

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040529.D
 Acq On : 17 Apr 2019 14:27
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 01:22:55 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	49966	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	211262	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	137429	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	349164	20.00	ng	0.00
76) Chrysene-d12	21.69	240	310269	20.00	ng	0.00
87) Perylene-d12	24.97	264	351579	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224740	74.77	ng	0.00
7) Phenol-d6	7.19	99	309417	74.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	303739	76.42	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	121560	81.84	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	679517	73.27	ng	0.00
79) Terphenyl-d14	20.02	244	1103577	80.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	55609	39.347	ng	97
3) Pyridine	3.90	79	149613	39.318	ng	97
4) n-Nitrosodimethylamine	3.82	42	67938	38.597	ng	# 98
6) Aniline	7.37	93	195563	36.237	ng	98
8) 2-Chlorophenol	7.61	128	129223	36.728	ng	96
9) Benzaldehyde	7.19	77	111023	38.965	ng	99
10) Phenol	7.22	94	167240	37.093	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	131207	36.334	ng	100
12) 1,3-Dichlorobenzene	7.93	146	141891	37.099	ng	97
13) 1,4-Dichlorobenzene	8.08	146	141520	37.151	ng	98
14) 1,2-Dichlorobenzene	8.39	146	132522	36.379	ng	99
15) Benzyl Alcohol	8.28	79	116807	34.917	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	258963	37.366	ng	99
17) 2-Methylphenol	8.48	107	110093	35.288	ng	96
18) Hexachloroethane	9.12	117	52729	36.390	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	105374	35.382	ng	98
20) 3+4-Methylphenols	8.81	107	154018	36.441	ng	94
22) Acetophenone	8.87	105	194300	36.870	ng	# 99
24) Nitrobenzene	9.26	77	156574	38.042	ng	96
25) Isophorone	9.77	82	307094	37.551	ng	98
26) 2-Nitrophenol	9.97	139	76896	39.429	ng	99
27) 2,4-Dimethylphenol	10.01	122	110481	35.664	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	179033	37.003	ng	97
29) 2,4-Dichlorophenol	10.50	162	126277	37.555	ng	93
30) 1,2,4-Trichlorobenzene	10.71	180	133649	36.199	ng	97
31) Naphthalene	10.91	128	409065	37.776	ng	99
32) Benzoic acid	10.17	122	41394	22.116	ng	87
33) 4-Chloroaniline	11.03	127	176288	38.166	ng	100
34) Hexachlorobutadiene	11.17	225	85384	36.160	ng	98
35) Caprolactam	11.81	113	54599	40.918	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	153081	39.601	ng	96
37) 2-Methylnaphthalene	12.51	142	300294	37.496	ng	99
38) 1-Methylnaphthalene	12.72	142	298483	38.434	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	155054	35.498	ng	99

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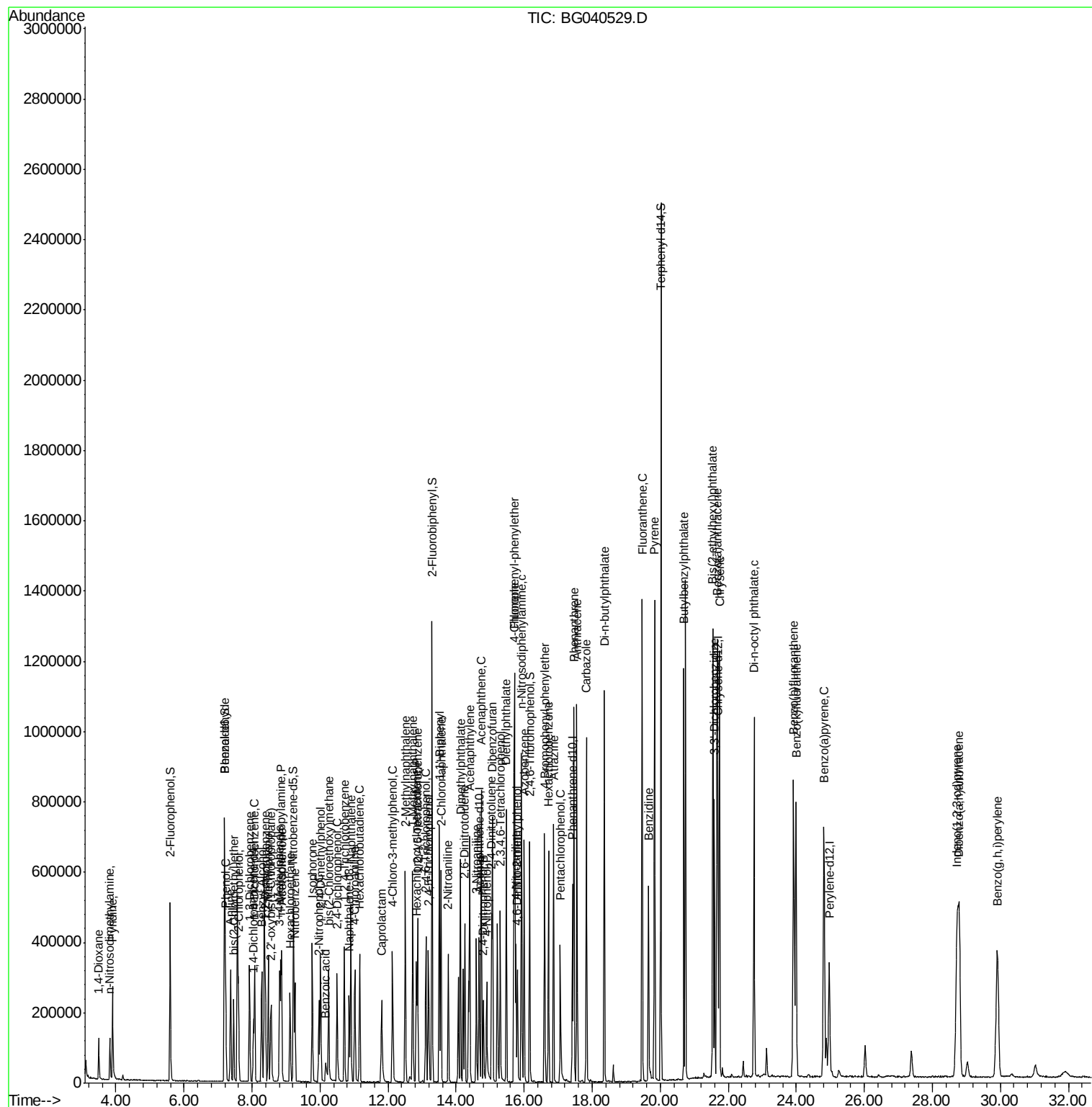
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	103628	43.208	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	100767	35.782	ng	100
44) 2,4,5-Trichlorophenol	13.19	196	110178	35.894	ng	98
46) 1,1'-Biphenyl	13.50	154	395937	36.463	ng	98
47) 2-Chloronaphthalene	13.56	162	304587	36.568	ng	98
48) 2-Nitroaniline	13.77	65	112620	40.085	ng	95
49) Acenaphthylene	14.40	152	532844	37.731	ng	99
50) Dimethylphthalate	14.13	163	419209	38.975	ng	99
51) 2,6-Dinitrotoluene	14.26	165	95475	39.533	ng	98
52) Acenaphthene	14.74	154	303135	37.460	ng	98
53) 3-Nitroaniline	14.60	138	102487	40.090	ng	95
54) 2,4-Dinitrophenol	14.80	184	62095	48.346	ng	95
55) Dibenzofuran	15.07	168	497327	38.247	ng	98
56) 4-Nitrophenol	14.90	139	87429	42.375	ng	91
57) 2,4-Dinitrotoluene	15.04	165	139443	41.554	ng	96
58) Fluorene	15.72	166	399538	39.082	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	102672	36.860	ng	96
60) Diethylphthalate	15.48	149	437710	39.769	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	205397	37.587	ng	98
62) 4-Nitroaniline	15.76	138	112592	41.040	ng	96
63) Azobenzene	16.00	77	408164	39.315	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	76156	38.822	ng	96
66) n-Nitrosodiphenylamine	15.93	169	369681	36.181	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	136767	34.807	ng	93
68) Hexachlorobenzene	16.72	284	144018	36.453	ng	97
69) Atrazine	16.87	200	132177	34.776	ng	98
70) Pentachlorophenol	17.07	266	87020	38.098	ng	98
71) Phenanthrene	17.46	178	685988	37.378	ng	100
72) Anthracene	17.55	178	679102	36.969	ng	100
73) Carbazole	17.83	167	658140	37.857	ng	100
74) Di-n-butylphthalate	18.36	149	765873	37.166	ng	100
75) Fluoranthene	19.47	202	832637	38.314	ng	100
77) Benzidine	19.66	184	370540	33.072	ng	97
78) Pyrene	19.83	202	831770	40.766	ng	100
80) Butylbenzylphthalate	20.70	149	358875	41.104	ng	96
81) Benzo(a)anthracene	21.67	228	785514	41.103	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	297229	40.885	ng	99
83) Chrysene	21.74	228	752810	40.988	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	510447	40.899	ng	97
85) Di-n-octyl phthalate	22.76	149	873138	41.062	ng	99
86) Indeno(1,2,3-cd)pyrene	28.73	276	921660	41.029	ng	99
88) Benzo(b)fluoranthene	23.92	252	823305	38.249	ng	99
89) Benzo(k)fluoranthene	23.99	252	743303	37.551	ng	99
90) Benzo(a)pyrene	24.81	252	774334	38.341	ng	100
91) Dibenzo(a,h)anthracene	28.79	278	734977	39.184	ng	97
92) Benzo(g,h,i)perylene	29.90	276	751262	38.972	ng	98

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

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :

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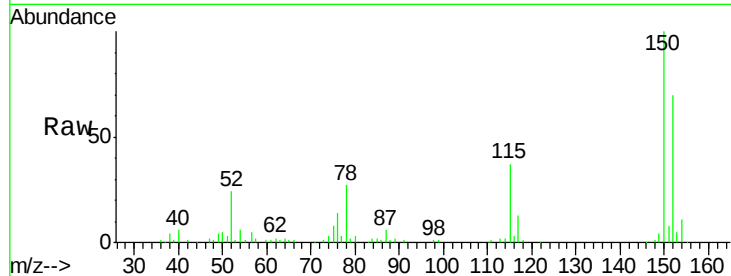


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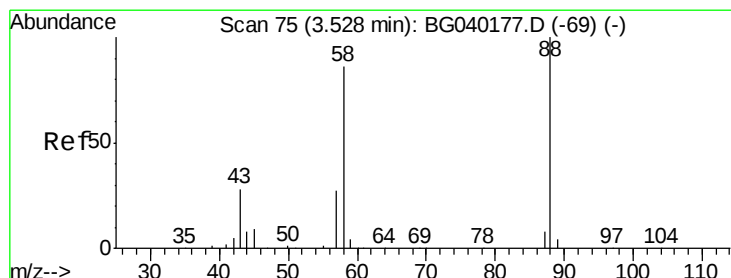
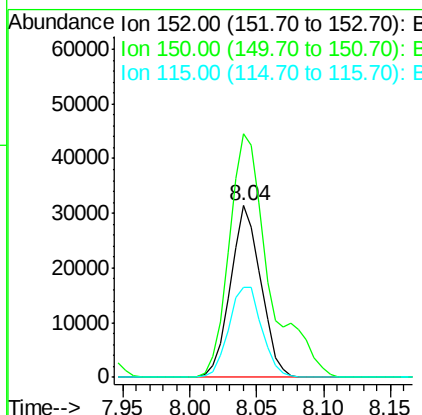
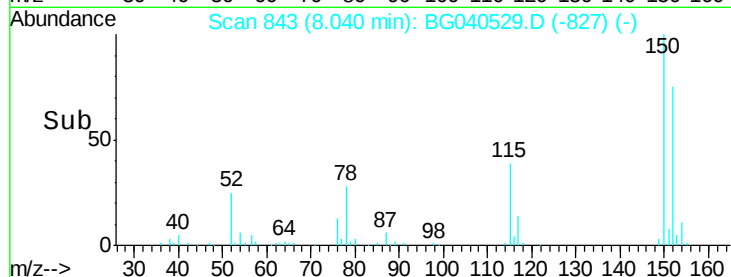
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49966
Ion Ratio Lower Upper
152 100
150 142.1 123.7 185.5
115 52.9 46.9 70.3



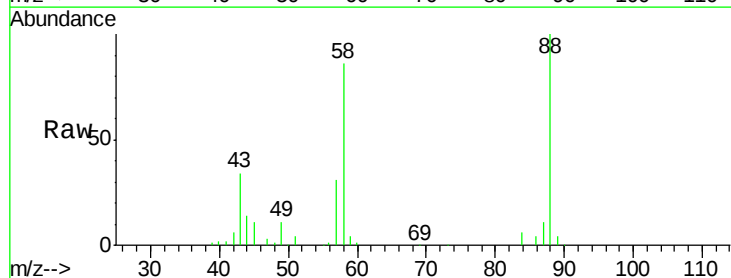
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



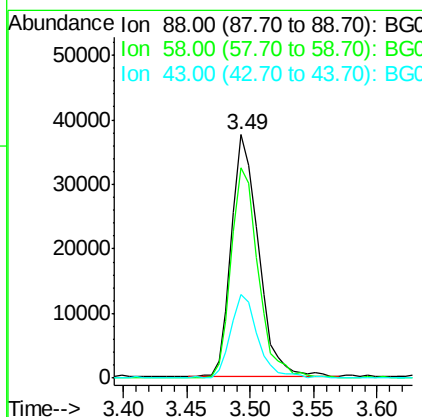
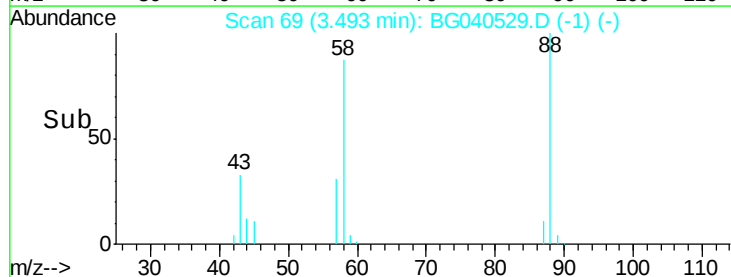
#2

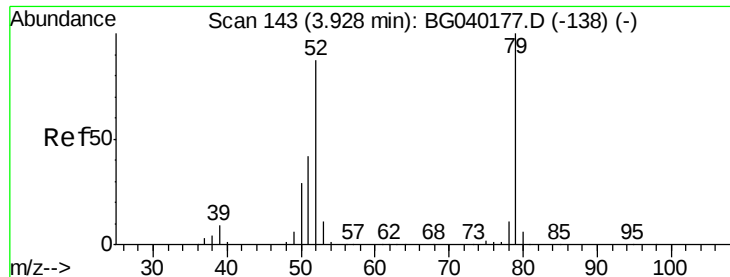
1,4-Dioxane
Concen: 39.347 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion: 88 Resp: 55609
Ion Ratio Lower Upper
88 100
58 86.5 70.6 106.0
43 34.4 24.8 37.2



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





#3

Pvridine

Concen: 39.318 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

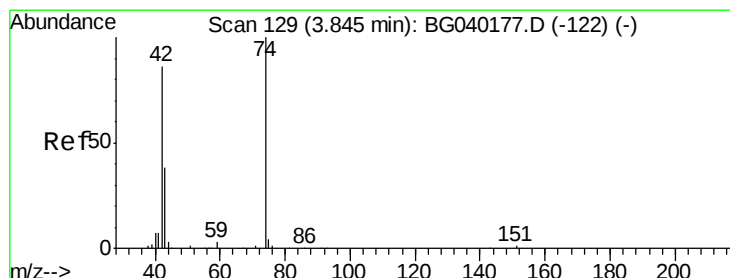
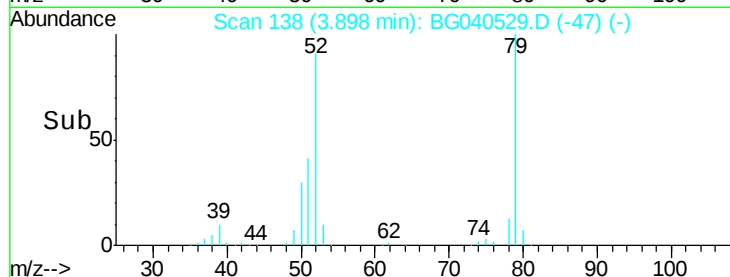
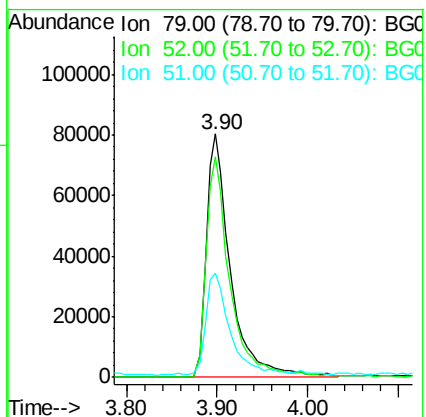
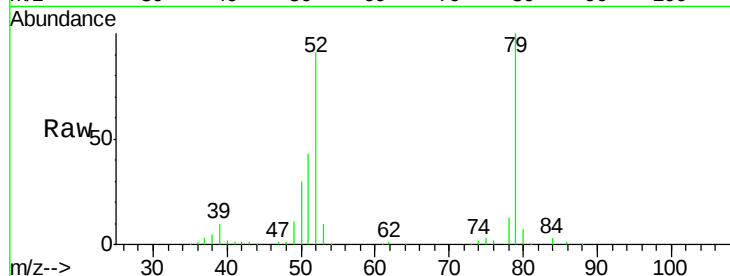
Tot Ion: 79 Resp: 149613

Ion Ratio Lower Upper

79 100

52 90.7 69.8 104.8

51 43.0 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 38.597 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

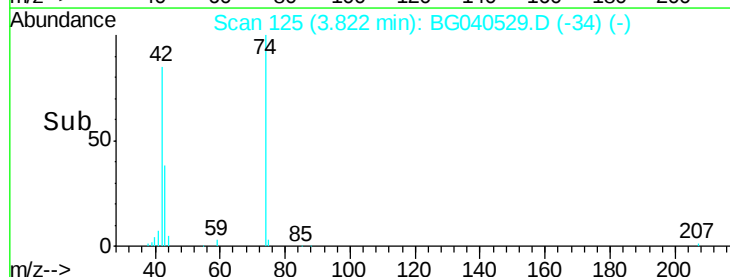
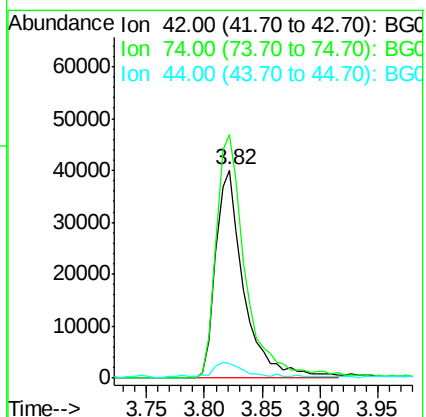
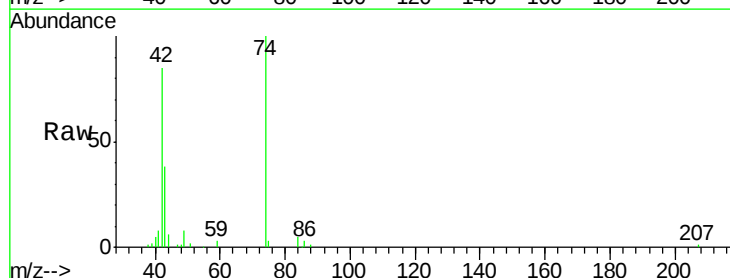
Tgt Ion: 42 Resp: 67938

Ion Ratio Lower Upper

42 100

74 117.0 92.9 139.3

44 6.7 9.7 14.5#





#5

2-Fluorophenol

Concen: 74.773 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

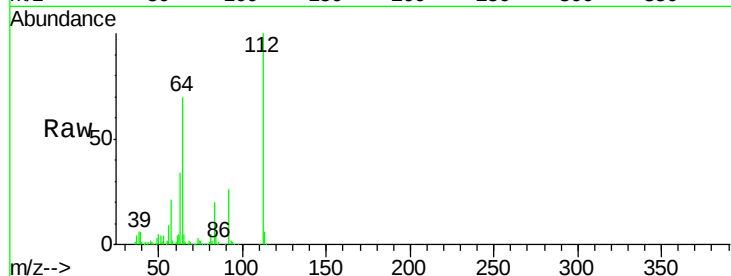
Tot Ion:112 Resp: 224740

Ion Ratio Lower Upper

112 100

64 70.3 54.2 81.2

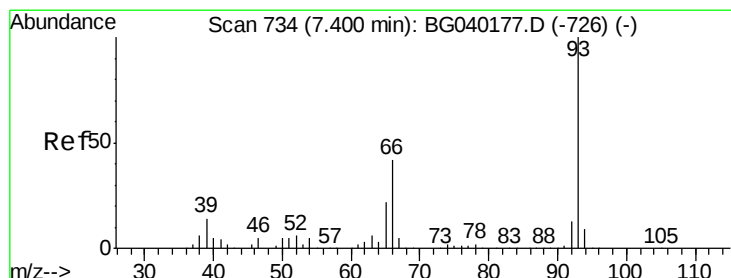
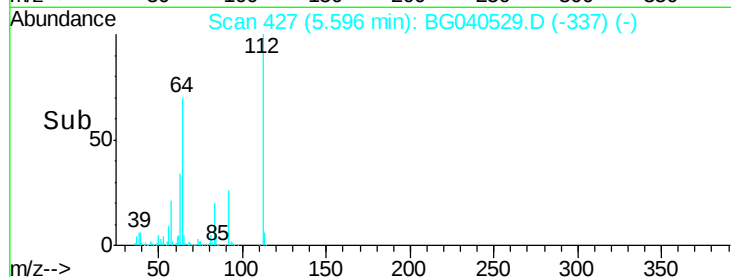
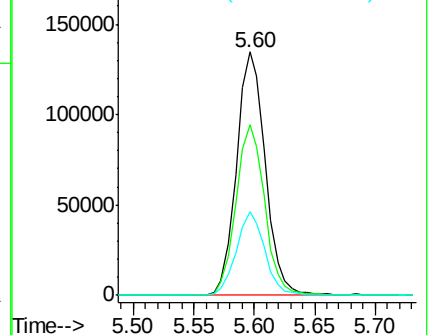
63 34.2 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.237 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

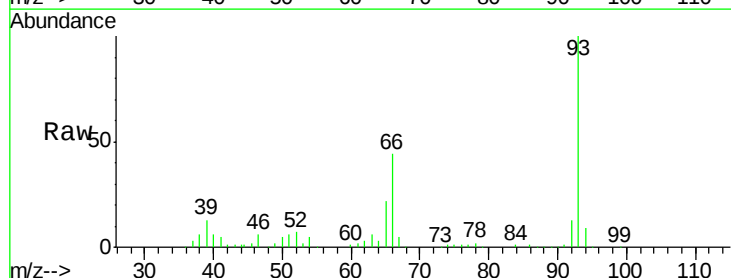
Tgt Ion: 93 Resp: 195563

Ion Ratio Lower Upper

93 100

66 43.8 33.6 50.4

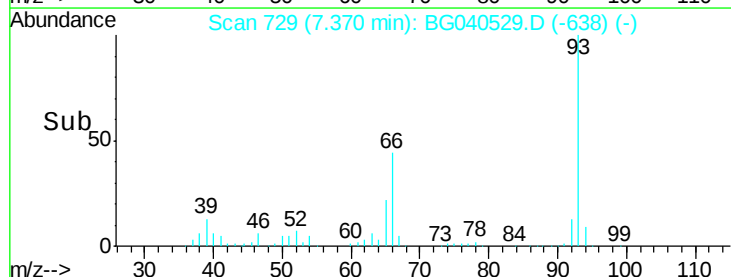
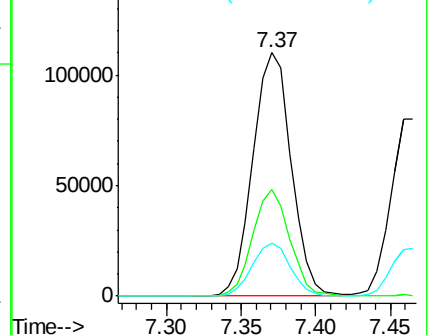
65 21.6 17.4 26.2

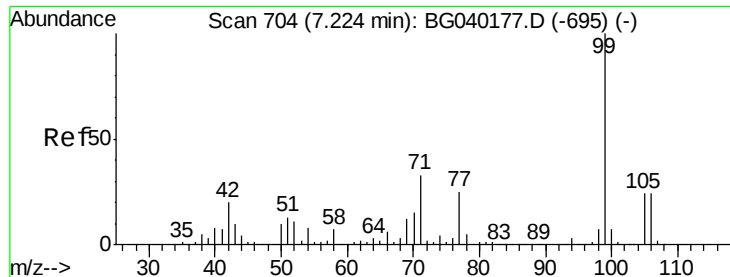


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.490 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

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ClientSampleId :

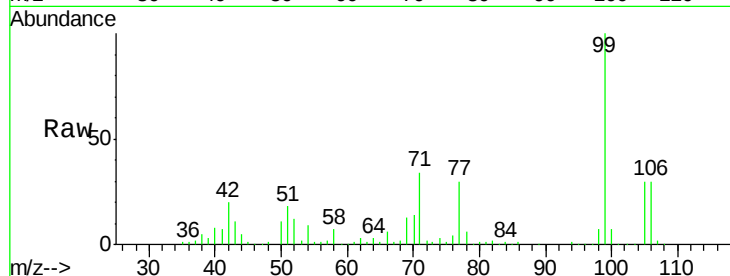
Tot Ion: 99 Resp: 309417

Ion Ratio Lower Upper

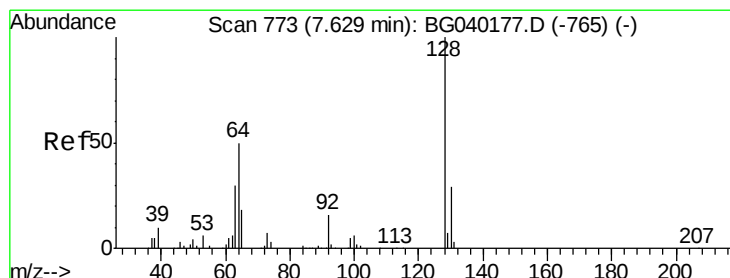
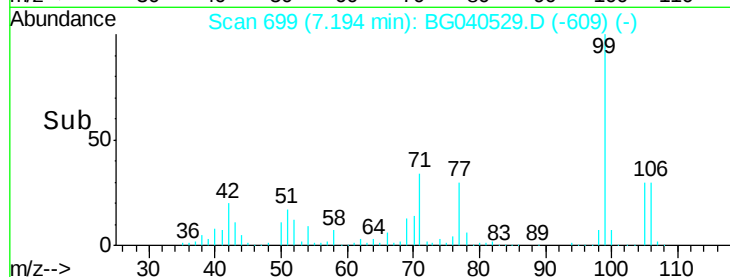
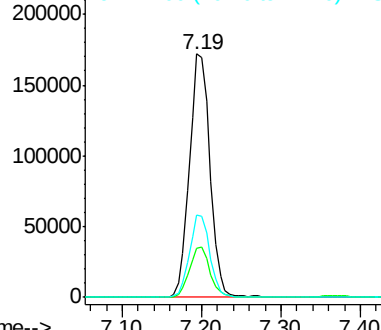
99 100

42 20.3 16.2 24.2

71 33.7 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.728 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

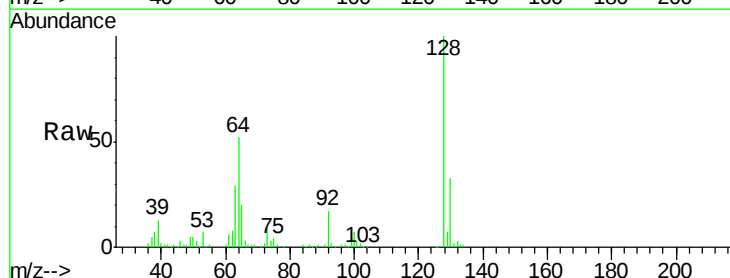
Tgt Ion: 128 Resp: 129223

Ion Ratio Lower Upper

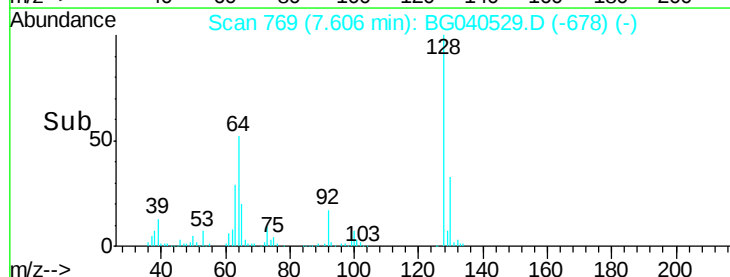
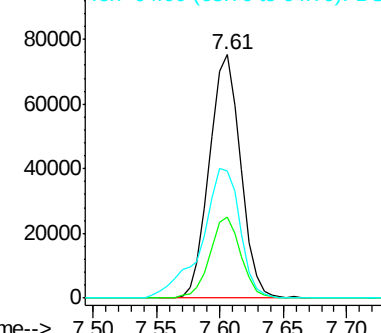
128 100

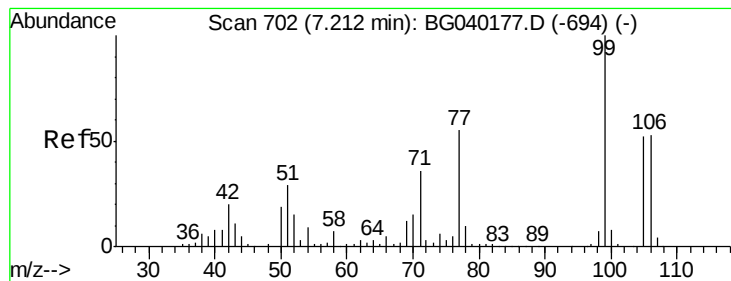
130 33.3 9.1 49.1

64 52.1 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: 38.965 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

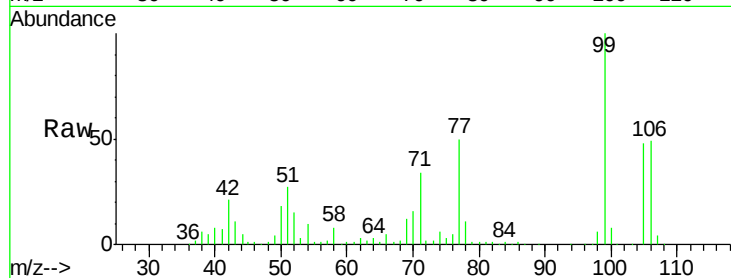
Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 111023

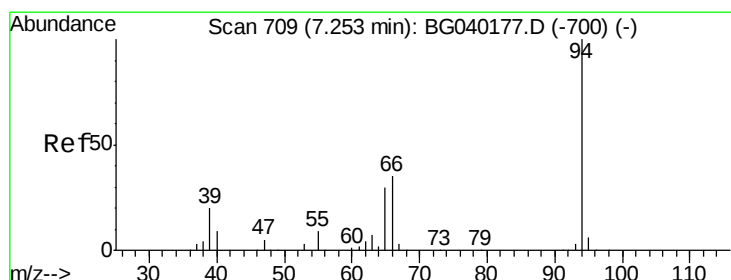
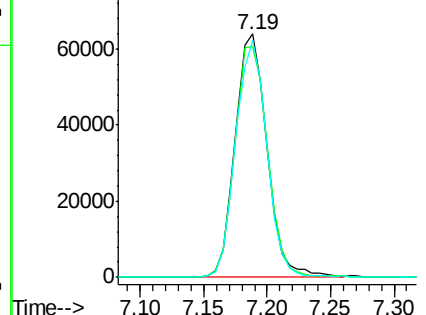
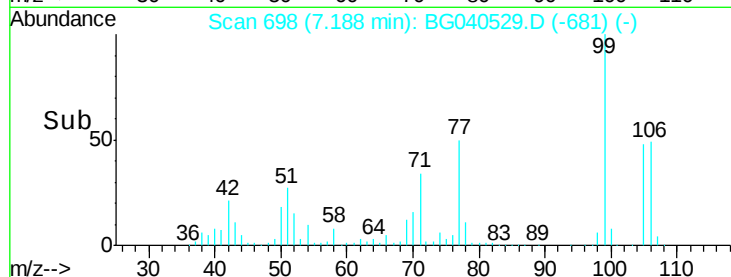
Ion	Ratio	Lower	Upper
77	100		
105	94.7	75.0	115.0
106	97.4	75.7	115.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.093 ng

RT: 7.22 min Scan# 704

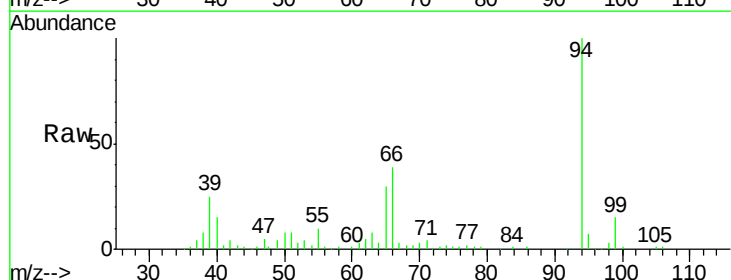
Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Tgt Ion: 94 Resp: 167240

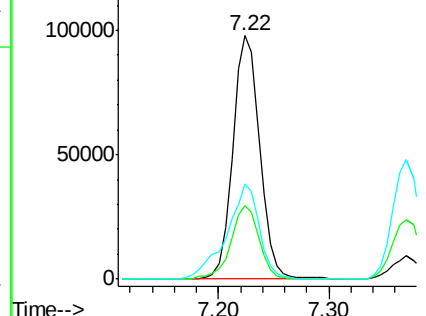
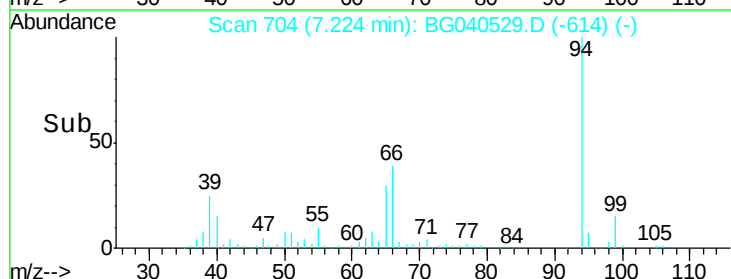
Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.5	50.5
66	38.8	16.9	56.9

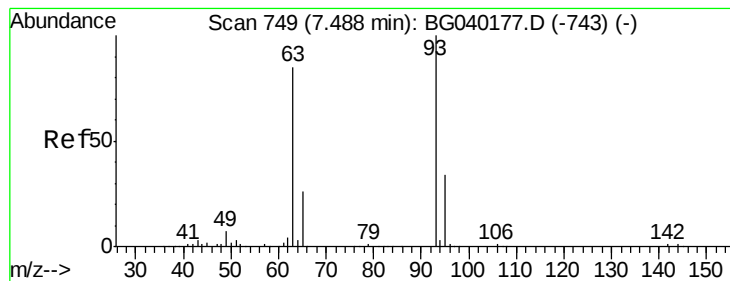


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.334 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

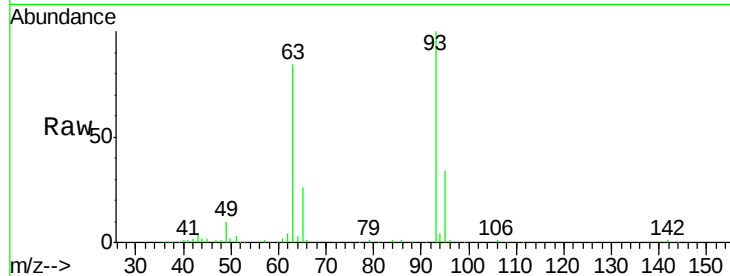
Tot Ion: 93 Resp: 131207

Ion Ratio Lower Upper

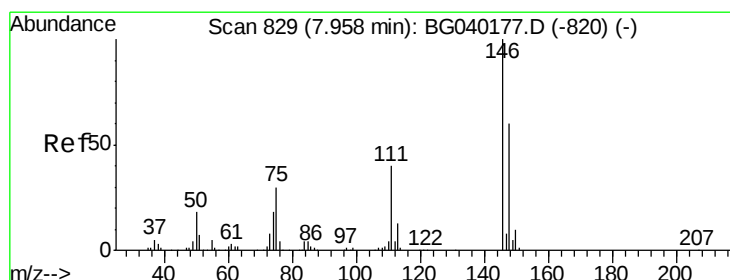
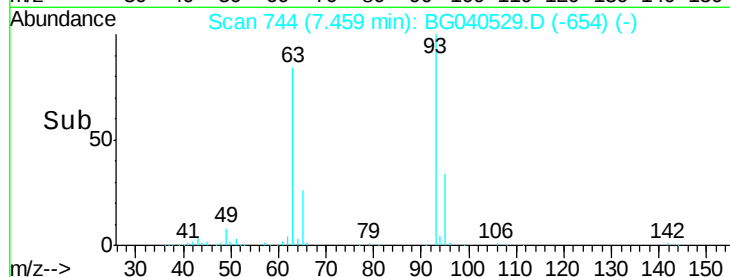
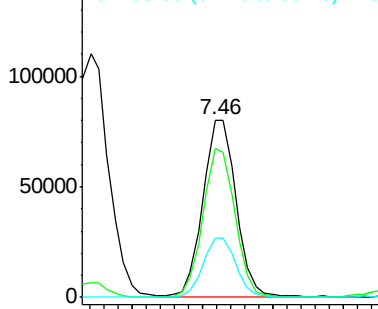
93 100

63 84.0 64.2 104.2

95 33.5 14.0 54.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 37.099 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

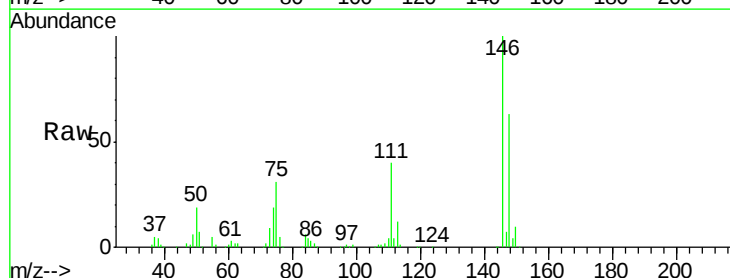
Tgt Ion: 146 Resp: 141891

Ion Ratio Lower Upper

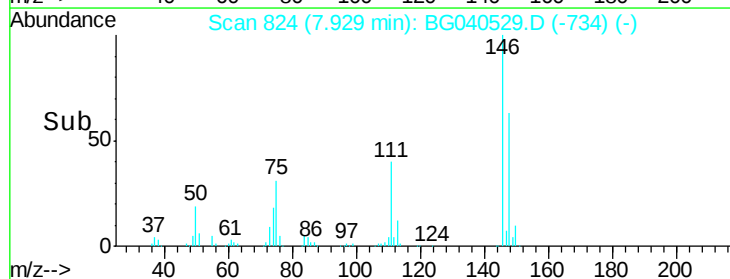
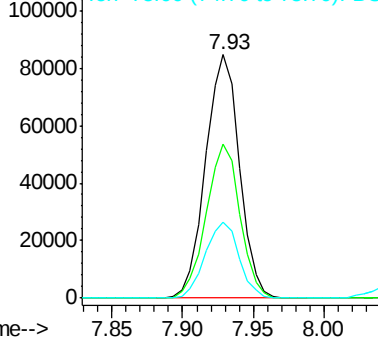
146 100

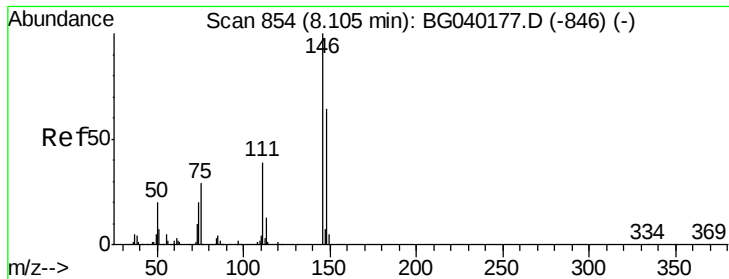
148 63.2 48.2 72.2

75 31.3 24.1 36.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

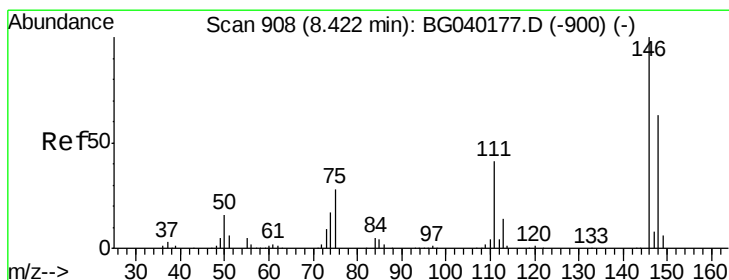
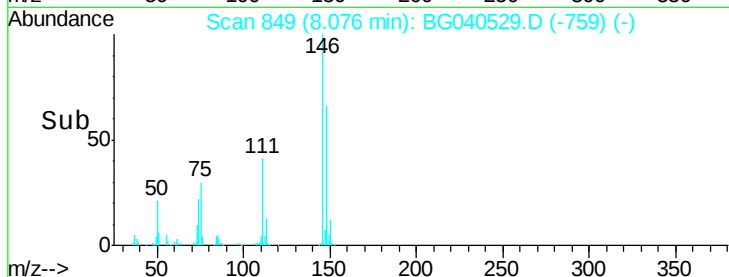
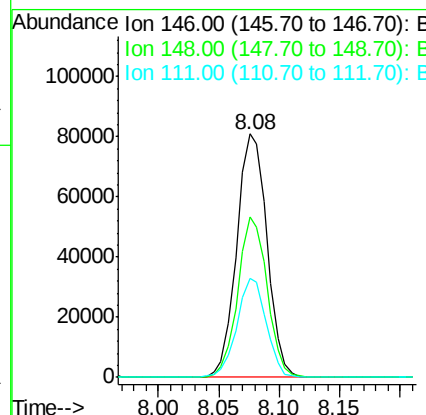
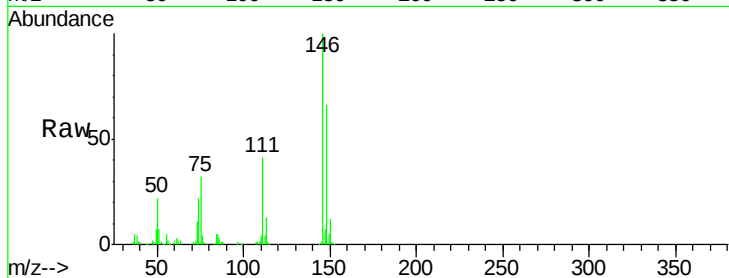




#13
 1,4-Dichlorobenzene
 Concen: 37.151 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

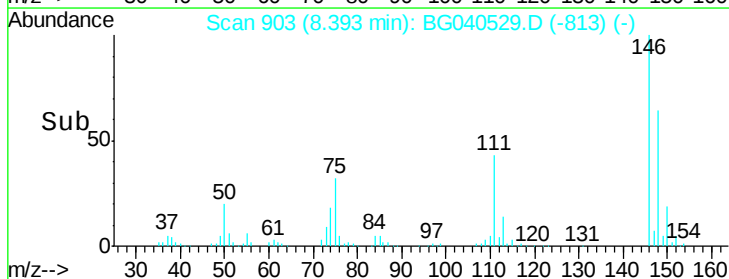
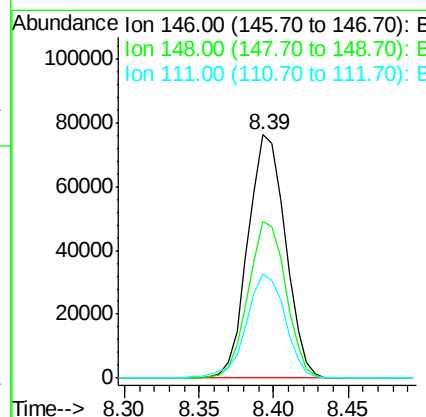
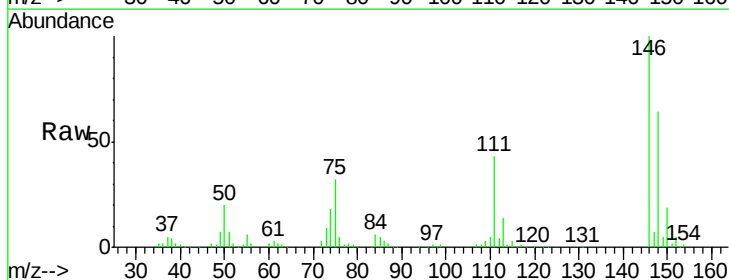
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 141520
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.4
 111 40.7 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 36.379 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion:146 Resp: 132522
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 42.9 33.4 50.0





#15

Benzyl Alcohol

Concen: 34.917 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampled :

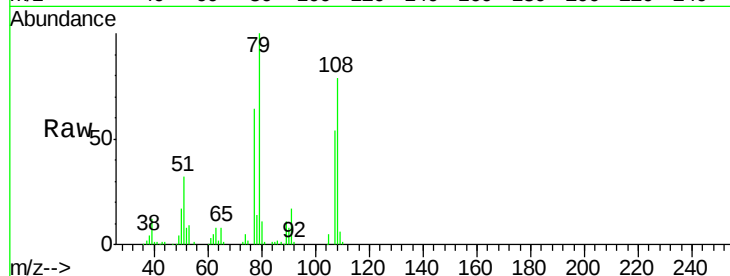
Tot Ion: 79 Resp: 116807

Ion Ratio Lower Upper

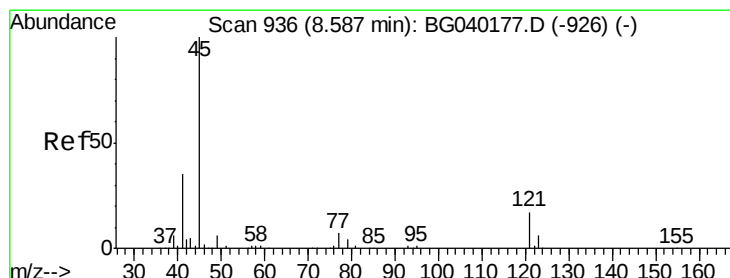
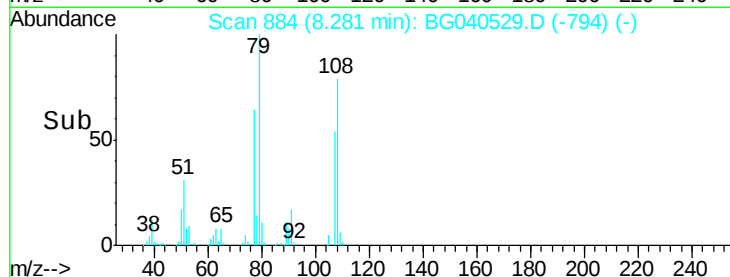
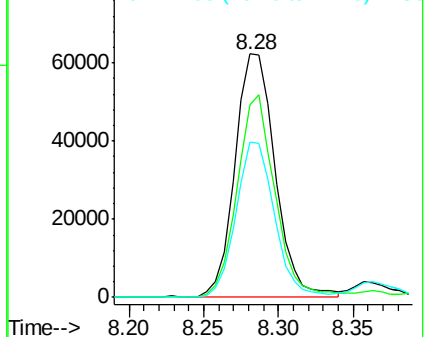
79 100

108 79.0 62.1 93.1

77 63.8 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.366 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

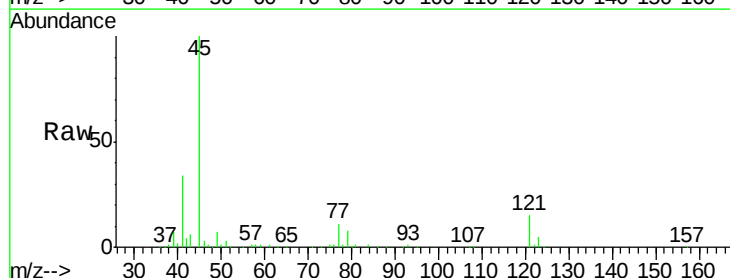
Tgt Ion: 45 Resp: 258963

Ion Ratio Lower Upper

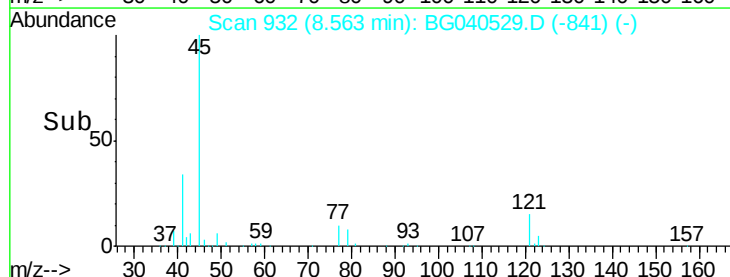
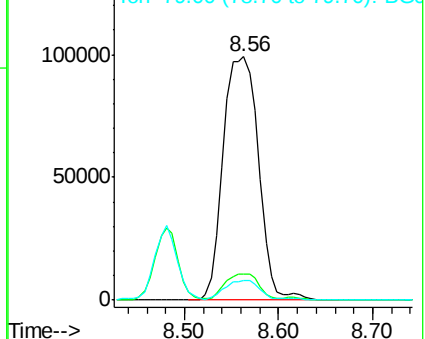
45 100

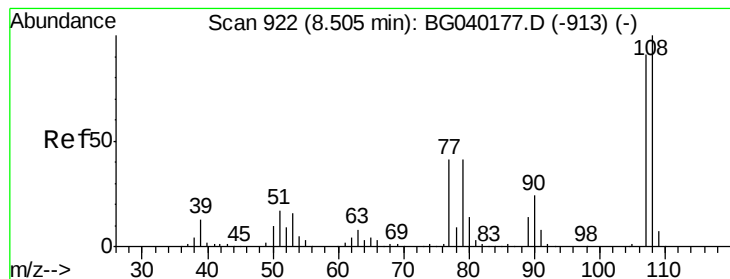
77 10.9 0.0 31.4

79 8.3 0.0 28.3



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

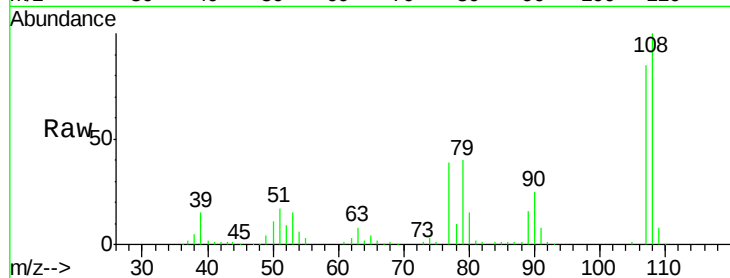




#17
2-Methylphenol
Concen: 35.288 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.7	88.2	132.4
77	45.9	36.6	55.0
79	47.3	36.5	54.7



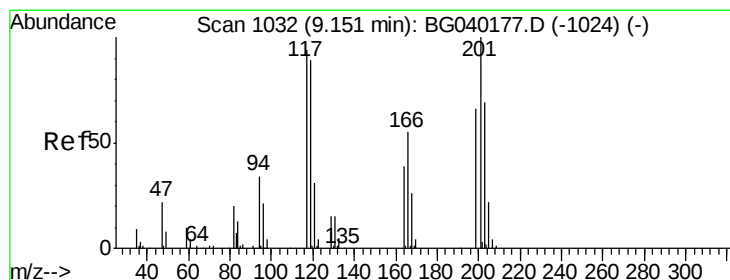
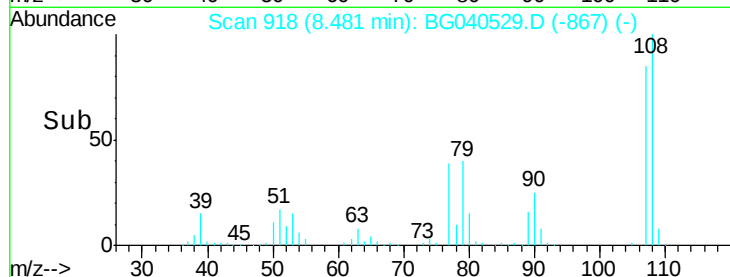
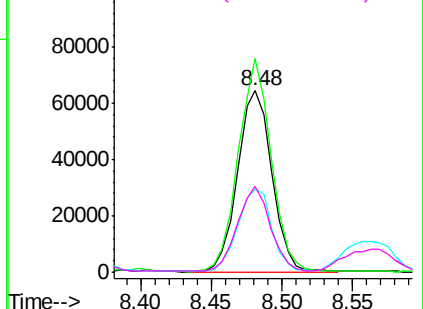
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

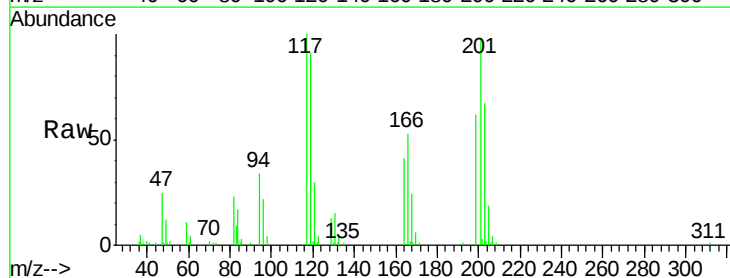
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.390 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.6	115.0
201	98.2	85.0	127.4

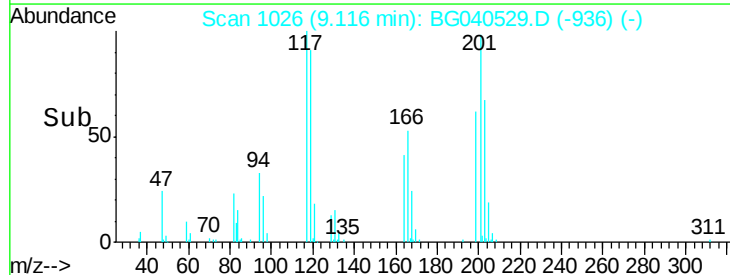
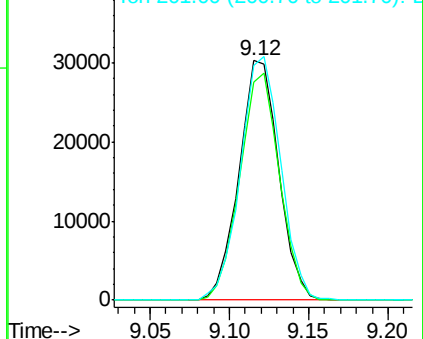


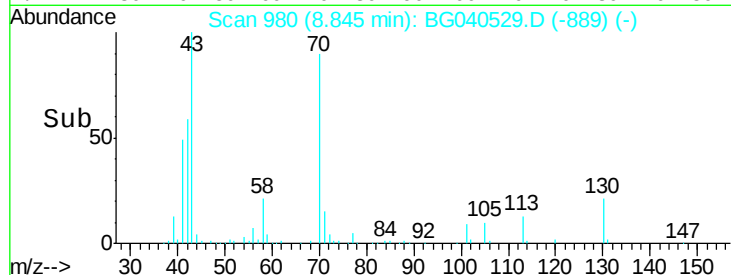
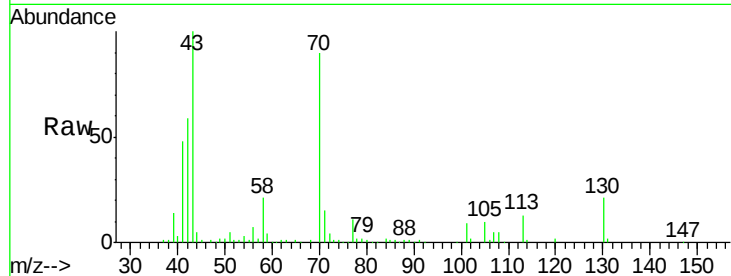
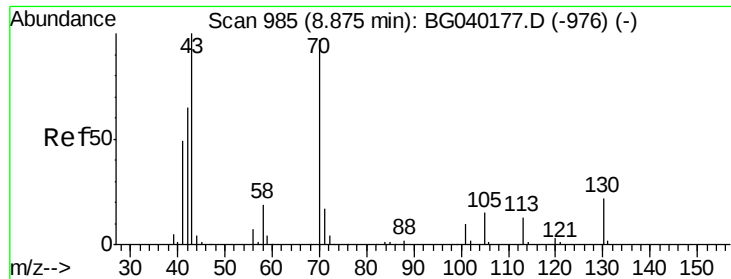
Abundance

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

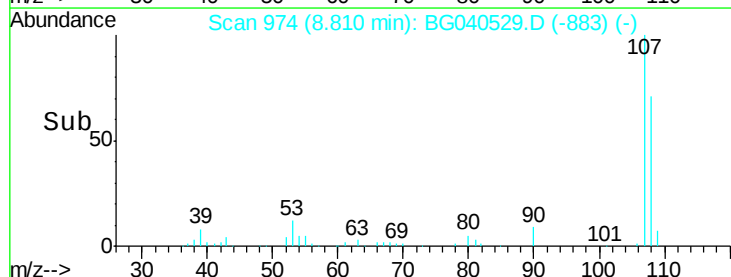
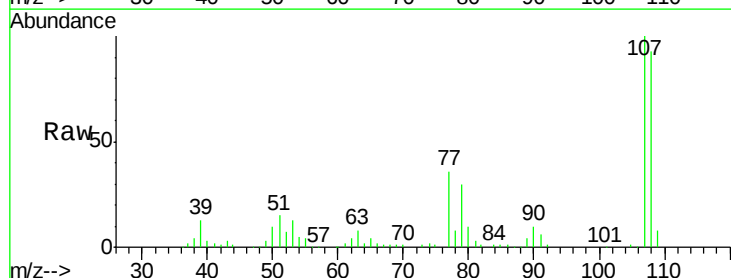
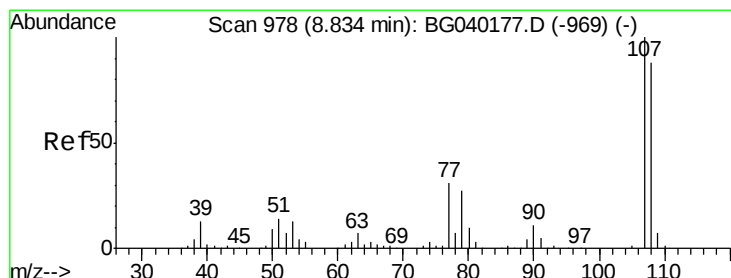
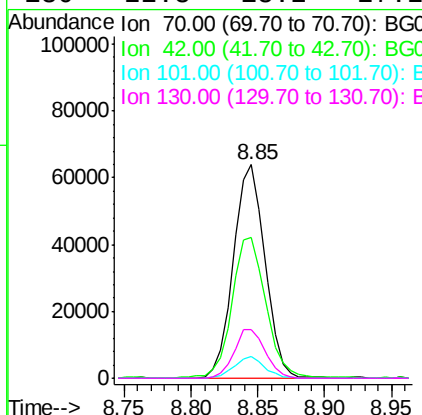




#19
n-Nitroso-di-n-propylamine
Concen: 35.382 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

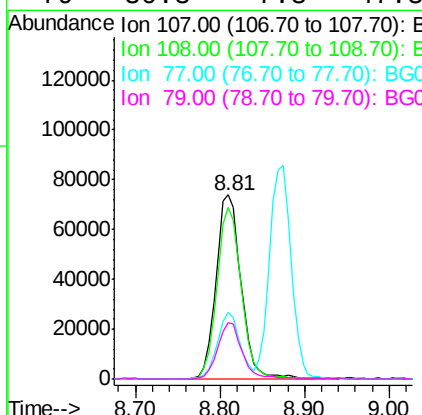
Instrument :
BNA_G
ClientSampled :

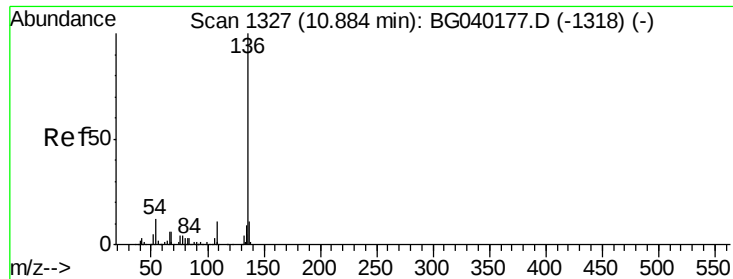
Tot Ion: 70 Resp: 105374
Ion Ratio Lower Upper
70 100
42 65.8 54.0 81.0
101 10.2 8.6 13.0
130 22.8 18.2 27.2



#20
3+4-Methylphenols
Concen: 36.441 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion: 107 Resp: 154018
Ion Ratio Lower Upper
107 100
108 92.9 68.3 108.3
77 35.9 11.3 51.3
79 30.3 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 211262

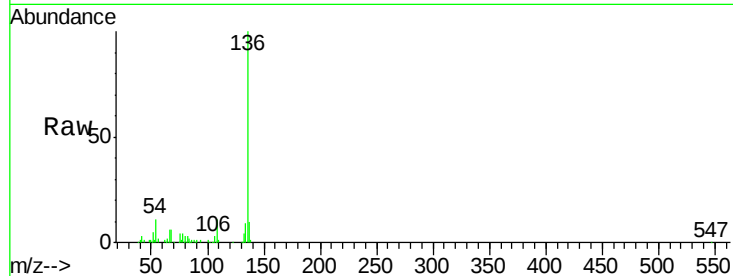
Ion Ratio Lower Upper

136 100

137 10.1 8.9 13.3

54 10.7 9.6 14.4

68 5.8 5.1 7.7

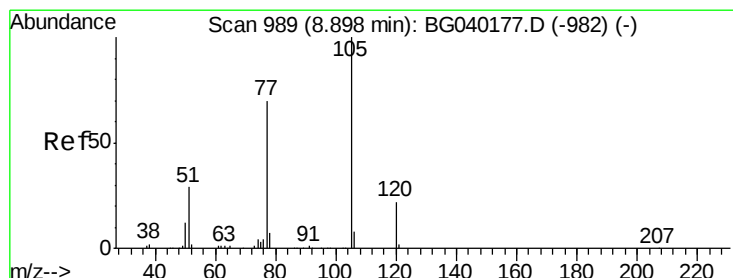
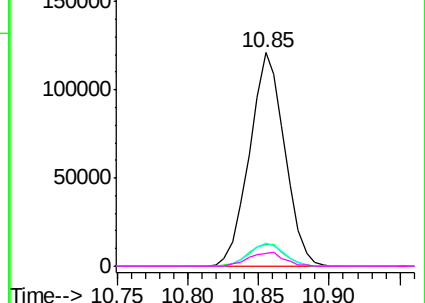
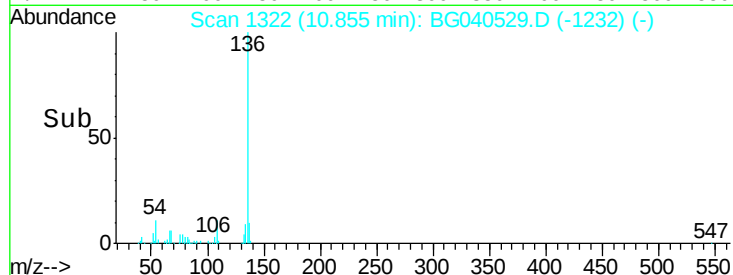


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 36.870 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Tgt Ion:105 Resp: 194300

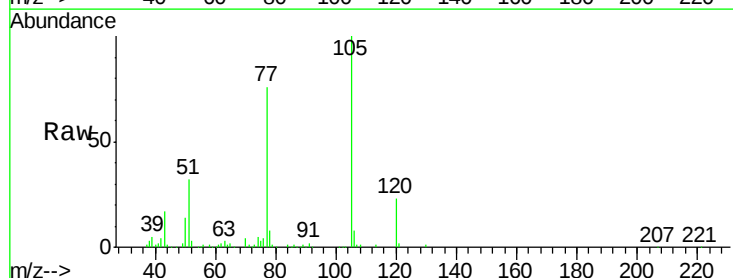
Ion Ratio Lower Upper

105 100

71 0.5 0.6 1.0#

51 31.6 25.1 37.7

120 23.3 17.6 26.4

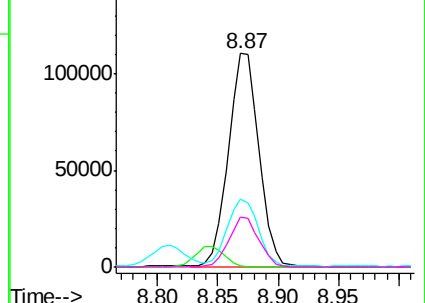
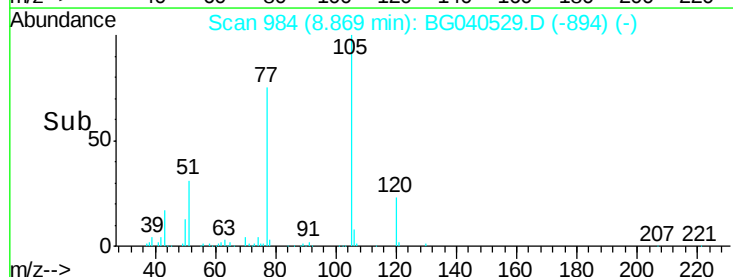


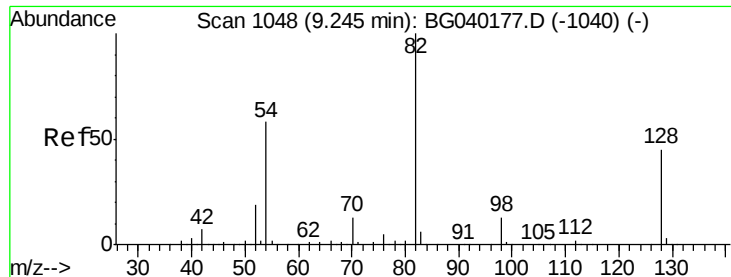
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

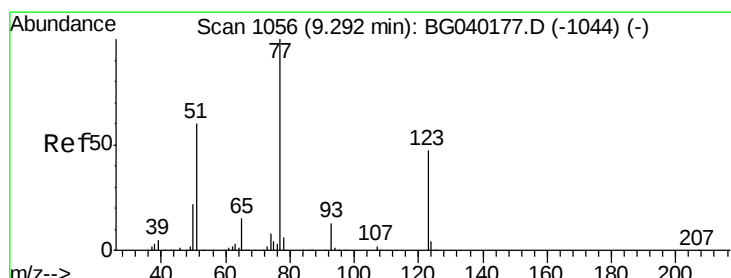
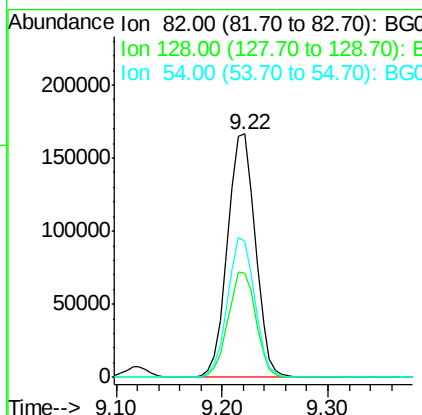
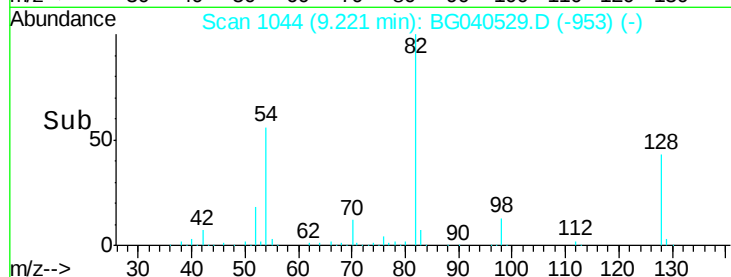
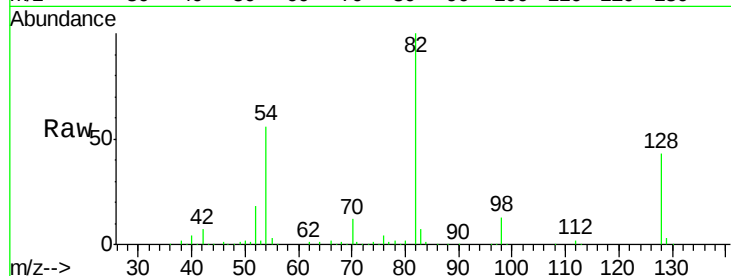




#23
Nitrobenzene-d5
Concen: 76.421 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

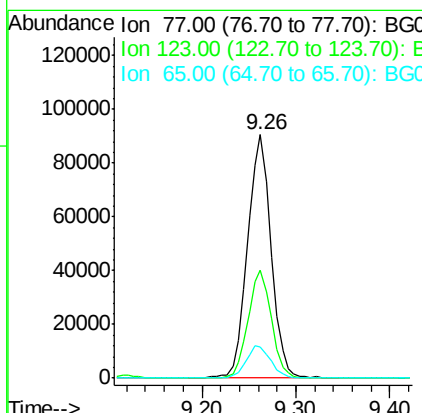
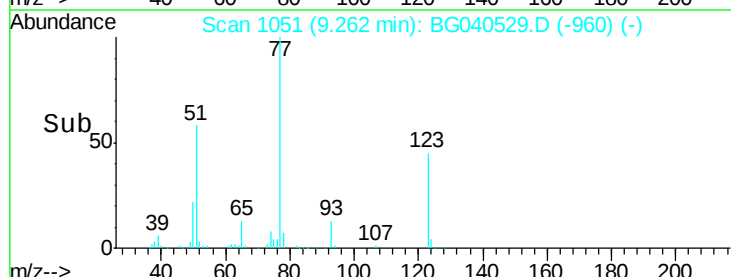
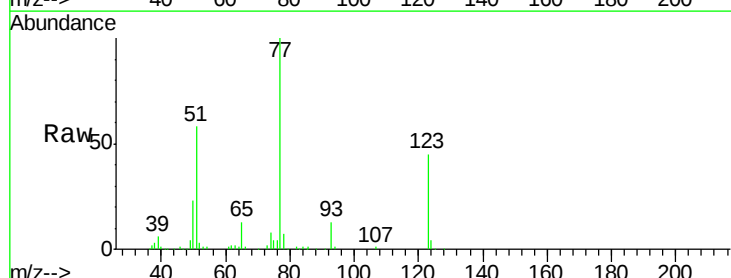
Instrument :
BNA_G
ClientSampled :

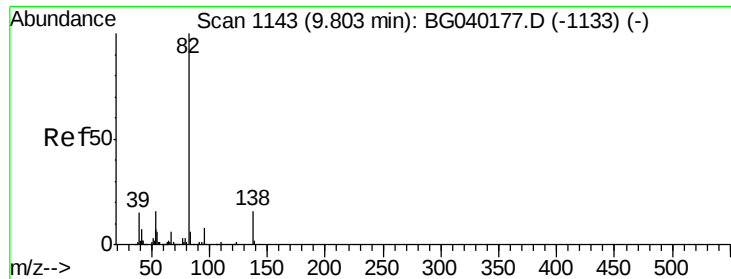
Tot Ion: 82 Resp: 303739
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.8
54 55.8 46.2 69.2



#24
Nitrobenzene
Concen: 38.042 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion: 77 Resp: 156574
Ion Ratio Lower Upper
77 100
123 44.5 37.8 56.6
65 12.6 12.0 18.0





#25

Isophorone

Concen: 37.551 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

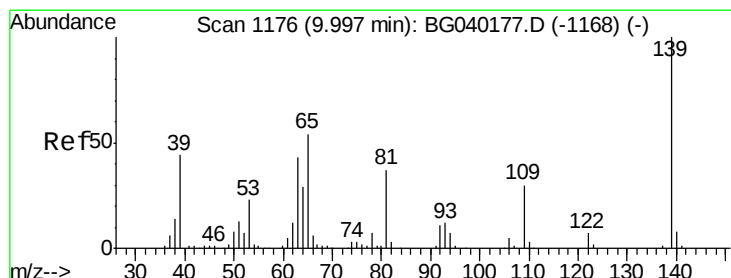
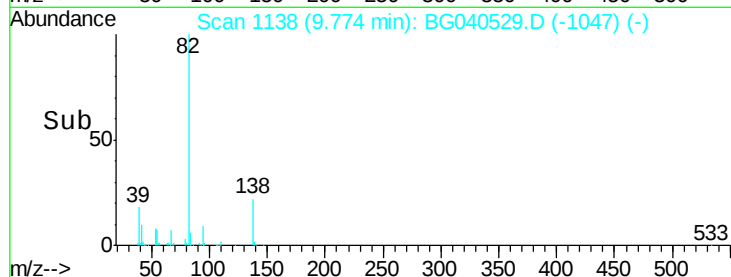
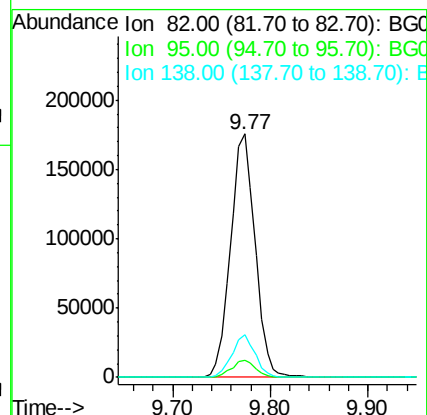
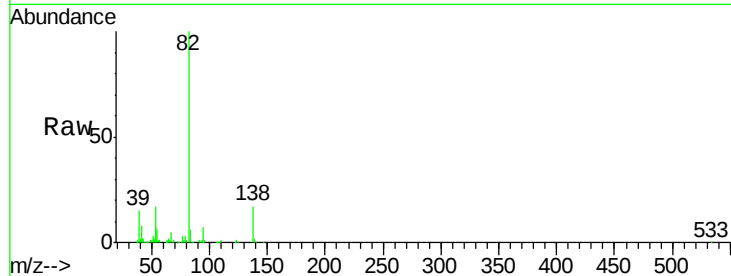
Tot Ion: 82 Resp: 307094

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 17.5 13.2 19.8



#26

2-Nitrophenol

Concen: 39.429 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

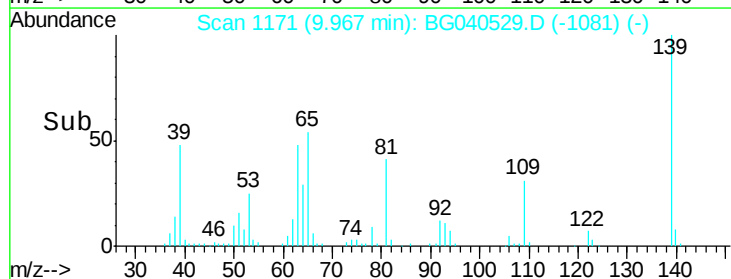
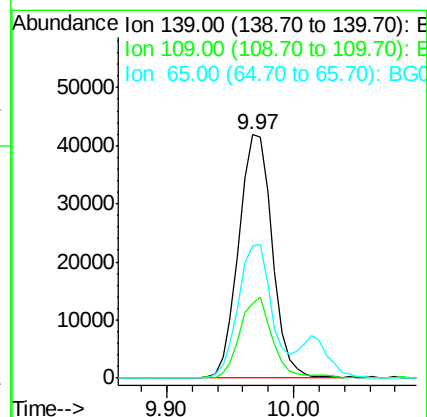
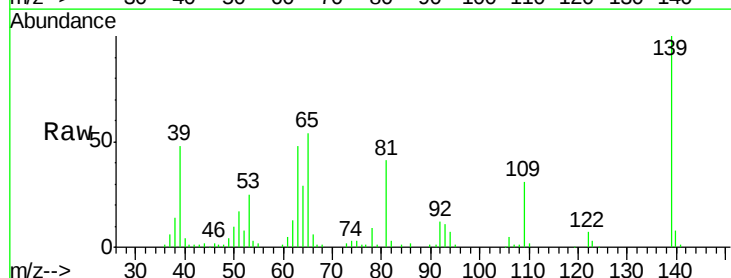
Tgt Ion: 139 Resp: 76896

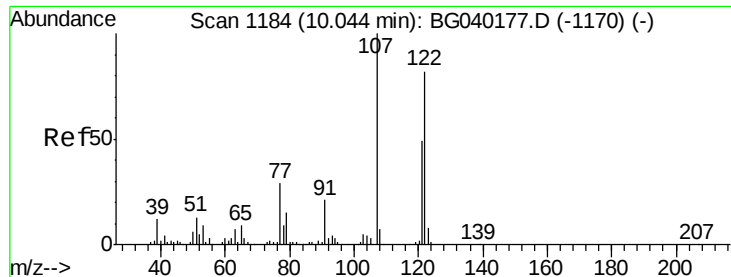
Ion Ratio Lower Upper

139 100

109 30.8 24.1 36.1

65 54.1 43.0 64.6

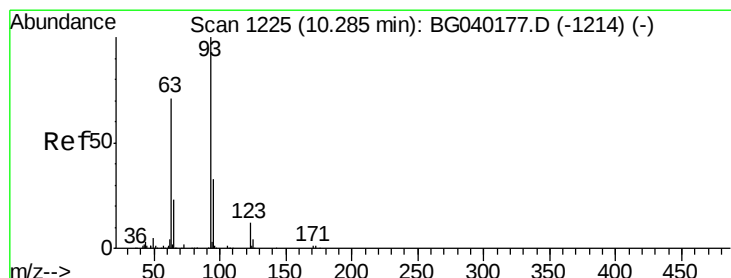
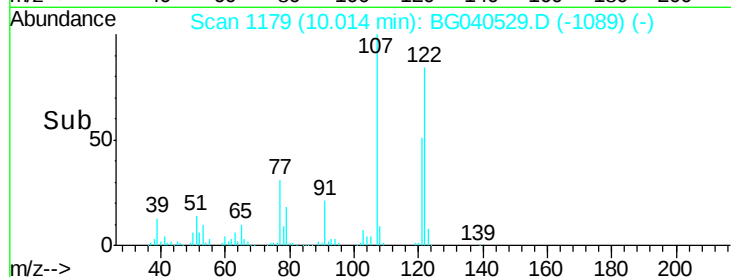
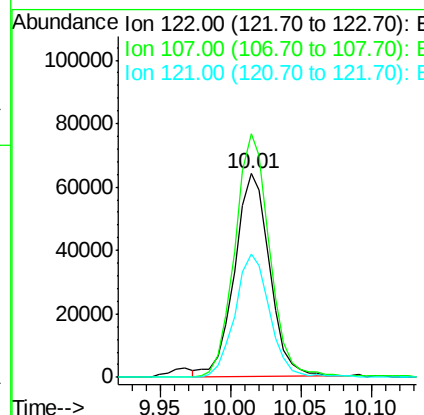
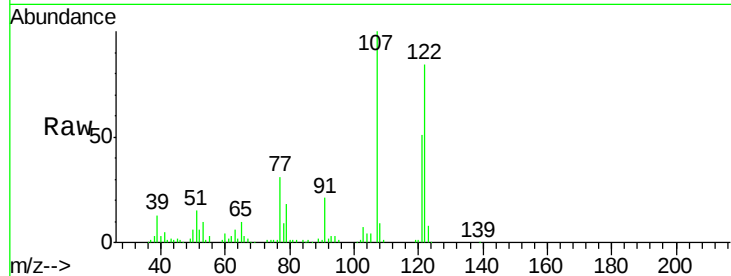




#27
 2,4-Dimethylphenol
 Concen: 35.664 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

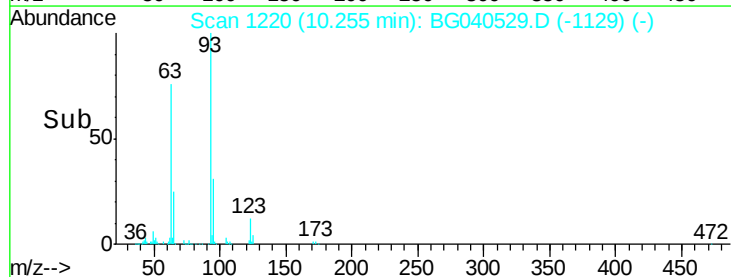
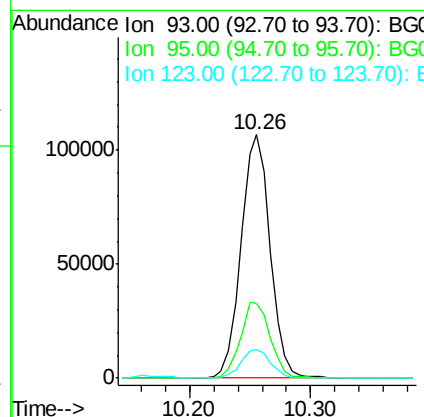
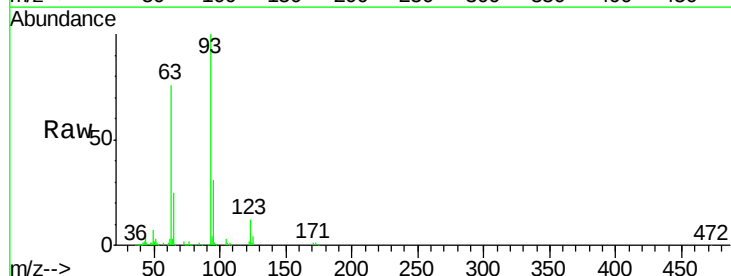
Instrument :
 BNA_G
 ClientSampleId :

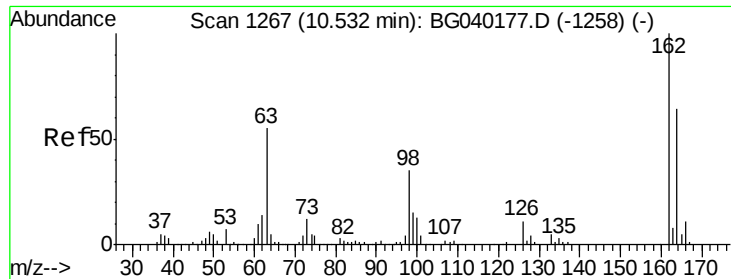
Tot Ion	122	Resp	110481
Ion Ratio	Lower	Upper	
122	100		
107	119.8	97.4	146.2
121	60.6	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.003 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion	93	Resp	179033
Ion Ratio	Lower	Upper	
93	100		
95	30.7	26.2	39.4
123	11.9	9.4	14.0

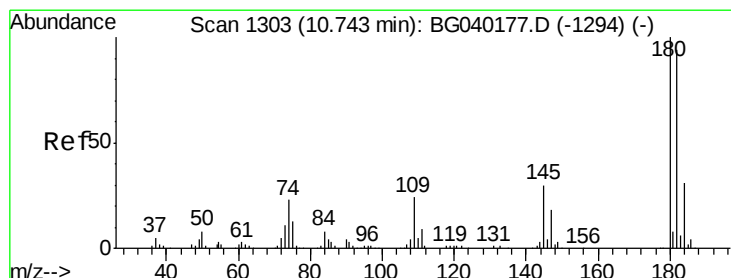
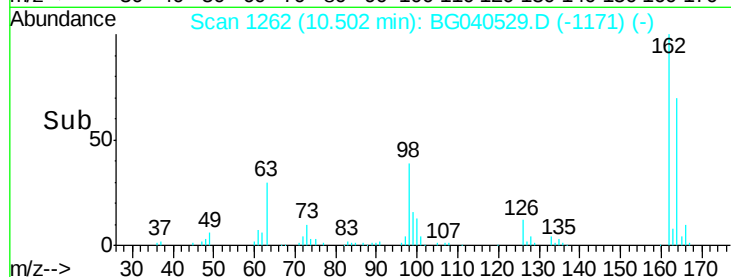
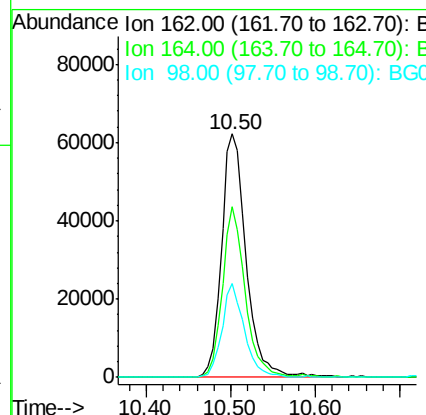
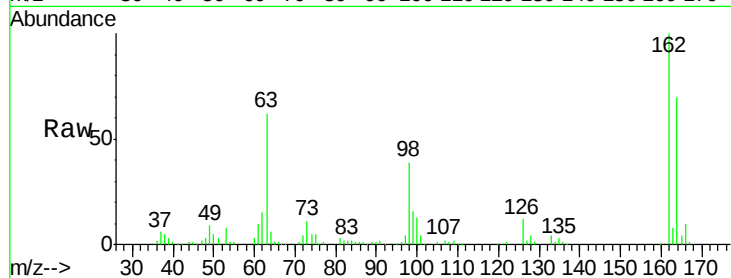




#29
 2,4-Dichlorophenol
 Concen: 37.555 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

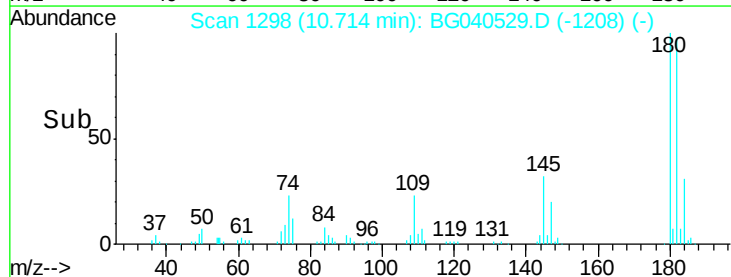
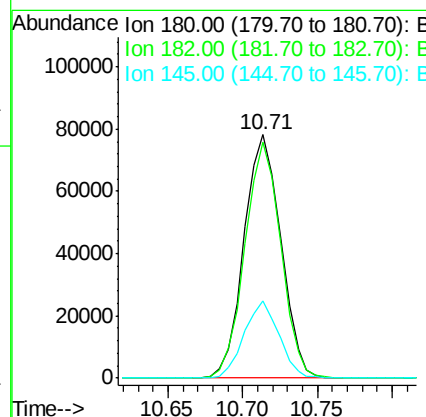
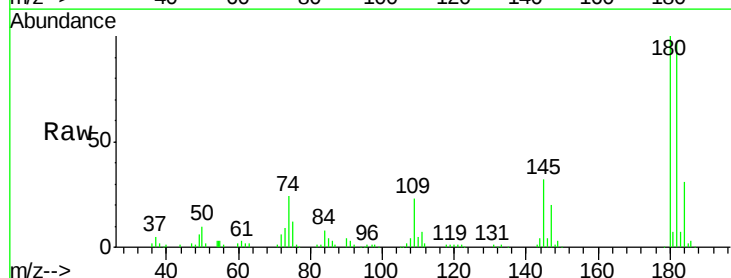
Instrument :
 BNA_G
 ClientSampleId :

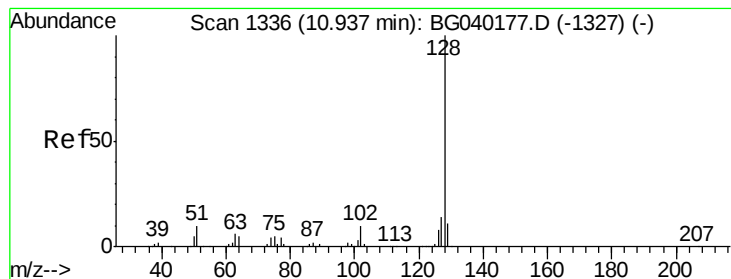
Tot Ion	Ratio	Lower	Upper
162	100		
164	70.1	43.9	83.9
98	38.6	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.199 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.1	112.7
145	32.0	24.1	36.1





#31

Naphthalene

Concen: 37.776 ng

RT: 10.91 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

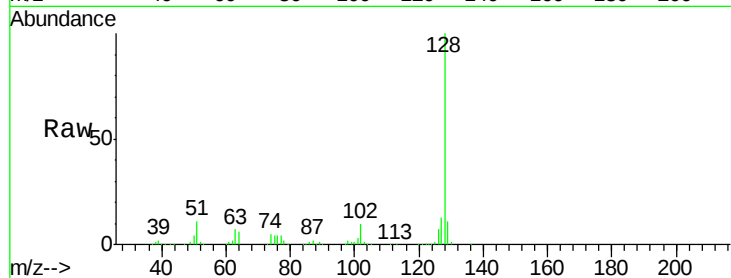
Tot Ion:128 Resp: 409065

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

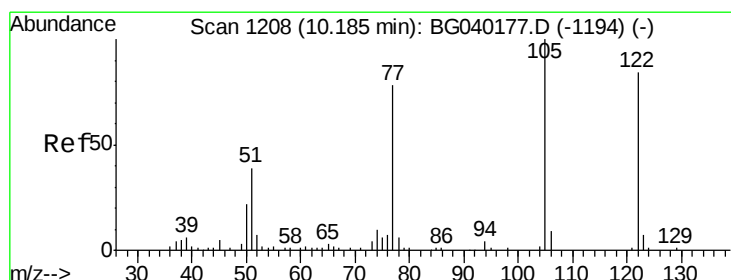
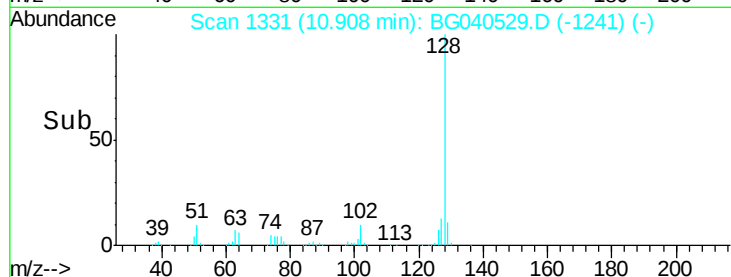
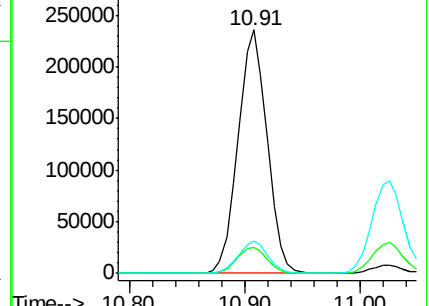
127 13.4 11.4 17.0



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: 22.116 ng

RT: 10.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

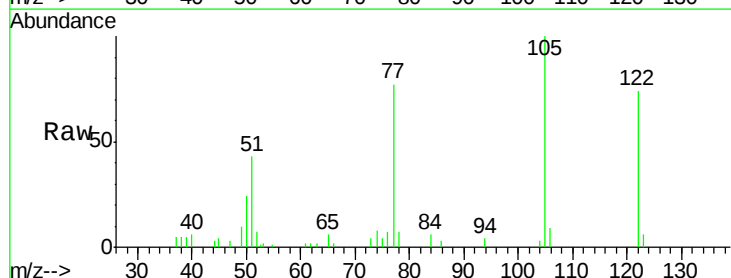
Tgt Ion:122 Resp: 41394

Ion Ratio Lower Upper

122 100

105 134.6 98.2 138.2

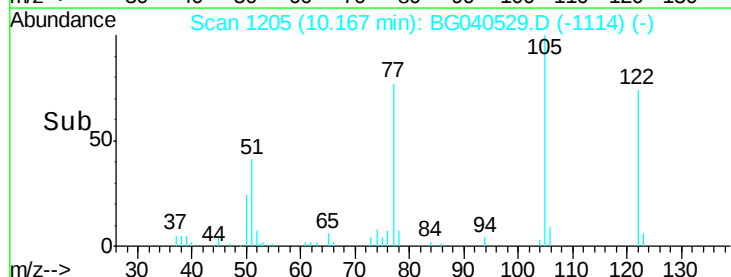
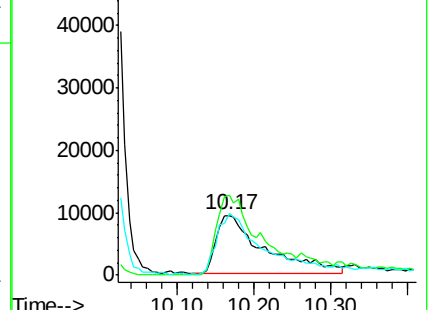
77 103.4 73.6 113.6



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

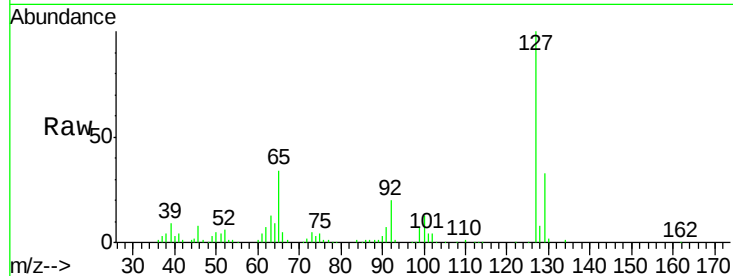




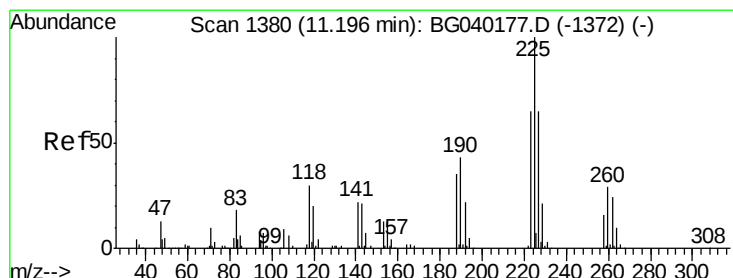
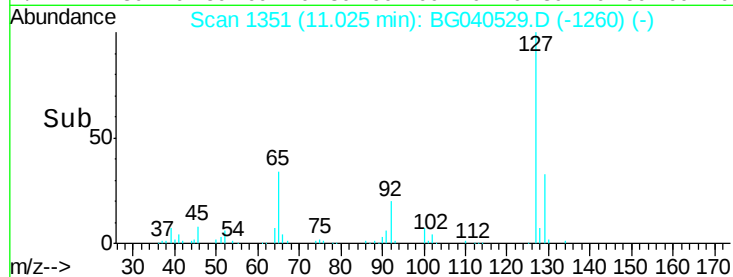
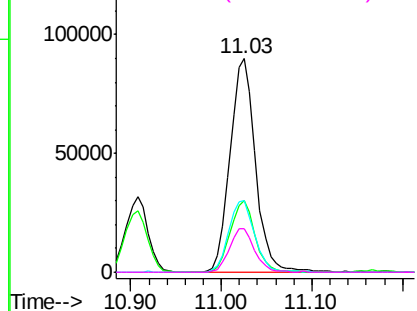
#33
4-Chloroaniline
Concen: 38.166 ng
RT: 11.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	176288
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	40.0
65	33.7	27.0	40.4
92	20.2	16.6	25.0

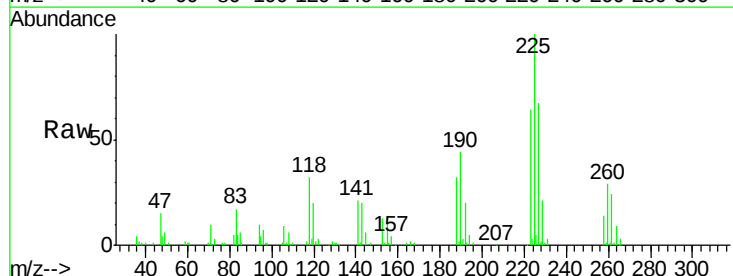


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

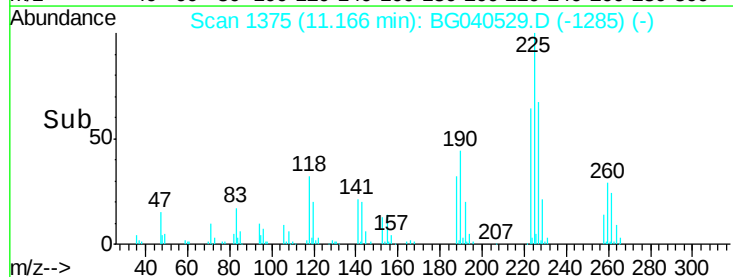
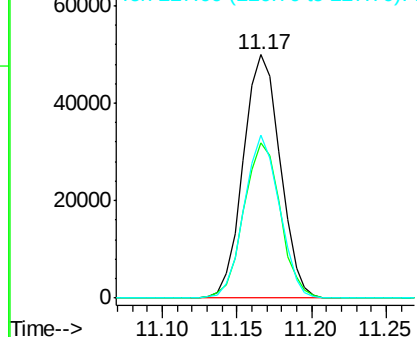


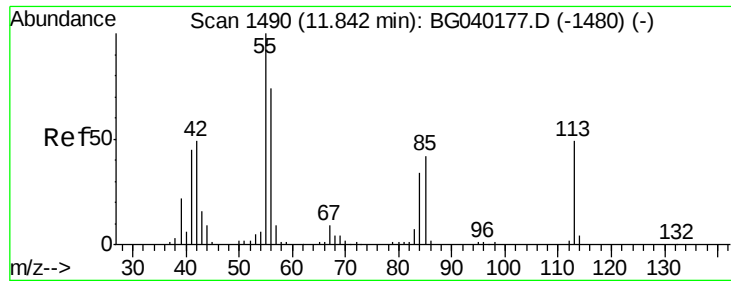
#34
Hexachlorobutadiene
Concen: 36.160 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion:	225	Resp:	85384
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.8	77.8
227	66.9	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: 40.918 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

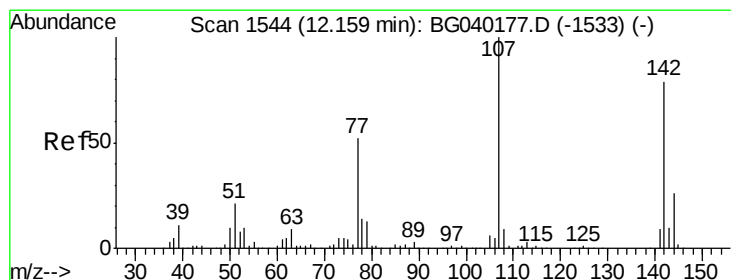
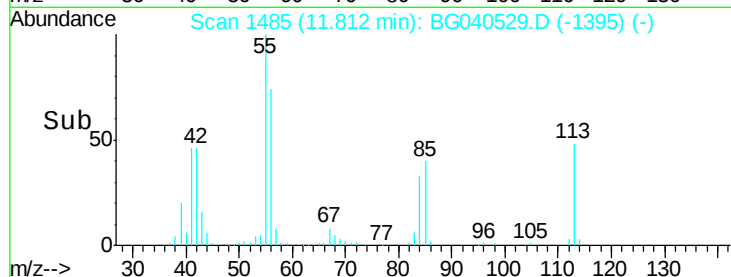
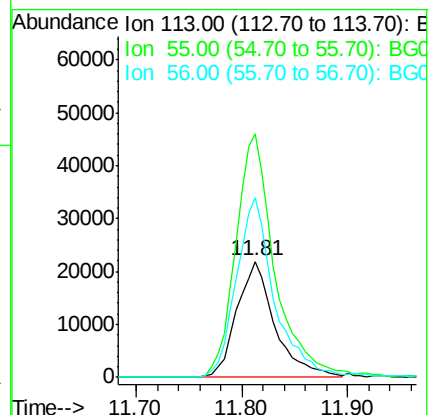
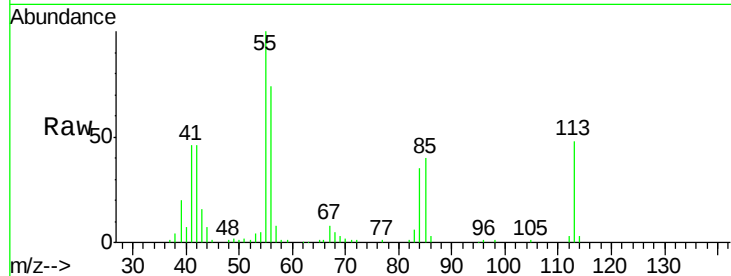
Tot Ion:113 Resp: 54599

Ion Ratio Lower Upper

113 100

55 209.9 184.2 224.2

56 155.4 131.3 171.3



#36

4-Chloro-3-methylphenol

Concen: 39.601 ng

RT: 12.13 min Scan# 1539

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

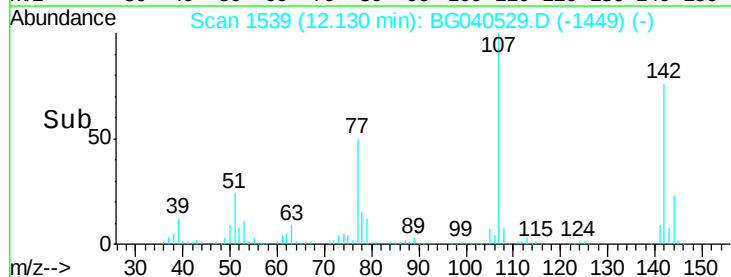
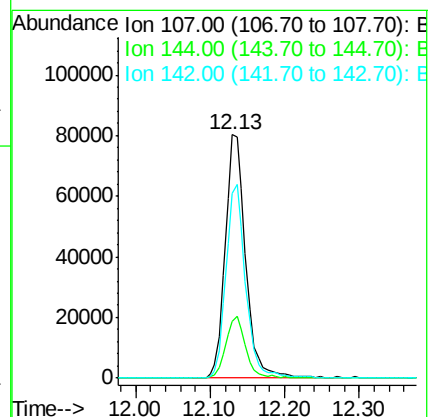
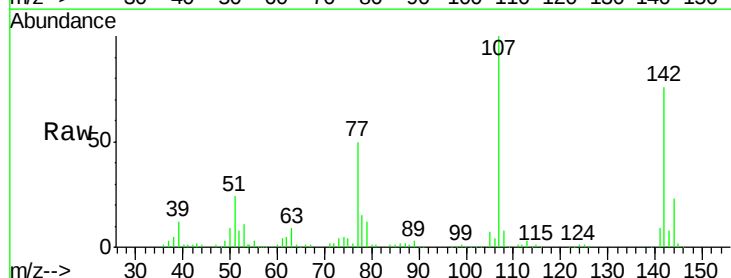
Tgt Ion:107 Resp: 153081

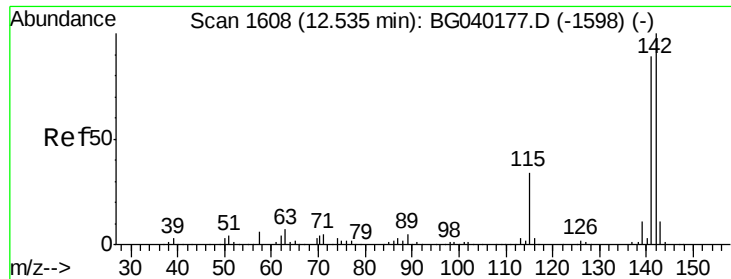
Ion Ratio Lower Upper

107 100

144 23.1 20.5 30.7

142 75.9 63.1 94.7

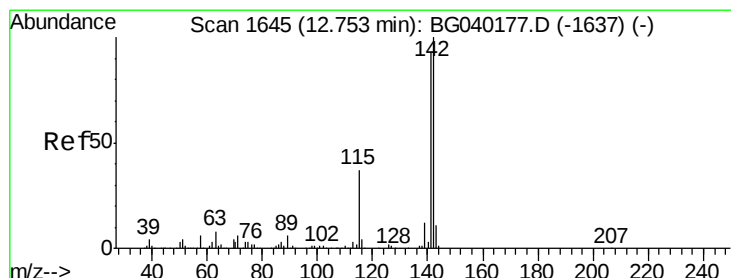
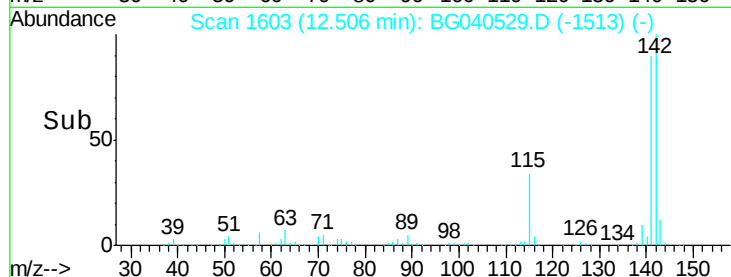
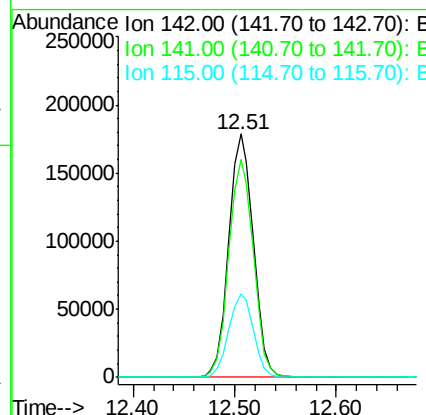
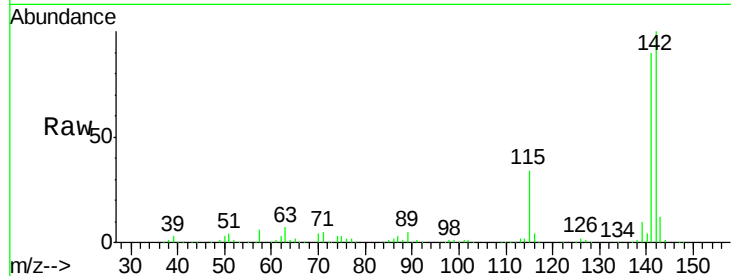




#37
 2-Methylnaphthalene
 Concen: 37.496 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

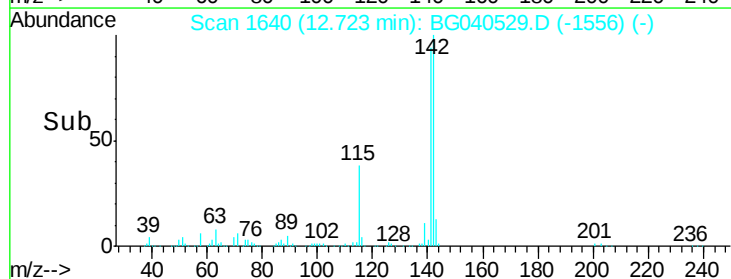
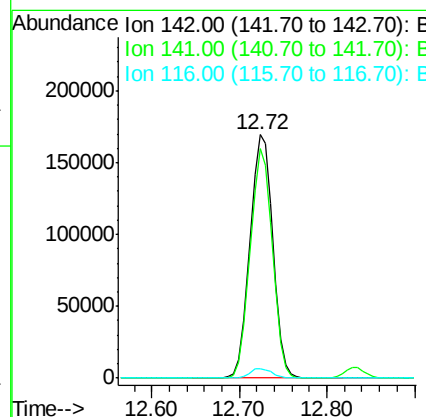
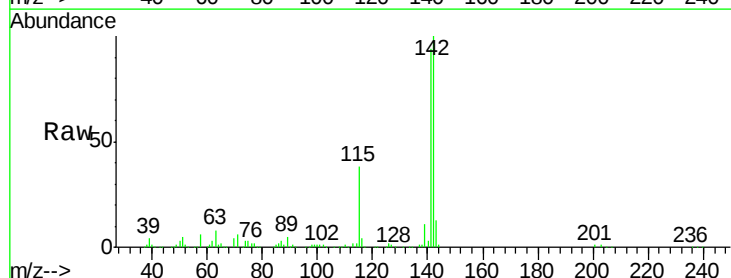
Instrument :
 BNA_G
 ClientSampleID :

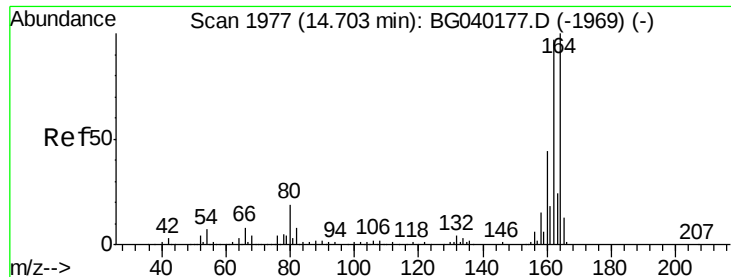
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	34.3	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 38.434 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	4.0	3.0	4.4

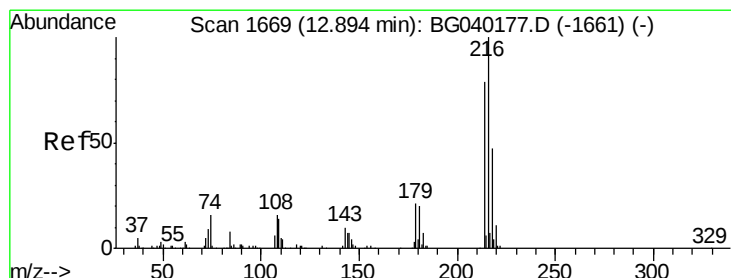
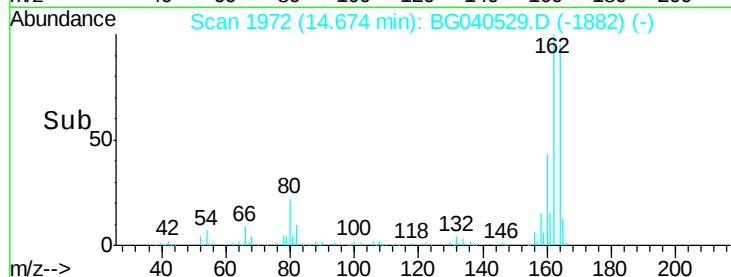
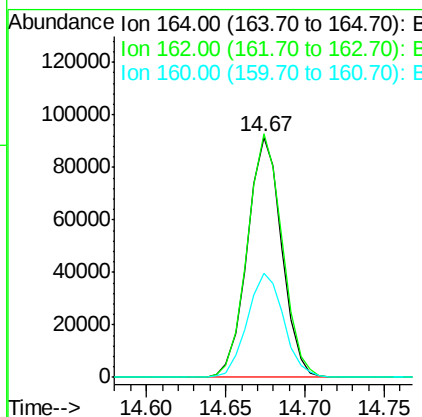
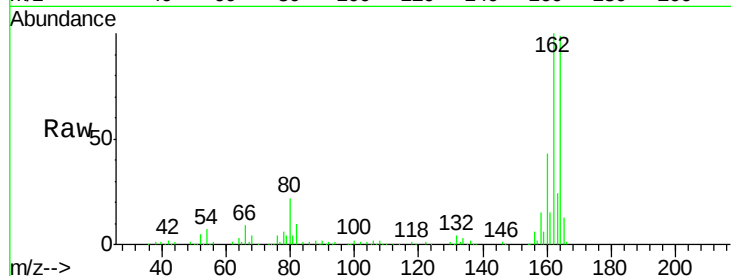




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

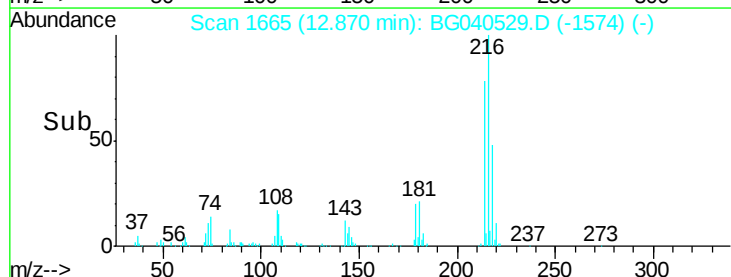
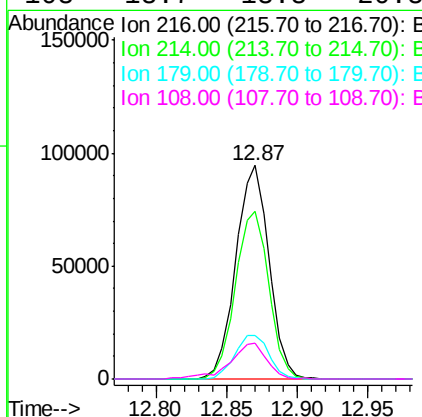
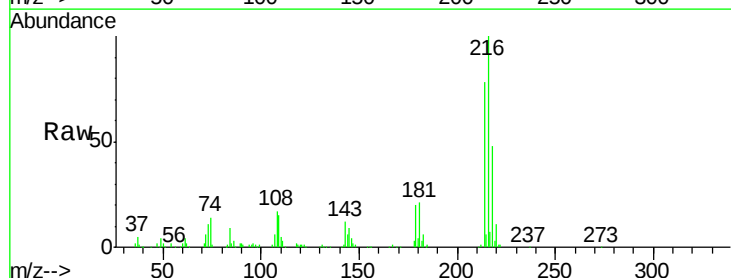
Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 137429
Ion Ratio Lower Upper
164 100
162 101.5 77.4 116.2
160 43.2 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.498 ng
RT: 12.87 min Scan# 1665
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion:216 Resp: 155054
Ion Ratio Lower Upper
216 100
214 79.0 63.5 95.3
179 21.1 16.6 25.0
108 18.7 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 43.208 ng

RT: 12.83 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

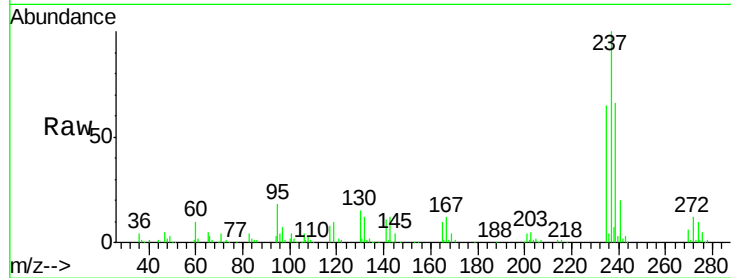
Tot Ion:237 Resp: 103628

Ion Ratio Lower Upper

237 100

235 64.5 46.2 86.2

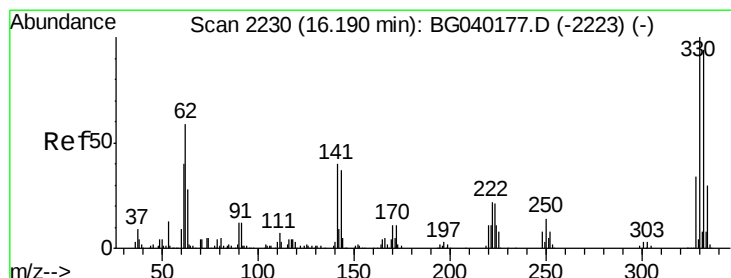
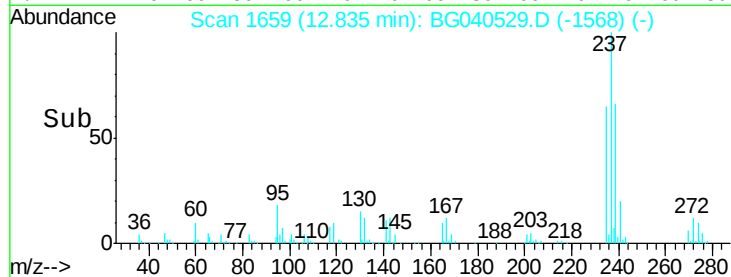
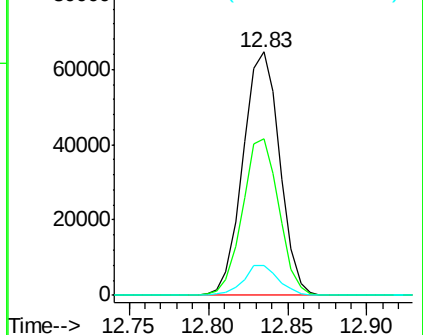
272 12.3 0.0 30.5



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: 81.845 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

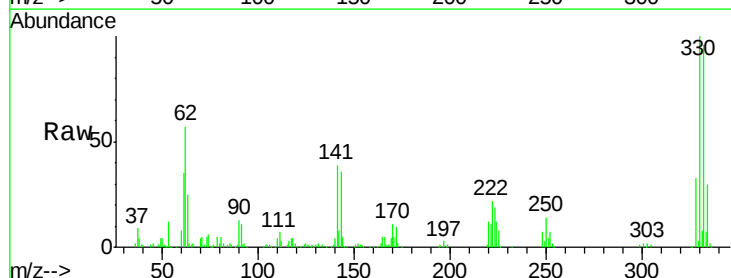
Tgt Ion:330 Resp: 121560

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

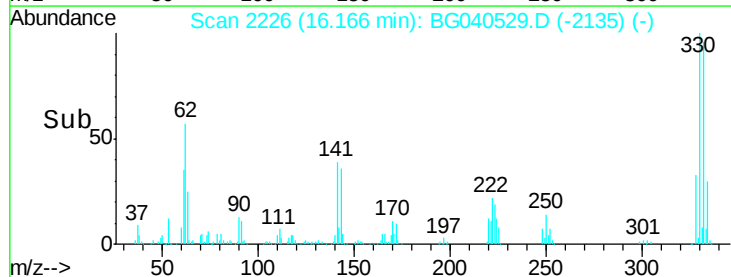
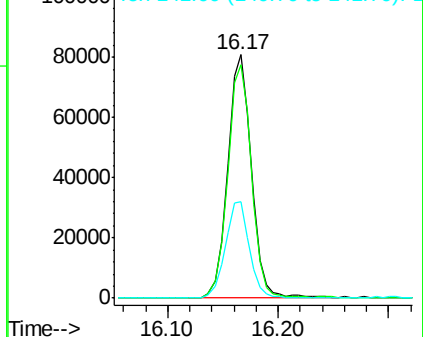
141 39.9 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

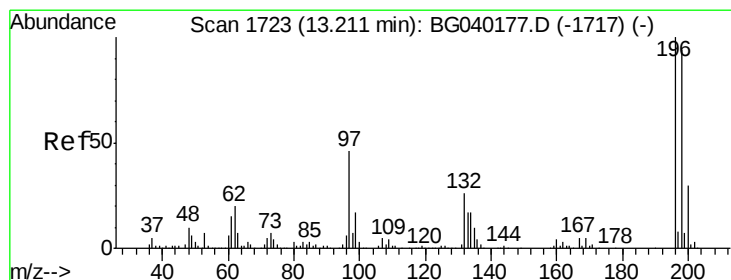
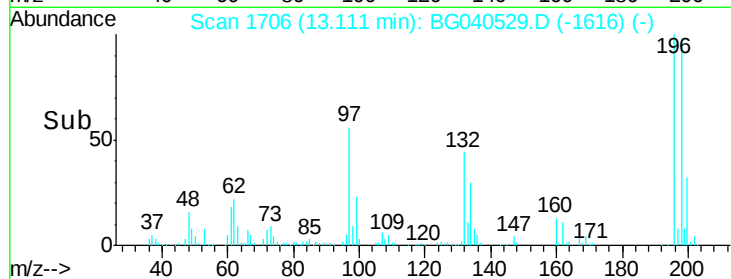
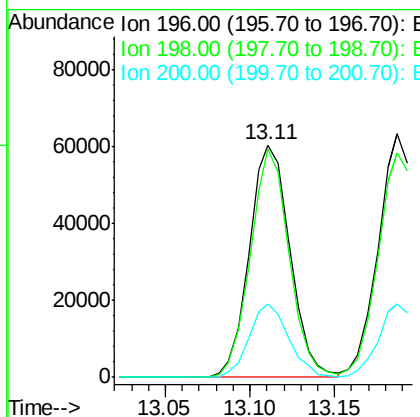
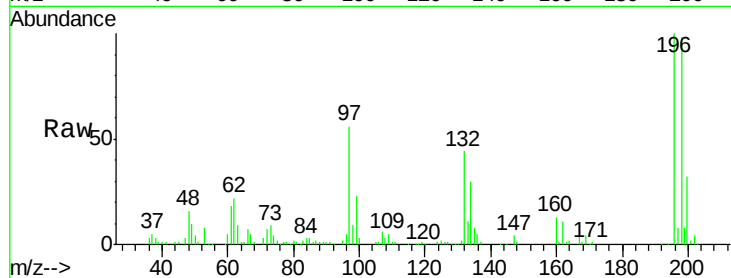




#43
 2,4,6-Trichlorophenol
 Concen: 35.782 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

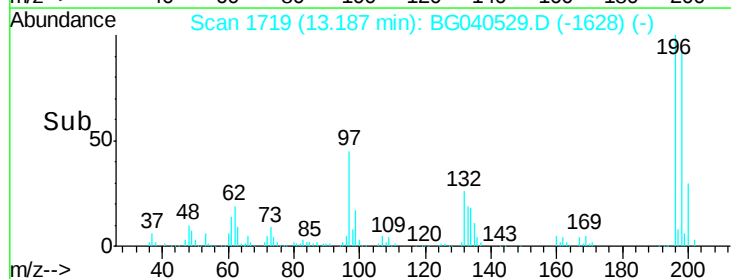
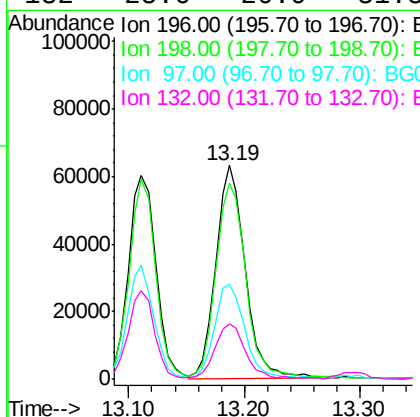
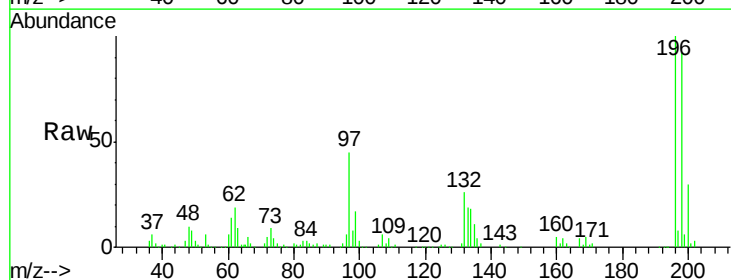
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	100767
Ion	Ratio	Lower	Upper
196	100		
198	98.1	78.3	117.5
200	31.9	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 35.894 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion	196	Resp	110178
Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.0	112.6
97	44.5	37.3	55.9
132	25.6	20.9	31.3

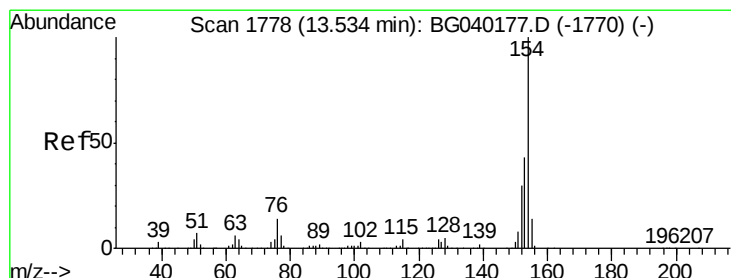
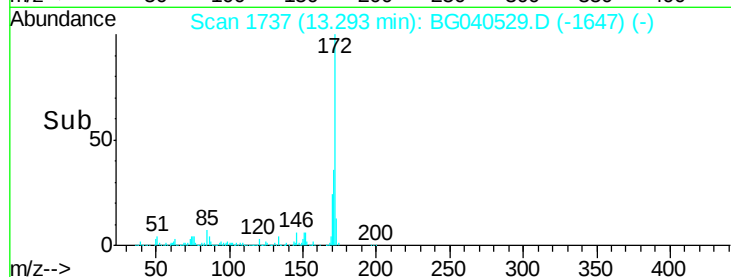
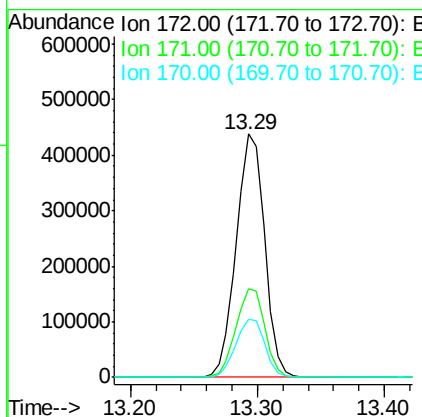
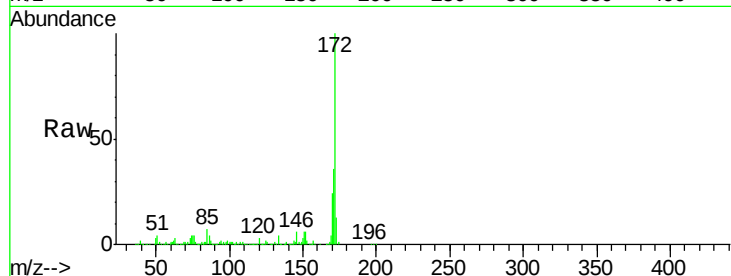




#45
2-Fluorobiphenyl
Concen: 73.266 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

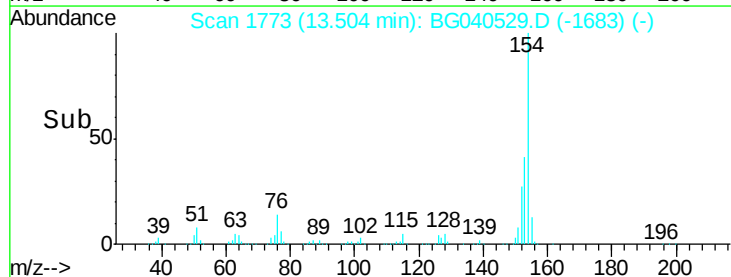
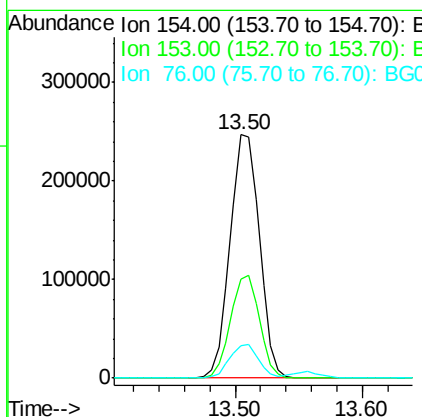
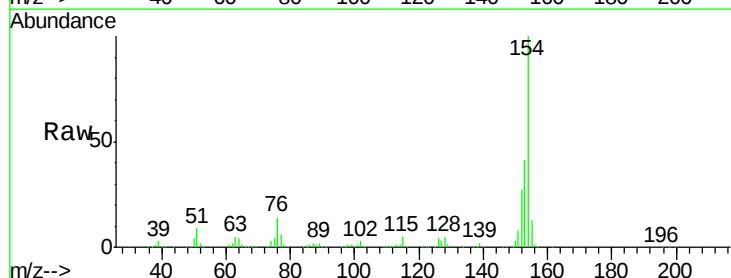
Instrument :
BNA_G
ClientSampled :

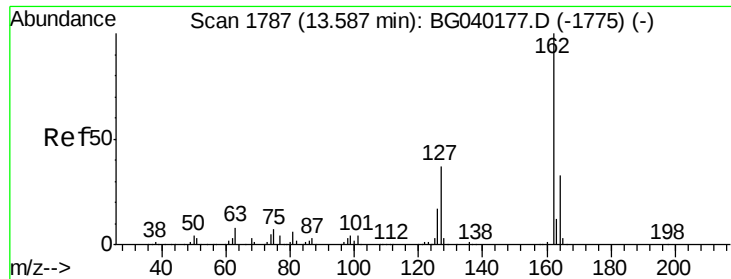
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.7	20.1	30.1



#46
1,1'-Biphenyl
Concen: 36.463 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.5	62.5
76	13.5	0.0	33.7

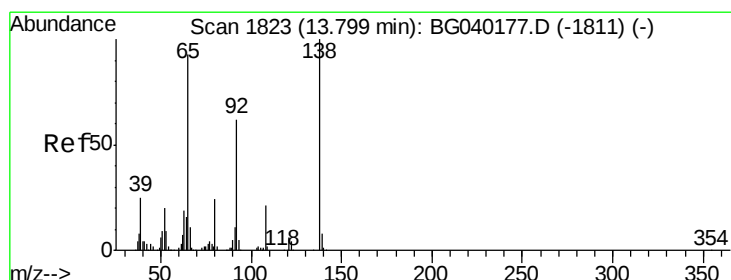
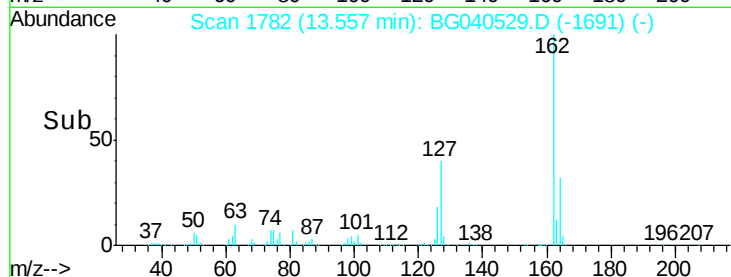
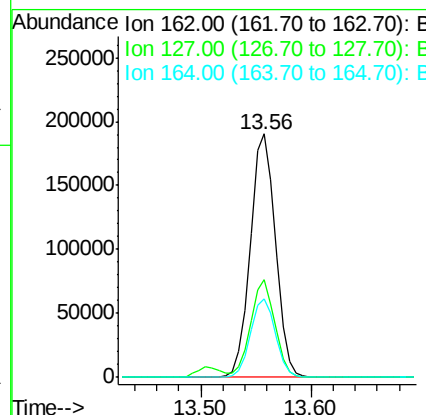
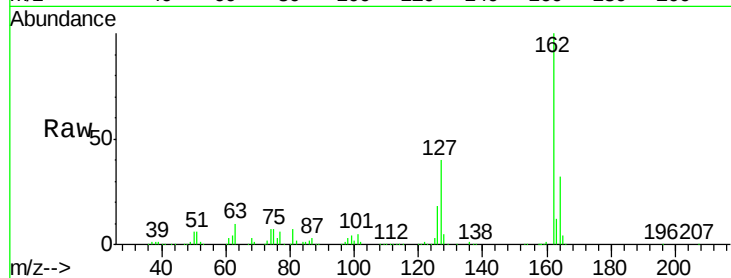




#47
 2-Chloronaphthalene
 Concen: 36.568 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

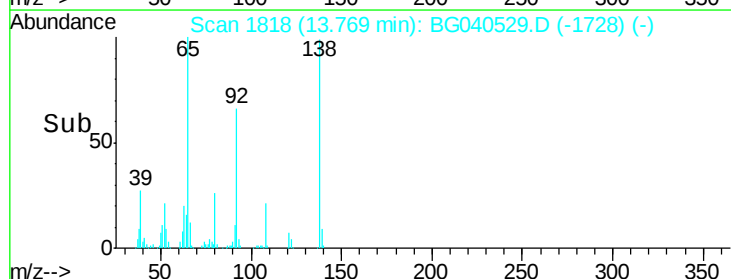
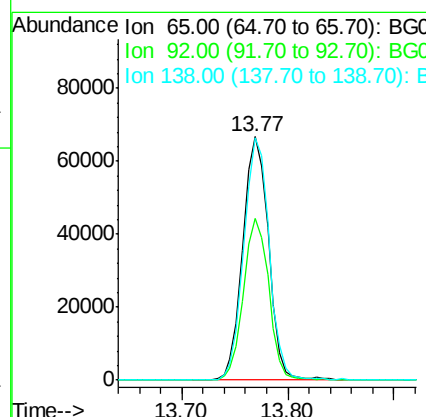
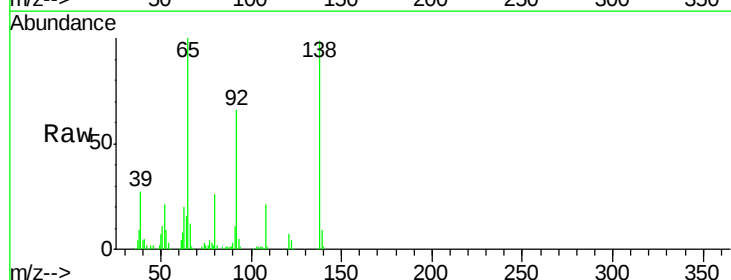
Instrument :
 BNA_G
 ClientSampleId :

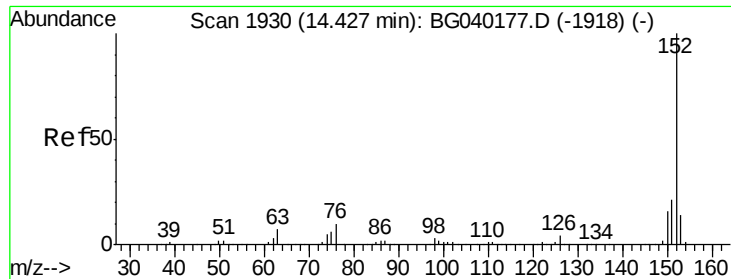
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	30.6	45.8
164	32.0	26.2	39.4



#48
 2-Nitroaniline
 Concen: 40.085 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.8	80.6
138	99.4	86.3	129.5





#49

Acenaphthylene

Concen: 37.731 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

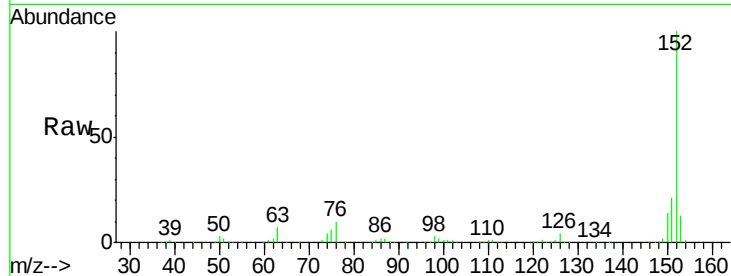
Tot Ion:152 Resp: 532844

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

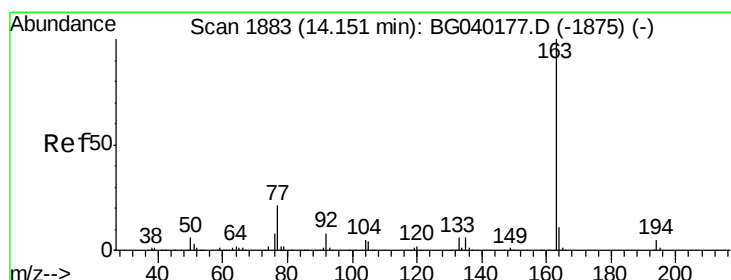
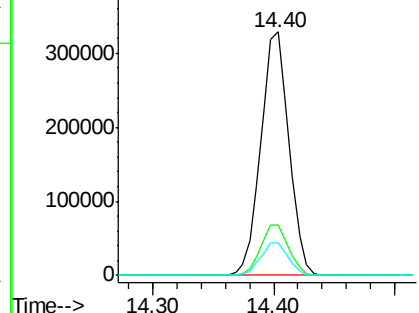
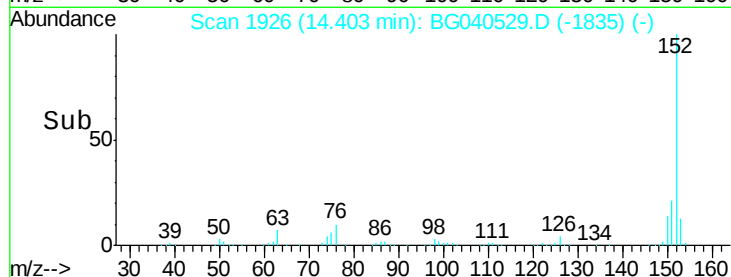
153 13.5 10.8 16.2



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: 38.975 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

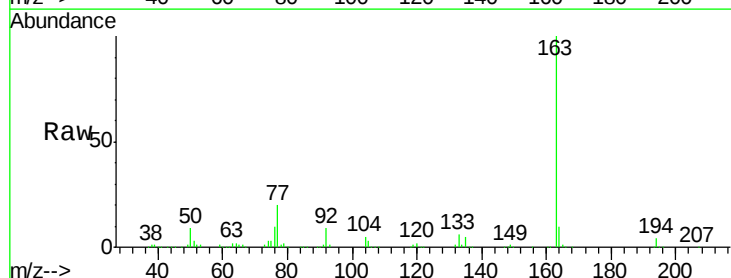
Tgt Ion:163 Resp: 419209

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

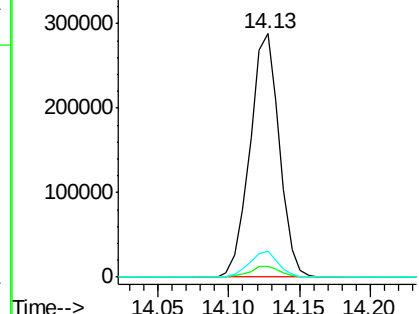
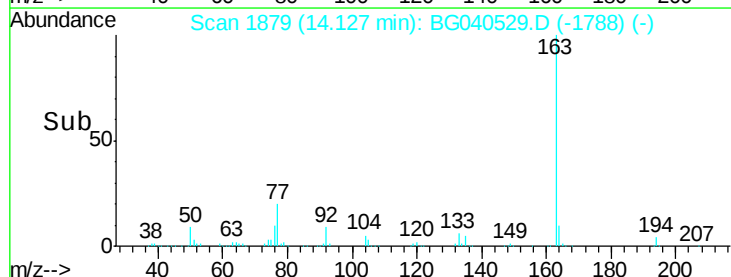
164 10.4 8.6 13.0

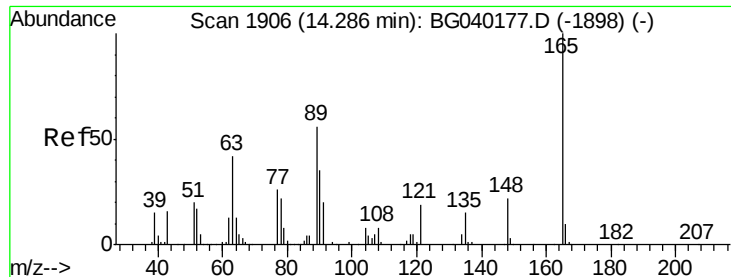


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

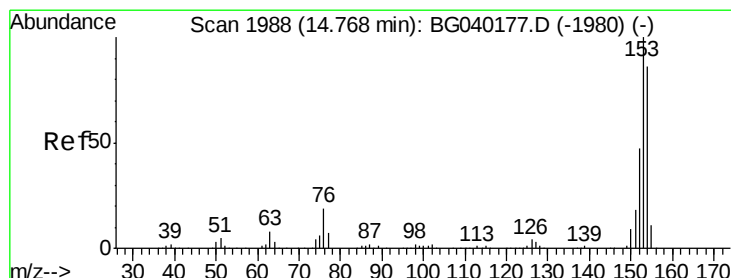
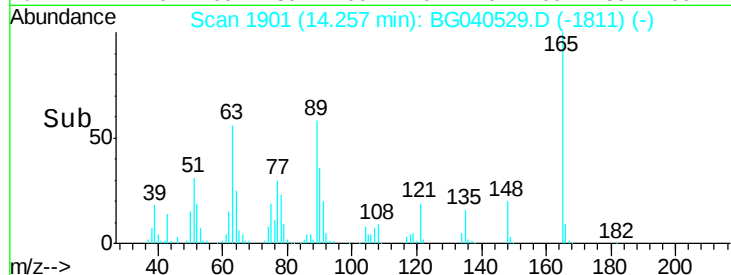
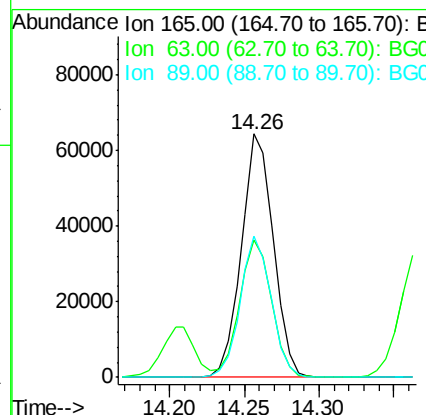
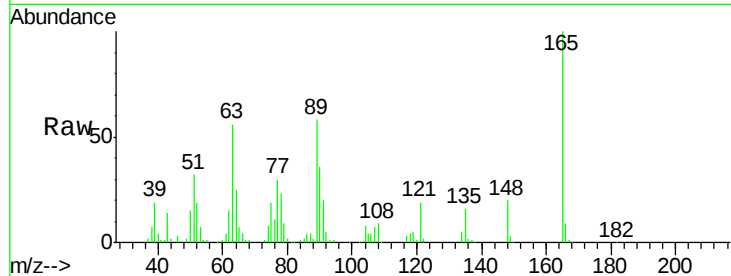




#51
 2,6-Dinitrotoluene
 Concen: 39.533 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

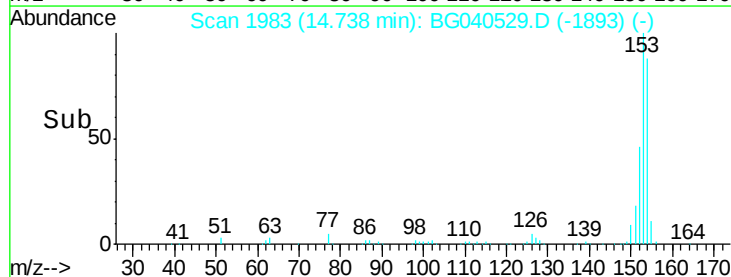
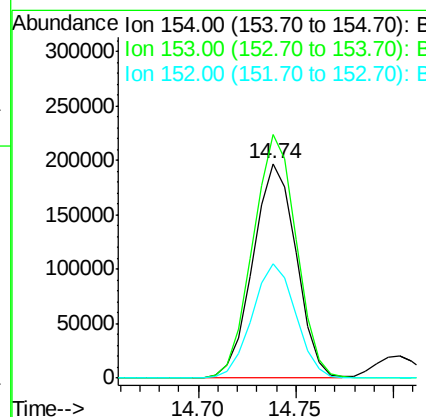
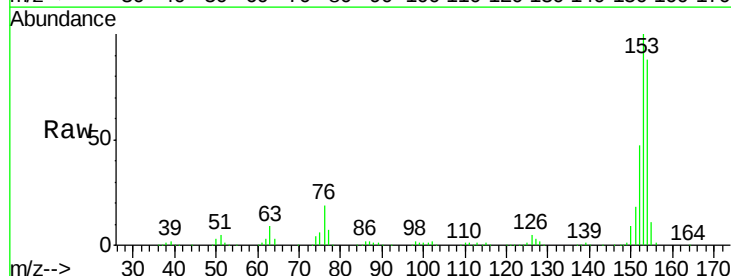
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 95475
 Ion Ratio Lower Upper
 165 100
 63 56.4 44.1 66.1
 89 58.0 44.9 67.3



#52
 Acenaphthene
 Concen: 37.460 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion:154 Resp: 303135
 Ion Ratio Lower Upper
 154 100
 153 113.4 92.8 139.2
 152 53.5 43.4 65.2





#53

3-Nitroaniline

Concen: 40.090 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

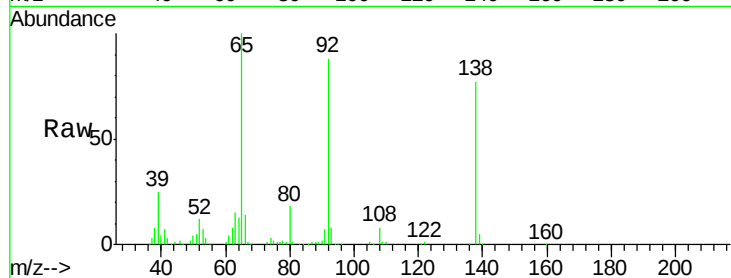
Tot Ion:138 Resp: 102487

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

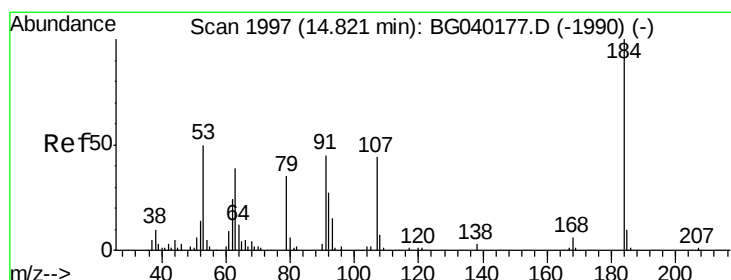
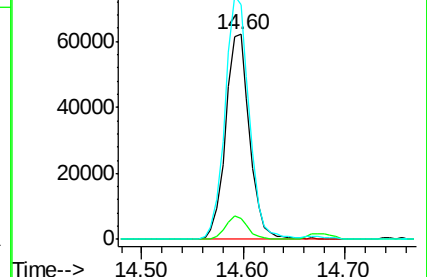
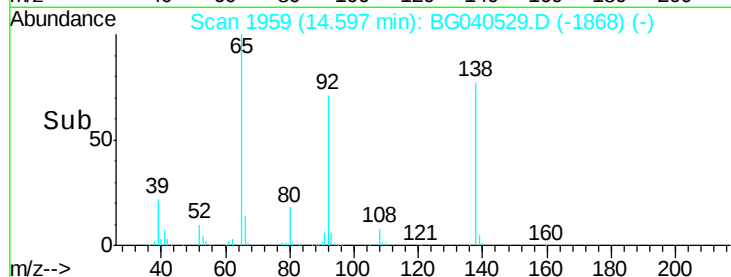
92 114.8 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 48.346 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

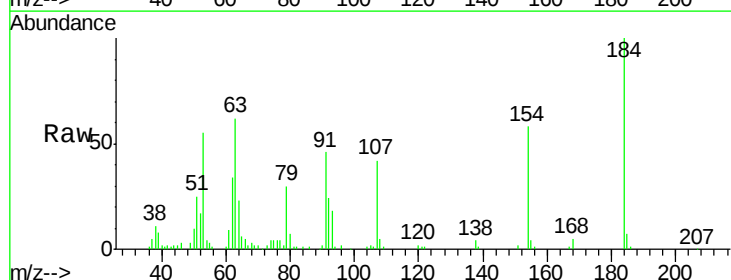
Tgt Ion:184 Resp: 62095

Ion Ratio Lower Upper

184 100

63 62.3 51.8 77.8

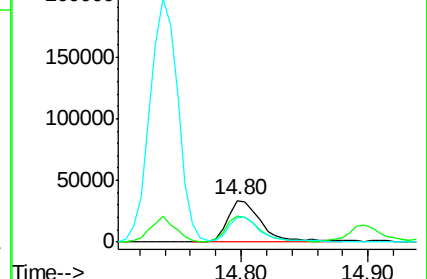
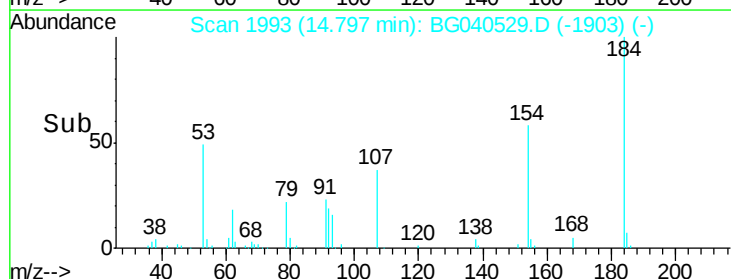
154 57.5 50.9 76.3

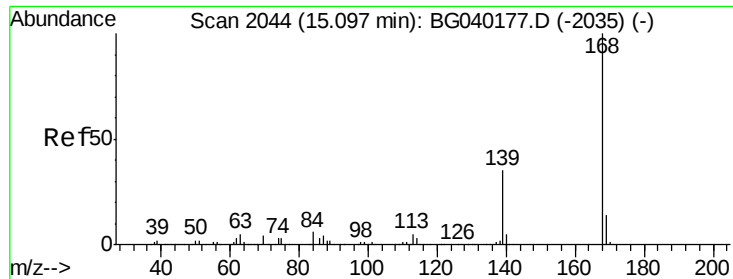


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

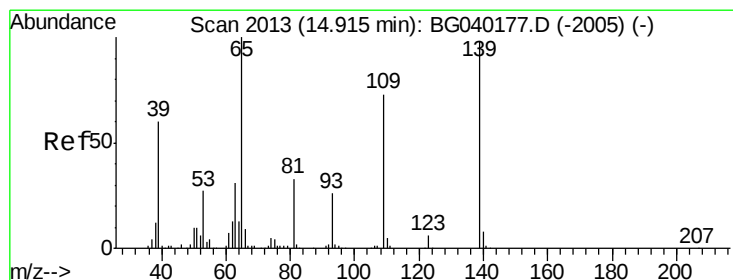
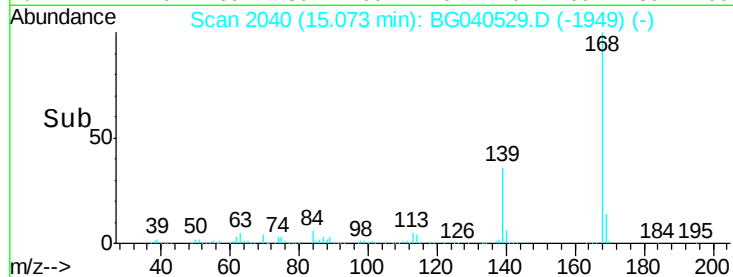
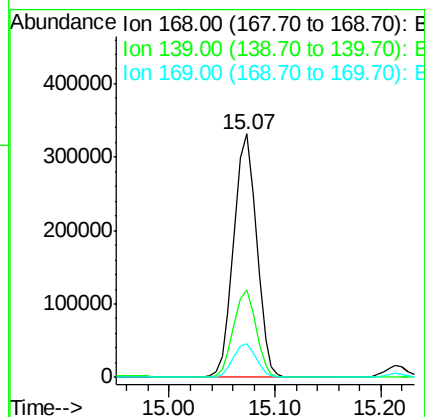
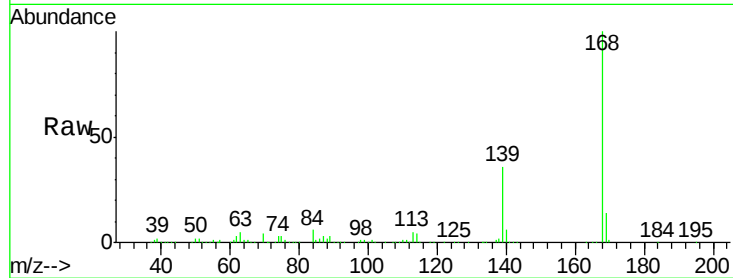




#55
Dibenzenofuran
Concen: 38.247 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

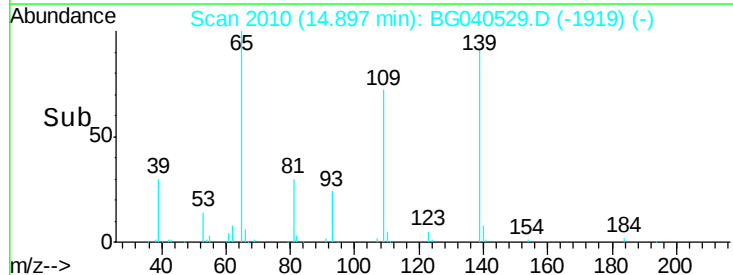
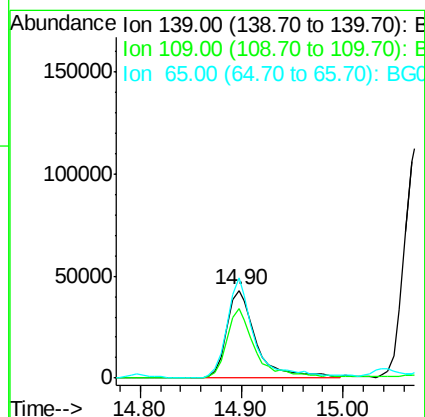
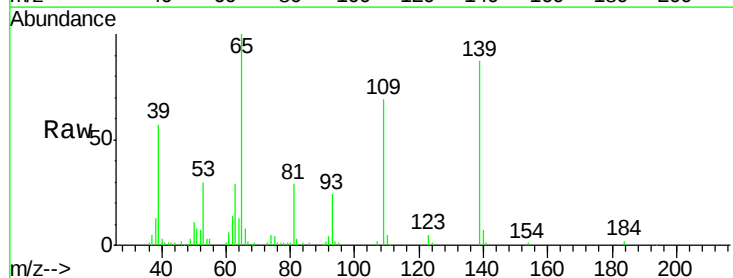
Instrument :
BNA_G
ClientSampleId :

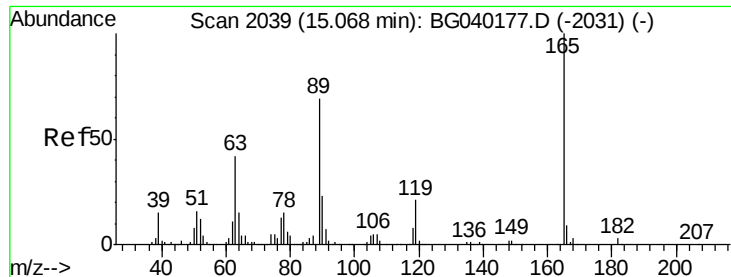
Tot Ion:168 Resp: 497327
Ion Ratio Lower Upper
168 100
139 36.0 27.9 41.9
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 42.375 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion:139 Resp: 87429
Ion Ratio Lower Upper
139 100
109 78.9 54.3 94.3
65 114.4 82.5 122.5

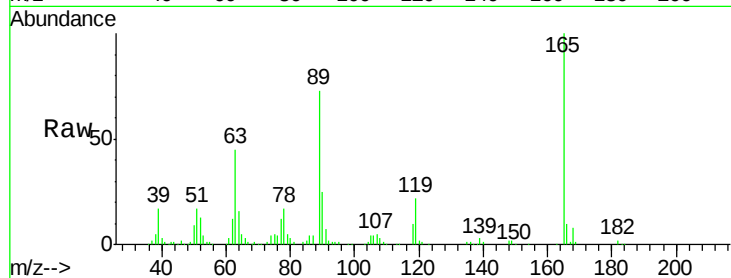




#57
2,4-Dinitrotoluene
Concen: 41.554 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	33.8	50.6
89	73.0	55.4	83.2
182	2.5	2.2	3.4

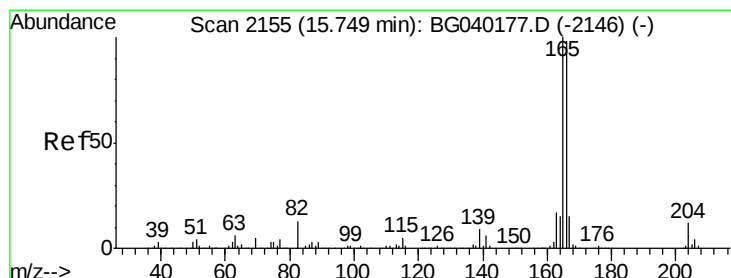
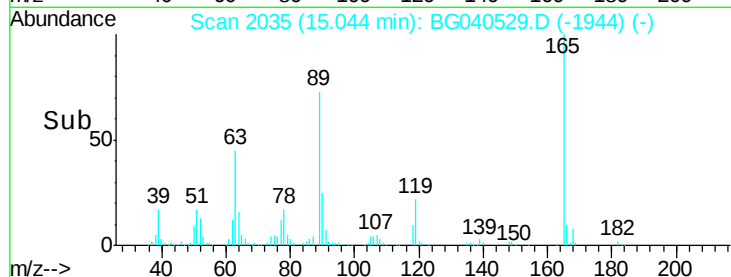
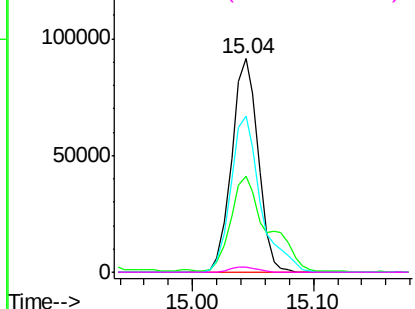


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

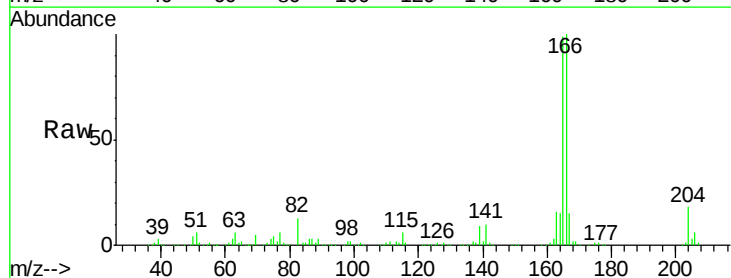
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.082 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

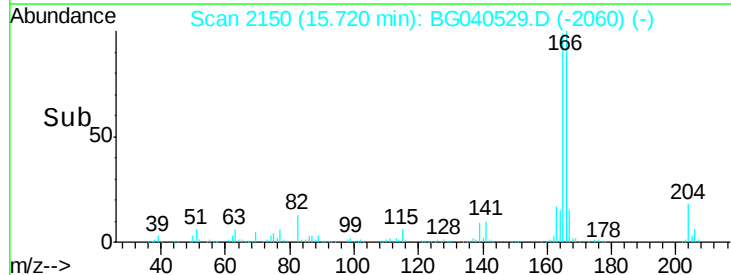
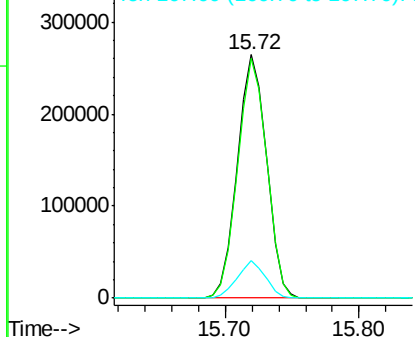
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	81.7	122.5
167	15.2	11.9	17.9

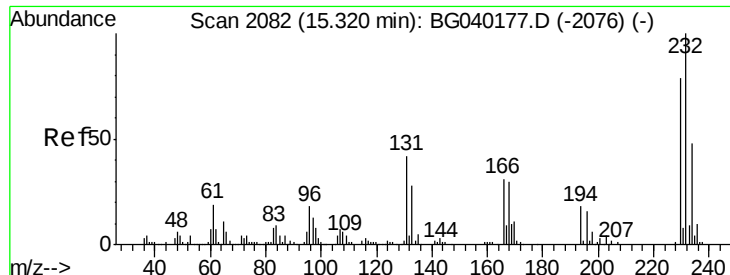


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

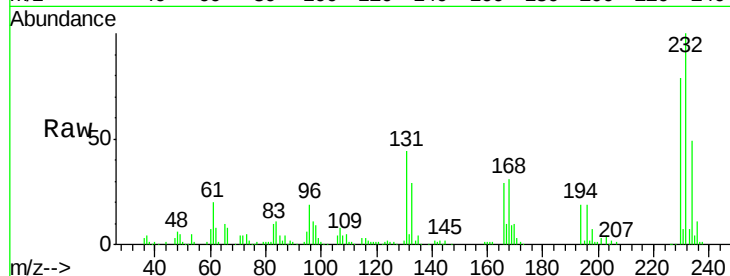




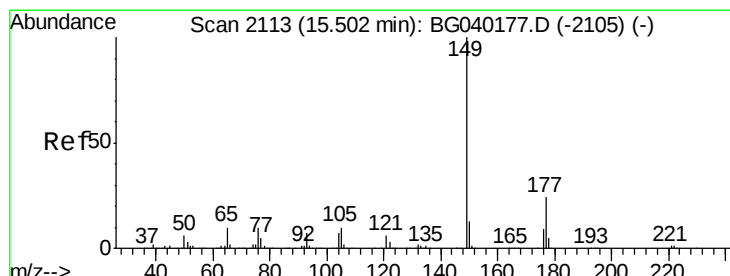
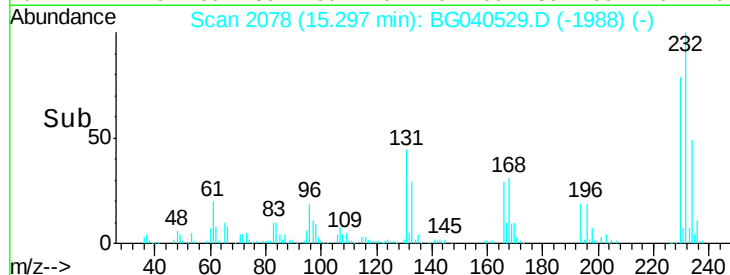
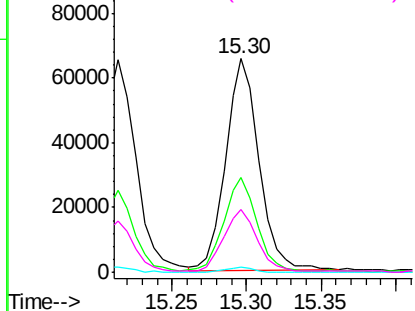
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.860 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	102672
Ion	Ratio	Lower	Upper
232	100		
131	45.1	32.9	49.3
130	2.0	1.8	2.8
166	29.1	23.5	35.3

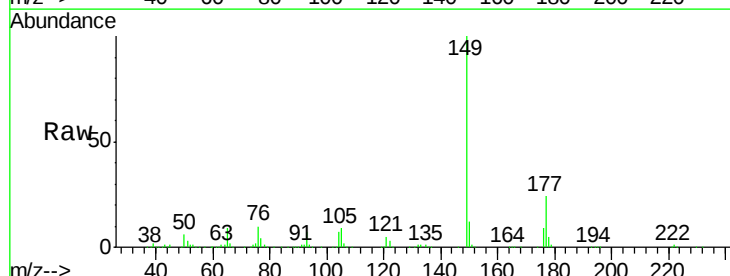


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

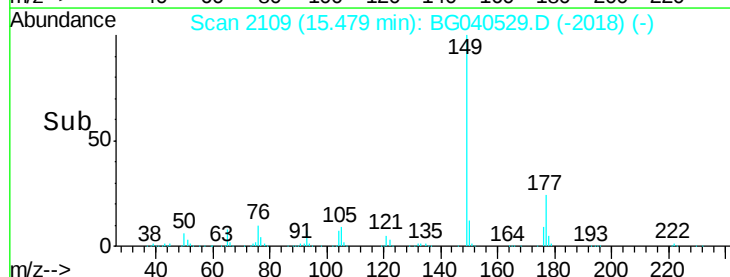
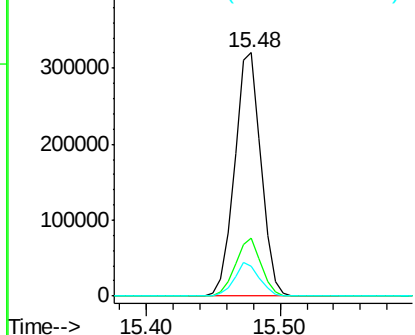


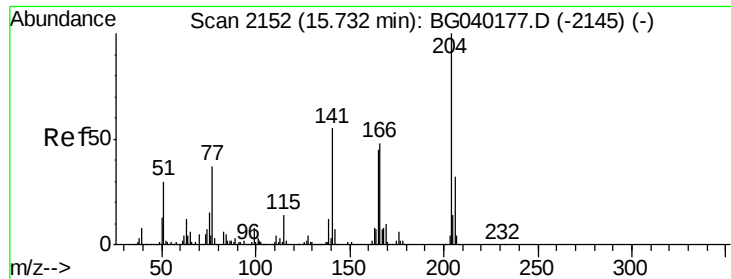
#60
 Diethylphthalate
 Concen: 39.769 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion:	149	Resp:	437710
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	12.2	10.6	15.8



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

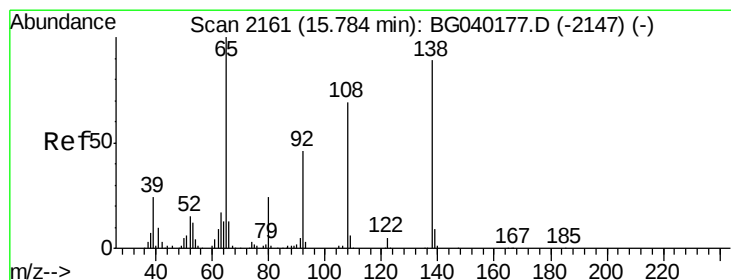
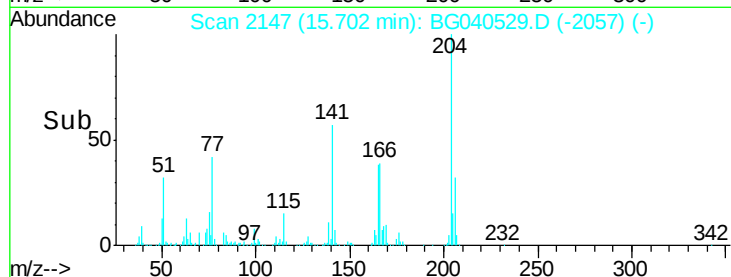
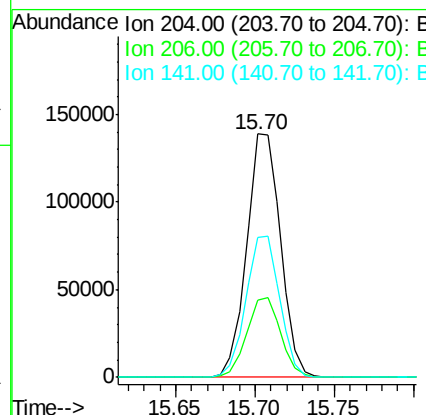
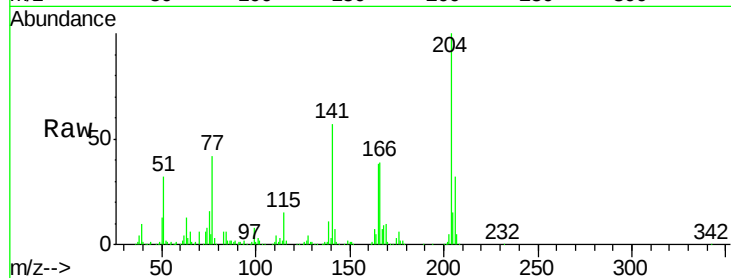




#61
4-Chlorophenyl-phenylether
Concen: 37.587 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

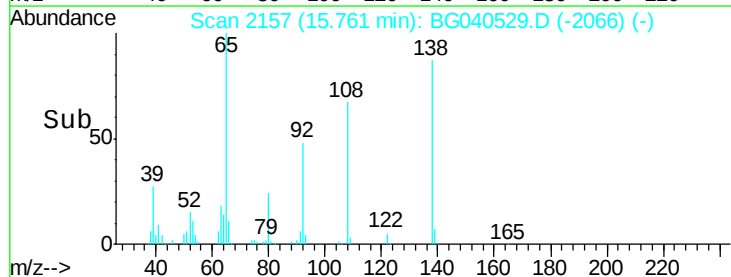
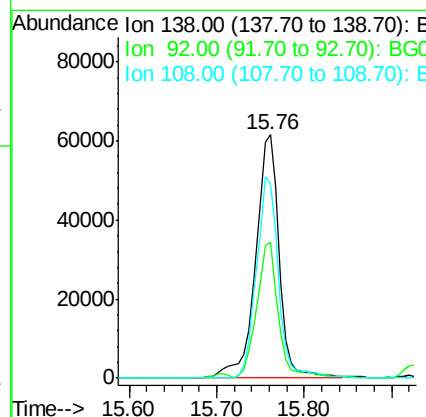
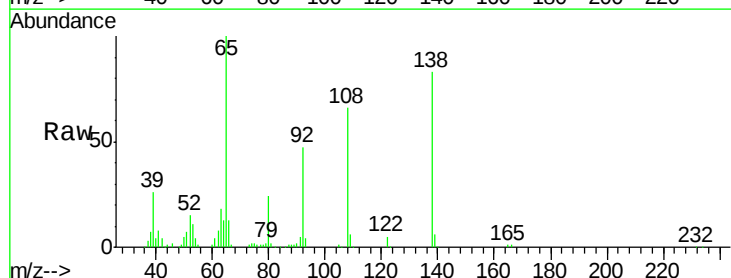
Instrument :
BNA_G
ClientSampleId :

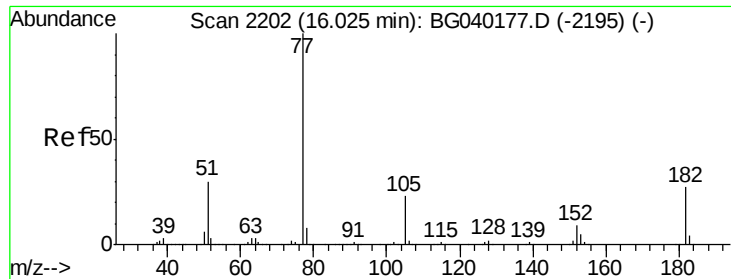
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	25.7	38.5
141	57.4	44.0	66.0



#62
4-Nitroaniline
Concen: 41.040 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	31.8	71.8
108	79.5	57.2	97.2

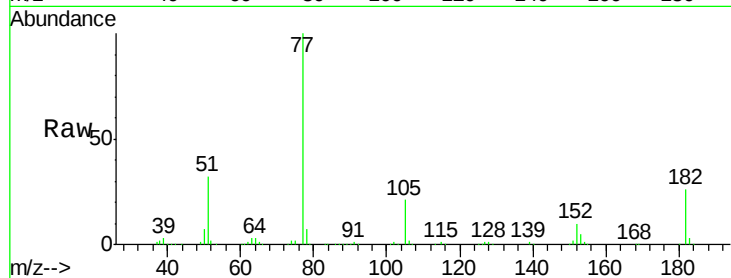




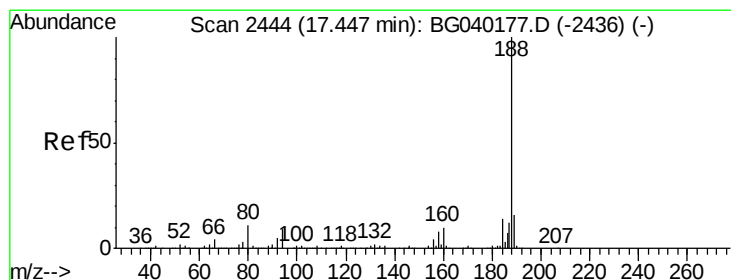
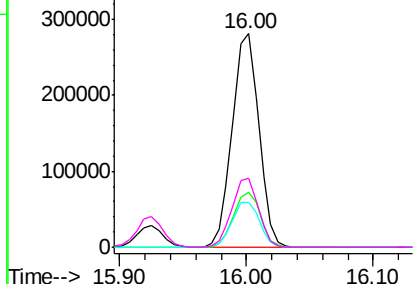
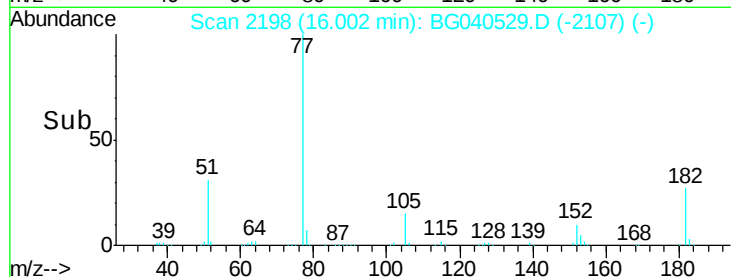
#63
Azobenzene
Concen: 39.315 ng
RT: 16.00 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.2	47.2
105	21.2	2.8	42.8
51	32.1	10.4	50.4

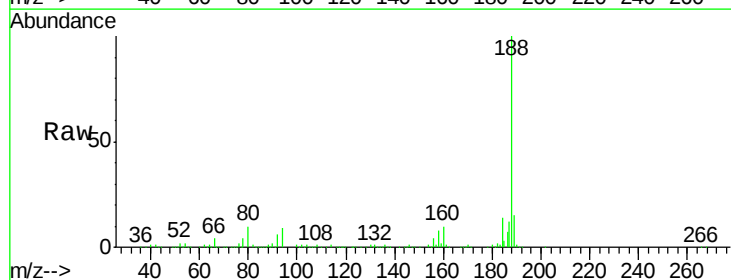


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

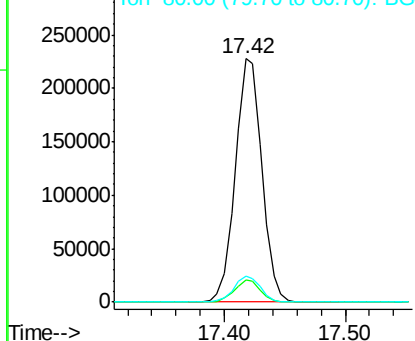
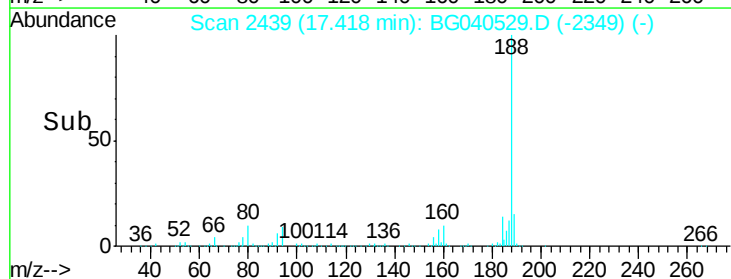


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.5	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: 38.822 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

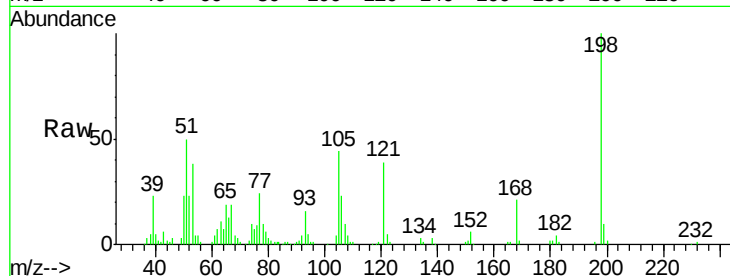
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 76156

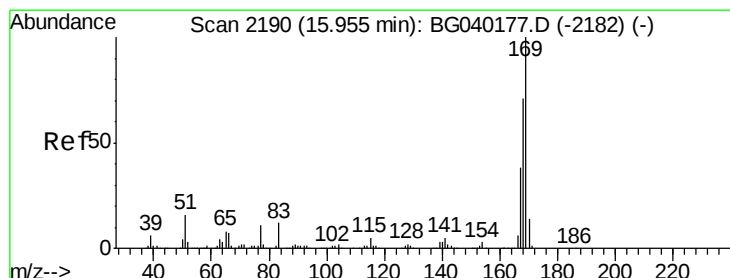
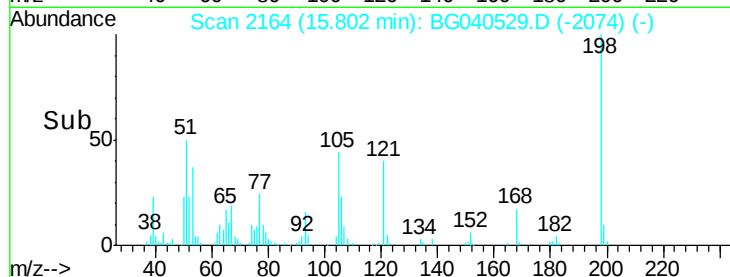
Ion	Ratio	Lower	Upper
198	100		
51	50.2	27.3	67.3
105	43.5	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.181 ng

RT: 15.93 min Scan# 2185

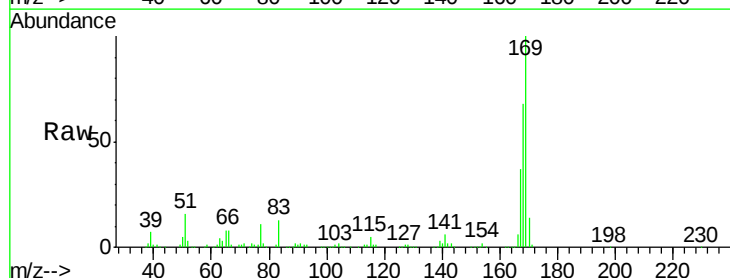
Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Tgt Ion:169 Resp: 369681

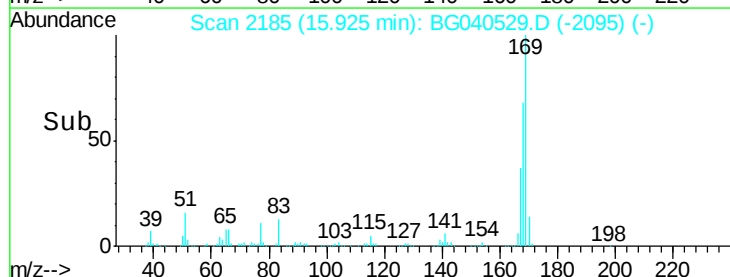
Ion	Ratio	Lower	Upper
169	100		
168	68.0	56.8	85.2
167	37.1	30.2	45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

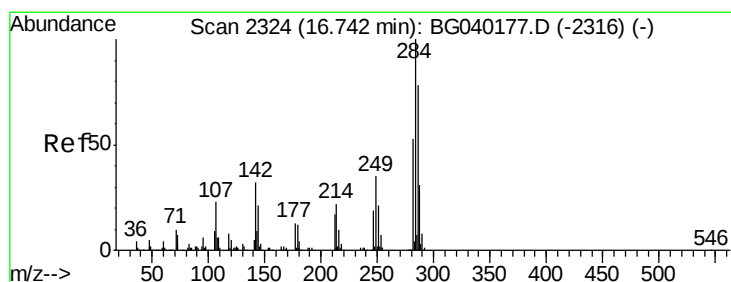
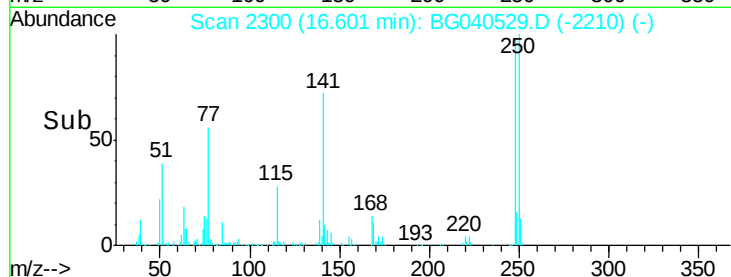
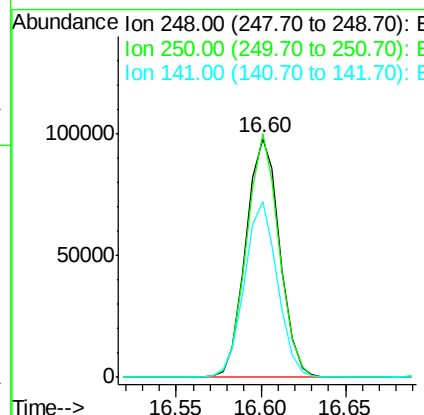
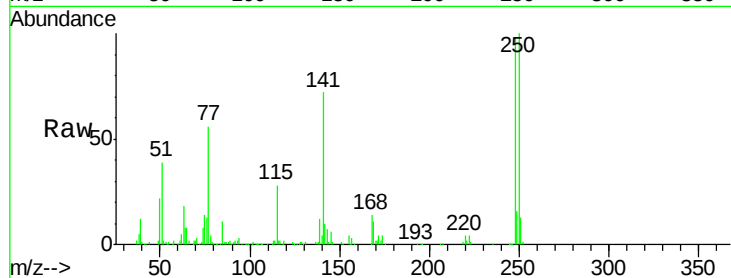




#67
4-Bromophenyl-phenylether
Concen: 34.807 ng
RT: 16.60 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

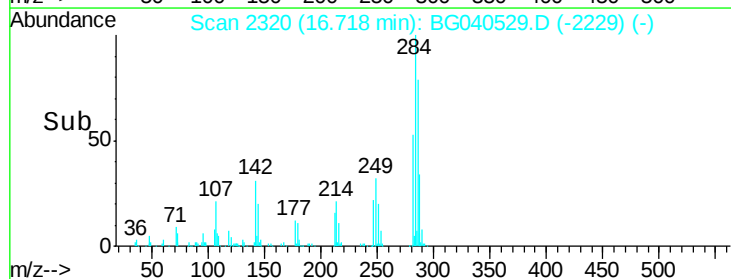
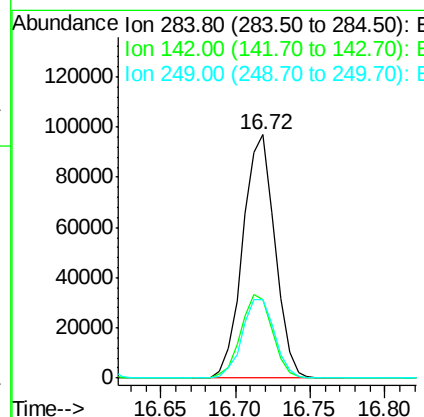
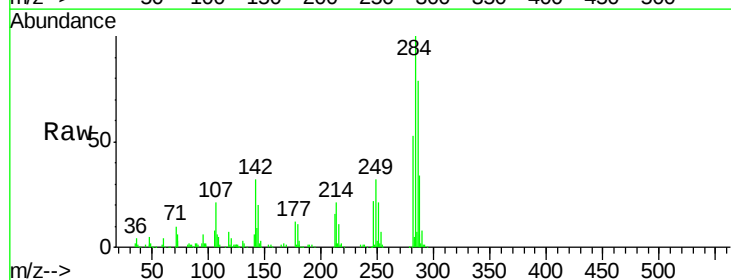
Instrument :
BNA_G
ClientSampleId :

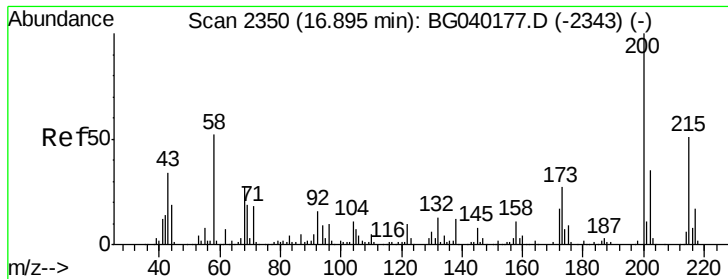
Tot Ion:248 Resp: 136767
Ion Ratio Lower Upper
248 100
250 101.9 76.4 114.6
141 73.4 53.8 80.8



#68
Hexachlorobenzene
Concen: 36.453 ng
RT: 16.72 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion:284 Resp: 144018
Ion Ratio Lower Upper
284 100
142 32.3 25.3 37.9
249 32.4 28.2 42.2





#69

Atrazine

Concen: 34.776 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

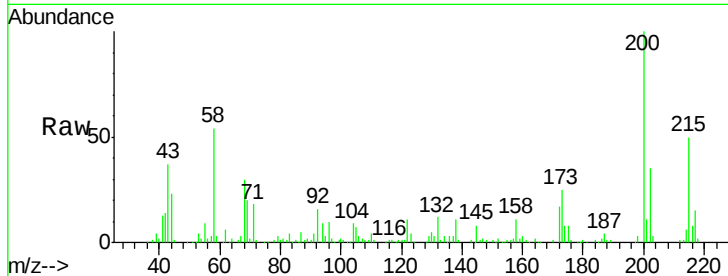
Tot Ion:200 Resp: 132177

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

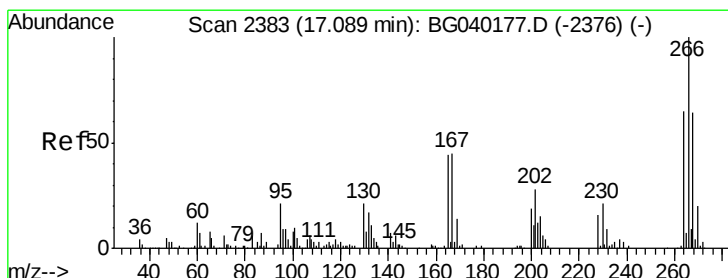
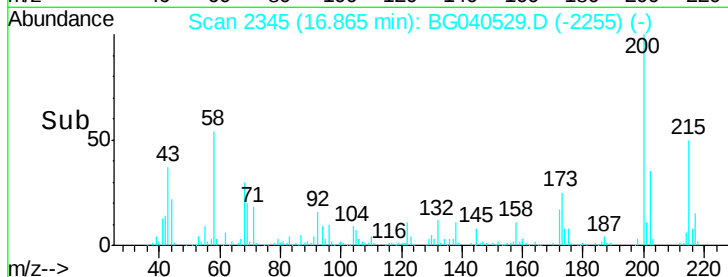
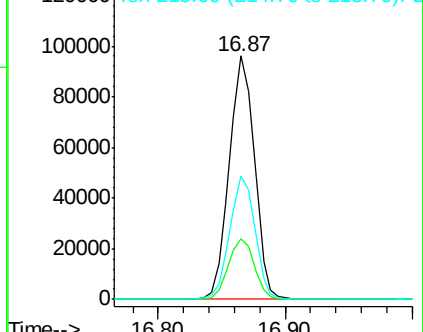
215 50.4 30.9 70.9



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: 38.098 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

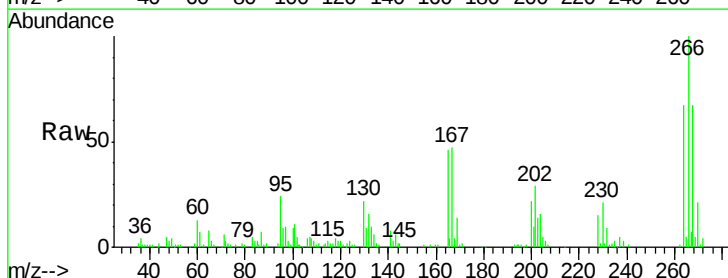
Tgt Ion:266 Resp: 87020

Ion Ratio Lower Upper

266 100

268 66.7 55.0 82.4

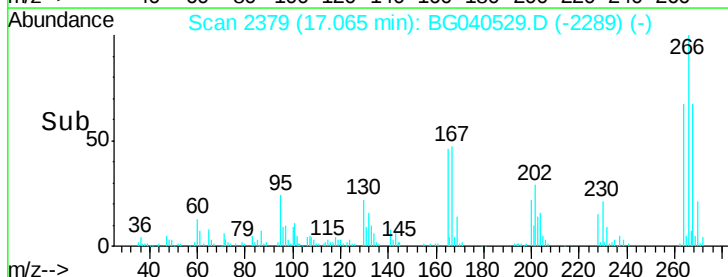
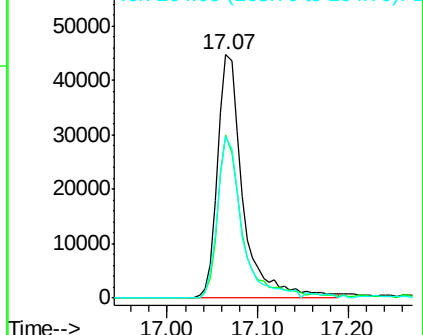
264 66.5 51.8 77.8

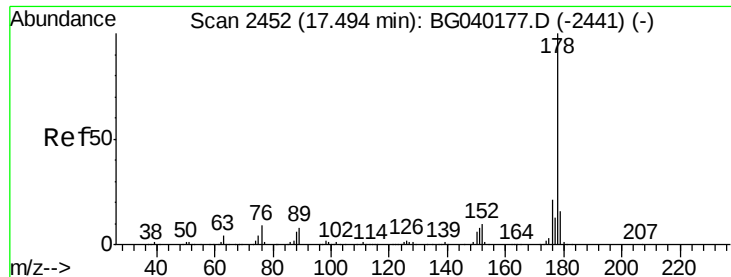


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.378 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

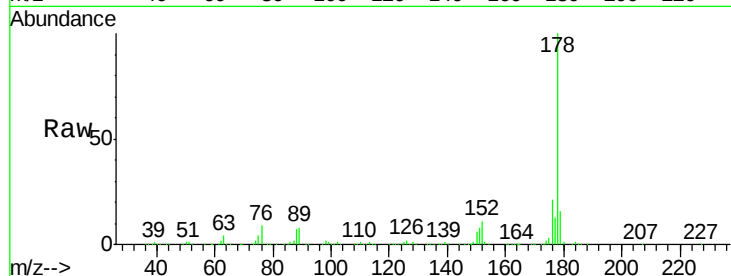
Tot Ion:178 Resp: 685988

Ion Ratio Lower Upper

178 100

176 20.8 16.7 25.1

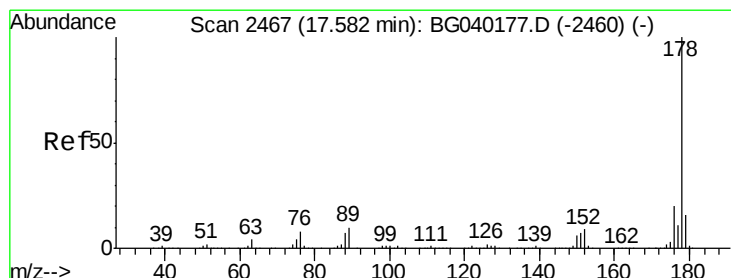
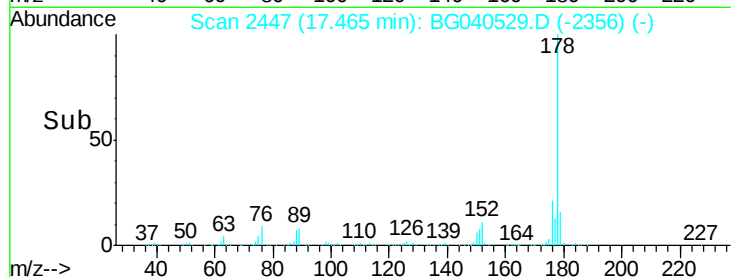
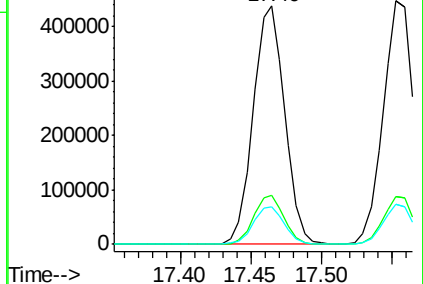
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.969 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

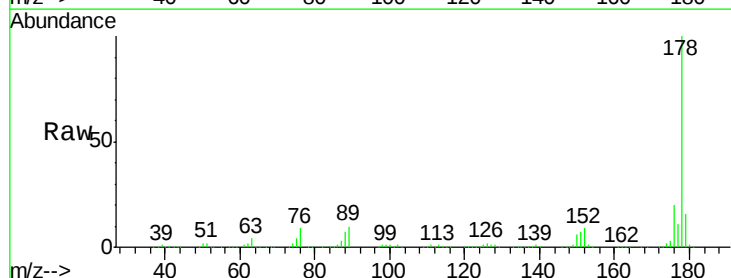
Tgt Ion:178 Resp: 679102

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

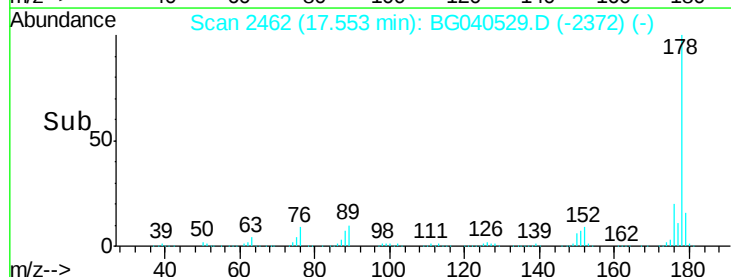
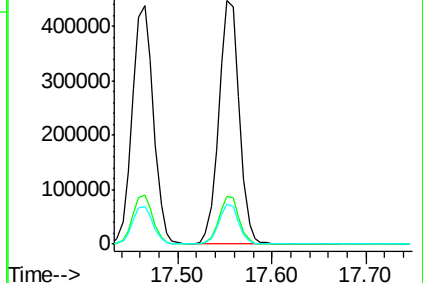
179 16.3 12.9 19.3

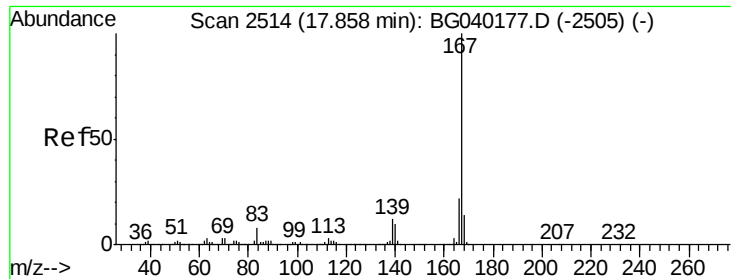


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.857 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

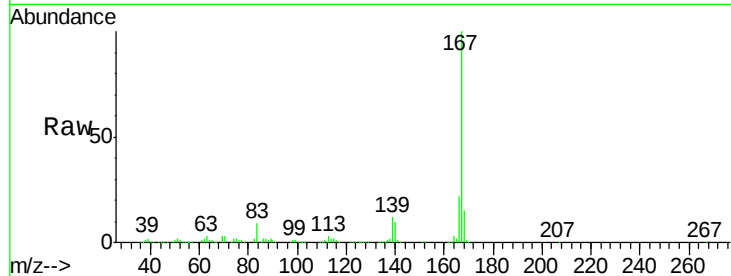
Tot Ion:167 Resp: 658140

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

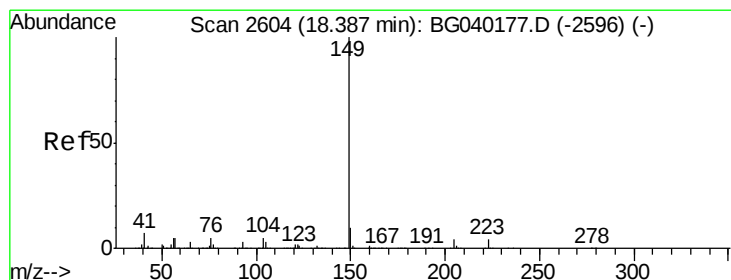
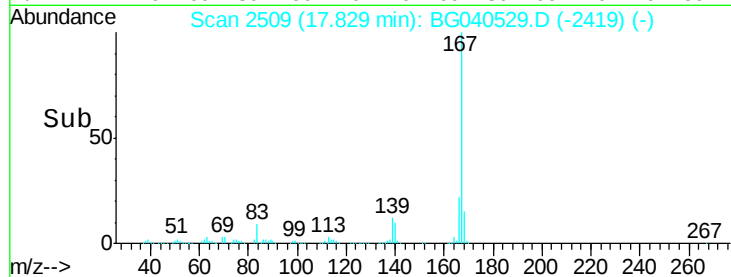
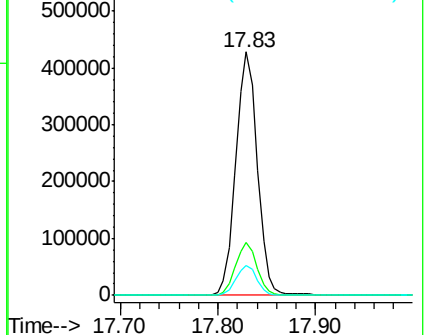
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.166 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

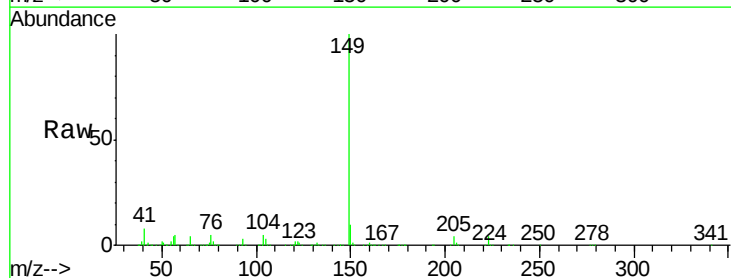
Tgt Ion:149 Resp: 765873

Ion Ratio Lower Upper

149 100

150 9.8 7.9 11.9

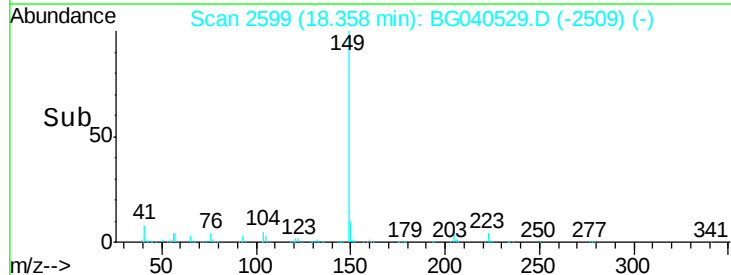
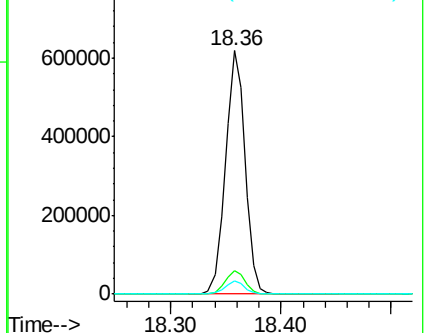
104 5.3 4.1 6.1

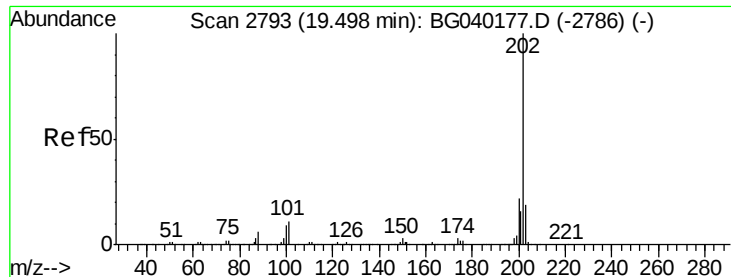


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.314 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

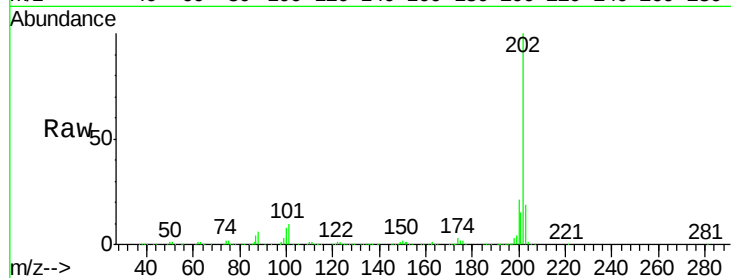
Tot Ion:202 Resp: 832637

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.8

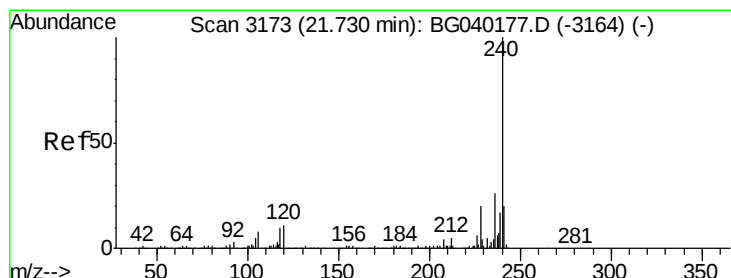
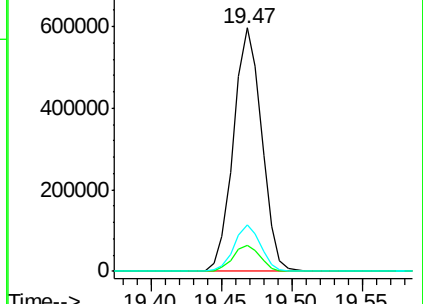
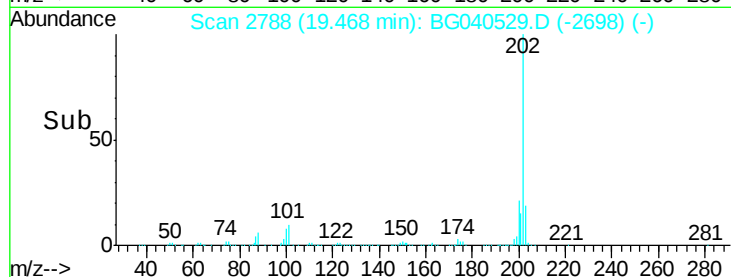
203 18.8 0.0 38.9



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# 3167

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

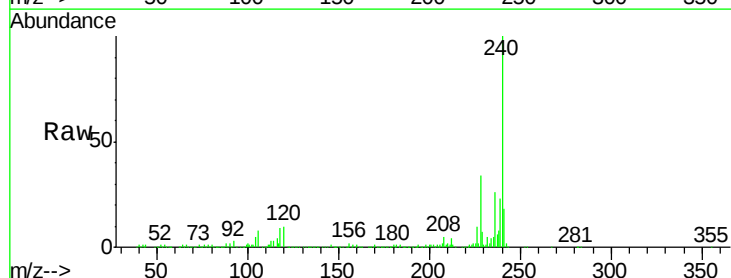
Tgt Ion:240 Resp: 310269

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

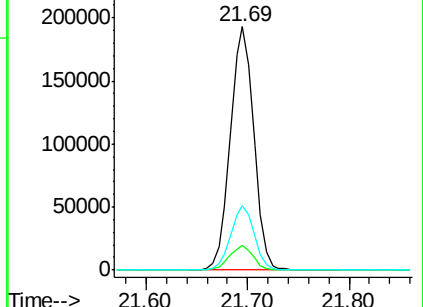
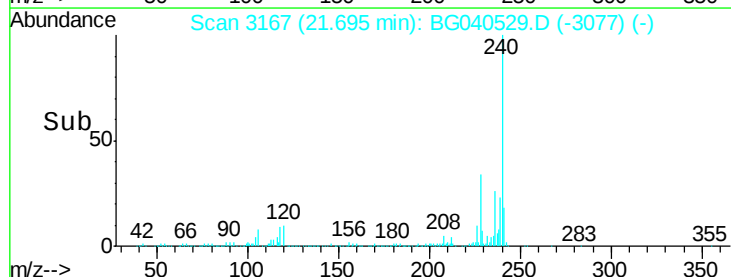
236 26.5 20.8 31.2

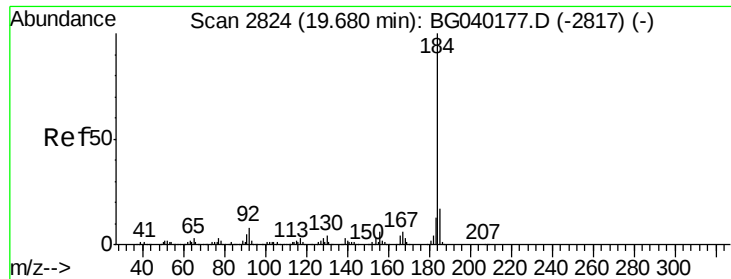


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.072 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

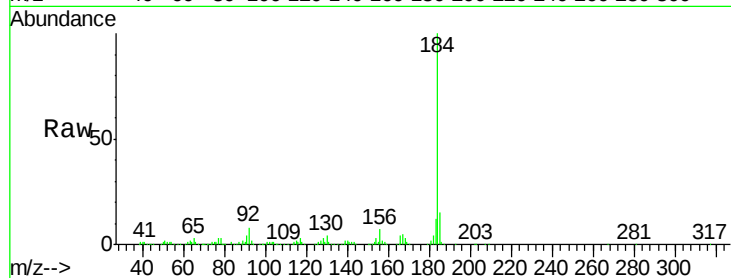
Tot Ion:184 Resp: 370540

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

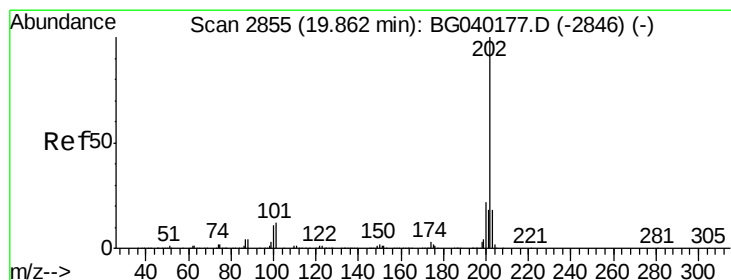
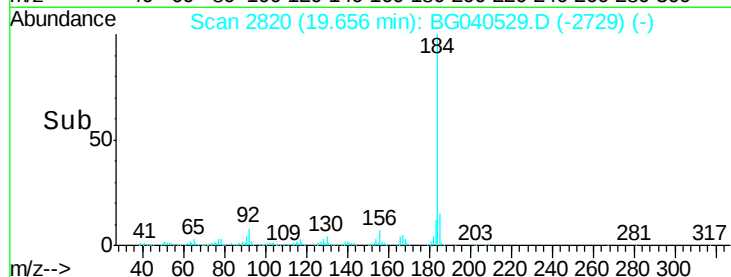
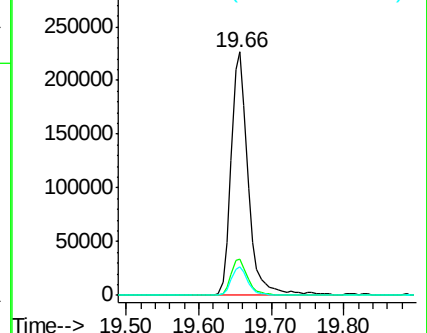
183 11.9 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.766 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

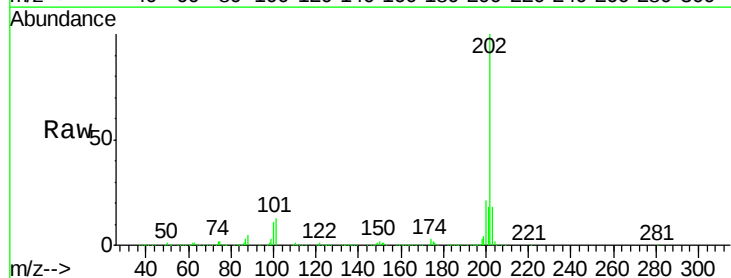
Tgt Ion:202 Resp: 831770

Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

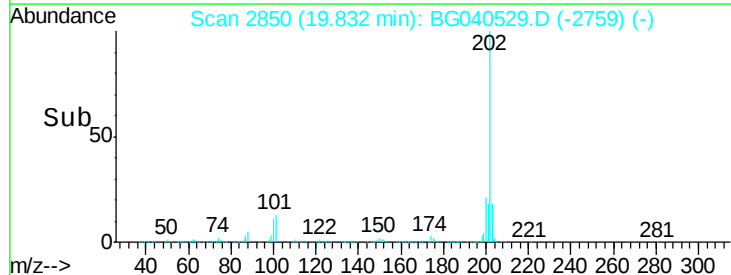
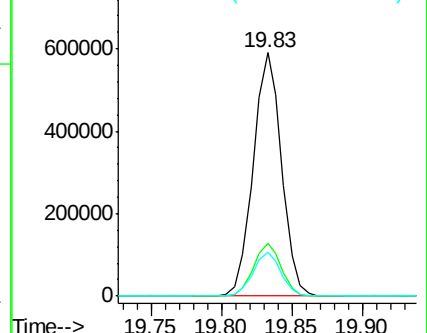
203 18.3 14.6 22.0

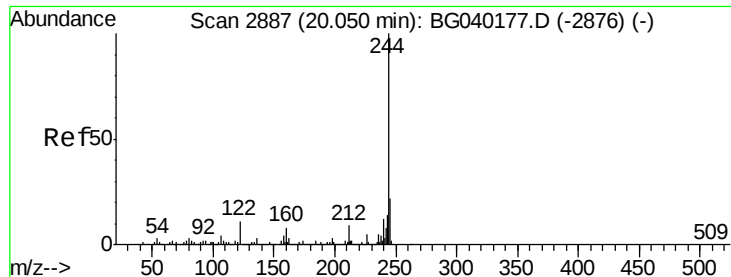


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.017 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampled :

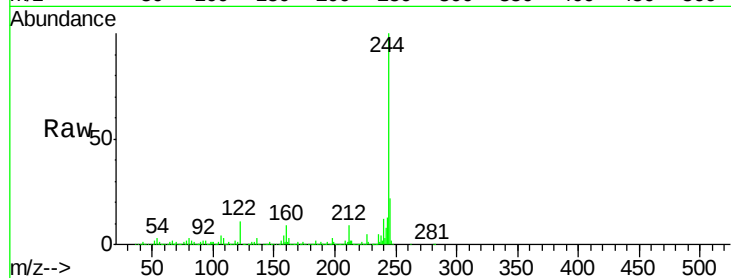
Tot Ion:244 Resp: 1103577

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

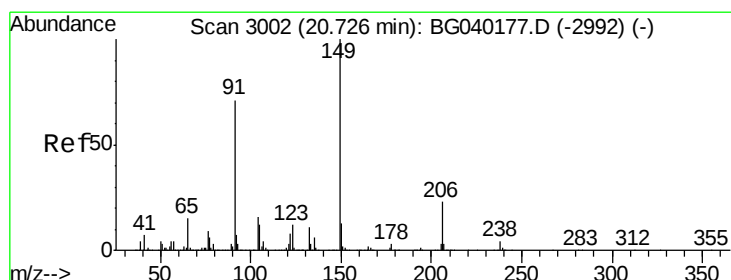
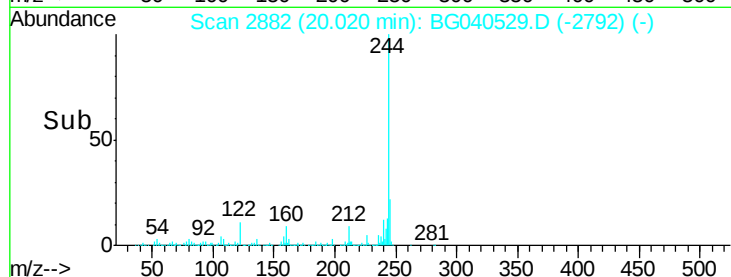
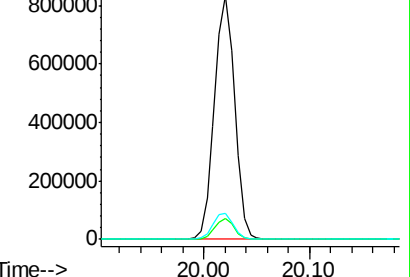
122 10.9 8.5 12.7



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: 41.104 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

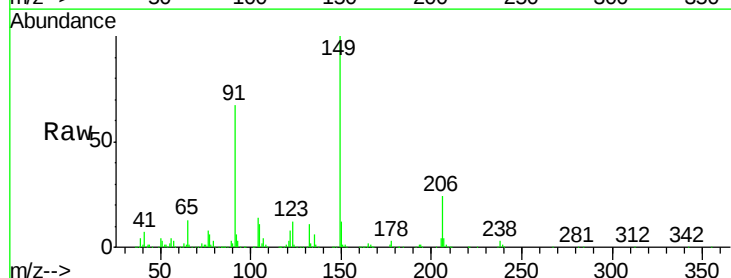
Tgt Ion:149 Resp: 358875

Ion Ratio Lower Upper

149 100

91 67.4 57.0 85.4

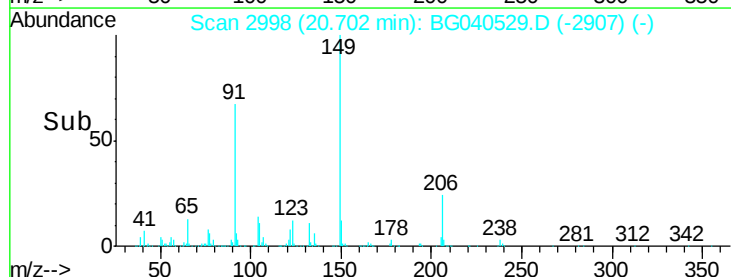
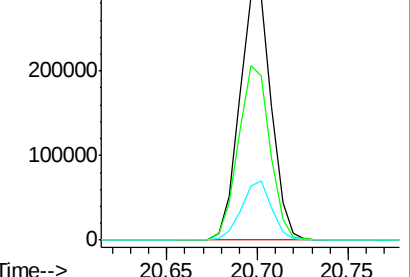
206 24.3 18.2 27.4

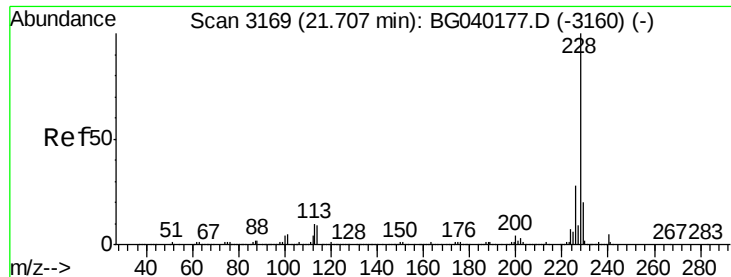


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.103 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

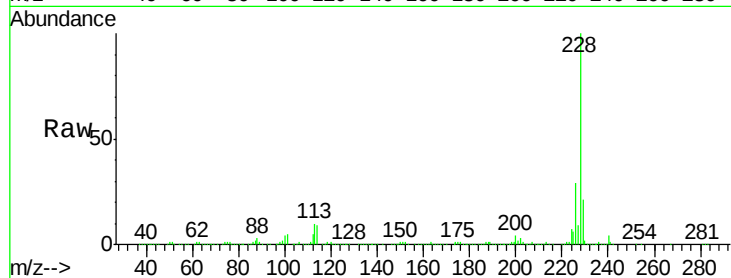
Tot Ion:228 Resp: 785514

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

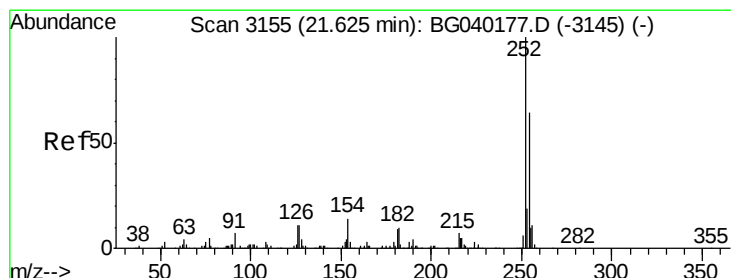
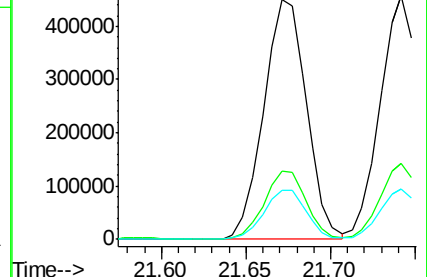
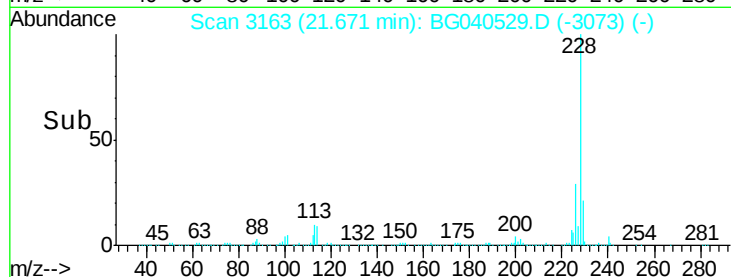
229 20.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.885 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

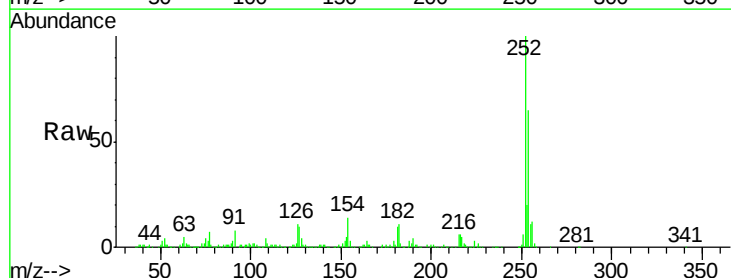
Tgt Ion:252 Resp: 297229

Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

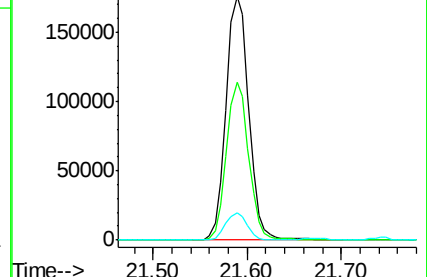
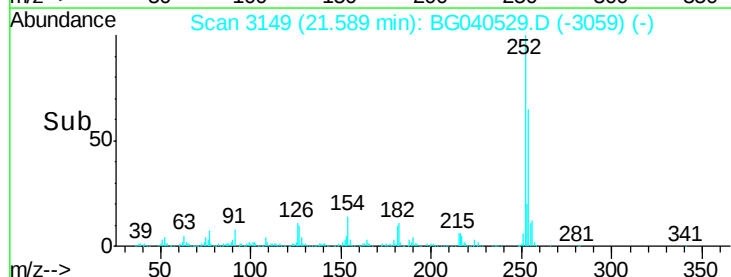
126 11.1 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

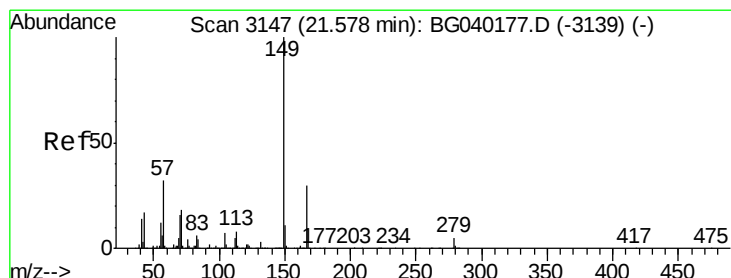
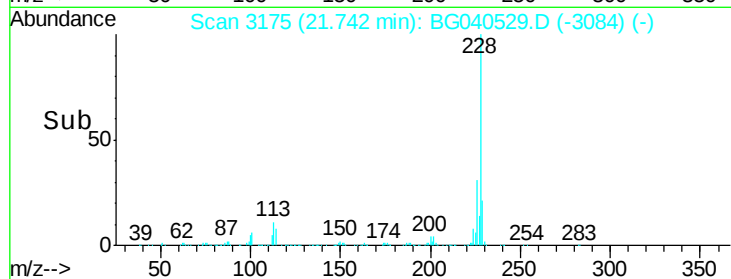
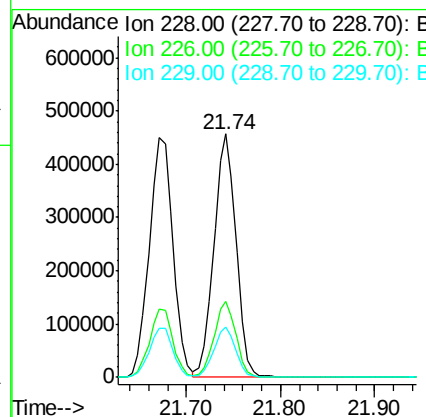
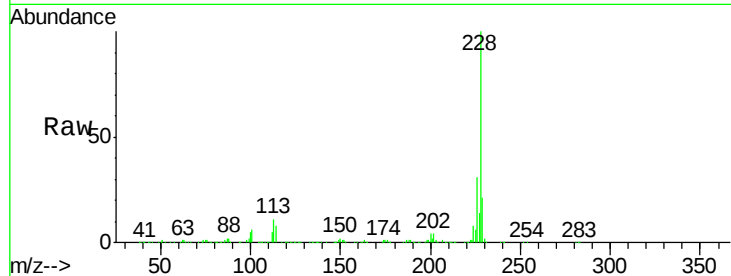




#83
 Chrysene
 Concen: 40.988 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

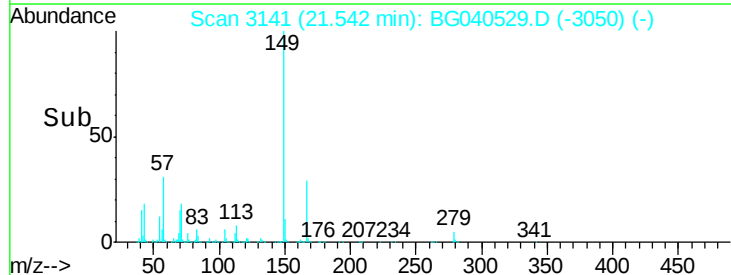
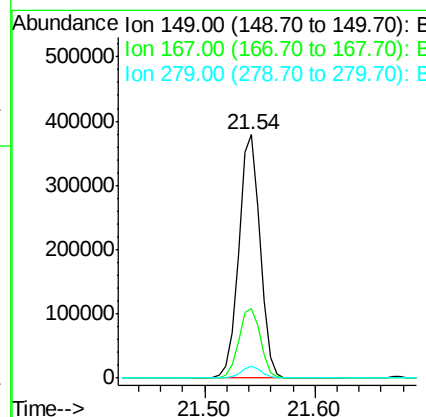
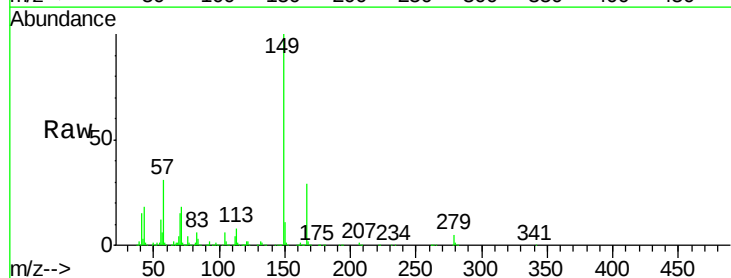
Instrument :
 BNA_G
 ClientSampleId :

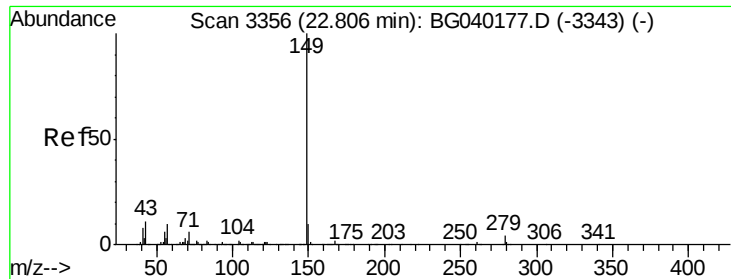
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.9	17.0	25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.899 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. 0.00 min
 Lab File: BG040529.D
 Acq: 17 Apr 2019 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	4.9	4.1	6.1

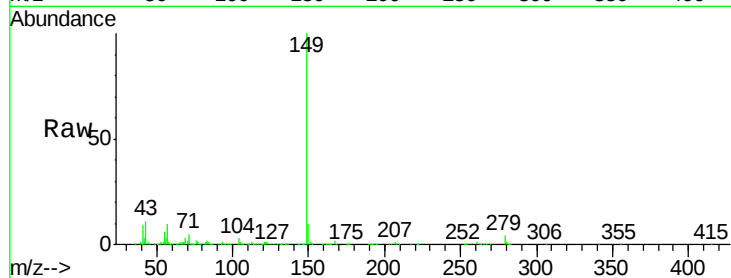




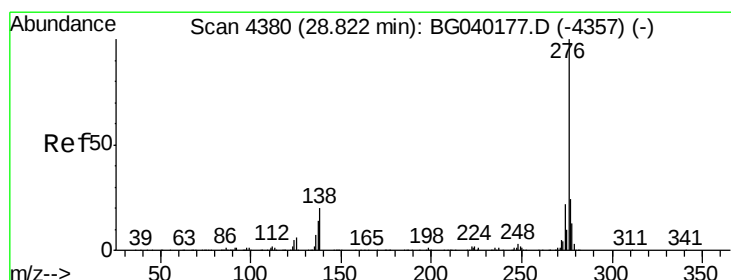
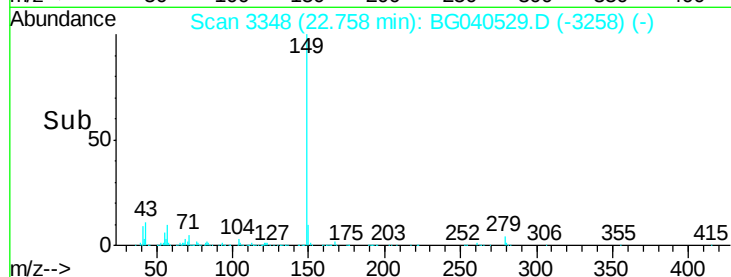
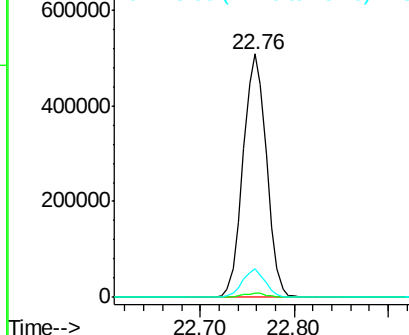
#85
Di-n-octyl phthalate
Concen: 41.062 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.00 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 873138
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.1 8.7 13.1

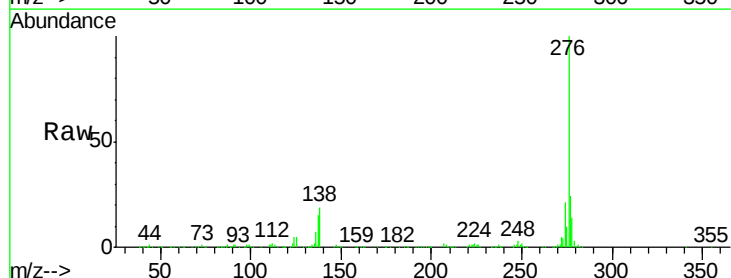


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

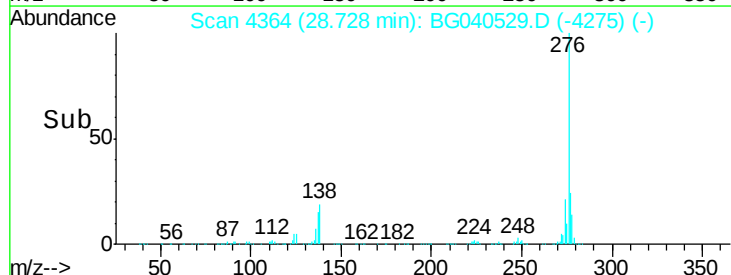
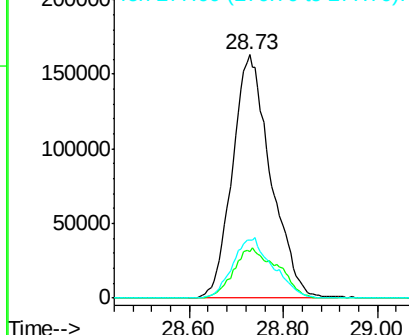


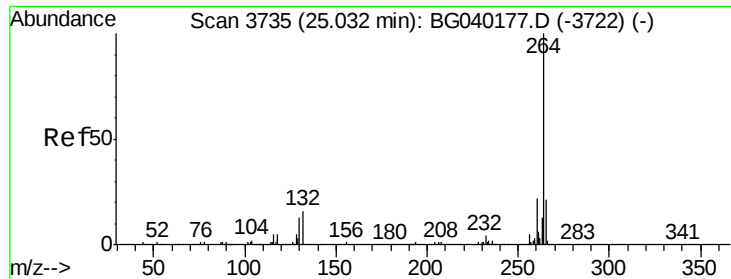
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.029 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG040529.D
Acq: 17 Apr 2019 14:27

Tgt Ion:276 Resp: 921660
Ion Ratio Lower Upper
276 100
138 23.8 18.8 28.2
277 25.8 21.0 31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

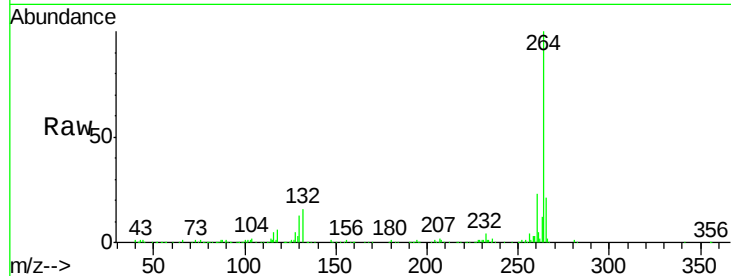
Tot Ion:264 Resp: 351579

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

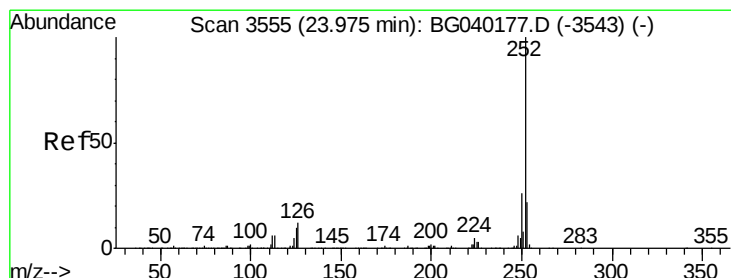
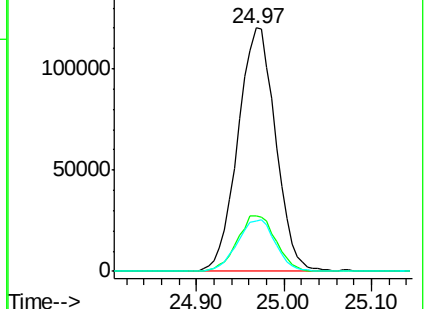
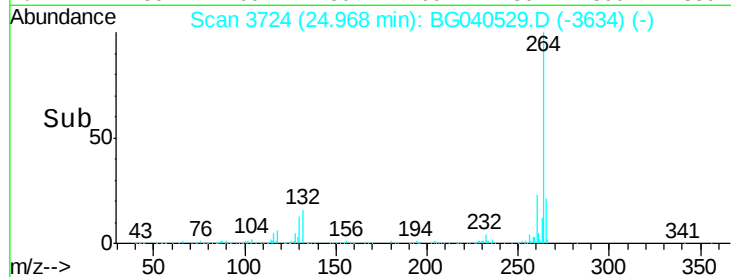
265 20.7 16.8 25.2



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: 38.249 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

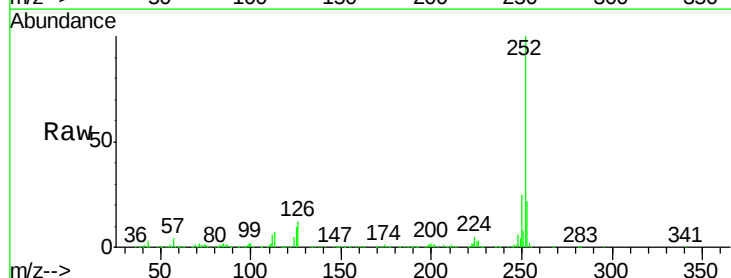
Tgt Ion:252 Resp: 823305

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

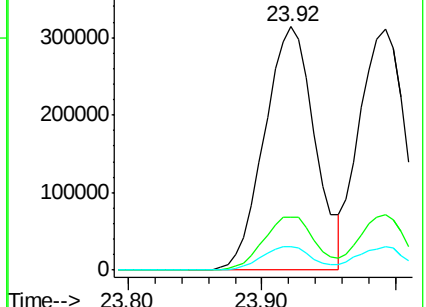
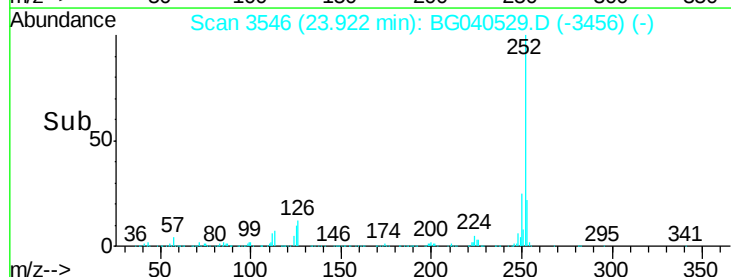
125 9.6 8.2 12.4

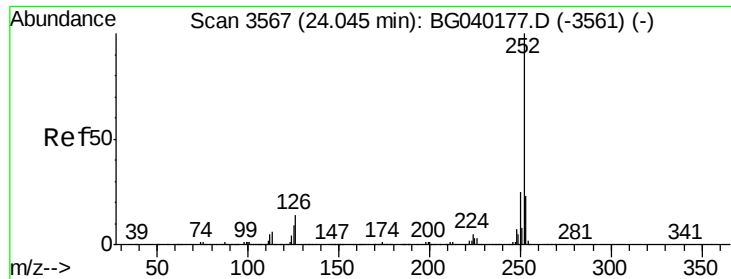


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 37.551 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

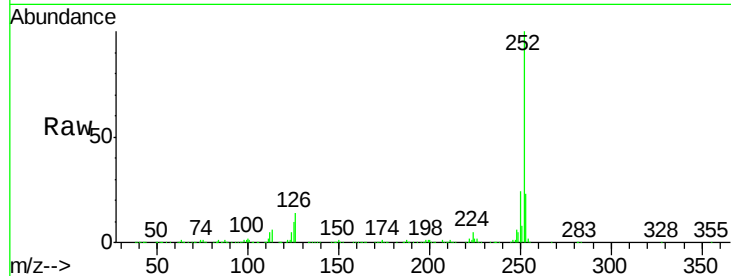
Tot Ion:252 Resp: 743303

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

125 9.9 7.3 10.9

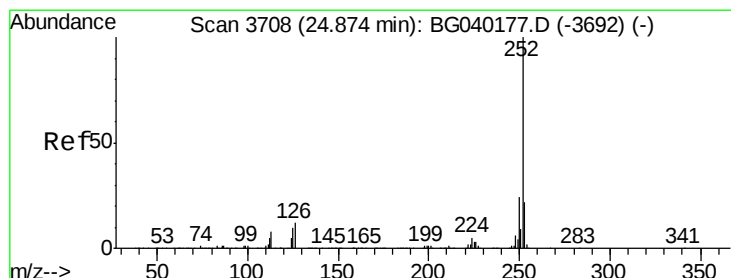
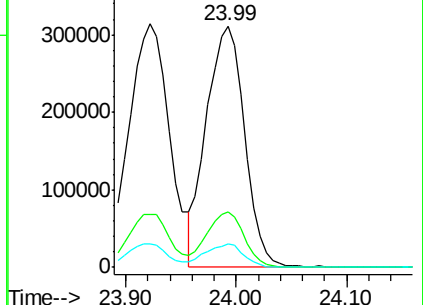
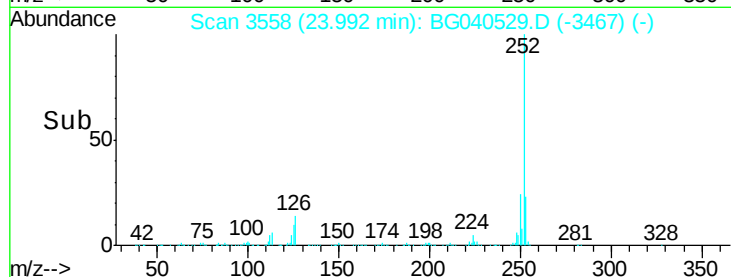


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Benzo(a)pyrene

Concen: 38.341 ng

RT: 24.81 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

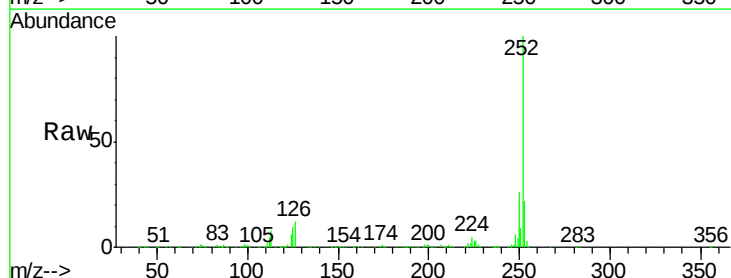
Tgt Ion:252 Resp: 774334

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 10.2 8.3 12.5

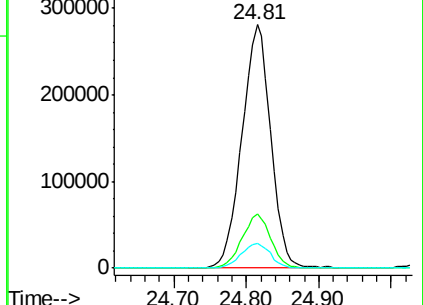
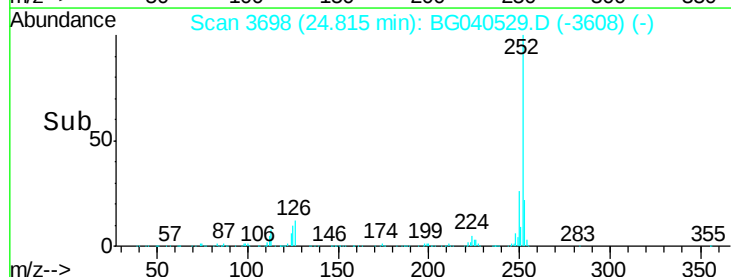


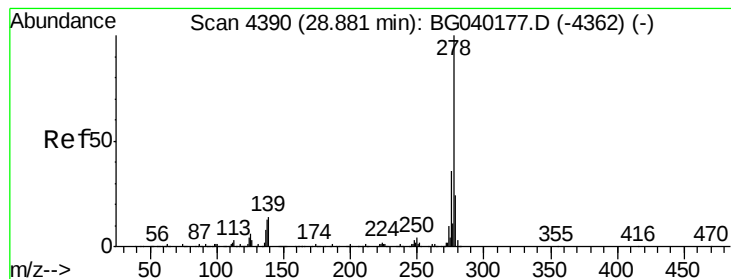
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 39.184 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

Instrument :

BNA_G

ClientSampleId :

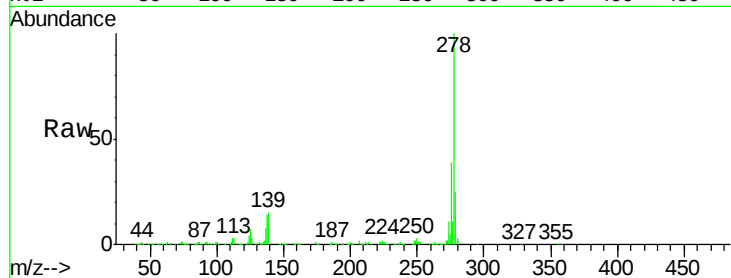
Tot Ion:278 Resp: 734977

Ion Ratio Lower Upper

278 100

139 15.2 11.2 16.8

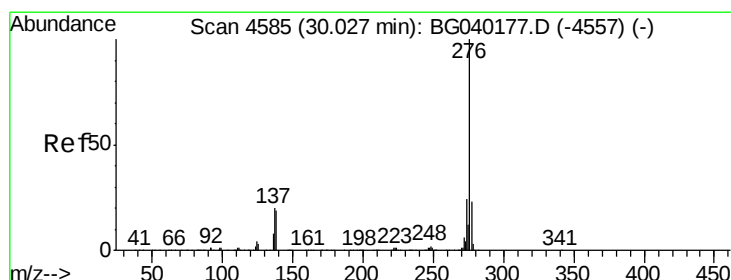
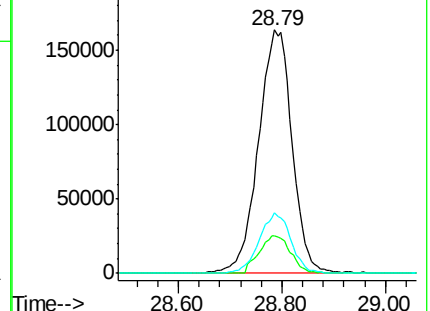
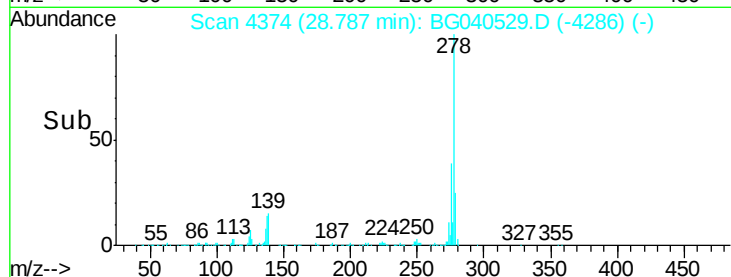
279 24.8 18.9 28.3



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: 38.972 ng

RT: 29.90 min Scan# 4564

Delta R.T. -0.00 min

Lab File: BG040529.D

Acq: 17 Apr 2019 14:27

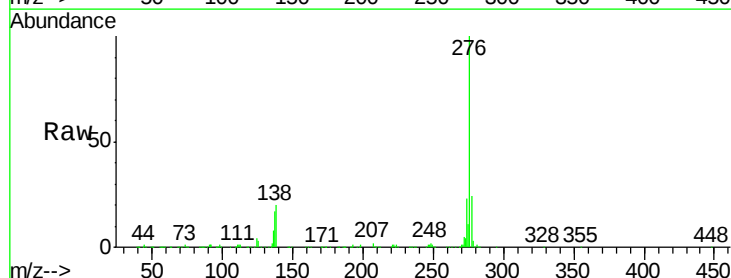
Tgt Ion:276 Resp: 751262

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 20.2 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

