

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040454.D
 Acq On : 12 Apr 2019 10:08
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 12:21:35 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	56357	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	239772	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	154326	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	423977	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	428415	20.00	ng	-0.03
87) Perylene-d12	24.97	264	447819	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	268721	79.27	ng	-0.02
7) Phenol-d6	7.20	99	367648	78.47	ng	-0.03
23) Nitrobenzene-d5	9.22	82	339107	75.17	ng	-0.03
42) 2,4,6-Tribromophenol	16.16	330	148056	88.77	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	769860	73.92	ng	-0.03
79) Terphenyl-d14	20.02	244	1370318	71.96	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	63130	39.603	ng	99
3) Pyridine	3.90	79	171840	40.038	ng	99
4) n-Nitrosodimethylamine	3.82	42	75046	37.800	ng	# 80
6) Aniline	7.37	93	229388	37.685	ng	99
8) 2-Chlorophenol	7.60	128	152051	38.315	ng	97
9) Benzaldehyde	7.19	77	106771	33.223	ng	94
10) Phenol	7.23	94	195112	38.367	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	152291	37.390	ng	97
12) 1,3-Dichlorobenzene	7.93	146	163552	37.913	ng	98
13) 1,4-Dichlorobenzene	8.08	146	163684	38.096	ng	96
14) 1,2-Dichlorobenzene	8.40	146	152912	37.216	ng	98
15) Benzyl Alcohol	8.29	79	131756	34.919	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	278146	35.582	ng	97
17) 2-Methylphenol	8.48	107	127267	36.166	ng	97
18) Hexachloroethane	9.12	117	59323	36.298	ng	96
19) n-Nitroso-di-n-propylamine	8.84	70	115777	34.466	ng	98
20) 3+4-Methylphenols	8.81	107	177266	37.185	ng	99
22) Acetophenone	8.87	105	221837	37.090	ng	# 96
24) Nitrobenzene	9.26	77	177965	38.098	ng	98
25) Isophorone	9.77	82	334084	35.994	ng	99
26) 2-Nitrophenol	9.97	139	85471	38.615	ng	98
27) 2,4-Dimethylphenol	10.02	122	127179	36.173	ng	94
28) bis(2-Chloroethoxy)methane	10.25	93	199325	36.299	ng	99
29) 2,4-Dichlorophenol	10.50	162	146460	38.378	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	156216	37.280	ng	97
31) Naphthalene	10.91	128	466203	37.933	ng	99
32) Benzoic acid	10.17	122	47558	22.388	ng	# 87
33) 4-Chloroaniline	11.02	127	207360	39.555	ng	98
34) Hexachlorobutadiene	11.17	225	96861	36.143	ng	99
35) Caprolactam	11.82	113	63010	41.606	ng	94
36) 4-Chloro-3-methylphenol	12.13	107	179921	41.010	ng	99
37) 2-Methylnaphthalene	12.51	142	341104	37.527	ng	99
38) 1-Methylnaphthalene	12.73	142	332858	37.764	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	172882	35.246	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	126185	46.853	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	120070	37.968	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	132937	38.566	ng	97
46) 1,1'-Biphenyl	13.51	154	451632	37.038	ng	99
47) 2-Chloronaphthalene	13.56	162	348487	37.258	ng	97
48) 2-Nitroaniline	13.77	65	131008	41.524	ng	95
49) Acenaphthylene	14.40	152	614601	38.755	ng	100
50) Dimethylphthalate	14.13	163	477034	39.496	ng	99
51) 2,6-Dinitrotoluene	14.26	165	114757	42.315	ng	96
52) Acenaphthene	14.74	154	348101	38.307	ng	98
53) 3-Nitroaniline	14.60	138	124817	43.479	ng	89
54) 2,4-Dinitrophenol	14.80	184	62523	43.350	ng	93
55) Dibenzofuran	15.07	168	583117	39.935	ng	98
56) 4-Nitrophenol	14.90	139	89733	38.730	ng	99
57) 2,4-Dinitrotoluene	15.04	165	169323	44.933	ng	99
58) Fluorene	15.72	166	472602	41.167	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	132620	42.398	ng	99
60) Diethylphthalate	15.48	149	515895	41.741	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	243632	39.702	ng	98
62) 4-Nitroaniline	15.76	138	140428	45.582	ng	96
63) Azobenzene	16.00	77	483215	41.448	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	89131	37.419	ng	96
66) n-Nitrosodiphenylamine	15.93	169	439863	35.454	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	168834	35.386	ng	99
68) Hexachlorobenzene	16.72	284	172706	36.001	ng	95
69) Atrazine	16.87	200	172523	37.381	ng	97
70) Pentachlorophenol	17.07	266	115073	41.490	ng	98
71) Phenanthrene	17.46	178	840189	37.702	ng	98
72) Anthracene	17.56	178	845330	37.898	ng	100
73) Carbazole	17.83	167	820312	38.860	ng	99
74) Di-n-butylphthalate	18.36	149	974953	38.963	ng	100
75) Fluoranthene	19.47	202	1039227	39.382	ng	100
77) Benzidine	19.65	184	641506	41.466	ng	98
78) Pyrene	19.83	202	1045663	37.116	ng	99
80) Butylbenzylphthalate	20.70	149	461785	38.305	ng	96
81) Benzo(a)anthracene	21.68	228	993774	37.660	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	387502	38.603	ng	100
83) Chrysene	21.74	228	950863	37.494	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	664908	38.583	ng	99
85) Di-n-octyl phthalate	22.76	149	1106702	37.693	ng	99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1159207	37.373	ng	# 91
88) Benzo(b)fluoranthene	23.93	252	1012254	36.920	ng	98
89) Benzo(k)fluoranthene	23.99	252	959849	38.069	ng	98
90) Benzo(a)pyrene	24.82	252	975705	37.929	ng	97
91) Dibenzo(a,h)anthracene	28.80	278	902044	37.755	ng	99
92) Benzo(g,h,i)perylene	29.91	276	917440	37.365	ng	97

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

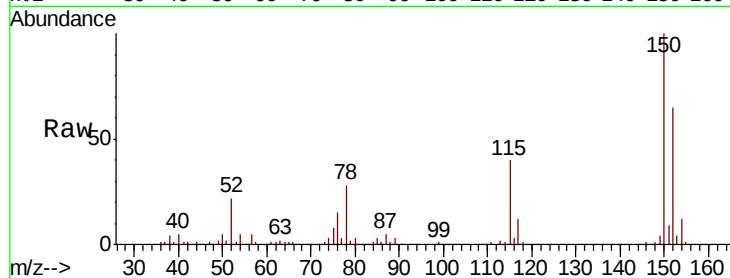


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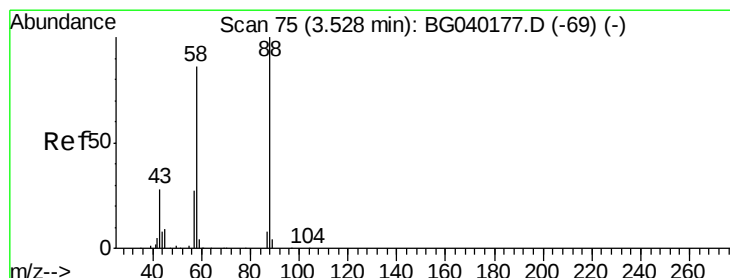
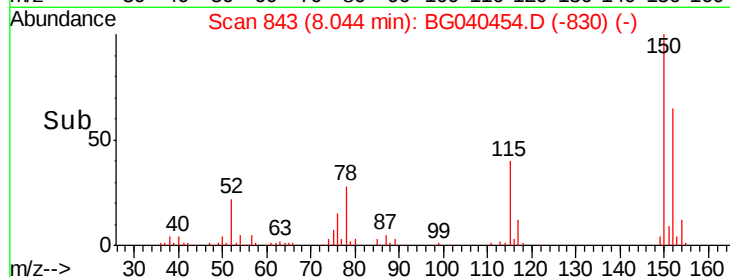
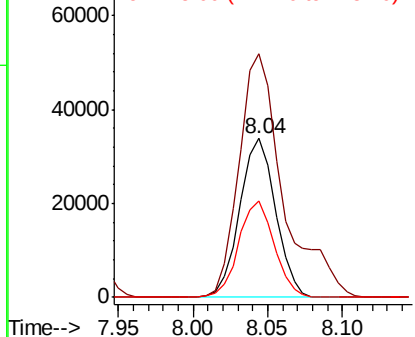
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56357
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 60.6 46.9 70.3



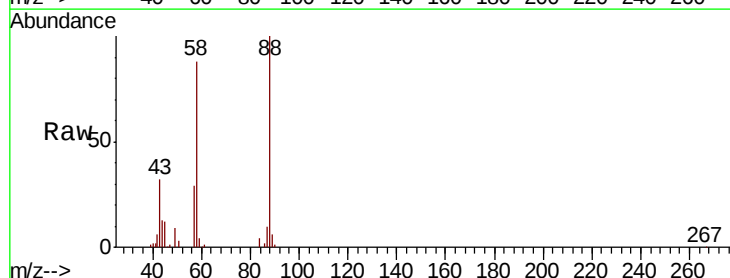
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



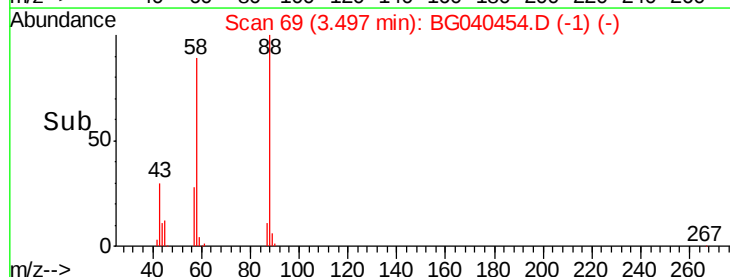
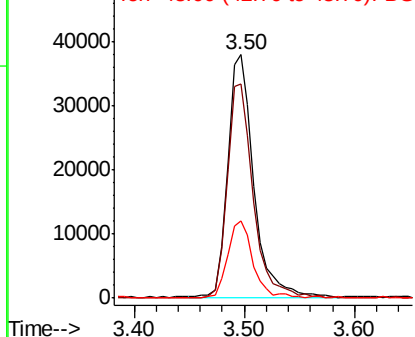
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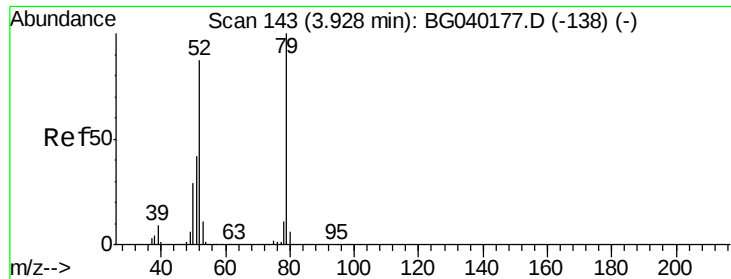
1,4-Dioxane
Concen: 39.603 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion: 88 Resp: 63130
Ion Ratio Lower Upper
88 100
58 87.3 70.6 106.0
43 30.8 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: 40.038 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

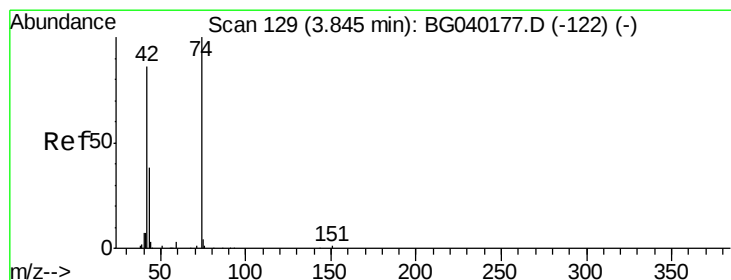
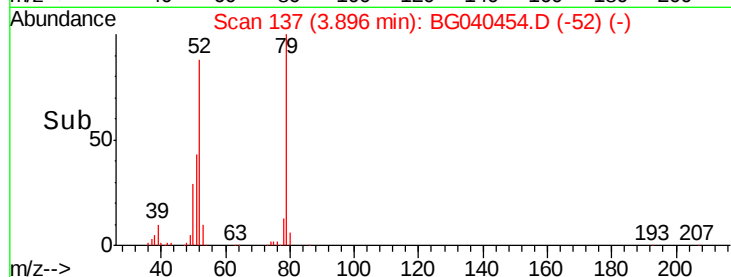
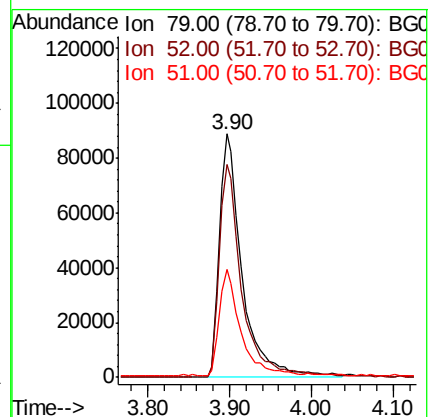
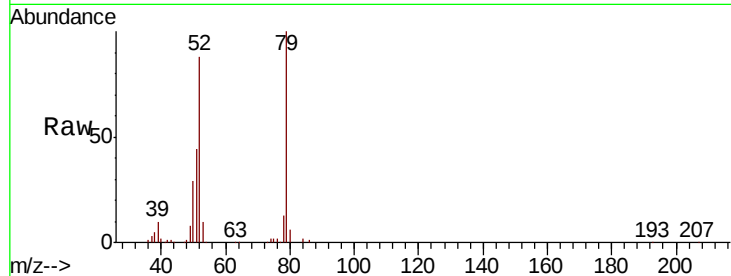
Tot Ion: 79 Resp: 171840

Ion Ratio Lower Upper

79 100

52 87.6 69.8 104.8

51 44.2 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.800 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

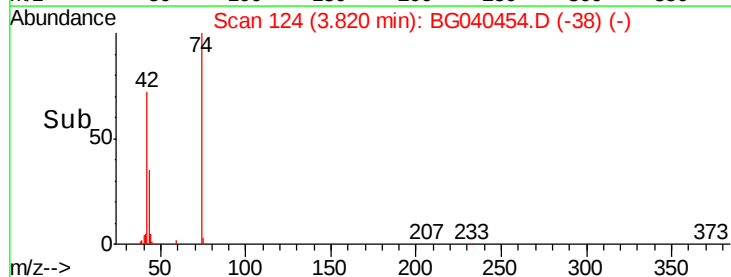
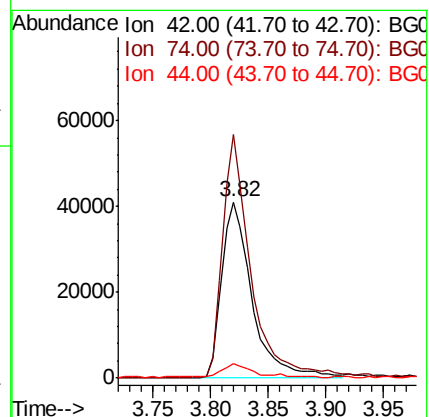
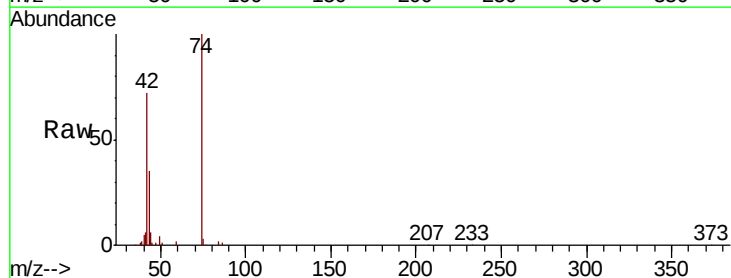
Tgt Ion: 42 Resp: 75046

Ion Ratio Lower Upper

42 100

74 138.5 92.9 139.3

44 8.3 9.7 14.5#





#5

2-Fluorophenol

Concen: 79.267 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

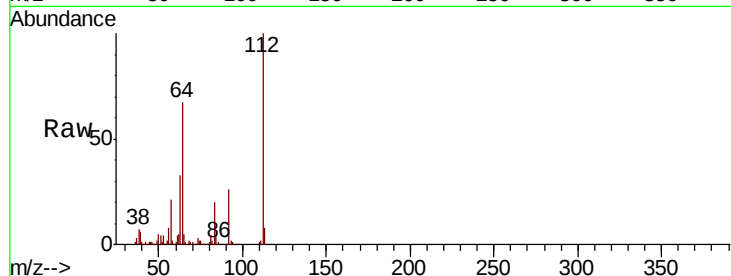
Tot Ion: 112 Resp: 268721

Ion Ratio Lower Upper

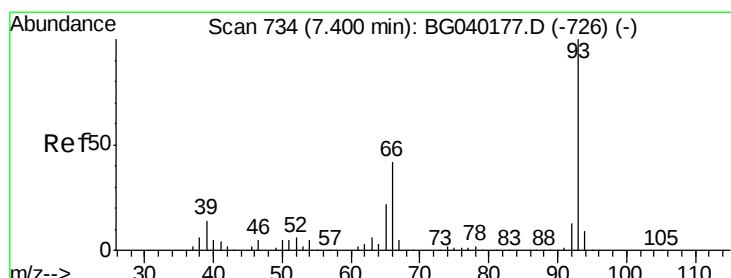
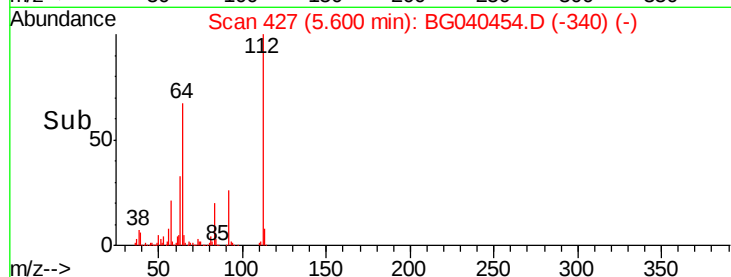
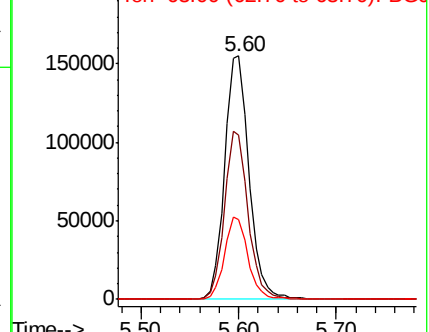
112 100

64 67.5 54.2 81.2

63 32.9 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.685 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

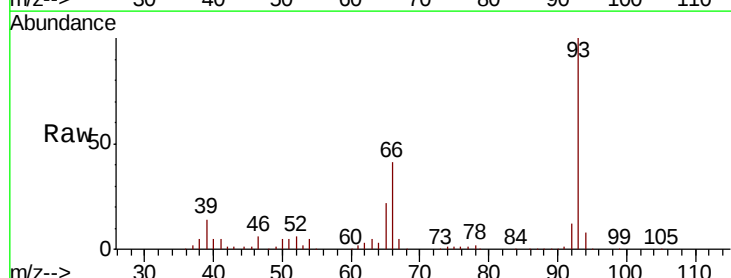
Tgt Ion: 93 Resp: 229388

Ion Ratio Lower Upper

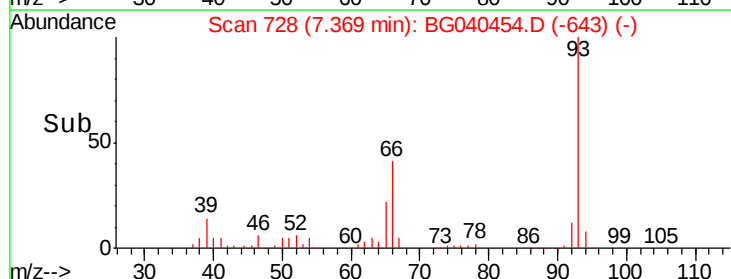
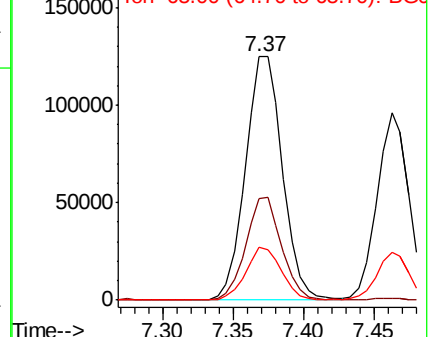
93 100

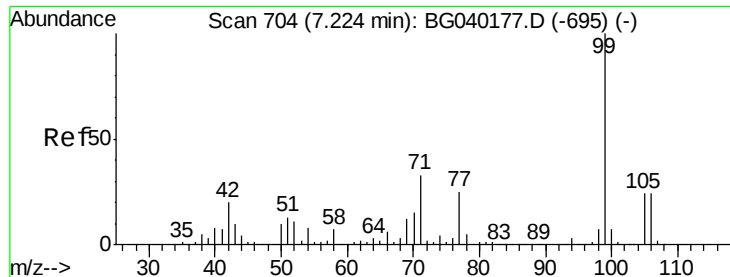
66 41.5 33.6 50.4

65 21.7 17.4 26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.471 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampled :

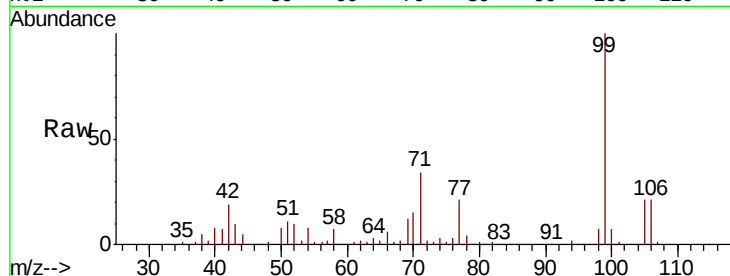
Tot Ion: 99 Resp: 367648

Ion Ratio Lower Upper

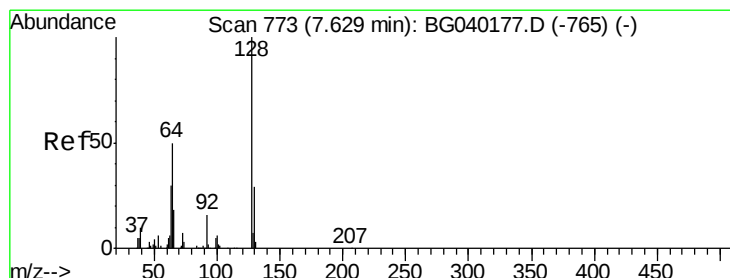
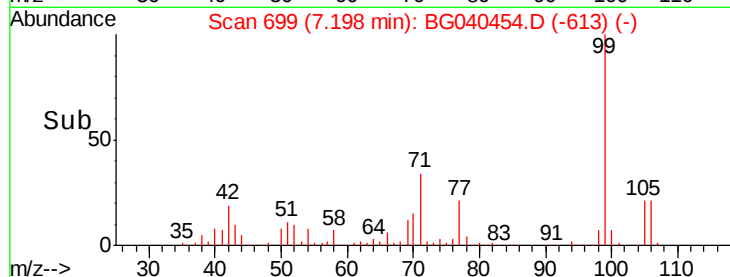
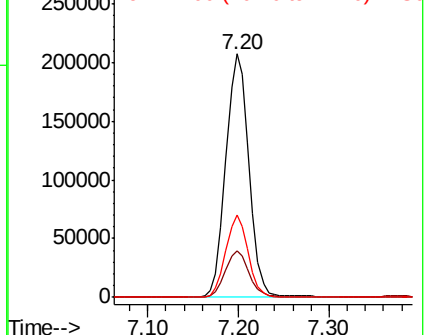
99 100

42 18.9 16.2 24.2

71 33.8 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: 38.315 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

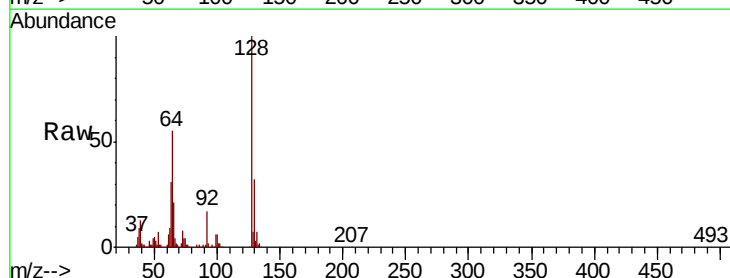
Tgt Ion: 128 Resp: 152051

Ion Ratio Lower Upper

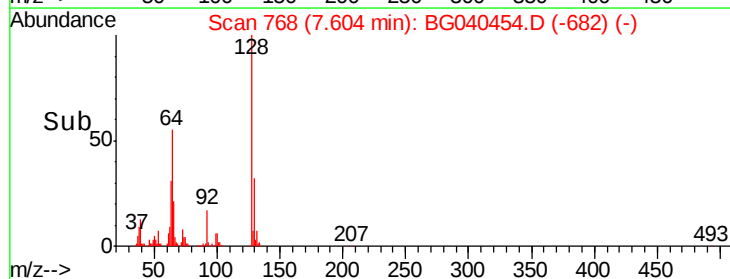
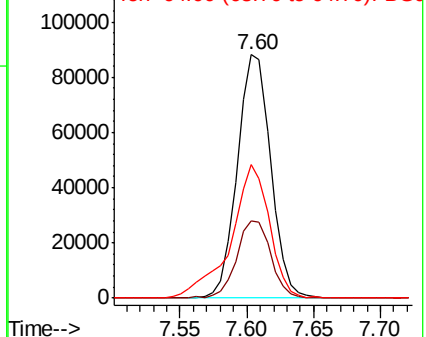
128 100

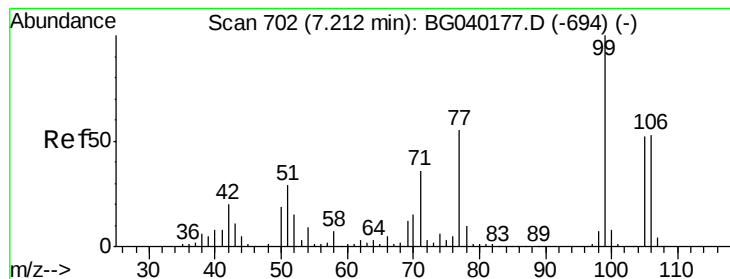
130 31.5 9.1 49.1

64 54.9 33.1 73.1



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





#9

Benzaldehyde

Concen: 33.223 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampled :

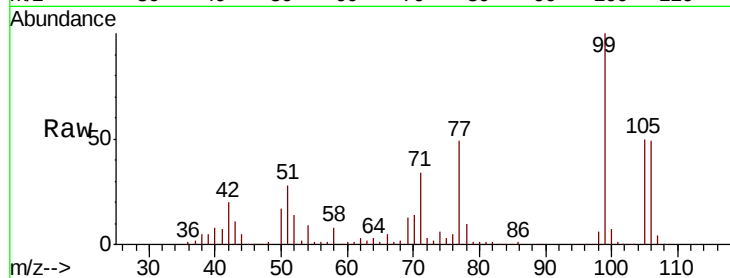
Tot Ion: 77 Resp: 106771

Ion Ratio Lower Upper

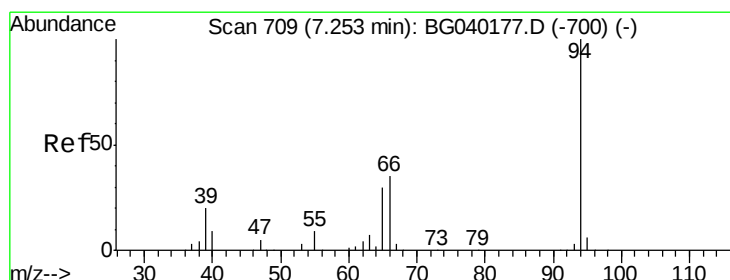
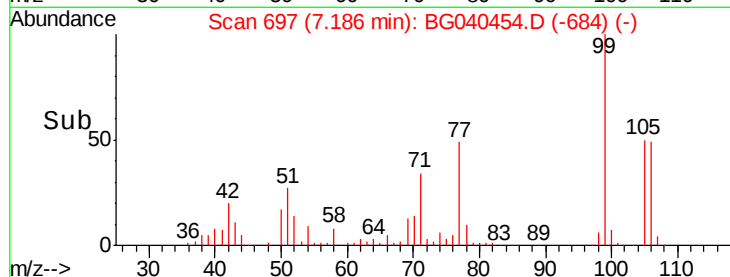
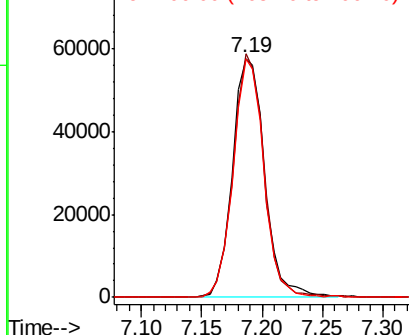
77 100

105 102.0 75.0 115.0

106 100.1 75.7 115.7



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



#10

Phenol

Concen: 38.367 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

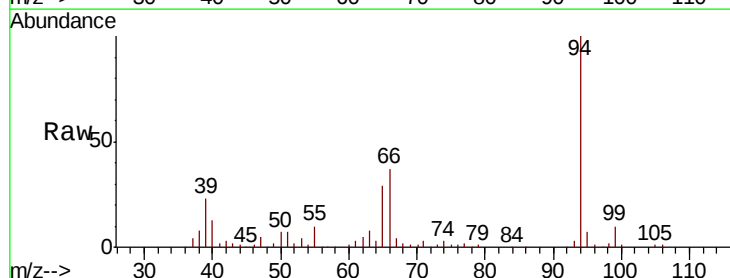
Tgt Ion: 94 Resp: 195112

Ion Ratio Lower Upper

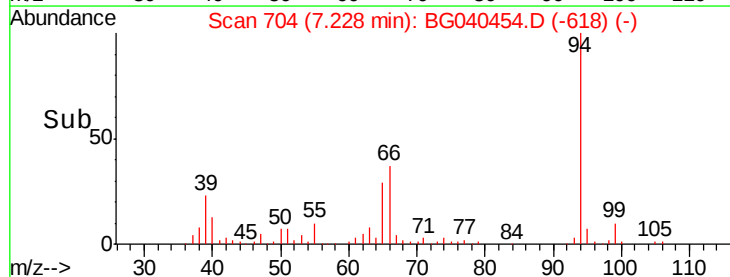
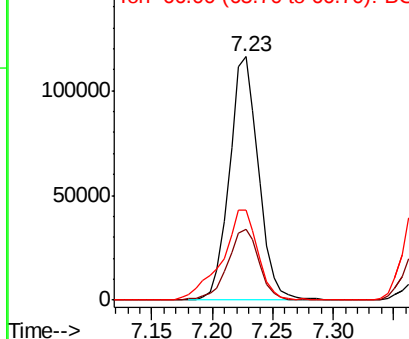
94 100

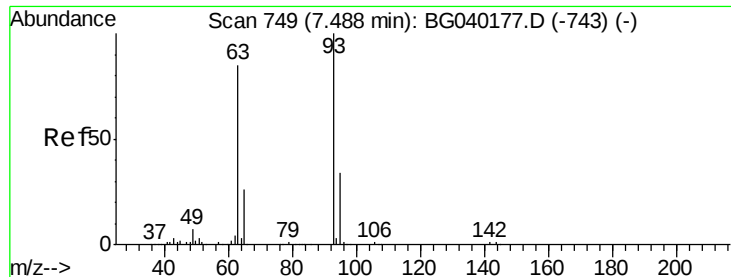
65 29.0 10.5 50.5

66 37.0 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

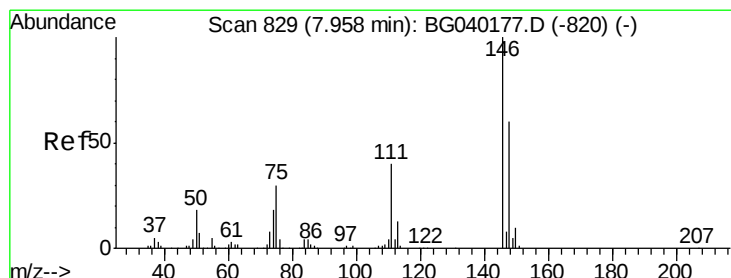
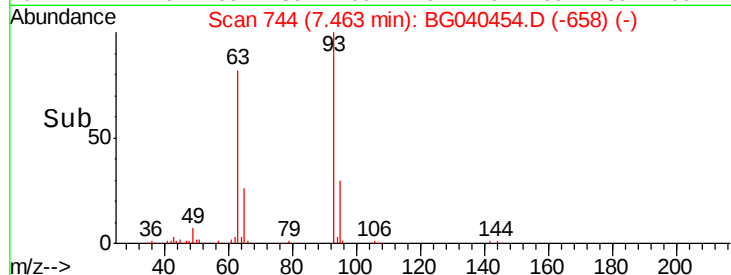
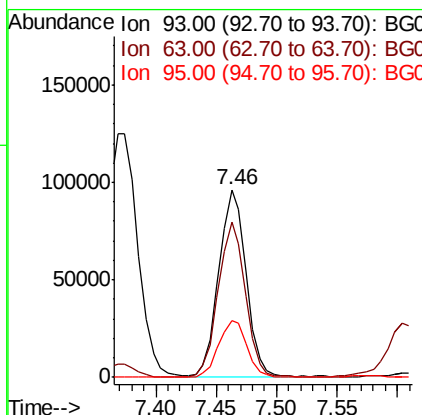
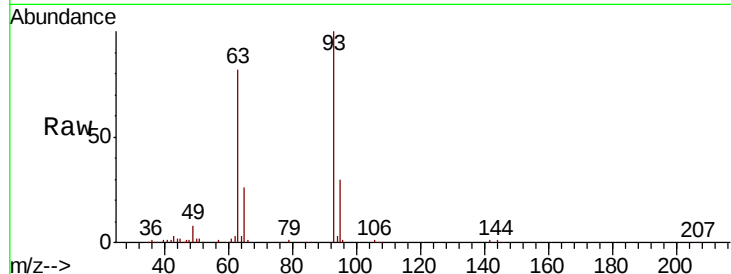




#11
 bis(2-Chloroethyl)ether
 Concen: 37.390 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

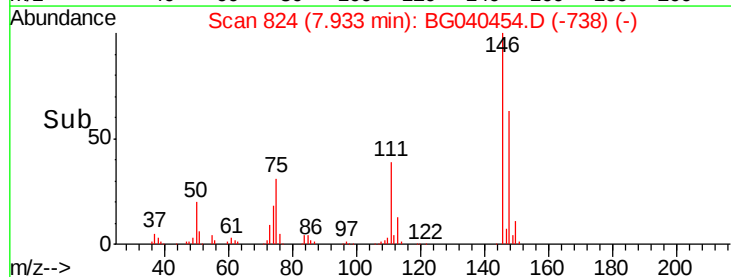
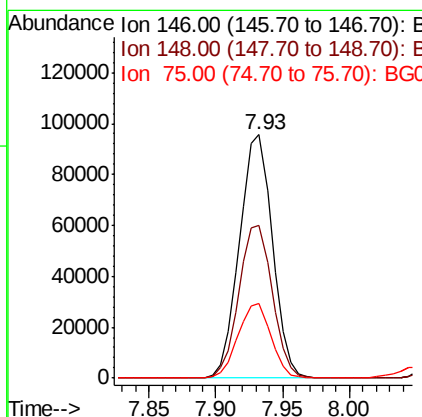
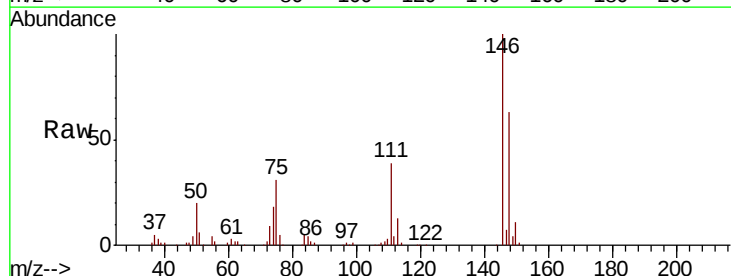
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 152291
 Ion Ratio Lower Upper
 93 100
 63 82.4 64.2 104.2
 95 29.9 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 37.913 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion: 146 Resp: 163552
 Ion Ratio Lower Upper
 146 100
 148 62.6 48.2 72.2
 75 30.6 24.1 36.1

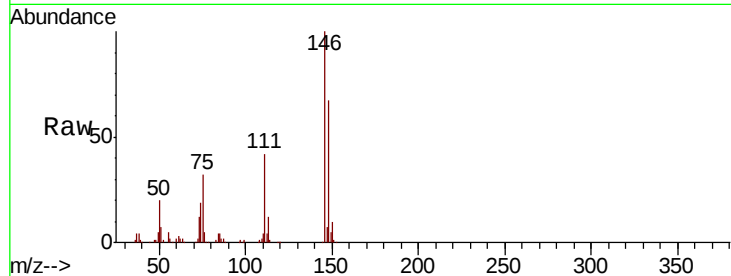




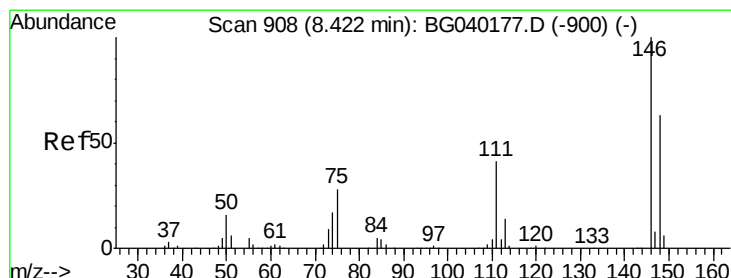
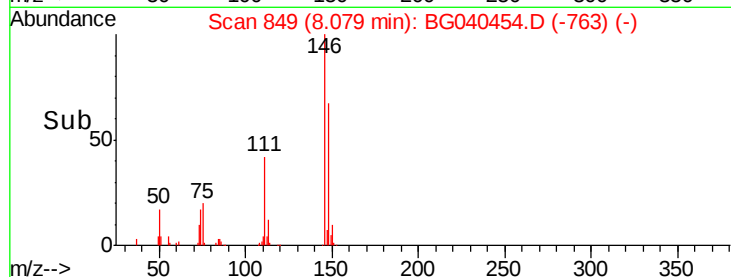
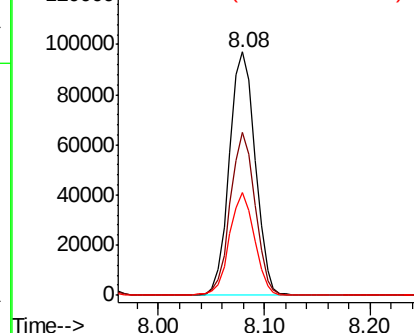
#13
 1,4-Dichlorobenzene
 Concen: 38.096 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 163684
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.0 76.4
 111 42.3 31.8 47.6

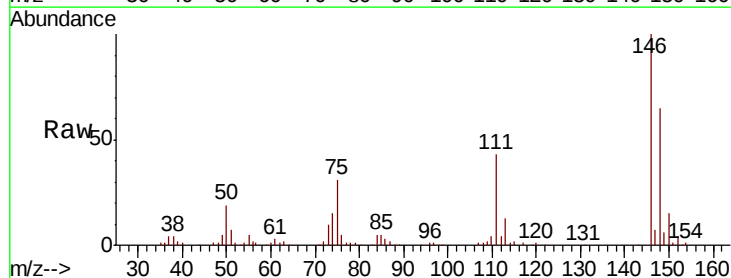


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

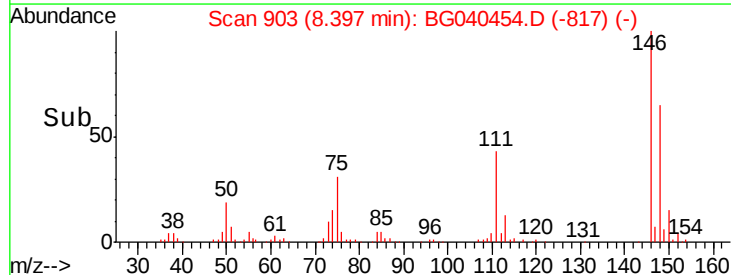
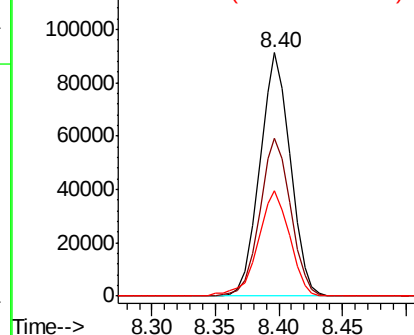


#14
 1,2-Dichlorobenzene
 Concen: 37.216 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion:146 Resp: 152912
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.8 76.2
 111 43.2 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: 34.919 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampled :

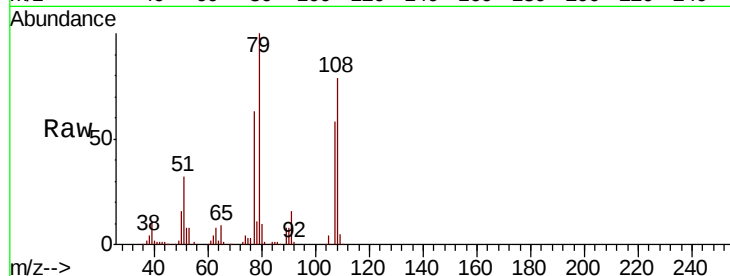
Tot Ion: 79 Resp: 131756

Ion Ratio Lower Upper

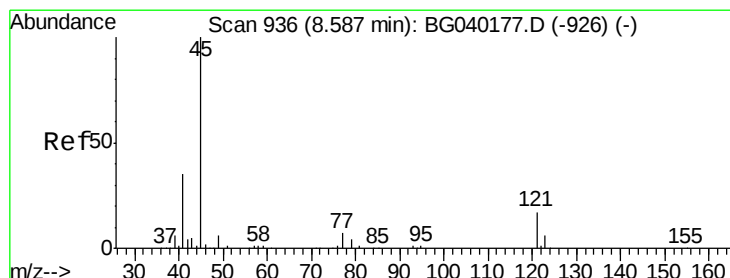
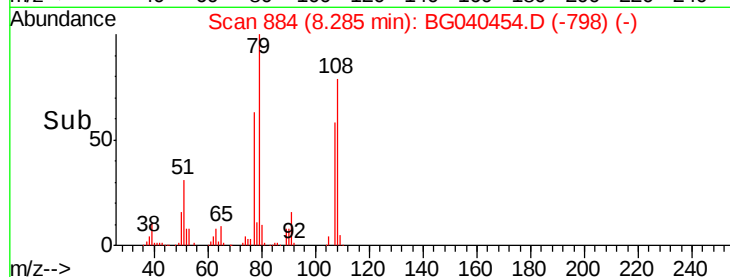
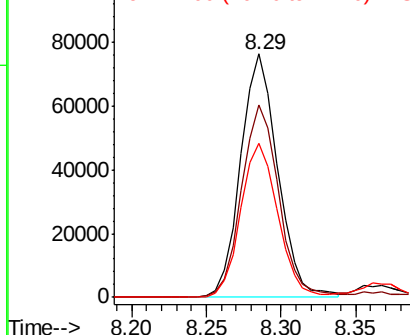
79 100

108 78.9 62.1 93.1

77 63.0 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: 35.582 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

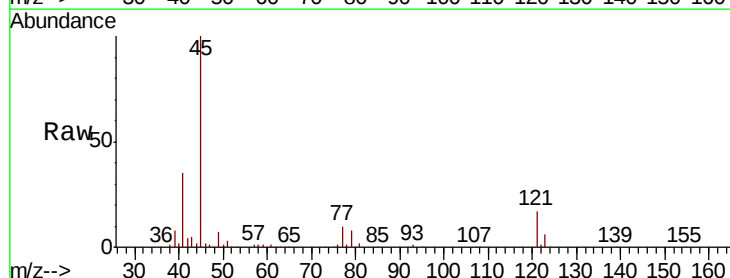
Tgt Ion: 45 Resp: 278146

Ion Ratio Lower Upper

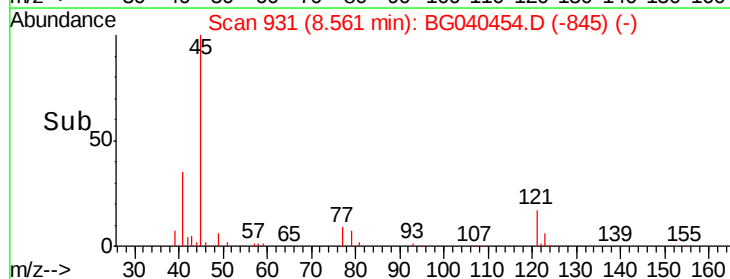
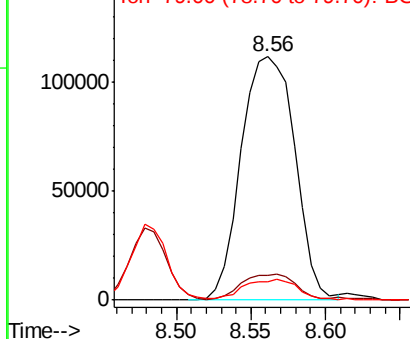
45 100

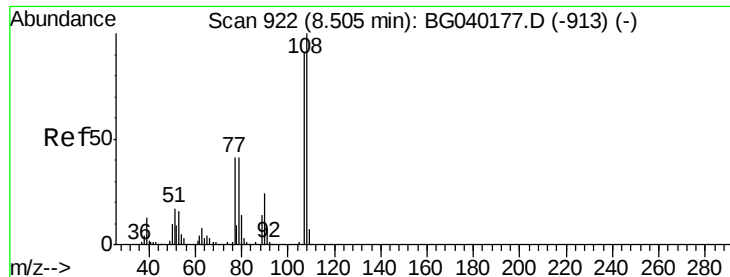
77 9.9 0.0 31.4

79 7.6 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: 36.166 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 127267

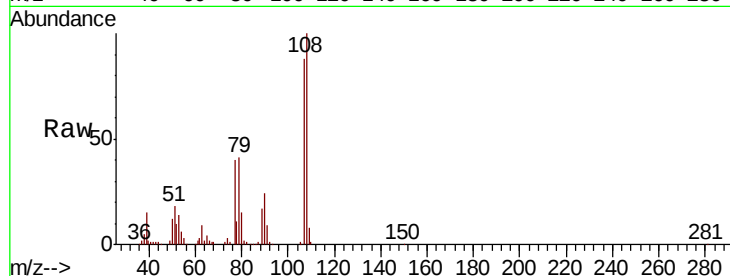
Ion Ratio Lower Upper

107 100

108 114.1 88.2 132.4

77 45.2 36.6 55.0

79 47.3 36.5 54.7

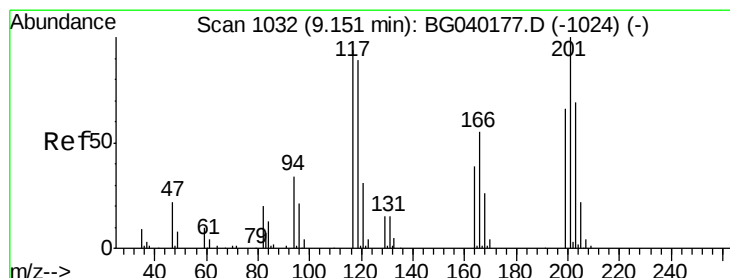
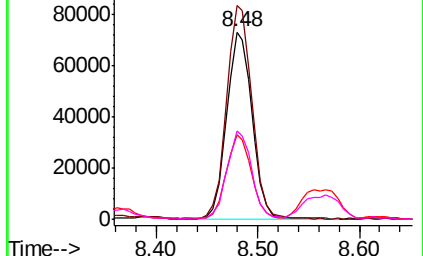
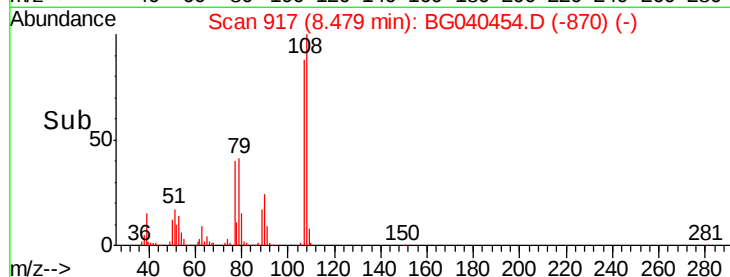


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.298 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

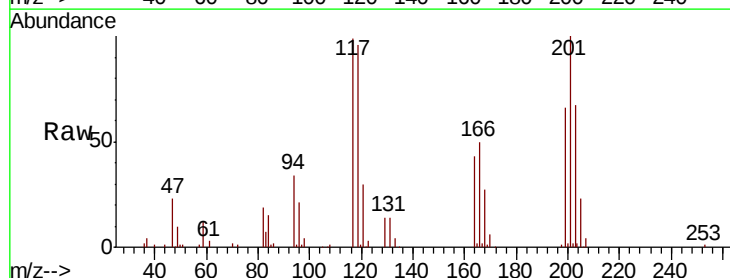
Tgt Ion:117 Resp: 59323

Ion Ratio Lower Upper

117 100

119 97.7 76.6 115.0

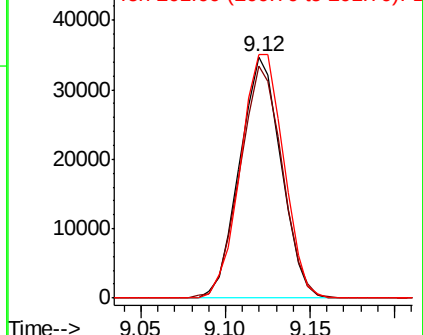
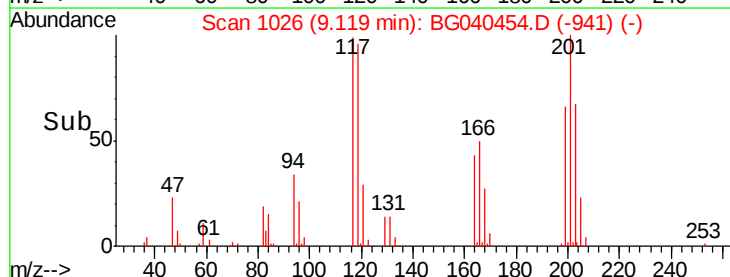
201 100.9 85.0 127.4

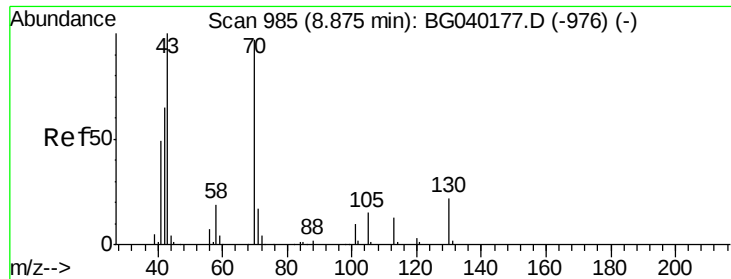


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

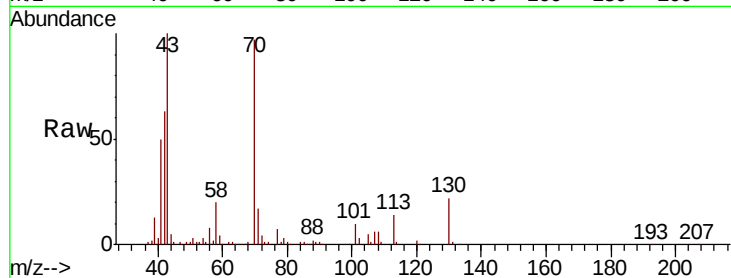




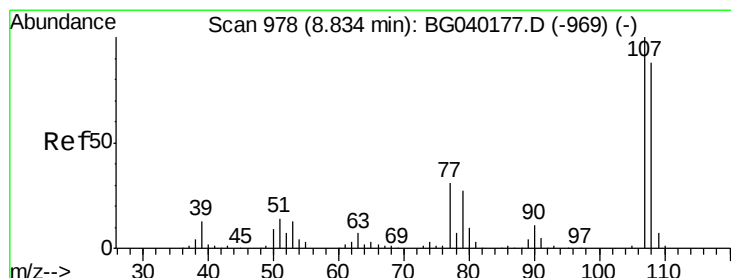
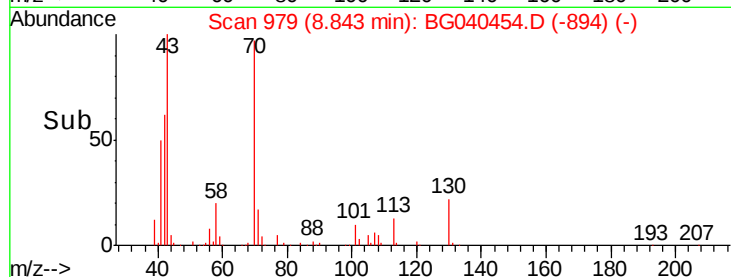
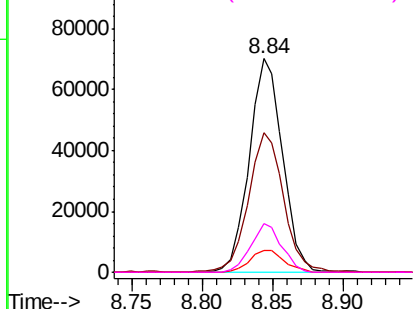
#19
n-Nitroso-di-n-propylamine
Concen: 34.466 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	115777
Ion	Ratio	Lower	Upper
70	100		
42	65.1	54.0	81.0
101	10.5	8.6	13.0
130	22.5	18.2	27.2

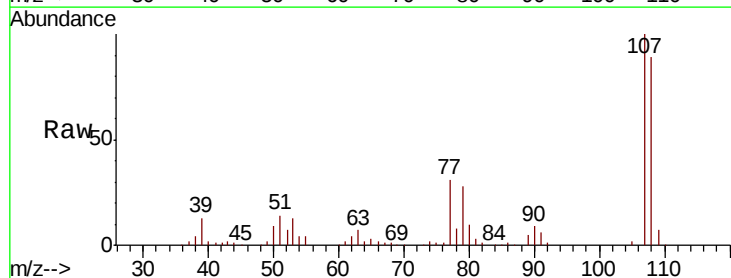


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

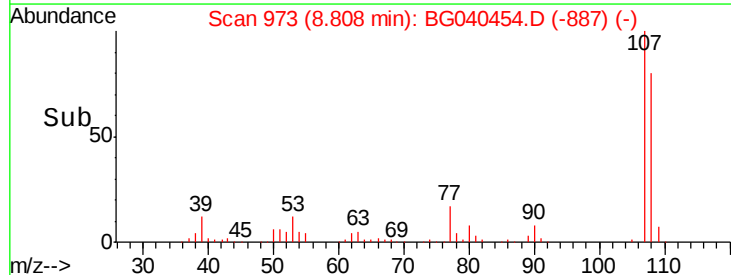
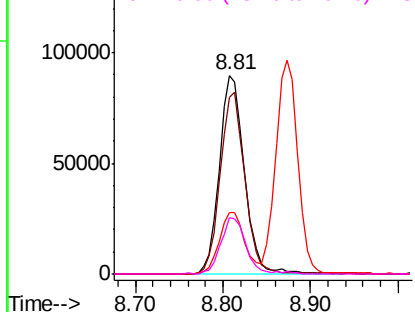


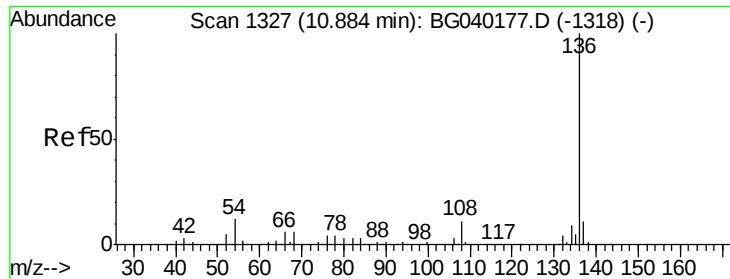
#20
3+4-Methylphenols
Concen: 37.185 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:	107	Resp:	177266
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.3	108.3
77	30.9	11.3	51.3
79	28.2	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# 1322

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 239772

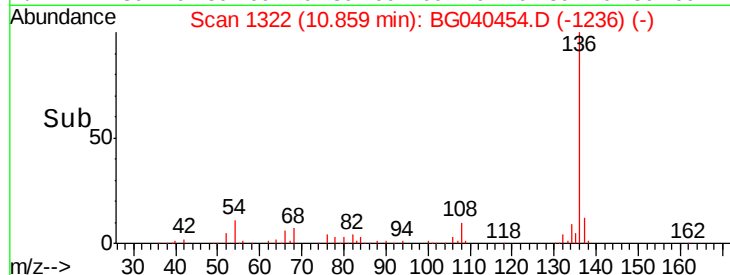
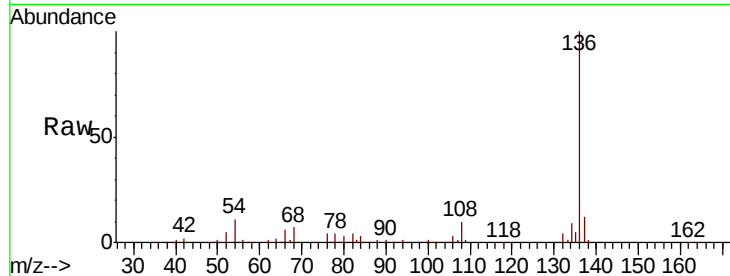
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 10.6 9.6 14.4

68 6.8 5.1 7.7

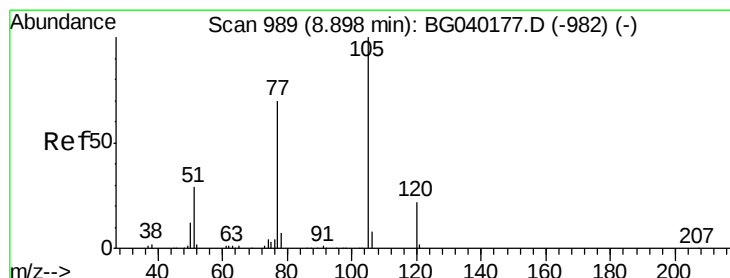
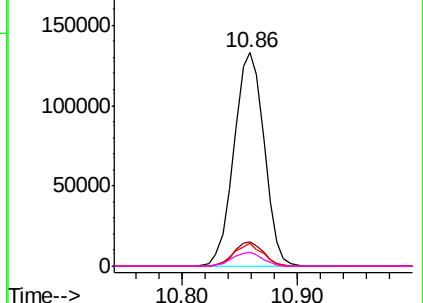


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.090 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Tgt Ion:105 Resp: 221837

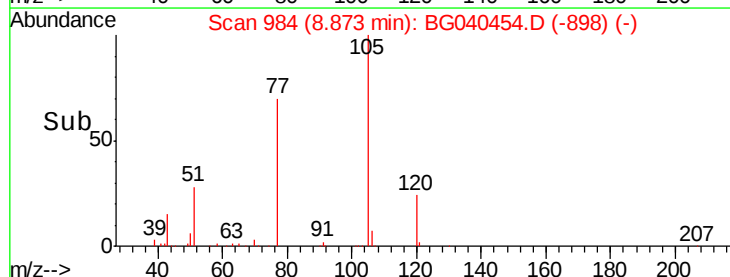
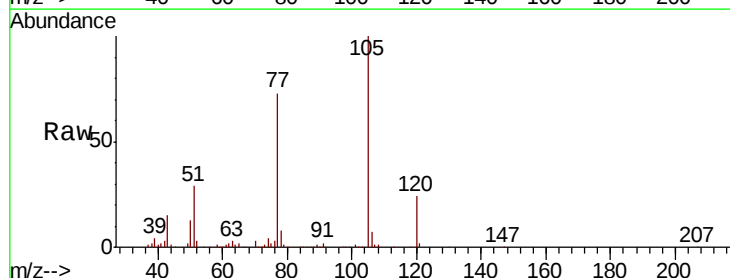
Ion Ratio Lower Upper

105 100

71 0.4 0.6 1.0#

51 29.3 25.1 37.7

120 24.1 17.6 26.4

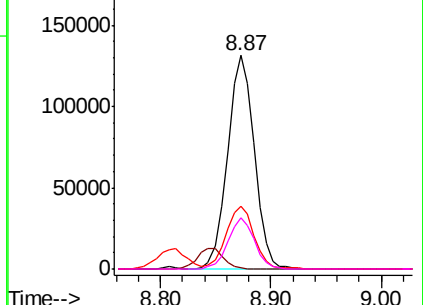


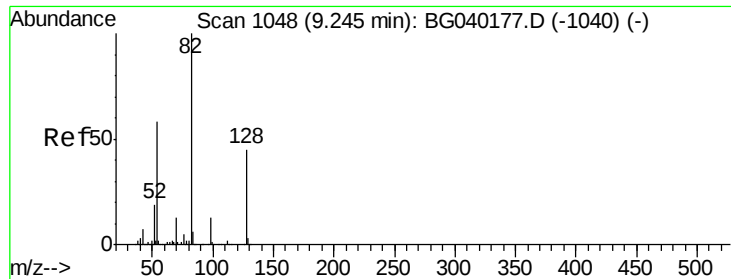
Abundance Ion 105.00 (104.70 to 105.70): E

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

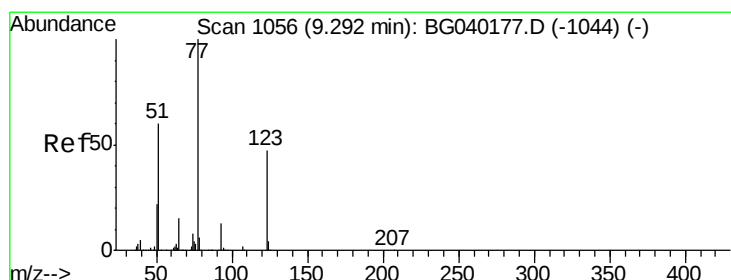
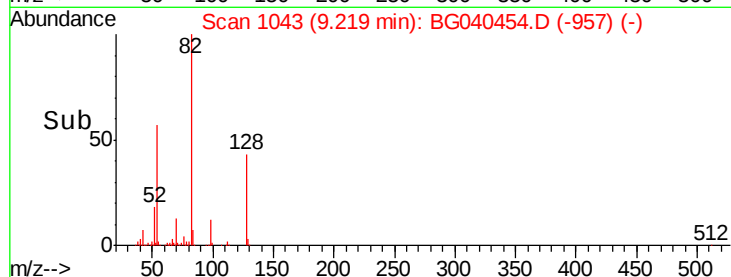
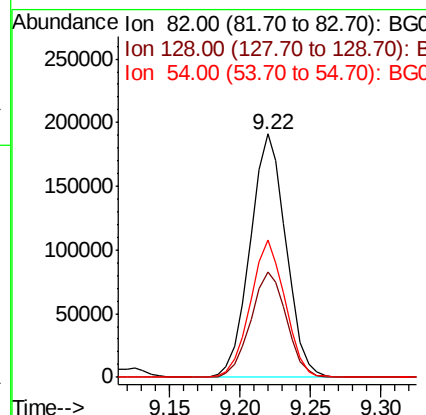
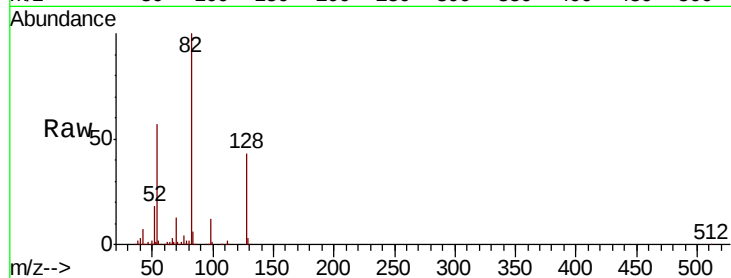




#23
Nitrobenzene-d5
Concen: 75.174 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

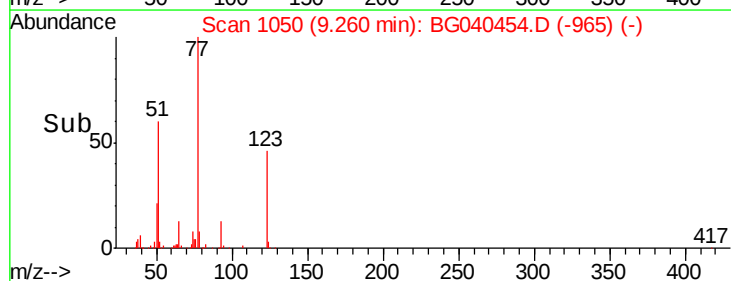
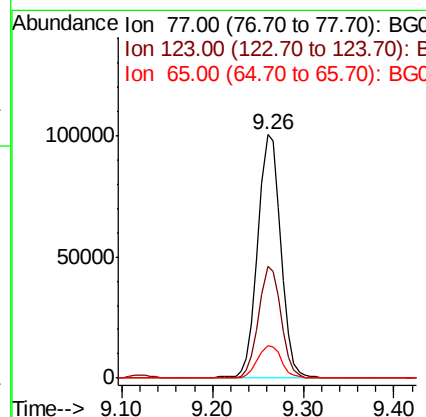
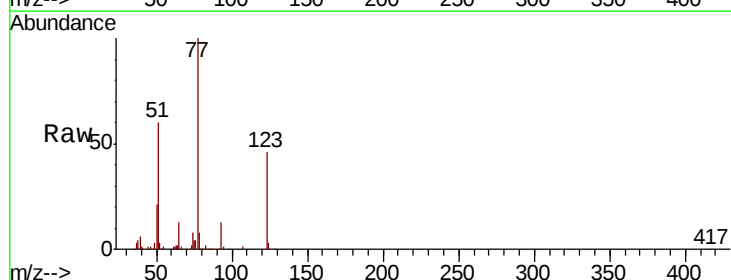
Instrument :
BNA_G
ClientSampleId :

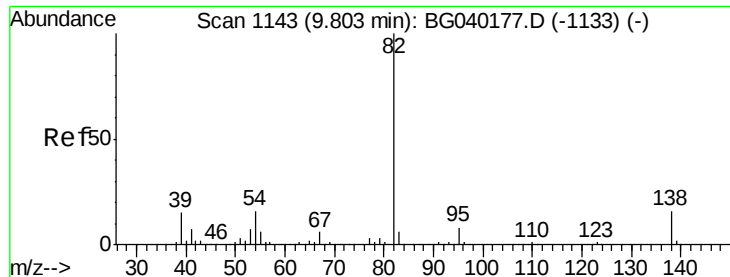
Tot Ion	82	Resp	339107
Ion Ratio	Lower	Upper	
82	100		
128	43.1	35.8	53.8
54	56.5	46.2	69.2



#24
Nitrobenzene
Concen: 38.098 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion	77	Resp	177965
Ion Ratio	Lower	Upper	
77	100		
123	46.1	37.8	56.6
65	13.4	12.0	18.0





#25

Isophorone

Concen: 35.994 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

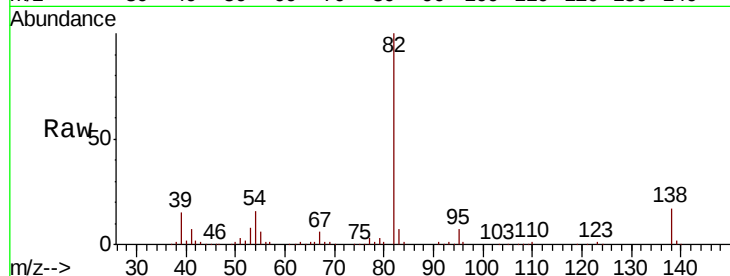
Tot Ion: 82 Resp: 334084

Ion Ratio Lower Upper

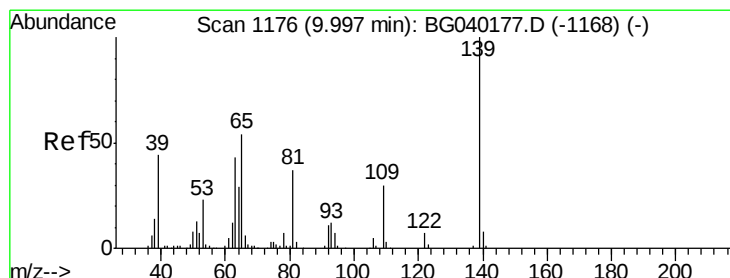
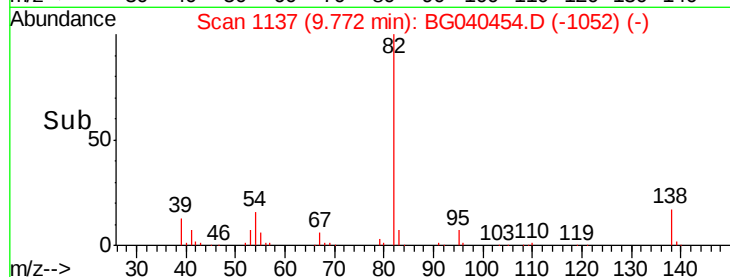
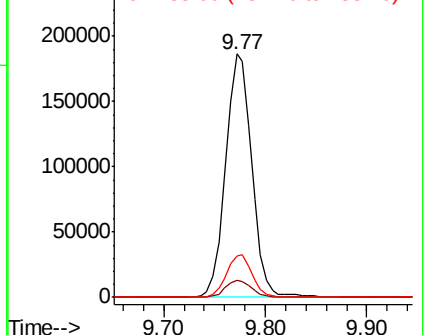
82 100

95 7.2 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: 38.615 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

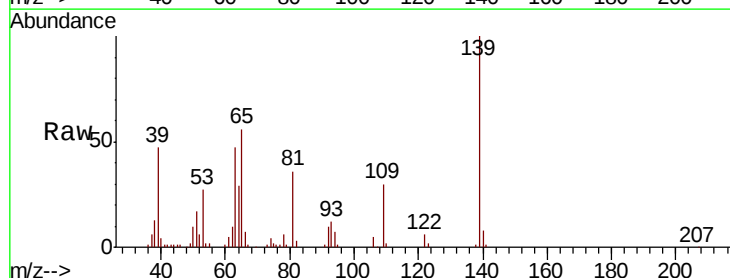
Tgt Ion: 139 Resp: 85471

Ion Ratio Lower Upper

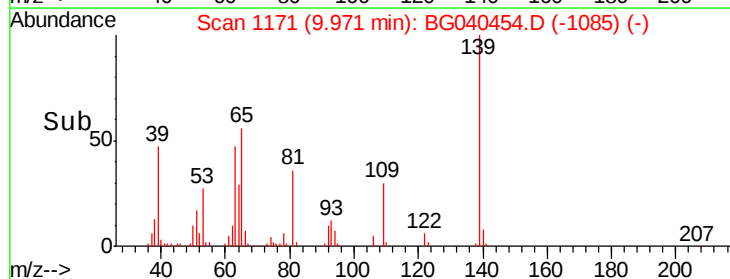
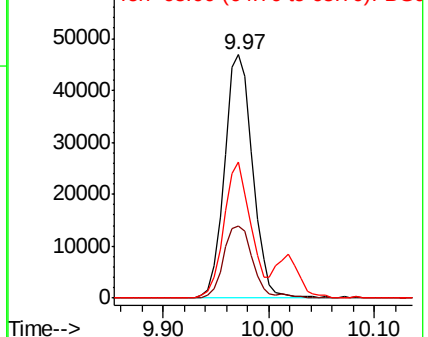
139 100

109 29.6 24.1 36.1

65 56.1 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

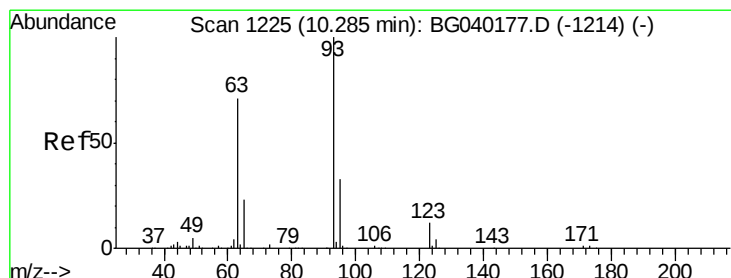
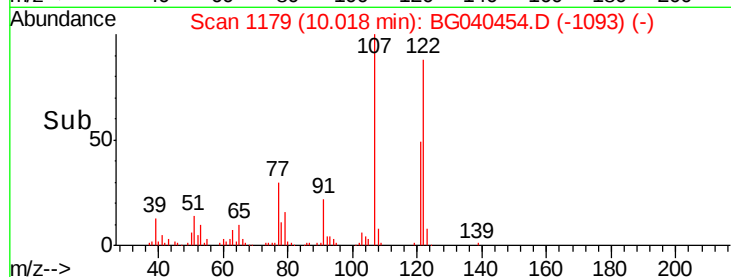
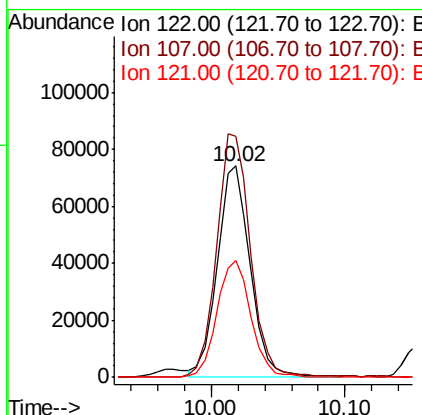
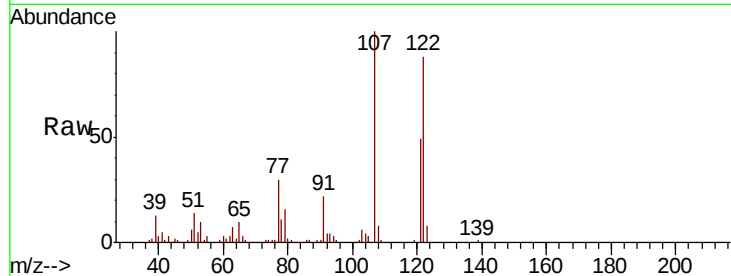




#27
 2,4-Dimethylphenol
 Concen: 36.173 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

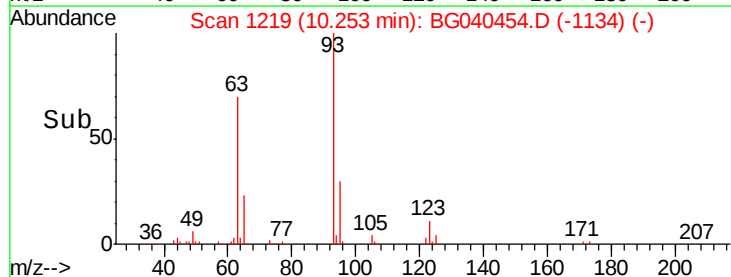
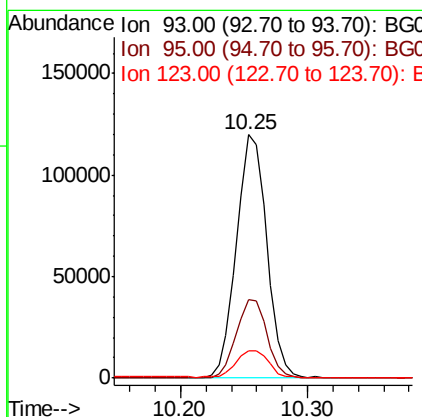
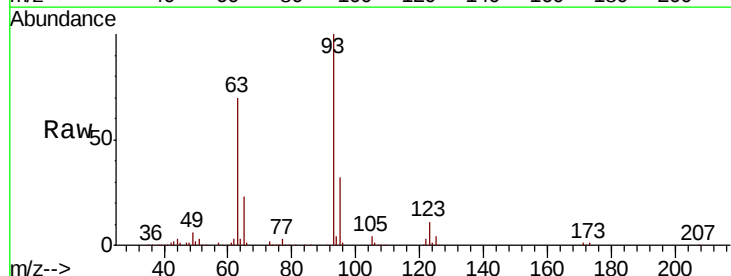
Instrument :
 BNA_G
 ClientSampleId :

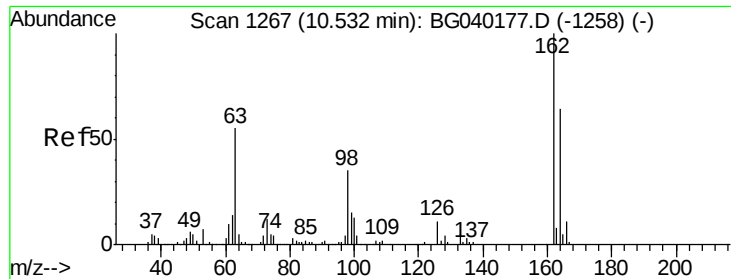
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	97.4	146.2
121	55.4	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.299 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	11.3	9.4	14.0

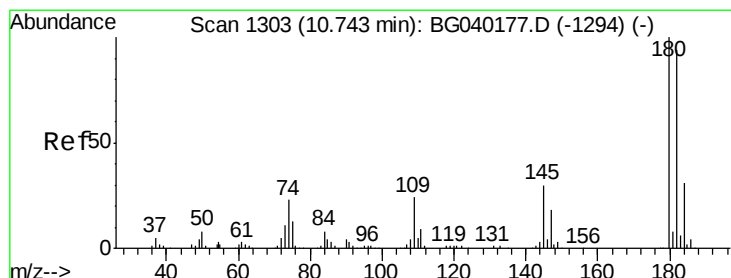
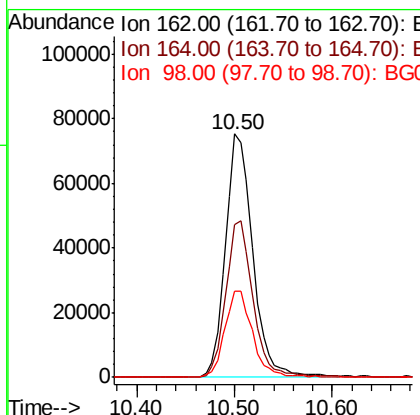
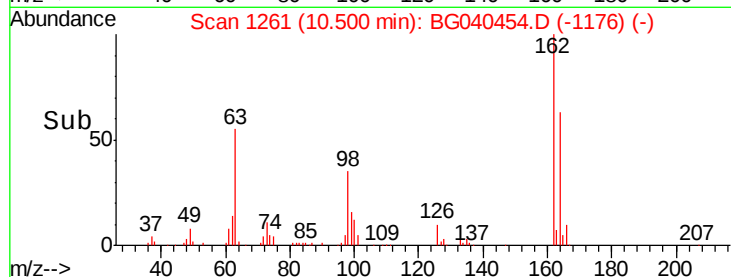
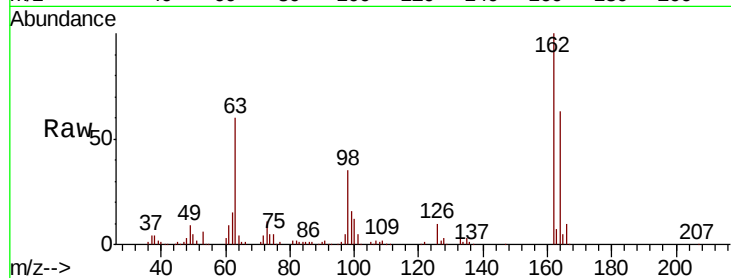




#29
 2,4-Dichlorophenol
 Concen: 38.378 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

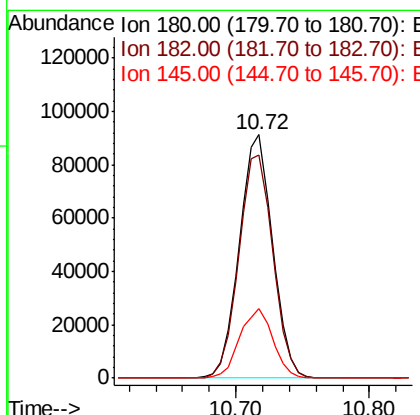
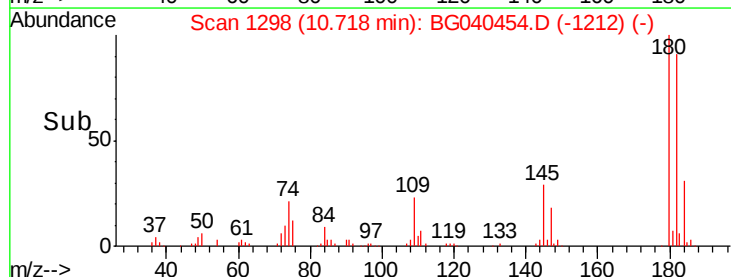
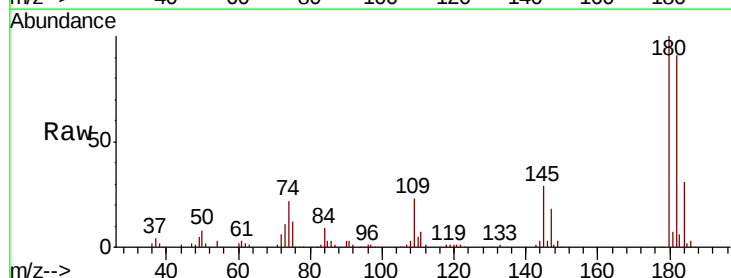
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.9	83.9
98	35.3	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 37.280 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.1	112.7
145	28.6	24.1	36.1

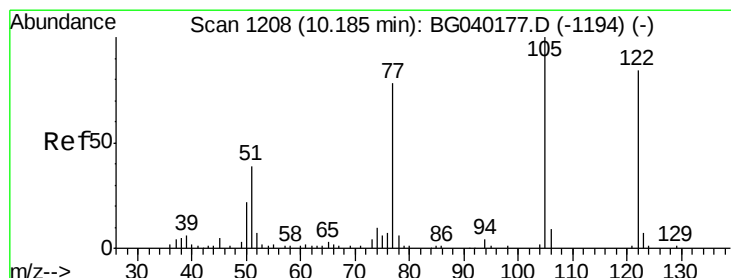
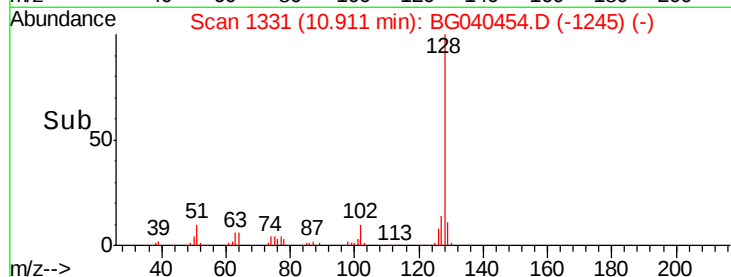
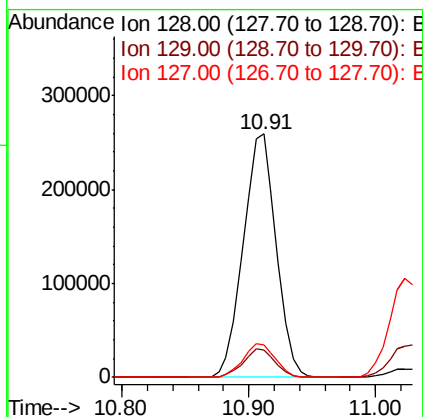
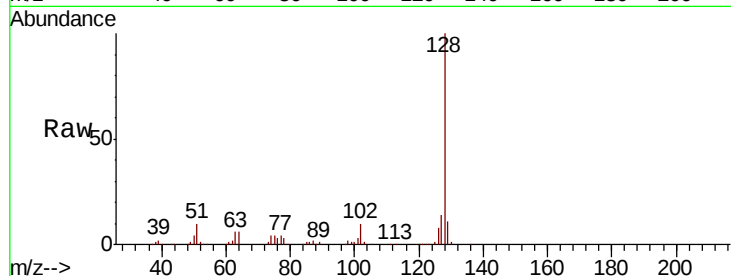




#31
Naphthalene
Concen: 37.933 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

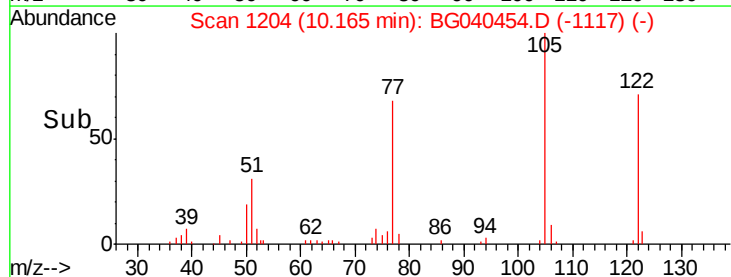
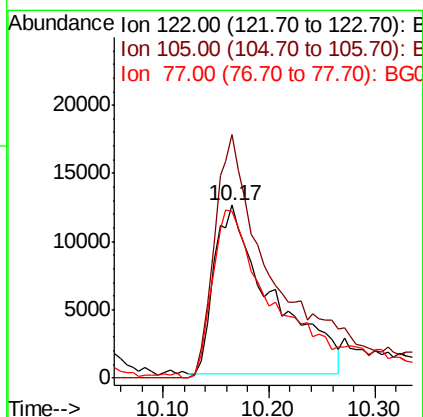
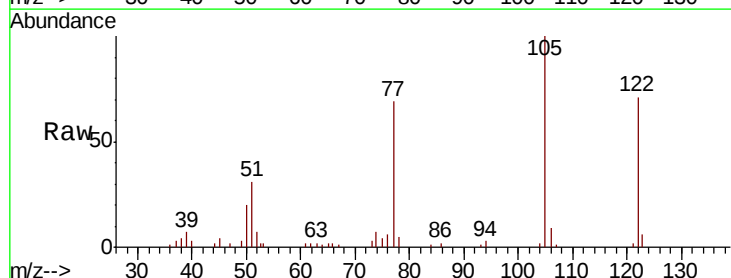
Instrument :
BNA_G
ClientSampleId :

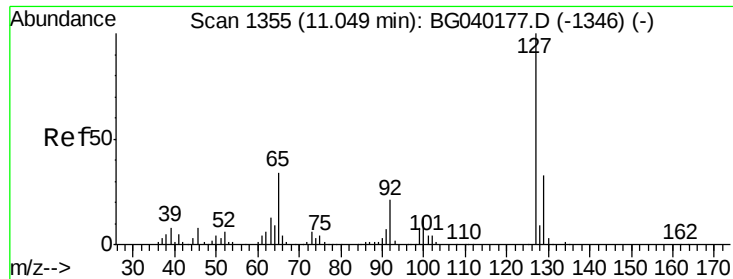
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.6	11.4	17.0



#32
Benzoic acid
Concen: 22.388 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.6	98.2	138.2#
77	96.4	73.6	113.6

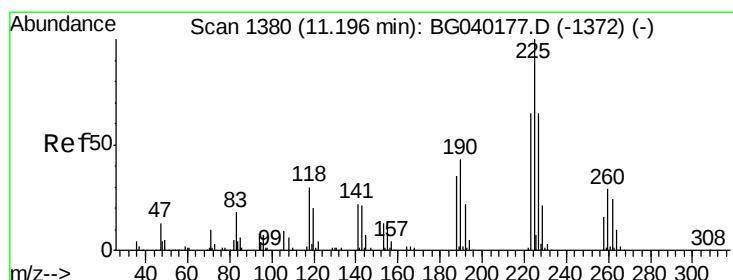
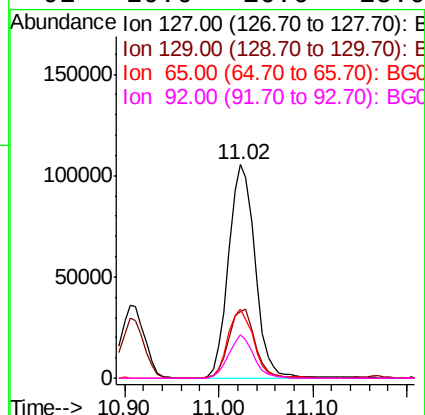
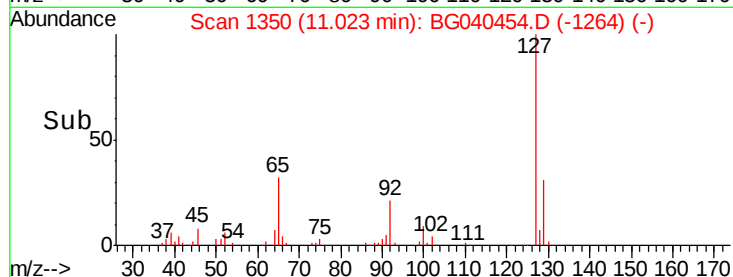
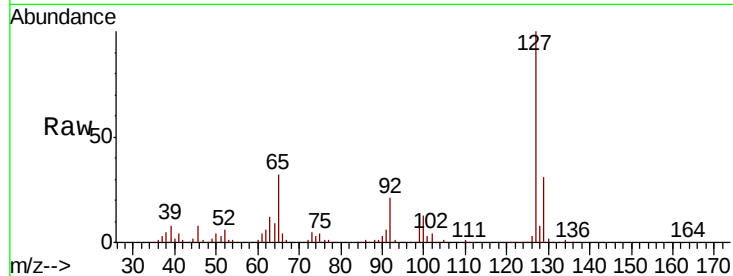




#33
4-Chloroaniline
Concen: 39.555 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

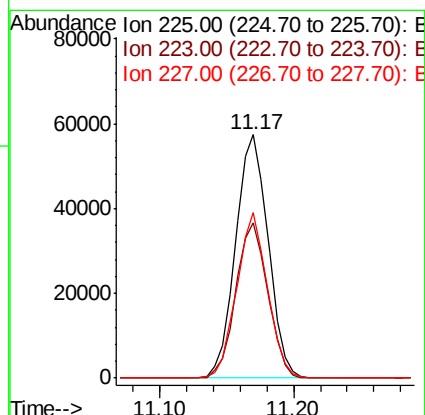
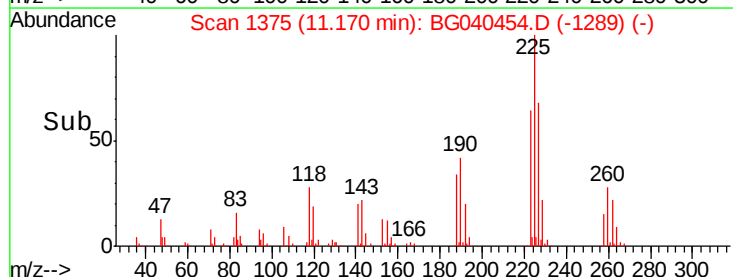
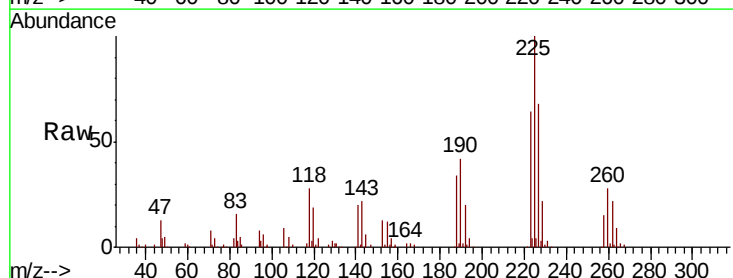
Instrument :
BNA_G
ClientSampleId :

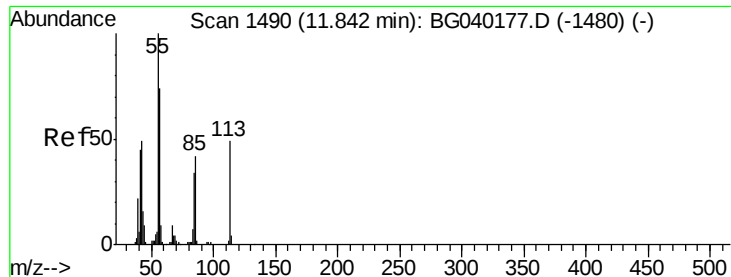
Tot Ion:	127	Resp:	207360
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	40.0
65	32.3	27.0	40.4
92	20.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 36.143 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:	225	Resp:	96861
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.8	77.8
227	68.1	54.9	82.3





#35

Caprolactam

Concen: 41.606 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampled :

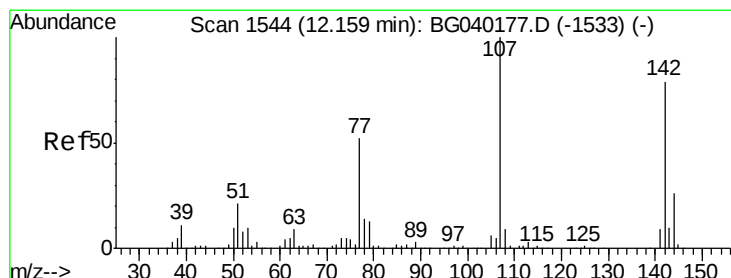
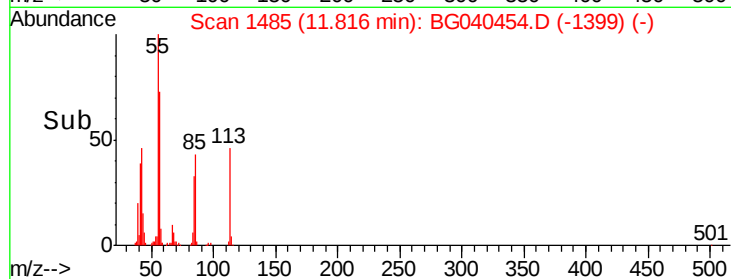
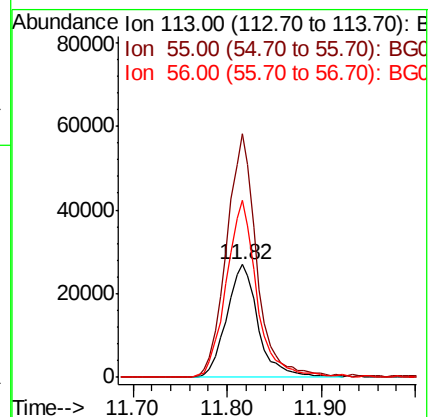
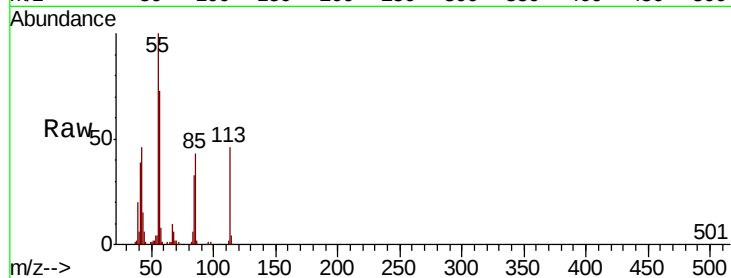
Tot Ion:113 Resp: 63010

Ion Ratio Lower Upper

113 100

55 216.4 184.2 224.2

56 157.0 131.3 171.3



#36

4-Chloro-3-methylphenol

Concen: 41.010 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

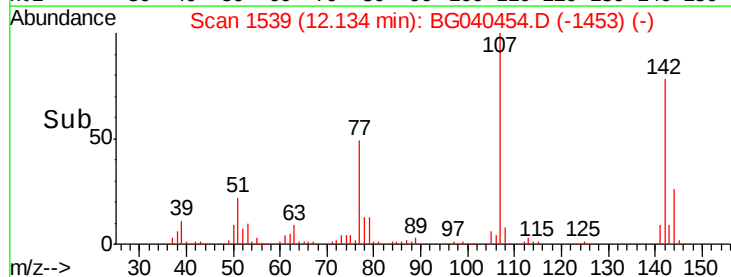
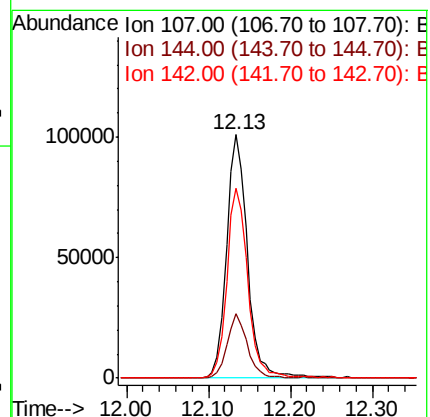
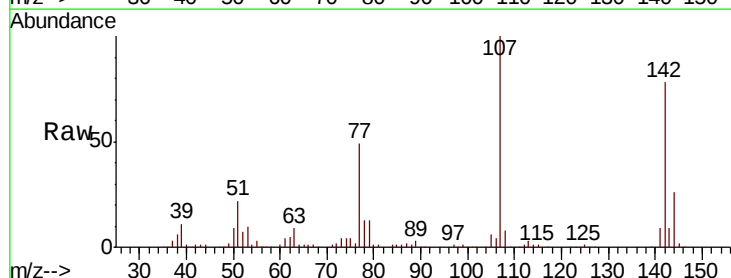
Tgt Ion:107 Resp: 179921

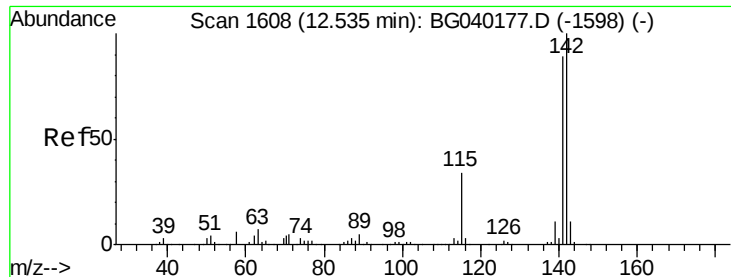
Ion Ratio Lower Upper

107 100

144 26.4 20.5 30.7

142 78.2 63.1 94.7

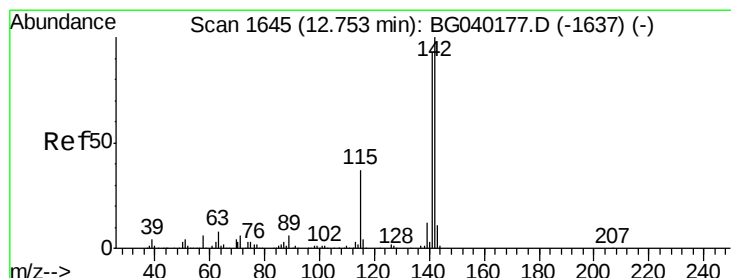
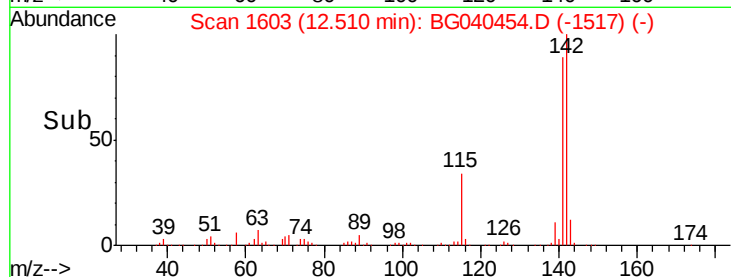
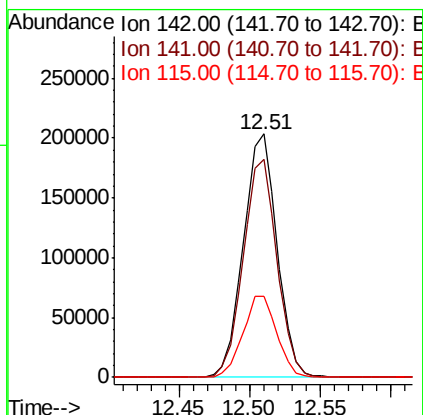
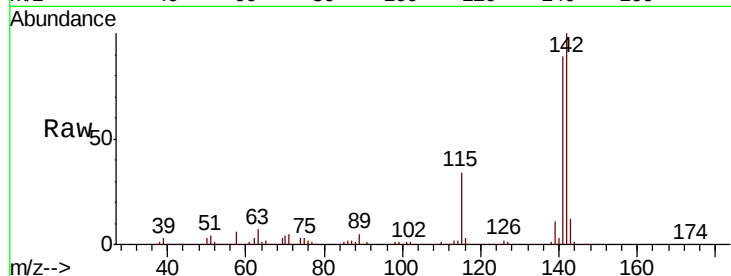




#37
 2-Methylnaphthalene
 Concen: 37.527 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

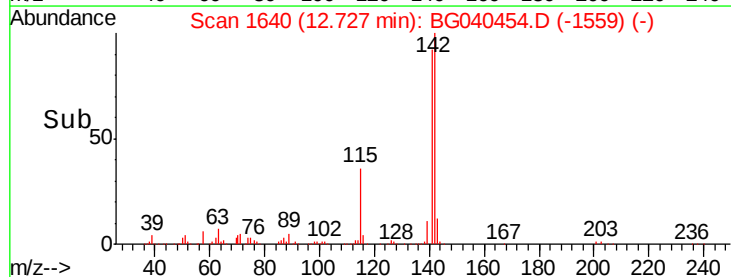
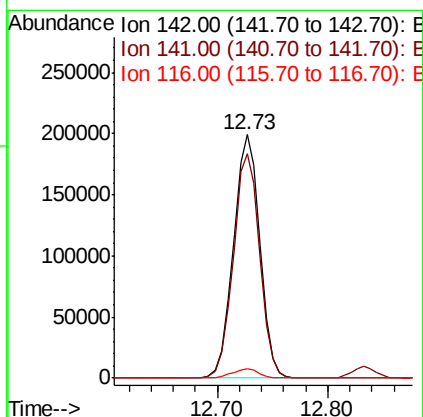
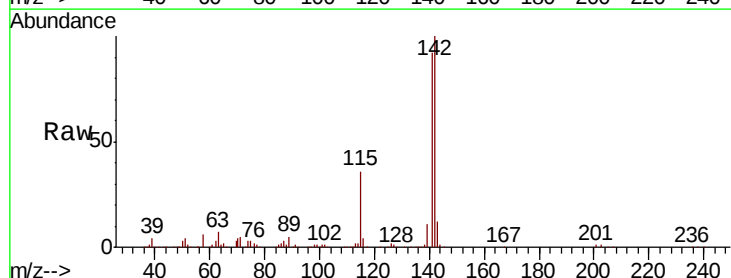
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:142 Resp: 341104
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 33.5 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 37.764 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion:142 Resp: 332858
 Ion Ratio Lower Upper
 142 100
 141 92.0 74.2 111.4
 116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

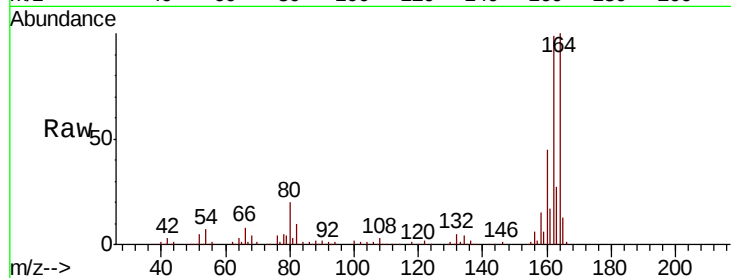
Tot Ion:164 Resp: 154326

Ion Ratio Lower Upper

164 100

162 98.7 77.4 116.2

160 45.0 35.3 52.9

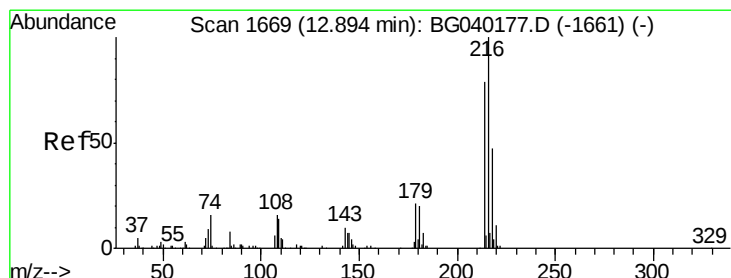
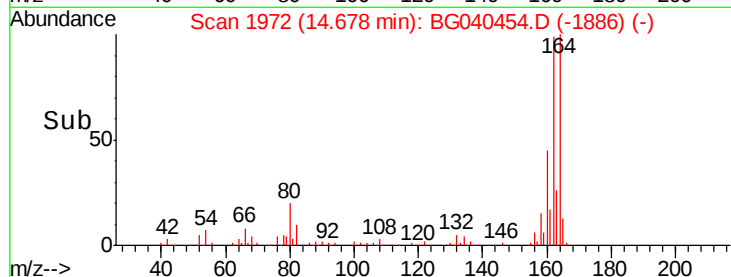
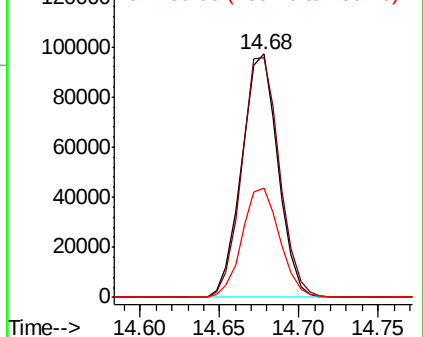


Abundance

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: 35.246 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Tgt Ion:216 Resp: 172882

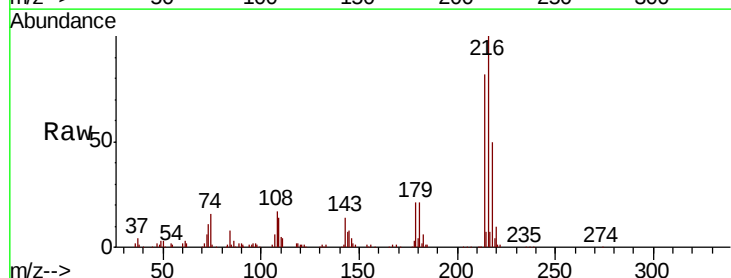
Ion Ratio Lower Upper

216 100

214 81.1 63.5 95.3

179 21.3 16.6 25.0

108 19.4 13.8 20.8



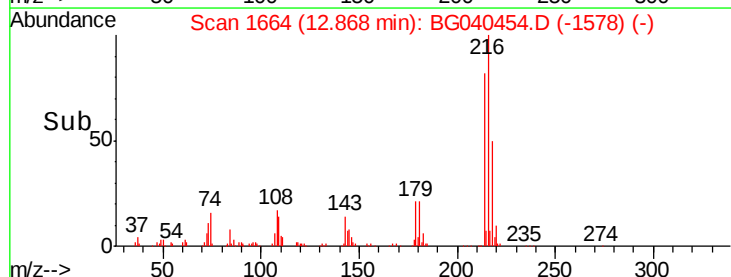
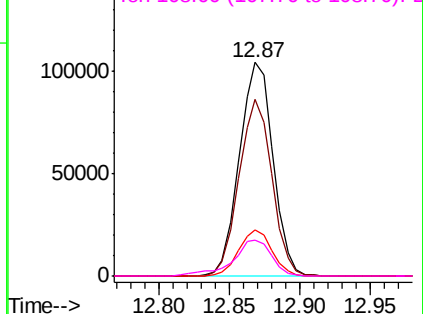
Abundance

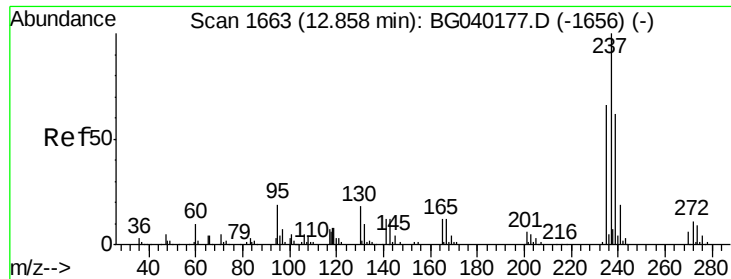
Ion 216.00 (215.70 to 216.70): E

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: 46.853 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampled :

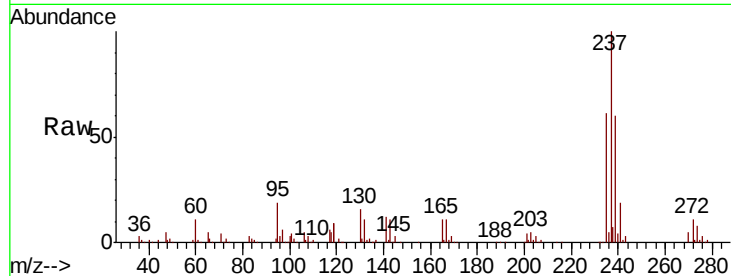
Tot Ion:237 Resp: 126185

Ion Ratio Lower Upper

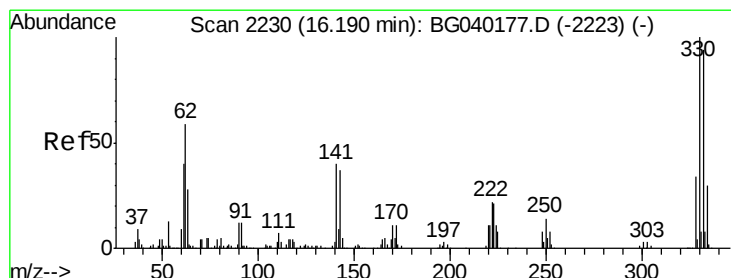
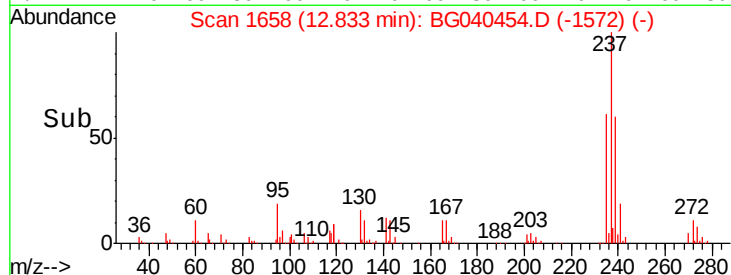
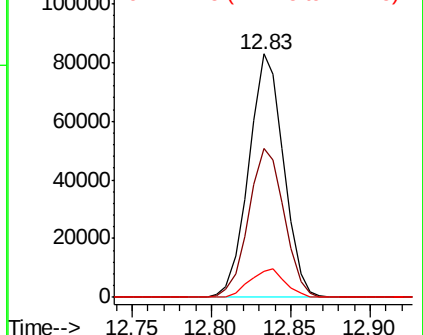
237 100

235 61.4 46.2 86.2

272 10.8 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: 88.770 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

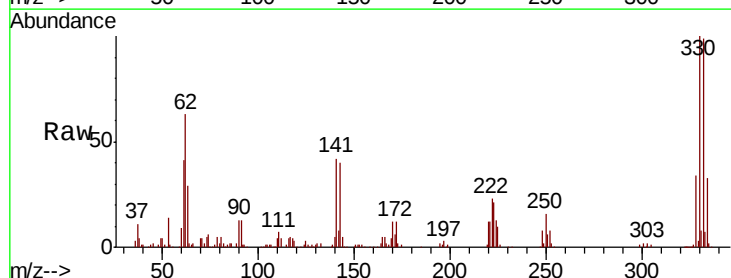
Tgt Ion:330 Resp: 148056

Ion Ratio Lower Upper

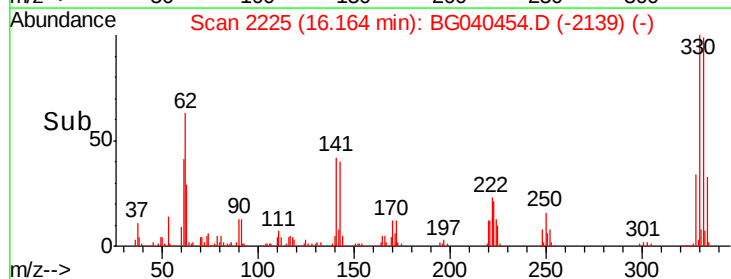
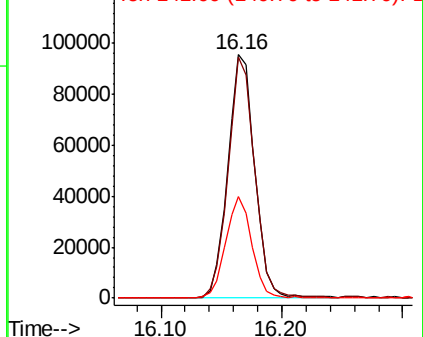
330 100

332 97.9 76.6 115.0

141 40.2 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

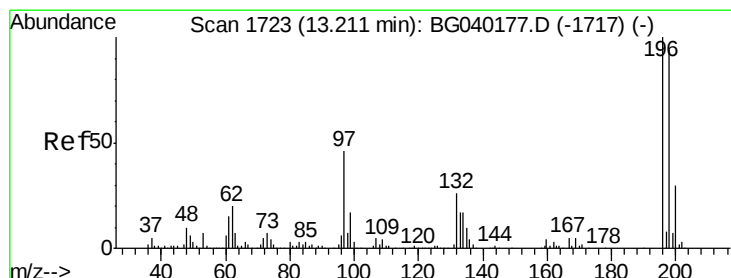
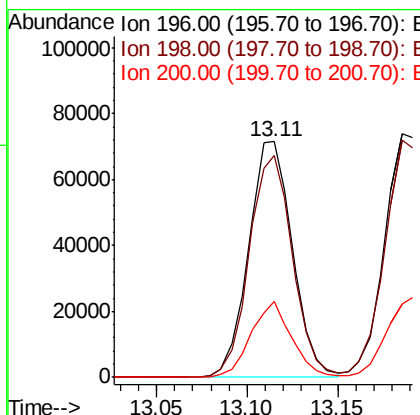
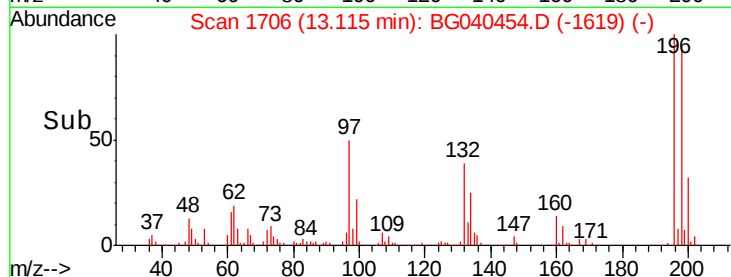
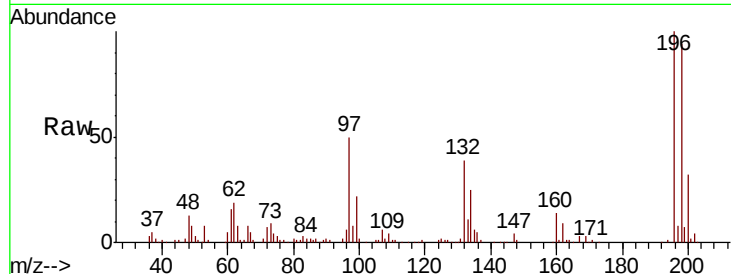




#43
 2,4,6-Trichlorophenol
 Concen: 37.968 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

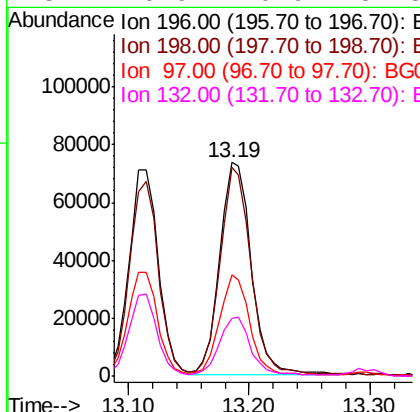
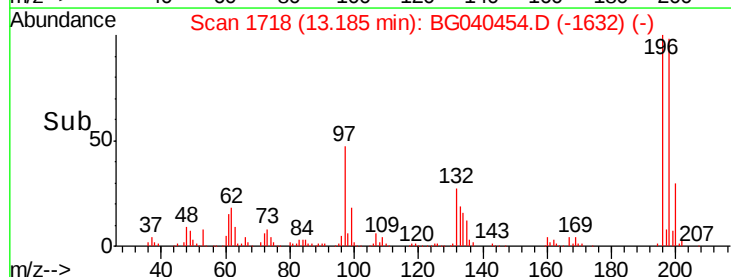
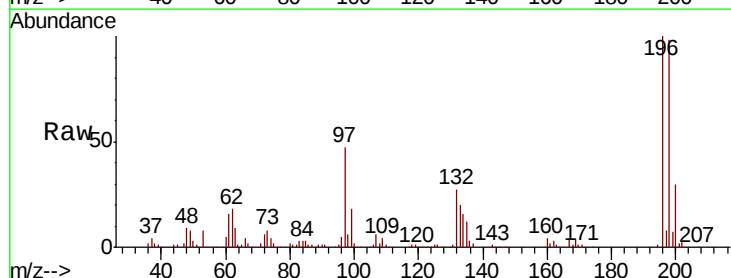
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	120070
Ion Ratio	Lower	Upper	
196	100		
198	94.2	78.3	117.5
200	32.1	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 38.566 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	196	Resp	132937
Ion Ratio	Lower	Upper	
196	100		
198	97.6	75.0	112.6
97	47.4	37.3	55.9
132	26.9	20.9	31.3

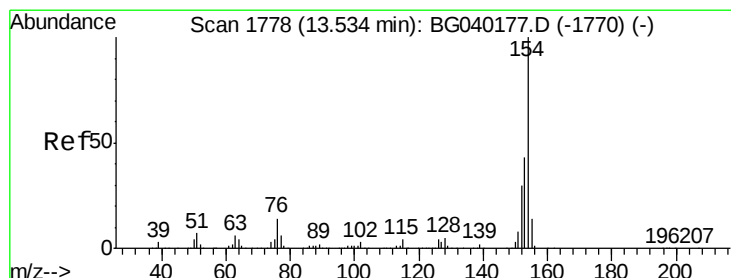
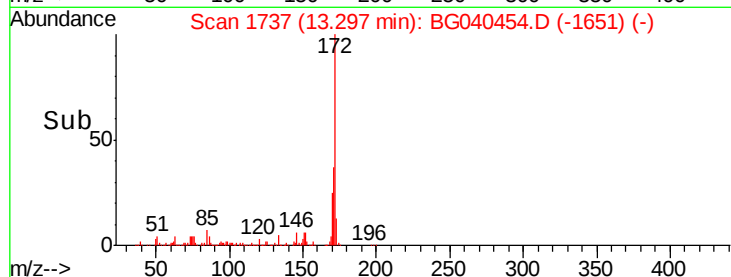
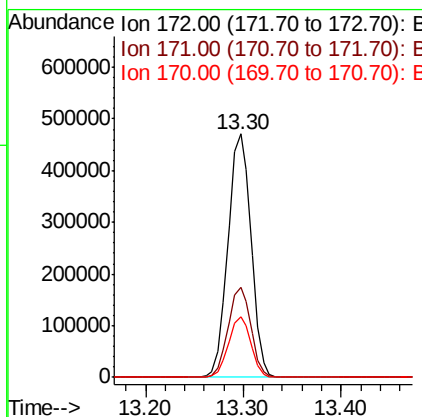
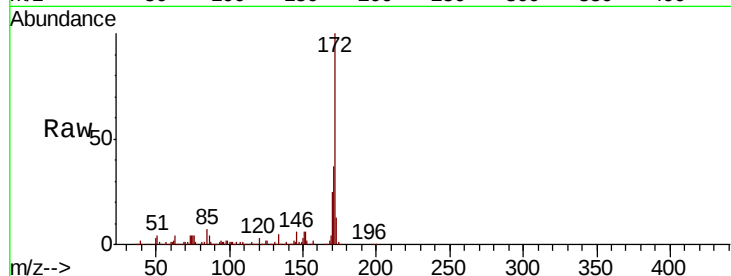




#45
2-Fluorobiphenyl
Concen: 73.918 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

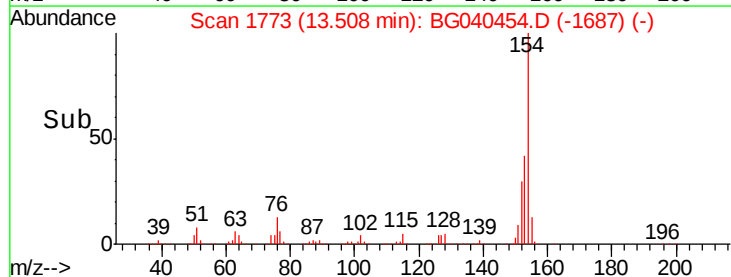
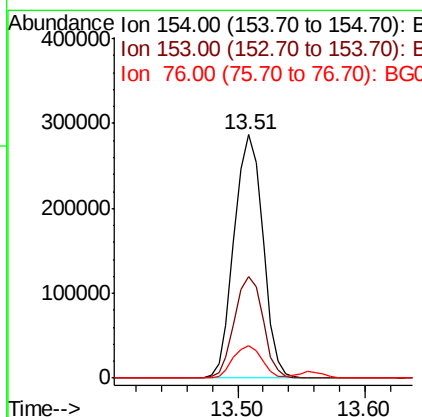
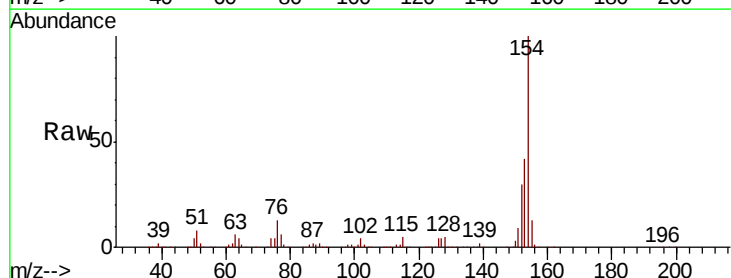
Instrument :
BNA_G
ClientSampleId :

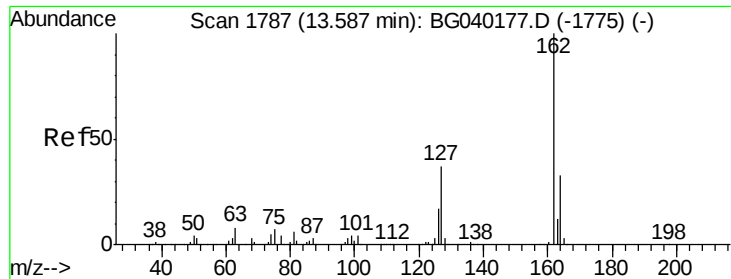
Tot Ion:172 Resp: 769860
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 37.038 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:154 Resp: 451632
Ion Ratio Lower Upper
154 100
153 41.8 22.5 62.5
76 13.3 0.0 33.7

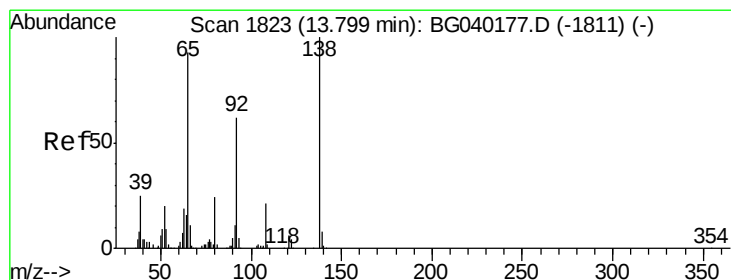
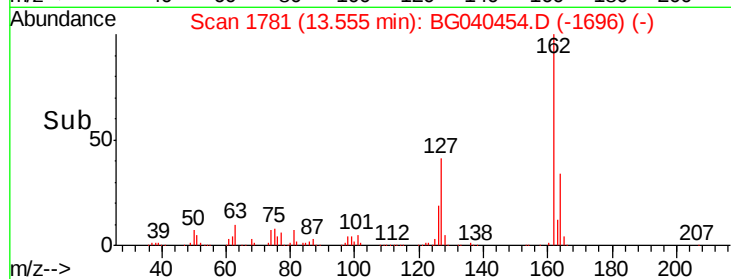
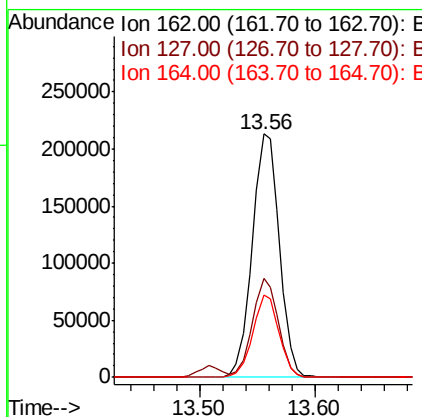
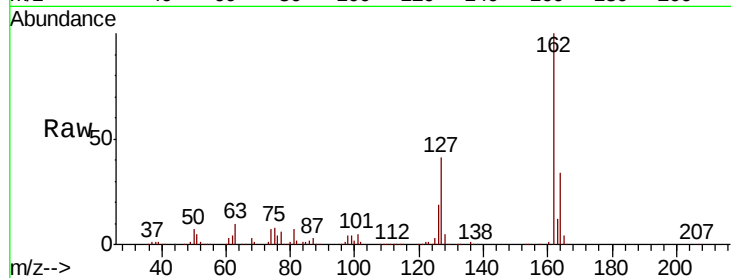




#47
 2-Chloronaphthalene
 Concen: 37.258 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

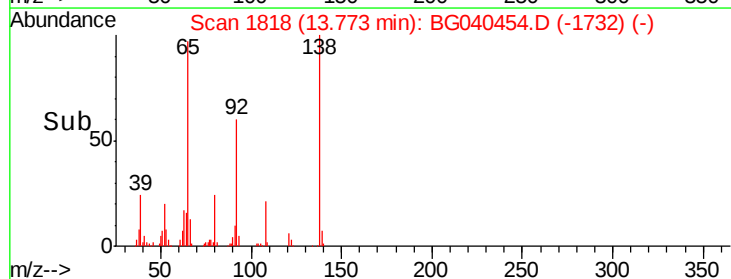
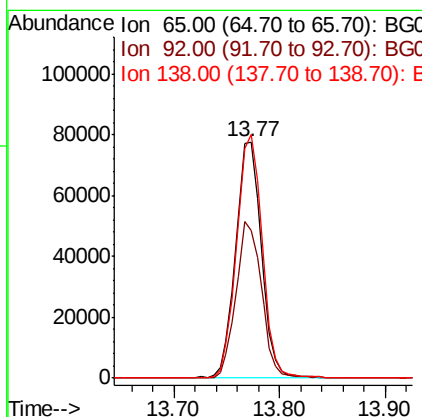
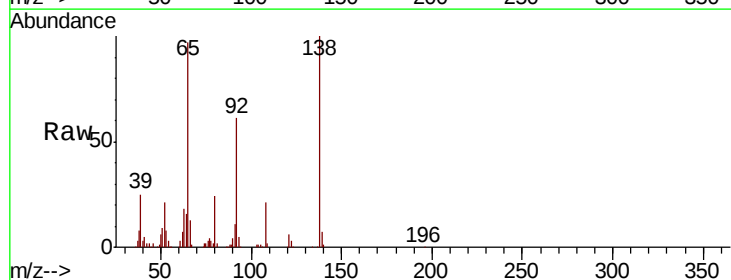
Instrument :
 BNA_G
 ClientSampleId :

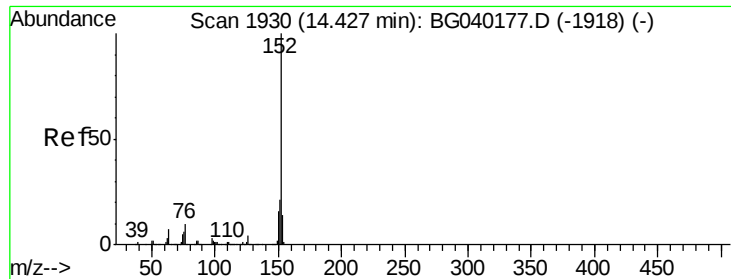
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.6	45.8
164	34.0	26.2	39.4



#48
 2-Nitroaniline
 Concen: 41.524 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	53.8	80.6
138	103.1	86.3	129.5





#49

Acenaphthylene

Concen: 38.755 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

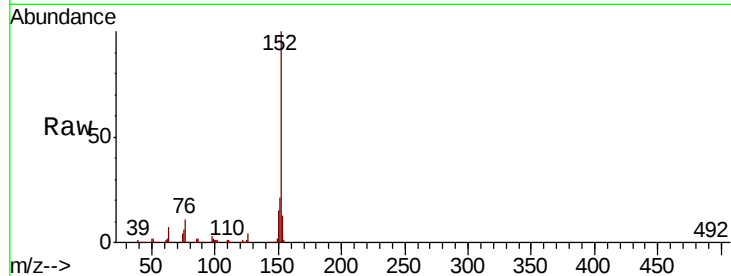
Tot Ion:152 Resp: 614601

Ion Ratio Lower Upper

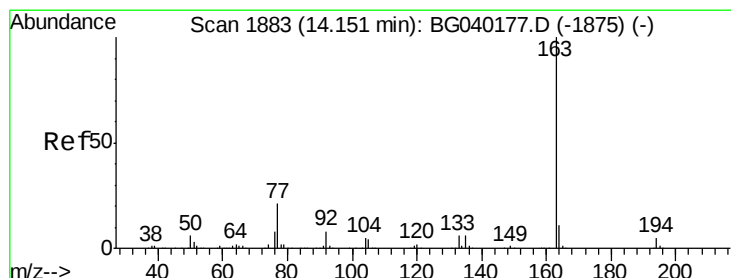
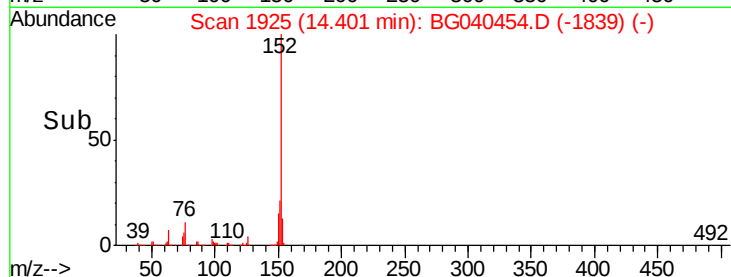
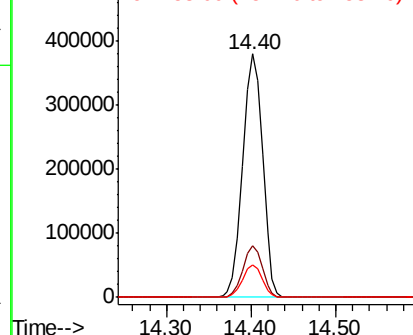
152 100

151 21.1 17.0 25.6

153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.496 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

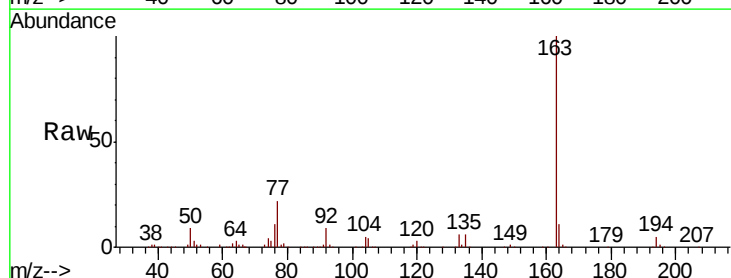
Tgt Ion:163 Resp: 477034

Ion Ratio Lower Upper

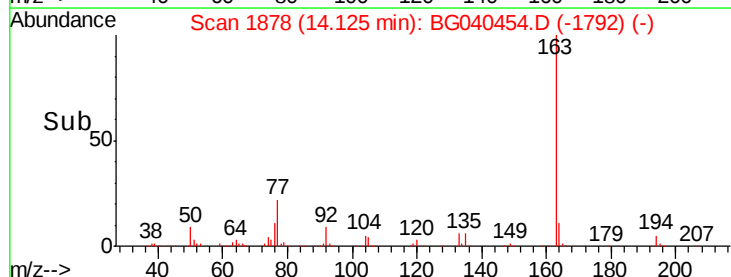
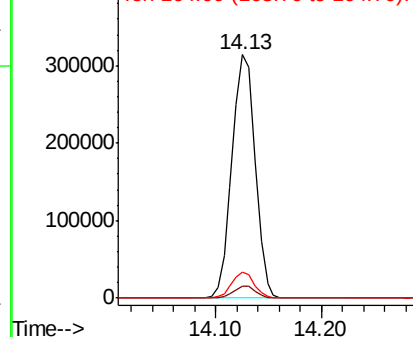
163 100

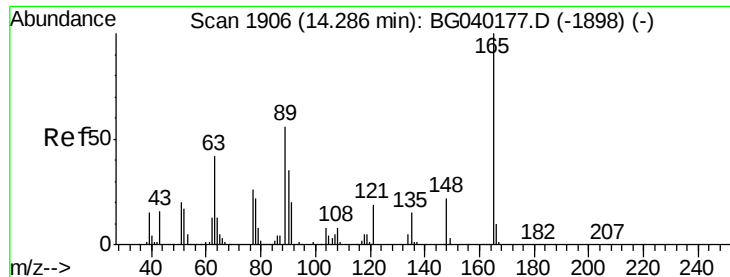
194 4.8 4.1 6.1

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

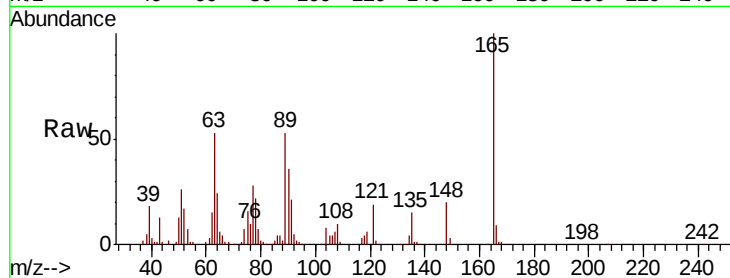




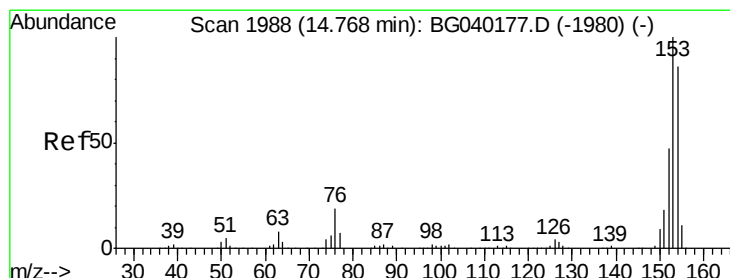
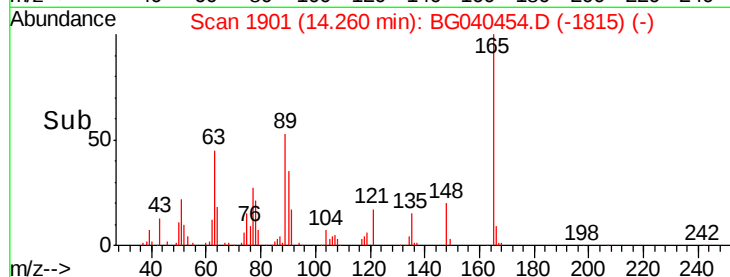
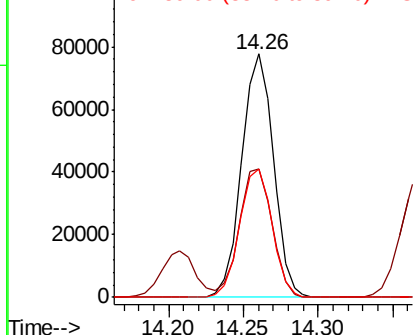
#51
 2,6-Dinitrotoluene
 Concen: 42.315 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 114757
 Ion Ratio Lower Upper
 165 100
 63 52.6 44.1 66.1
 89 52.9 44.9 67.3

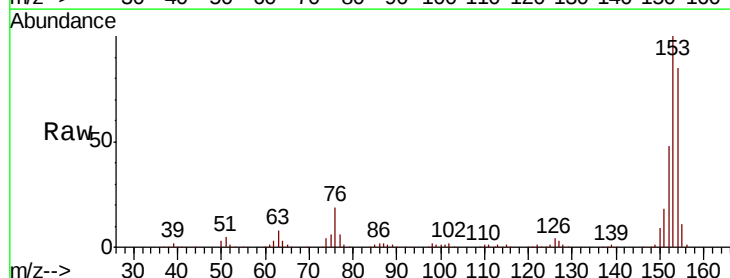


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

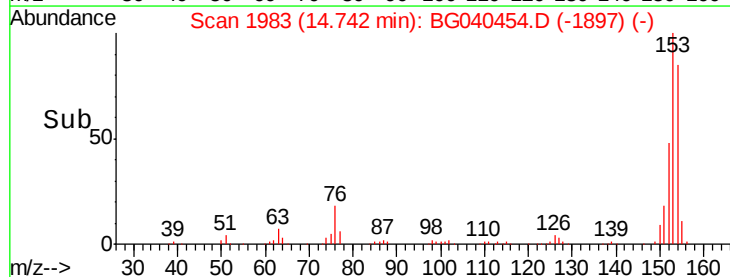
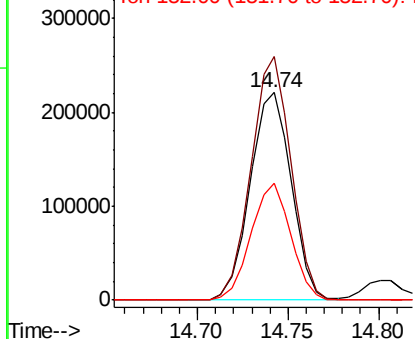


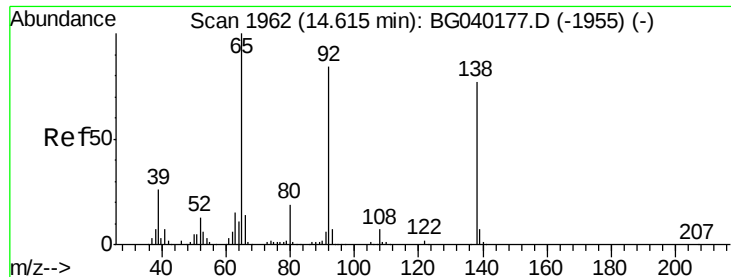
#52
 Acenaphthene
 Concen: 38.307 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion:154 Resp: 348101
 Ion Ratio Lower Upper
 154 100
 153 117.5 92.8 139.2
 152 56.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.479 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

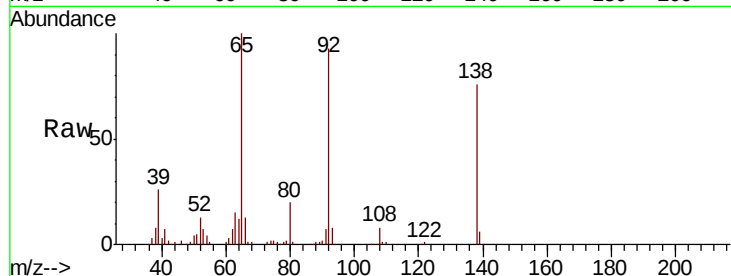
Tot Ion:138 Resp: 124817

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

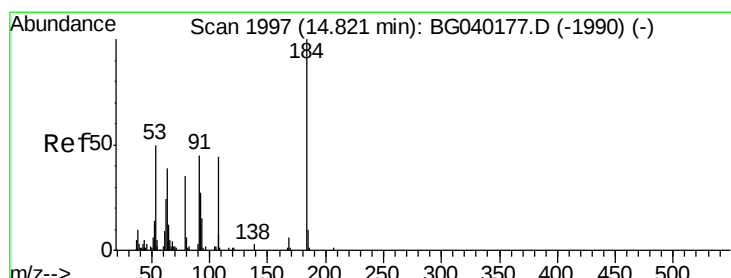
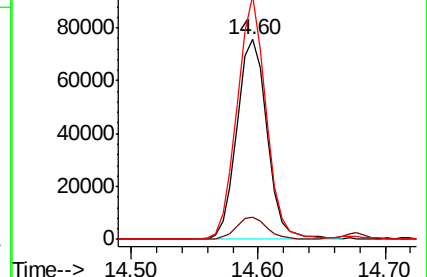
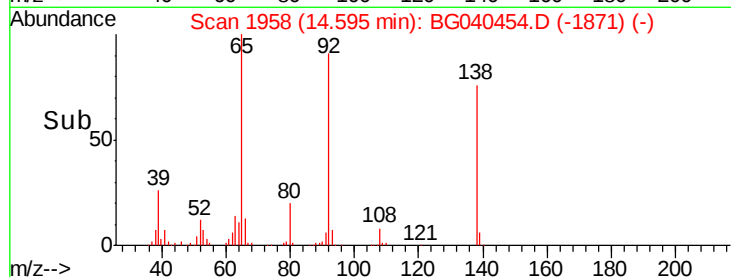
92 121.8 87.5 131.3



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: 43.350 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

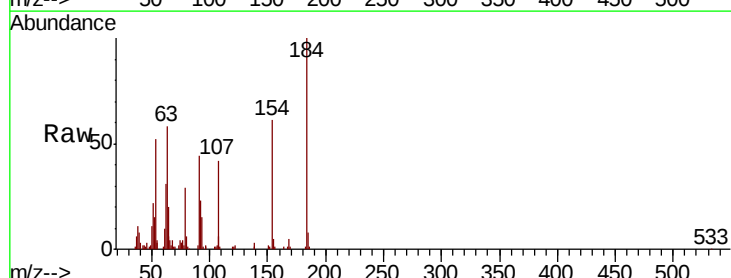
Tgt Ion:184 Resp: 62523

Ion Ratio Lower Upper

184 100

63 57.6 51.8 77.8

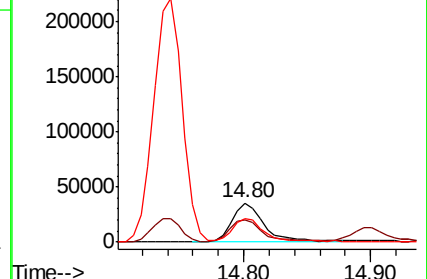
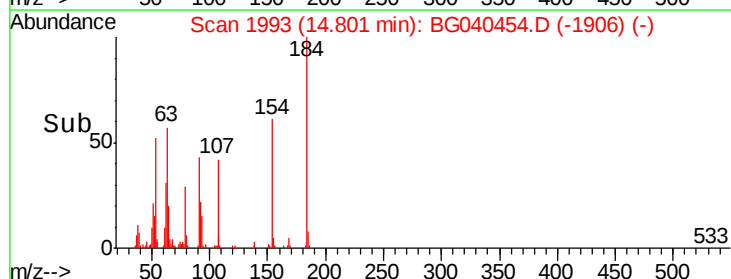
154 60.6 50.9 76.3

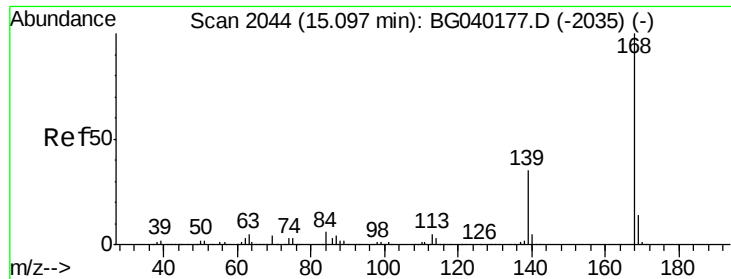


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

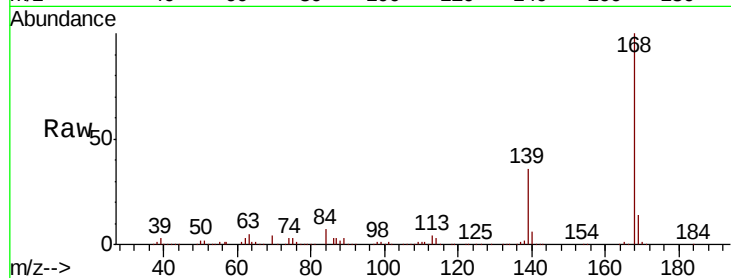




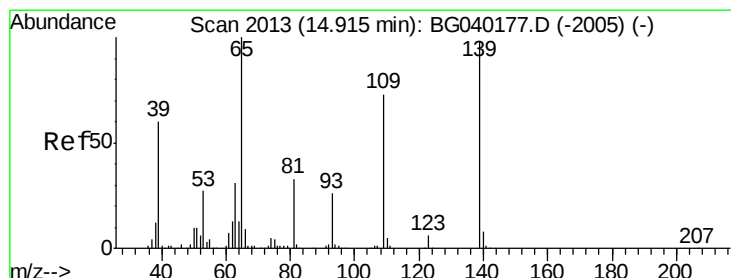
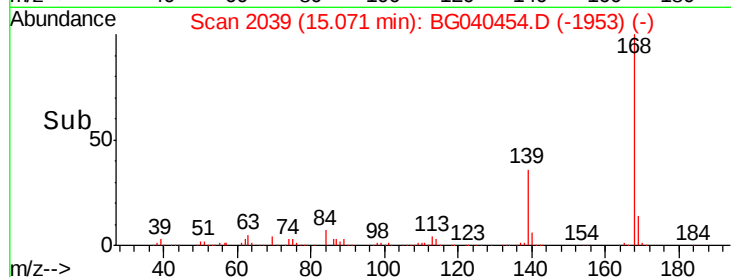
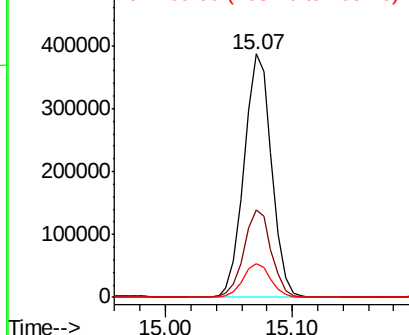
#55
Dibenzofuran
Concen: 39.935 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 583117
Ion Ratio Lower Upper
168 100
139 36.0 27.9 41.9
169 13.6 11.3 16.9

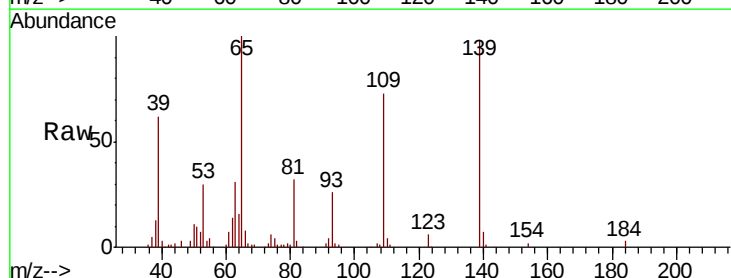


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

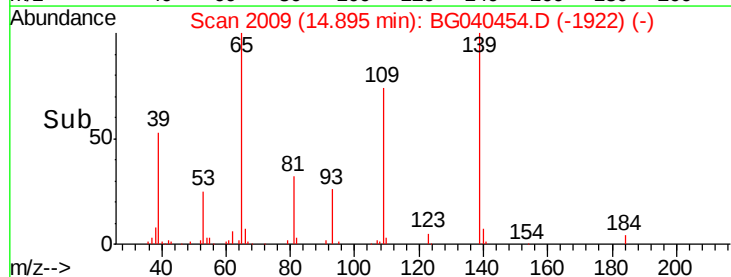
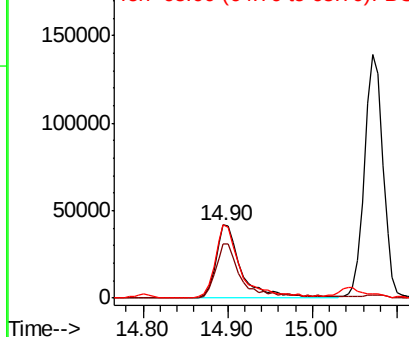


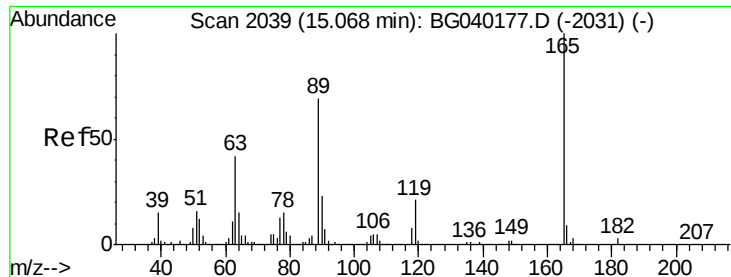
#56
4-Nitrophenol
Concen: 38.730 ng
RT: 14.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:139 Resp: 89733
Ion Ratio Lower Upper
139 100
109 74.6 54.3 94.3
65 101.6 82.5 122.5



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

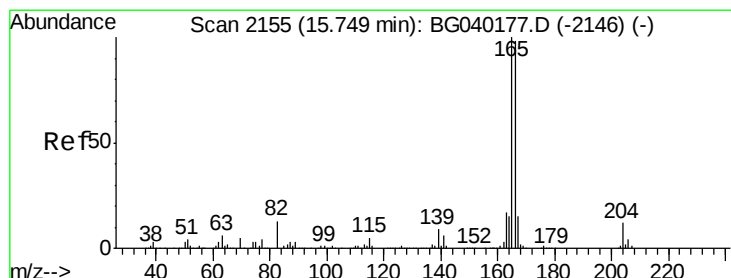
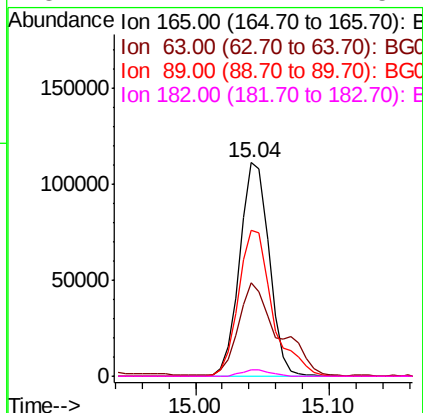
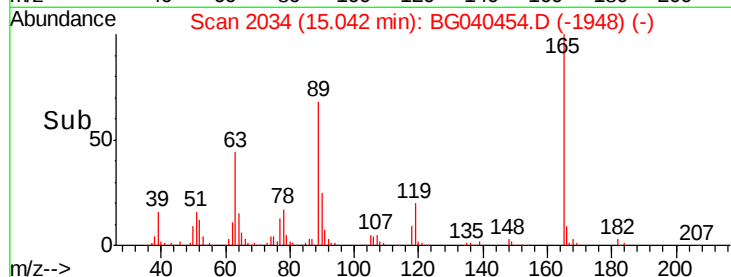
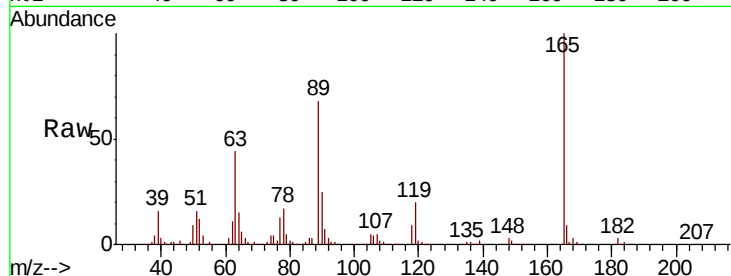




#57
2,4-Dinitrotoluene
Concen: 44.933 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

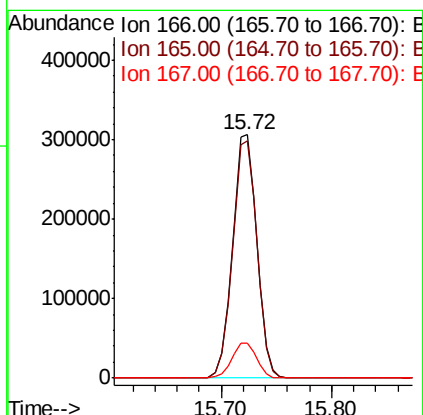
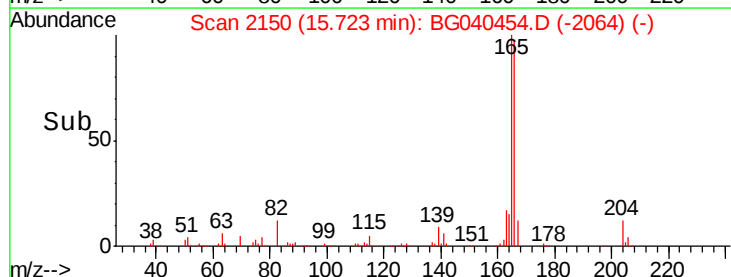
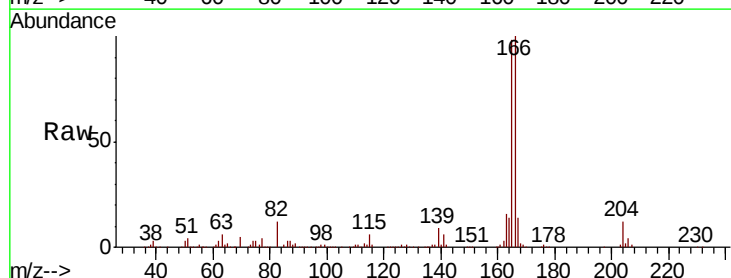
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 169323
Ion Ratio Lower Upper
165 100
63 43.5 33.8 50.6
89 68.5 55.4 83.2
182 2.7 2.2 3.4



#58
Fluorene
Concen: 41.167 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:166 Resp: 472602
Ion Ratio Lower Upper
166 100
165 97.5 81.7 122.5
167 14.4 11.9 17.9

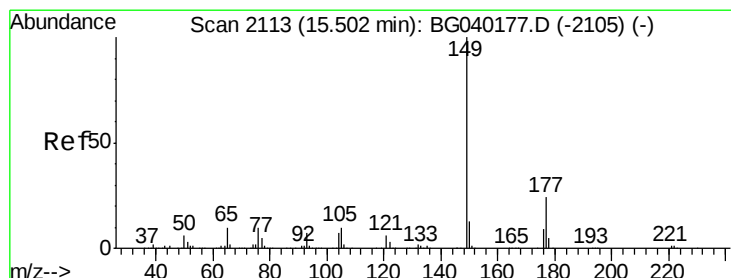
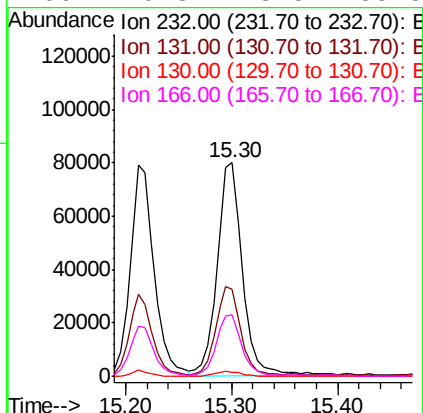
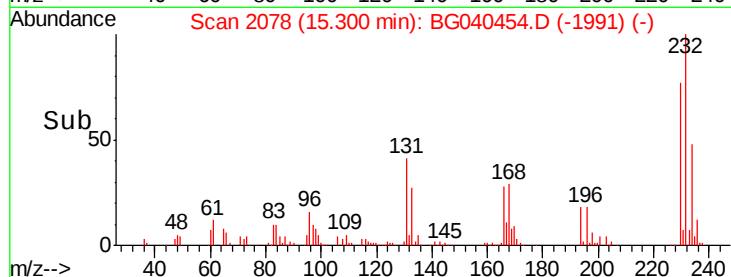
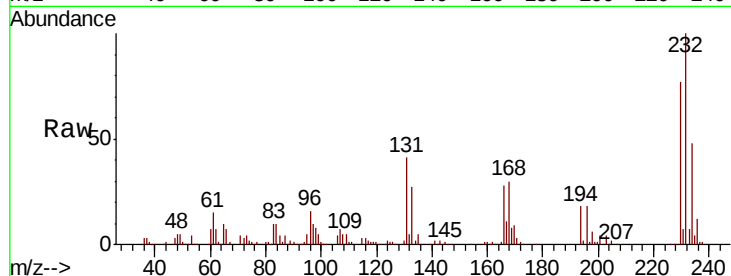




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.398 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

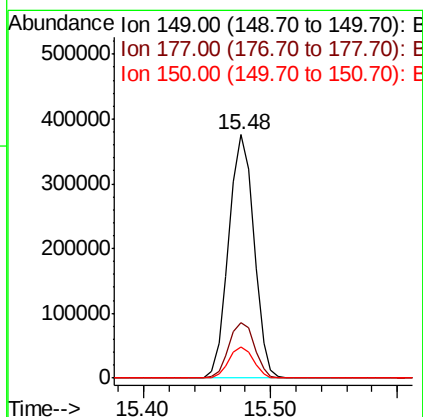
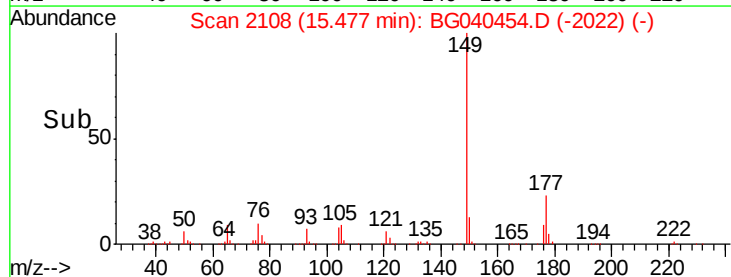
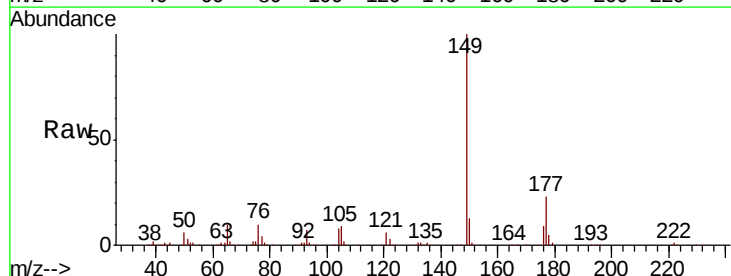
Instrument :
BNA_G
ClientSampleId :

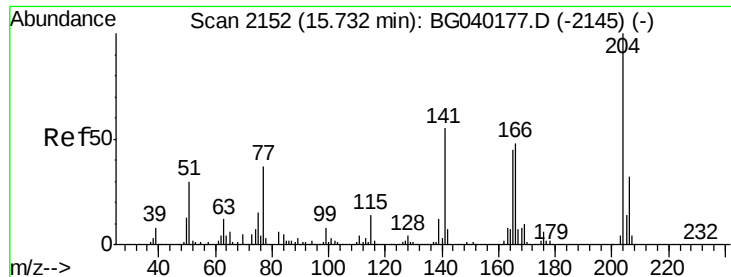
Tot Ion:	232	Resp:	132620
Ion	Ratio	Lower	Upper
232	100		
131	40.3	32.9	49.3
130	2.3	1.8	2.8
166	29.8	23.5	35.3



#60
Diethylphthalate
Concen: 41.741 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:	149	Resp:	515895
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.1	28.7
150	13.0	10.6	15.8

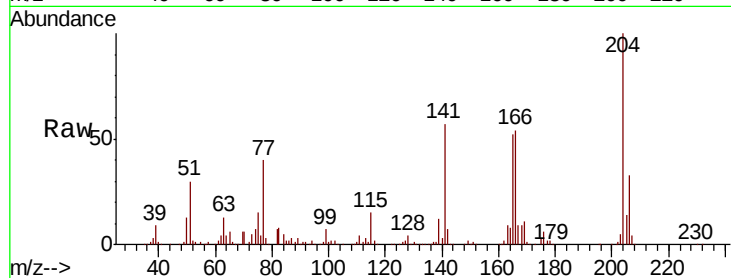




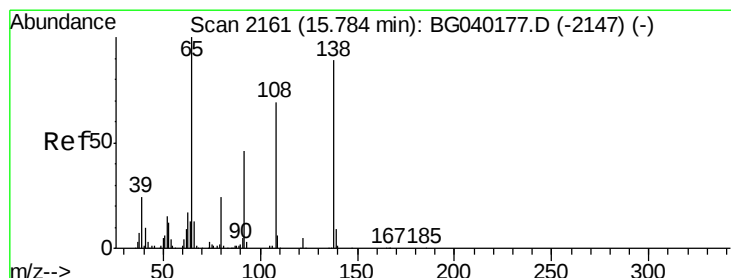
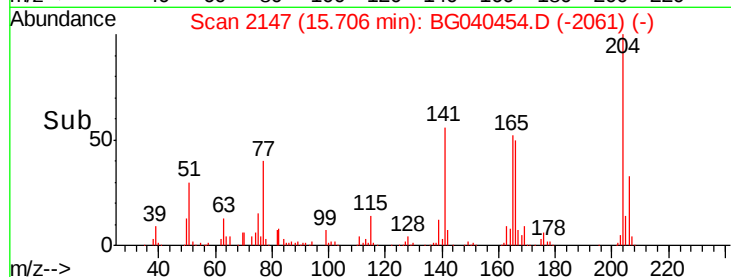
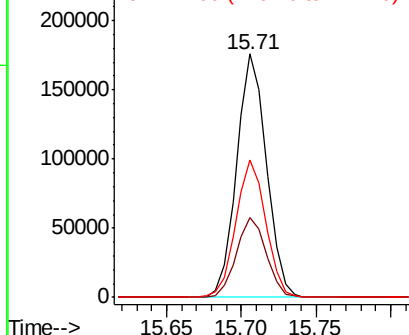
#61
 4-Chlorophenyl-phenylether
 Concen: 39.702 ng
 RT: 15.71 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 243632
 Ion Ratio Lower Upper
 204 100
 206 32.7 25.7 38.5
 141 56.6 44.0 66.0

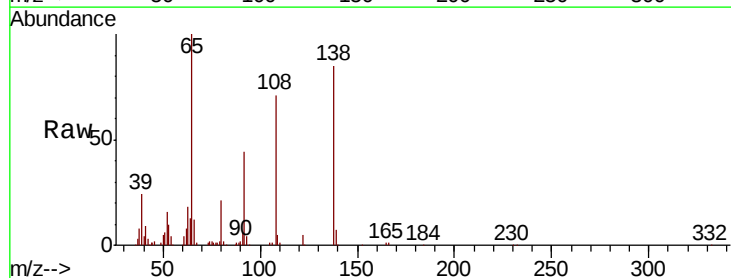


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

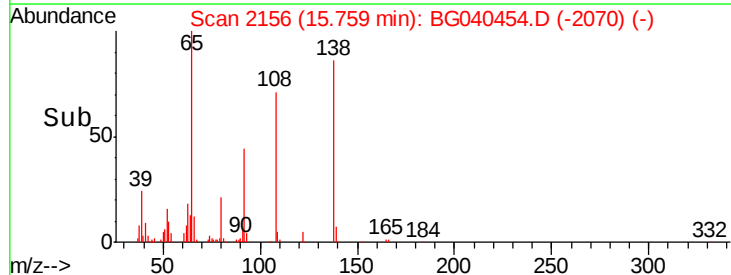
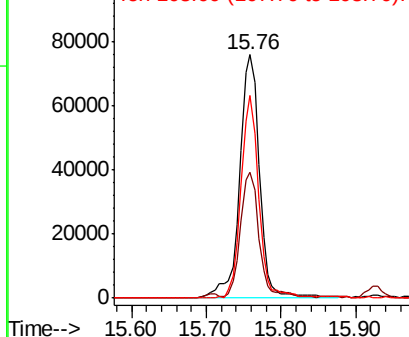


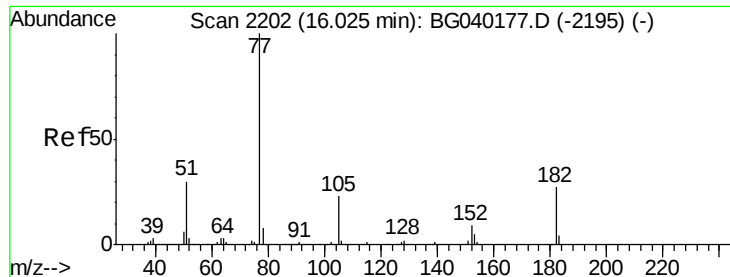
#62
 4-Nitroaniline
 Concen: 45.582 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion:138 Resp: 140428
 Ion Ratio Lower Upper
 138 100
 92 51.9 31.8 71.8
 108 83.1 57.2 97.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.448 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 483215

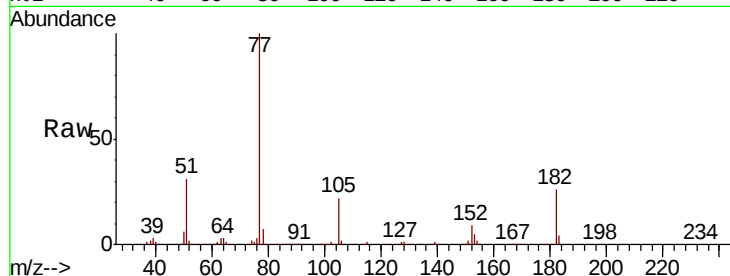
Ion Ratio Lower Upper

77 100

182 26.1 7.2 47.2

105 21.9 2.8 42.8

51 31.2 10.4 50.4

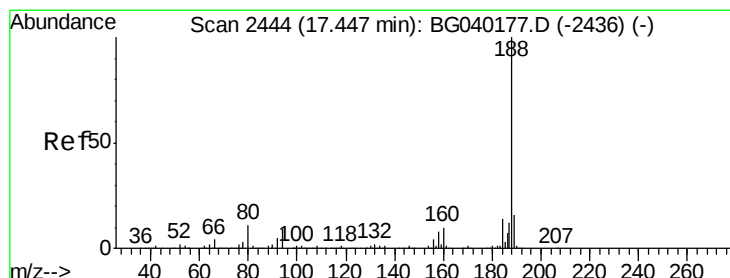
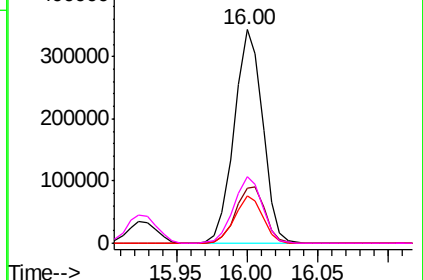
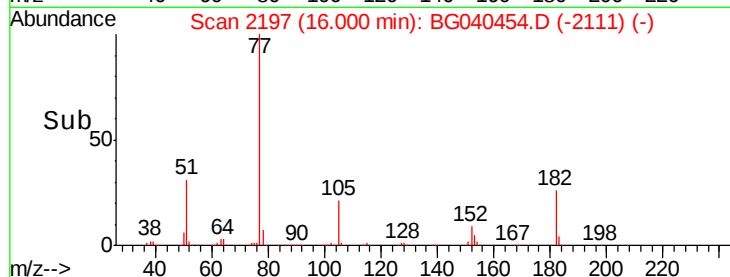


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

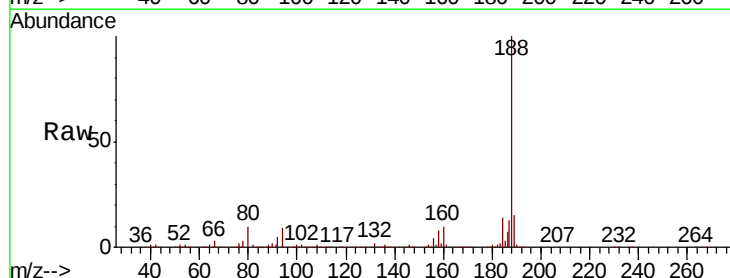
Tgt Ion: 188 Resp: 423977

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

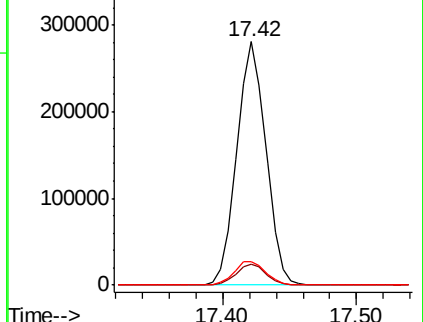
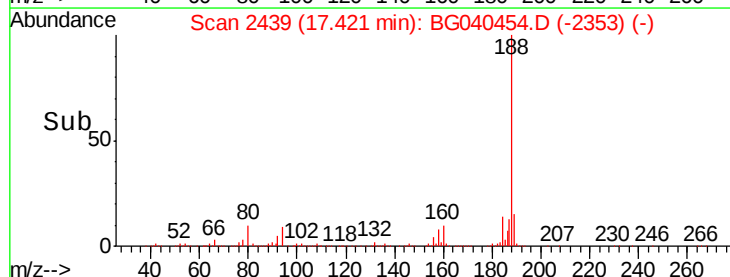
80 9.6 8.6 13.0



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

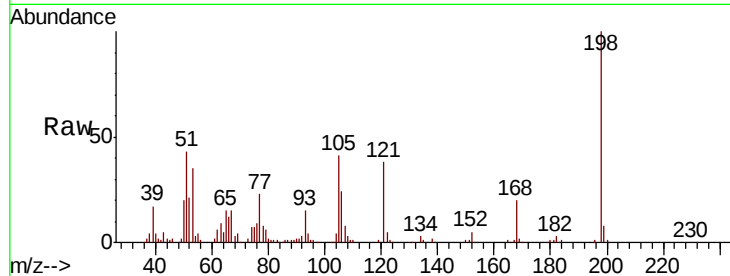




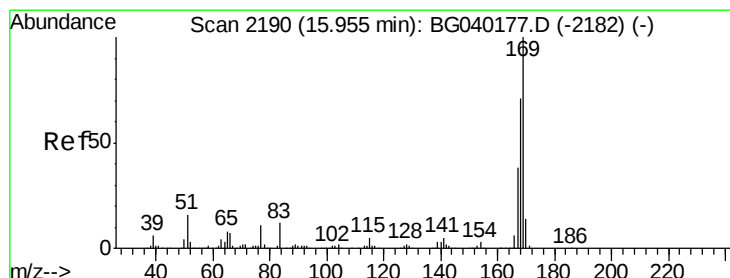
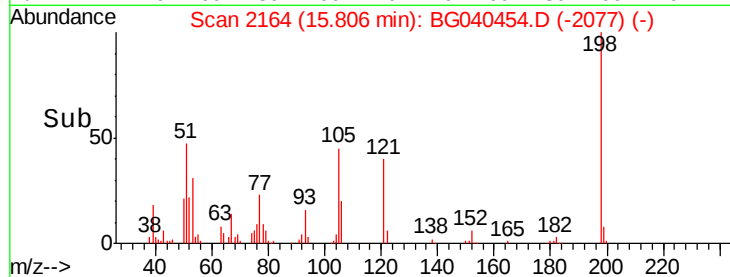
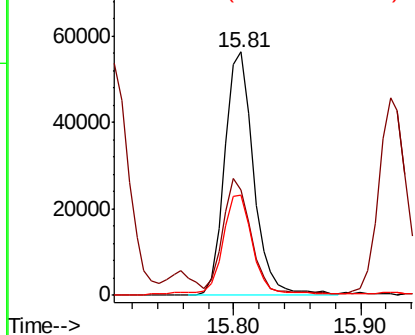
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.419 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 89131
 Ion Ratio Lower Upper
 198 100
 51 43.4 27.3 67.3
 105 41.1 21.7 61.7

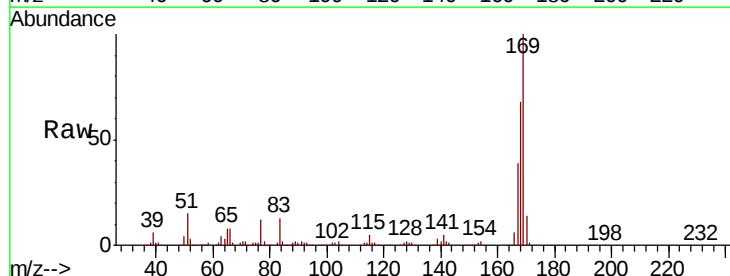


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

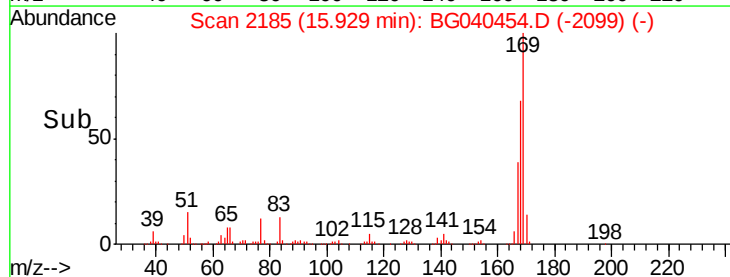
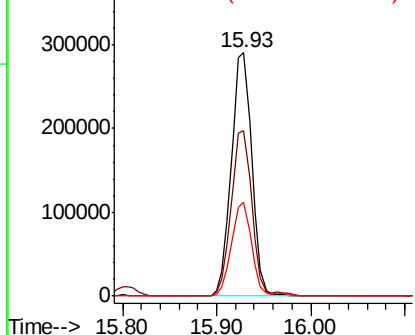


#66
 n-Nitrosodiphenylamine
 Concen: 35.454 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion:169 Resp: 439863
 Ion Ratio Lower Upper
 169 100
 168 68.1 56.8 85.2
 167 38.5 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

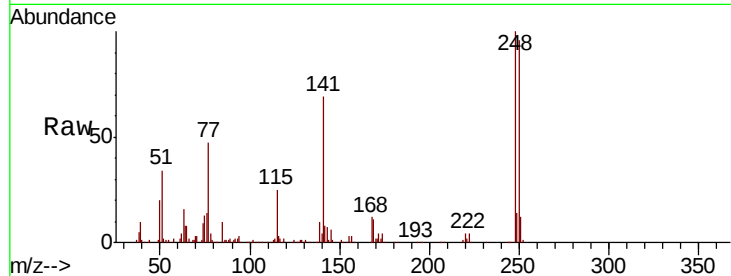




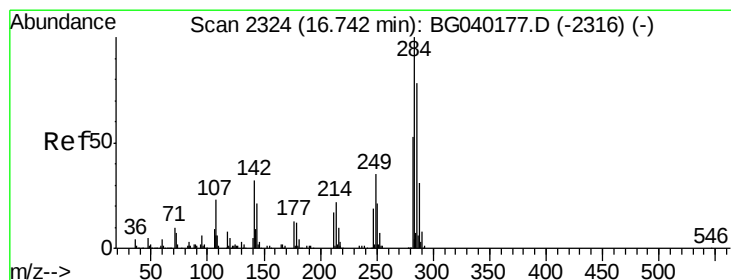
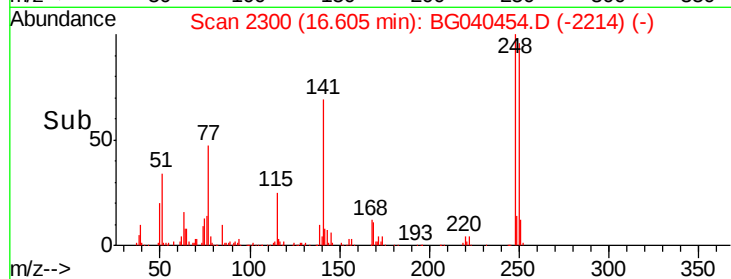
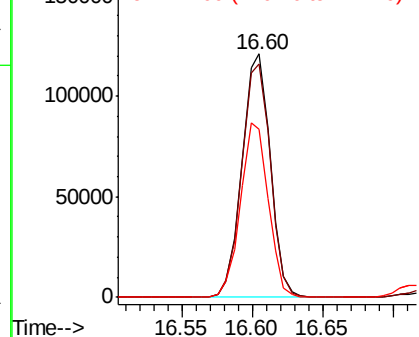
#67
4-Bromophenyl-phenylether
Concen: 35.386 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 168834
Ion Ratio Lower Upper
248 100
250 96.0 76.4 114.6
141 69.2 53.8 80.8

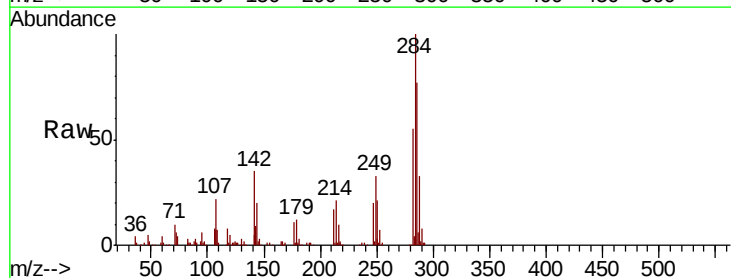


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

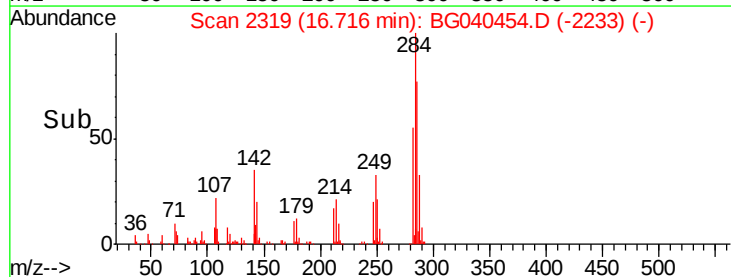
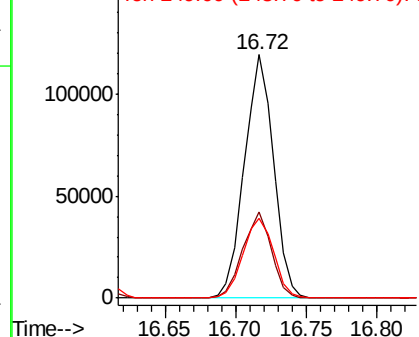


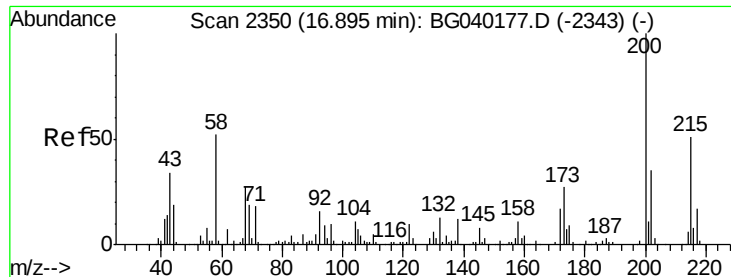
#68
Hexachlorobenzene
Concen: 36.001 ng
RT: 16.72 min Scan# 2319
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:284 Resp: 172706
Ion Ratio Lower Upper
284 100
142 35.3 25.3 37.9
249 32.9 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

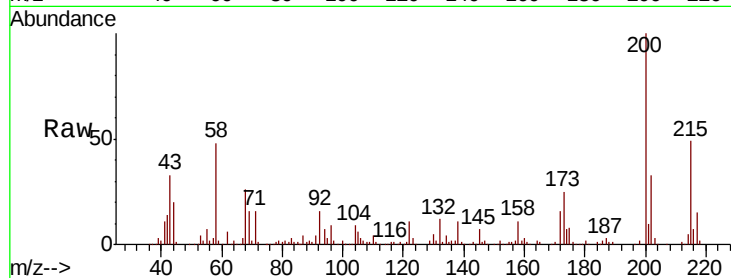




#69
 Atrazine
 Concen: 37.381 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.1	47.1
215	49.4	30.9	70.9

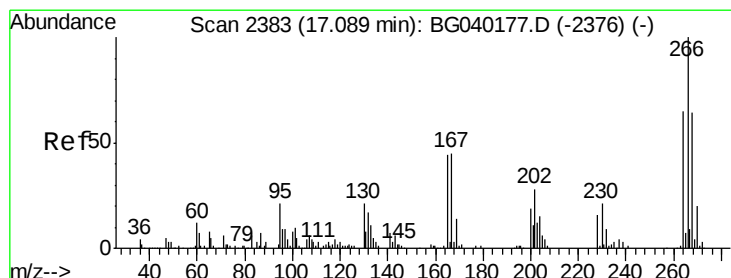
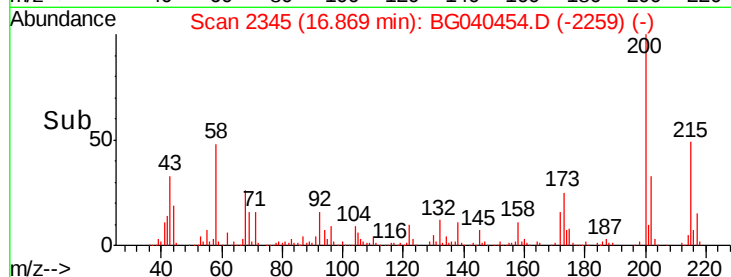
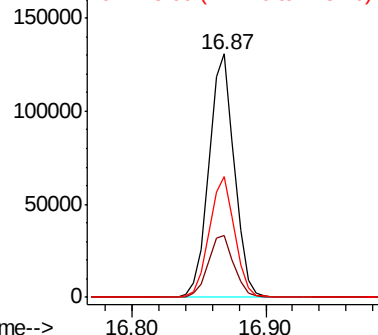


Abundance

Ion 200.00 (199.70 to 200.70): E

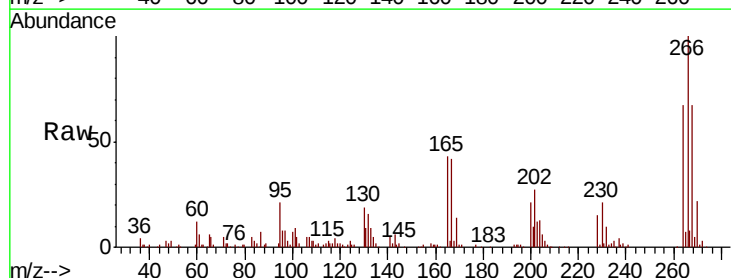
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 41.490 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	55.0	82.4
264	66.7	51.8	77.8

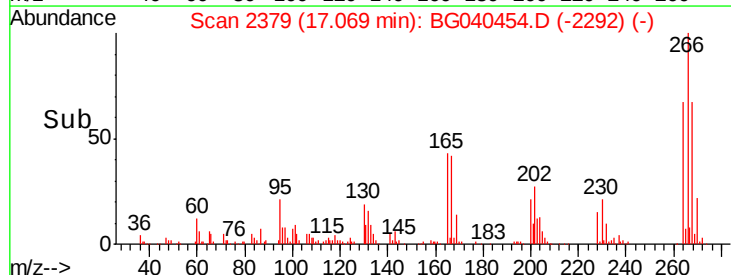
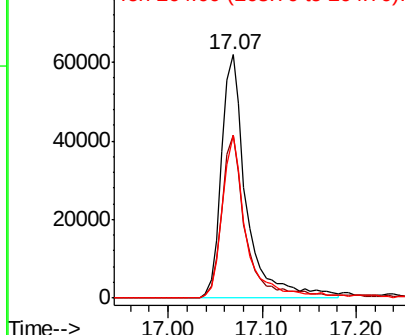


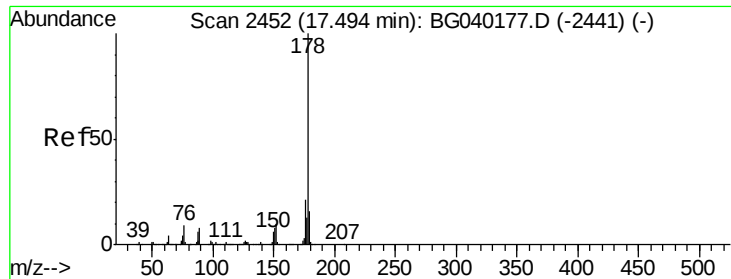
Abundance

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: 37.702 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

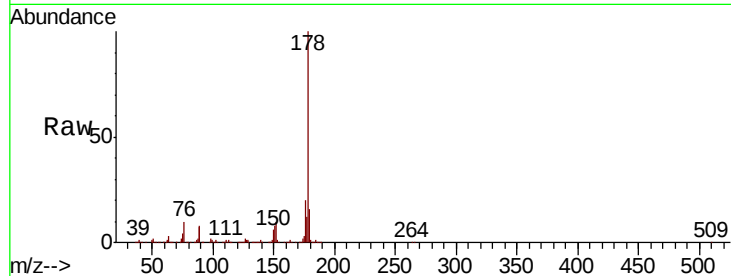
Tot Ion:178 Resp: 840189

Ion Ratio Lower Upper

178 100

176 20.0 16.7 25.1

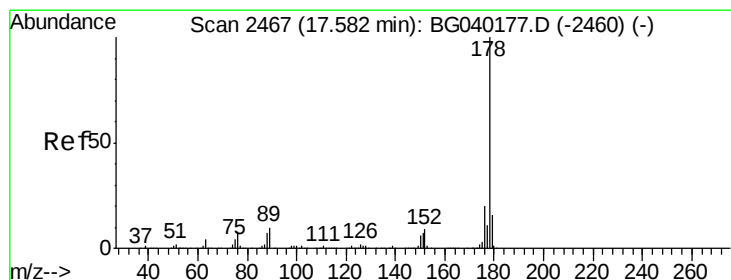
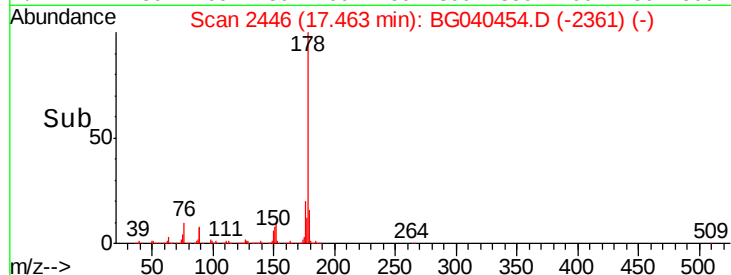
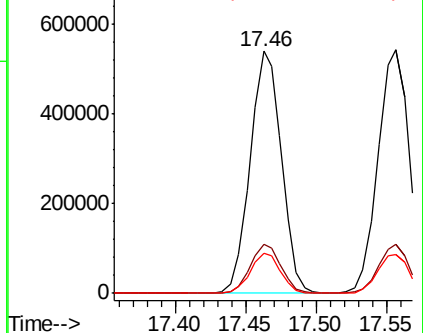
179 16.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.898 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

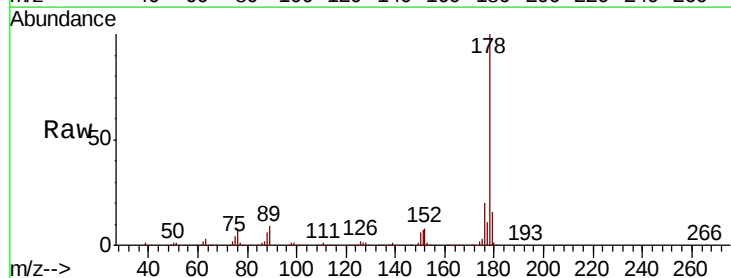
Tgt Ion:178 Resp: 845330

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

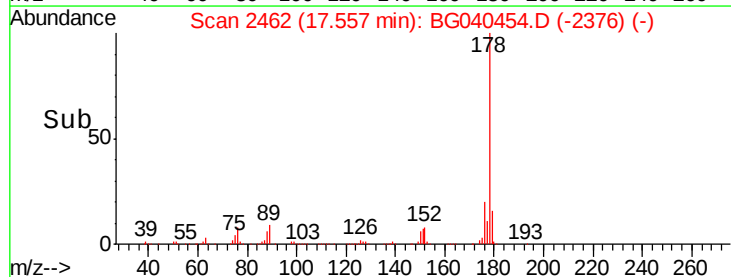
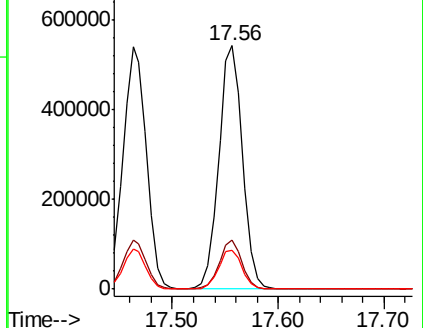
179 16.0 12.9 19.3

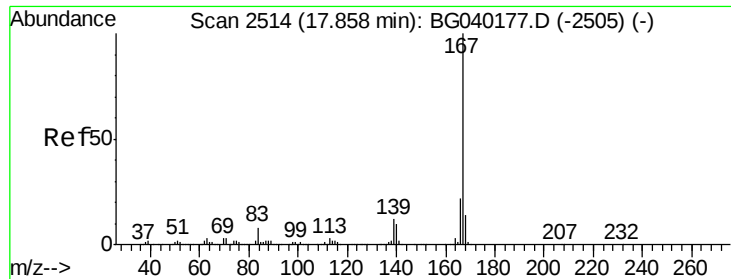


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

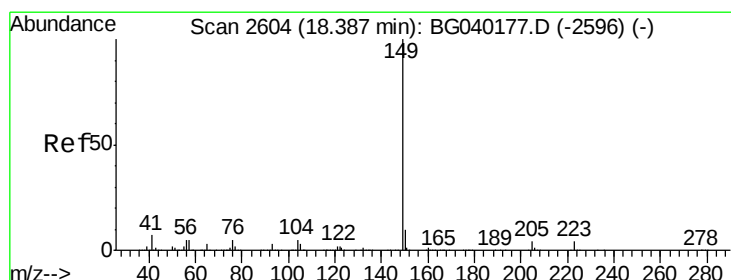
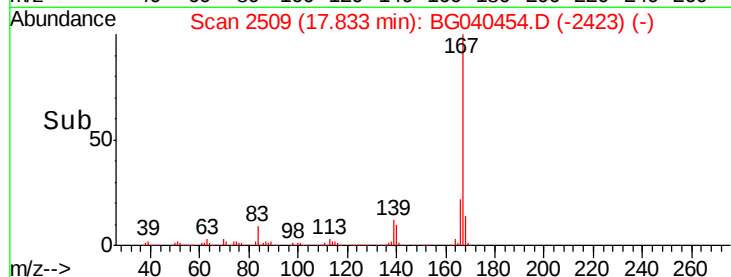
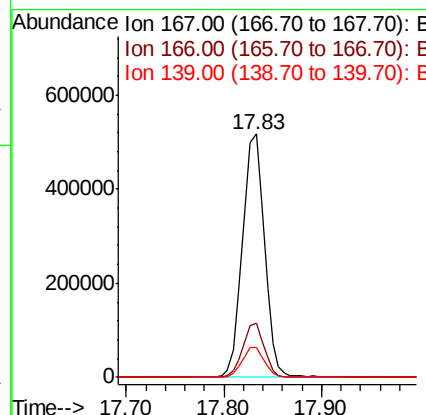
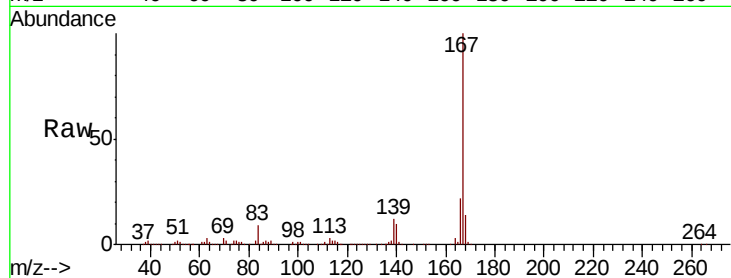




#73
 Carbazole
 Concen: 38.860 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

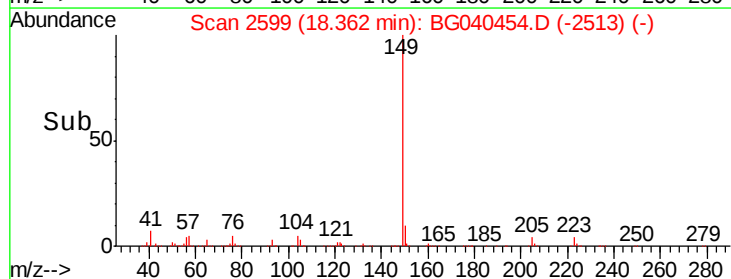
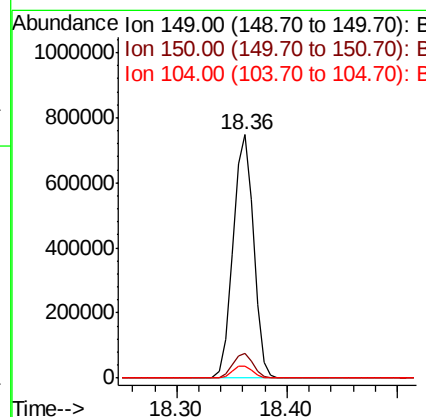
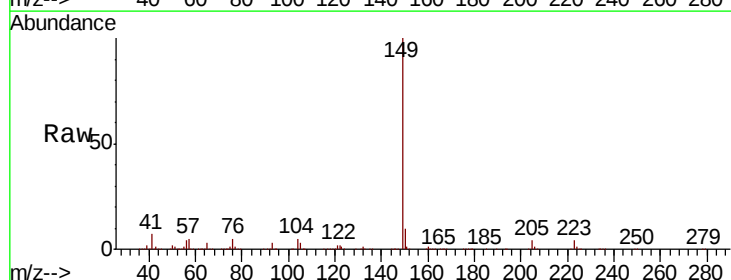
Instrument :
 BNA_G
 ClientSampleId :

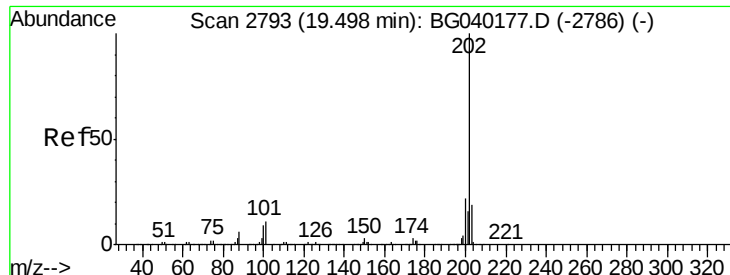
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.5	26.3
139	12.3	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 38.963 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.9	11.9
104	5.0	4.1	6.1





#75

Fluoranthene

Concen: 39.382 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

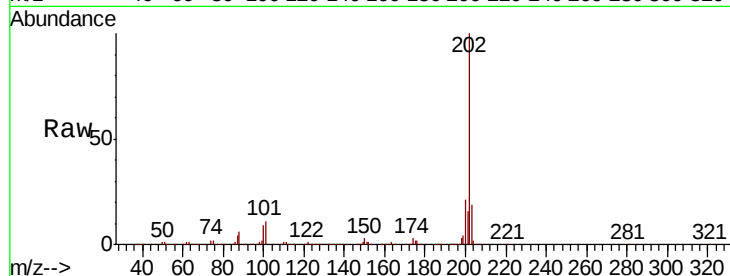
Tot Ion:202 Resp: 1039227

Ion Ratio Lower Upper

202 100

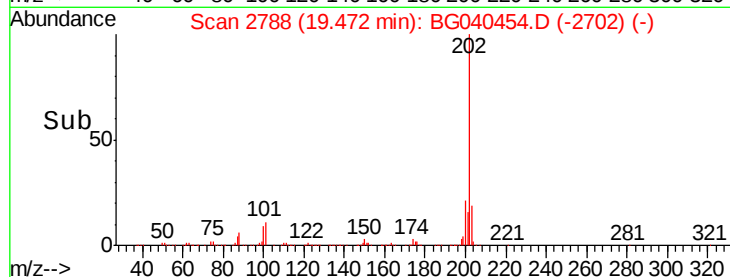
101 10.8 0.0 30.8

203 19.2 0.0 38.9

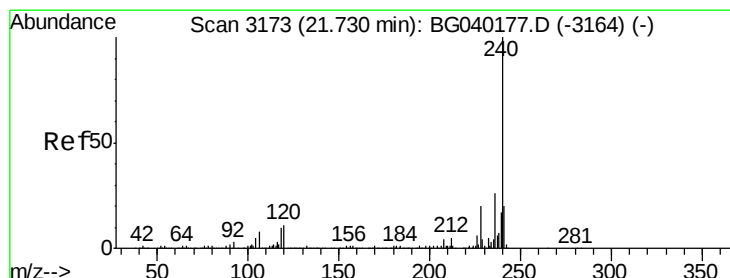


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

19.47



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

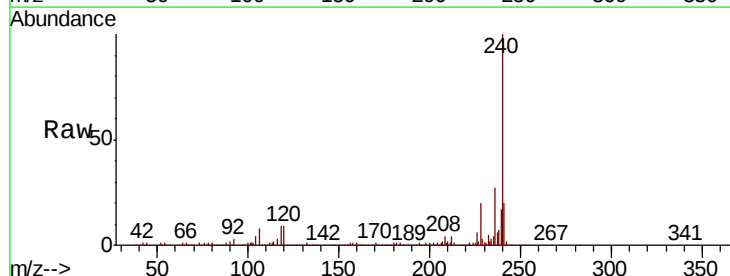
Tgt Ion:240 Resp: 428415

Ion Ratio Lower Upper

240 100

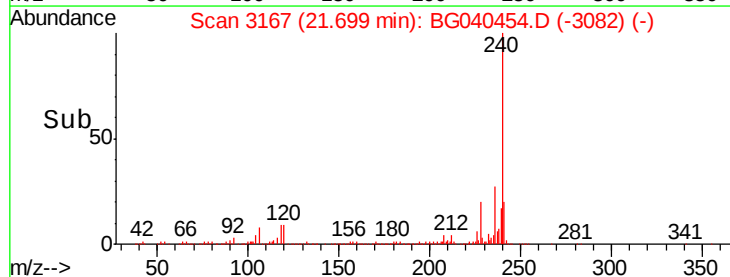
120 9.5 8.4 12.6

236 27.2 20.8 31.2

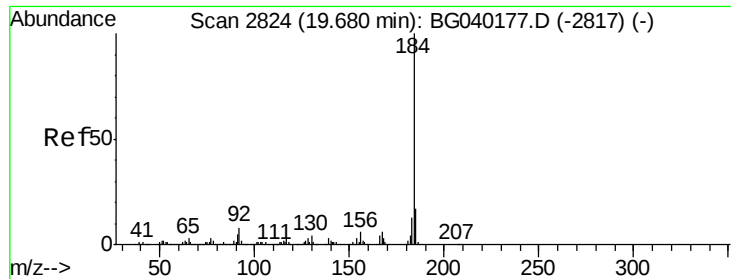


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

21.70



Time-->



#77

Benzidine

Concen: 41.466 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

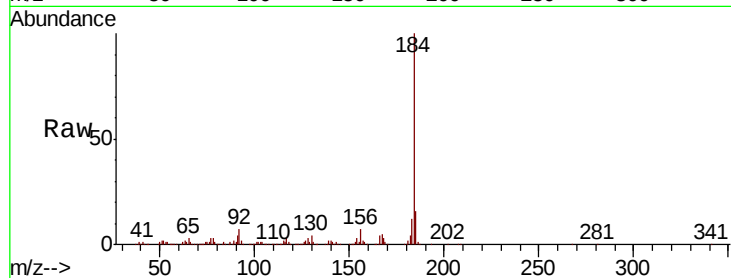
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 641506

Ion	Ratio	Lower	Upper
184	100		
185	15.7	13.3	19.9
183	11.9	10.3	15.5

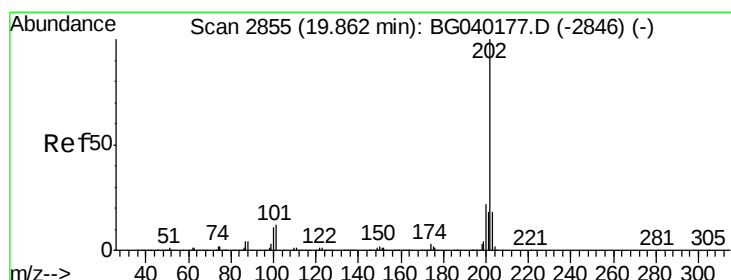
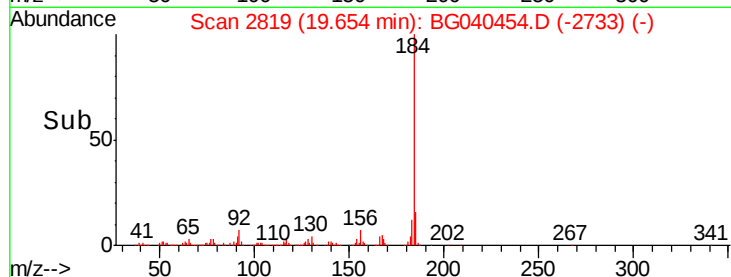
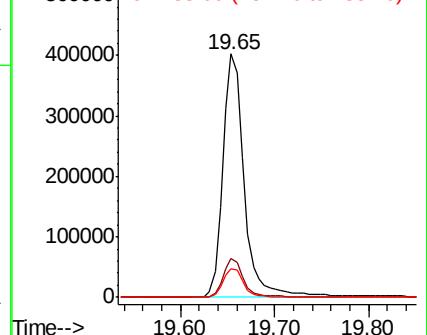


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.116 ng

RT: 19.83 min Scan# 2849

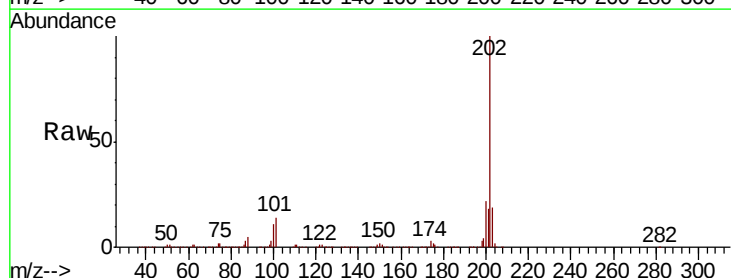
Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Tgt Ion:202 Resp: 1045663

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.3	25.9
203	18.5	14.6	22.0

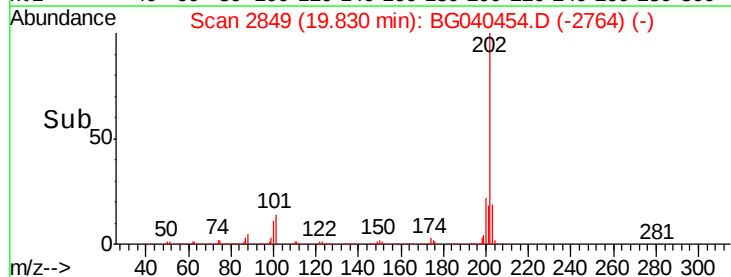
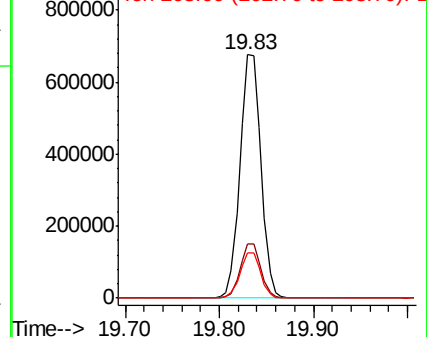


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.957 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

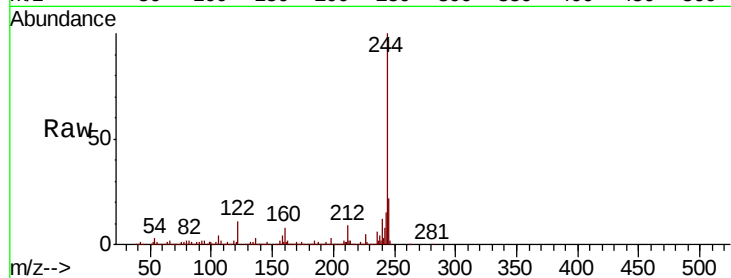
Tot Ion:244 Resp: 1370318

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

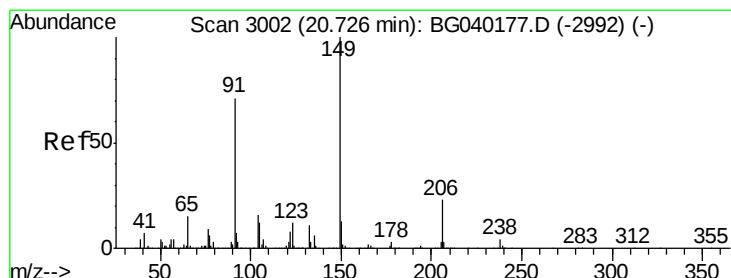
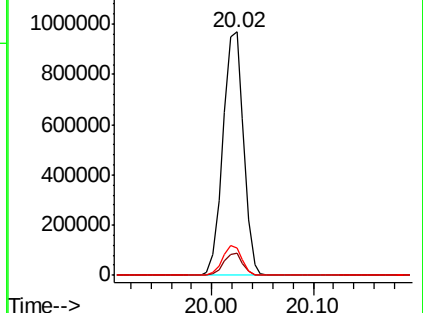
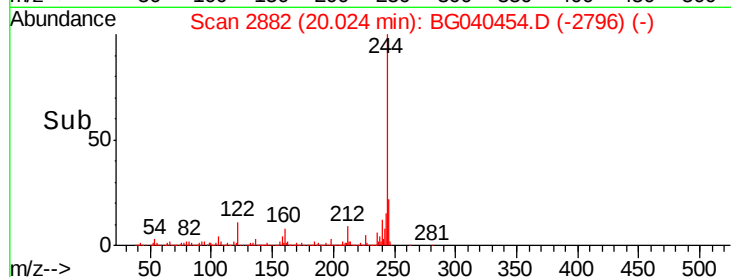
122 11.0 8.5 12.7



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: 38.305 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

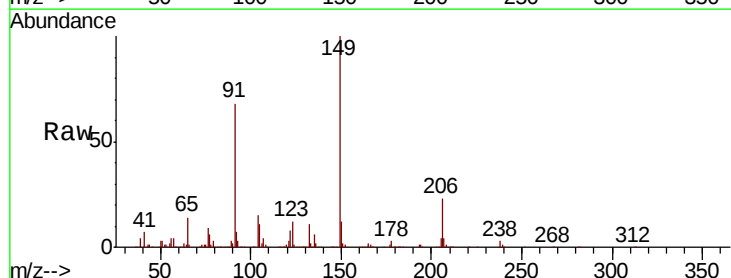
Tgt Ion:149 Resp: 461785

Ion Ratio Lower Upper

149 100

91 67.5 57.0 85.4

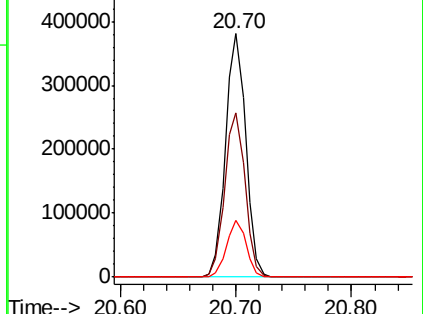
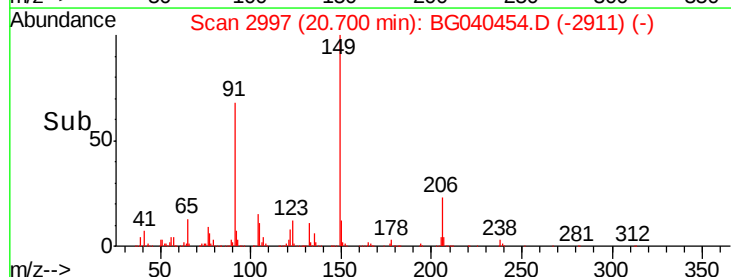
206 23.3 18.2 27.4

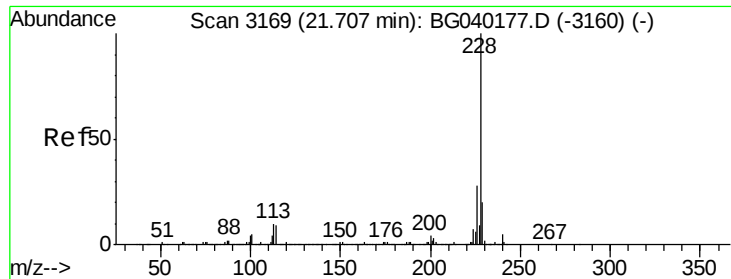


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

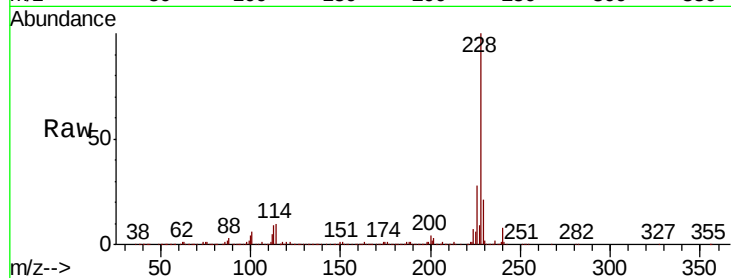




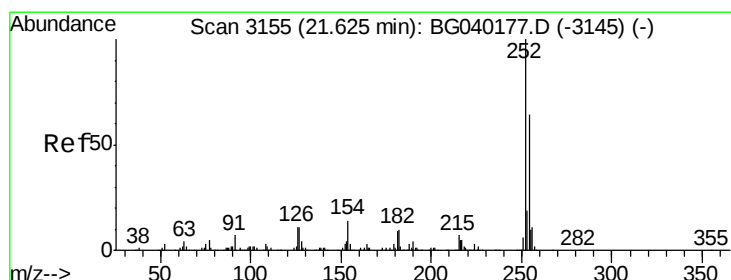
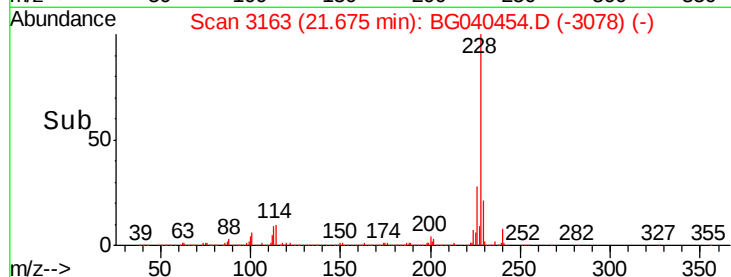
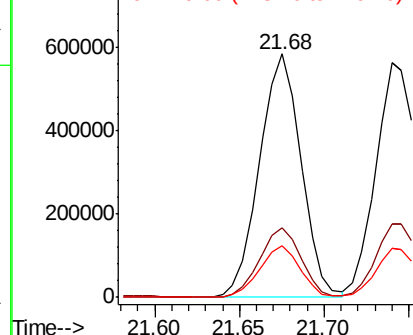
#81
Benzo(a)anthracene
Concen: 37.660 ng
RT: 21.68 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 993774
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 21.0 16.1 24.1

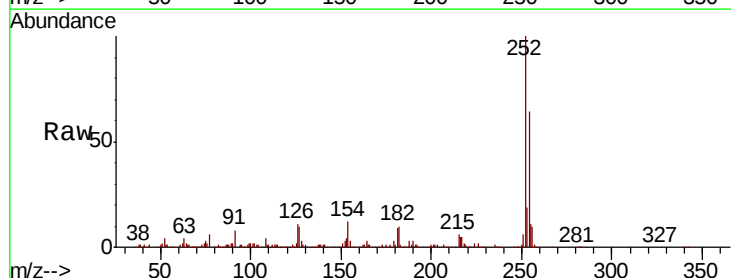


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

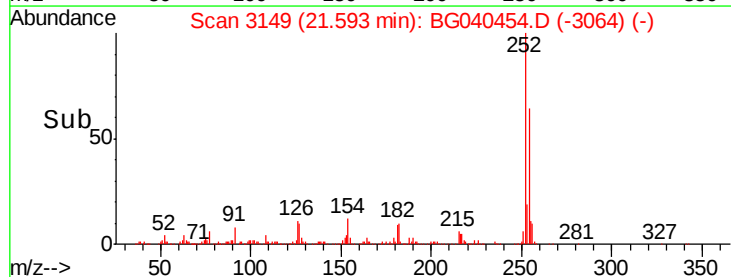
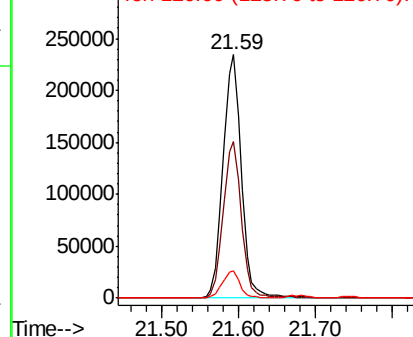


#82
3,3'-Dichlorobenzidine
Concen: 38.603 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.03 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:252 Resp: 387502
Ion Ratio Lower Upper
252 100
254 64.1 51.4 77.2
126 11.3 8.5 12.7



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

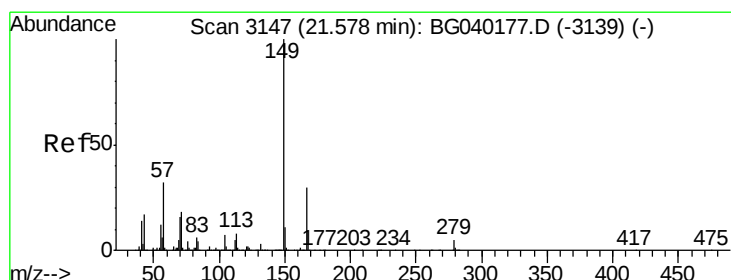
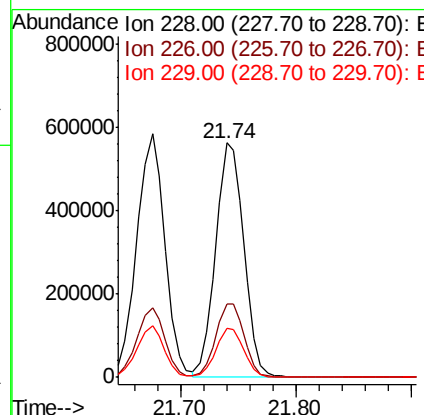
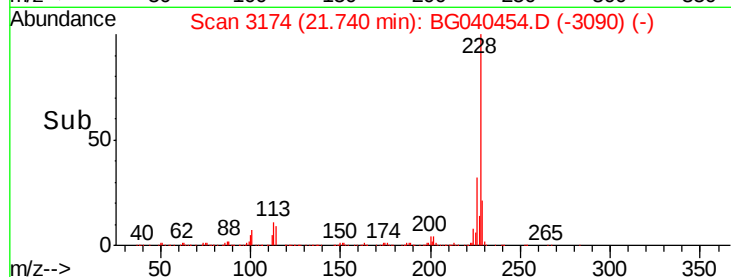
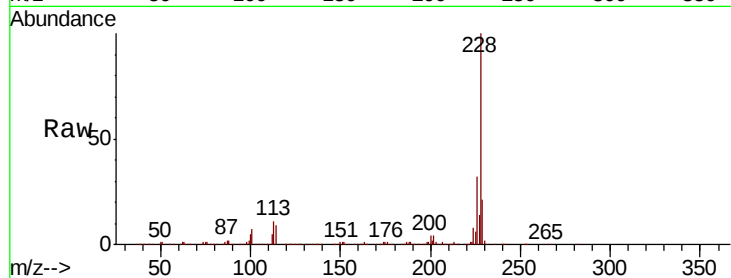




#83
 Chrysene
 Concen: 37.494 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.04 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

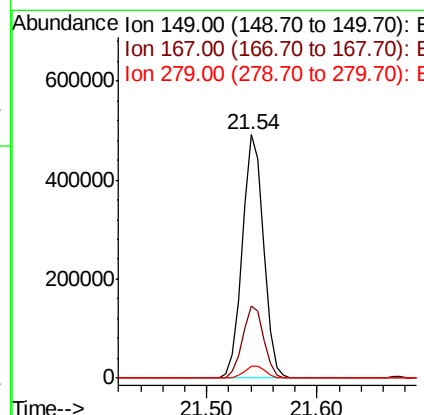
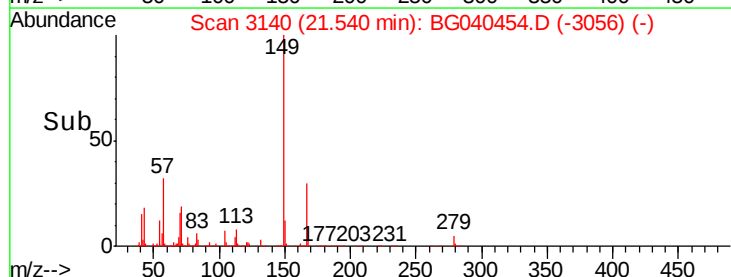
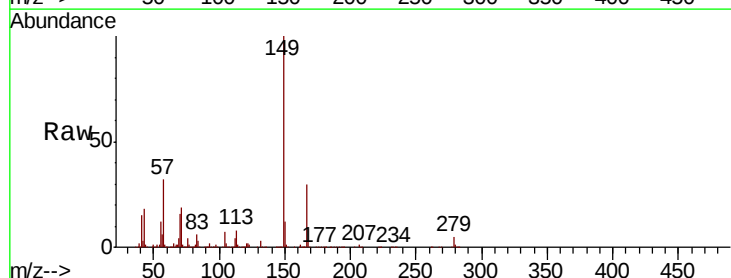
Instrument :
 BNA_G
 ClientSampleId :

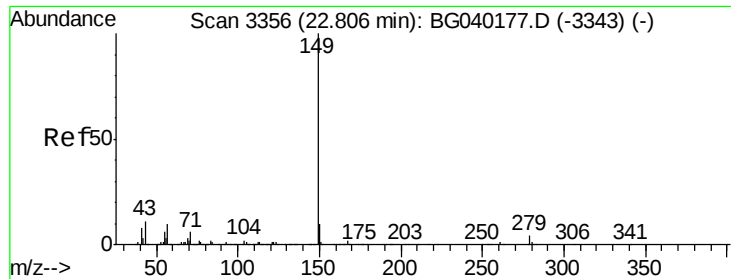
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	21.1	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.583 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG040454.D
 Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	24.1	36.1
279	4.6	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 37.693 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

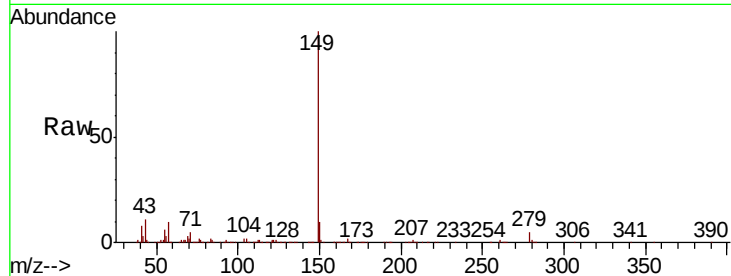
Tot Ion:149 Resp: 1106702

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 10.7 8.7 13.1

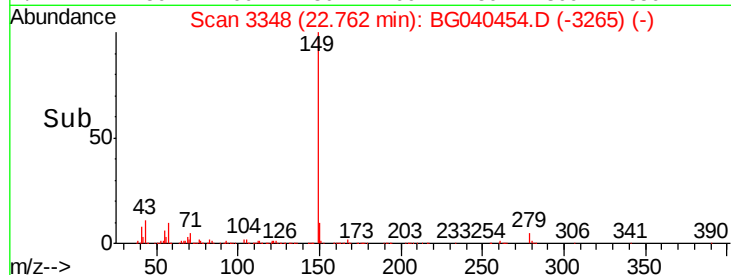


Abundance Ion 149.00 (148.70 to 149.70): E

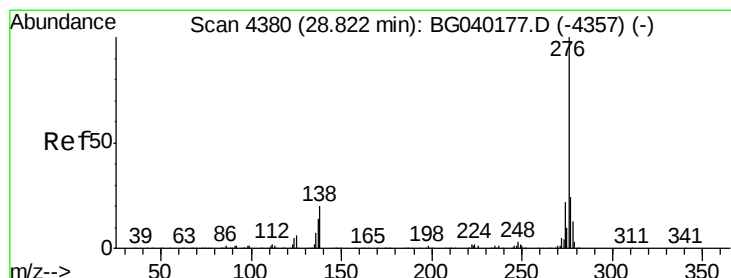
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.76



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.373 ng

RT: 28.74 min Scan# 4365

Delta R.T. -0.08 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

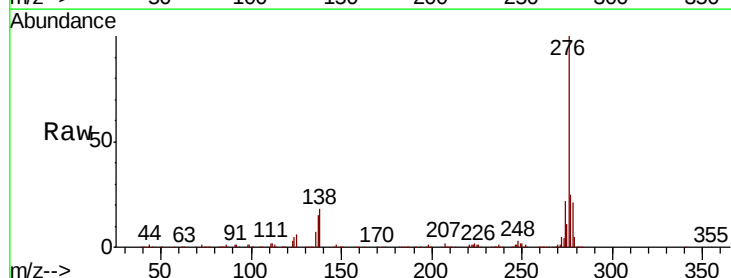
Tgt Ion:276 Resp: 1159207

Ion Ratio Lower Upper

276 100

138 15.3 18.8 28.2#

277 25.4 21.0 31.4

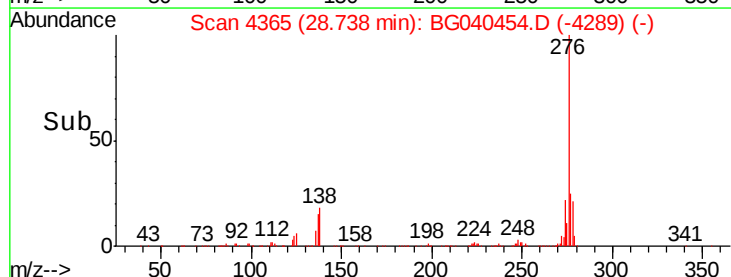


Abundance Ion 276.00 (275.70 to 276.70): E

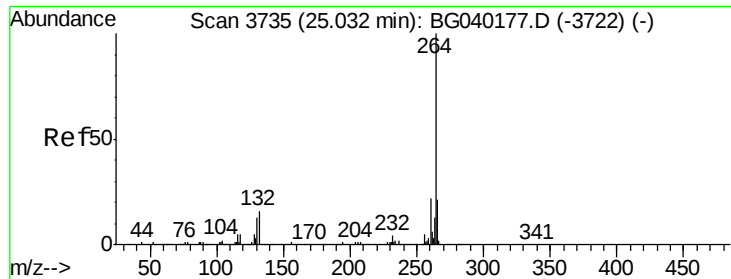
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.74



Time-->



#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

Instrument :

BNA_G

ClientSampleId :

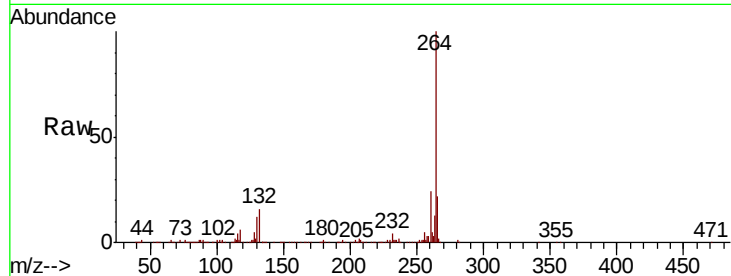
Tot Ion:264 Resp: 447819

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

265 21.6 16.8 25.2

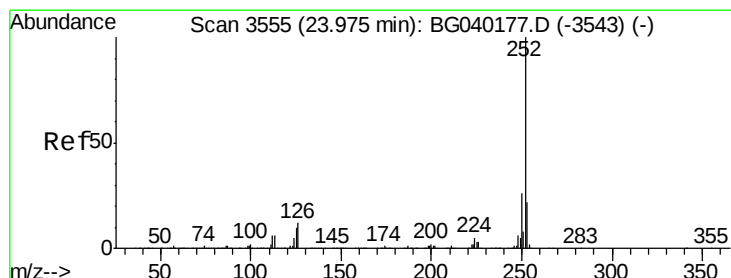
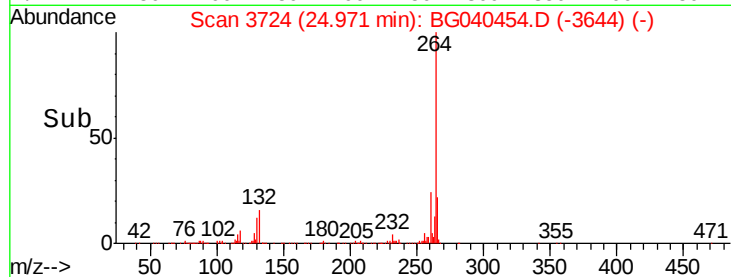
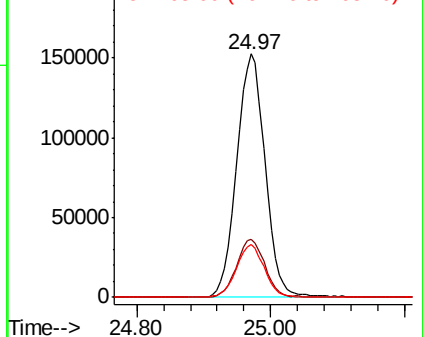


Abundance

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: 36.920 ng

RT: 23.93 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040454.D

Acq: 12 Apr 2019 10:08

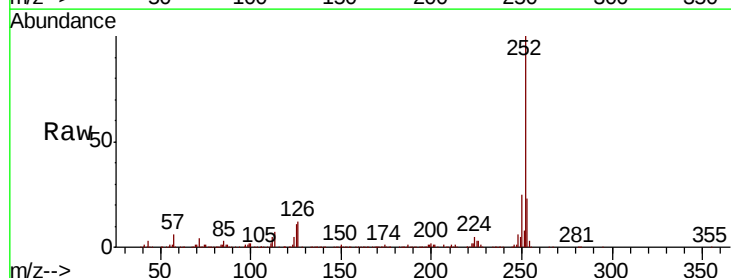
Tgt Ion:252 Resp: 1012254

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 10.7 8.2 12.4

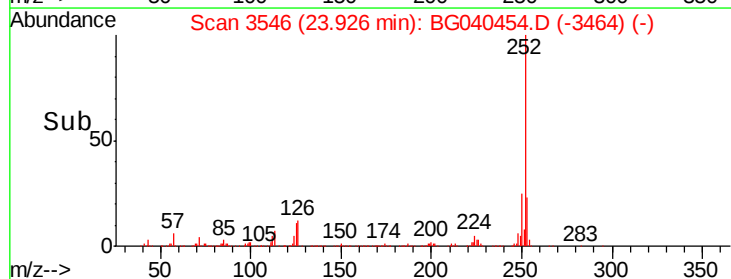
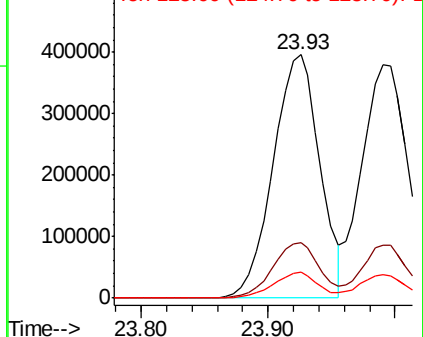


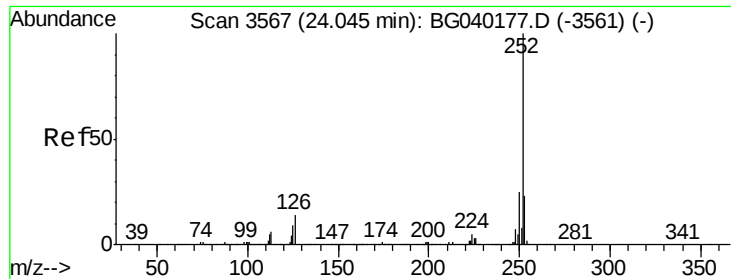
Abundance

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

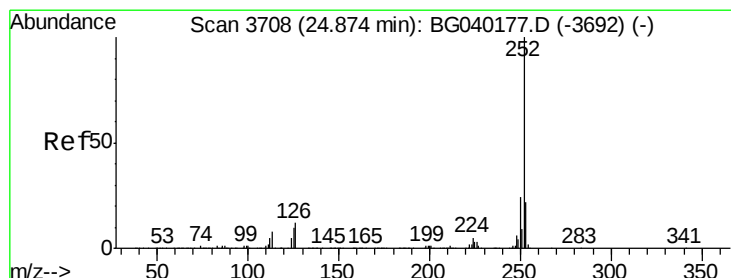
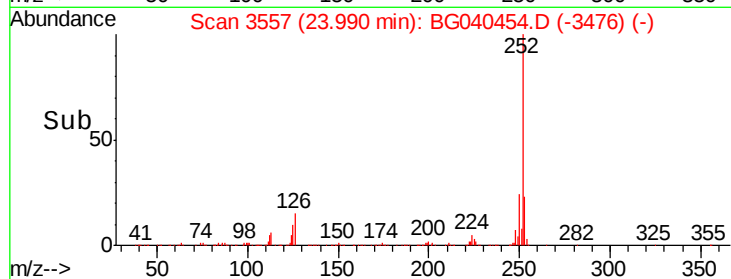
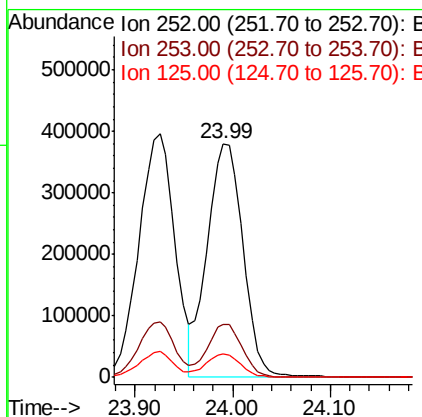
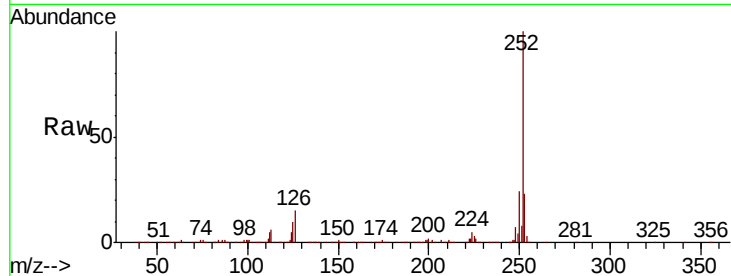




#89
Benzo(k)fluoranthene
Concen: 38.069 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

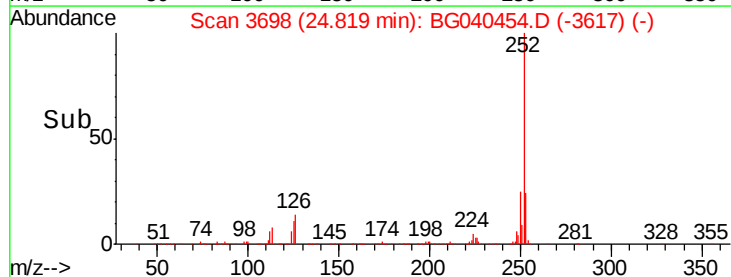
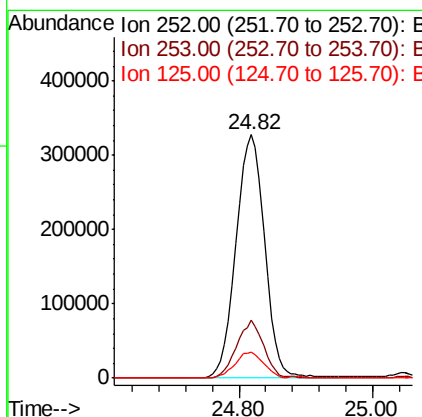
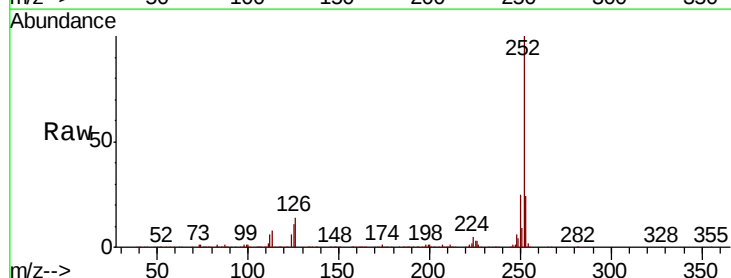
Instrument :
BNA_G
ClientSampleId :

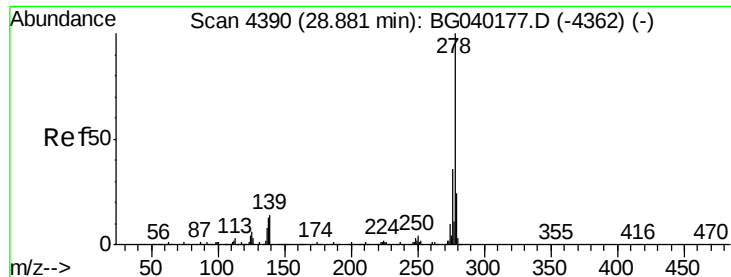
Tot Ion:252 Resp: 959849
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 10.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 37.929 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion:252 Resp: 975705
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 10.9 8.3 12.5

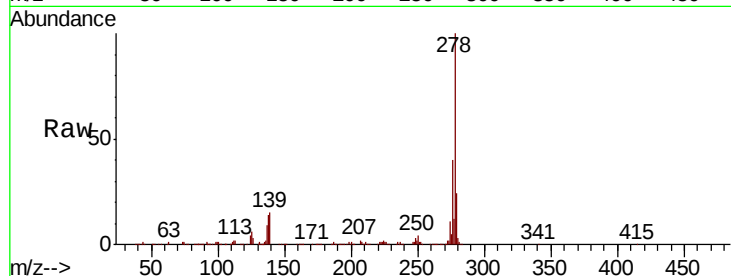




#91
Dibenzo(a,h)anthracene
Concen: 37.755 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.08 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.2	16.8
279	23.9	18.9	28.3

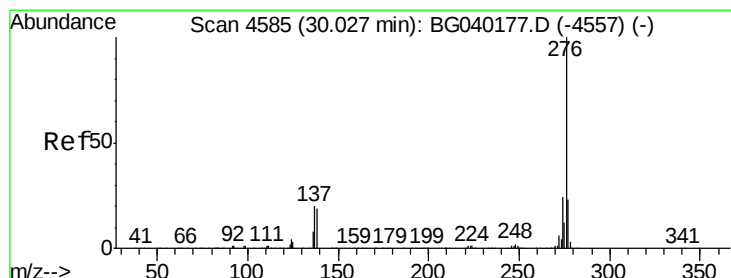
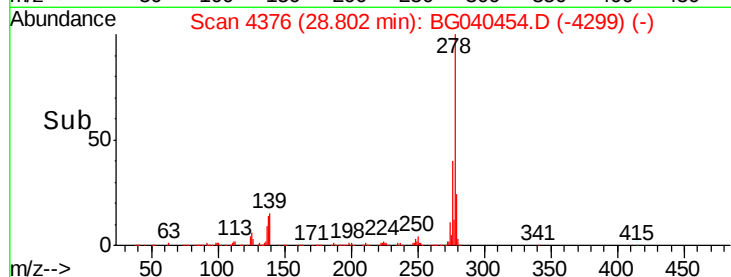
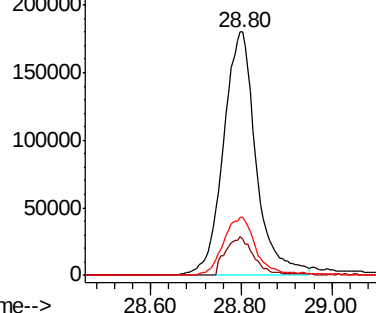


Abundance

Ion 278.00 (277.70 to 278.70): E

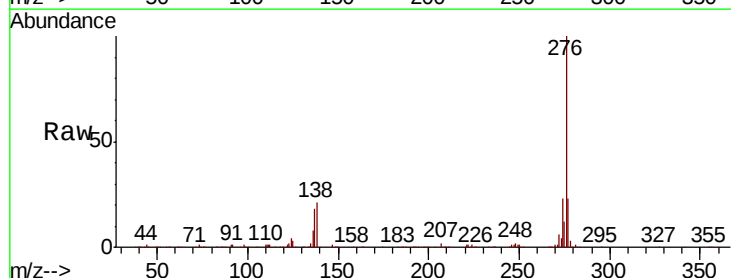
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 37.365 ng
RT: 29.91 min Scan# 4564
Delta R.T. -0.12 min
Lab File: BG040454.D
Acq: 12 Apr 2019 10:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	21.1	15.2	22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

