

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040540.D
 Acq On : 17 Apr 2019 21:49
 Operator : JU/SJ
 Sample : K2196-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:24:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54951	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	213434	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	136609	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	331806	20.00	ng	0.00
76) Chrysene-d12	21.69	240	296321	20.00	ng	0.00
87) Perylene-d12	24.97	264	334207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	401299	121.40	ng	0.00
7) Phenol-d6	7.20	99	530736	116.18	ng	0.00
23) Nitrobenzene-d5	9.22	82	377611	94.04	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	222487	150.70	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	818868	88.82	ng	0.00
79) Terphenyl-d14	20.02	244	1299160	98.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	59694	38.406	ng	# 23
3) Pyridine	3.91	79	133093	31.803	ng	95
4) n-Nitrosodimethylamine	3.82	42	81984	42.352	ng	# 99
6) Aniline	7.37	93	52623	8.866	ng	98
8) 2-Chlorophenol	7.60	128	159587	41.243	ng	93
9) Benzaldehyde	7.19	77	64657	20.634	ng	91
10) Phenol	7.23	94	184017	37.112	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	164146	41.332	ng	97
12) 1,3-Dichlorobenzene	7.93	146	161576	38.413	ng	95
13) 1,4-Dichlorobenzene	8.08	146	166422	39.725	ng	100
14) 1,2-Dichlorobenzene	8.40	146	156552	39.077	ng	99
15) Benzyl Alcohol	8.28	79	142095	38.623	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	312672	41.023	ng	97
17) 2-Methylphenol	8.48	107	139869	40.765	ng	97
18) Hexachloroethane	9.12	117	60261	37.816	ng	97
19) n-Nitroso-di-n-propylamine	8.84	70	132012	40.305	ng	97
20) 3+4-Methylphenols	8.81	107	196423	42.258	ng	94
22) Acetophenone	8.87	105	249597	46.881	ng	# 99
24) Nitrobenzene	9.26	77	191694	46.101	ng	97
25) Isophorone	9.77	82	388783	47.057	ng	99
26) 2-Nitrophenol	9.97	139	89737	45.545	ng	93
27) 2,4-Dimethylphenol	10.02	122	158861	50.760	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	222180	45.454	ng	100
29) 2,4-Dichlorophenol	10.51	162	169385	49.863	ng	100
30) 1,2,4-Trichlorobenzene	10.71	180	166971	44.764	ng	98
31) Naphthalene	10.91	128	501556	45.846	ng	98
32) Benzoic acid	10.02	122	158861	84.013	ng	# 16
33) 4-Chloroaniline	11.04	127	12566	2.693	ng	94
34) Hexachlorobutadiene	11.17	225	100139	41.977	ng	95
35) Caprolactam	11.81	113	28208	20.925	ng	93
36) 4-Chloro-3-methylphenol	12.14	107	201744	51.659	ng	97
37) 2-Methylnaphthalene	12.50	142	379162	46.862	ng	99
38) 1-Methylnaphthalene	12.73	142	364266	46.427	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	189599	43.667	ng	99

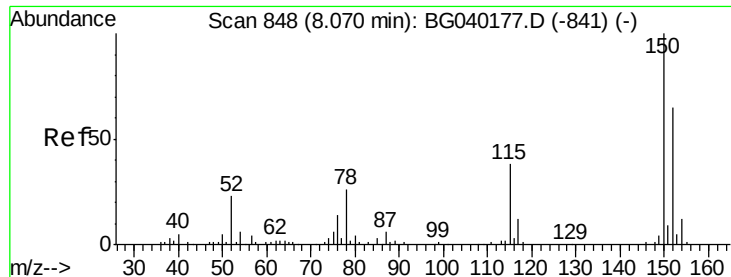
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	196686	82.502	ng	99
43) 2,4,6-Trichlorophenol	13.11	196	137720	49.197	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	144888	47.485	ng	99
46) 1,1'-Biphenyl	13.51	154	496010	45.953	ng	99
47) 2-Chloronaphthalene	13.56	162	382996	46.258	ng	99
48) 2-Nitroaniline	13.77	65	140835	50.428	ng	89
49) Acenaphthylene	14.40	152	643091	45.811	ng	99
50) Dimethylphthalate	14.13	163	533792	49.927	ng	99
51) 2,6-Dinitrotoluene	14.26	165	120127	50.039	ng	99
52) Acenaphthene	14.74	154	378131	47.008	ng	96
53) 3-Nitroaniline	14.60	138	8067	3.175	ng	# 73
54) 2,4-Dinitrophenol	14.80	184	49240	38.568	ng	97
55) Dibenzofuran	15.07	168	620261	47.988	ng	99
56) 4-Nitrophenol	14.90	139	160960	78.482	ng	96
57) 2,4-Dinitrotoluene	15.04	165	171413	51.387	ng	94
58) Fluorene	15.72	166	486371	47.861	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	140884	50.882	ng	99
60) Diethylphthalate	15.48	149	553196	50.564	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	261974	48.228	ng	96
62) 4-Nitroaniline	15.76	138	112968	41.424	ng	98
63) Azobenzene	16.00	77	513863	49.794	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	53348	28.618	ng	96
66) n-Nitrosodiphenylamine	15.92	169	462301	47.613	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	170269	45.600	ng	95
68) Hexachlorobenzene	16.72	284	174318	46.431	ng	97
69) Atrazine	16.87	200	170069	47.086	ng	98
70) Pentachlorophenol	17.06	266	138012	63.584	ng	98
71) Phenanthrene	17.46	178	833592	47.797	ng	99
72) Anthracene	17.56	178	851153	48.759	ng	99
73) Carbazole	17.83	167	799259	48.380	ng	99
74) Di-n-butylphthalate	18.36	149	946534	48.336	ng	99
75) Fluoranthene	19.47	202	1000707	48.457	ng	100
77) Benzidine	19.66	184	31856	2.977	ng	95
78) Pyrene	19.83	202	1009059	51.783	ng	99
80) Butylbenzylphthalate	20.70	149	454000	54.446	ng	96
81) Benzo(a)anthracene	21.67	228	914807	50.122	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	72540	10.448	ng	97
83) Chrysene	21.74	228	900435	51.333	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	636528	53.402	ng	99
85) Di-n-octyl phthalate	22.76	149	1094884	53.914	ng	98
86) Indeno(1,2,3-cd)pyrene	28.72	276	1130600	52.699	ng	# 91
88) Benzo(b)fluoranthene	23.92	252	1003166	49.027	ng	99
89) Benzo(k)fluoranthene	23.99	252	957783	50.901	ng	98
90) Benzo(a)pyrene	24.81	252	975782	50.827	ng	100
91) Dibenzo(a,h)anthracene	28.79	278	921048	51.656	ng	99
92) Benzo(g,h,i)perylene	29.91	276	935047	51.027	ng	96

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

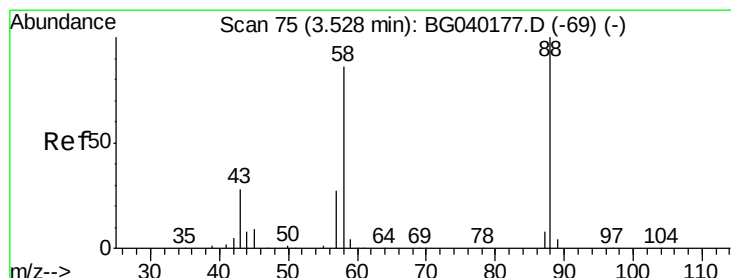
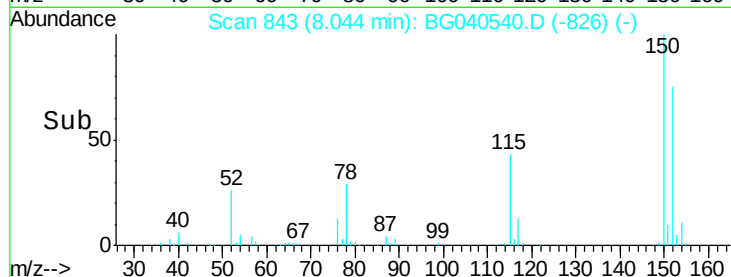
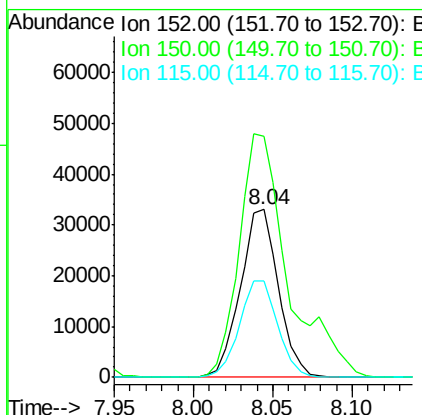
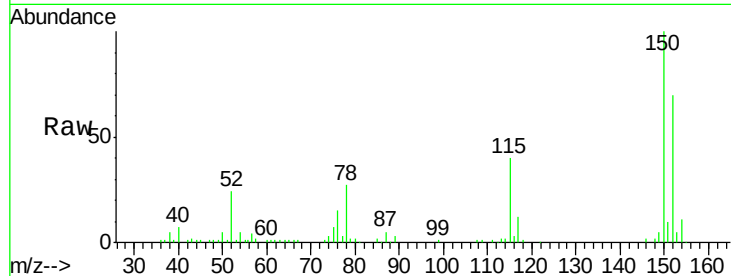


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :

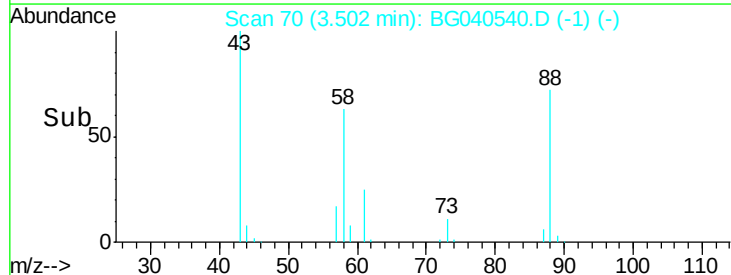
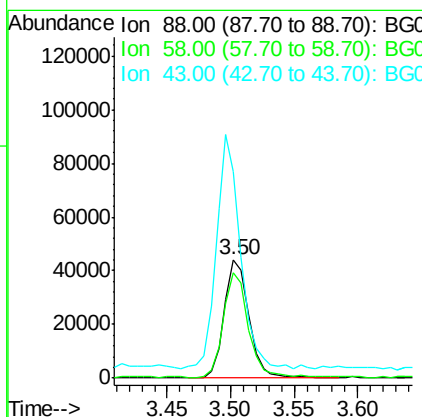
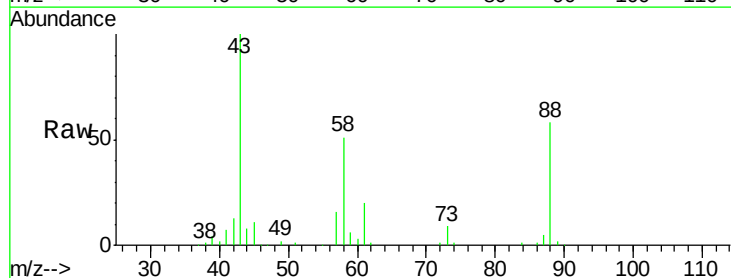
Tot Ion:152 Resp: 54951
Ion Ratio Lower Upper
152 100
150 143.4 123.7 185.5
115 57.2 46.9 70.3

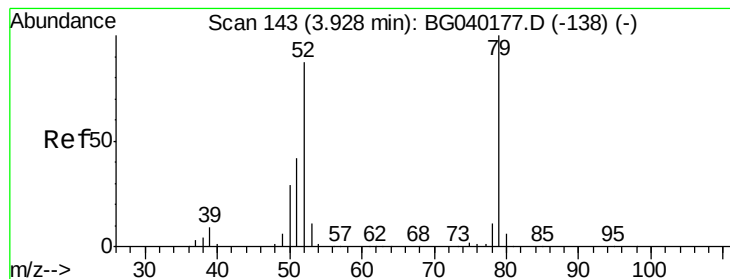


#2

1,4-Dioxane
Concen: 38.406 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion: 88 Resp: 59694
Ion Ratio Lower Upper
88 100
58 88.2 70.6 106.0
43 194.4 24.8 37.2#





#3

Pvridine

Concen: 31.803 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

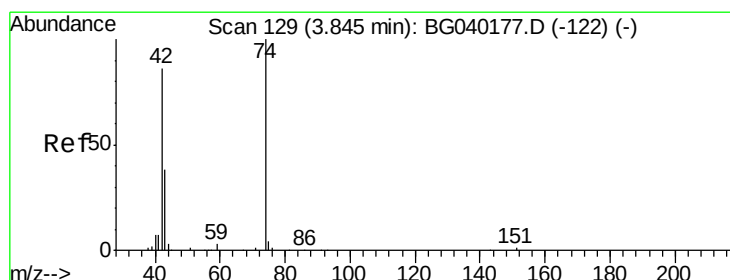
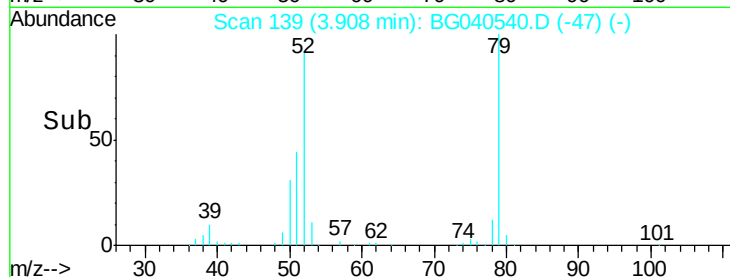
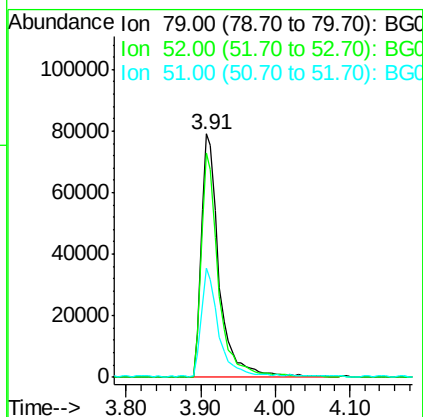
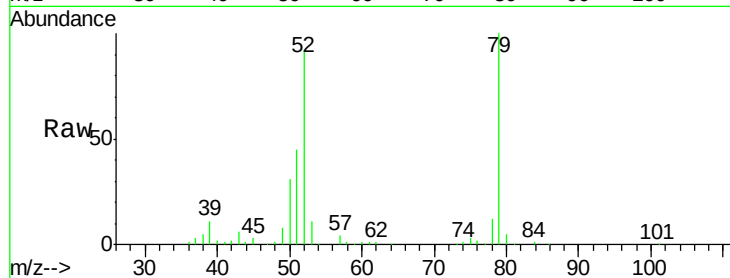
Tot Ion: 79 Resp: 133093

Ion Ratio Lower Upper

79 100

52 91.9 69.8 104.8

51 45.0 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 42.352 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

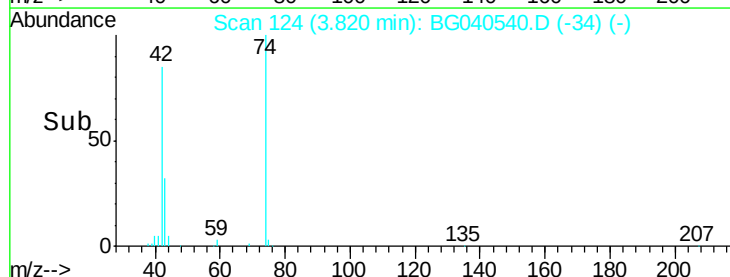
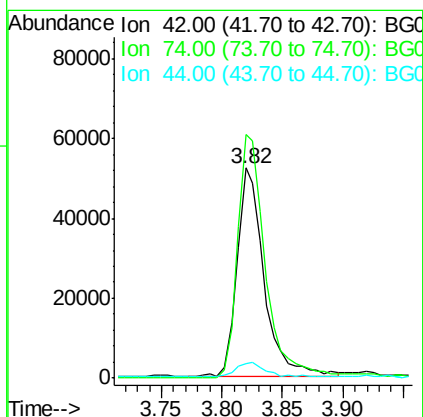
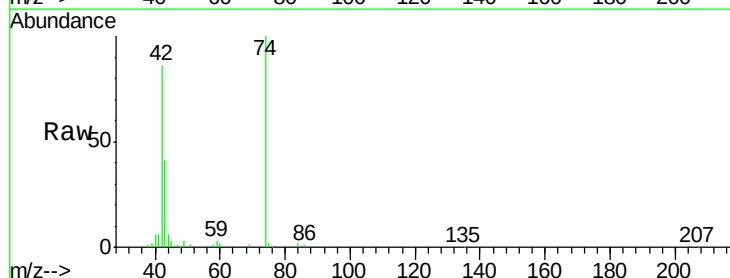
Tgt Ion: 42 Resp: 81984

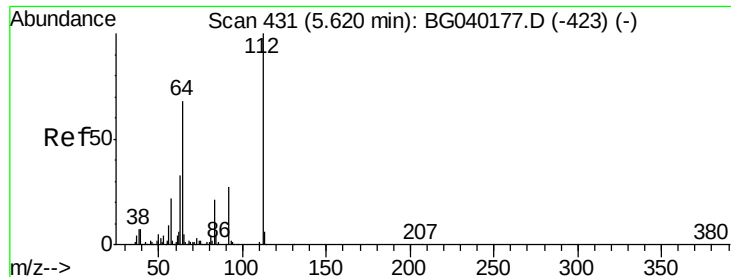
Ion Ratio Lower Upper

42 100

74 116.1 92.9 139.3

44 7.1 9.7 14.5#





#5

2-Fluorophenol

Concen: 121.403 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040540.D

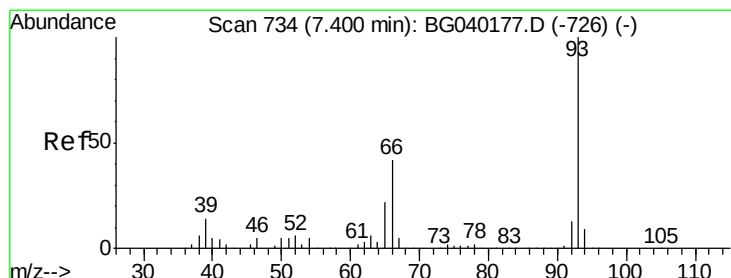
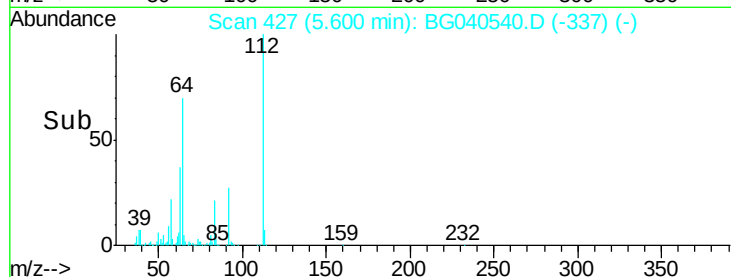
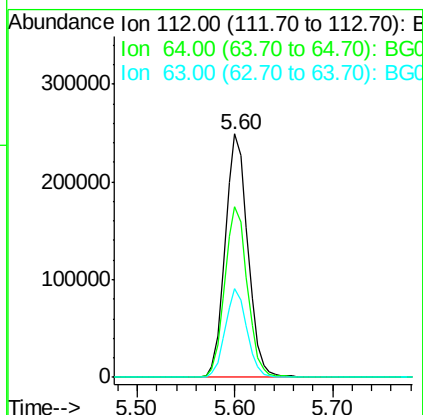
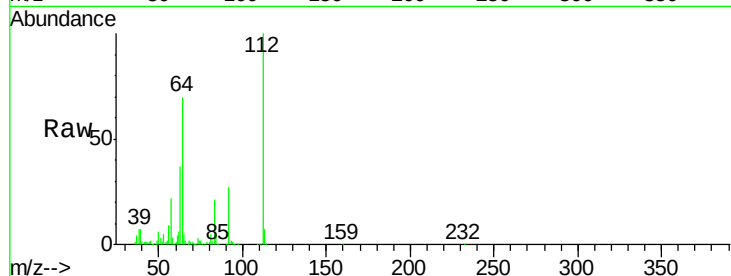
Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	112	Resp:	401299
Ion	Ratio	Lower	Upper
112	100		
64	70.2	54.2	81.2
63	36.5	26.4	39.6



#6

Aniline

Concen: 8.866 ng

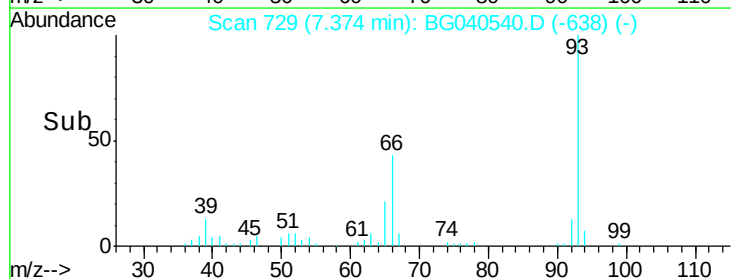
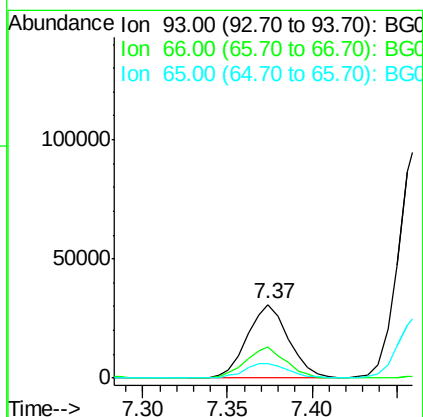
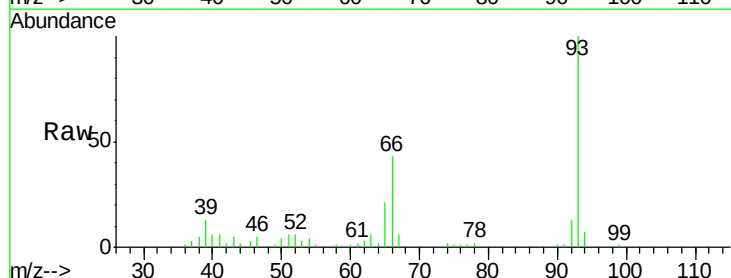
RT: 7.37 min Scan# 729

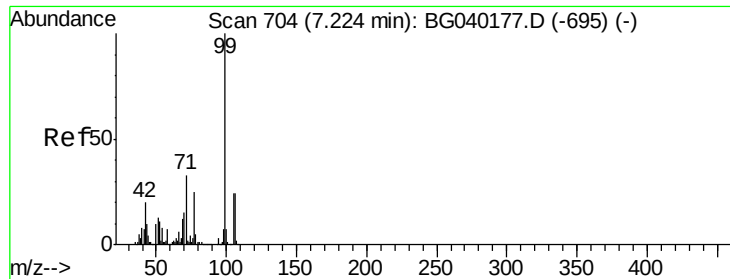
Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Tgt Ion:	93	Resp:	52623
Ion	Ratio	Lower	Upper
93	100		
66	43.1	33.6	50.4
65	20.5	17.4	26.2





#7

Phenol-d6

Concen: 116.179 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

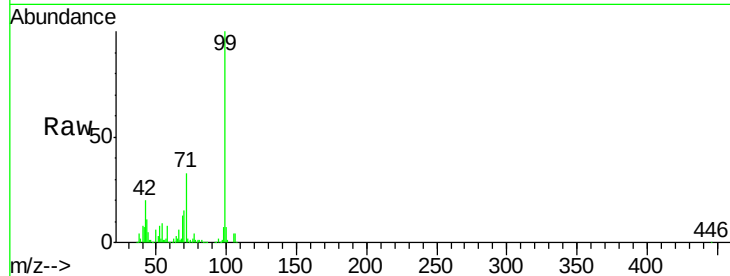
Tot Ion: 99 Resp: 530736

Ion Ratio Lower Upper

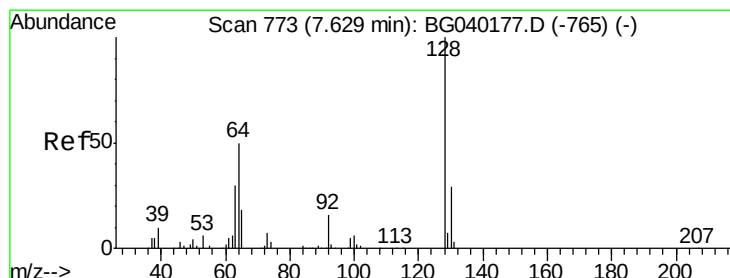
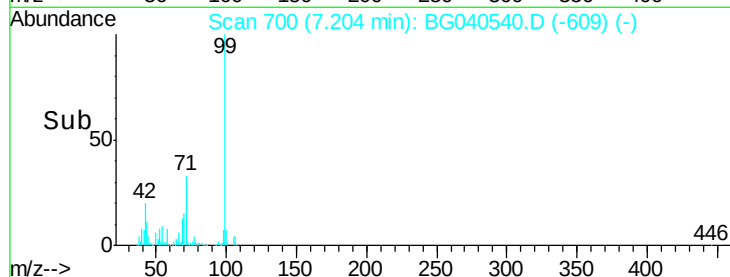
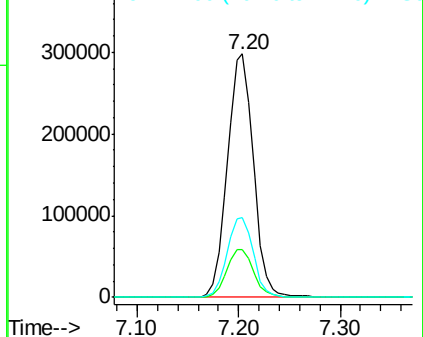
99 100

42 19.9 16.2 24.2

71 33.0 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: 41.243 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

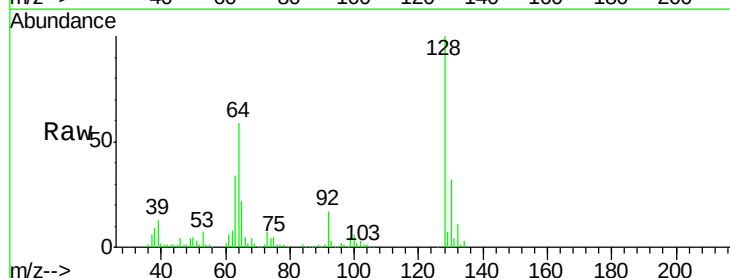
Tgt Ion: 128 Resp: 159587

Ion Ratio Lower Upper

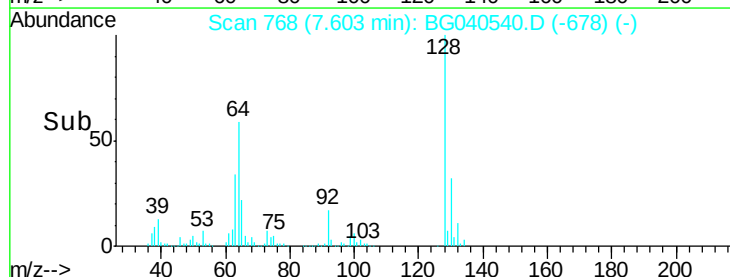
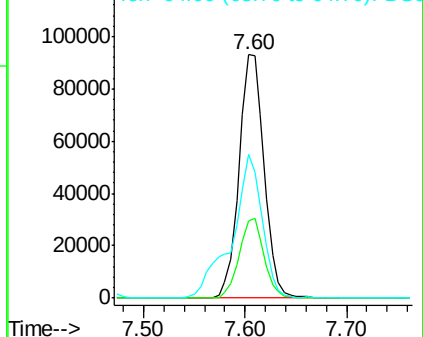
128 100

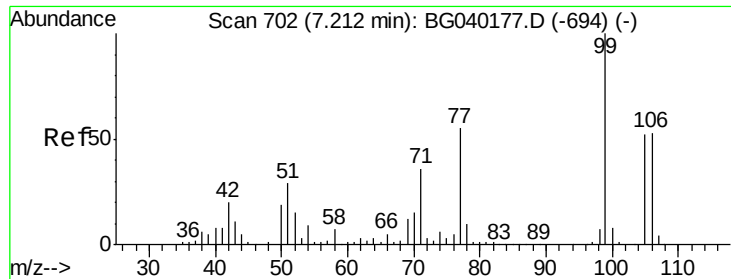
130 31.8 9.1 49.1

64 59.0 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

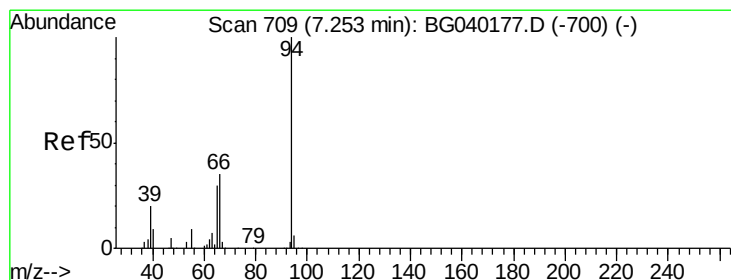
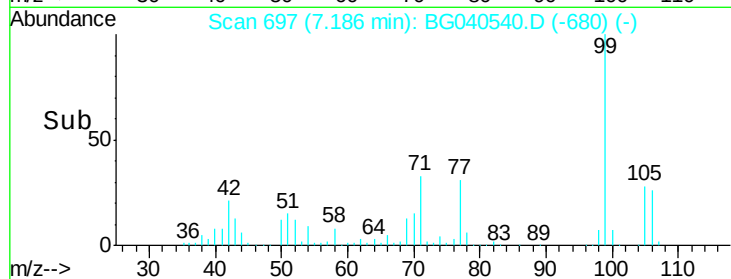
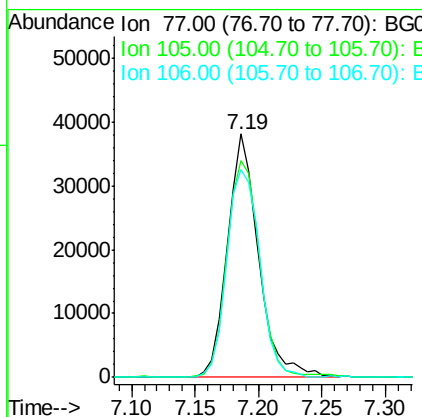
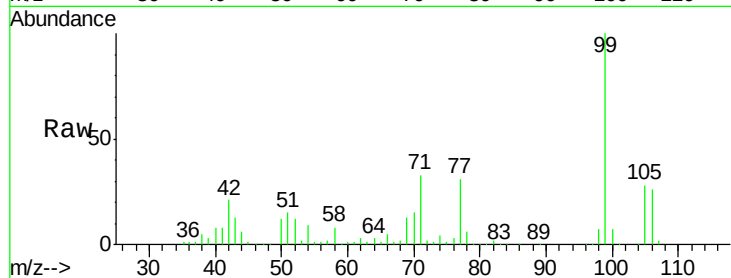




#9
Benzaldehyde
Concen: 20.634 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

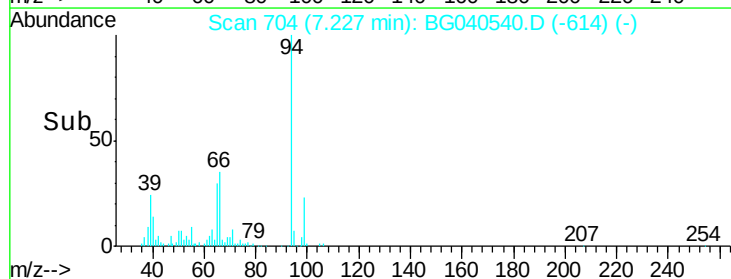
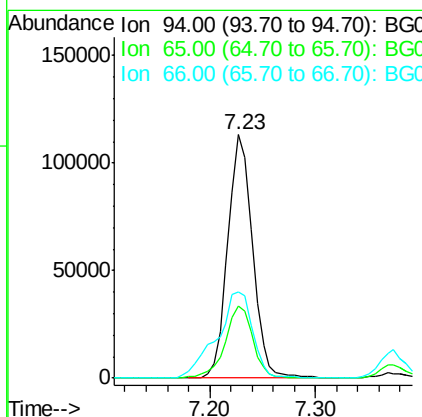
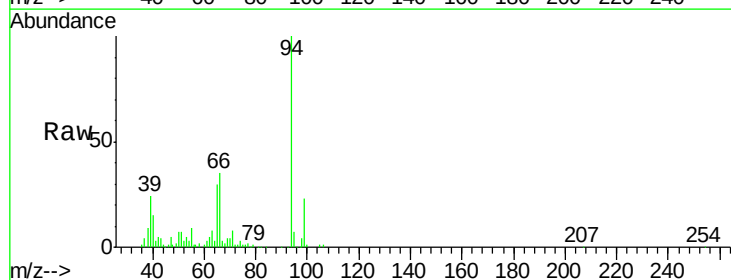
Instrument :
BNA_G
ClientSampled :

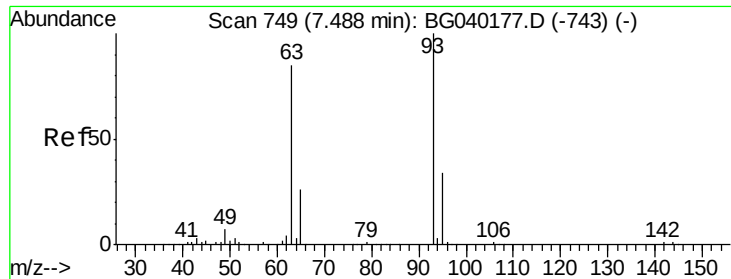
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Ion Ratio Lower Upper
77 100
105 88.8 75.0 115.0
106 85.1 75.7 115.7



#10
Phenol
Concen: 37.112 ng
RT: 7.23 min Scan# 704
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion: 94 Resp: 184017
Ion Ratio Lower Upper
94 100
65 29.6 10.5 50.5
66 35.3 16.9 56.9

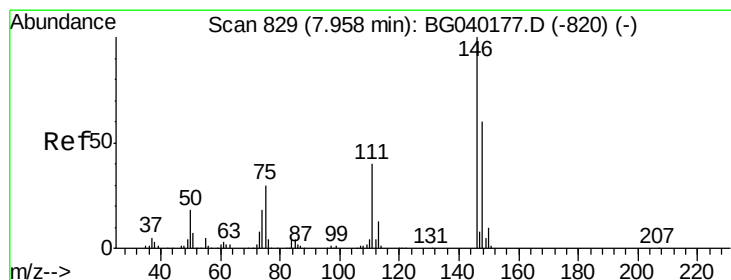
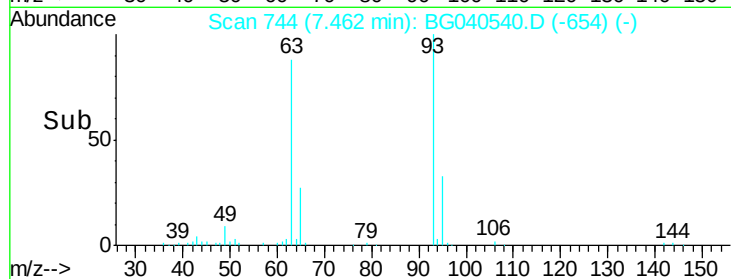
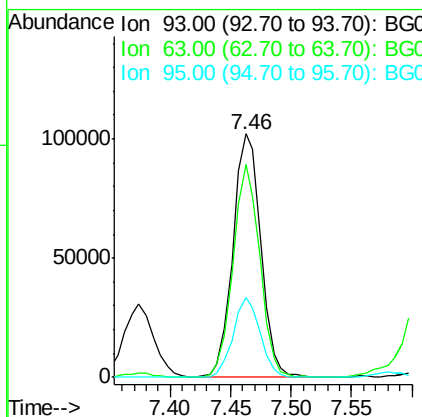
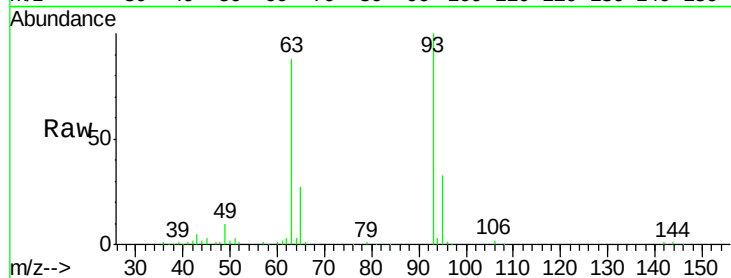




#11
 bis(2-Chloroethyl)ether
 Concen: 41.332 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

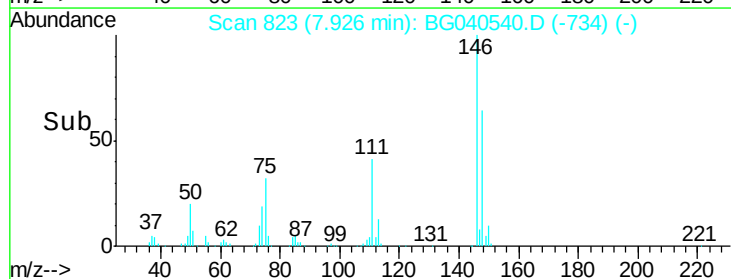
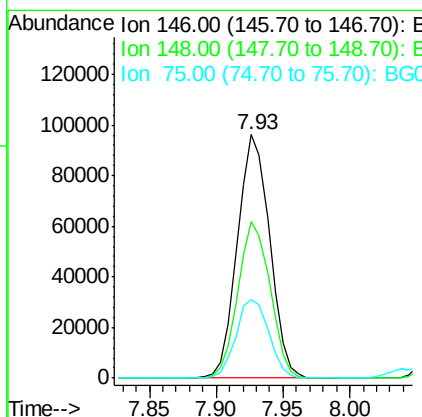
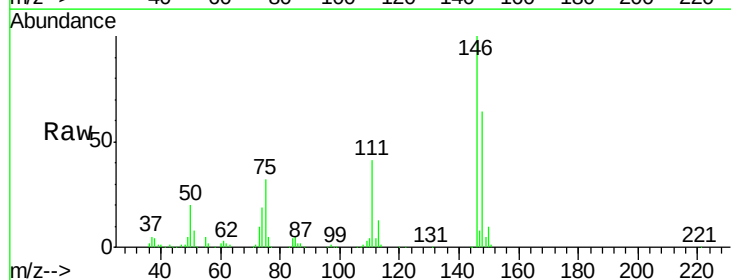
Instrument :
 BNA_G
 ClientSampled :

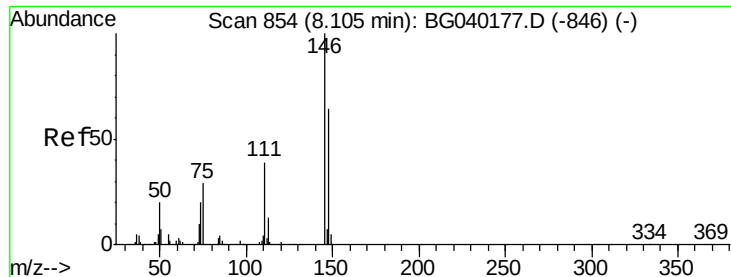
Tot Ion: 93 Resp: 164146
 Ion Ratio Lower Upper
 93 100
 63 87.6 64.2 104.2
 95 32.7 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.413 ng
 RT: 7.93 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion: 146 Resp: 161576
 Ion Ratio Lower Upper
 146 100
 148 64.4 48.2 72.2
 75 32.3 24.1 36.1

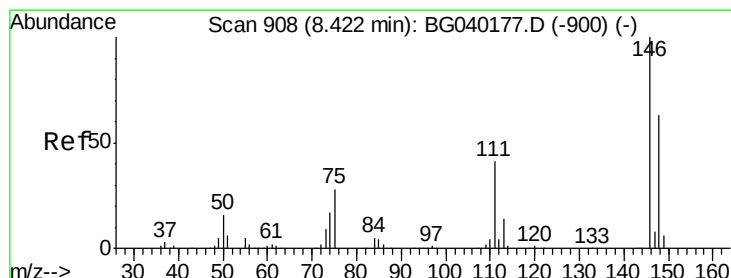
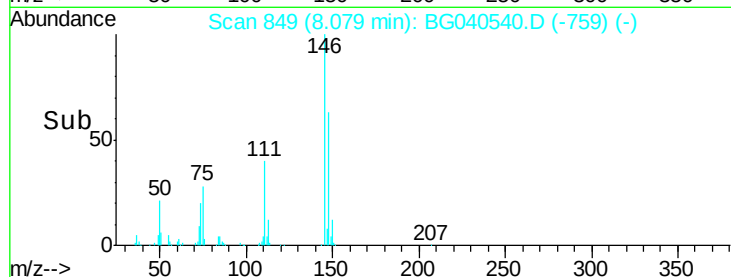
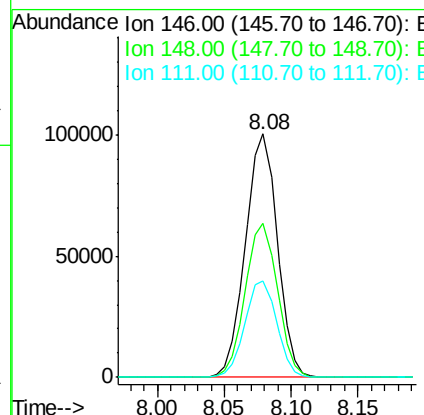
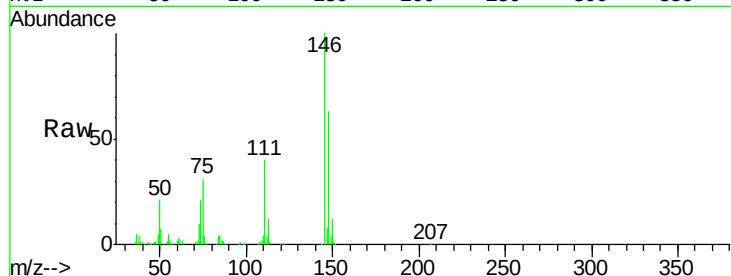




#13
 1,4-Dichlorobenzene
 Concen: 39.725 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

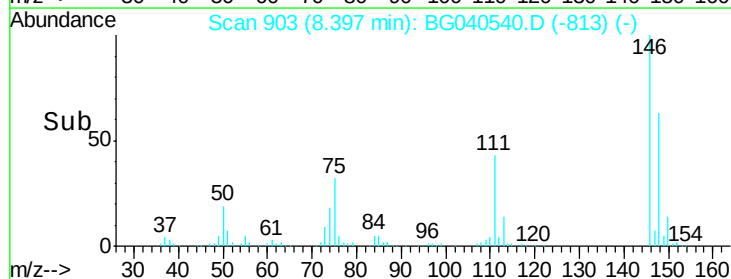
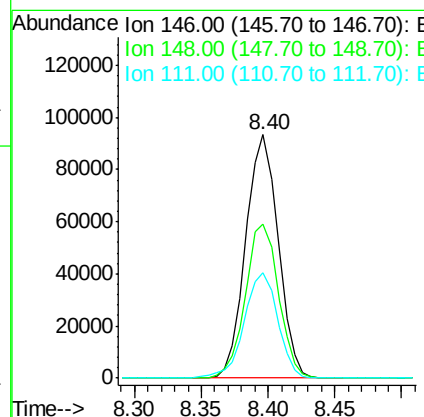
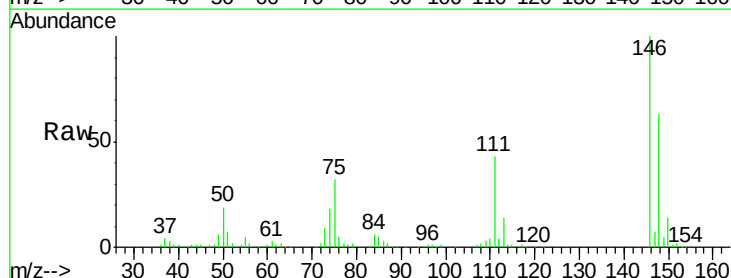
Instrument :
 BNA_G
 ClientSampleId :

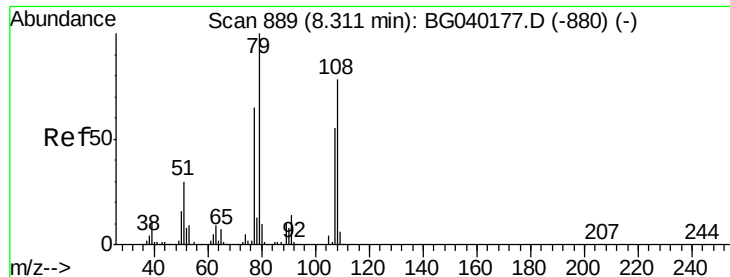
Tot Ion:146 Resp: 166422
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 39.6 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.077 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:146 Resp: 156552
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 43.2 33.4 50.0





#15

Benzyl Alcohol

Concen: 38.623 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

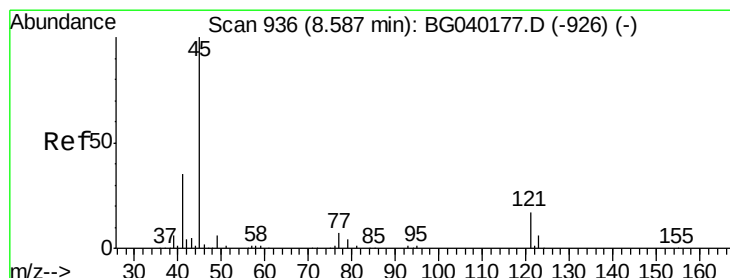
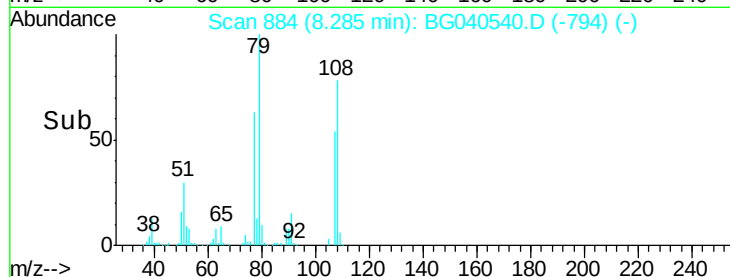
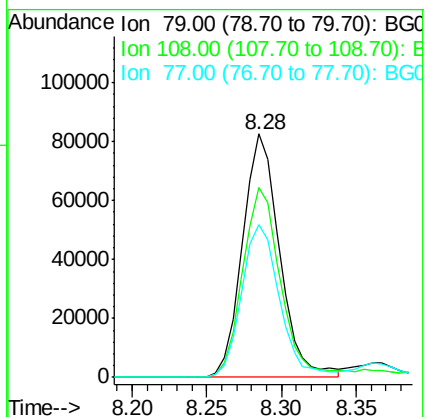
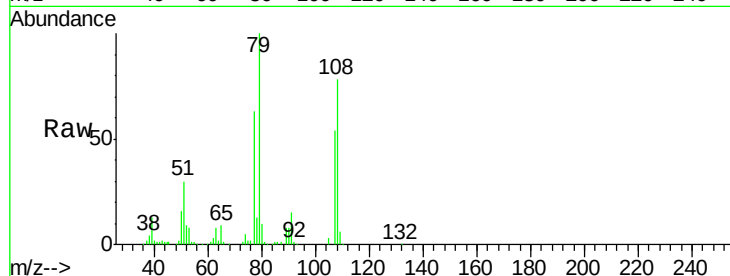
Tot Ion: 79 Resp: 142095

Ion Ratio Lower Upper

79 100

108 77.8 62.1 93.1

77 63.0 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.023 ng

RT: 8.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

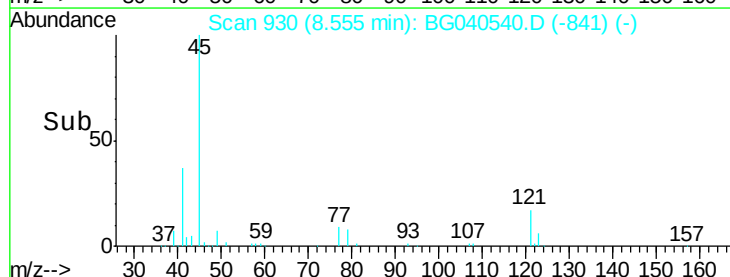
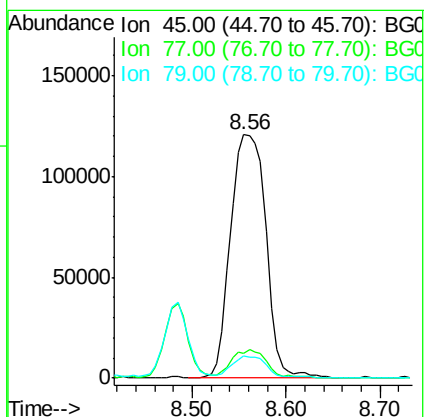
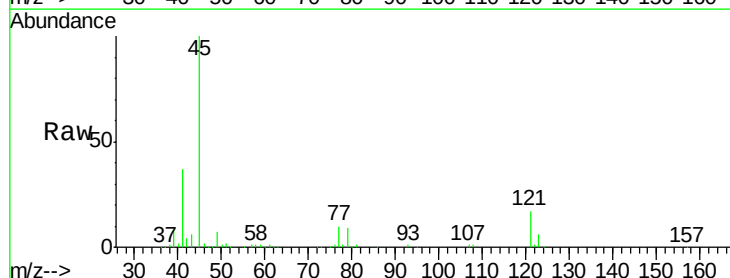
Tgt Ion: 45 Resp: 312672

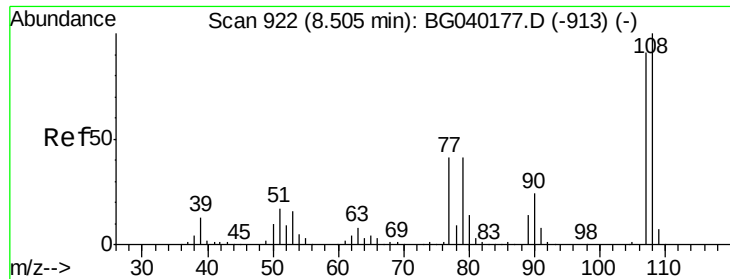
Ion Ratio Lower Upper

45 100

77 10.0 0.0 31.4

79 9.0 0.0 28.3

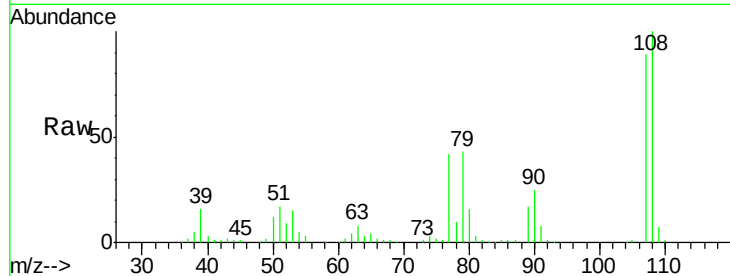




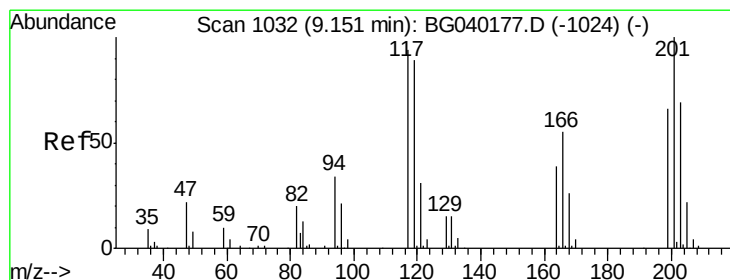
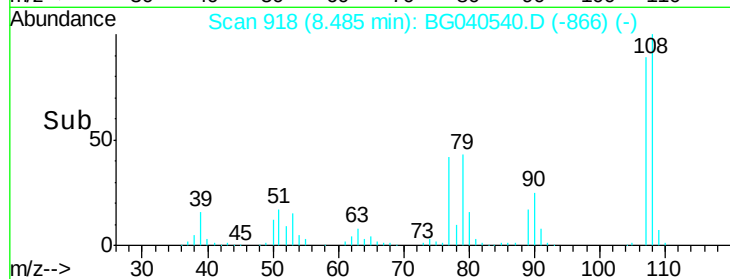
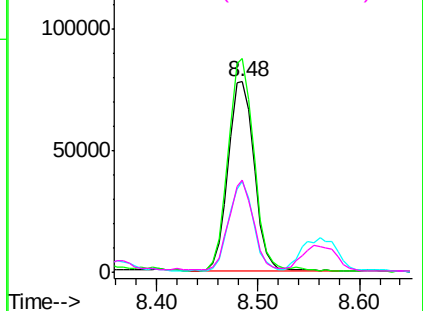
#17
2-Methylphenol
Concen: 40.765 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 139869
Ion Ratio Lower Upper
107 100
108 112.3 88.2 132.4
77 47.7 36.6 55.0
79 48.3 36.5 54.7

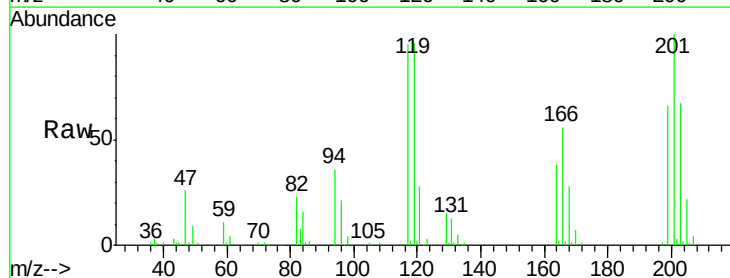


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

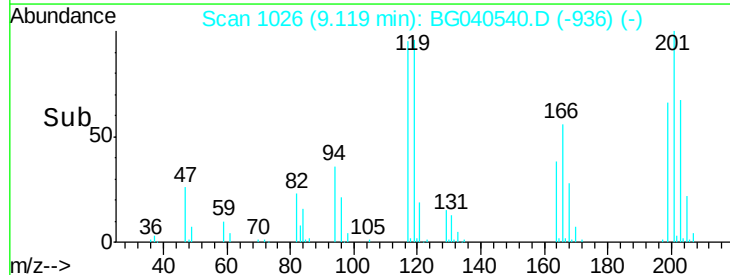
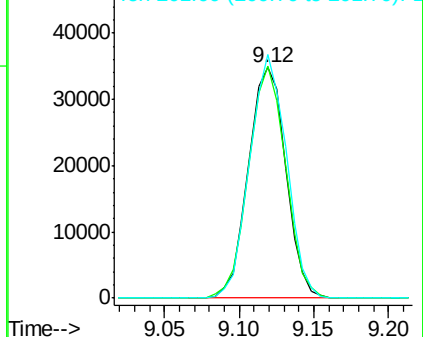


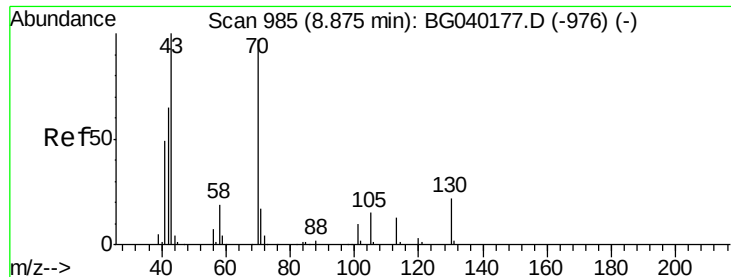
#18
Hexachloroethane
Concen: 37.816 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:117 Resp: 60261
Ion Ratio Lower Upper
117 100
119 100.8 76.6 115.0
201 105.5 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

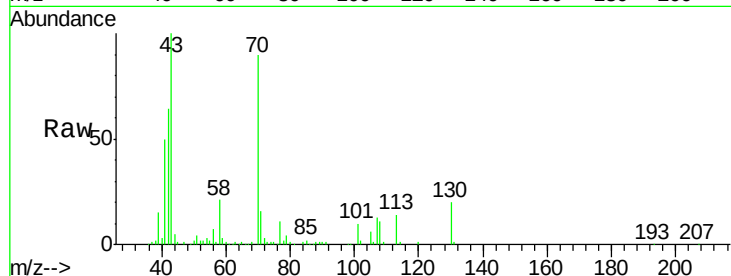




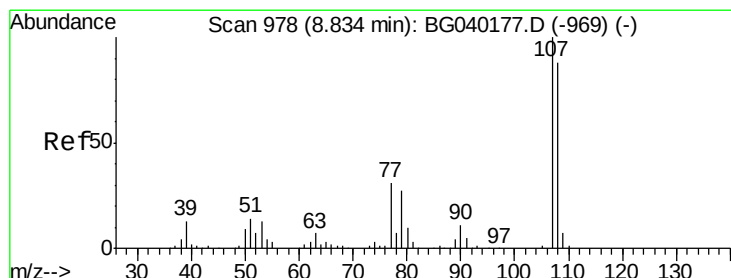
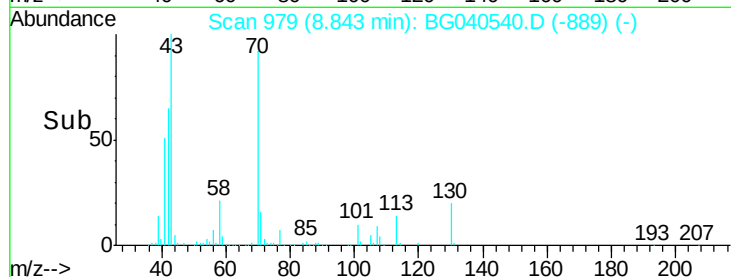
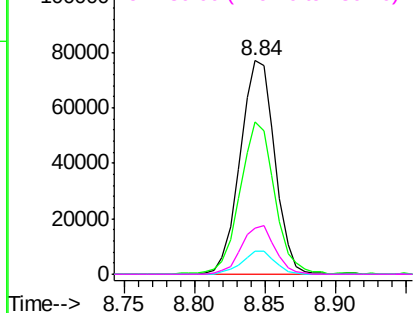
#19
n-Nitroso-di-n-propylamine
Concen: 40.305 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	132012
Ion	Ratio	Lower	Upper
70	100		
42	71.0	54.0	81.0
101	10.8	8.6	13.0
130	21.9	18.2	27.2

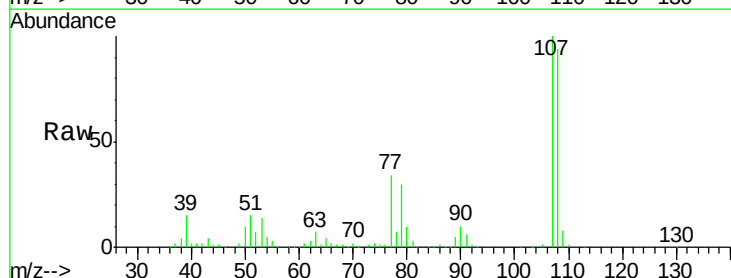


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

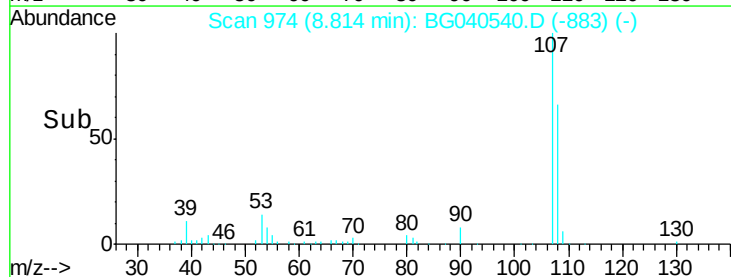
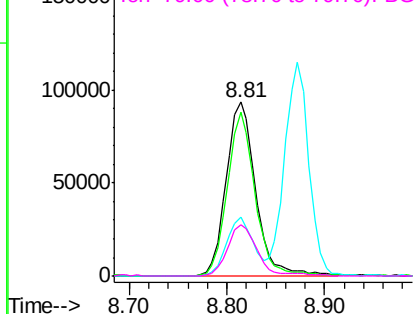


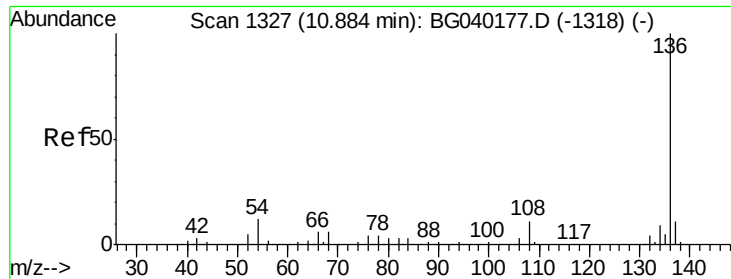
#20
3+4-Methylphenols
Concen: 42.258 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:	107	Resp:	196423
Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.3	108.3
77	34.1	11.3	51.3
79	29.7	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

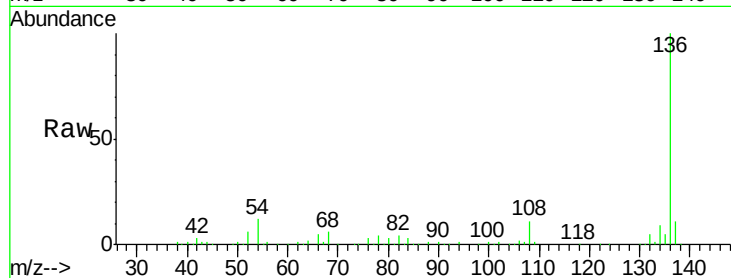




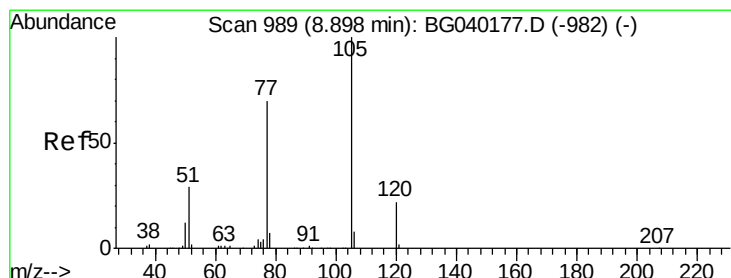
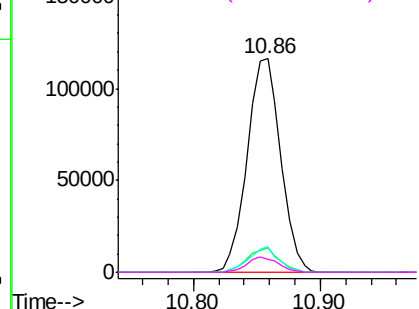
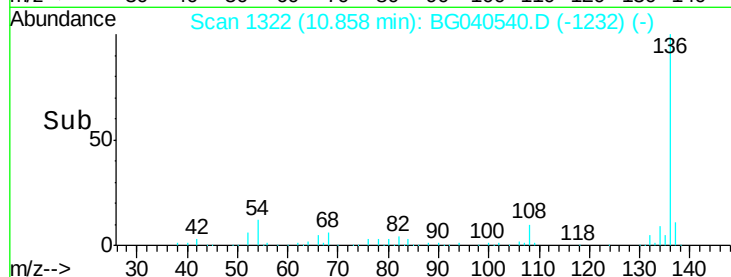
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	213434
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	12.0	9.6 14.4
68	5.8	5.1 7.7

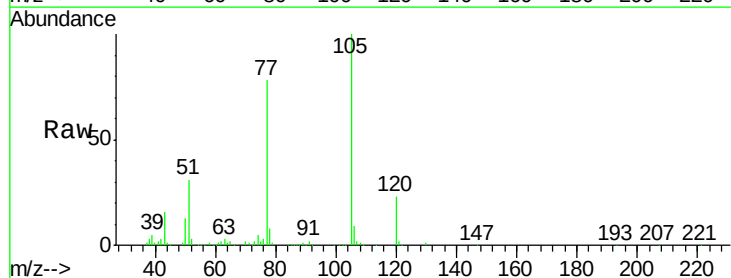


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

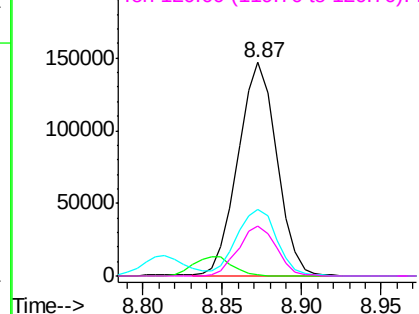
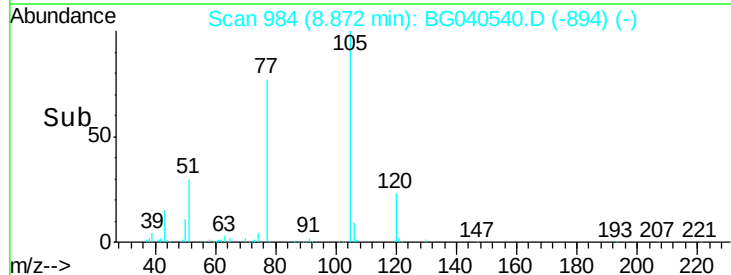


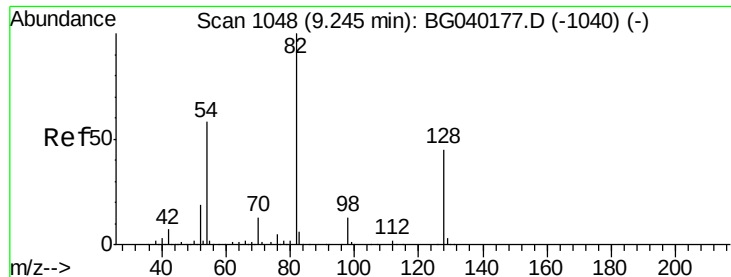
#22
Acetophenone
Concen: 46.881 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:105	Resp:	249597
Ion	Ratio	Lower Upper
105	100	
71	0.5	0.6 1.0#
51	31.4	25.1 37.7
120	23.4	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

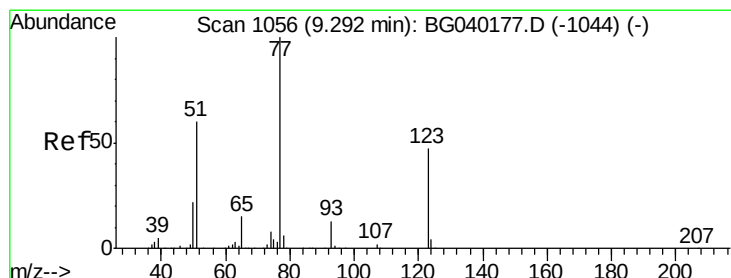
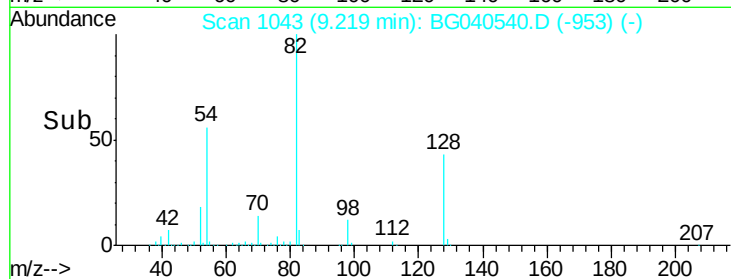
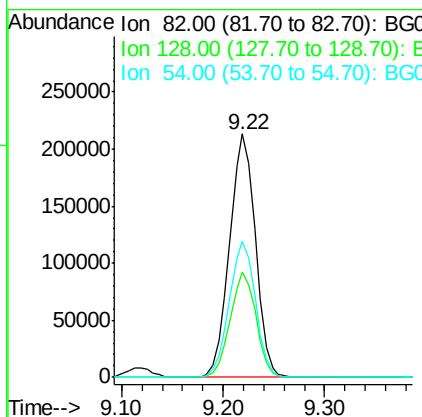
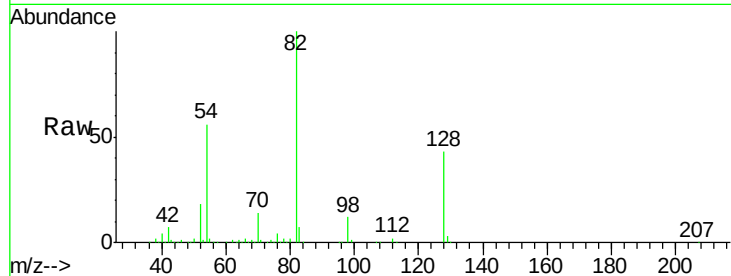




#23
 Nitrobenzene-d5
 Concen: 94.040 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

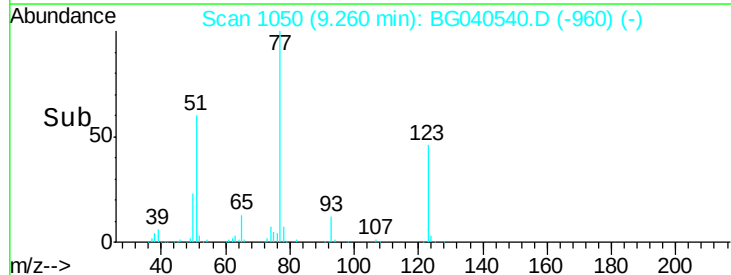
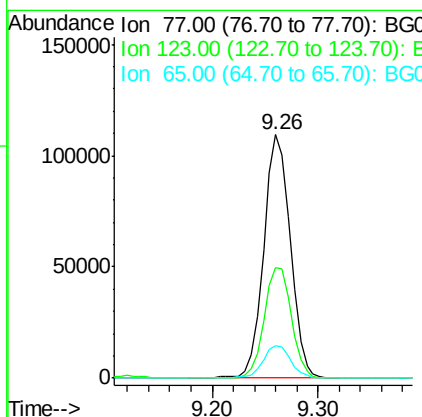
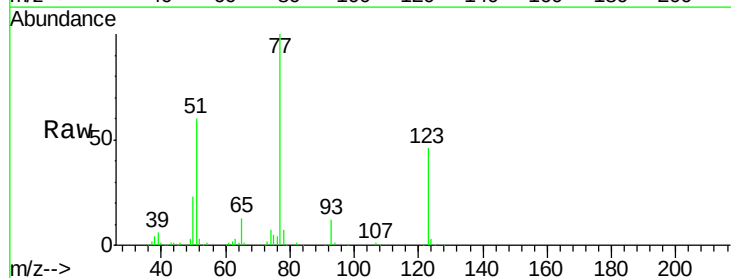
Instrument :
 BNA_G
 ClientSampled :

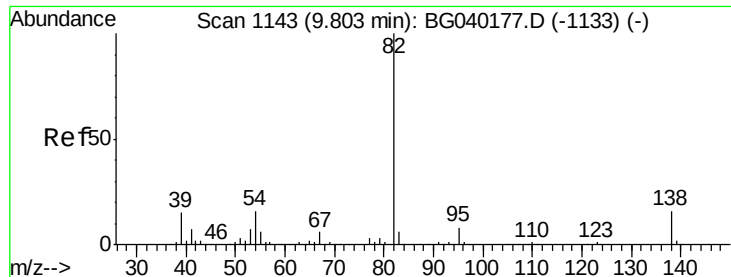
Tot Ion	82	Resp	377611
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.8	53.8
54	56.0	46.2	69.2



#24
 Nitrobenzene
 Concen: 46.101 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion	77	Resp	191694
Ion Ratio	Lower	Upper	
77	100		
123	45.6	37.8	56.6
65	13.1	12.0	18.0





#25

Isophorone

Concen: 47.057 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

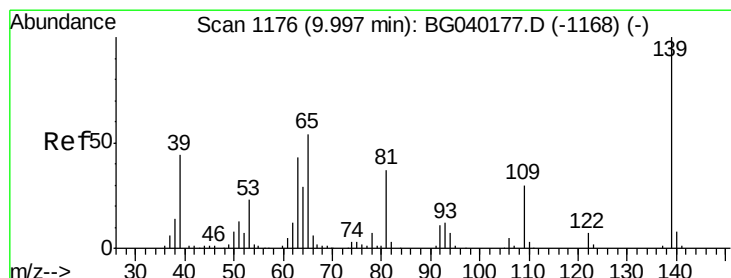
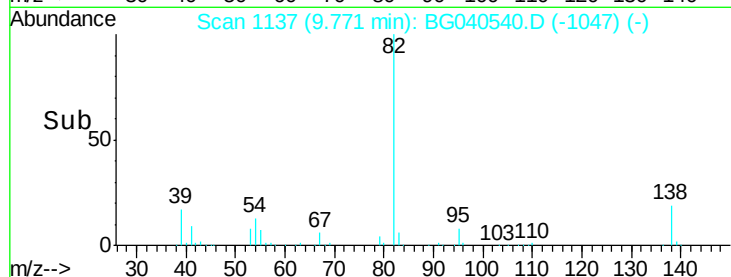
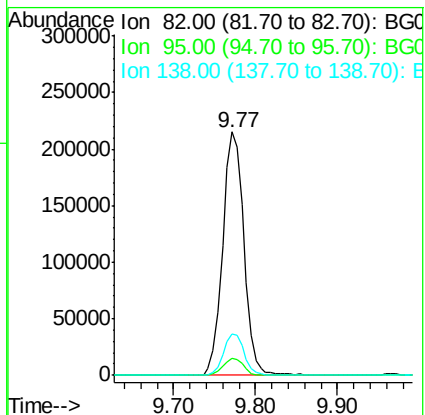
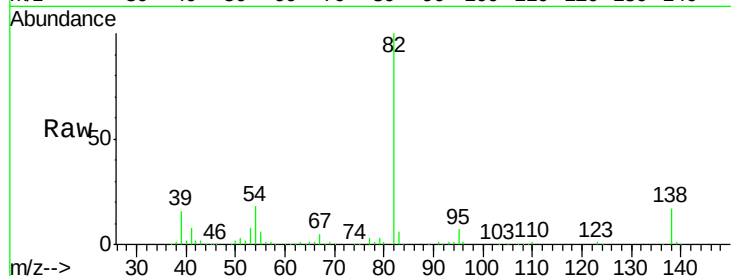
Tot Ion: 82 Resp: 388783

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

138 17.1 13.2 19.8



#26

2-Nitrophenol

Concen: 45.545 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

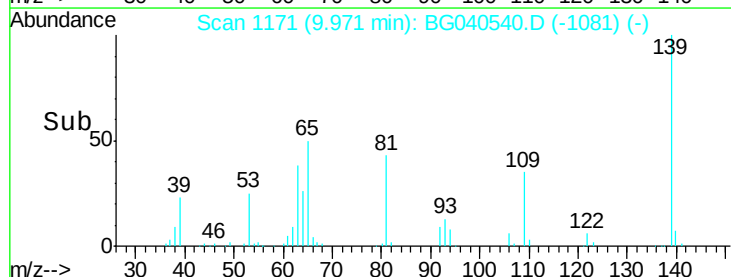
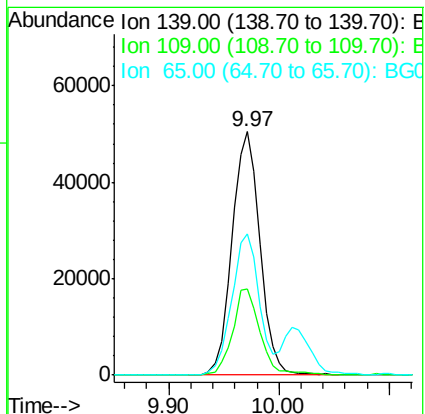
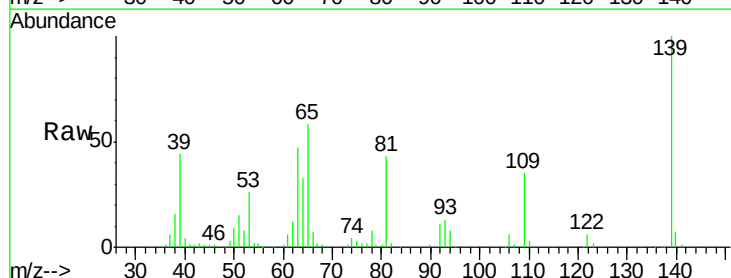
Tgt Ion: 139 Resp: 89737

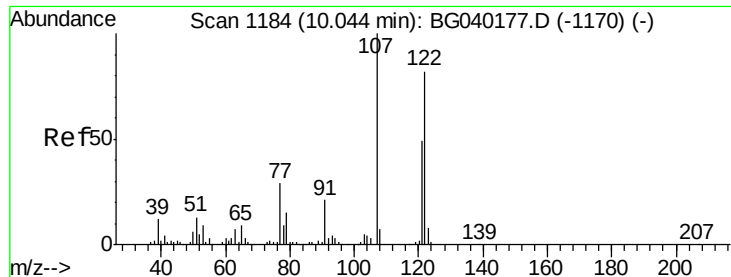
Ion Ratio Lower Upper

139 100

109 35.2 24.1 36.1

65 58.1 43.0 64.6

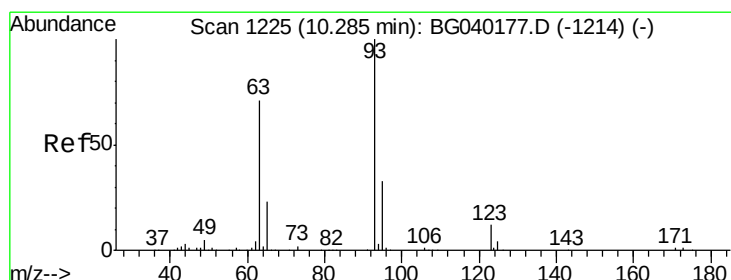
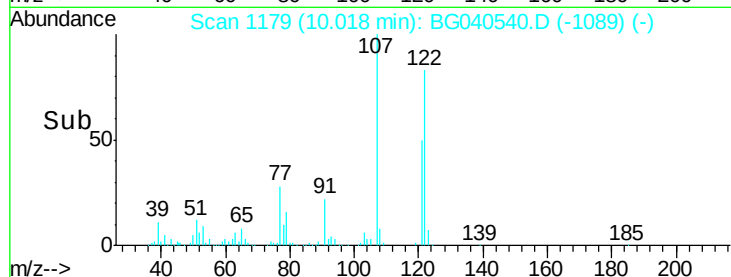
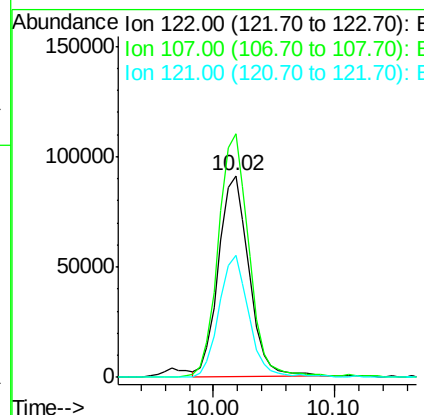
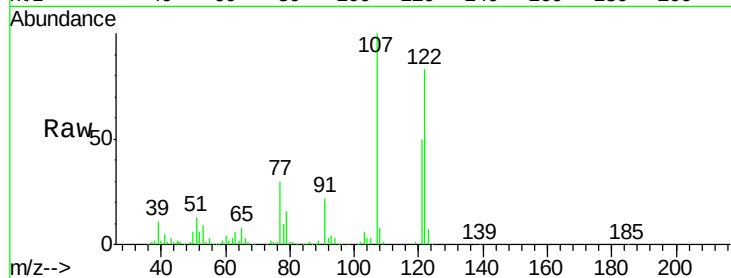




#27
 2,4-Dimethylphenol
 Concen: 50.760 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

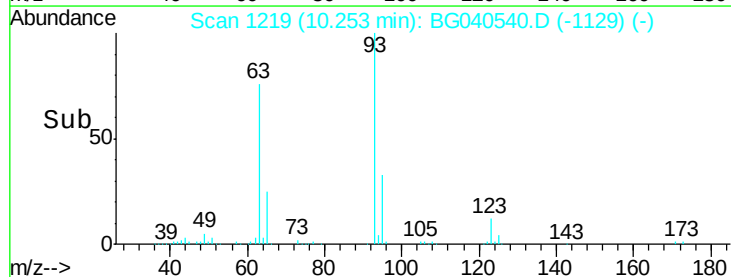
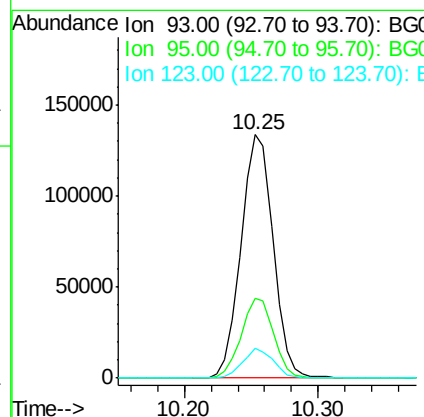
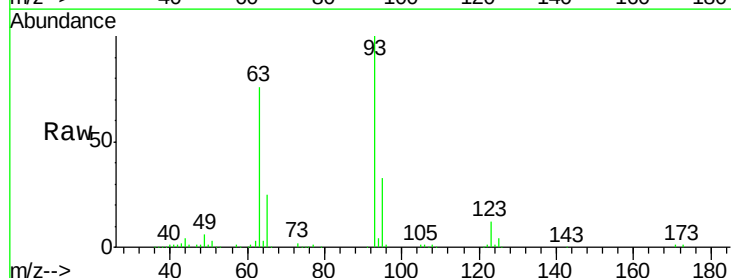
Instrument :
 BNA_G
 ClientSampled :

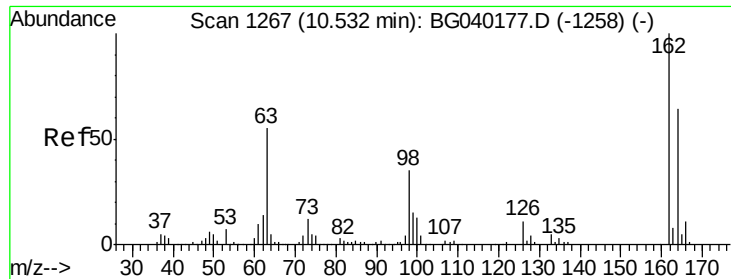
Tot Ion:122 Resp: 158861
 Ion Ratio Lower Upper
 122 100
 107 120.7 97.4 146.2
 121 60.2 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.454 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion: 93 Resp: 222180
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.2 39.4
 123 12.0 9.4 14.0

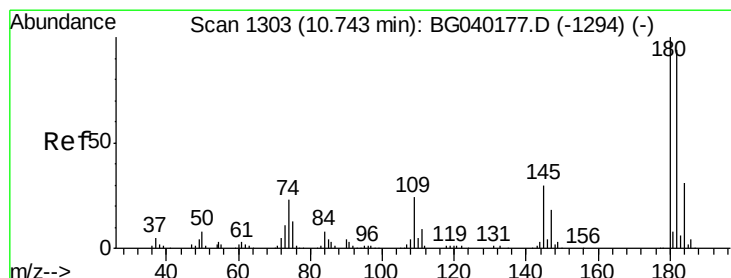
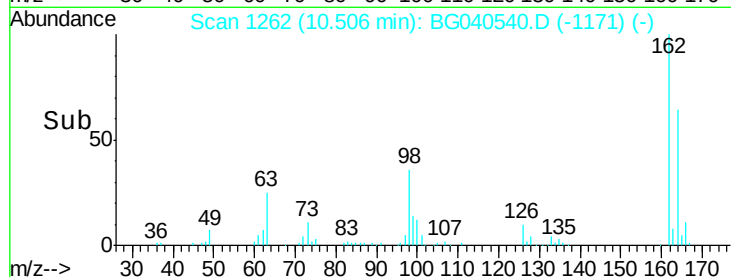
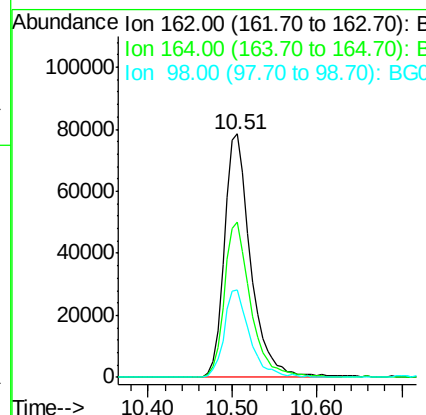
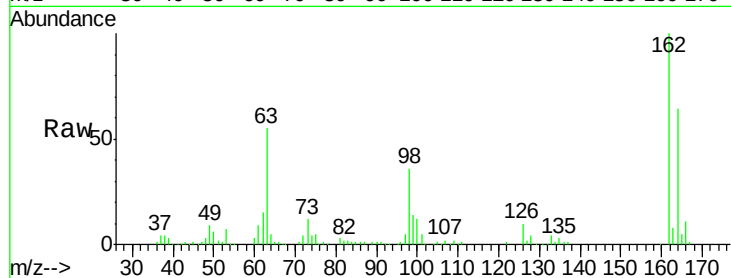




#29
 2,4-Dichlorophenol
 Concen: 49.863 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

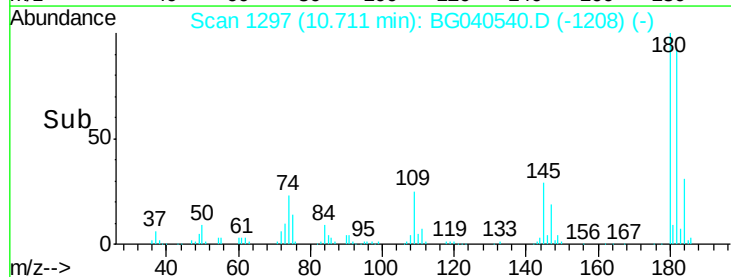
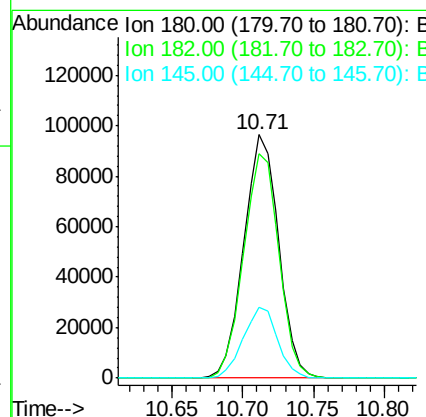
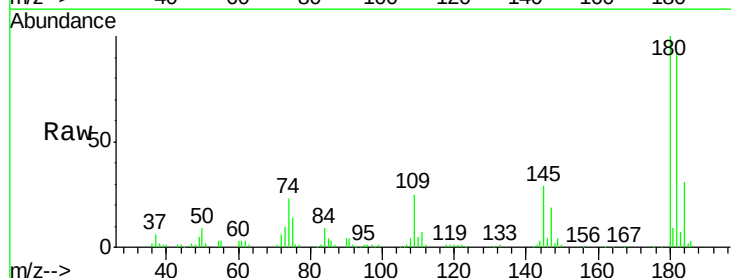
Instrument :
 BNA_G
 ClientSampleId :

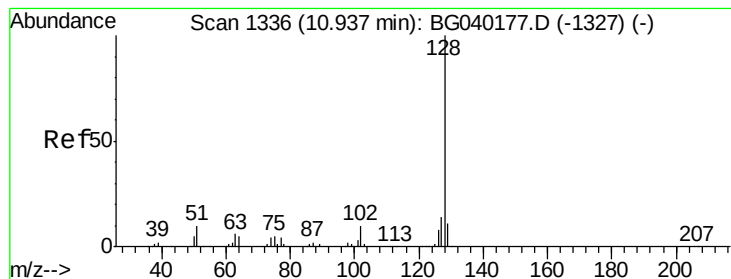
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	35.8	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 44.764 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.1	112.7
145	29.1	24.1	36.1





#31

Naphthalene

Concen: 45.846 ng

RT: 10.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

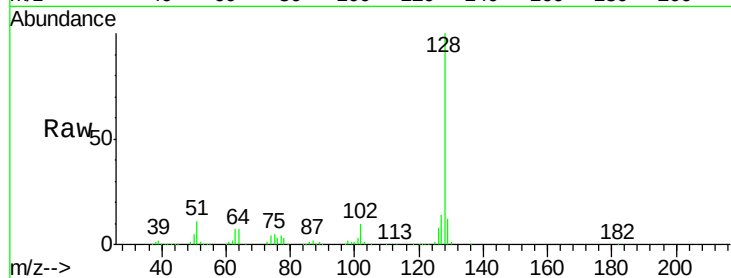
Tot Ion:128 Resp: 501556

Ion Ratio Lower Upper

128 100

129 11.7 8.9 13.3

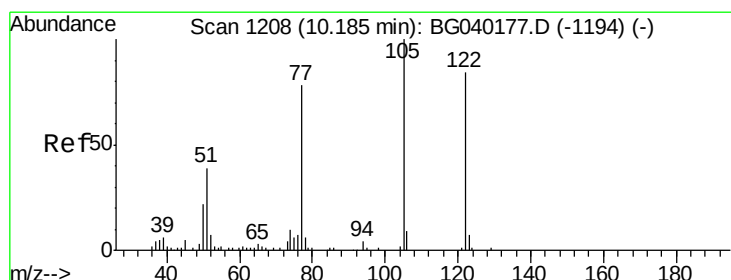
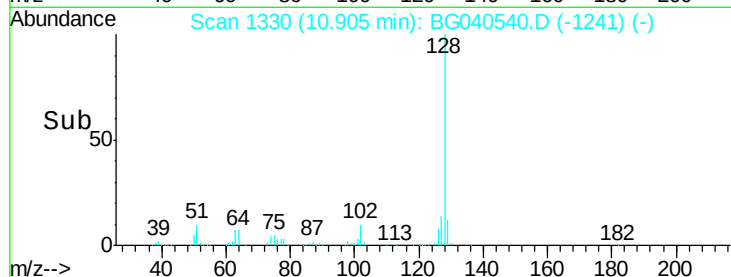
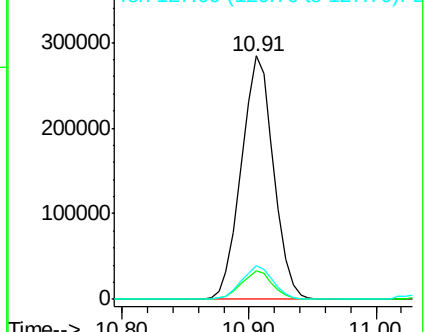
127 13.6 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 84.013 ng

RT: 10.02 min Scan# 1179

Delta R.T. -0.15 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

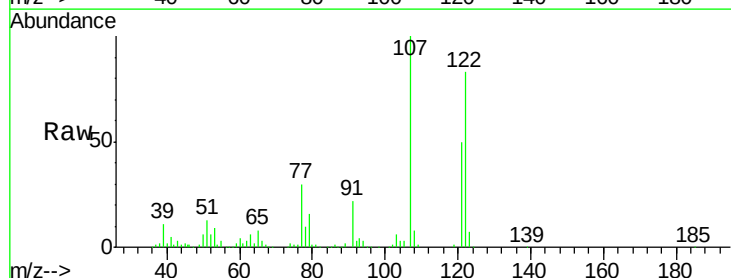
Tgt Ion:122 Resp: 158861

Ion Ratio Lower Upper

122 100

105 3.7 98.2 138.2#

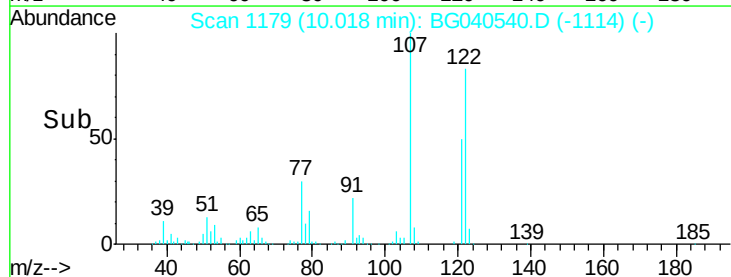
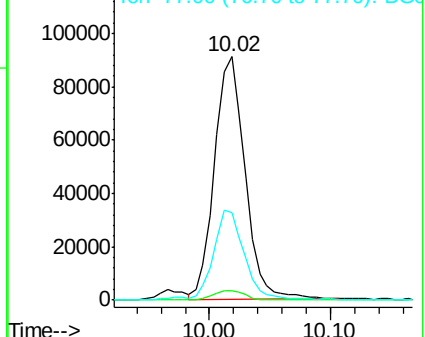
77 36.0 73.6 113.6#

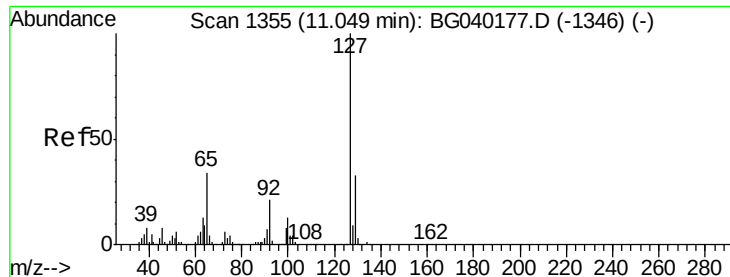


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

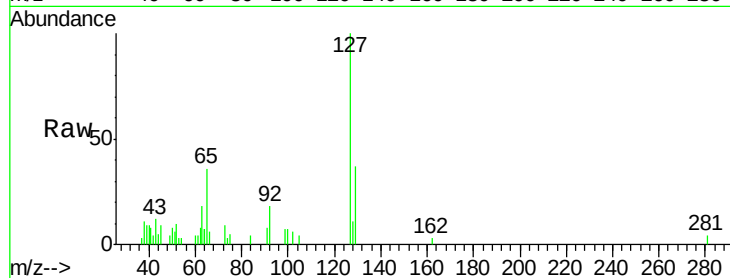




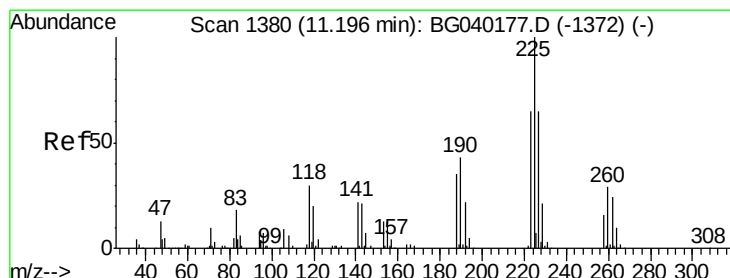
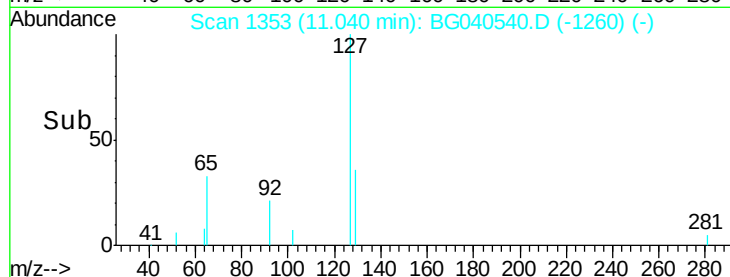
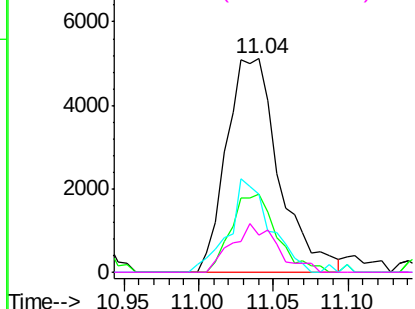
#33
4-Chloroaniline
Concen: 2.693 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	12566
Ion	Ratio	Lower Upper
127	100	
129	36.5	26.6 40.0
65	36.3	27.0 40.4
92	17.6	16.6 25.0

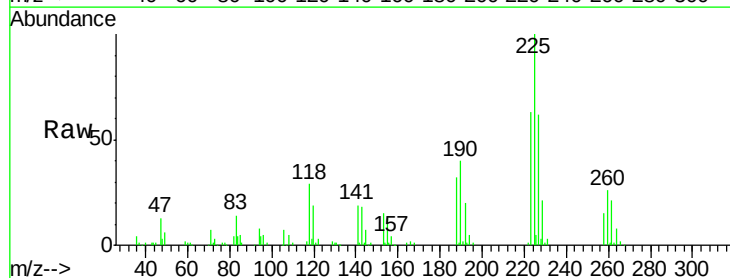


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

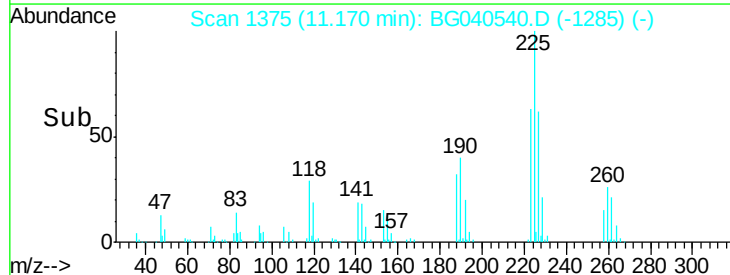
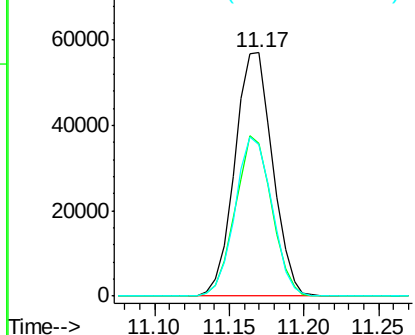


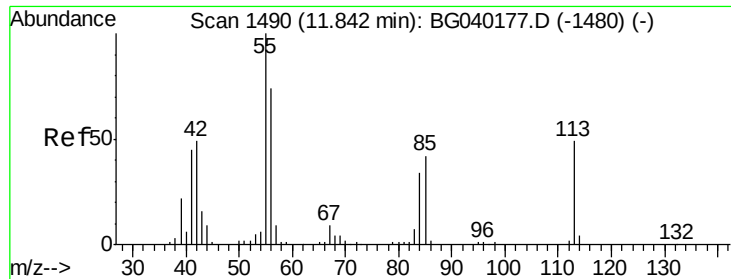
#34
Hexachlorobutadiene
Concen: 41.977 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:225	Resp:	100139
Ion	Ratio	Lower Upper
225	100	
223	62.8	51.8 77.8
227	62.3	54.9 82.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

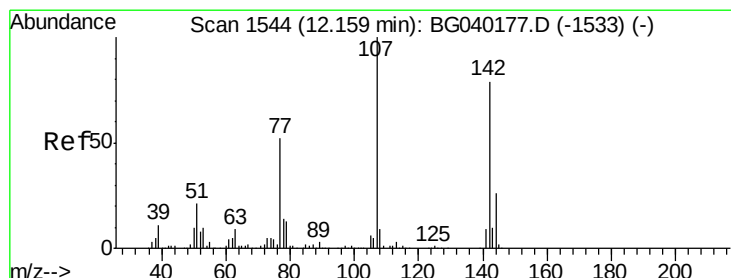
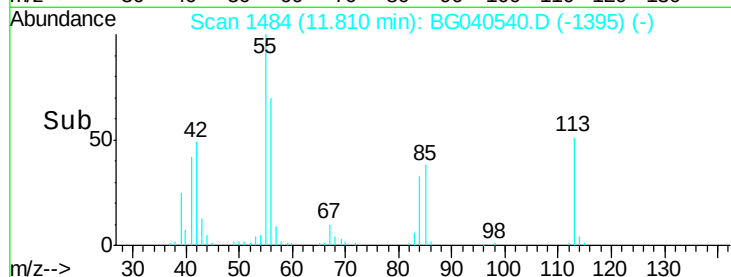
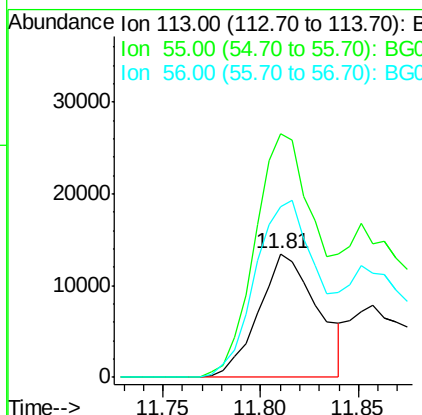
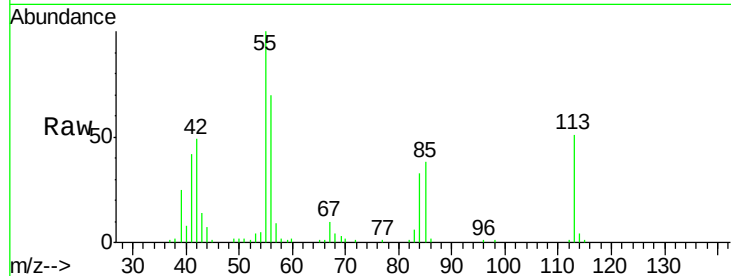




#35
 Caprolactam
 Concen: 20.925 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

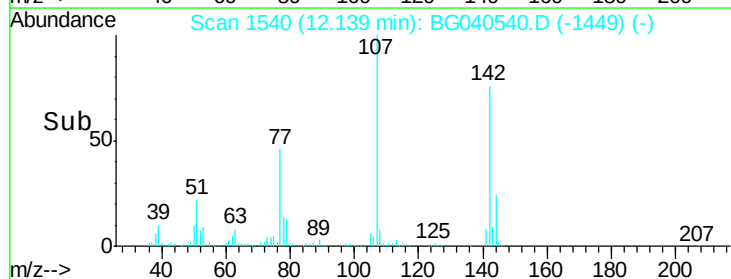
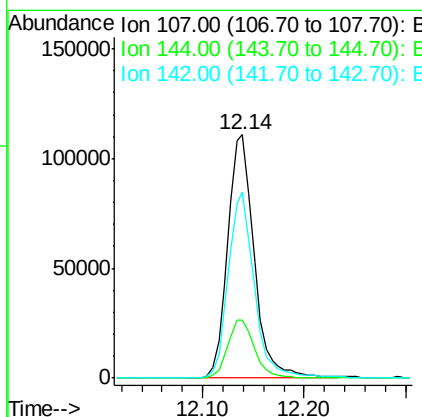
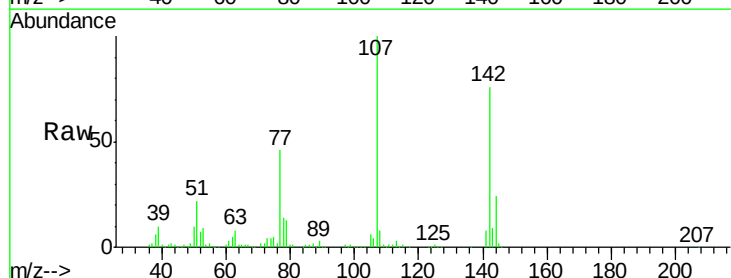
Instrument :
 BNA_G
 ClientSampled :

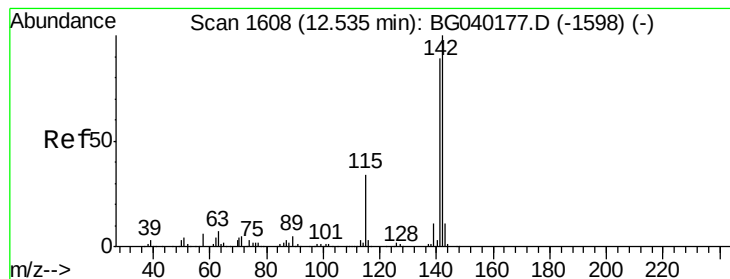
Tot Ion:113 Resp: 28208
 Ion Ratio Lower Upper
 113 100
 55 197.3 184.2 224.2
 56 138.4 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.659 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:107 Resp: 201744
 Ion Ratio Lower Upper
 107 100
 144 23.6 20.5 30.7
 142 76.4 63.1 94.7





#37

2-Methylnaphthalene

Concen: 46.862 ng

RT: 12.50 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

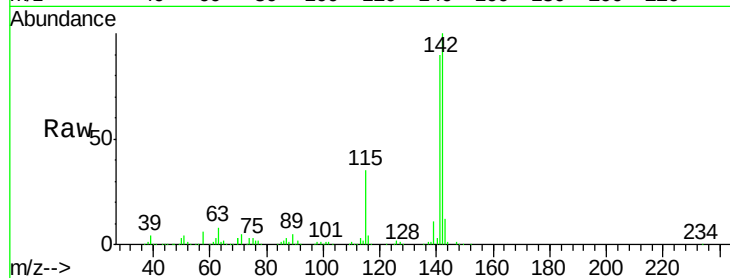
Tot Ion:142 Resp: 379162

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6

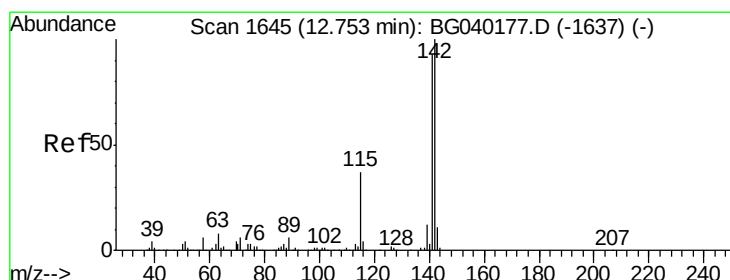
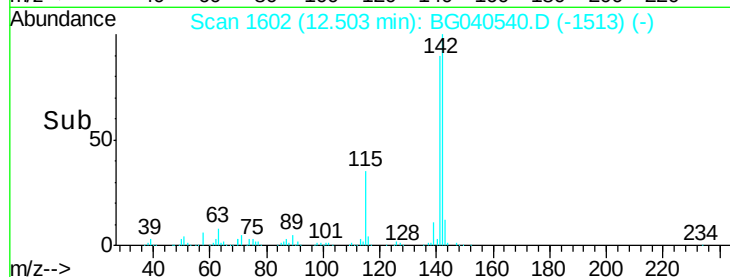
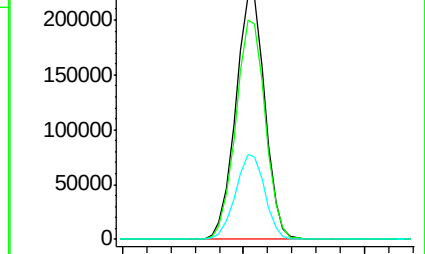
115 35.1 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.427 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

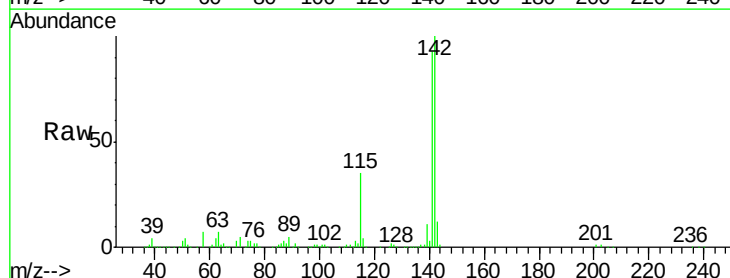
Tgt Ion:142 Resp: 364266

Ion Ratio Lower Upper

142 100

141 92.9 74.2 111.4

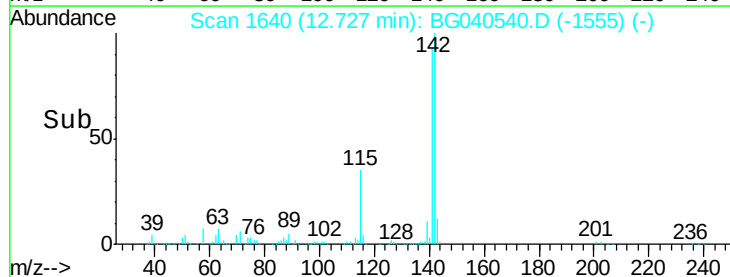
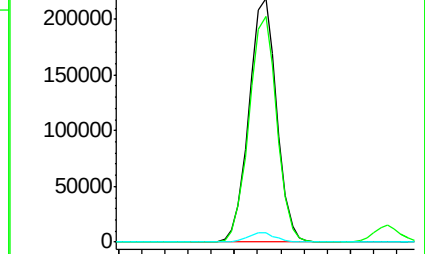
116 3.6 3.0 4.4

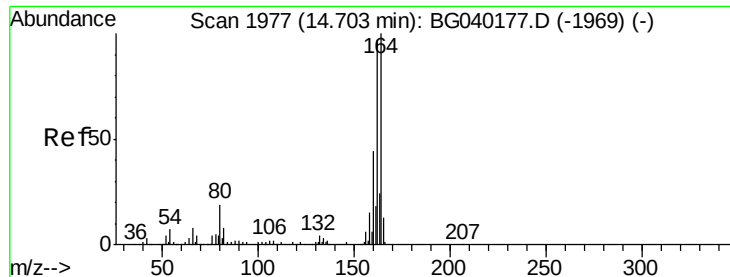


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

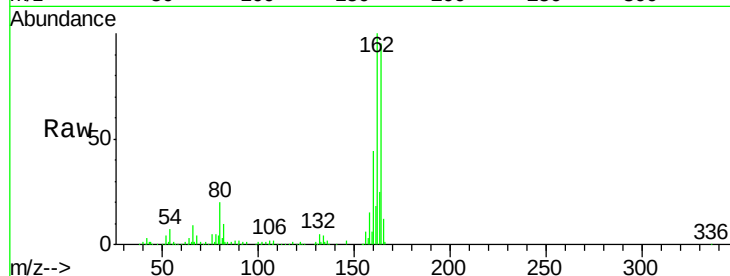
Tot Ion:164 Resp: 136609

Ion Ratio Lower Upper

164 100

162 105.2 77.4 116.2

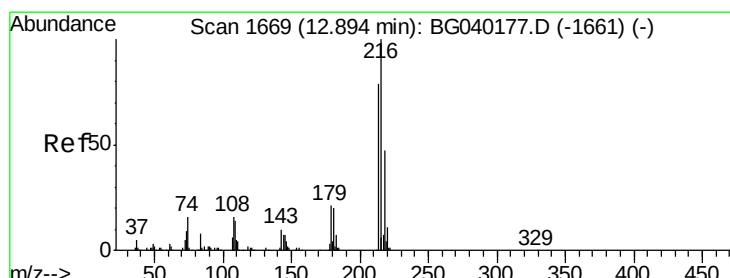
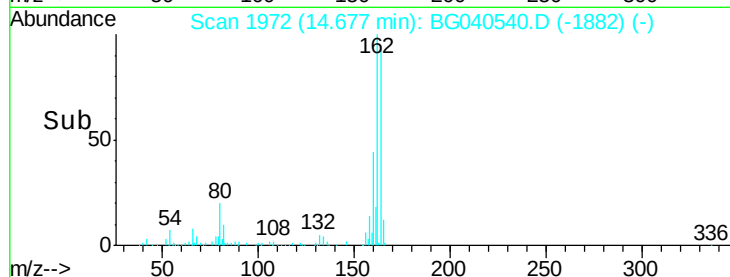
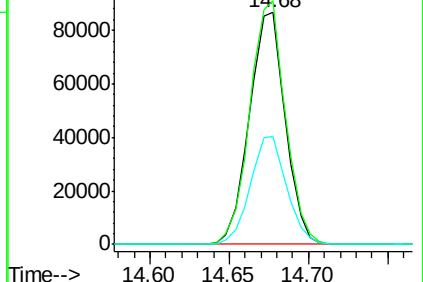
160 46.4 35.3 52.9



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: 43.667 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Tgt Ion:216 Resp: 189599

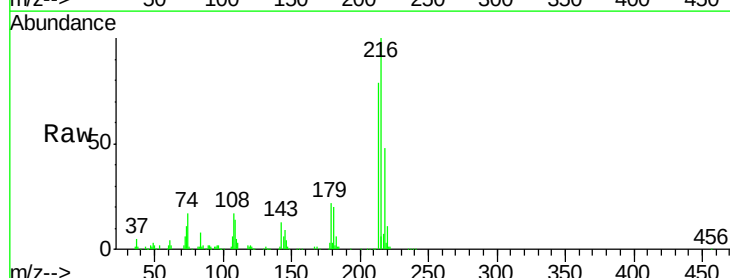
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 21.4 16.6 25.0

108 19.9 13.8 20.8

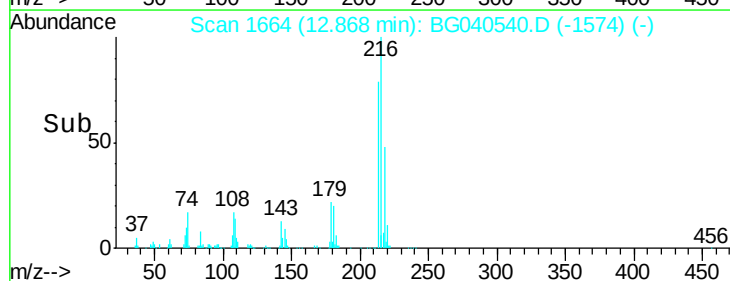
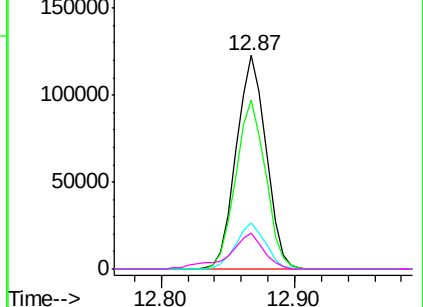


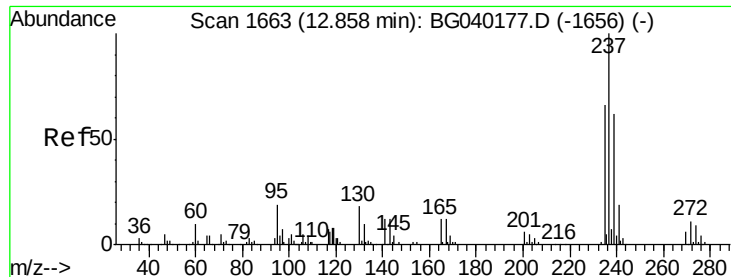
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.502 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

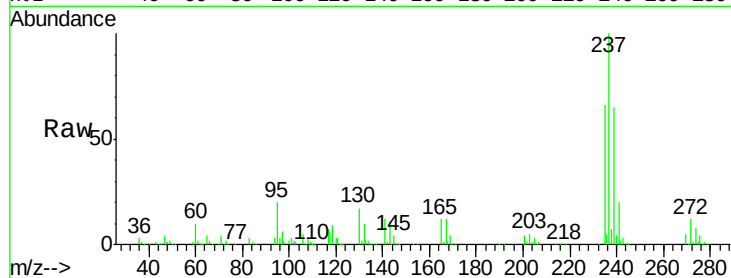
Tot Ion:237 Resp: 196686

Ion Ratio Lower Upper

237 100

235 65.7 46.2 86.2

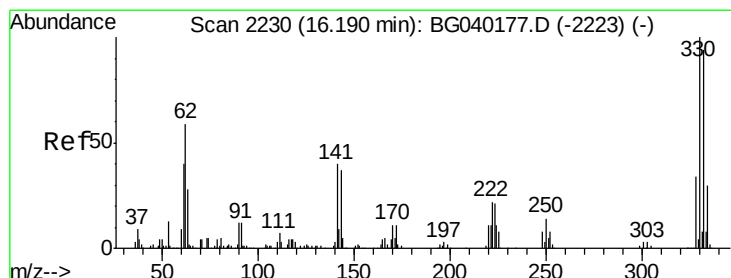
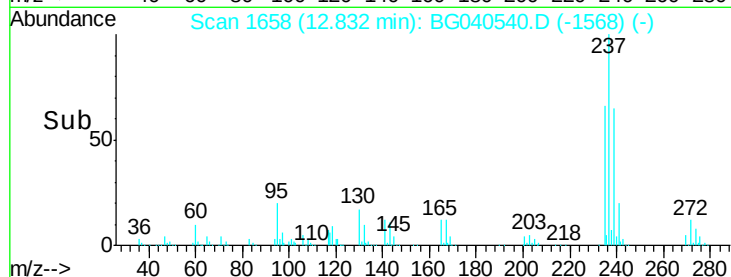
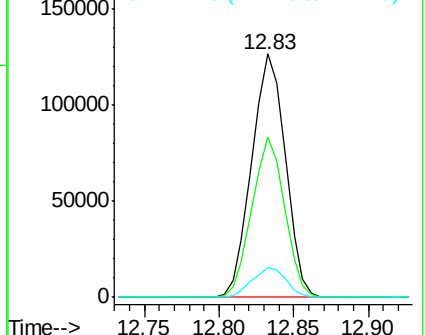
272 12.2 0.0 30.5



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: 150.697 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

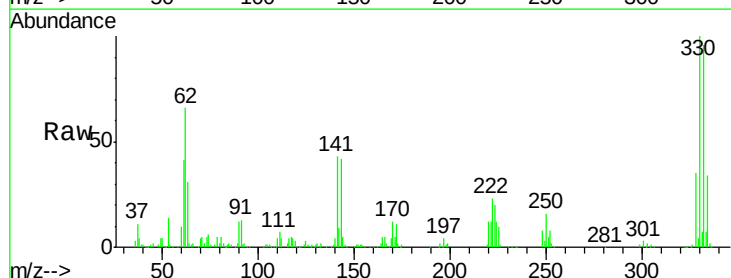
Tgt Ion:330 Resp: 222487

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

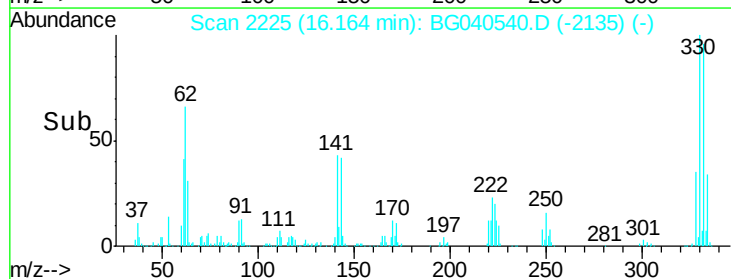
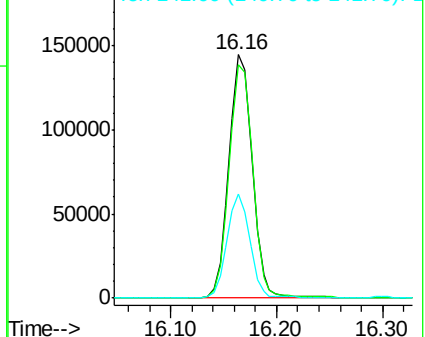
141 41.8 32.6 48.8

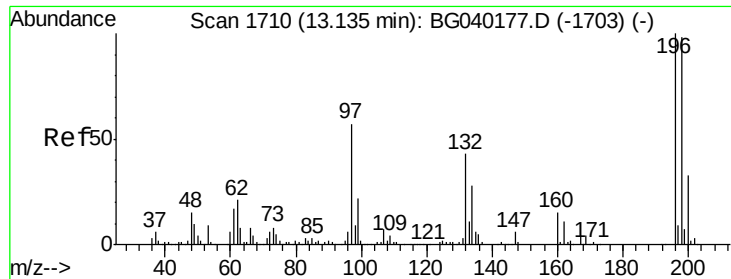


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

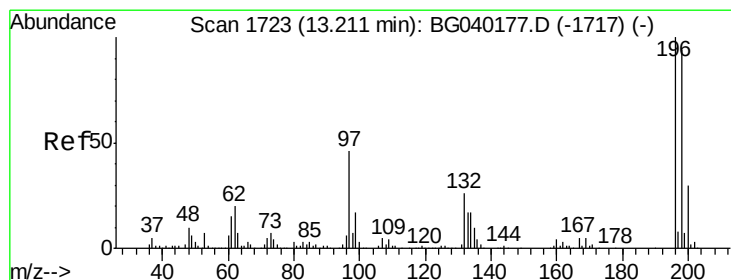
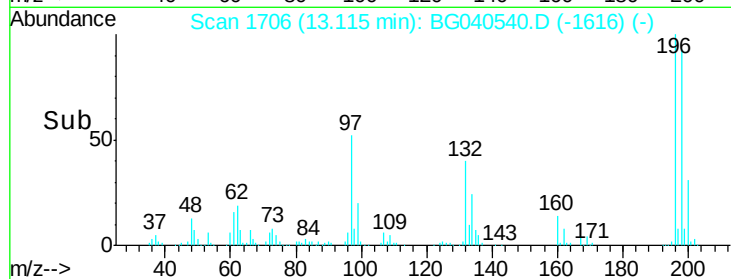
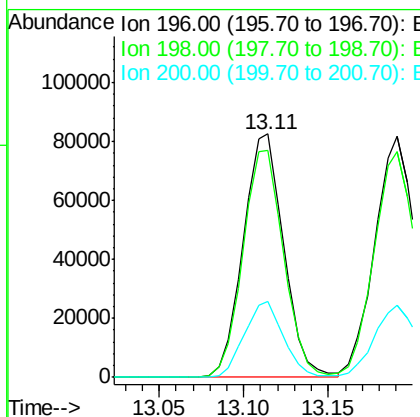
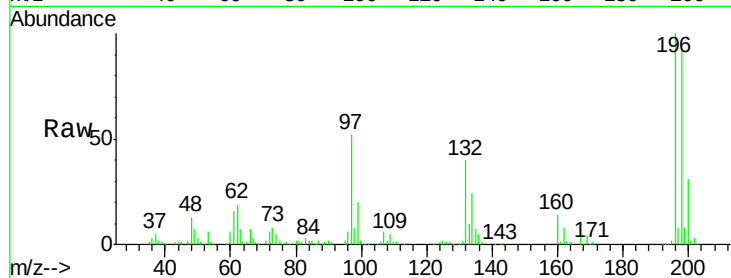




#43
 2,4,6-Trichlorophenol
 Concen: 49.197 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

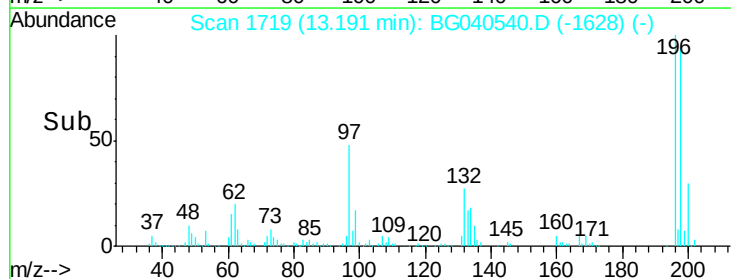
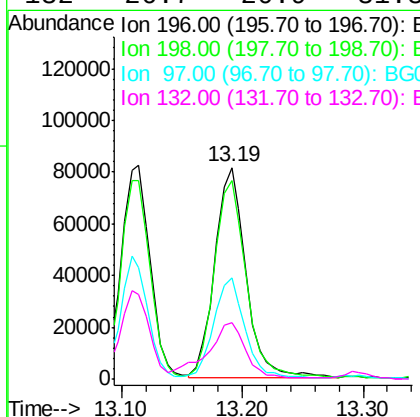
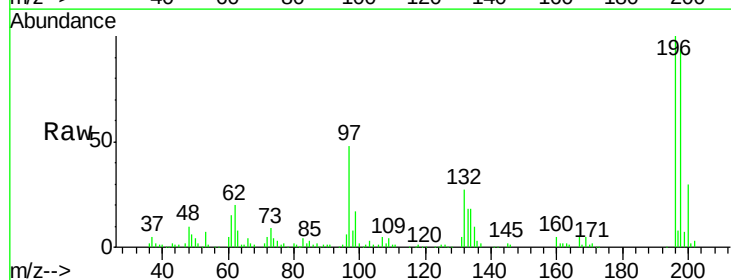
Instrument :
 BNA_G
 ClientSampled :

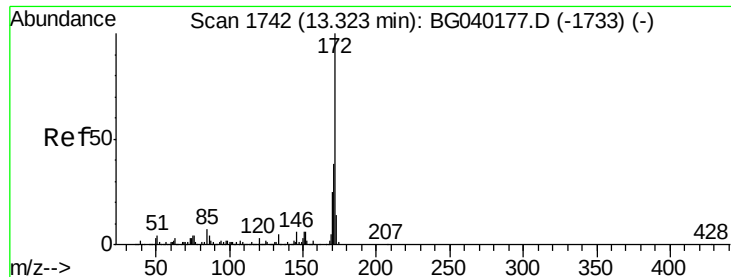
Tot Ion:196 Resp: 137720
 Ion Ratio Lower Upper
 196 100
 198 93.1 78.3 117.5
 200 31.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.485 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:196 Resp: 144888
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.0 112.6
 97 47.6 37.3 55.9
 132 26.7 20.9 31.3

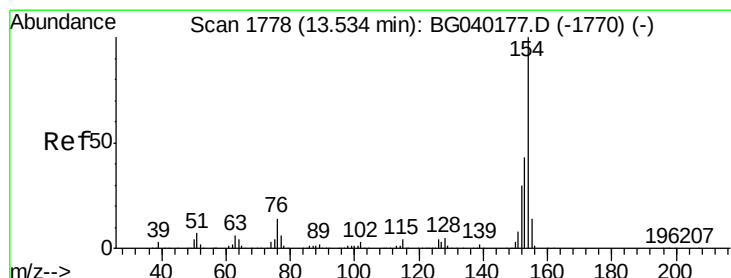
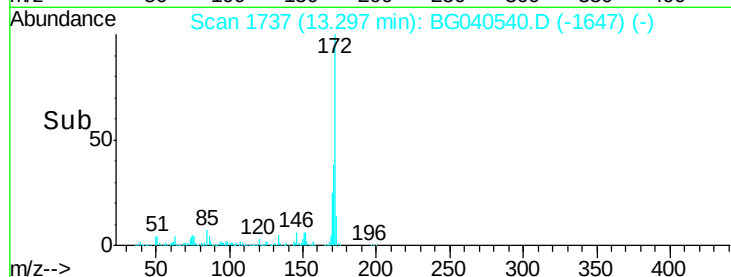
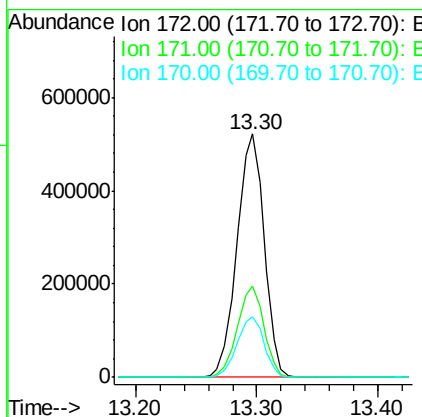
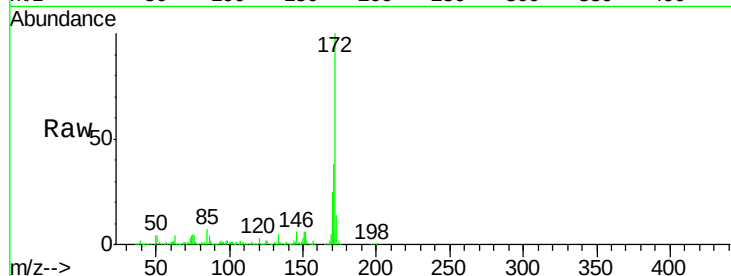




#45
2-Fluorobiphenyl
Concen: 88.820 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

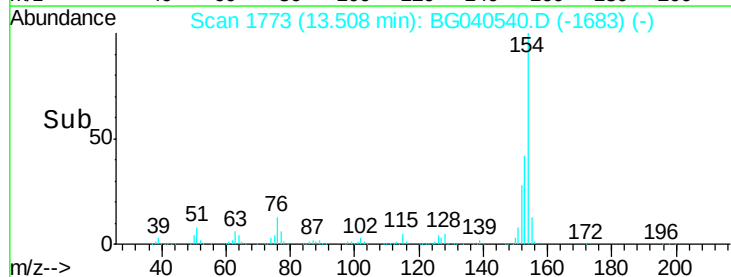
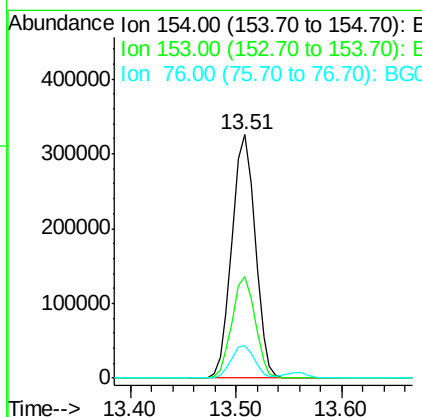
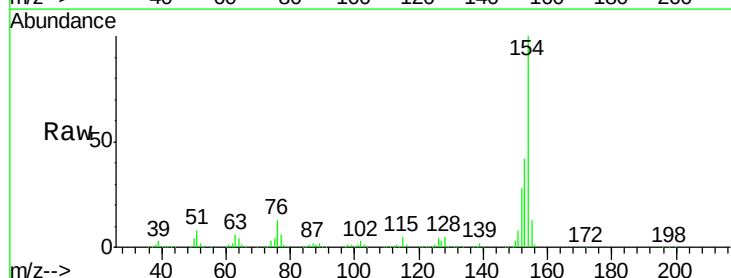
Instrument :
BNA_G
ClientSampleId :

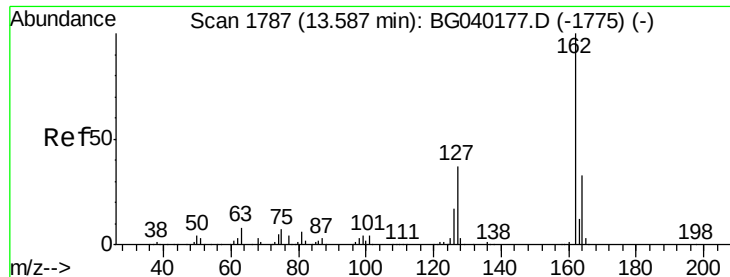
Tot Ion:172 Resp: 818868
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.9 20.1 30.1



#46
1,1'-Biphenyl
Concen: 45.953 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:154 Resp: 496010
Ion Ratio Lower Upper
154 100
153 41.9 22.5 62.5
76 13.4 0.0 33.7

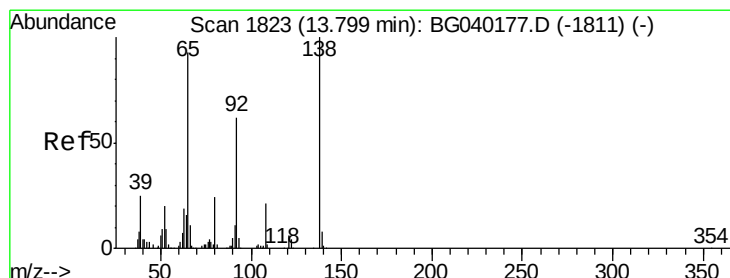
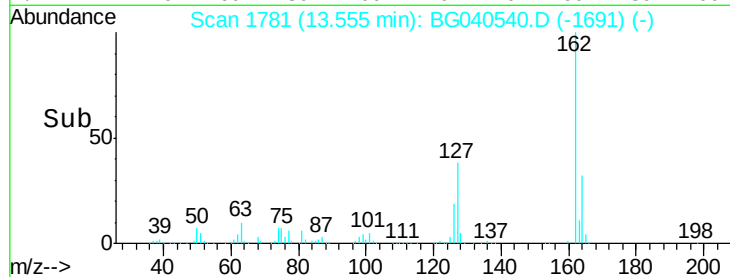
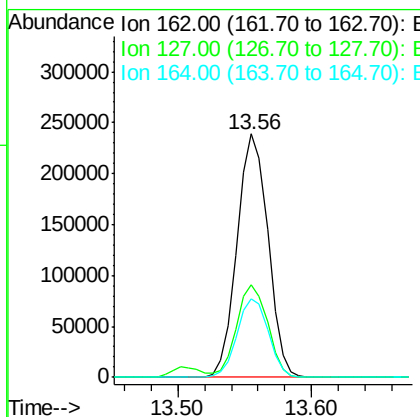
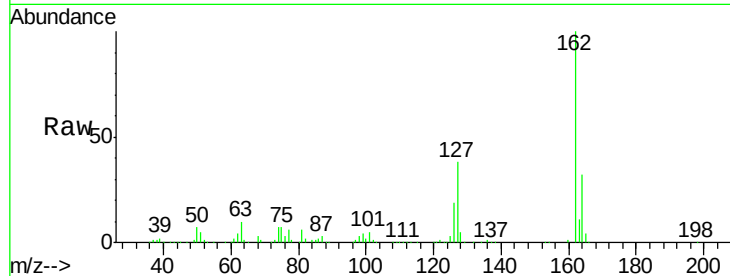




#47
 2-Chloronaphthalene
 Concen: 46.258 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

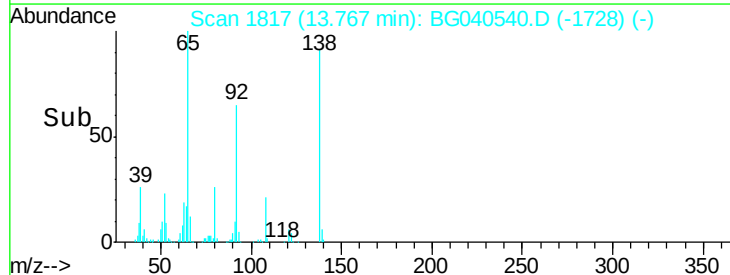
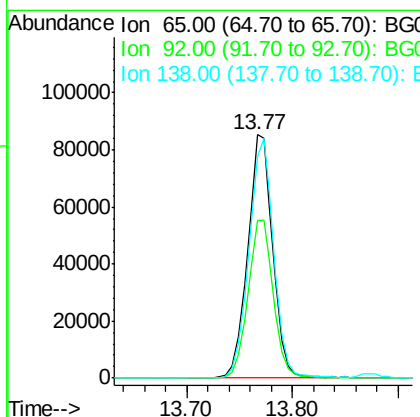
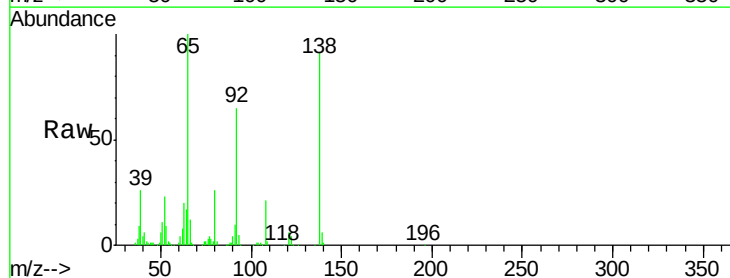
Instrument :
 BNA_G
 ClientSampleId :

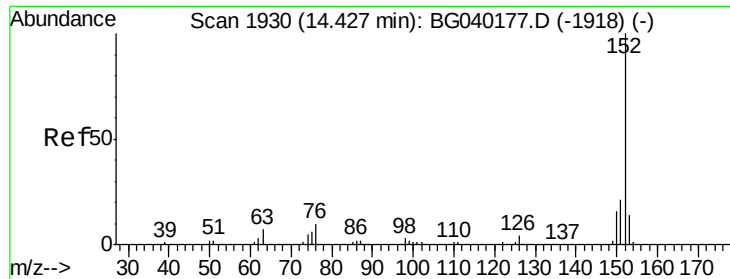
Tot Ion:162 Resp: 382996
 Ion Ratio Lower Upper
 162 100
 127 38.2 30.6 45.8
 164 32.1 26.2 39.4



#48
 2-Nitroaniline
 Concen: 50.428 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion: 65 Resp: 140835
 Ion Ratio Lower Upper
 65 100
 92 64.8 53.8 80.6
 138 91.0 86.3 129.5





#49

Acenaphthylene

Concen: 45.811 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampled :

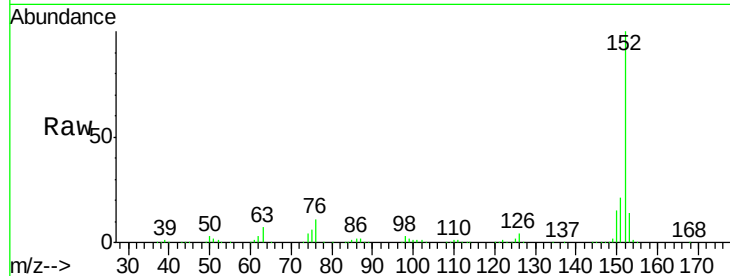
Tot Ion:152 Resp: 643091

Ion Ratio Lower Upper

152 100

151 21.0 17.0 25.6

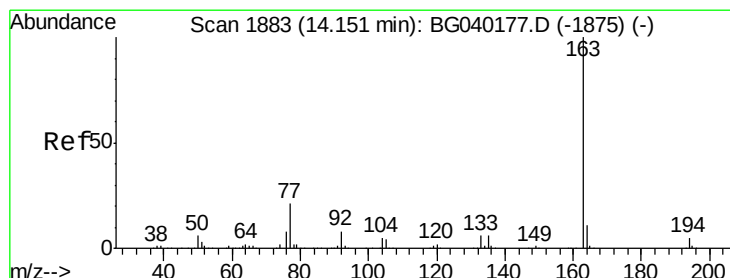
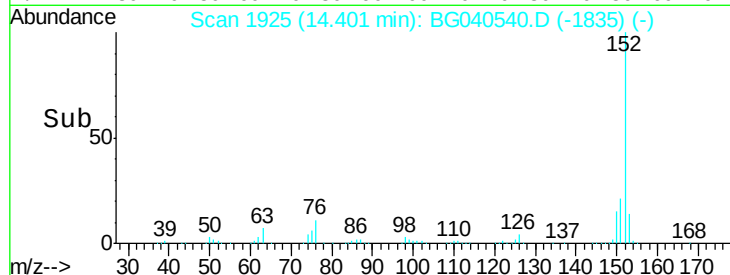
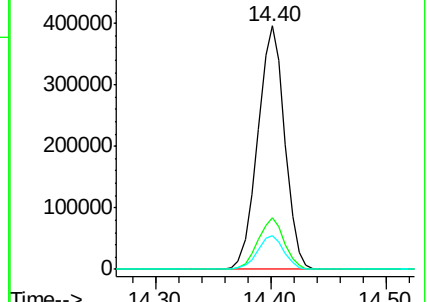
153 13.9 10.8 16.2



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: 49.927 ng

RT: 14.13 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

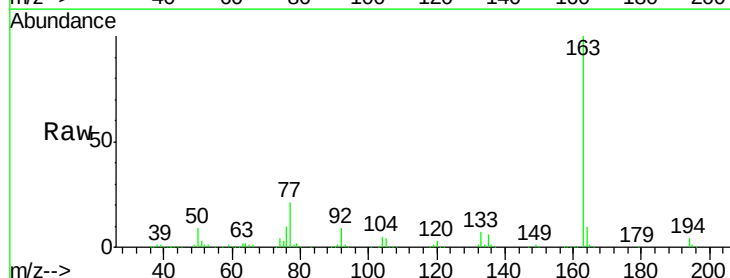
Tgt Ion:163 Resp: 533792

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

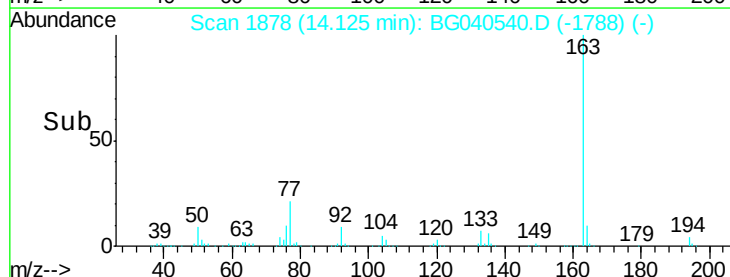
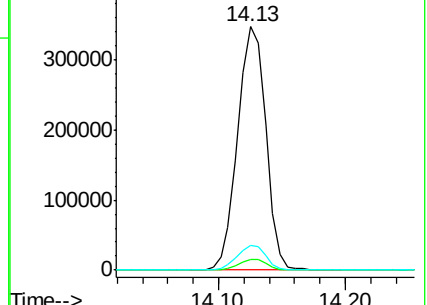
164 10.3 8.6 13.0

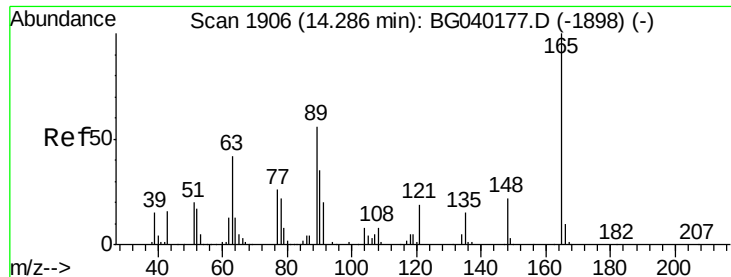


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.039 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

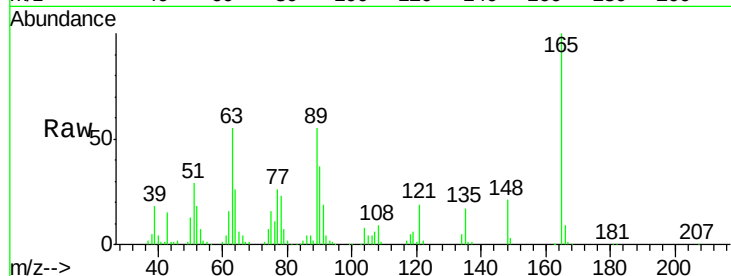
Tot Ion:165 Resp: 120127

Ion Ratio Lower Upper

165 100

63 55.0 44.1 66.1

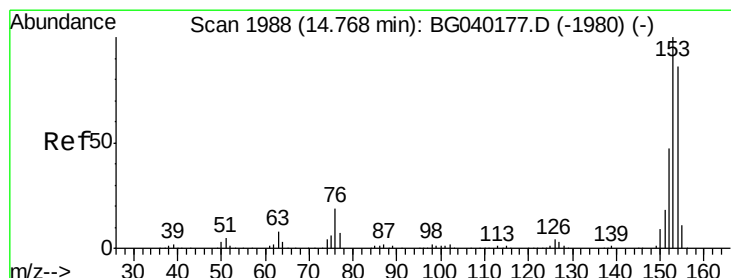
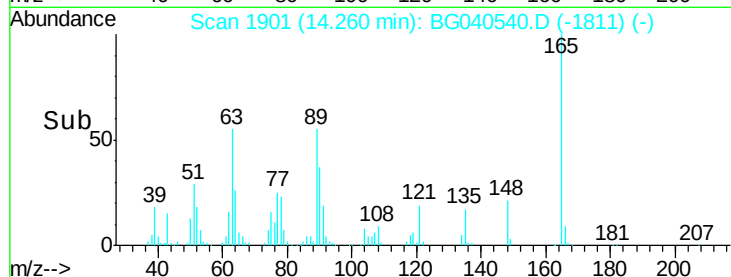
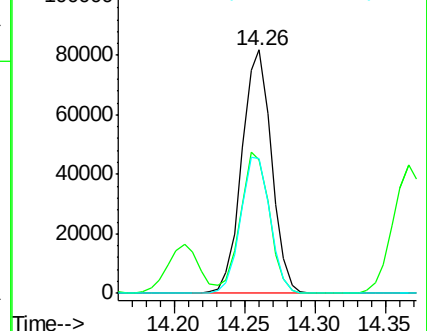
89 55.1 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 47.008 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

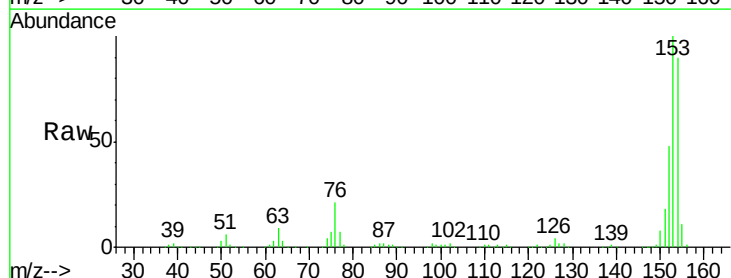
Tgt Ion:154 Resp: 378131

Ion Ratio Lower Upper

154 100

153 110.9 92.8 139.2

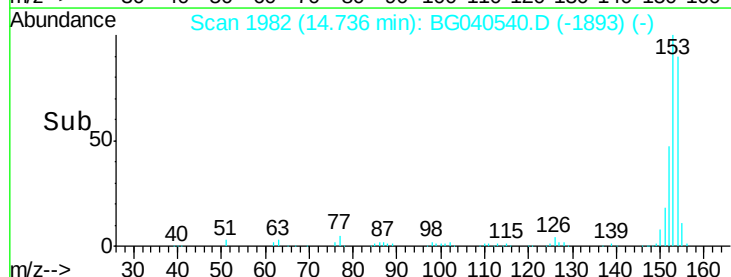
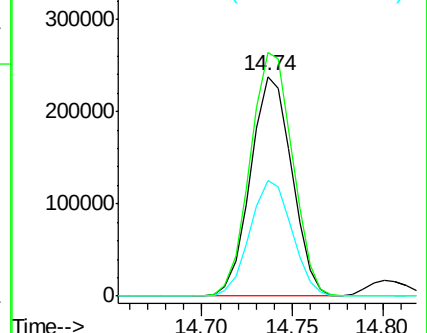
152 52.8 43.4 65.2

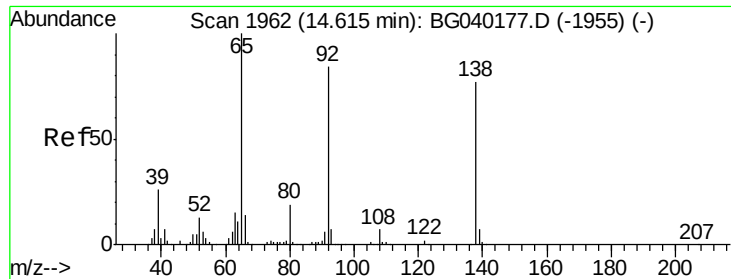


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 3.175 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

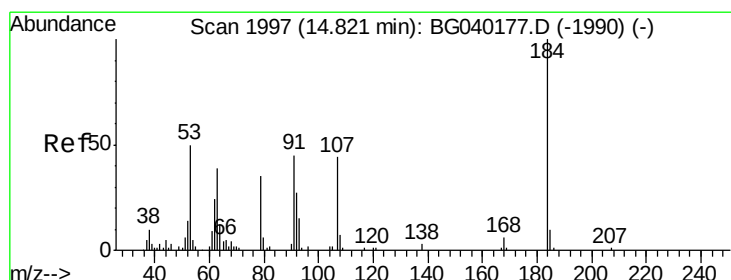
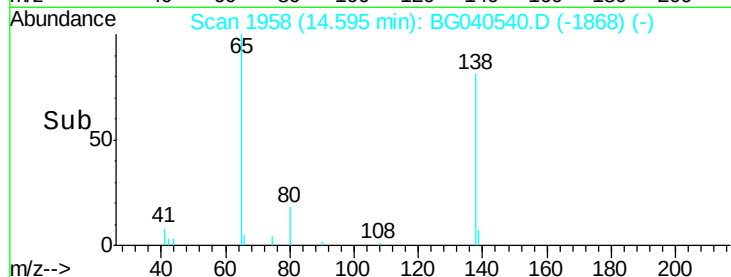
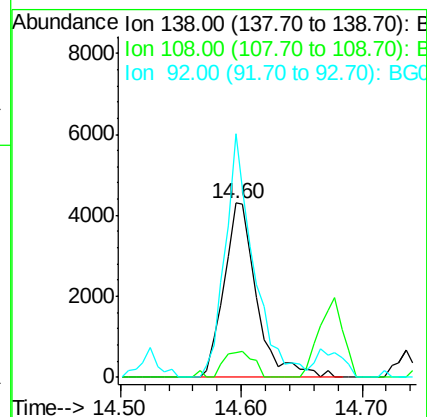
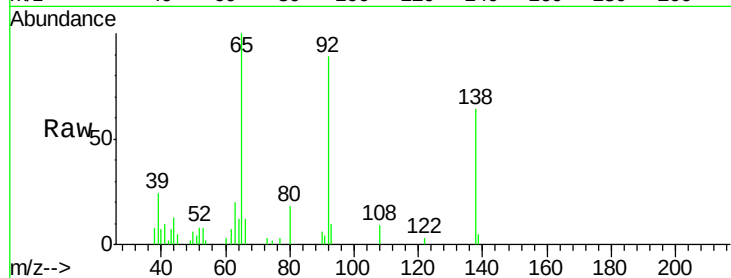
Tot Ion:138 Resp: 8067

Ion Ratio Lower Upper

138 100

108 14.0 7.8 11.8#

92 139.6 87.5 131.3#



#54

2,4-Dinitrophenol

Concen: 38.568 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

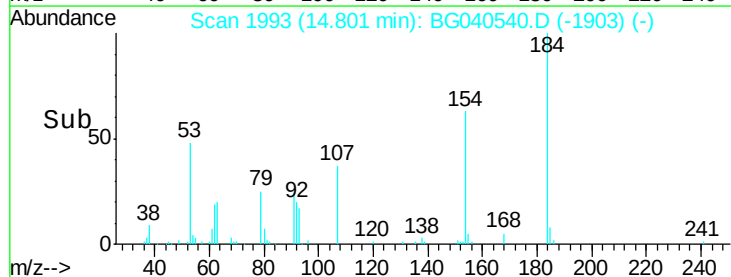
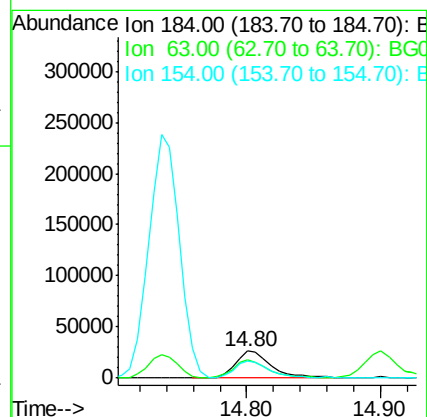
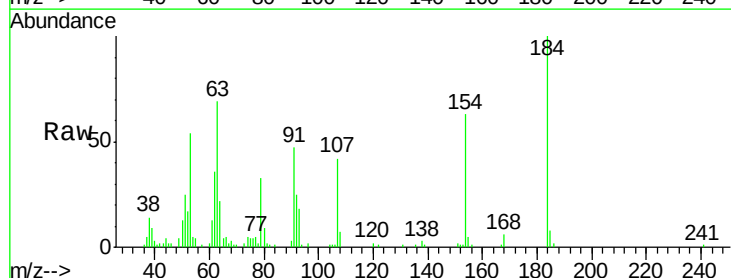
Tgt Ion:184 Resp: 49240

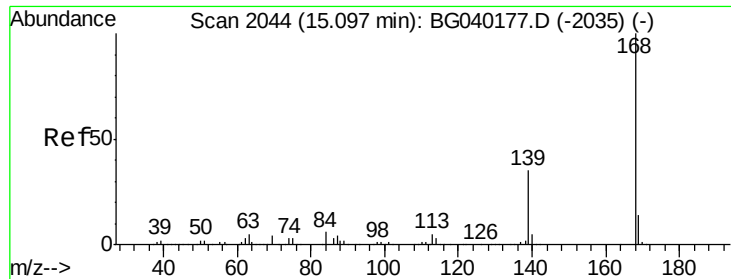
Ion Ratio Lower Upper

184 100

63 69.0 51.8 77.8

154 63.3 50.9 76.3

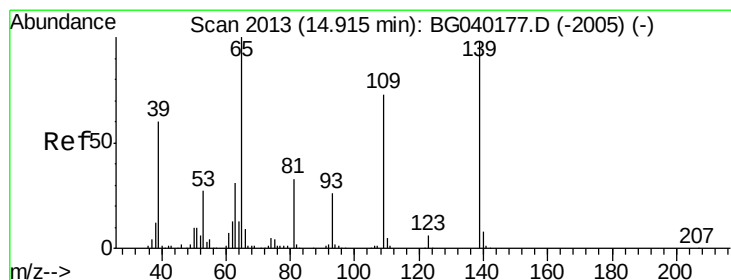
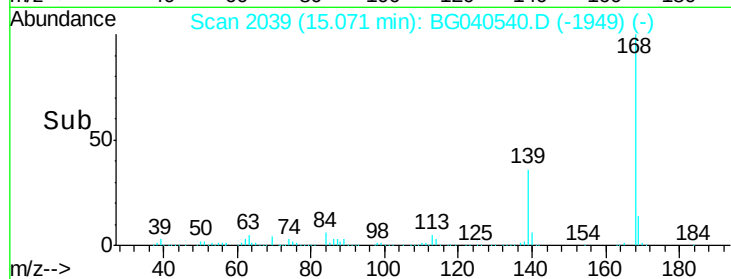
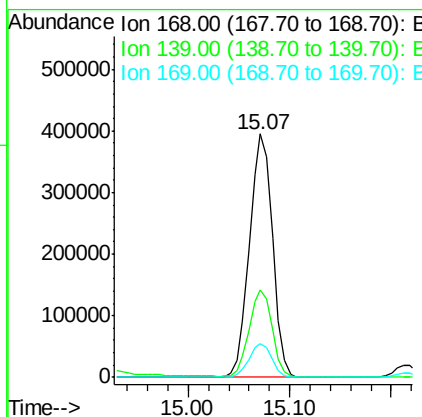
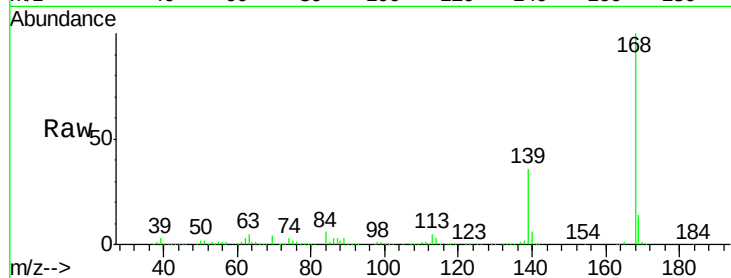




#55
Dibenzenofuran
Concen: 47.988 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

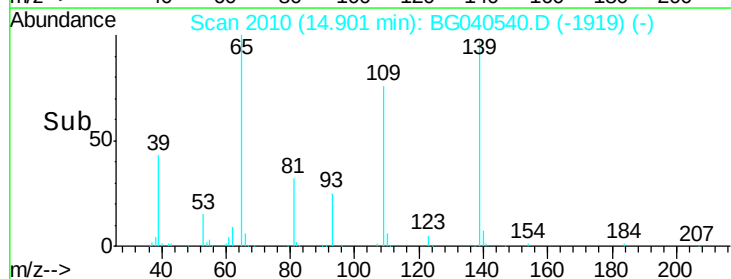
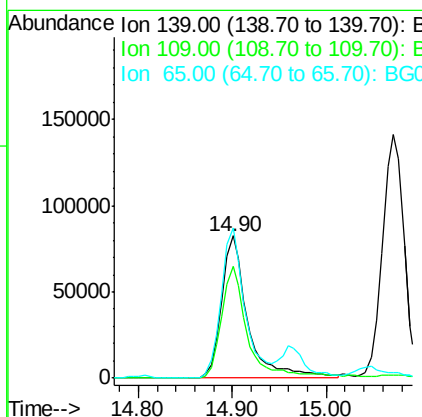
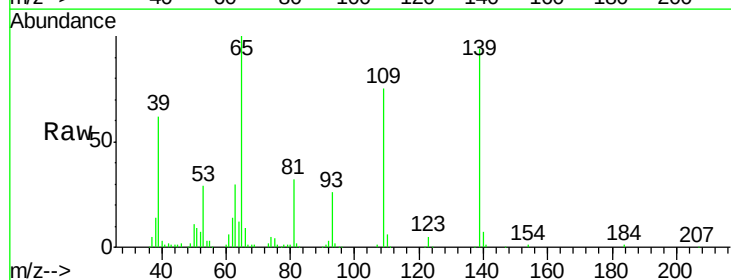
Instrument :
BNA_G
ClientSampleId :

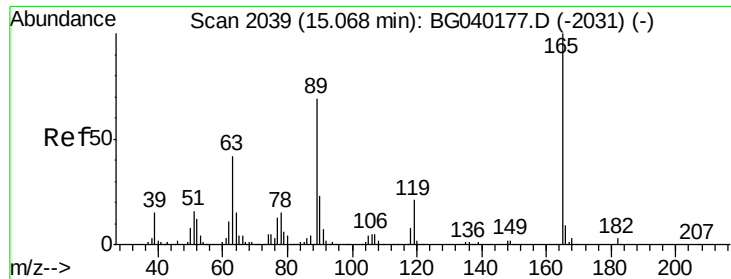
Tot Ion:168 Resp: 620261
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 13.8 11.3 16.9



#56
4-Nitrophenol
Concen: 78.482 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:139 Resp: 160960
Ion Ratio Lower Upper
139 100
109 78.9 54.3 94.3
65 105.9 82.5 122.5

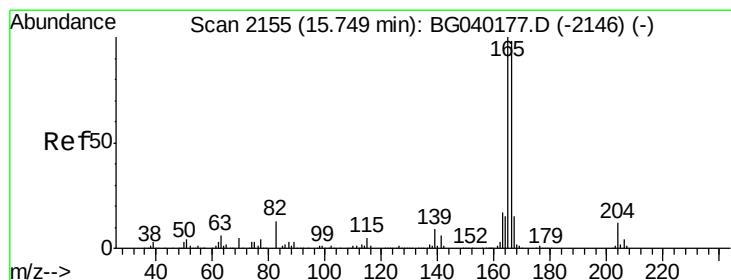
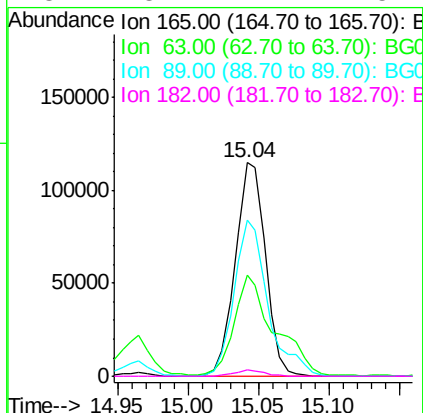
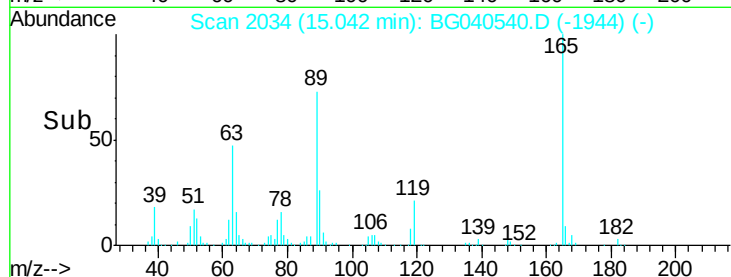
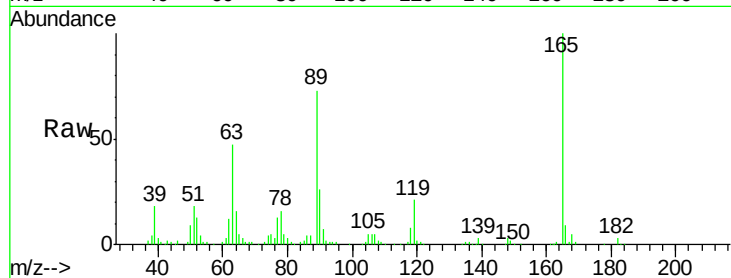




#57
 2,4-Dinitrotoluene
 Concen: 51.387 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

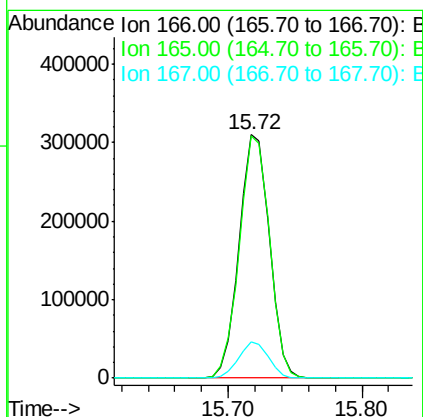
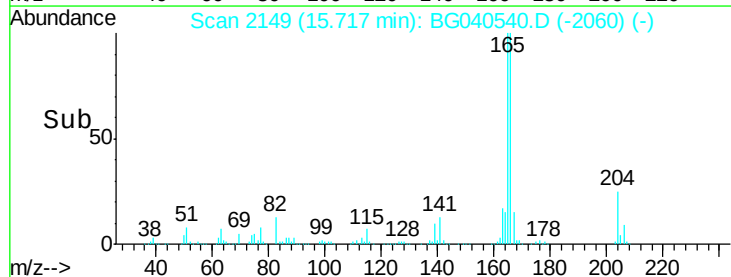
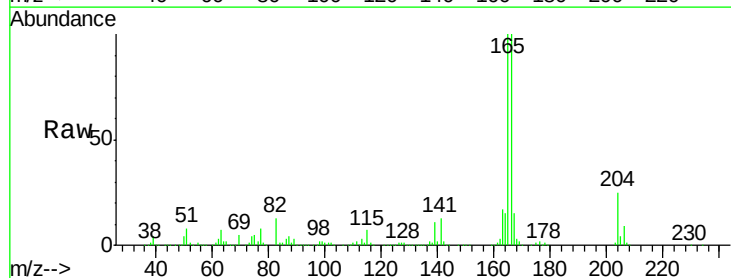
Instrument :
 BNA_G
 ClientSampleId :

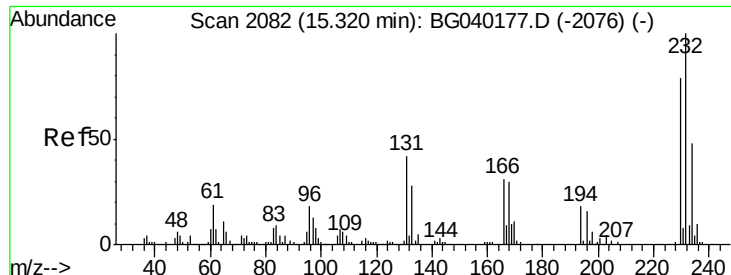
Tot Ion:165 Resp: 171413
 Ion Ratio Lower Upper
 165 100
 63 47.1 33.8 50.6
 89 72.9 55.4 83.2
 182 3.1 2.2 3.4



#58
 Fluorene
 Concen: 47.861 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:166 Resp: 486371
 Ion Ratio Lower Upper
 166 100
 165 99.7 81.7 122.5
 167 15.0 11.9 17.9

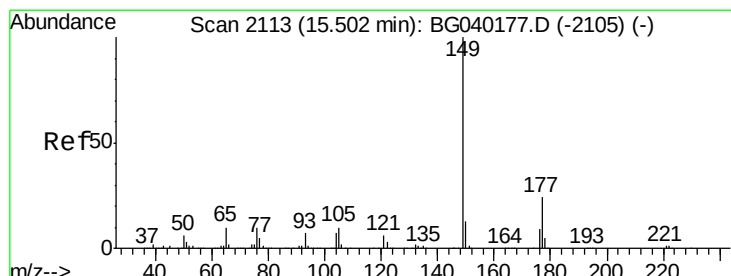
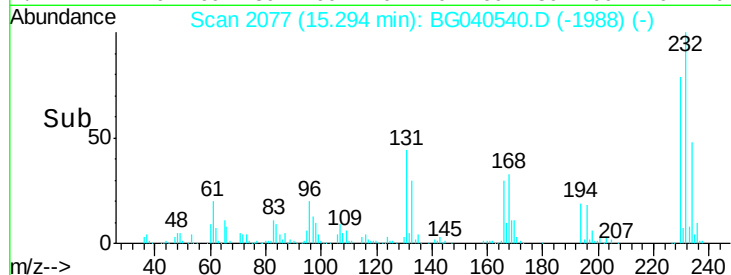
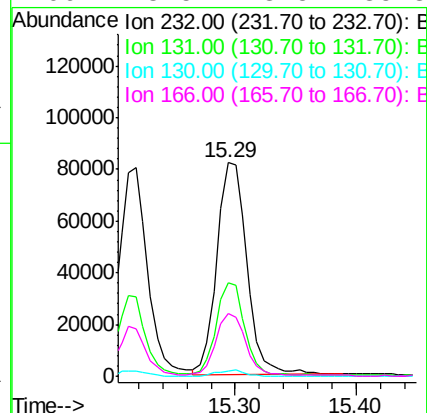
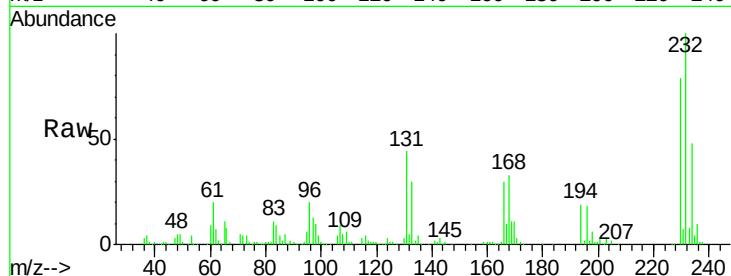




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.882 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

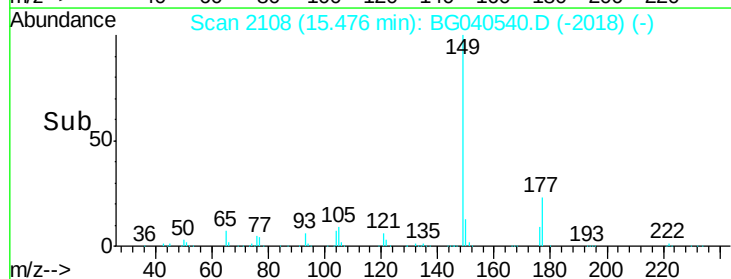
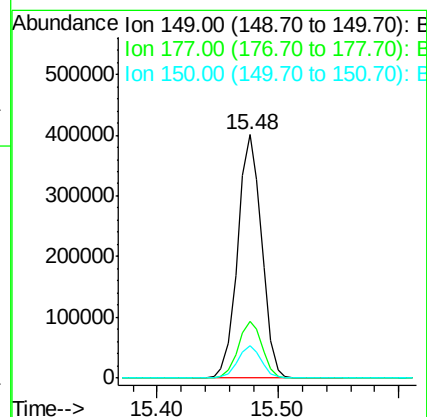
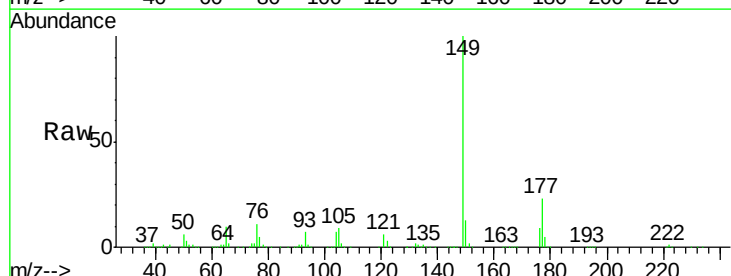
Instrument :
 BNA_G
 ClientSampleId :

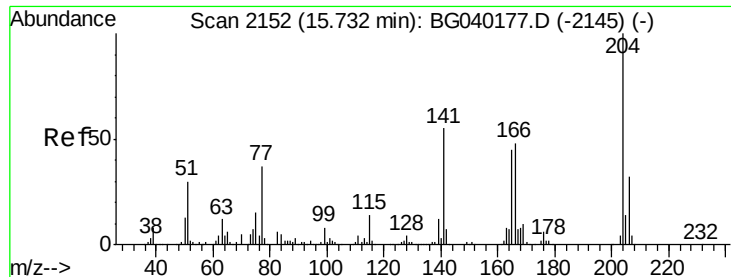
Tot Ion:	232	Resp:	140884
Ion	Ratio	Lower	Upper
232	100		
131	40.6	32.9	49.3
130	2.5	1.8	2.8
166	28.5	23.5	35.3



#60
 Diethylphthalate
 Concen: 50.564 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:	149	Resp:	553196
Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.1	28.7
150	13.1	10.6	15.8

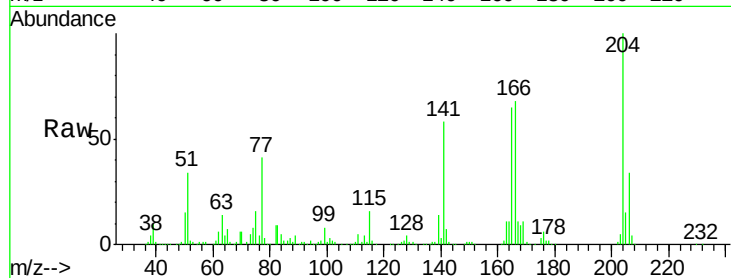




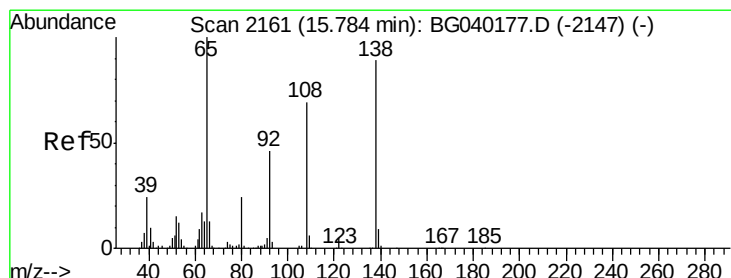
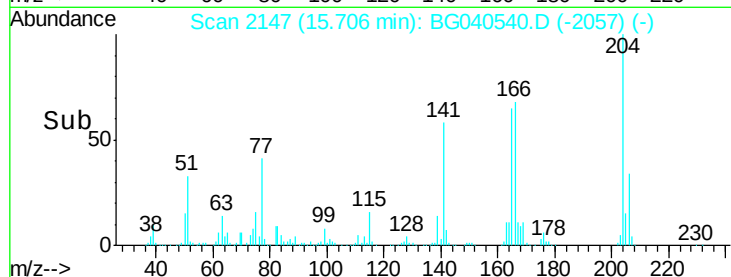
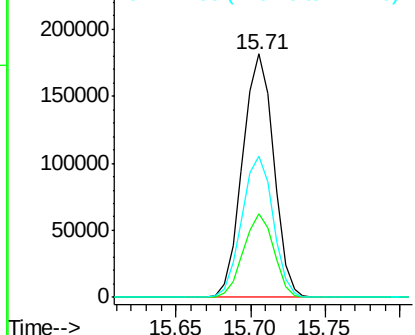
#61
4-Chlorophenyl-phenylether
Concen: 48.228 ng
RT: 15.71 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 261974
Ion Ratio Lower Upper
204 100
206 34.2 25.7 38.5
141 58.2 44.0 66.0

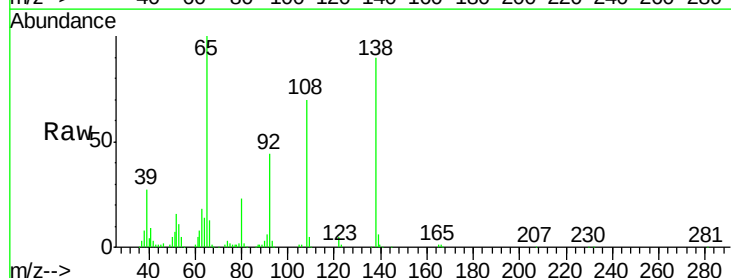


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

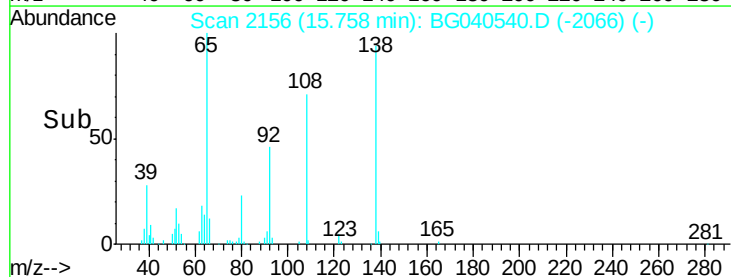
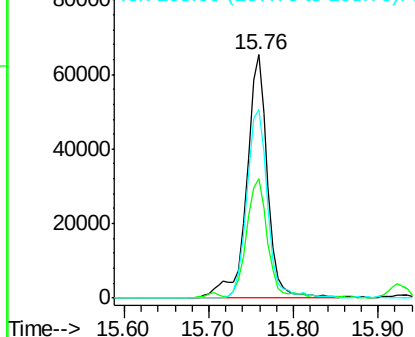


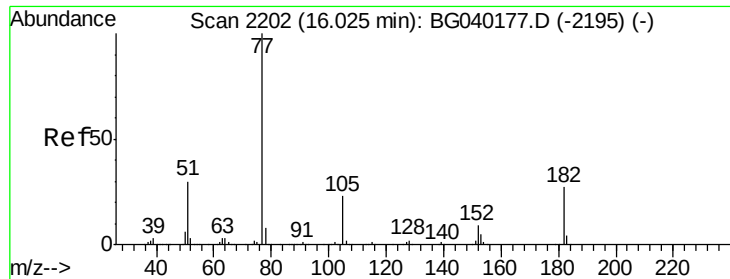
#62
4-Nitroaniline
Concen: 41.424 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:138 Resp: 112968
Ion Ratio Lower Upper
138 100
92 49.2 31.8 71.8
108 77.6 57.2 97.2



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





#63

Azobenzene

Concen: 49.794 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 513863

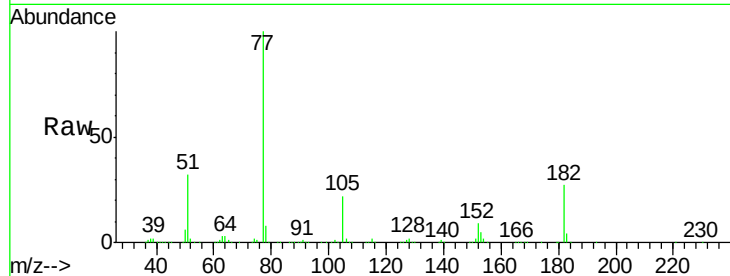
Ion Ratio Lower Upper

77 100

182 26.9 7.2 47.2

105 21.7 2.8 42.8

51 32.2 10.4 50.4

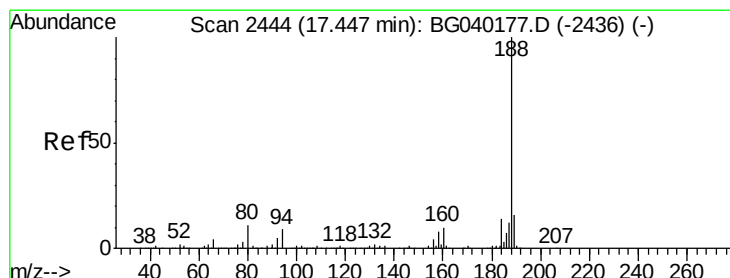
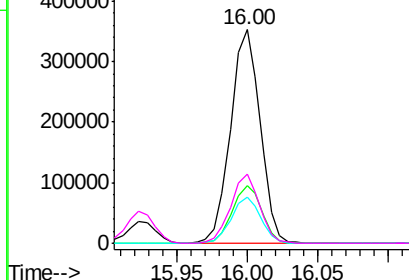
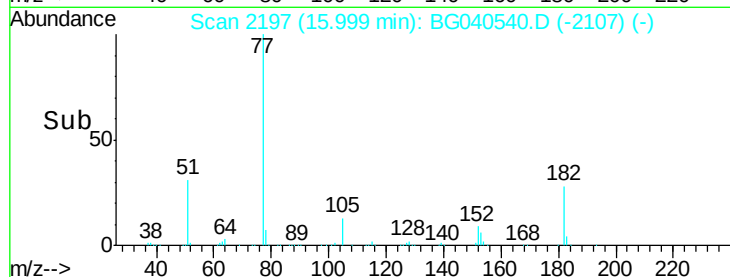


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

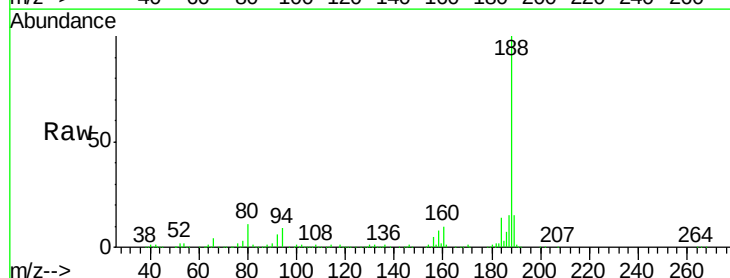
Tgt Ion: 188 Resp: 331806

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

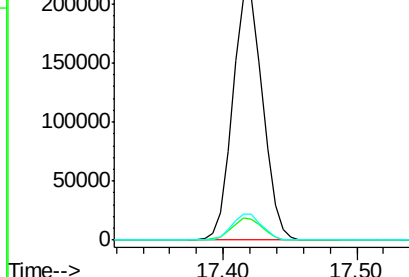
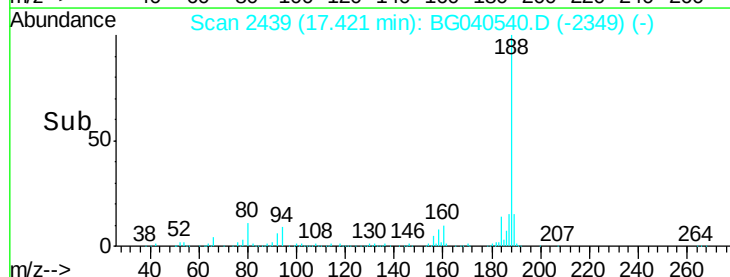
80 10.9 8.6 13.0

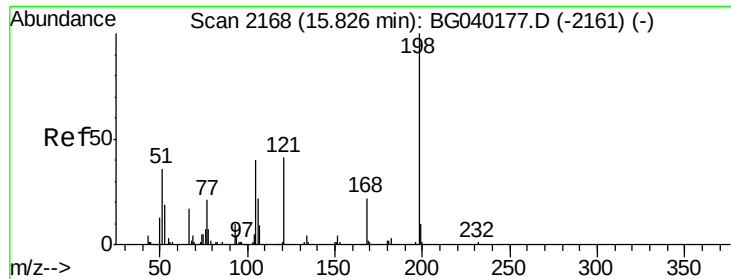


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

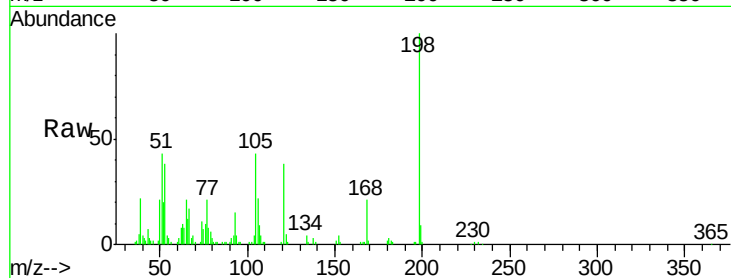




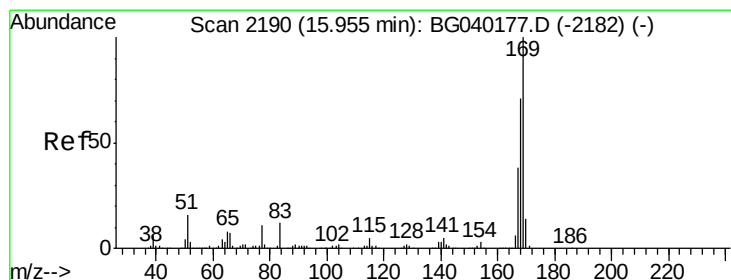
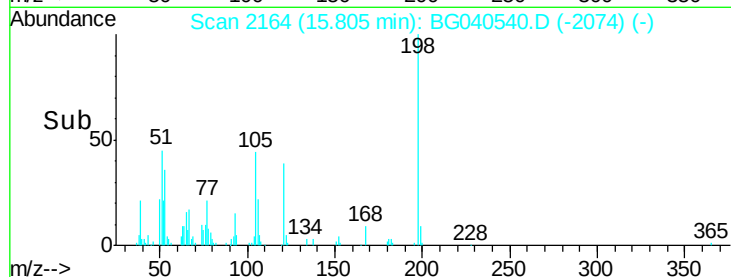
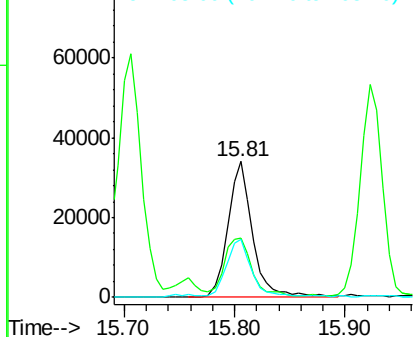
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.618 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 53348
 Ion Ratio Lower Upper
 198 100
 51 43.3 27.3 67.3
 105 43.0 21.7 61.7

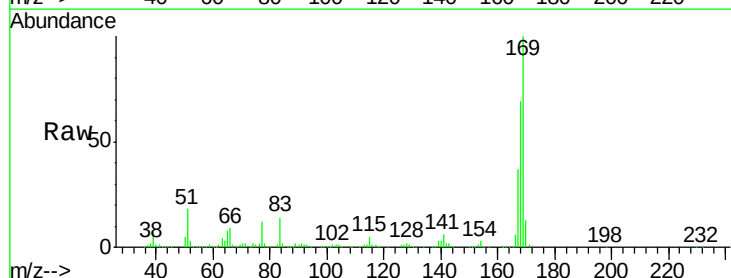


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

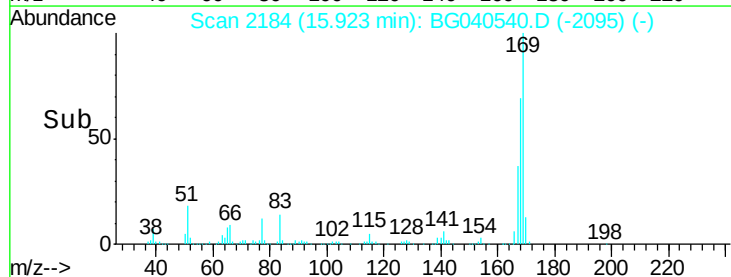
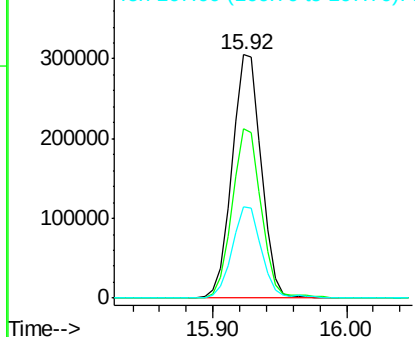


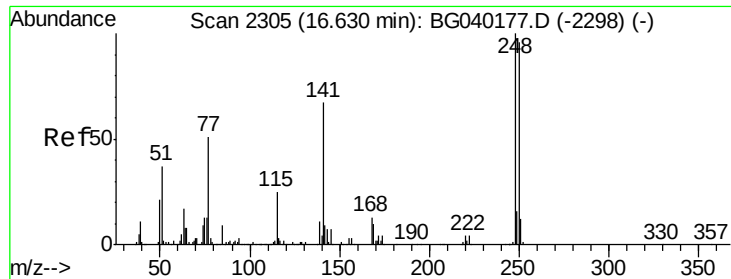
#66
 n-Nitrosodiphenylamine
 Concen: 47.613 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:169 Resp: 462301
 Ion Ratio Lower Upper
 169 100
 168 69.4 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

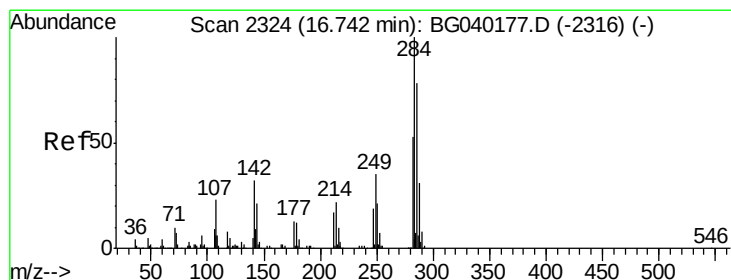
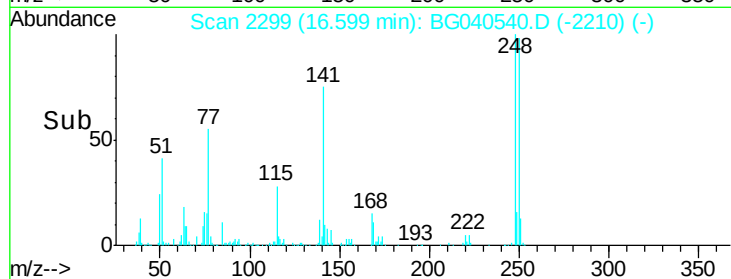
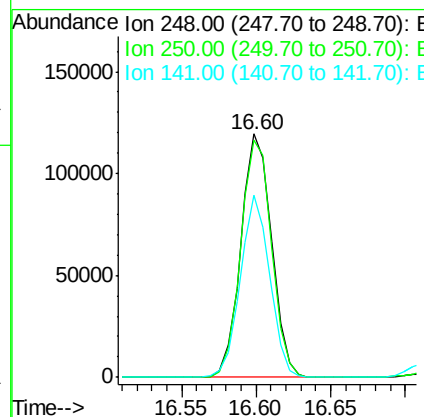
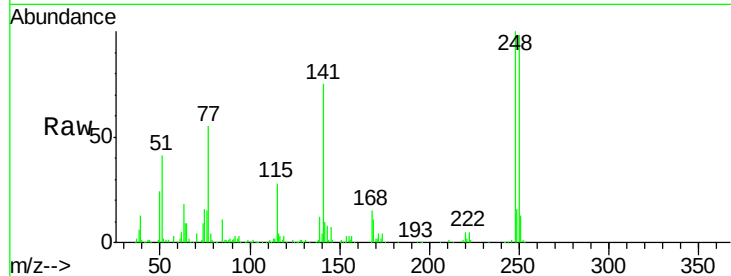




#67
 4-Bromophenyl-phenylether
 Concen: 45.600 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

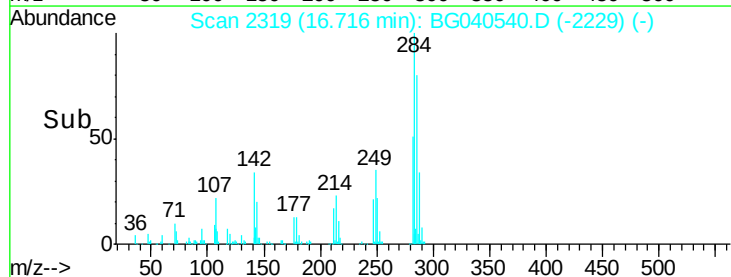
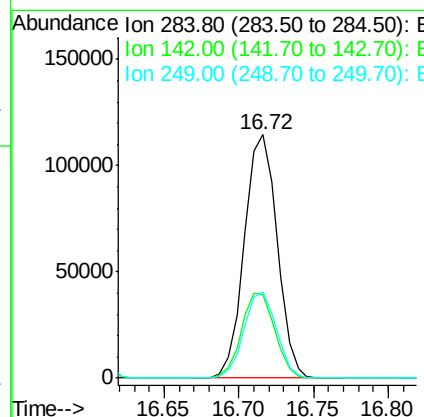
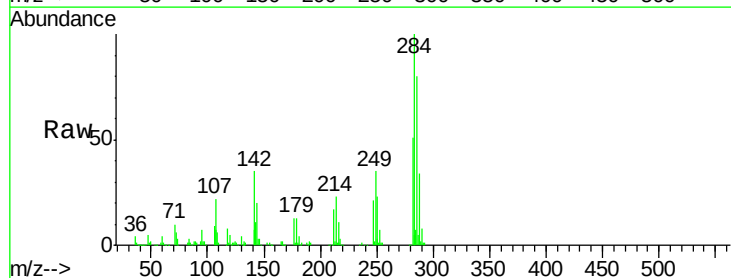
Instrument :
 BNA_G
 ClientSampleId :

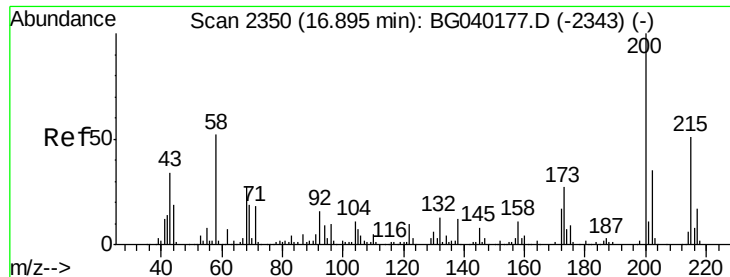
Tot Ion:248 Resp: 170269
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.4 114.6
 141 74.7 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 46.431 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:284 Resp: 174318
 Ion Ratio Lower Upper
 284 100
 142 34.5 25.3 37.9
 249 35.3 28.2 42.2





#69

Atrazine

Concen: 47.086 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

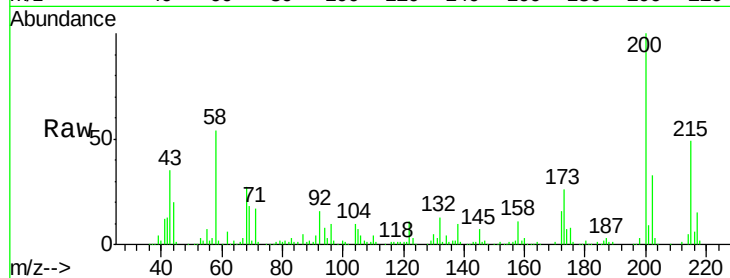
Tot Ion:200 Resp: 170069

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

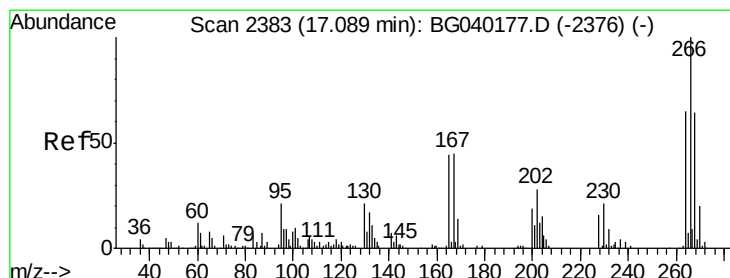
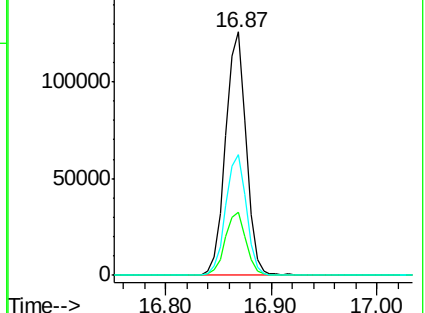
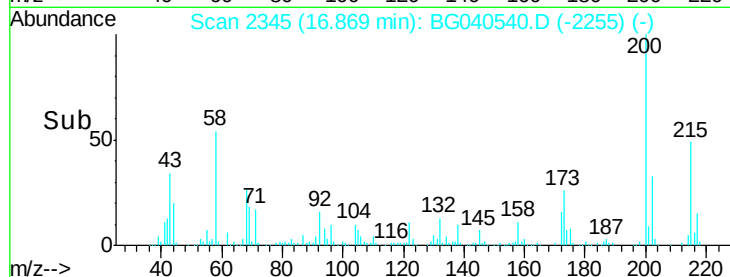
215 49.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 63.584 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

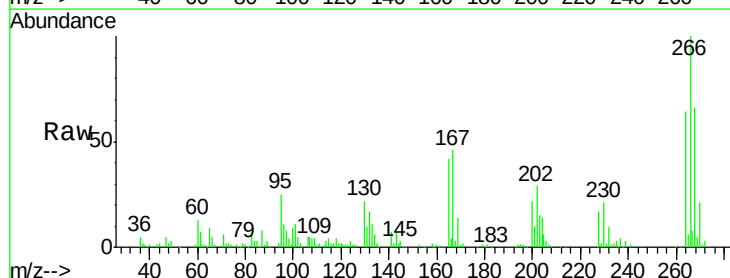
Tgt Ion:266 Resp: 138012

Ion Ratio Lower Upper

266 100

268 70.4 55.0 82.4

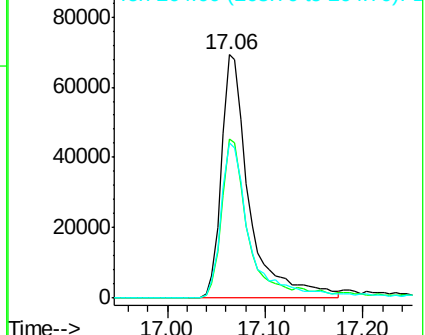
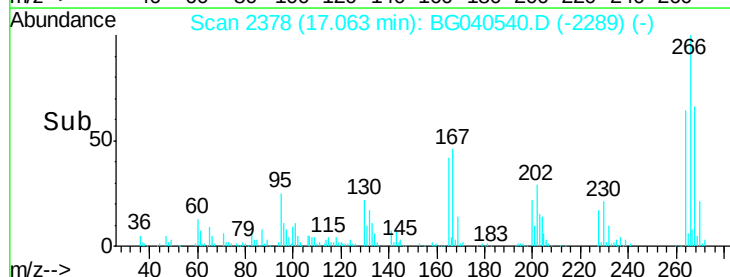
264 63.7 51.8 77.8

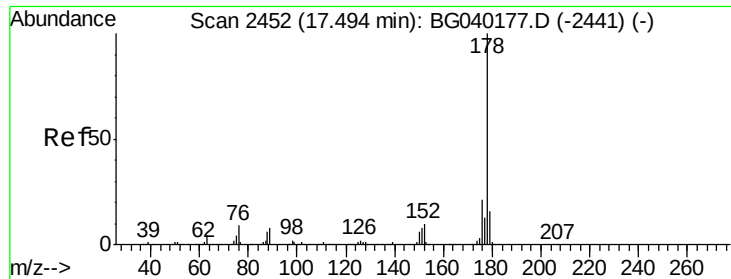


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

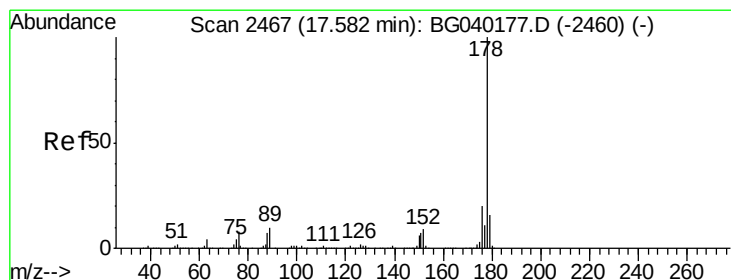
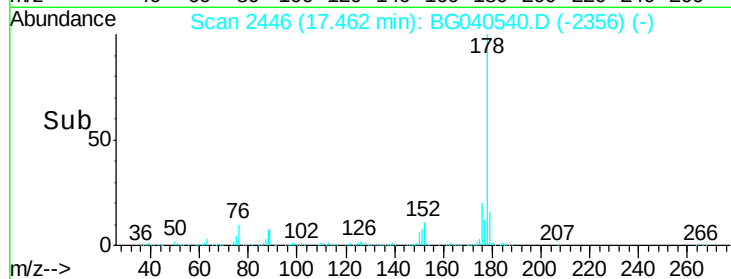
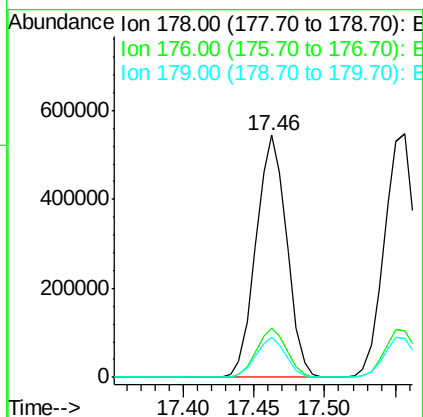
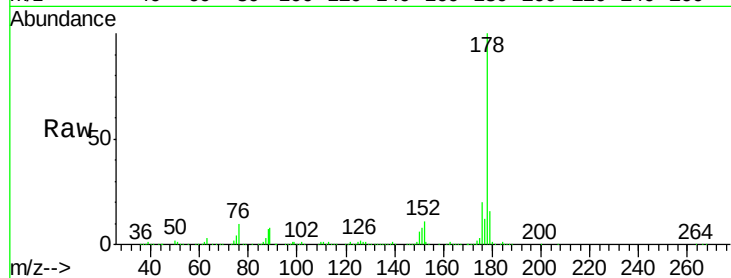




#71
 Phenanthrene
 Concen: 47.797 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

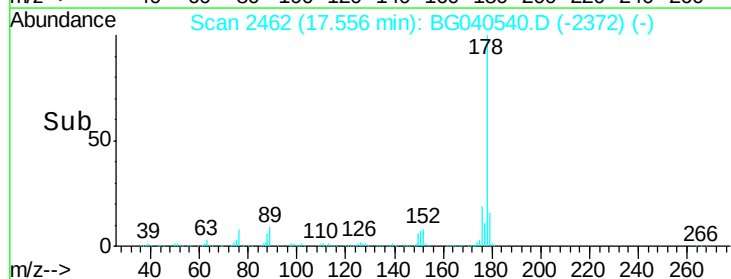
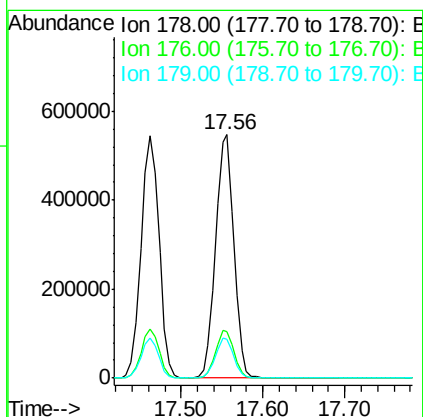
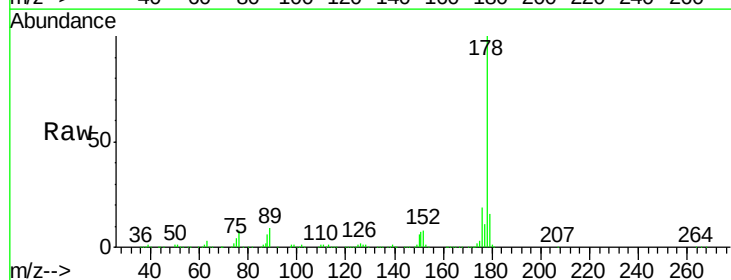
Instrument :
 BNA_G
 ClientSampleId :

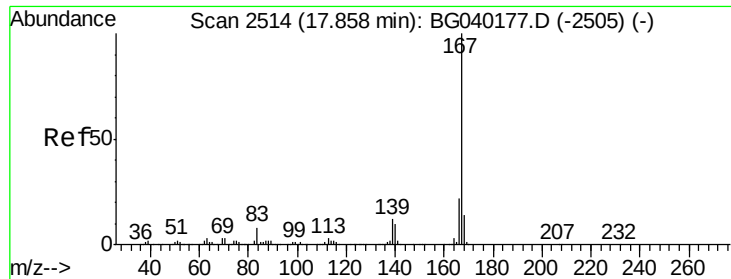
Tot Ion:178 Resp: 833592
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.7 25.1
 179 16.4 12.8 19.2



#72
 Anthracene
 Concen: 48.759 ng
 RT: 17.56 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion:178 Resp: 851153
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.8 12.9 19.3

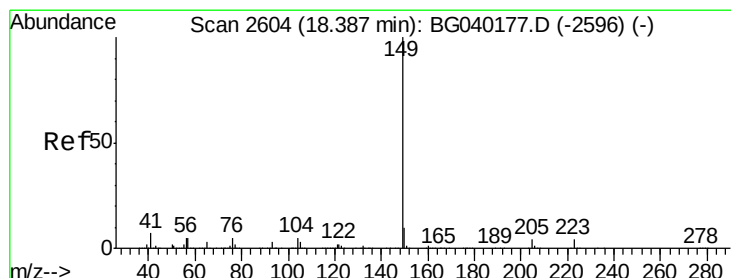
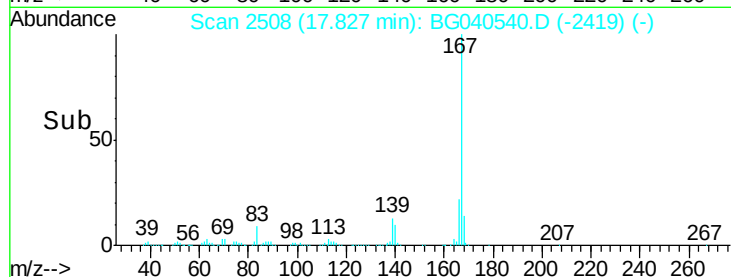
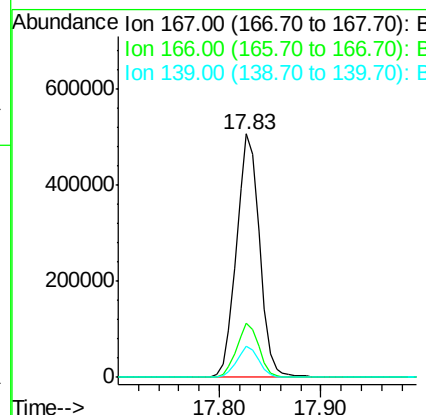
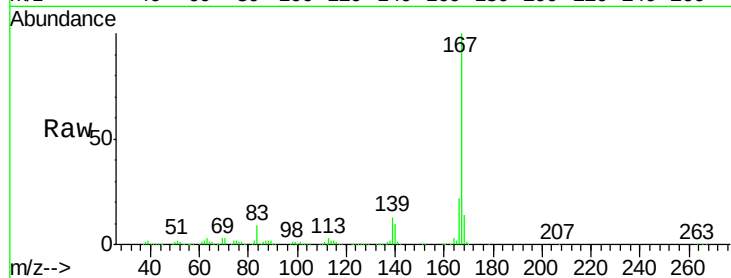




#73
 Carbazole
 Concen: 48.380 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

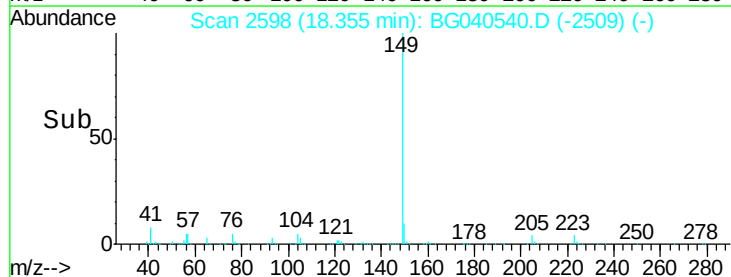
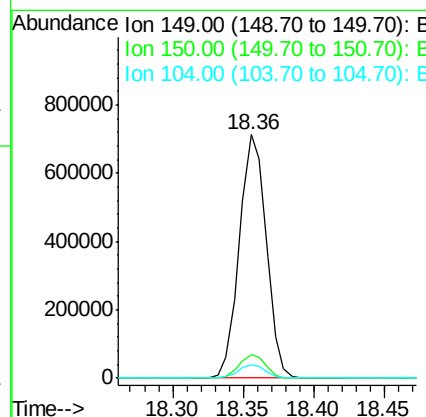
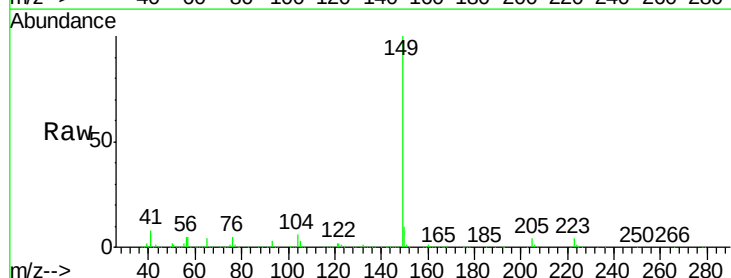
Instrument :
 BNA_G
 ClientSampleId :

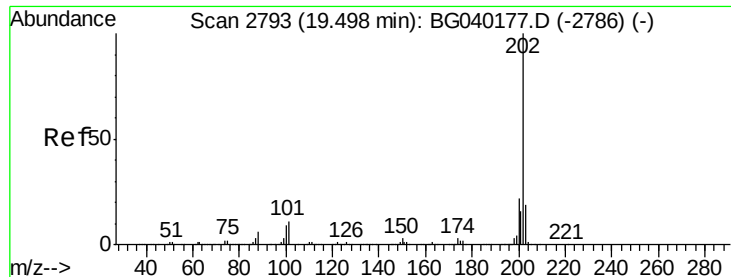
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	12.8	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 48.336 ng
 RT: 18.36 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG040540.D
 Acq: 17 Apr 2019 21:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.5	4.1	6.1





#75

Fluoranthene

Concen: 48.457 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

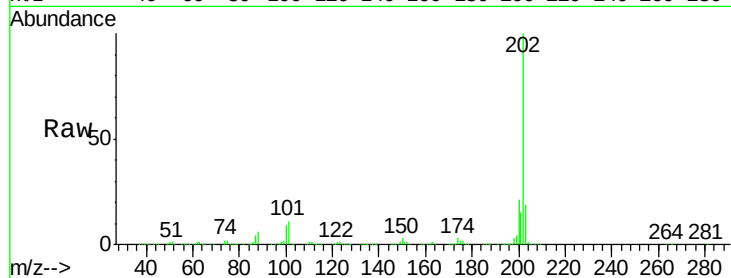
Tot Ion:202 Resp: 1000707

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.8

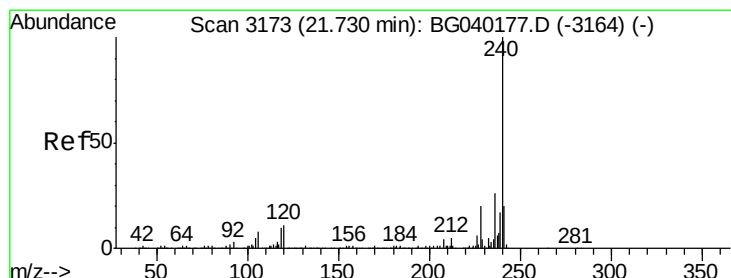
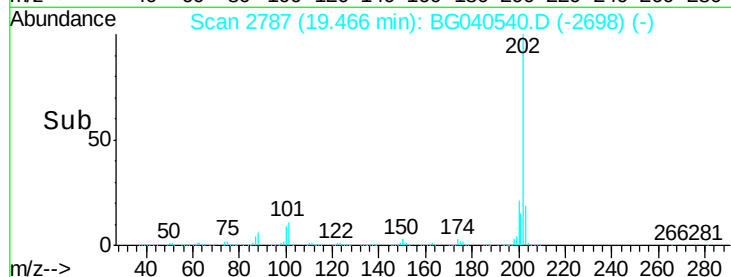
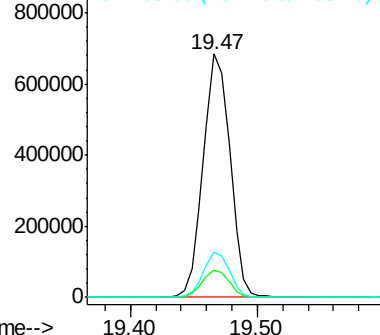
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

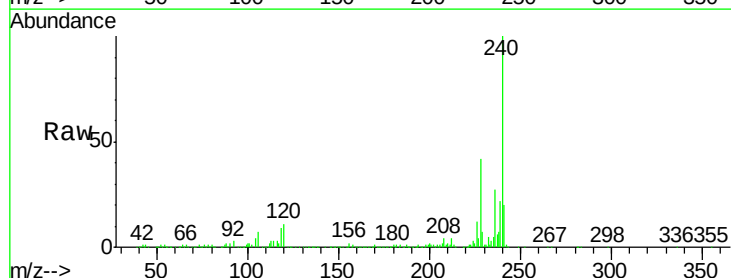
Tgt Ion:240 Resp: 296321

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

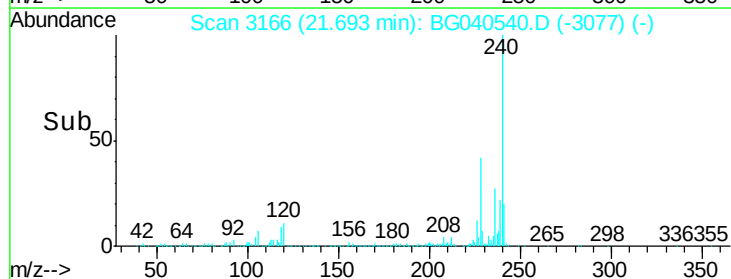
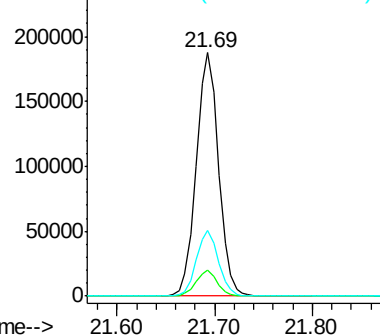
236 27.2 20.8 31.2

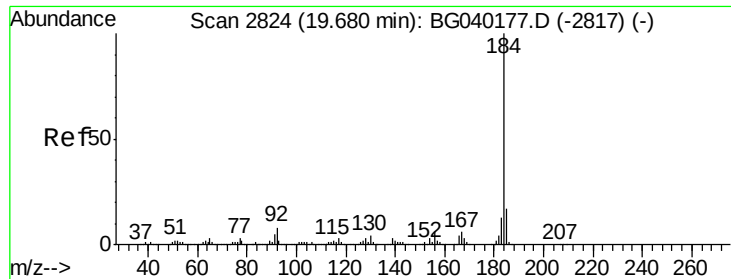


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.977 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampled :

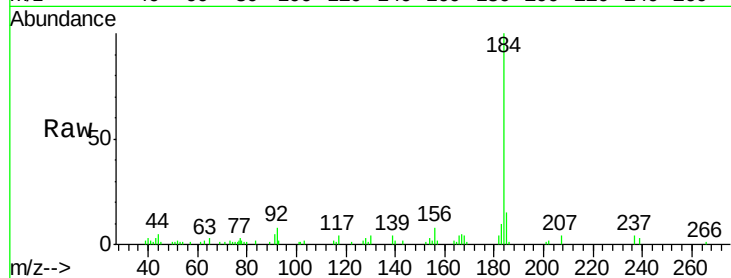
Tot Ion:184 Resp: 31856

Ion Ratio Lower Upper

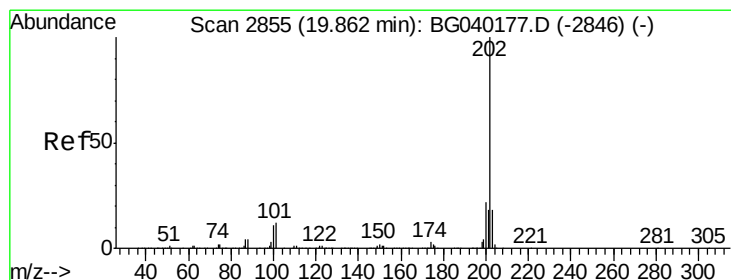
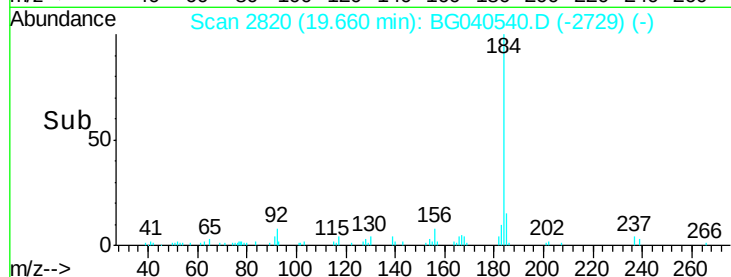
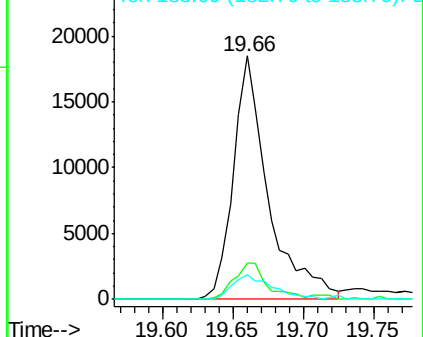
184 100

185 14.8 13.3 19.9

183 10.3 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: 51.783 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

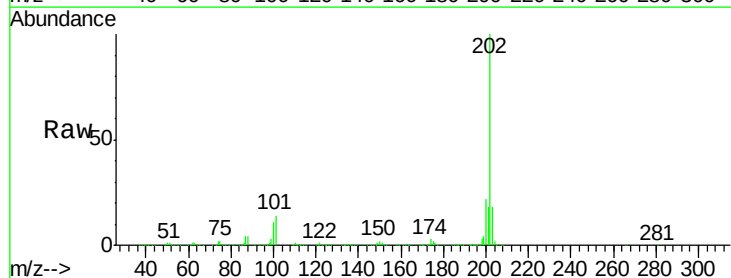
Tgt Ion:202 Resp: 1009059

Ion Ratio Lower Upper

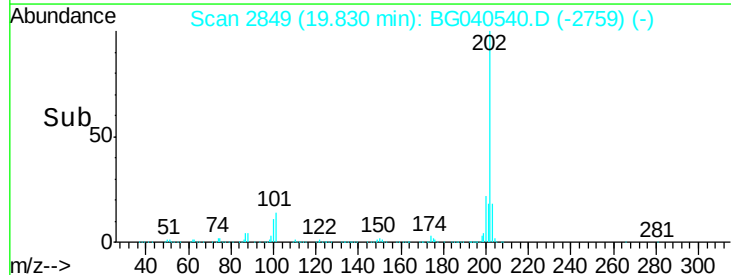
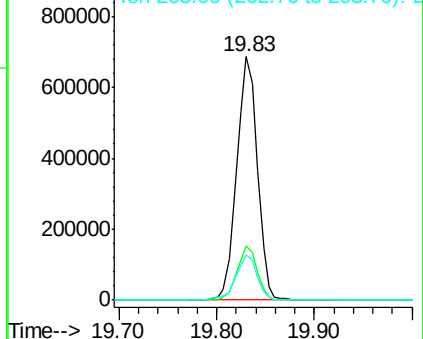
202 100

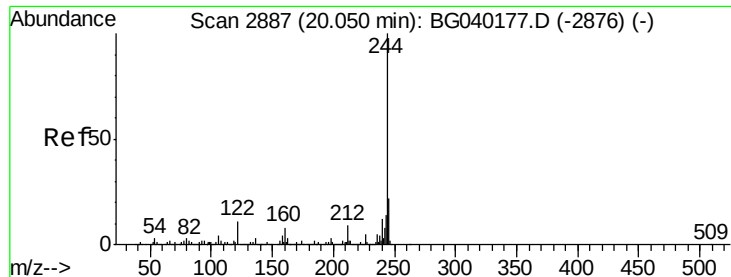
200 22.1 17.3 25.9

203 18.5 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.632 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

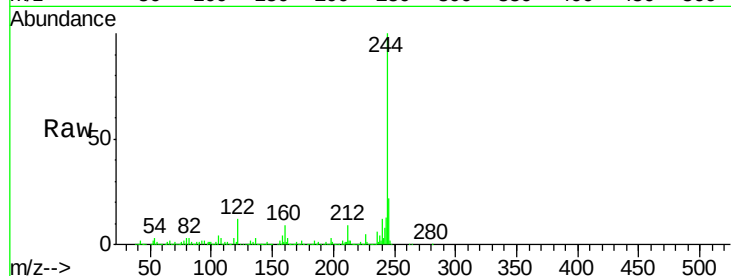
Tot Ion:244 Resp: 1299160

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

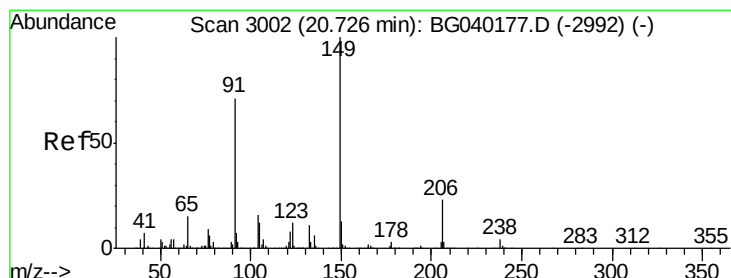
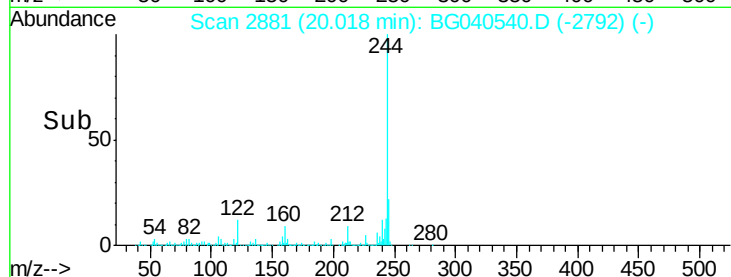
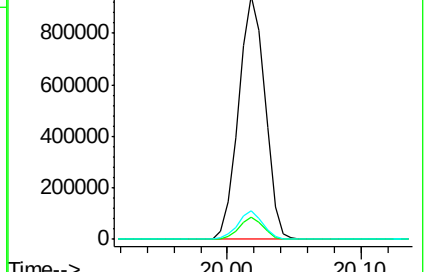
122 11.9 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.446 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

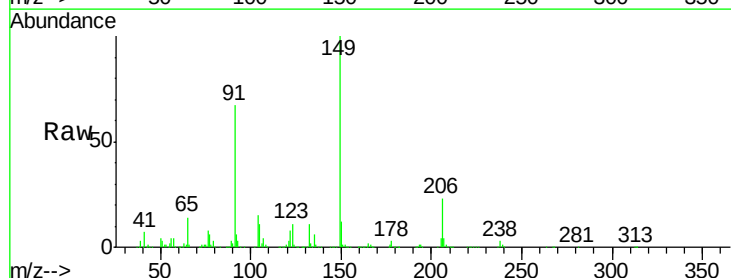
Tgt Ion:149 Resp: 454000

Ion Ratio Lower Upper

149 100

91 67.3 57.0 85.4

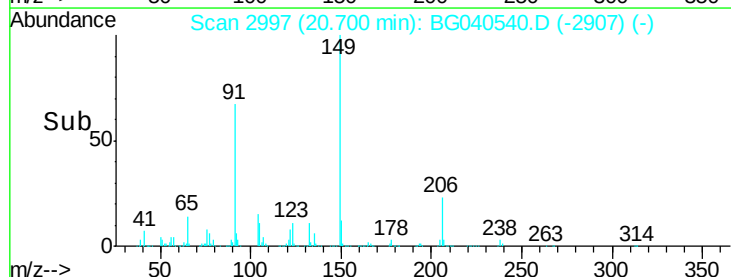
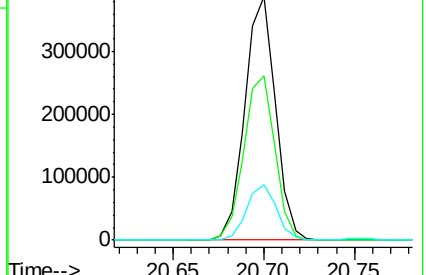
206 22.7 18.2 27.4

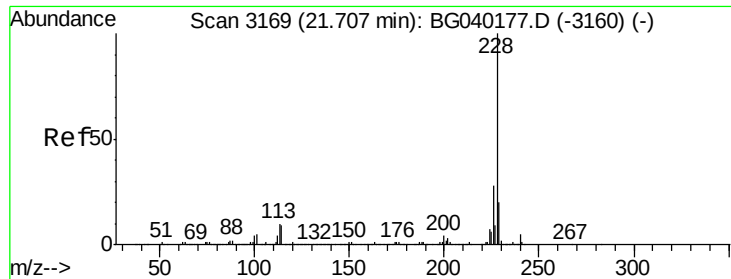


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

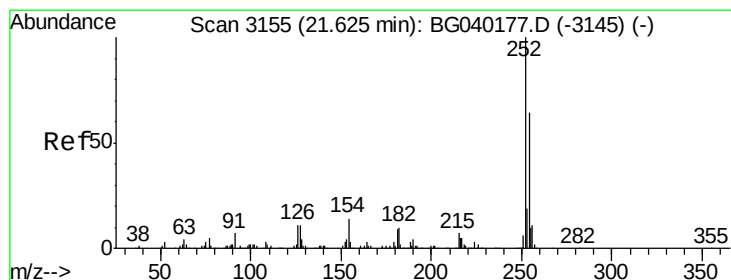
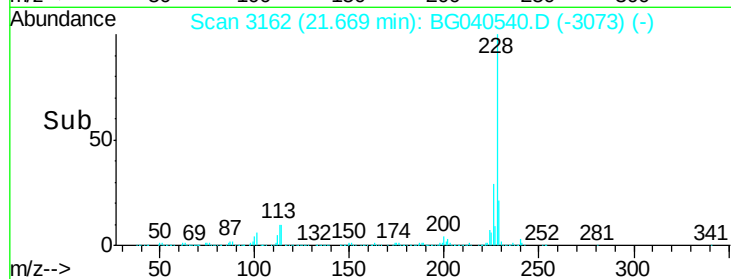
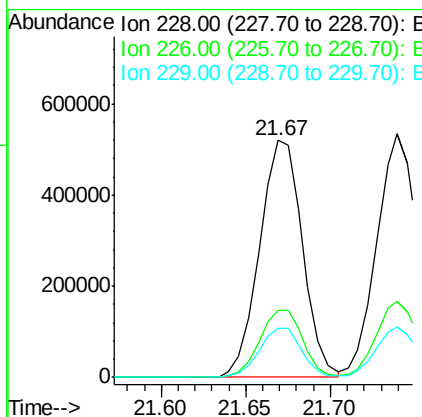
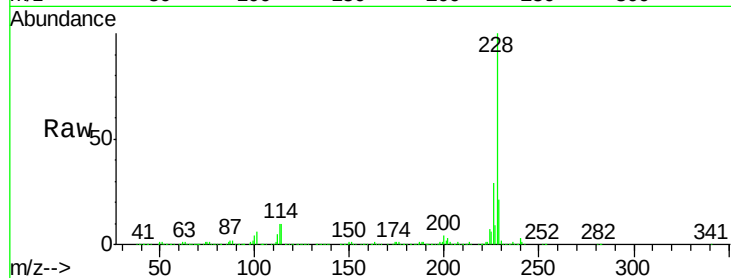




#81
Benzo(a)anthracene
Concen: 50.122 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

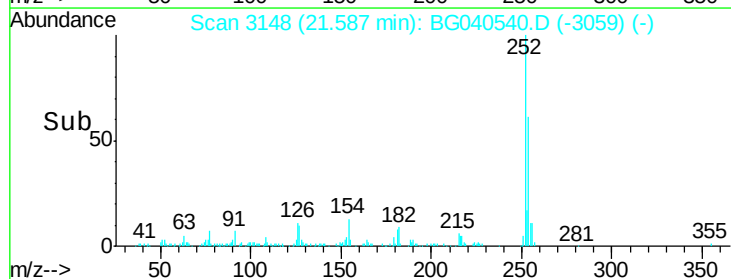
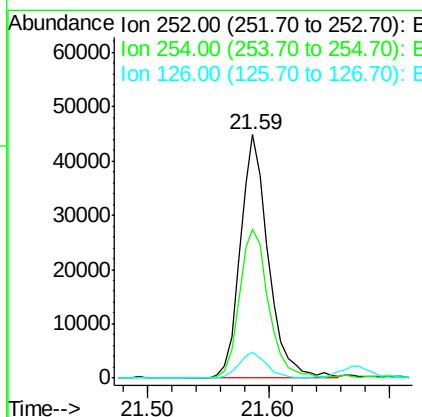
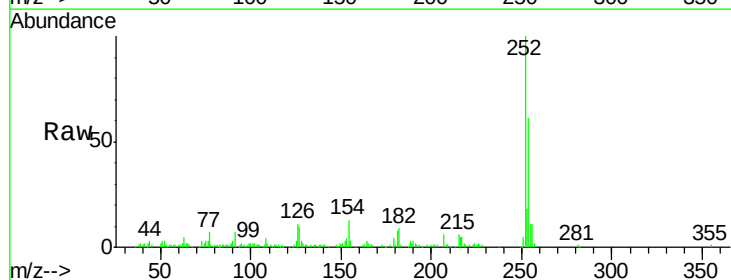
Instrument :
BNA_G
ClientSampleId :

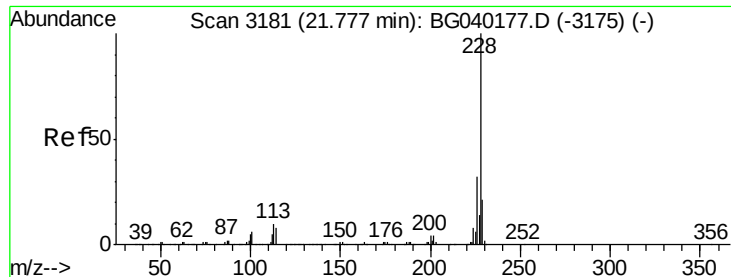
Tot Ion:228 Resp: 914807
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 20.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 10.448 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG040540.D
Acq: 17 Apr 2019 21:49

Tgt Ion:252 Resp: 72540
Ion Ratio Lower Upper
252 100
254 61.2 51.4 77.2
126 10.6 8.5 12.7





#83

Chrysene

Concen: 51.333 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

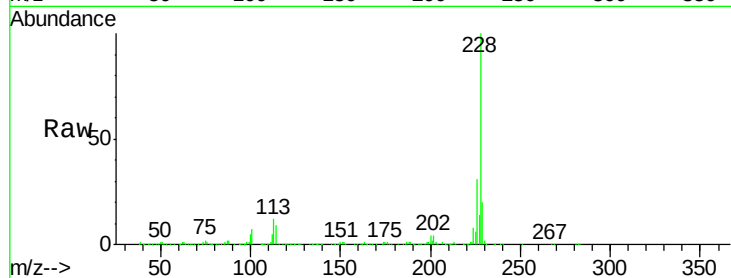
Tot Ion:228 Resp: 900435

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

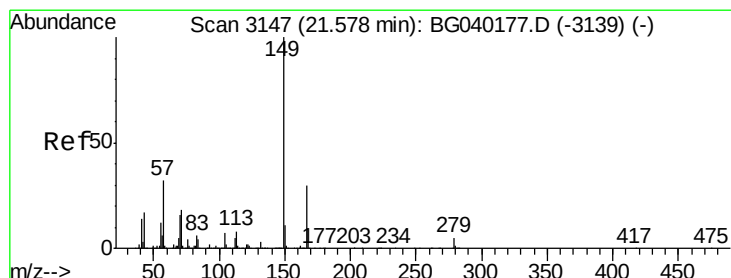
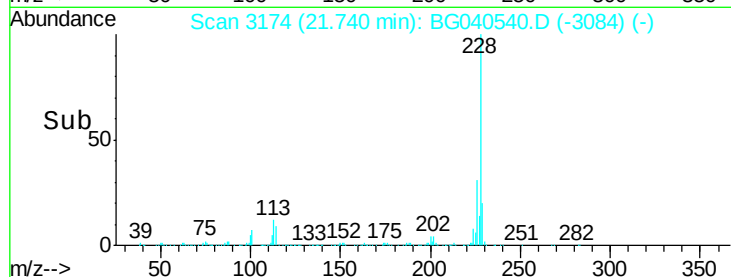
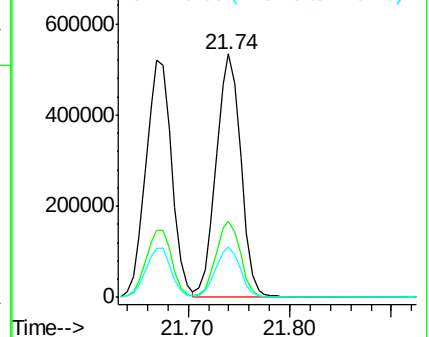
229 20.5 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.402 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

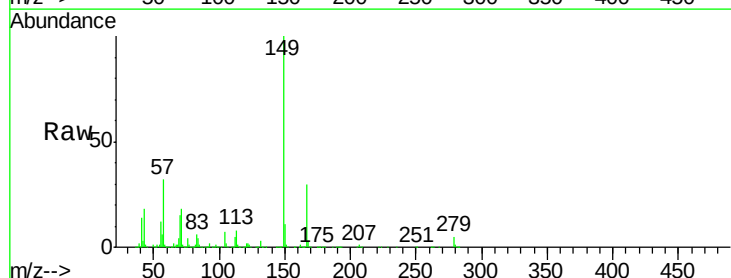
Tgt Ion:149 Resp: 636528

Ion Ratio Lower Upper

149 100

167 29.7 24.1 36.1

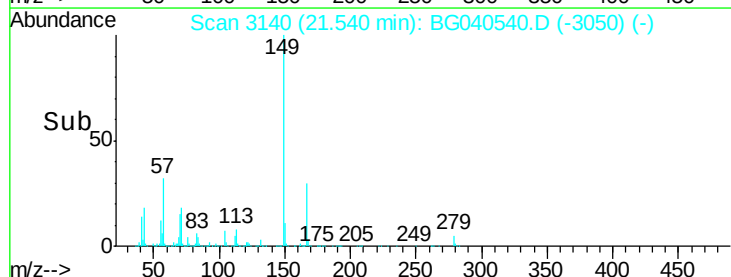
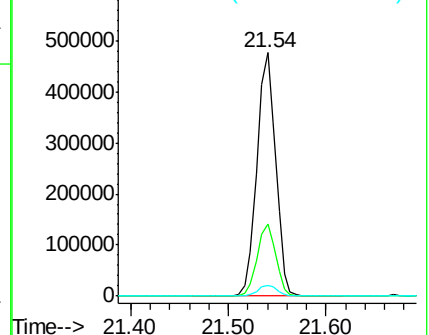
279 4.6 4.1 6.1

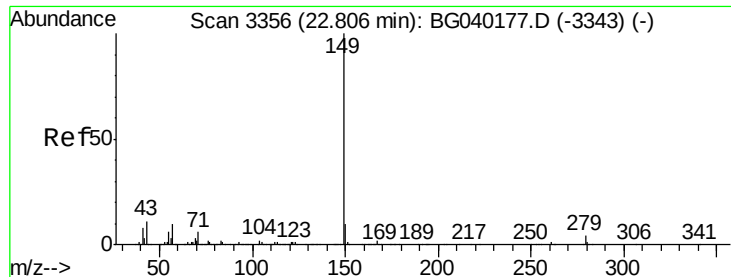


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.914 ng

RT: 22.76 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

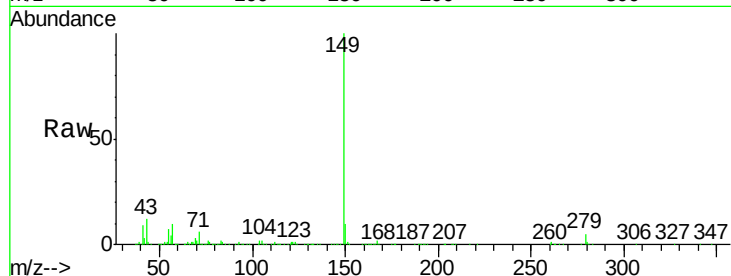
Tot Ion:149 Resp: 1094884

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

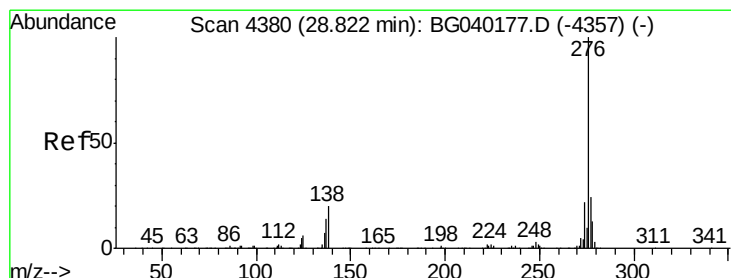
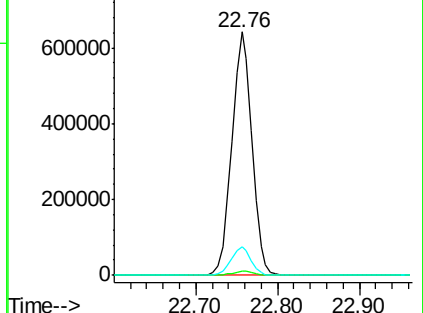
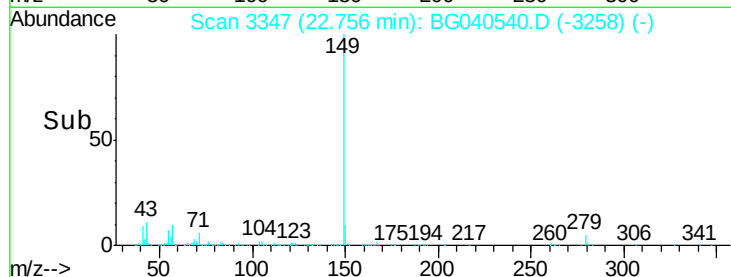
43 11.6 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 52.699 ng

RT: 28.72 min Scan# 4362

Delta R.T. -0.02 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

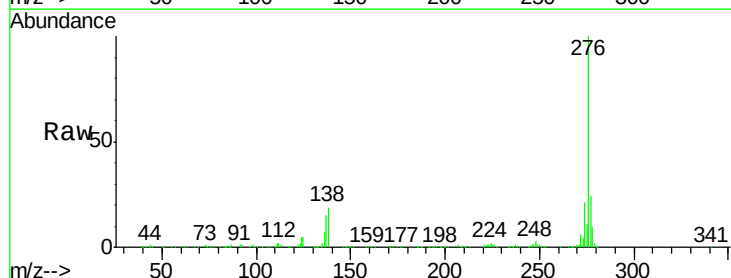
Tgt Ion:276 Resp: 1130600

Ion Ratio Lower Upper

276 100

138 14.2 18.8 28.2#

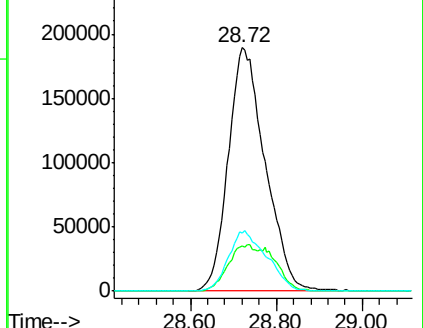
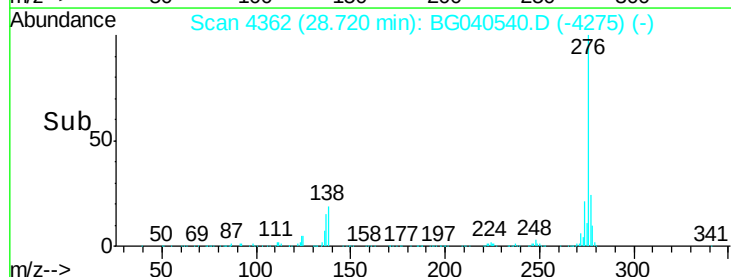
277 25.9 21.0 31.4

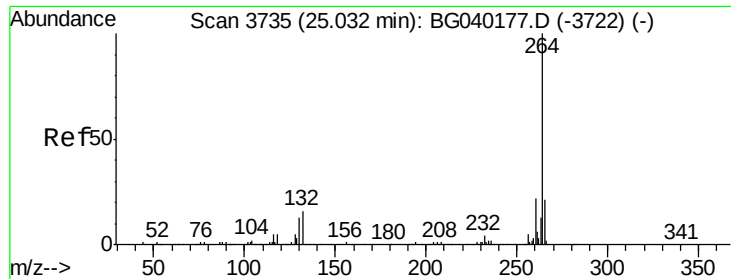


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3723

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

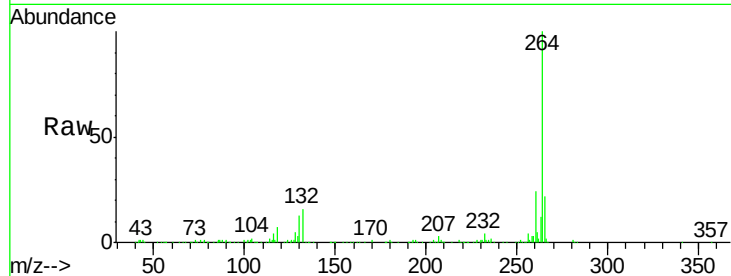
Tot Ion:264 Resp: 334207

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

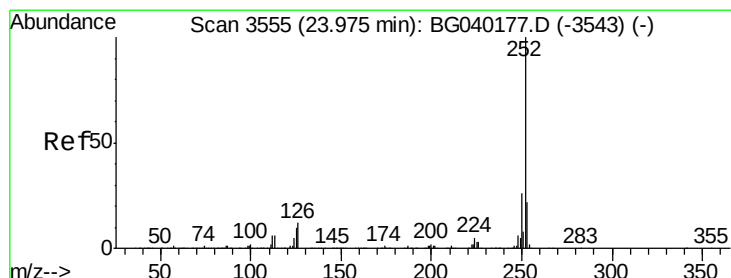
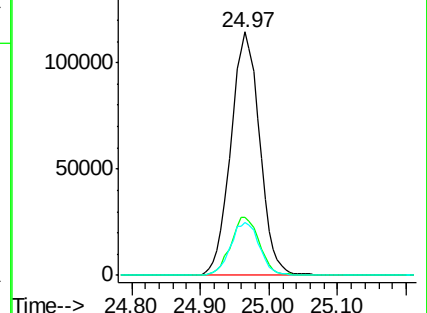
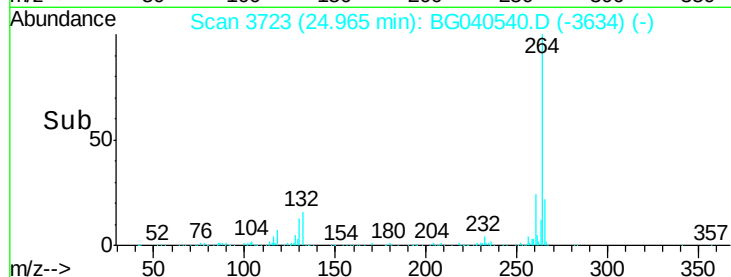
265 21.6 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.027 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

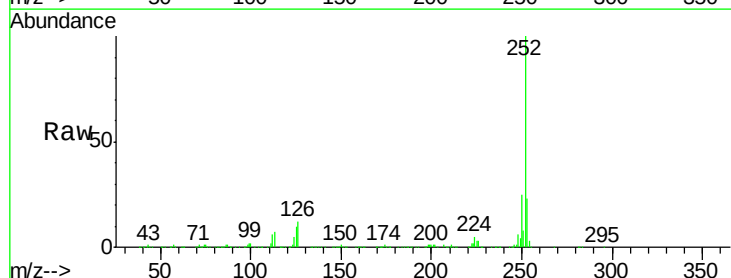
Tgt Ion:252 Resp: 1003166

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

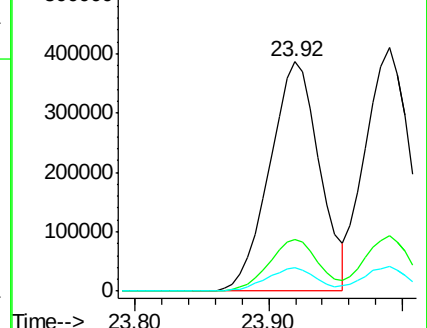
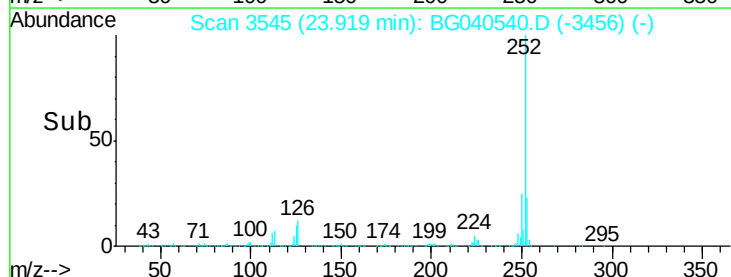
125 10.3 8.2 12.4

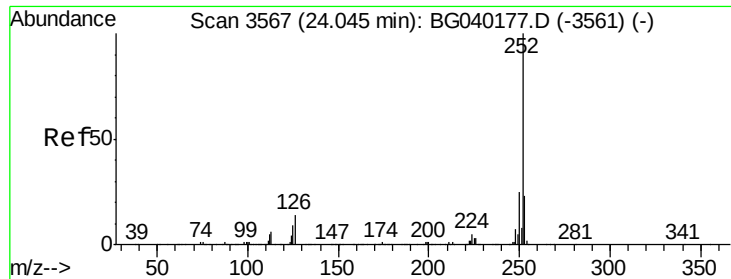


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.901 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampleId :

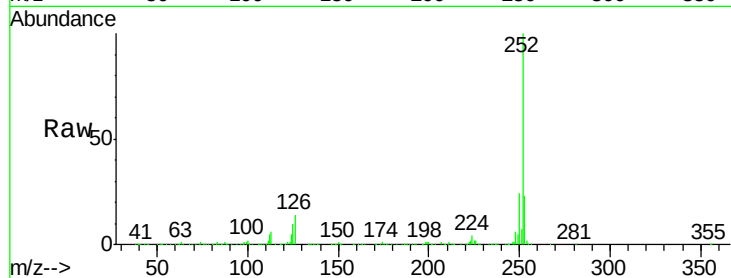
Tot Ion:252 Resp: 957783

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

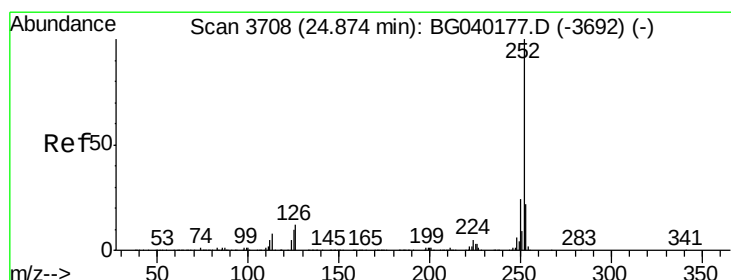
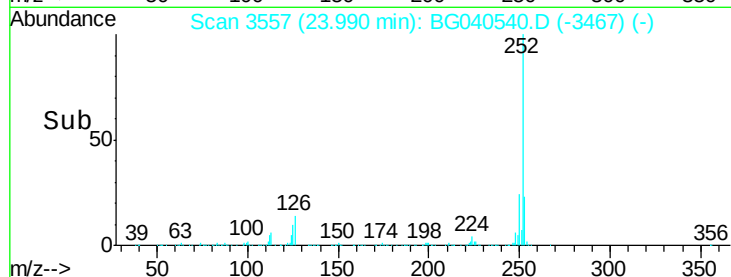
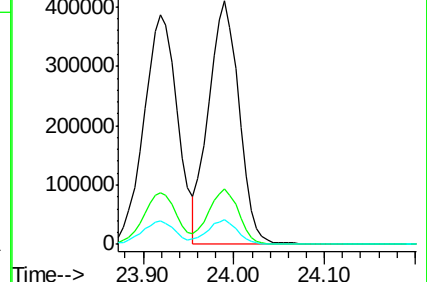
125 10.4 7.3 10.9



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: 50.827 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

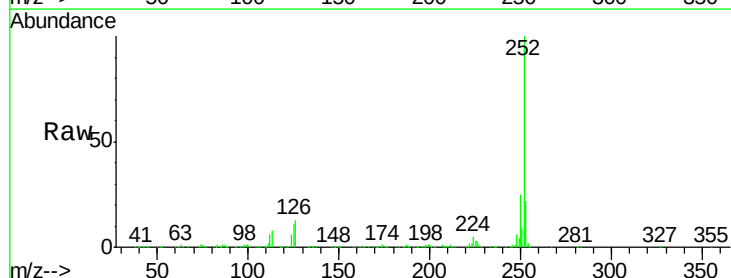
Tgt Ion:252 Resp: 975782

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

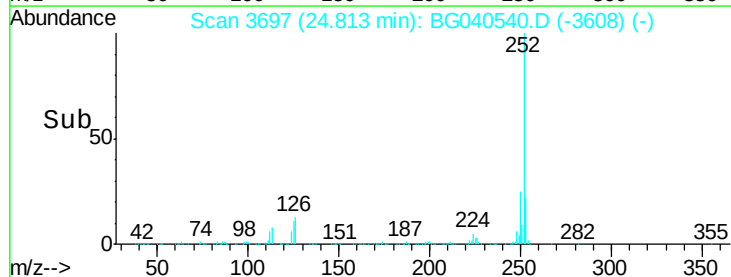
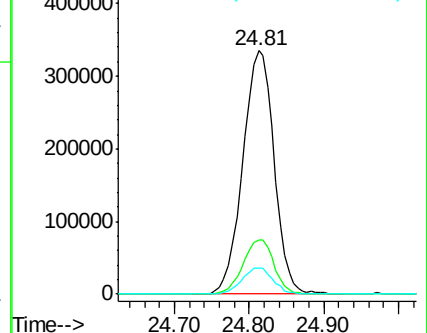
125 10.7 8.3 12.5

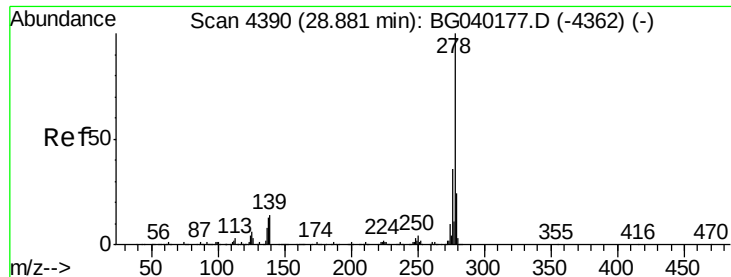


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.656 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

Instrument :

BNA_G

ClientSampled :

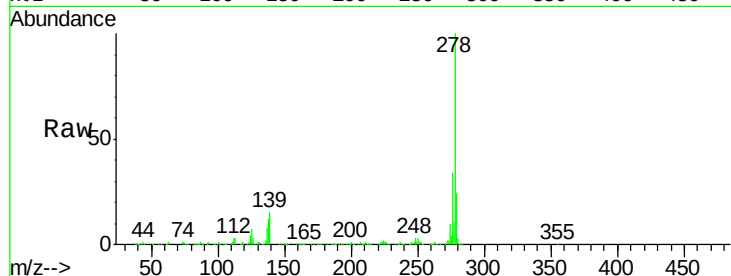
Tot Ion:278 Resp: 921048

Ion Ratio Lower Upper

278 100

139 14.7 11.2 16.8

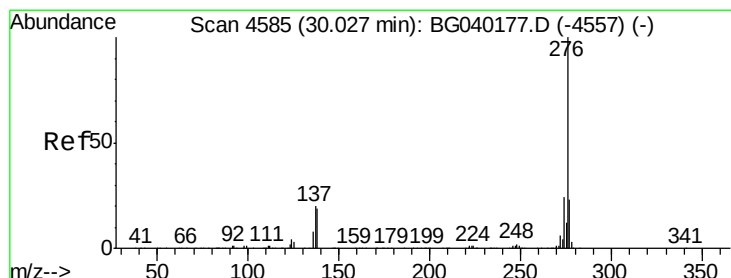
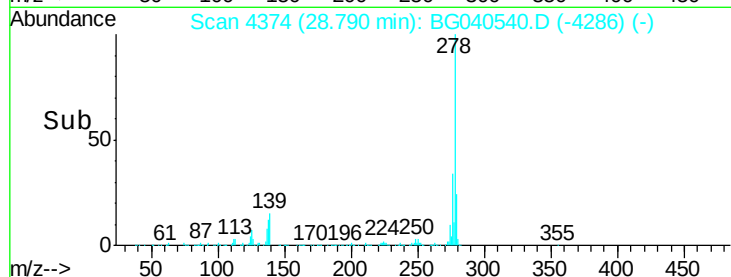
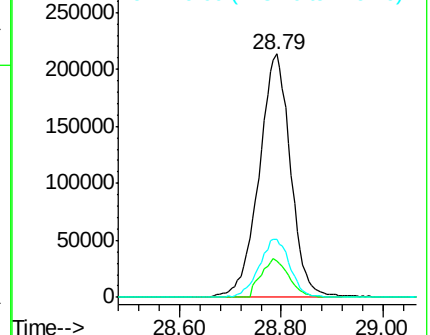
279 23.6 18.9 28.3



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: 51.027 ng

RT: 29.91 min Scan# 4565

Delta R.T. 0.01 min

Lab File: BG040540.D

Acq: 17 Apr 2019 21:49

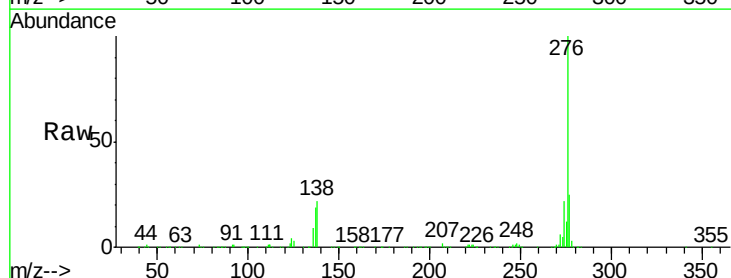
Tgt Ion:276 Resp: 935047

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 21.6 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

