

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040455.D
 Acq On : 12 Apr 2019 10:48
 Operator : JU/SJ
 Sample : PB118819BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:38:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	64633	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	274400	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	175884	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	443438	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	445818	20.00	ng	-0.03
87) Perylene-d12	24.97	264	432454	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	533528	137.23	ng	-0.02
7) Phenol-d6	7.21	99	721239	134.23	ng	-0.02
23) Nitrobenzene-d5	9.22	82	387092	74.98	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	270218	142.16	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	878915	74.05	ng	-0.02
79) Terphenyl-d14	20.02	244	1418908	71.60	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	90133	49.303	ng	100
3) Pyridine	3.89	79	153792	31.245	ng	96
4) n-Nitrosodimethylamine	3.82	42	87986	38.644	ng	# 86
6) Aniline	7.37	93	221892	31.786	ng	99
8) 2-Chlorophenol	7.61	128	196652	43.209	ng	94
9) Benzaldehyde	7.19	77	68080	18.471	ng	95
10) Phenol	7.23	94	253464	43.460	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	187901	40.226	ng	98
12) 1,3-Dichlorobenzene	7.93	146	199399	40.304	ng	97
13) 1,4-Dichlorobenzene	8.08	146	203727	41.345	ng	96
14) 1,2-Dichlorobenzene	8.40	146	193178	40.996	ng	98
15) Benzyl Alcohol	8.29	79	174871	40.412	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	358444	39.983	ng	98
17) 2-Methylphenol	8.48	107	179824	44.559	ng	97
18) Hexachloroethane	9.12	117	72791	38.836	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	149655	38.847	ng	99
20) 3+4-Methylphenols	8.81	107	239446	43.797	ng	98
22) Acetophenone	8.88	105	291192	42.542	ng	# 97
24) Nitrobenzene	9.26	77	222746	41.667	ng	98
25) Isophorone	9.77	82	431687	40.641	ng	99
26) 2-Nitrophenol	9.97	139	108650	42.893	ng	97
27) 2,4-Dimethylphenol	10.02	122	197949	49.197	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	253001	40.259	ng	98
29) 2,4-Dichlorophenol	10.51	162	197870	45.307	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	199903	41.685	ng	98
31) Naphthalene	10.91	128	592233	42.107	ng	99
32) Benzoic acid	10.17	122	72281	29.733	ng	97
33) 4-Chloroaniline	11.03	127	169324	28.223	ng	99
34) Hexachlorobutadiene	11.17	225	121924	39.754	ng	94
35) Caprolactam	11.82	113	55646	32.107	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	222981	44.411	ng	98
37) 2-Methylnaphthalene	12.51	142	445231	42.801	ng	98
38) 1-Methylnaphthalene	12.72	142	421846	41.821	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	225608	40.358	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	253725	82.662	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	162285	45.027	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	179433	45.675	ng	98
46) 1,1'-Biphenyl	13.51	154	572334	41.184	ng	99
47) 2-Chloronaphthalene	13.56	162	451155	42.322	ng	99
48) 2-Nitroaniline	13.78	65	160241	44.565	ng	96
49) Acenaphthylene	14.40	152	740718	40.983	ng	99
50) Dimethylphthalate	14.13	163	599793	43.573	ng	98
51) 2,6-Dinitrotoluene	14.26	165	136868	44.282	ng	98
52) Acenaphthene	14.74	154	431773	41.691	ng	97
53) 3-Nitroaniline	14.60	138	108351	33.117	ng	92
54) 2,4-Dinitrophenol	14.80	184	138007	83.958	ng	93
55) Dibenzofuran	15.07	168	725525	43.597	ng	99
56) 4-Nitrophenol	14.90	139	221775	83.988	ng	98
57) 2,4-Dinitrotoluene	15.04	165	196280	45.703	ng	98
58) Fluorene	15.72	166	565914	43.253	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	169931	47.668	ng	99
60) Diethylphthalate	15.48	149	630150	44.736	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	305916	43.742	ng	98
62) 4-Nitroaniline	15.76	138	154081	43.884	ng	98
63) Azobenzene	16.00	77	576436	43.384	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	108713	43.637	ng	96
66) n-Nitrosodiphenylamine	15.93	169	539524	41.578	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	201442	40.367	ng	98
68) Hexachlorobenzene	16.72	284	206900	41.236	ng	98
69) Atrazine	16.87	200	201290	41.700	ng	97
70) Pentachlorophenol	17.07	266	224250	77.307	ng	97
71) Phenanthrene	17.47	178	975313	41.845	ng	98
72) Anthracene	17.56	178	997537	42.759	ng	100
73) Carbazole	17.83	167	936867	42.433	ng	99
74) Di-n-butylphthalate	18.36	149	1107818	42.330	ng	99
75) Fluoranthene	19.47	202	1188694	43.069	ng	100
77) Benzidine	19.66	184	435198	27.033	ng	97
78) Pyrene	19.83	202	1159888	39.563	ng	97
80) Butylbenzylphthalate	20.70	149	535428	42.679	ng	97
81) Benzo(a)anthracene	21.68	228	1079134	39.298	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	331955	31.778	ng	99
83) Chrysene	21.74	228	1075631	40.758	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	754599	42.078	ng	99
85) Di-n-octyl phthalate	22.77	149	1282004	41.959	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1313430	40.692	ng	# 89
88) Benzo(b)fluoranthene	23.93	252	1151483	43.491	ng	98
89) Benzo(k)fluoranthene	24.00	252	1138119	46.744	ng	99
90) Benzo(a)pyrene	24.82	252	1147098	46.176	ng	98
91) Dibenzo(a,h)anthracene	28.80	278	1057418	45.831	ng	99
92) Benzo(g,h,i)perylene	29.93	276	1068504	45.063	ng	98

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

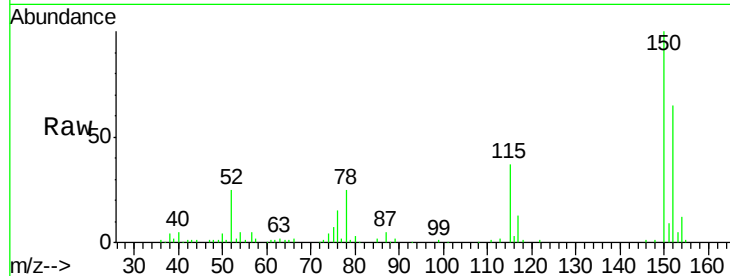


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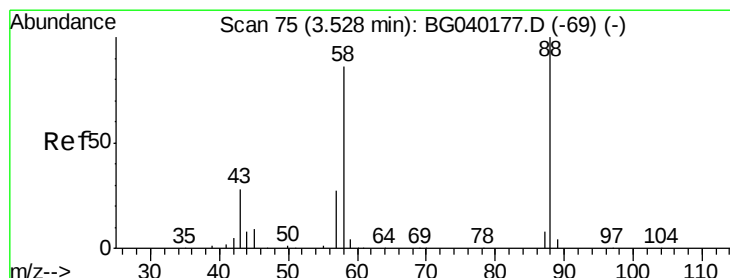
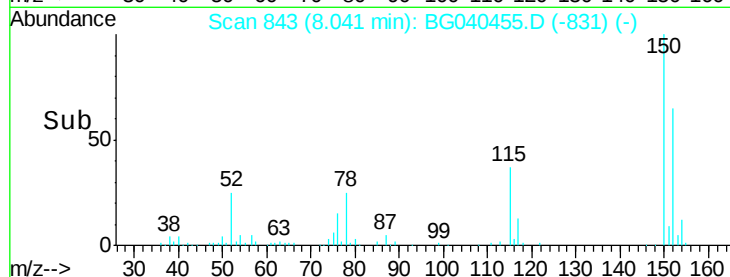
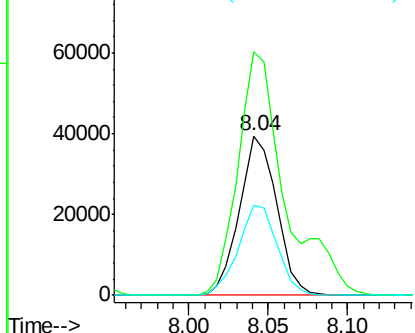
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 64633
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 56.8 46.9 70.3



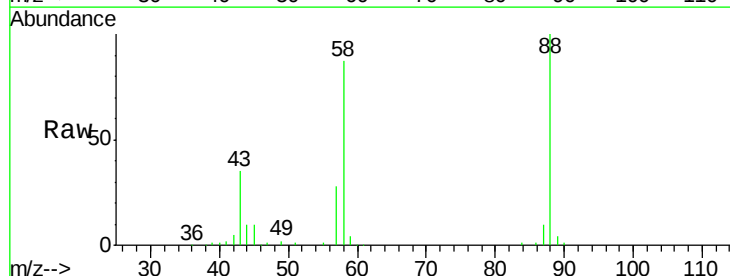
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



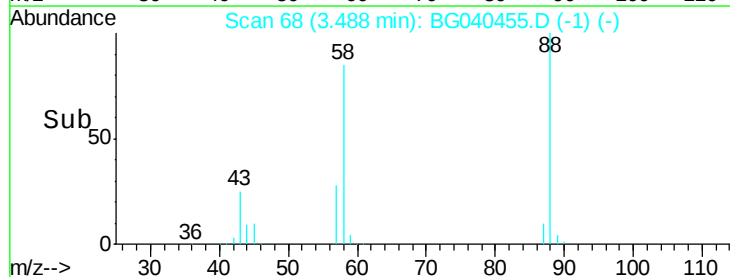
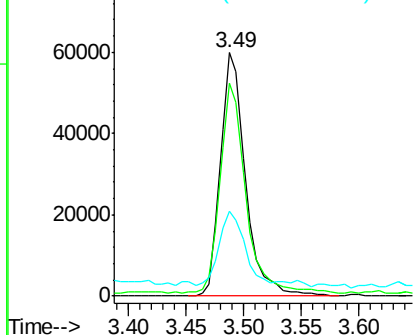
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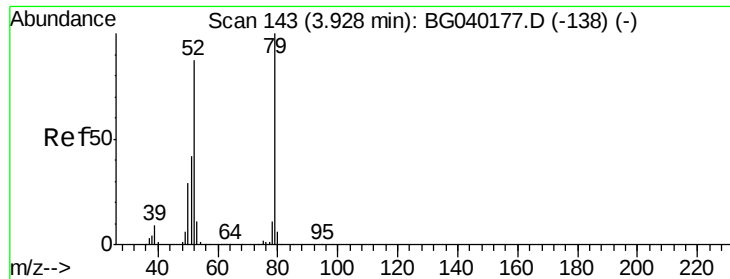
1,4-Dioxane
Concen: 49.303 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion: 88 Resp: 90133
Ion Ratio Lower Upper
88 100
58 88.2 70.6 106.0
43 30.3 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.245 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampled :

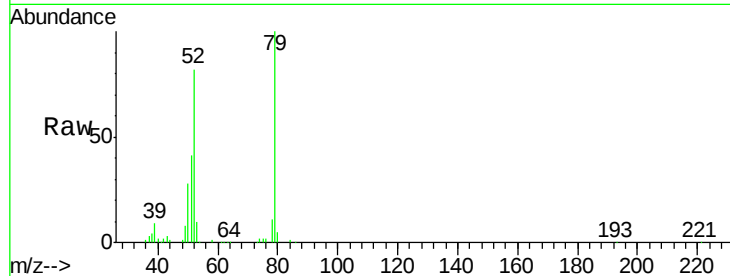
Tot Ion: 79 Resp: 153792

Ion Ratio Lower Upper

79 100

52 82.5 69.8 104.8

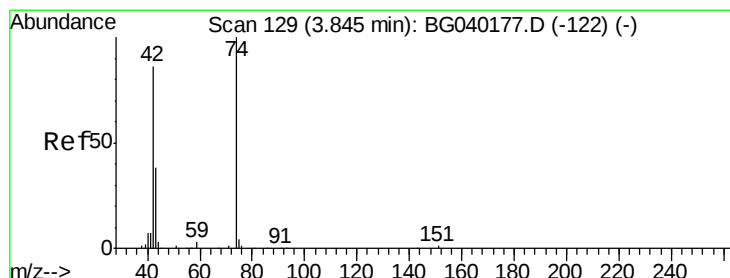
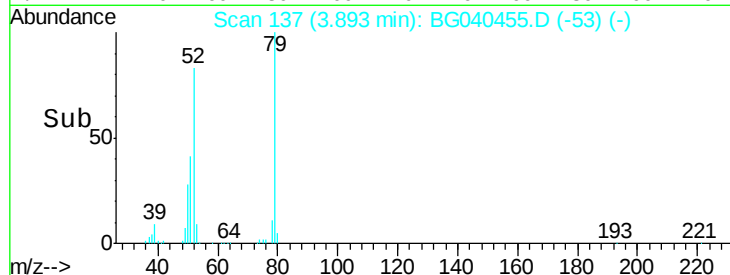
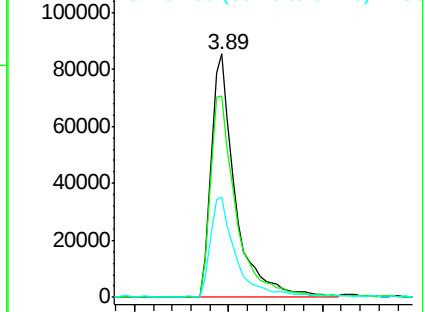
51 41.1 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.644 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

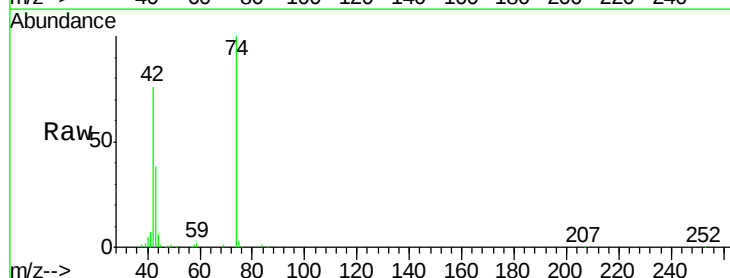
Tgt Ion: 42 Resp: 87986

Ion Ratio Lower Upper

42 100

74 132.1 92.9 139.3

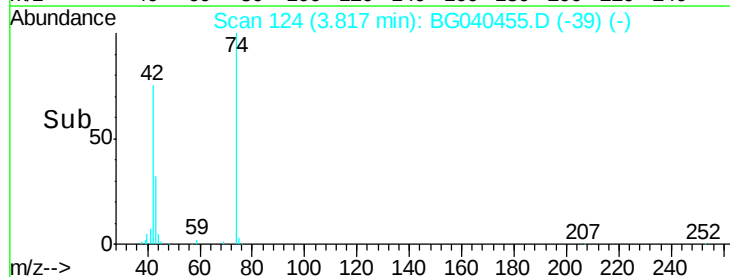
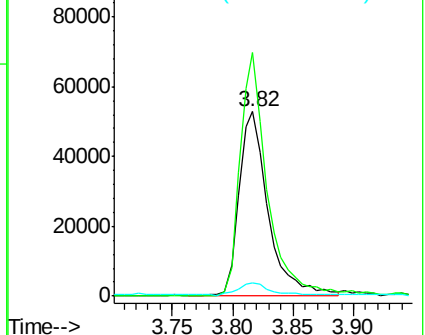
44 7.4 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 137.228 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

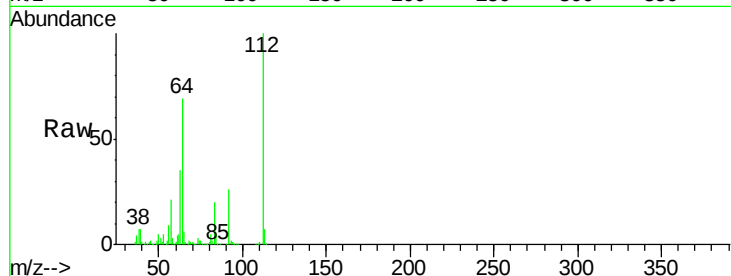
Tot Ion:112 Resp: 533528

Ion Ratio Lower Upper

112 100

64 69.2 54.2 81.2

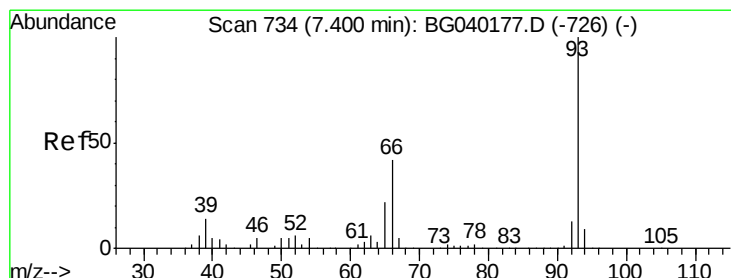
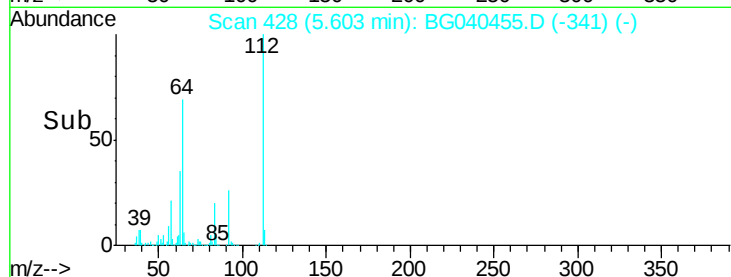
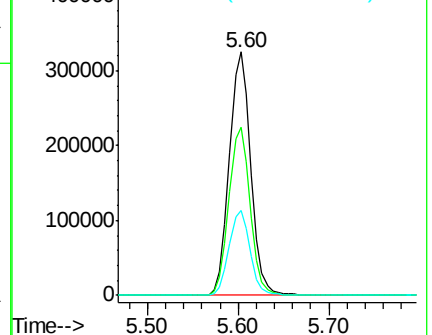
63 34.6 26.4 39.6



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: 31.786 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

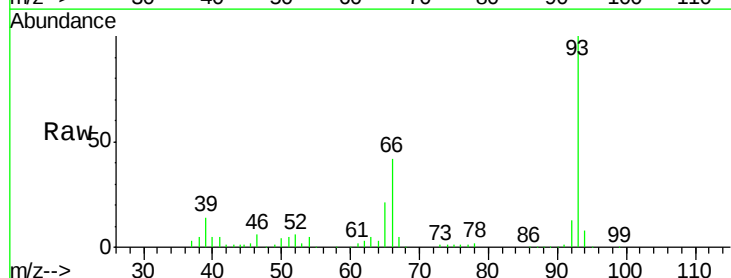
Tgt Ion: 93 Resp: 221892

Ion Ratio Lower Upper

93 100

66 41.8 33.6 50.4

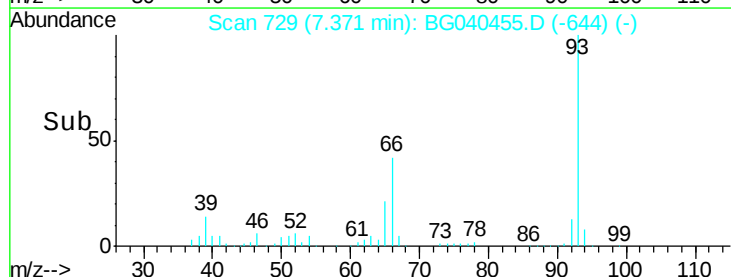
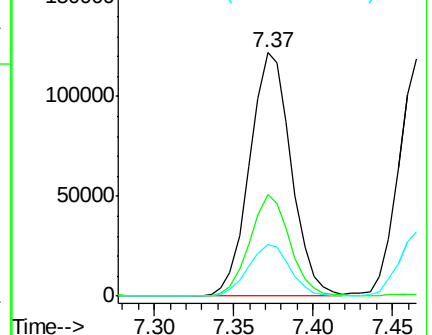
65 21.3 17.4 26.2

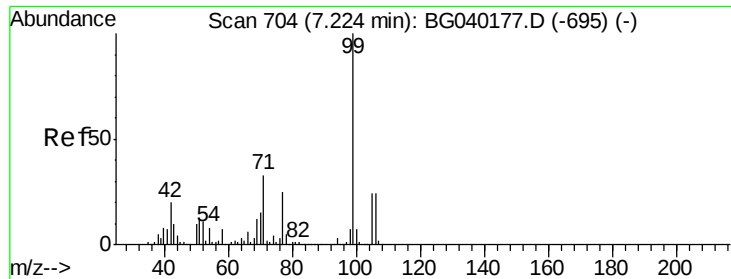


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.230 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

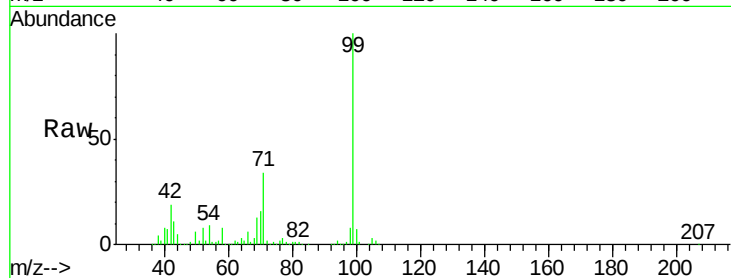
Tot Ion: 99 Resp: 721239

Ion Ratio Lower Upper

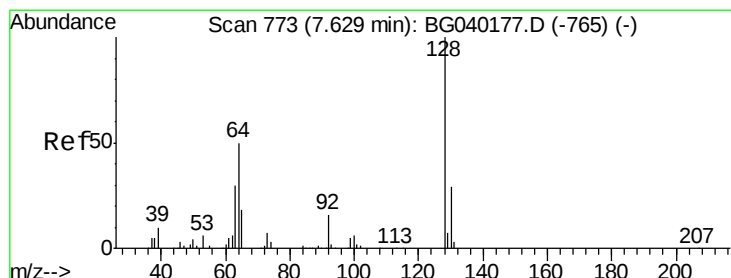
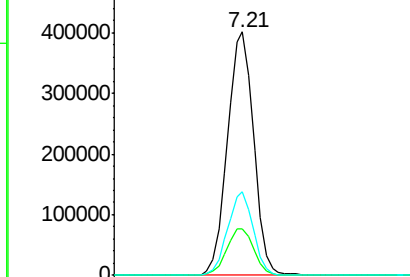
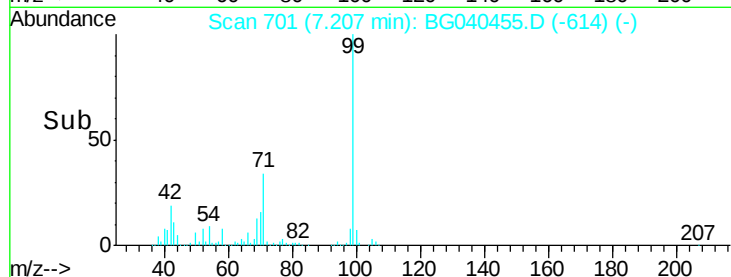
99 100

42 19.1 16.2 24.2

71 34.4 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: 43.209 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

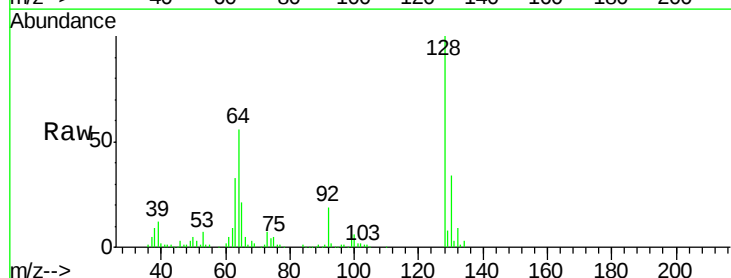
Tgt Ion: 128 Resp: 196652

Ion Ratio Lower Upper

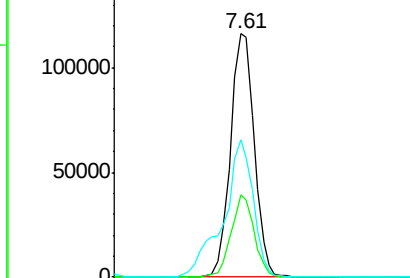
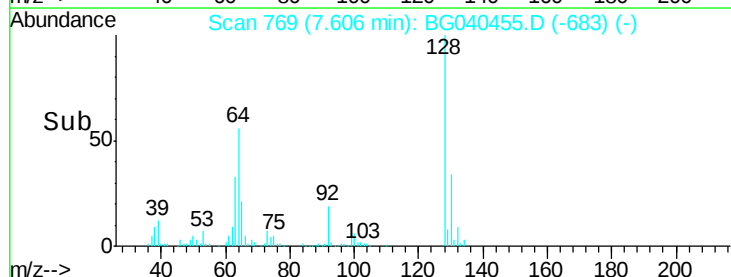
128 100

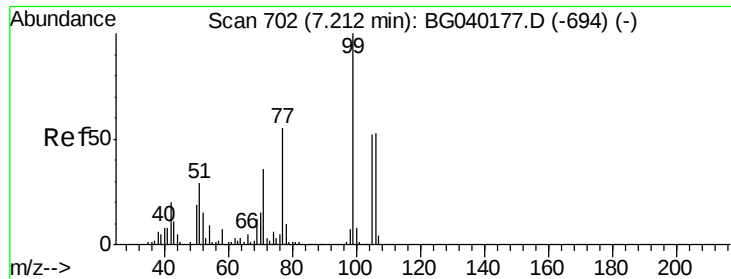
130 33.8 9.1 49.1

64 56.5 33.1 73.1



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

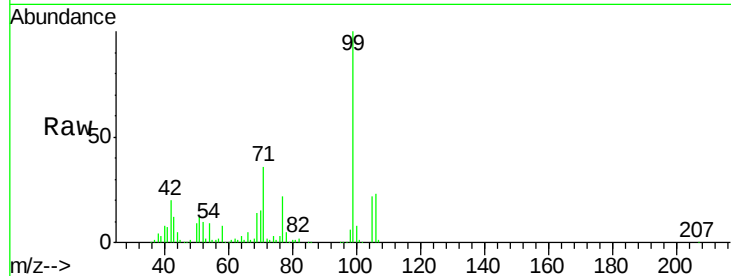




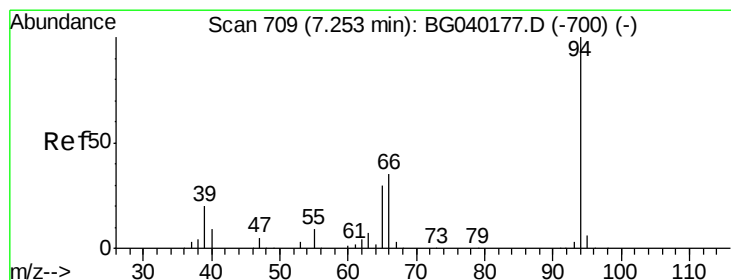
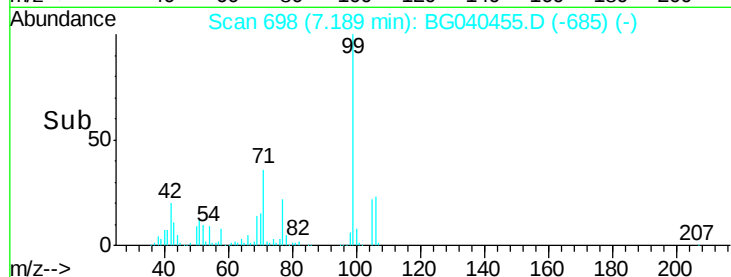
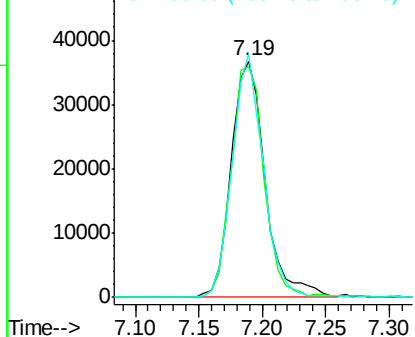
#9
Benzaldehyde
Concen: 18.471 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 68080
Ion Ratio Lower Upper
77 100
105 98.0 75.0 115.0
106 103.1 75.7 115.7

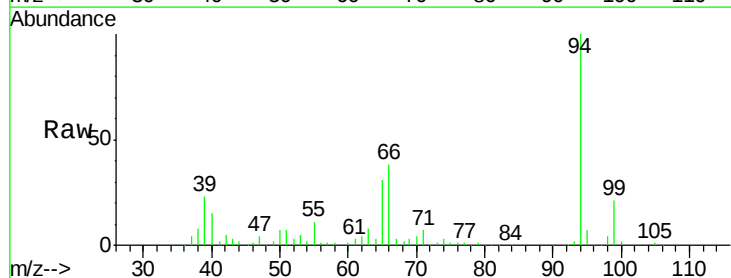


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

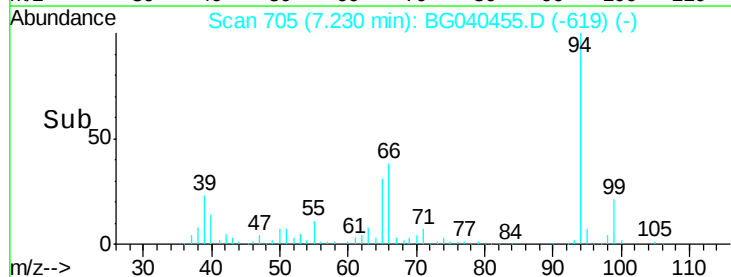
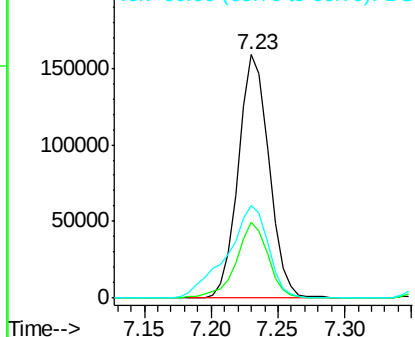


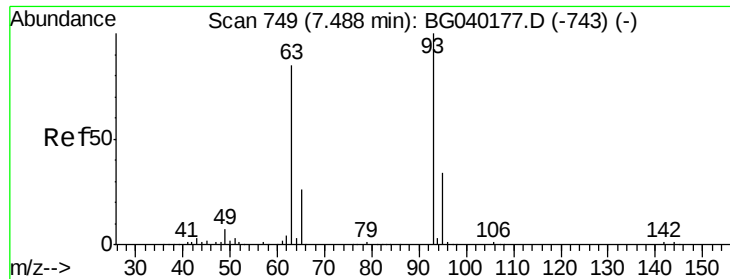
#10
Phenol
Concen: 43.460 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion: 94 Resp: 253464
Ion Ratio Lower Upper
94 100
65 31.0 10.5 50.5
66 38.3 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

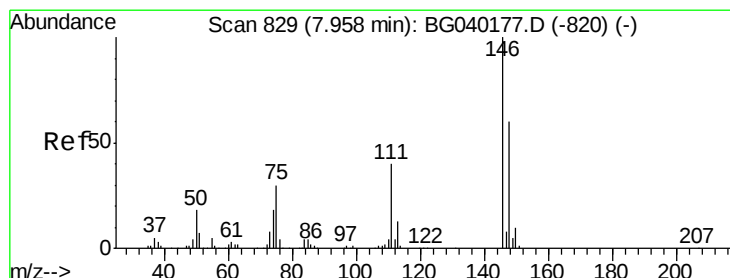
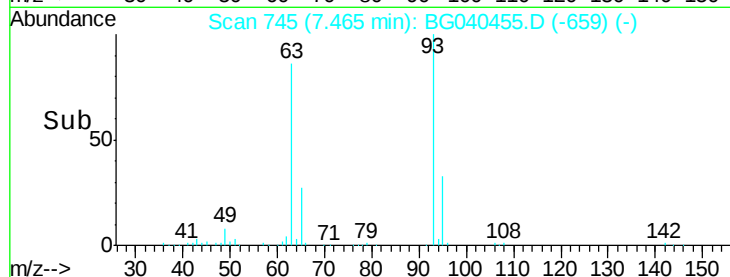
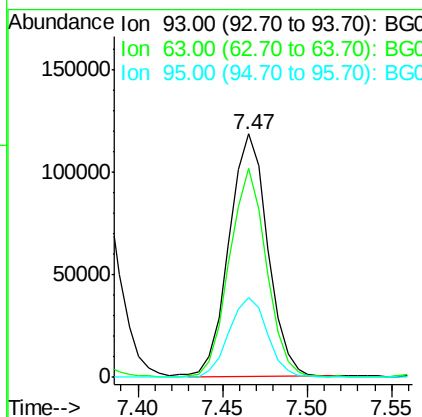
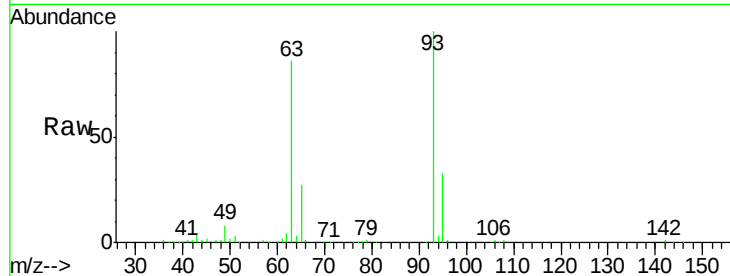




#11
bis(2-Chloroethyl)ether
Concen: 40.226 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

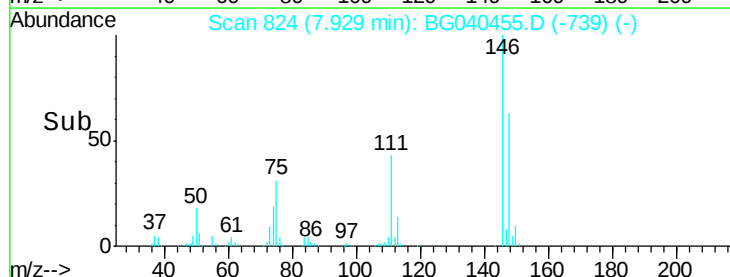
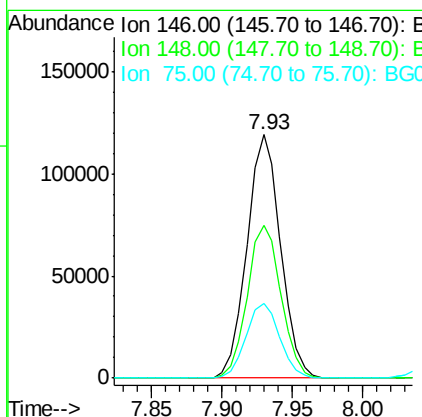
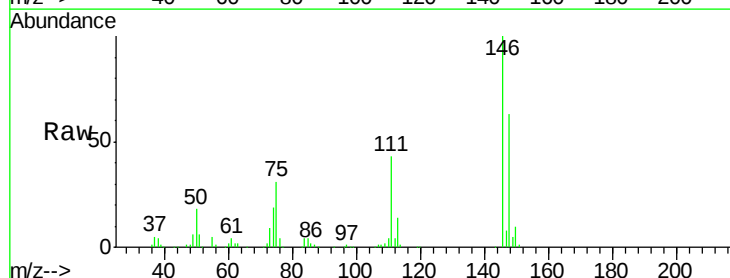
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 187901
Ion Ratio Lower Upper
93 100
63 85.9 64.2 104.2
95 32.8 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 40.304 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion: 146 Resp: 199399
Ion Ratio Lower Upper
146 100
148 62.8 48.2 72.2
75 30.8 24.1 36.1

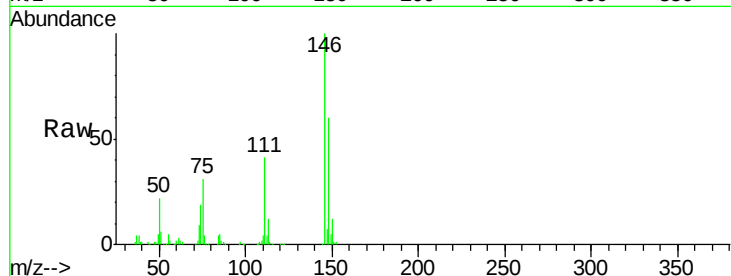




#13
 1,4-Dichlorobenzene
 Concen: 41.345 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.0	76.4
111	40.7	31.8	47.6

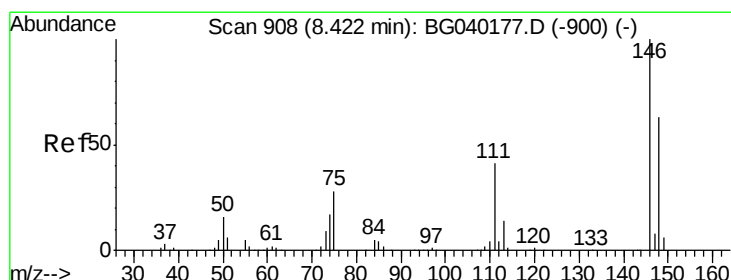
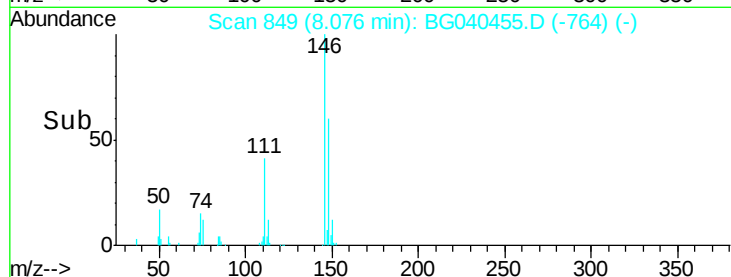
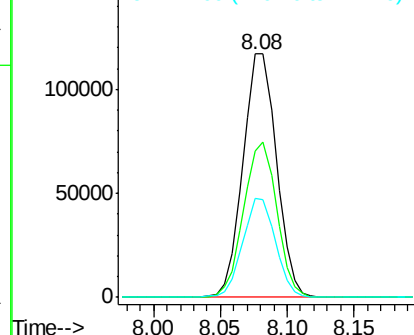


Abundance

Ion 146.00 (145.70 to 146.70): E

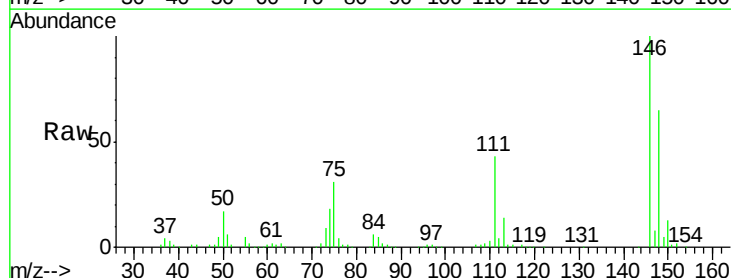
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.996 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.8	33.4	50.0

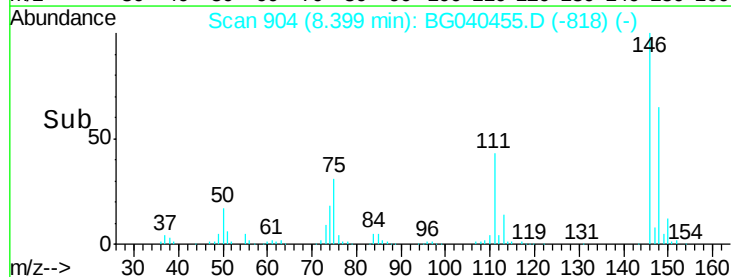
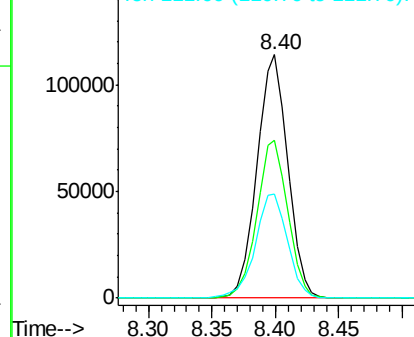


Abundance

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: 40.412 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

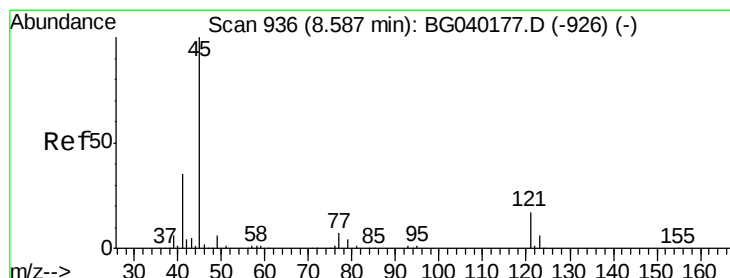
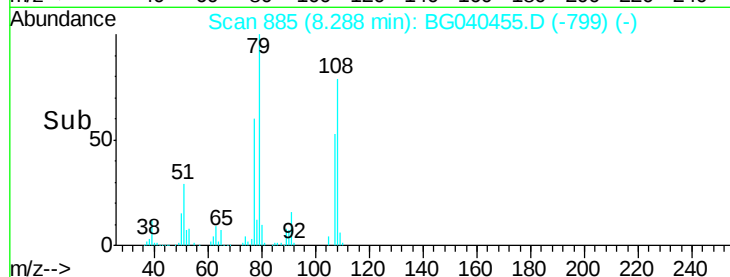
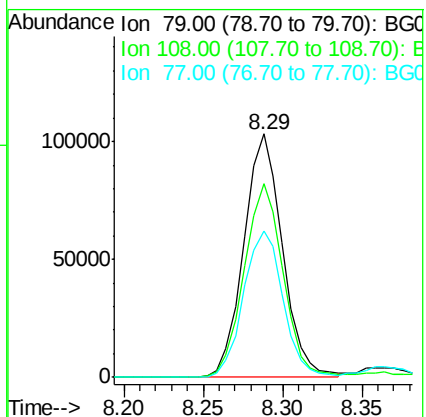
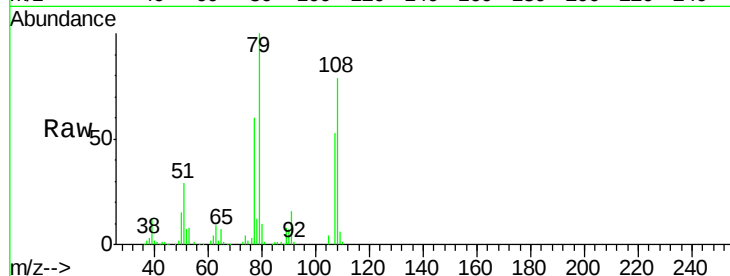
Tot Ion: 79 Resp: 174871

Ion Ratio Lower Upper

79 100

108 79.4 62.1 93.1

77 60.3 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.983 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

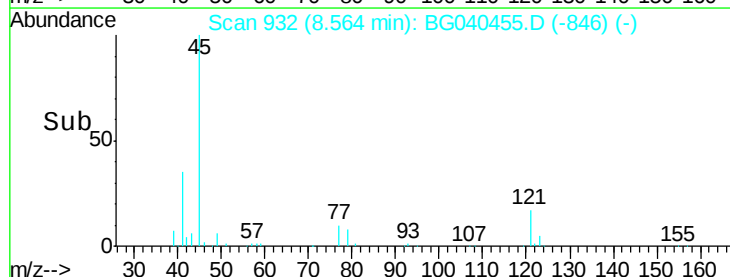
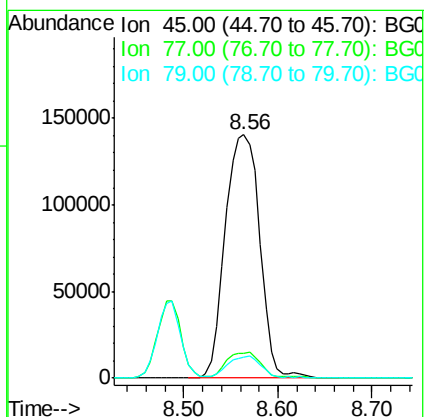
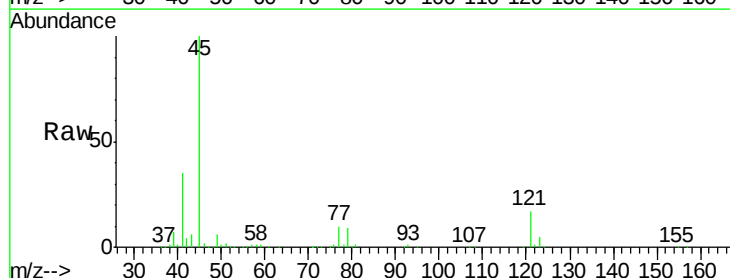
Tgt Ion: 45 Resp: 358444

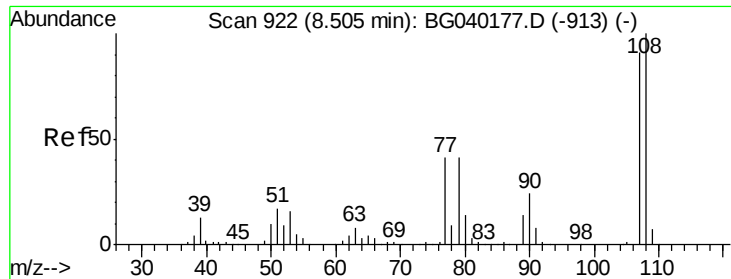
Ion Ratio Lower Upper

45 100

77 10.4 0.0 31.4

79 8.7 0.0 28.3

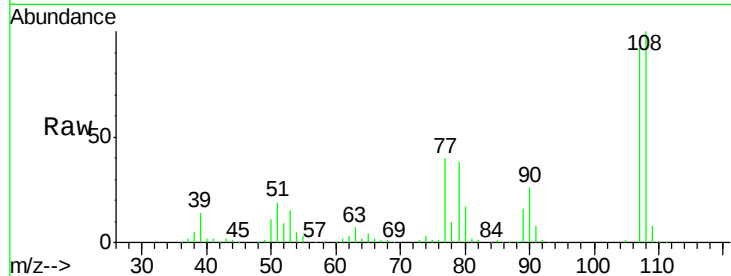




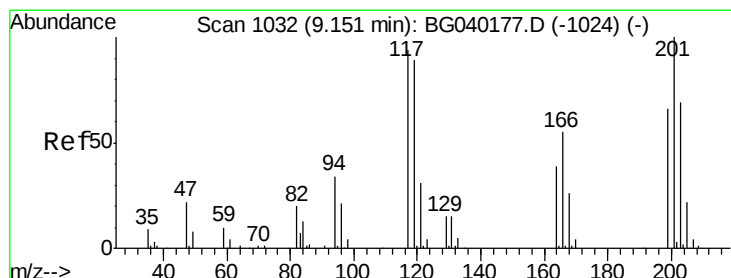
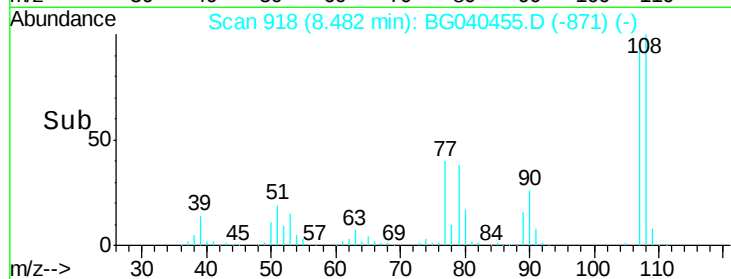
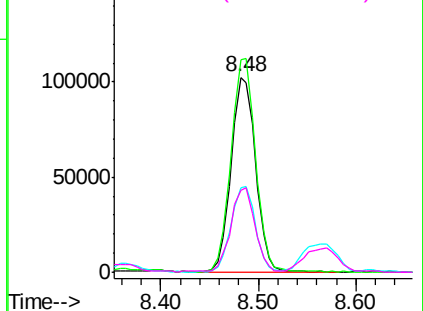
#17
2-Methylphenol
Concen: 44.559 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 179824
Ion Ratio Lower Upper
107 100
108 109.2 88.2 132.4
77 43.7 36.6 55.0
79 42.0 36.5 54.7

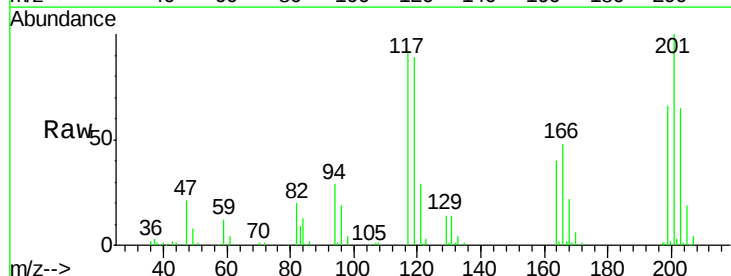


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

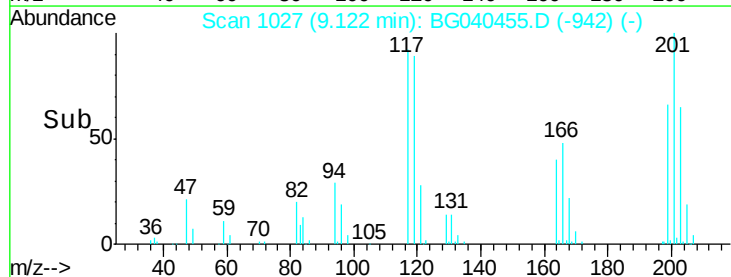
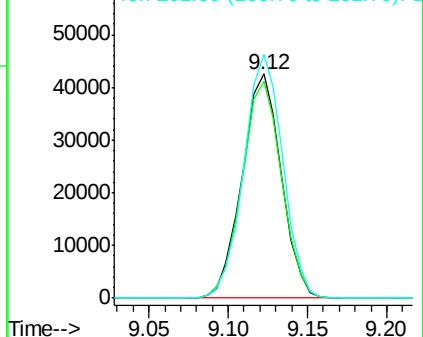


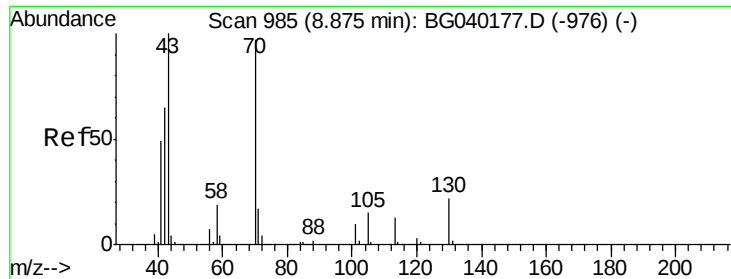
#18
Hexachloroethane
Concen: 38.836 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:117 Resp: 72791
Ion Ratio Lower Upper
117 100
119 96.6 76.6 115.0
201 108.7 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

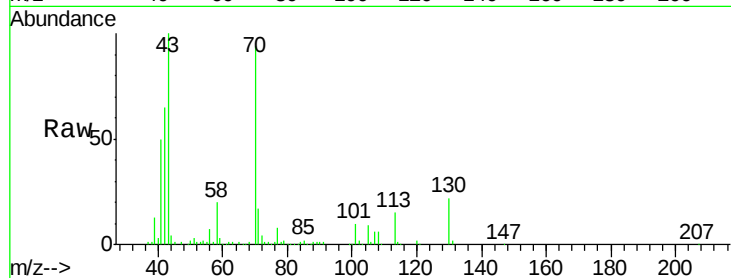




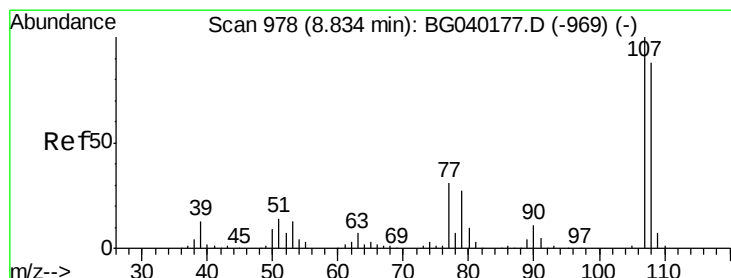
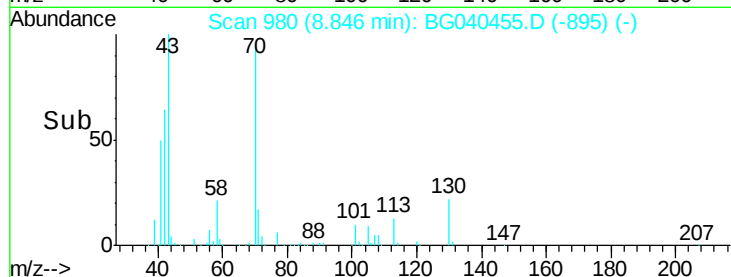
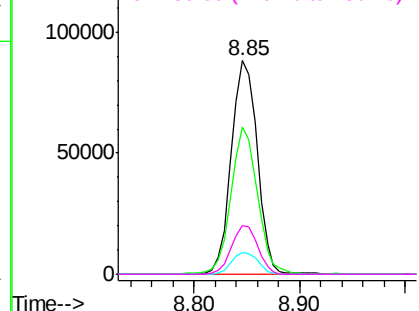
#19
n-Nitroso-di-n-propylamine
Concen: 38.847 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 149655
Ion Ratio Lower Upper
70 100
42 68.7 54.0 81.0
101 10.3 8.6 13.0
130 23.0 18.2 27.2

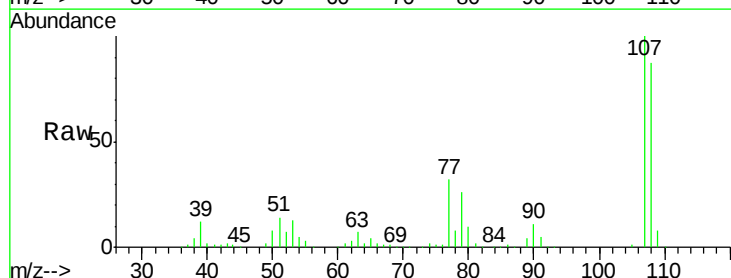


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

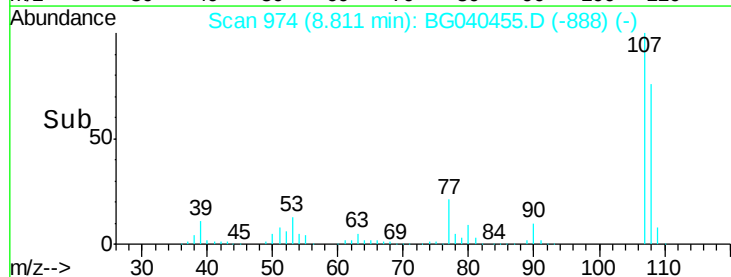
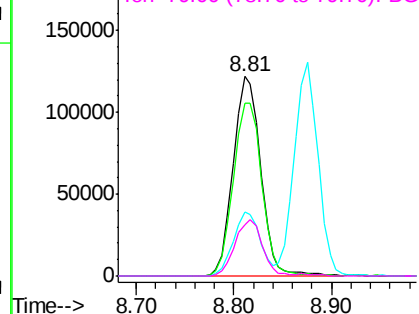


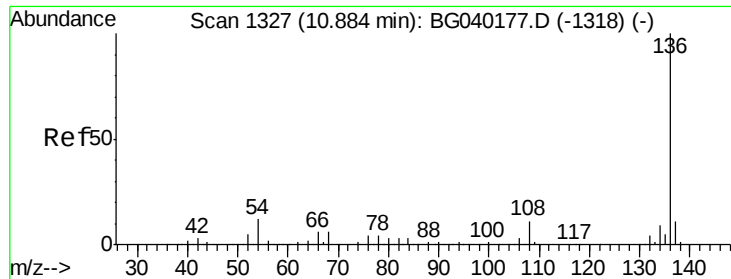
#20
3+4-Methylphenols
Concen: 43.797 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion: 107 Resp: 239446
Ion Ratio Lower Upper
107 100
108 86.8 68.3 108.3
77 32.2 11.3 51.3
79 25.9 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

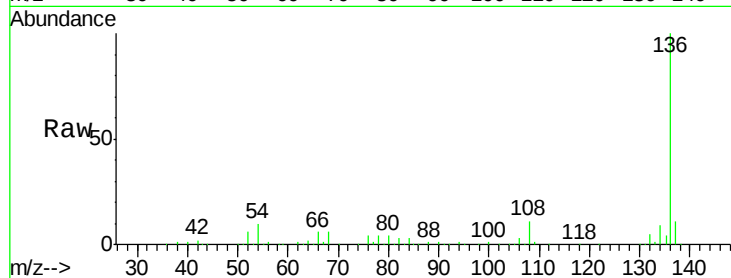




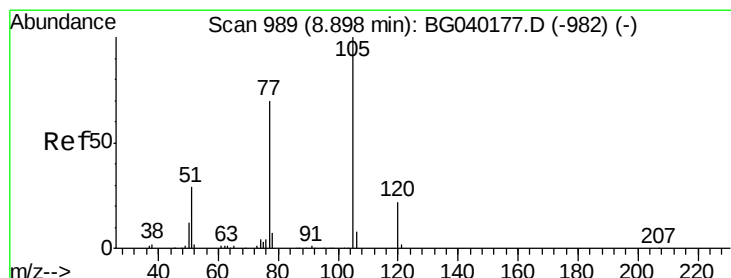
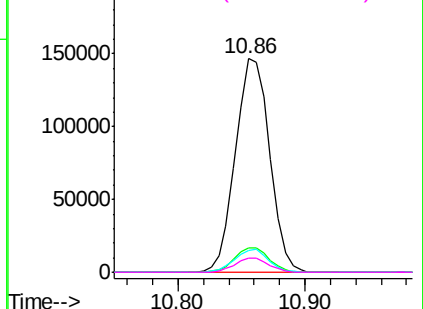
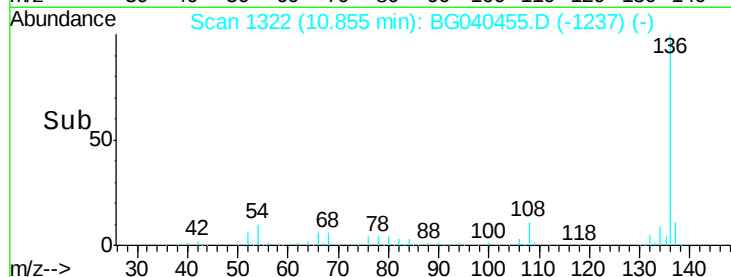
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	274400
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.5	9.6 14.4
68	6.5	5.1 7.7

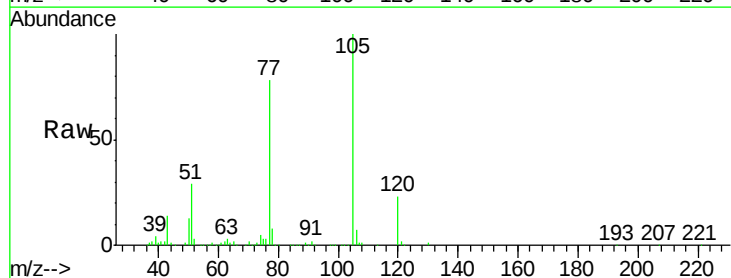


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

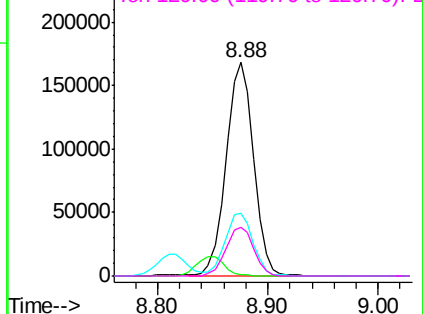
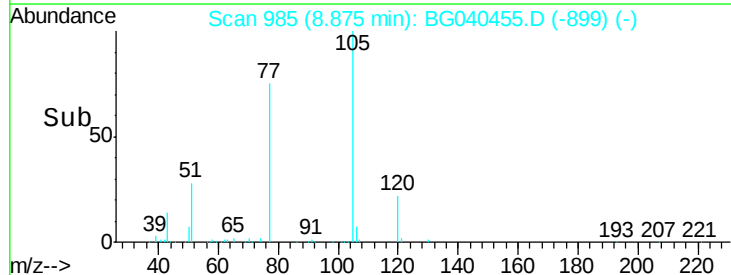


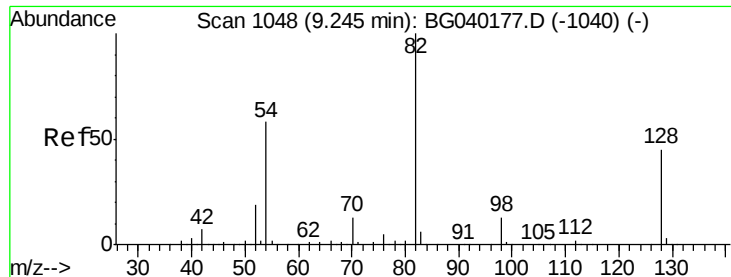
#22
Acetophenone
Concen: 42.542 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:105	Resp:	291192
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.6 1.0#
51	29.3	25.1 37.7
120	22.6	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

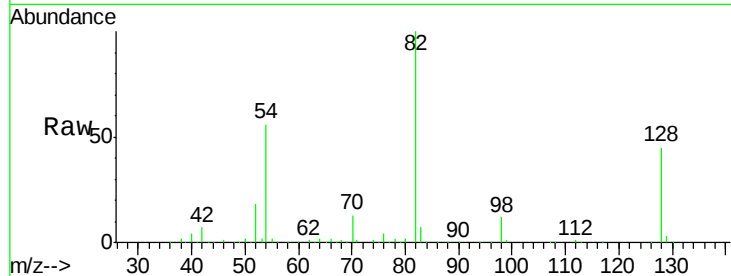




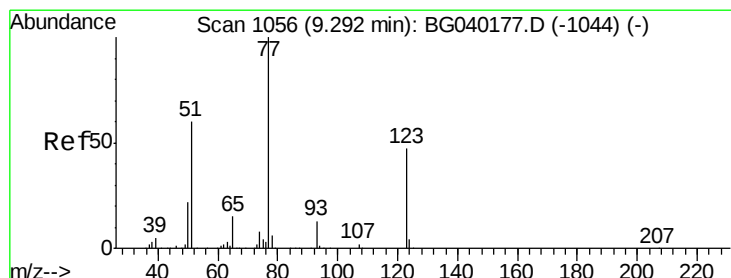
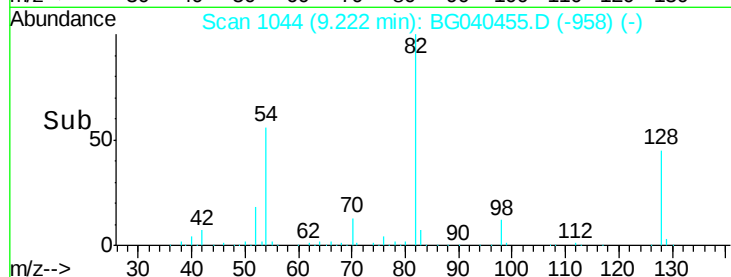
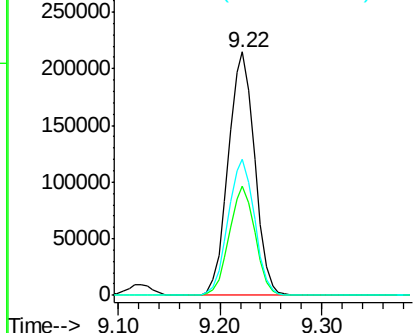
#23
Nitrobenzene-d5
Concen: 74.983 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 387092
Ion Ratio Lower Upper
82 100
128 44.9 35.8 53.8
54 56.0 46.2 69.2

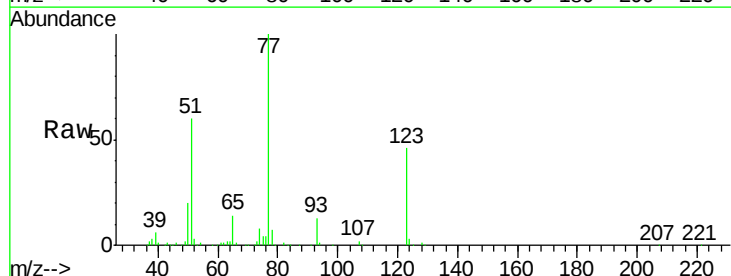


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

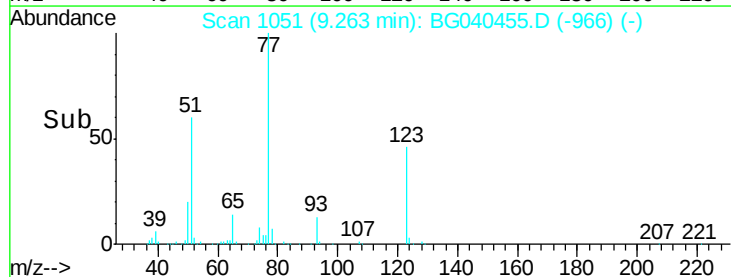
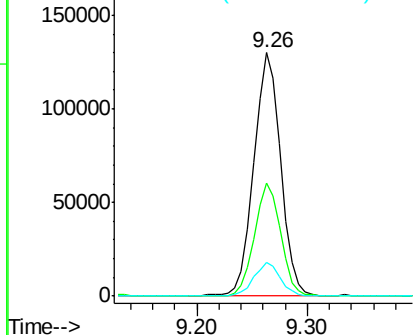


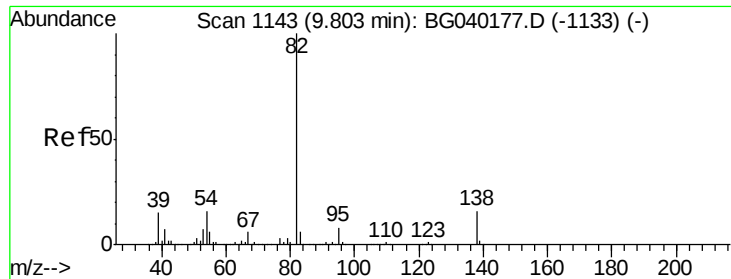
#24
Nitrobenzene
Concen: 41.667 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion: 77 Resp: 222746
Ion Ratio Lower Upper
77 100
123 46.4 37.8 56.6
65 13.6 12.0 18.0



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





#25

Isophorone

Concen: 40.641 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

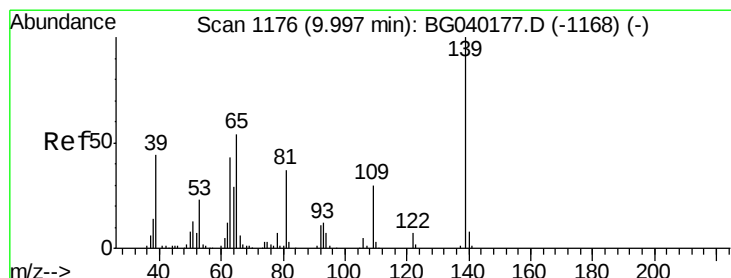
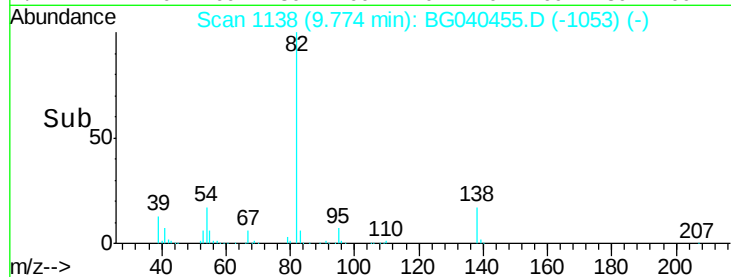
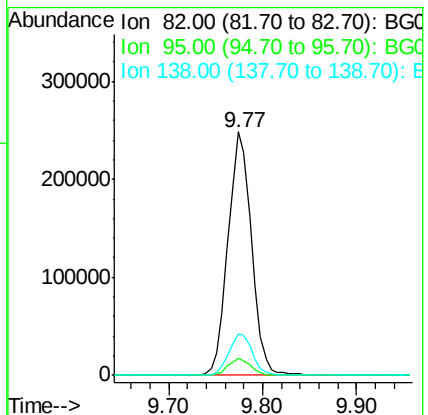
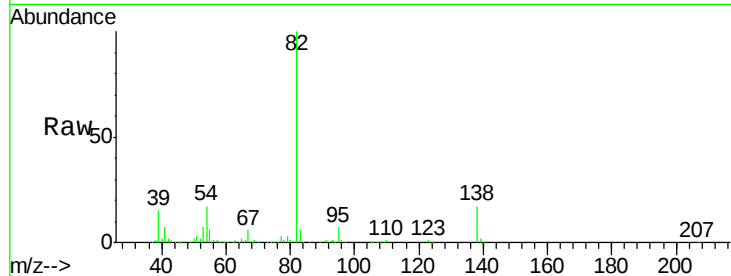
Tot Ion: 82 Resp: 431687

Ion Ratio Lower Upper

82 100

95 6.8 6.1 9.1

138 16.9 13.2 19.8



#26

2-Nitrophenol

Concen: 42.893 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

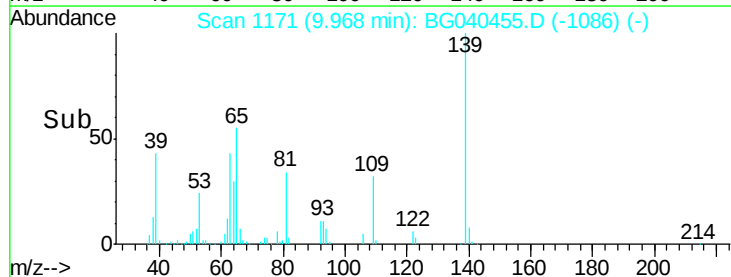
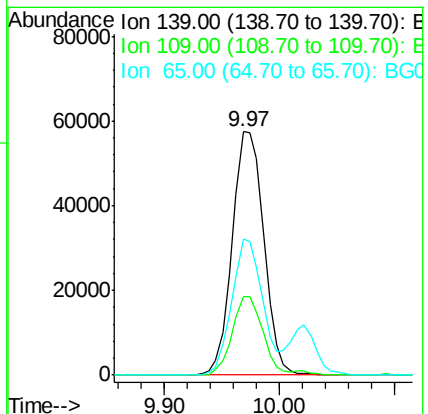
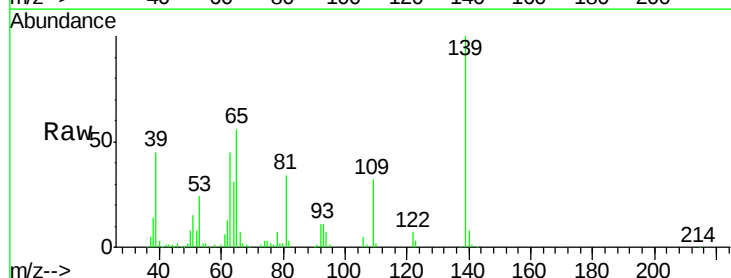
Tgt Ion: 139 Resp: 108650

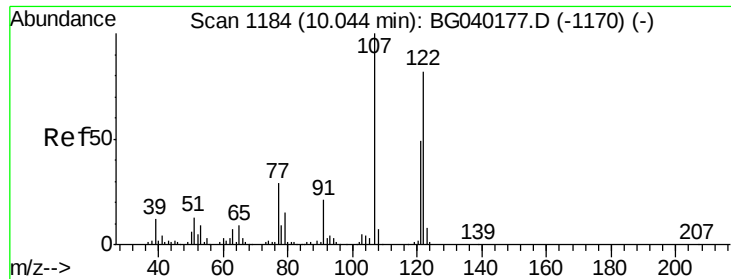
Ion Ratio Lower Upper

139 100

109 32.1 24.1 36.1

65 55.9 43.0 64.6

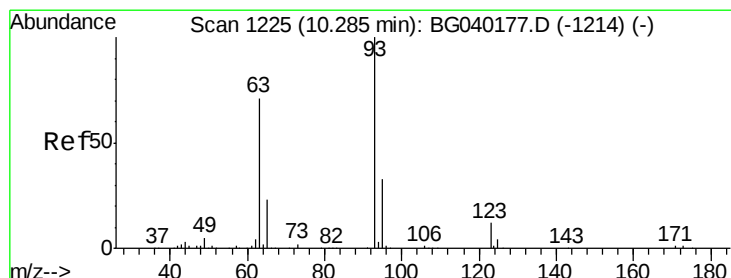
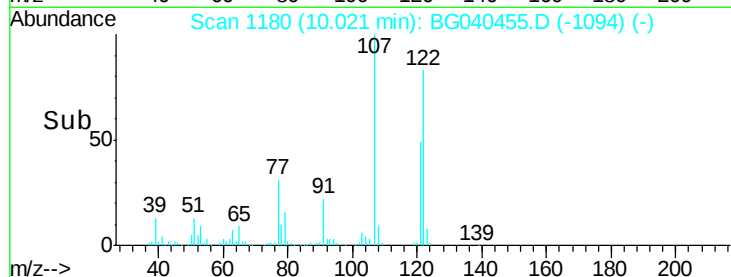
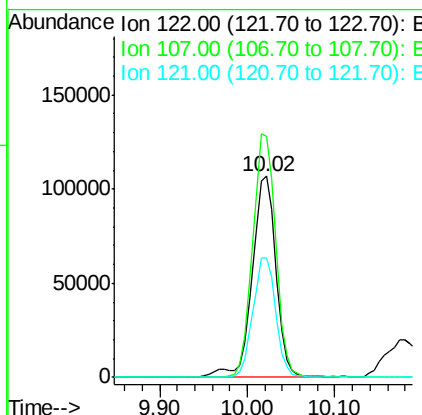
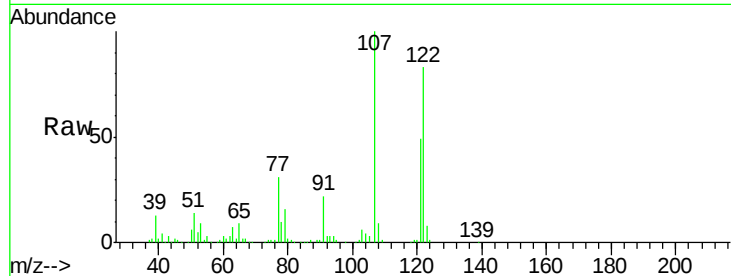




#27
 2,4-Dimethylphenol
 Concen: 49.197 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

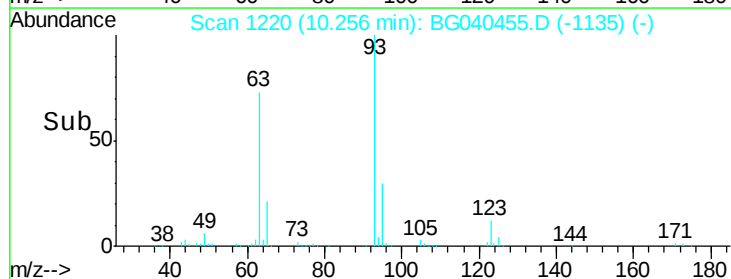
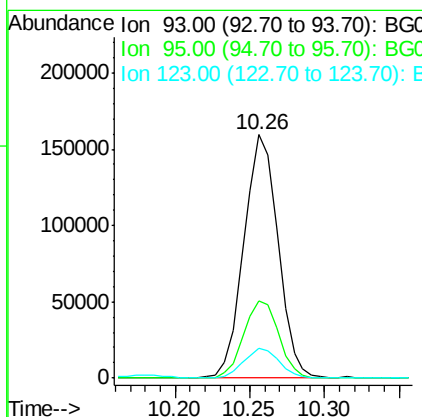
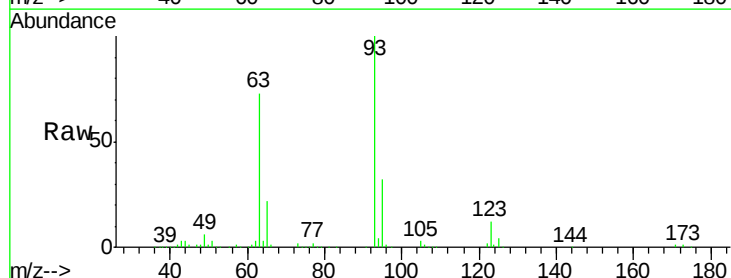
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 197949
 Ion Ratio Lower Upper
 122 100
 107 119.9 97.4 146.2
 121 59.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.259 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion: 93 Resp: 253001
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.2 39.4
 123 12.3 9.4 14.0

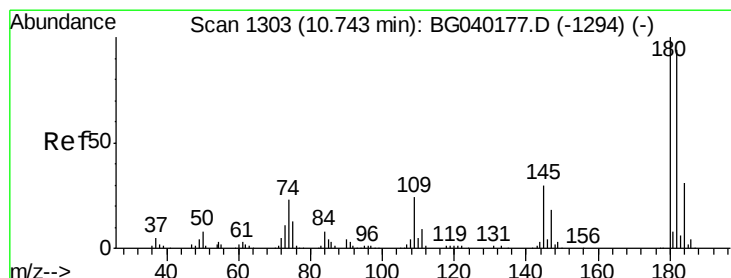
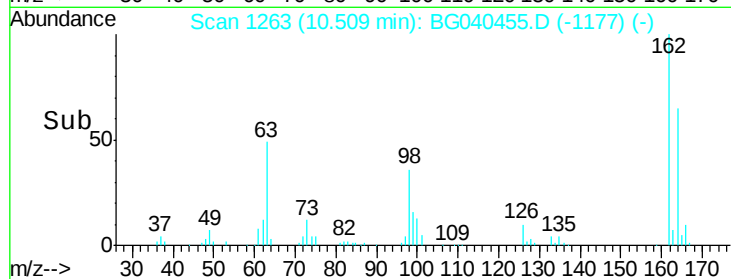
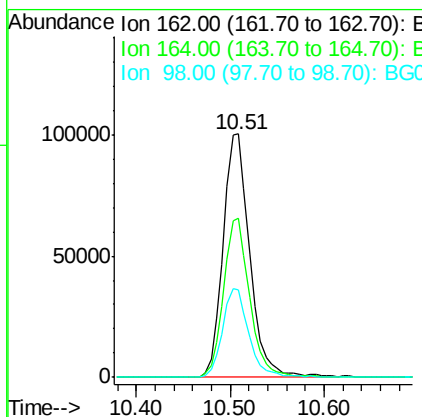
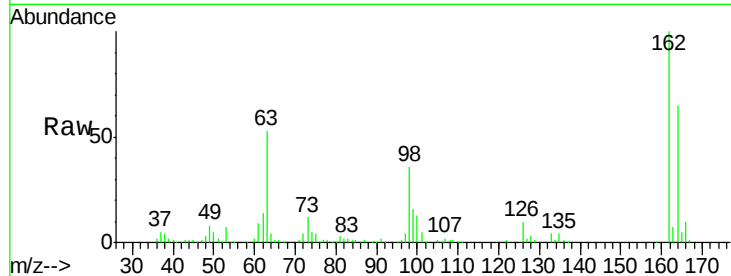




#29
 2,4-Dichlorophenol
 Concen: 45.307 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

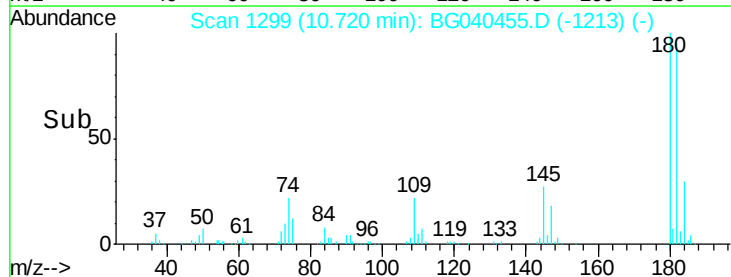
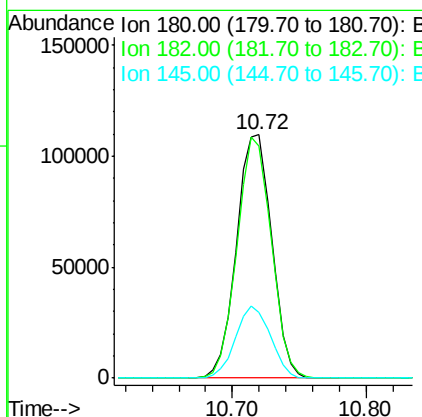
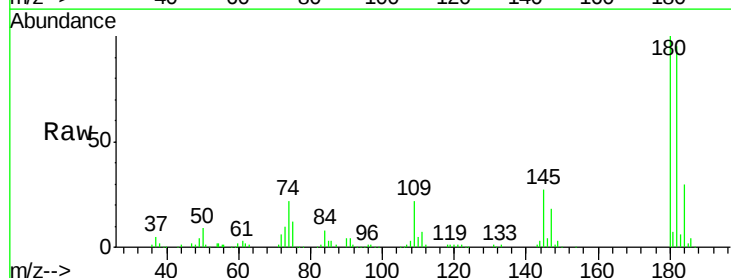
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.9	83.9
98	35.8	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.685 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.1	112.7
145	27.2	24.1	36.1

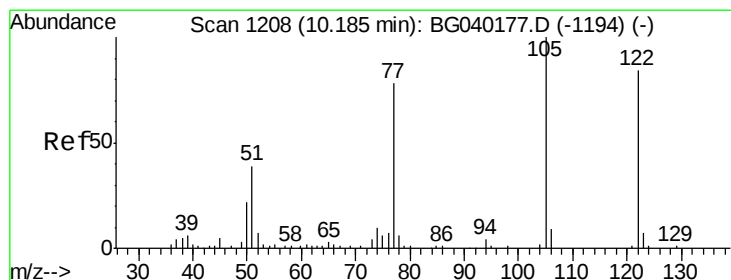
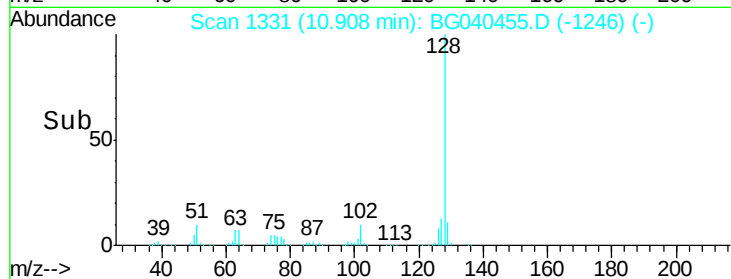
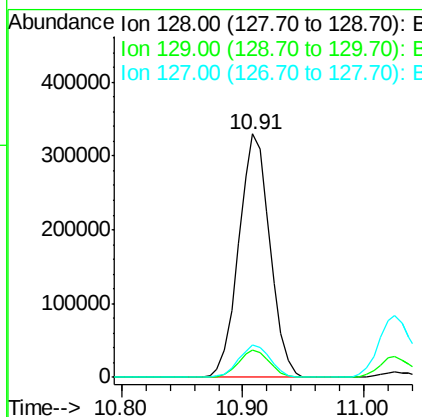
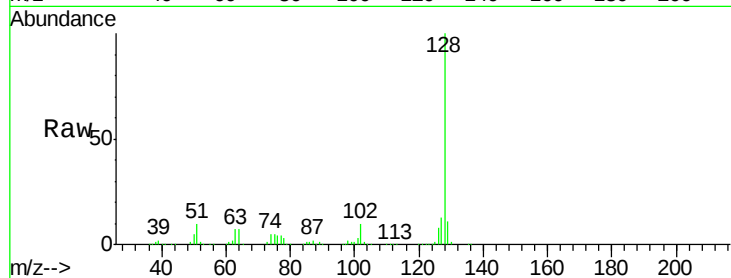




#31
Naphthalene
Concen: 42.107 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

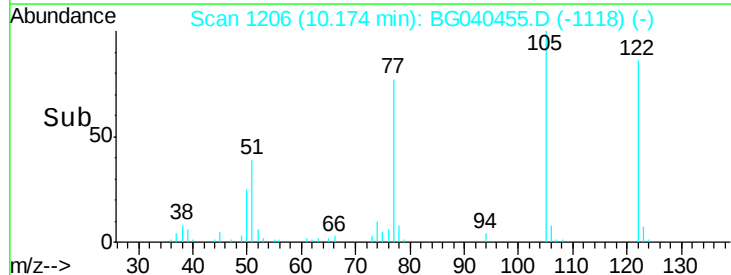
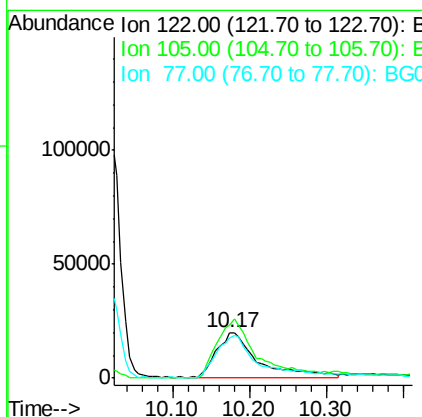
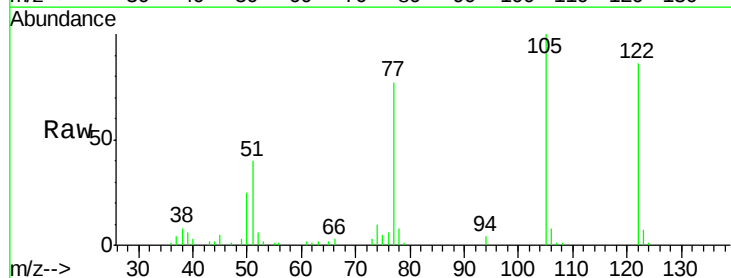
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 592233
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 11.4 17.0



#32
Benzoic acid
Concen: 29.733 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:122 Resp: 72281
Ion Ratio Lower Upper
122 100
105 116.1 98.2 138.2
77 89.4 73.6 113.6

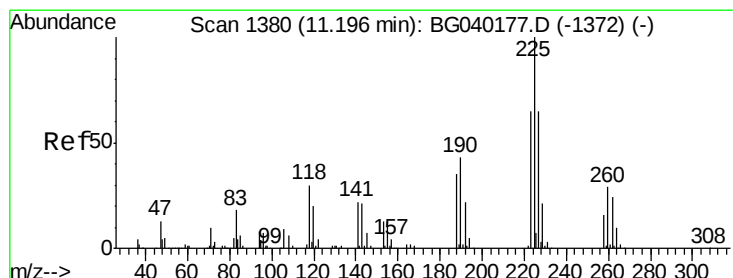
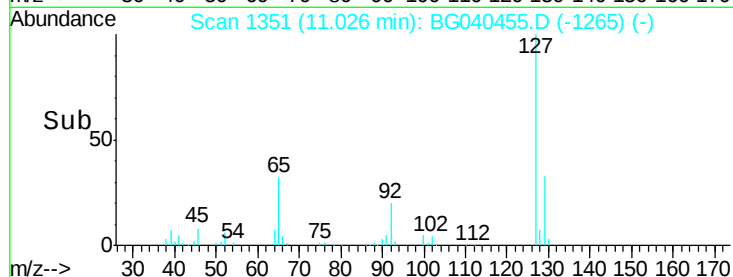
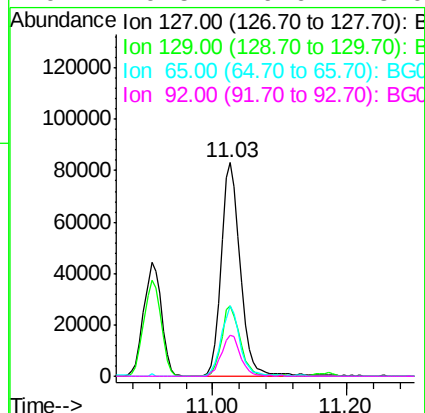
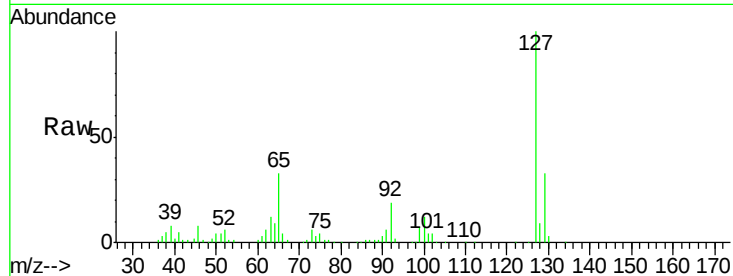




#33
4-Chloroaniline
Concen: 28.223 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

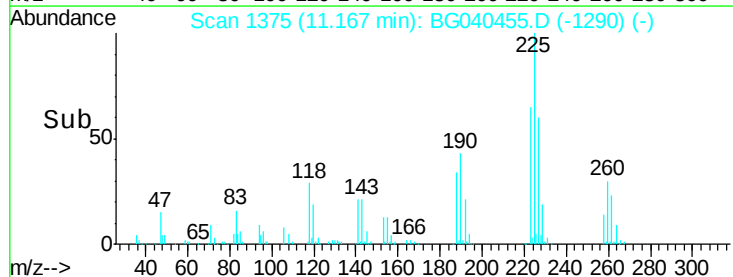
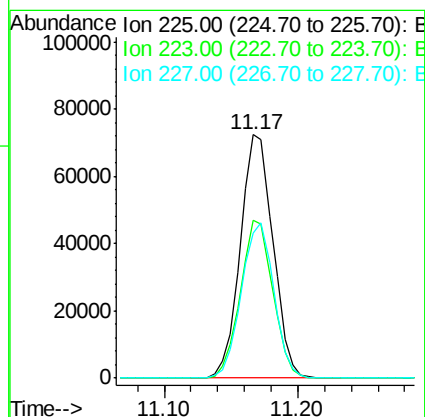
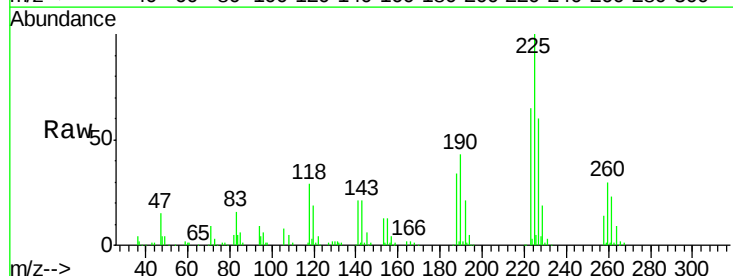
Instrument :
BNA_G
ClientSampleId :

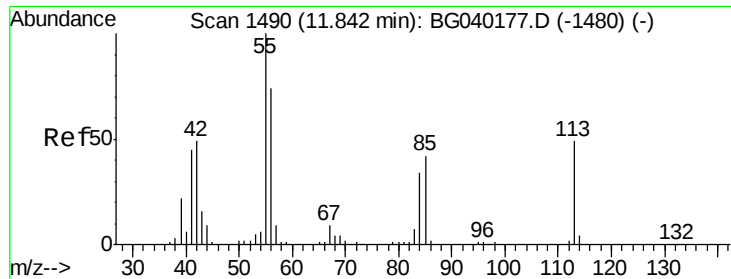
Tot Ion:	127	Resp:	169324
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	32.8	27.0	40.4
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 39.754 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:	225	Resp:	121924
Ion	Ratio	Lower	Upper
225	100		
223	65.0	51.8	77.8
227	59.8	54.9	82.3

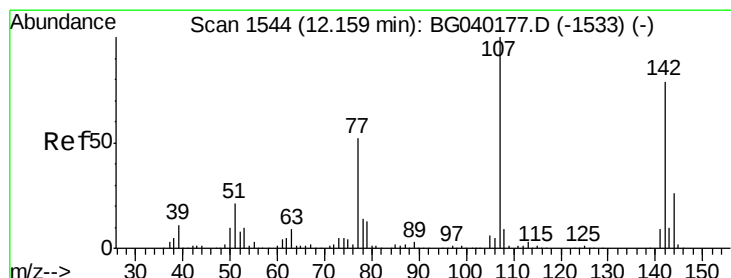
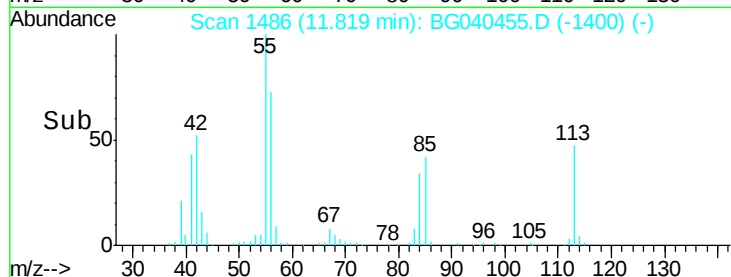
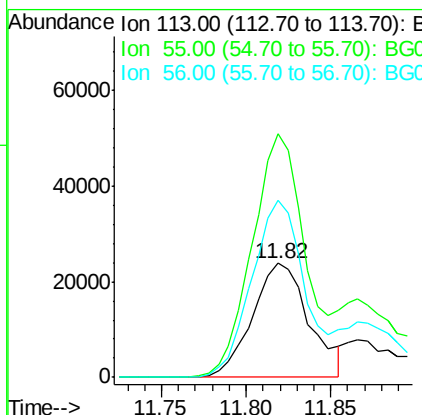
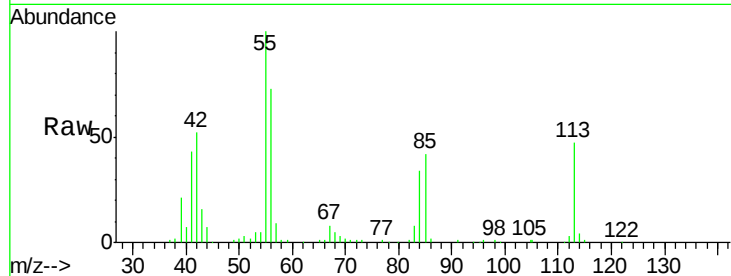




#35
 Caprolactam
 Concen: 32.107 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

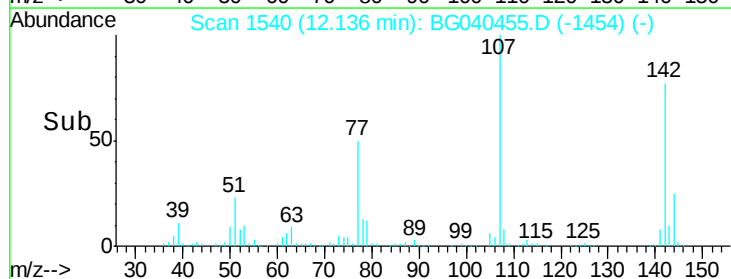
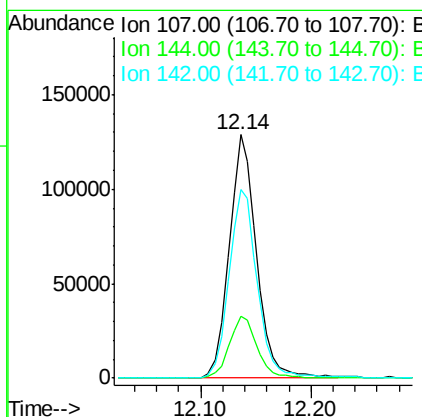
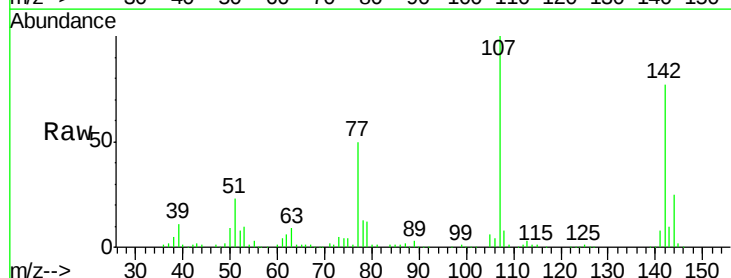
Instrument :
 BNA_G
 ClientSampleId :

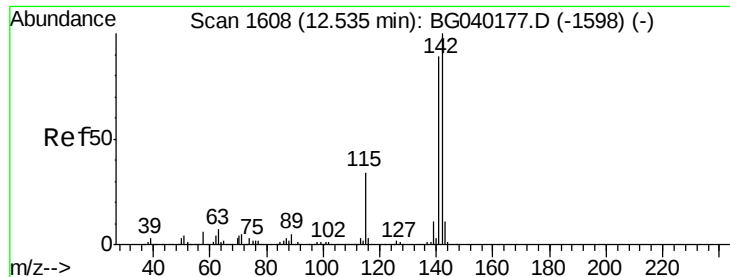
Tot Ion:113 Resp: 55646
 Ion Ratio Lower Upper
 113 100
 55 213.5 184.2 224.2
 56 155.0 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.411 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion:107 Resp: 222981
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 77.3 63.1 94.7

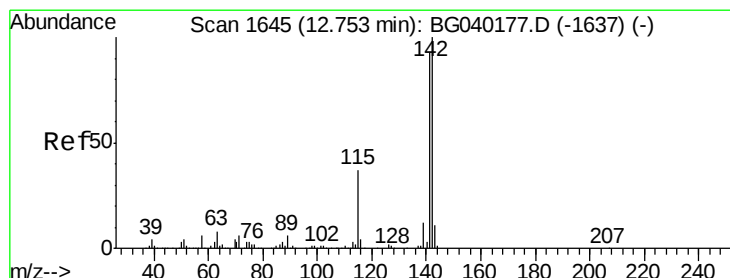
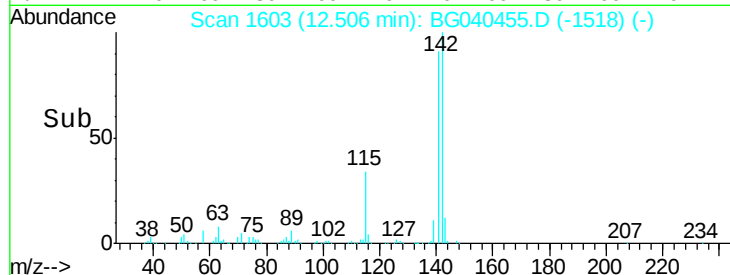
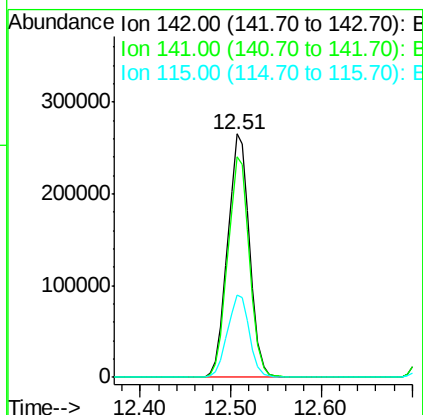
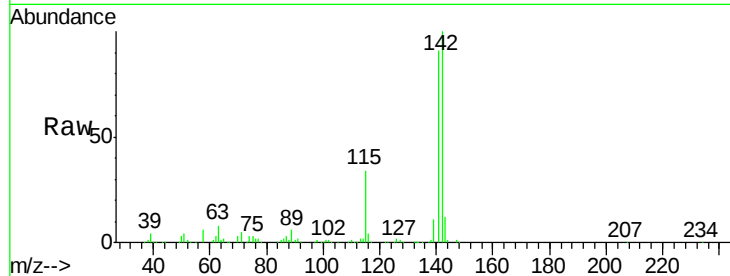




#37
2-Methylnaphthalene
Concen: 42.801 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

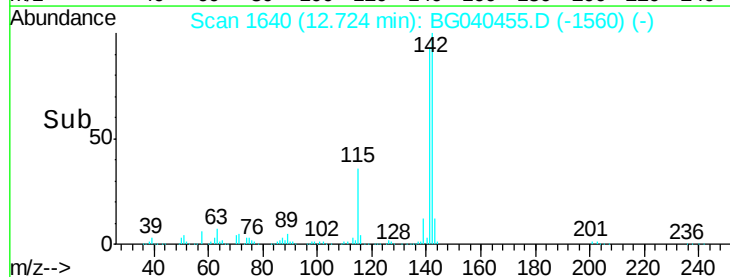
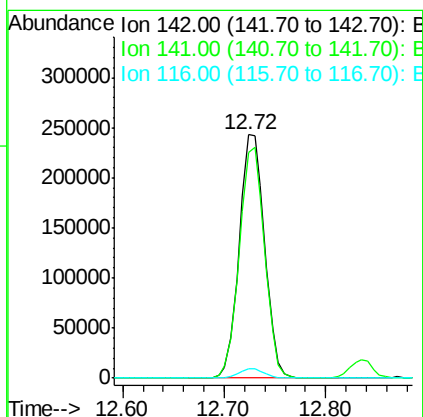
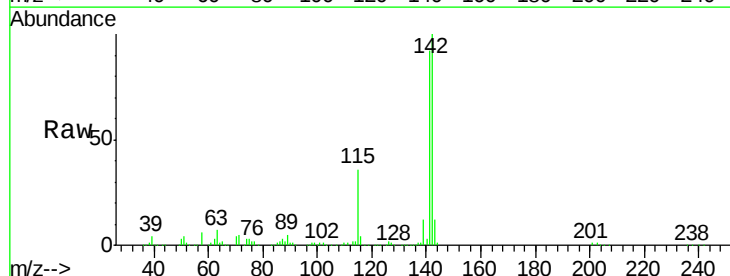
Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 445231
Ion Ratio Lower Upper
142 100
141 90.5 71.0 106.6
115 33.7 27.3 40.9



#38
1-Methylnaphthalene
Concen: 41.821 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:142 Resp: 421846
Ion Ratio Lower Upper
142 100
141 92.5 74.2 111.4
116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

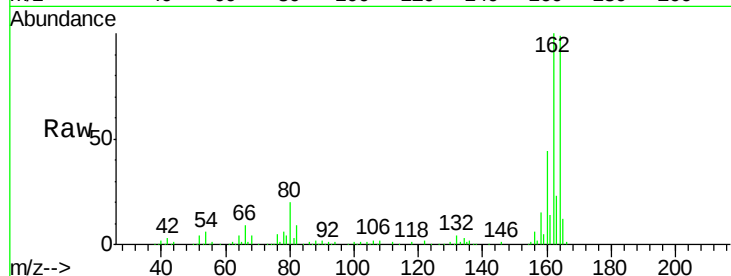
Tot Ion:164 Resp: 175884

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

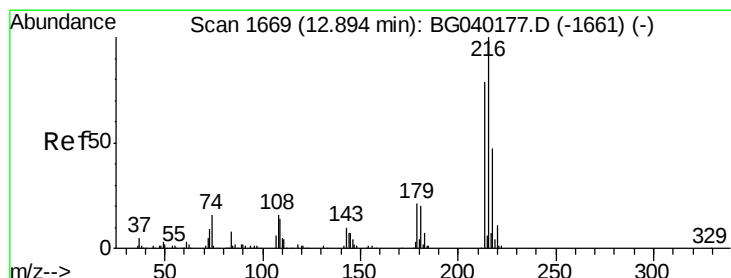
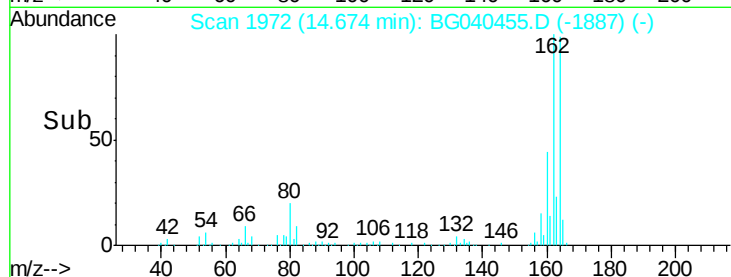
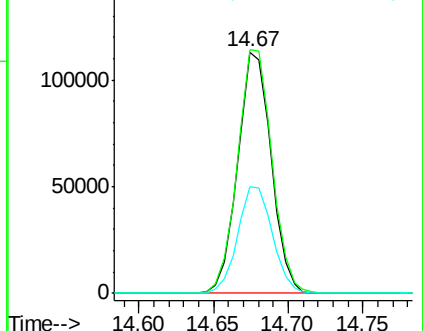
160 44.3 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.358 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:216 Resp: 225608

Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 21.0 16.6 25.0

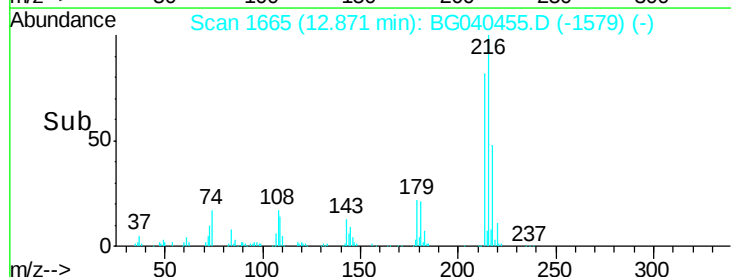
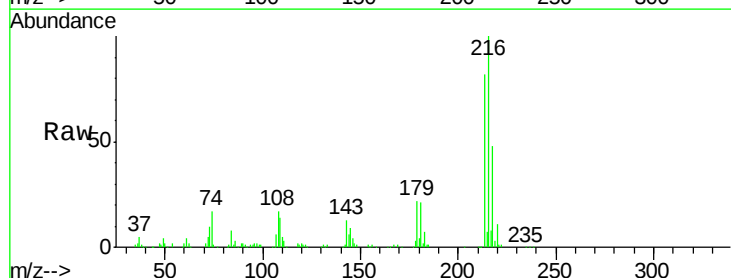
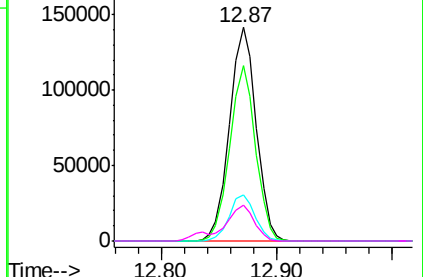
108 19.8 13.8 20.8

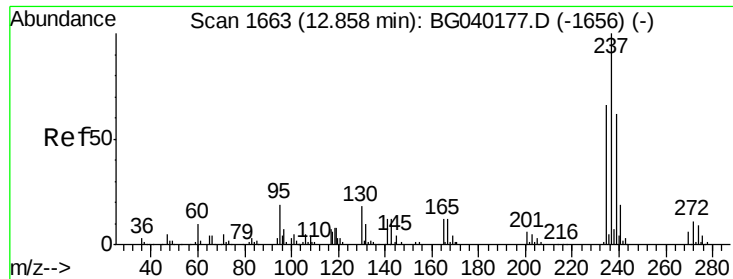
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.662 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

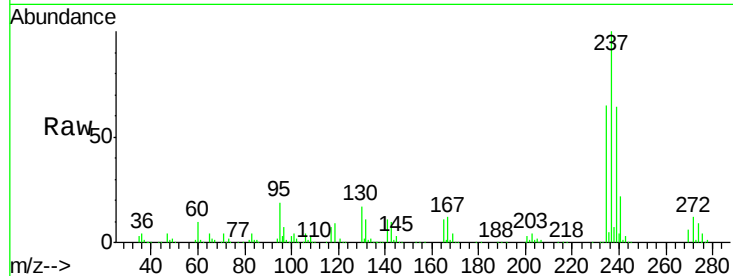
Tot Ion:237 Resp: 253725

Ion Ratio Lower Upper

237 100

235 65.0 46.2 86.2

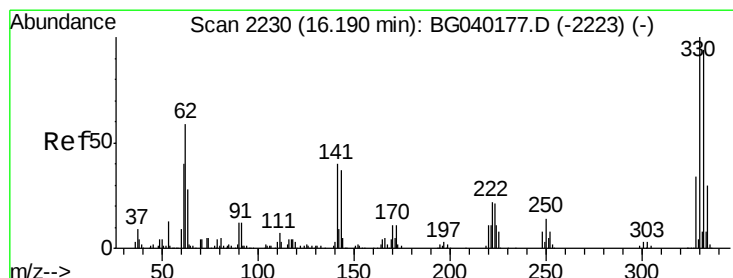
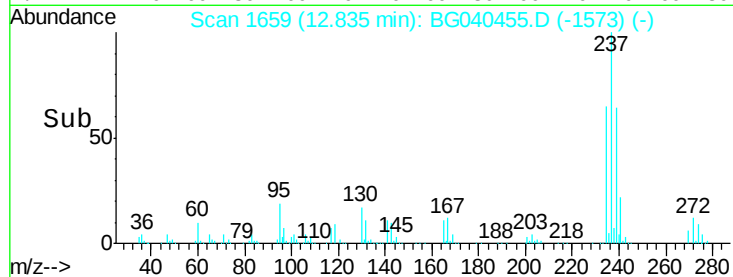
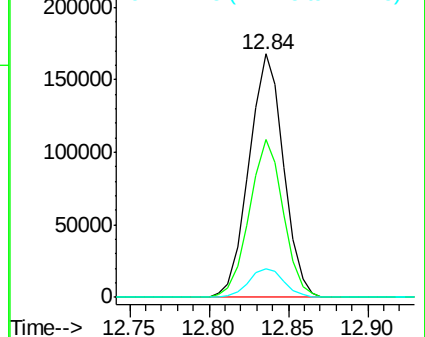
272 11.8 0.0 30.5



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: 142.157 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

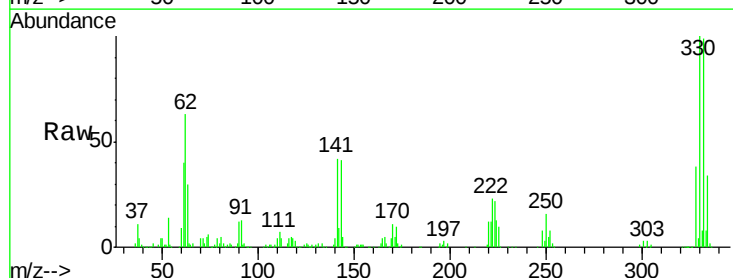
Tgt Ion:330 Resp: 270218

Ion Ratio Lower Upper

330 100

332 98.8 76.6 115.0

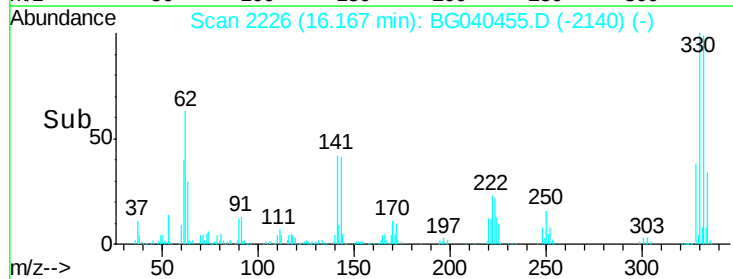
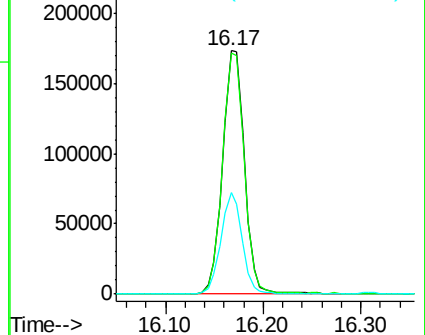
141 40.1 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

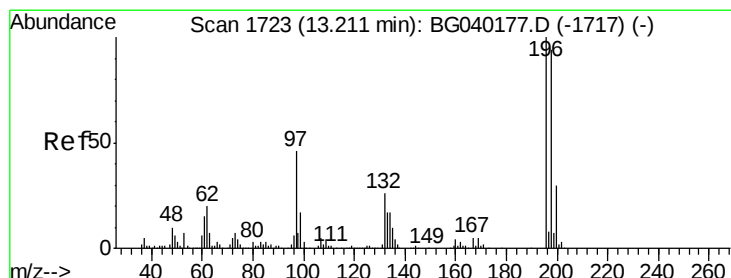
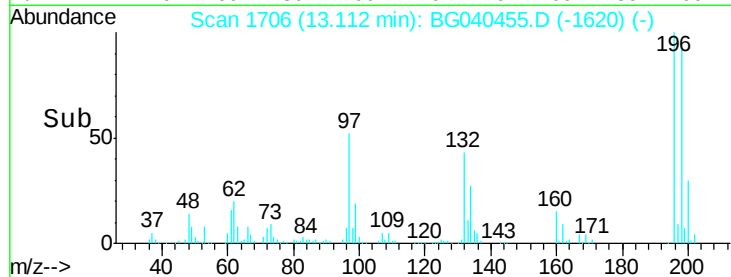
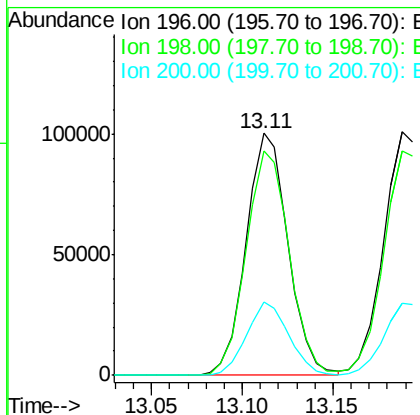
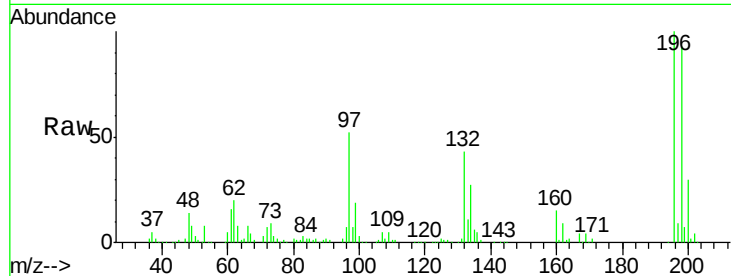




#43
 2,4,6-Trichlorophenol
 Concen: 45.027 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

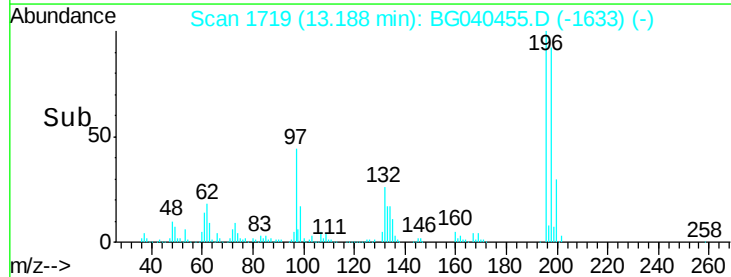
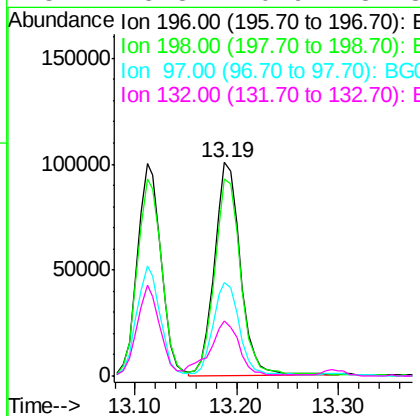
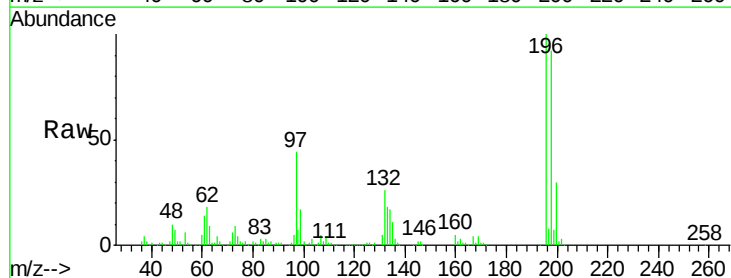
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	162285
Ion	Ratio	Lower	Upper
196	100		
198	92.9	78.3	117.5
200	30.1	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.675 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	196	Resp	179433
Ion	Ratio	Lower	Upper
196	100		
198	92.3	75.0	112.6
97	43.8	37.3	55.9
132	25.8	20.9	31.3

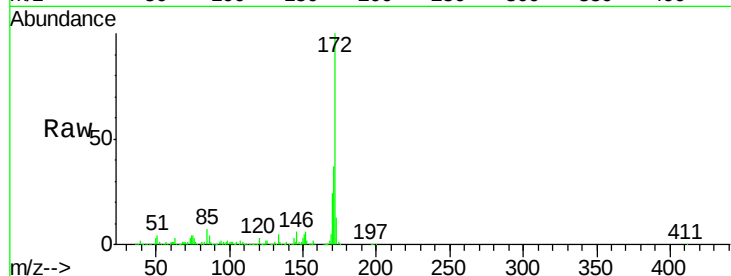




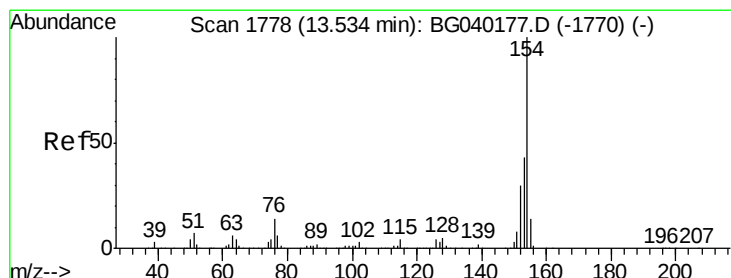
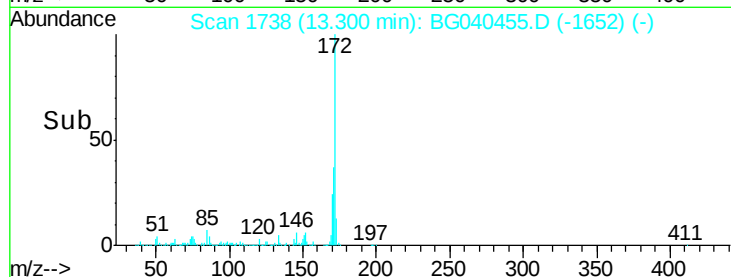
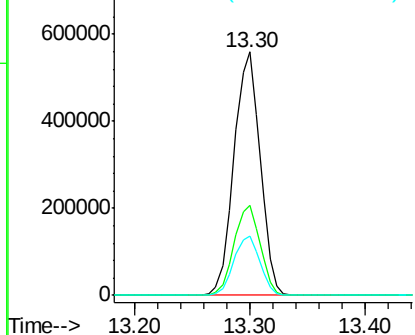
#45
2-Fluorobiphenyl
Concen: 74.046 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.3	20.1	30.1

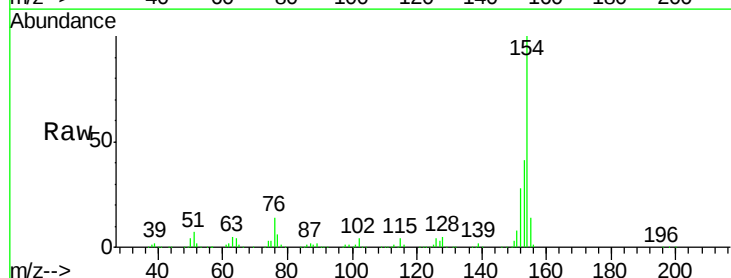


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

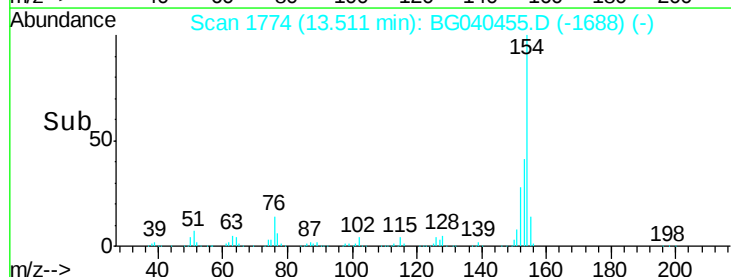
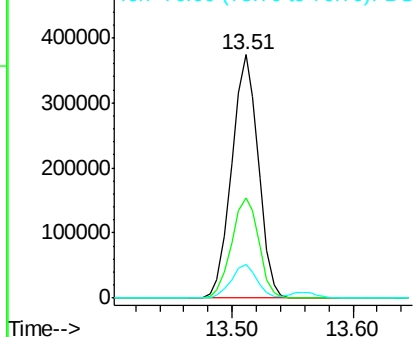


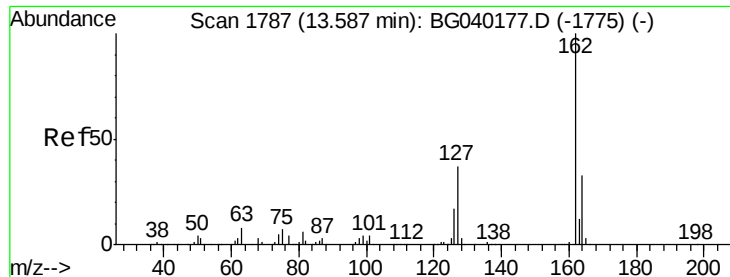
#46
1,1'-Biphenyl
Concen: 41.184 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.5	62.5
76	13.8	0.0	33.7



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

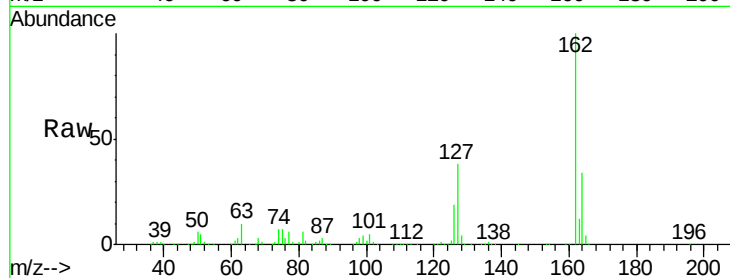




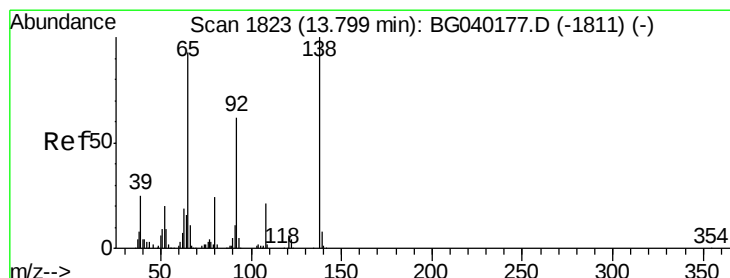
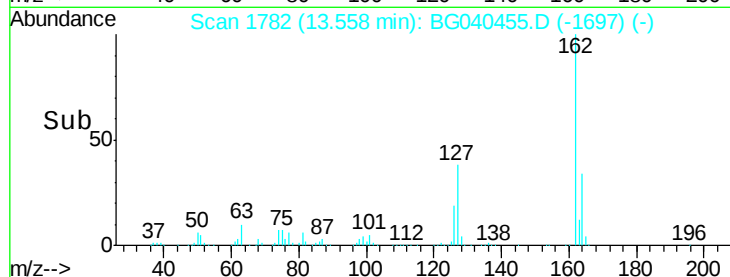
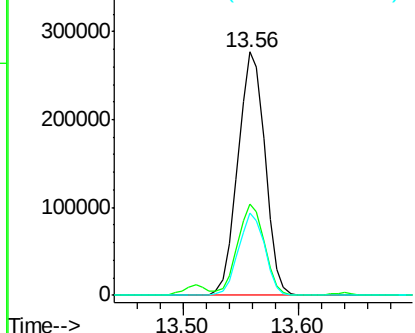
#47
 2-Chloronaphthalene
 Concen: 42.322 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.6	45.8
164	33.9	26.2	39.4

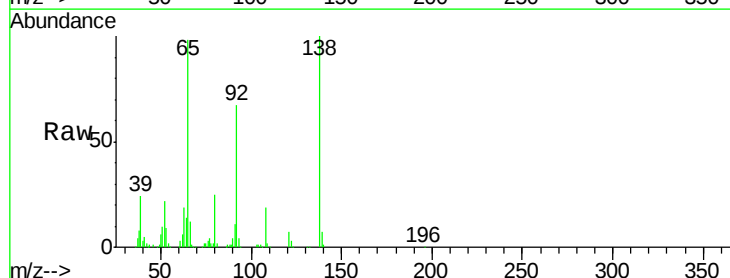


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

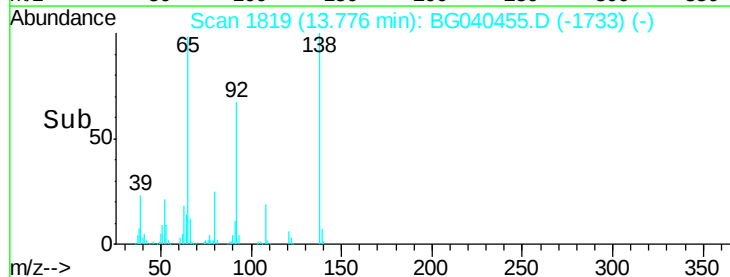
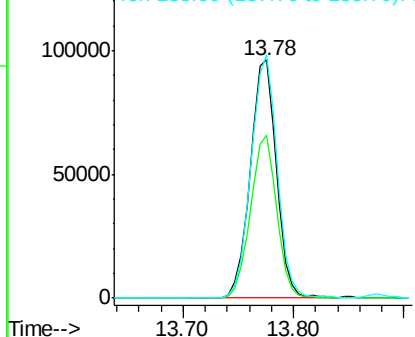


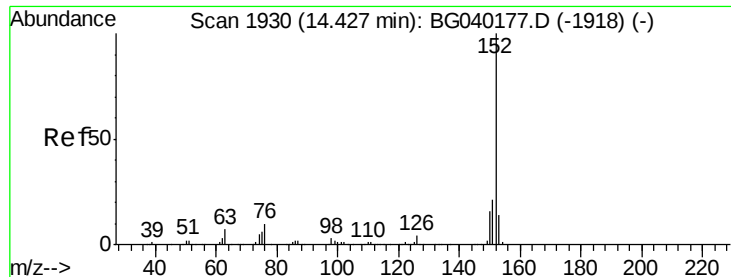
#48
 2-Nitroaniline
 Concen: 44.565 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.8	80.6
138	102.3	86.3	129.5



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





#49

Acenaphthylene

Concen: 40.983 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

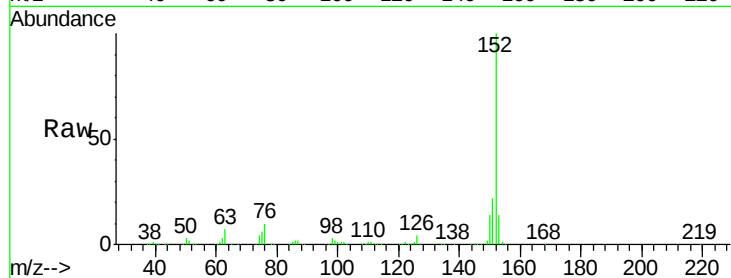
Tot Ion:152 Resp: 740718

Ion Ratio Lower Upper

152 100

151 22.1 17.0 25.6

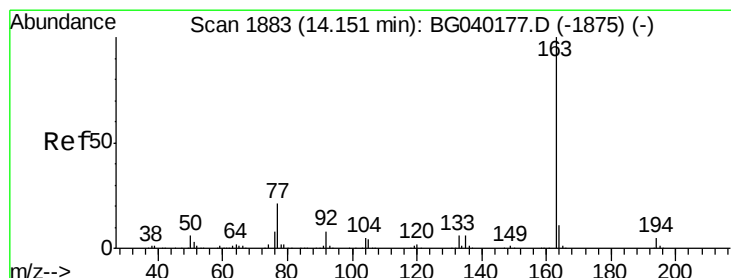
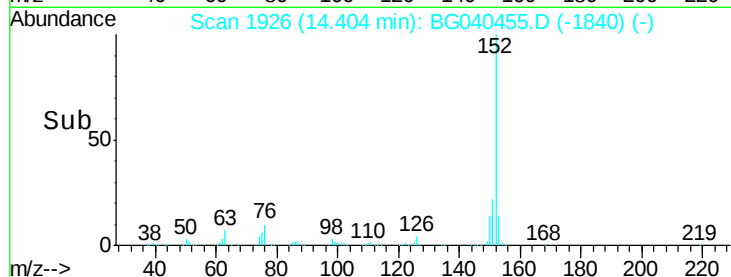
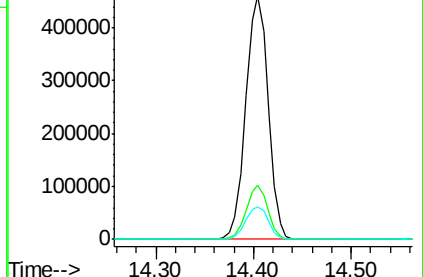
153 13.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.573 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

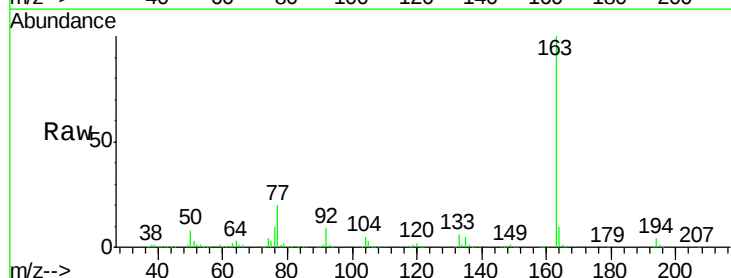
Tgt Ion:163 Resp: 599793

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

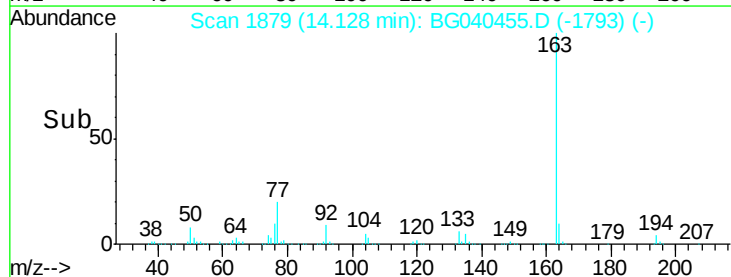
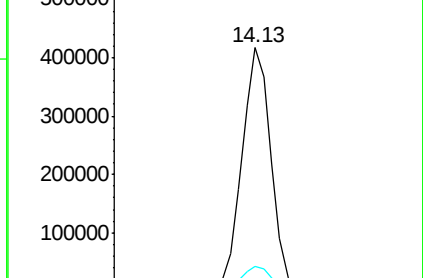
164 10.2 8.6 13.0

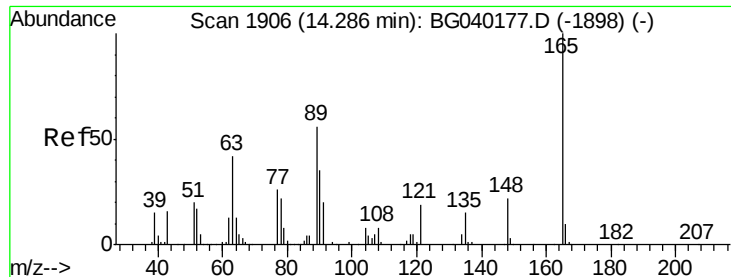


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

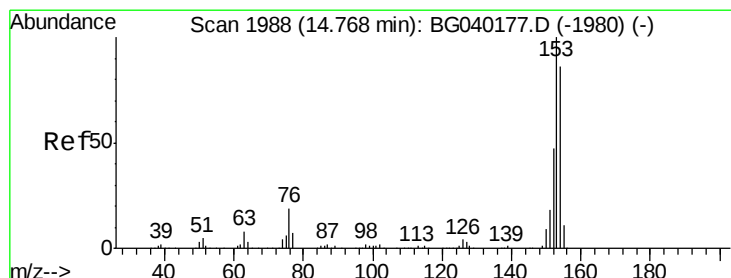
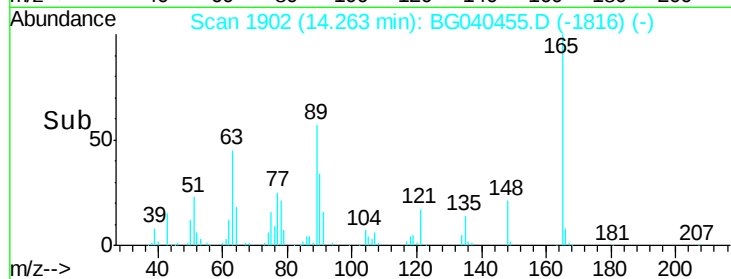
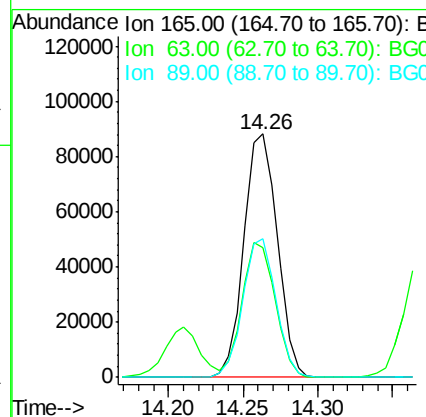
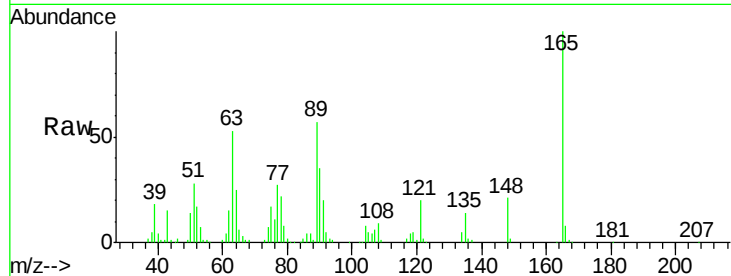




#51
 2,6-Dinitrotoluene
 Concen: 44.282 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

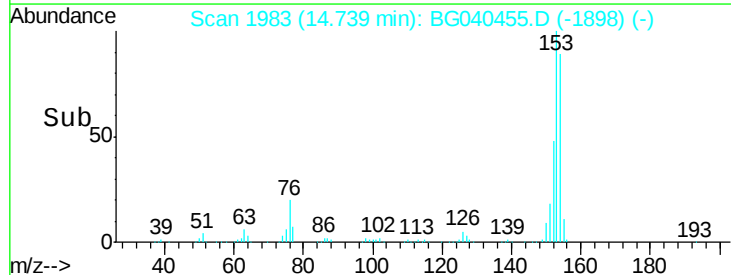
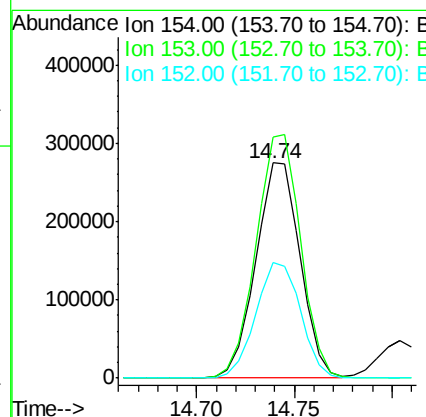
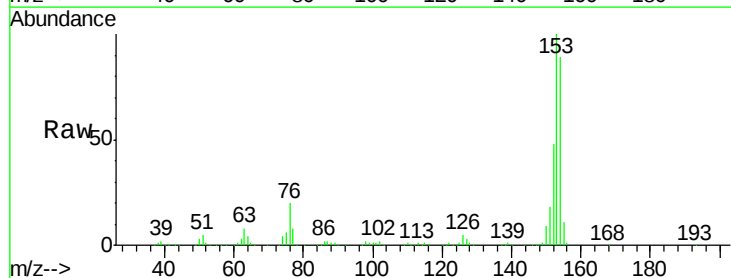
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 136868
 Ion Ratio Lower Upper
 165 100
 63 53.5 44.1 66.1
 89 57.2 44.9 67.3



#52
 Acenaphthene
 Concen: 41.691 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion:154 Resp: 431773
 Ion Ratio Lower Upper
 154 100
 153 112.2 92.8 139.2
 152 53.7 43.4 65.2





#53

3-Nitroaniline

Concen: 33.117 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

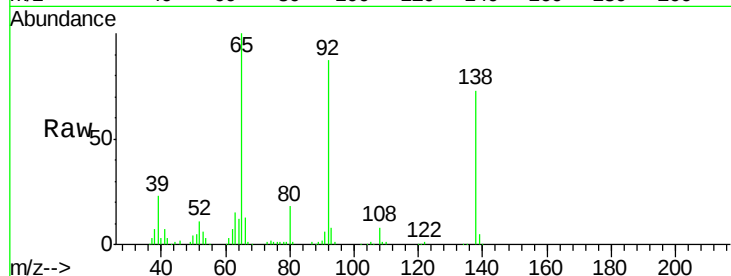
Tot Ion:138 Resp: 108351

Ion Ratio Lower Upper

138 100

108 11.2 7.8 11.8

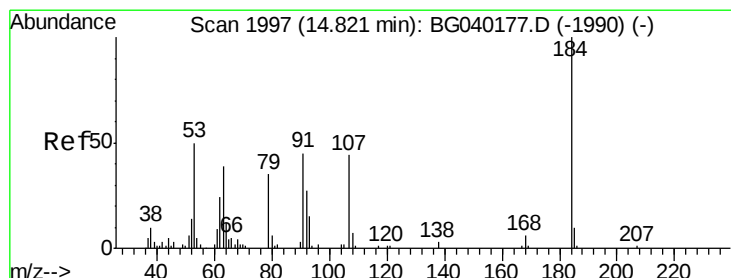
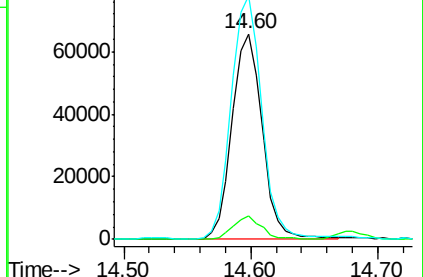
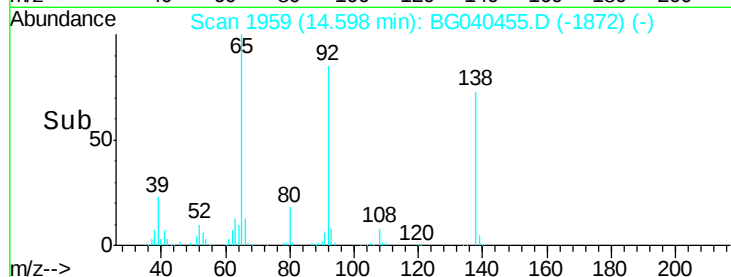
92 118.5 87.5 131.3



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: 83.958 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

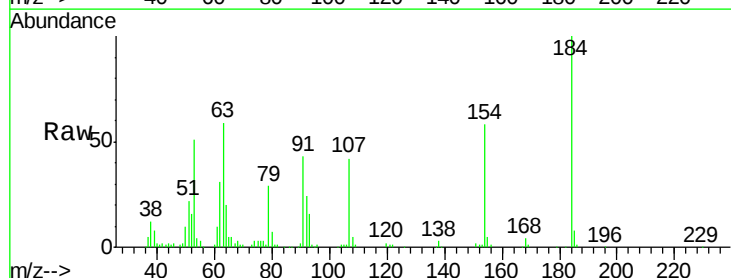
Tgt Ion:184 Resp: 138007

Ion Ratio Lower Upper

184 100

63 59.5 51.8 77.8

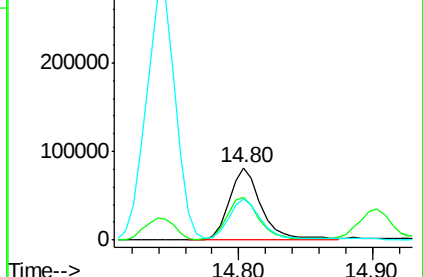
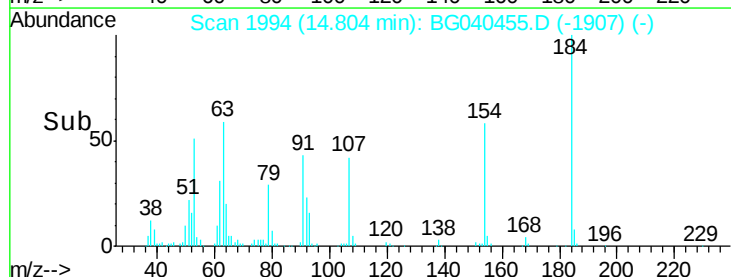
154 57.7 50.9 76.3

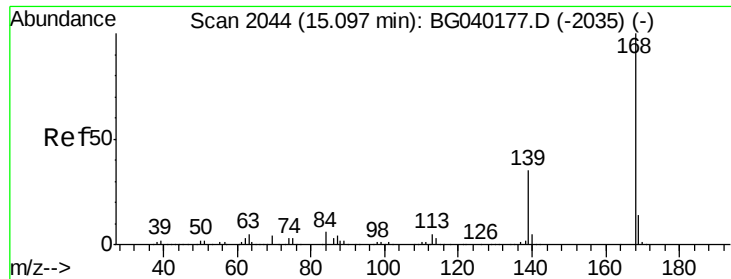


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

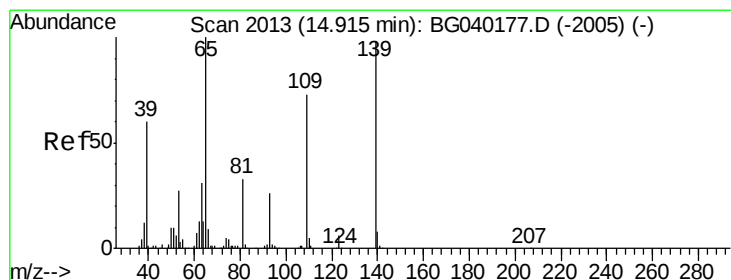
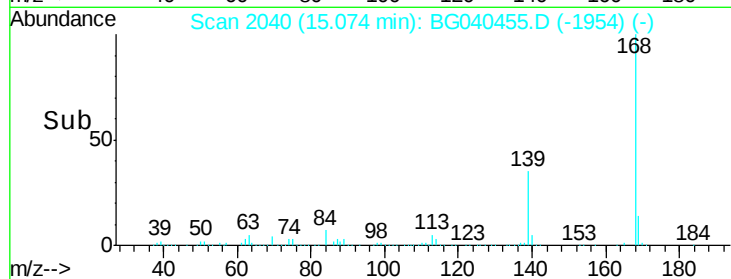
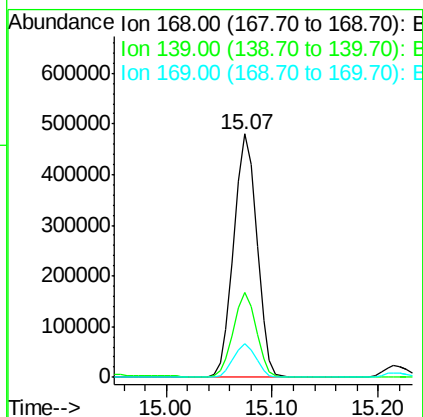
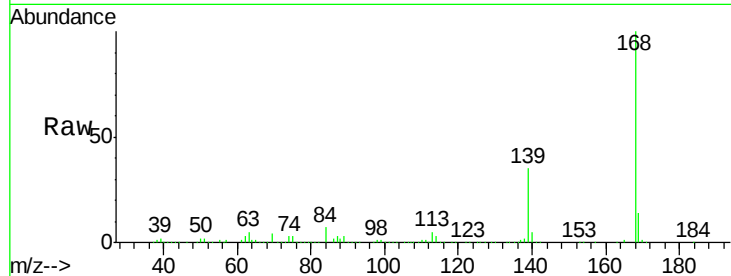




#55
Dibenzofuran
Concen: 43.597 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

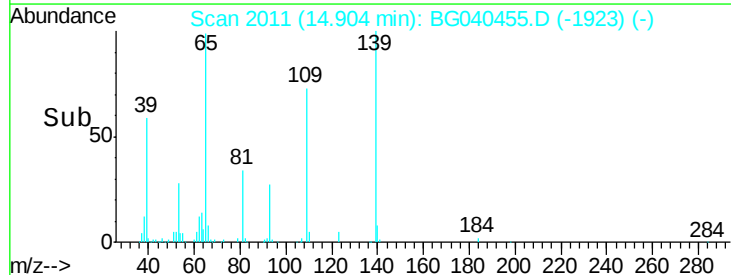
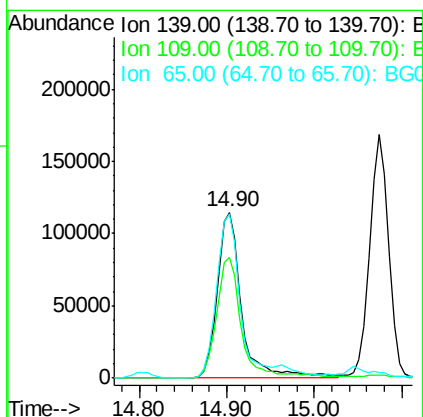
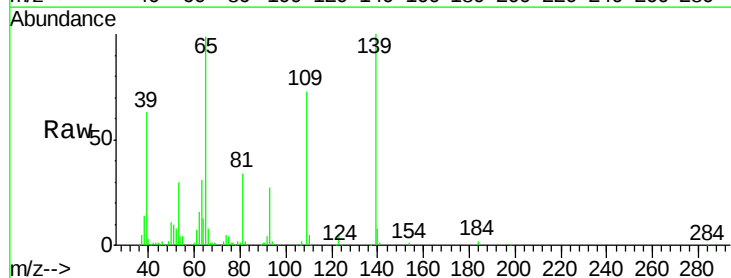
Instrument :
BNA_G
ClientSampleId :

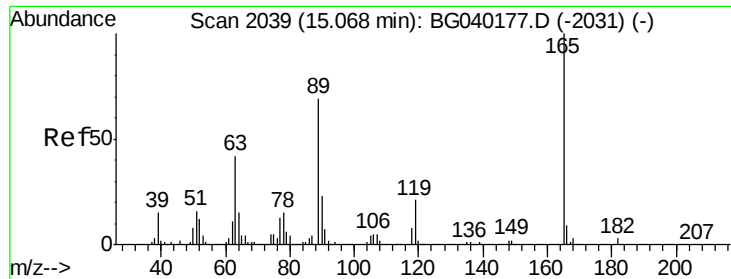
Tot Ion:168 Resp: 725525
Ion Ratio Lower Upper
168 100
139 35.1 27.9 41.9
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 83.988 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:139 Resp: 221775
Ion Ratio Lower Upper
139 100
109 73.0 54.3 94.3
65 99.3 82.5 122.5

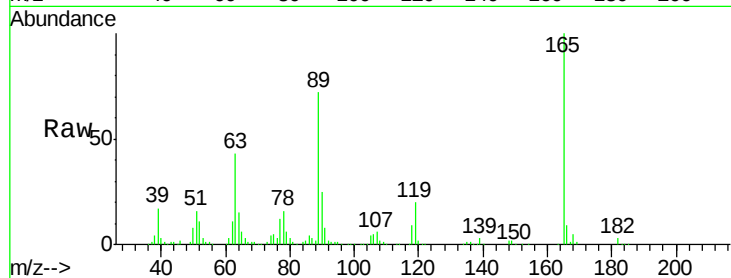




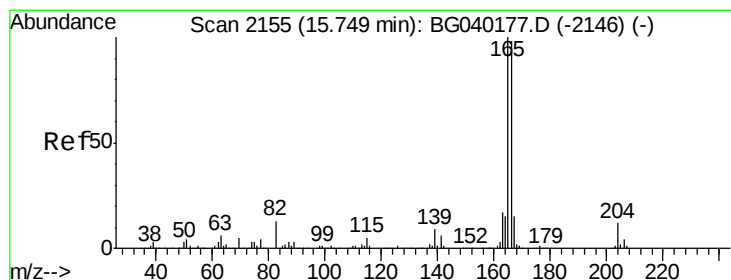
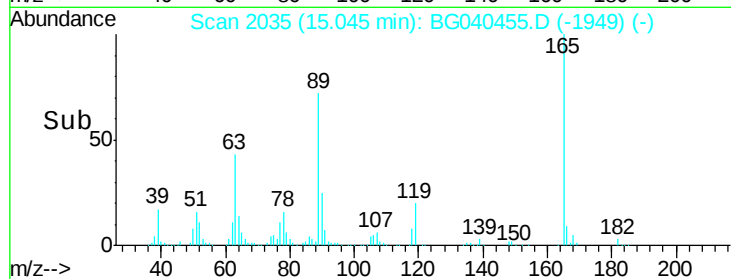
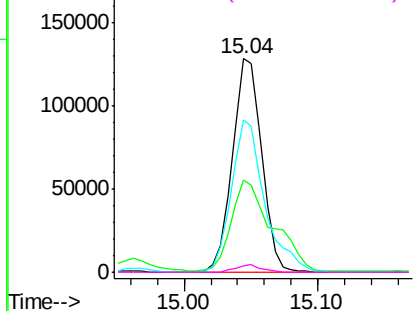
#57
 2,4-Dinitrotoluene
 Concen: 45.703 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	196280
Ion	Ratio	Lower	Upper
165	100		
63	43.3	33.8	50.6
89	71.5	55.4	83.2
182	3.1	2.2	3.4

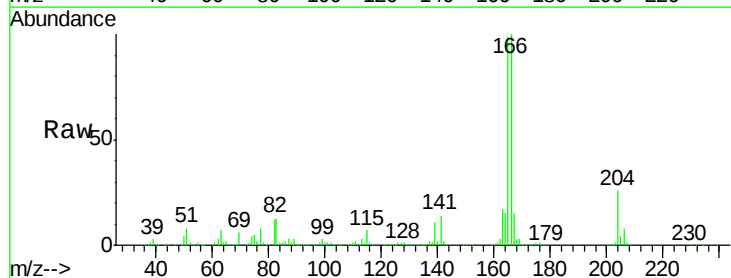


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

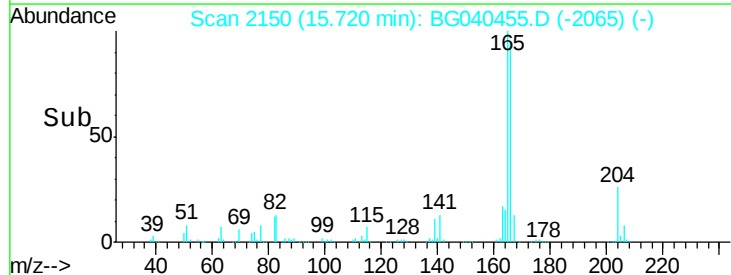
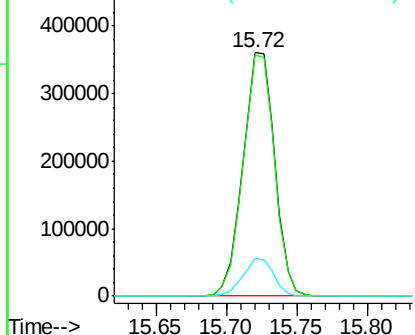


#58
 Fluorene
 Concen: 43.253 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion:	166	Resp:	565914
Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.7	122.5
167	15.4	11.9	17.9



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

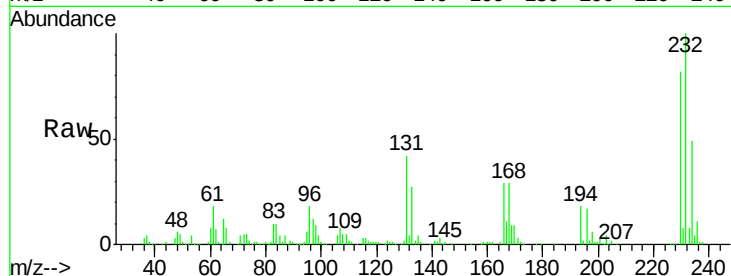




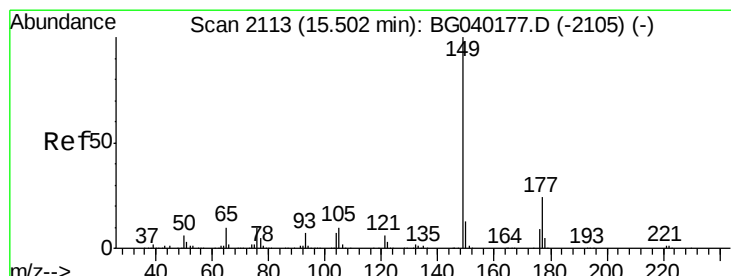
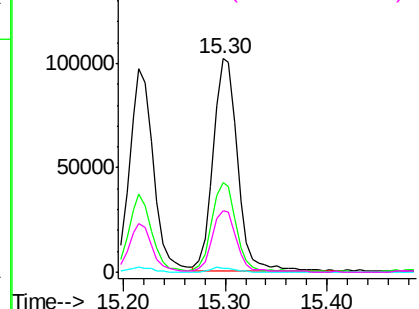
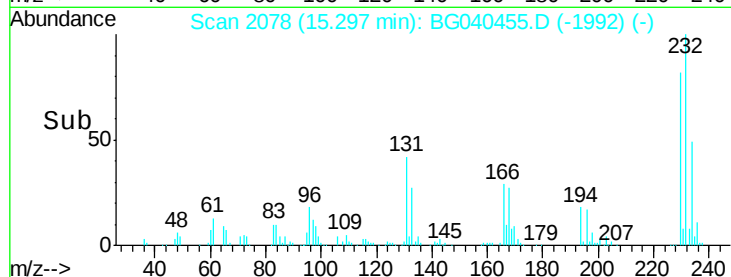
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.668 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	169931
Ion	Ratio	Lower	Upper
232	100		
131	42.0	32.9	49.3
130	2.5	1.8	2.8
166	29.1	23.5	35.3

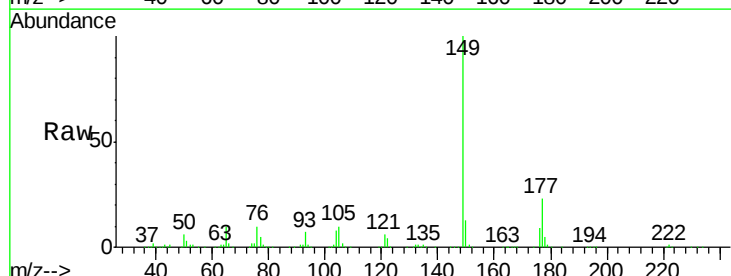


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

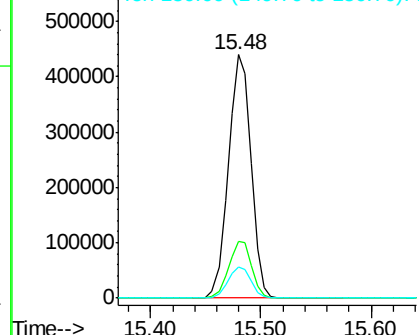
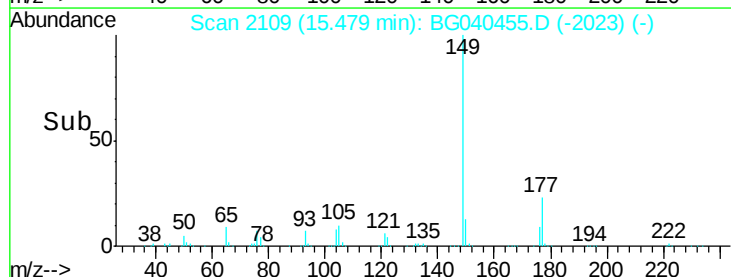


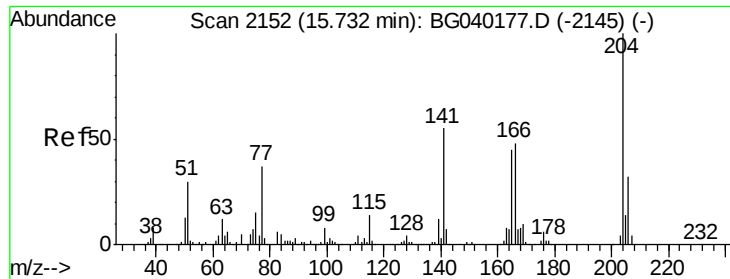
#60
 Diethylphthalate
 Concen: 44.736 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion:	149	Resp:	630150
Ion	Ratio	Lower	Upper
149	100		
177	23.3	19.1	28.7
150	12.9	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

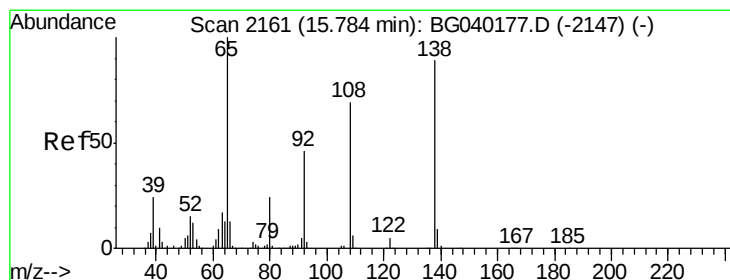
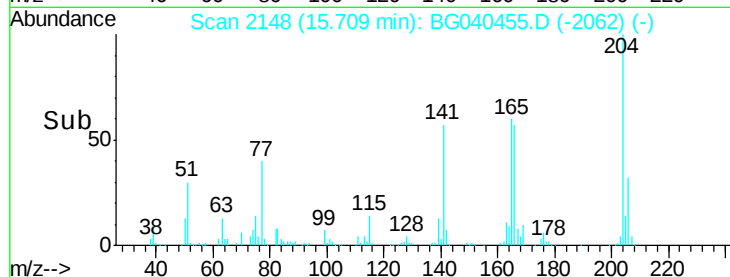
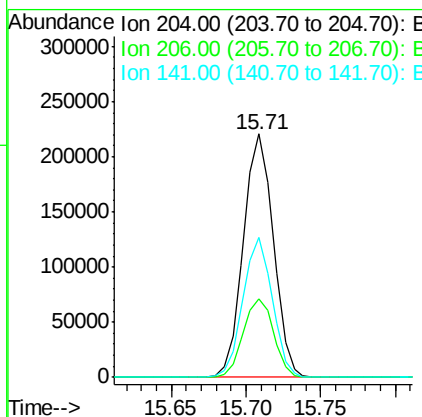
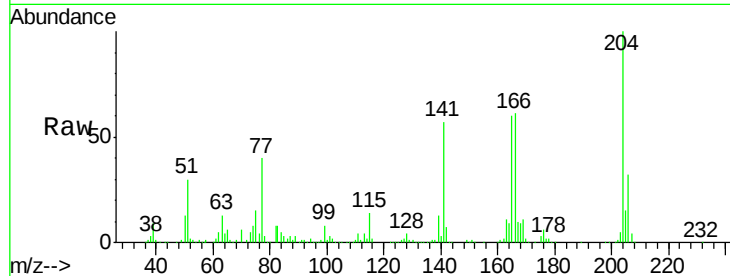




#61
 4-Chlorophenyl-phenylether
 Concen: 43.742 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

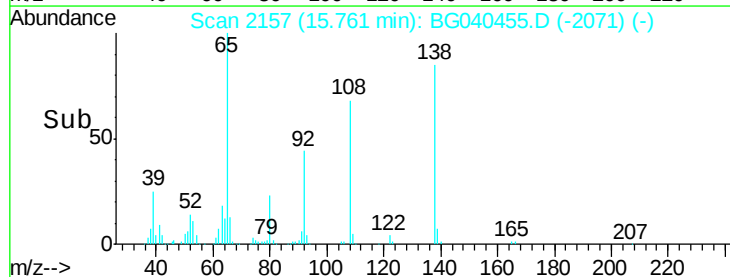
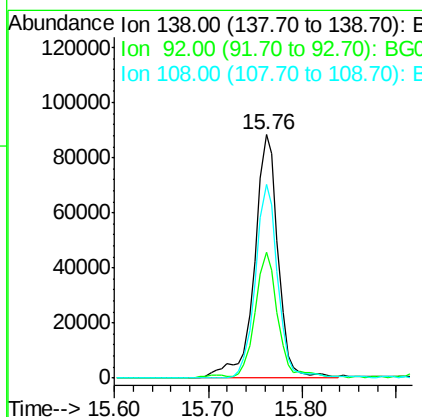
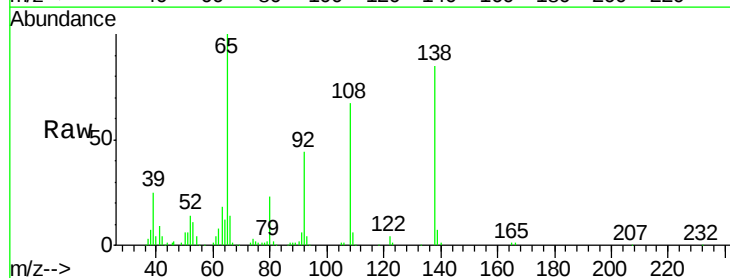
Instrument :
 BNA_G
 ClientSampleID :

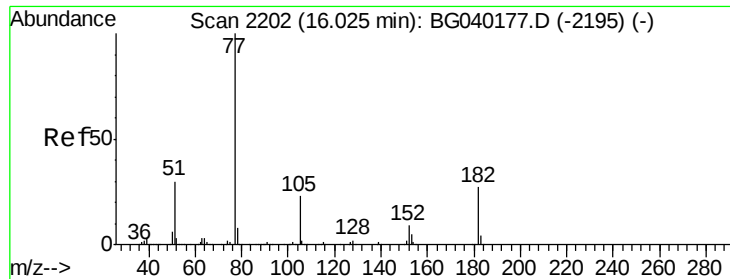
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.7	38.5
141	57.4	44.0	66.0



#62
 4-Nitroaniline
 Concen: 43.884 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.8	71.8
108	79.6	57.2	97.2





#63

Azobenzene

Concen: 43.384 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 576436

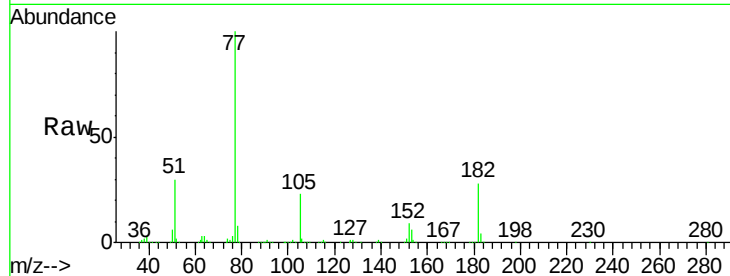
Ion Ratio Lower Upper

77 100

182 27.9 7.2 47.2

105 22.5 2.8 42.8

51 30.4 10.4 50.4

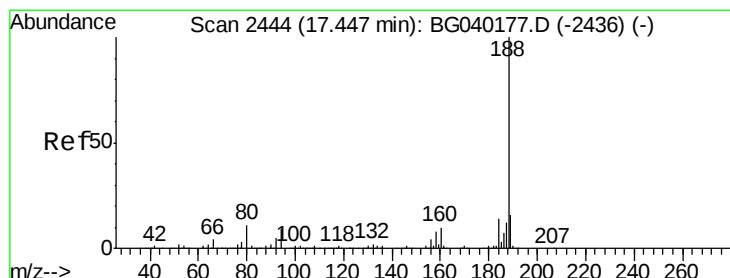
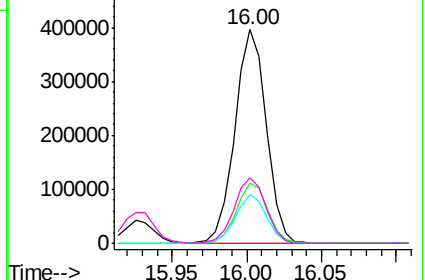
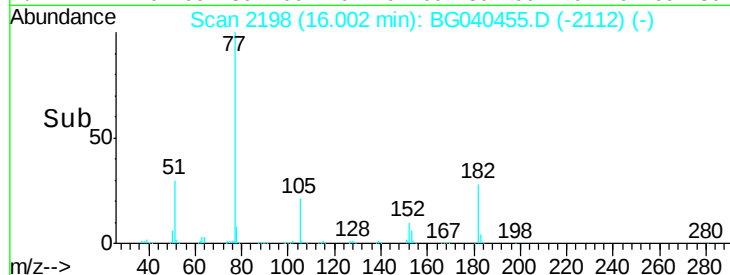


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

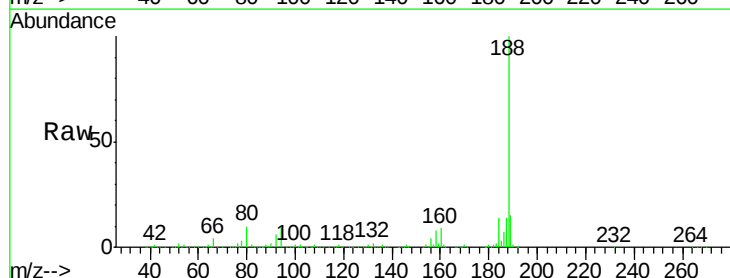
Tgt Ion: 188 Resp: 443438

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

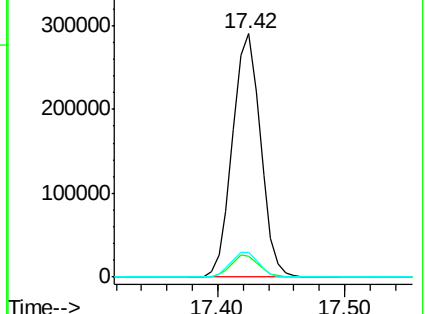
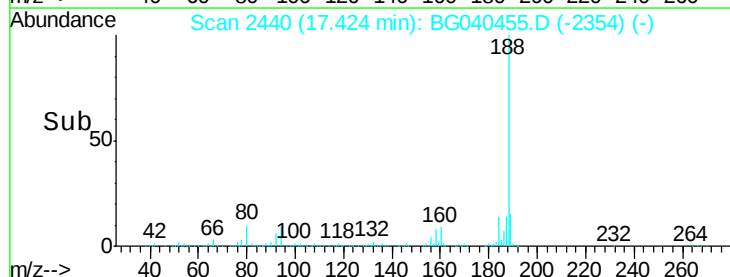
80 10.1 8.6 13.0

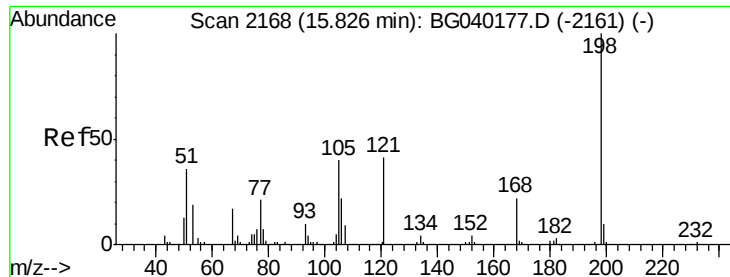


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 43.637 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampled :

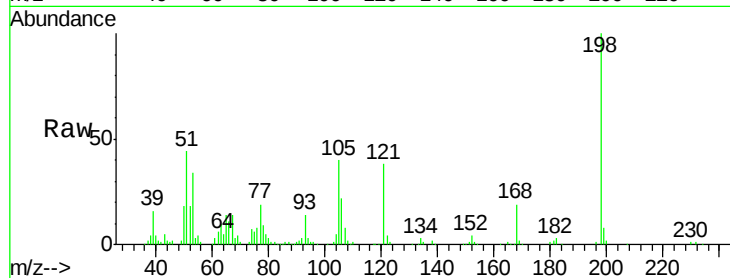
Tot Ion:198 Resp: 108713

Ion Ratio Lower Upper

198 100

51 43.9 27.3 67.3

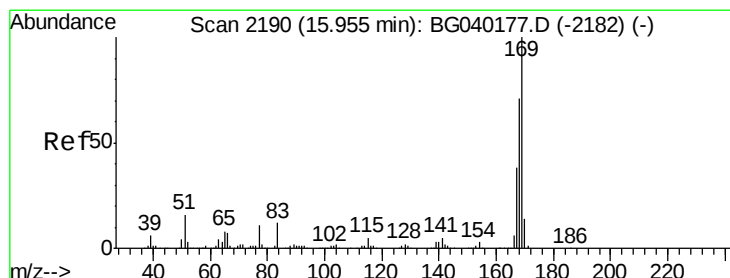
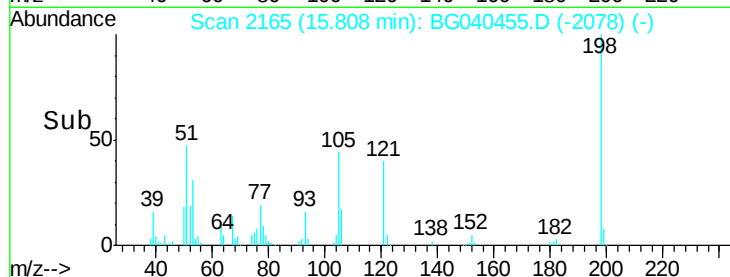
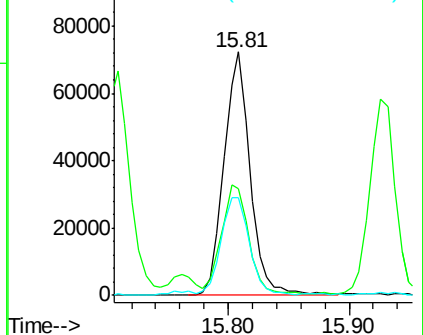
105 40.3 21.7 61.7



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: 41.578 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

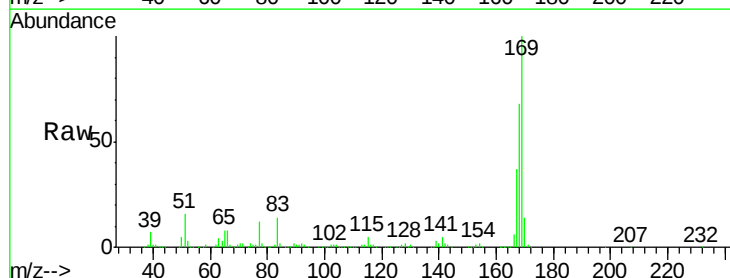
Tgt Ion:169 Resp: 539524

Ion Ratio Lower Upper

169 100

168 68.2 56.8 85.2

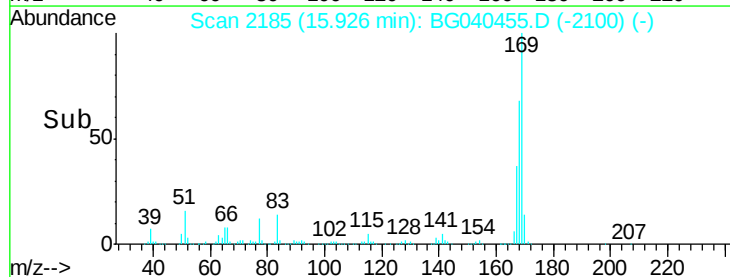
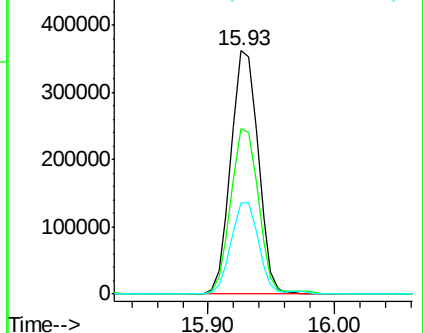
167 37.3 30.2 45.4



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

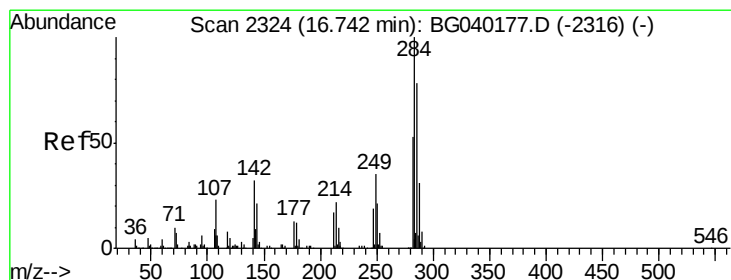
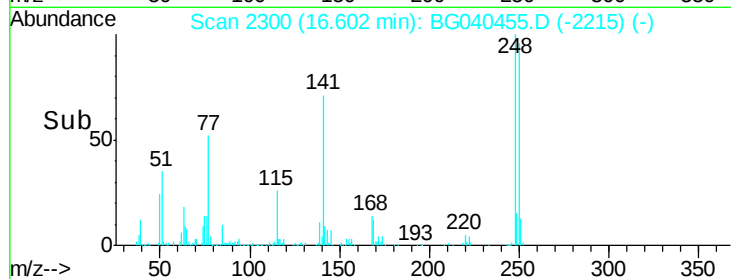
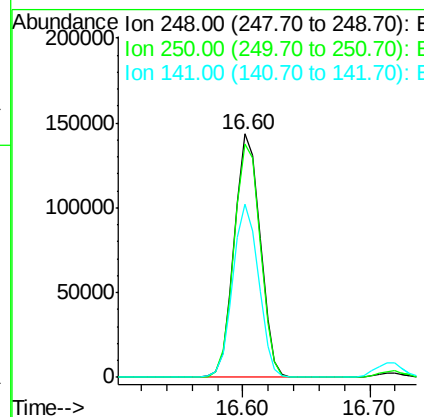
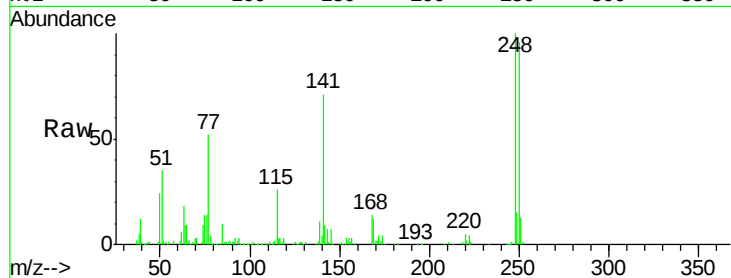




#67
 4-Bromophenyl-phenylether
 Concen: 40.367 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

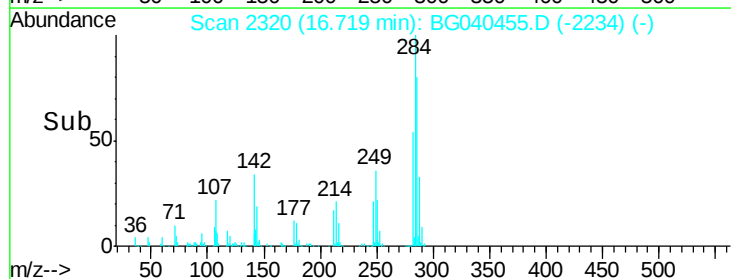
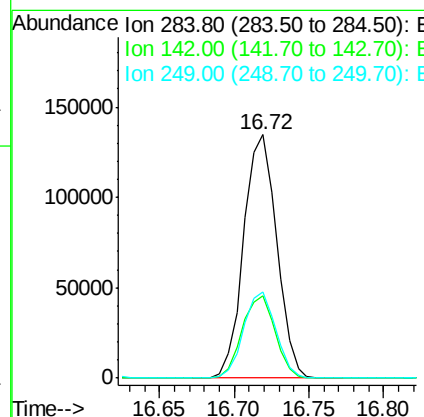
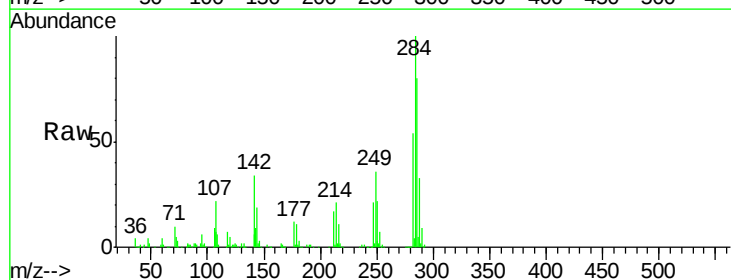
Instrument :
 BNA_G
 ClientSampled :

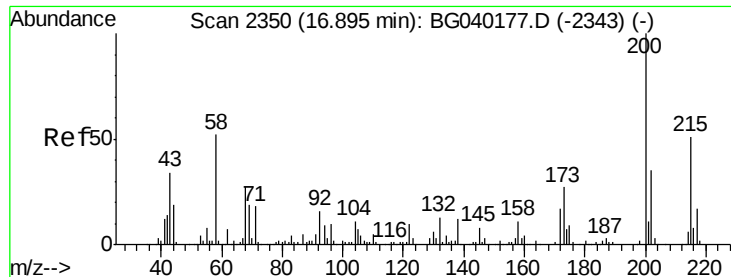
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.4	114.6
141	71.3	53.8	80.8



#68
 Hexachlorobenzene
 Concen: 41.236 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	25.3	37.9
249	35.6	28.2	42.2

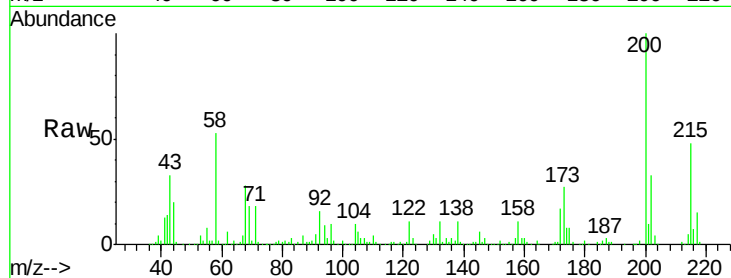




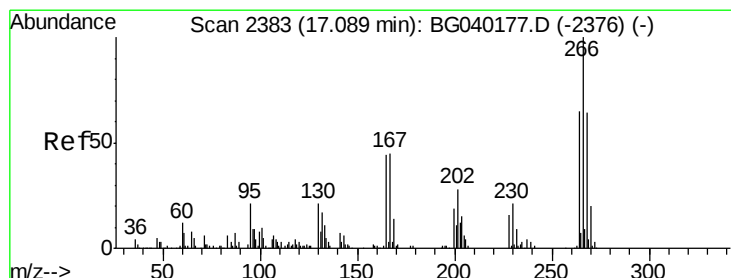
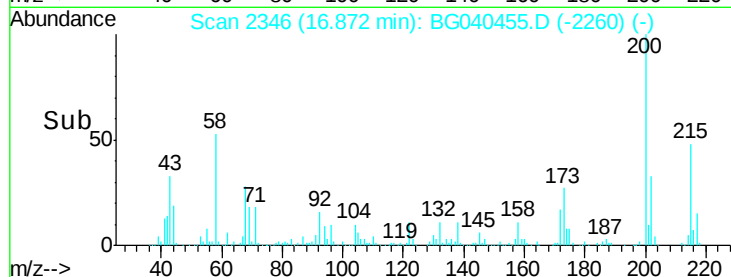
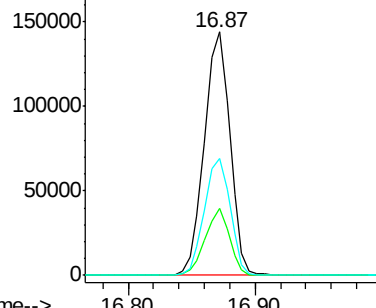
#69
 Atrazine
 Concen: 41.700 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.1	47.1
215	48.0	30.9	70.9

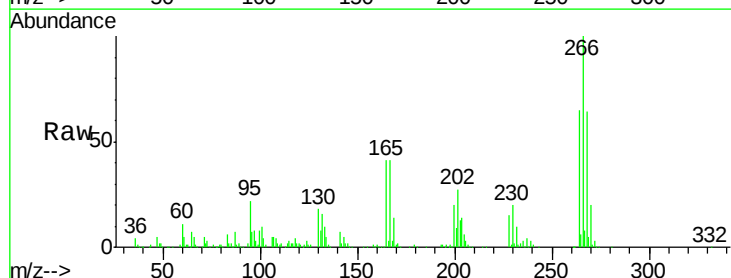


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

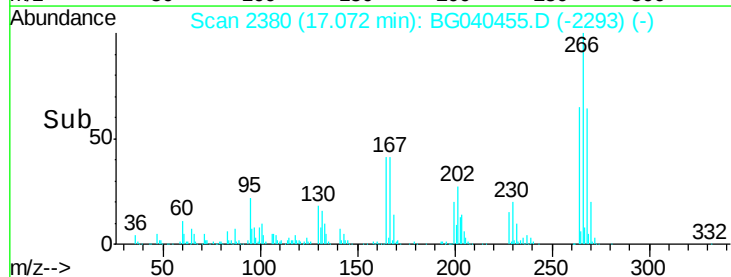
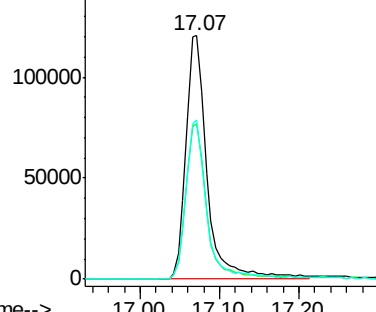


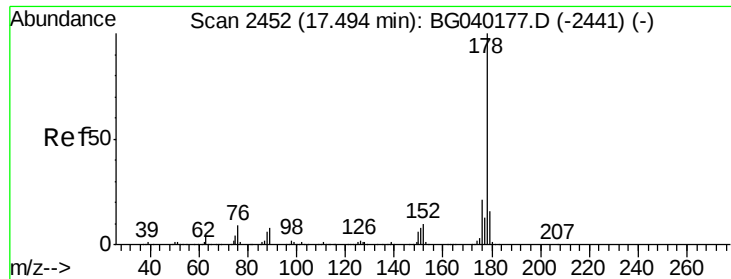
#70
 Pentachlorophenol
 Concen: 77.307 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	55.0	82.4
264	65.1	51.8	77.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

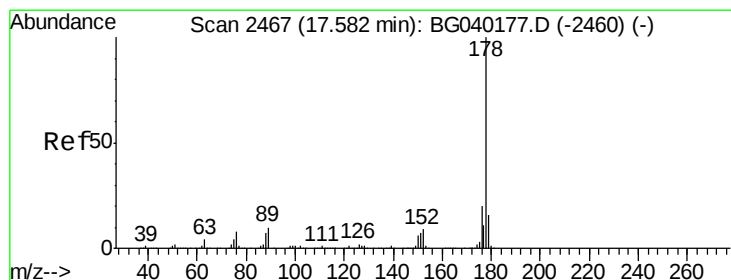
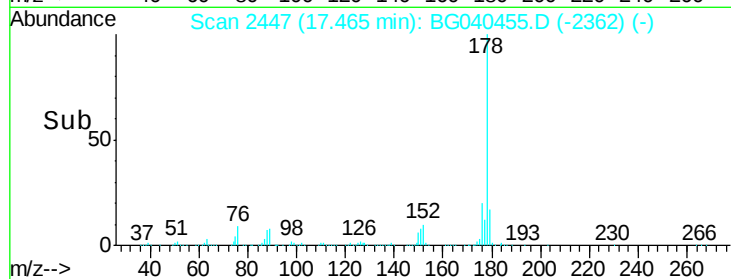
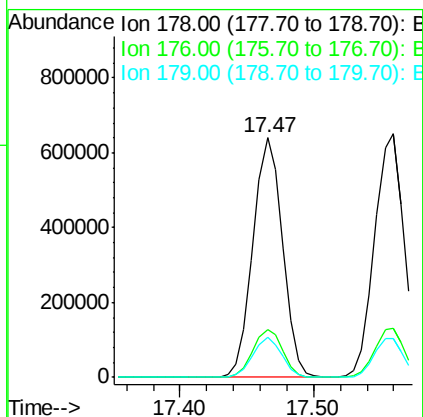
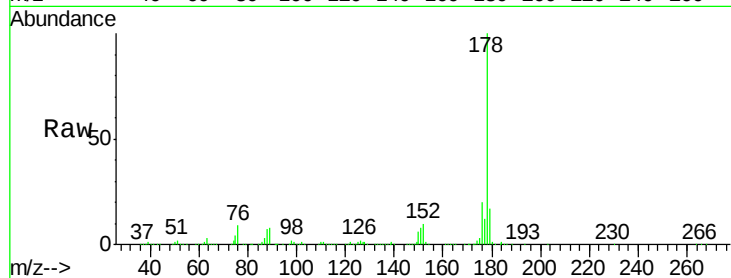




#71
Phenanthrene
Concen: 41.845 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

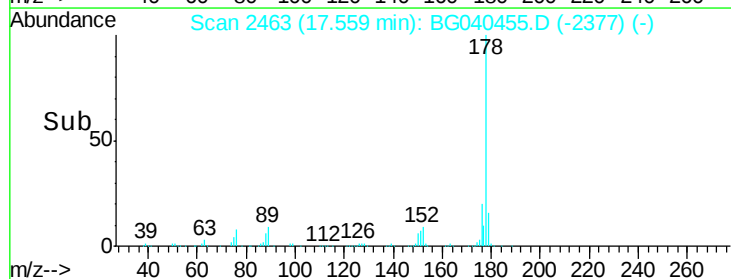
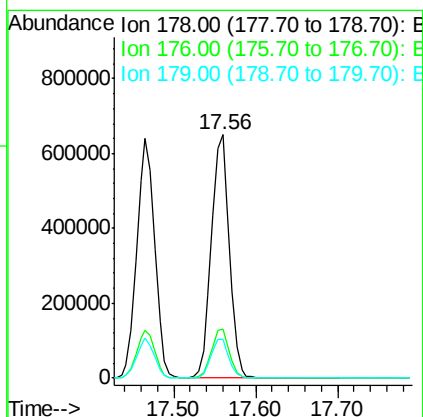
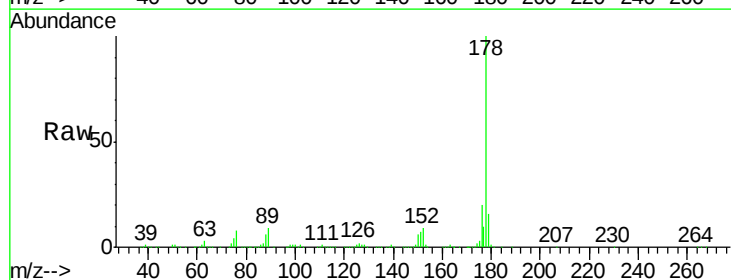
Instrument :
BNA_G
ClientSampleId :

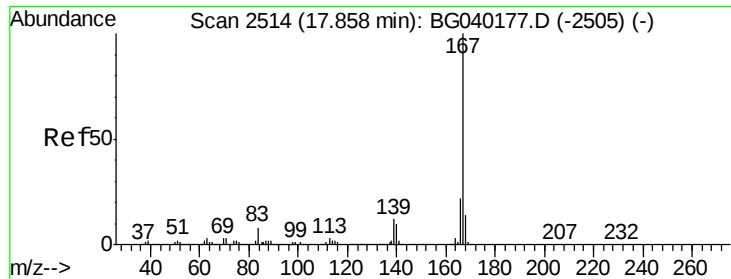
Tot Ion:178 Resp: 975313
Ion Ratio Lower Upper
178 100
176 20.0 16.7 25.1
179 16.5 12.8 19.2



#72
Anthracene
Concen: 42.759 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:178 Resp: 997537
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.2 12.9 19.3





#73

Carbazole

Concen: 42.433 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

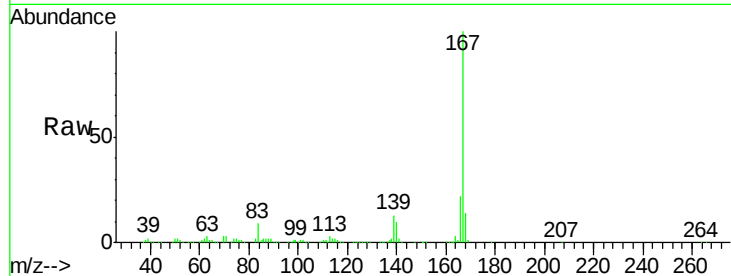
Tot Ion:167 Resp: 936867

Ion Ratio Lower Upper

167 100

166 22.5 17.5 26.3

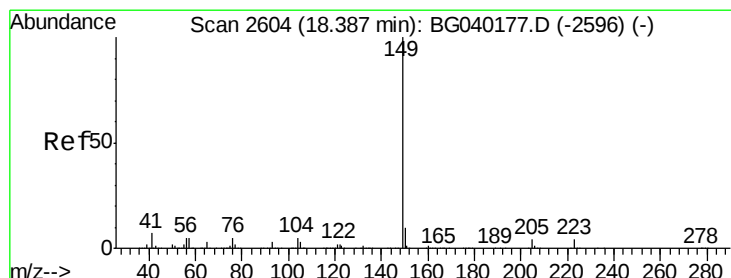
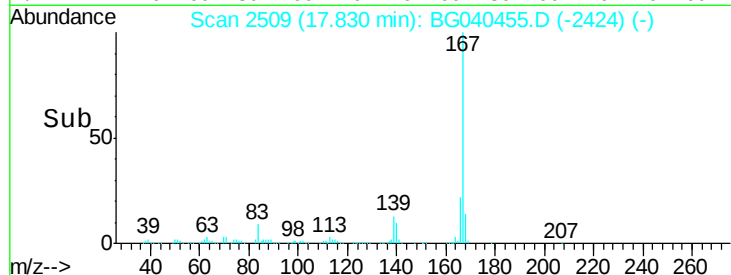
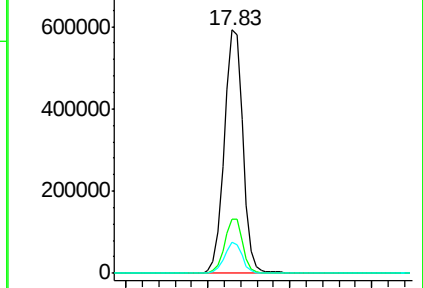
139 12.7 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.330 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

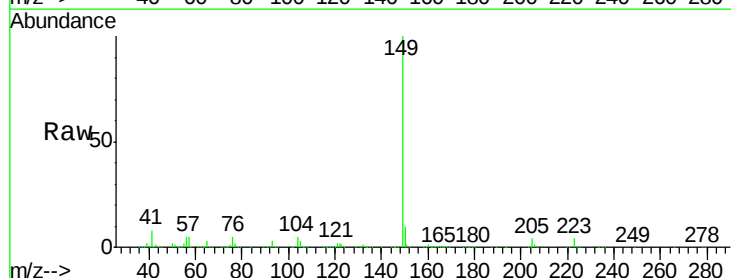
Tgt Ion:149 Resp: 1107818

Ion Ratio Lower Upper

149 100

150 10.2 7.9 11.9

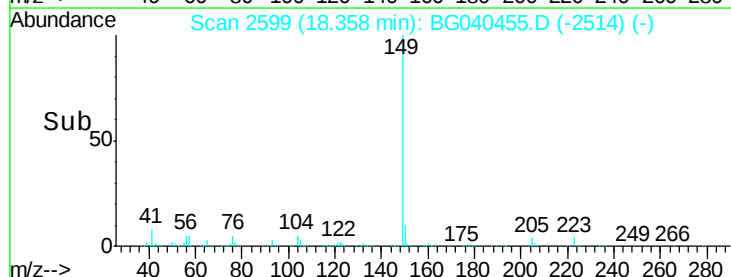
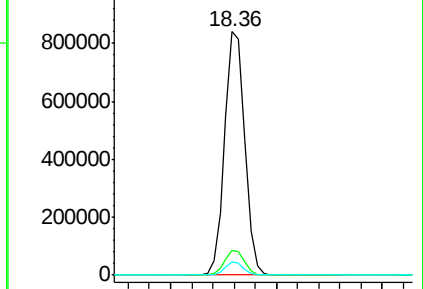
104 5.4 4.1 6.1

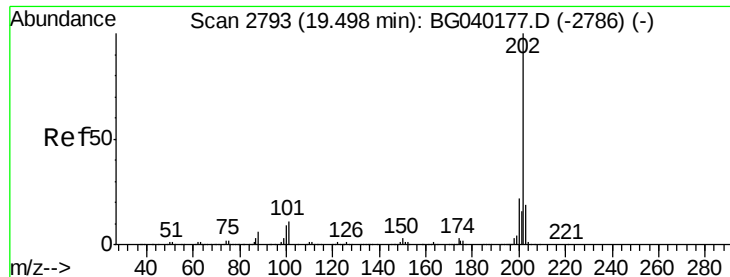


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.069 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

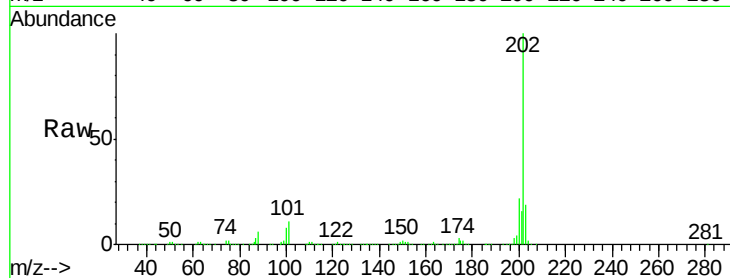
Tot Ion:202 Resp: 1188694

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.8

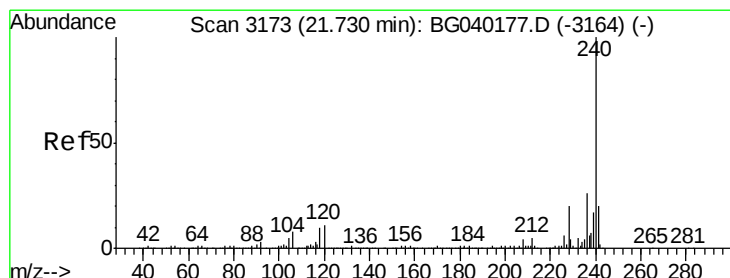
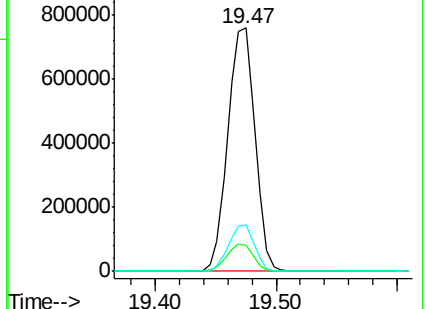
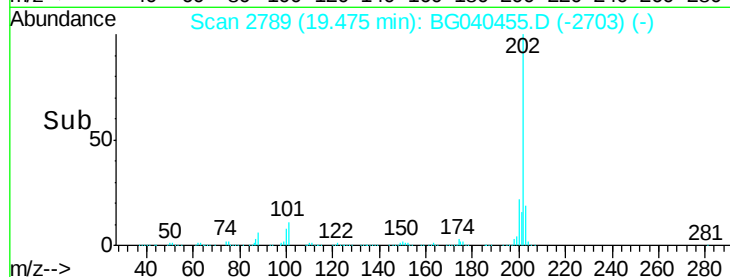
203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

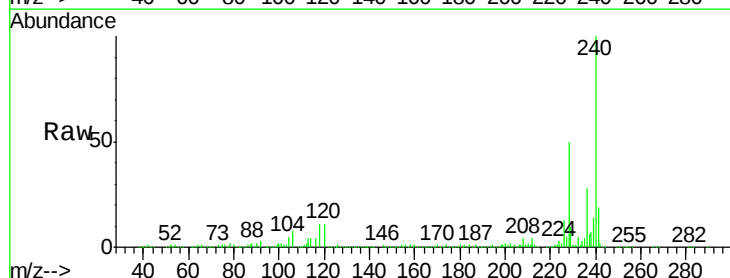
Tgt Ion:240 Resp: 445818

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

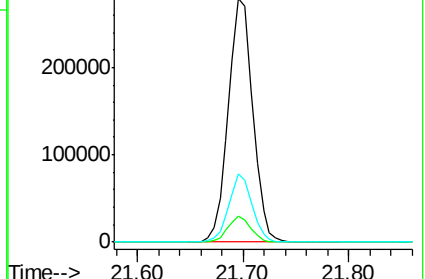
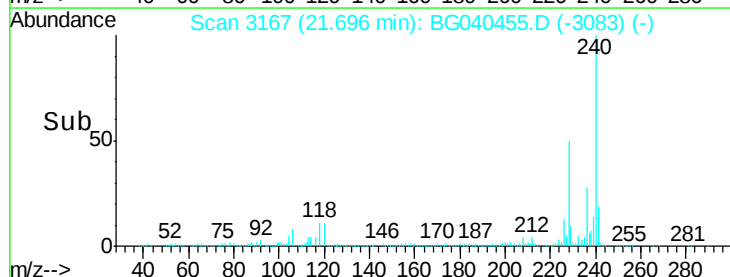
236 27.8 20.8 31.2

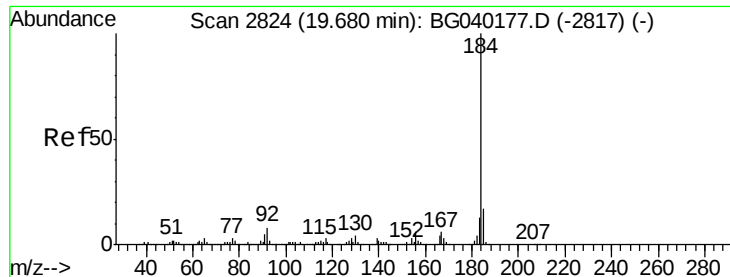


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.033 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

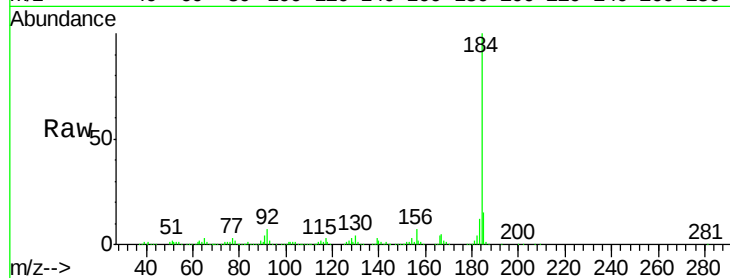
Tot Ion:184 Resp: 435198

Ion Ratio Lower Upper

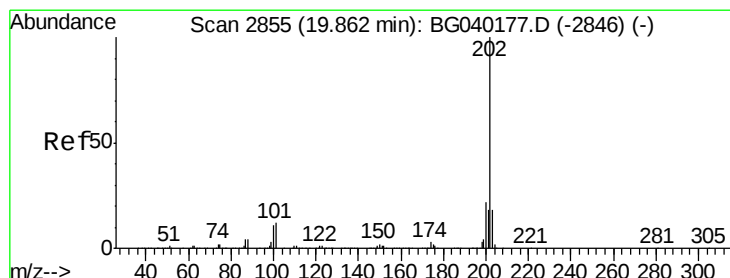
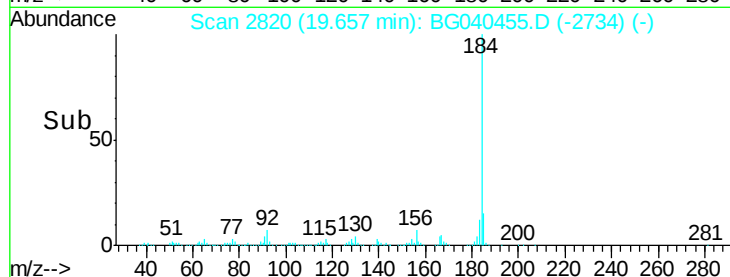
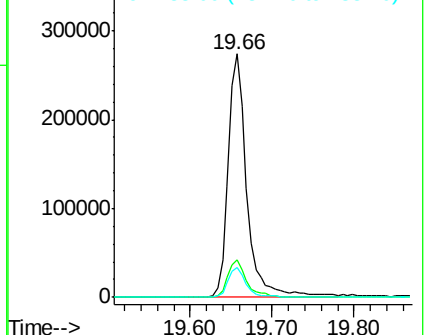
184 100

185 15.3 13.3 19.9

183 12.0 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: 39.563 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

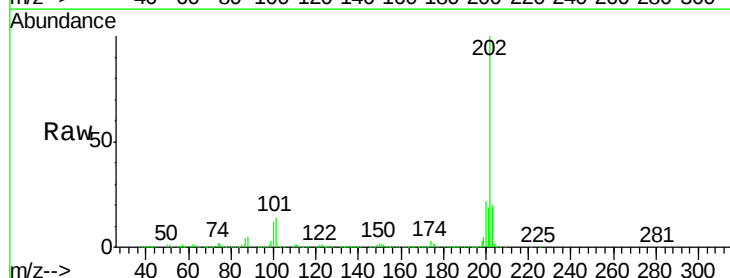
Tgt Ion:202 Resp: 1159888

Ion Ratio Lower Upper

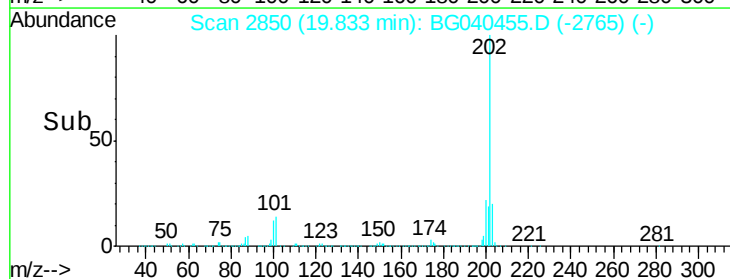
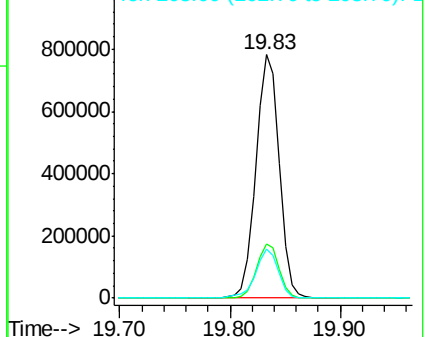
202 100

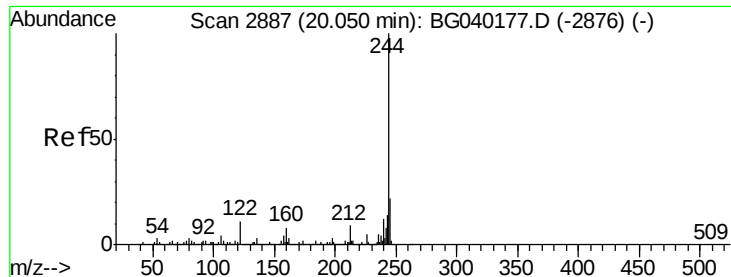
200 22.2 17.3 25.9

203 20.2 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: 71.600 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampled :

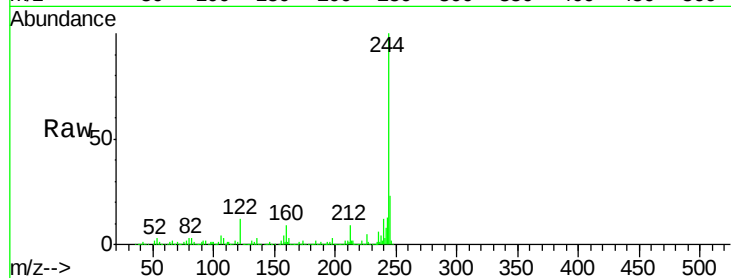
Tot Ion:244 Resp: 1418908

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

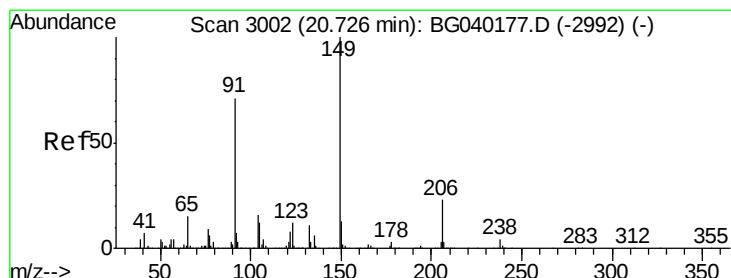
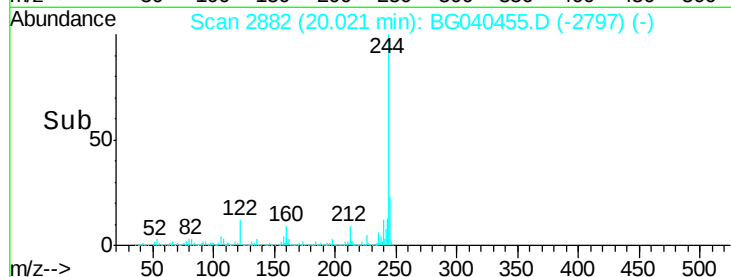
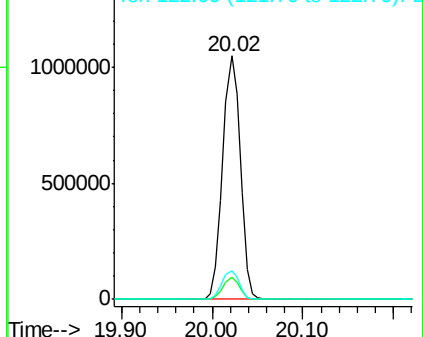
122 11.6 8.5 12.7



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: 42.679 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

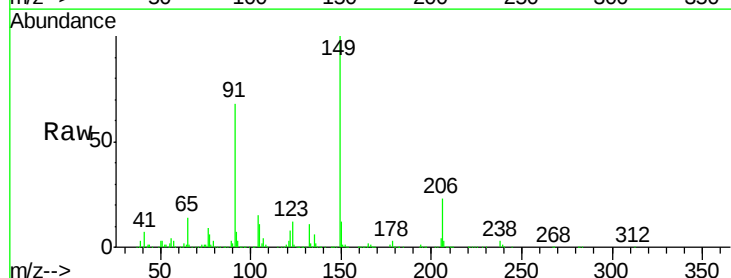
Tgt Ion:149 Resp: 535428

Ion Ratio Lower Upper

149 100

91 68.0 57.0 85.4

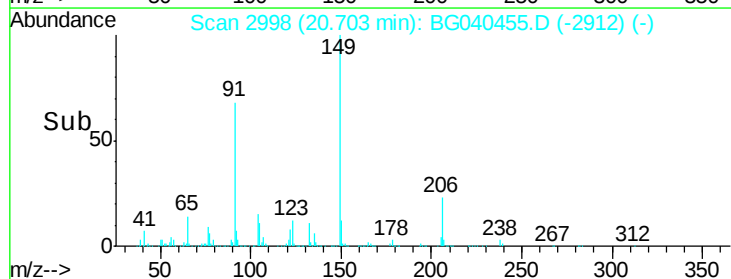
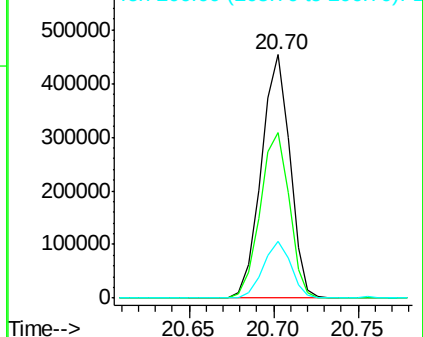
206 23.4 18.2 27.4

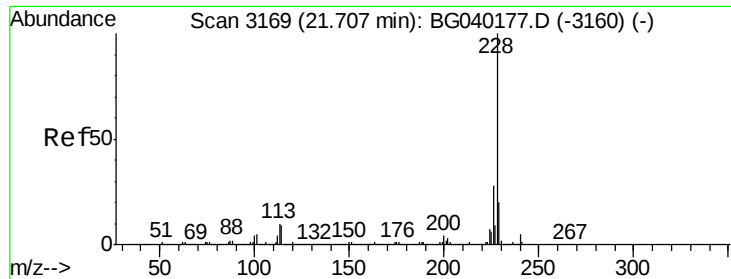


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.298 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

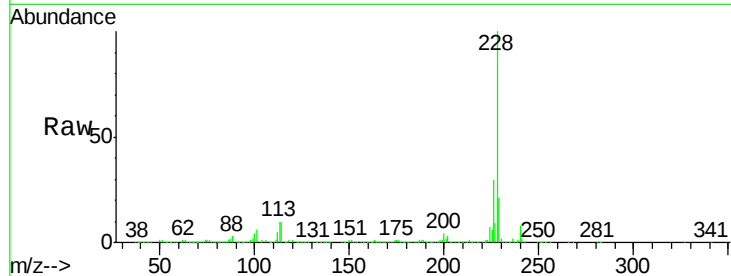
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1079134

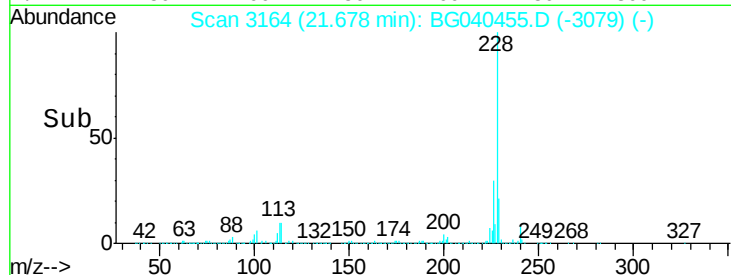
Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	34.0
229	21.4	16.1	24.1



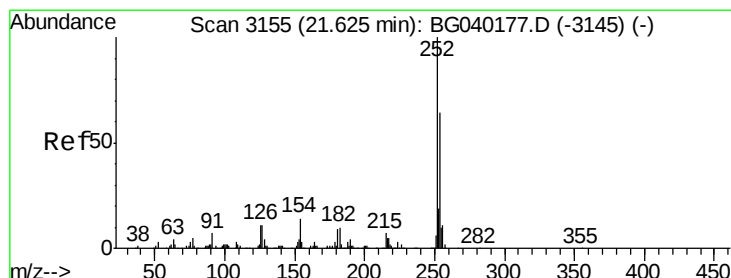
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 31.778 ng

RT: 21.59 min Scan# 3149

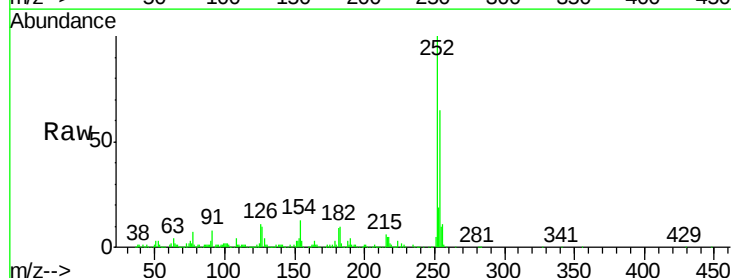
Delta R.T. -0.03 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Tgt Ion:252 Resp: 331955

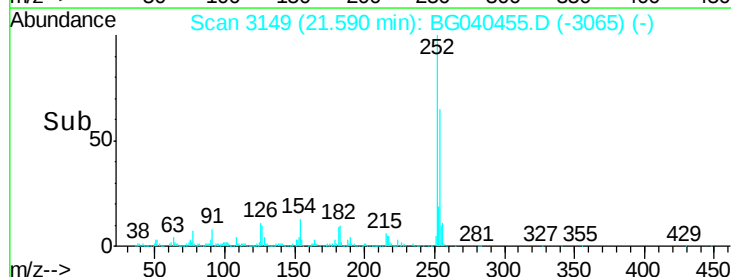
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	11.1	8.5	12.7



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



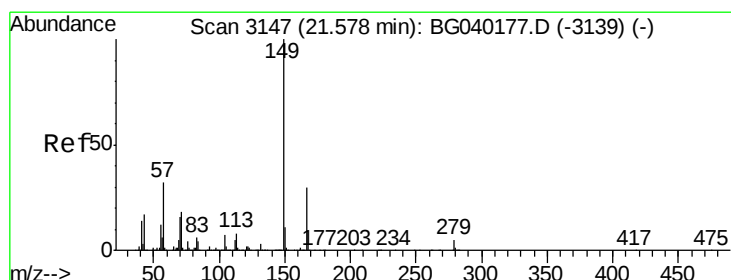
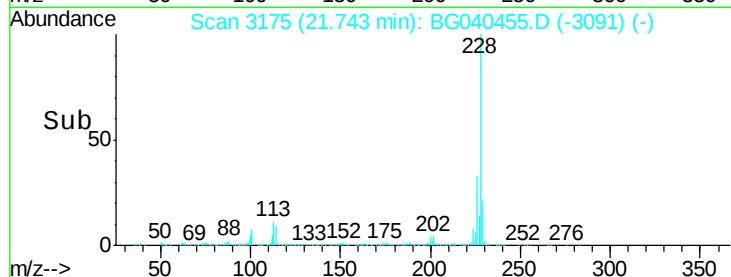
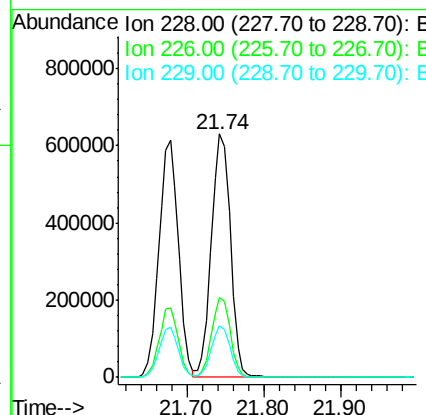
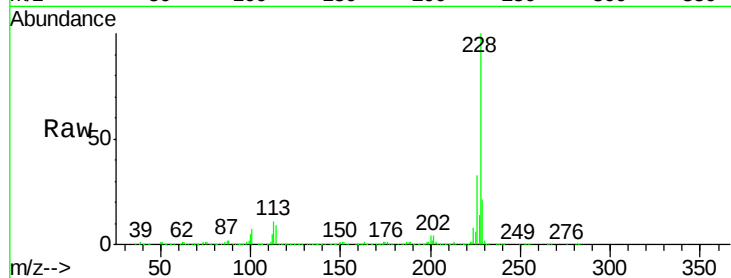
Time-->



#83
 Chrysene
 Concen: 40.758 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

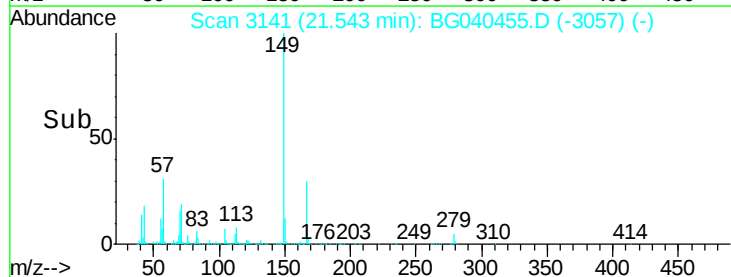
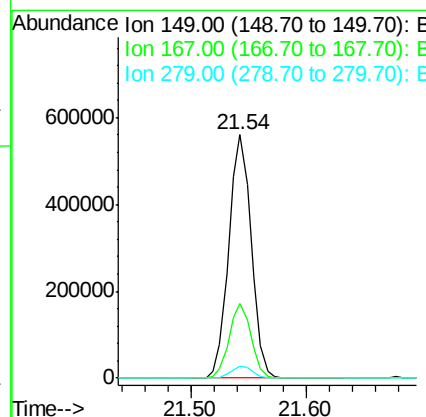
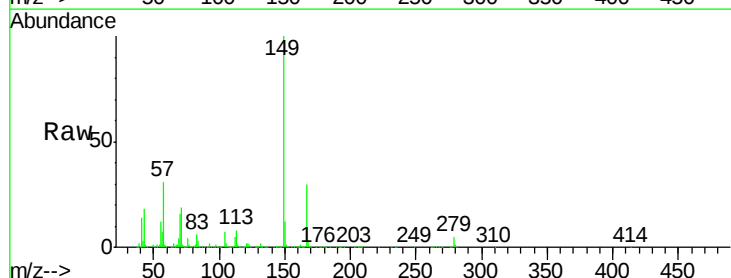
Instrument :
 BNA_G
 ClientSampleId :

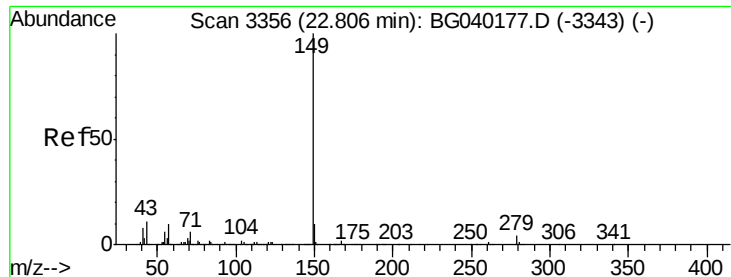
Tot Ion:228 Resp: 1075631
 Ion Ratio Lower Upper
 228 100
 226 32.8 25.4 38.0
 229 21.3 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.078 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040455.D
 Acq: 12 Apr 2019 10:48

Tgt Ion:149 Resp: 754599
 Ion Ratio Lower Upper
 149 100
 167 30.4 24.1 36.1
 279 5.0 4.1 6.1

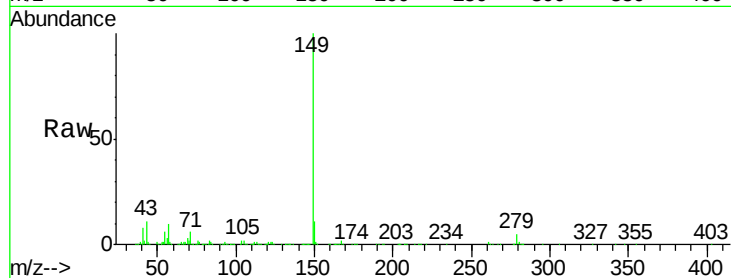




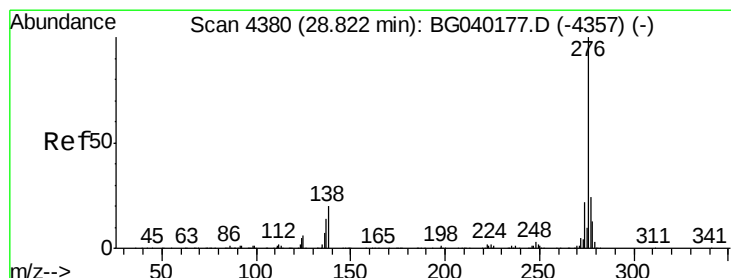
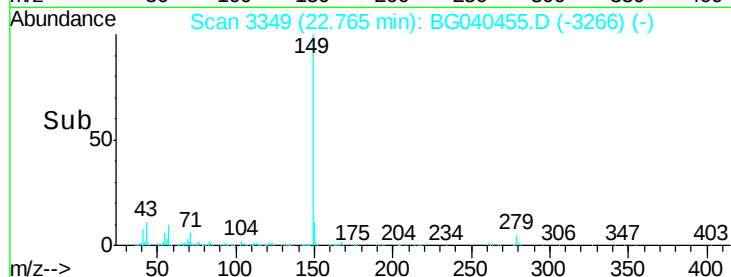
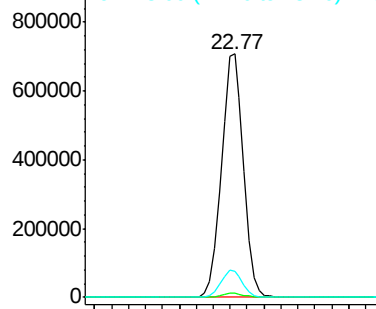
#85
Di-n-octyl phthalate
Concen: 41.959 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1282004
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 11.0 8.7 13.1

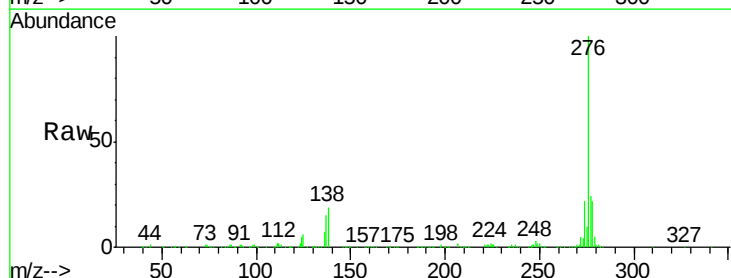


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

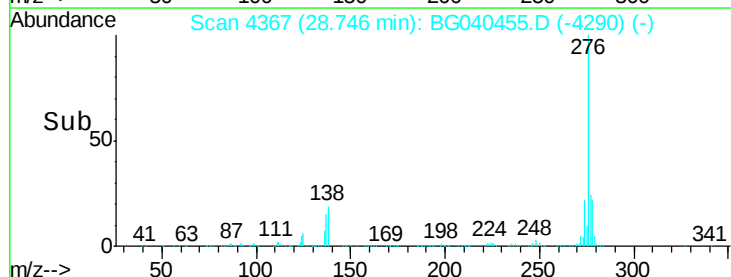
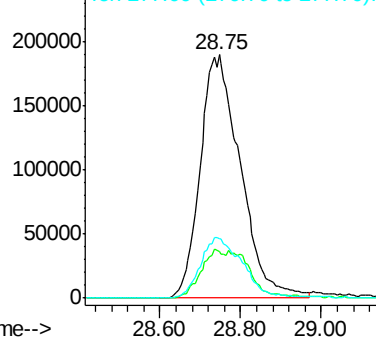


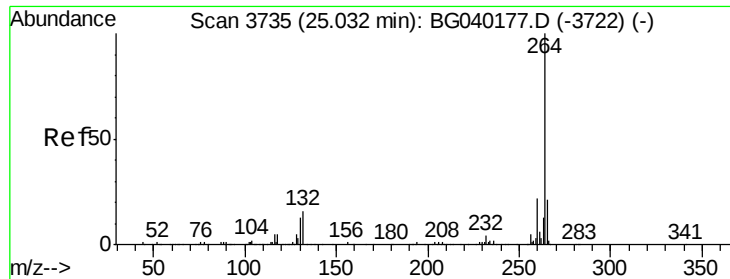
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.692 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.08 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:276 Resp: 1313430
Ion Ratio Lower Upper
276 100
138 12.0 18.8 28.2#
277 25.8 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

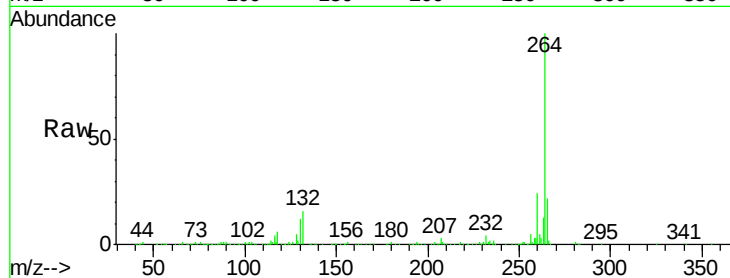




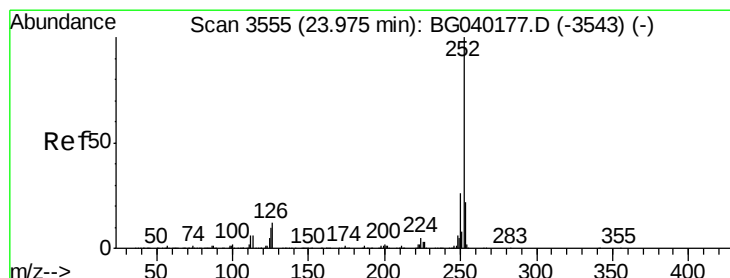
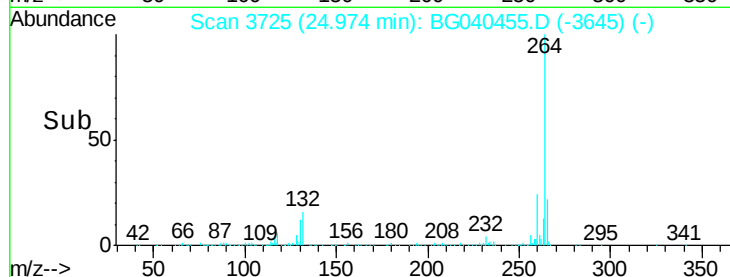
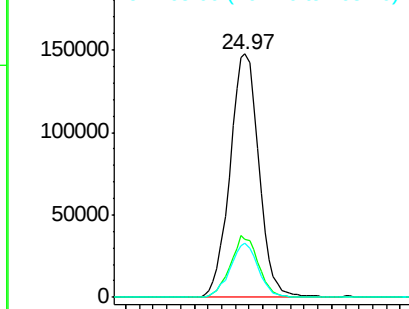
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 432454
Ion Ratio Lower Upper
264 100
260 23.6 17.9 26.9
265 22.4 16.8 25.2

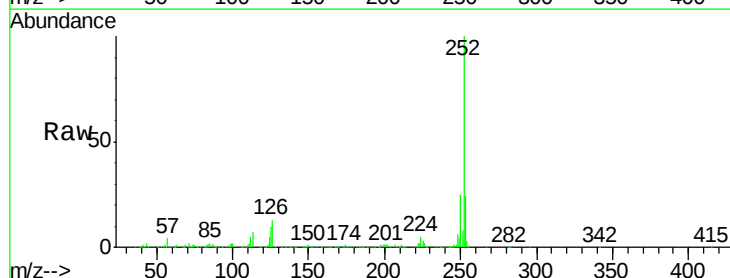


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

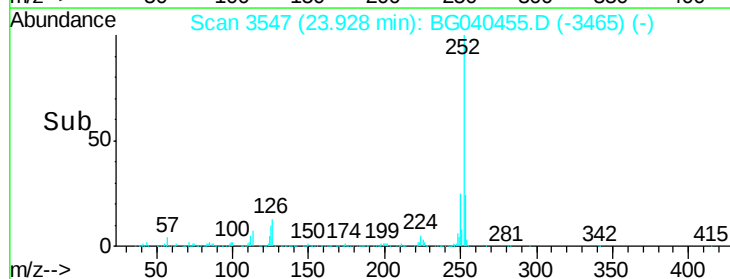
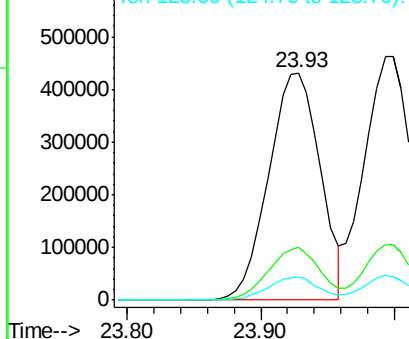


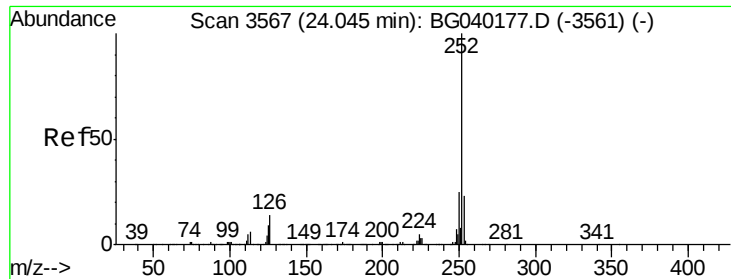
#88
Benzo(b)fluoranthene
Concen: 43.491 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.05 min
Lab File: BG040455.D
Acq: 12 Apr 2019 10:48

Tgt Ion:252 Resp: 1151483
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.2 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: 46.744 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.05 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

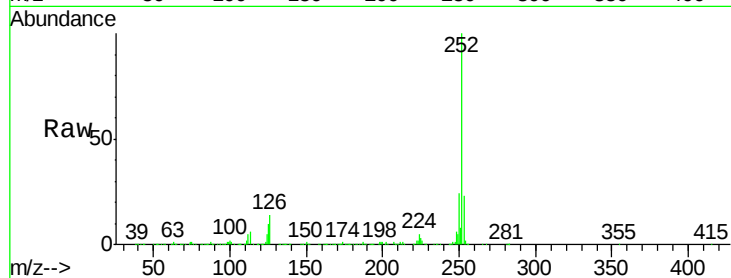
Tot Ion:252 Resp: 1138119

Ion Ratio Lower Upper

252 100

253 22.8 18.6 28.0

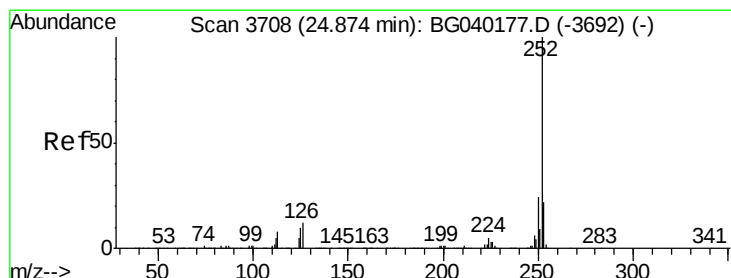
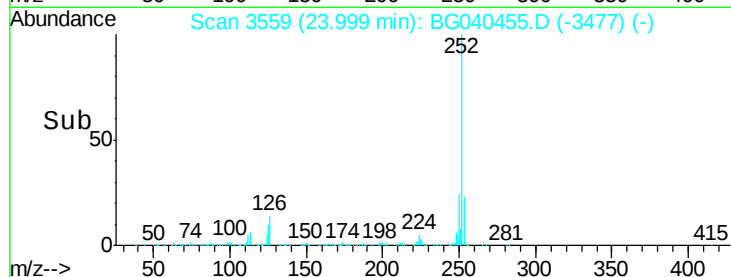
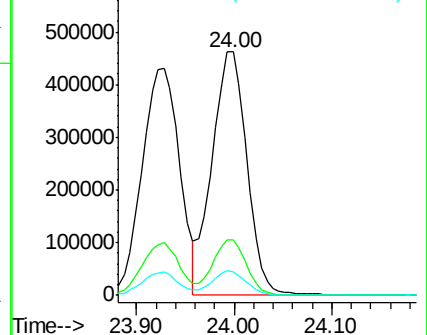
125 9.8 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.176 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

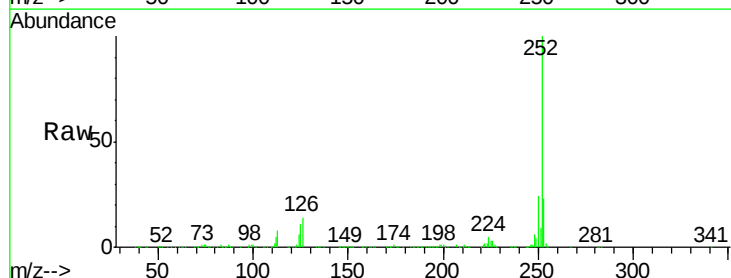
Tgt Ion:252 Resp: 1147098

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

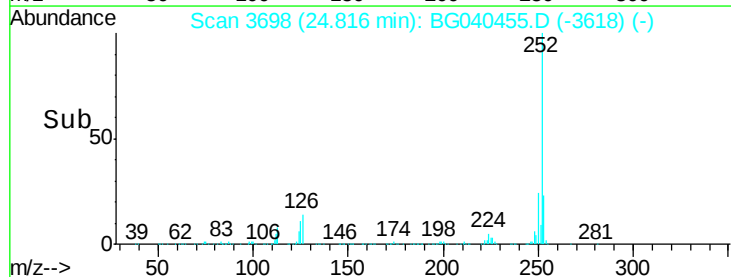
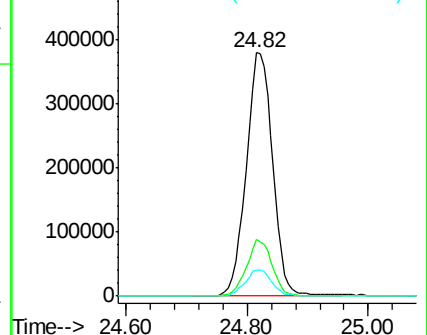
125 10.8 8.3 12.5

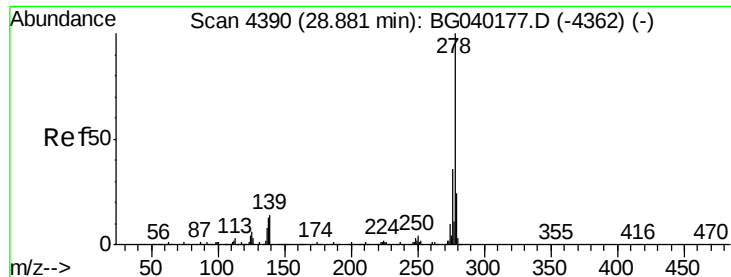


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.831 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

Instrument :

BNA_G

ClientSampleId :

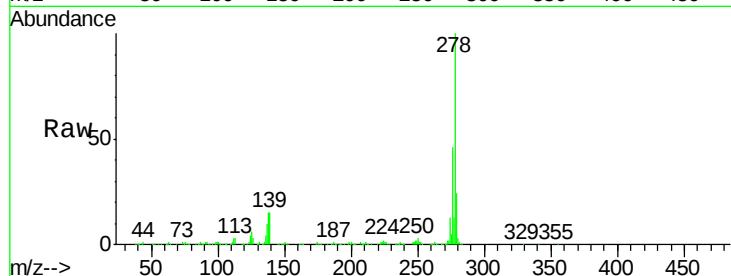
Tot Ion:278 Resp: 1057418

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

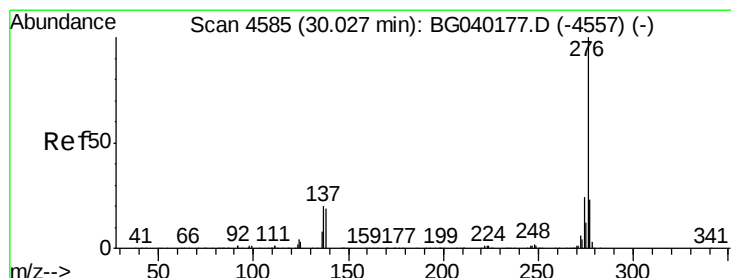
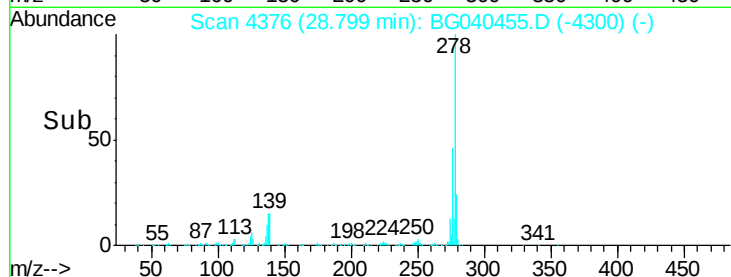
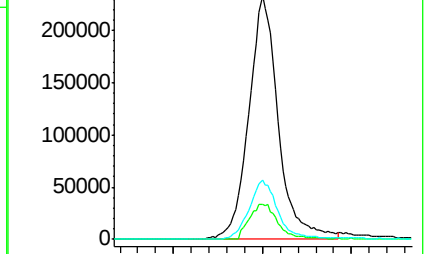
279 24.1 18.9 28.3



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: 45.063 ng

RT: 29.93 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040455.D

Acq: 12 Apr 2019 10:48

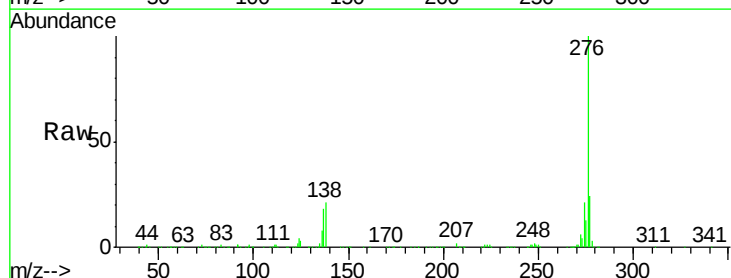
Tgt Ion:276 Resp: 1068504

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 21.0 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

