

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041719\
 Data File : BG040547.D
 Acq On : 18 Apr 2019 2:34
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 18 03:18:34 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	49147	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	206984	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	130231	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	337681	20.00	ng	0.00
76) Chrysene-d12	21.69	240	327057	20.00	ng	0.00
87) Perylene-d12	24.96	264	369503	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	230147	77.85	ng	0.00
7) Phenol-d6	7.20	99	307825	75.34	ng	0.00
23) Nitrobenzene-d5	9.22	82	303464	77.93	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	114939	81.66	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	667147	75.91	ng	0.00
79) Terphenyl-d14	20.02	244	1126329	77.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	58831	42.321	ng	97
3) Pyridine	3.90	79	150824	40.297	ng	94
4) n-Nitrosodimethylamine	3.82	42	70514	40.728	ng	# 94
6) Aniline	7.37	93	197745	37.252	ng	97
8) 2-Chlorophenol	7.60	128	128651	37.175	ng	97
9) Benzaldehyde	7.19	77	114175	40.739	ng	97
10) Phenol	7.23	94	167604	37.793	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	126313	35.562	ng	99
12) 1,3-Dichlorobenzene	7.93	146	140660	37.390	ng	99
13) 1,4-Dichlorobenzene	8.08	146	140847	37.590	ng	100
14) 1,2-Dichlorobenzene	8.40	146	133565	37.276	ng	98
15) Benzyl Alcohol	8.28	79	116545	35.419	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	258920	37.982	ng	99
17) 2-Methylphenol	8.48	107	109531	35.693	ng	97
18) Hexachloroethane	9.12	117	50955	35.752	ng	92
19) n-Nitroso-di-n-propylamine	8.84	70	106450	36.339	ng	98
20) 3+4-Methylphenols	8.81	107	151260	36.385	ng	95
22) Acetophenone	8.87	105	191736	37.135	ng	# 98
24) Nitrobenzene	9.26	77	154166	38.231	ng	95
25) Isophorone	9.77	82	303628	37.895	ng	98
26) 2-Nitrophenol	9.97	139	73004	38.207	ng	97
27) 2,4-Dimethylphenol	10.02	122	114578	37.751	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	175713	37.068	ng	99
29) 2,4-Dichlorophenol	10.51	162	122777	37.269	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	130985	36.210	ng	98
31) Naphthalene	10.90	128	404831	38.158	ng	98
32) Benzoic acid	10.23	122	4960	2.705	ng	82
33) 4-Chloroaniline	11.02	127	170893	37.762	ng	97
34) Hexachlorobutadiene	11.17	225	84056	36.334	ng	95
35) Caprolactam	11.81	113	52972	40.519	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	146497	38.681	ng	97
37) 2-Methylnaphthalene	12.50	142	298615	38.057	ng	98
38) 1-Methylnaphthalene	12.73	142	293070	38.517	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	149988	36.236	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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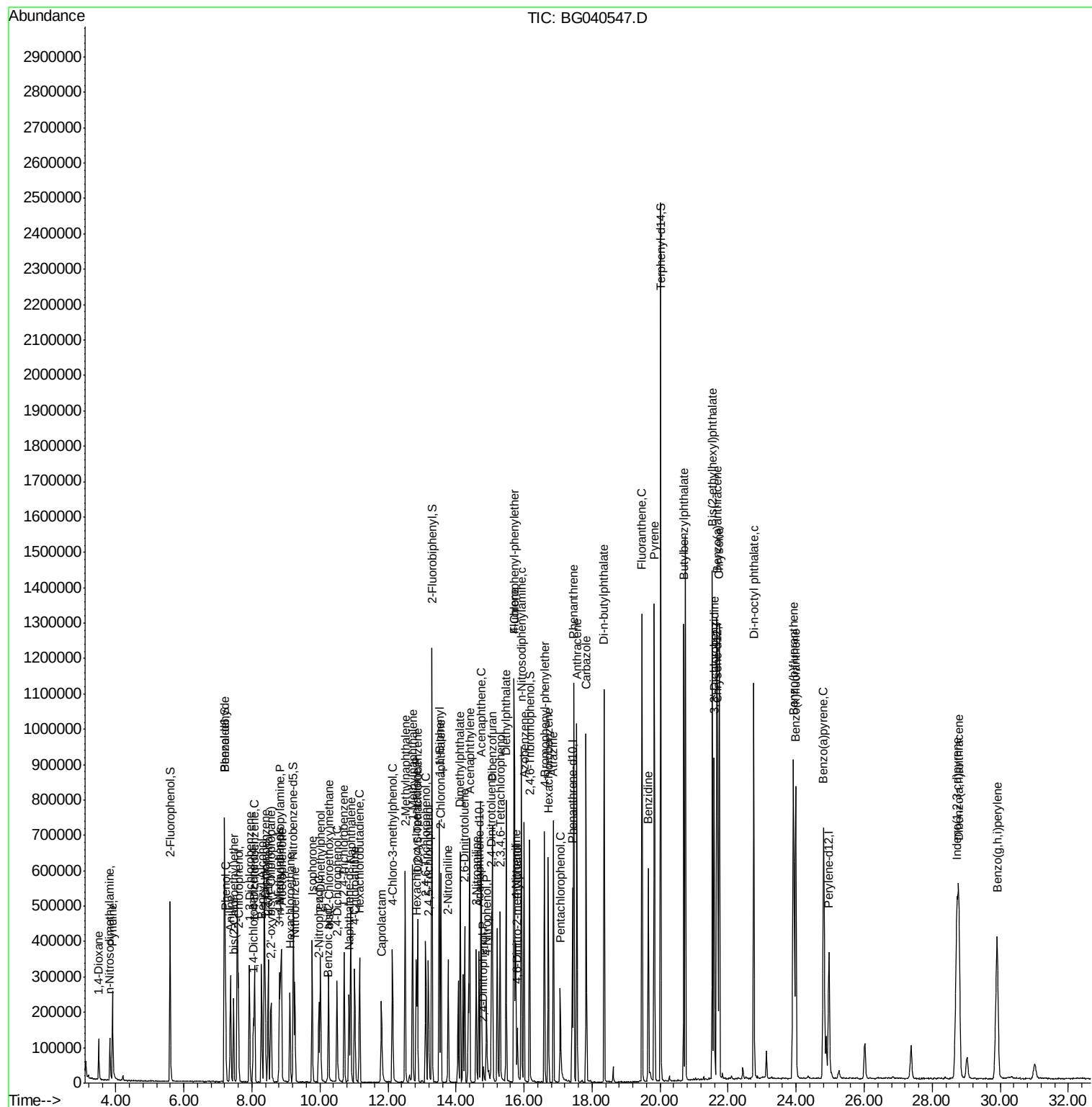
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	96523	42.470	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	95588	35.819	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	103195	35.477	nq	95
46) 1,1'-Biphenyl	13.51	154	387680	37.676	nq	100
47) 2-Chloronaphthalene	13.55	162	289683	36.701	nq	99
48) 2-Nitroaniline	13.77	65	107814	40.495	nq	92
49) Acenaphthylene	14.40	152	520057	38.861	nq	99
50) Dimethylphthalate	14.12	163	405741	39.808	nq	# 97
51) 2,6-Dinitrotoluene	14.26	165	93044	40.656	nq	97
52) Acenaphthene	14.74	154	294364	38.387	nq	97
53) 3-Nitroaniline	14.59	138	97850	40.392	nq	93
54) 2,4-Dinitrophenol	14.81	184	12866	10.571	nq	91
55) Dibenzofuran	15.07	168	481031	39.038	nq	98
56) 4-Nitrophenol	14.89	139	77650	39.715	nq	95
57) 2,4-Dinitrotoluene	15.04	165	134525	42.304	nq	90
58) Fluorene	15.72	166	386460	39.892	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	104330	39.525	nq	97
60) Diethylphthalate	15.48	149	431558	41.377	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	197158	38.073	nq	95
62) 4-Nitroaniline	15.76	138	114261	43.951	nq	94
63) Azobenzene	16.00	77	405223	41.190	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	38569	20.330	nq	93
66) n-Nitrosodiphenylamine	15.92	169	359541	36.385	nq	96
67) 4-Bromophenyl-phenylether	16.60	248	135024	35.532	nq	96
68) Hexachlorobenzene	16.72	284	137246	35.921	nq	98
69) Atrazine	16.86	200	132176	35.958	nq	98
70) Pentachlorophenol	17.07	266	67812	30.699	nq	96
71) Phenanthrene	17.46	178	677354	38.163	nq	98
72) Anthracene	17.55	178	670371	37.734	nq	98
73) Carbazole	17.83	167	660974	39.313	nq	99
74) Di-n-butylphthalate	18.35	149	790337	39.657	nq	99
75) Fluoranthene	19.47	202	838053	39.875	nq	99
77) Benzidine	19.65	184	376565	31.884	nq	97
78) Pyrene	19.83	202	850428	39.541	nq	99
80) Butylbenzylphthalate	20.70	149	376392	40.897	nq	97
81) Benzo(a)anthracene	21.67	228	820415	40.726	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	310359	40.500	nq	98
83) Chrysene	21.74	228	787117	40.656	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	545857	41.491	nq	99
85) Di-n-octyl phthalate	22.76	149	925820	41.304	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	974240	41.143	nq	99
88) Benzo(b)fluoranthene	23.92	252	851608	37.644	nq	98
89) Benzo(k)fluoranthene	23.98	252	801777	38.540	nq	99
90) Benzo(a)pyrene	24.81	252	812484	38.278	nq	100
91) Dibenzo(a,h)anthracene	28.78	278	774966	39.311	nq	98
92) Benzo(g,h,i)perylene	29.91	276	794185	39.200	nq	97

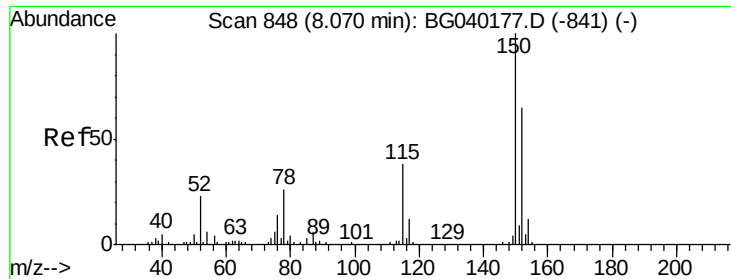
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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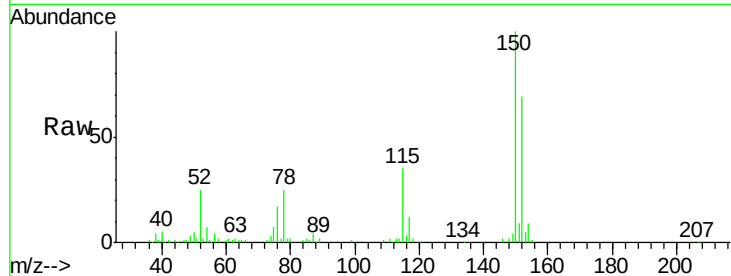


#1

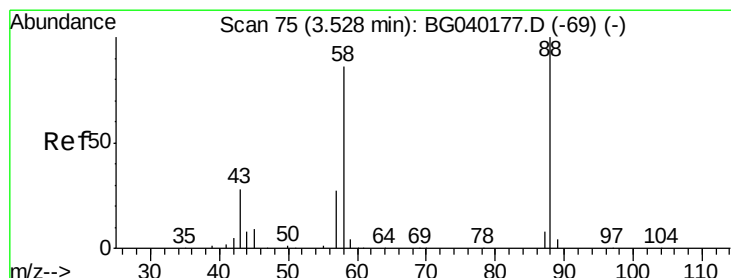
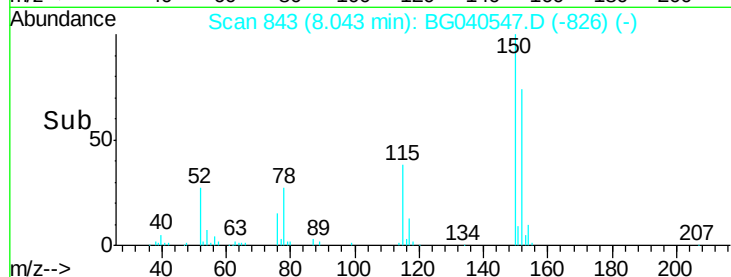
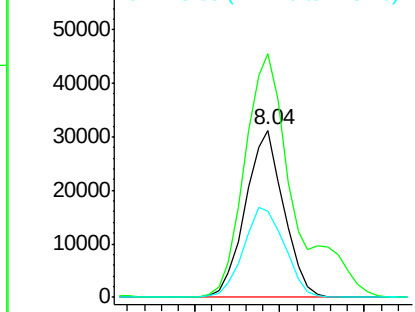
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49147
Ion Ratio Lower Upper
152 100
150 145.8 123.7 185.5
115 51.3 46.9 70.3



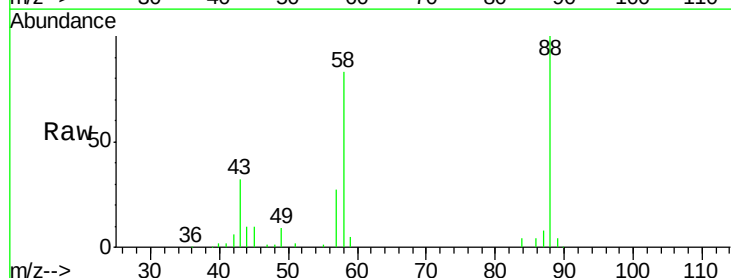
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



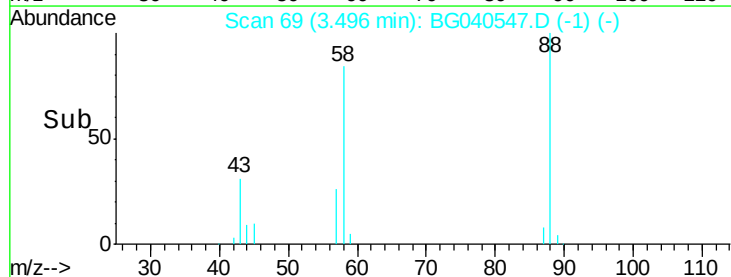
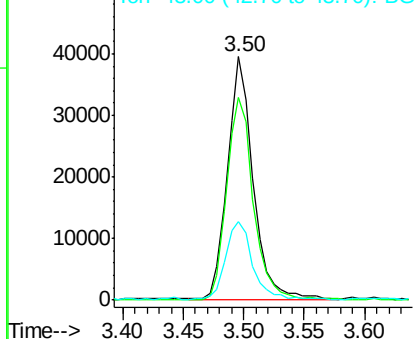
#2

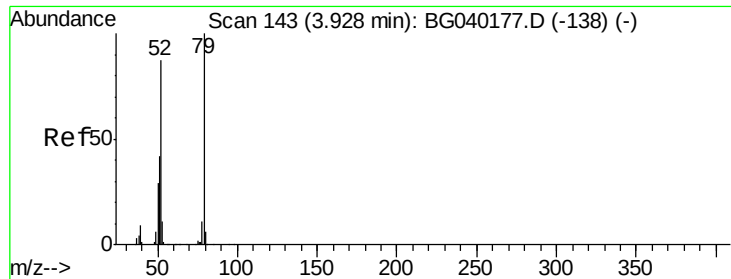
1,4-Dioxane
Concen: 42.321 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion: 88 Resp: 58831
Ion Ratio Lower Upper
88 100
58 86.3 70.6 106.0
43 34.5 24.8 37.2



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





#3

Pvridine

Concen: 40.297 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

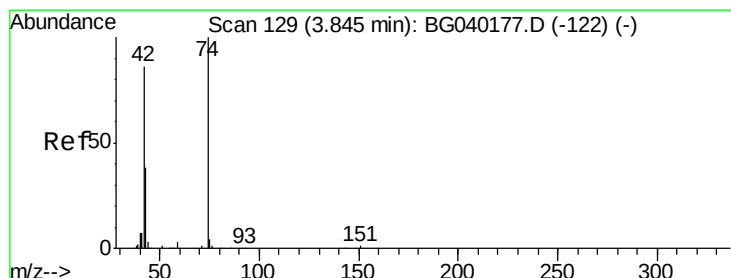
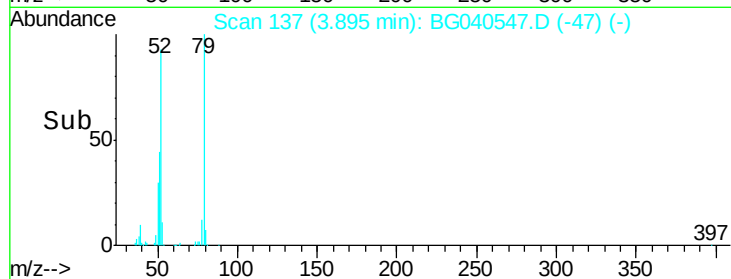
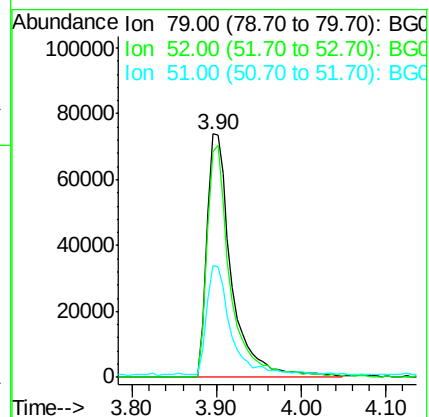
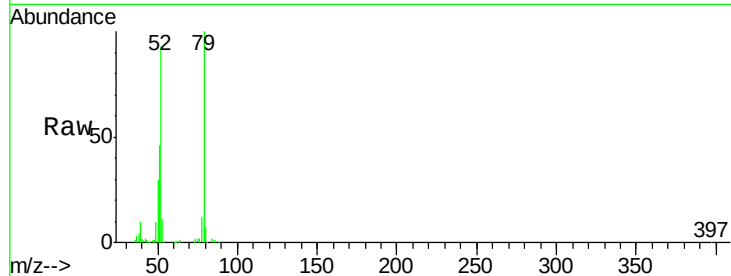
Tot Ion: 79 Resp: 150824

Ion Ratio Lower Upper

79 100

52 92.6 69.8 104.8

51 45.9 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 40.728 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

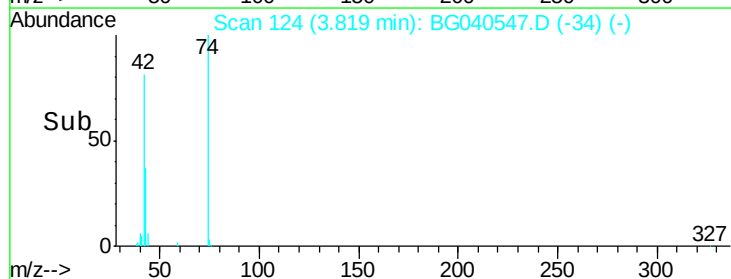
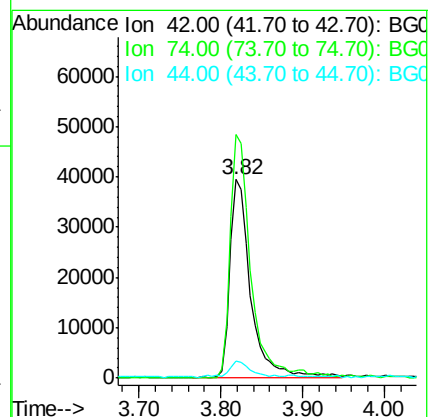
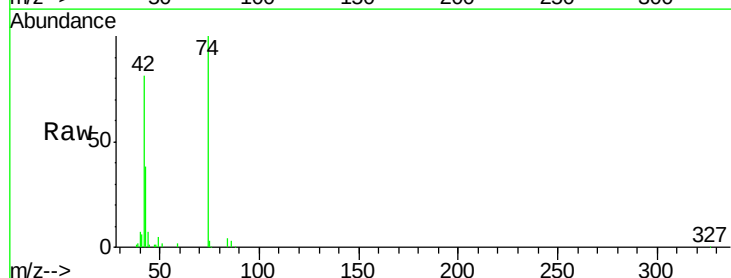
Tgt Ion: 42 Resp: 70514

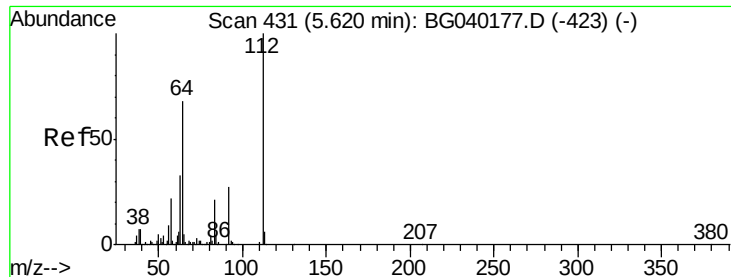
Ion Ratio Lower Upper

42 100

74 122.8 92.9 139.3

44 8.5 9.7 14.5#





#5

2-Fluorophenol

Concen: 77.848 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040547.D

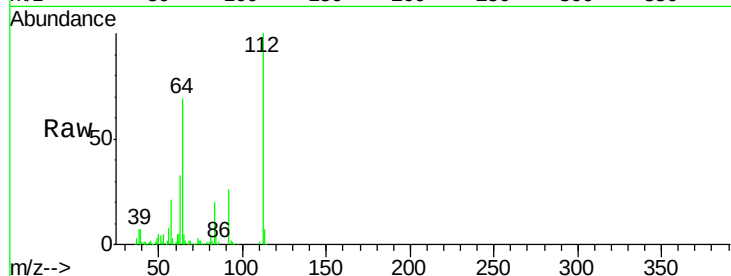
Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

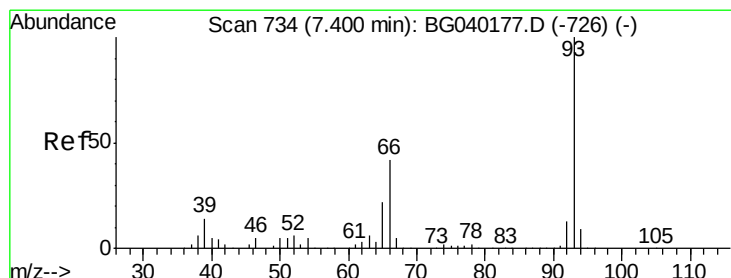
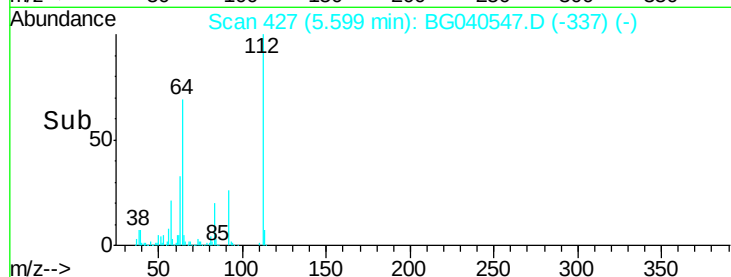
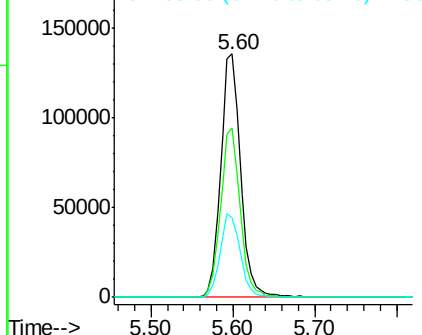
Tot Ion:	112	Resp:	230147
Ion	Ratio	Lower	Upper
112	100		
64	69.3	54.2	81.2
63	32.6	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.252 ng

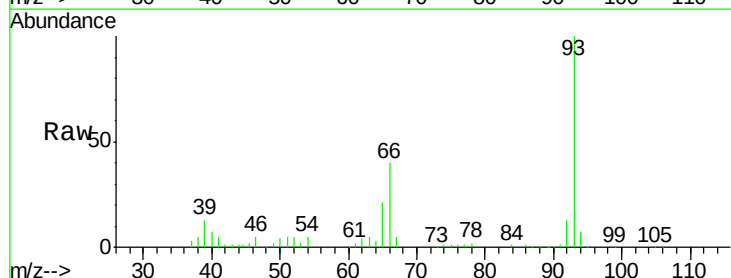
RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

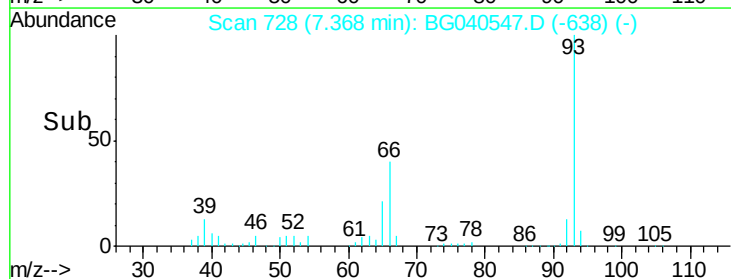
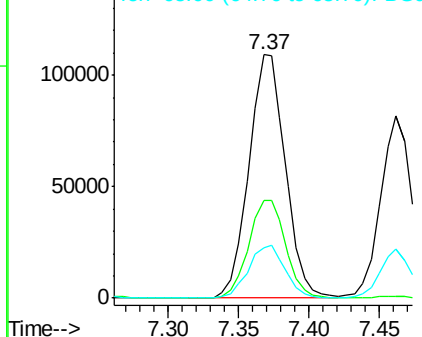
Tgt Ion:	93	Resp:	197745
Ion	Ratio	Lower	Upper
93	100		
66	40.1	33.6	50.4
65	20.8	17.4	26.2

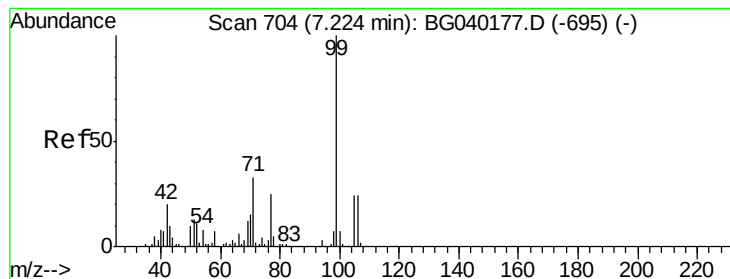


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 75.341 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

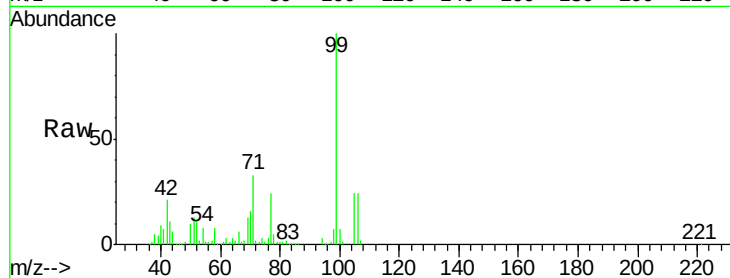
Tot Ion: 99 Resp: 307825

Ion Ratio Lower Upper

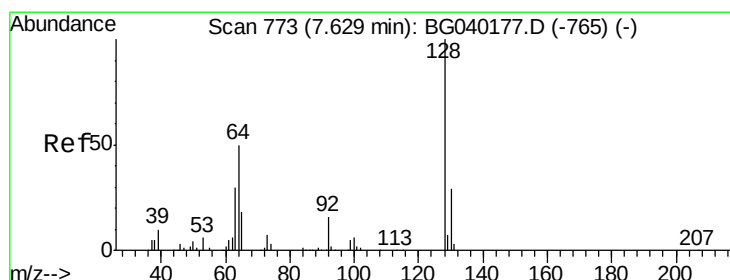
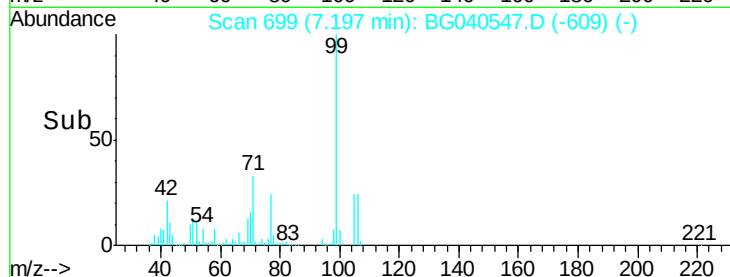
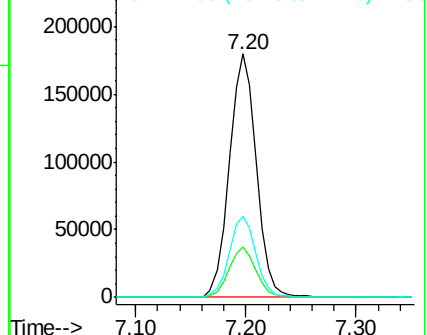
99 100

42 20.7 16.2 24.2

71 33.4 26.8 40.2



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



#8

2-Chlorophenol

Concen: 37.175 ng

RT: 7.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

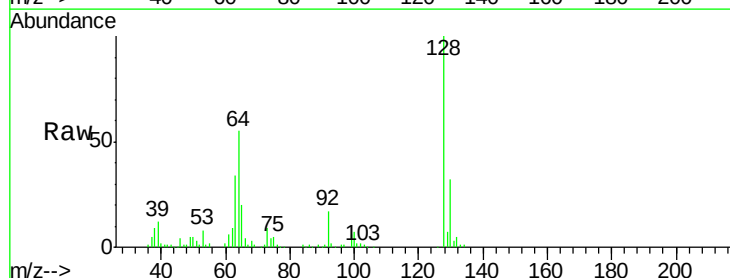
Tgt Ion: 128 Resp: 128651

Ion Ratio Lower Upper

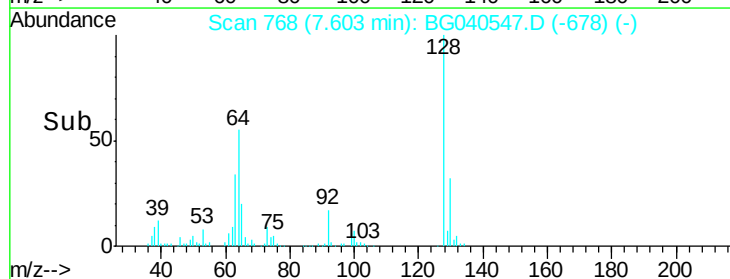
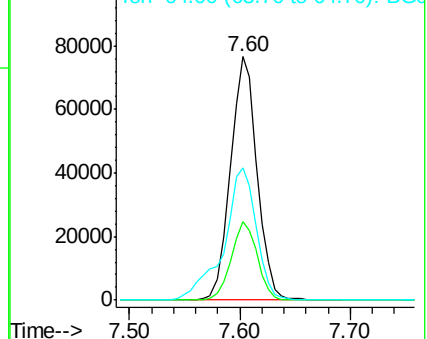
128 100

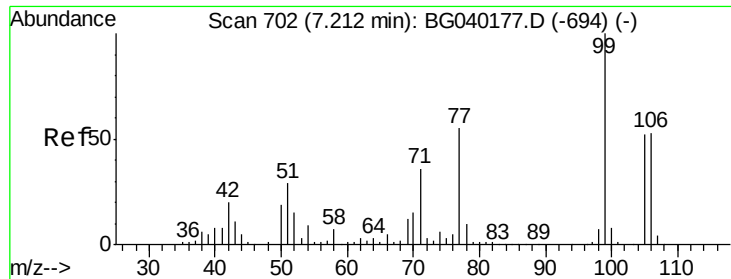
130 32.2 9.1 49.1

64 54.5 33.1 73.1



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





#9

Benzaldehyde

Concen: 40.739 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

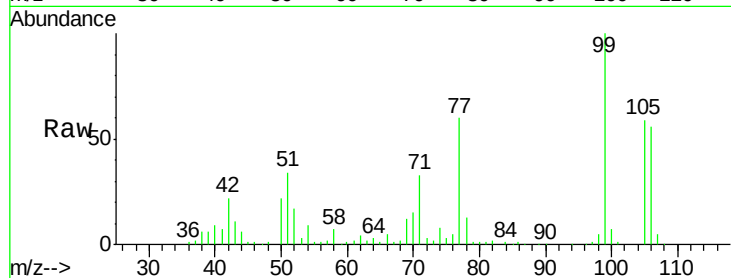
Tot Ion: 77 Resp: 114175

Ion Ratio Lower Upper

77 100

105 98.5 75.0 115.0

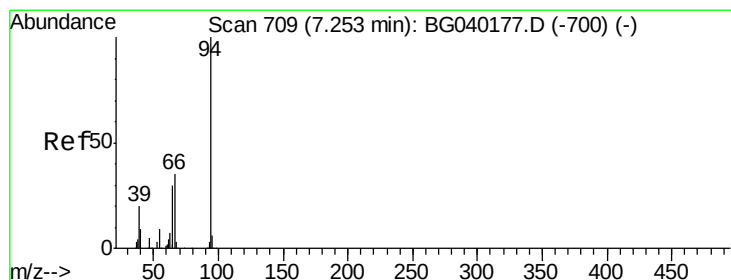
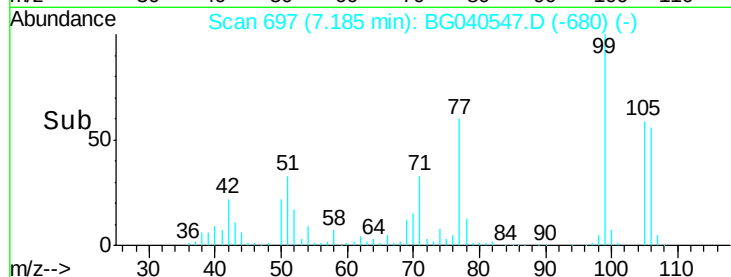
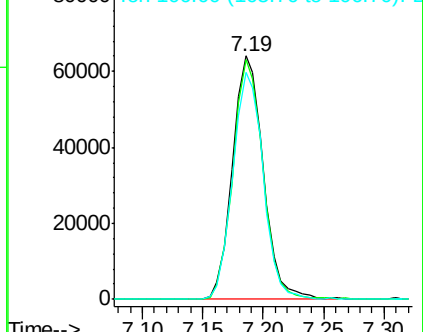
106 93.0 75.7 115.7



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: 37.793 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

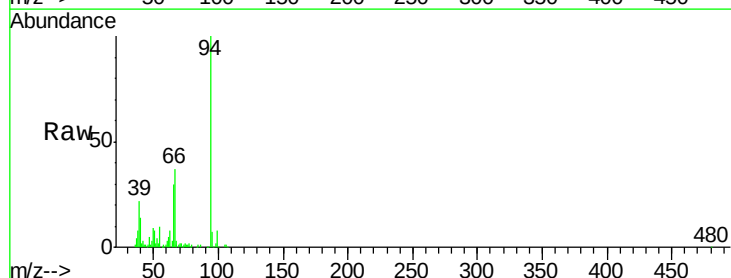
Tgt Ion: 94 Resp: 167604

Ion Ratio Lower Upper

94 100

65 29.6 10.5 50.5

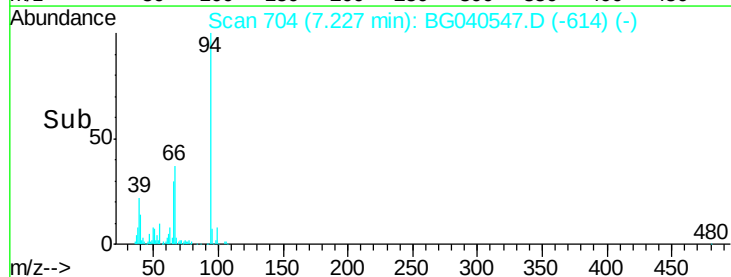
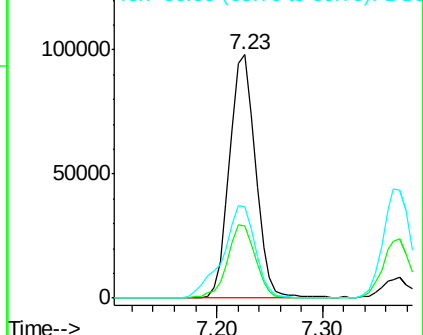
66 37.3 16.9 56.9

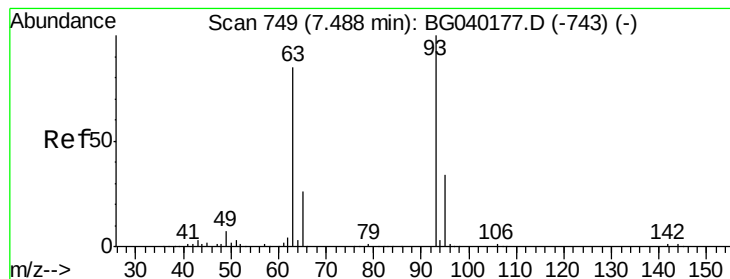


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.562 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

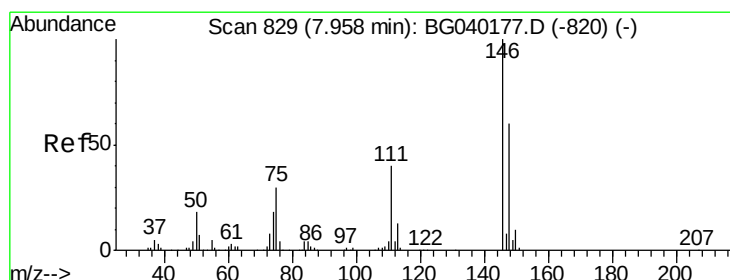
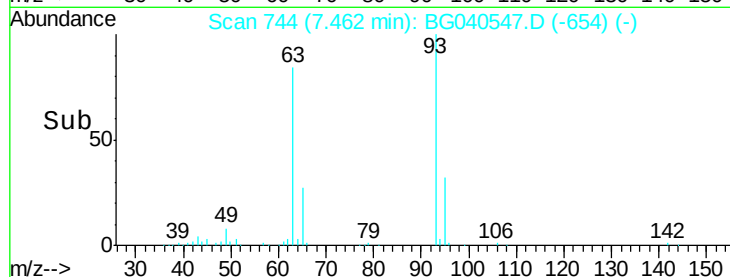
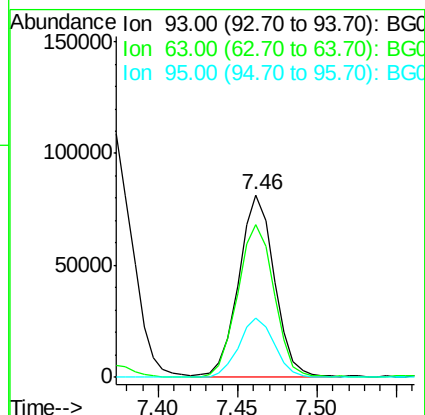
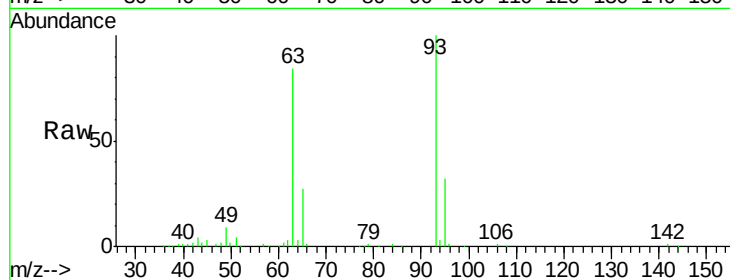
Tot Ion: 93 Resp: 126313

Ion Ratio Lower Upper

93 100

63 83.9 64.2 104.2

95 32.2 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 37.390 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

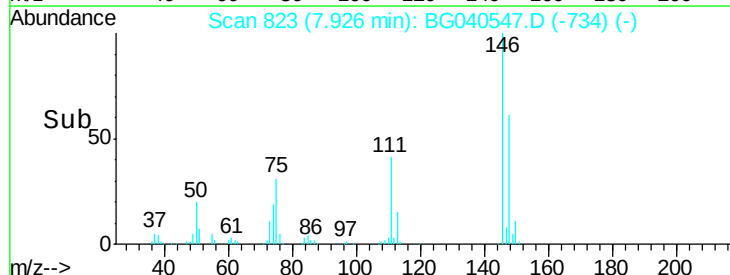
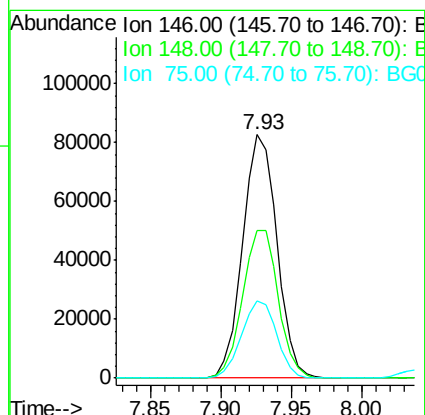
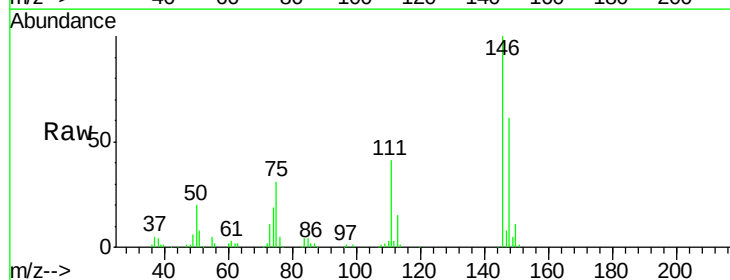
Tgt Ion: 146 Resp: 140660

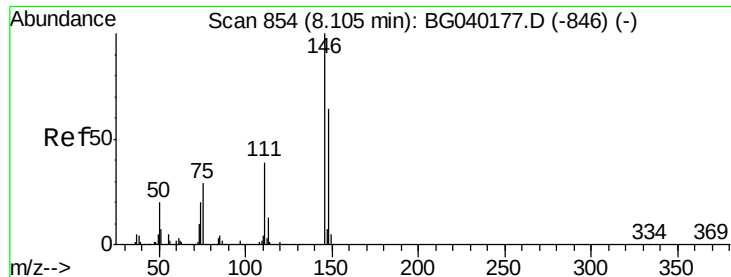
Ion Ratio Lower Upper

146 100

148 60.6 48.2 72.2

75 31.5 24.1 36.1

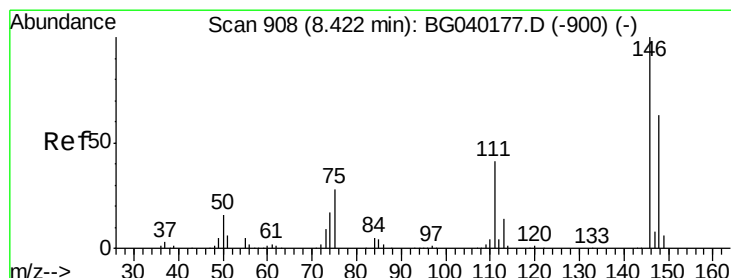
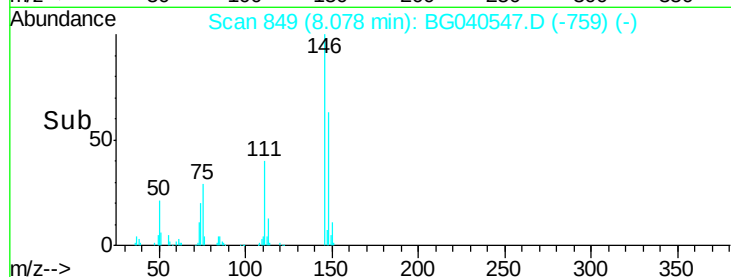
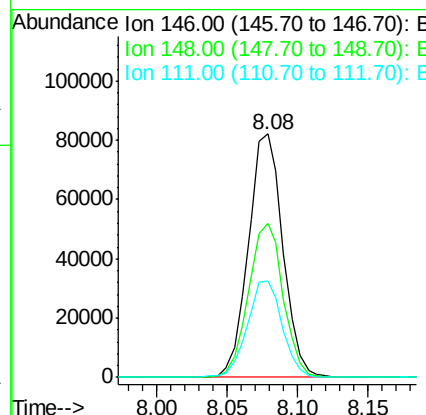
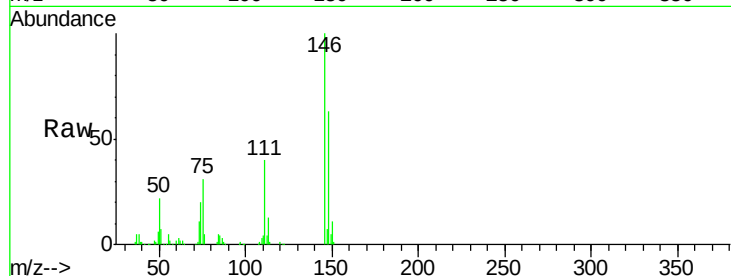




#13
 1,4-Dichlorobenzene
 Concen: 37.590 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

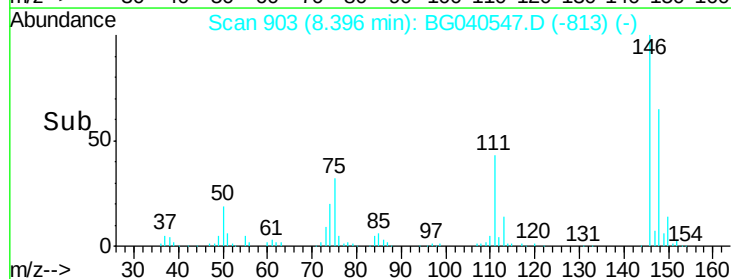
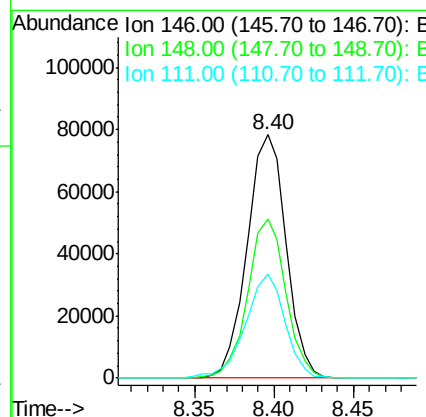
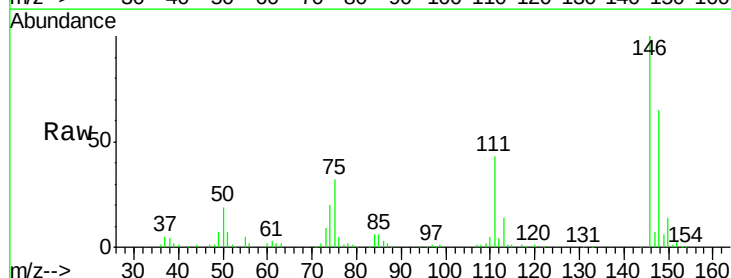
Instrument :
 BNA_G
 ClientSampleId :

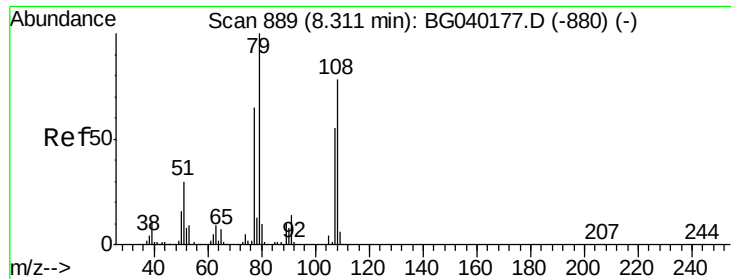
Tot Ion:146 Resp: 140847
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.4
 111 39.6 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 37.276 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:146 Resp: 133565
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.8 76.2
 111 42.9 33.4 50.0





#15

Benzyl Alcohol

Concen: 35.419 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

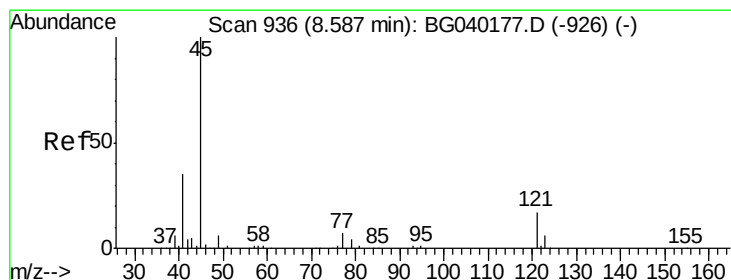
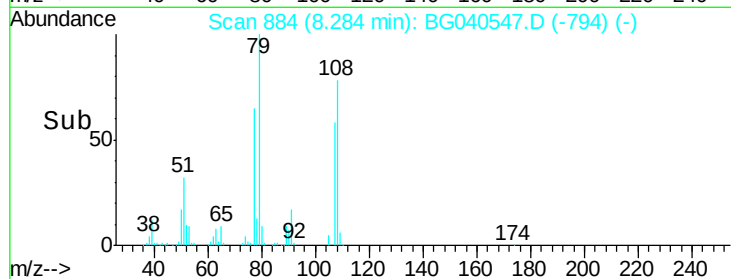
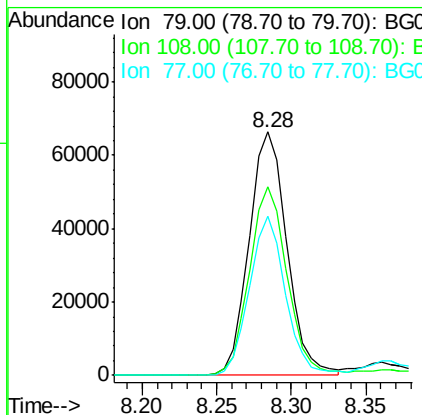
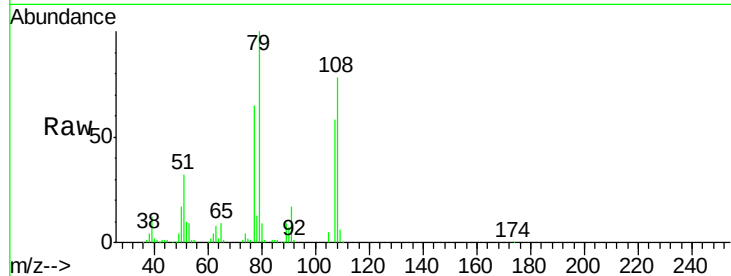
Tot Ion: 79 Resp: 116545

Ion Ratio Lower Upper

79 100

108 77.6 62.1 93.1

77 65.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.982 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

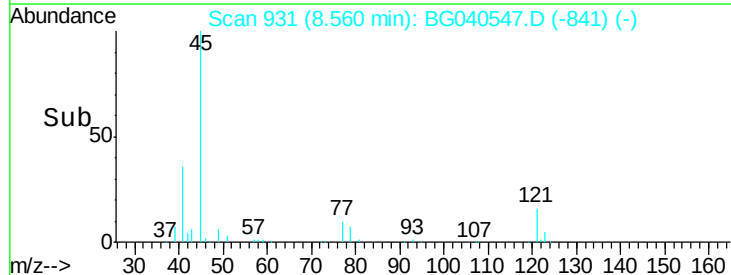
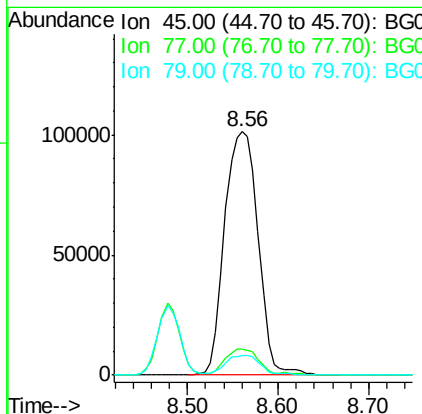
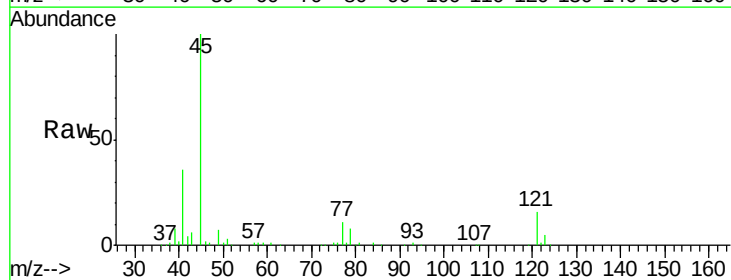
Tgt Ion: 45 Resp: 258920

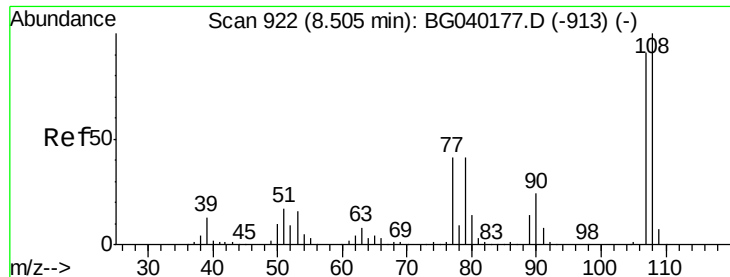
Ion Ratio Lower Upper

45 100

77 10.8 0.0 31.4

79 7.9 0.0 28.3





#17

2-Methylphenol

Concen: 35.693 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 109531

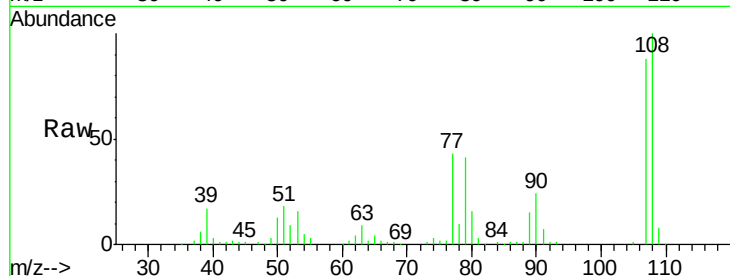
Ion Ratio Lower Upper

107 100

108 113.5 88.2 132.4

77 48.6 36.6 55.0

79 46.4 36.5 54.7

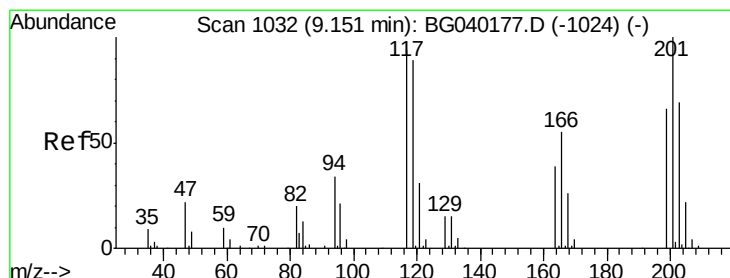
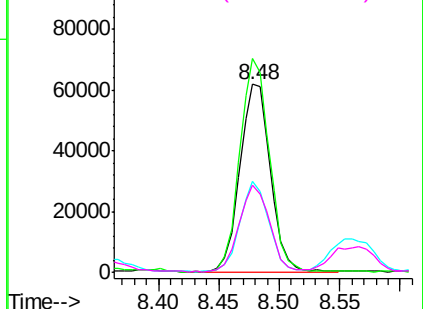
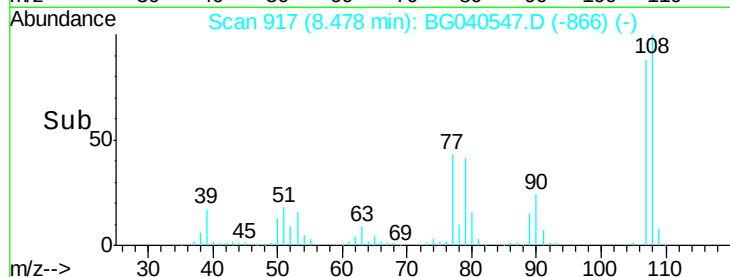


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.752 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

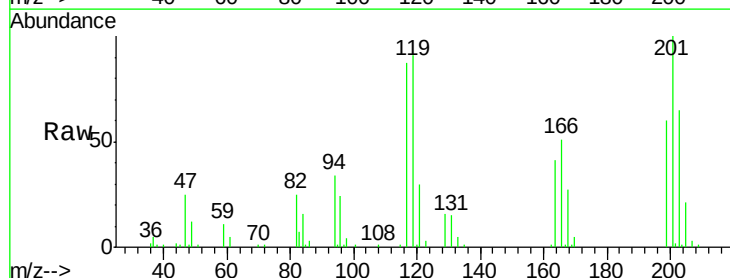
Tgt Ion:117 Resp: 50955

Ion Ratio Lower Upper

117 100

119 103.9 76.6 115.0

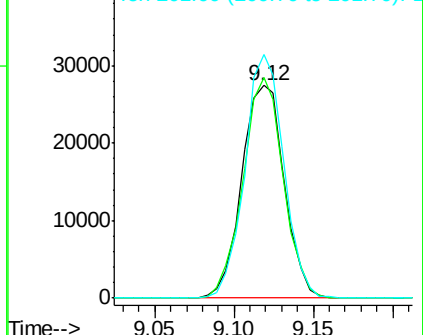
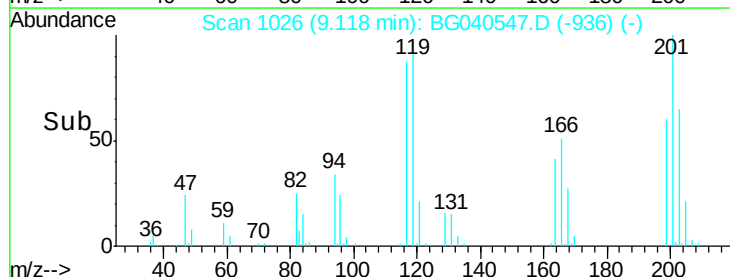
201 114.7 85.0 127.4

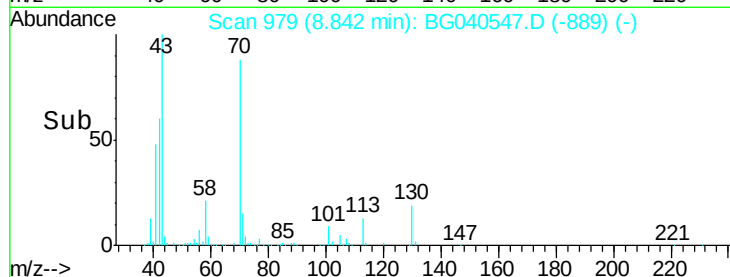
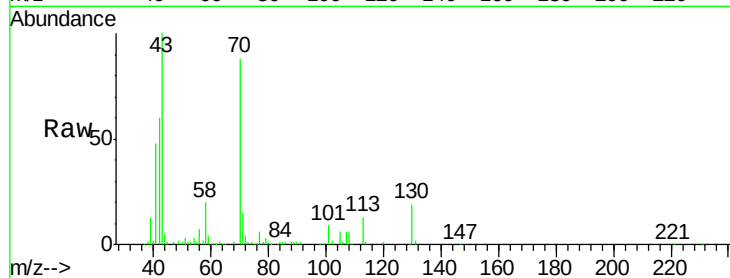
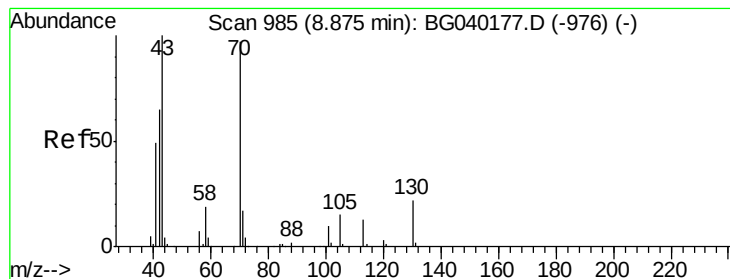


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.339 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 106450

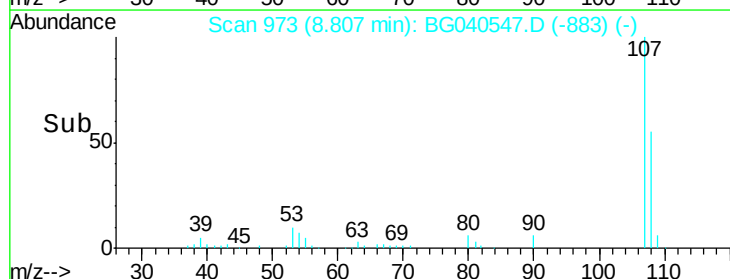
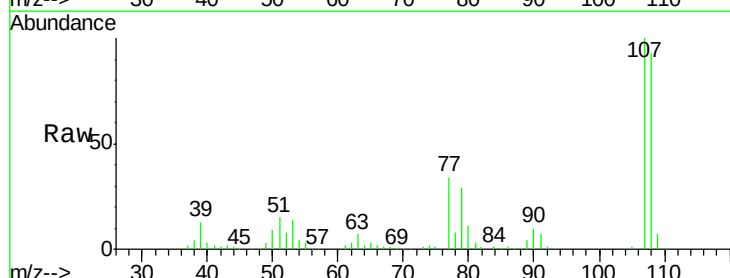
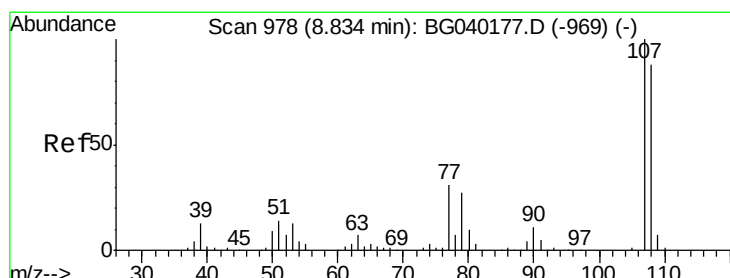
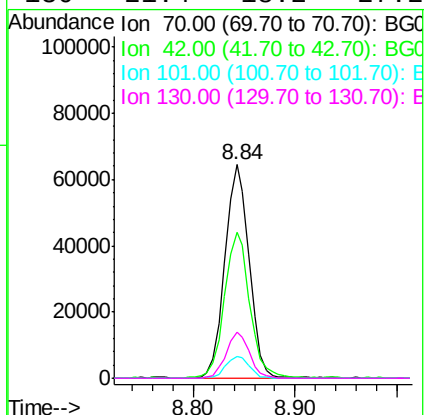
Ion Ratio Lower Upper

70 100

42 68.6 54.0 81.0

101 9.9 8.6 13.0

130 21.4 18.2 27.2



#20

3+4-Methylphenols

Concen: 36.385 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Tgt Ion: 107 Resp: 151260

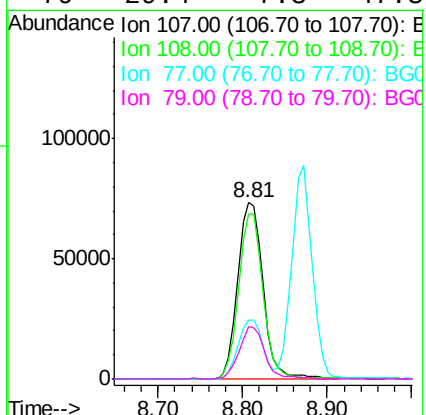
Ion Ratio Lower Upper

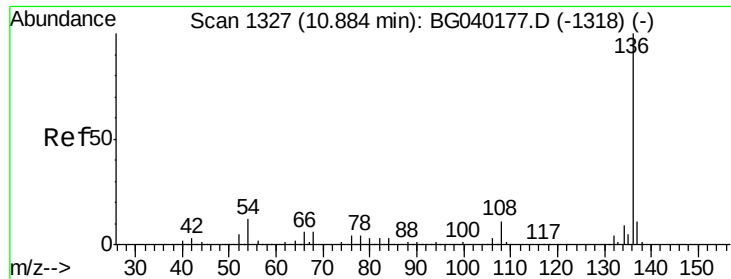
107 100

108 93.5 68.3 108.3

77 33.7 11.3 51.3

79 29.4 7.3 47.3

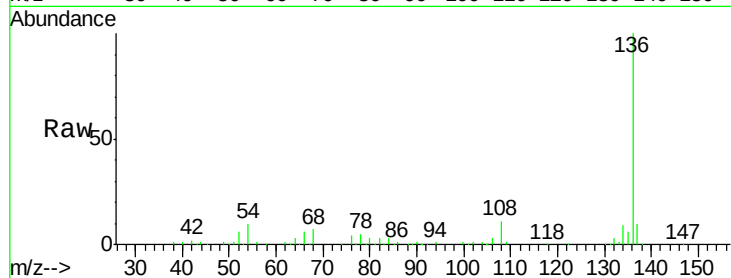




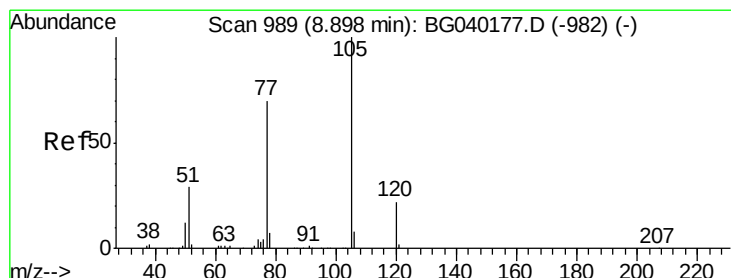
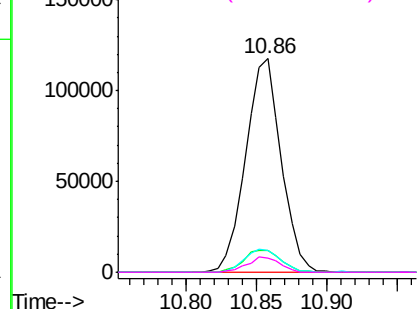
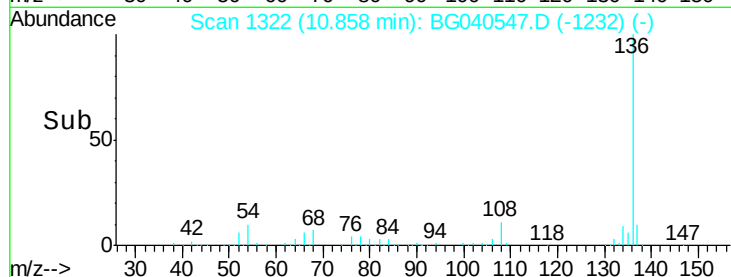
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	206984
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.9 13.3
54	10.2	9.6 14.4
68	6.6	5.1 7.7

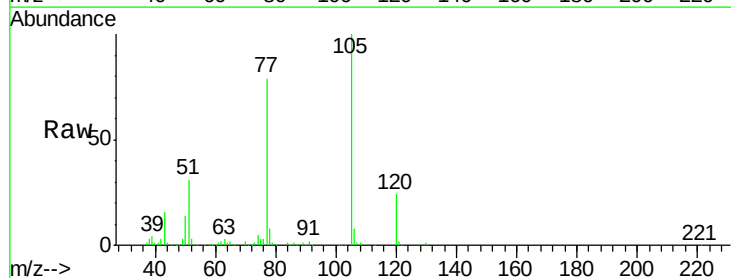


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

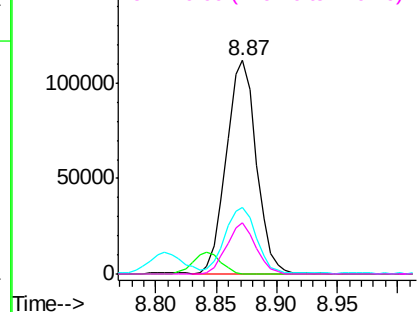
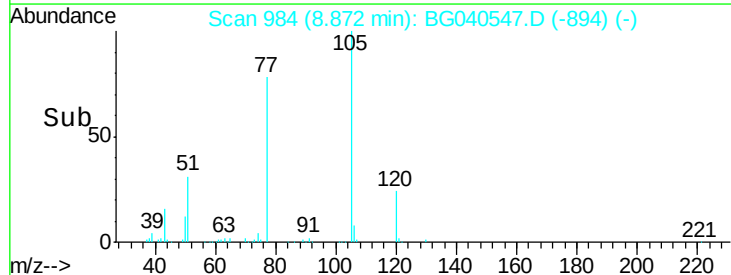


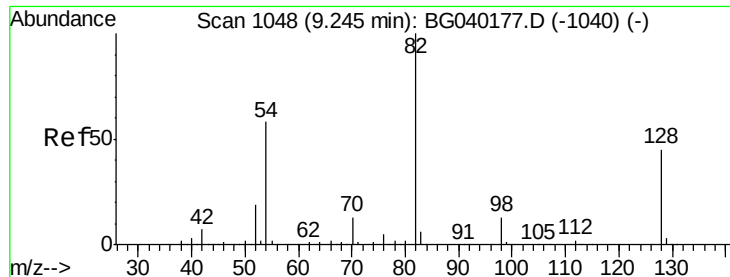
#22
Acetophenone
Concen: 37.135 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion:105	Resp:	191736
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.6 1.0#
51	31.1	25.1 37.7
120	24.1	17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

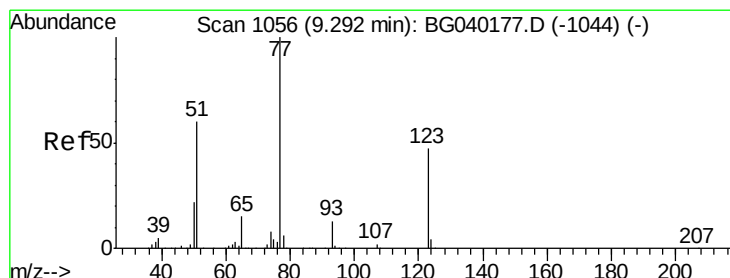
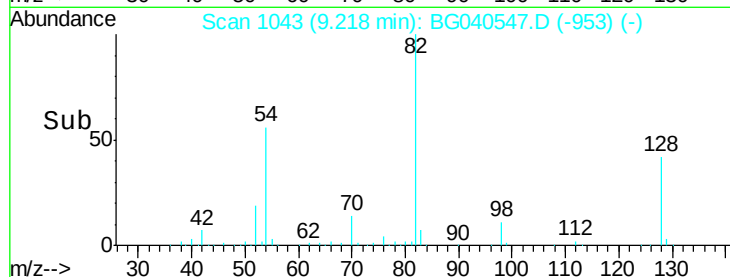
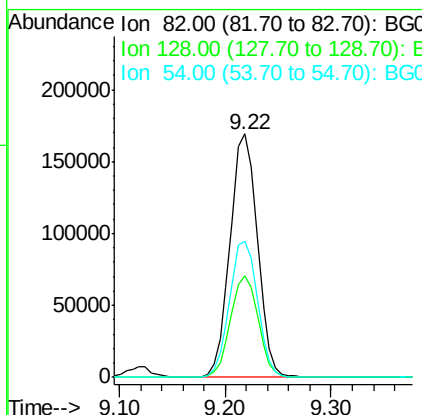
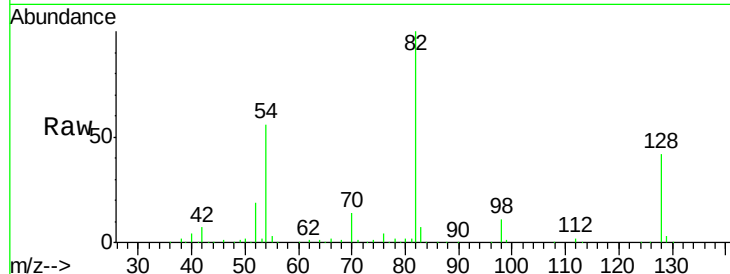




#23
Nitrobenzene-d5
Concen: 77.929 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

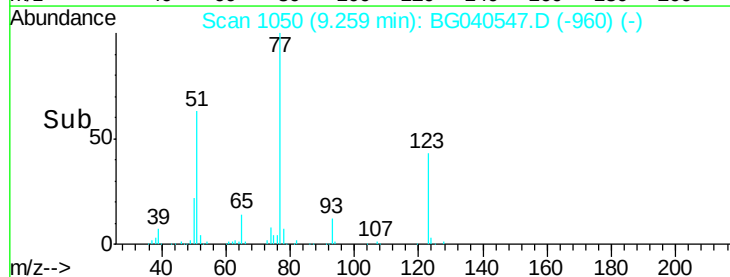
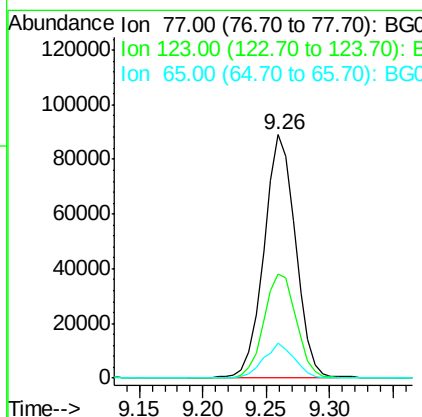
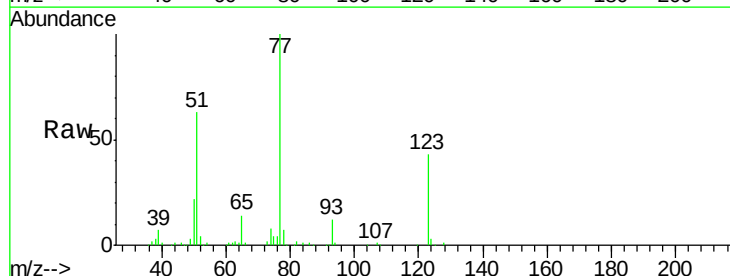
Instrument :
BNA_G
ClientSampled :

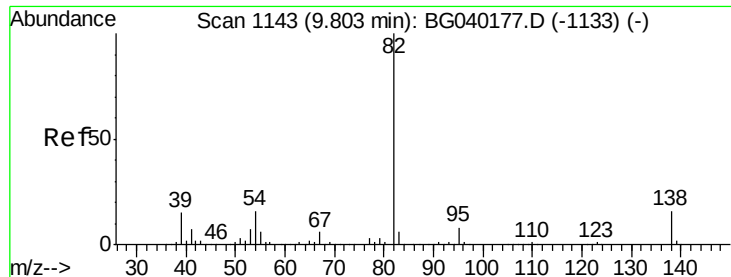
Tot Ion	82	Resp	303464
Ion Ratio	100	Lower	Upper
128	41.6	35.8	53.8
54	55.8	46.2	69.2



#24
Nitrobenzene
Concen: 38.231 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion	77	Resp	154166
Ion Ratio	100	Lower	Upper
123	42.9	37.8	56.6
65	14.3	12.0	18.0





#25

Isophorone

Concen: 37.895 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

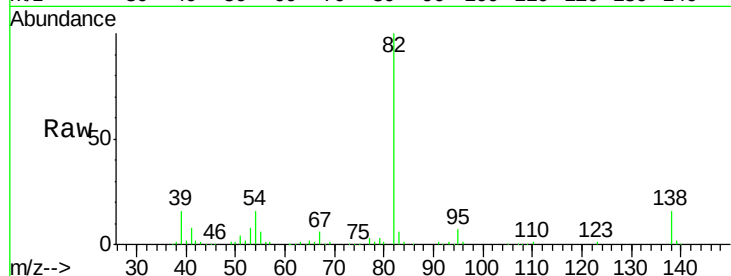
Tot Ion: 82 Resp: 303628

Ion Ratio Lower Upper

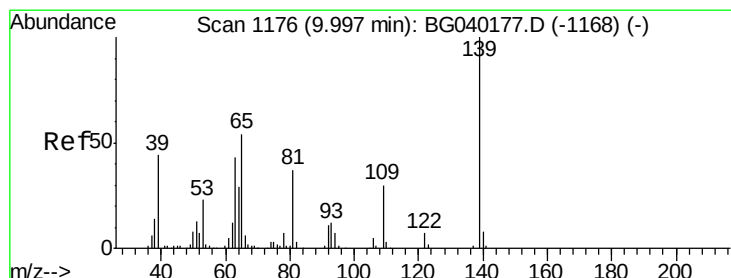
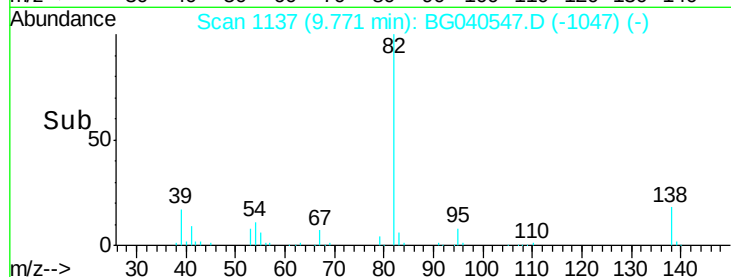
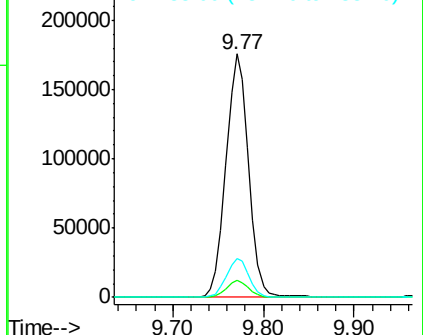
82 100

95 6.8 6.1 9.1

138 15.8 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.207 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

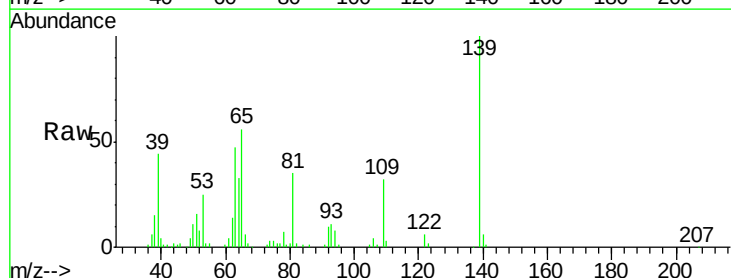
Tgt Ion: 139 Resp: 73004

Ion Ratio Lower Upper

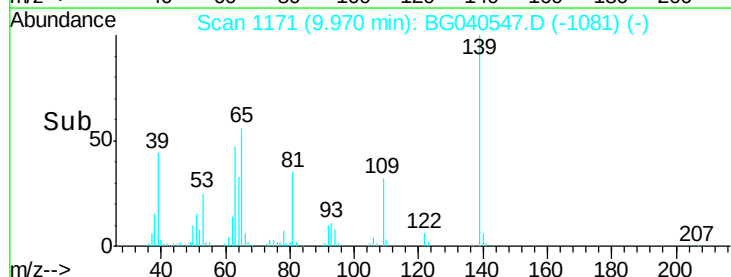
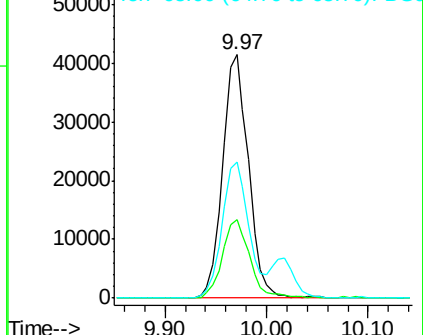
139 100

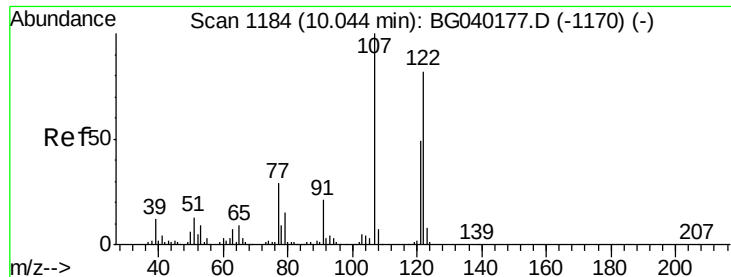
109 32.2 24.1 36.1

65 56.0 43.0 64.6



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

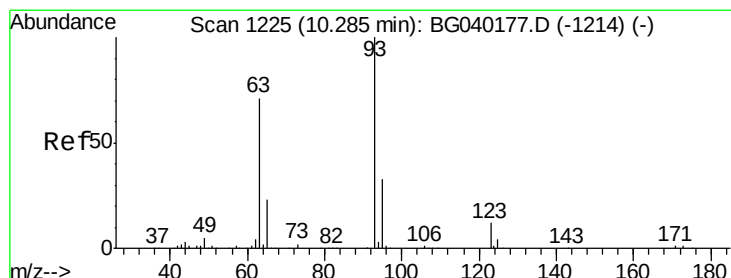
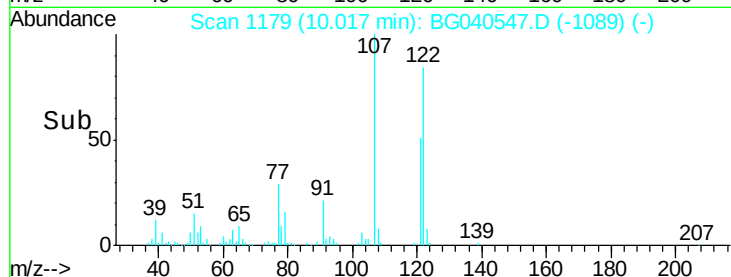
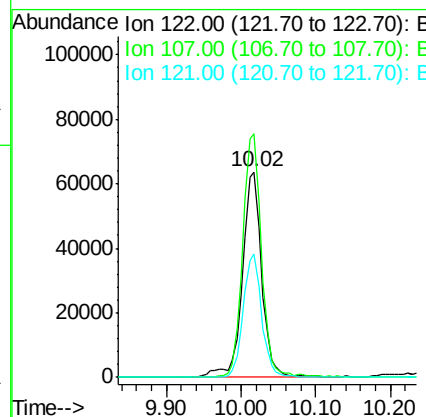
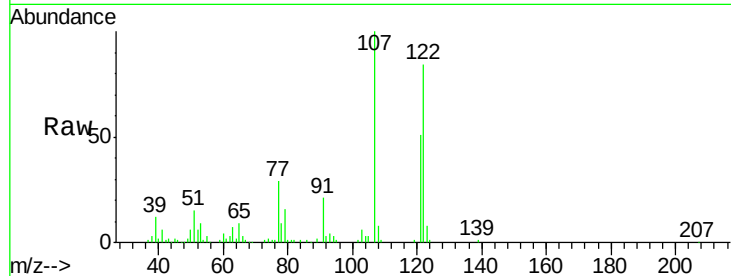




#27
 2,4-Dimethylphenol
 Concen: 37.751 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

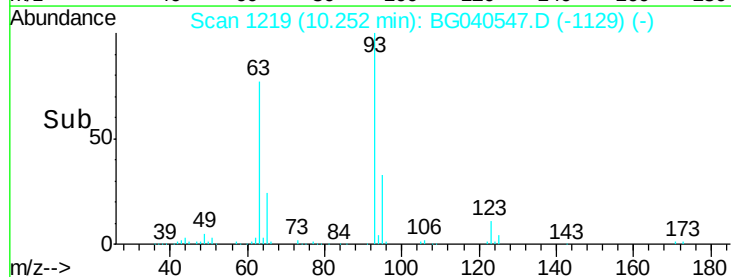
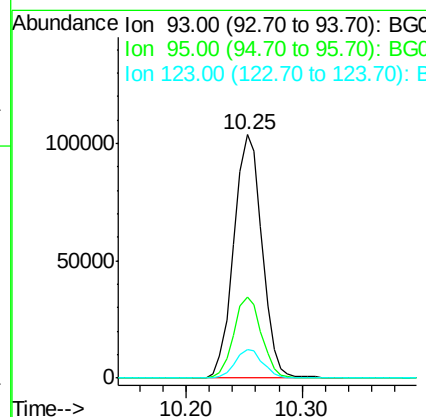
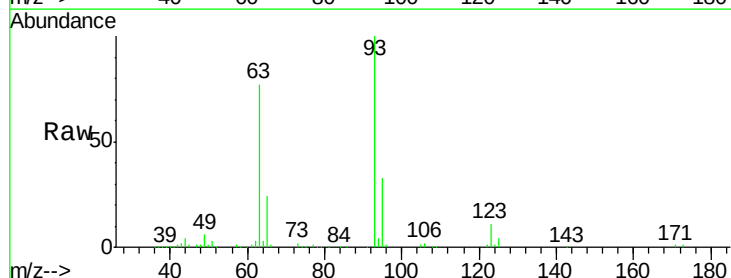
Instrument :
 BNA_G
 ClientSampled :

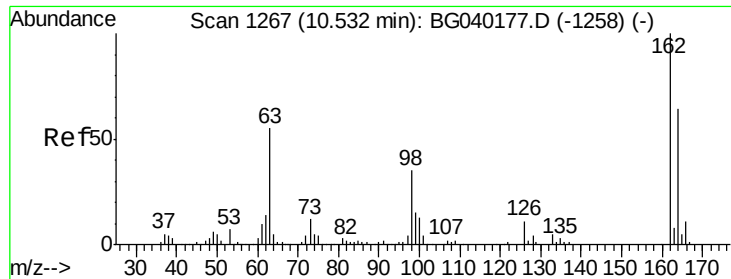
Tot Ion:122 Resp: 114578
 Ion Ratio Lower Upper
 122 100
 107 118.6 97.4 146.2
 121 60.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.068 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion: 93 Resp: 175713
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.2 39.4
 123 11.5 9.4 14.0

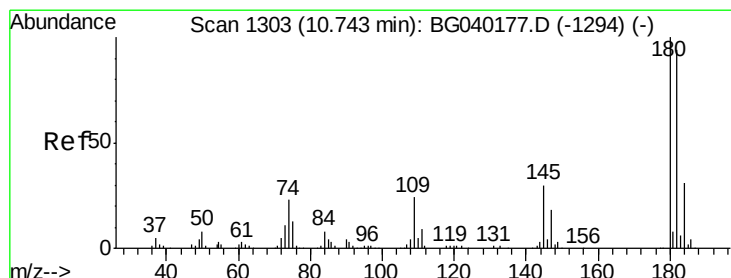
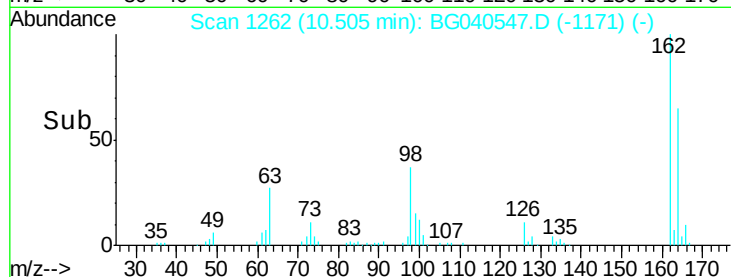
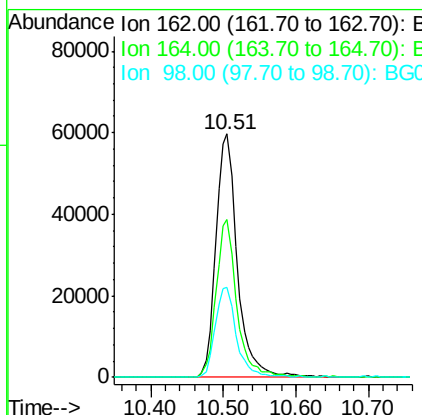
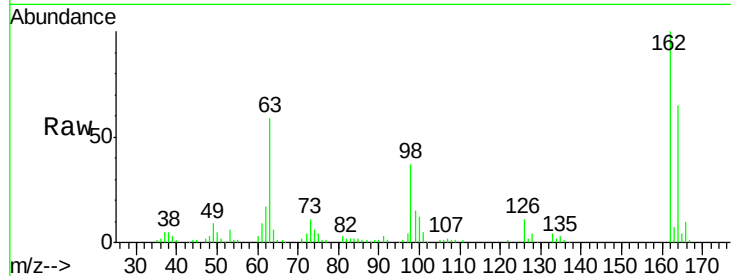




#29
 2,4-Dichlorophenol
 Concen: 37.269 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

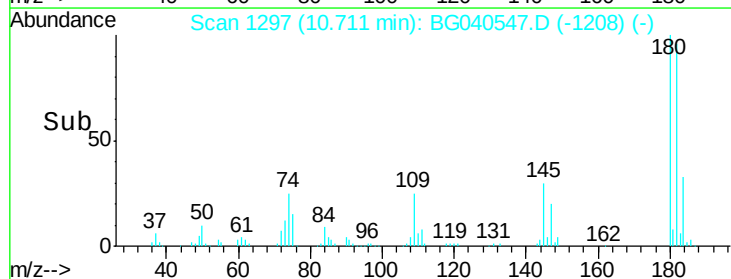
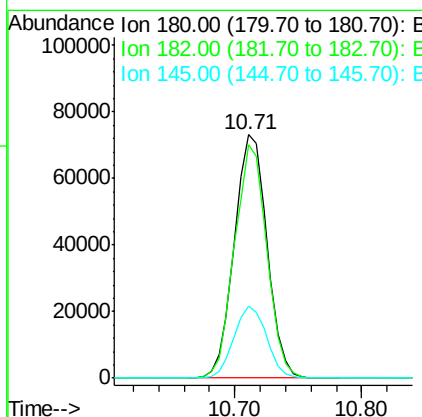
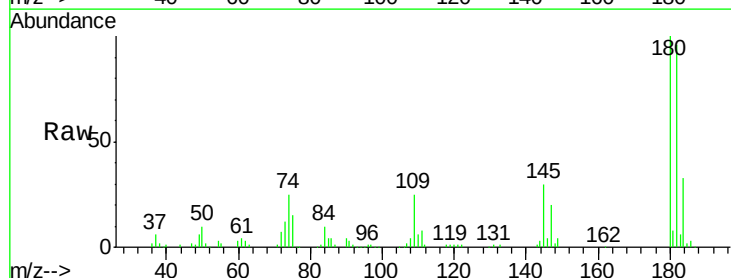
Instrument :
 BNA_G
 ClientSampleId :

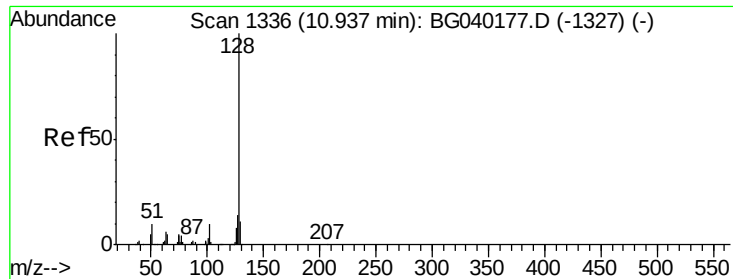
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.9	83.9
98	36.9	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.210 ng
 RT: 10.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	29.6	24.1	36.1

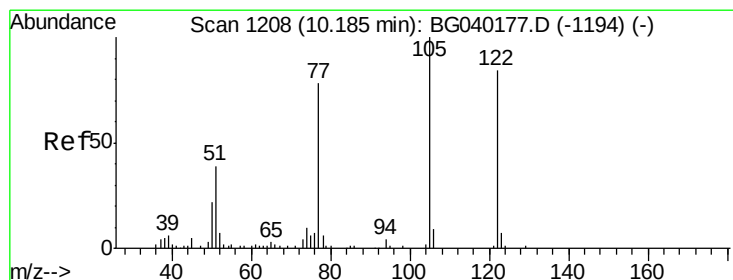
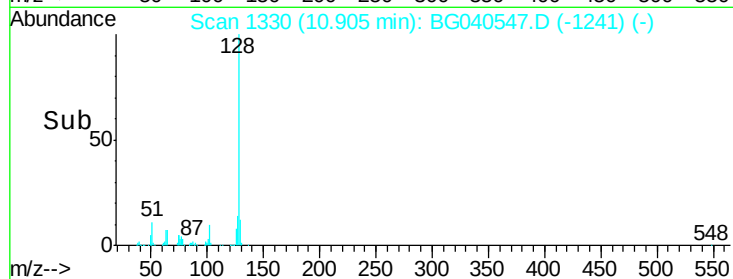
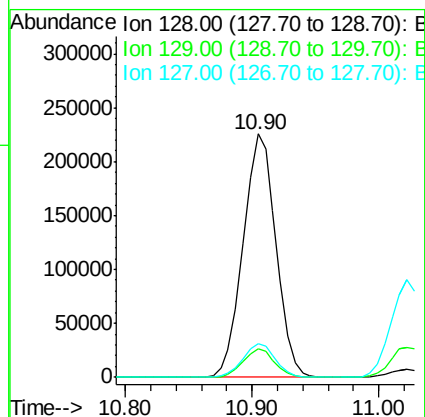
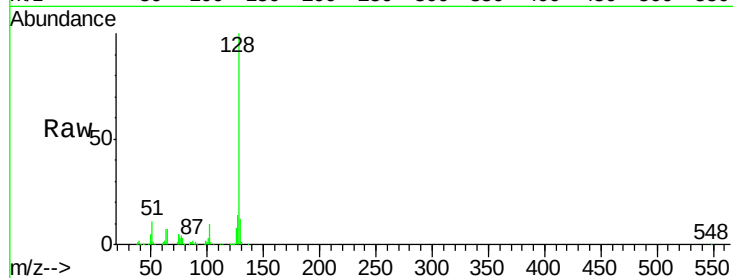




#31
Naphthalene
Concen: 38.158 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

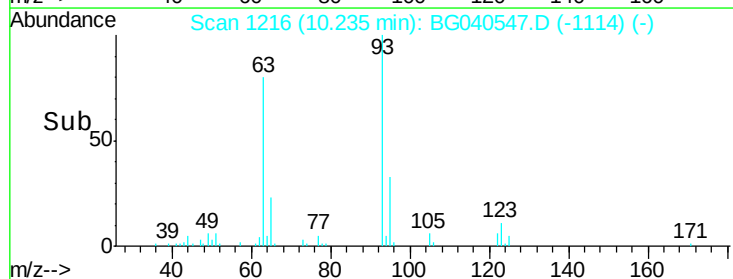
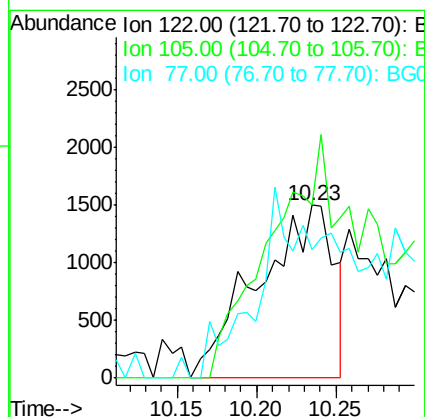
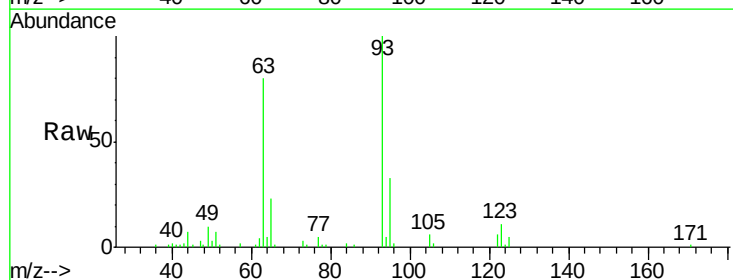
Instrument :
BNA_G
ClientSampleId :

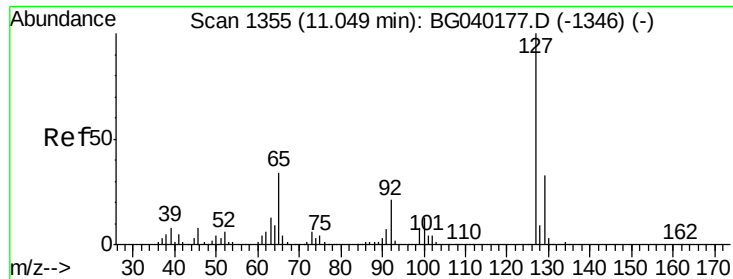
Tot Ion:128 Resp: 404831
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.6 11.4 17.0



#32
Benzoic acid
Concen: 2.705 ng
RT: 10.23 min Scan# 1216
Delta R.T. 0.07 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion:122 Resp: 4960
Ion Ratio Lower Upper
122 100
105 100.1 98.2 138.2
77 74.5 73.6 113.6

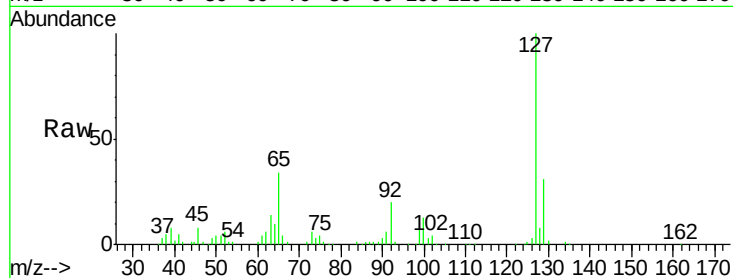




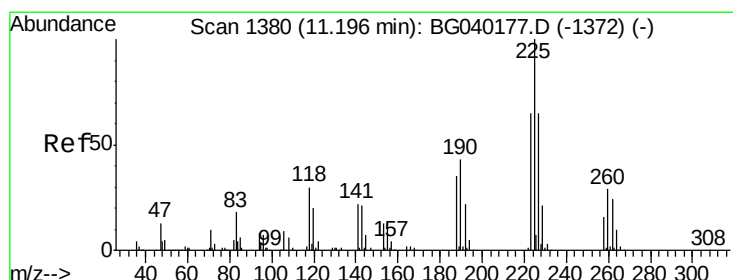
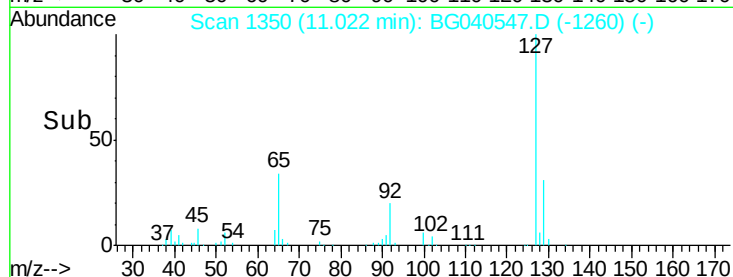
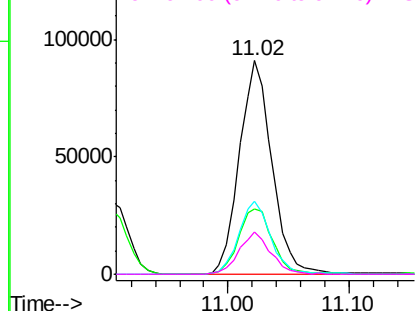
#33
4-Chloroaniline
Concen: 37.762 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	170893
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.6	40.0
65	34.1	27.0	40.4
92	20.0	16.6	25.0

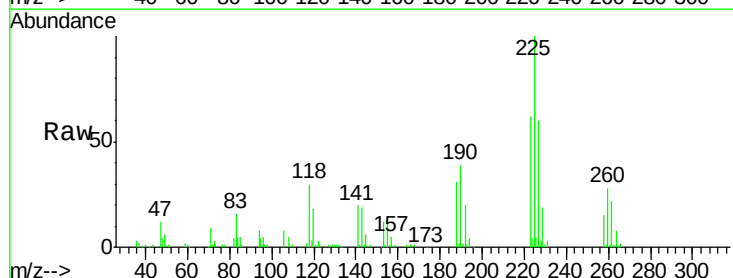


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

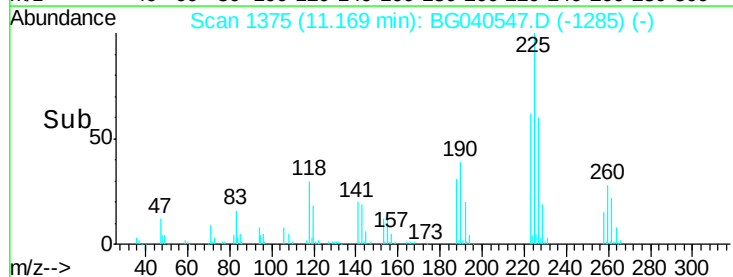
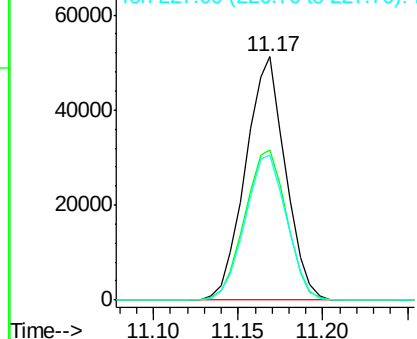


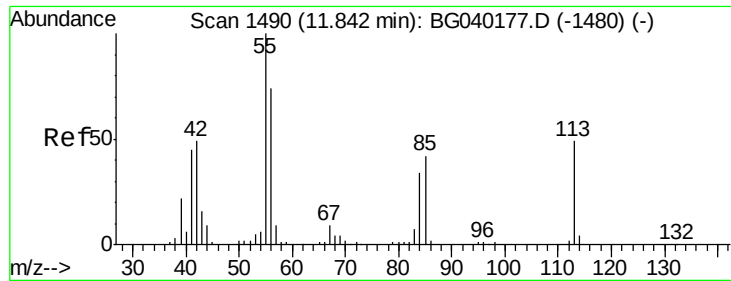
#34
Hexachlorobutadiene
Concen: 36.334 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion:	225	Resp:	84056
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.8	77.8
227	63.2	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

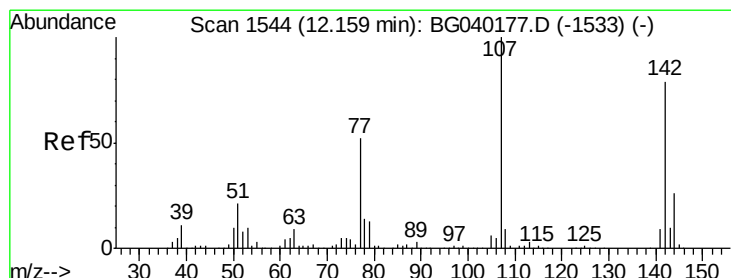
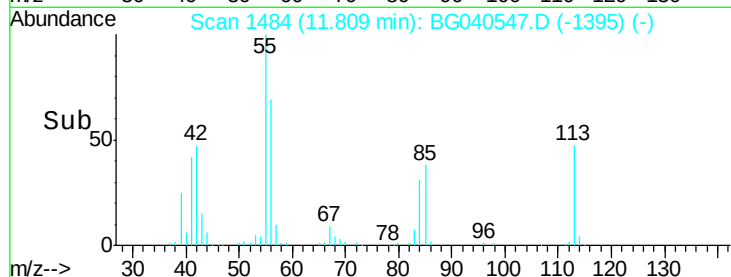
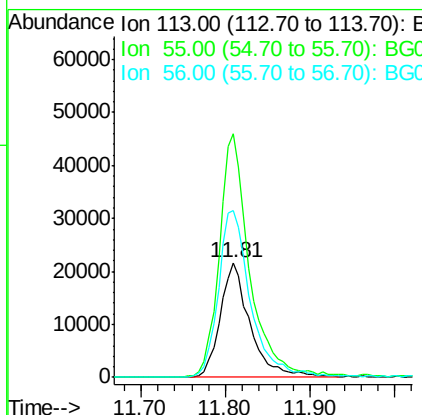
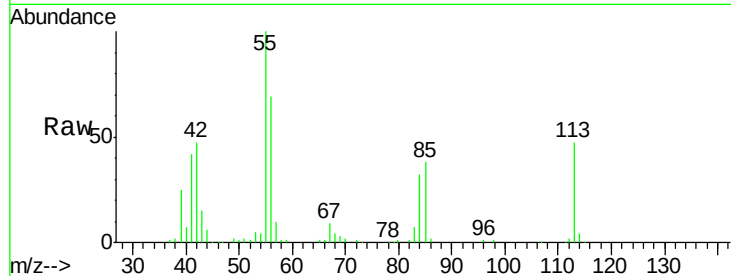




#35
 Caprolactam
 Concen: 40.519 ng
 RT: 11.81 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

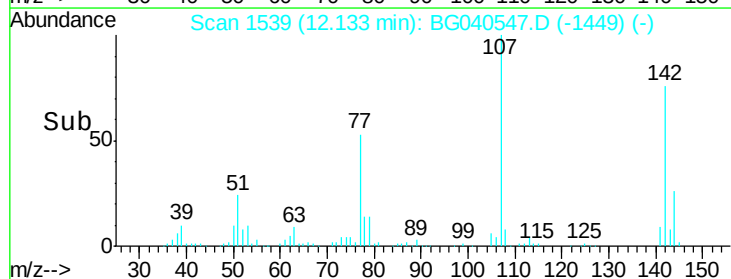
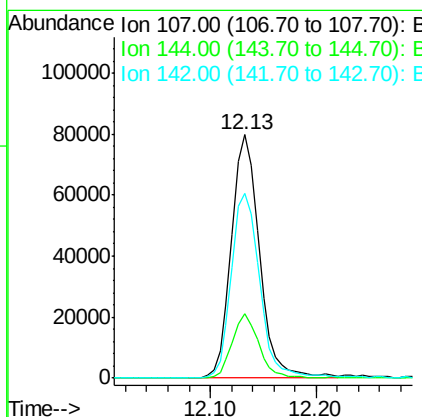
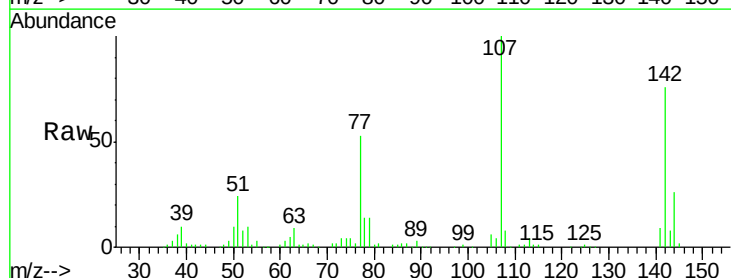
Instrument :
 BNA_G
 ClientSampled :

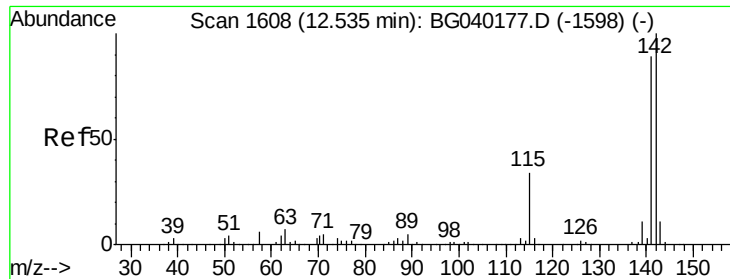
Tot Ion:113 Resp: 52972
 Ion Ratio Lower Upper
 113 100
 55 212.2 184.2 224.2
 56 145.8 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.681 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:107 Resp: 146497
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 76.1 63.1 94.7

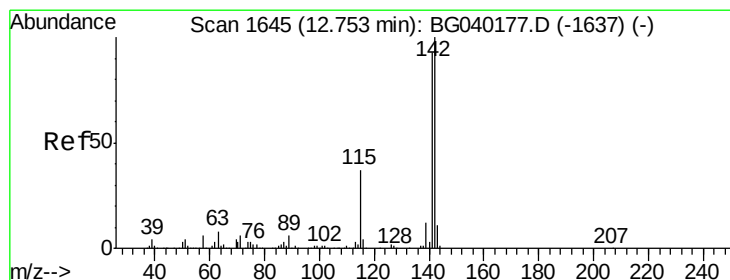
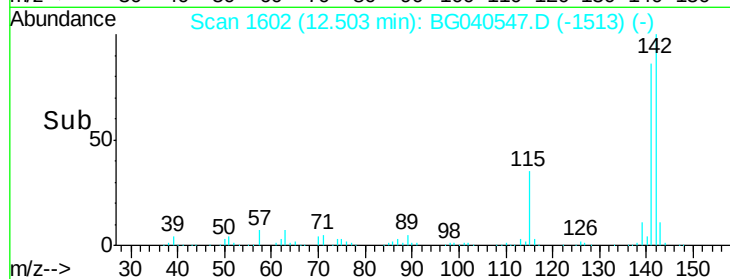
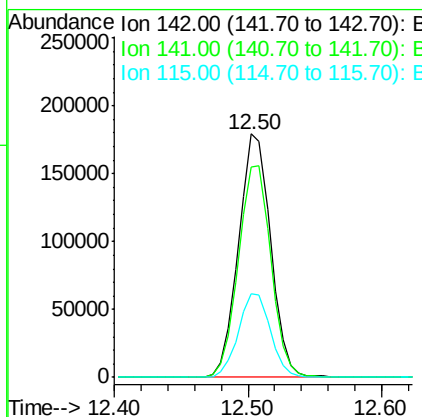
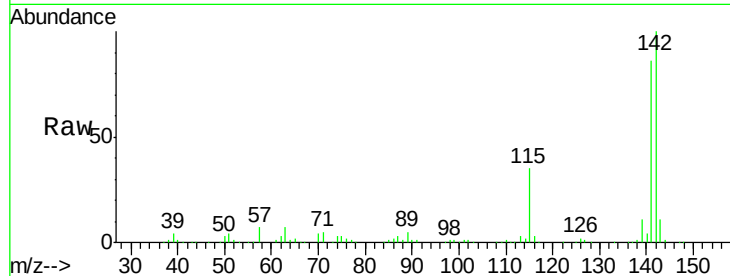




#37
 2-Methylnaphthalene
 Concen: 38.057 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

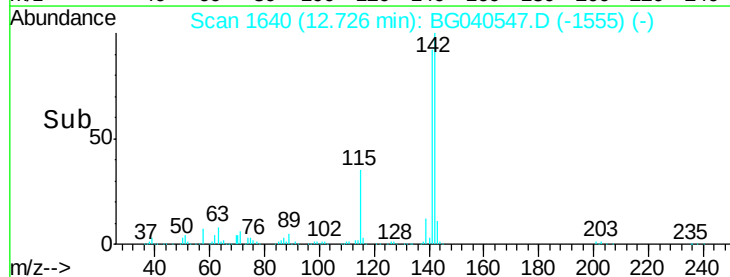
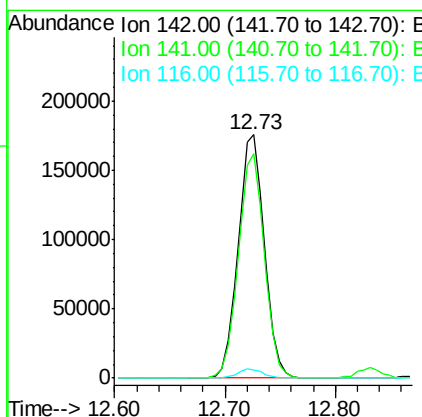
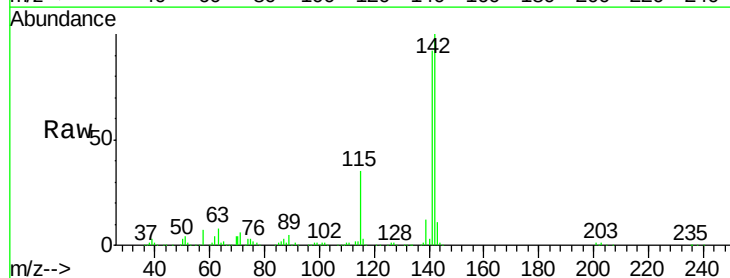
Instrument :
 BNA_G
 ClientSampleId :

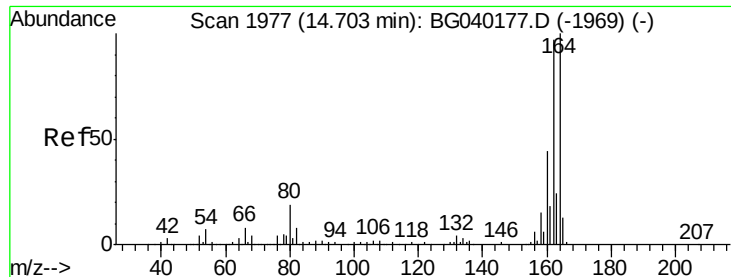
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.0	106.6
115	34.6	27.3	40.9



#38
 1-Methylnaphthalene
 Concen: 38.517 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	3.5	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

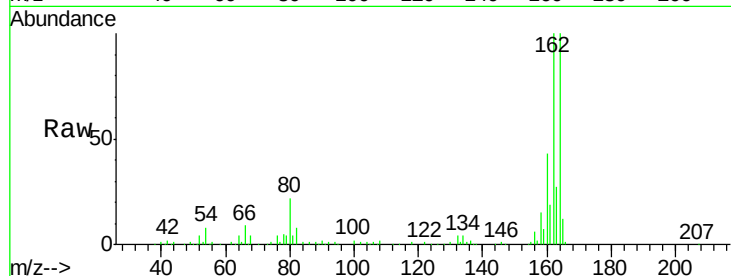
Tot Ion:164 Resp: 130231

Ion Ratio Lower Upper

164 100

162 99.8 77.4 116.2

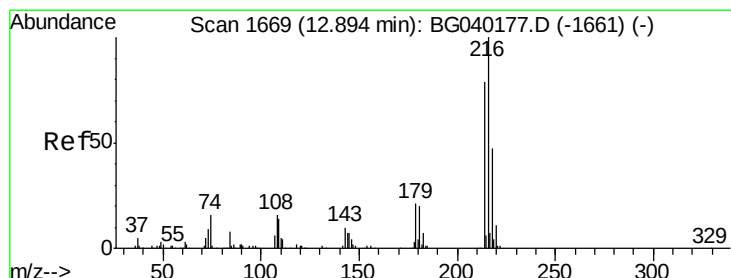
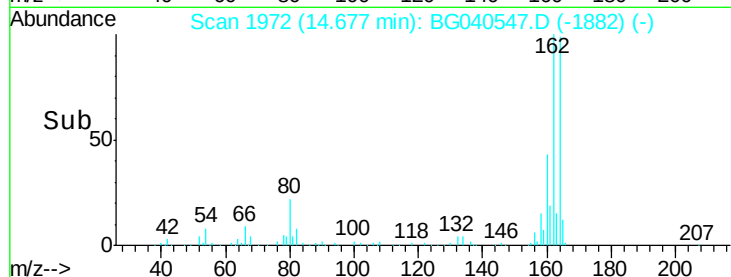
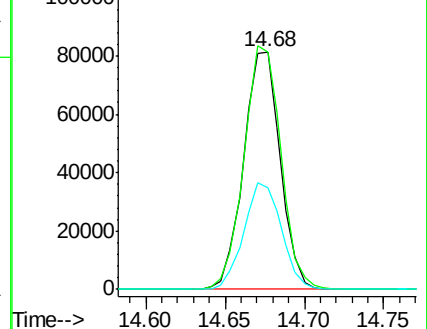
160 42.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.236 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Tgt Ion:216 Resp: 149988

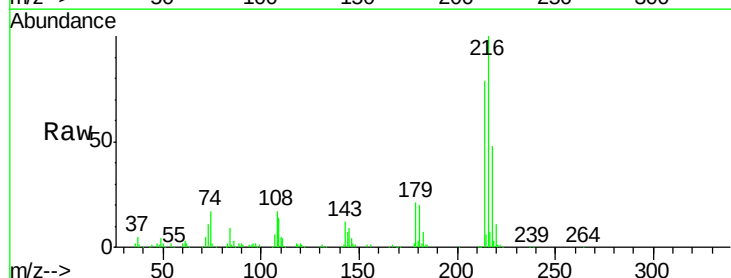
Ion Ratio Lower Upper

216 100

214 79.9 63.5 95.3

179 21.1 16.6 25.0

108 19.1 13.8 20.8

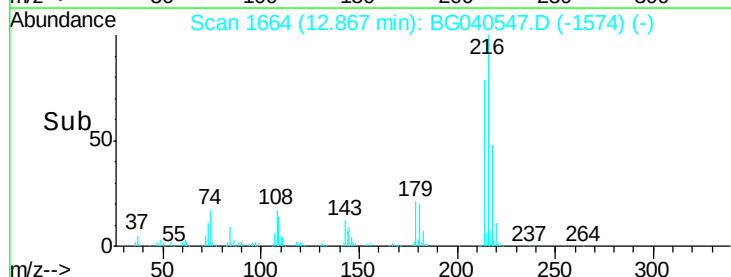
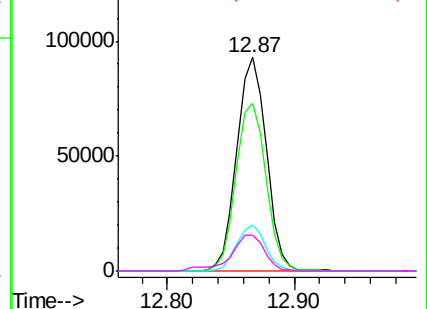


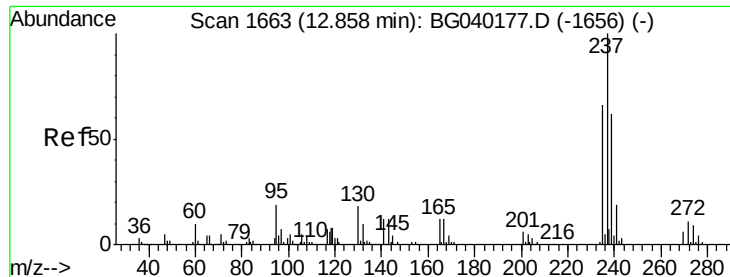
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.470 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

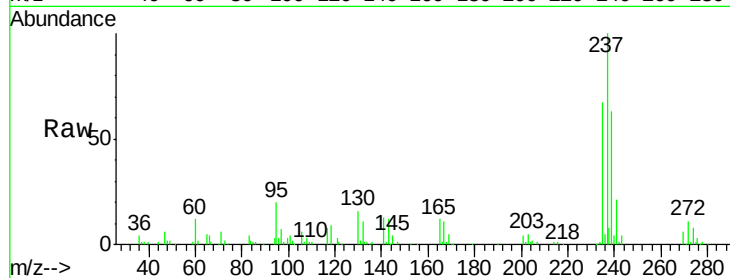
Tot Ion:237 Resp: 96523

Ion Ratio Lower Upper

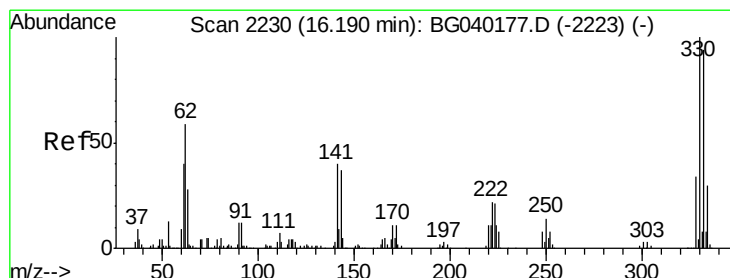
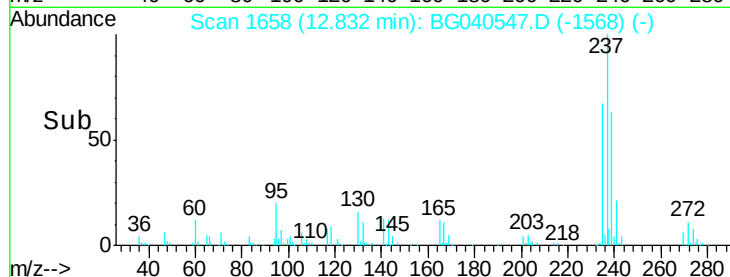
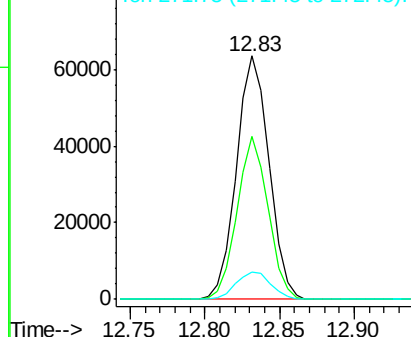
237 100

235 67.0 46.2 86.2

272 11.4 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: 81.664 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

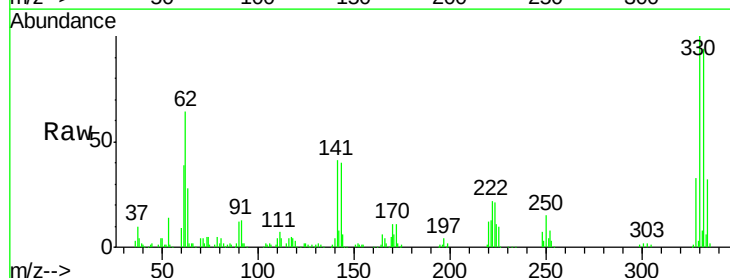
Tgt Ion:330 Resp: 114939

Ion Ratio Lower Upper

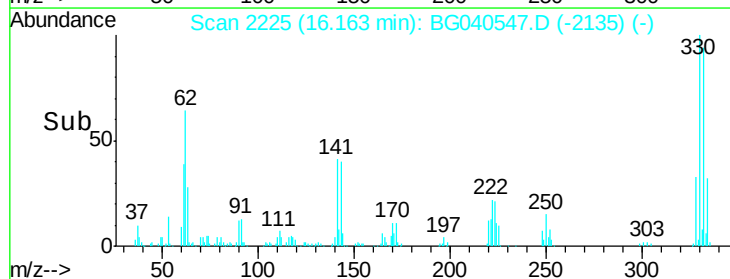
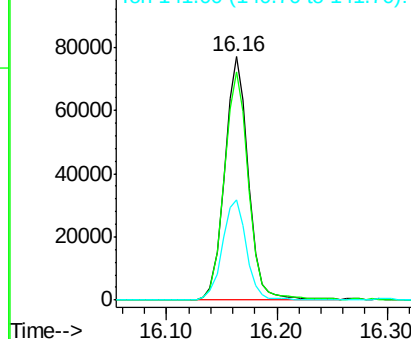
330 100

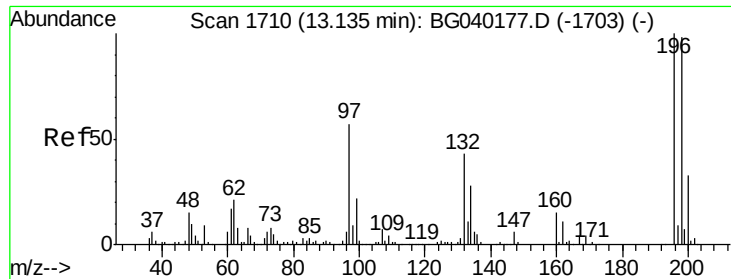
332 96.1 76.6 115.0

141 41.9 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

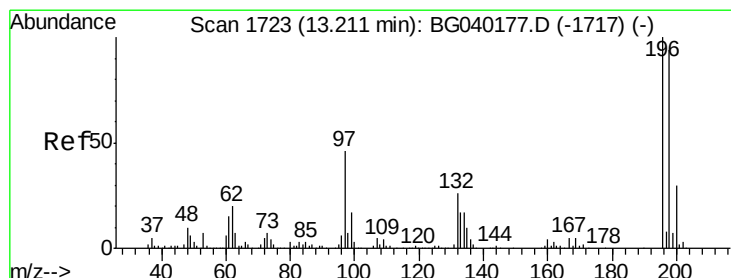
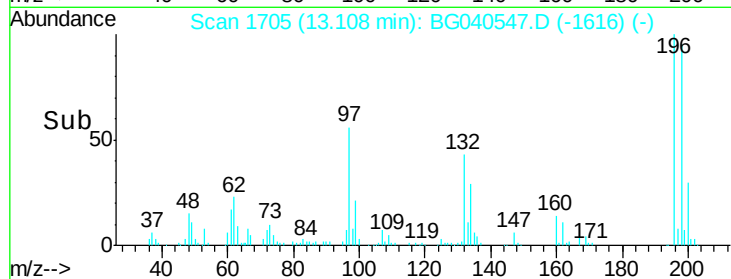
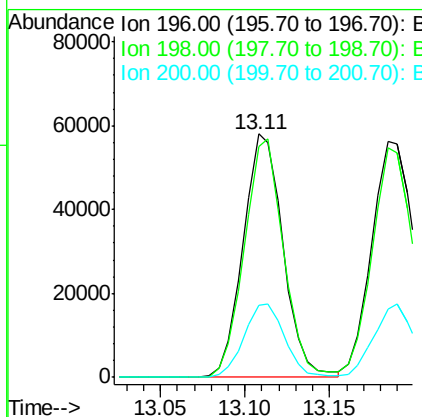
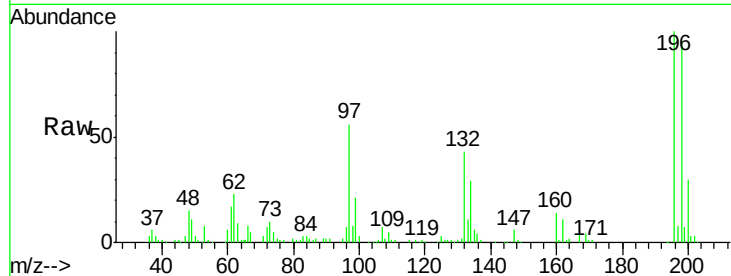




#43
 2,4,6-Trichlorophenol
 Concen: 35.819 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

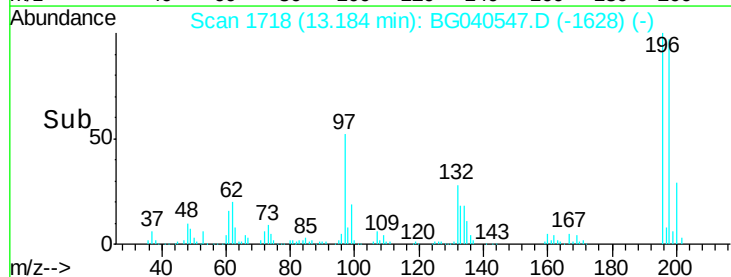
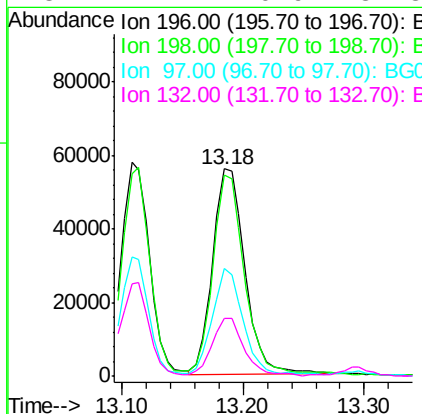
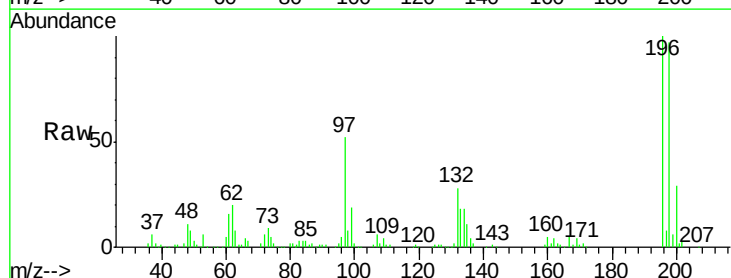
Instrument :
 BNA_G
 ClientSampled :

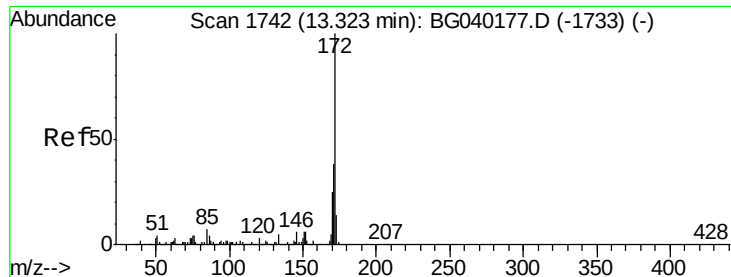
Tot Ion:196 Resp: 95588
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.3 117.5
 200 29.6 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 35.477 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:196 Resp: 103195
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.0 112.6
 97 52.0 37.3 55.9
 132 27.7 20.9 31.3

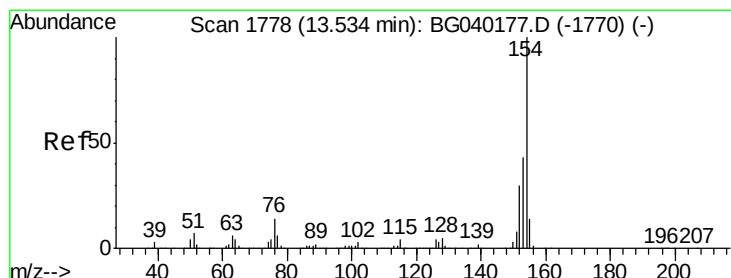
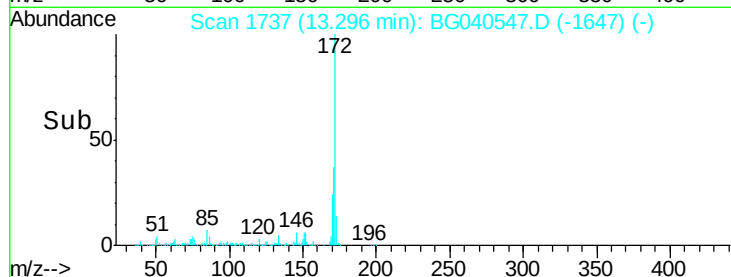
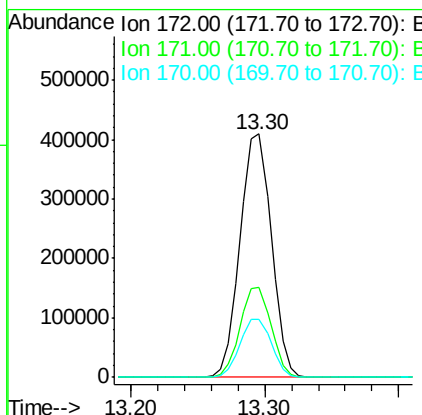
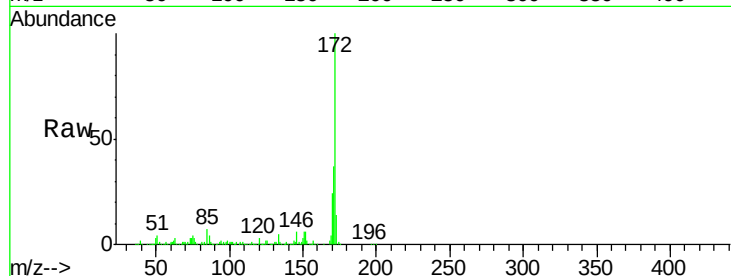




#45
2-Fluorobiphenyl
Concen: 75.908 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

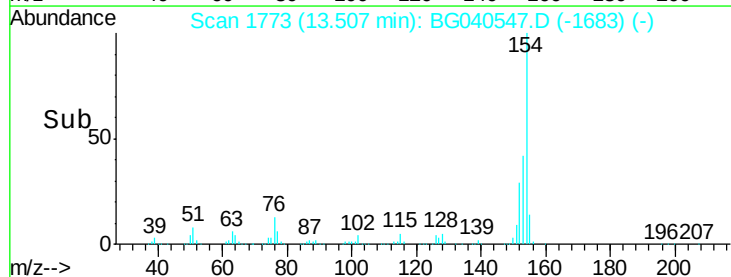
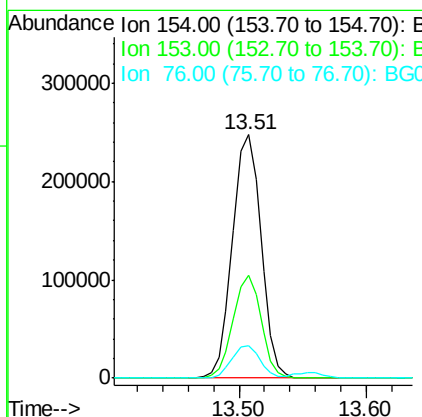
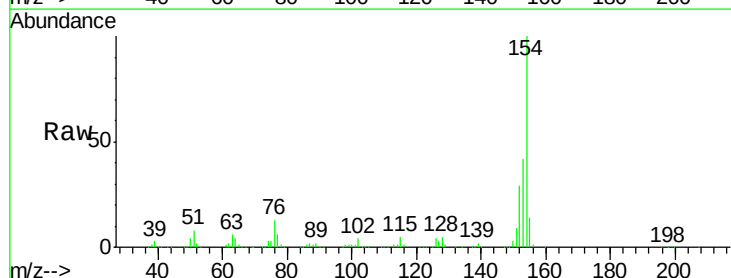
Instrument :
BNA_G
ClientSampleId :

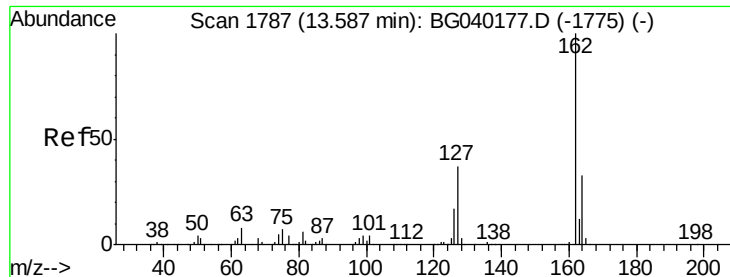
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.0	20.1	30.1



#46
1,1'-Biphenyl
Concen: 37.676 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.3	22.5	62.5
76	13.4	0.0	33.7

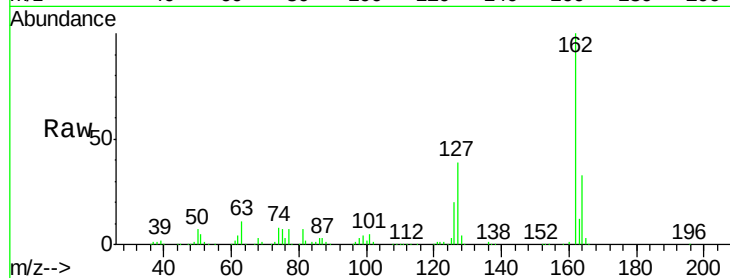




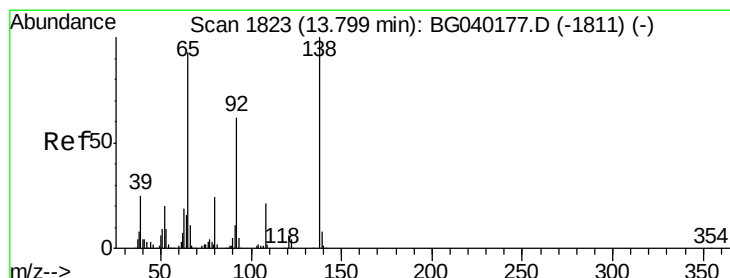
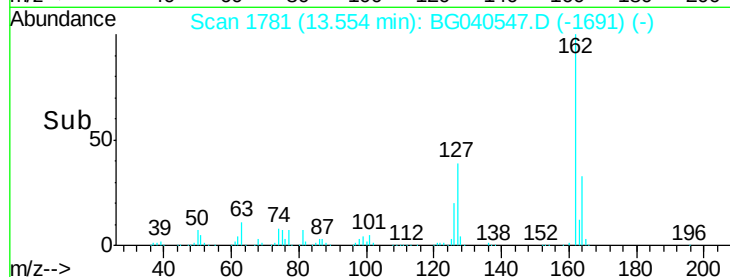
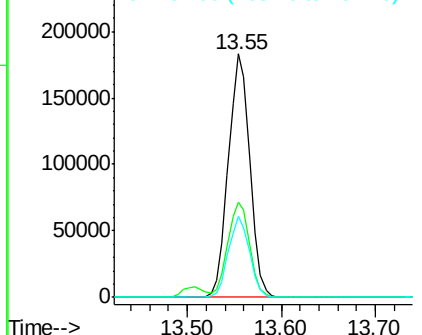
#47
 2-Chloronaphthalene
 Concen: 36.701 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.6	45.8
164	33.4	26.2	39.4

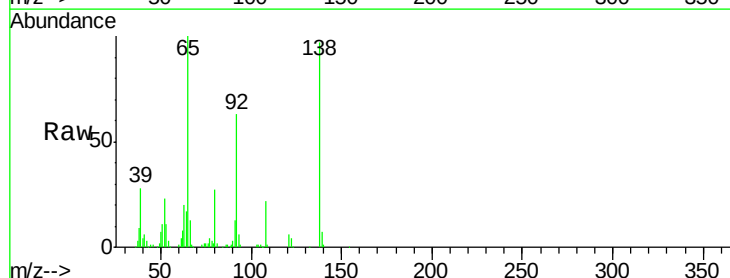


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

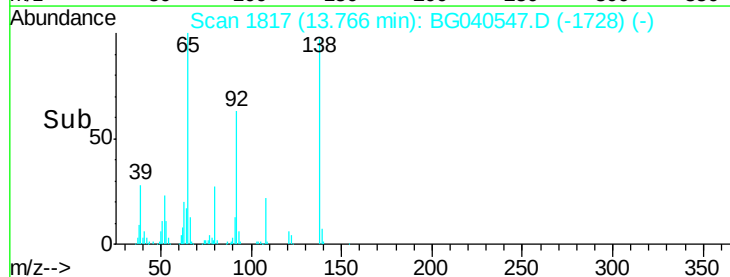
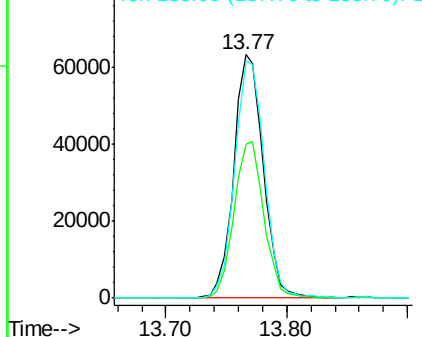


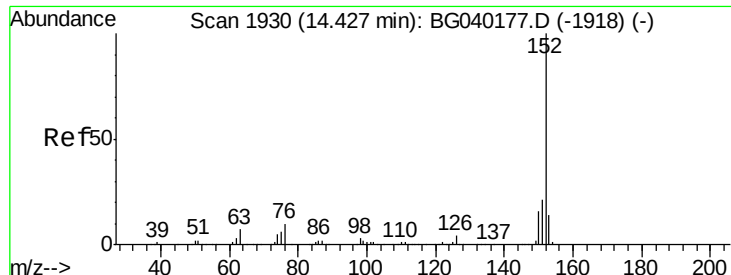
#48
 2-Nitroaniline
 Concen: 40.495 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	53.8	80.6
138	97.5	86.3	129.5



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





#49

Acenaphthylene

Concen: 38.861 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

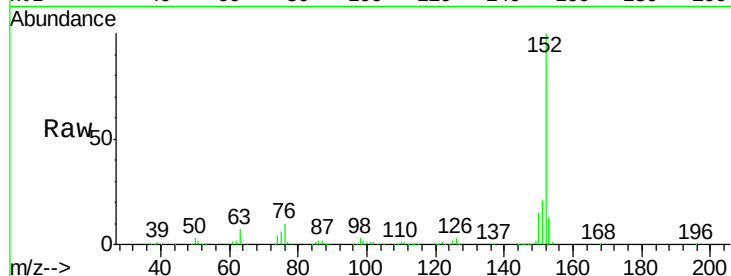
Tot Ion:152 Resp: 520057

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.6

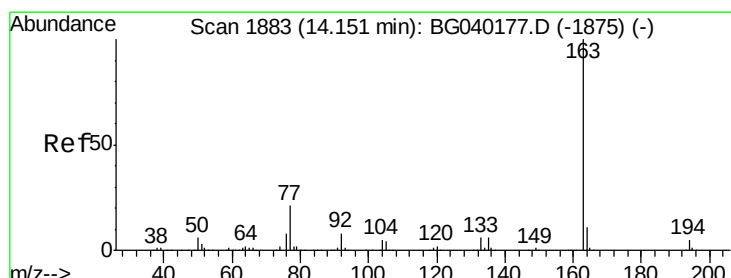
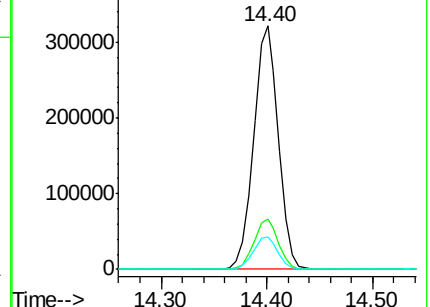
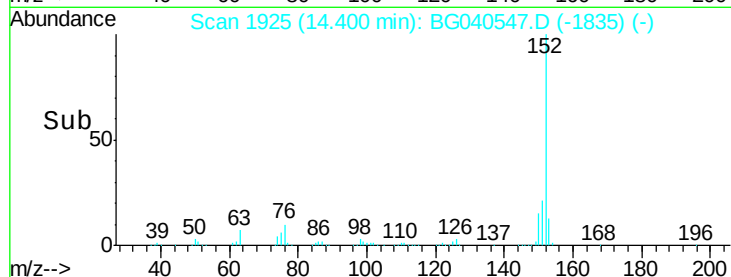
153 13.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.808 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

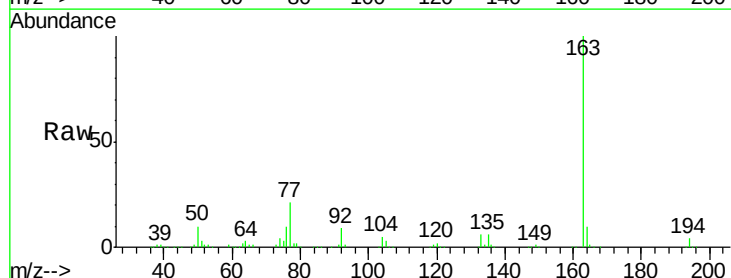
Tgt Ion:163 Resp: 405741

Ion Ratio Lower Upper

163 100

194 4.0 4.1 6.1#

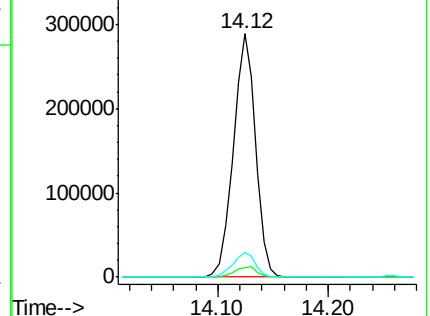
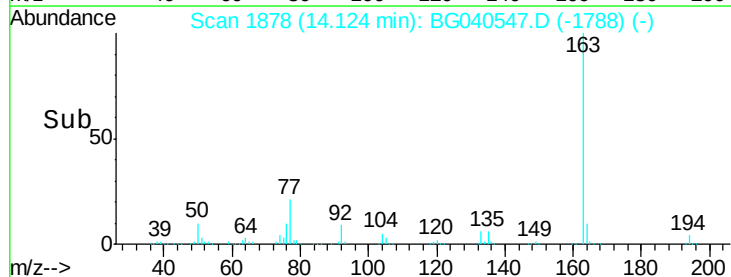
164 10.0 8.6 13.0

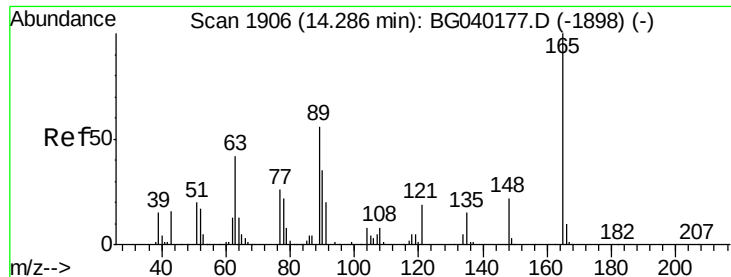


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

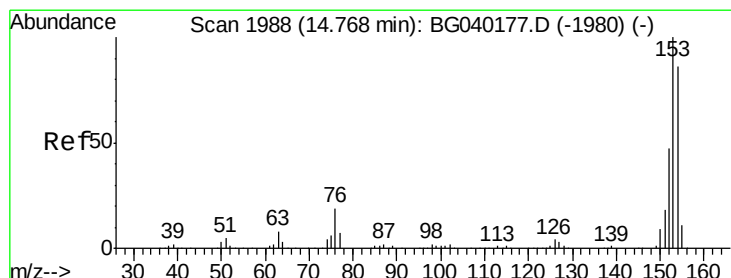
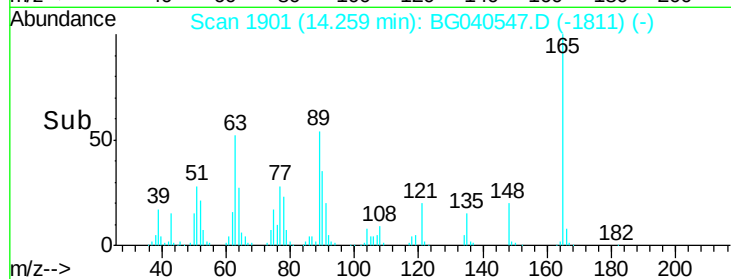
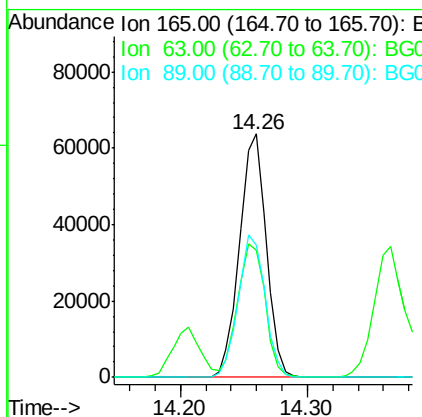
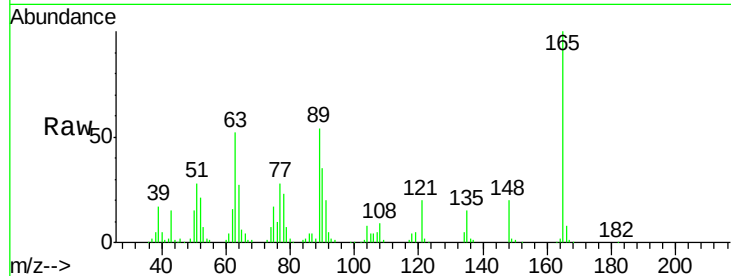




#51
 2,6-Dinitrotoluene
 Concen: 40.656 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

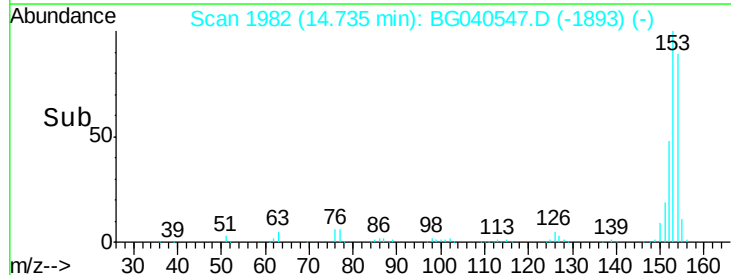
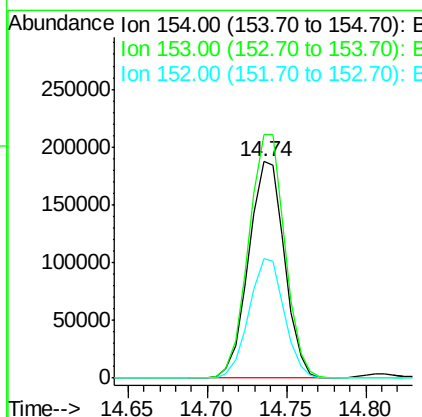
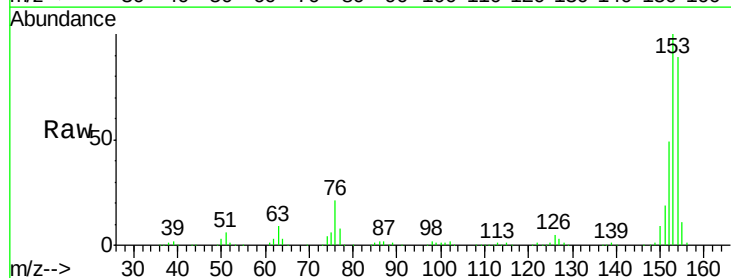
Instrument :
 BNA_G
 ClientSampleId :

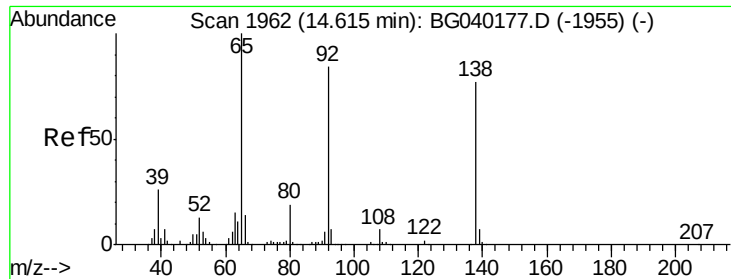
Tot Ion:165 Resp: 93044
 Ion Ratio Lower Upper
 165 100
 63 52.3 44.1 66.1
 89 54.2 44.9 67.3



#52
 Acenaphthene
 Concen: 38.387 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:154 Resp: 294364
 Ion Ratio Lower Upper
 154 100
 153 112.5 92.8 139.2
 152 55.4 43.4 65.2





#53

3-Nitroaniline

Concen: 40.392 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

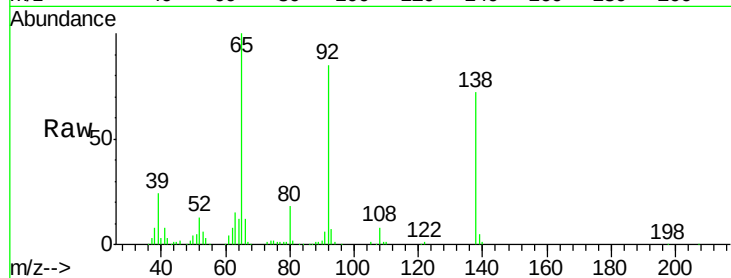
Tot Ion:138 Resp: 97850

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

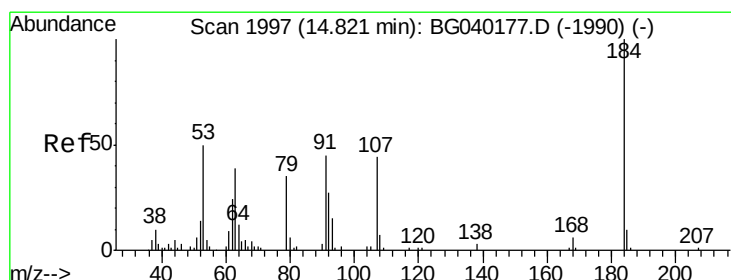
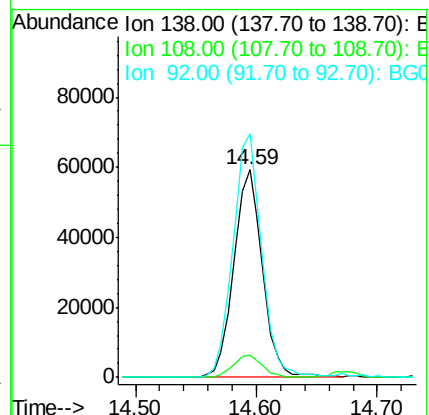
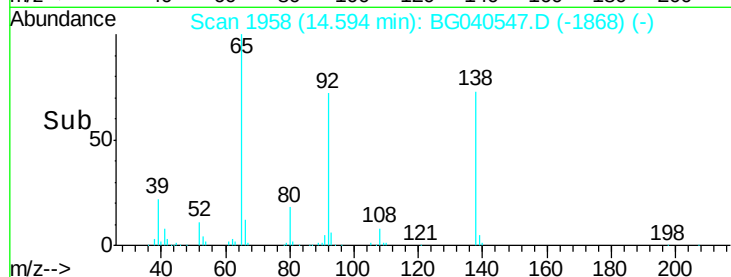
92 117.4 87.5 131.3



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): B



#54

2,4-Dinitrophenol

Concen: 10.571 ng

RT: 14.81 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

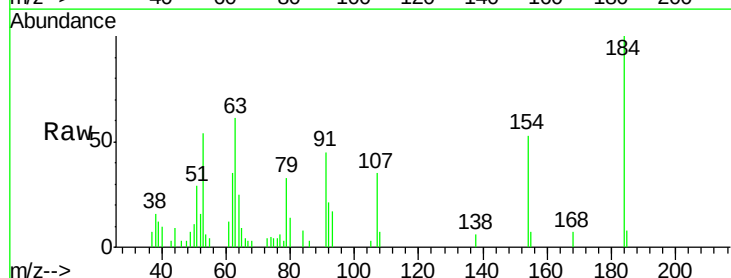
Tgt Ion:184 Resp: 12866

Ion Ratio Lower Upper

184 100

63 60.6 51.8 77.8

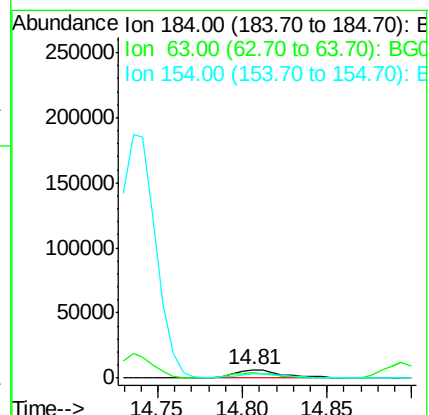
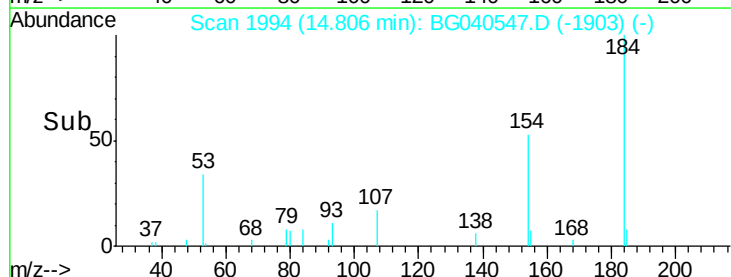
154 53.2 50.9 76.3

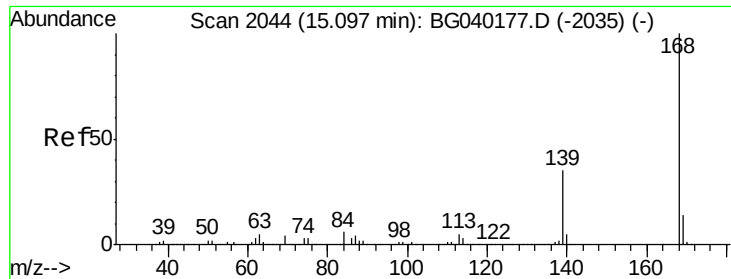


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

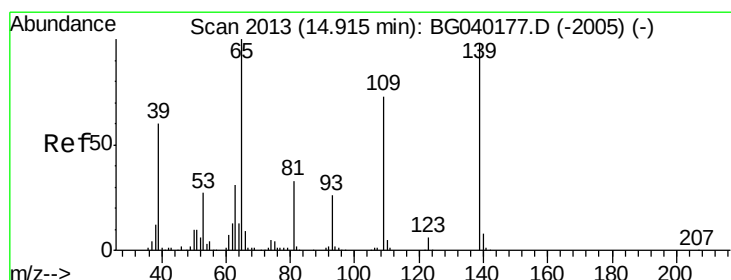
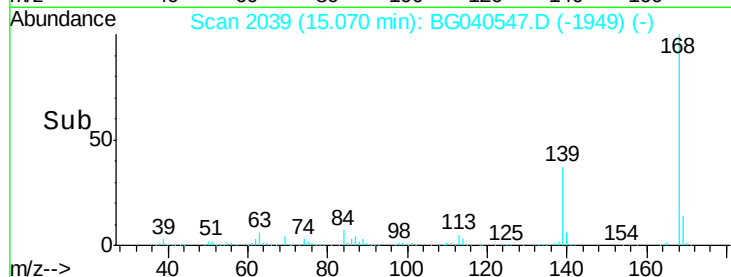
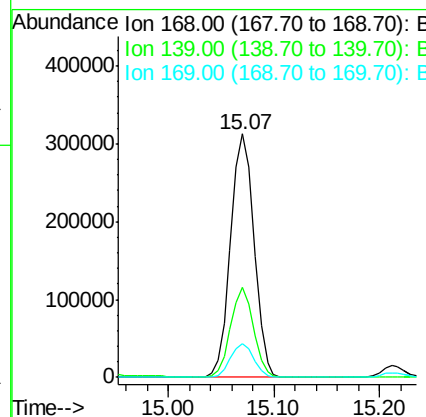
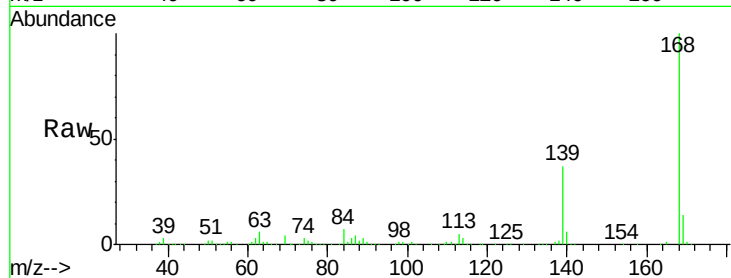




#55
Dibenzenofuran
Concen: 39.038 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

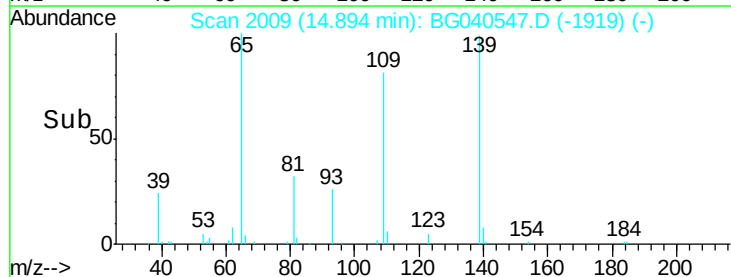
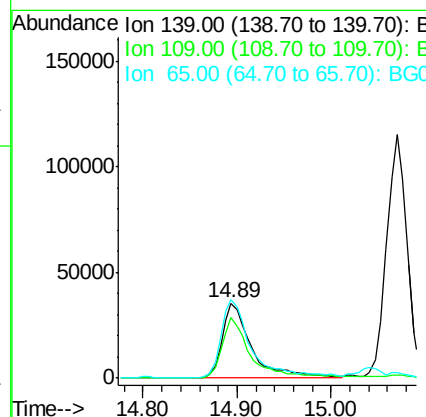
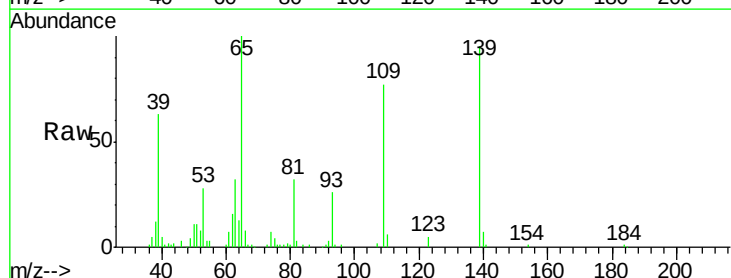
Instrument :
BNA_G
ClientSampleId :

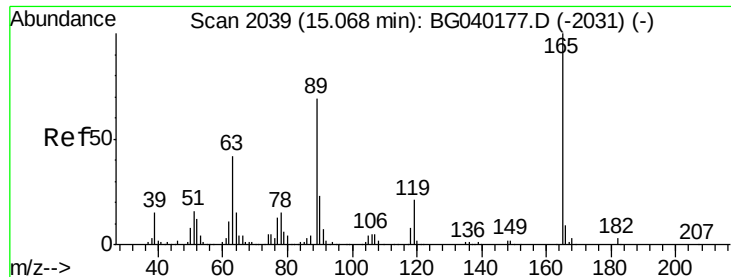
Tot Ion:168 Resp: 481031
Ion Ratio Lower Upper
168 100
139 36.9 27.9 41.9
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 39.715 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion:139 Resp: 77650
Ion Ratio Lower Upper
139 100
109 81.5 54.3 94.3
65 105.2 82.5 122.5

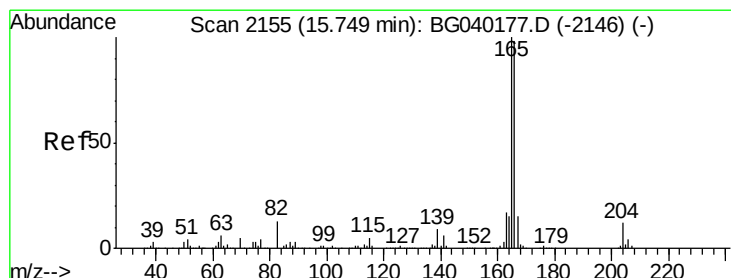
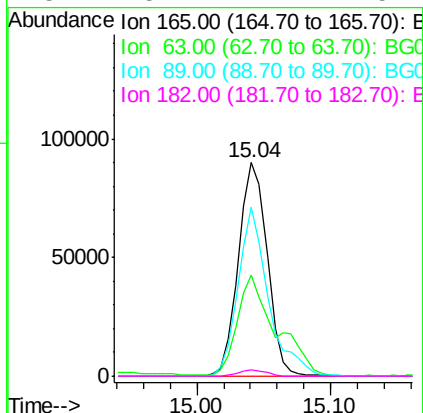
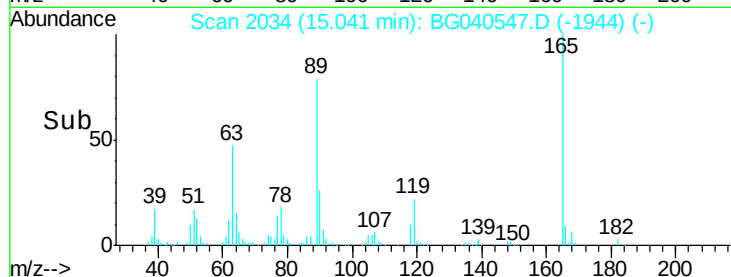
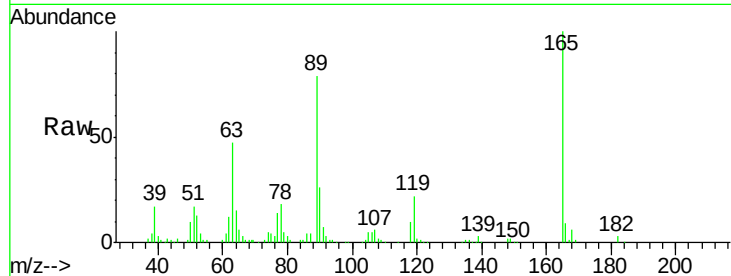




#57
2,4-Dinitrotoluene
Concen: 42.304 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

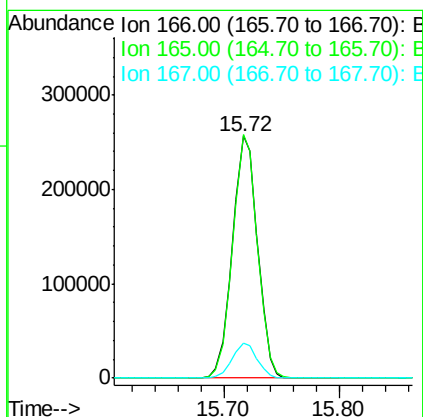
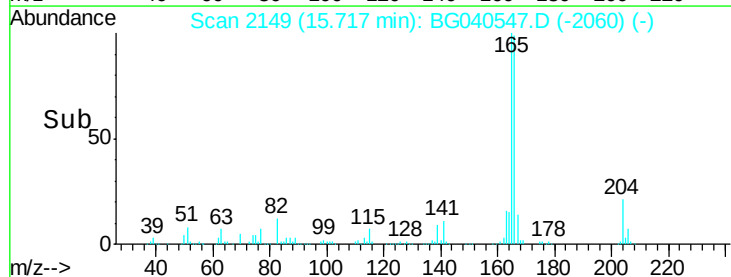
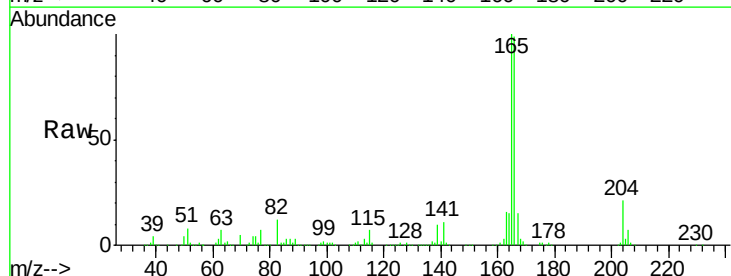
Instrument :
BNA_G
ClientSampled :

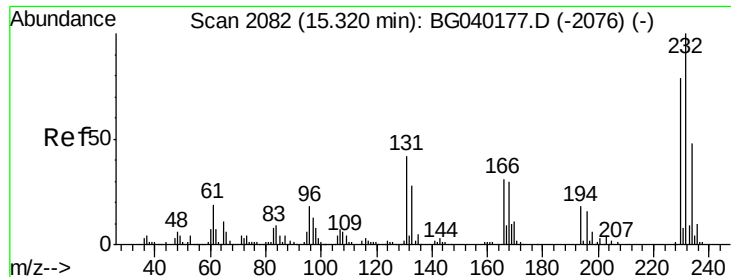
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	33.8	50.6
89	79.2	55.4	83.2
182	3.1	2.2	3.4



#58
Fluorene
Concen: 39.892 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	81.7	122.5
167	14.6	11.9	17.9

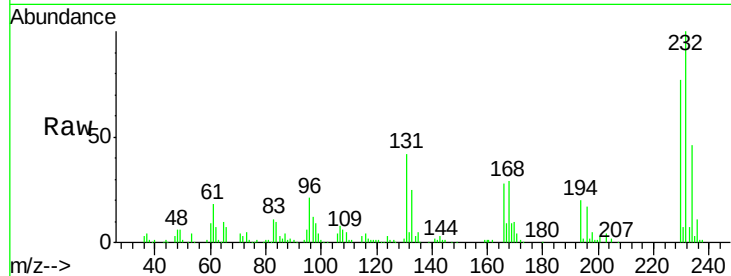




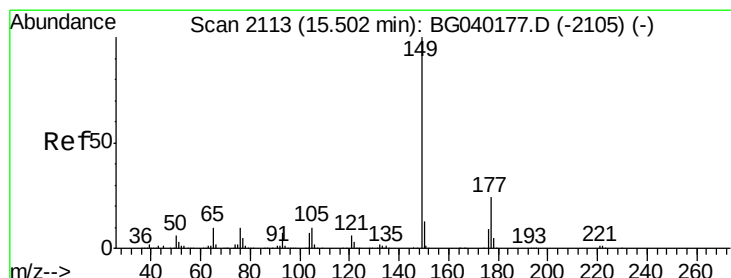
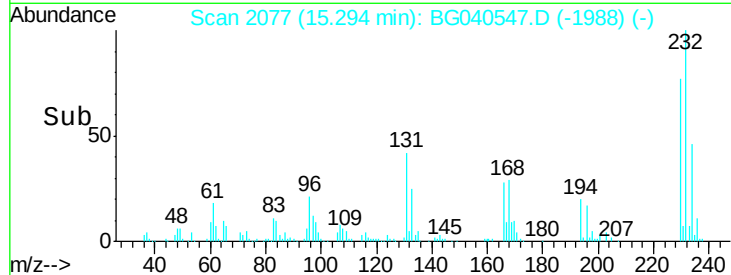
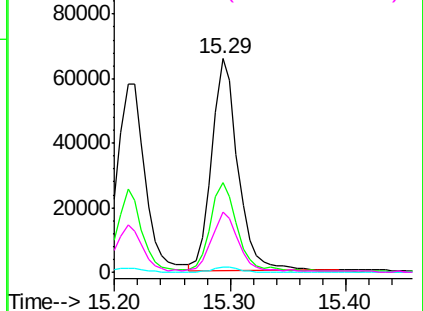
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.525 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	104330
Ion Ratio	Lower	Upper
232	100	
131	43.4	32.9 49.3
130	2.4	1.8 2.8
166	28.0	23.5 35.3

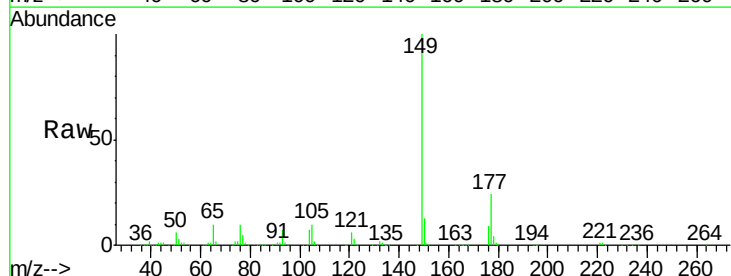


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

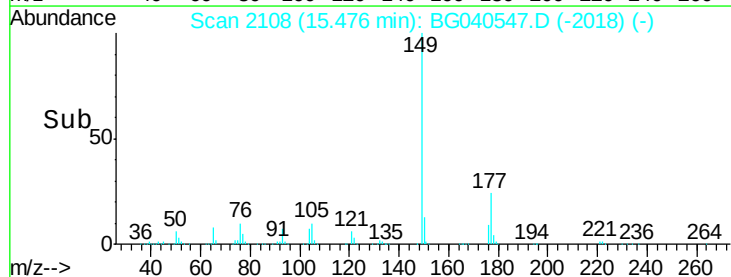
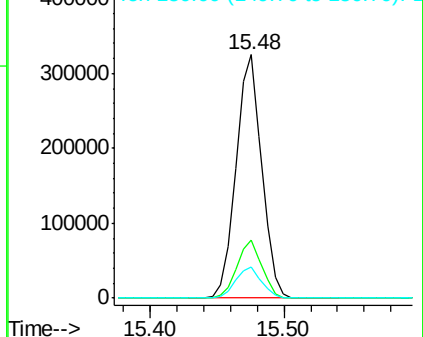


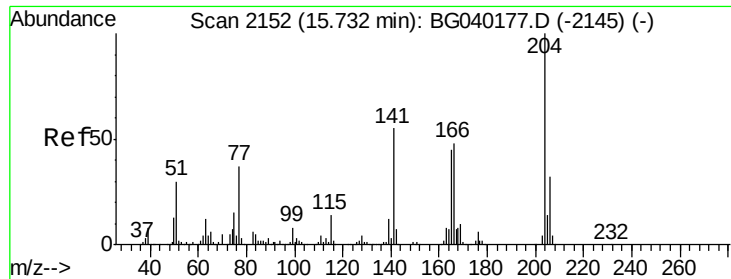
#60
 Diethylphthalate
 Concen: 41.377 ng
 RT: 15.48 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:149	Resp:	431558
Ion Ratio	Lower	Upper
149	100	
177	23.7	19.1 28.7
150	12.9	10.6 15.8



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

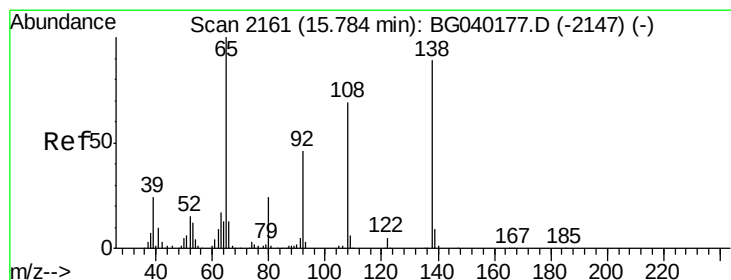
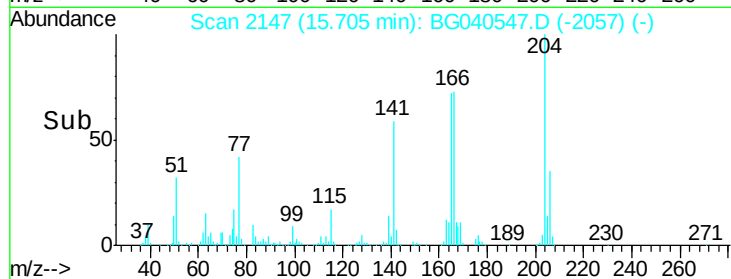
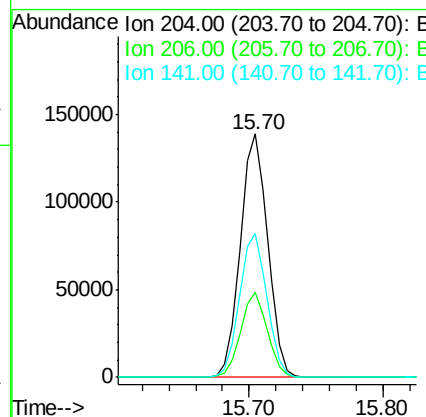
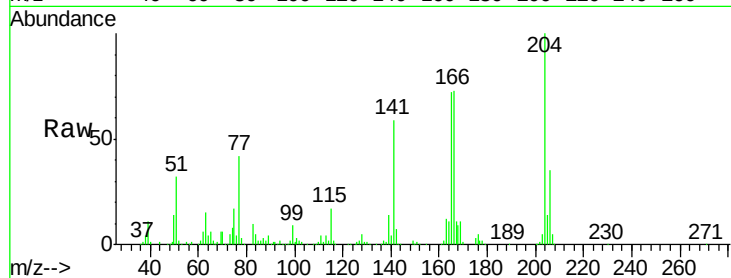




#61
 4-Chlorophenyl-phenylether
 Concen: 38.073 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

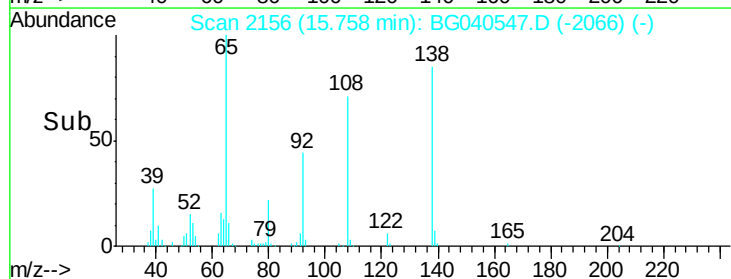
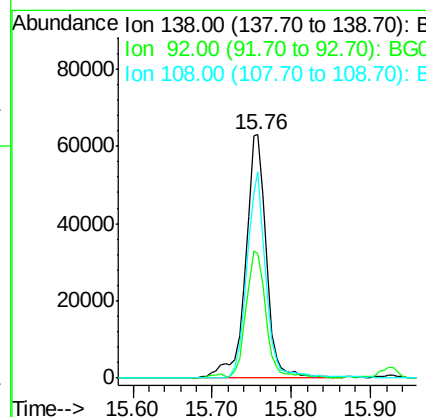
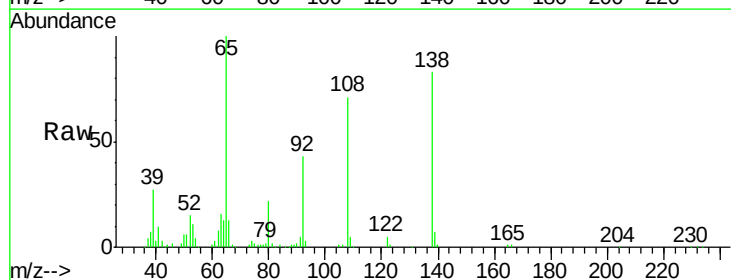
Instrument :
 BNA_G
 ClientSampleId :

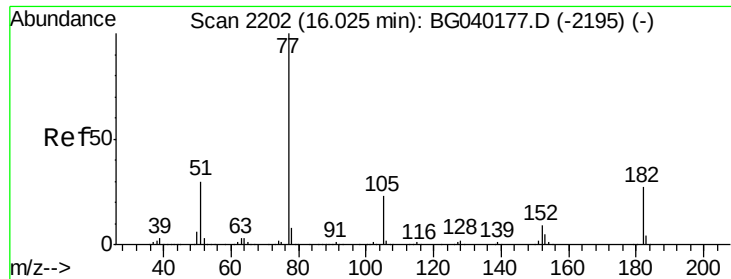
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	25.7	38.5
141	59.2	44.0	66.0



#62
 4-Nitroaniline
 Concen: 43.951 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.8	71.8
108	84.9	57.2	97.2

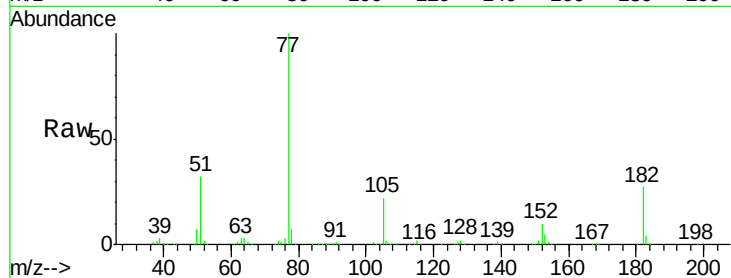




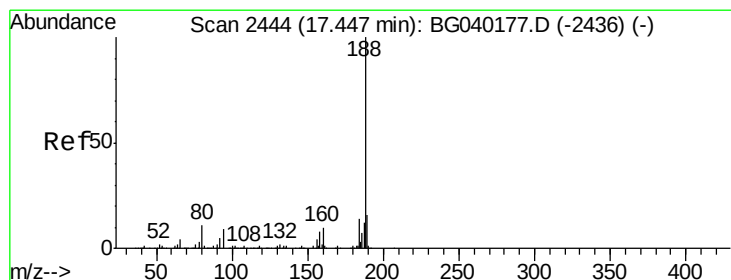
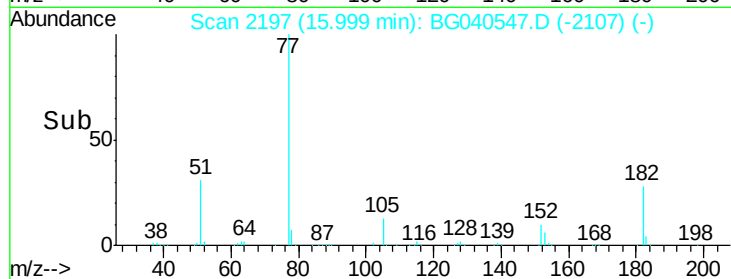
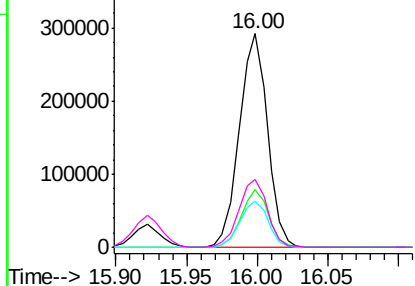
#63
Azobenzene
Concen: 41.190 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 405223
Ion Ratio Lower Upper
77 100
182 26.8 7.2 47.2
105 21.5 2.8 42.8
51 32.0 10.4 50.4

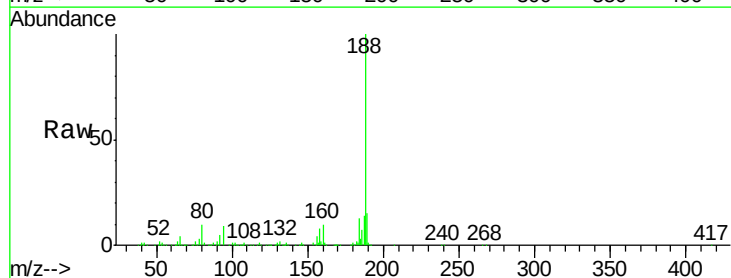


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

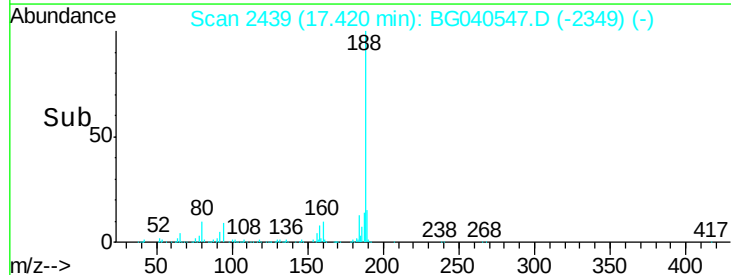
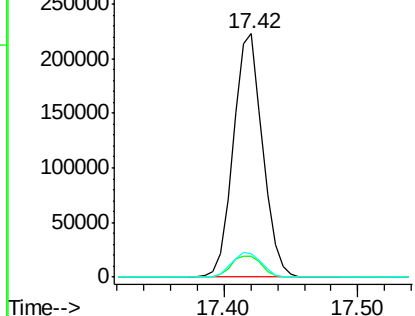


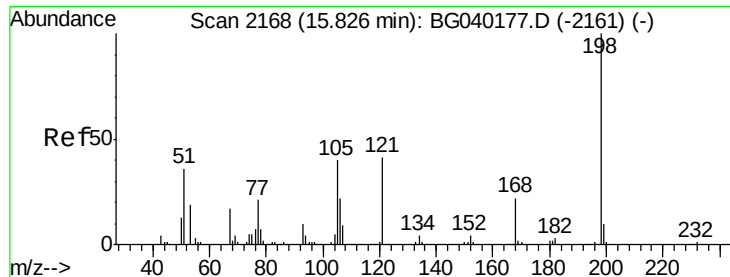
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion: 188 Resp: 337681
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.7 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 20.330 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

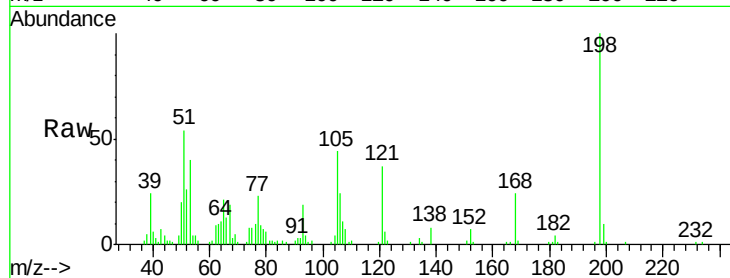
Tot Ion:198 Resp: 38569

Ion Ratio Lower Upper

198 100

51 53.6 27.3 67.3

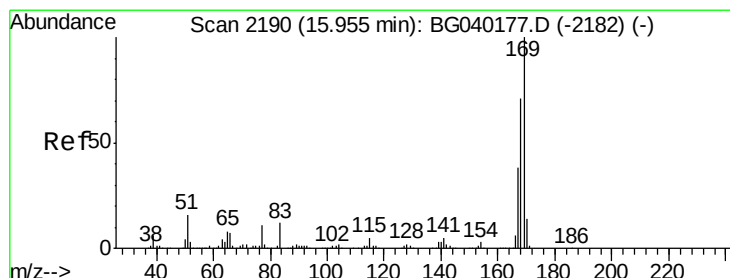
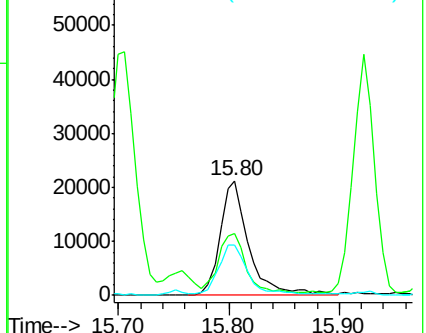
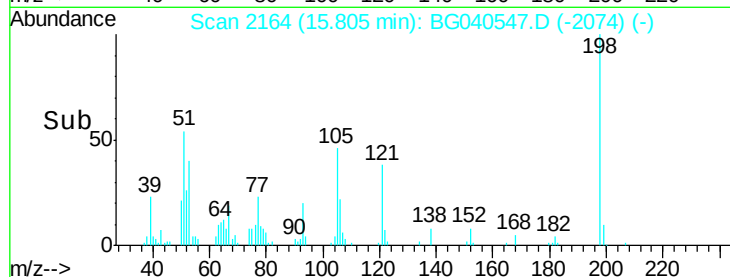
105 43.9 21.7 61.7



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: 36.385 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

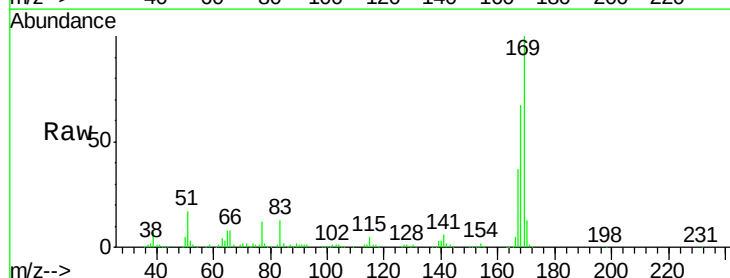
Tgt Ion:169 Resp: 359541

Ion Ratio Lower Upper

169 100

168 67.1 56.8 85.2

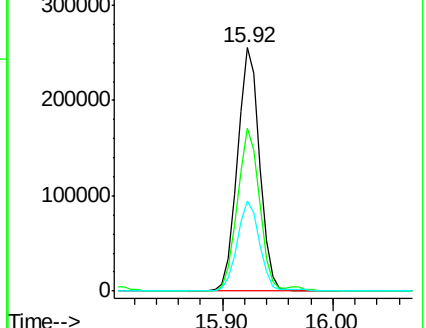
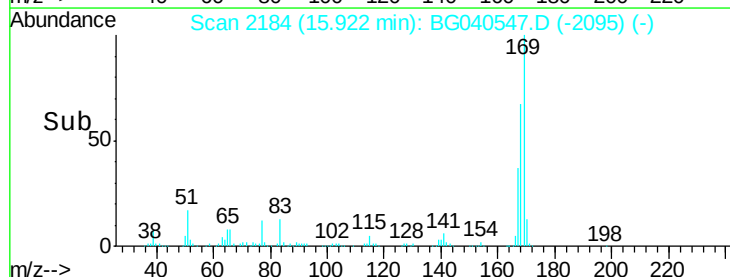
167 37.0 30.2 45.4

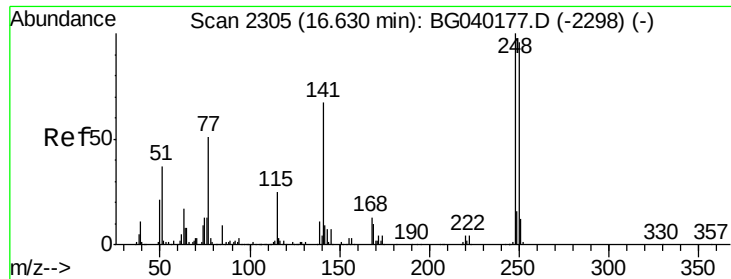


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

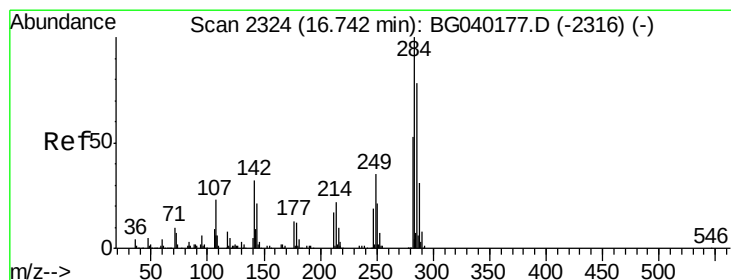
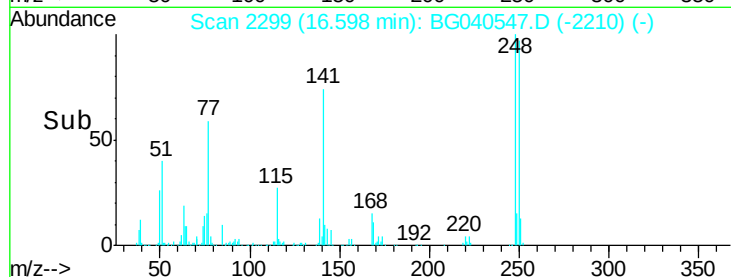
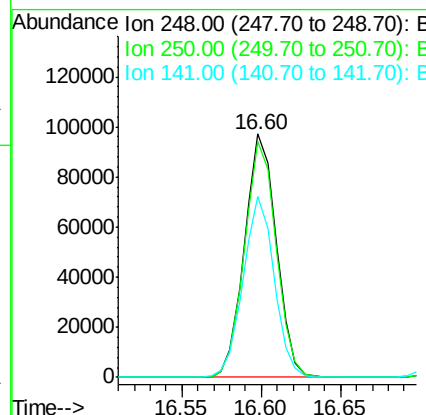
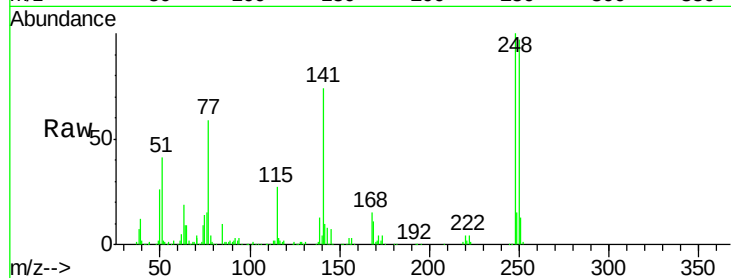




#67
 4-Bromophenyl-phenylether
 Concen: 35.532 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

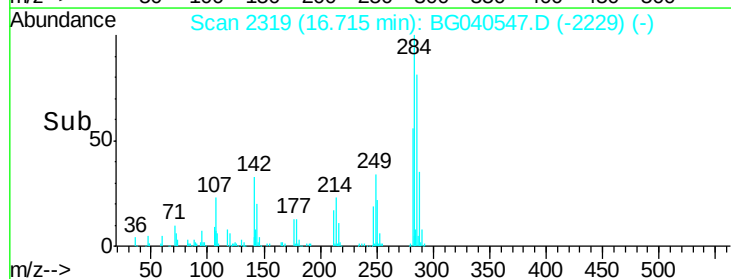
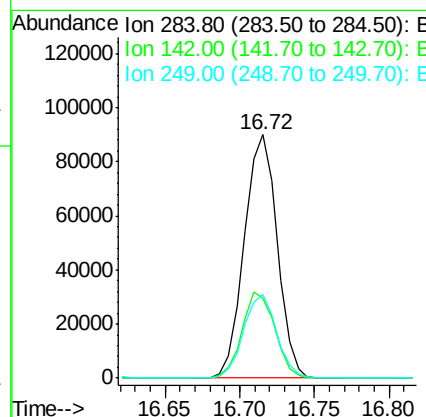
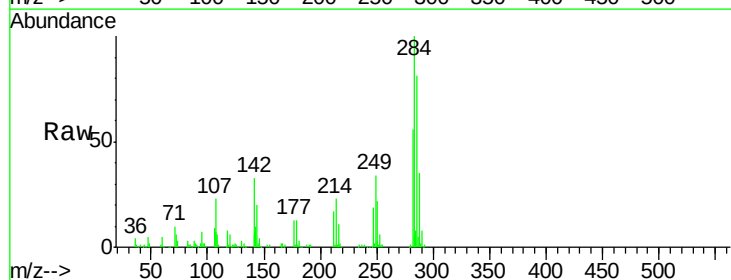
Instrument :
 BNA_G
 ClientSampleId :

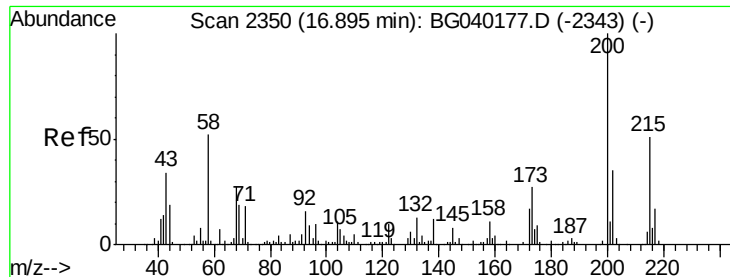
Tot Ion:248 Resp: 135024
 Ion Ratio Lower Upper
 248 100
 250 96.8 76.4 114.6
 141 74.3 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 35.921 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:284 Resp: 137246
 Ion Ratio Lower Upper
 284 100
 142 33.0 25.3 37.9
 249 34.2 28.2 42.2





#69

Atrazine

Concen: 35.958 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

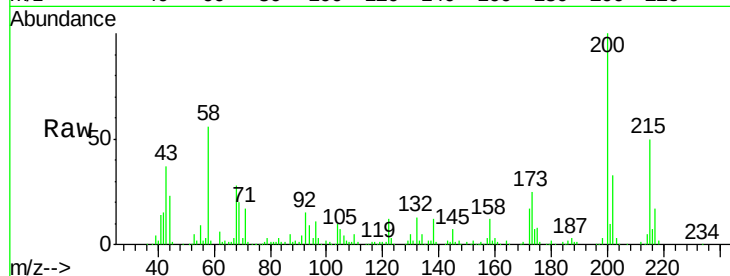
Tot Ion:200 Resp: 132176

Ion Ratio Lower Upper

200 100

173 25.2 7.1 47.1

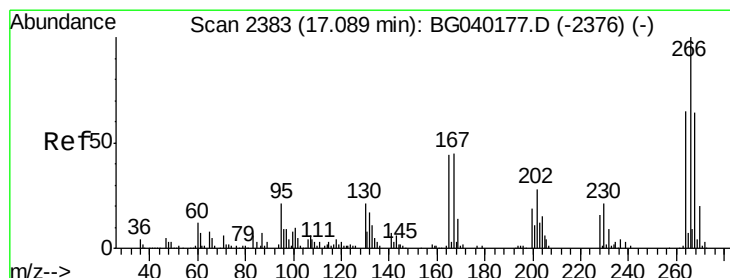
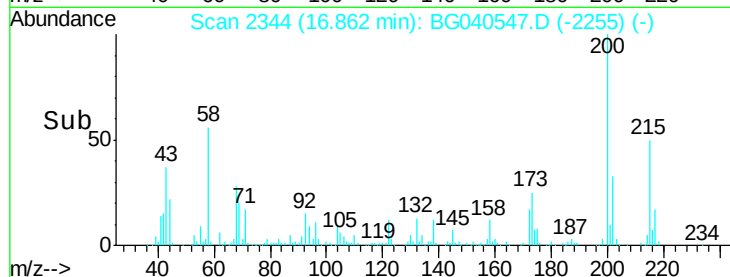
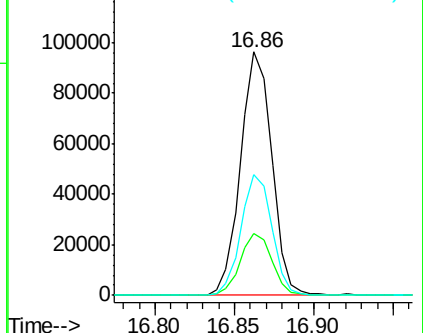
215 49.7 30.9 70.9



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: 30.699 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

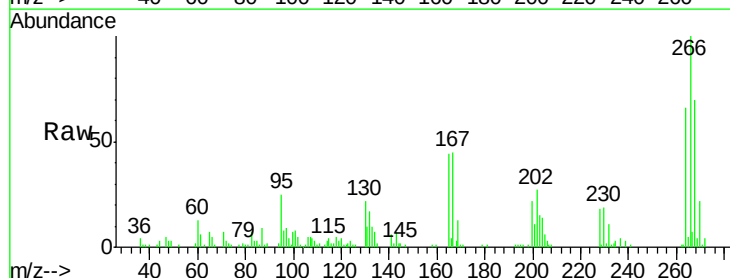
Tgt Ion:266 Resp: 67812

Ion Ratio Lower Upper

266 100

268 73.7 55.0 82.4

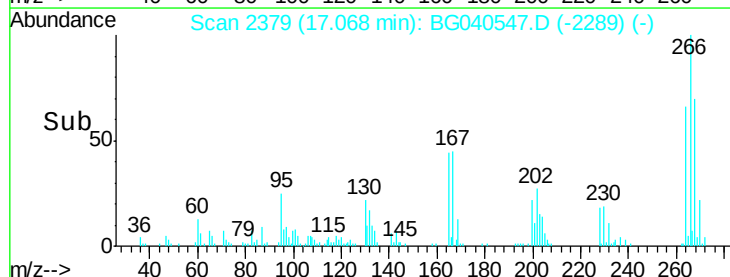
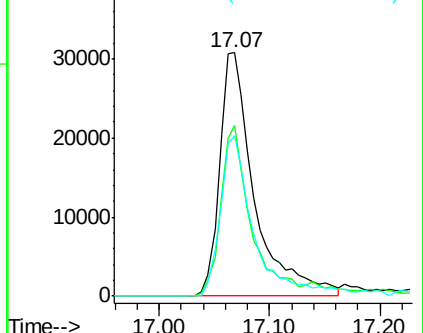
264 66.1 51.8 77.8

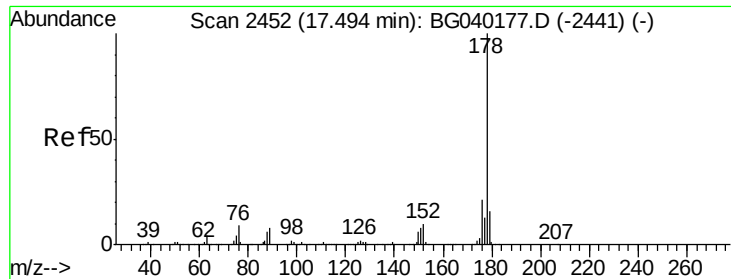


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.163 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

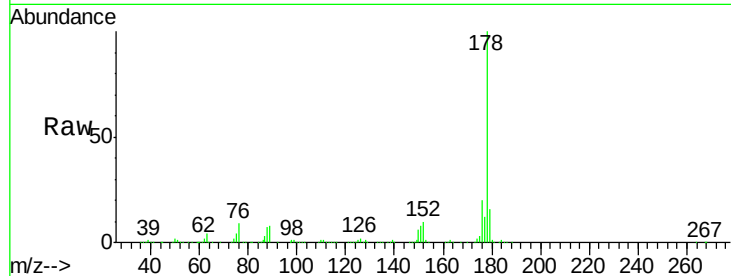
Tot Ion:178 Resp: 677354

Ion Ratio Lower Upper

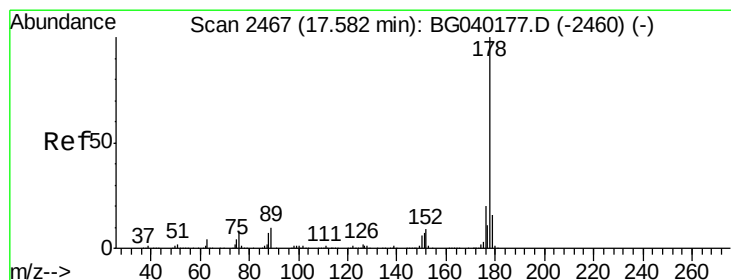
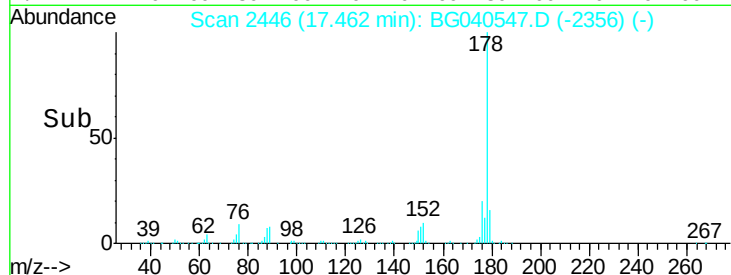
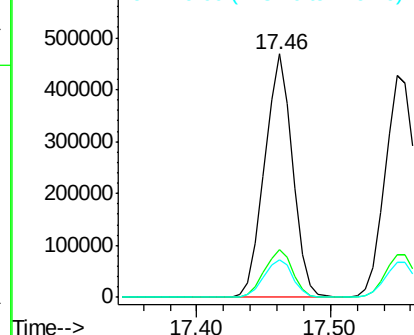
178 100

176 19.6 16.7 25.1

179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.734 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

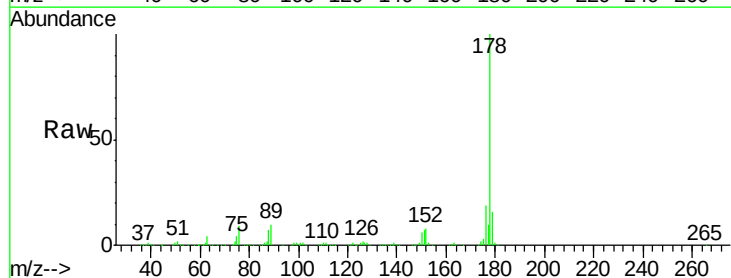
Tgt Ion:178 Resp: 670371

Ion Ratio Lower Upper

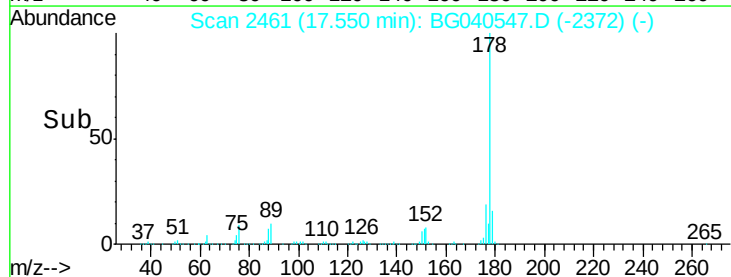
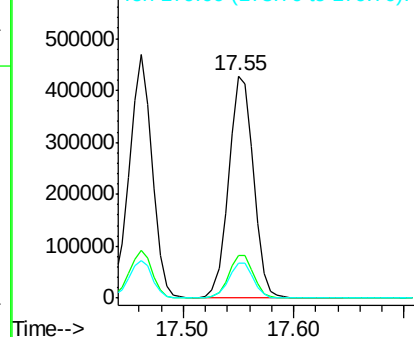
178 100

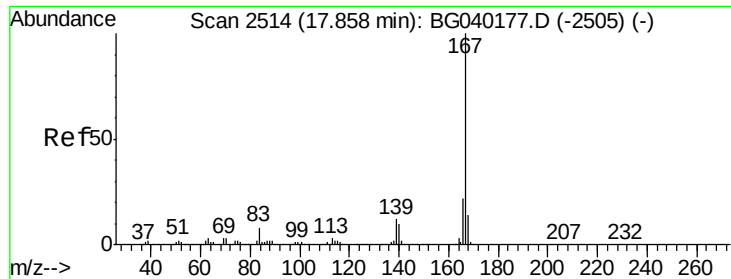
176 19.0 15.9 23.9

179 15.6 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

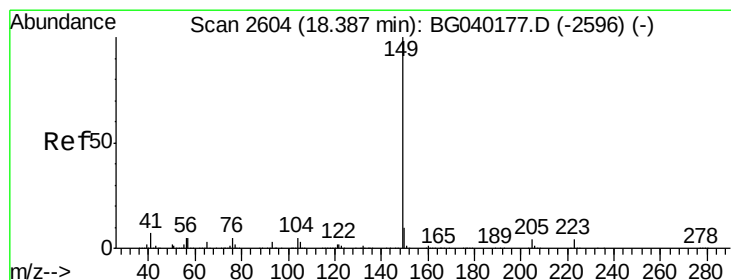
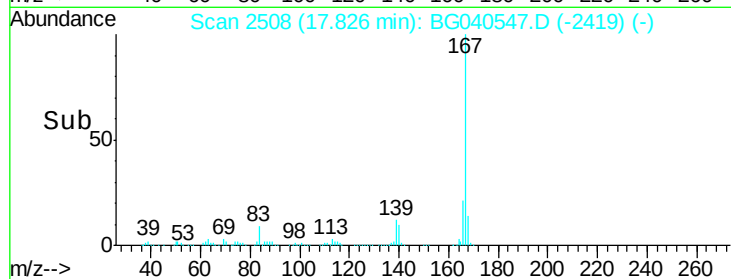
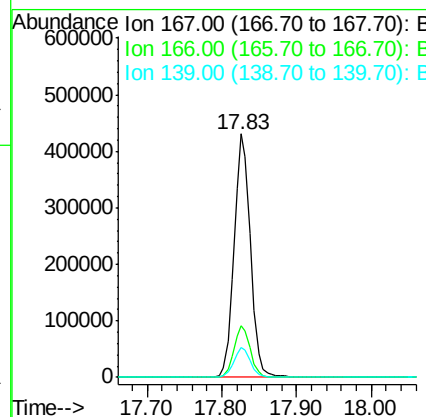
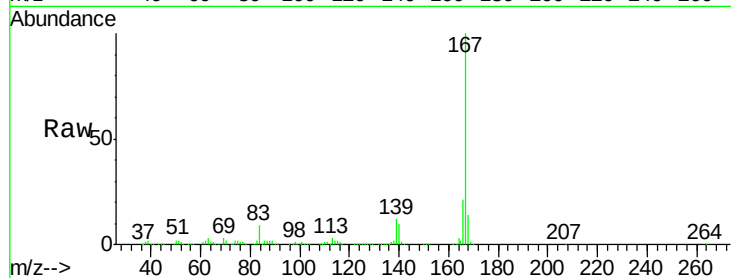




#73
 Carbazole
 Concen: 39.313 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

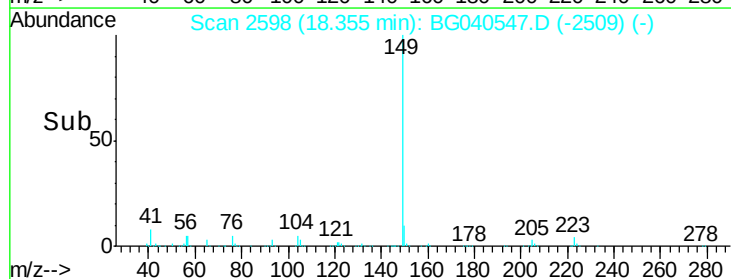
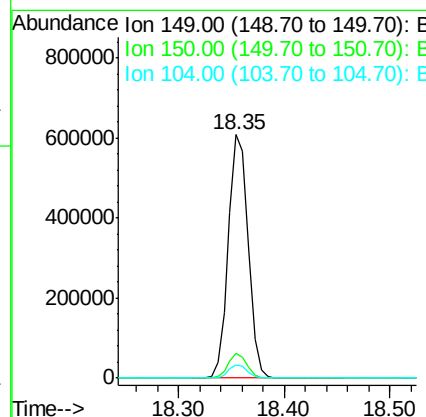
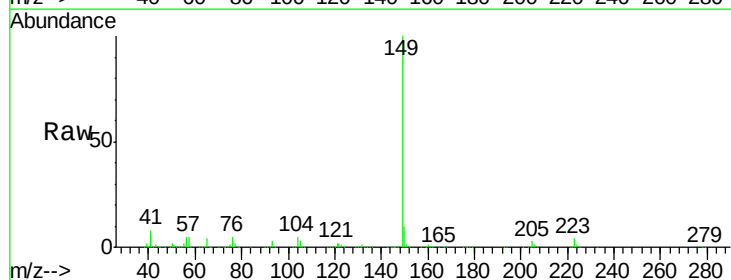
Instrument :
 BNA_G
 ClientSampleId :

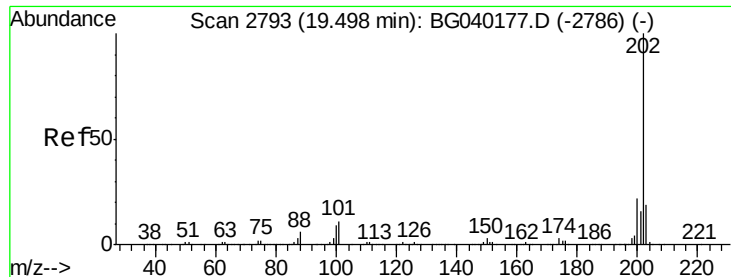
Tot Ion:167 Resp: 660974
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 12.2 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 39.657 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.01 min
 Lab File: BG040547.D
 Acq: 18 Apr 2019 2:34

Tgt Ion:149 Resp: 790337
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.9 11.9
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 39.875 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

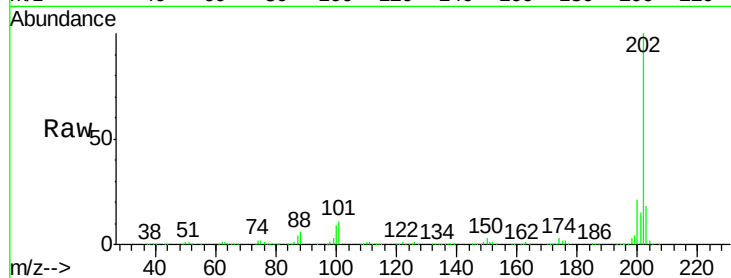
Tot Ion:202 Resp: 838053

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

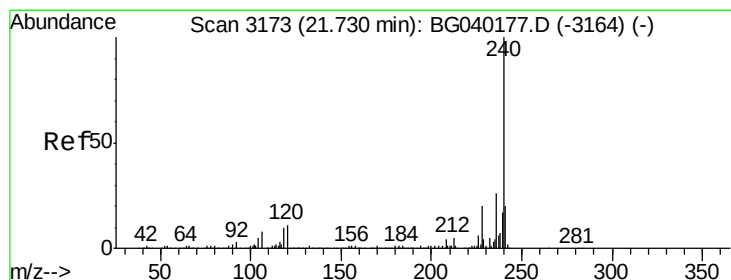
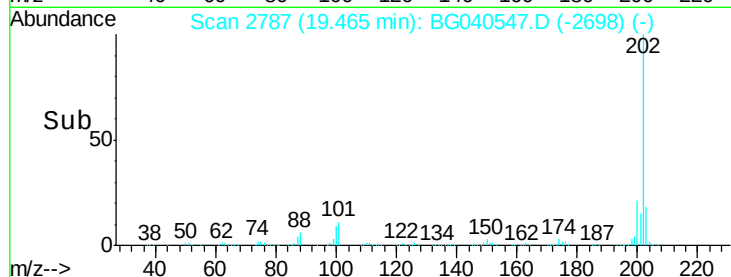
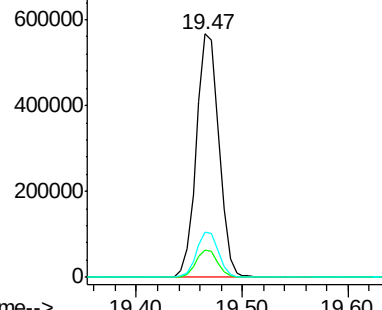
203 18.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

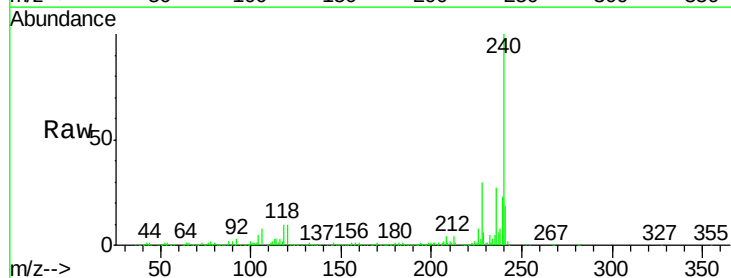
Tgt Ion:240 Resp: 327057

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

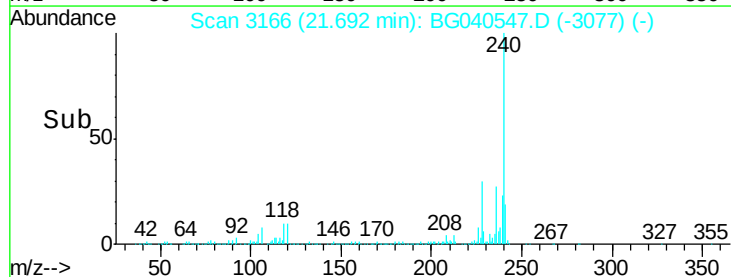
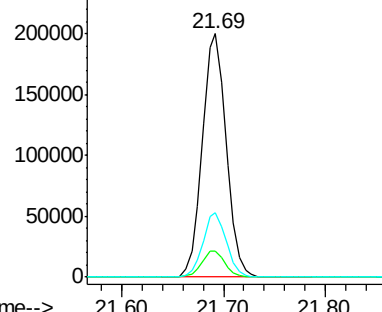
236 26.6 20.8 31.2

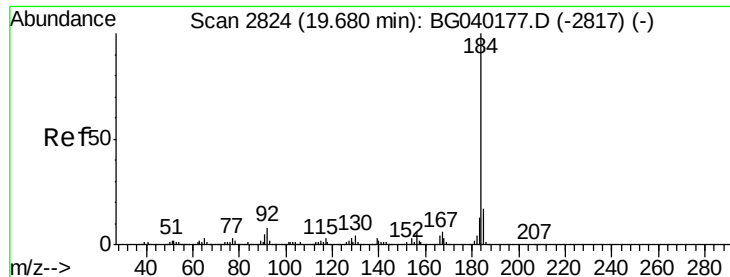


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.884 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

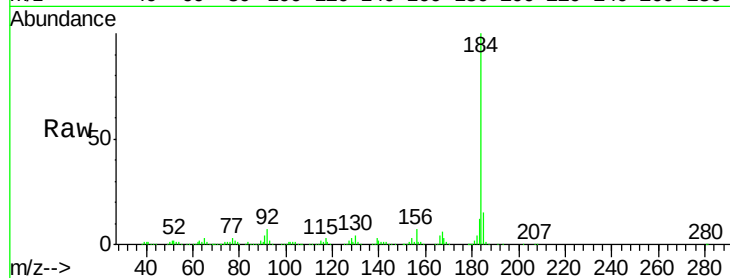
Tot Ion:184 Resp: 376565

Ion Ratio Lower Upper

184 100

185 15.1 13.3 19.9

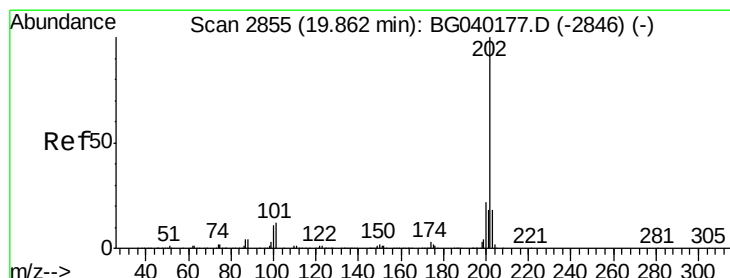
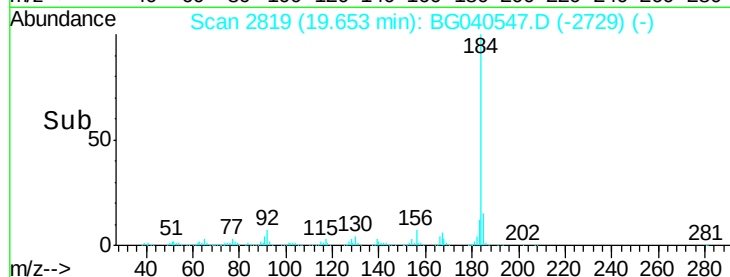
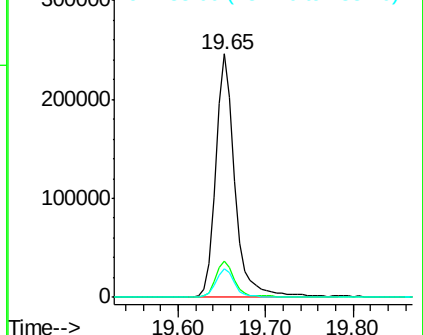
183 11.6 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.541 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

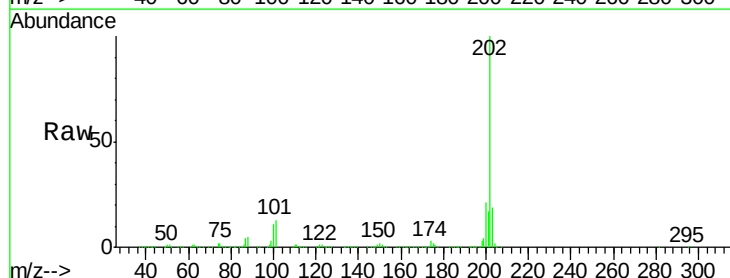
Tgt Ion:202 Resp: 850428

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

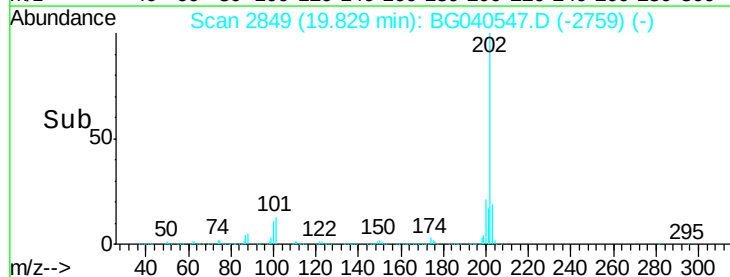
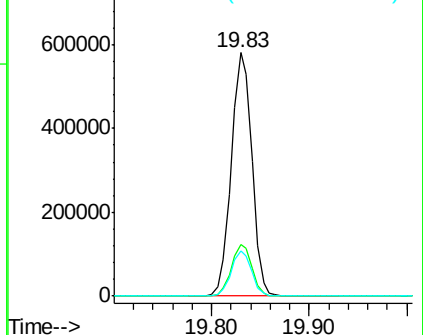
203 18.7 14.6 22.0

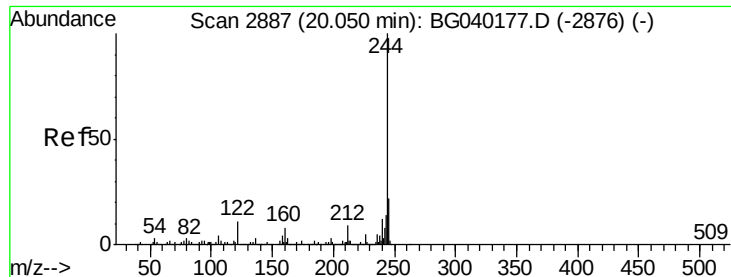


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.474 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampled :

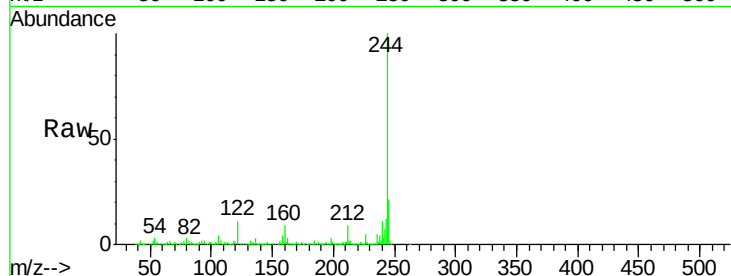
Tot Ion:244 Resp: 1126329

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

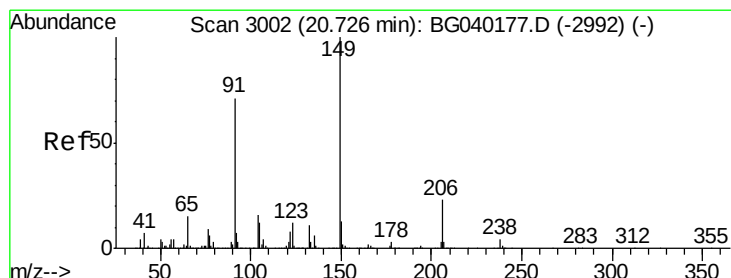
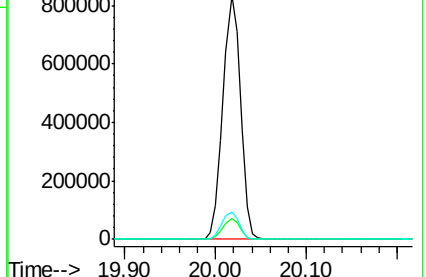
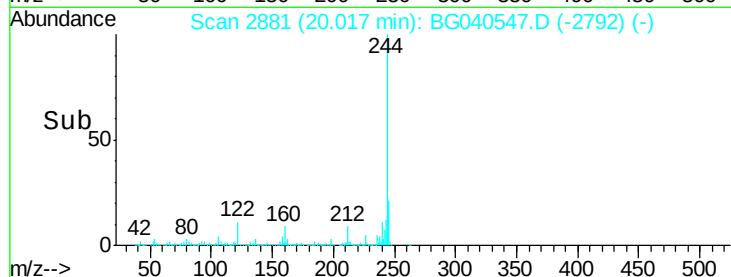
122 11.2 8.5 12.7



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: 40.897 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

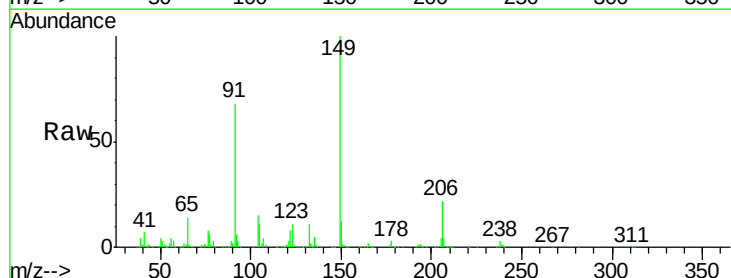
Tgt Ion:149 Resp: 376392

Ion Ratio Lower Upper

149 100

91 68.2 57.0 85.4

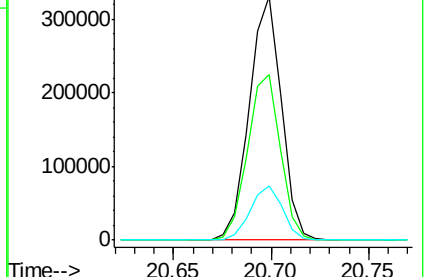
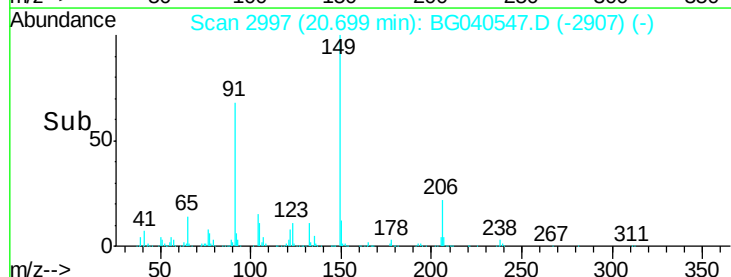
206 22.3 18.2 27.4

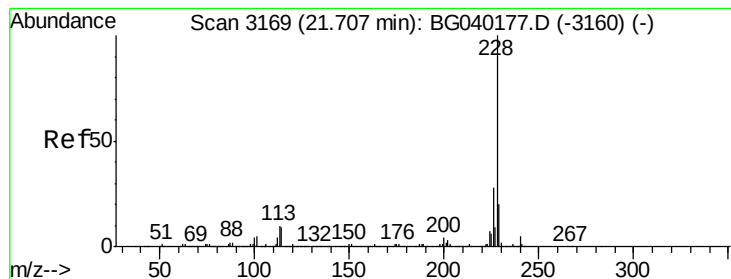


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.726 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

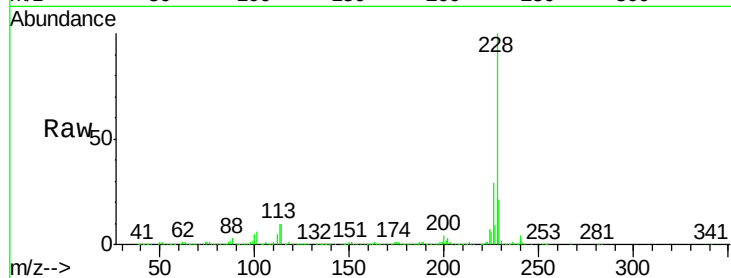
Tot Ion:228 Resp: 820415

Ion Ratio Lower Upper

228 100

226 28.8 22.6 34.0

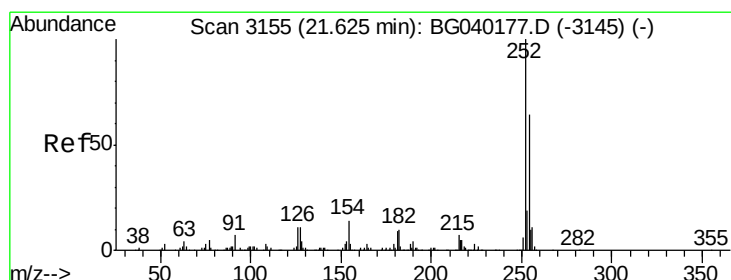
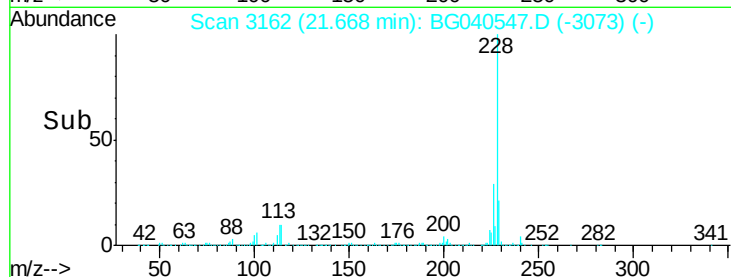
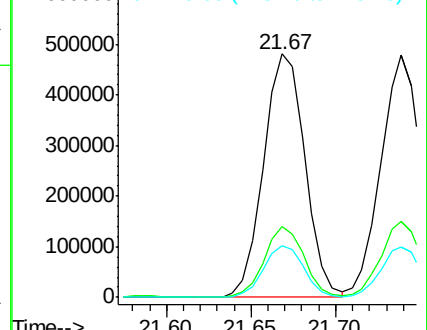
229 21.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.500 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

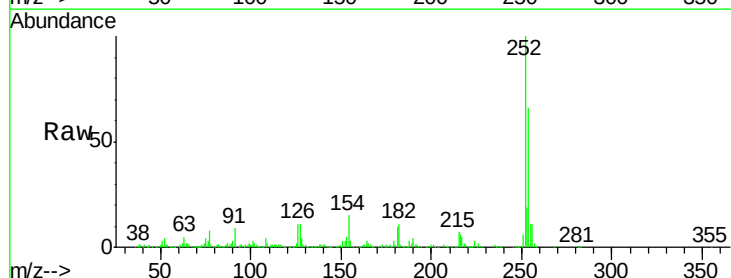
Tgt Ion:252 Resp: 310359

Ion Ratio Lower Upper

252 100

254 65.6 51.4 77.2

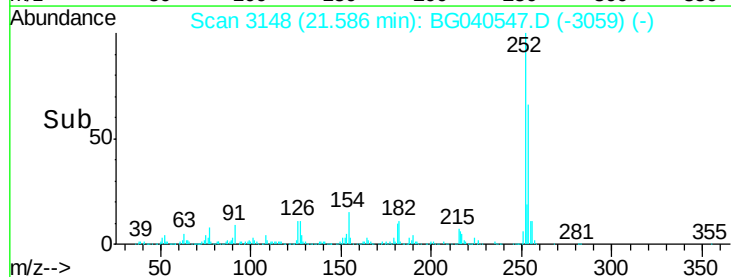
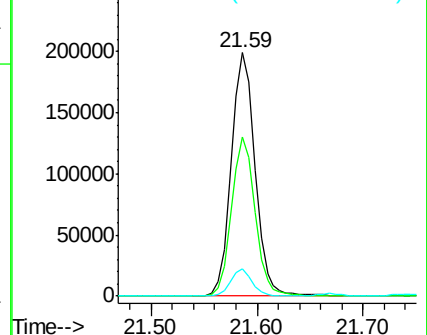
126 11.1 8.5 12.7

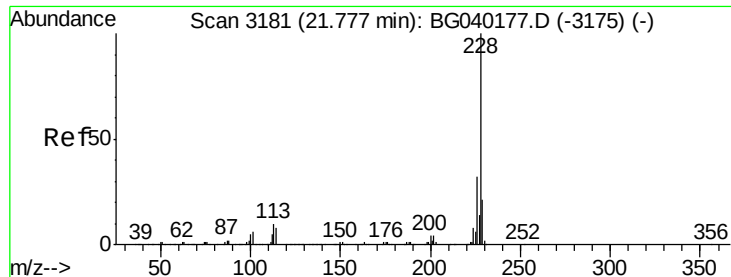


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.656 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

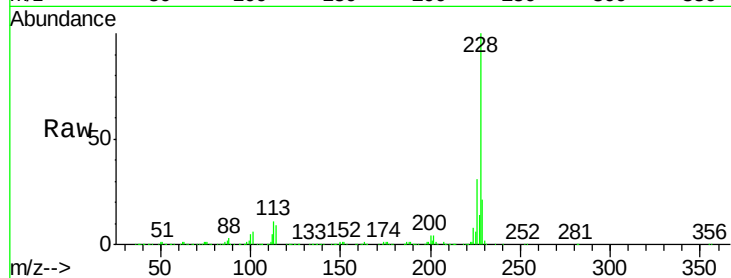
Tot Ion:228 Resp: 787117

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

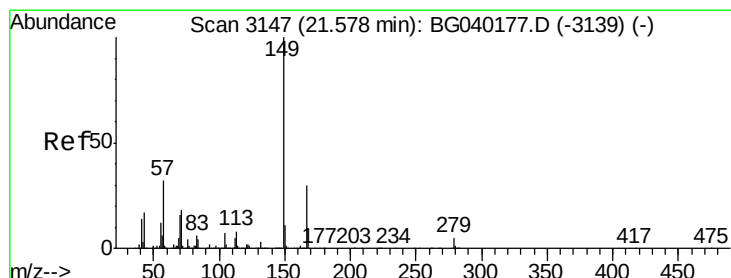
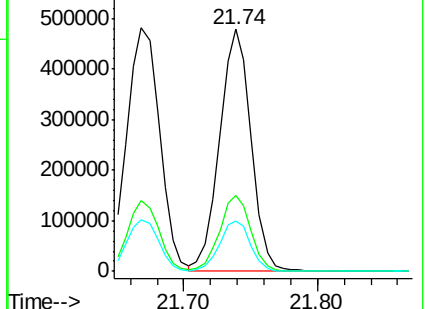
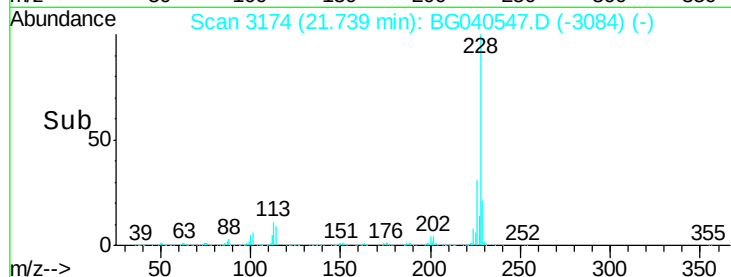
229 20.6 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.491 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

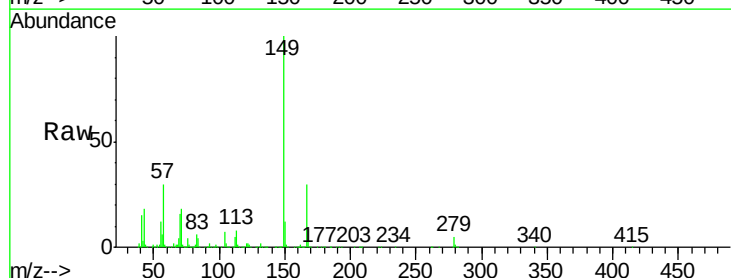
Tgt Ion:149 Resp: 545857

Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

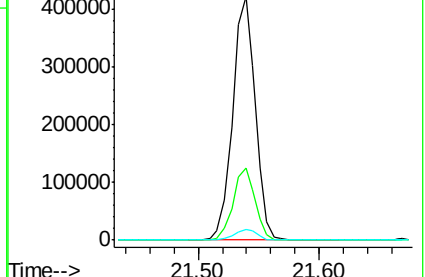
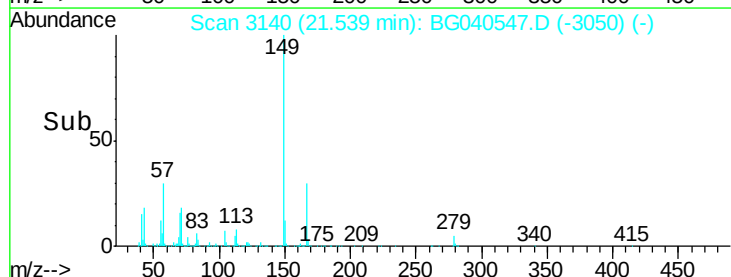
279 4.6 4.1 6.1

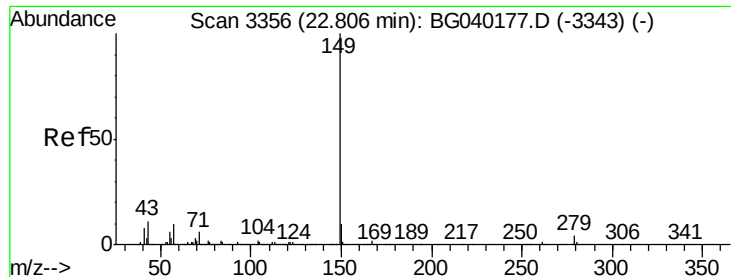


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

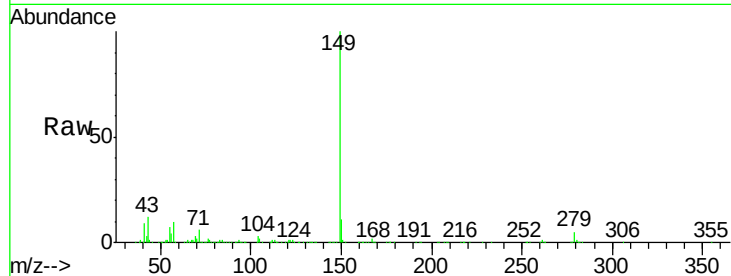




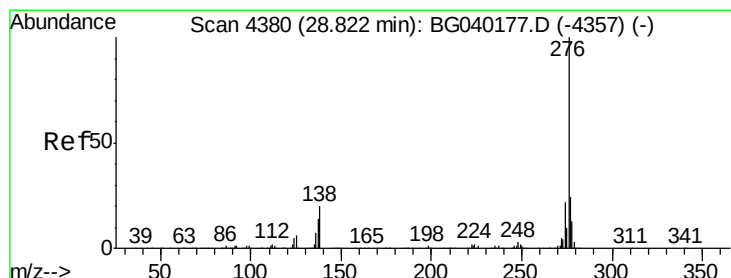
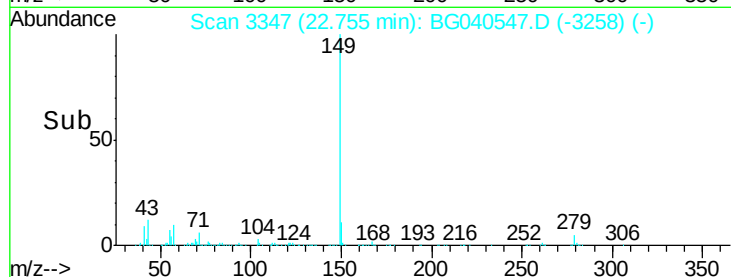
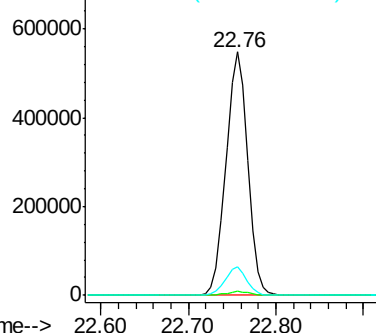
#85
Di-n-octyl phthalate
Concen: 41.304 ng
RT: 22.76 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 925820
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.5 8.7 13.1

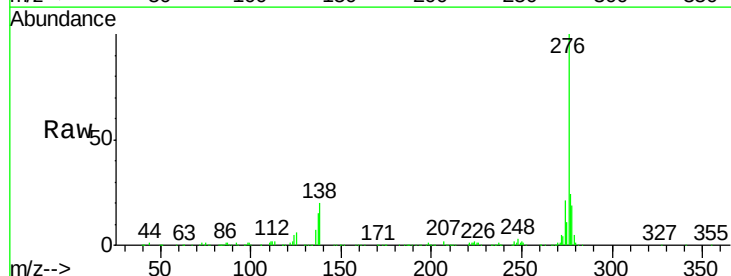


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): E

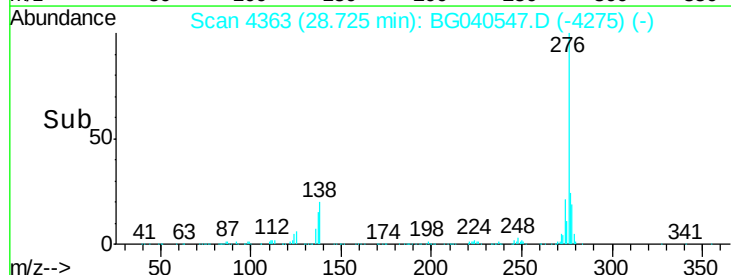
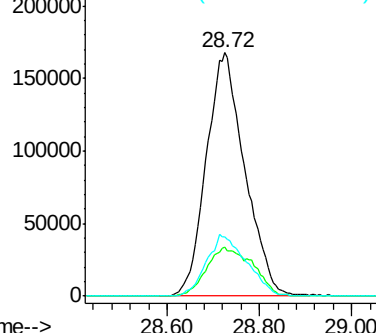


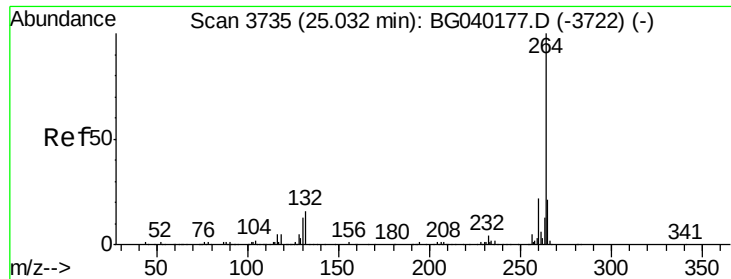
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.143 ng
RT: 28.72 min Scan# 4363
Delta R.T. -0.01 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion:276 Resp: 974240
Ion Ratio Lower Upper
276 100
138 24.0 18.8 28.2
277 26.0 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: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

Instrument :

BNA_G

ClientSampleId :

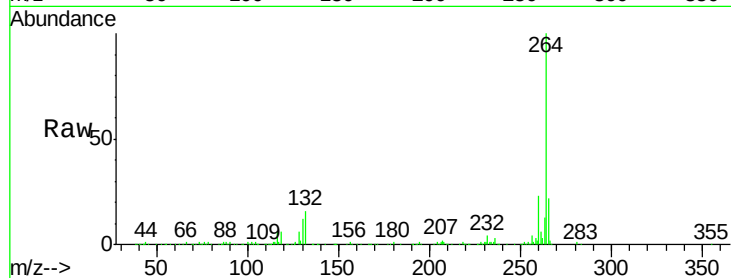
Tot Ion:264 Resp: 369503

Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

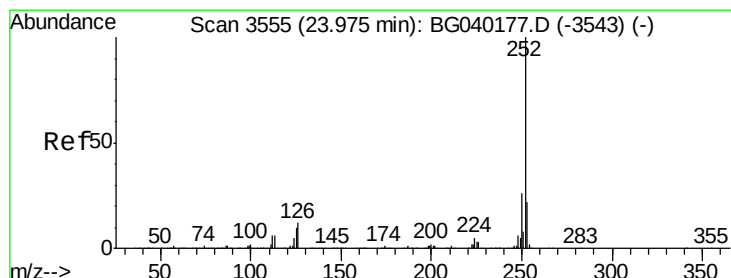
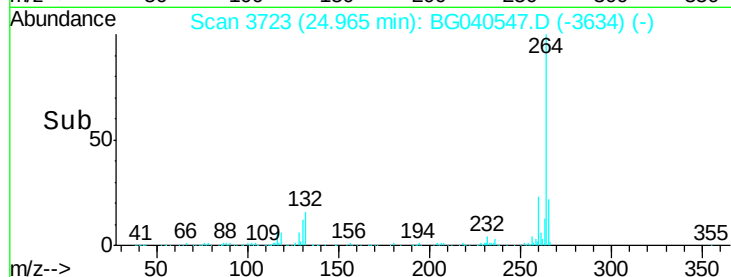
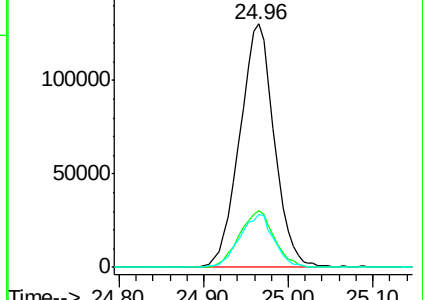
265 21.5 16.8 25.2



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: 37.644 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG040547.D

Acq: 18 Apr 2019 2:34

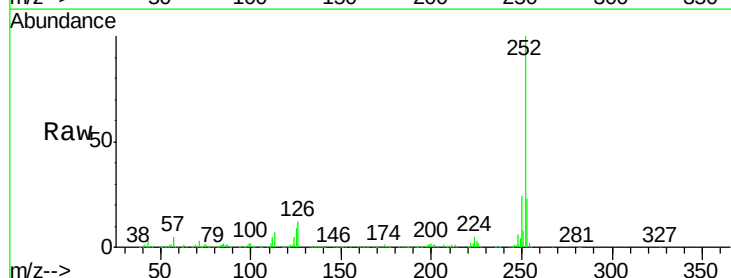
Tgt Ion:252 Resp: 851608

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

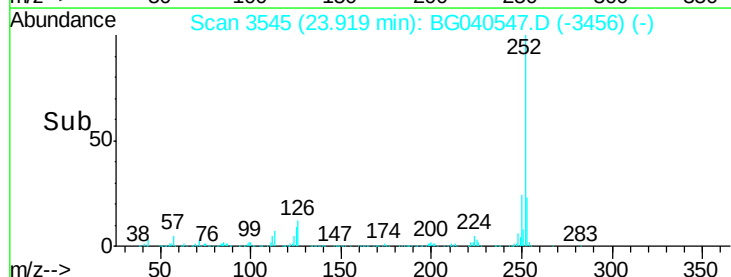
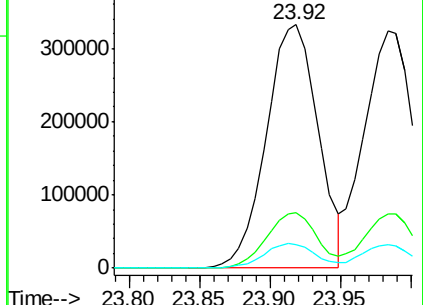
125 9.4 8.2 12.4

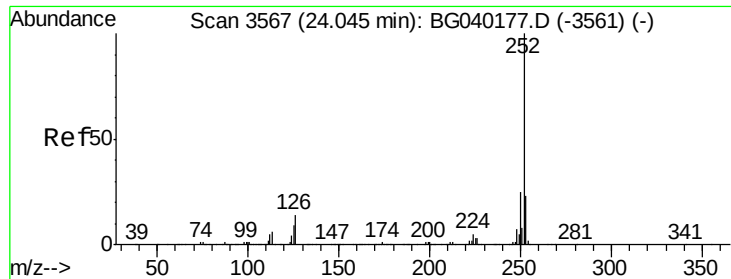


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

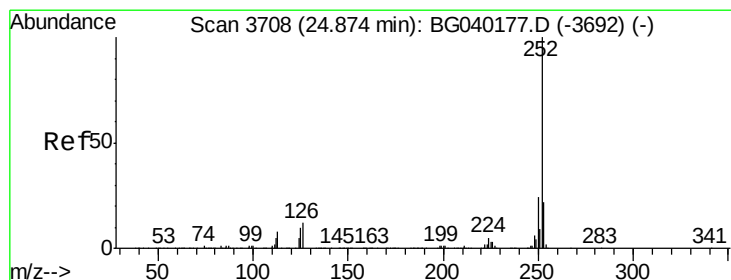
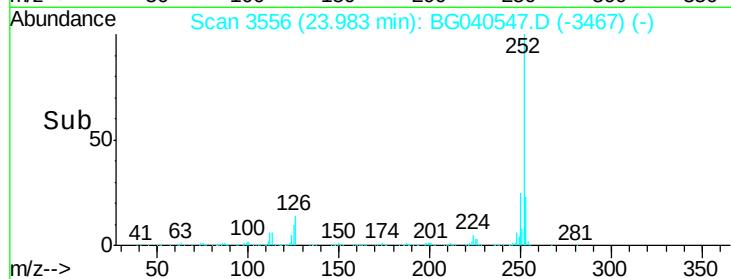
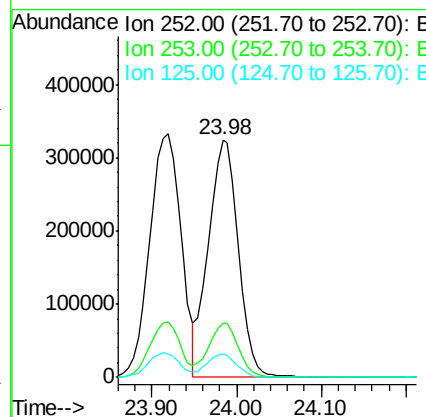
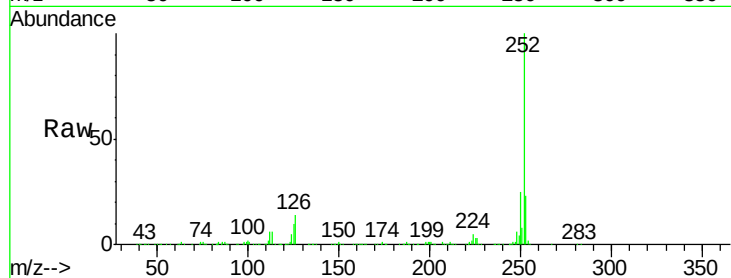




#89
Benzo(k)fluoranthene
Concen: 38.540 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

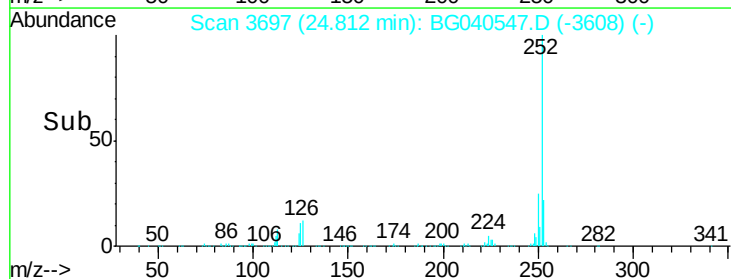
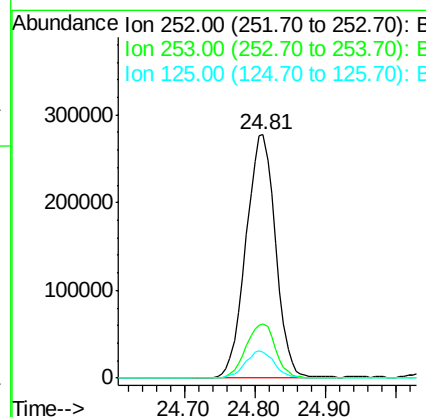
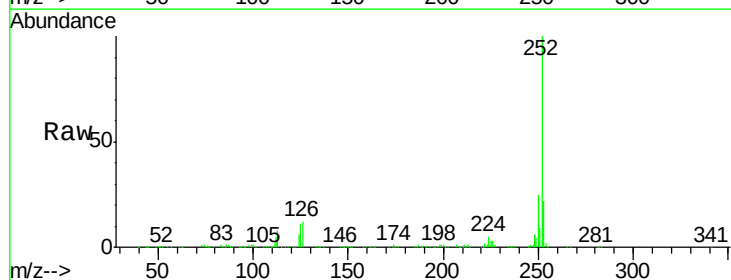
Instrument :
BNA_G
ClientSampleId :

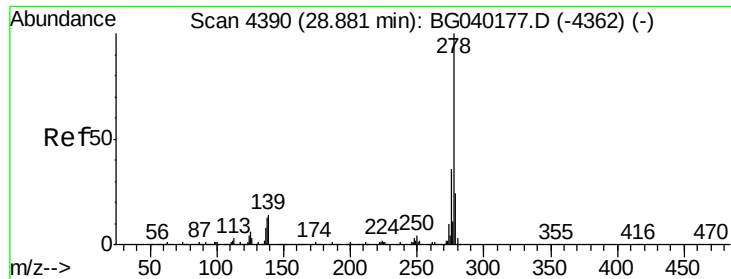
Tot Ion:252 Resp: 801777
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.278 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion:252 Resp: 812484
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.6 8.3 12.5

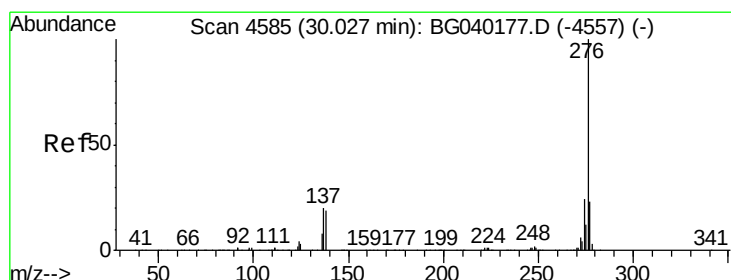
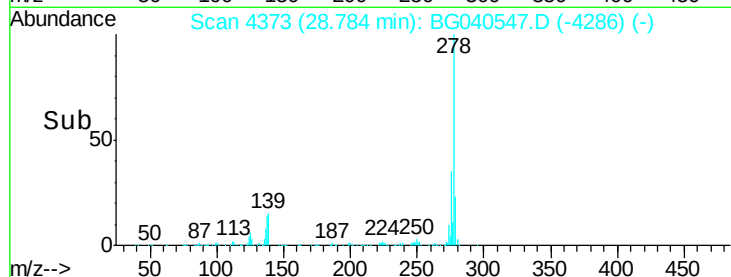
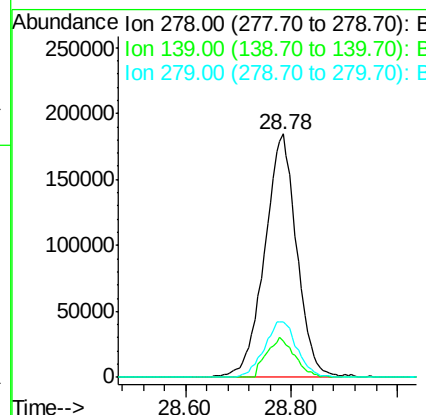
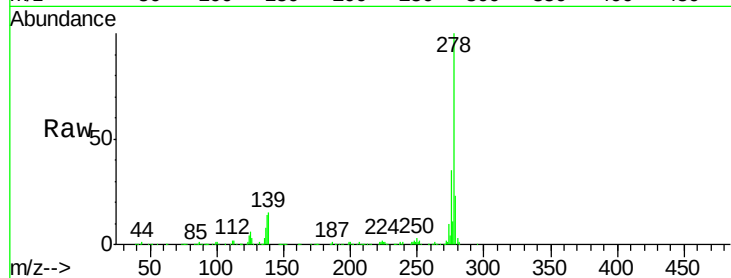




#91
Dibenzo(a,h)anthracene
Concen: 39.311 ng
RT: 28.78 min Scan# 4373
Delta R.T. -0.02 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.2	16.8
279	22.8	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 39.200 ng
RT: 29.91 min Scan# 4564
Delta R.T. -0.00 min
Lab File: BG040547.D
Acq: 18 Apr 2019 2:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	21.3	15.2	22.8

