

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040456.D
 Acq On : 12 Apr 2019 11:27
 Operator : JU/SJ
 Sample : PB118819BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:39:16 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	60190	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	249253	20.00	ng	-0.02
39) Acenaphthene-d10	14.67	164	165066	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	424050	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	416250	20.00	ng	-0.04
87) Perylene-d12	24.97	264	402139	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	493314	136.25	ng	-0.02
7) Phenol-d6	7.21	99	667341	133.37	ng	-0.02
23) Nitrobenzene-d5	9.22	82	357080	76.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	261261	146.45	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	815025	73.16	ng	-0.02
79) Terphenyl-d14	20.02	244	1379542	74.56	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	82880	48.682	ng	96
3) Pyridine	3.89	79	145281	31.694	ng	98
4) n-Nitrosodimethylamine	3.82	42	81727	38.544	ng	# 90
6) Aniline	7.37	93	199132	30.631	ng	96
8) 2-Chlorophenol	7.61	128	180300	42.541	ng	96
9) Benzaldehyde	7.19	77	65674	19.134	ng	97
10) Phenol	7.23	94	237099	43.655	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	174873	40.200	ng	98
12) 1,3-Dichlorobenzene	7.93	146	180897	39.263	ng	96
13) 1,4-Dichlorobenzene	8.08	146	187078	40.768	ng	97
14) 1,2-Dichlorobenzene	8.40	146	178020	40.567	ng	97
15) Benzyl Alcohol	8.29	79	158517	39.336	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	327244	39.197	ng	99
17) 2-Methylphenol	8.48	107	161895	43.077	ng	95
18) Hexachloroethane	9.12	117	67806	38.847	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	134633	37.527	ng	96
20) 3+4-Methylphenols	8.82	107	221878	43.580	ng	99
22) Acetophenone	8.88	105	267090	42.957	ng	# 99
24) Nitrobenzene	9.26	77	203117	41.829	ng	99
25) Isophorone	9.77	82	387896	40.202	ng	99
26) 2-Nitrophenol	9.97	139	98190	42.674	ng	96
27) 2,4-Dimethylphenol	10.01	122	185906	50.865	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	233608	40.924	ng	99
29) 2,4-Dichlorophenol	10.50	162	182383	45.974	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	186082	42.718	ng	99
31) Naphthalene	10.91	128	547713	42.870	ng	99
32) Benzoic acid	10.17	122	57982	26.257	ng	95
33) 4-Chloroaniline	11.03	127	147111	26.995	ng	97
34) Hexachlorobutadiene	11.17	225	111613	40.064	ng	96
35) Caprolactam	11.82	113	51759	32.877	ng	96
36) 4-Chloro-3-methylphenol	12.14	107	213012	46.706	ng	99
37) 2-Methylnaphthalene	12.51	142	408131	43.193	ng	99
38) 1-Methylnaphthalene	12.73	142	392566	42.844	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	210649	40.151	ng	99

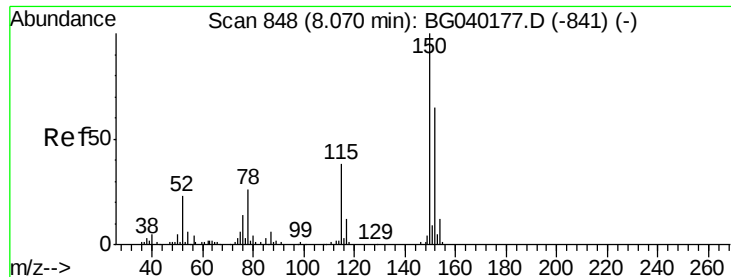
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	228516	79.328	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	150979	44.635	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	166929	45.277	ng	98
46) 1,1'-Biphenyl	13.51	154	536221	41.114	ng	99
47) 2-Chloronaphthalene	13.56	162	417593	41.741	ng	99
48) 2-Nitroaniline	13.77	65	152028	45.051	ng	93
49) Acenaphthylene	14.40	152	691460	40.765	ng	98
50) Dimethylphthalate	14.13	163	552512	42.768	ng	100
51) 2,6-Dinitrotoluene	14.26	165	128913	44.442	ng	98
52) Acenaphthene	14.74	154	404567	41.624	ng	98
53) 3-Nitroaniline	14.60	138	105613	34.396	ng	96
54) 2,4-Dinitrophenol	14.80	184	126424	81.952	ng	95
55) Dibenzofuran	15.07	168	673211	43.105	ng	99
56) 4-Nitrophenol	14.90	139	207046	83.549	ng	96
57) 2,4-Dinitrotoluene	15.04	165	187726	46.575	ng	# 98
58) Fluorene	15.72	166	533052	43.411	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	158092	47.253	ng	98
60) Diethylphthalate	15.48	149	590552	44.672	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	287042	43.733	ng	97
62) 4-Nitroaniline	15.76	138	148118	44.950	ng	97
63) Azobenzene	16.00	77	545911	43.780	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	101254	42.501	ng	97
66) n-Nitrosodiphenylamine	15.93	169	515212	41.520	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	192061	40.247	ng	97
68) Hexachlorobenzene	16.72	284	195438	40.733	ng	98
69) Atrazine	16.87	200	192147	41.626	ng	97
70) Pentachlorophenol	17.07	266	213039	76.800	ng	96
71) Phenanthrene	17.46	178	925337	41.516	ng	99
72) Anthracene	17.56	178	941917	42.221	ng	99
73) Carbazole	17.83	167	900847	42.667	ng	99
74) Di-n-butylphthalate	18.36	149	1080491	43.174	ng	99
75) Fluoranthene	19.47	202	1138363	43.132	ng	99
77) Benzidine	19.66	184	412974	27.474	ng	98
78) Pyrene	19.83	202	1136493	41.519	ng	99
80) Butylbenzylphthalate	20.70	149	516543	44.099	ng	97
81) Benzo(a)anthracene	21.68	228	1031294	40.224	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	307996	31.579	ng	100
83) Chrysene	21.74	228	1033004	41.923	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	727161	43.429	ng	99
85) Di-n-octyl phthalate	22.76	149	1225898	42.973	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1234247	40.955	ng	# 90
88) Benzo(b)fluoranthene	23.92	252	1099662	44.664	ng	99
89) Benzo(k)fluoranthene	23.99	252	1073153	47.398	ng	99
90) Benzo(a)pyrene	24.82	252	1079354	46.724	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	1025337	47.791	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1017258	46.136	ng	98

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

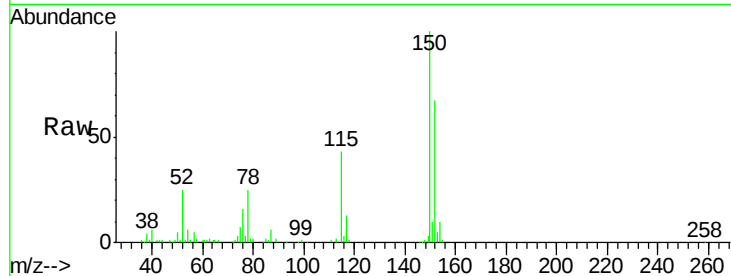


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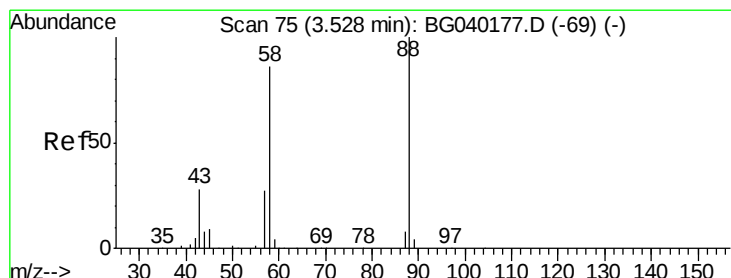
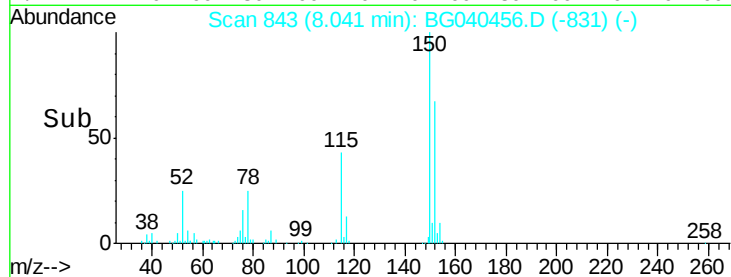
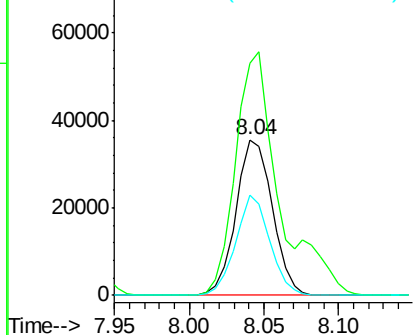
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60190
Ion Ratio Lower Upper
152 100
150 149.1 123.7 185.5
115 64.2 46.9 70.3



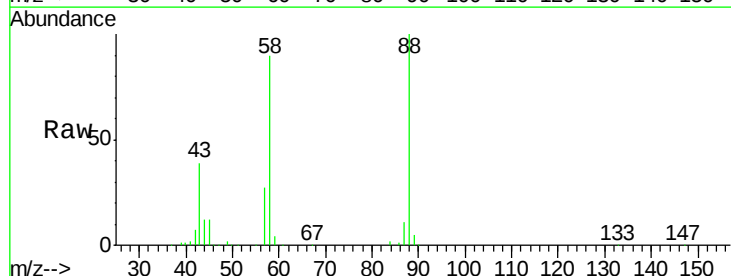
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



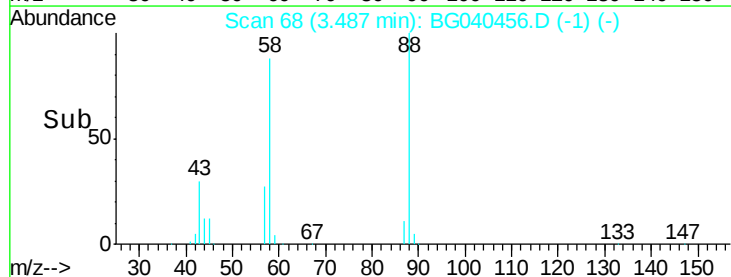
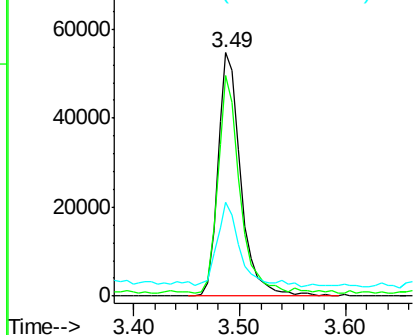
#2

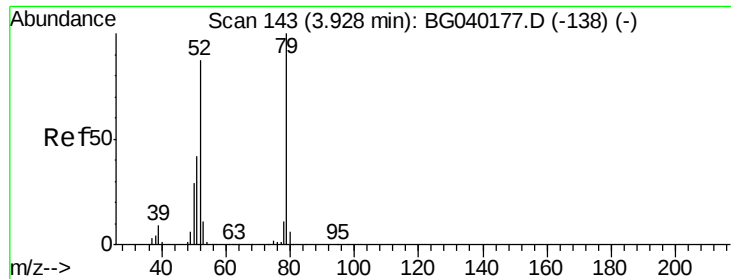
1,4-Dioxane
Concen: 48.682 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion: 88 Resp: 82880
Ion Ratio Lower Upper
88 100
58 84.1 70.6 106.0
43 33.4 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: 31.694 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

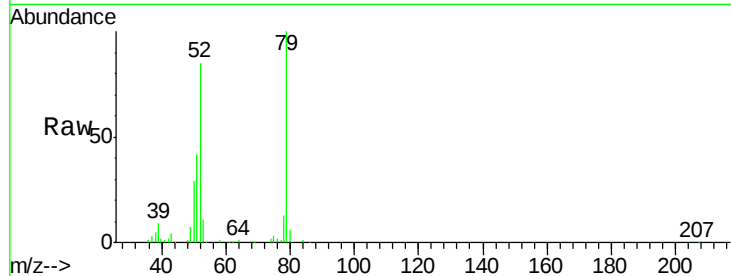
Tot Ion: 79 Resp: 145281

Ion Ratio Lower Upper

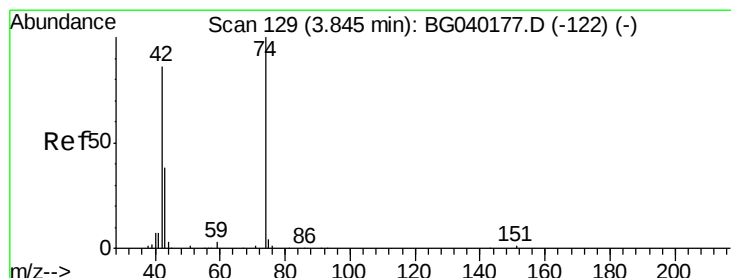
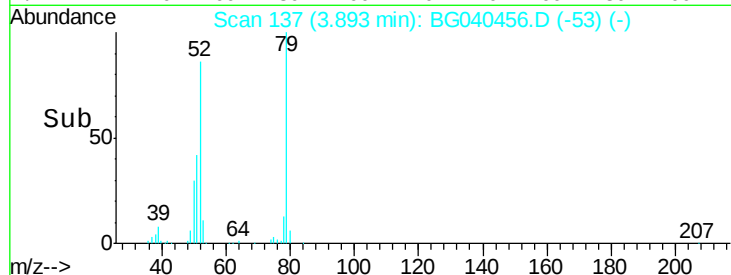
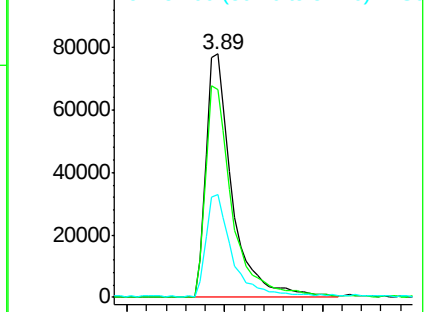
79 100

52 85.3 69.8 104.8

51 42.2 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 38.544 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

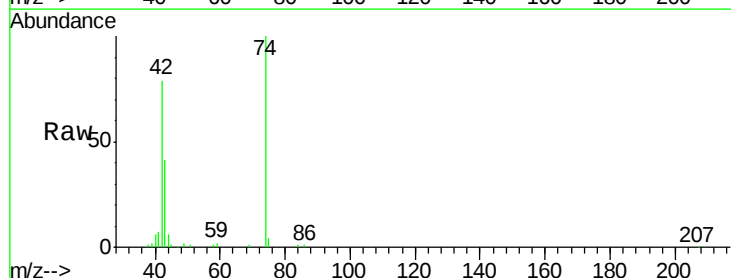
Tgt Ion: 42 Resp: 81727

Ion Ratio Lower Upper

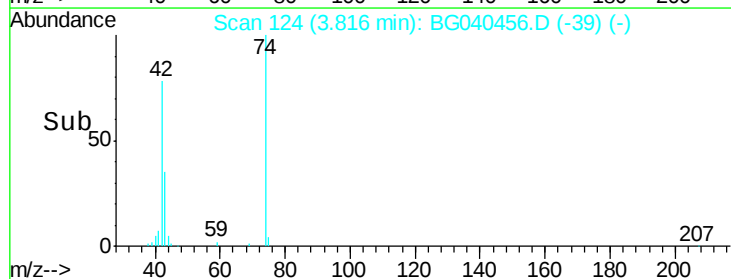
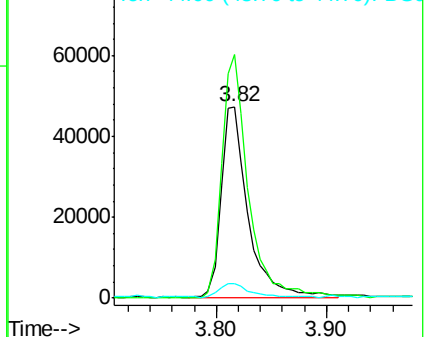
42 100

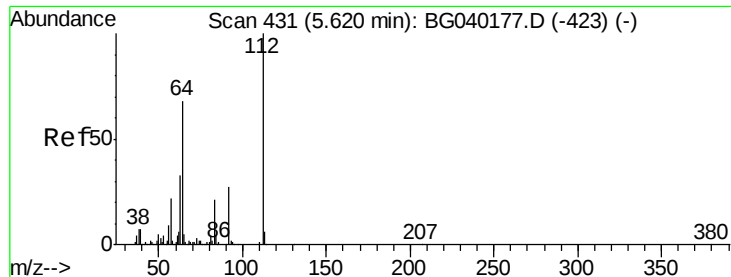
74 127.4 92.9 139.3

44 7.8 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 136.250 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040456.D

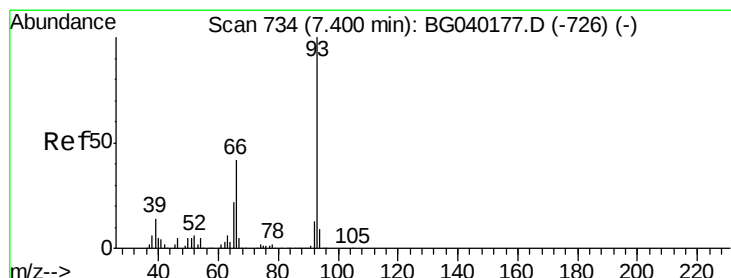
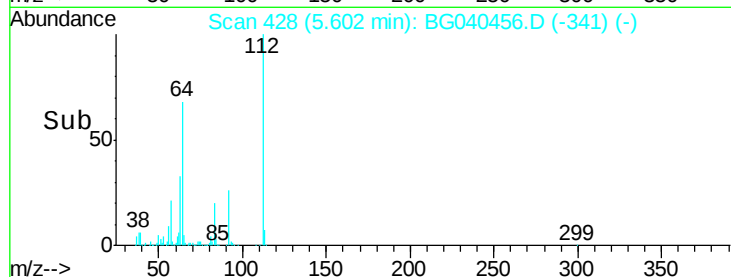
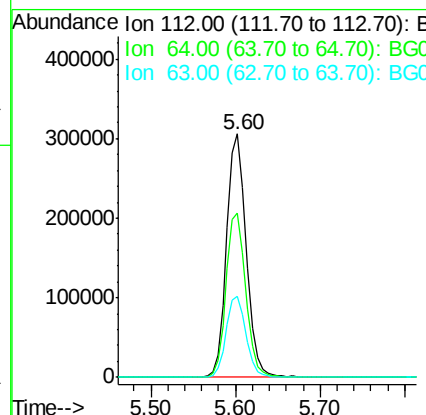
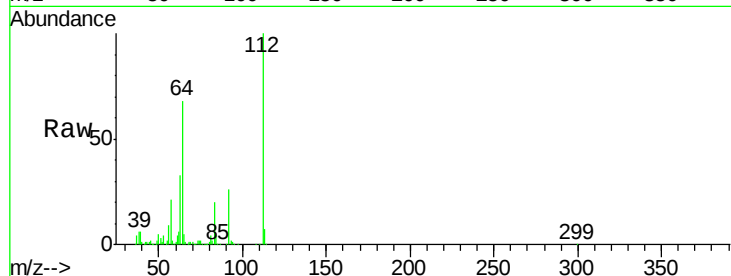
Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:	112	Resp:	493314
Ion	Ratio	Lower	Upper
112	100		
64	67.6	54.2	81.2
63	33.4	26.4	39.6



#6

Aniline

Concen: 30.631 ng

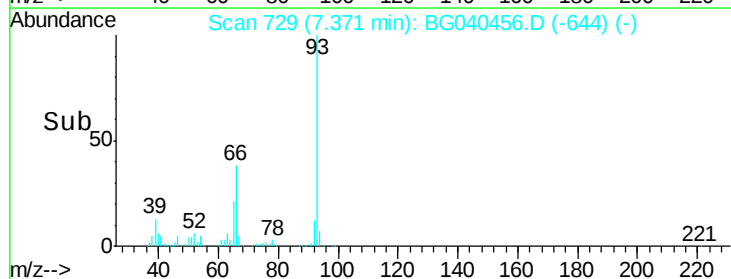
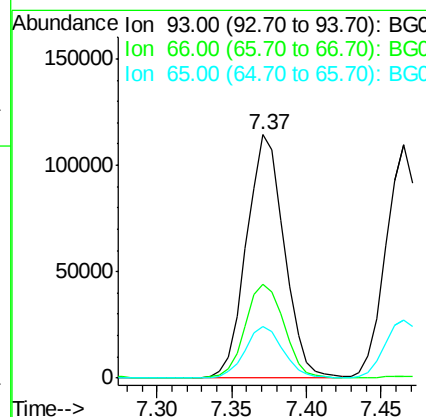
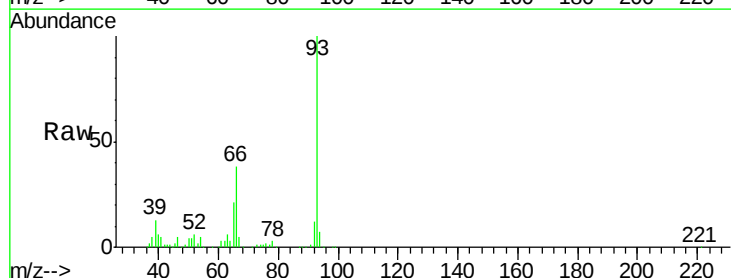
RT: 7.37 min Scan# 729

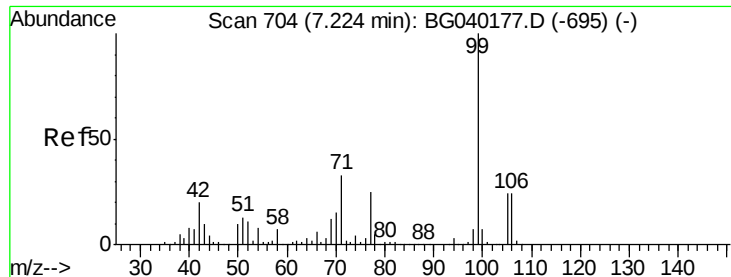
Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:	93	Resp:	199132
Ion	Ratio	Lower	Upper
93	100		
66	38.3	33.6	50.4
65	21.1	17.4	26.2





#7

Phenol-d6

Concen: 133.367 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampled :

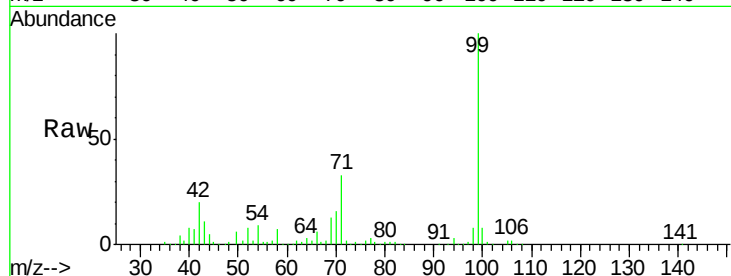
Tot Ion: 99 Resp: 667341

Ion Ratio Lower Upper

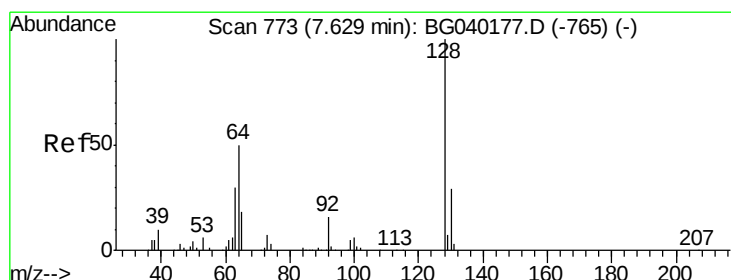
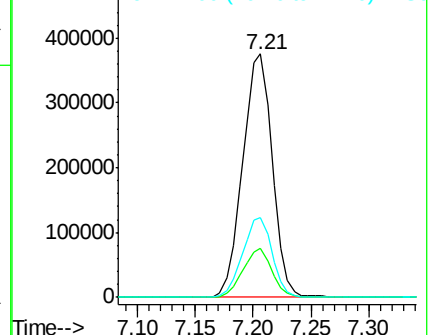
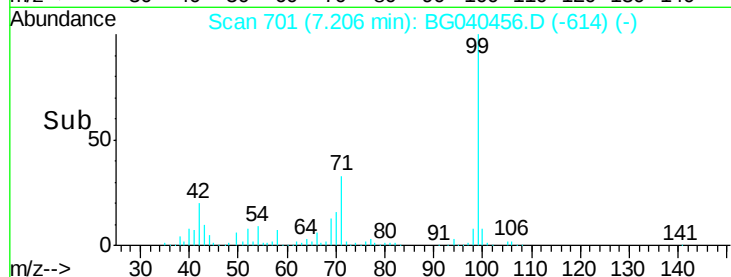
99 100

42 20.2 16.2 24.2

71 32.7 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: 42.541 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

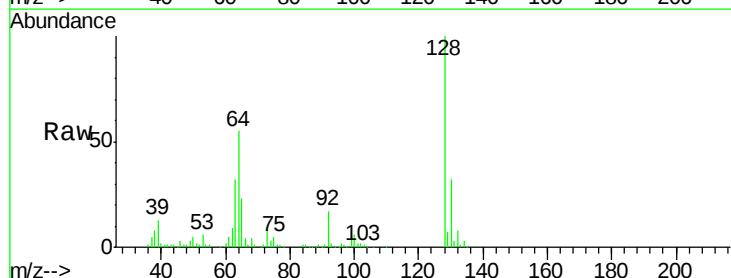
Tgt Ion:128 Resp: 180300

Ion Ratio Lower Upper

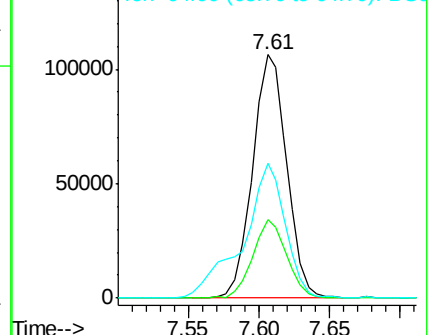
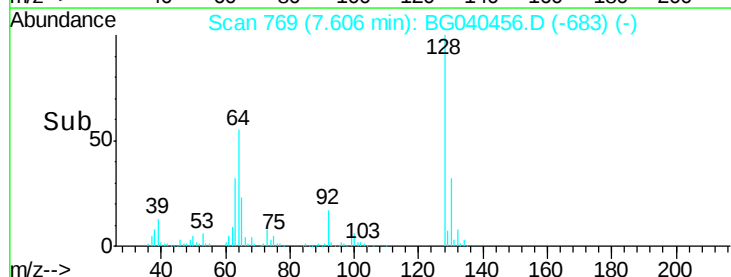
128 100

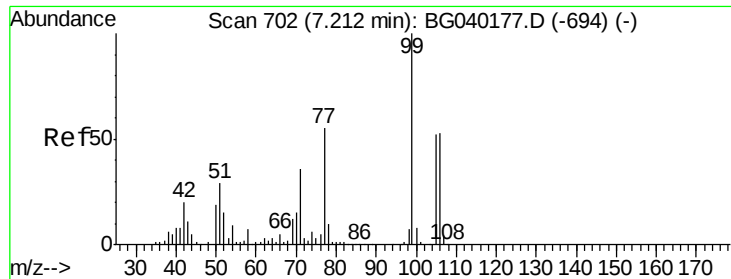
130 32.4 9.1 49.1

64 55.3 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

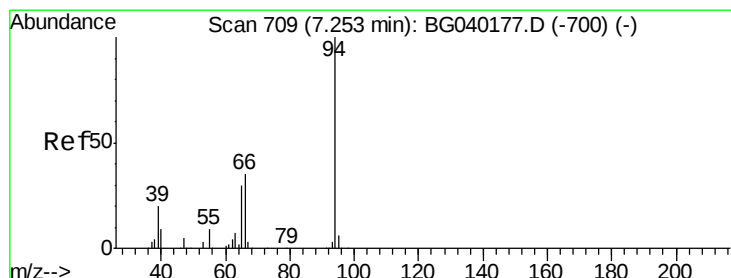
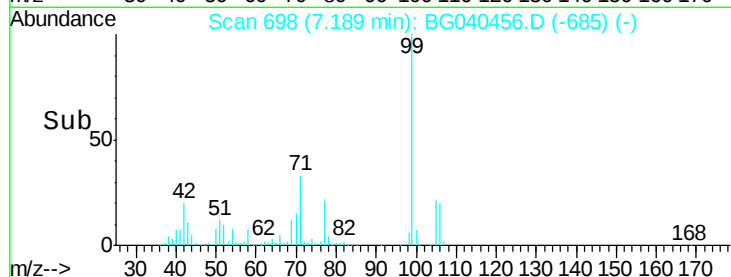
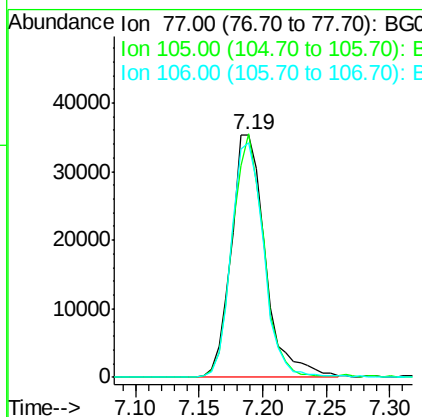
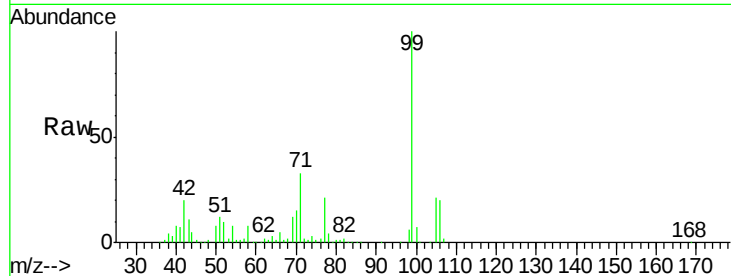




#9
Benzaldehyde
Concen: 19.134 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

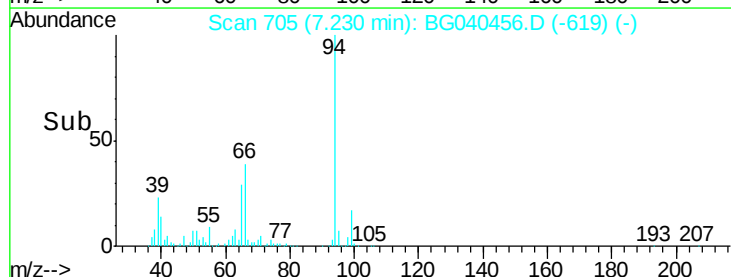
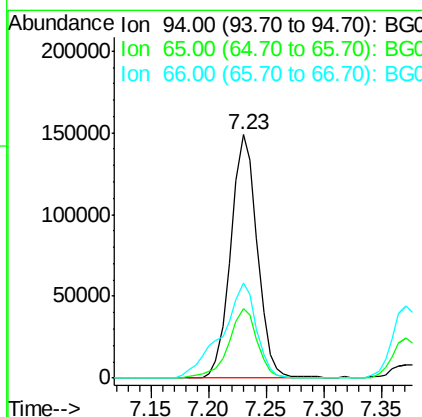
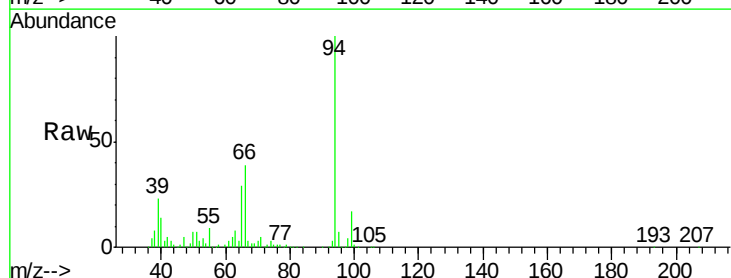
Instrument :
BNA_G
ClientSampleId :

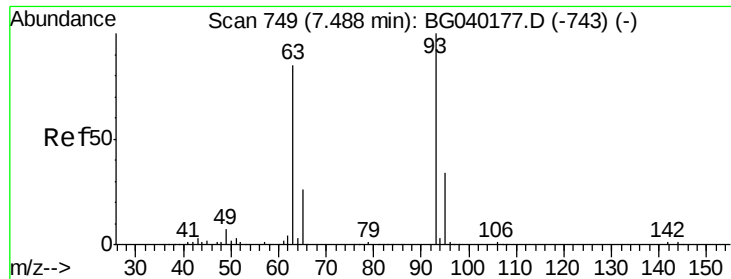
Tot Ion: 77 Resp: 65674
Ion Ratio Lower Upper
77 100
105 100.4 75.0 115.0
106 96.9 75.7 115.7



#10
Phenol
Concen: 43.655 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion: 94 Resp: 237099
Ion Ratio Lower Upper
94 100
65 28.7 10.5 50.5
66 39.0 16.9 56.9

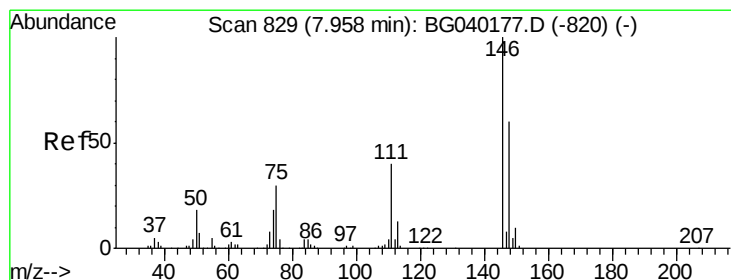
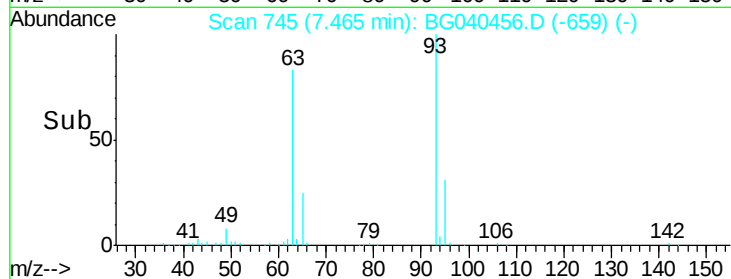
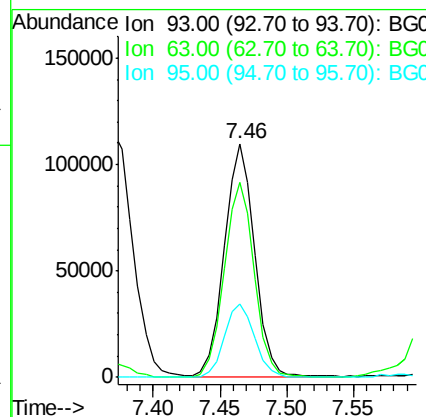
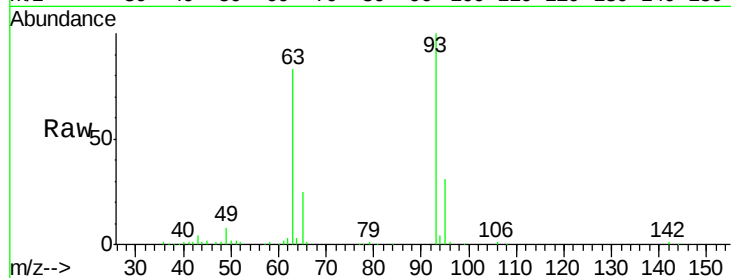




#11
bis(2-Chloroethyl)ether
Concen: 40.200 ng
RT: 7.46 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

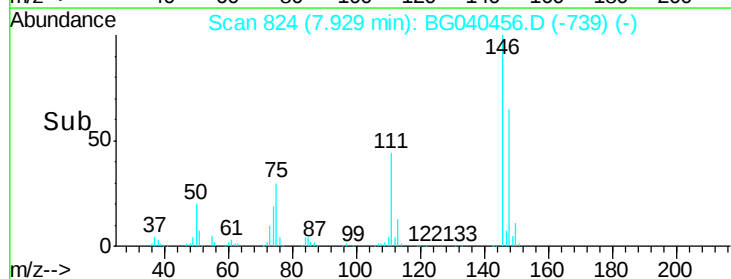
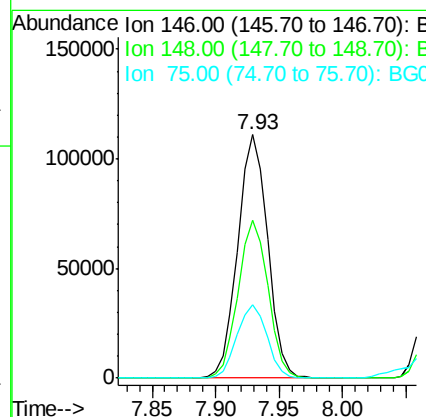
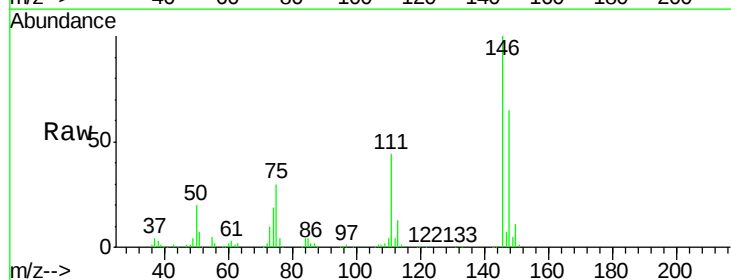
Instrument :
BNA_G
ClientSampleId :

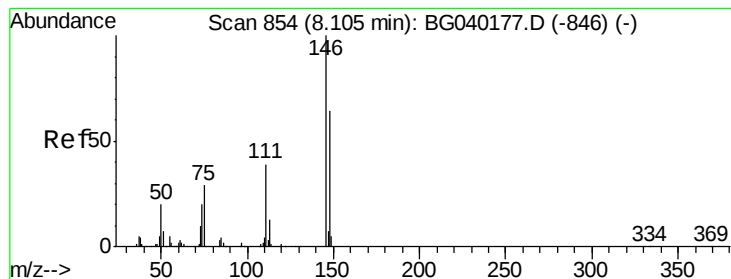
Tot Ion: 93 Resp: 174873
Ion Ratio Lower Upper
93 100
63 83.4 64.2 104.2
95 31.5 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.263 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion: 146 Resp: 180897
Ion Ratio Lower Upper
146 100
148 64.8 48.2 72.2
75 30.1 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 40.768 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampled :

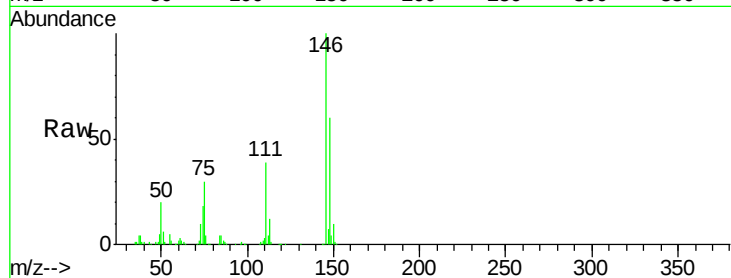
Tot Ion:146 Resp: 187078

Ion Ratio Lower Upper

146 100

148 60.3 51.0 76.4

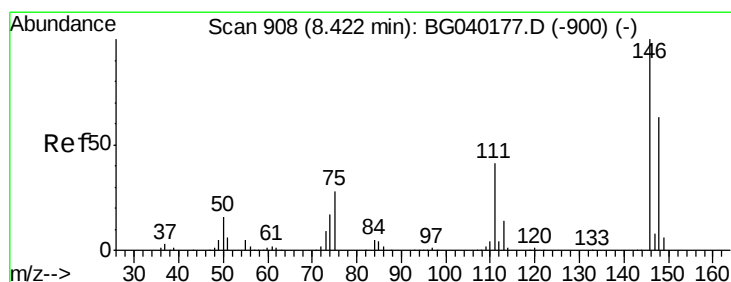
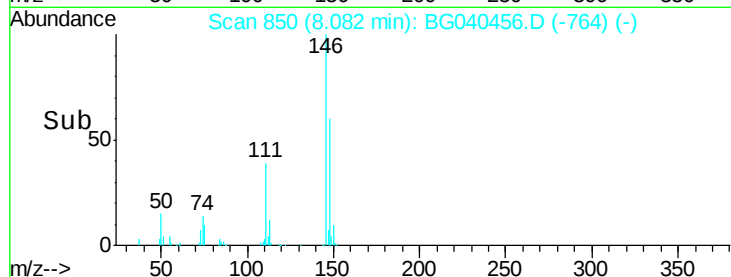
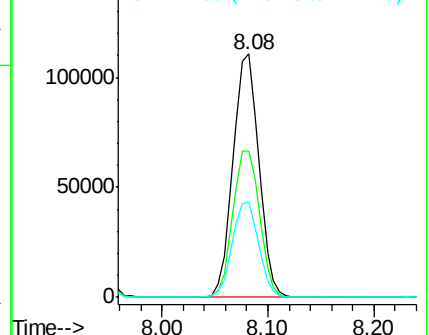
111 39.1 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.567 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

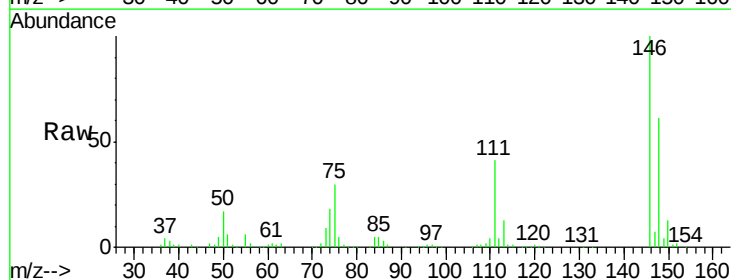
Tgt Ion:146 Resp: 178020

Ion Ratio Lower Upper

146 100

148 61.0 50.8 76.2

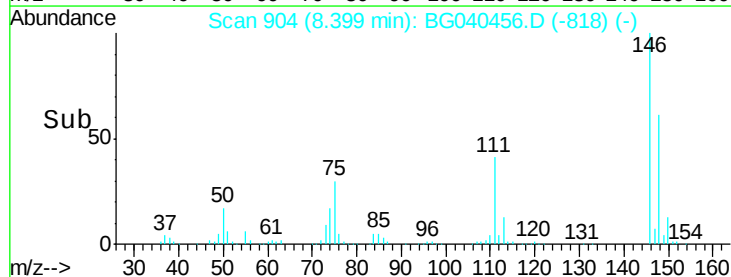
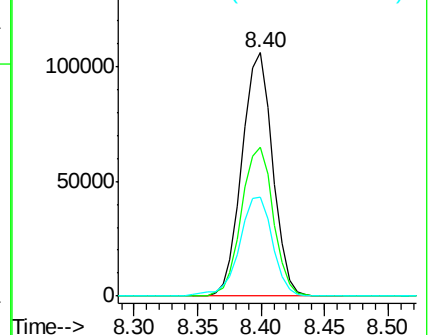
111 40.6 33.4 50.0

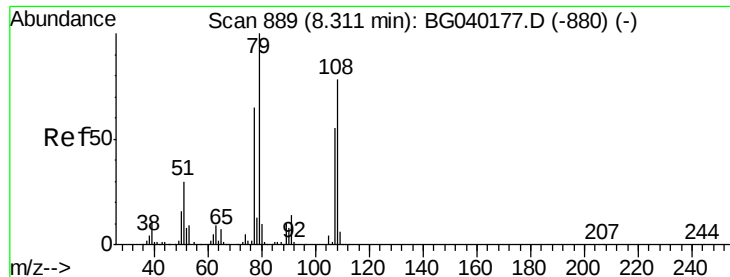


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.336 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

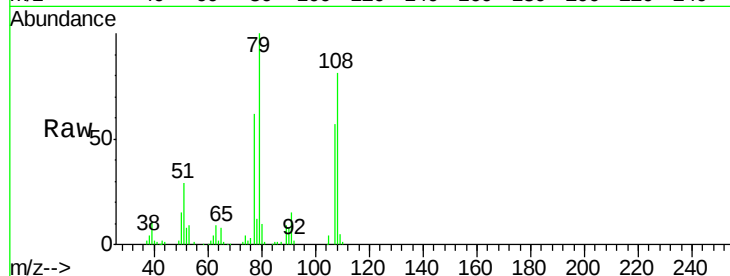
Tot Ion: 79 Resp: 158517

Ion Ratio Lower Upper

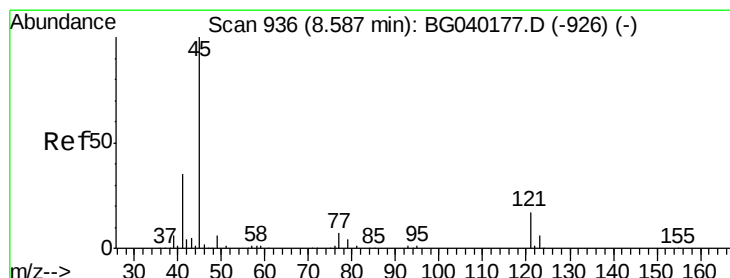
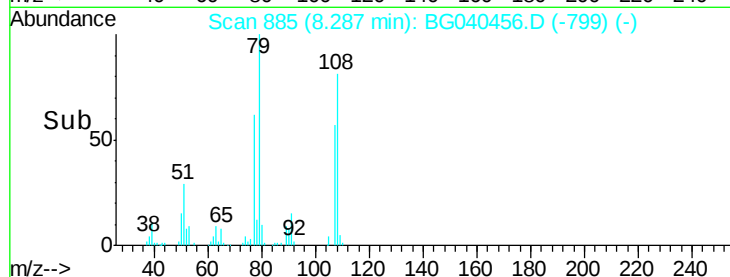
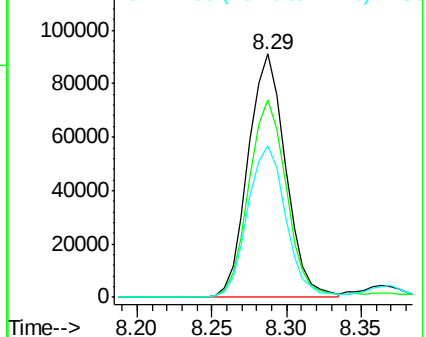
79 100

108 81.0 62.1 93.1

77 62.4 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.197 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

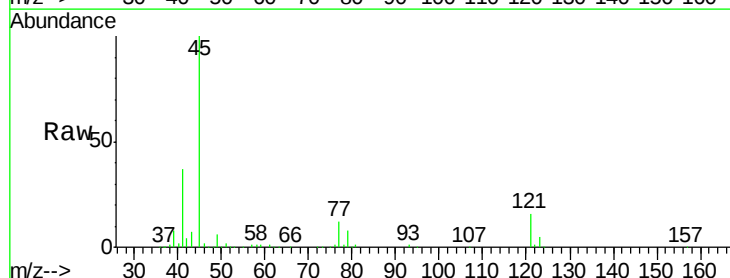
Tgt Ion: 45 Resp: 327244

Ion Ratio Lower Upper

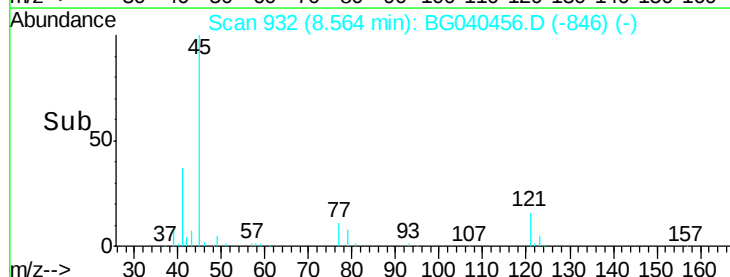
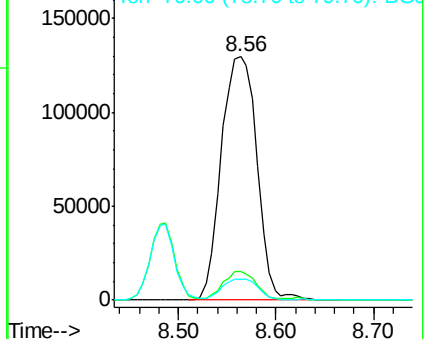
45 100

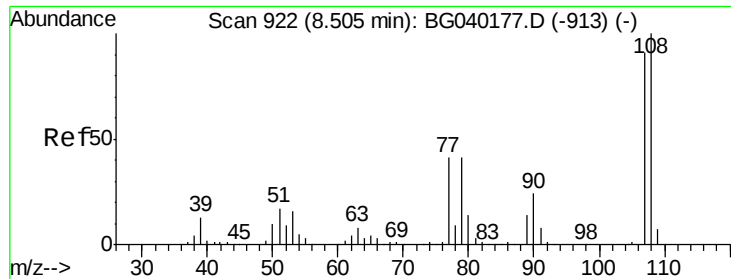
77 11.8 0.0 31.4

79 8.4 0.0 28.3



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

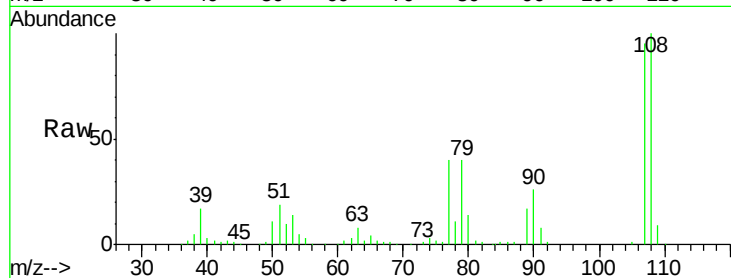




#17
2-Methylphenol
Concen: 43.077 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.0	88.2	132.4
77	42.4	36.6	55.0
79	42.1	36.5	54.7



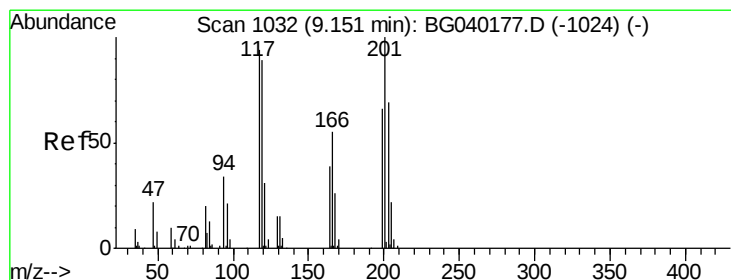
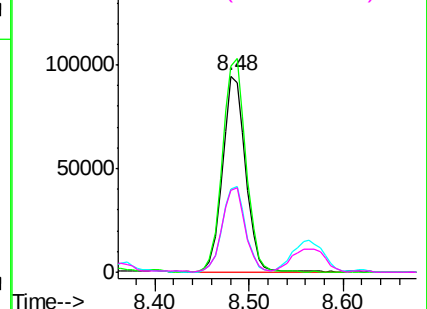
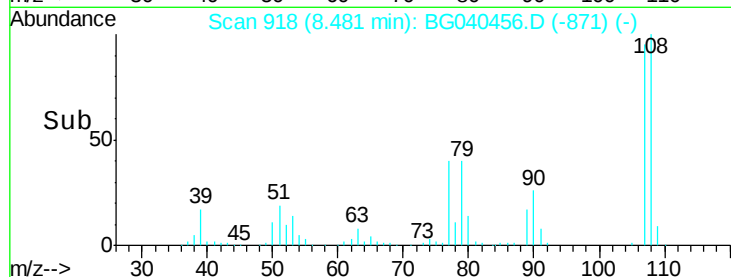
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

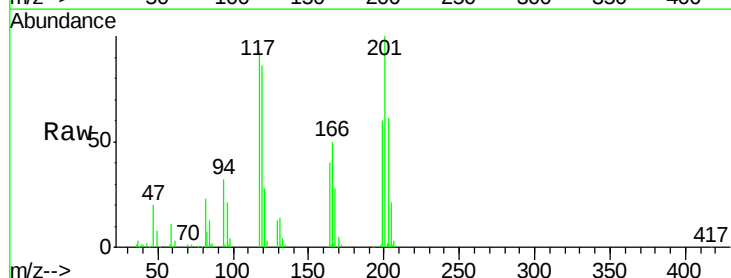
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.847 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.6	115.0
201	107.3	85.0	127.4

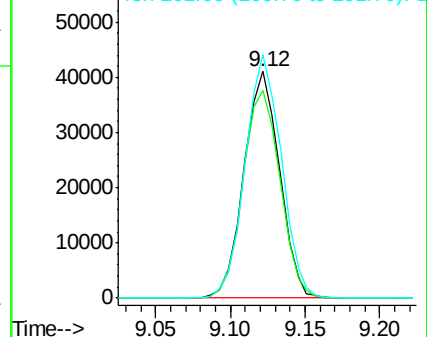
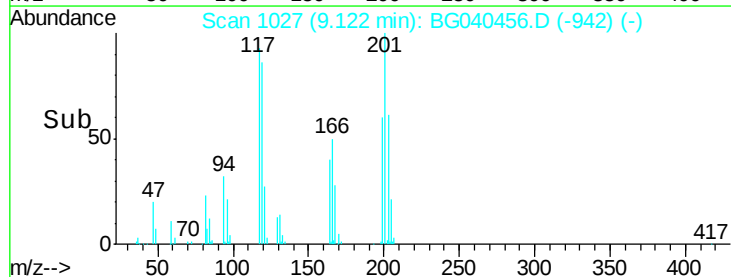


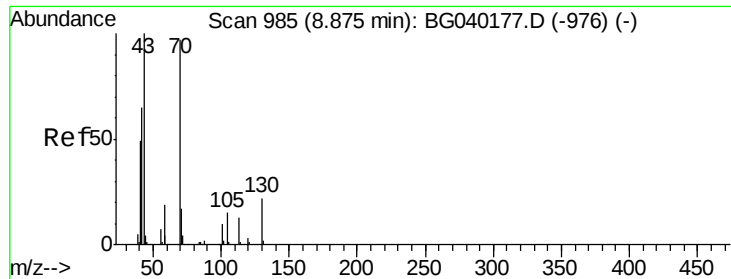
Abundance

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

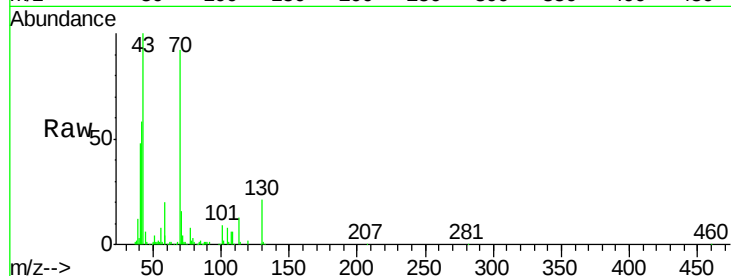




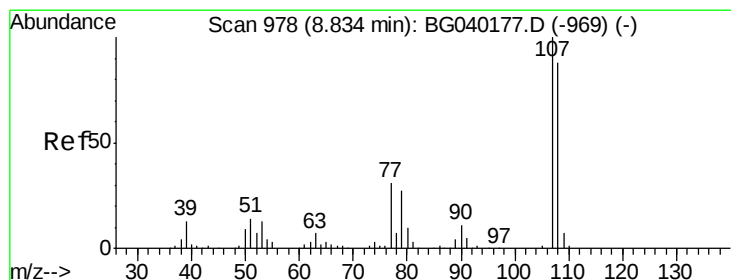
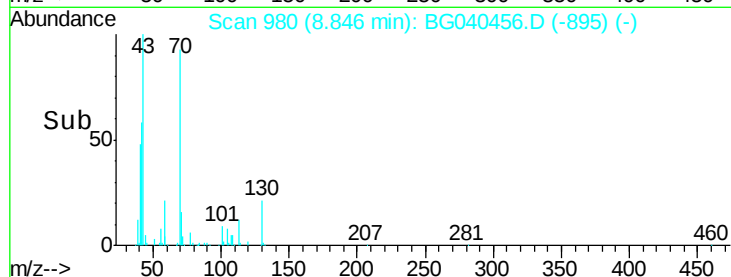
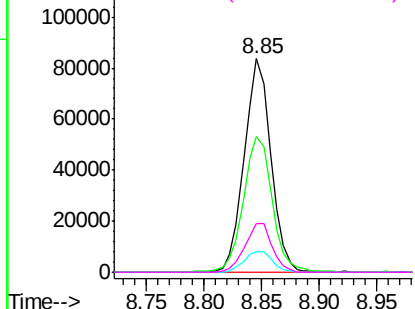
#19
n-Nitroso-di-n-propylamine
Concen: 37.527 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	134633
Ion	Ratio	Lower	Upper
70	100		
42	63.3	54.0	81.0
101	9.8	8.6	13.0
130	22.8	18.2	27.2

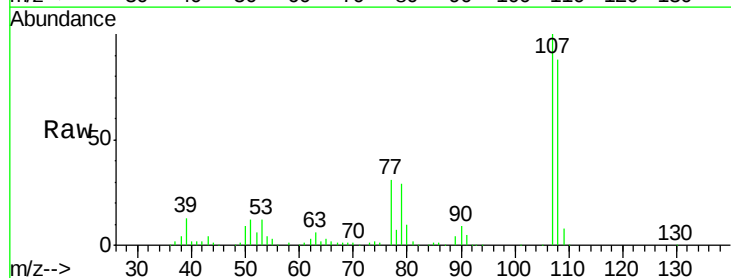


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

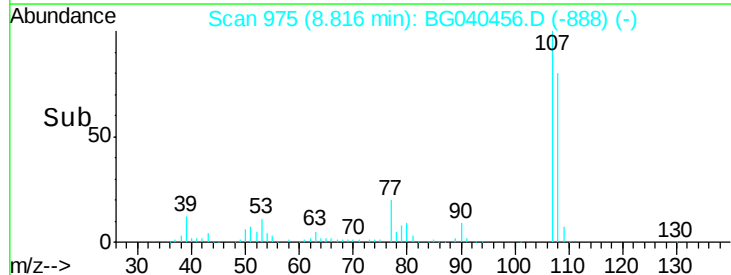
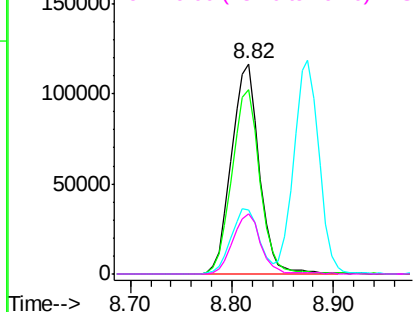


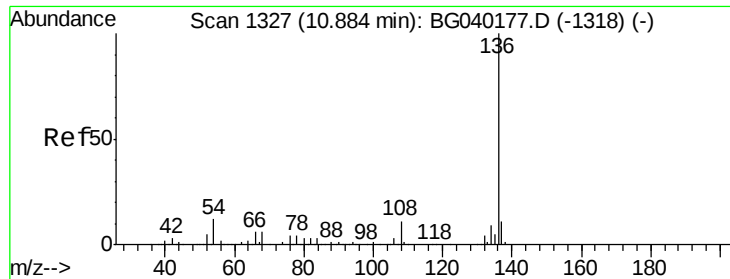
#20
3+4-Methylphenols
Concen: 43.580 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:	107	Resp:	221878
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.3	108.3
77	30.5	11.3	51.3
79	28.8	7.3	47.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 249253

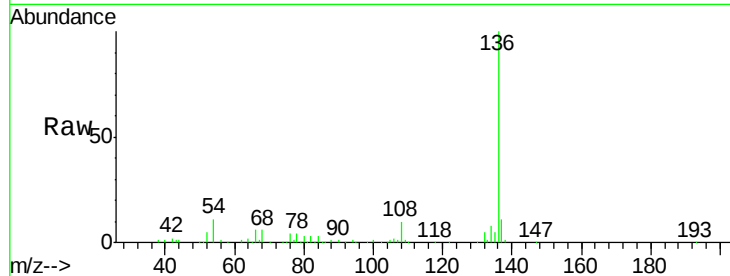
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.5 9.6 14.4

68 5.7 5.1 7.7

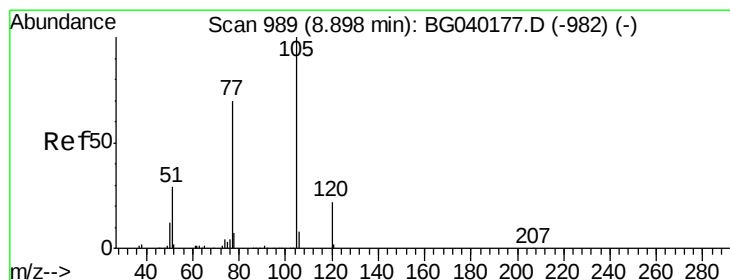
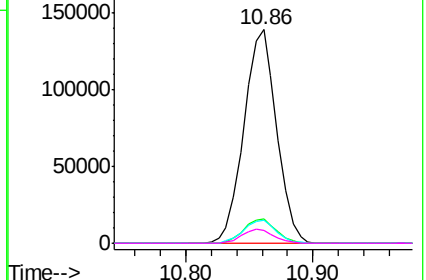
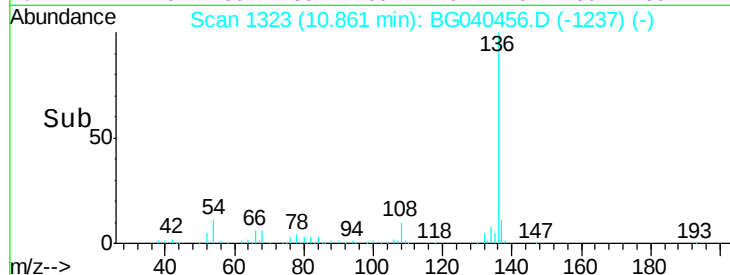


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.957 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:105 Resp: 267090

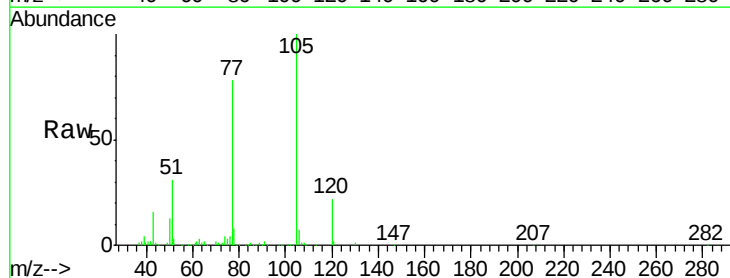
Ion Ratio Lower Upper

105 100

71 0.5 0.6 1.0#

51 30.9 25.1 37.7

120 22.3 17.6 26.4

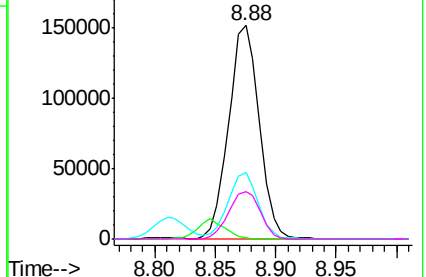
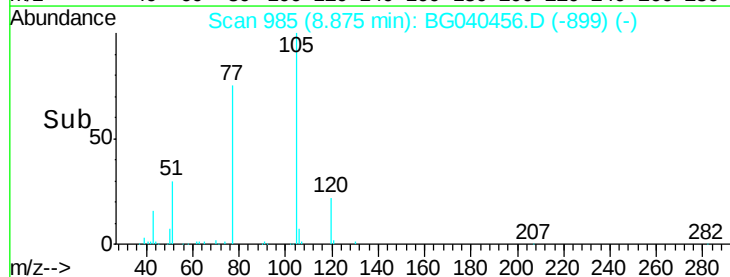


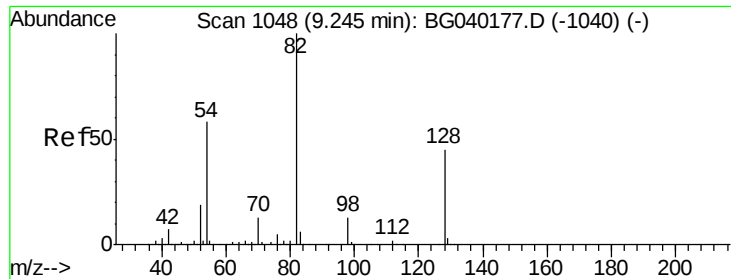
Abundance Ion 105.00 (104.70 to 105.70): E

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

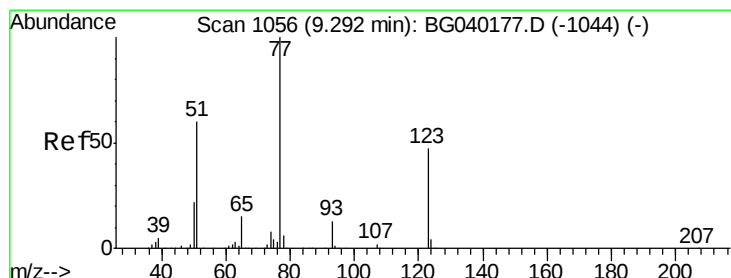
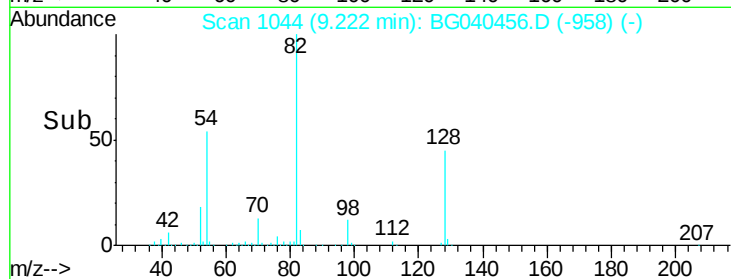
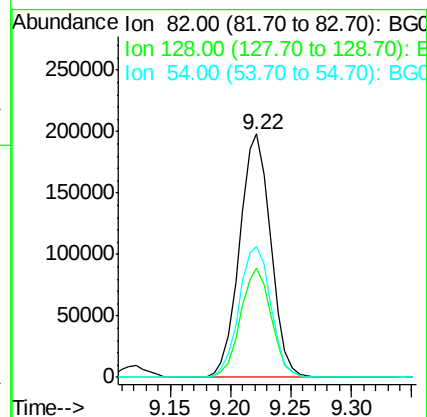
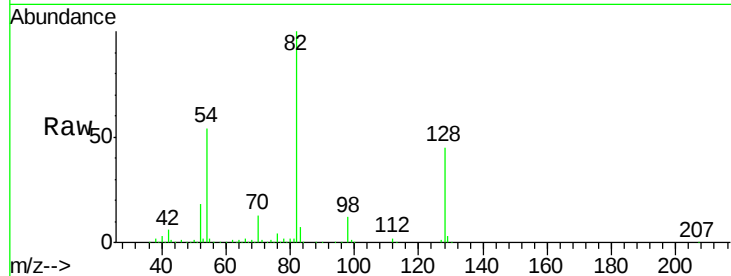




#23
Nitrobenzene-d5
Concen: 76.148 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

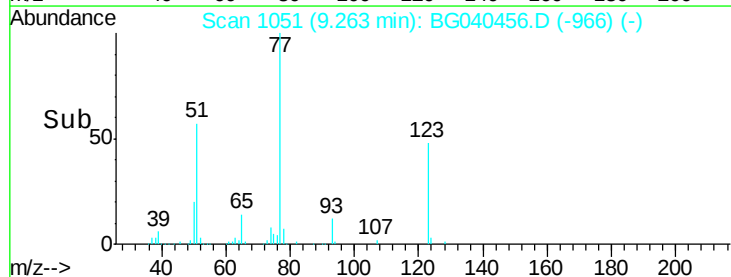
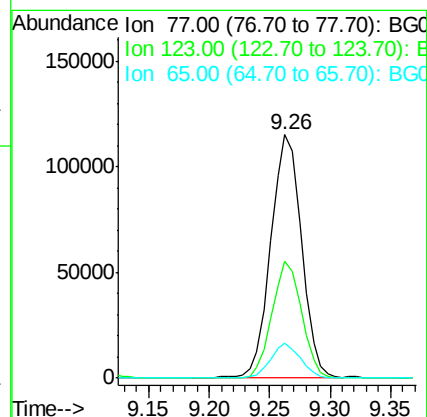
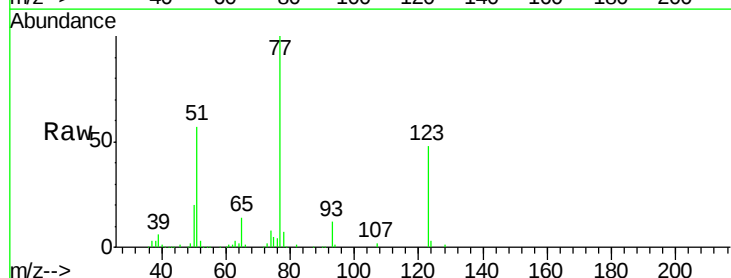
Instrument :
BNA_G
ClientSampleId :

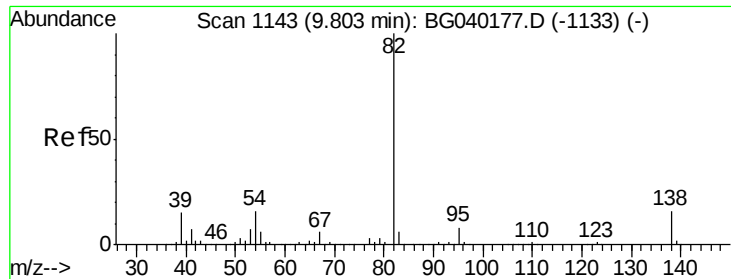
Tot Ion: 82 Resp: 357080
Ion Ratio Lower Upper
82 100
128 44.7 35.8 53.8
54 53.8 46.2 69.2



#24
Nitrobenzene
Concen: 41.829 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion: 77 Resp: 203117
Ion Ratio Lower Upper
77 100
123 47.9 37.8 56.6
65 14.4 12.0 18.0





#25

Isophorone

Concen: 40.202 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

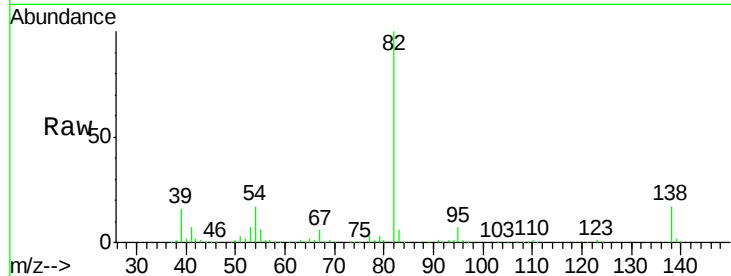
Tot Ion: 82 Resp: 387896

Ion Ratio Lower Upper

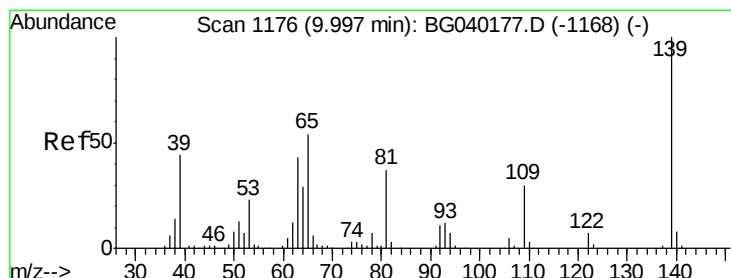
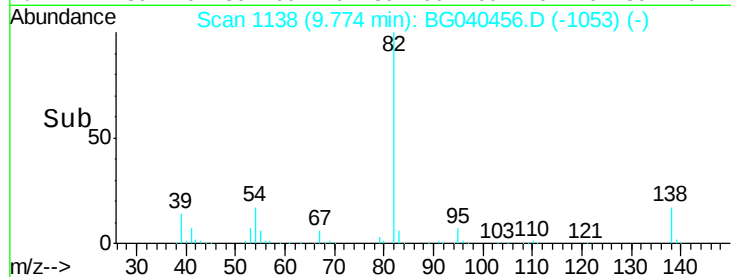
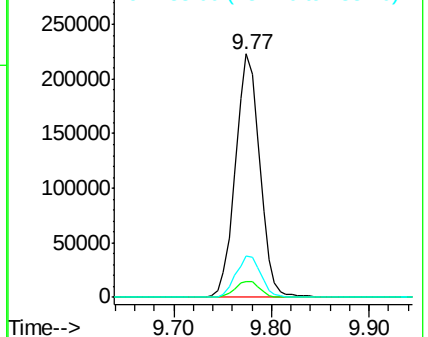
82 100

95 6.6 6.1 9.1

138 16.9 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: 42.674 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

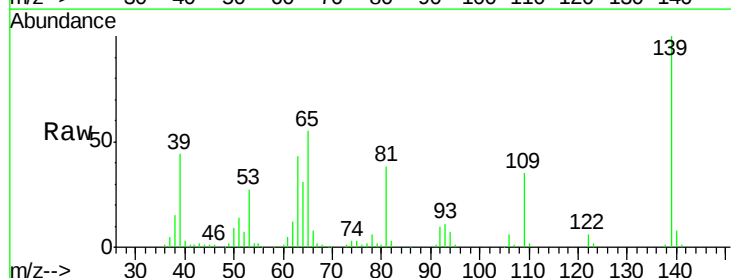
Tgt Ion: 139 Resp: 98190

Ion Ratio Lower Upper

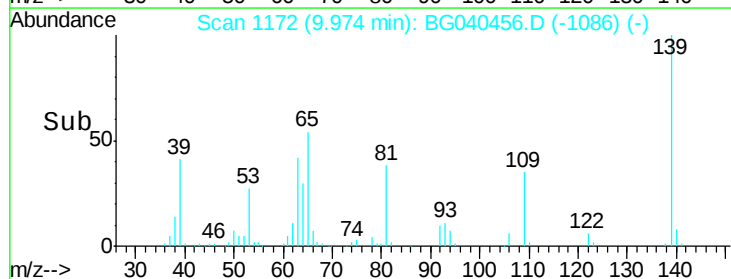
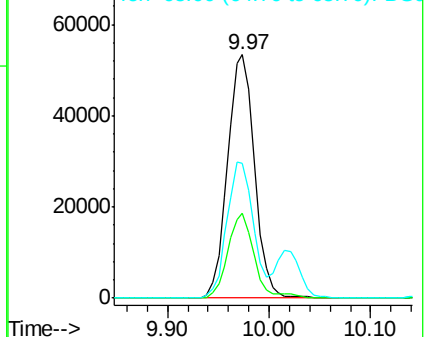
139 100

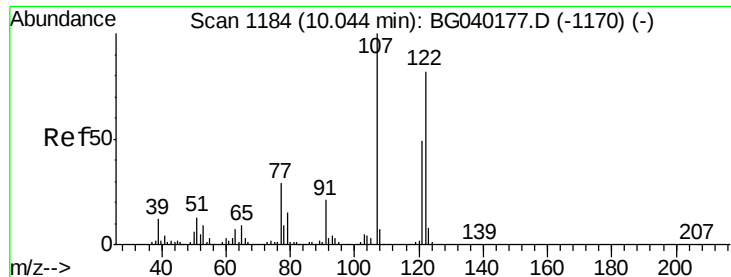
109 34.7 24.1 36.1

65 55.3 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

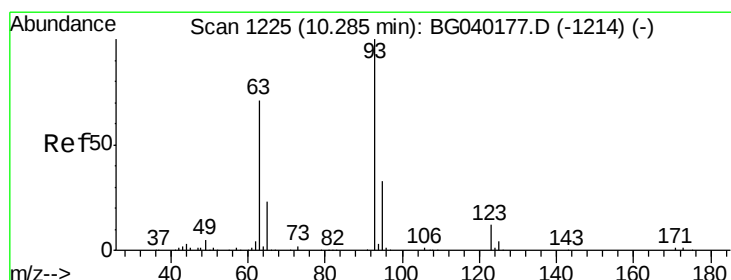
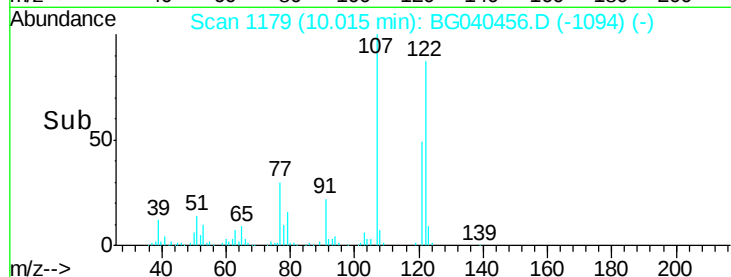
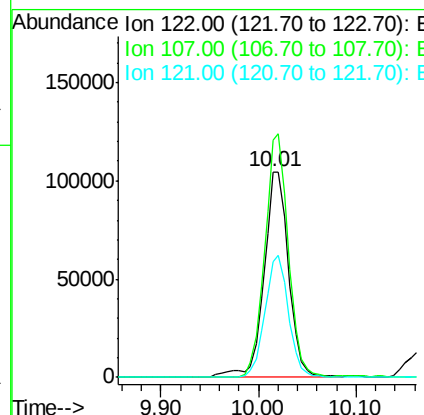
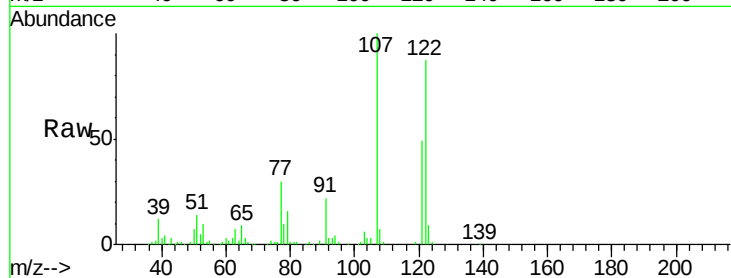




#27
2,4-Dimethylphenol
Concen: 50.865 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

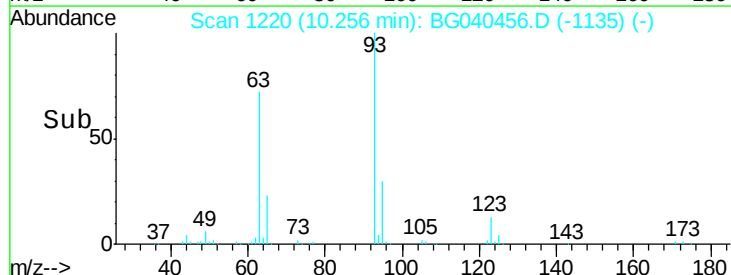
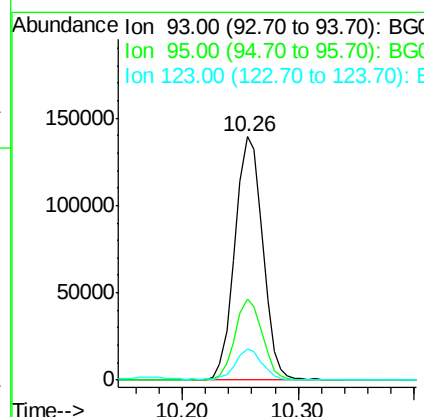
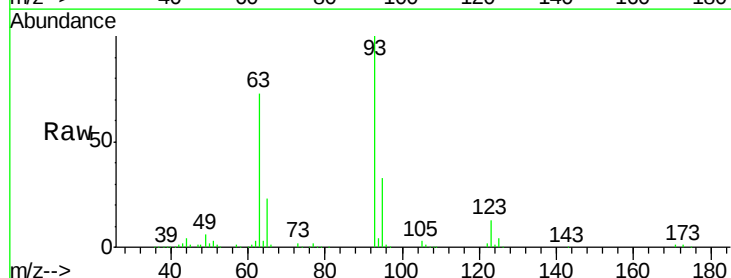
Instrument :
BNA_G
ClientSampleId :

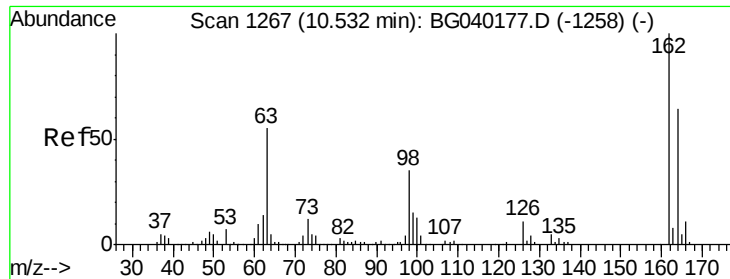
Tot Ion	122	Resp	185906
Ion Ratio	Lower	Upper	
122	100		
107	115.0	97.4	146.2
121	55.9	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.924 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion	93	Resp	233608
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.4
123	12.9	9.4	14.0

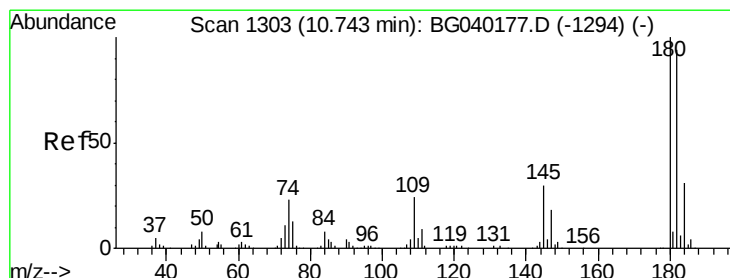
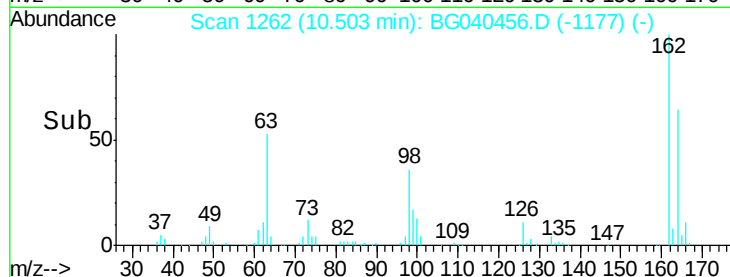
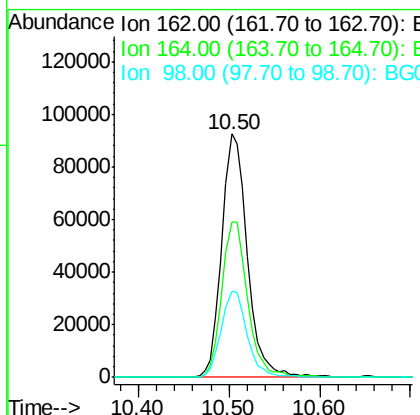
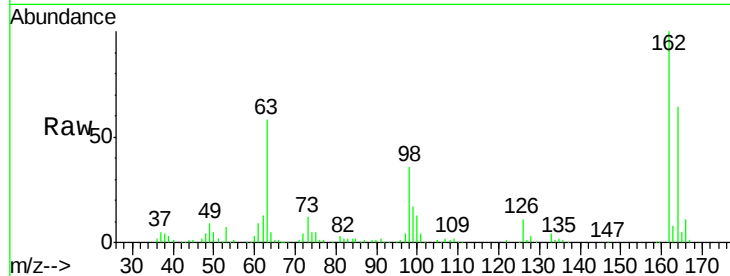




#29
 2,4-Dichlorophenol
 Concen: 45.974 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

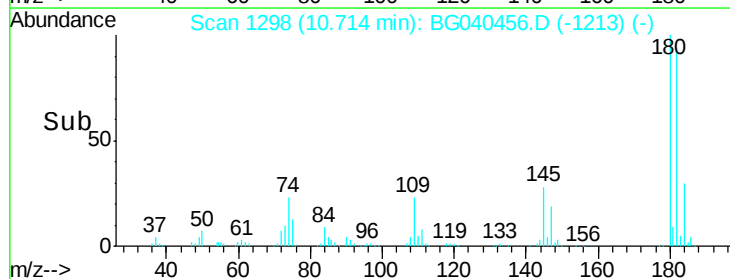
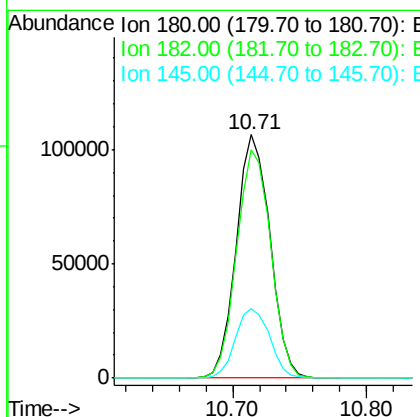
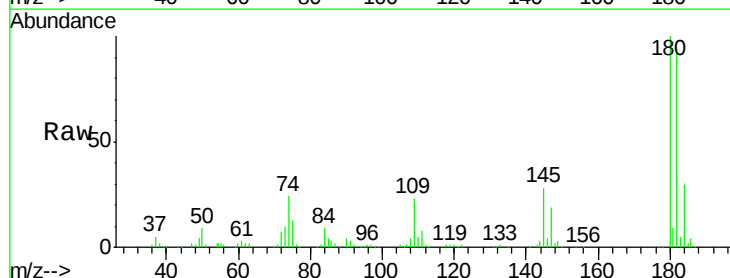
Instrument :
 BNA_G
 ClientSampled :

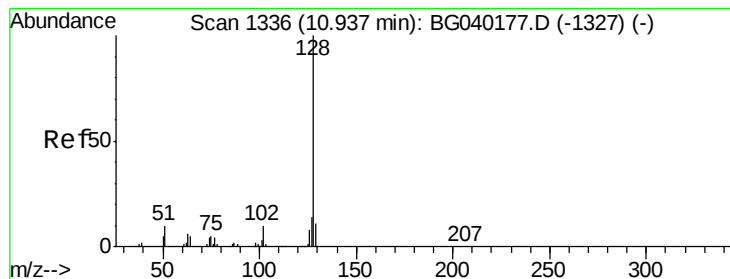
Tot Ion	Ratio	Resp	Lower	Upper
162	100	182383		
164	63.6		43.9	83.9
98	35.6		15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.718 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186082		
182	93.8		75.1	112.7
145	28.5		24.1	36.1

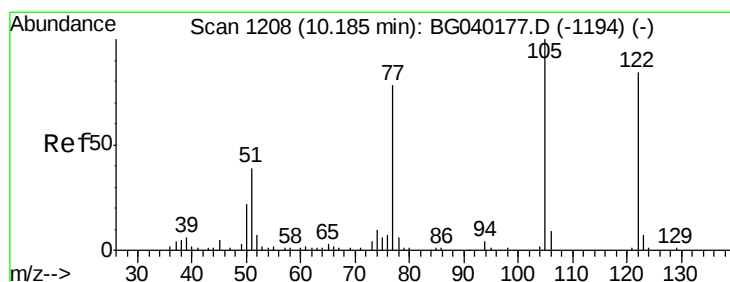
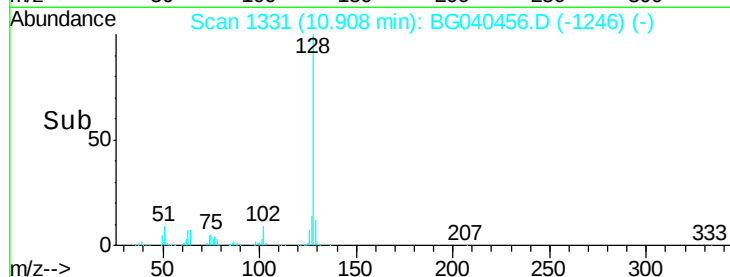
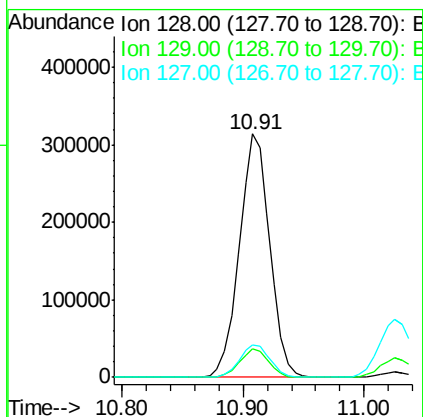
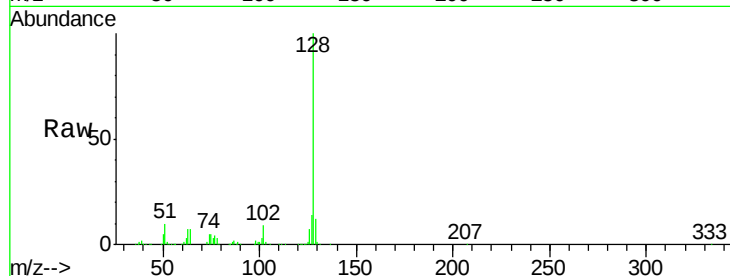




#31
Naphthalene
Concen: 42.870 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

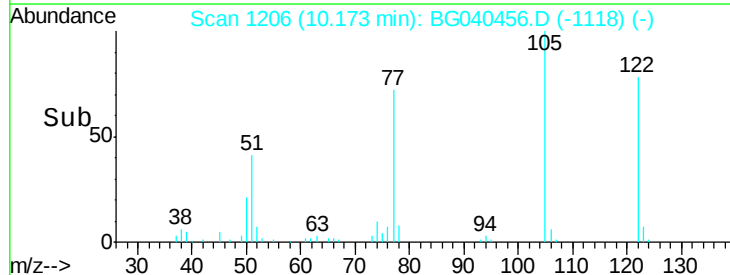
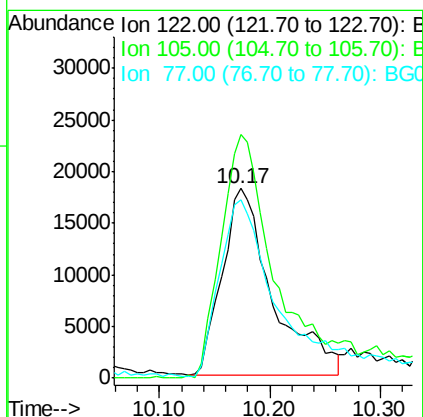
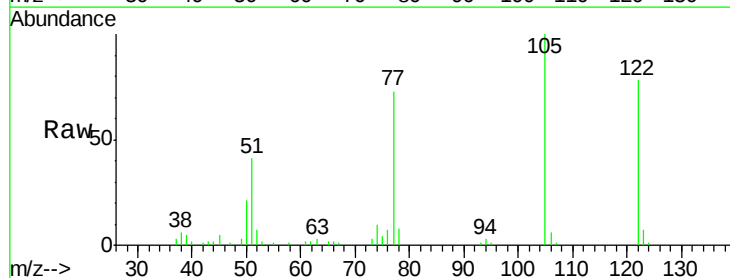
Instrument :
BNA_G
ClientSampleId :

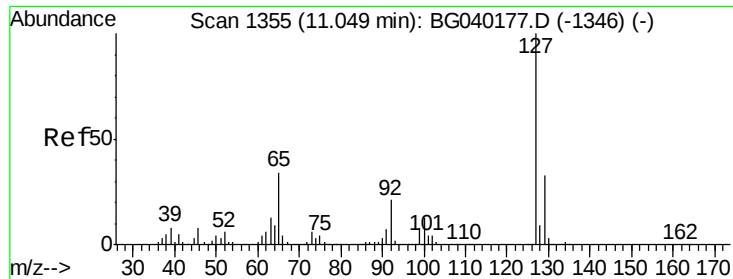
Tot Ion:128 Resp: 547713
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 26.257 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:122 Resp: 57982
Ion Ratio Lower Upper
122 100
105 128.6 98.2 138.2
77 93.9 73.6 113.6

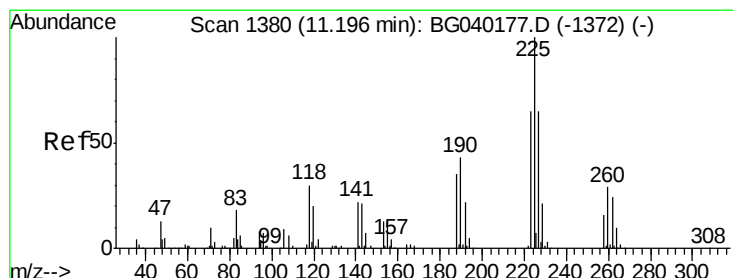
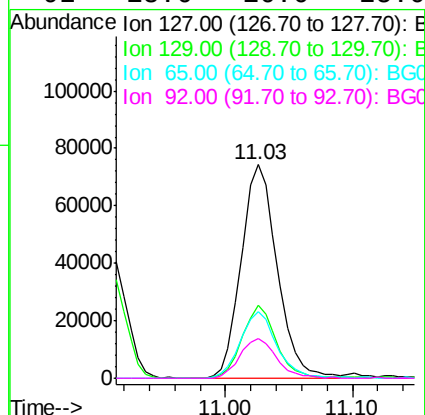
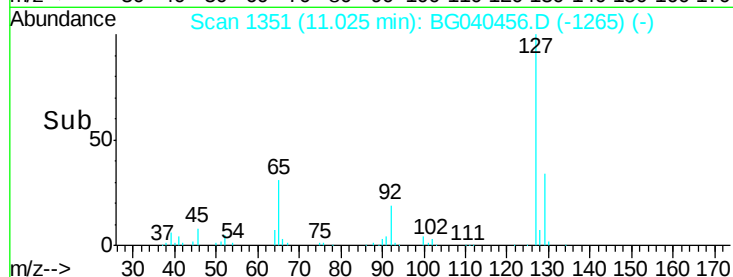
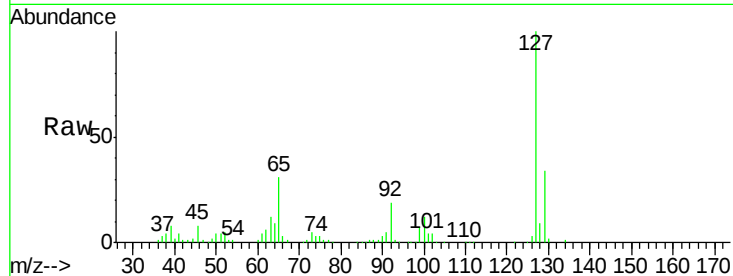




#33
4-Chloroaniline
Concen: 26.995 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

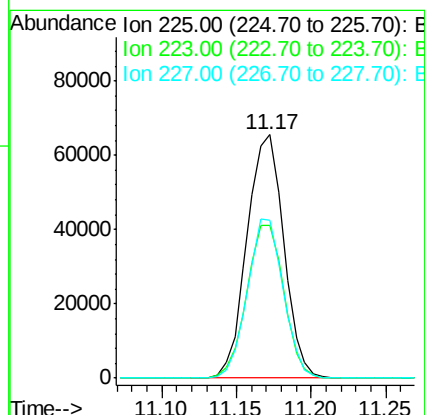
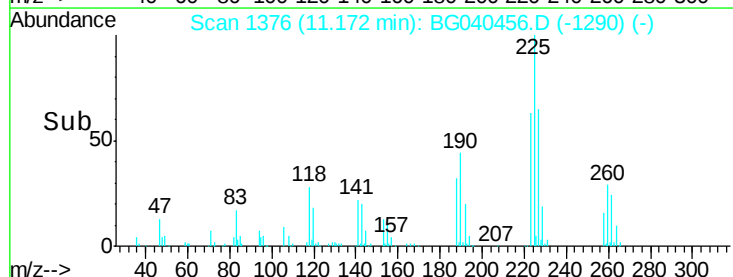
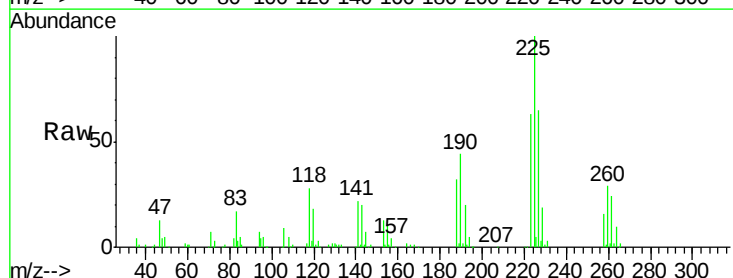
Instrument :
BNA_G
ClientSampleId :

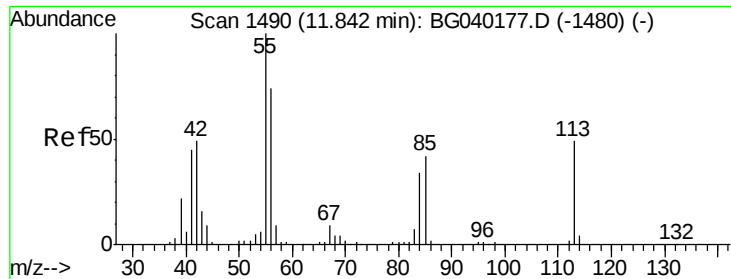
Tot Ion:	127	Resp:	147111
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.6	40.0
65	31.1	27.0	40.4
92	18.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.064 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:	225	Resp:	111613
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.8	77.8
227	64.7	54.9	82.3

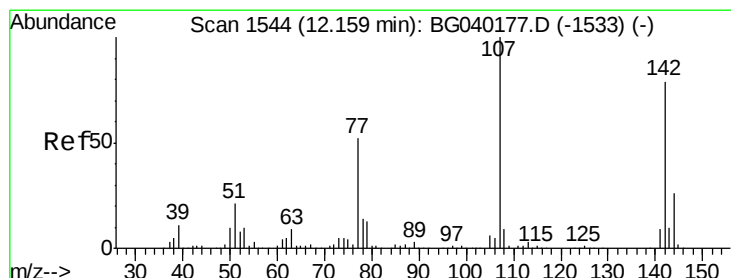
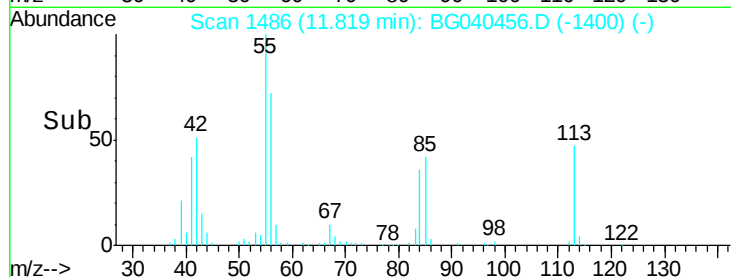
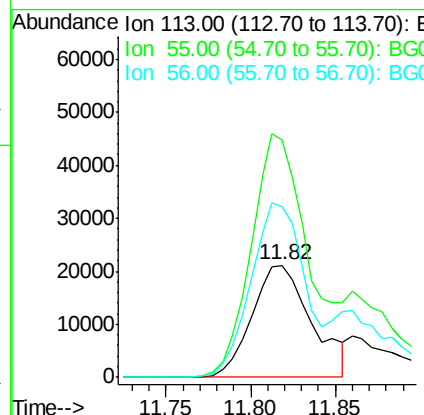
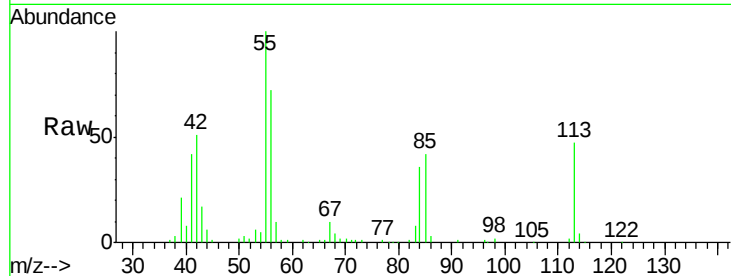




#35
 Caprolactam
 Concen: 32.877 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

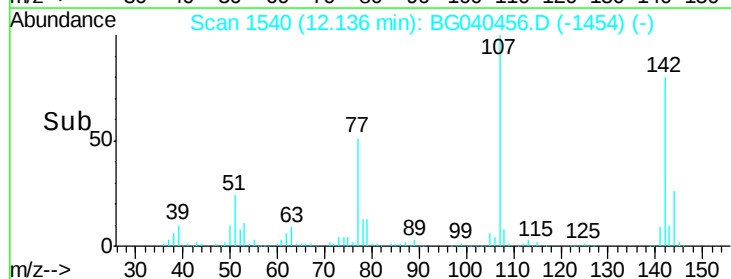
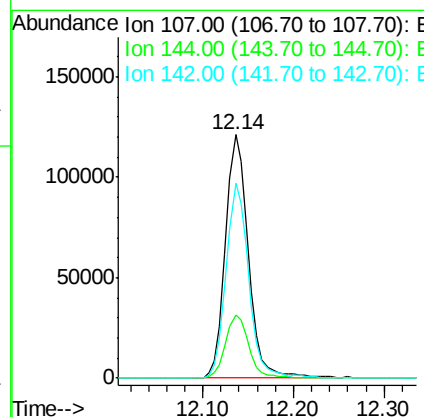
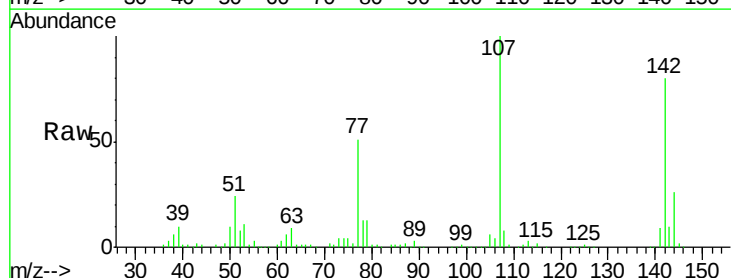
Instrument :
 BNA_G
 ClientSampleId :

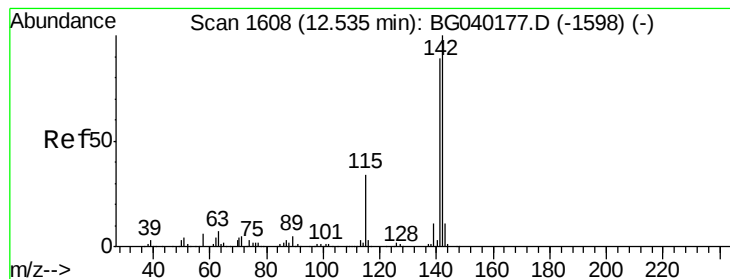
Tot Ion:113 Resp: 51759
 Ion Ratio Lower Upper
 113 100
 55 212.3 184.2 224.2
 56 152.9 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.706 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion:107 Resp: 213012
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 79.8 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.193 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

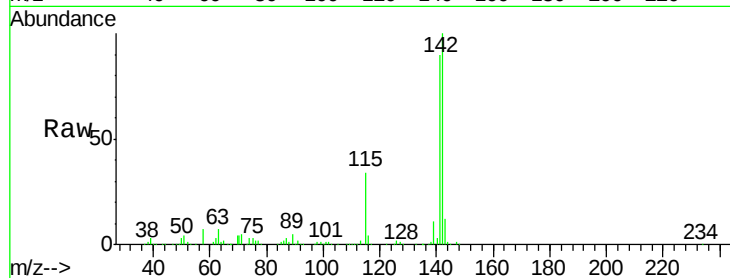
Tot Ion:142 Resp: 408131

Ion Ratio Lower Upper

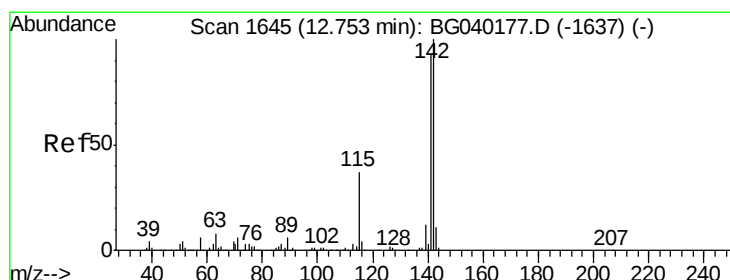
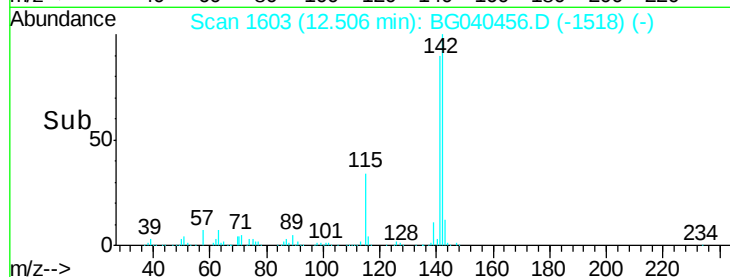
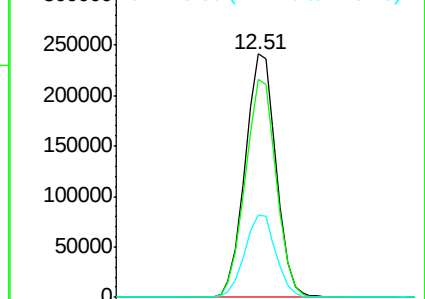
142 100

141 89.8 71.0 106.6

115 34.0 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.844 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

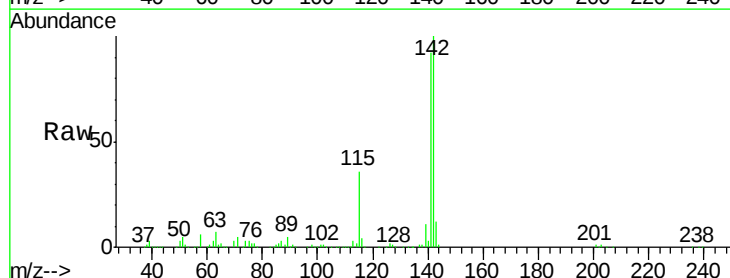
Tgt Ion:142 Resp: 392566

Ion Ratio Lower Upper

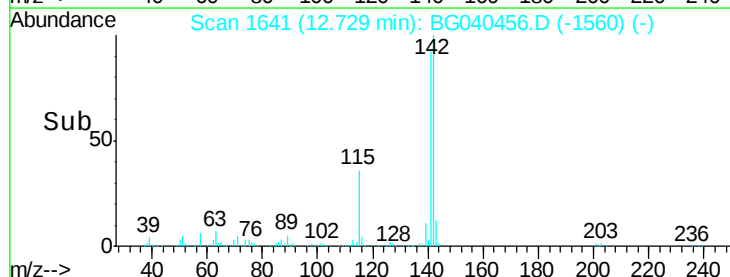
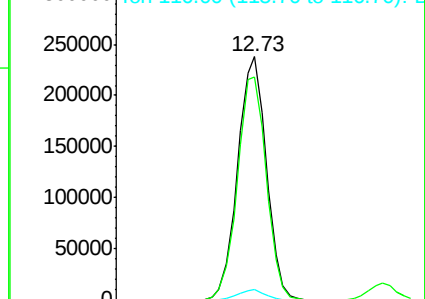
142 100

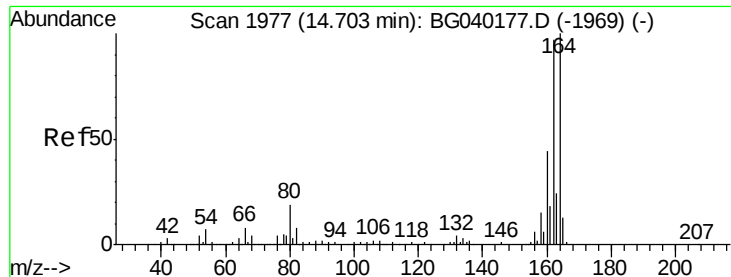
141 91.8 74.2 111.4

116 4.2 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

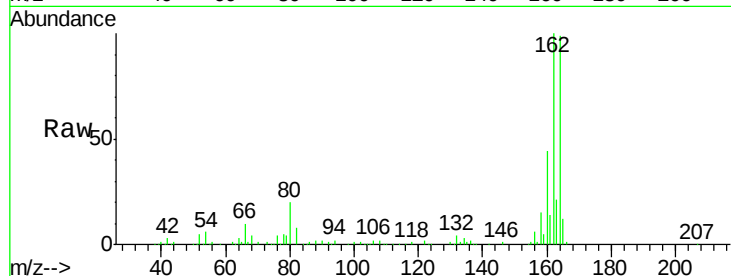
Tot Ion:164 Resp: 165066

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

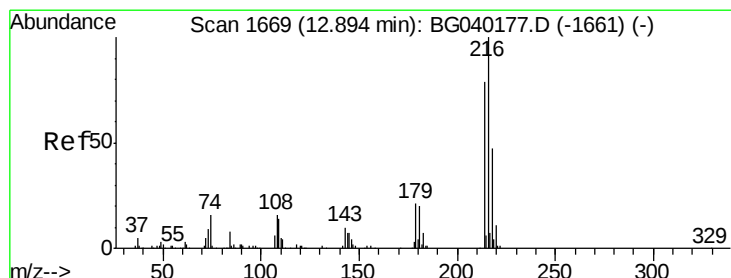
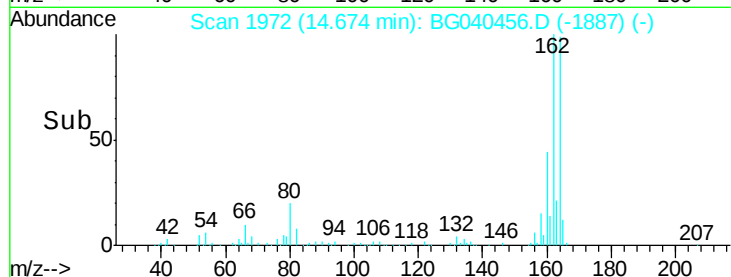
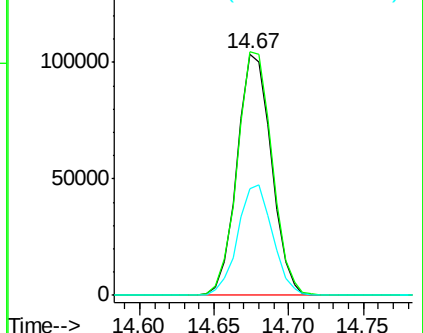
160 44.2 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.151 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:216 Resp: 210649

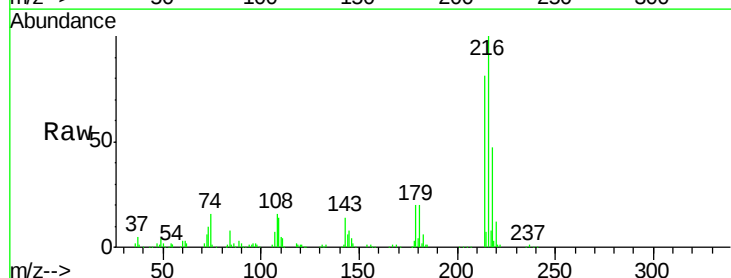
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 21.1 16.6 25.0

108 19.7 13.8 20.8

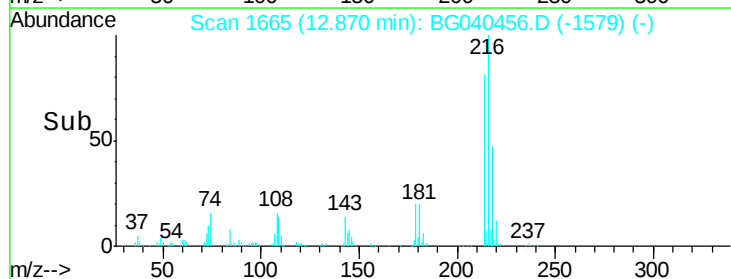
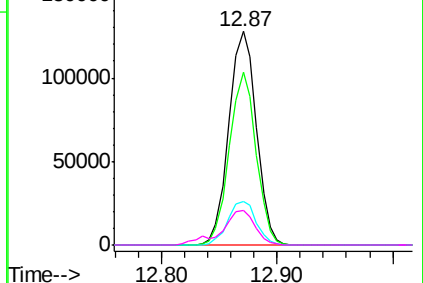


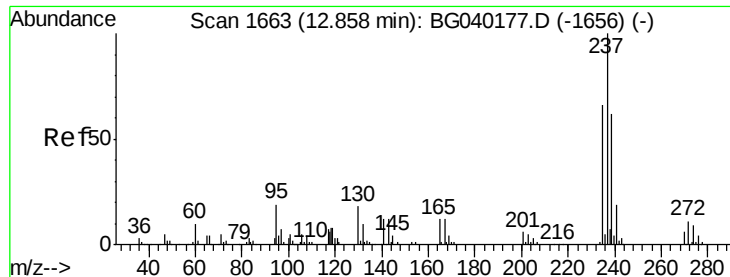
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.328 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

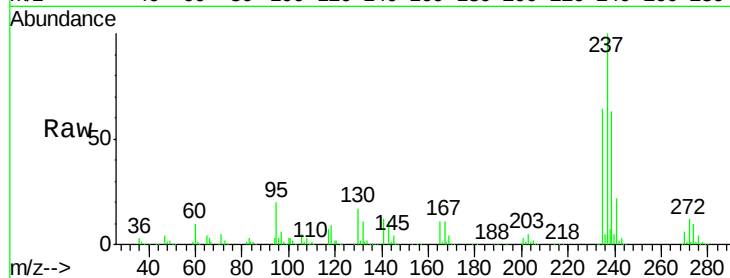
Tot Ion:237 Resp: 228516

Ion Ratio Lower Upper

237 100

235 64.0 46.2 86.2

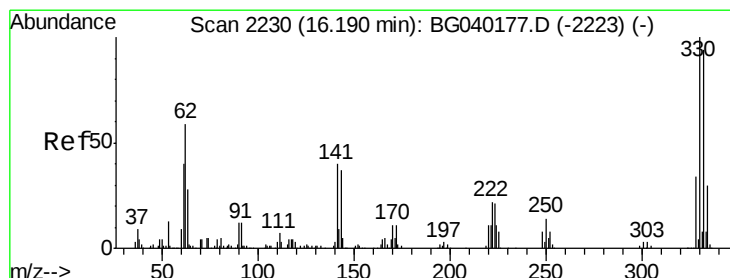
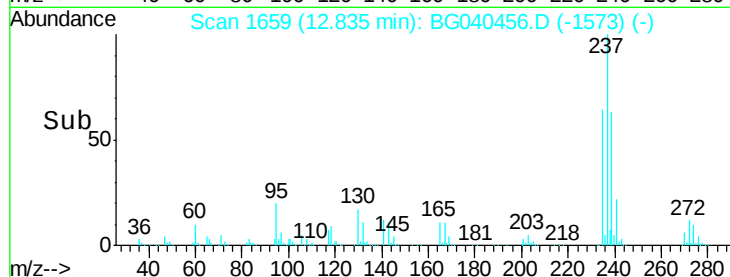
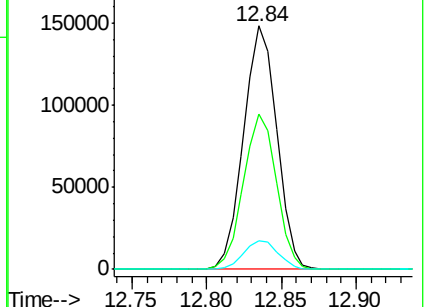
272 11.6 0.0 30.5



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: 146.452 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

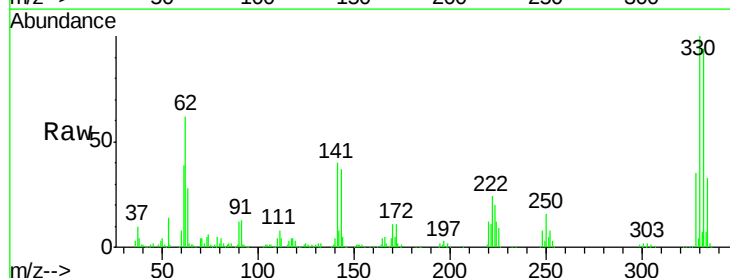
Tgt Ion:330 Resp: 261261

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

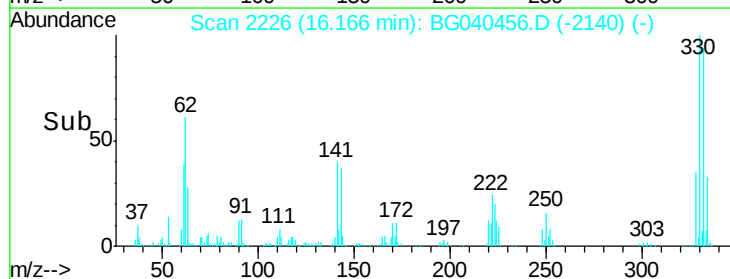
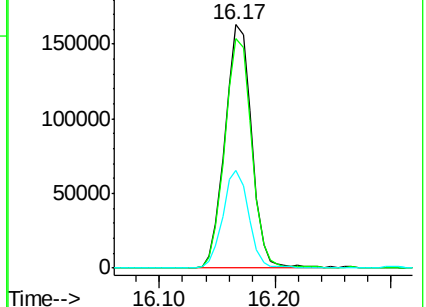
141 39.1 32.6 48.8

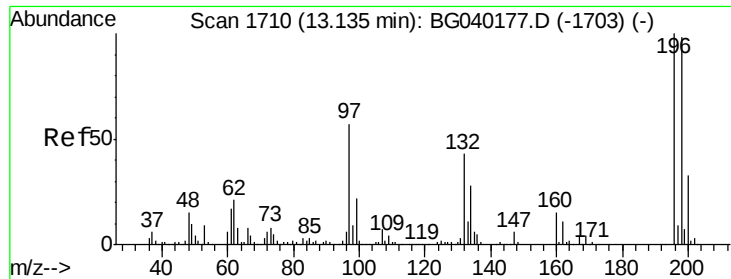


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

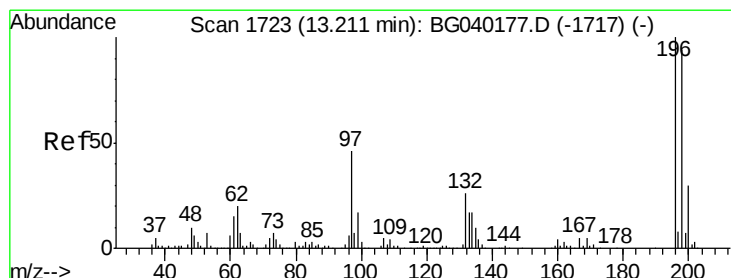
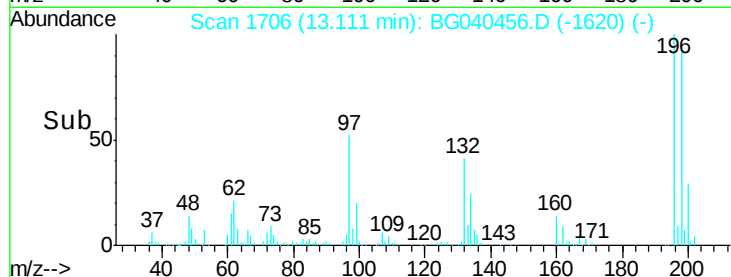
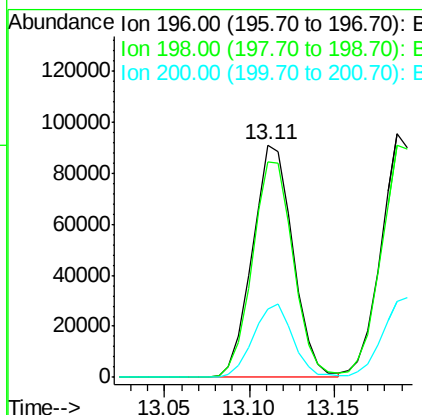
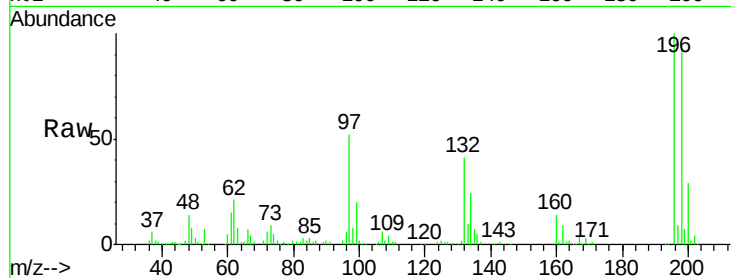




#43
 2,4,6-Trichlorophenol
 Concen: 44.635 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

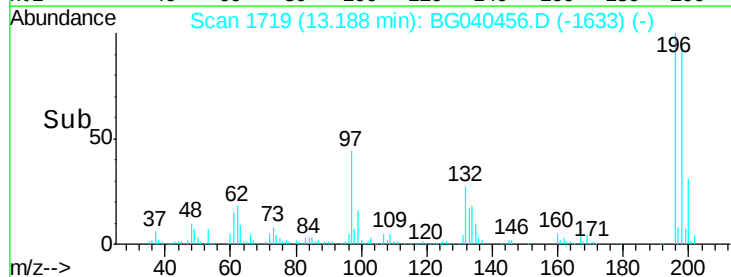
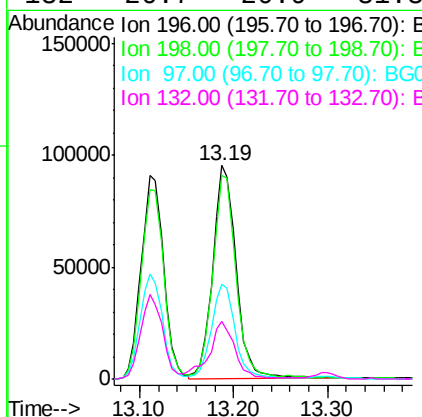
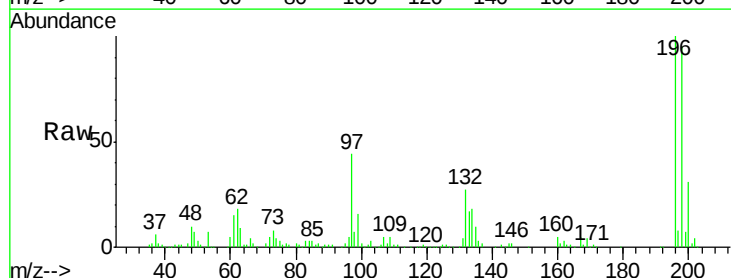
Instrument :
 BNA_G
 ClientSampleId :

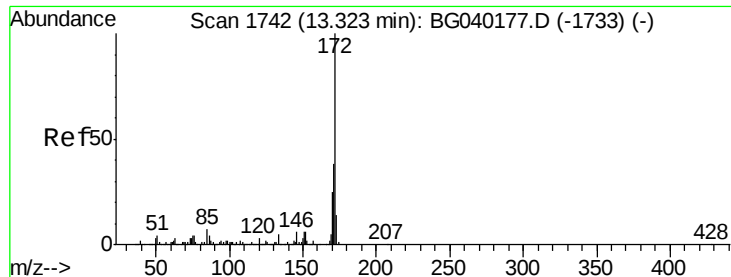
Tot Ion:196 Resp: 150979
 Ion Ratio Lower Upper
 196 100
 198 92.7 78.3 117.5
 200 29.5 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.277 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion:196 Resp: 166929
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.0 112.6
 97 44.1 37.3 55.9
 132 26.7 20.9 31.3

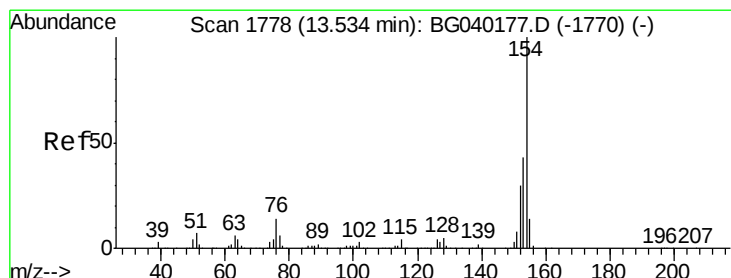
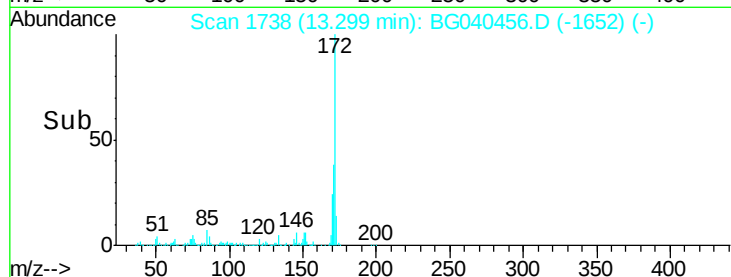
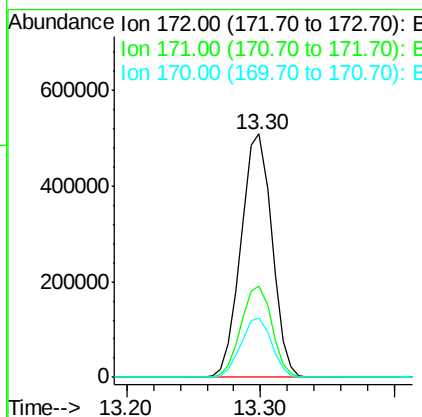
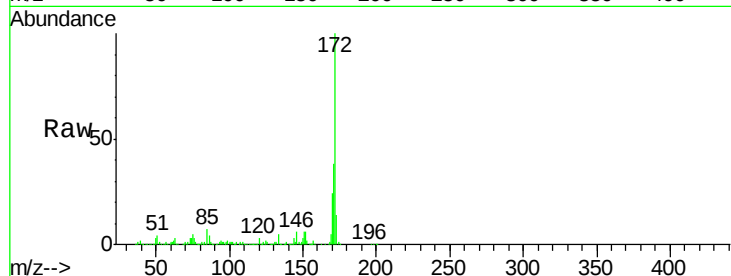




#45
2-Fluorobiphenyl
Concen: 73.163 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

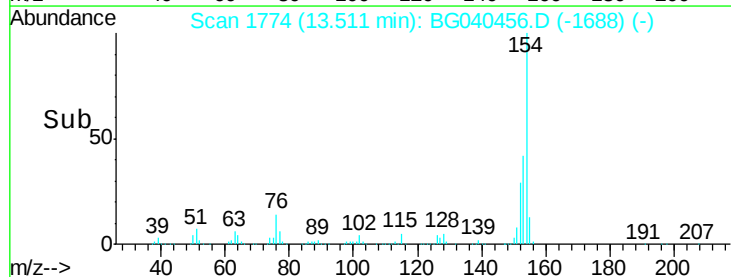
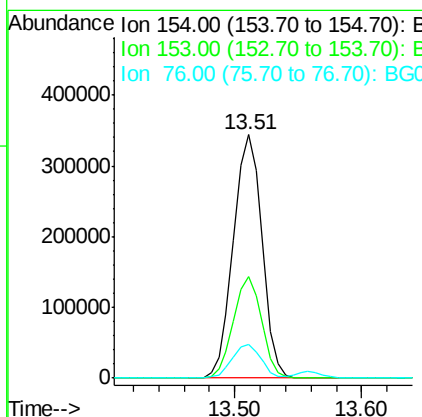
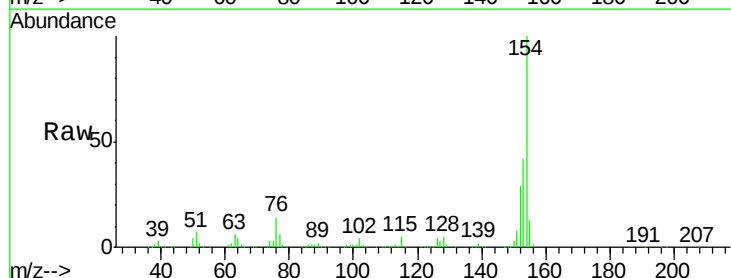
Instrument :
BNA_G
ClientSampleId :

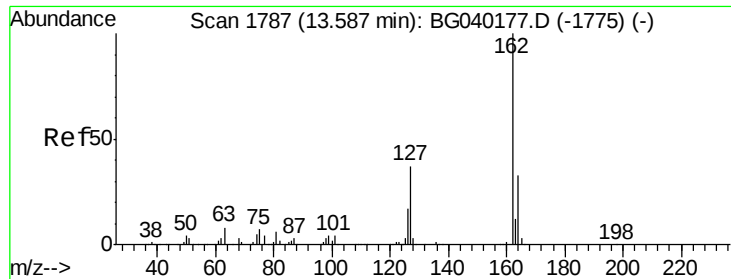
Tot Ion:172 Resp: 815025
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 24.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 41.114 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:154 Resp: 536221
Ion Ratio Lower Upper
154 100
153 41.7 22.5 62.5
76 13.6 0.0 33.7





#47

2-Chloronaphthalene

Concen: 41.741 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

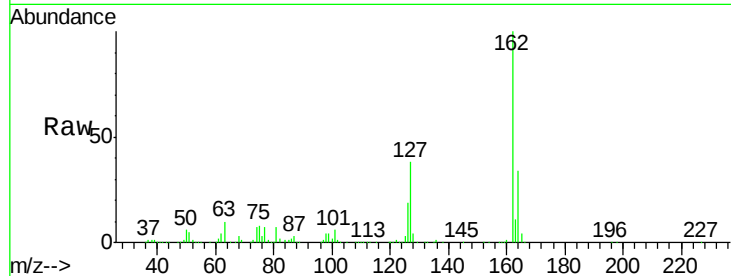
Tot Ion:162 Resp: 417593

Ion Ratio Lower Upper

162 100

127 38.1 30.6 45.8

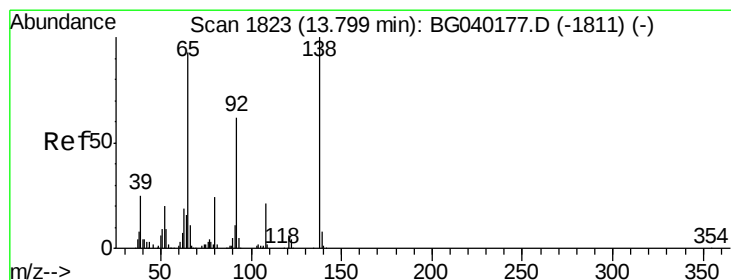
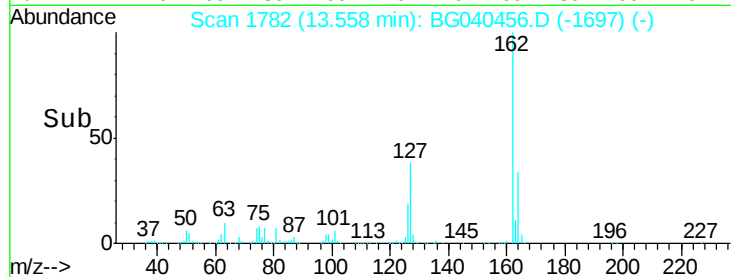
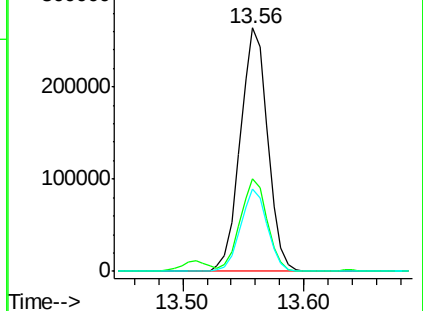
164 33.6 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.051 ng

RT: 13.77 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

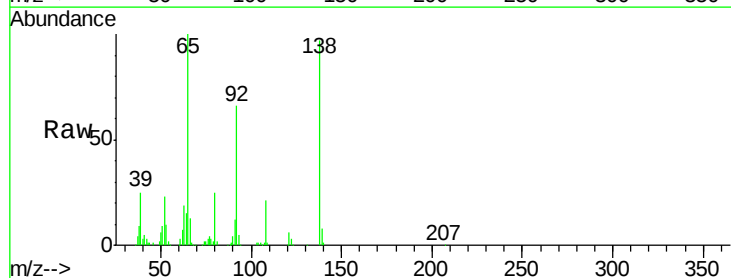
Tgt Ion: 65 Resp: 152028

Ion Ratio Lower Upper

65 100

92 66.5 53.8 80.6

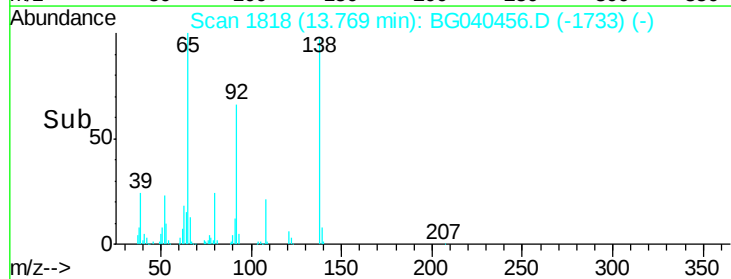
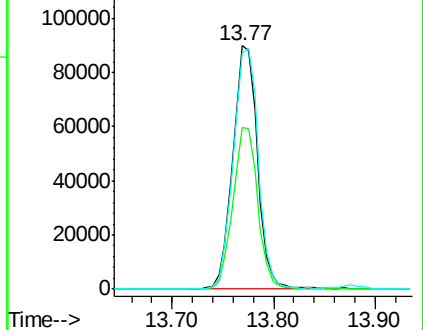
138 96.9 86.3 129.5

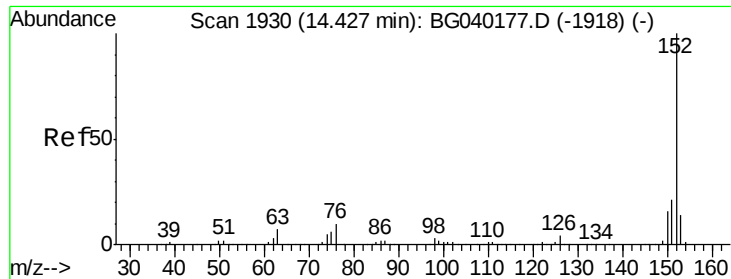


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.765 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampled :

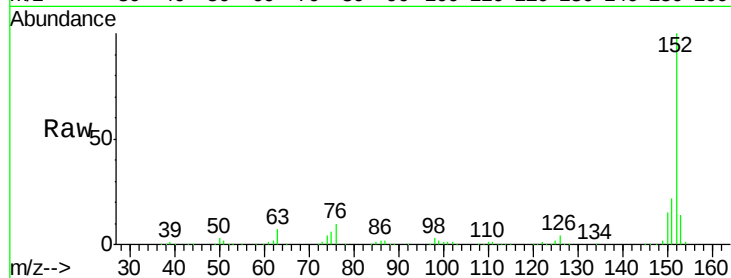
Tot Ion:152 Resp: 691460

Ion Ratio Lower Upper

152 100

151 22.3 17.0 25.6

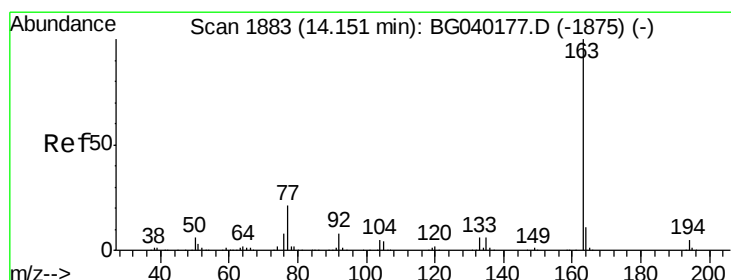
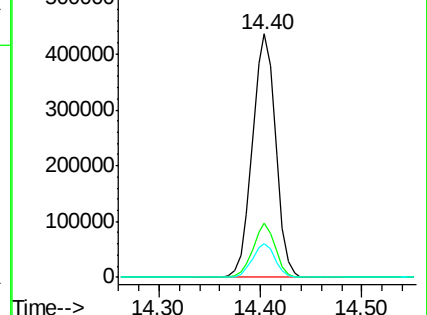
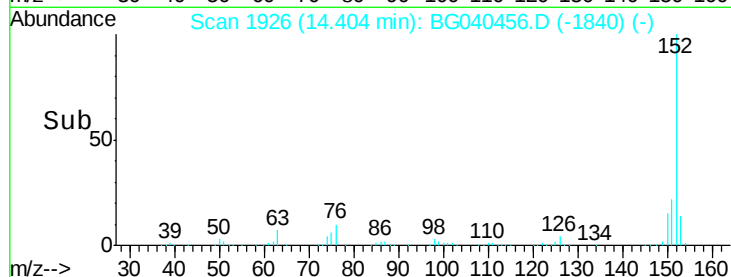
153 14.0 10.8 16.2



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: 42.768 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

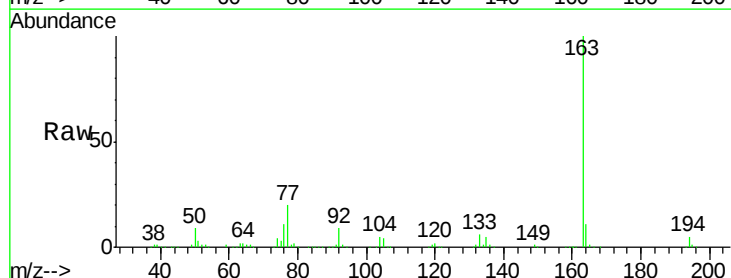
Tgt Ion:163 Resp: 552512

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

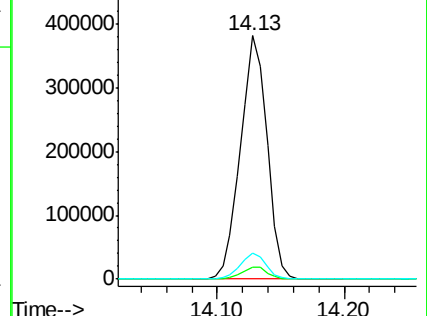
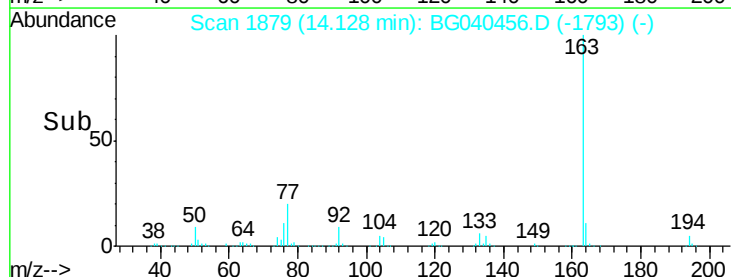
164 10.6 8.6 13.0

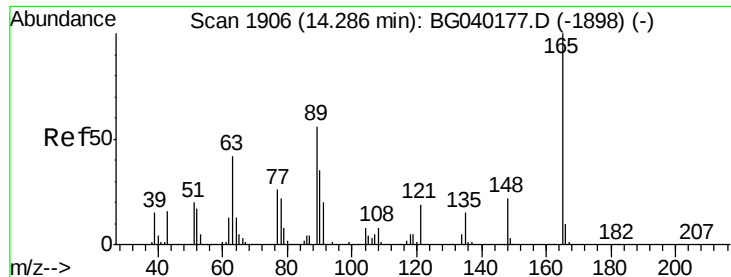


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

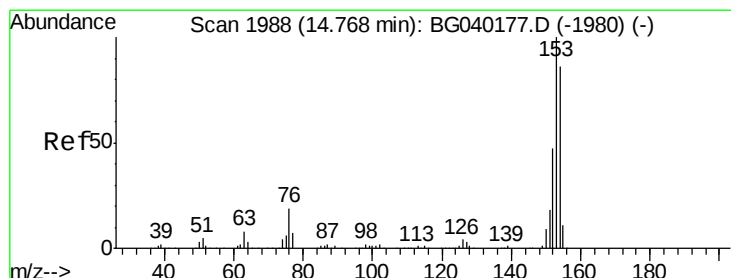
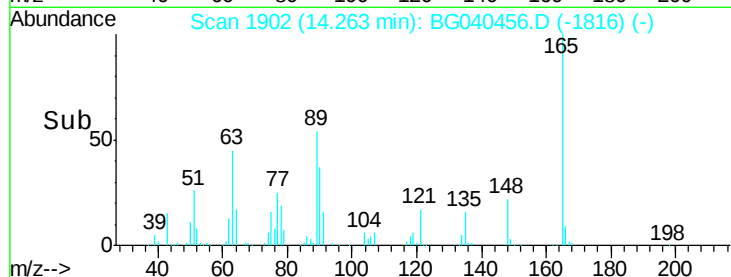
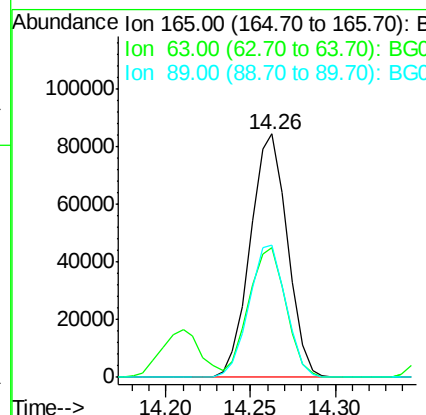
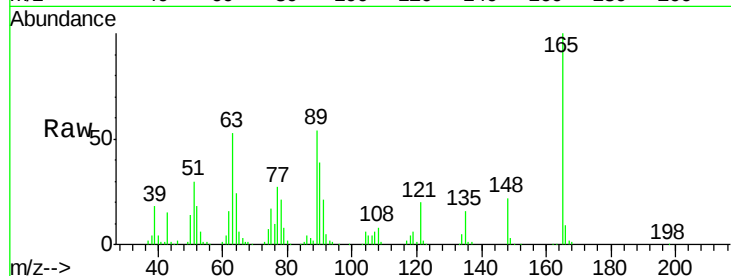




#51
 2,6-Dinitrotoluene
 Concen: 44.442 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

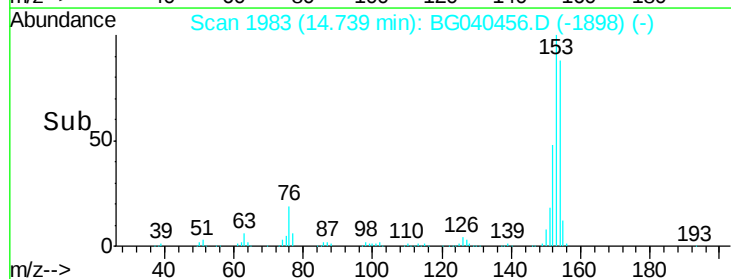
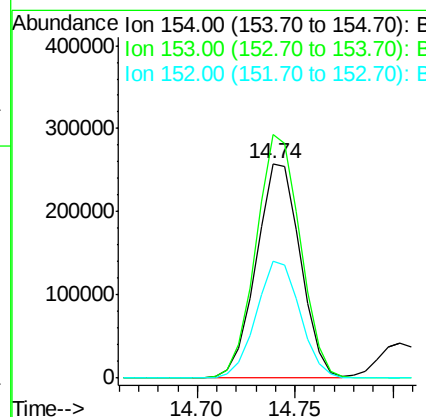
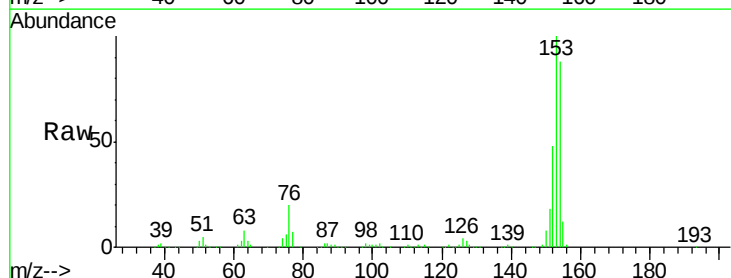
Instrument :
 BNA_G
 ClientSampleId :

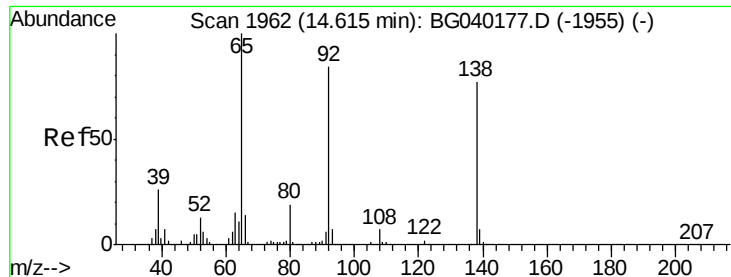
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.4	44.1	66.1
89	54.3	44.9	67.3



#52
 Acenaphthene
 Concen: 41.624 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.8	139.2
152	54.5	43.4	65.2





#53

3-Nitroaniline

Concen: 34.396 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

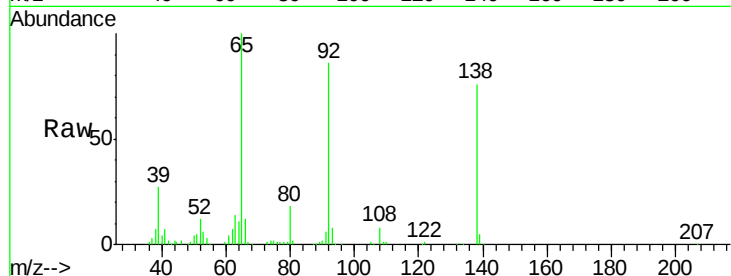
Tot Ion:138 Resp: 105613

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

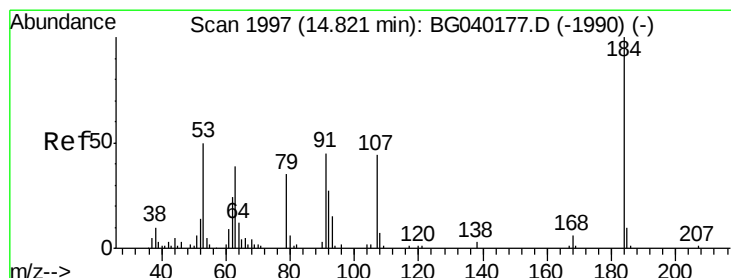
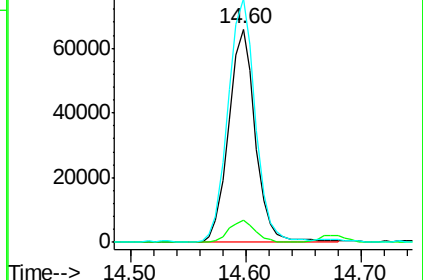
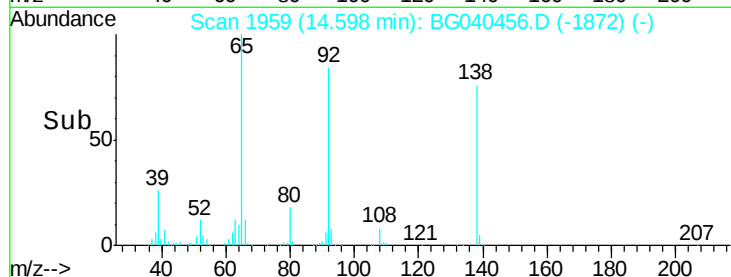
92 114.1 87.5 131.3



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: 81.952 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

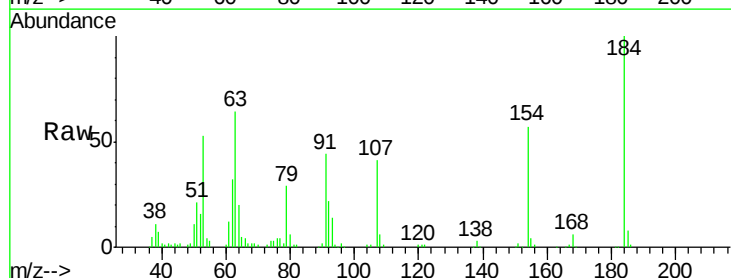
Tgt Ion:184 Resp: 126424

Ion Ratio Lower Upper

184 100

63 63.8 51.8 77.8

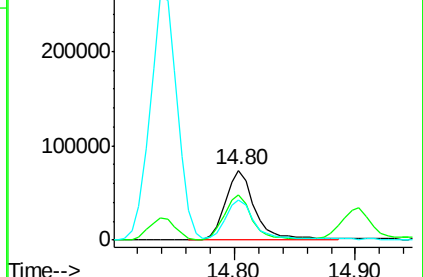
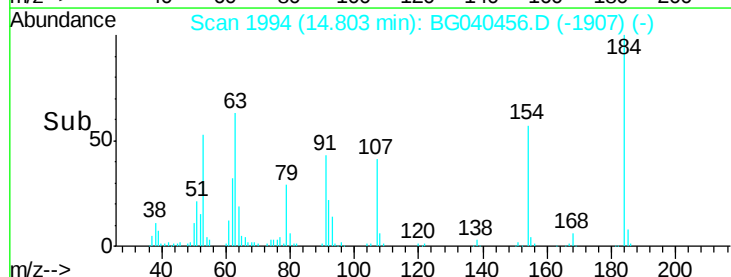
154 57.0 50.9 76.3

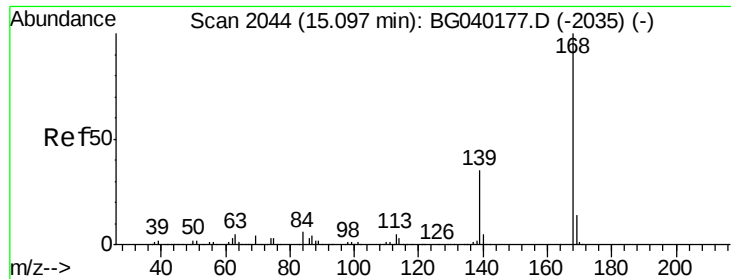


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

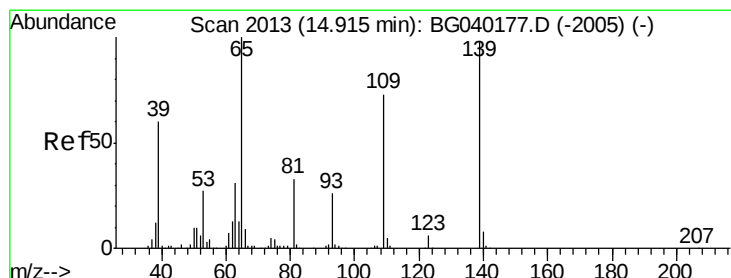
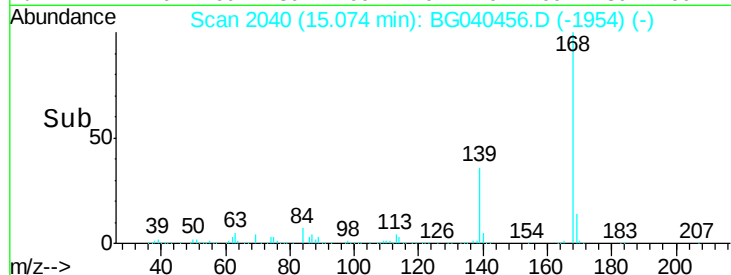
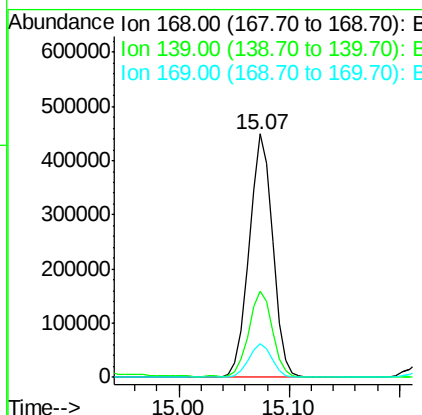
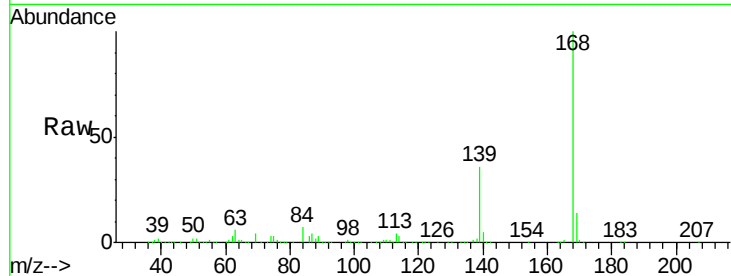




#55
Dibenzenofuran
Concen: 43.105 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

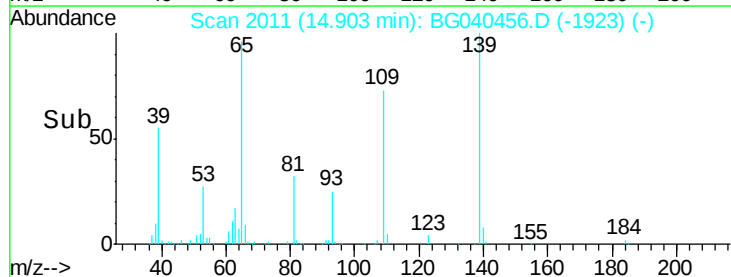
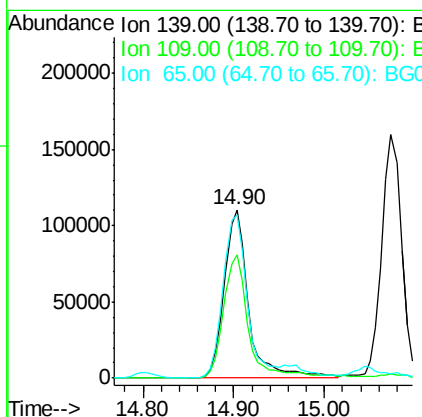
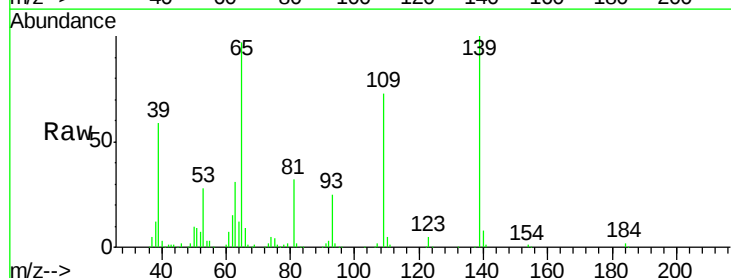
Instrument :
BNA_G
ClientSampleId :

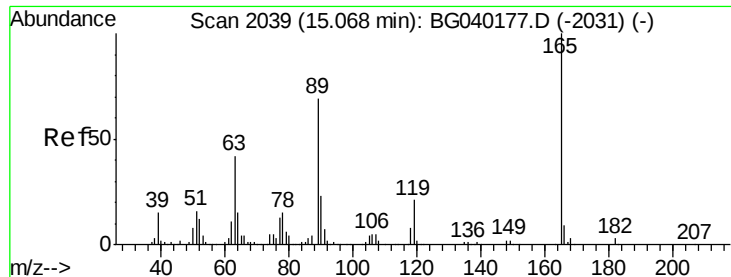
Tot Ion:168 Resp: 673211
Ion Ratio Lower Upper
168 100
139 35.5 27.9 41.9
169 13.9 11.3 16.9



#56
4-Nitrophenol
Concen: 83.549 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:139 Resp: 207046
Ion Ratio Lower Upper
139 100
109 72.8 54.3 94.3
65 96.7 82.5 122.5

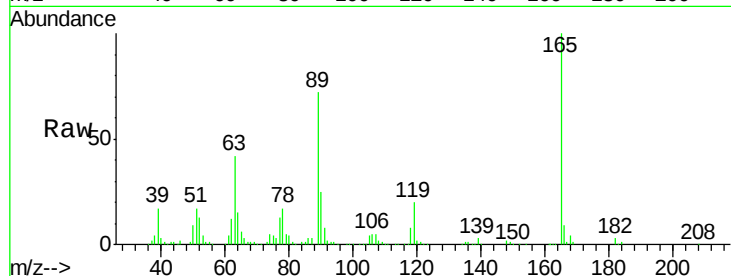




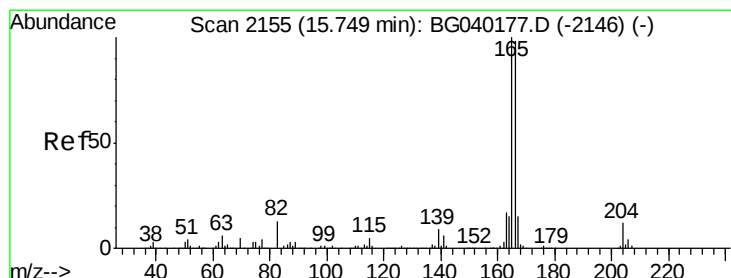
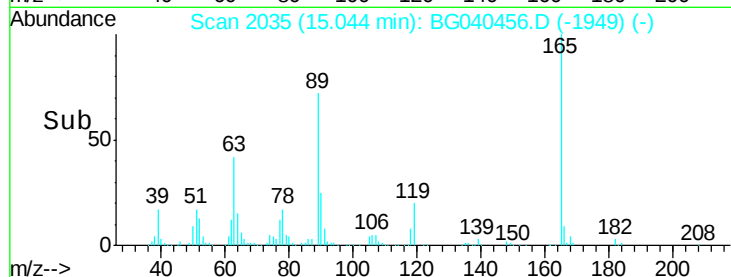
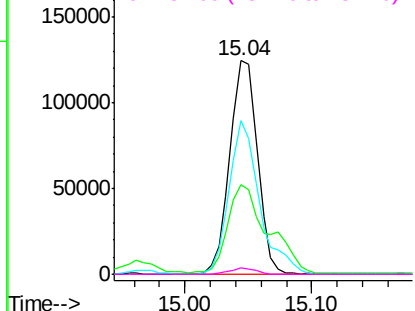
#57
2,4-Dinitrotoluene
Concen: 46.575 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 187726
Ion Ratio Lower Upper
165 100
63 42.2 33.8 50.6
89 71.7 55.4 83.2
182 3.6 2.2 3.4#

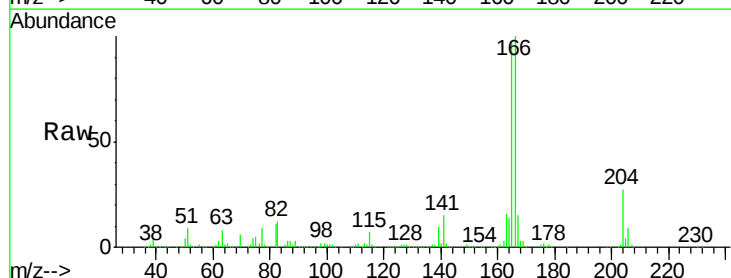


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

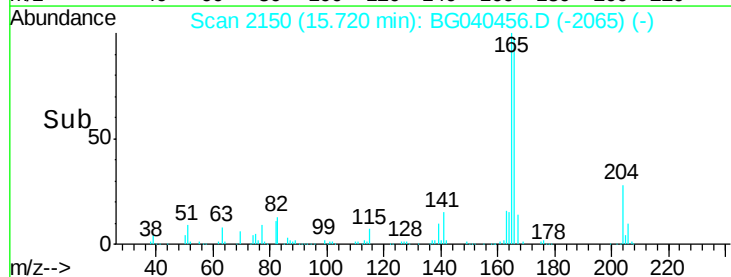
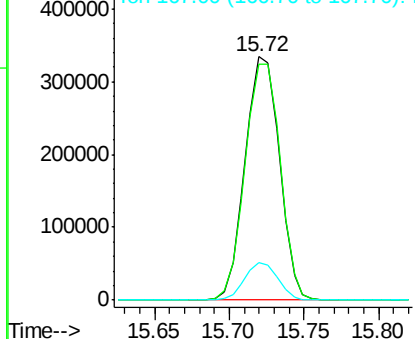


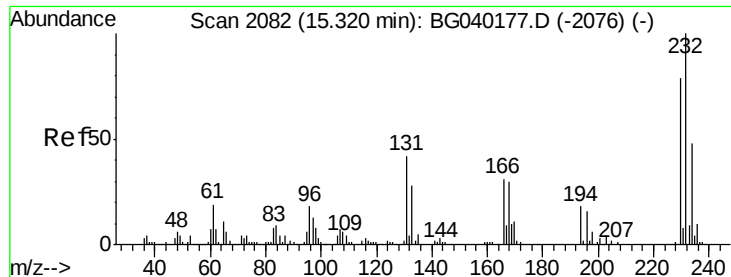
#58
Fluorene
Concen: 43.411 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:166 Resp: 533052
Ion Ratio Lower Upper
166 100
165 96.8 81.7 122.5
167 15.3 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: 47.253 ng

RT: 15.30 min Scan# 2078

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 158092

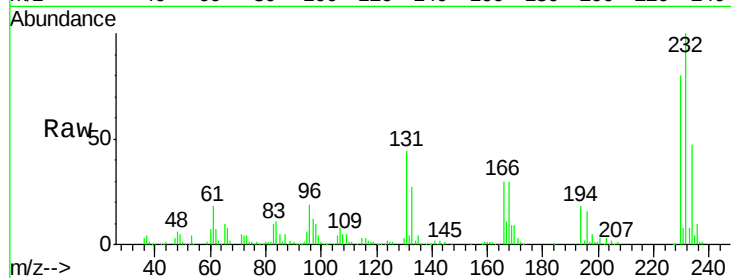
Ion Ratio Lower Upper

232 100

131 43.2 32.9 49.3

130 2.4 1.8 2.8

166 29.3 23.5 35.3

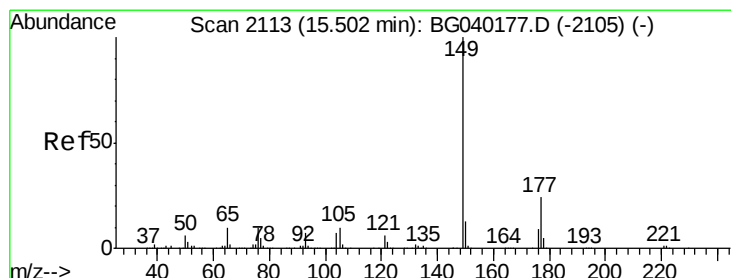
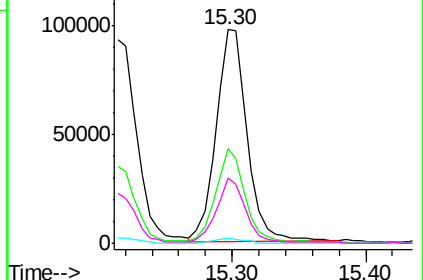
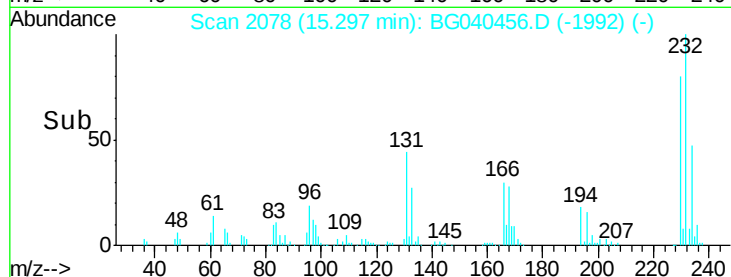


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.672 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

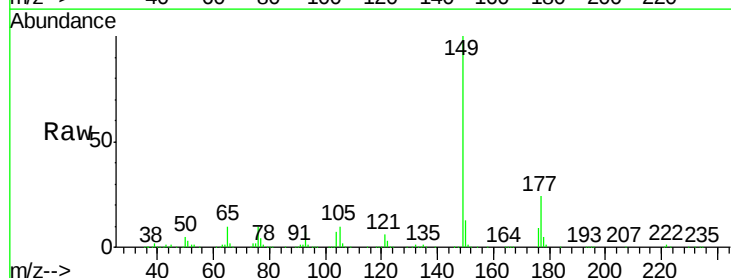
Tgt Ion:149 Resp: 590552

Ion Ratio Lower Upper

149 100

177 23.8 19.1 28.7

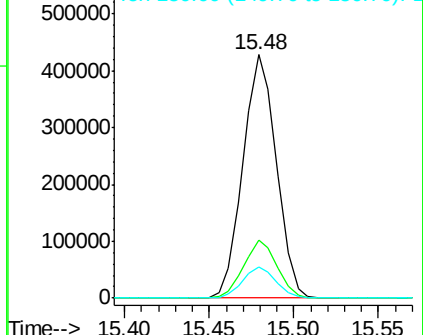
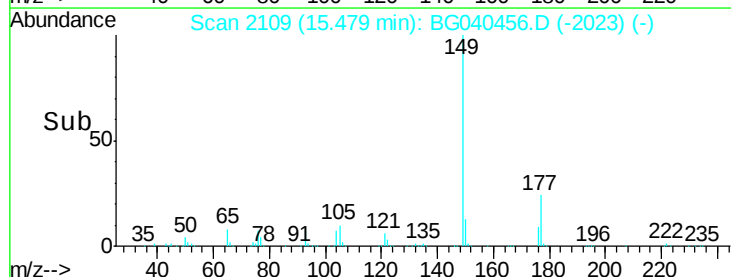
150 12.7 10.6 15.8

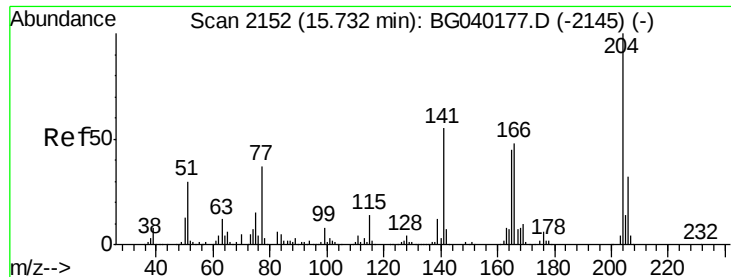


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

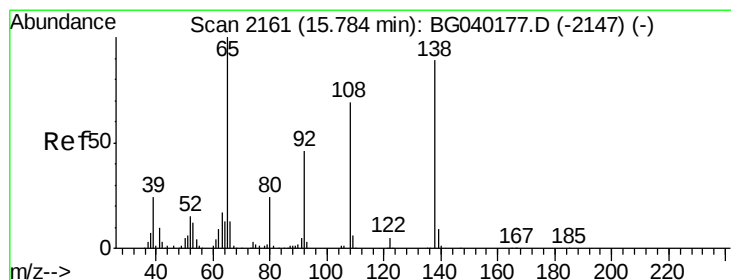
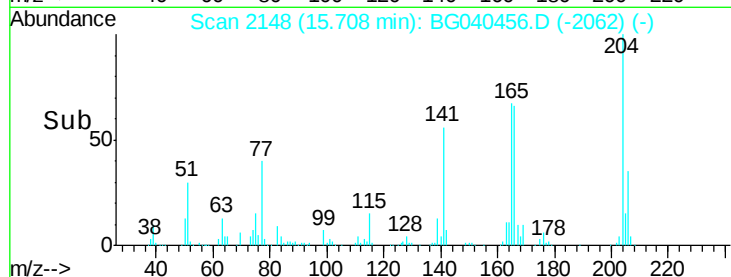
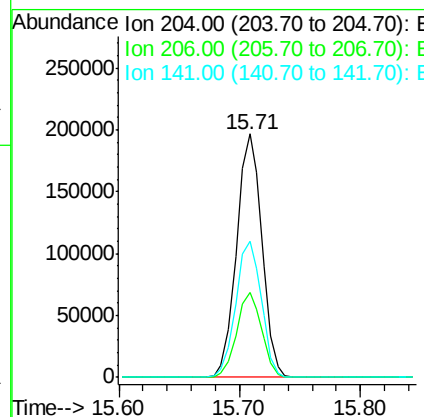
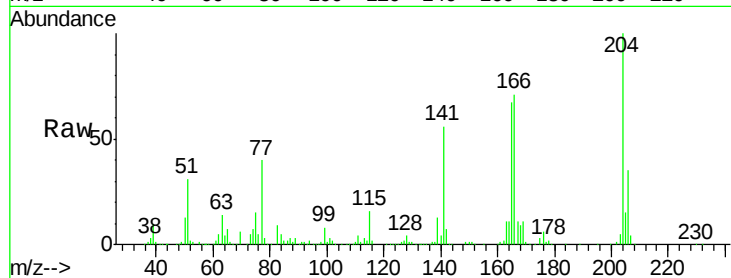




#61
 4-Chlorophenyl-phenylether
 Concen: 43.733 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

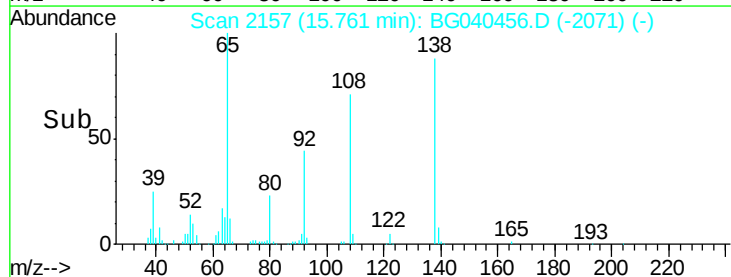
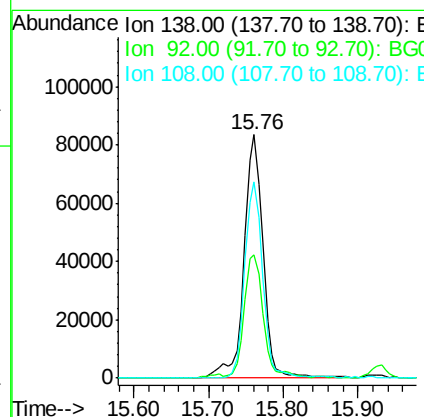
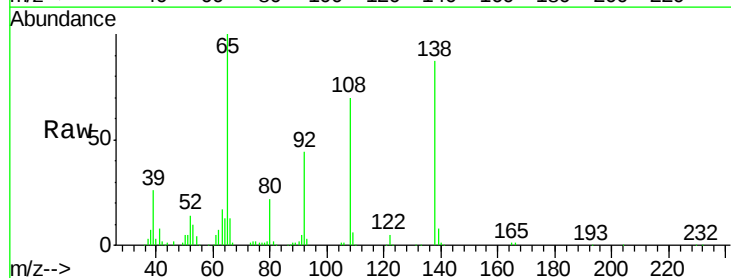
Instrument :
 BNA_G
 ClientSampleId :

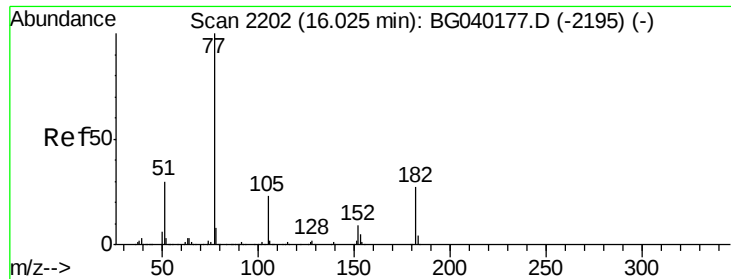
Tot Ion:204 Resp: 287042
 Ion Ratio Lower Upper
 204 100
 206 35.1 25.7 38.5
 141 55.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 44.950 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion:138 Resp: 148118
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.8 71.8
 108 80.8 57.2 97.2

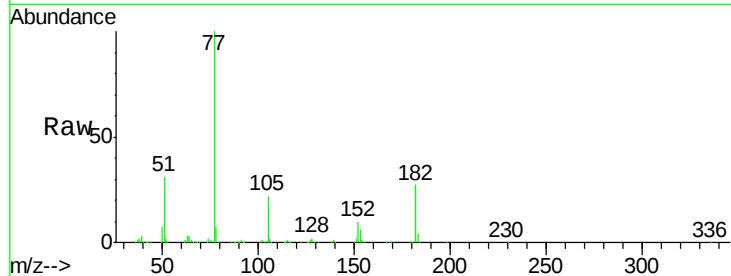




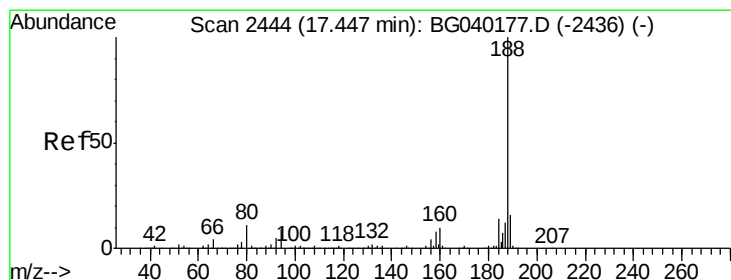
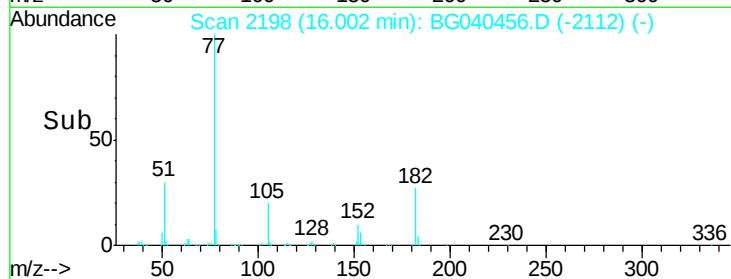
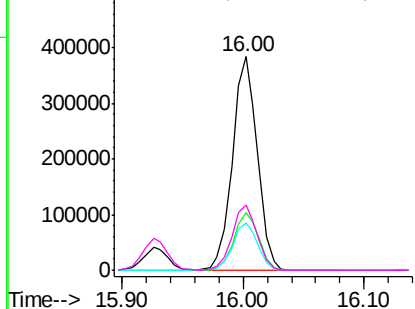
#63
Azobenzene
Concen: 43.780 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	545911
Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.2	47.2
105	22.0	2.8	42.8
51	30.5	10.4	50.4

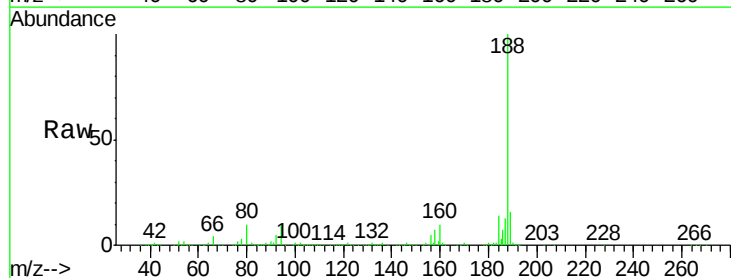


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

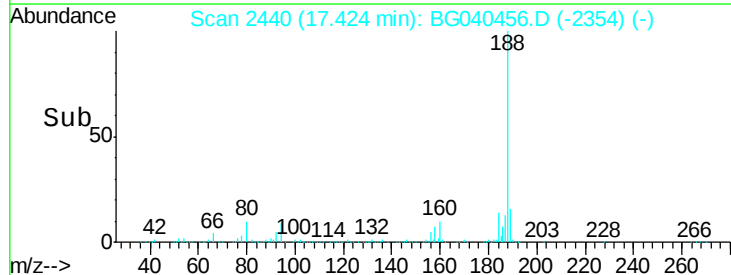
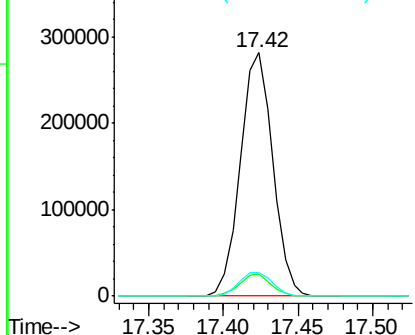


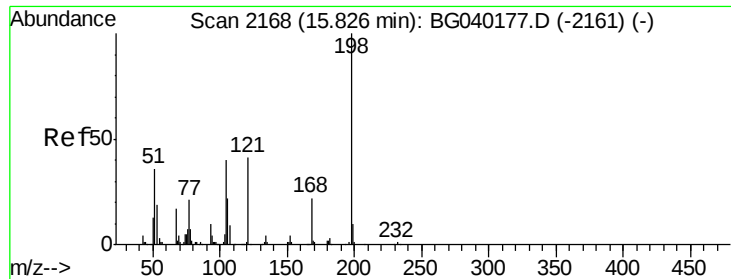
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:	188	Resp:	424050
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	9.7	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

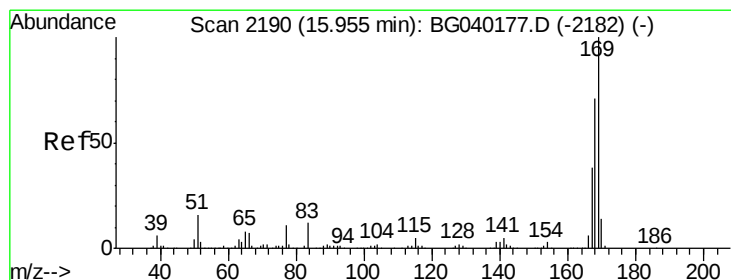
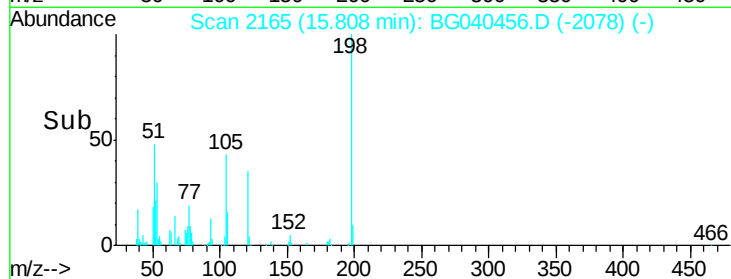
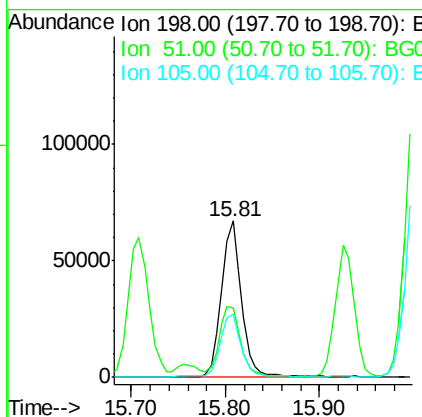
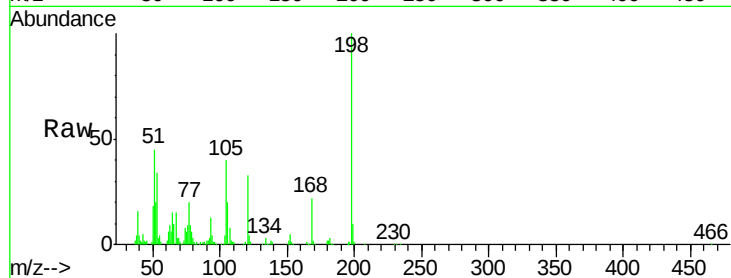




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.501 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

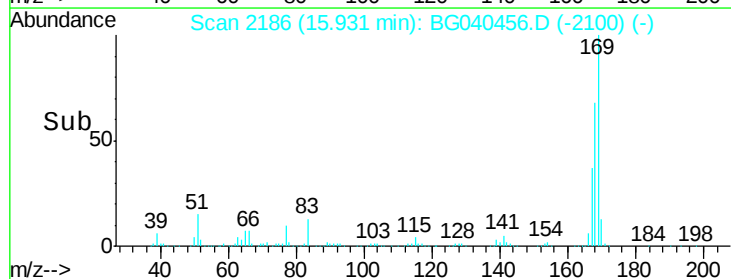
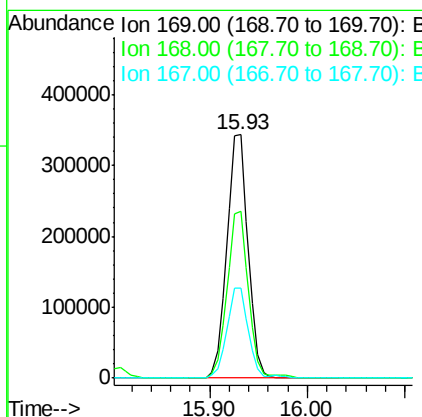
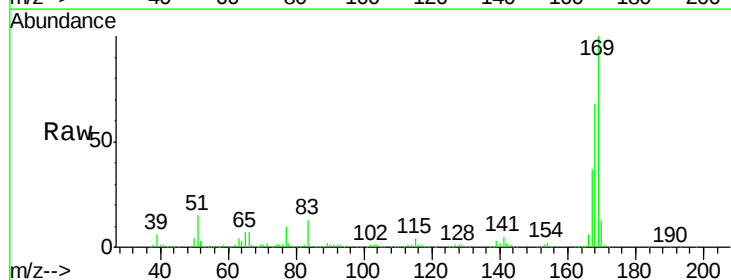
Instrument :
 BNA_G
 ClientSampleId :

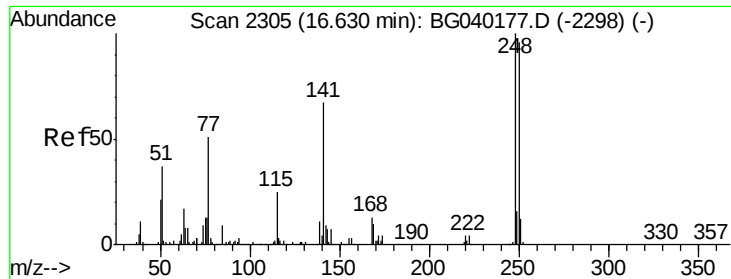
Tot Ion:198 Resp: 101254
 Ion Ratio Lower Upper
 198 100
 51 44.8 27.3 67.3
 105 40.3 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.520 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion:169 Resp: 515212
 Ion Ratio Lower Upper
 169 100
 168 68.4 56.8 85.2
 167 37.1 30.2 45.4

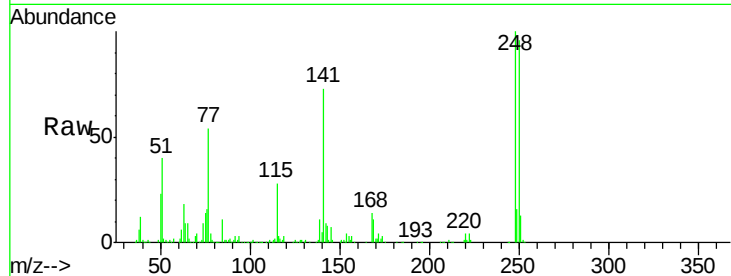




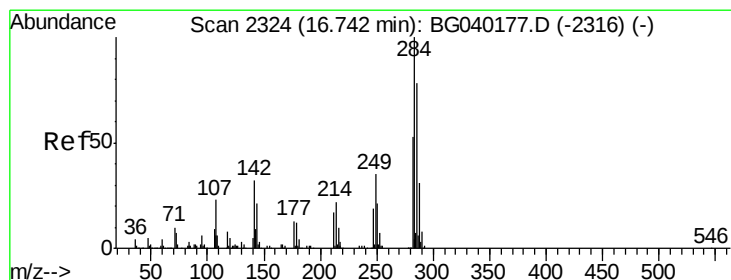
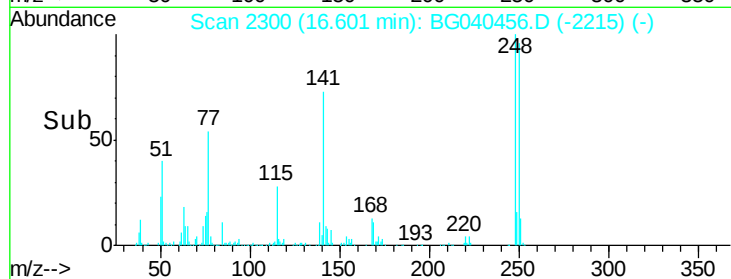
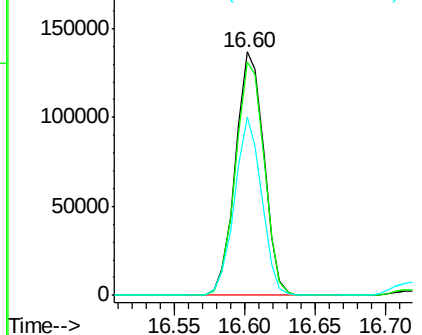
#67
 4-Bromophenyl-phenylether
 Concen: 40.247 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.4	114.6
141	73.1	53.8	80.8

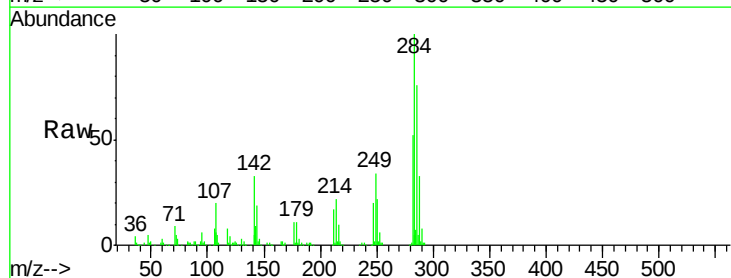


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

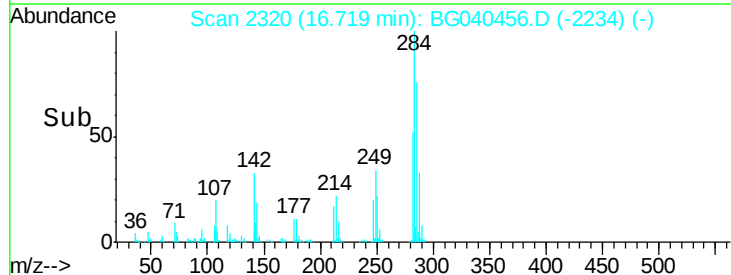
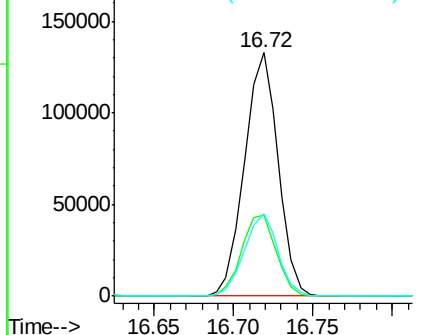


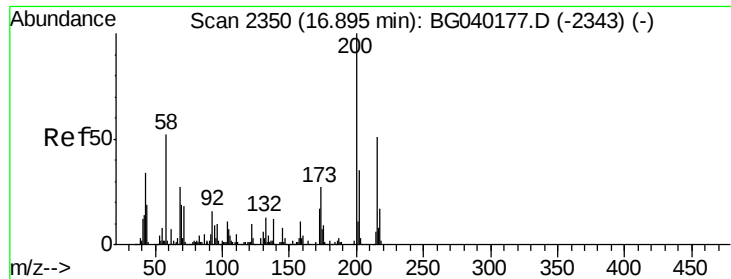
#68
 Hexachlorobenzene
 Concen: 40.733 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.3	37.9
249	34.0	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.626 ng

RT: 16.87 min Scan# 2346

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampled :

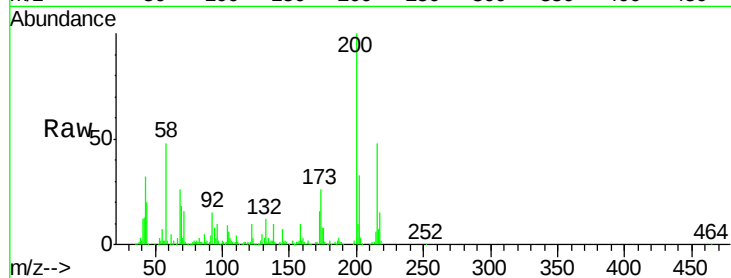
Tot Ion:200 Resp: 192147

Ion Ratio Lower Upper

200 100

173 25.5 7.1 47.1

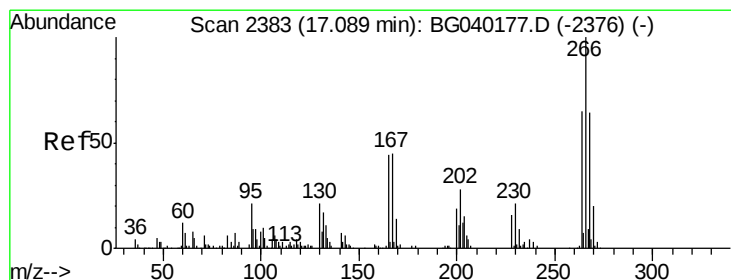
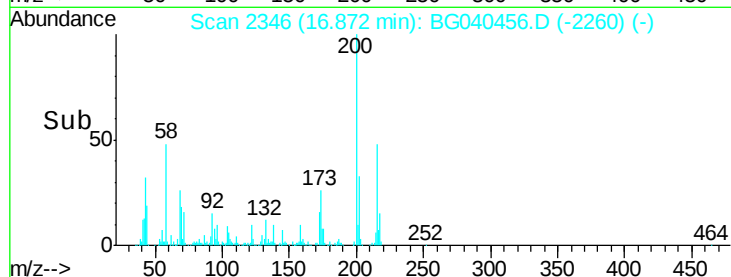
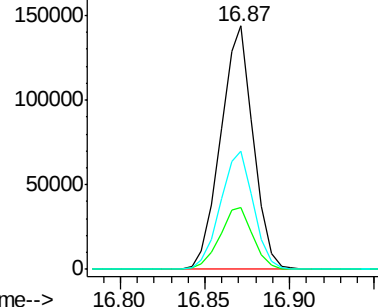
215 48.4 30.9 70.9



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: 76.800 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

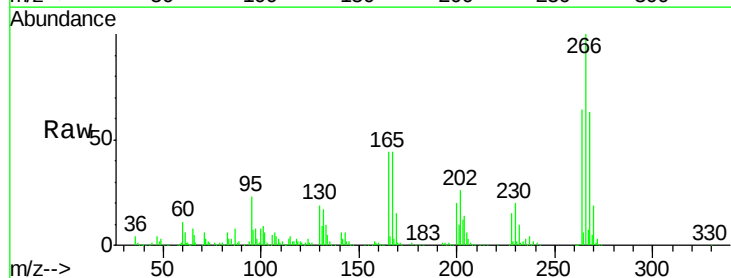
Tgt Ion:266 Resp: 213039

Ion Ratio Lower Upper

266 100

268 62.6 55.0 82.4

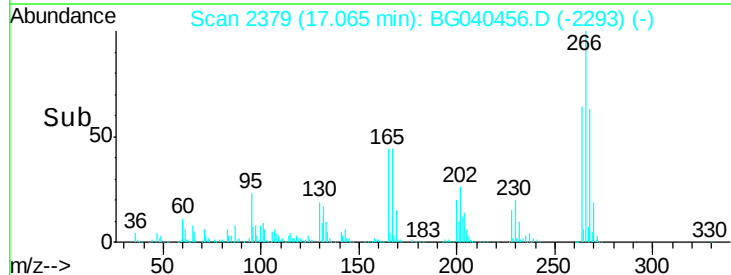
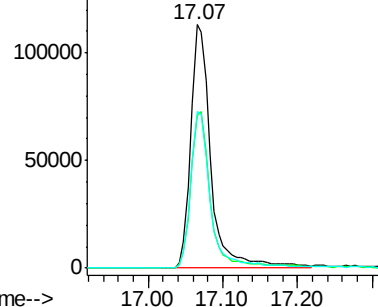
264 64.2 51.8 77.8

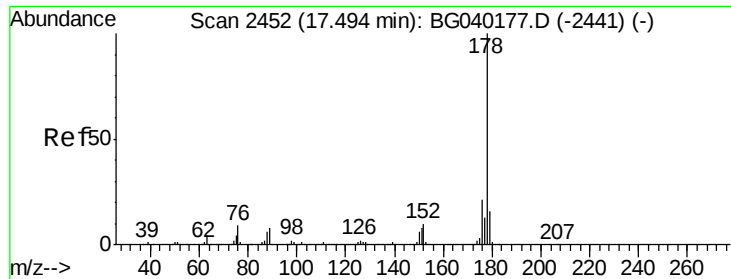


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

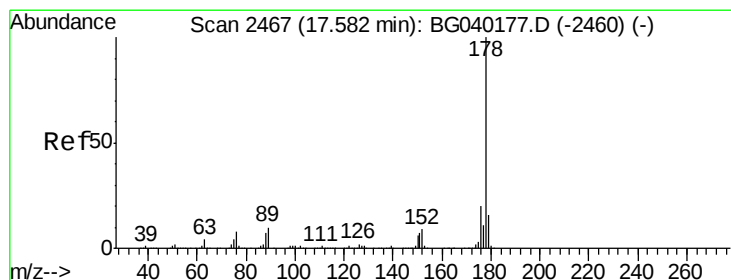
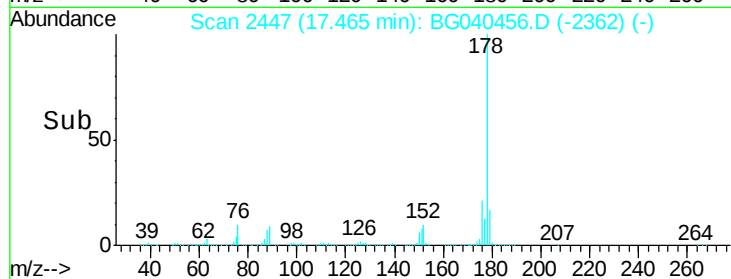
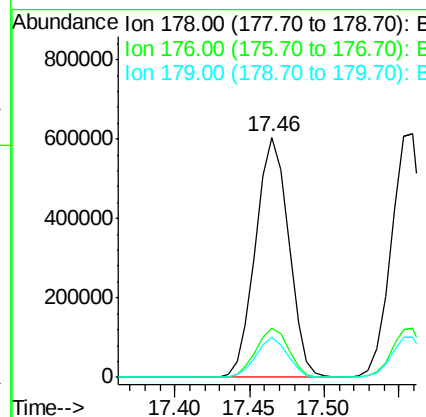
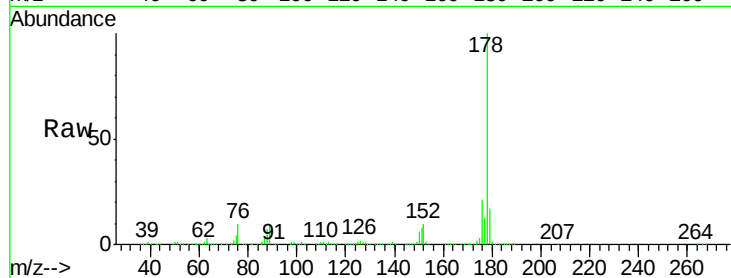




#71
Phenanthrene
Concen: 41.516 ng
RT: 17.46 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

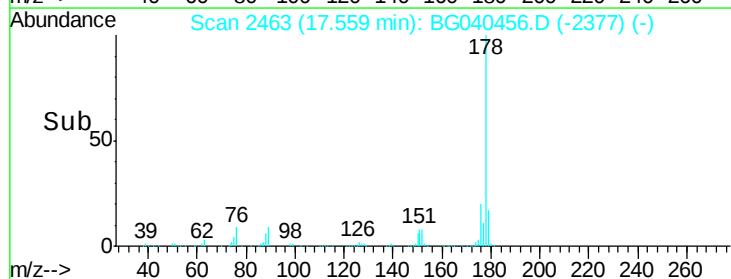
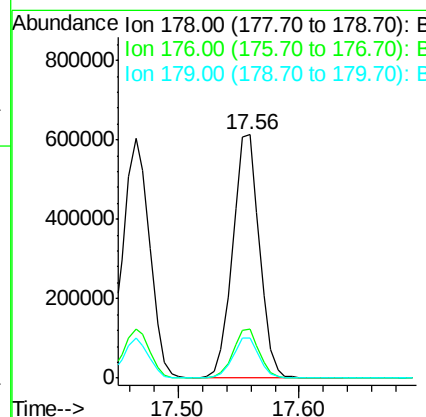
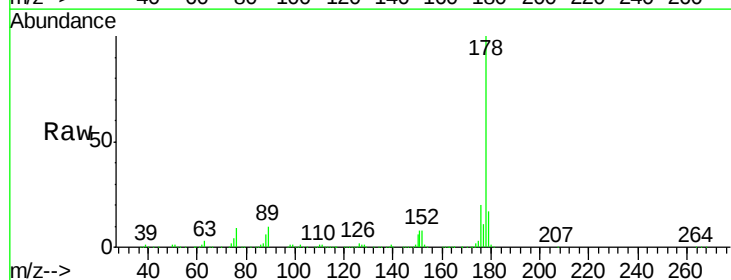
Instrument :
BNA_G
ClientSampleId :

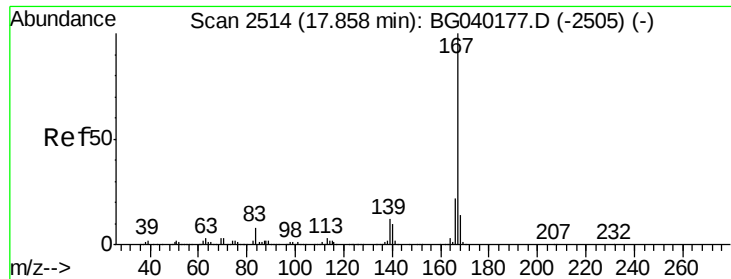
Tot Ion:178 Resp: 925337
Ion Ratio Lower Upper
178 100
176 20.7 16.7 25.1
179 16.9 12.8 19.2



#72
Anthracene
Concen: 42.221 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:178 Resp: 941917
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.6 12.9 19.3

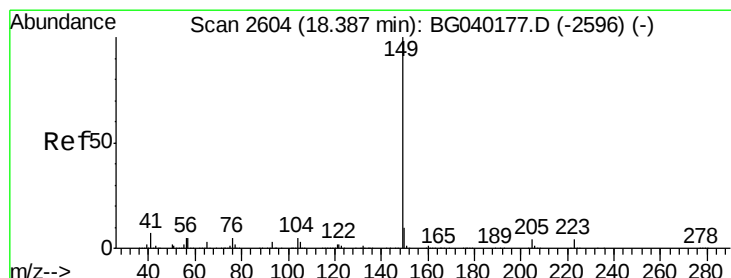
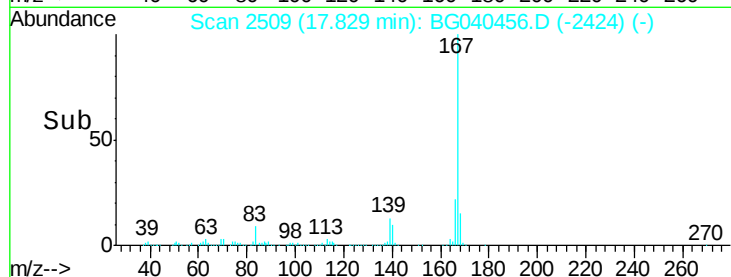
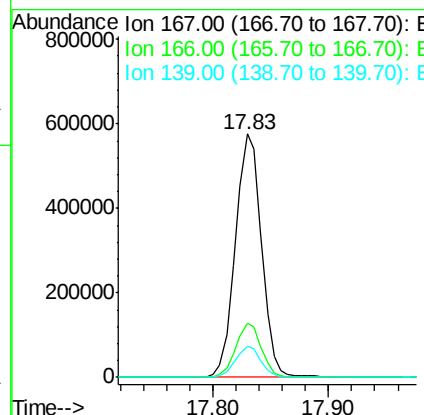
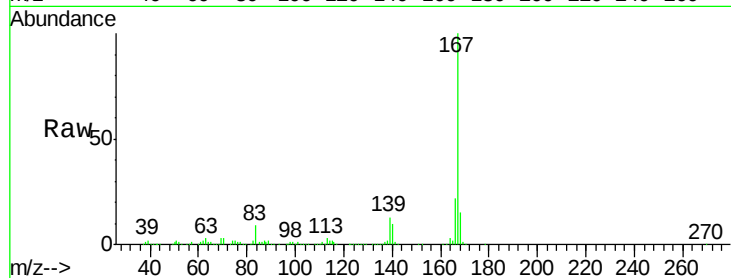




#73
 Carbazole
 Concen: 42.667 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

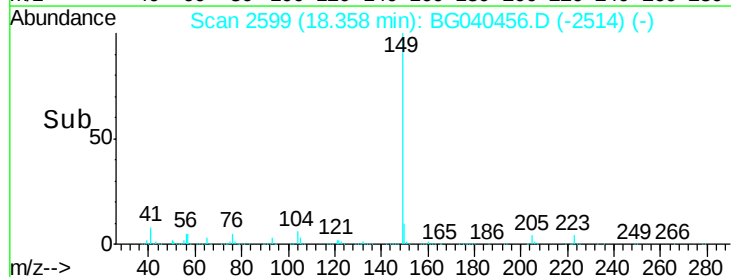
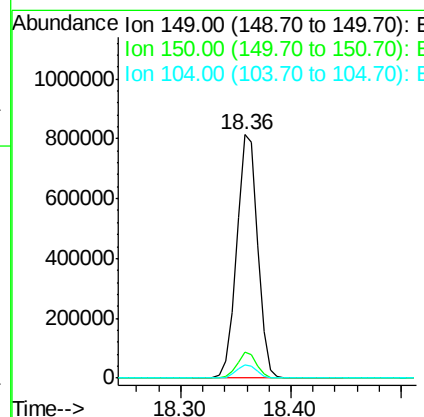
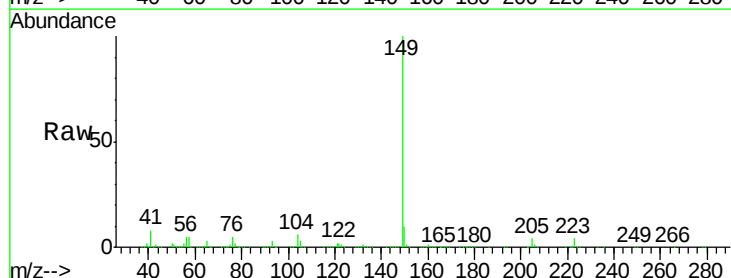
Instrument :
 BNA_G
 ClientSampleId :

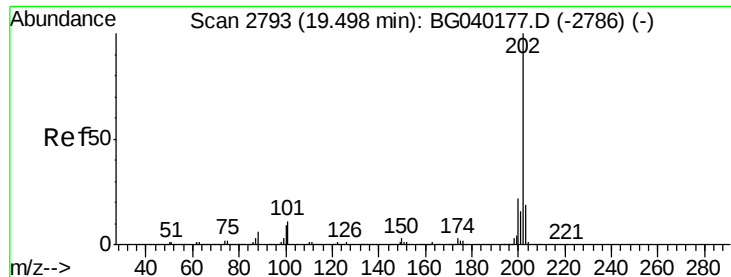
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	12.5	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 43.174 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040456.D
 Acq: 12 Apr 2019 11:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.9	11.9
104	5.5	4.1	6.1





#75

Fluoranthene

Concen: 43.132 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

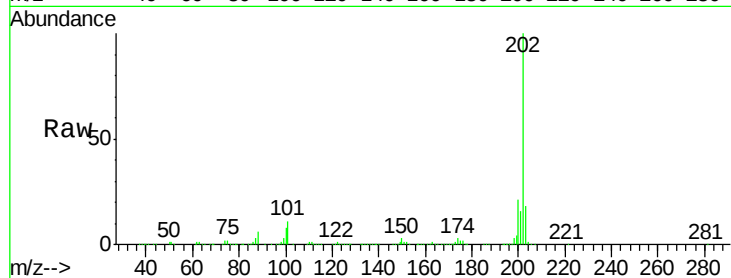
Tot Ion:202 Resp: 1138363

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.8

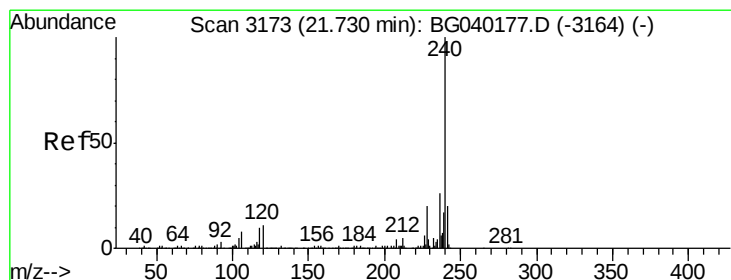
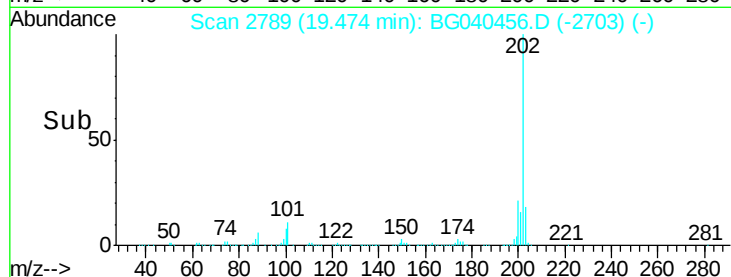
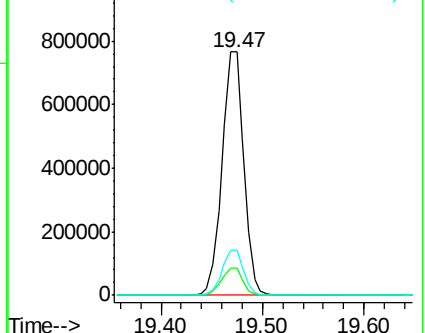
203 18.5 0.0 38.9



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: 21.70 min Scan# 3167

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

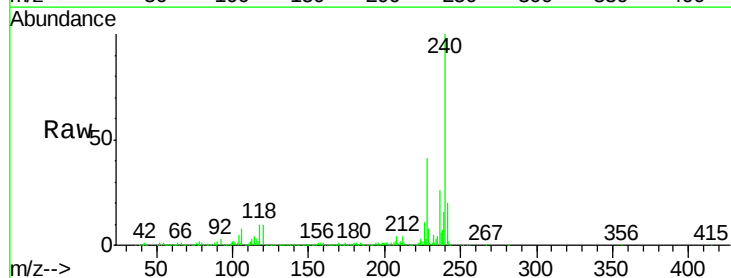
Tgt Ion:240 Resp: 416250

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

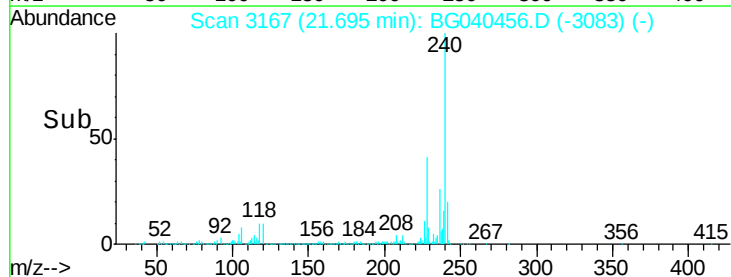
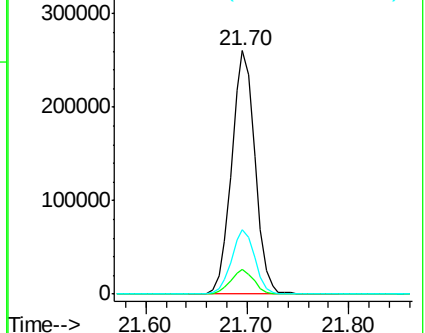
236 26.5 20.8 31.2

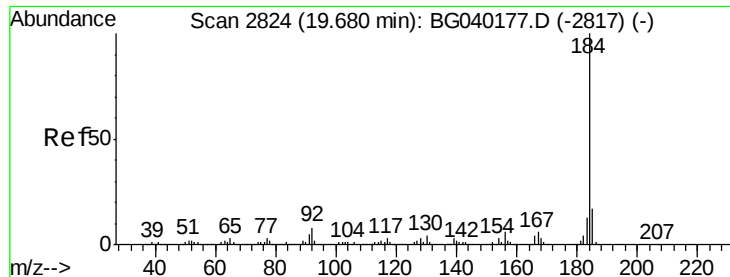


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

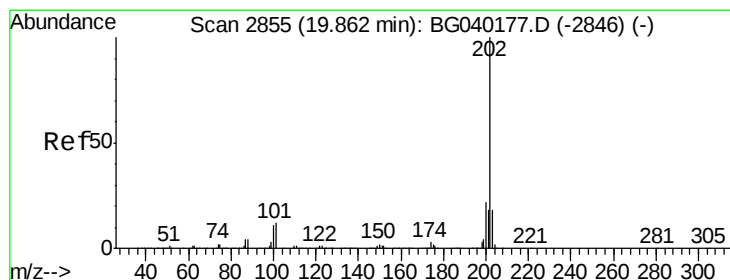
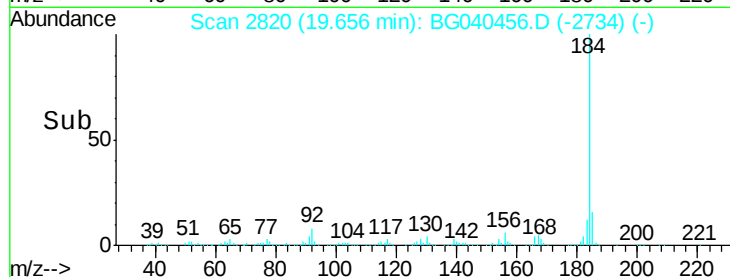
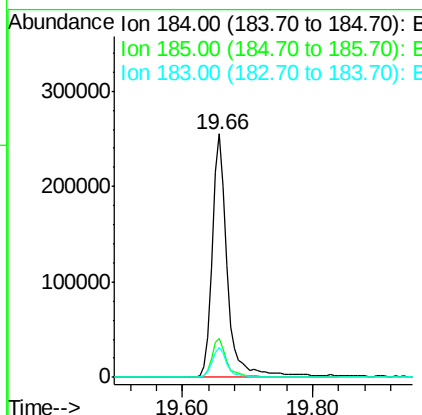
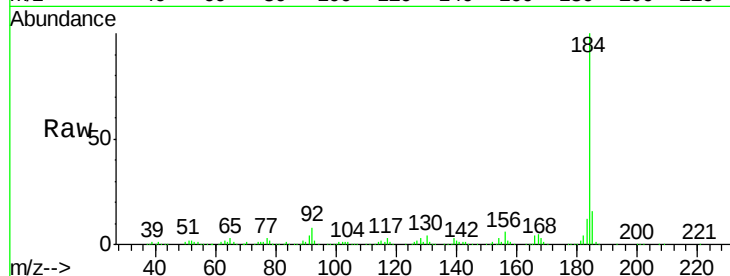




#77
Benzidine
Concen: 27.474 ng
RT: 19.66 min Scan# 2820
Delta R.T. -0.02 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

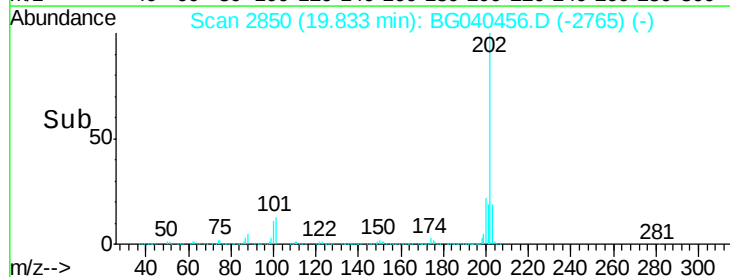
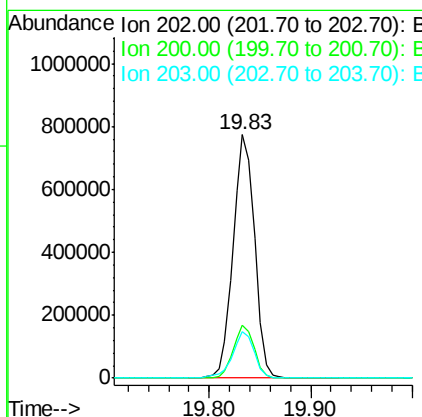
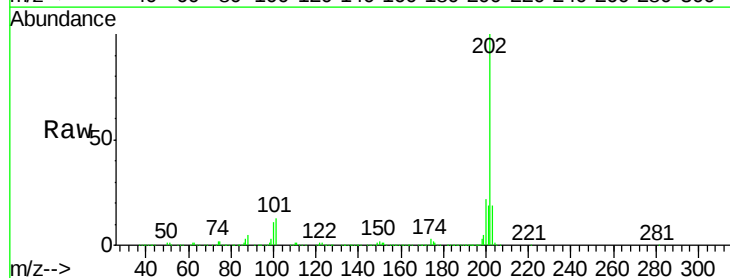
Instrument :
BNA_G
ClientSampleId :

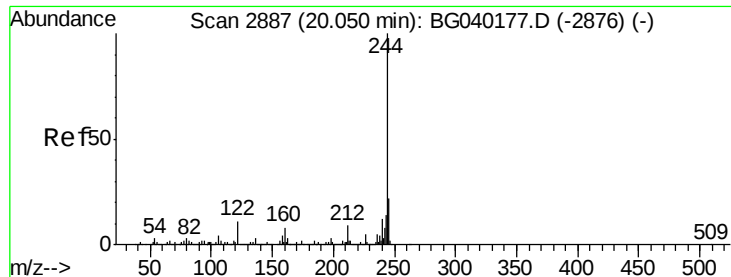
Tot Ion:184 Resp: 412974
Ion Ratio Lower Upper
184 100
185 16.1 13.3 19.9
183 12.0 10.3 15.5



#78
Pyrene
Concen: 41.519 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:202 Resp: 1136493
Ion Ratio Lower Upper
202 100
200 21.8 17.3 25.9
203 19.2 14.6 22.0





#79

Terphenyl-d14

Concen: 74.558 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

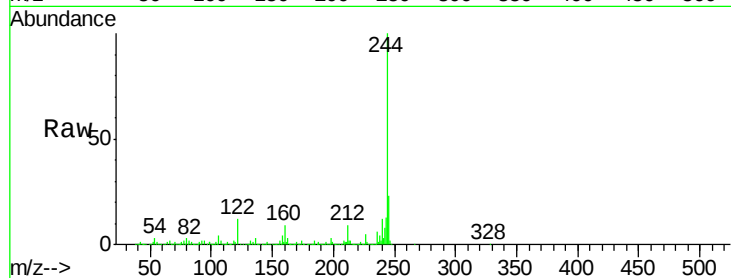
Tot Ion:244 Resp: 1379542

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

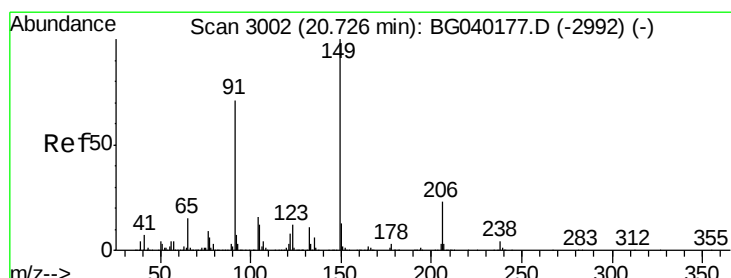
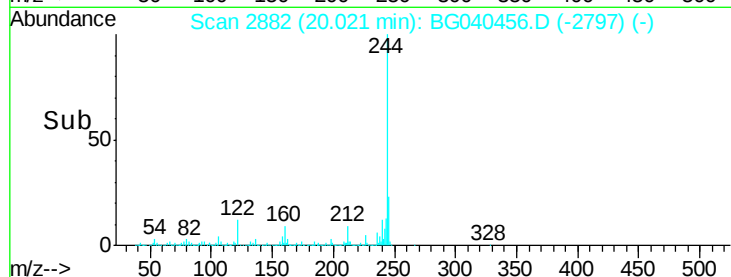
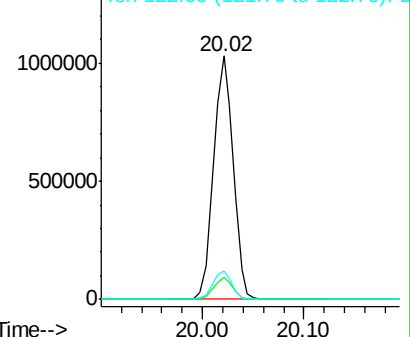
122 11.9 8.5 12.7



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: 44.099 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

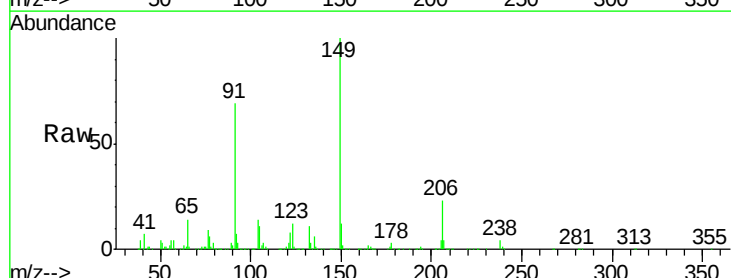
Tgt Ion:149 Resp: 516543

Ion Ratio Lower Upper

149 100

91 68.6 57.0 85.4

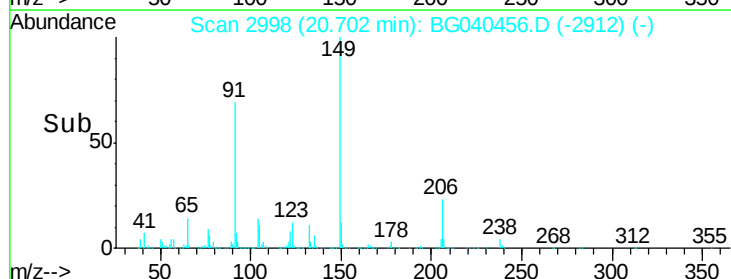
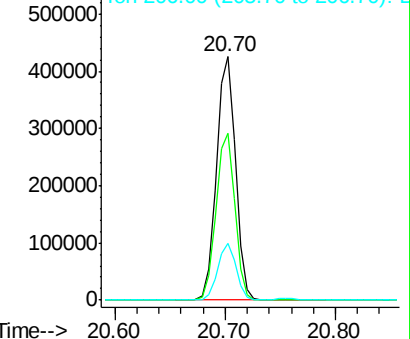
206 23.4 18.2 27.4

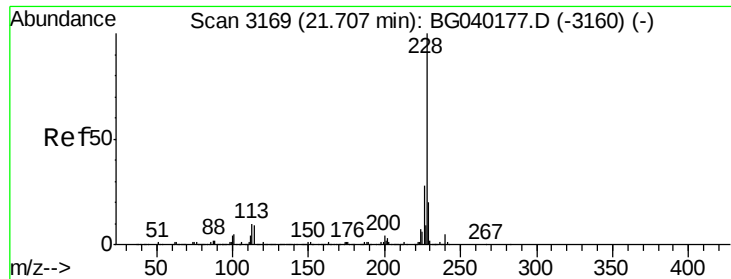


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

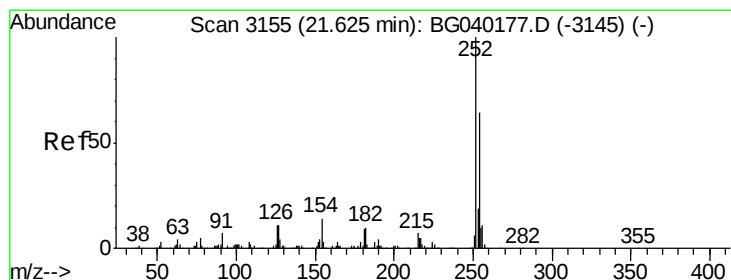
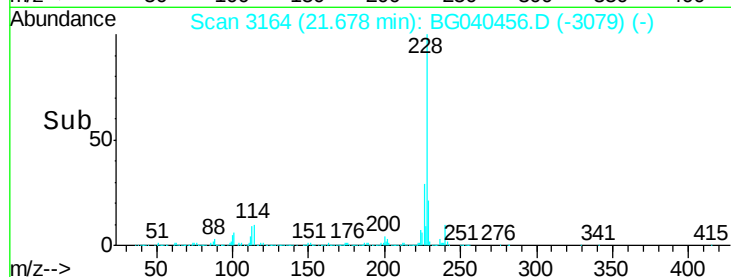
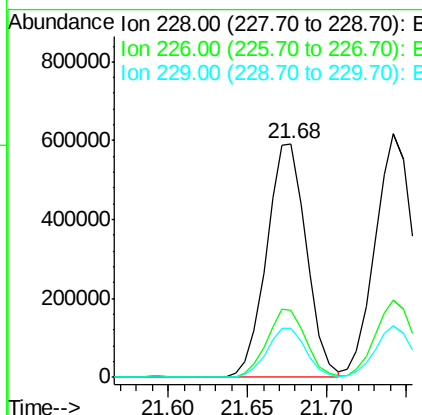
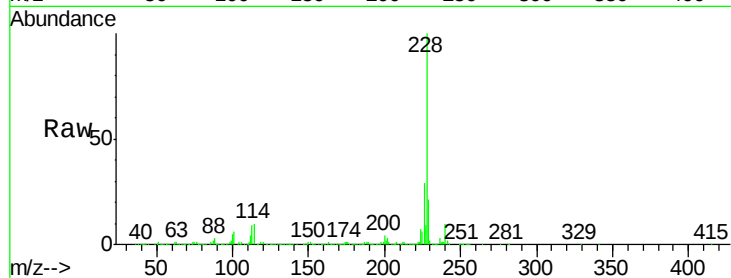




#81
Benzo(a)anthracene
Concen: 40.224 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

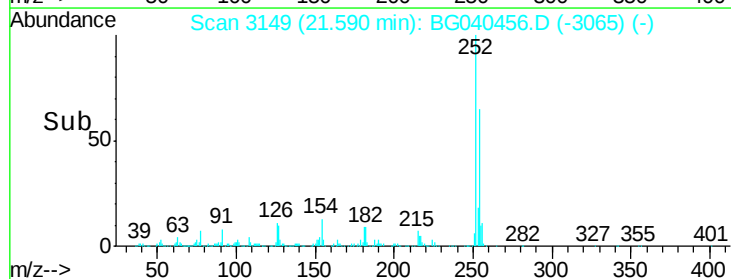
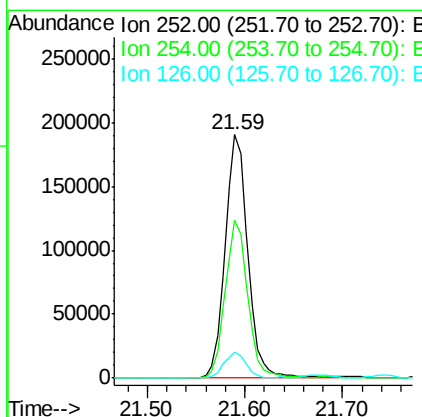
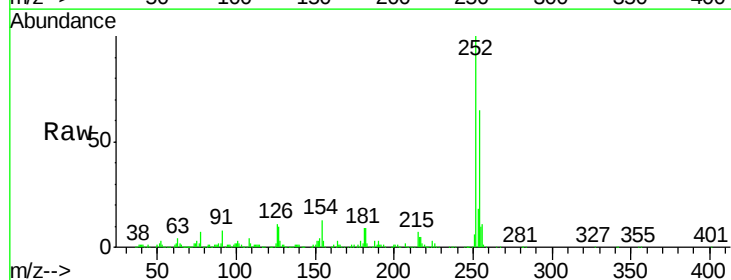
Instrument :
BNA_G
ClientSampleId :

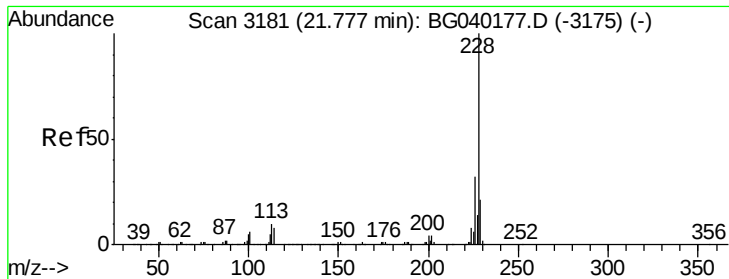
Tot Ion:228 Resp: 1031294
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 20.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 31.579 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:252 Resp: 307996
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.2
126 10.5 8.5 12.7





#83

Chrysene

Concen: 41.923 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

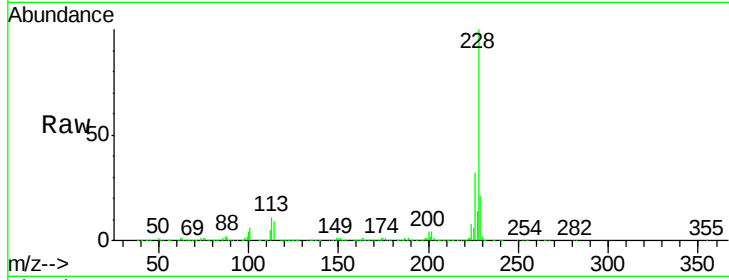
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1033004

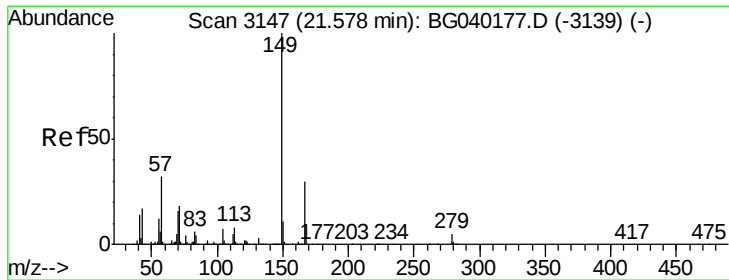
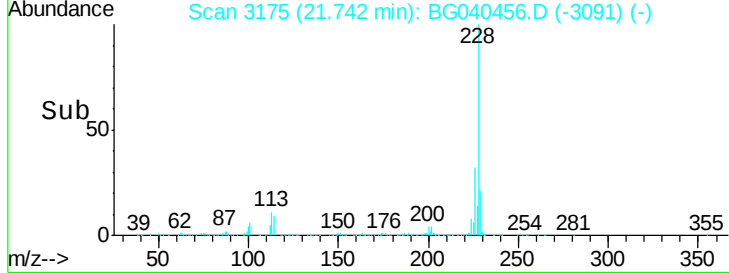
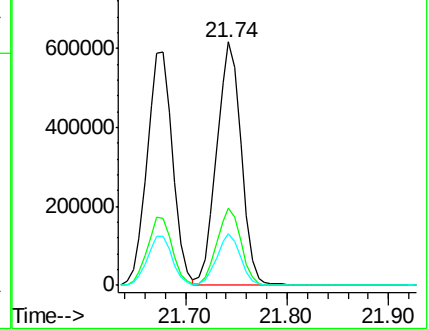
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.4	38.0
229	21.0	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.429 ng

RT: 21.54 min Scan# 3141

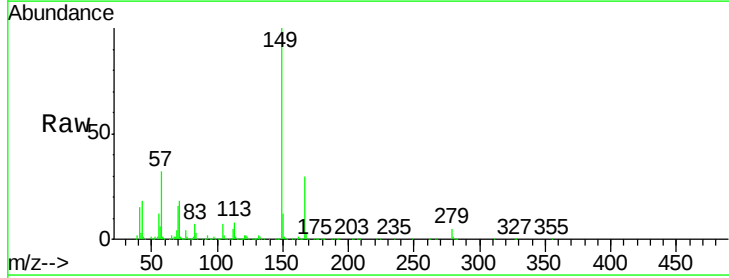
Delta R.T. -0.04 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Tgt Ion:149 Resp: 727161

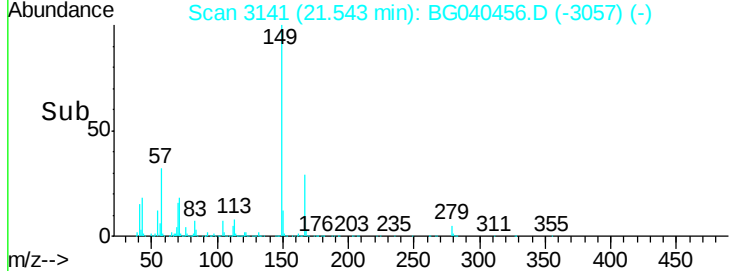
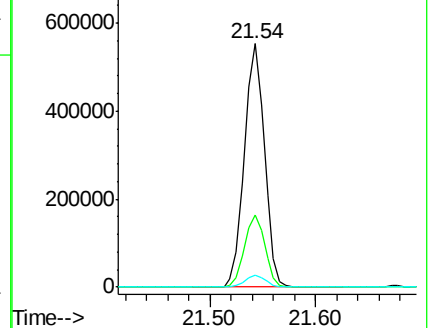
Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.1	36.1
279	4.7	4.1	6.1

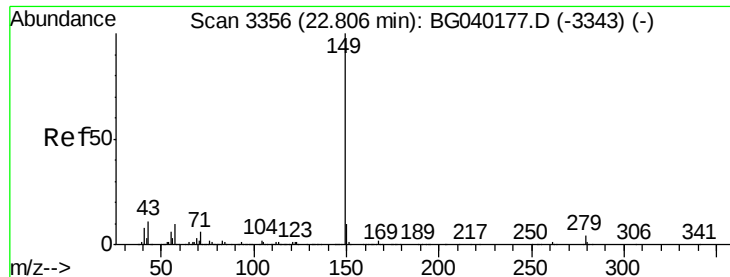


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

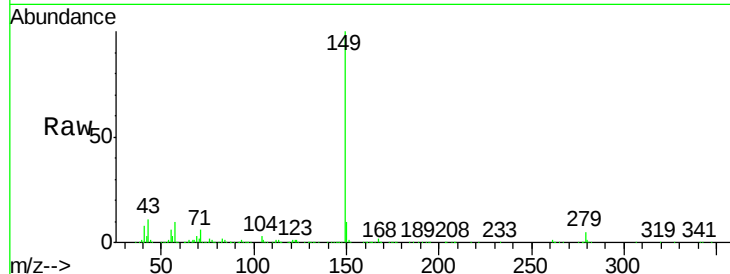




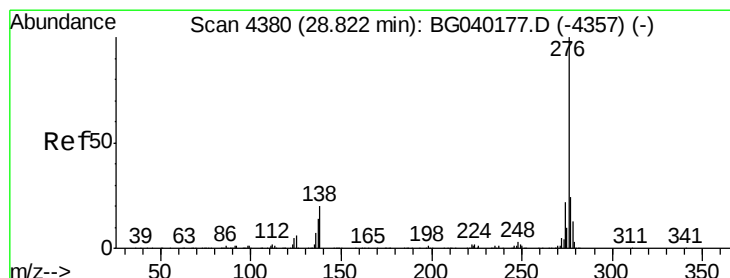
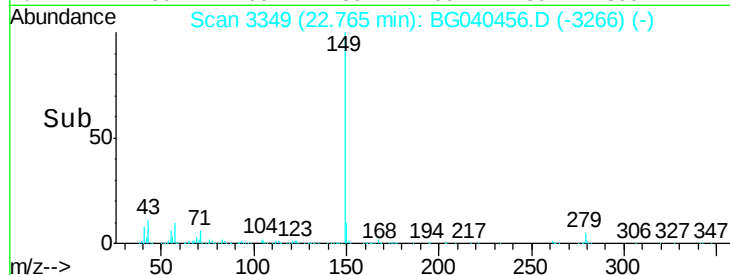
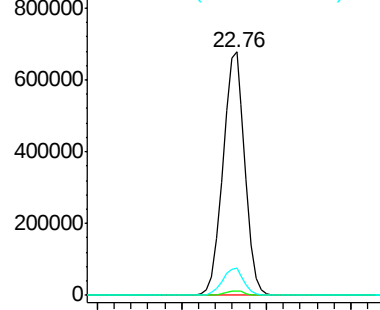
#85
Di-n-octyl phthalate
Concen: 42.973 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 1225898
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.8 8.7 13.1

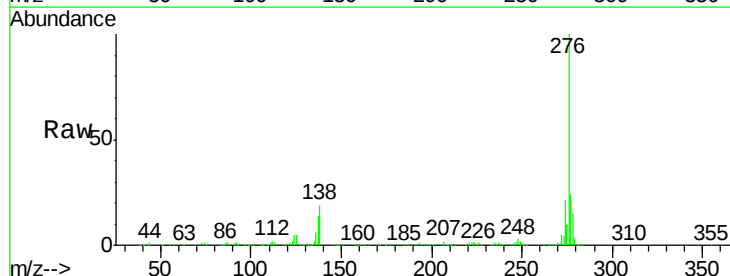


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

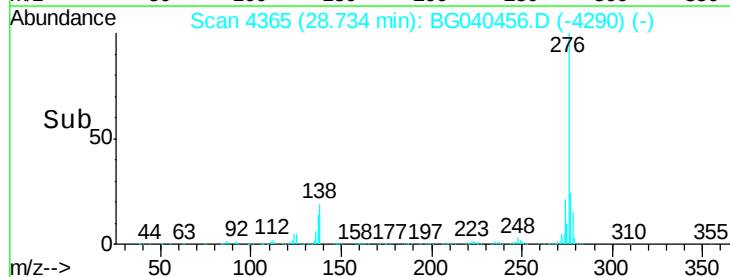
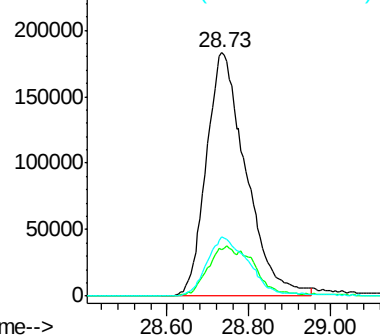


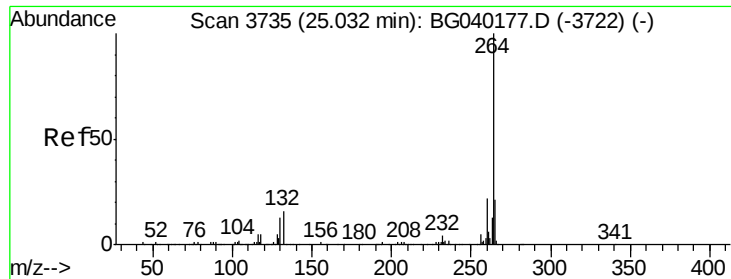
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.955 ng
RT: 28.73 min Scan# 4365
Delta R.T. -0.09 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:276 Resp: 1234247
Ion Ratio Lower Upper
276 100
138 14.0 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# 3725

Delta R.T. -0.06 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

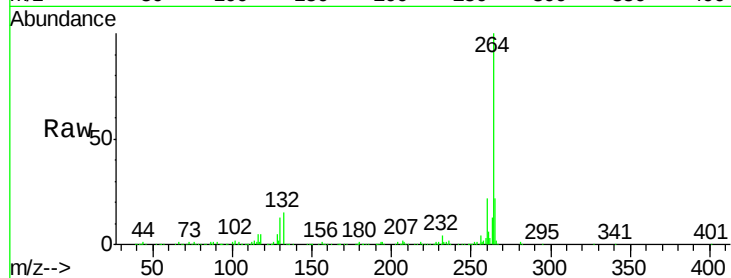
Tot Ion:264 Resp: 402139

Ion Ratio Lower Upper

264 100

260 22.4 17.9 26.9

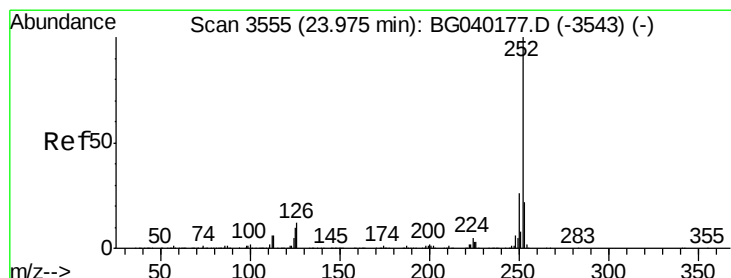
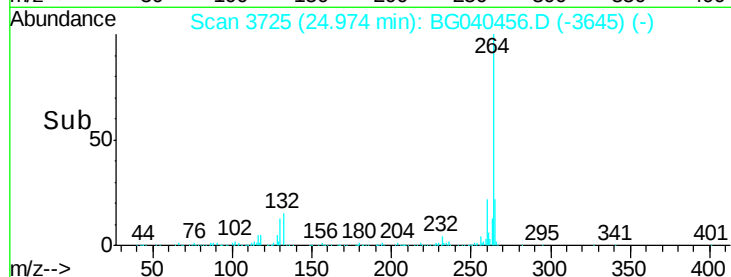
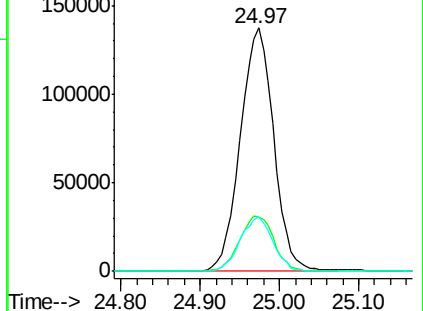
265 22.4 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.664 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

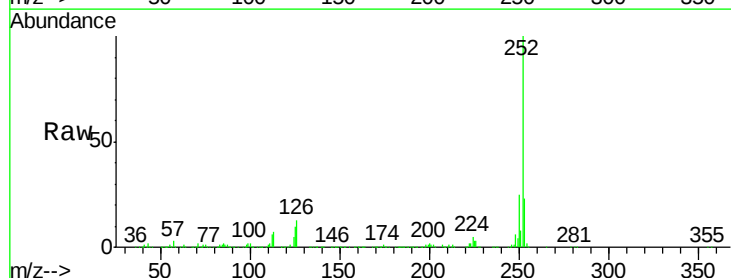
Tgt Ion:252 Resp: 1099662

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

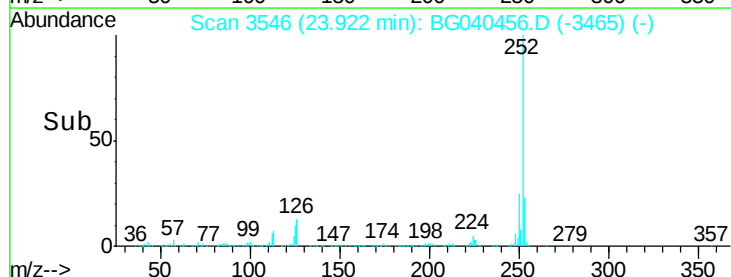
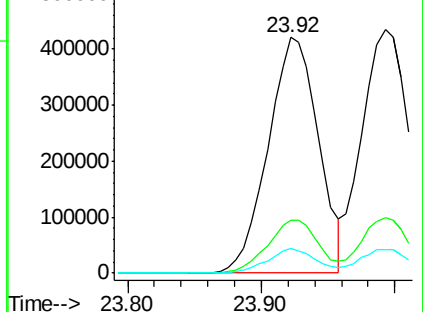
125 10.5 8.2 12.4

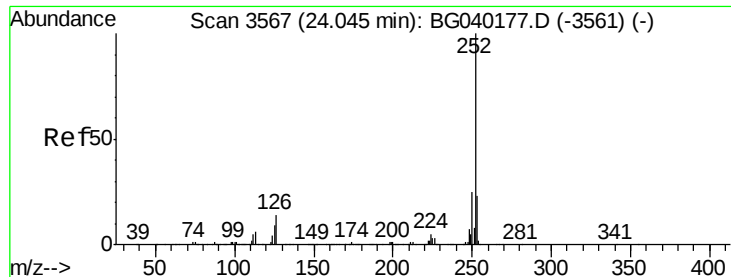


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.398 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

Instrument :

BNA_G

ClientSampleId :

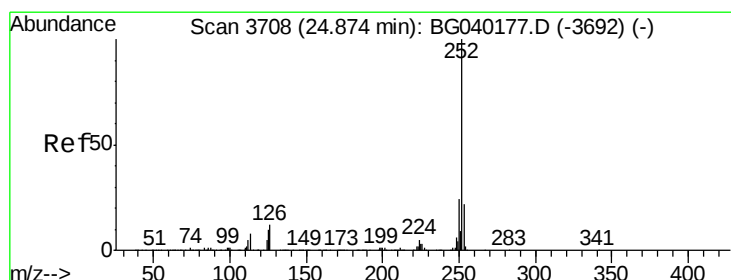
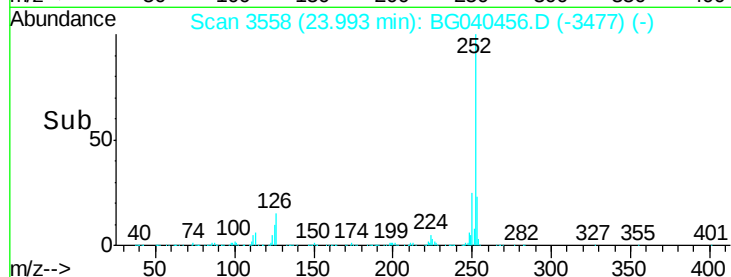
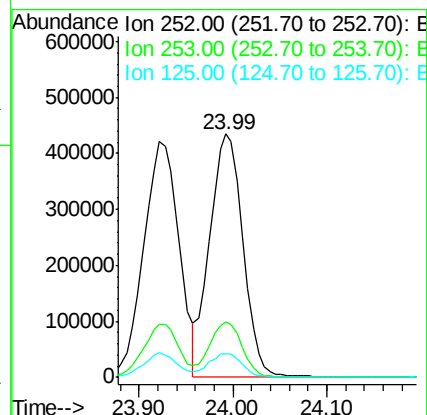
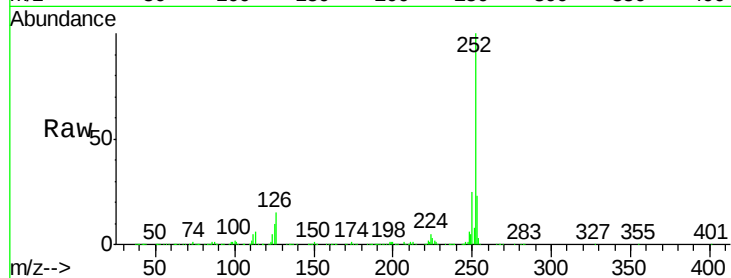
Tot Ion:252 Resp: 1073153

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

125 9.6 7.3 10.9



#90

Benzo(a)pyrene

Concen: 46.724 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.05 min

Lab File: BG040456.D

Acq: 12 Apr 2019 11:27

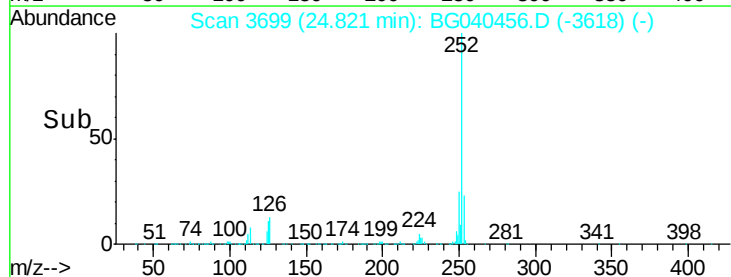
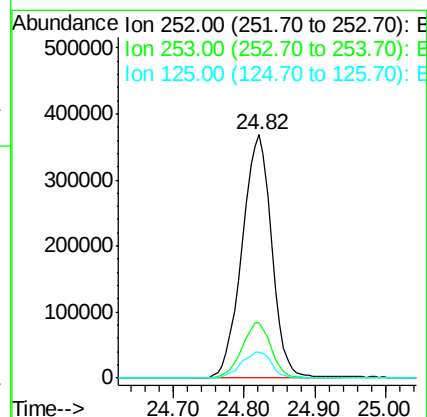
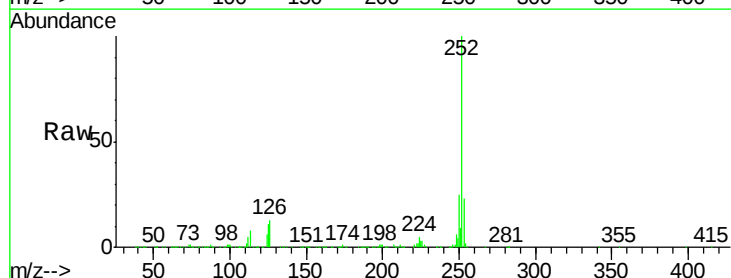
Tgt Ion:252 Resp: 1079354

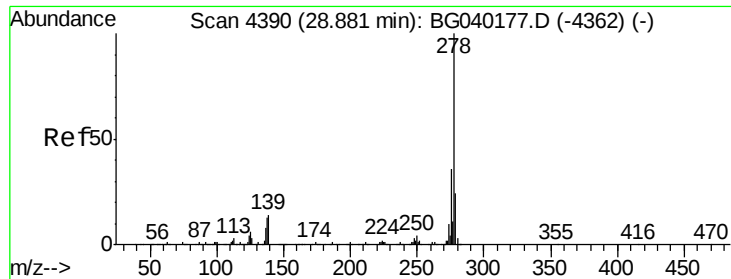
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 10.7 8.3 12.5

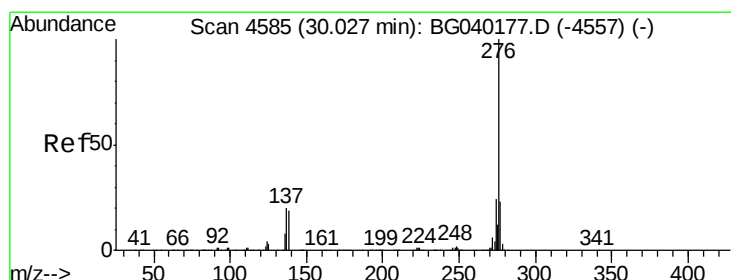
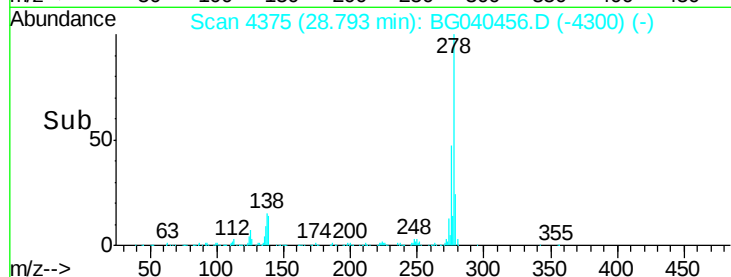
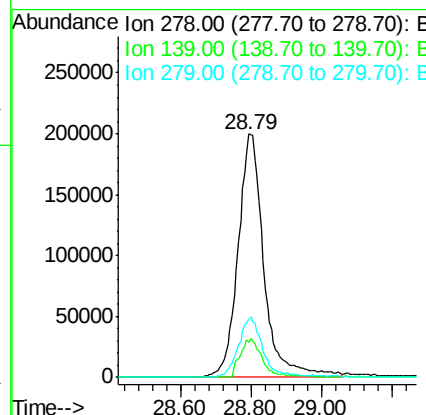
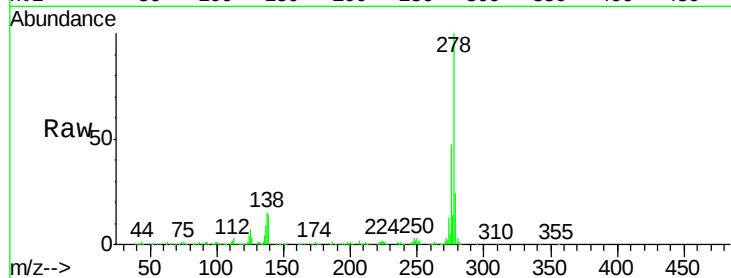




#91
Dibenzo(a,h)anthracene
Concen: 47.791 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1025337
Ion Ratio Lower Upper
278 100
139 14.4 11.2 16.8
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.136 ng
RT: 29.93 min Scan# 4568
Delta R.T. -0.10 min
Lab File: BG040456.D
Acq: 12 Apr 2019 11:27

Tgt Ion:276 Resp: 1017258
Ion Ratio Lower Upper
276 100
277 23.1 18.6 28.0
138 20.7 15.2 22.8

