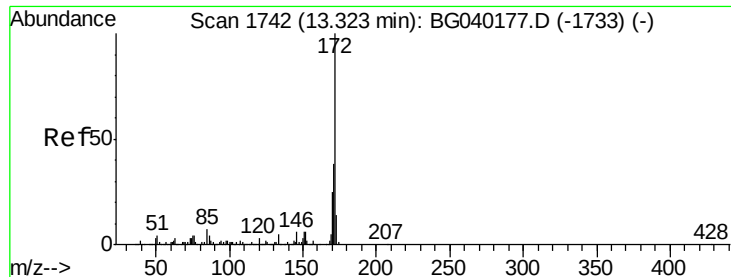
Tot Ion:196 Resp: 74442
 Ion Ratio Lower Upper
 196 100
 198 94.3 78.3 117.5
 200 29.5 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 37.471 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion:196 Resp: 85990
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.0 112.6
 97 46.0 37.3 55.9
 132 25.1 20.9 31.3

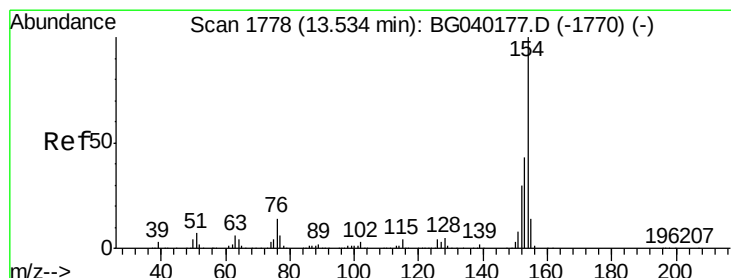
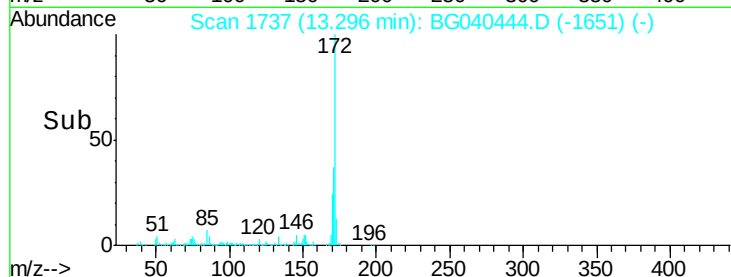
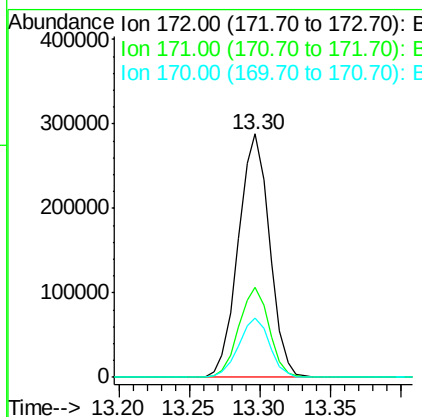
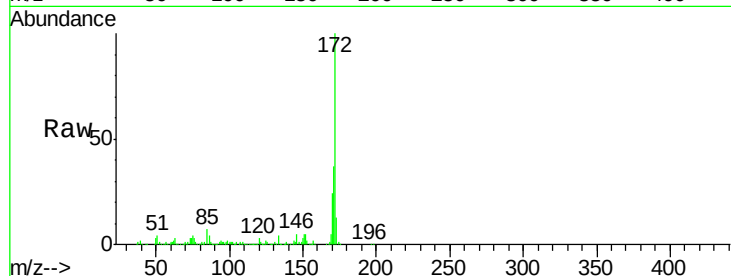




#45
2-Fluorobiphenyl
Concen: 64.270 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

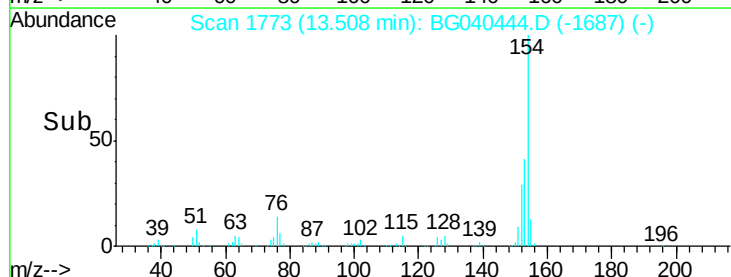
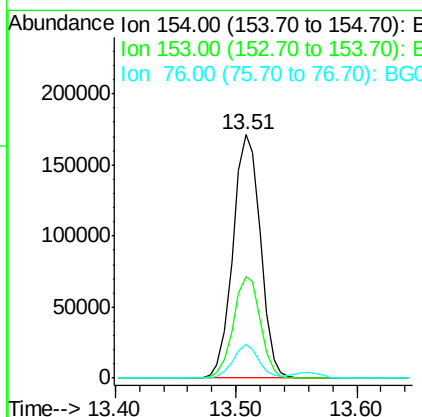
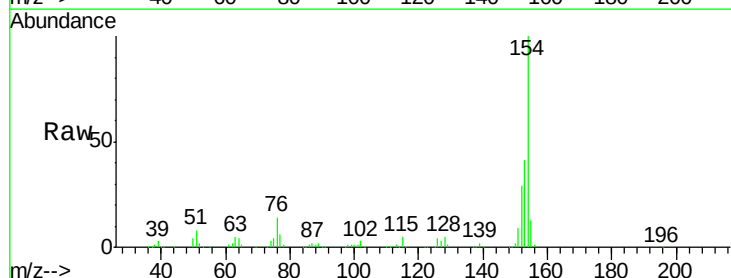
Instrument :
BNA_G
ClientSampleId :

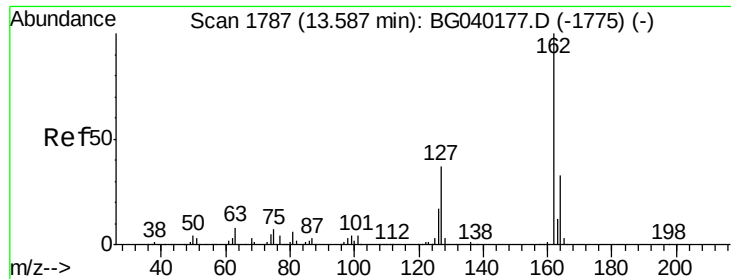
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.1	20.1	30.1



#46
1,1'-Biphenyl
Concen: 33.466 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.5	62.5
76	14.1	0.0	33.7

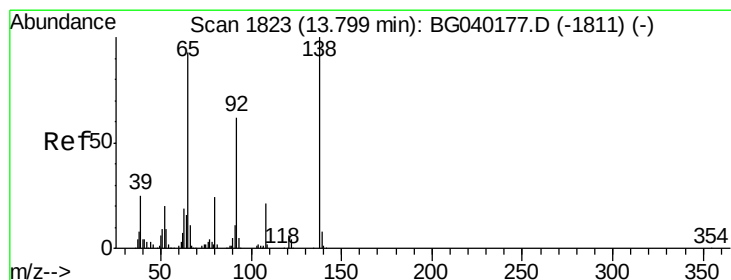
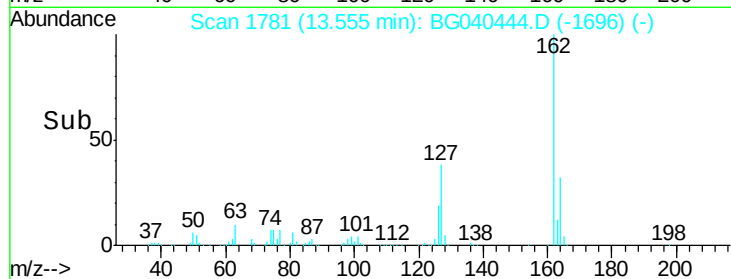
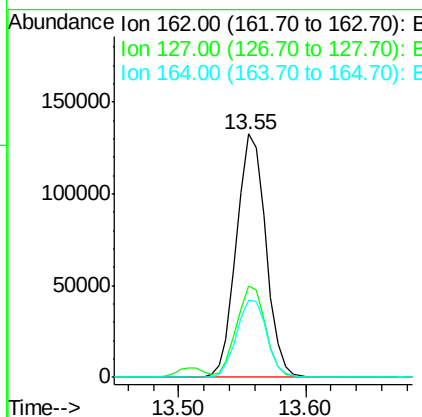
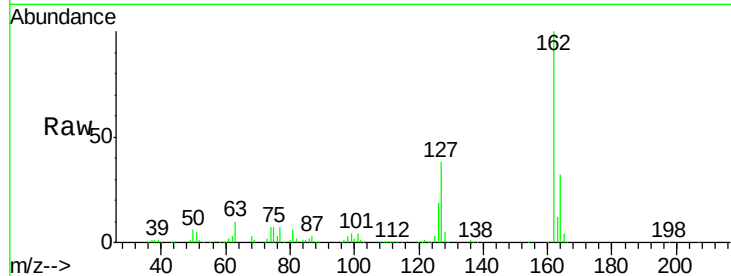




#47
2-Chloronaphthalene
Concen: 34.209 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

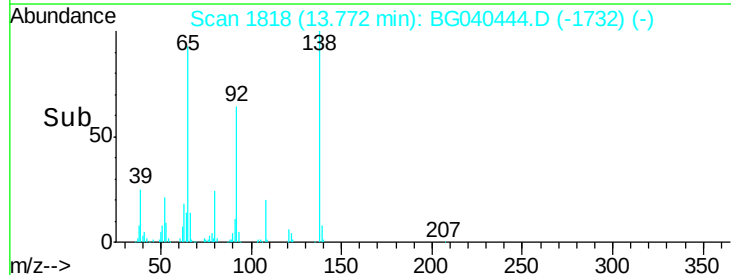
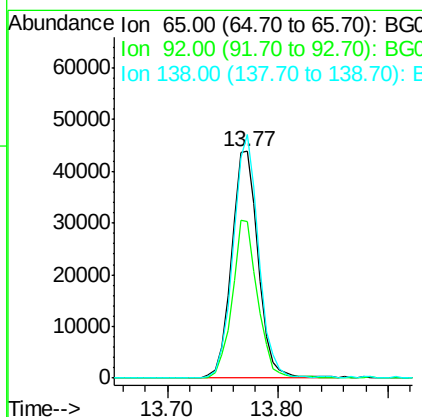
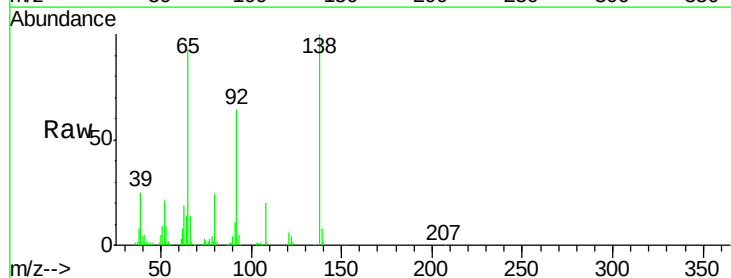
Instrument :
BNA_G
ClientSampleId :

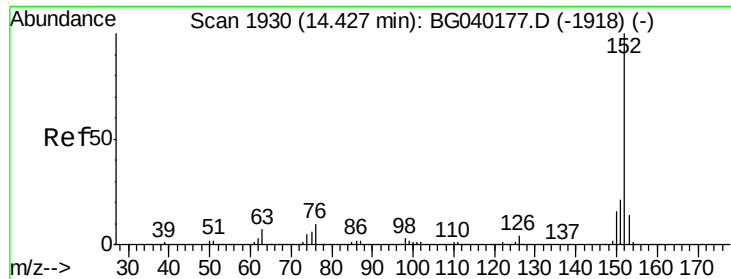
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.6	45.8
164	32.0	26.2	39.4



#48
2-Nitroaniline
Concen: 35.424 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.8	80.6
138	107.4	86.3	129.5





#49

Acenaphthylene

Concen: 33.644 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

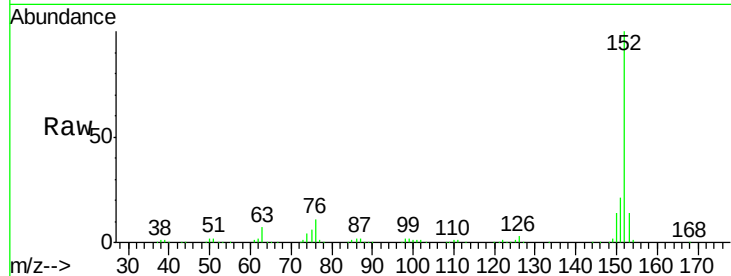
Tot Ion:152 Resp: 355216

Ion Ratio Lower Upper

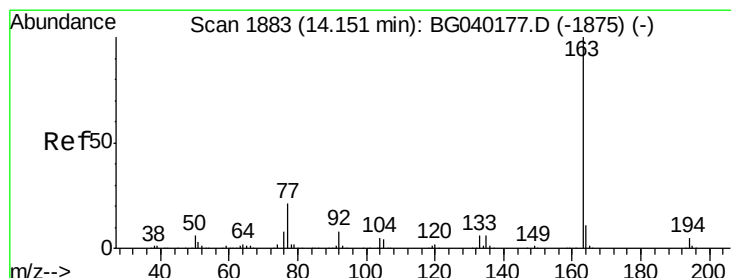
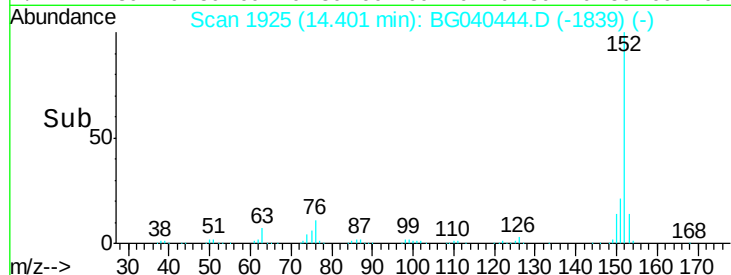
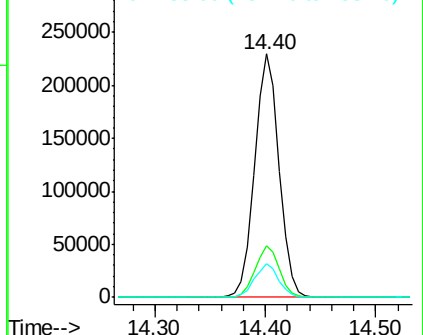
152 100

151 21.2 17.0 25.6

153 13.6 10.8 16.2



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: 39.720 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

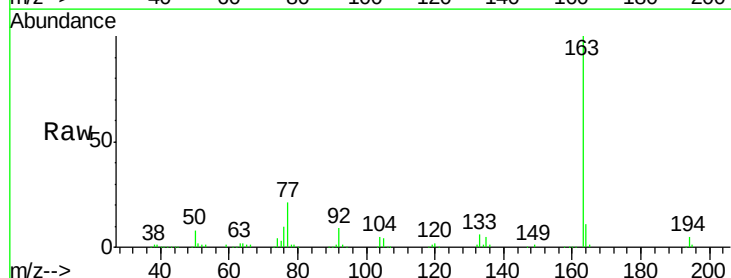
Tgt Ion:163 Resp: 319395

Ion Ratio Lower Upper

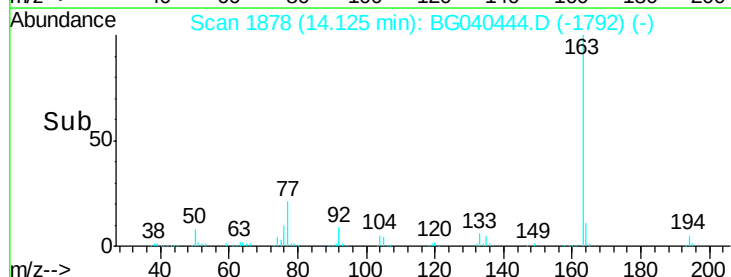
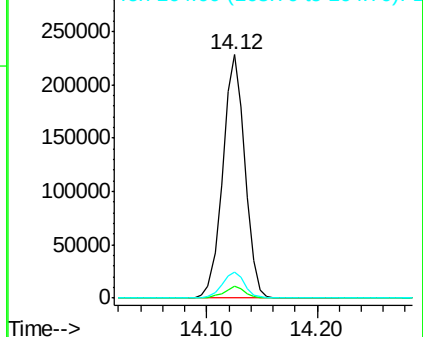
163 100

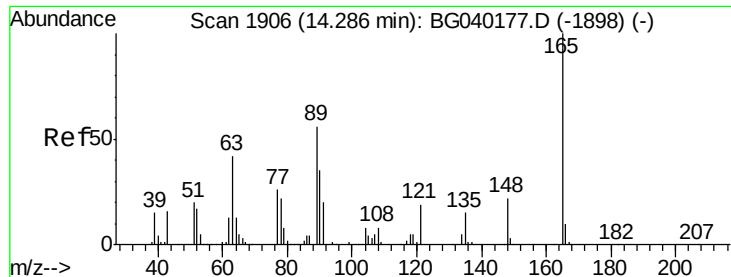
194 5.0 4.1 6.1

164 10.6 8.6 13.0



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: 36.095 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

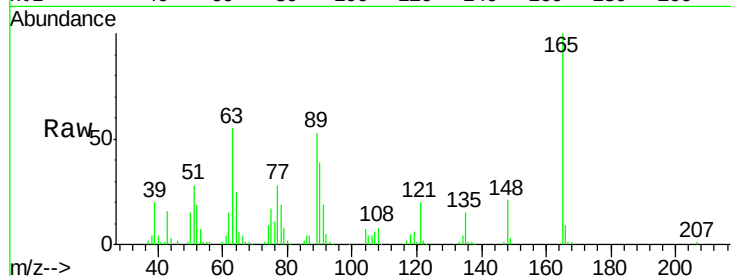
Tot Ion:165 Resp: 65172

Ion Ratio Lower Upper

165 100

63 55.4 44.1 66.1

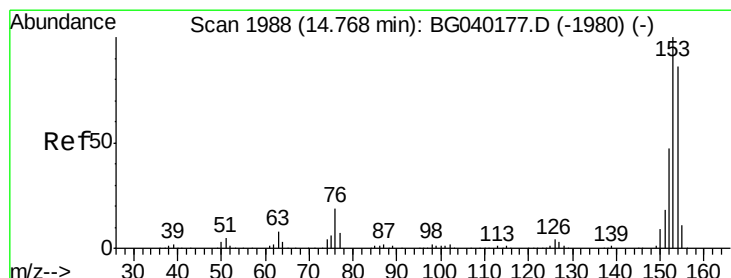
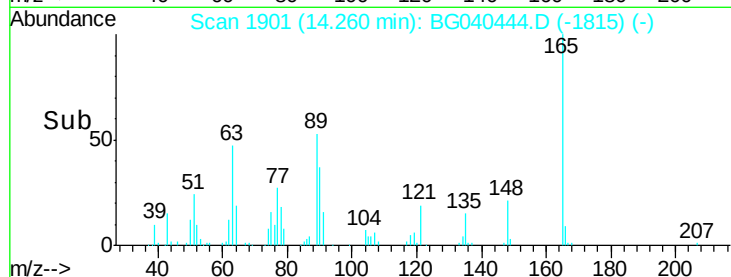
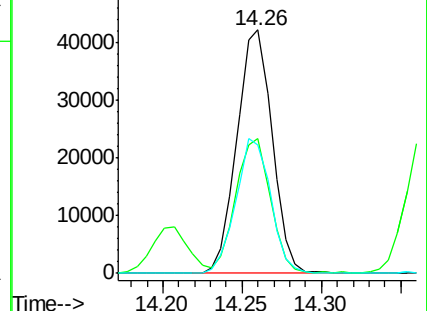
89 52.7 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 34.599 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

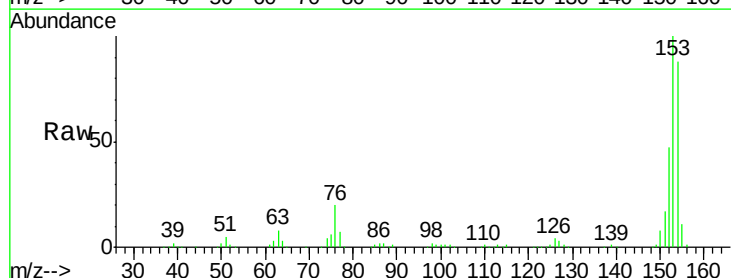
Tgt Ion:154 Resp: 209322

Ion Ratio Lower Upper

154 100

153 113.5 92.8 139.2

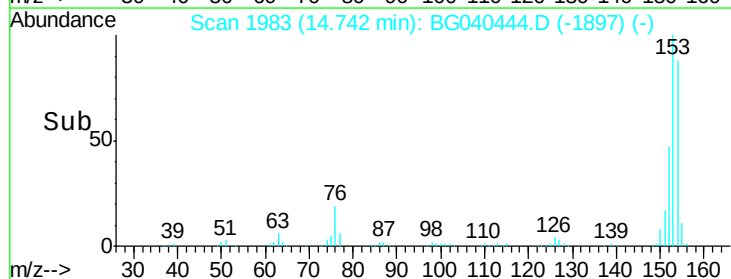
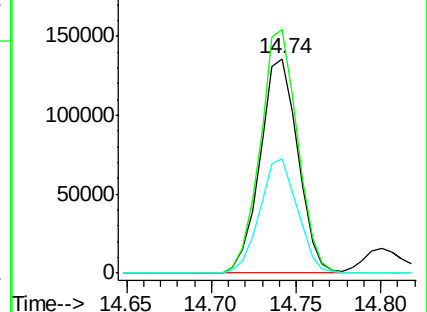
152 53.4 43.4 65.2

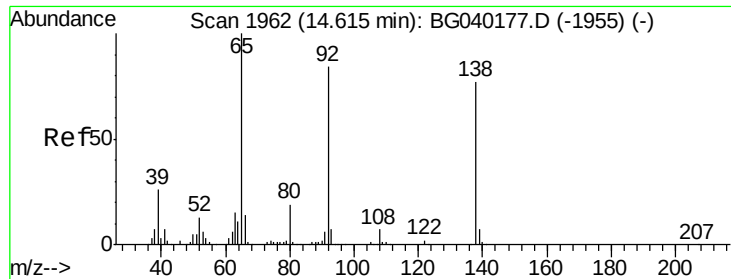


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.581 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

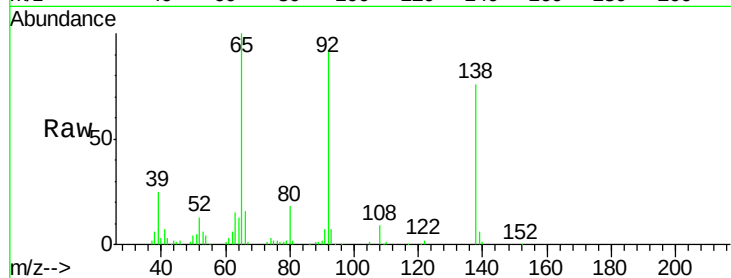
Tot Ion:138 Resp: 60358

Ion Ratio Lower Upper

138 100

108 12.2 7.8 11.8#

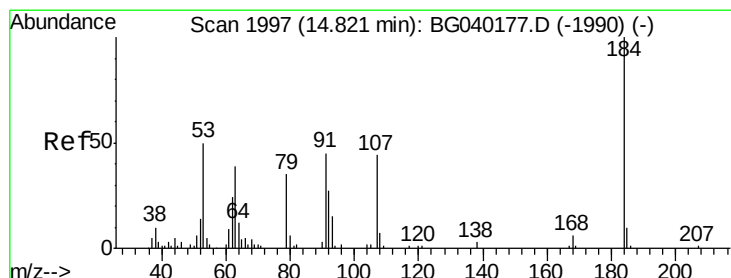
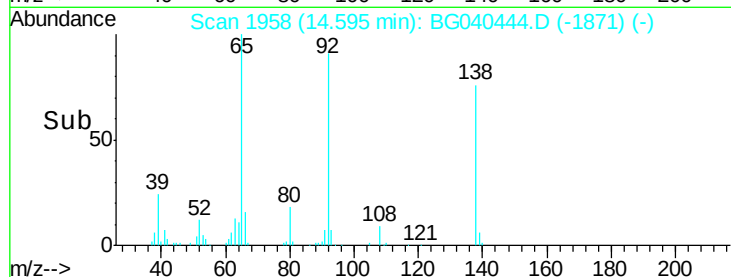
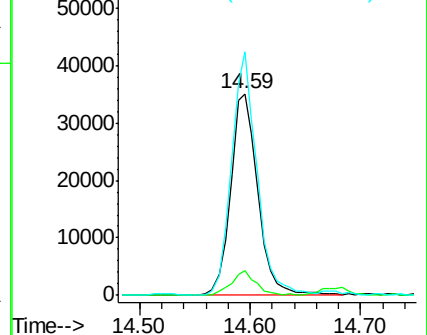
92 120.7 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 55.063 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

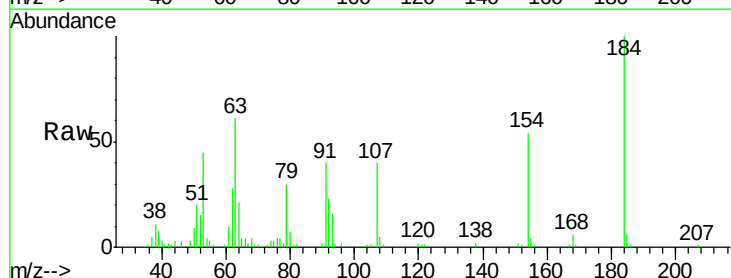
Tgt Ion:184 Resp: 52873

Ion Ratio Lower Upper

184 100

63 60.6 51.8 77.8

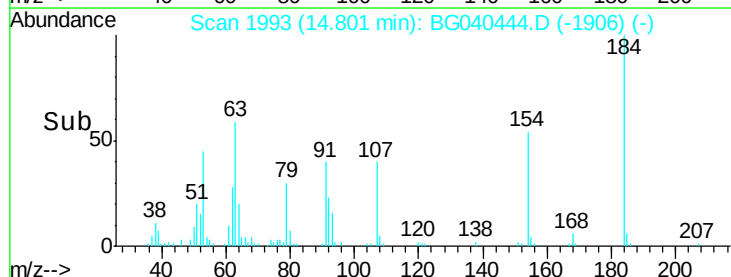
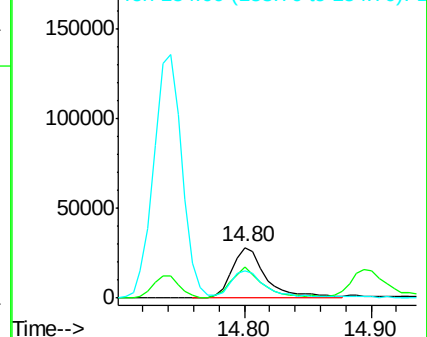
154 54.2 50.9 76.3

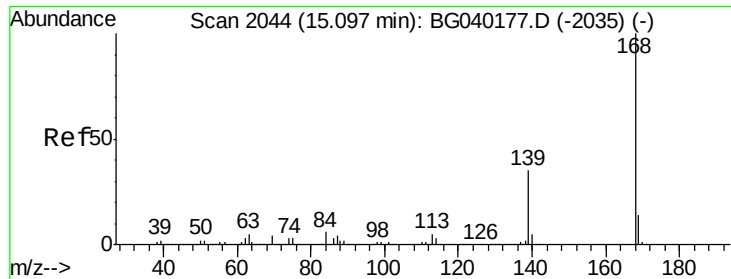


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

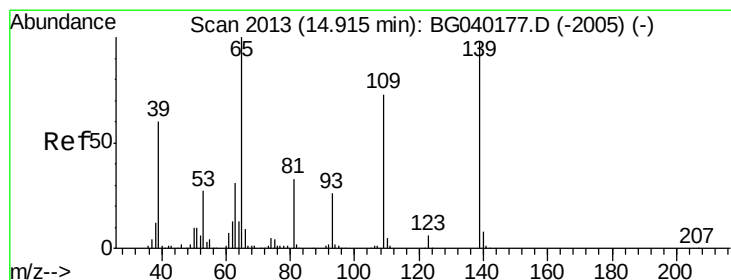
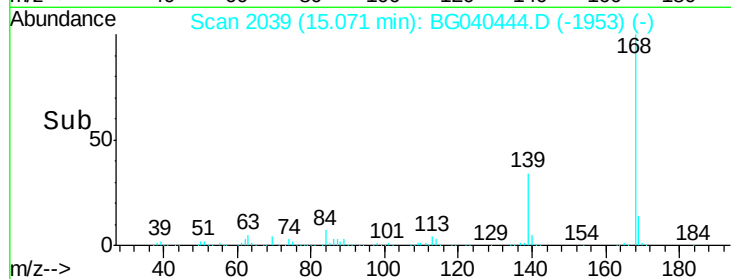
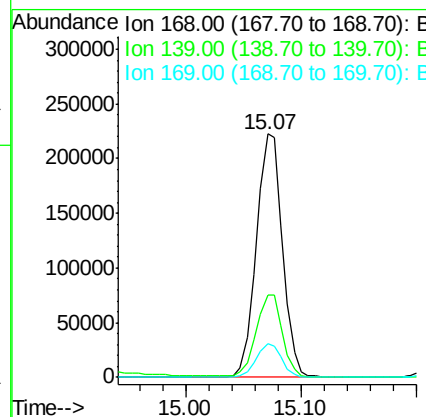
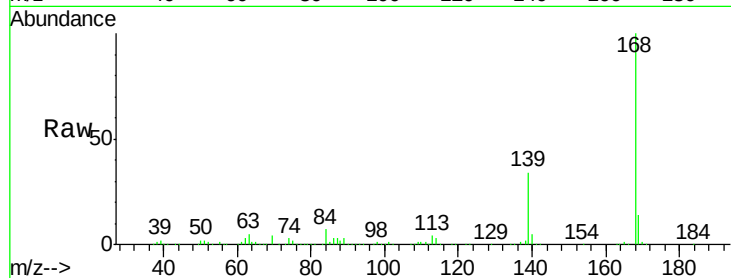




#55
Dibenzenofuran
Concen: 36.037 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

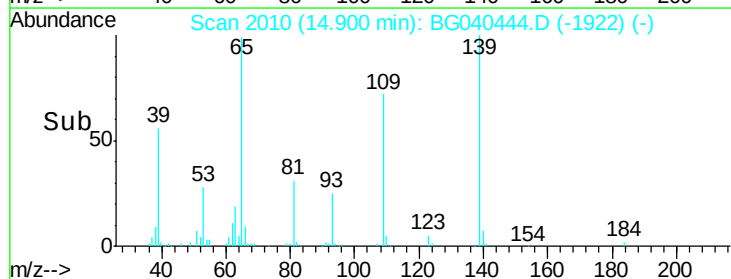
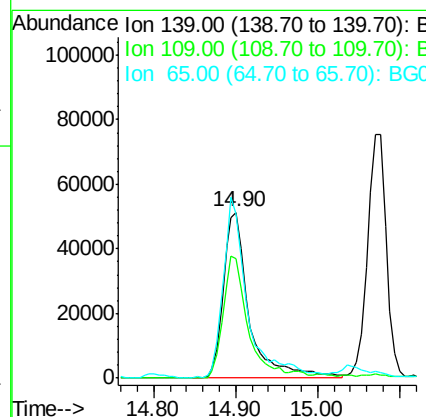
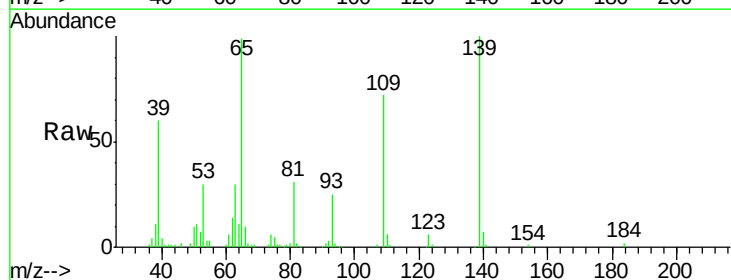
Instrument :
BNA_G
ClientSampleId :

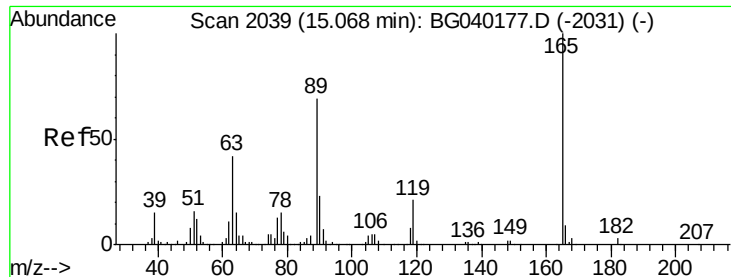
Tot Ion:168 Resp: 350333
Ion Ratio Lower Upper
168 100
139 33.8 27.9 41.9
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 73.302 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:139 Resp: 113070
Ion Ratio Lower Upper
139 100
109 72.1 54.3 94.3
65 99.2 82.5 122.5

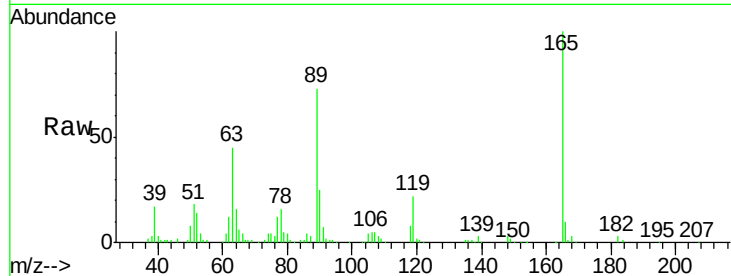




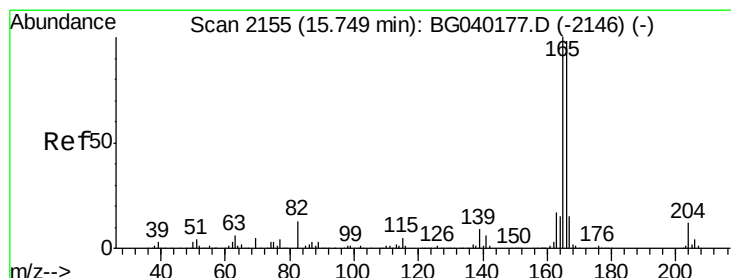
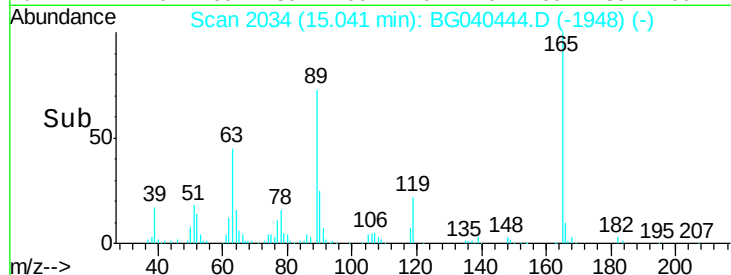
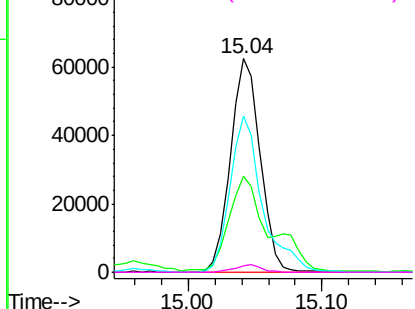
#57
2,4-Dinitrotoluene
Concen: 38.527 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 96658
Ion Ratio Lower Upper
165 100
63 45.1 33.8 50.6
89 72.9 55.4 83.2
182 3.0 2.2 3.4

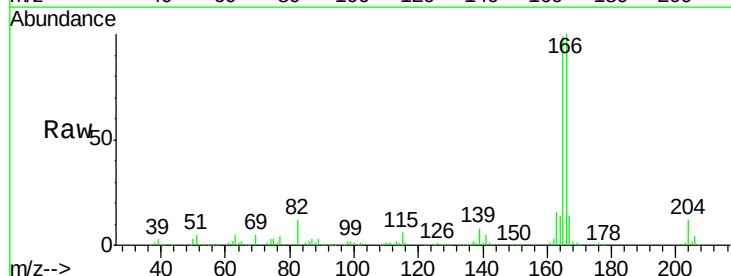


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

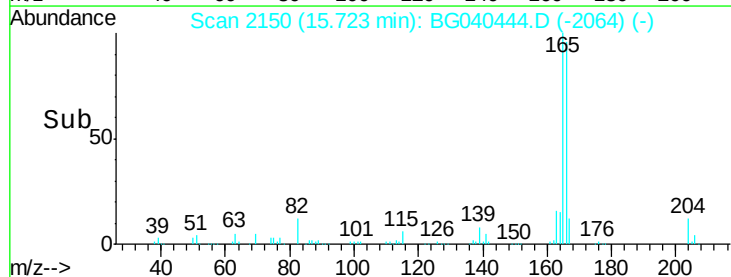
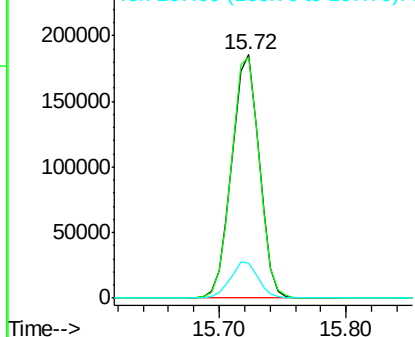


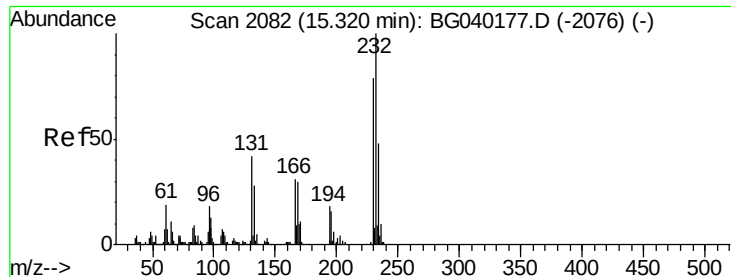
#58
Fluorene
Concen: 36.280 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:166 Resp: 277288
Ion Ratio Lower Upper
166 100
165 99.0 81.7 122.5
167 14.2 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

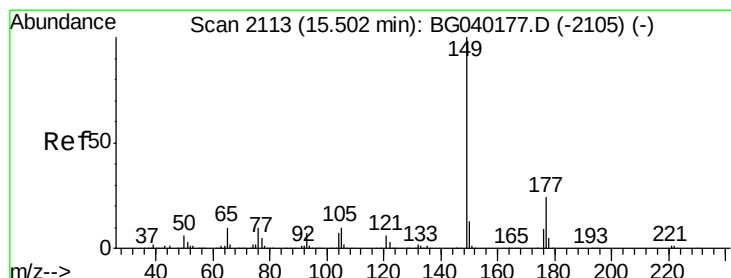
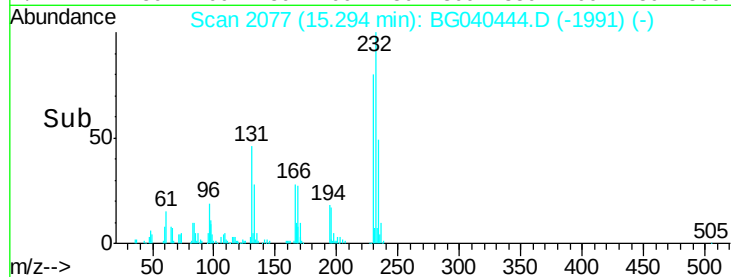
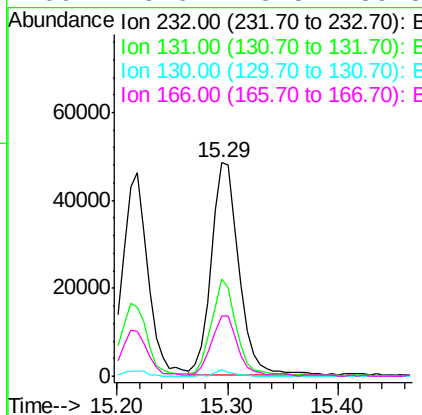
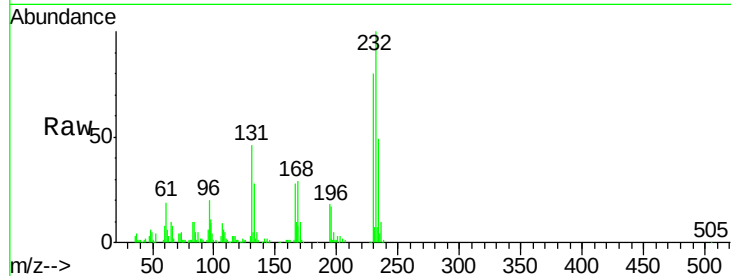




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.157 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

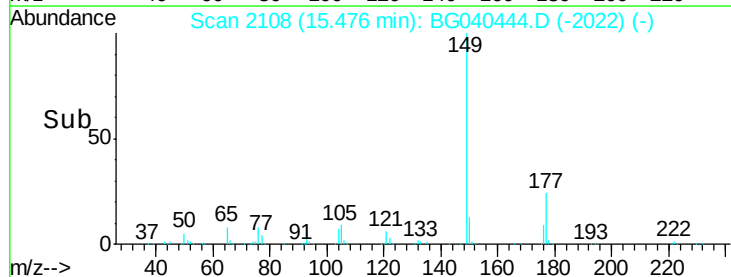
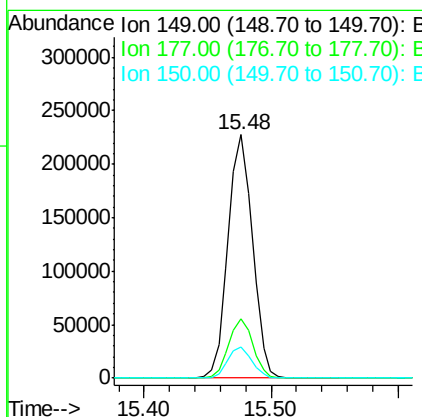
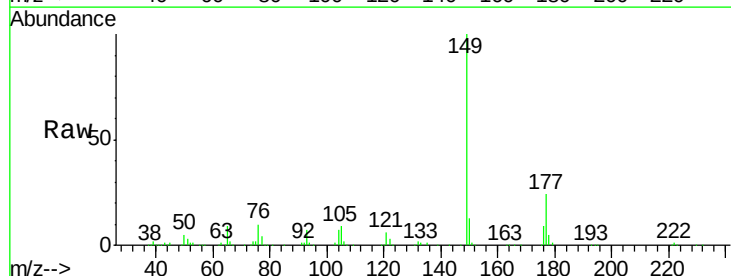
Instrument :
 BNA_G
 ClientSampleId :

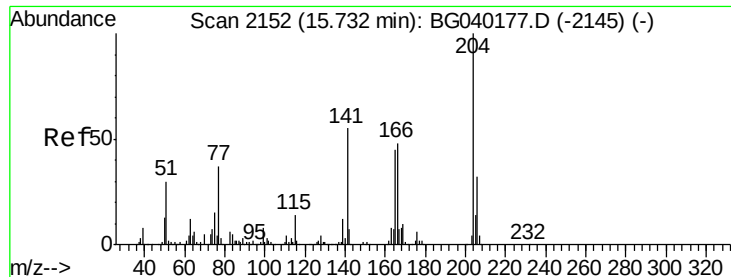
Tot Ion:232	Resp:	83626
Ion Ratio	Lower	Upper
232	100	
131	41.1	32.9 49.3
130	2.1	1.8 2.8
166	25.6	23.5 35.3



#60
 Diethylphthalate
 Concen: 36.896 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion:149	Resp:	303604
Ion Ratio	Lower	Upper
149	100	
177	24.1	19.1 28.7
150	12.8	10.6 15.8

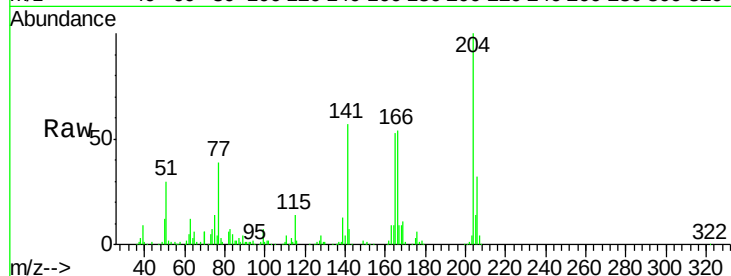




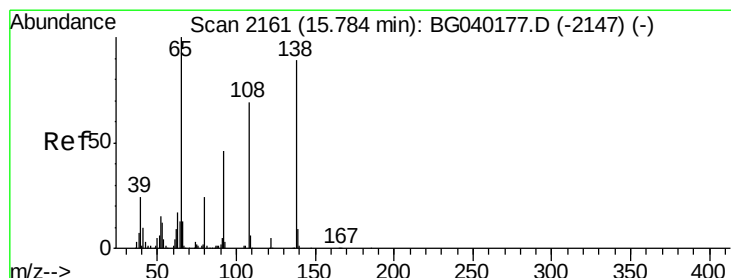
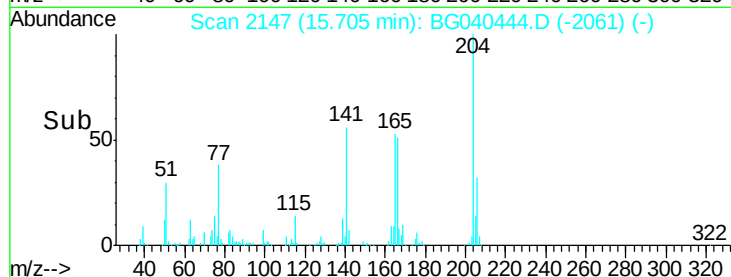
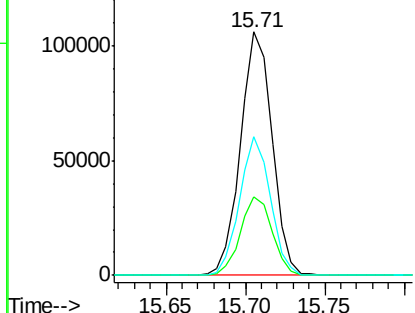
#61
4-Chlorophenyl-phenylether
Concen: 36.087 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 147430
Ion Ratio Lower Upper
204 100
206 32.5 25.7 38.5
141 56.8 44.0 66.0

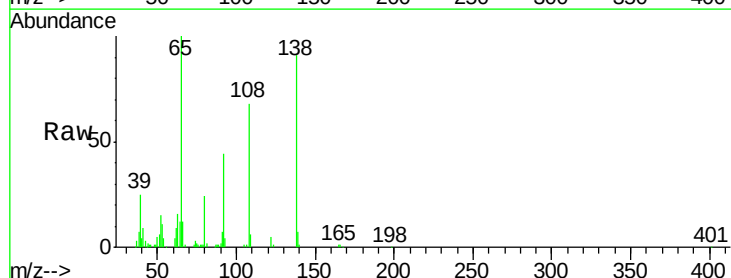


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

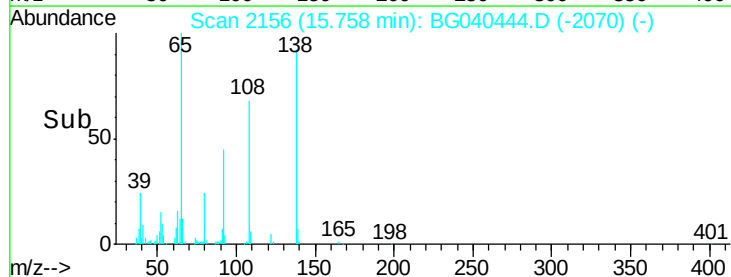
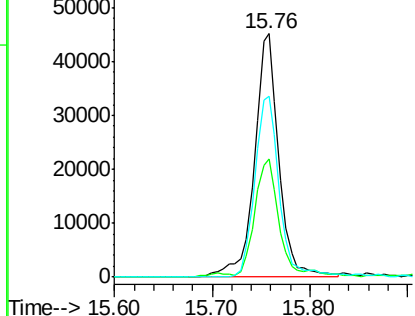


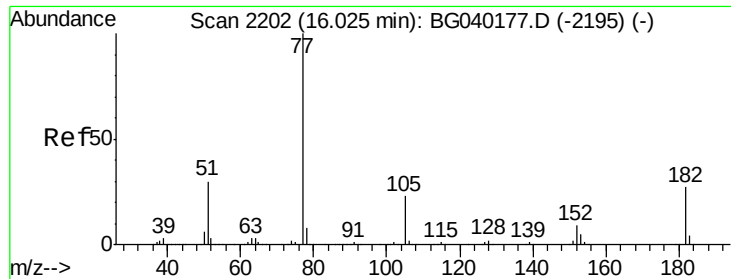
#62
4-Nitroaniline
Concen: 38.997 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:138 Resp: 79985
Ion Ratio Lower Upper
138 100
92 48.5 31.8 71.8
108 74.3 57.2 97.2



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

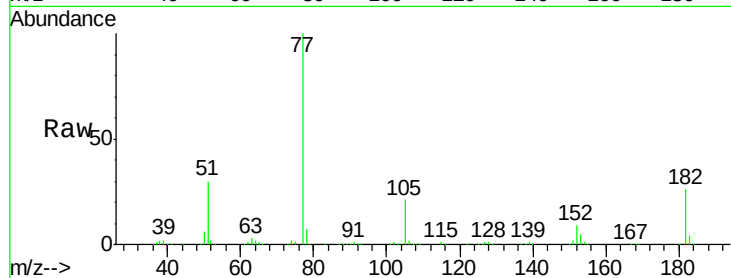




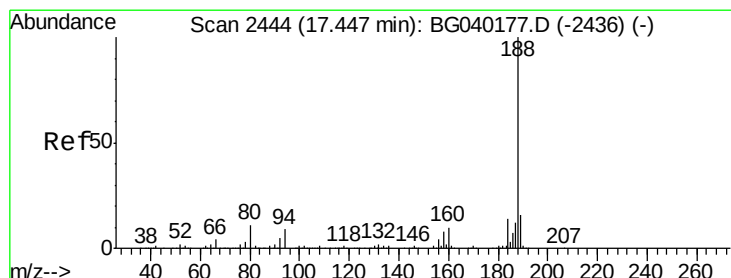
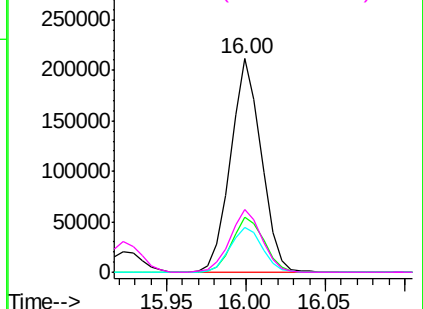
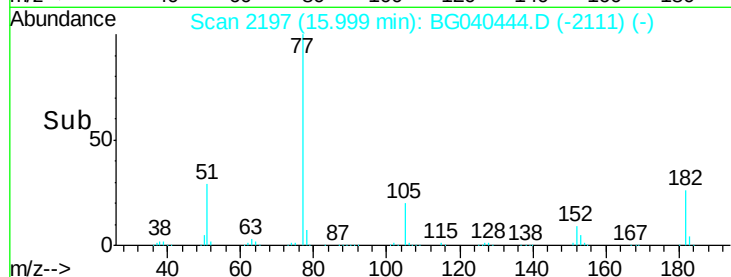
#63
Azobenzene
Concen: 36.685 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 284737
Ion Ratio Lower Upper
77 100
182 25.8 7.2 47.2
105 21.2 2.8 42.8
51 29.6 10.4 50.4

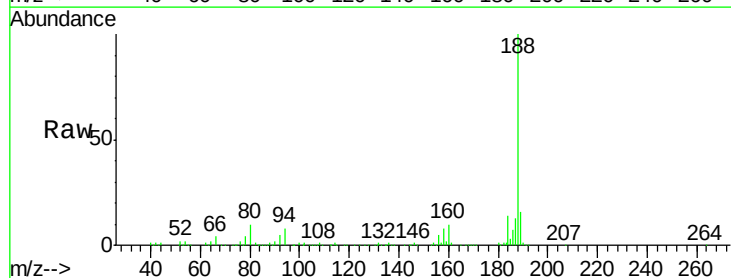


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

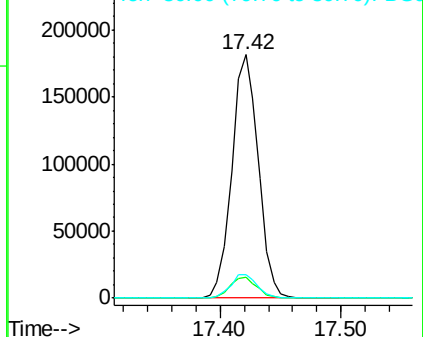
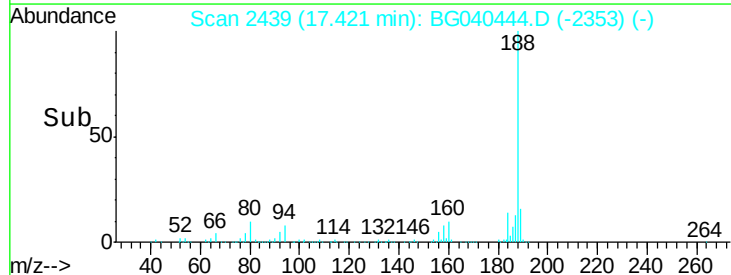


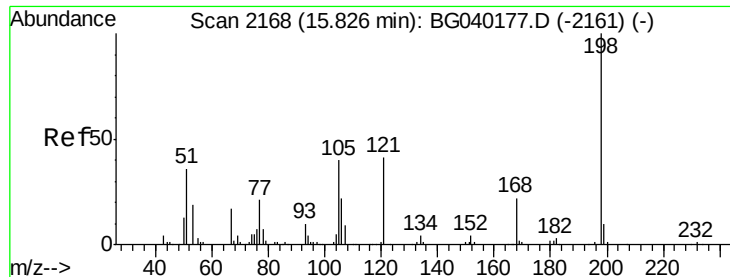
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion: 188 Resp: 276872
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 9.8 8.6 13.0



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: 32.621 ng

RT: 15.81 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

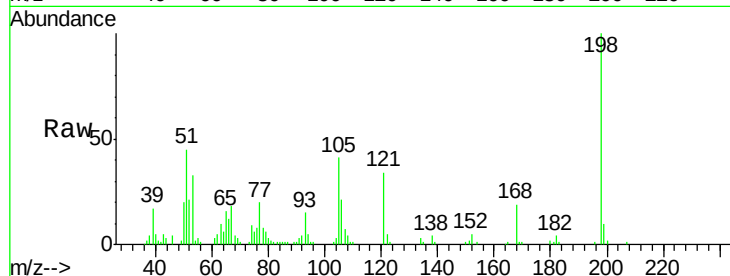
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 50743

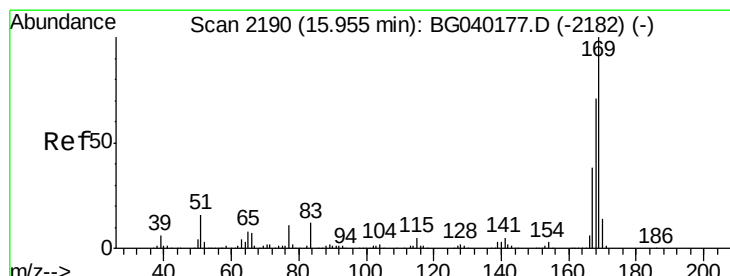
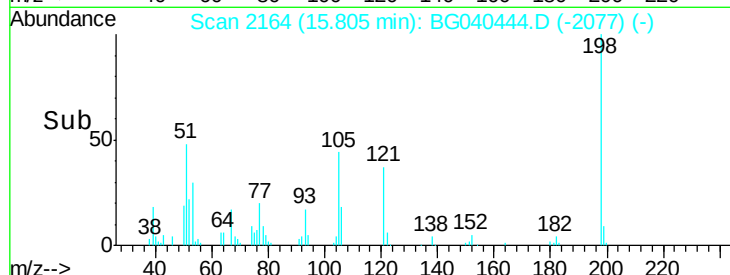
Ion	Ratio	Lower	Upper
198	100		
51	44.7	27.3	67.3
105	40.7	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.955 ng

RT: 15.92 min Scan# 2184

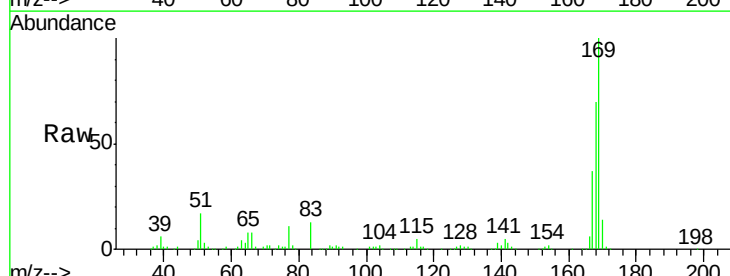
Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Tgt Ion:169 Resp: 267000

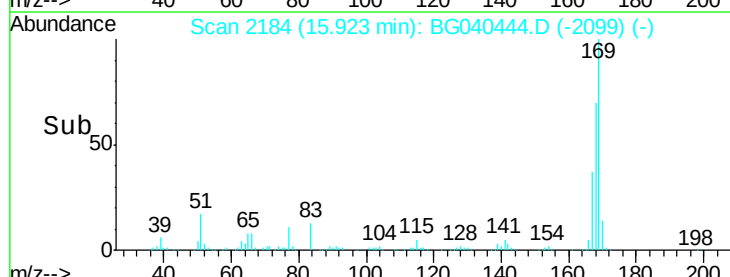
Ion	Ratio	Lower	Upper
169	100		
168	69.9	56.8	85.2
167	37.1	30.2	45.4

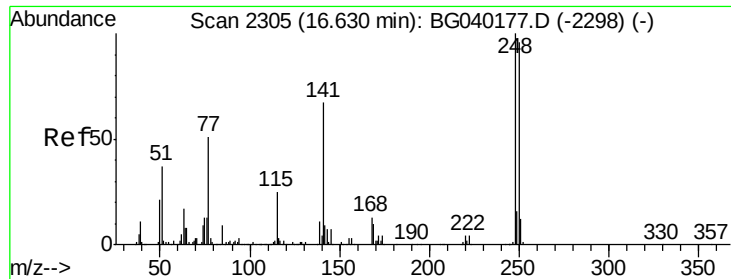


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

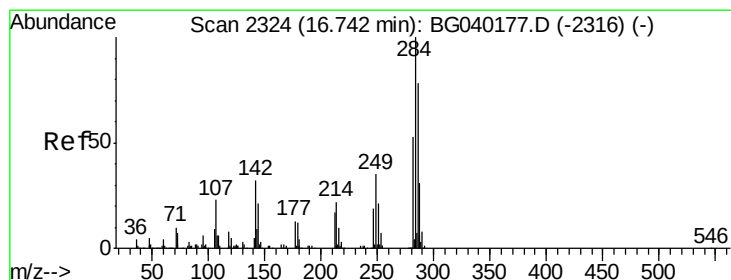
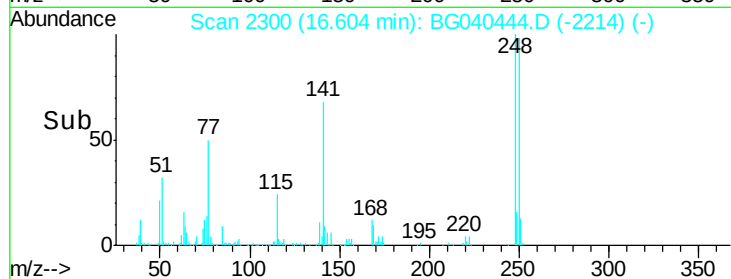
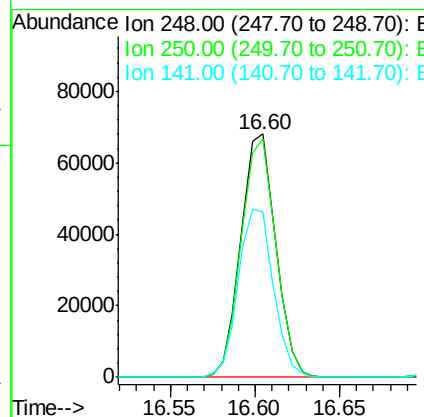
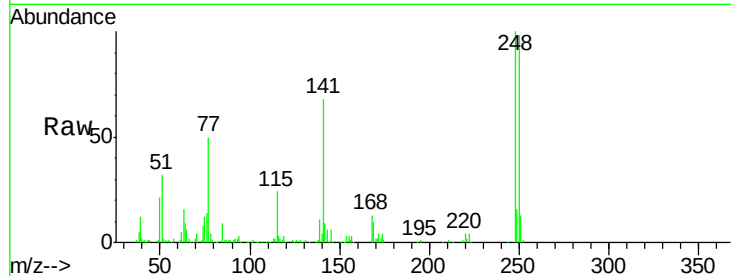




#67
4-Bromophenyl-phenylether
Concen: 31.559 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

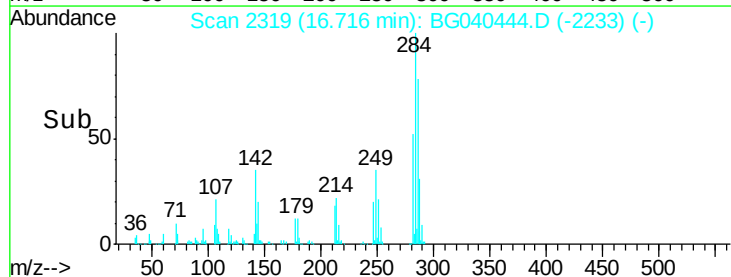
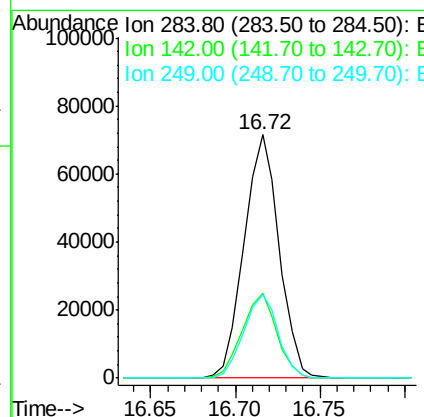
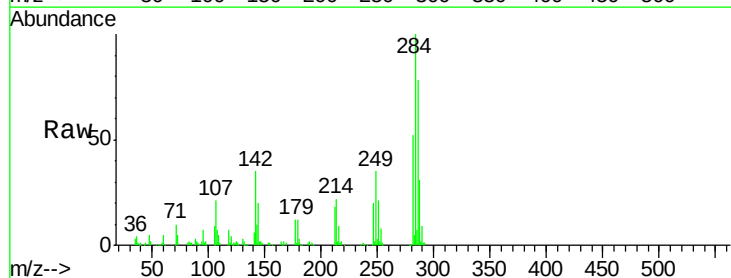
Instrument :
BNA_G
ClientSampled :

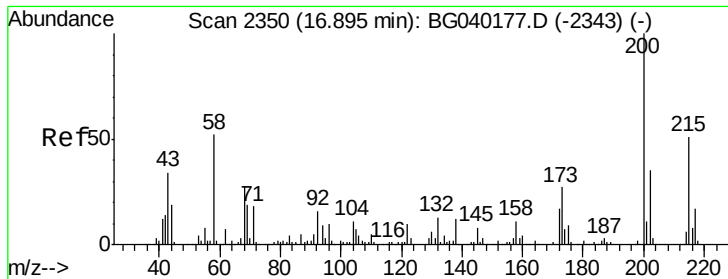
Tot Ion:248 Resp: 98332
Ion Ratio Lower Upper
248 100
250 97.8 76.4 114.6
141 67.9 53.8 80.8



#68
Hexachlorobenzene
Concen: 32.878 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:284 Resp: 102998
Ion Ratio Lower Upper
284 100
142 34.8 25.3 37.9
249 34.6 28.2 42.2





#69

Atrazine

Concen: 36.076 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

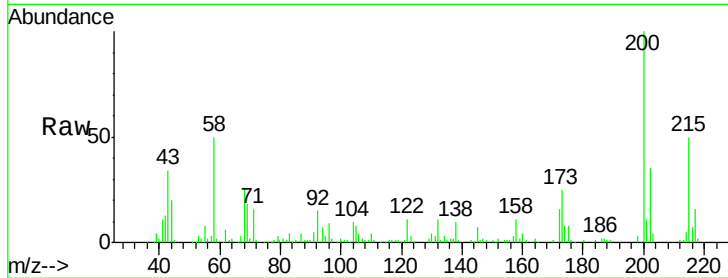
Tot Ion:200 Resp: 108728

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

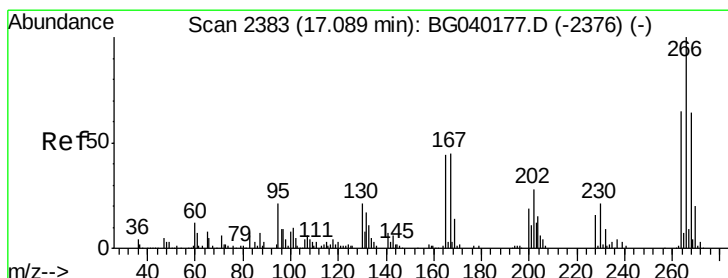
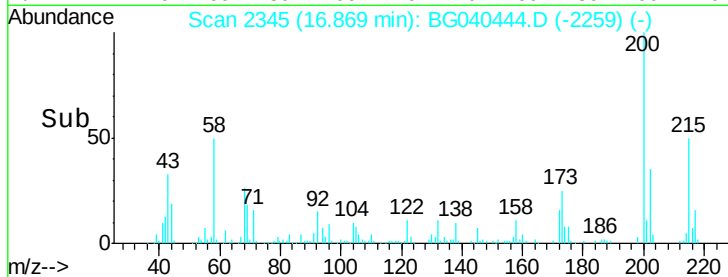
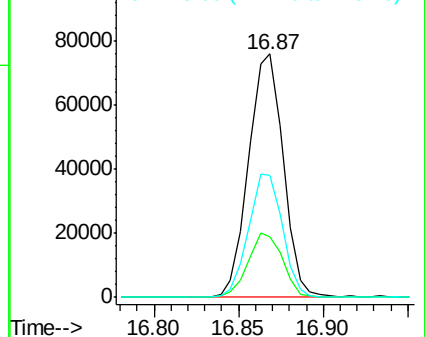
215 50.0 30.9 70.9



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: 59.575 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

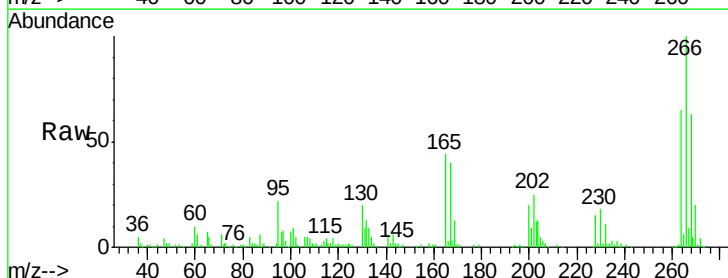
Tgt Ion:266 Resp: 107901

Ion Ratio Lower Upper

266 100

268 62.5 55.0 82.4

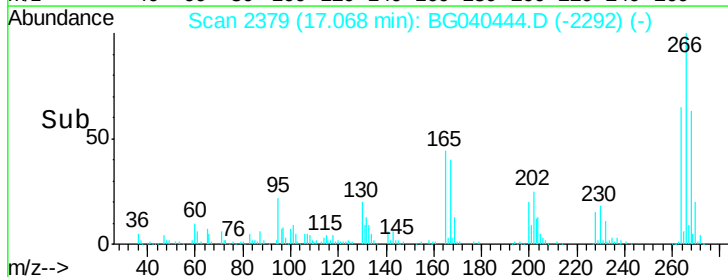
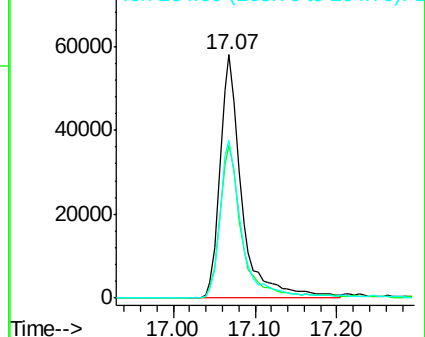
264 64.6 51.8 77.8

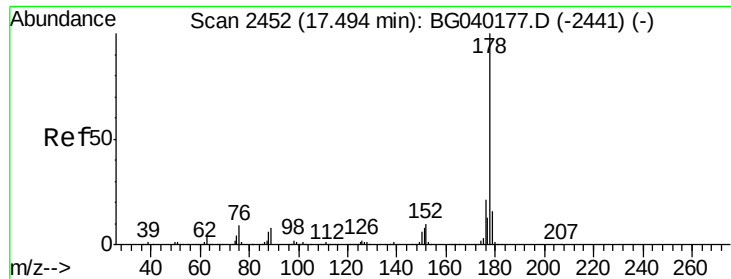


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.370 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

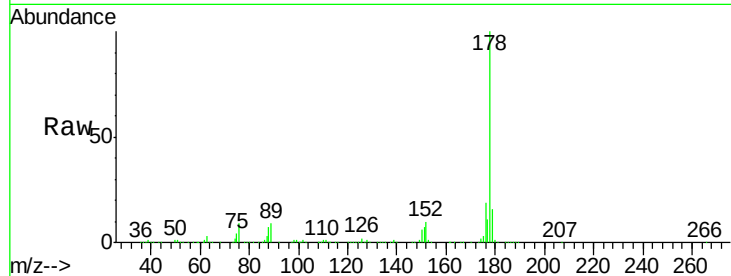
Tot Ion:178 Resp: 514730

Ion Ratio Lower Upper

178 100

176 19.4 16.7 25.1

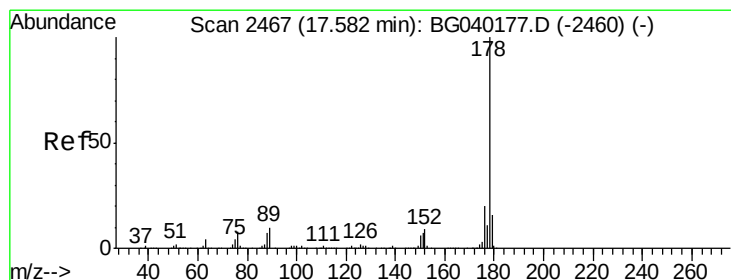
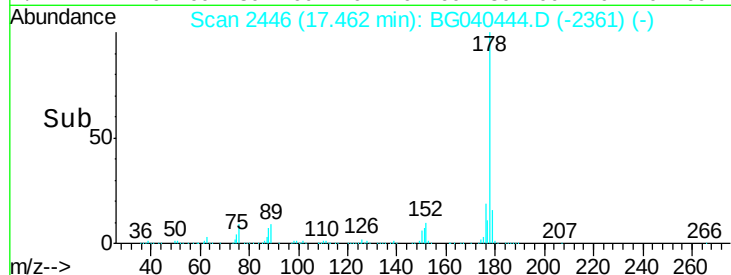
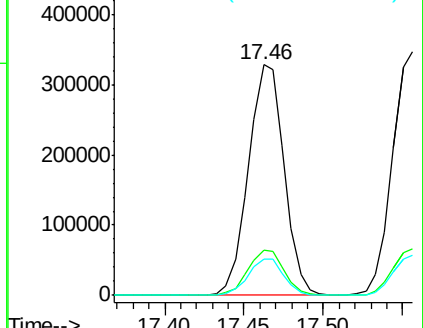
179 15.8 12.8 19.2



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: 36.660 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

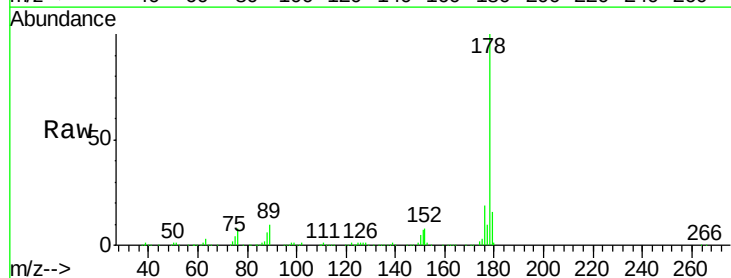
Tgt Ion:178 Resp: 533998

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

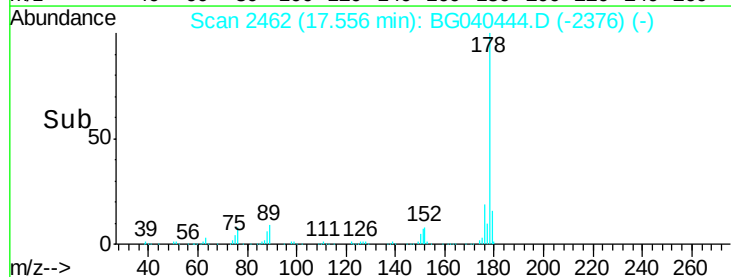
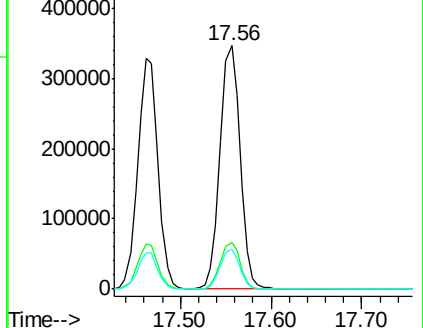
179 16.3 12.9 19.3

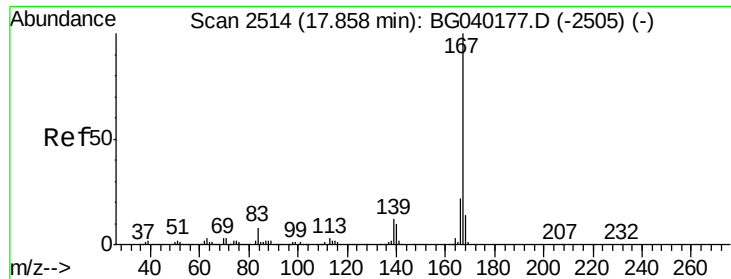


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.955 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

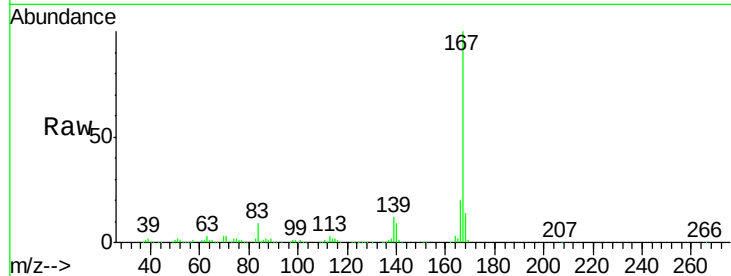
Tot Ion:167 Resp: 523222

Ion Ratio Lower Upper

167 100

166 20.5 17.5 26.3

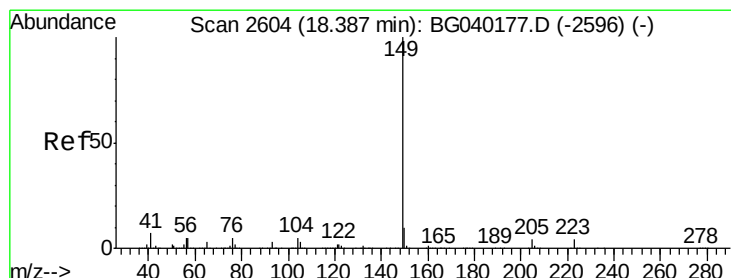
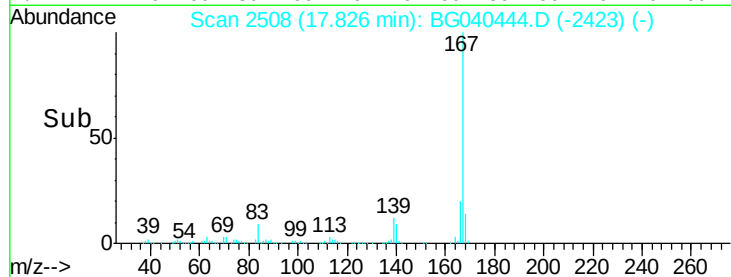
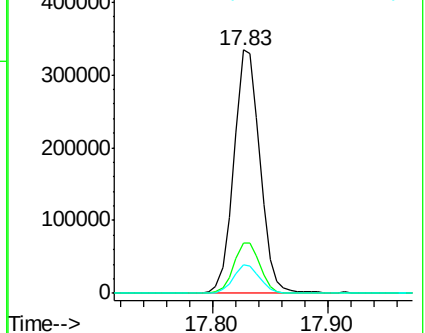
139 11.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.479 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

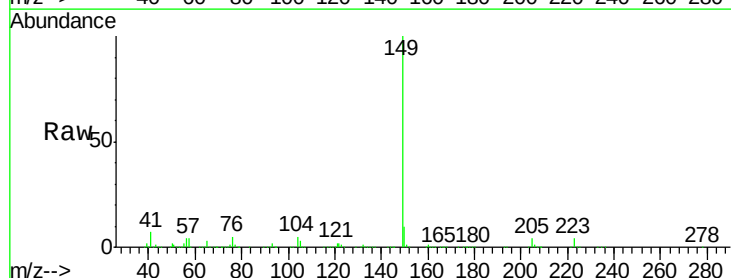
Tgt Ion:149 Resp: 628763

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

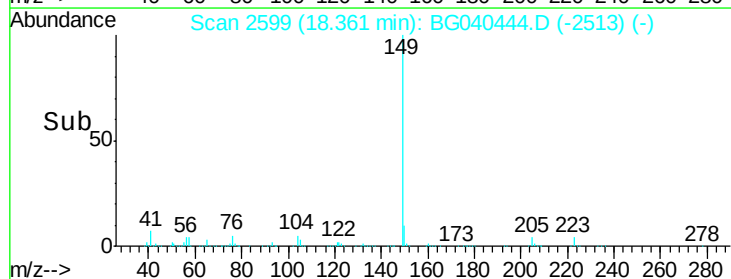
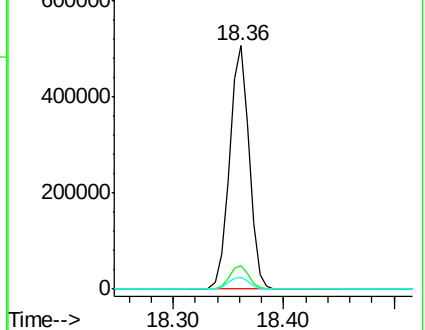
104 5.0 4.1 6.1

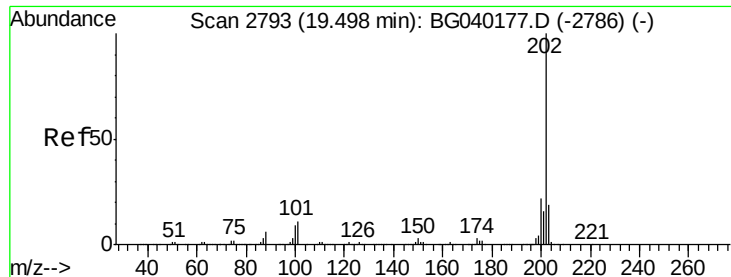


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.406 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

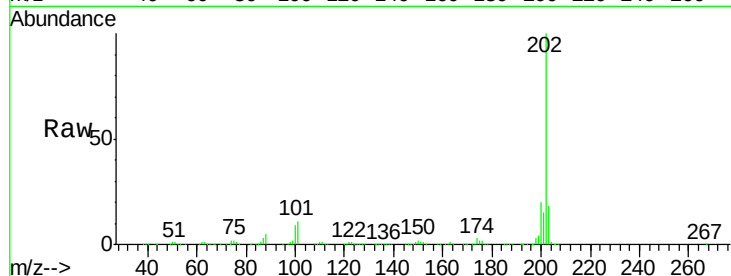
Tot Ion:202 Resp: 696298

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

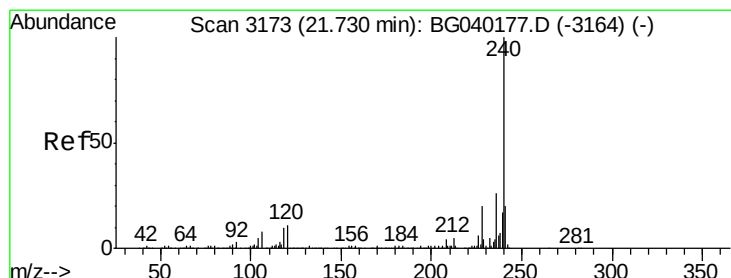
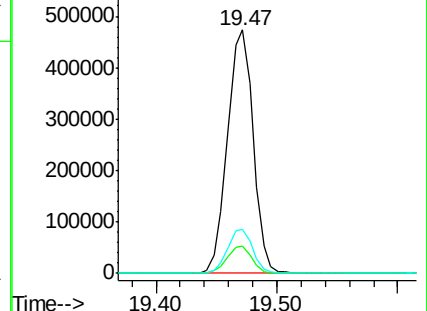
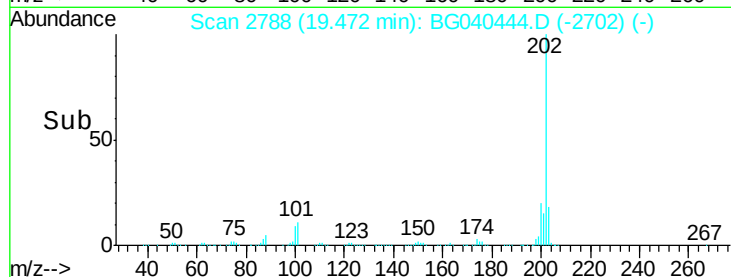
203 17.9 0.0 38.9



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

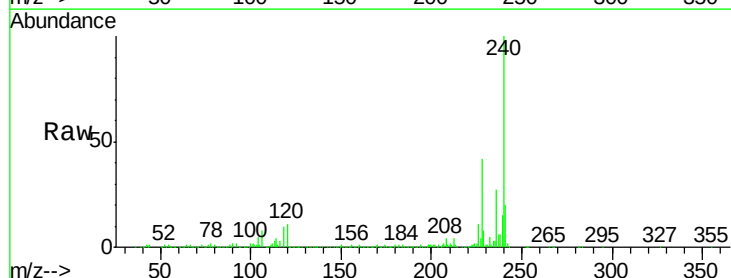
Tgt Ion:240 Resp: 325830

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

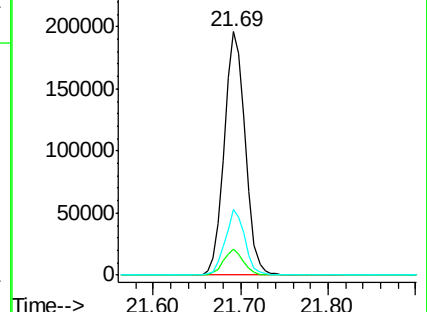
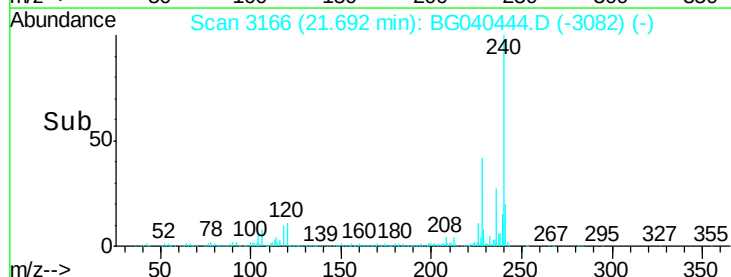
236 26.7 20.8 31.2

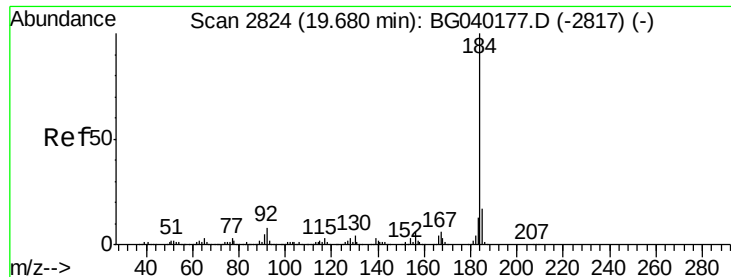


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.778 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

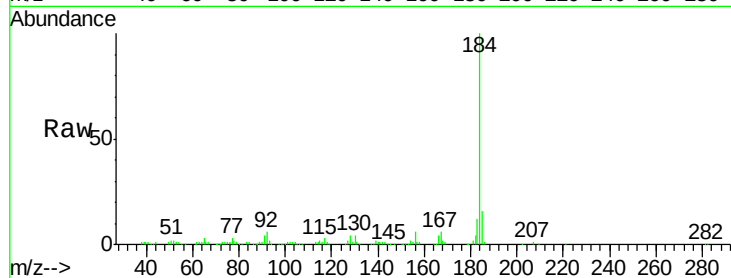
Tot Ion:184 Resp: 209180

Ion Ratio Lower Upper

184 100

185 15.8 13.3 19.9

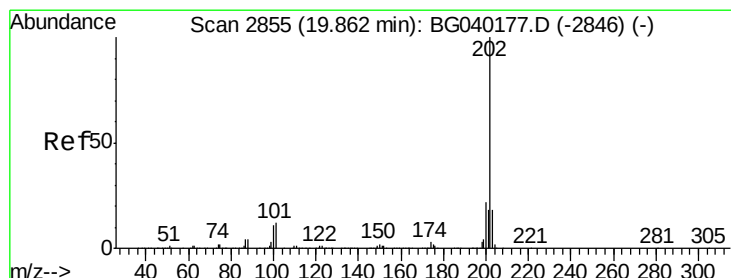
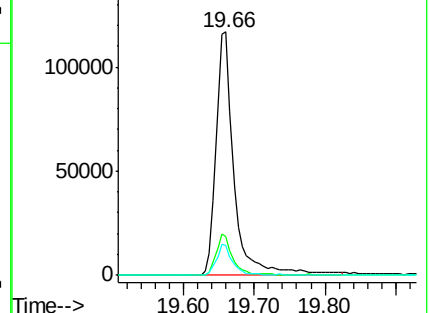
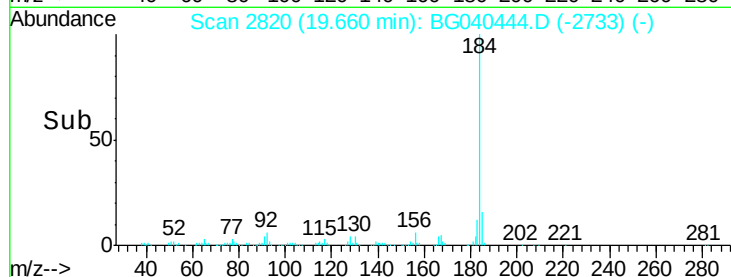
183 12.2 10.3 15.5



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: 33.137 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

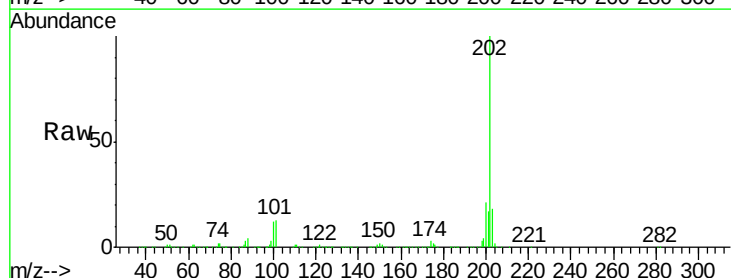
Tgt Ion:202 Resp: 710031

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

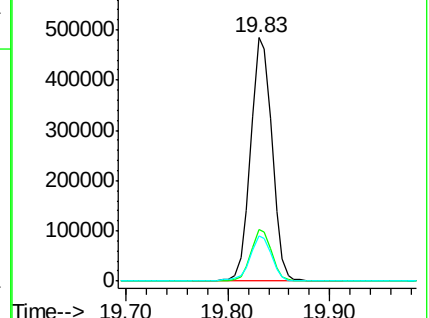
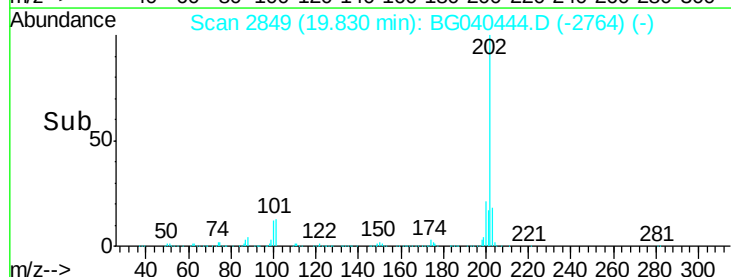
203 18.5 14.6 22.0

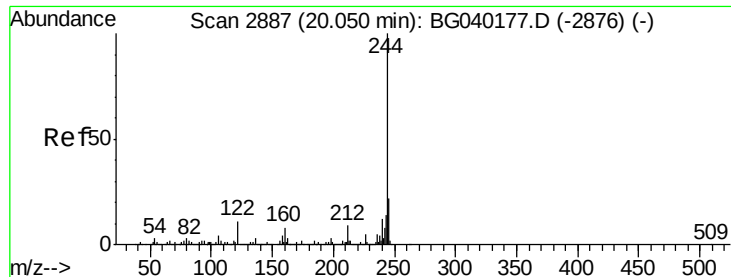


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.174 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

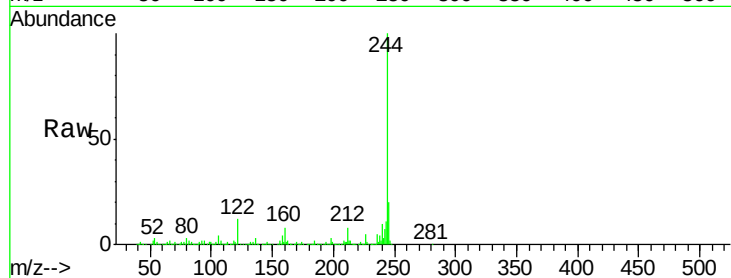
Tot Ion:244 Resp: 914980

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

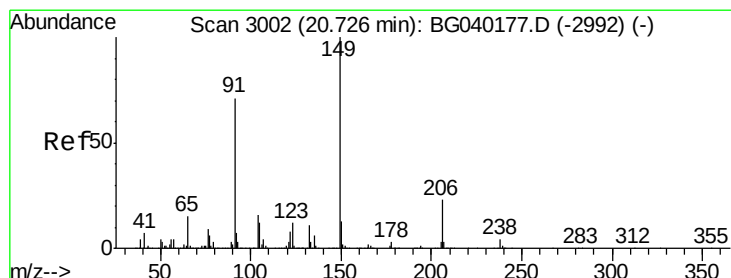
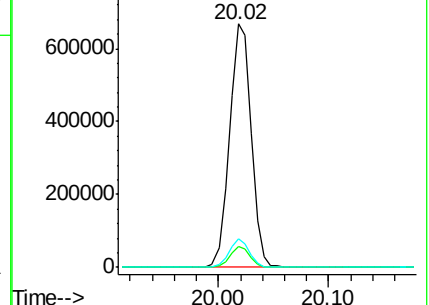
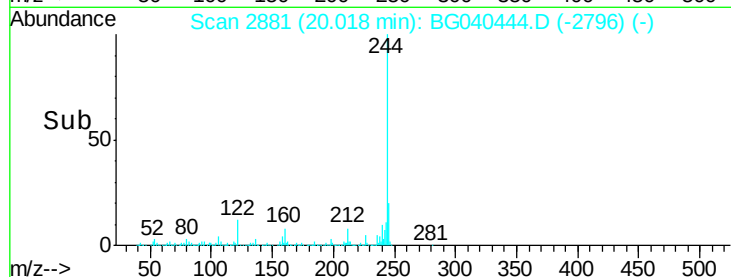
122 11.8 8.5 12.7



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: 34.738 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

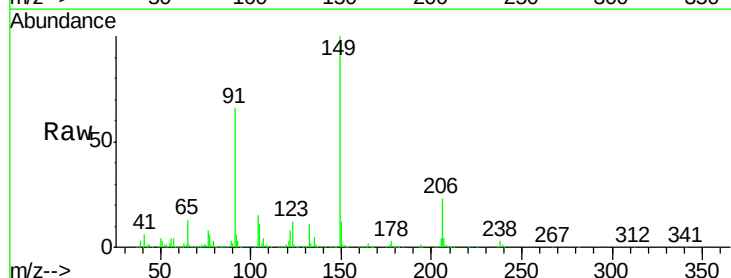
Tgt Ion:149 Resp: 318504

Ion Ratio Lower Upper

149 100

91 65.6 57.0 85.4

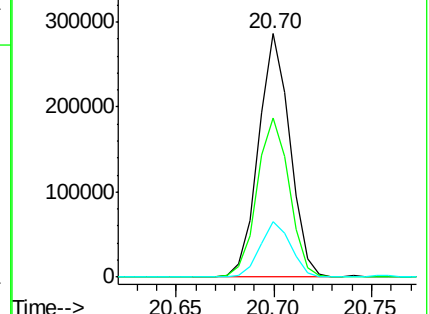
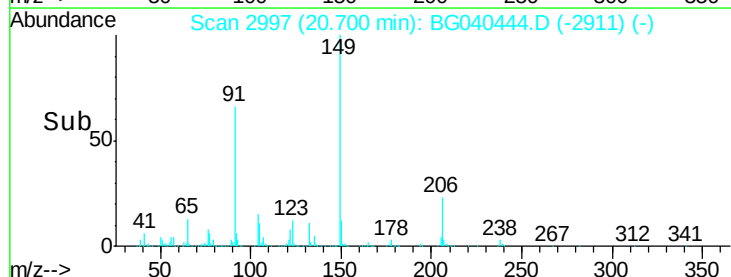
206 22.6 18.2 27.4

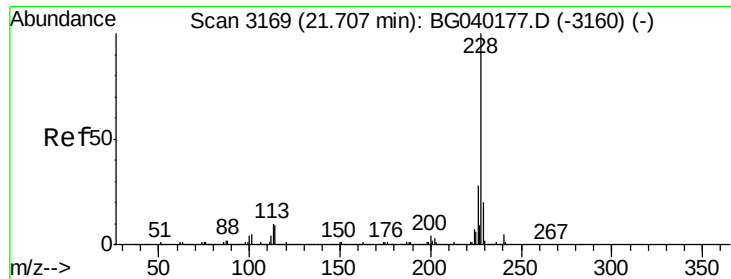


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

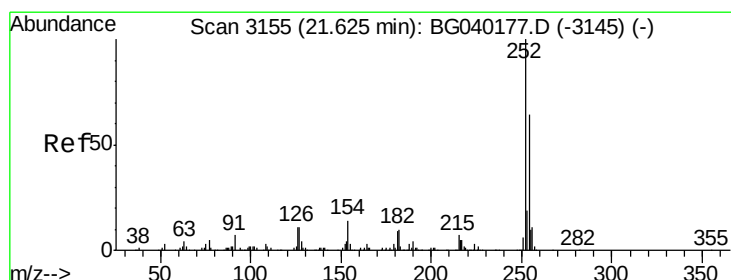
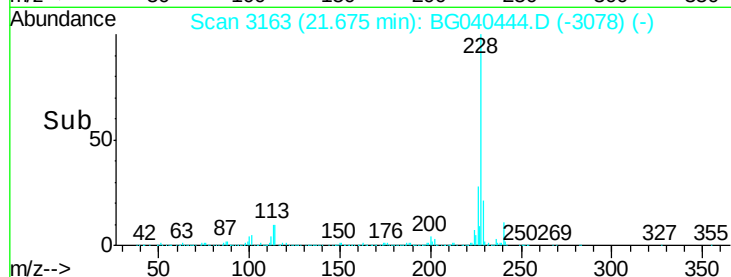
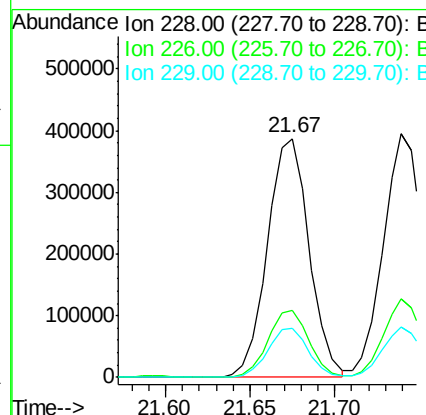
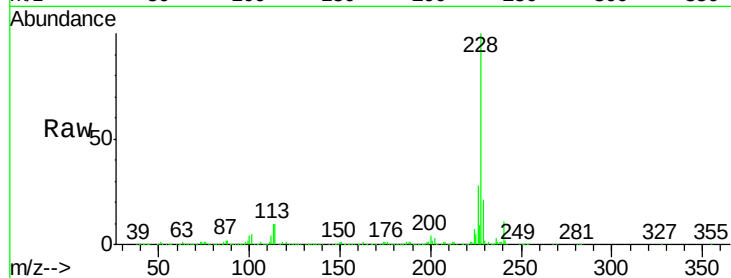




#81
Benzo(a)anthracene
Concen: 32.992 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

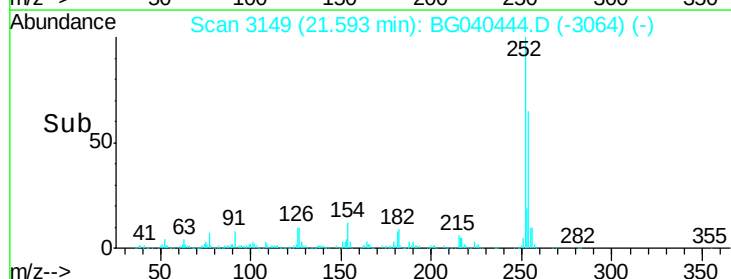
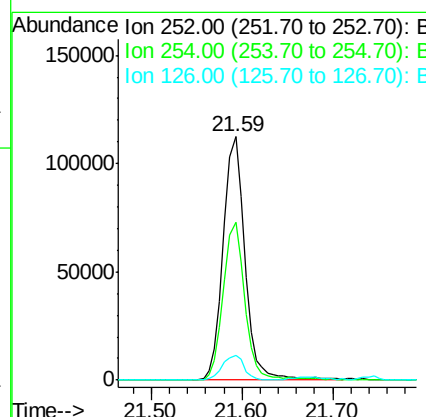
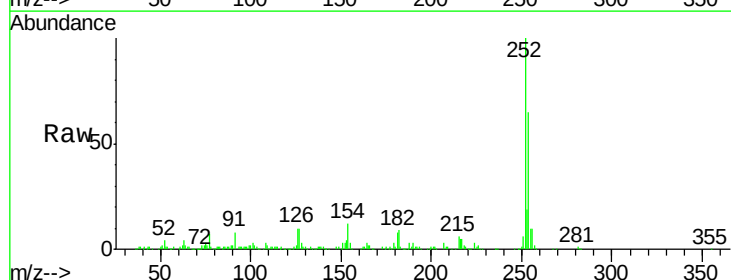
Instrument :
BNA_G
ClientSampled :

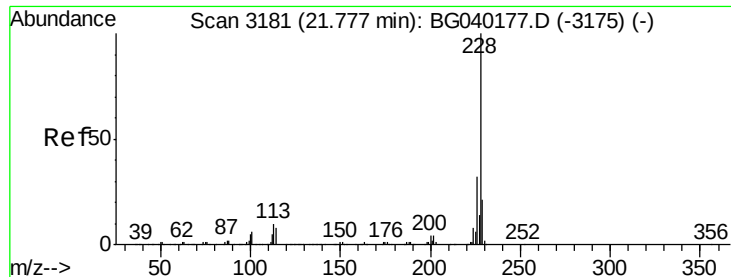
Tot Ion:228 Resp: 662129
Ion Ratio Lower Upper
228 100
226 28.2 22.6 34.0
229 20.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 24.627 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.03 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:252 Resp: 188016
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.0 8.5 12.7

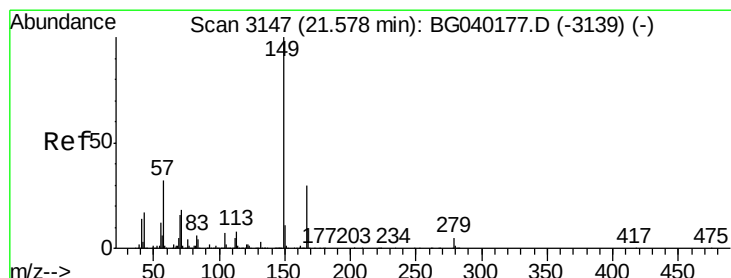
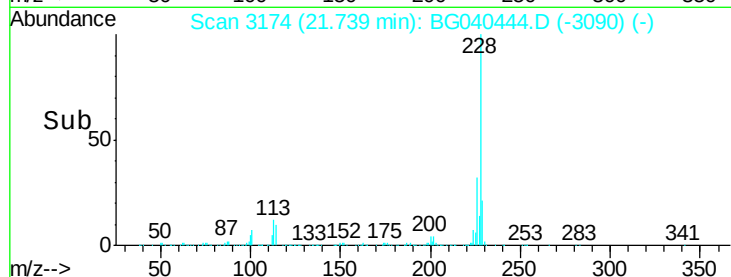
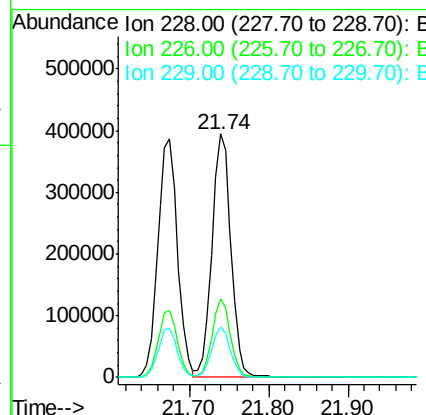
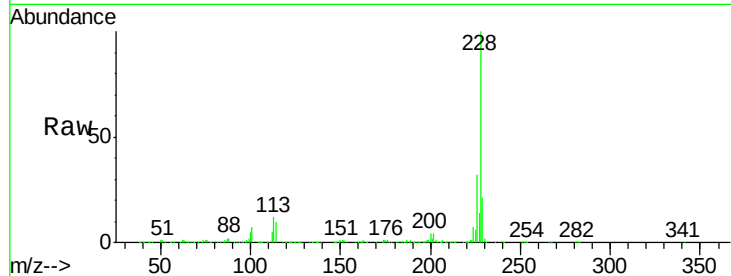




#83
 Chrysene
 Concen: 34.022 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.04 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

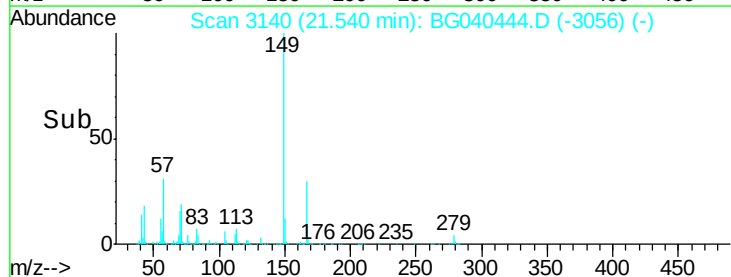
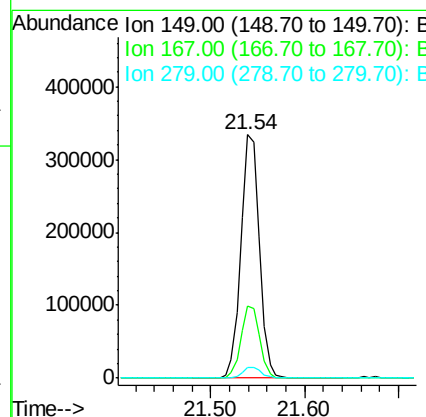
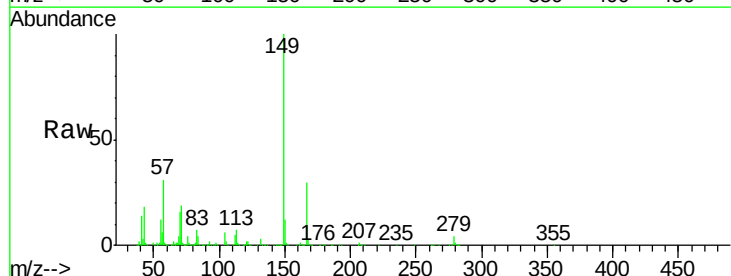
Instrument :
 BNA_G
 ClientSampleId :

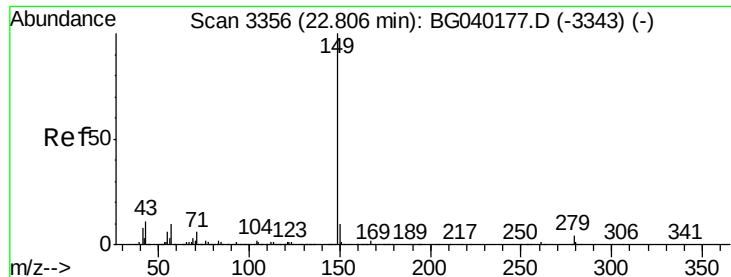
Tot Ion:228 Resp: 656204
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.4 38.0
 229 20.9 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.887 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG040444.D
 Acq: 11 Apr 2019 16:48

Tgt Ion:149 Resp: 457248
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.1 36.1
 279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 34.830 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

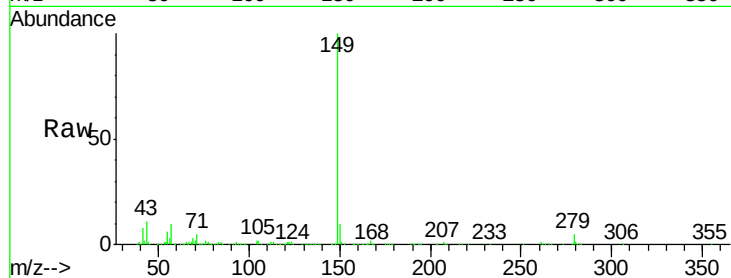
Tot Ion:149 Resp: 777779

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

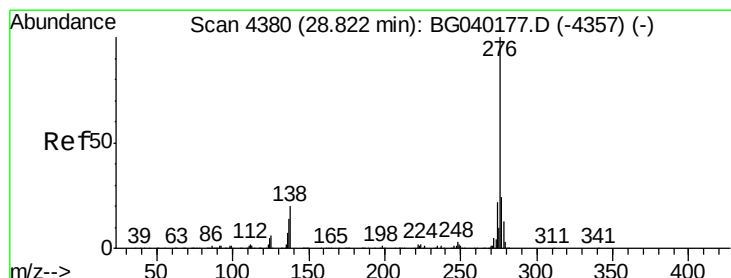
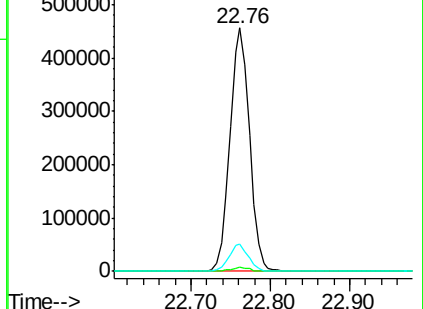
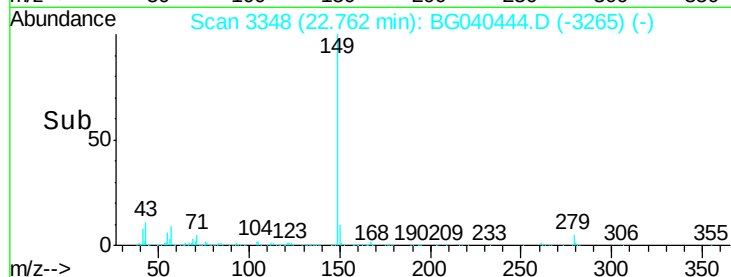
43 10.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.376 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.08 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

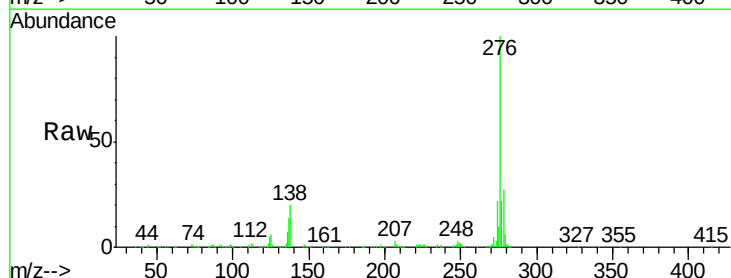
Tgt Ion:276 Resp: 787341

Ion Ratio Lower Upper

276 100

138 23.7 18.8 28.2

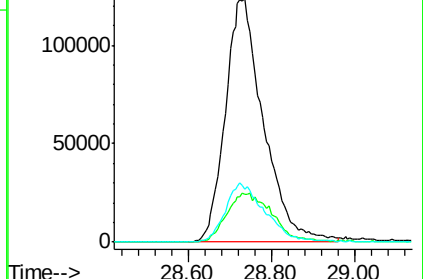
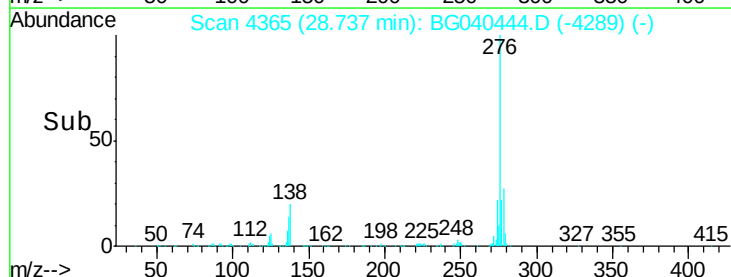
277 25.3 21.0 31.4

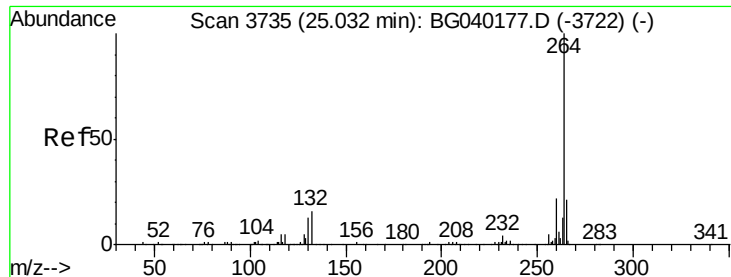


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

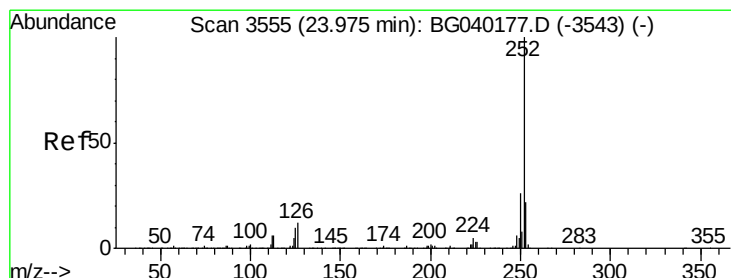
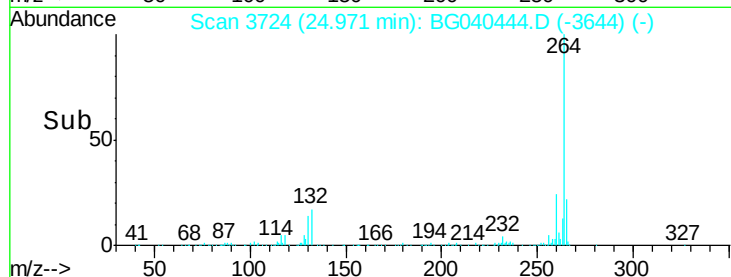
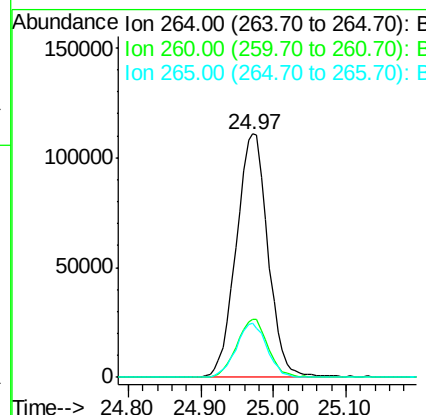
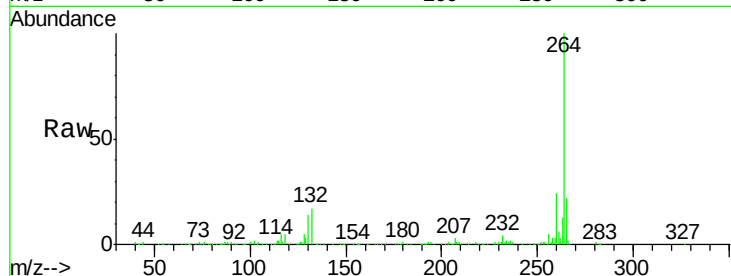




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

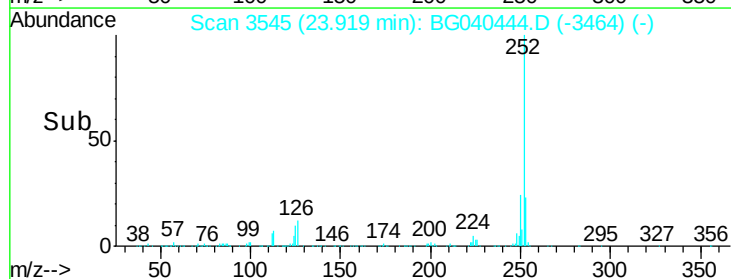
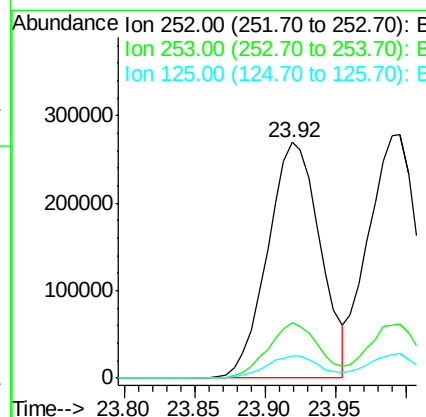
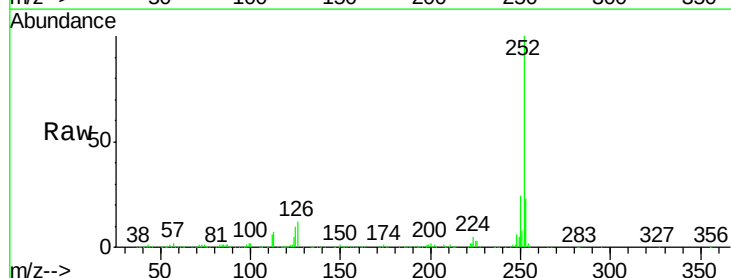
Instrument :
BNA_G
ClientSampled :

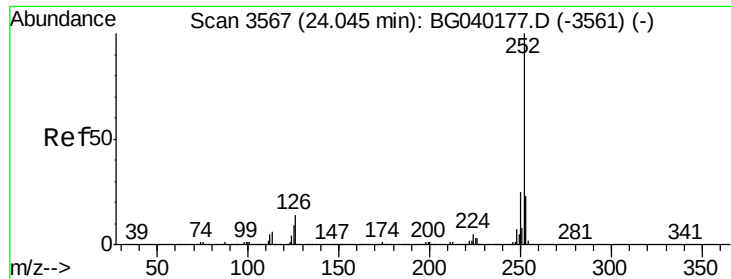
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.9	26.9
265	22.4	16.8	25.2



#88
Benzo(b)fluoranthene
Concen: 34.068 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	9.6	8.2	12.4

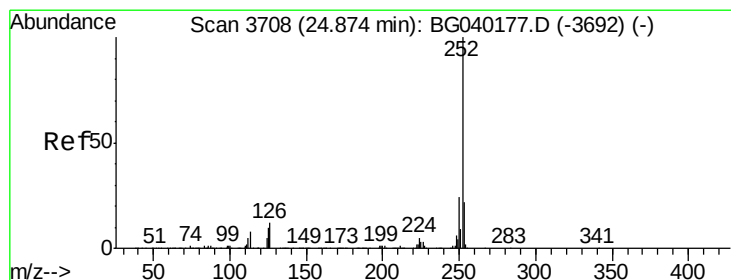
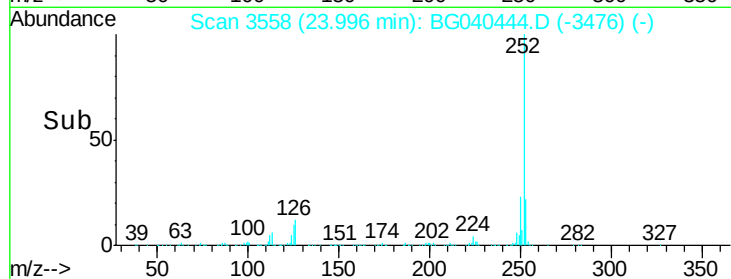
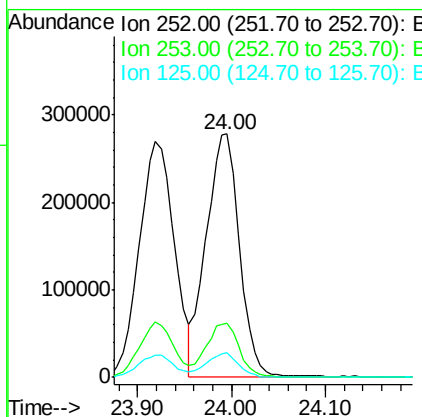
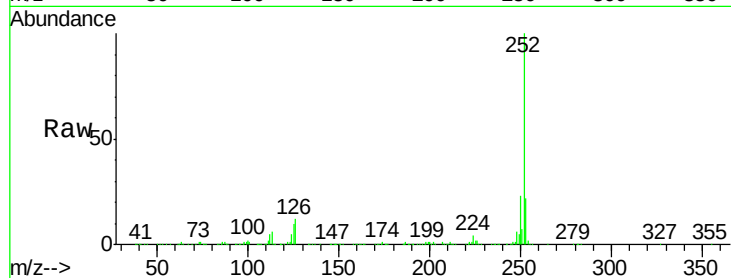




#89
Benzo(k)fluoranthene
Concen: 36.253 ng
RT: 24.00 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

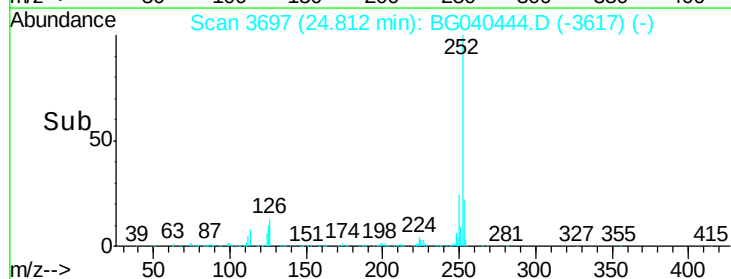
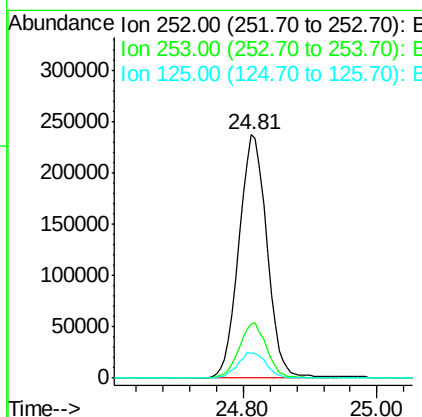
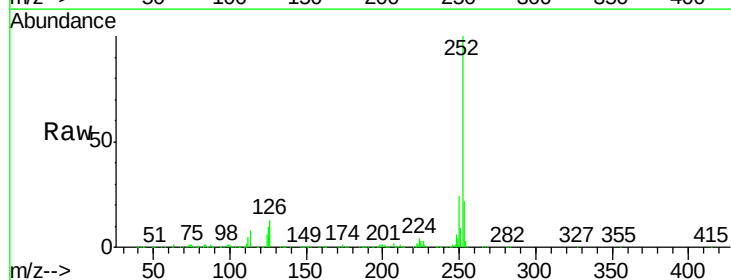
Instrument :
BNA_G
ClientSampleId :

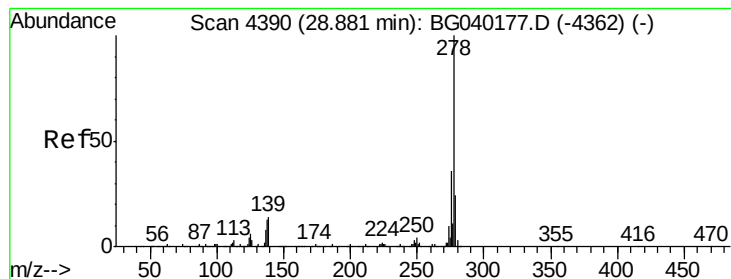
Tot Ion:252 Resp: 686331
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 35.695 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.06 min
Lab File: BG040444.D
Acq: 11 Apr 2019 16:48

Tgt Ion:252 Resp: 689472
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 10.3 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 35.791 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.10 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

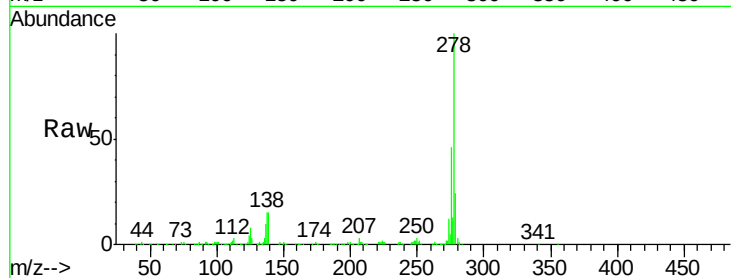
Tot Ion:278 Resp: 642077

Ion Ratio Lower Upper

278 100

139 15.0 11.2 16.8

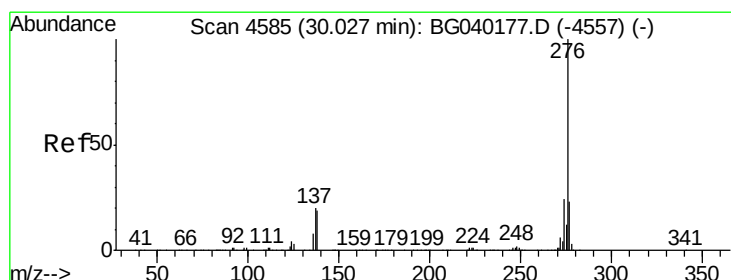
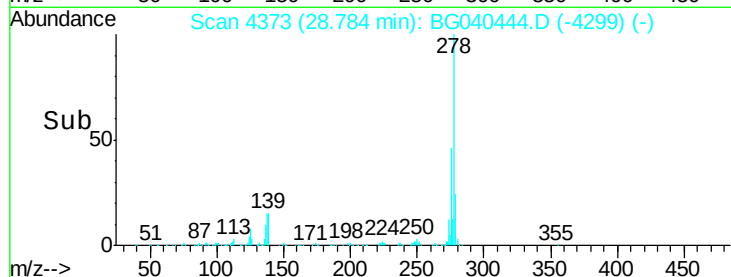
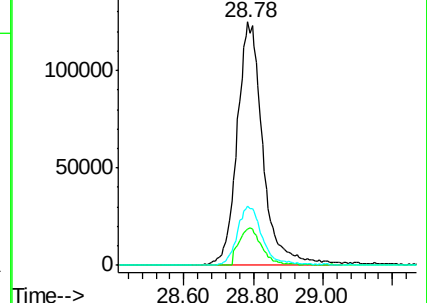
279 24.5 18.9 28.3



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: 34.875 ng

RT: 29.91 min Scan# 4564

Delta R.T. -0.12 min

Lab File: BG040444.D

Acq: 11 Apr 2019 16:48

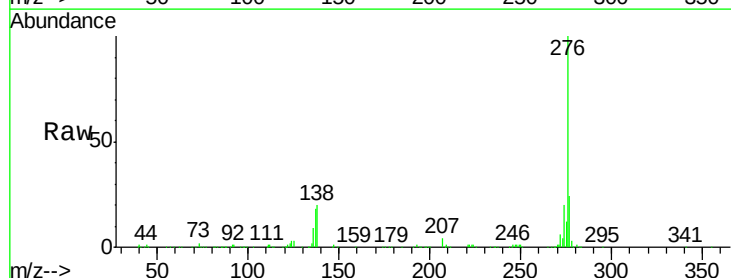
Tgt Ion:276 Resp: 642968

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 19.8 15.2 22.8



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

