

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
 Data File : BG040561.D
 Acq On : 19 Apr 2019 14:39
 Operator : JU/SJ
 Sample : PB119004BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

Quant Time: Apr 20 01:59:06 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	8.03	152	48747	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	292419	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	189325	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	402981	20.00	ng	0.00
76) Chrysene-d12	21.68	240	414639	20.00	ng	-0.01
87) Perylene-d12	24.95	264	369774	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	438197	149.44	ng	-0.01
7) Phenol-d6	7.19	99	617818	152.45	ng	0.00
23) Nitrobenzene-d5	9.20	82	374228	68.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	315269	154.08	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1123355	87.92	ng	-0.01
79) Terphenyl-d14	20.01	244	1506244	81.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.47	88	49614	35.983	ng	97
3) Pyridine	3.88	79	118858	32.017	ng	94
4) n-Nitrosodimethylamine	3.79	42	74461	43.361	ng	# 92
6) Aniline	7.36	93	180513	34.285	ng	99
8) 2-Chlorophenol	7.59	128	151207	44.051	ng	94
9) Benzaldehyde	7.17	77	55305	19.895	ng	95
10) Phenol	7.22	94	208558	47.414	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	142732	40.514	ng	98
12) 1,3-Dichlorobenzene	7.91	146	145264	38.930	ng	97
13) 1,4-Dichlorobenzene	8.06	146	151341	40.723	ng	98
14) 1,2-Dichlorobenzene	8.38	146	144874	40.764	ng	98
15) Benzyl Alcohol	8.27	79	143505	43.971	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	283962	41.997	ng	98
17) 2-Methylphenol	8.47	107	147052	48.313	ng	99
18) Hexachloroethane	9.10	117	55718	39.415	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	120065	41.323	ng	98
20) 3+4-Methylphenols	8.80	107	198752	48.201	ng	98
22) Acetophenone	8.86	105	230132	31.549	ng	98
24) Nitrobenzene	9.25	77	179133	31.444	ng	98
25) Isophorone	9.76	82	358345	31.657	ng	98
26) 2-Nitrophenol	9.96	139	86005	31.861	ng	94
27) 2,4-Dimethylphenol	10.00	122	160078	37.333	ng	98
28) bis(2-Chloroethoxy)methane	10.24	93	206744	30.871	ng	99
29) 2,4-Dichlorophenol	10.49	162	163061	35.036	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	183337	35.875	ng	96
31) Naphthalene	10.90	128	622470	41.530	ng	99
32) Benzoic acid	10.16	122	30715m	11.856	ng	
33) 4-Chloroaniline	11.01	127	195871	30.636	ng	98
34) Hexachlorobutadiene	11.16	225	122781	37.567	ng	94
35) Caprolactam	11.80	113	102511m	55.503	ng	
36) 4-Chloro-3-methylphenol	12.12	107	275917	51.568	ng	99
37) 2-Methylnaphthalene	12.50	142	481789	43.462	ng	99
38) 1-Methylnaphthalene	12.71	142	458006	42.607	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	238559	39.645	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	228304	69.099	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	183359	47.262	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	194273	45.942	ng	99
46) 1,1'-Biphenyl	13.49	154	679662	45.435	ng	99
47) 2-Chloronaphthalene	13.55	162	530715	46.251	ng	98
48) 2-Nitroaniline	13.76	65	204322	52.790	ng	91
49) Acenaphthylene	14.39	152	820051	42.151	ng	100
50) Dimethylphthalate	14.12	163	656217	44.287	ng	99
51) 2,6-Dinitrotoluene	14.25	165	158946	47.774	ng	98
52) Acenaphthene	14.73	154	461690	41.415	ng	97
53) 3-Nitroaniline	14.59	138	123629	35.104	ng	87
54) 2,4-Dinitrophenol	14.79	184	145915	82.466	ng	93
55) Dibenzofuran	15.06	168	783878	43.760	ng	98
56) 4-Nitrophenol	14.89	139	274860	96.702	ng	100
57) 2,4-Dinitrotoluene	15.03	165	221895	47.999	ng	95
58) Fluorene	15.71	166	599752	42.585	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	185596	48.366	ng	98
60) Diethylphthalate	15.47	149	735021	48.476	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	317461	42.170	ng	98
62) 4-Nitroaniline	15.75	138	174410	46.147	ng	97
63) Azobenzene	15.99	77	647424	45.268	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	117845	52.051	ng	98
66) n-Nitrosodiphenylamine	15.91	169	595422	50.492	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	233646	51.521	ng	98
68) Hexachlorobenzene	16.71	284	223433	49.002	ng	98
69) Atrazine	16.86	200	219785	50.103	ng	99
70) Pentachlorophenol	17.05	266	210602	79.891	ng	96
71) Phenanthrene	17.45	178	869879	41.068	ng	99
72) Anthracene	17.54	178	887572	41.865	ng	99
73) Carbazole	17.82	167	865489	43.136	ng	99
74) Di-n-butylphthalate	18.35	149	1027037	43.183	ng	99
75) Fluoranthene	19.46	202	1081684	43.127	ng	100
77) Benzidine	19.65	184	396210	26.462	ng	97
78) Pyrene	19.82	202	1076782	39.490	ng	99
80) Butylbenzylphthalate	20.69	149	484090	41.489	ng	98
81) Benzo(a)anthracene	21.66	228	980542	38.393	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	276804	28.491	ng	99
83) Chrysene	21.73	228	966788	39.388	ng	100
84) Bis(2-ethylhexyl)phthalate	21.53	149	677138	40.598	ng	100
85) Di-n-octyl phthalate	22.74	149	1159281	40.795	ng	99
86) Indeno(1,2,3-cd)pyrene	28.70	276	1761905	58.691	ng	98
88) Benzo(b)fluoranthene	23.91	252	1034627	45.701	ng	99
89) Benzo(k)fluoranthene	23.98	252	1012090	48.614	ng	98
90) Benzo(a)pyrene	24.80	252	1020307	48.034	ng	98
91) Dibenzo(a,h)anthracene	28.76	278	1441666	73.077	ng	99
92) Benzo(g,h,i)perylene	29.89	276	1484364	73.213	ng	96

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

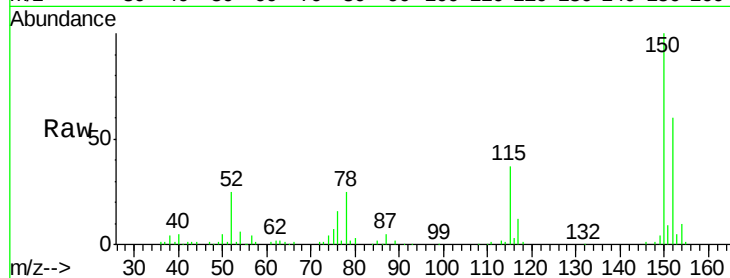


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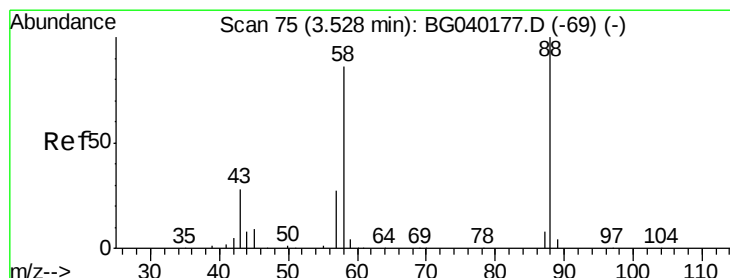
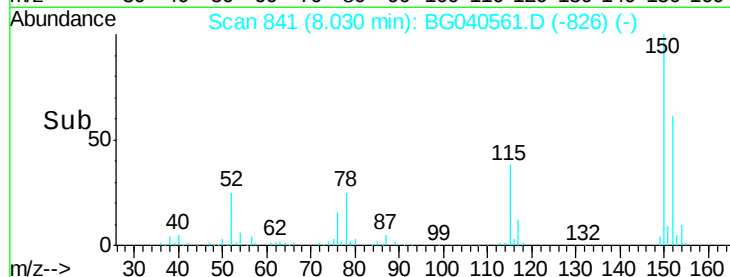
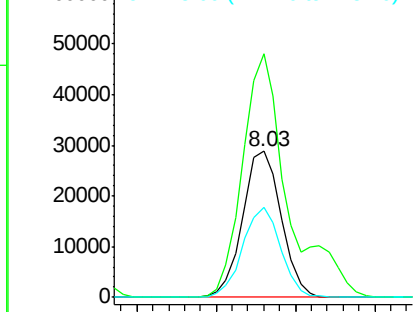
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB119004BS

Tgt Ion:152 Resp: 48747
Ion Ratio Lower Upper
152 100
150 167.0 123.7 185.5
115 62.1 46.9 70.3



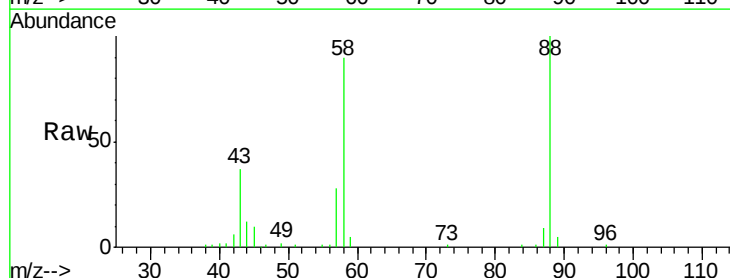
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



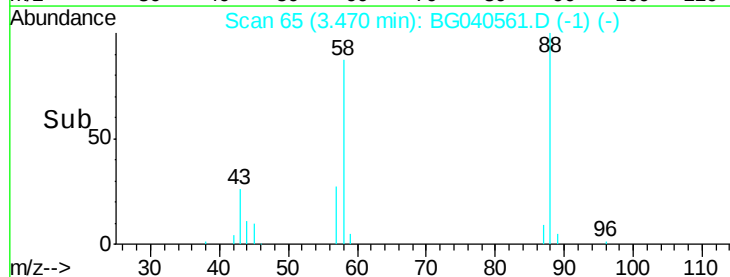
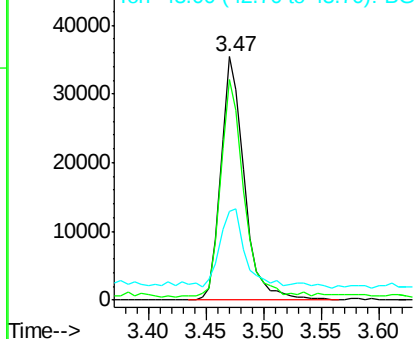
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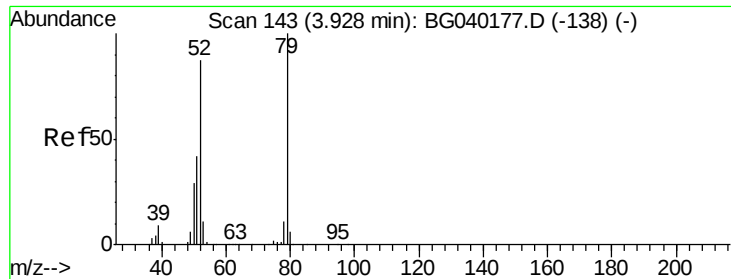
1,4-Dioxane
Concen: 35.983 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.03 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion: 88 Resp: 49614
Ion Ratio Lower Upper
88 100
58 90.0 70.6 106.0
43 33.5 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

Pyridine

Concen: 32.017 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

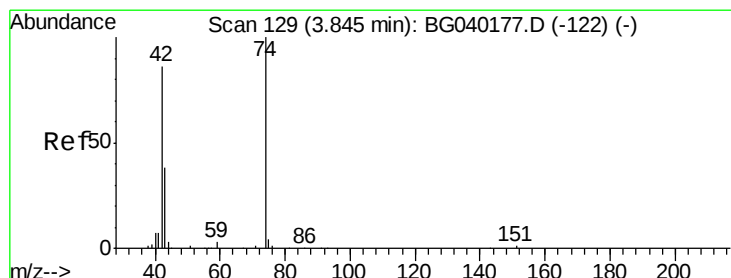
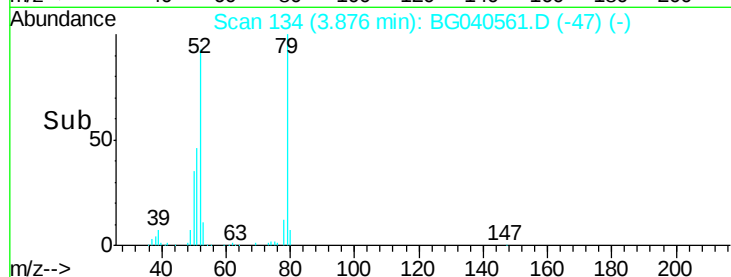
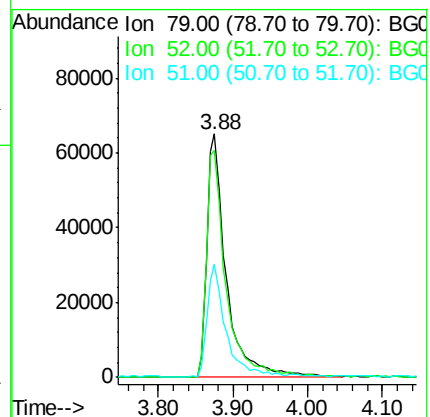
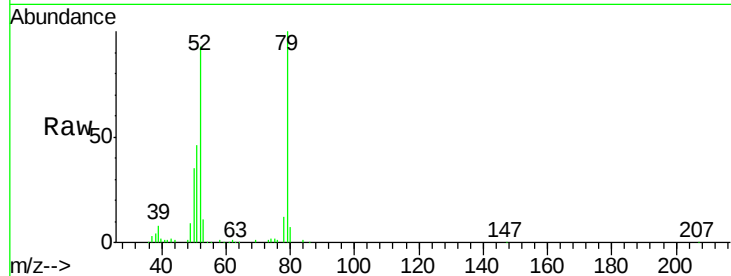
Tgt Ion: 79 Resp: 118858

Ion Ratio Lower Upper

79 100

52 93.3 69.8 104.8

51 46.4 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 43.361 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.03 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

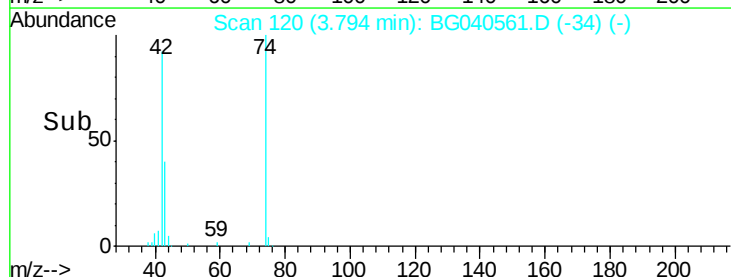
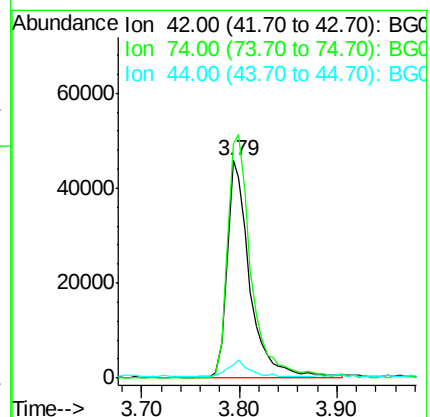
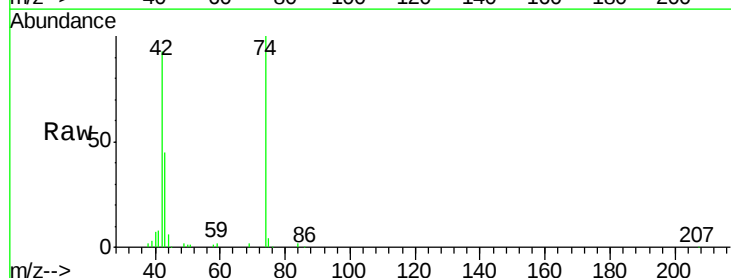
Tgt Ion: 42 Resp: 74461

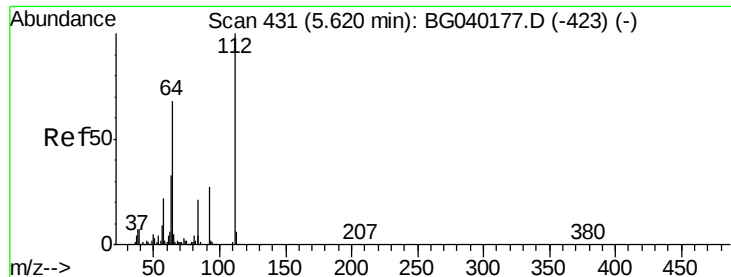
Ion Ratio Lower Upper

42 100

74 107.9 92.9 139.3

44 6.3 9.7 14.5#





#5

2-Fluorophenol

Concen: 149.438 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

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ClientSampleId :

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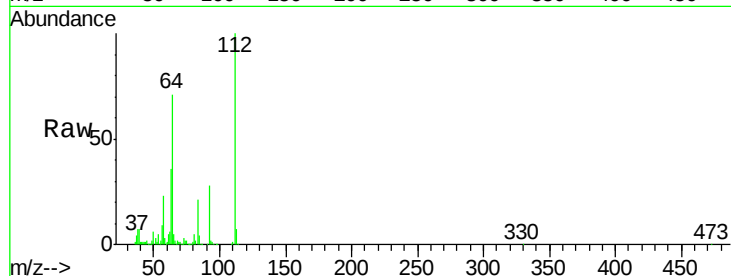
Tgt Ion: 112 Resp: 438197

Ion Ratio Lower Upper

112 100

64 70.9 54.2 81.2

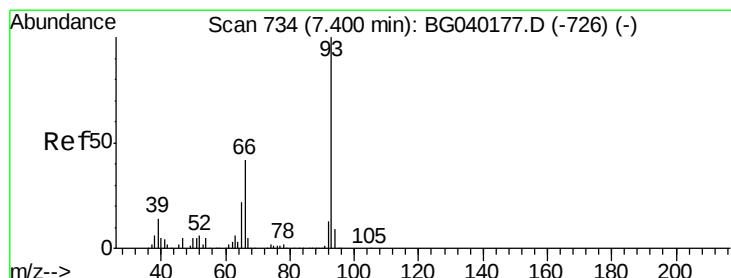
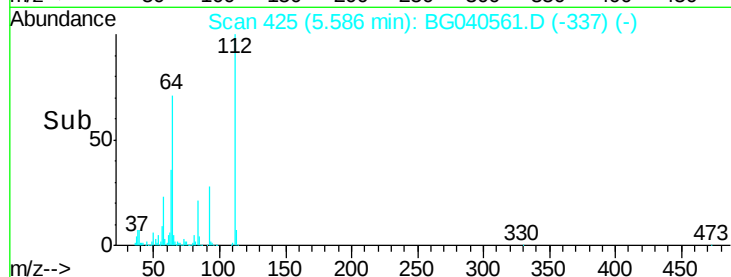
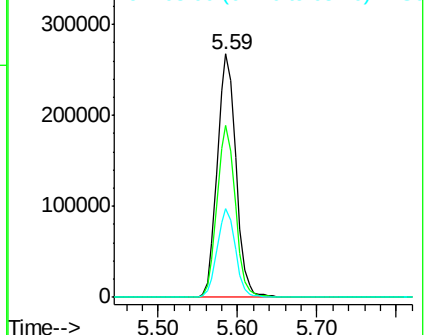
63 36.3 26.4 39.6



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: 34.285 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

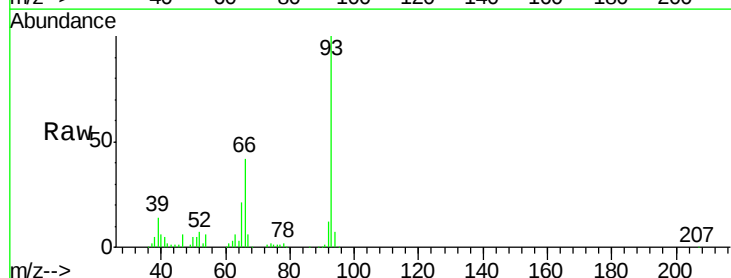
Tgt Ion: 93 Resp: 180513

Ion Ratio Lower Upper

93 100

66 41.6 33.6 50.4

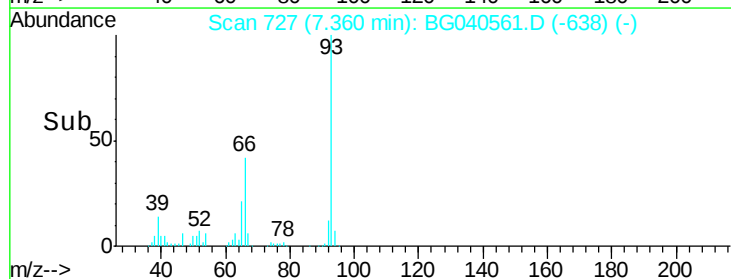
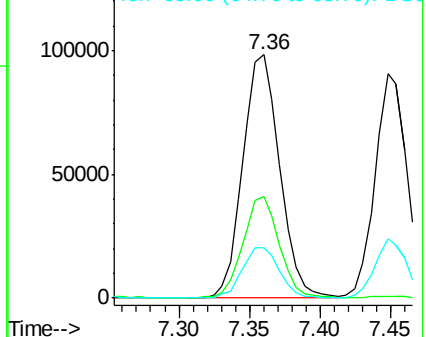
65 20.8 17.4 26.2



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: 152.454 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

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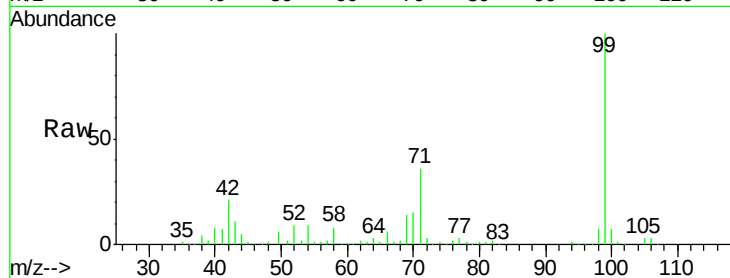
Tgt Ion: 99 Resp: 617818

Ion Ratio Lower Upper

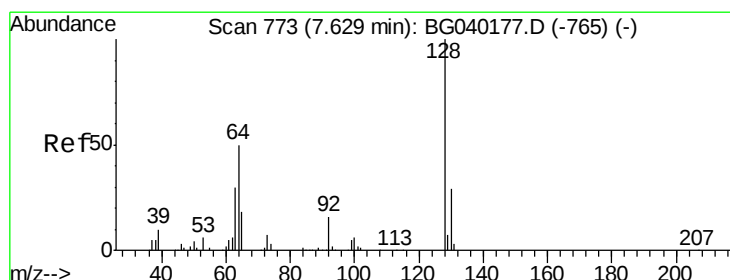
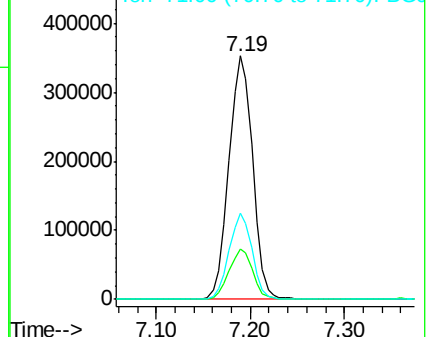
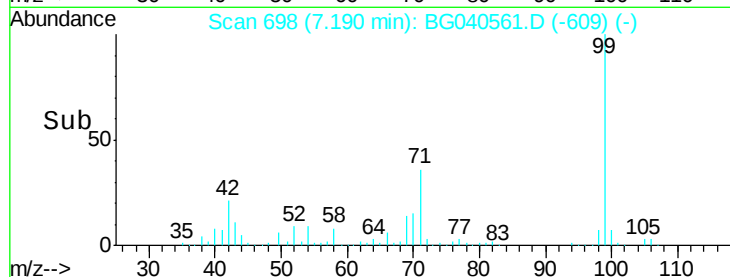
99 100

42 20.9 16.2 24.2

71 35.5 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: 44.051 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

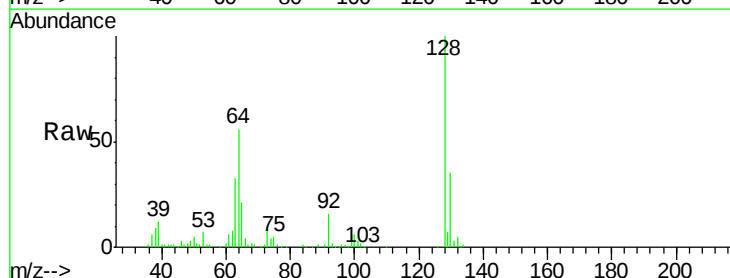
Tgt Ion: 128 Resp: 151207

Ion Ratio Lower Upper

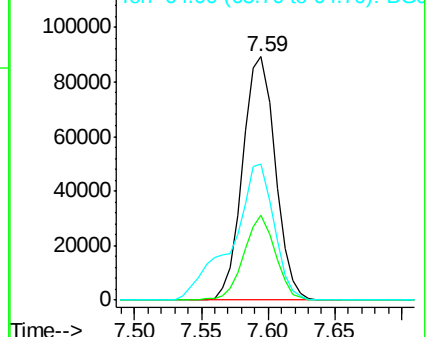
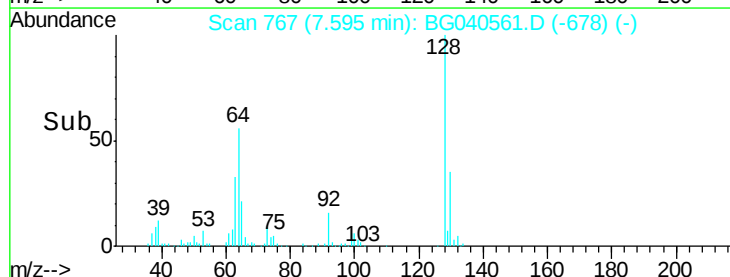
128 100

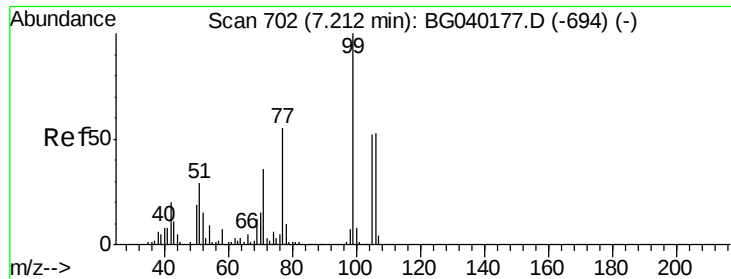
130 34.7 9.1 49.1

64 56.0 33.1 73.1



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





#9

Benzaldehyde

Concen: 19.895 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

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ClientSampleId :

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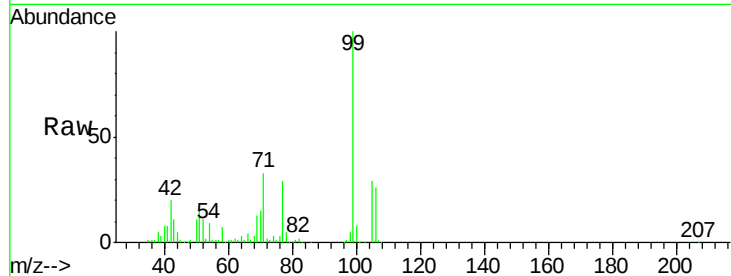
Tgt Ion: 77 Resp: 55305

Ion Ratio Lower Upper

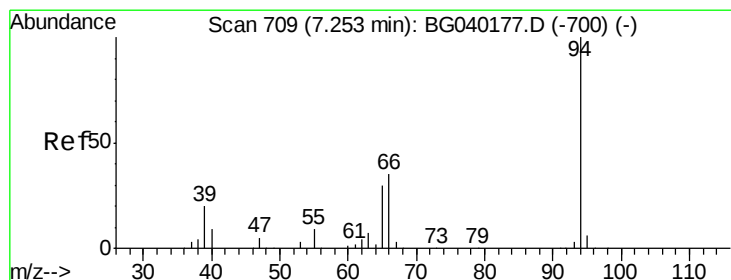
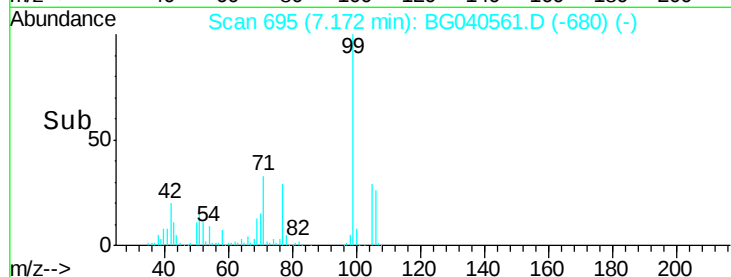
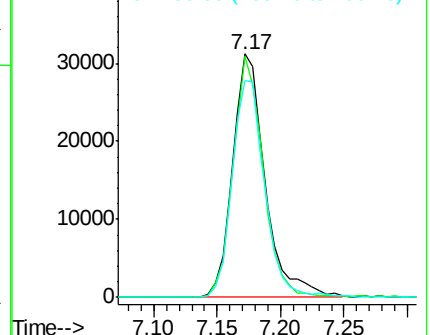
77 100

105 99.2 75.0 115.0

106 89.2 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: 47.414 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

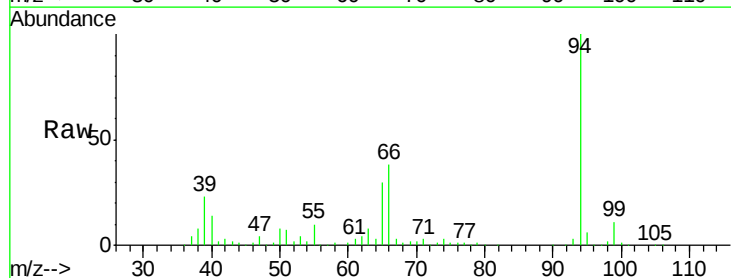
Tgt Ion: 94 Resp: 208558

Ion Ratio Lower Upper

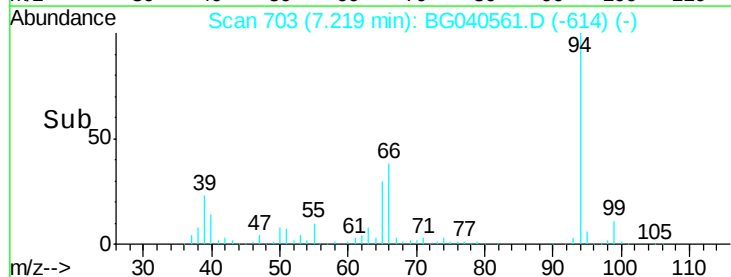
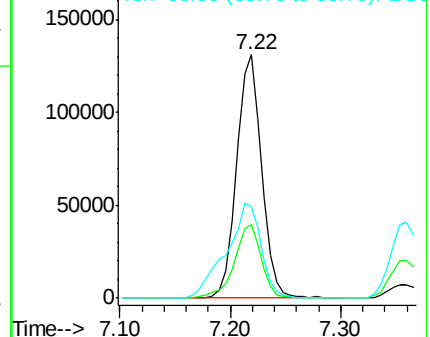
94 100

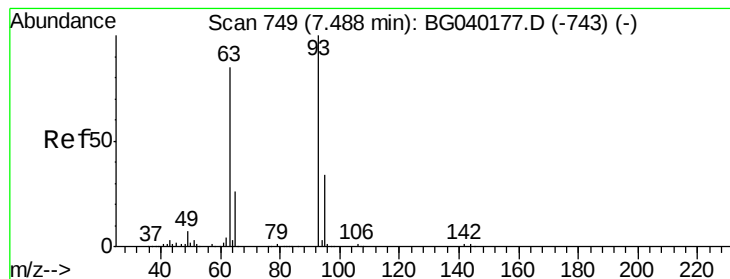
65 29.9 10.5 50.5

66 37.5 16.9 56.9



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





#11

bis(2-Chloroethyl)ether

Concen: 40.514 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

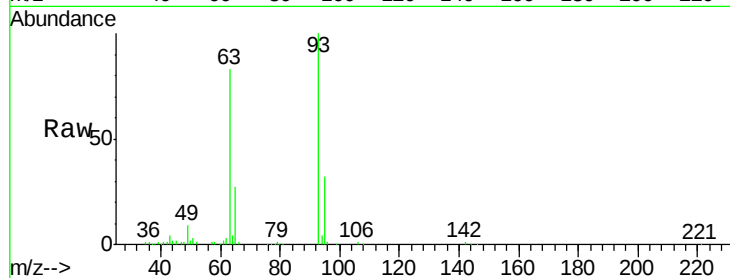
Tgt Ion: 93 Resp: 142732

Ion Ratio Lower Upper

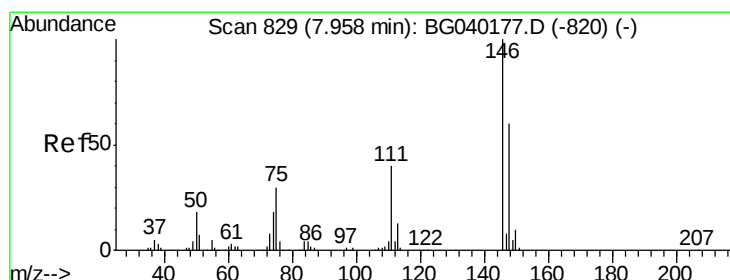
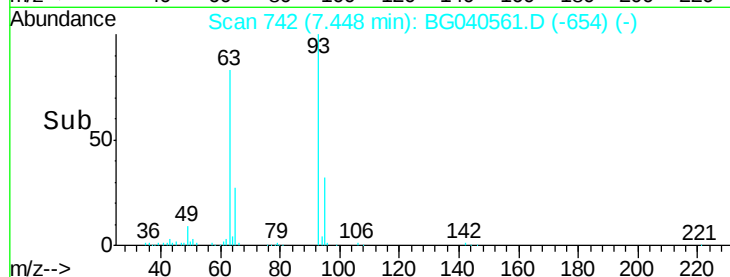
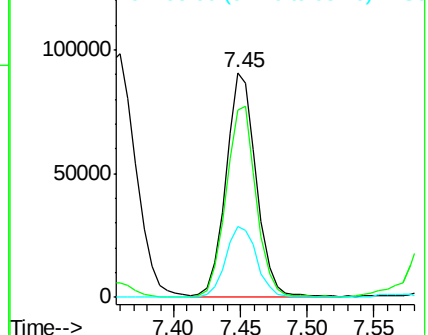
93 100

63 83.3 64.2 104.2

95 31.5 14.0 54.0



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



#12

1,3-Dichlorobenzene

Concen: 38.930 ng

RT: 7.91 min Scan# 821

Delta R.T. -0.02 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

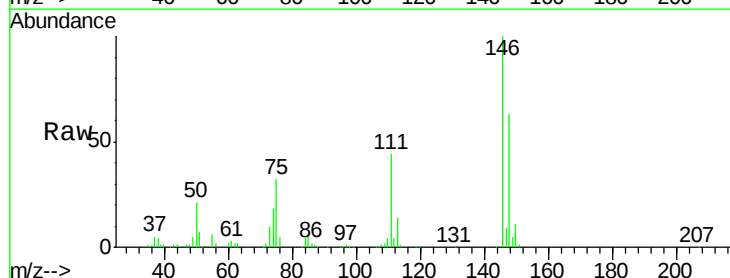
Tgt Ion: 146 Resp: 145264

Ion Ratio Lower Upper

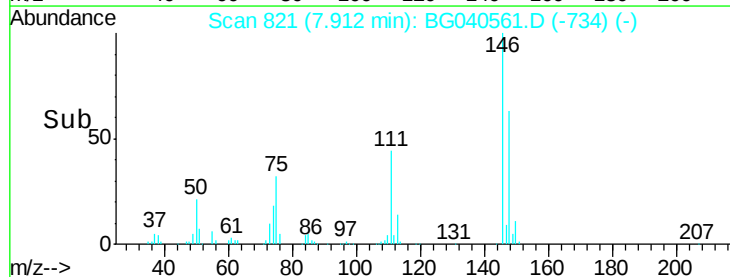
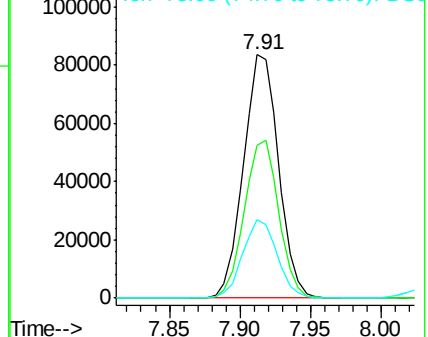
146 100

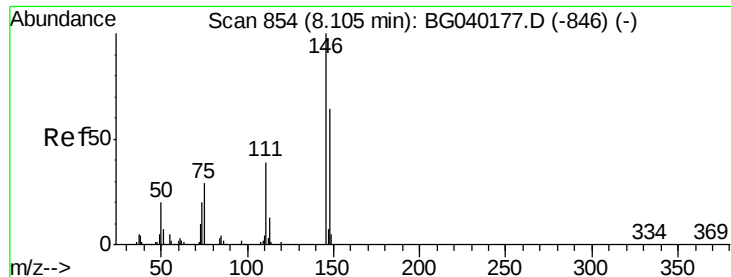
148 62.6 48.2 72.2

75 32.3 24.1 36.1



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





#13

1,4-Dichlorobenzene

Concen: 40.723 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

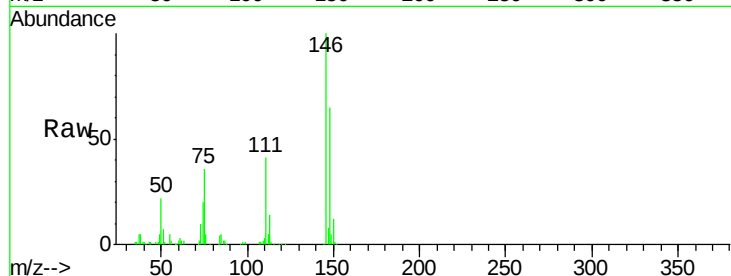
Tgt Ion:146 Resp: 151341

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

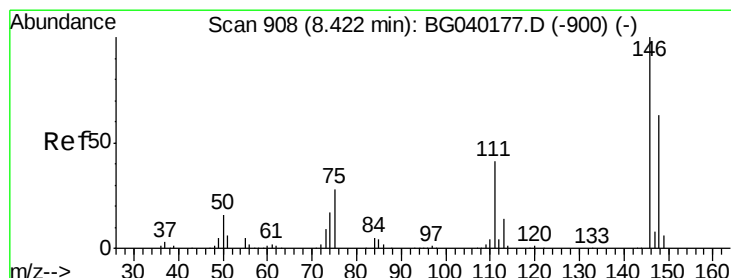
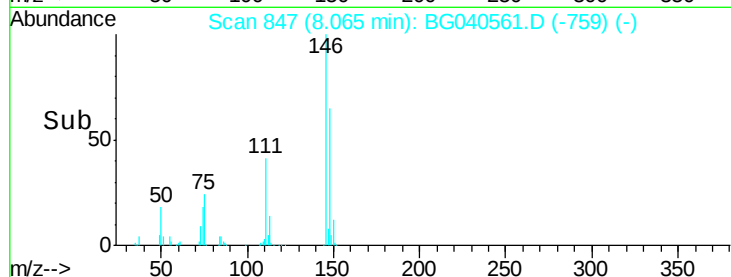
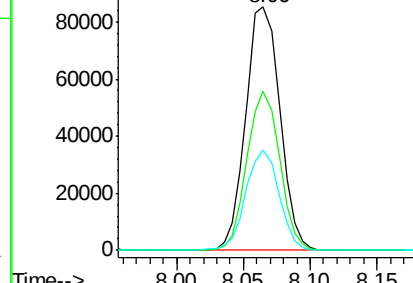
111 40.9 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.764 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

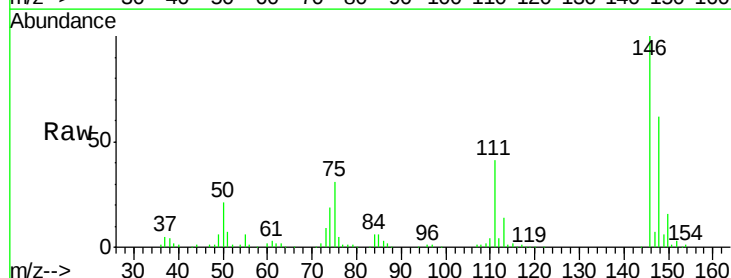
Tgt Ion:146 Resp: 144874

Ion Ratio Lower Upper

146 100

148 62.1 50.8 76.2

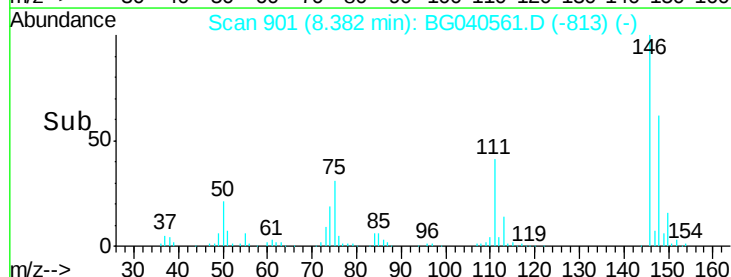
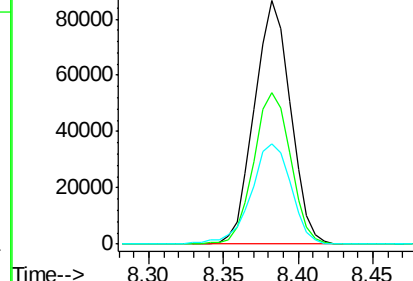
111 41.0 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.971 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

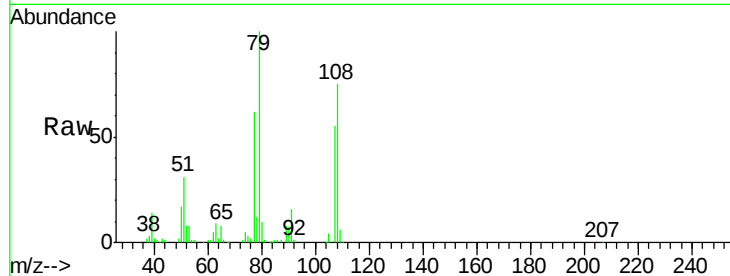
Tgt Ion: 79 Resp: 143505

Ion Ratio Lower Upper

79 100

108 75.5 62.1 93.1

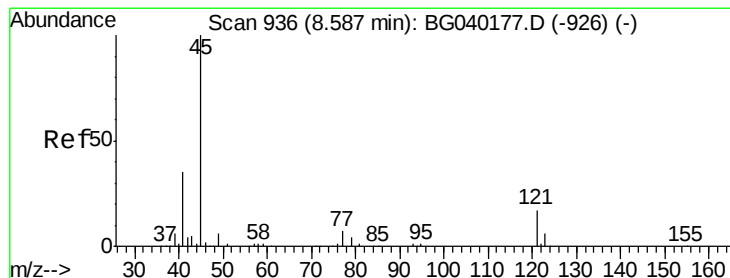
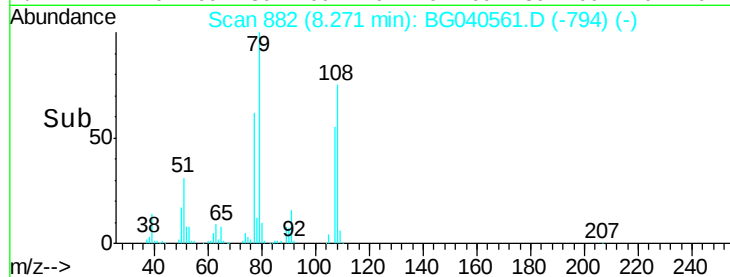
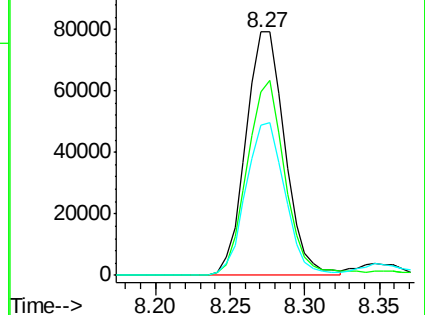
77 61.8 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.997 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

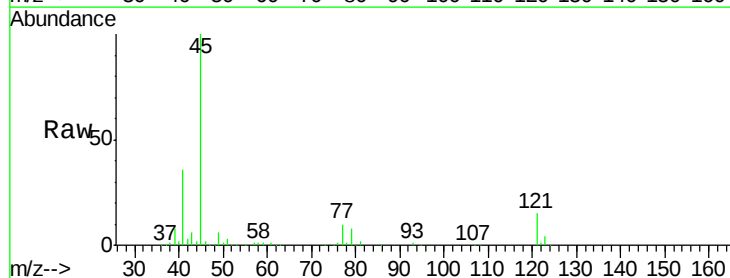
Tgt Ion: 45 Resp: 283962

Ion Ratio Lower Upper

45 100

77 10.1 0.0 31.4

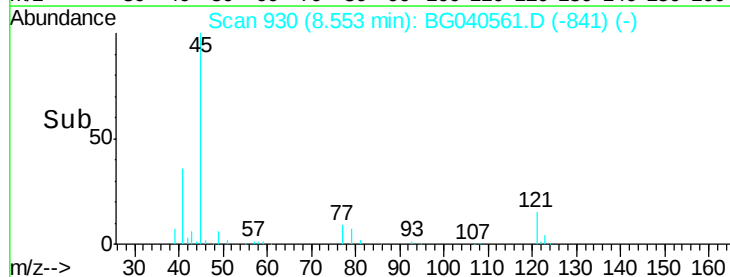
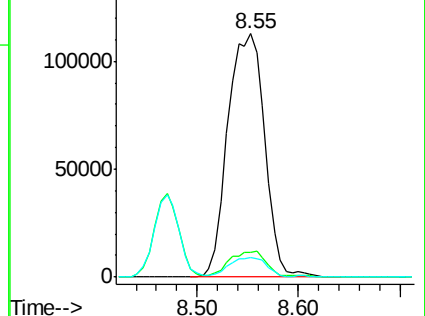
79 8.1 0.0 28.3

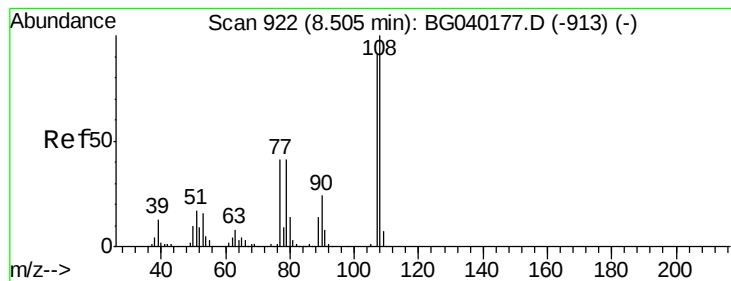


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.313 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

Tgt Ion:107 Resp: 147052

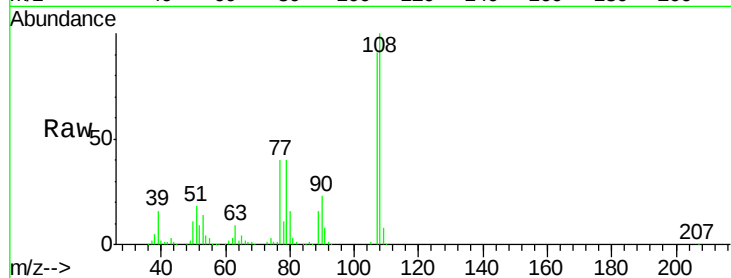
Ion Ratio Lower Upper

107 100

108 110.2 88.2 132.4

77 44.5 36.6 55.0

79 43.8 36.5 54.7

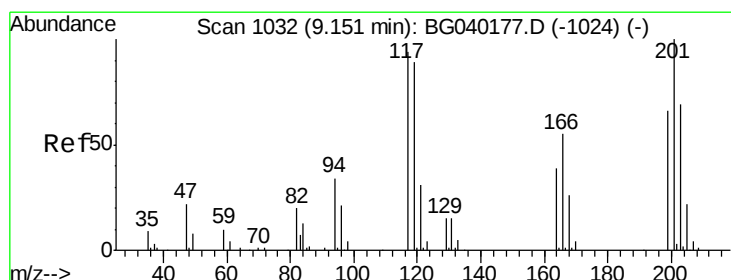
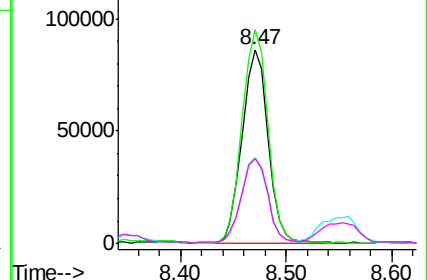
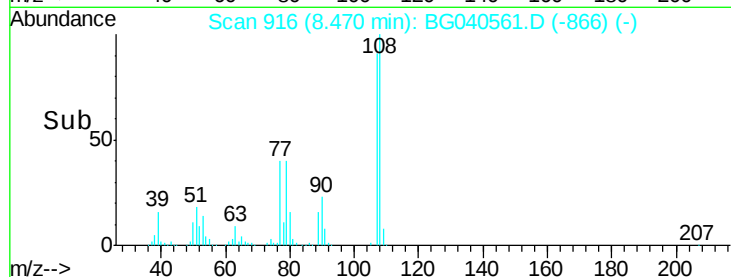


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.415 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

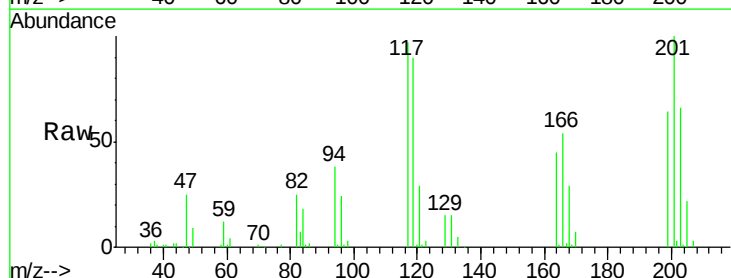
Tgt Ion:117 Resp: 55718

Ion Ratio Lower Upper

117 100

119 93.0 76.6 115.0

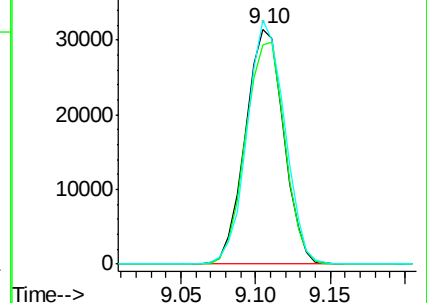
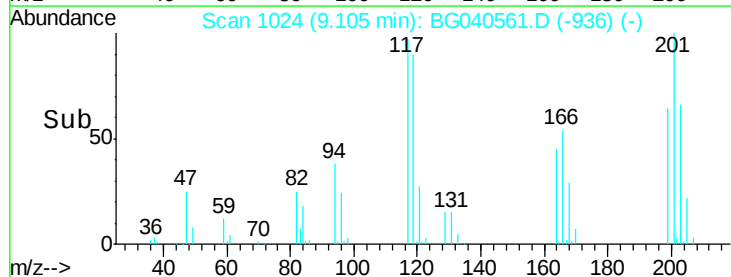
201 103.5 85.0 127.4

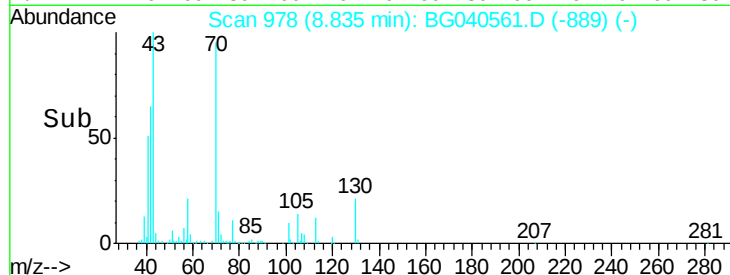
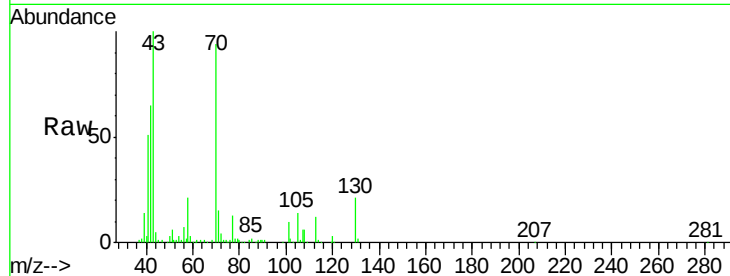
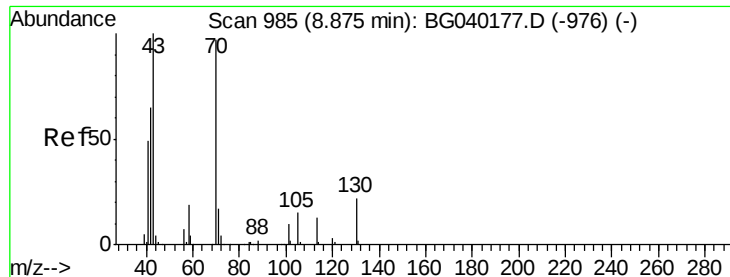


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

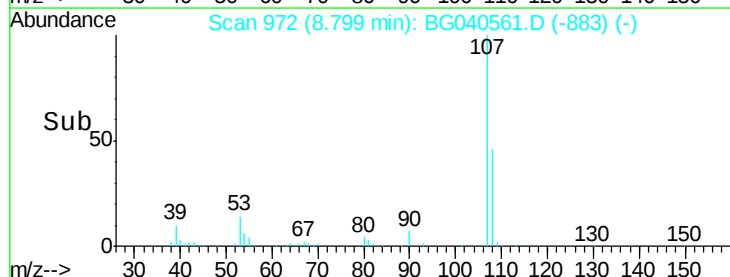
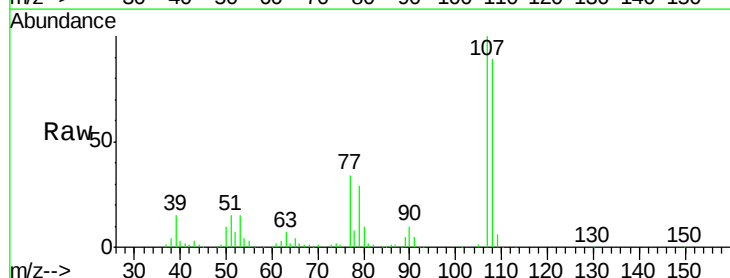
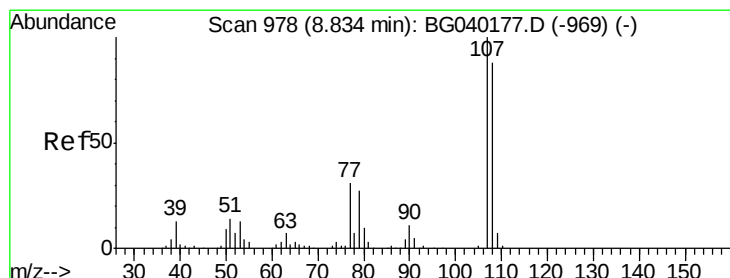
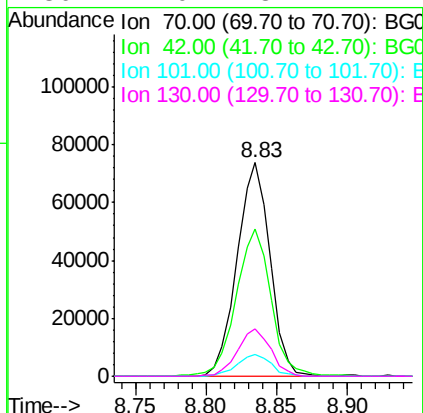




#19
n-Nitroso-di-n-propylamine
Concen: 41.323 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

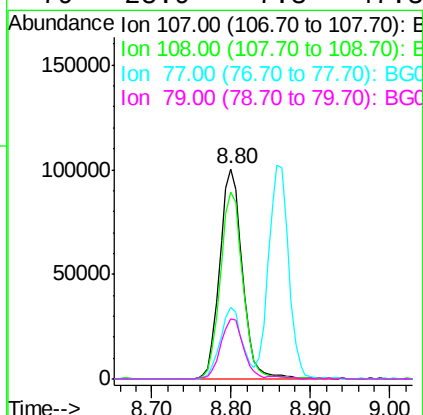
Instrument :
BNA_G
ClientSampleId :
PB119004BS

Tgt Ion:	70	Resp:	120065
Ion	Ratio	Lower	Upper
70	100		
42	68.9	54.0	81.0
101	10.3	8.6	13.0
130	22.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 48.201 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion:	107	Resp:	198752
Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.3	108.3
77	34.0	11.3	51.3
79	28.9	7.3	47.3

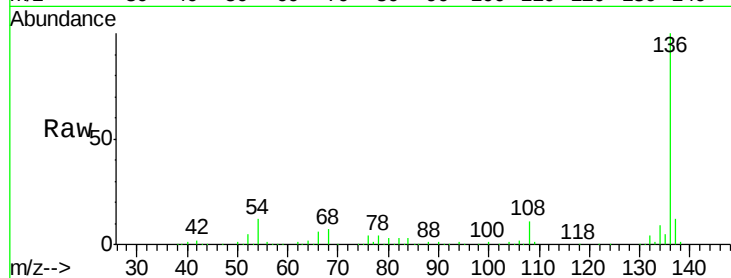




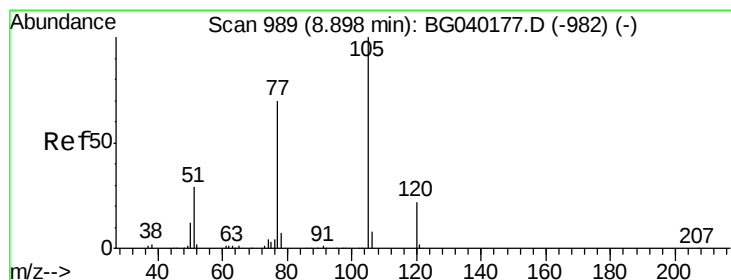
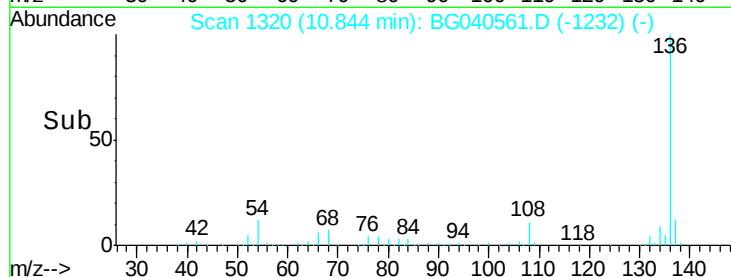
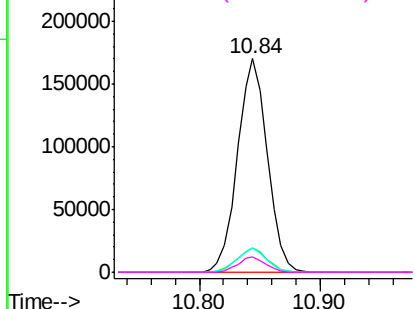
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB119004BS

Tgt Ion:	136	Resp:	292419
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	11.6	9.6	14.4
68	7.2	5.1	7.7

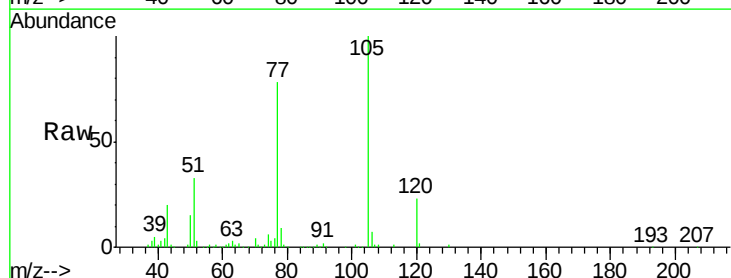


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

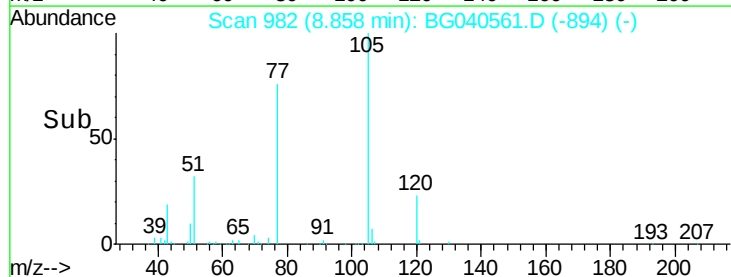
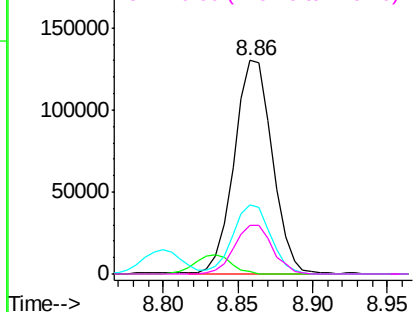


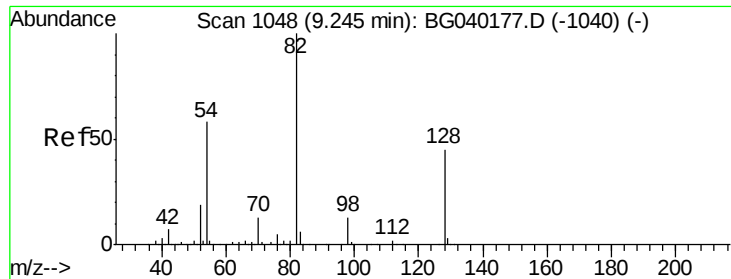
#22
Acetophenone
Concen: 31.549 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion:	105	Resp:	230132
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.6	1.0
51	32.6	25.1	37.7
120	23.0	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

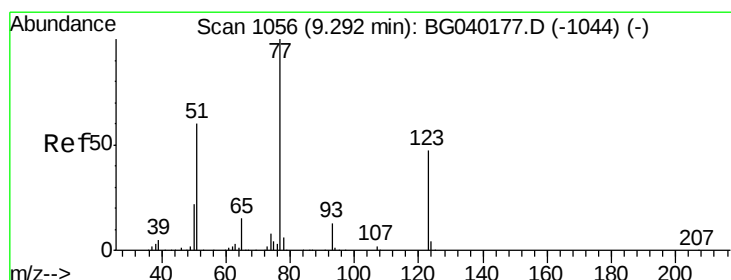
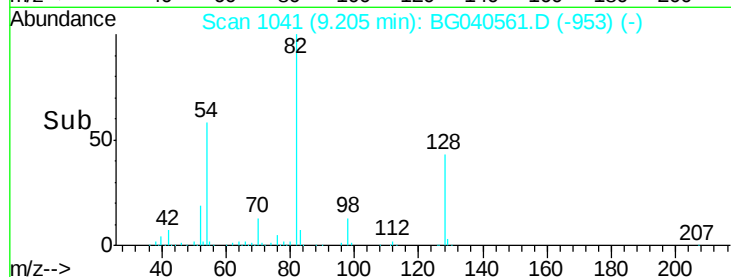
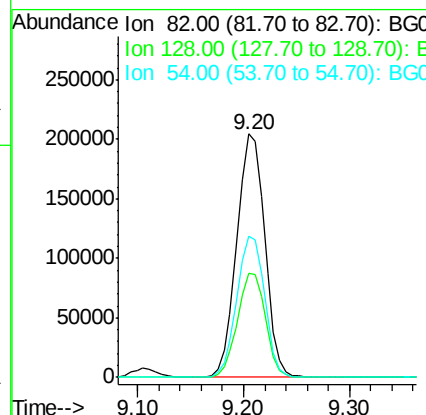
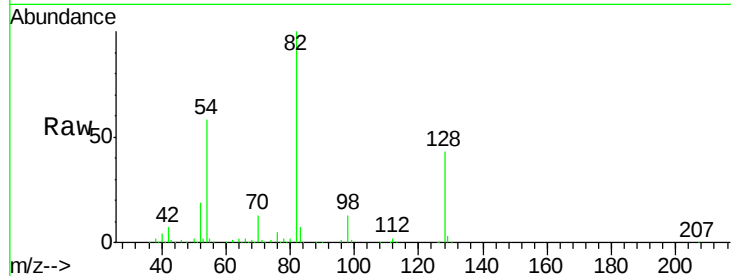




#23
 Nitrobenzene-d5
 Concen: 68.024 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

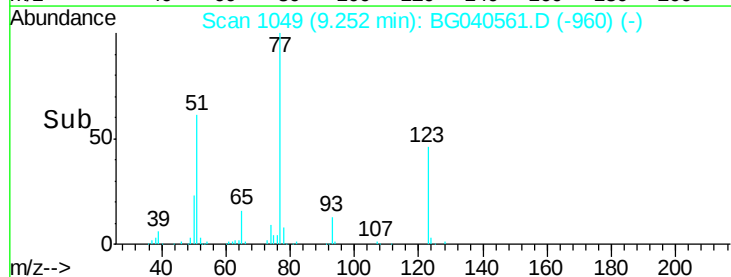
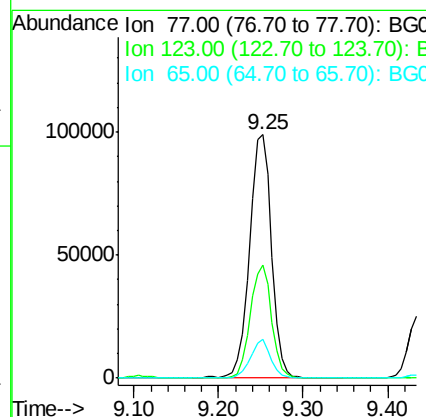
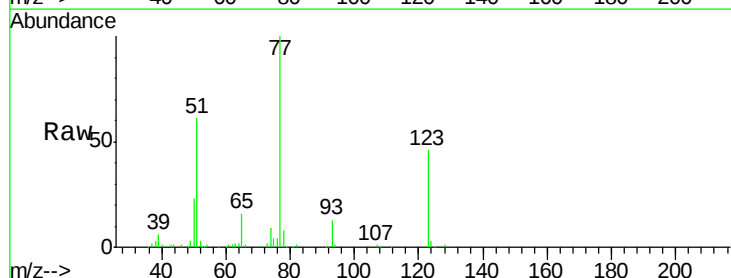
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

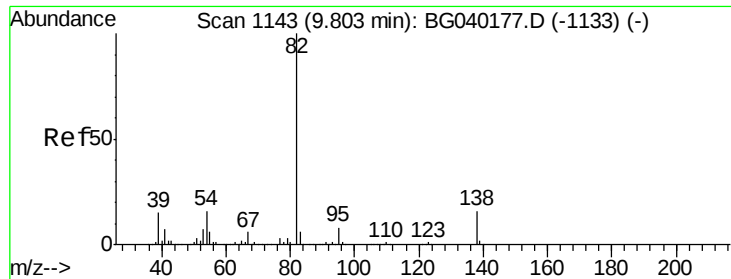
Tgt Ion: 82 Resp: 374228
 Ion Ratio Lower Upper
 82 100
 128 42.8 35.8 53.8
 54 58.2 46.2 69.2



#24
 Nitrobenzene
 Concen: 31.444 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion: 77 Resp: 179133
 Ion Ratio Lower Upper
 77 100
 123 46.3 37.8 56.6
 65 16.1 12.0 18.0





#25

Isophorone

Concen: 31.657 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

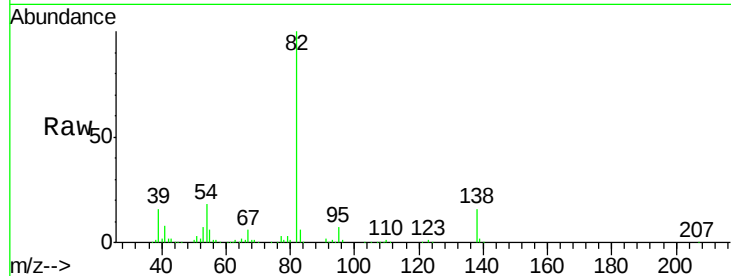
Tgt Ion: 82 Resp: 358345

Ion Ratio Lower Upper

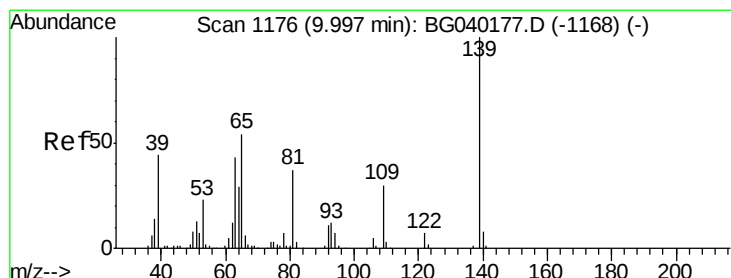
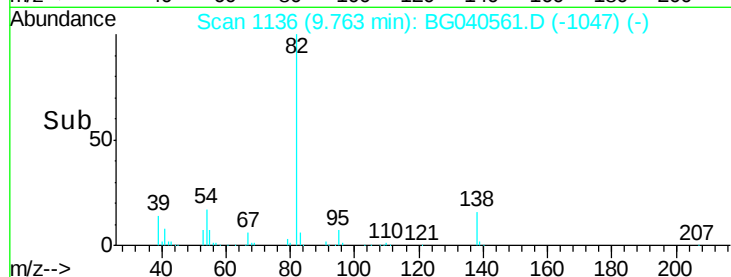
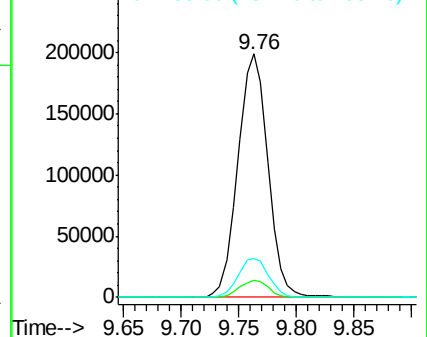
82 100

95 7.1 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: 31.861 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

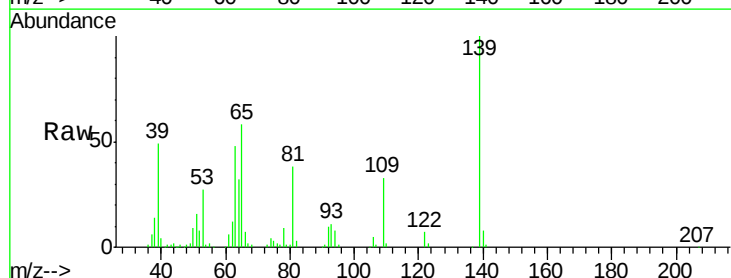
Tgt Ion: 139 Resp: 86005

Ion Ratio Lower Upper

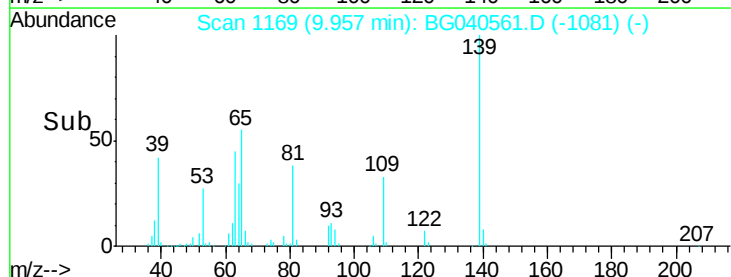
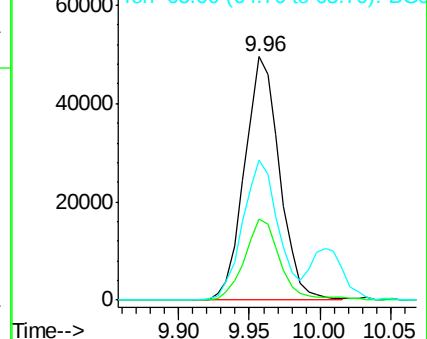
139 100

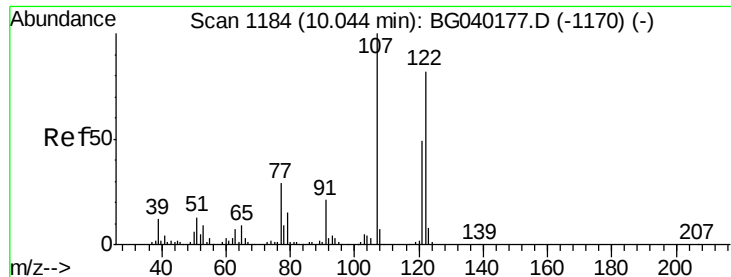
109 33.4 24.1 36.1

65 57.7 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

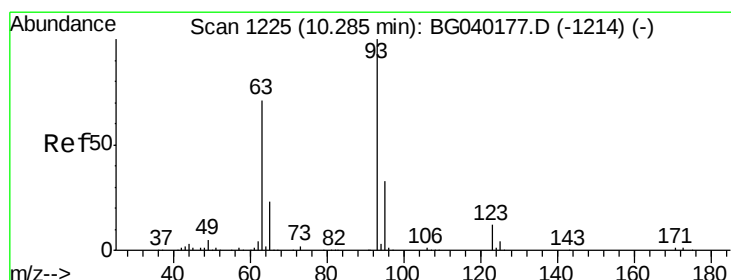
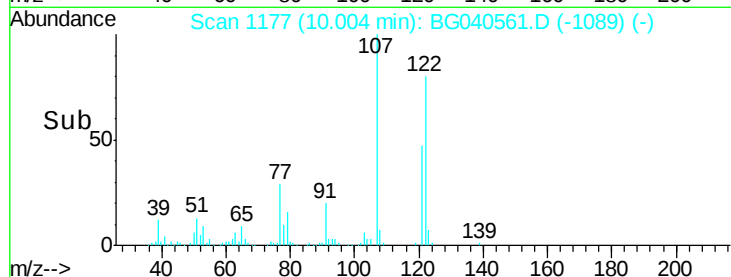
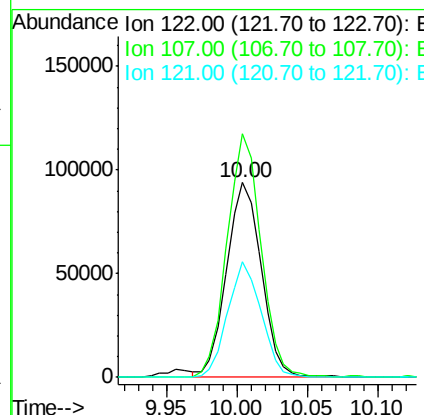
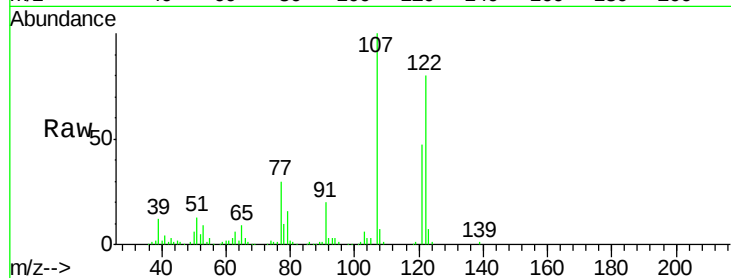




#27
2,4-Dimethylphenol
Concen: 37.333 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

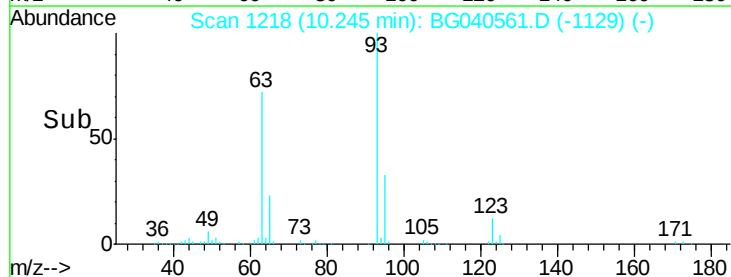
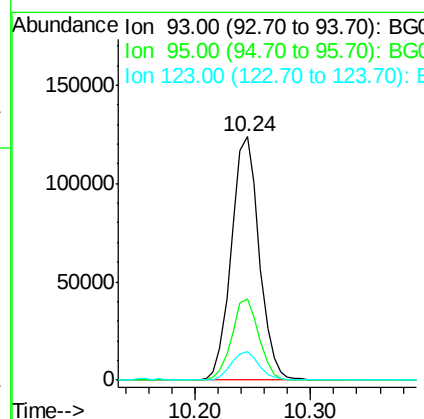
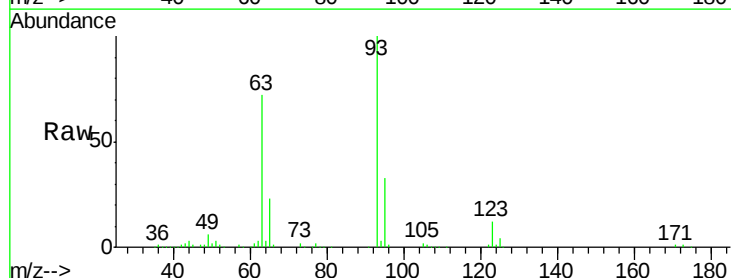
Instrument :
BNA_G
ClientSampleId :
PB119004BS

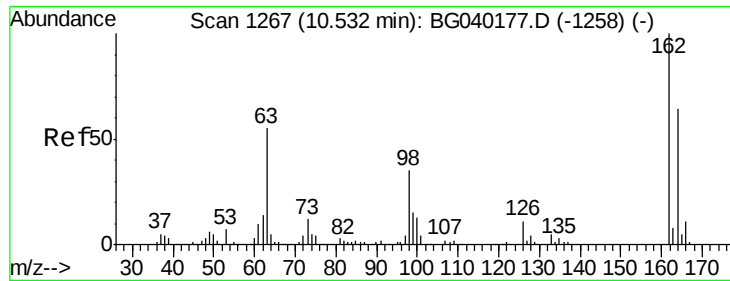
Tgt Ion:122 Resp: 160078
Ion Ratio Lower Upper
122 100
107 125.2 97.4 146.2
121 59.3 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 30.871 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion: 93 Resp: 206744
Ion Ratio Lower Upper
93 100
95 33.3 26.2 39.4
123 11.6 9.4 14.0

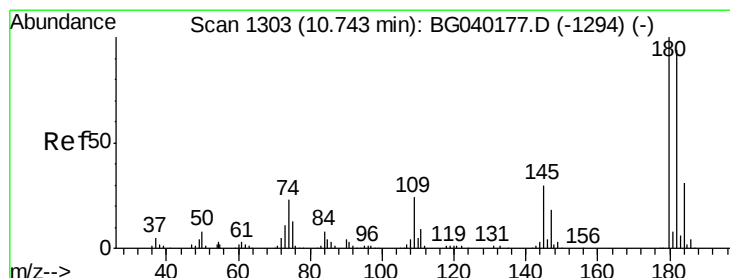
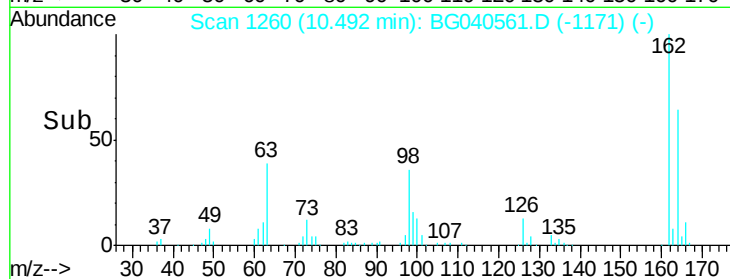
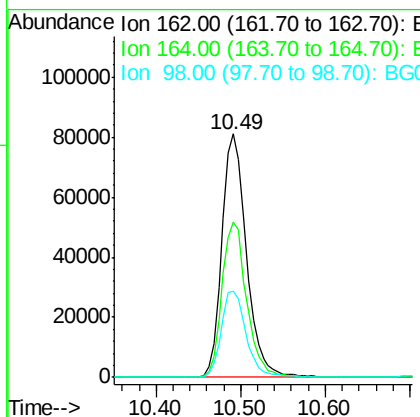
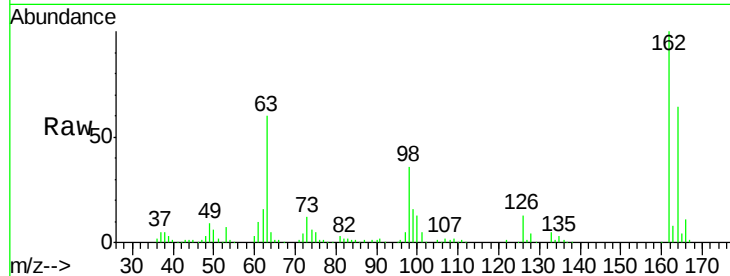




#29
 2,4-Dichlorophenol
 Concen: 35.036 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

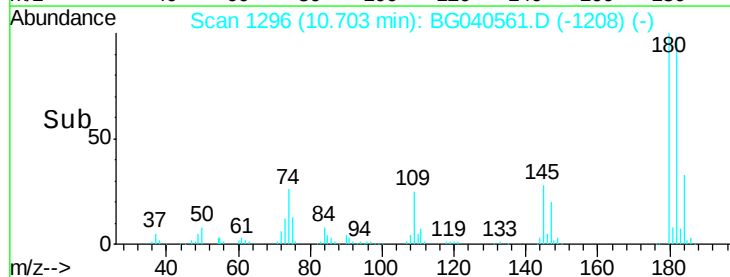
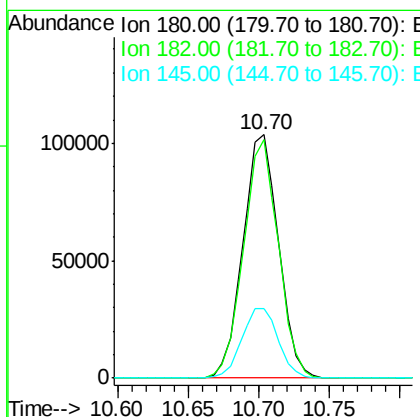
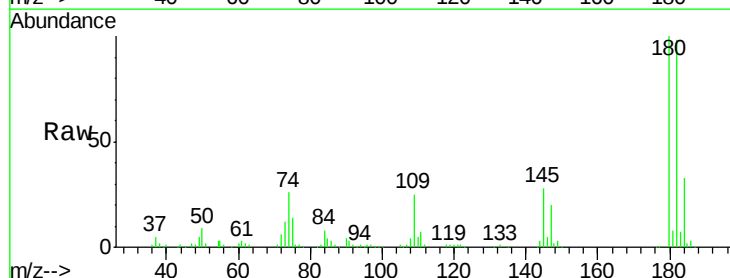
Instrument :
 BNA_G
 ClientSampleID :
 PB119004BS

Tgt Ion:162 Resp: 163061
 Ion Ratio Lower Upper
 162 100
 164 63.7 43.9 83.9
 98 35.5 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 35.875 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion:180 Resp: 183337
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.1 112.7
 145 28.3 24.1 36.1

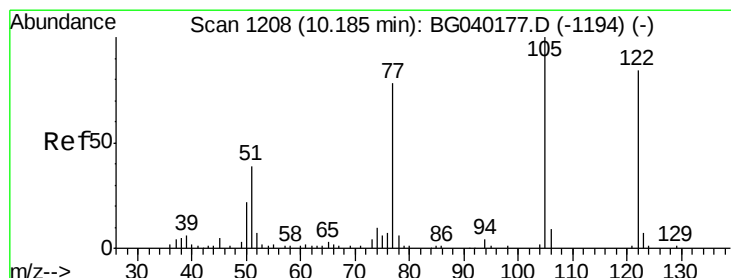
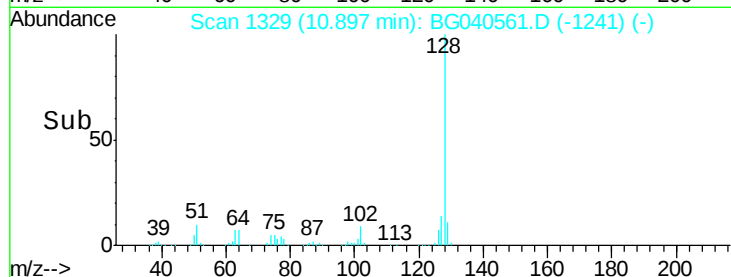
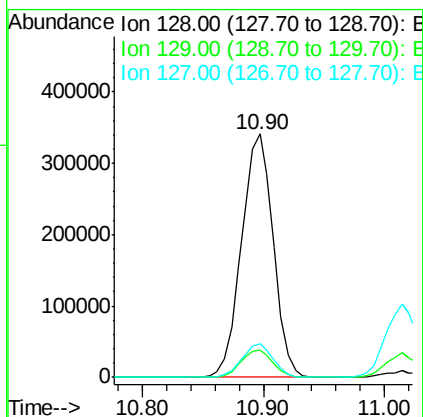
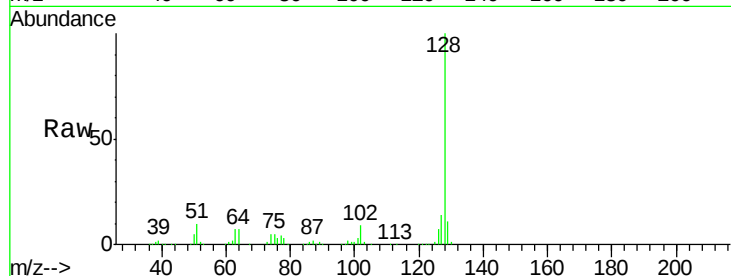




#31
Naphthalene
Concen: 41.530 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

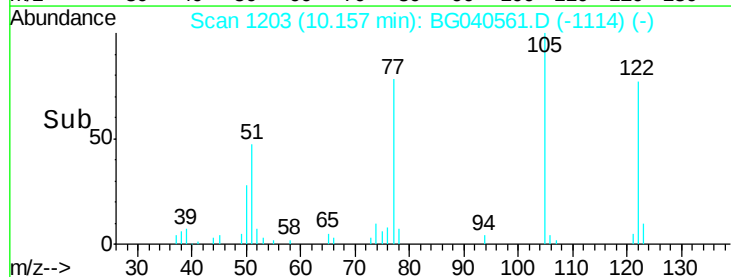
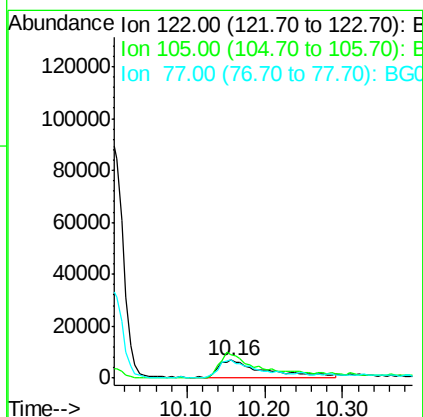
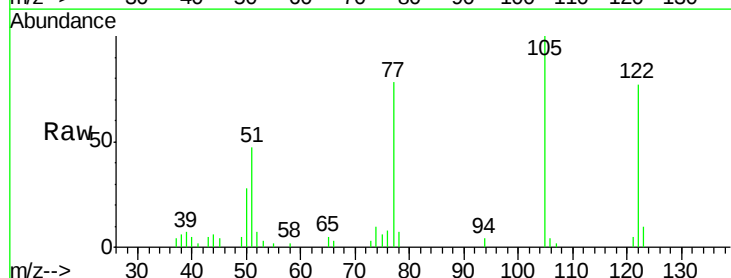
Instrument :
BNA_G
ClientSampleId :
PB119004BS

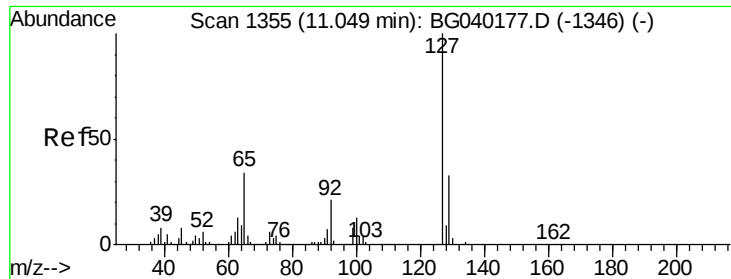
Tgt Ion:128 Resp: 622470
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.7 11.4 17.0



#32
Benzoic acid
Concen: 11.856 ng m
RT: 10.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion:122 Resp: 30715
Ion Ratio Lower Upper
122 100
105 130.0 98.2 138.2
77 101.3 73.6 113.6

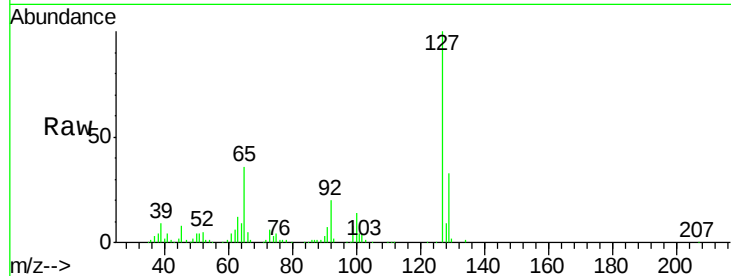




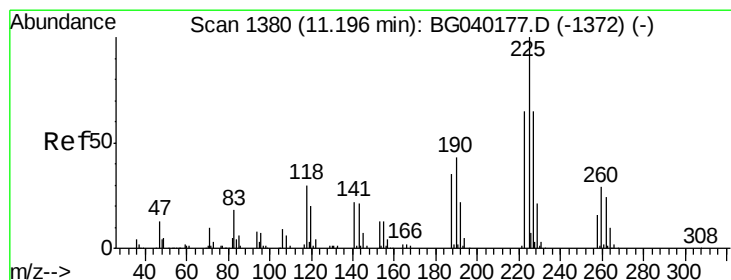
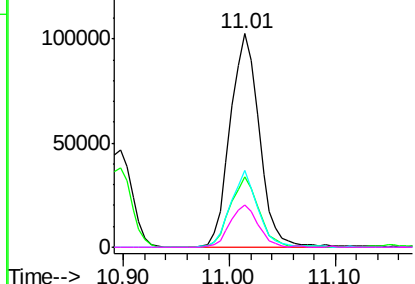
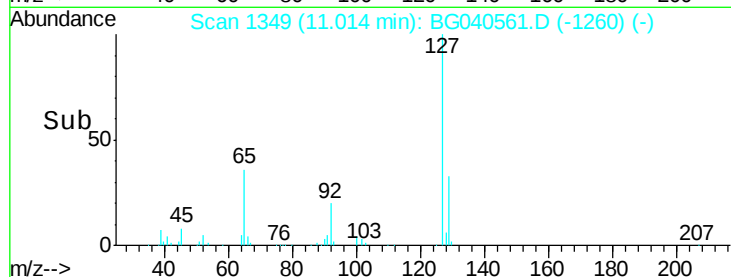
#33
4-Chloroaniline
Concen: 30.636 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Instrument :
BNA_G
ClientSampleId :
PB119004BS

Tgt Ion:	127	Resp:	195871
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	40.0
65	36.2	27.0	40.4
92	20.1	16.6	25.0

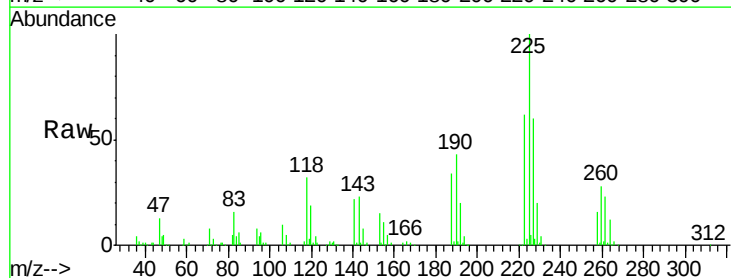


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

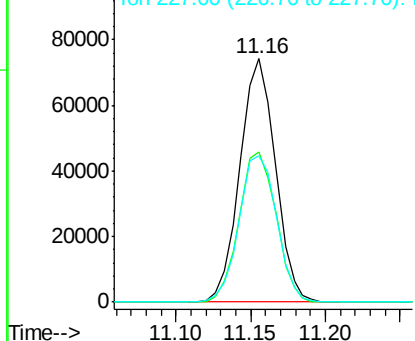
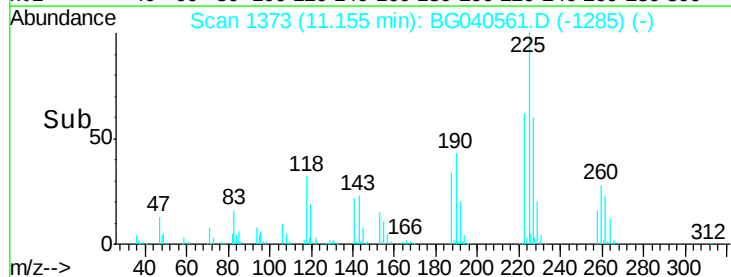


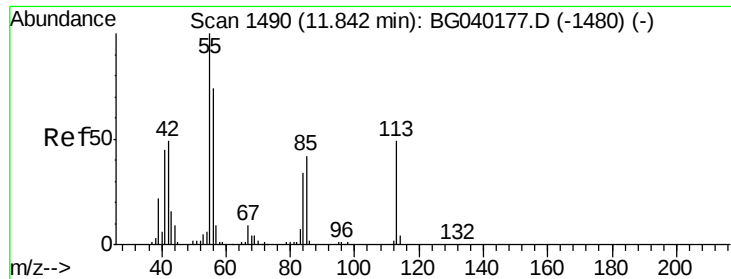
#34
Hexachlorobutadiene
Concen: 37.567 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion:	225	Resp:	122781
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.8	77.8
227	62.8	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: 55.503 ng m

RT: 11.80 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

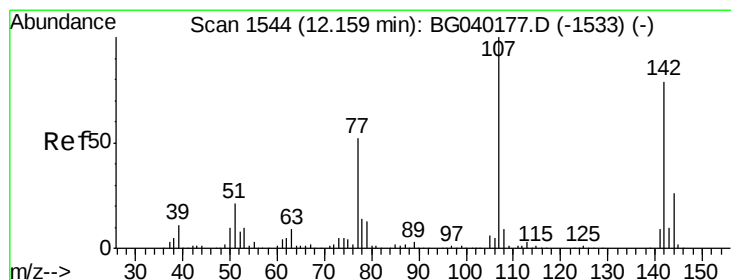
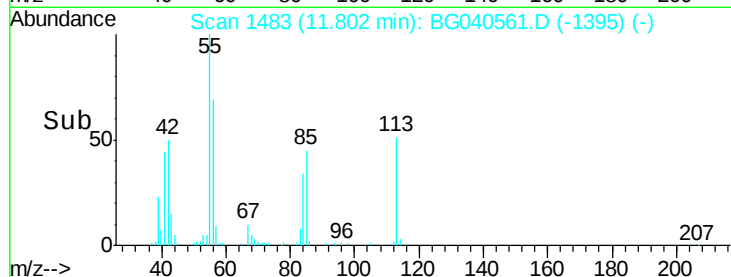
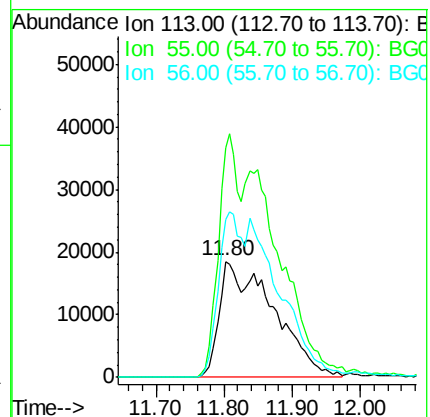
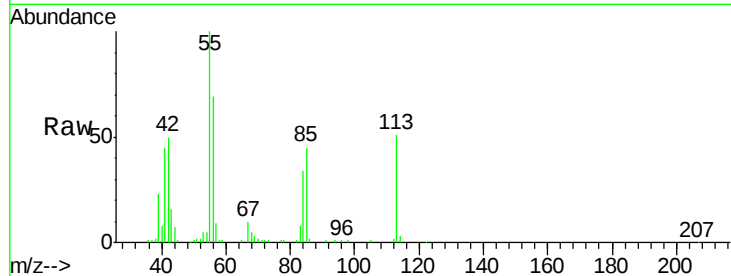
Tgt Ion:113 Resp: 102511

Ion Ratio Lower Upper

113 100

55 197.6 184.2 224.2

56 135.6 131.3 171.3



#36

4-Chloro-3-methylphenol

Concen: 51.568 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

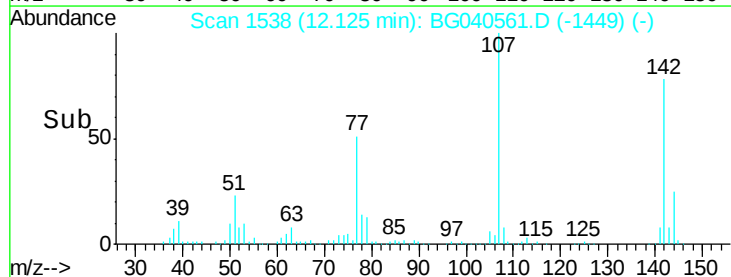
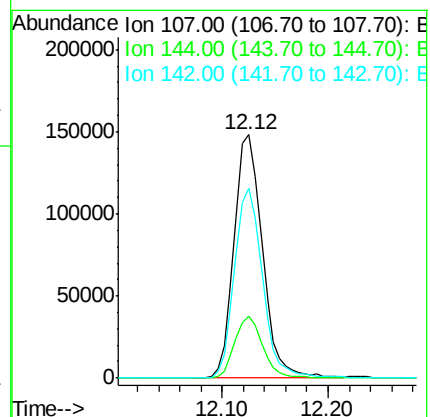
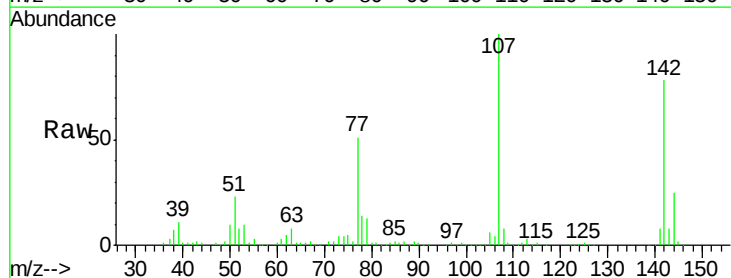
Tgt Ion:107 Resp: 275917

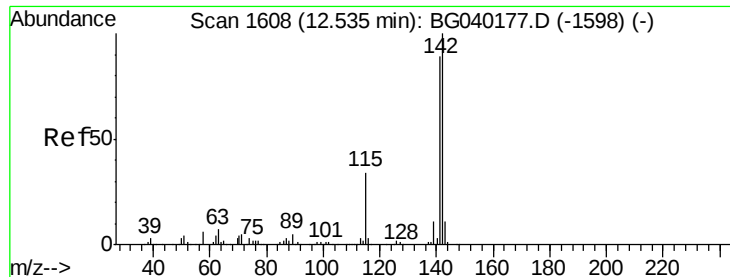
Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

142 77.8 63.1 94.7

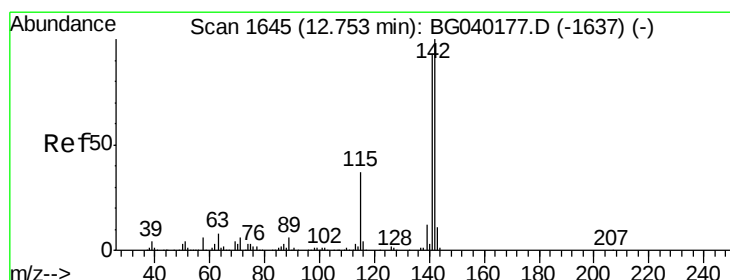
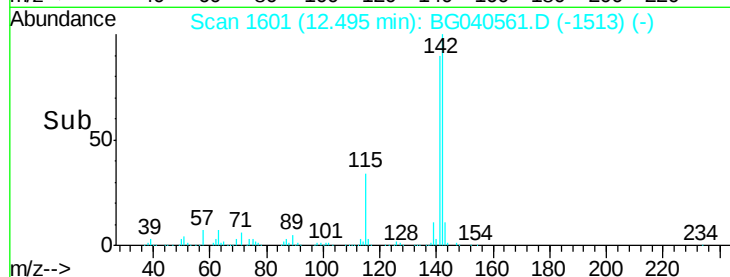
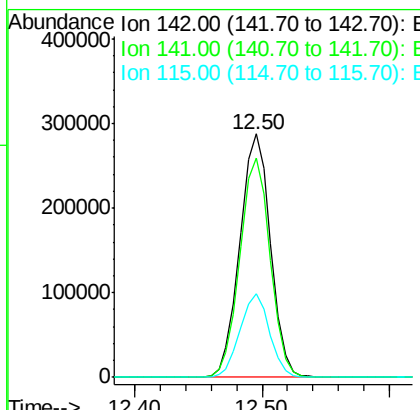
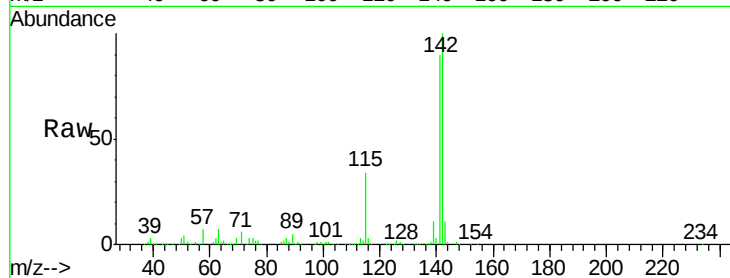




#37
 2-Methylnaphthalene
 Concen: 43.462 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

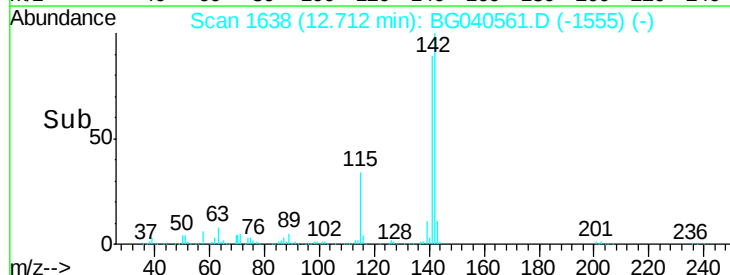
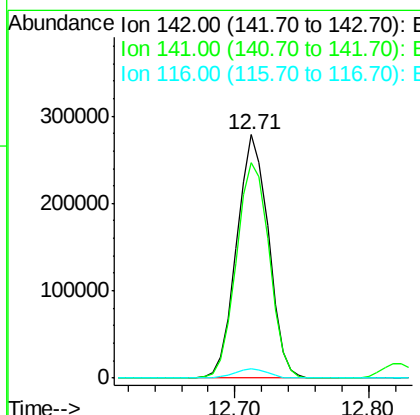
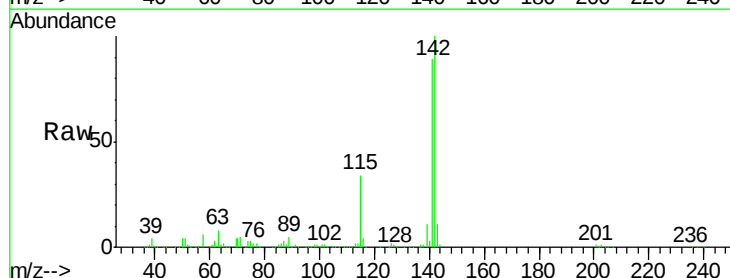
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

Tgt Ion:142 Resp: 481789
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.0 106.6
 115 34.3 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 42.607 ng
 RT: 12.71 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion:142 Resp: 458006
 Ion Ratio Lower Upper
 142 100
 141 88.7 74.2 111.4
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

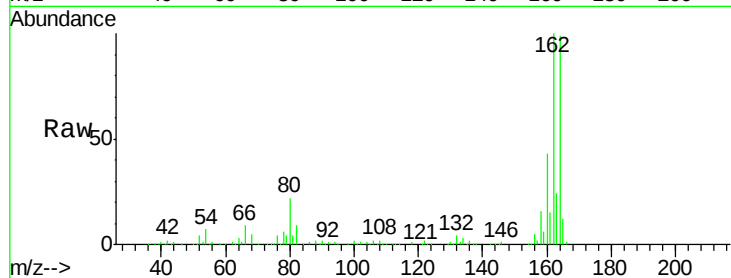
Tgt Ion:164 Resp: 189325

Ion Ratio Lower Upper

164 100

162 101.4 77.4 116.2

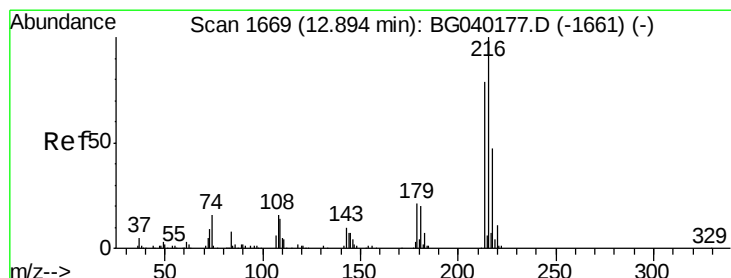
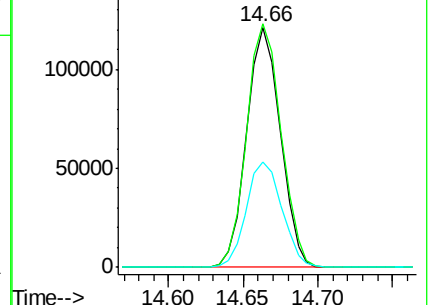
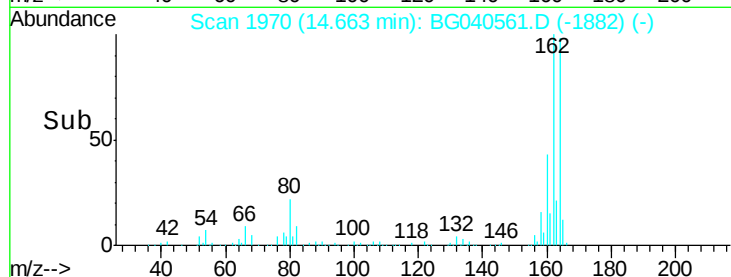
160 43.6 35.3 52.9



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: 39.645 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Tgt Ion:216 Resp: 238559

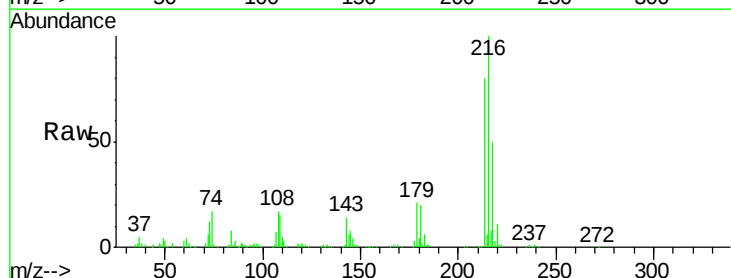
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 20.6 16.6 25.0

108 19.7 13.8 20.8

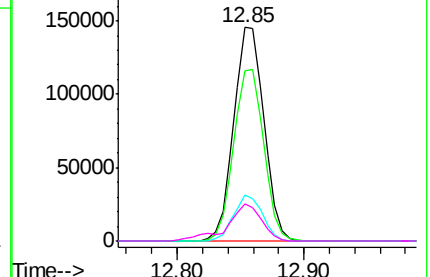
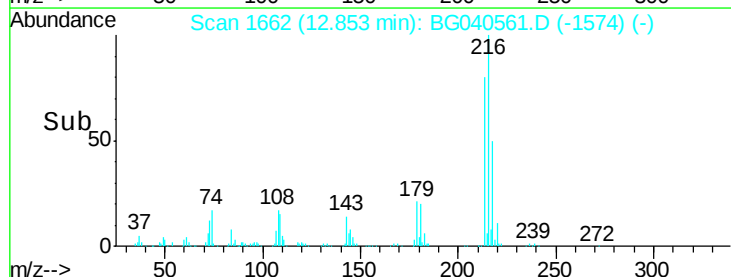


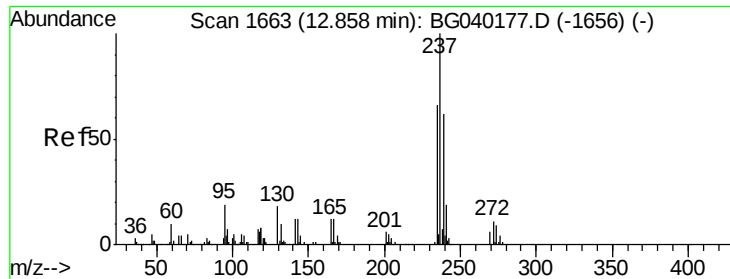
Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.099 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

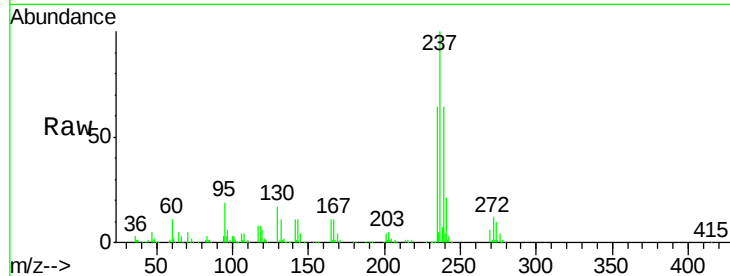
Tgt Ion: 237 Resp: 228304

Ion Ratio Lower Upper

237 100

235 63.8 46.2 86.2

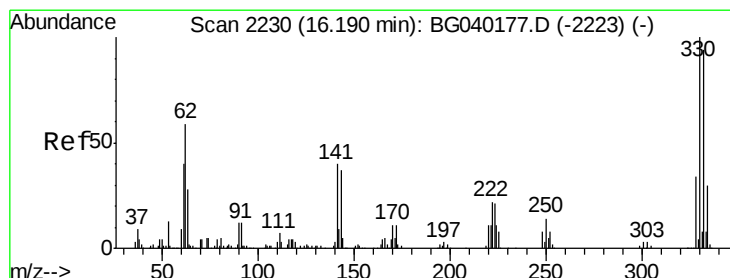
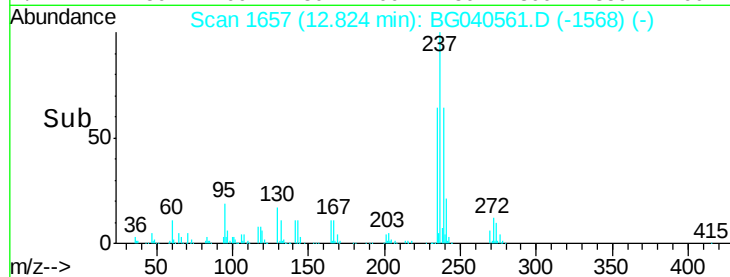
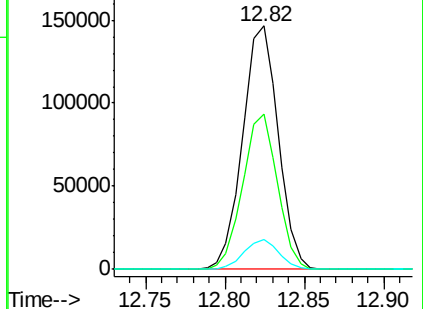
272 12.3 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 154.082 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

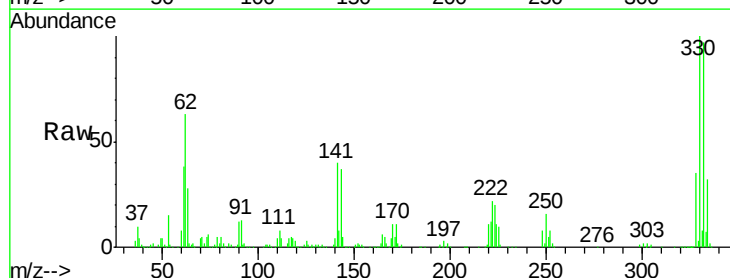
Tgt Ion: 330 Resp: 315269

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

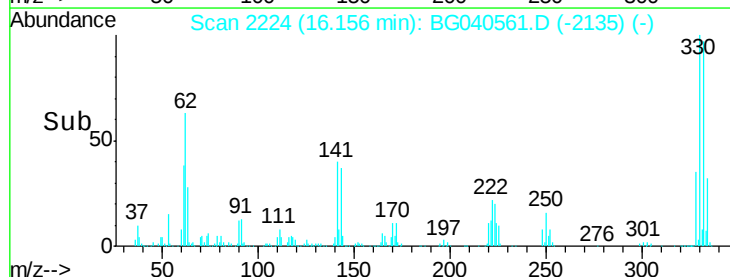
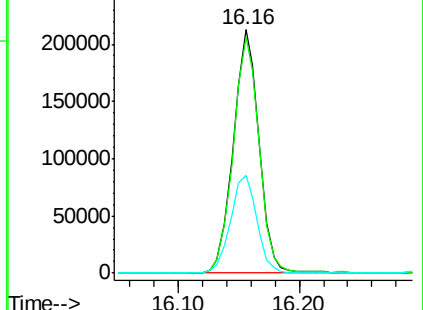
141 41.1 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

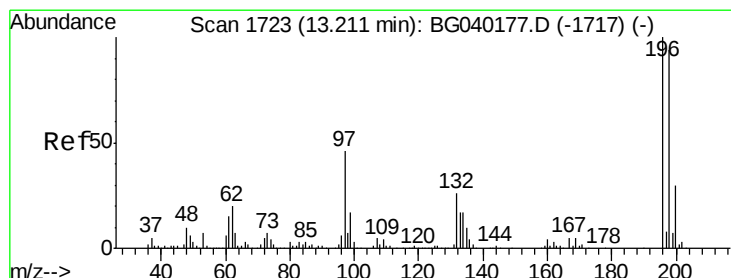
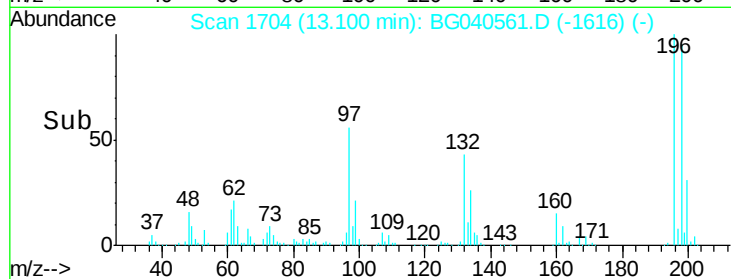
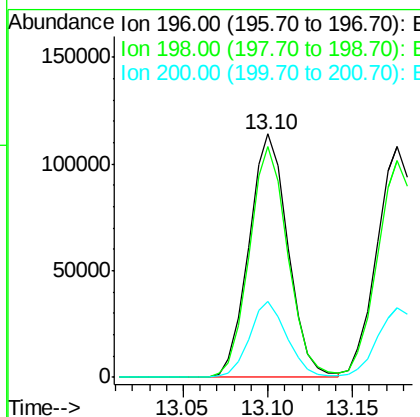
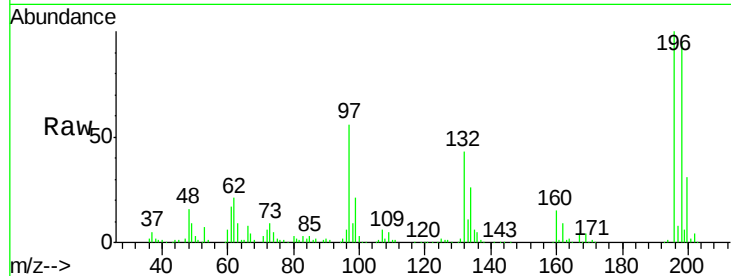




#43
 2,4,6-Trichlorophenol
 Concen: 47.262 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

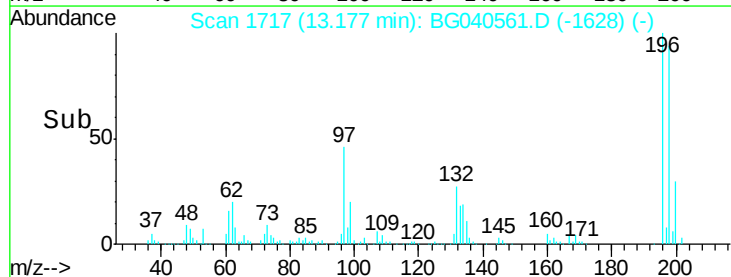
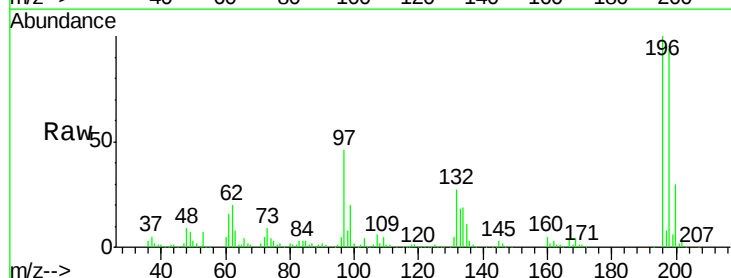
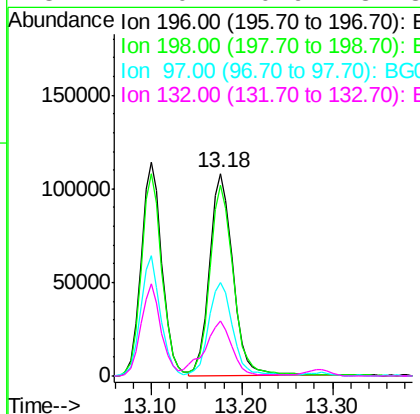
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

Tgt Ion:196 Resp: 183359
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.3 117.5
 200 31.1 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.942 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion:196 Resp: 194273
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.0 112.6
 97 45.8 37.3 55.9
 132 27.0 20.9 31.3

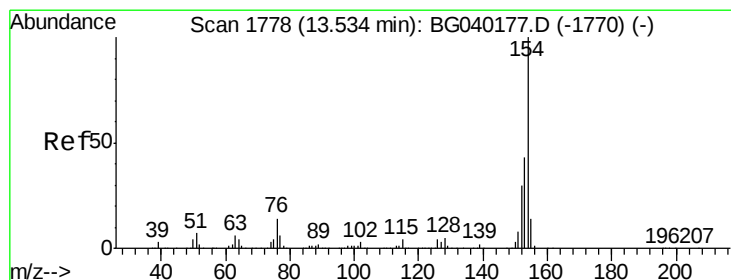
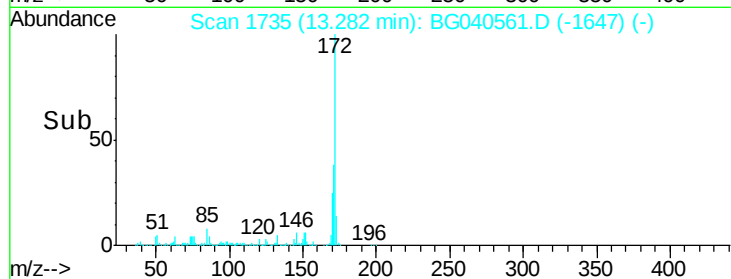
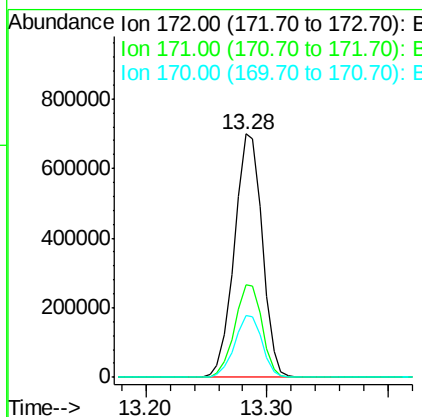
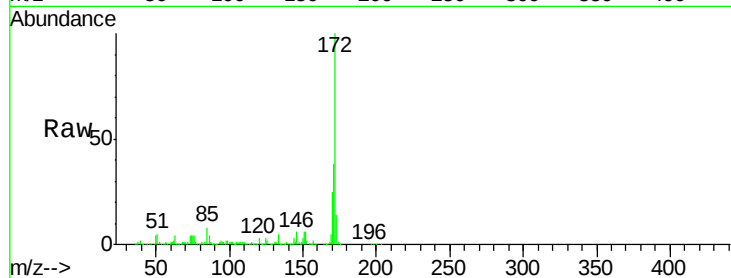




#45
2-Fluorobiphenyl
Concen: 87.920 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

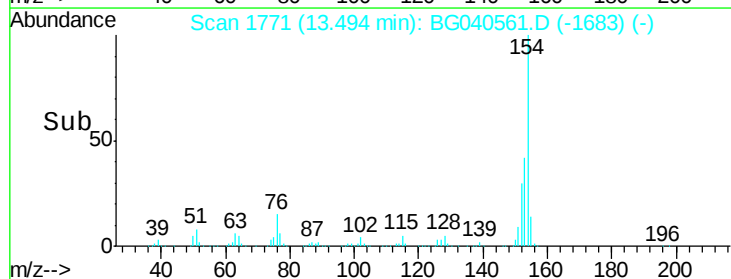
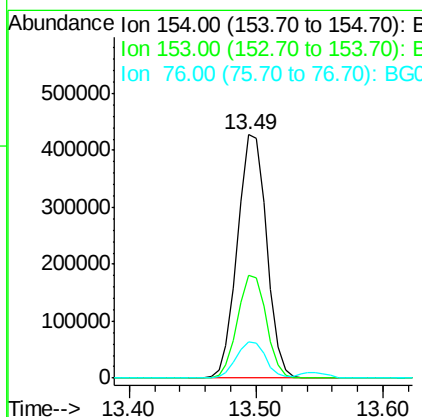
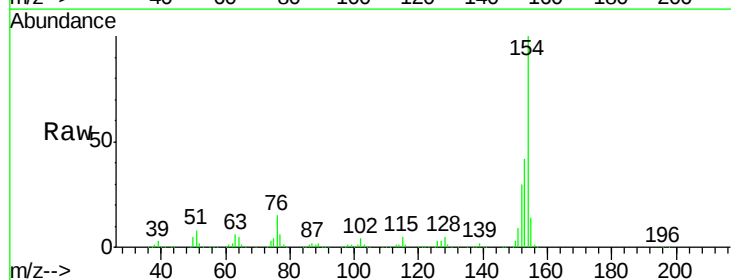
Instrument :
BNA_G
ClientSampleId :
PB119004BS

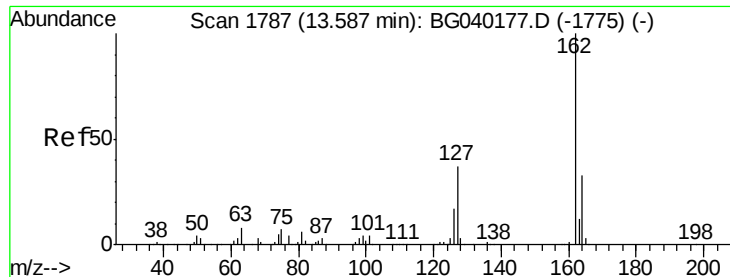
Tgt Ion:172 Resp: 1123355
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 25.4 20.1 30.1



#46
1,1'-Biphenyl
Concen: 45.435 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion:154 Resp: 679662
Ion Ratio Lower Upper
154 100
153 42.0 22.5 62.5
76 15.1 0.0 33.7

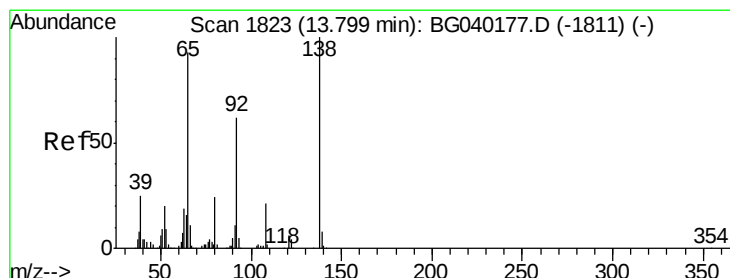
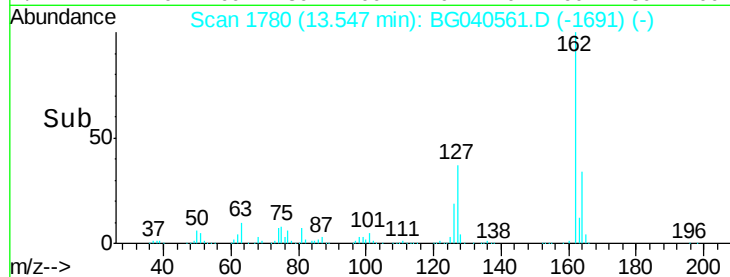
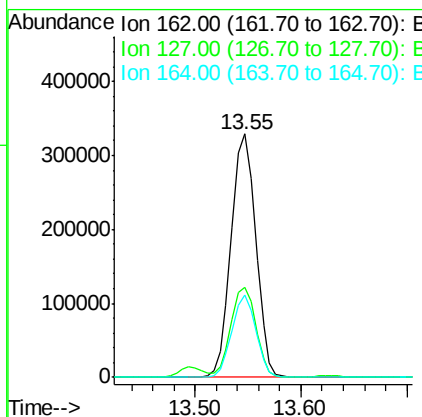
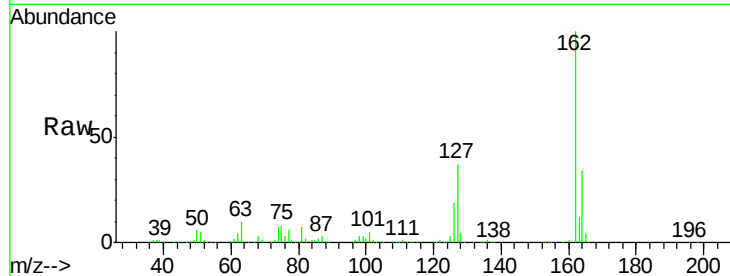




#47
 2-Chloronaphthalene
 Concen: 46.251 ng
 RT: 13.55 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

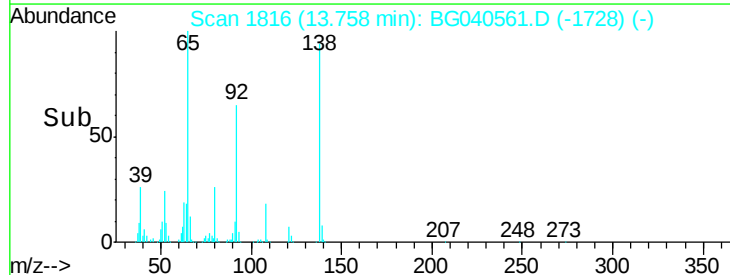
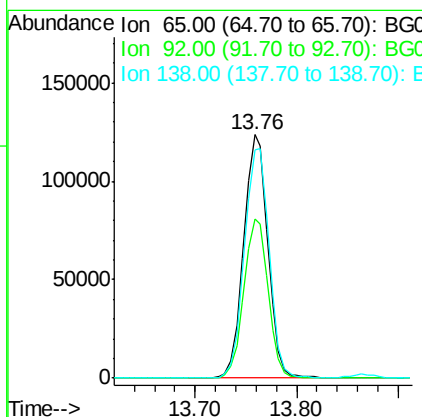
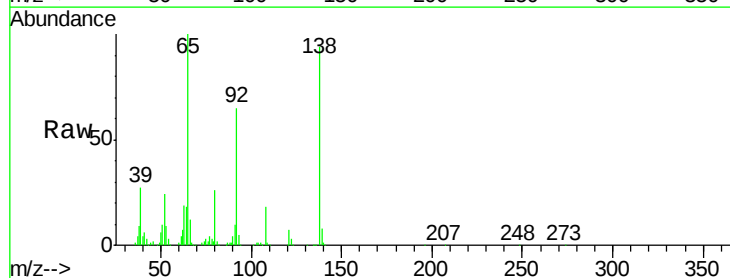
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

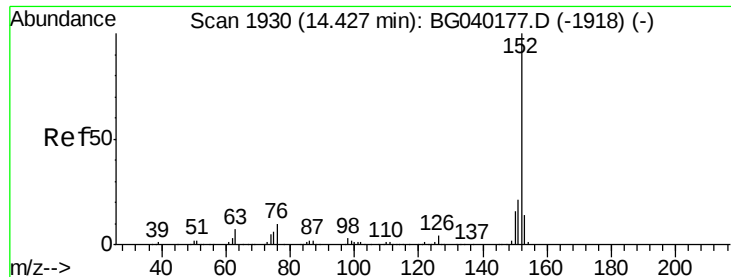
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.6	45.8
164	33.9	26.2	39.4



#48
 2-Nitroaniline
 Concen: 52.790 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	53.8	80.6
138	93.9	86.3	129.5





#49

Acenaphthylene

Concen: 42.151 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

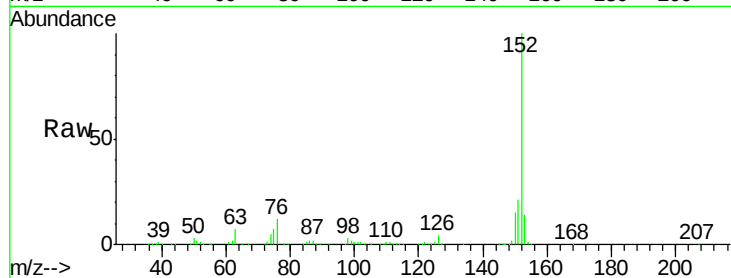
Tgt Ion:152 Resp: 820051

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.6

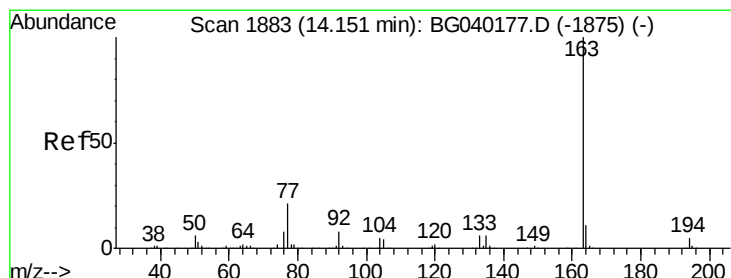
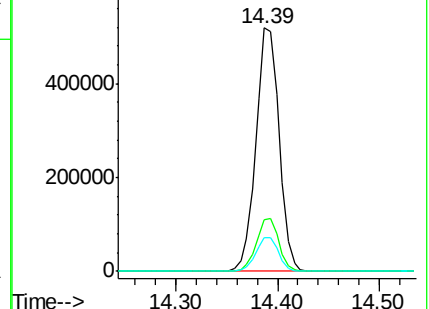
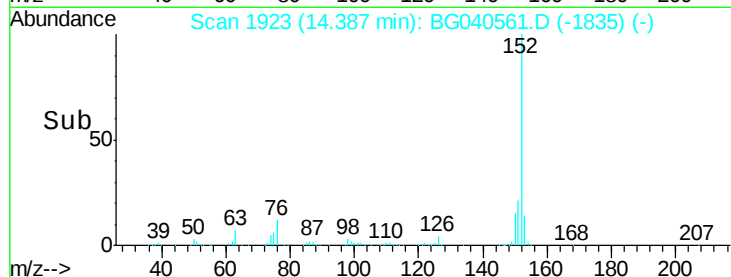
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.287 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

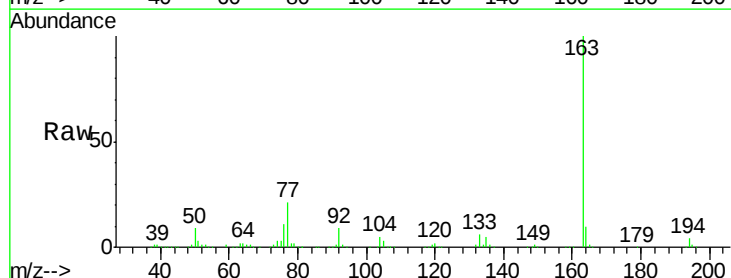
Tgt Ion:163 Resp: 656217

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

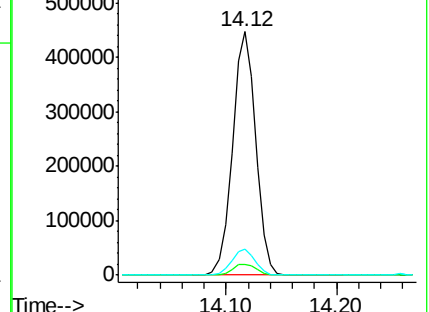
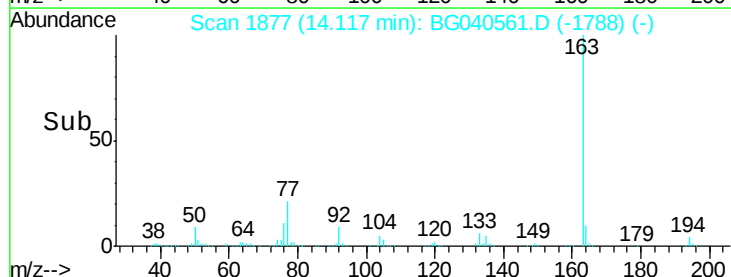
164 10.4 8.6 13.0

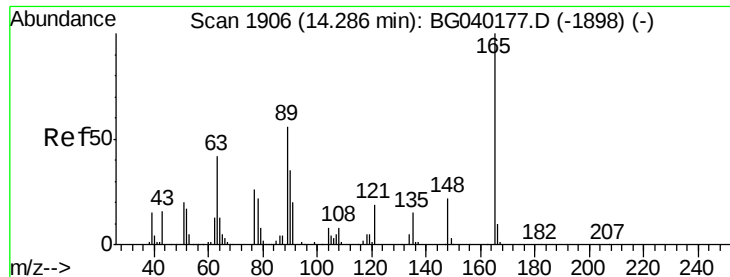


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

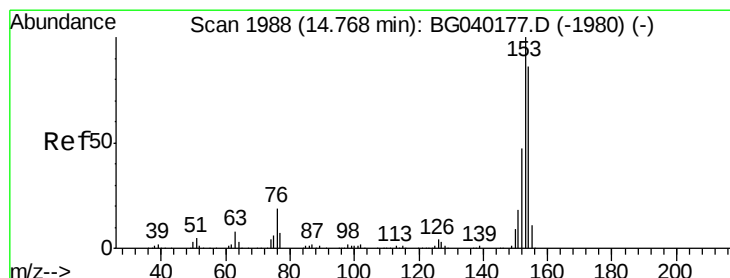
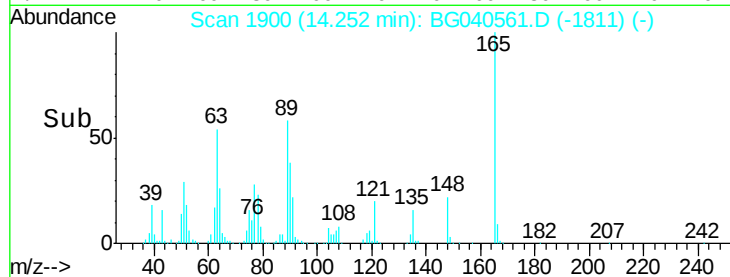
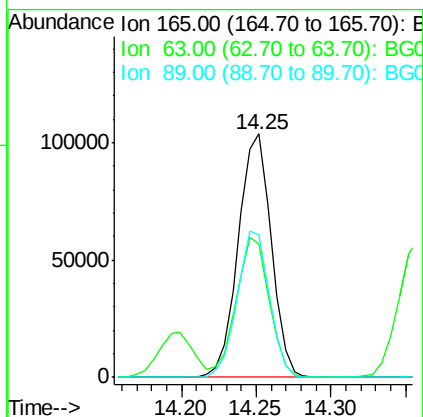
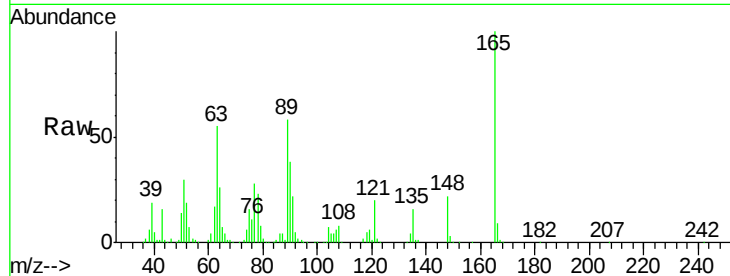




#51
 2,6-Dinitrotoluene
 Concen: 47.774 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

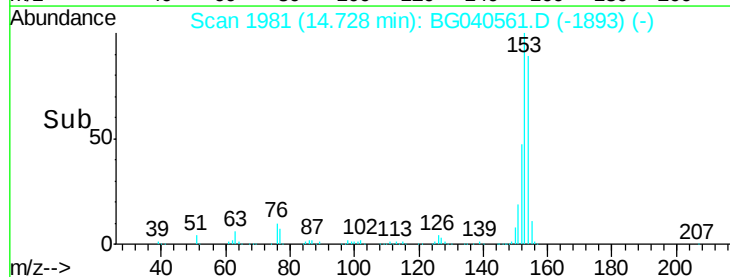
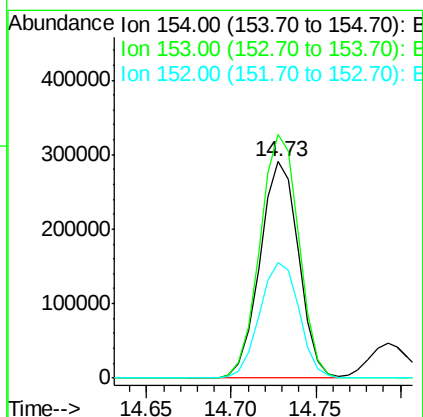
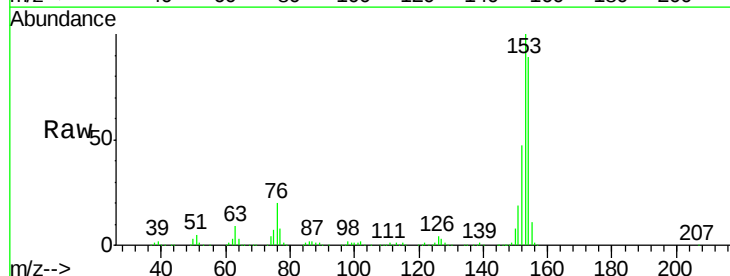
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

Tgt Ion:165 Resp: 158946
 Ion Ratio Lower Upper
 165 100
 63 54.6 44.1 66.1
 89 58.5 44.9 67.3



#52
 Acenaphthene
 Concen: 41.415 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion:154 Resp: 461690
 Ion Ratio Lower Upper
 154 100
 153 112.5 92.8 139.2
 152 53.3 43.4 65.2





#53

3-Nitroaniline

Concen: 35.104 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

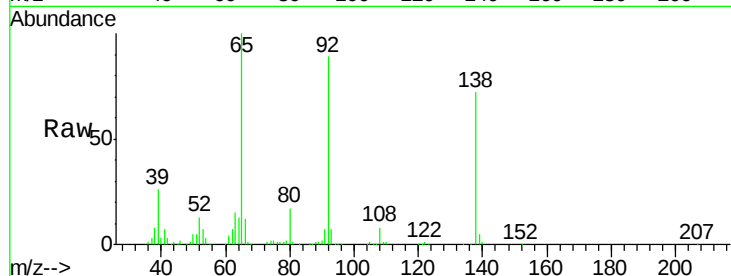
Tgt Ion:138 Resp: 123629

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

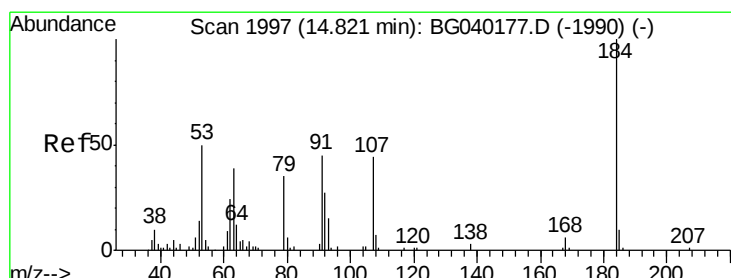
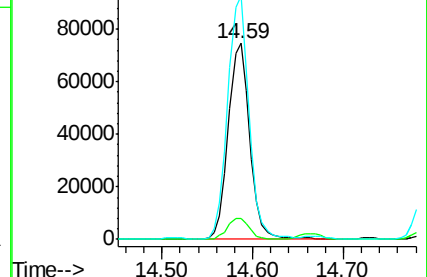
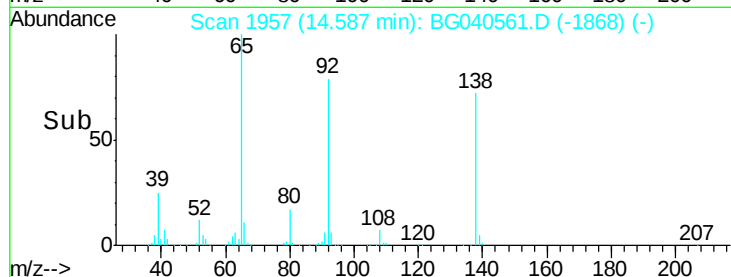
92 124.2 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 82.466 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

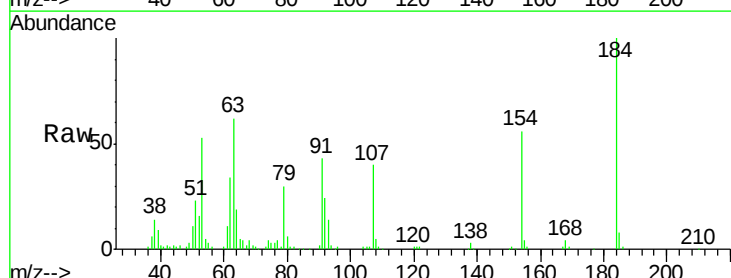
Tgt Ion:184 Resp: 145915

Ion Ratio Lower Upper

184 100

63 61.9 51.8 77.8

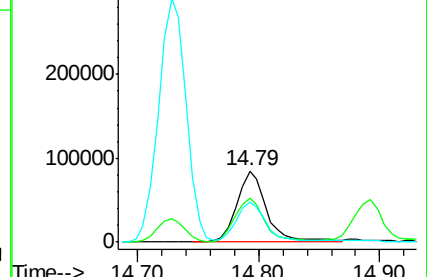
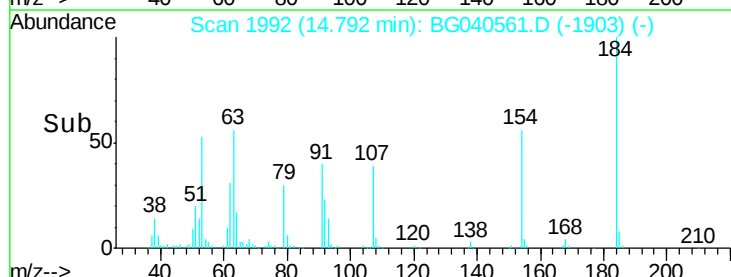
154 55.6 50.9 76.3

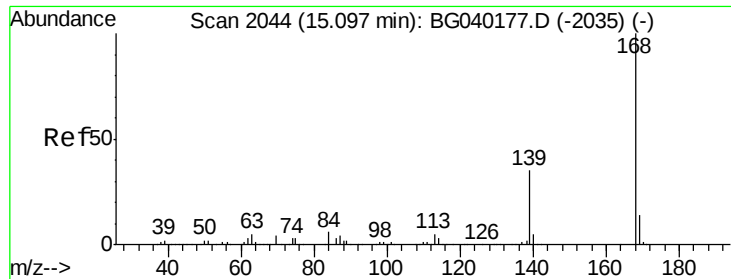


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.760 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

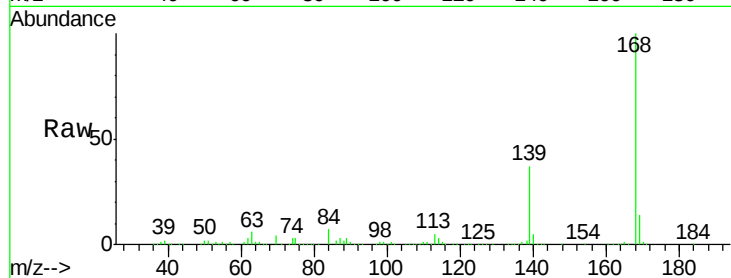
Tgt Ion:168 Resp: 783878

Ion Ratio Lower Upper

168 100

139 36.8 27.9 41.9

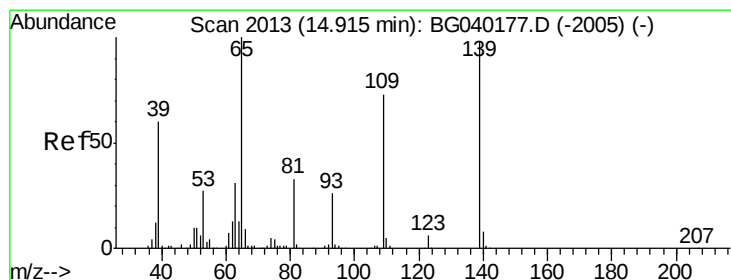
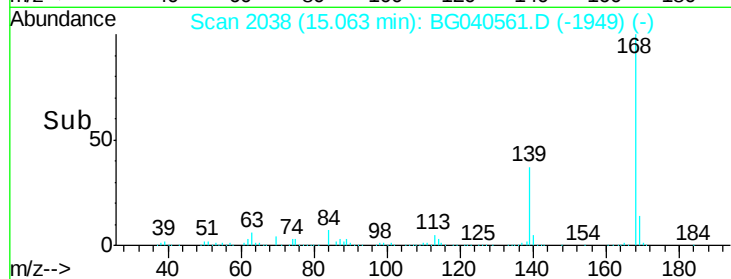
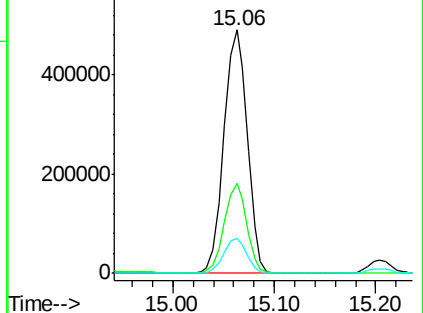
169 14.2 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 96.702 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

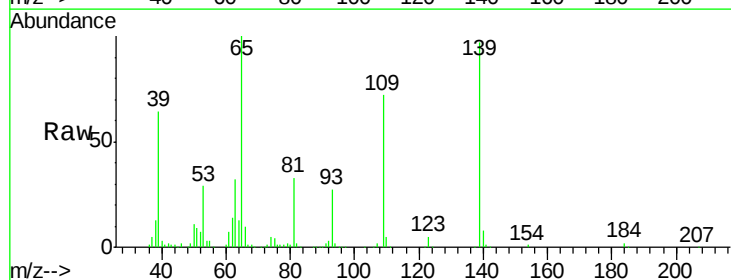
Tgt Ion:139 Resp: 274860

Ion Ratio Lower Upper

139 100

109 73.9 54.3 94.3

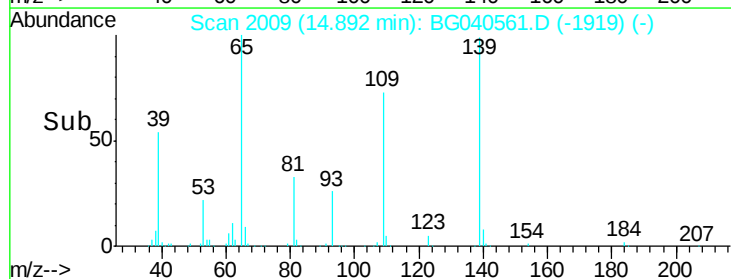
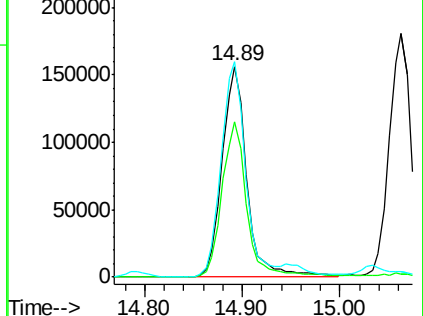
65 102.6 82.5 122.5

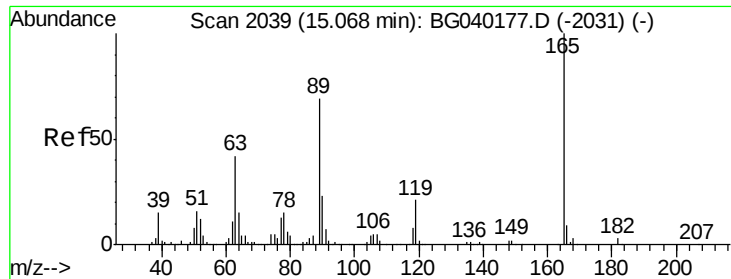


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

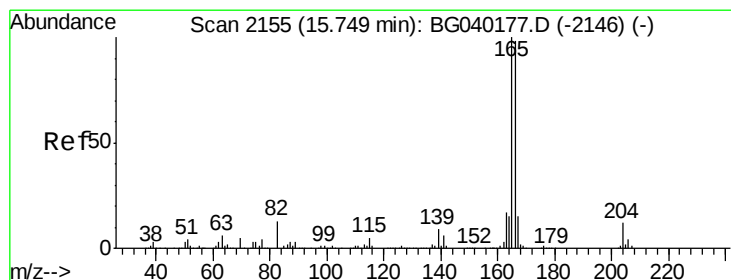
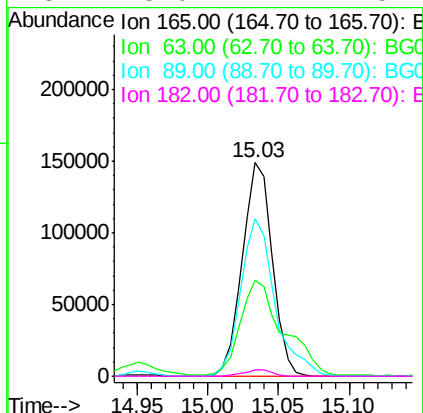
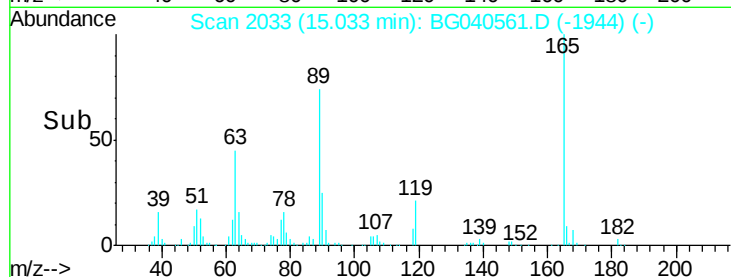
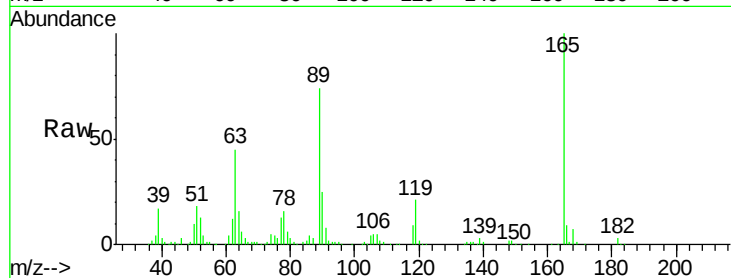




#57
2,4-Dinitrotoluene
Concen: 47.999 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

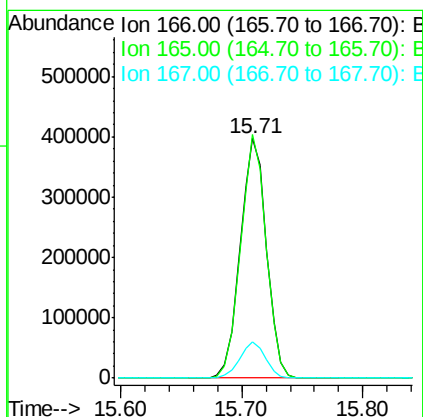
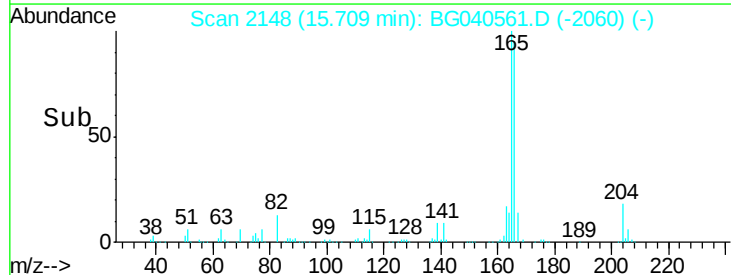
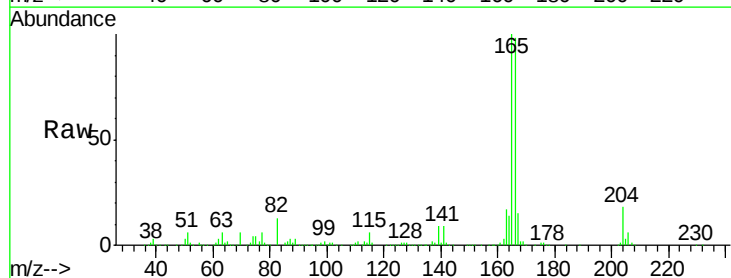
Instrument :
BNA_G
ClientSampleId :
PB119004BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.9	33.8	50.6
89	73.9	55.4	83.2
182	3.0	2.2	3.4



#58
Fluorene
Concen: 42.585 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG040561.D
Acq: 19 Apr 2019 14:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	81.7	122.5
167	15.3	11.9	17.9

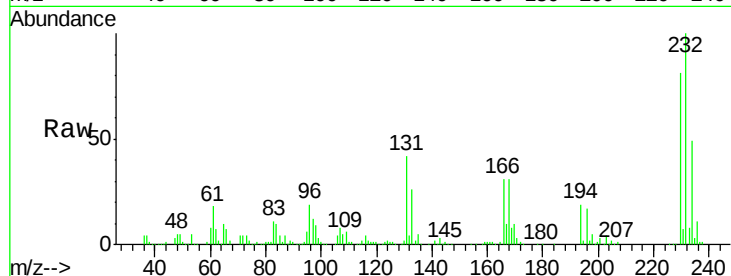




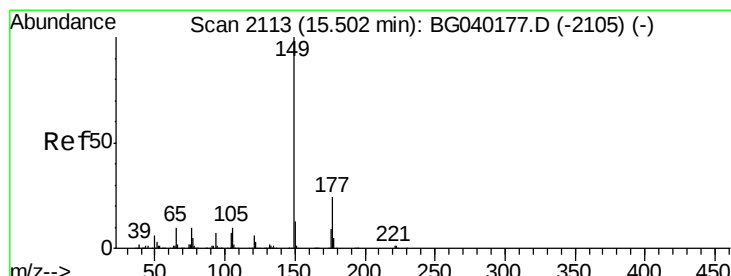
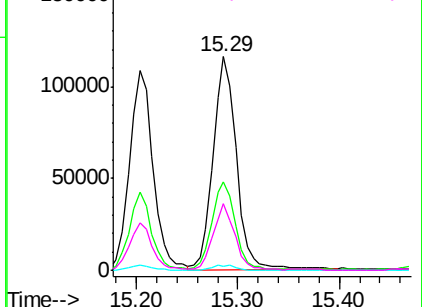
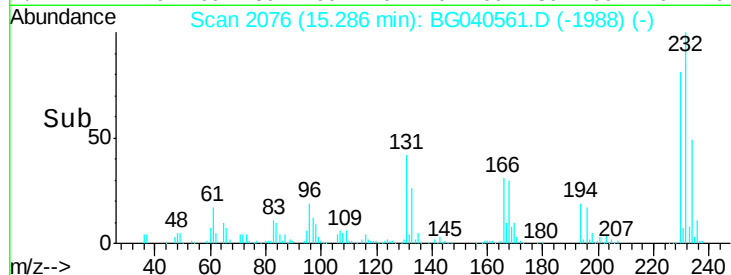
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.366 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

Tgt Ion:	232	Resp:	185596
Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.9	49.3
130	2.4	1.8	2.8
166	28.5	23.5	35.3

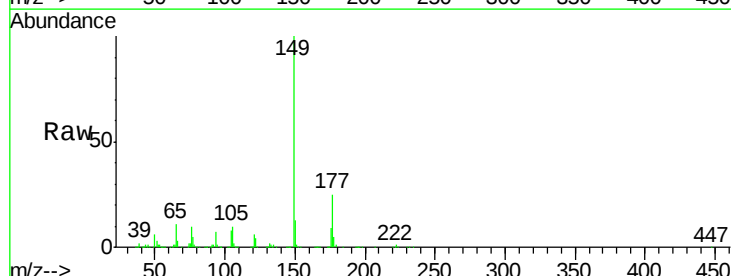


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

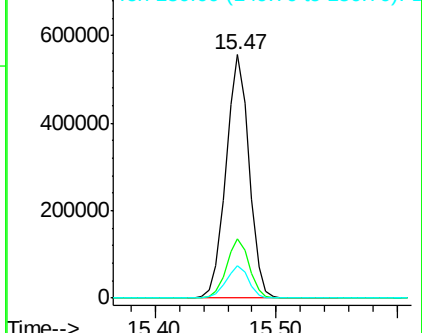
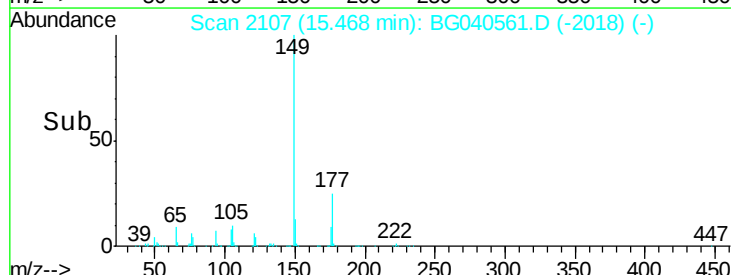


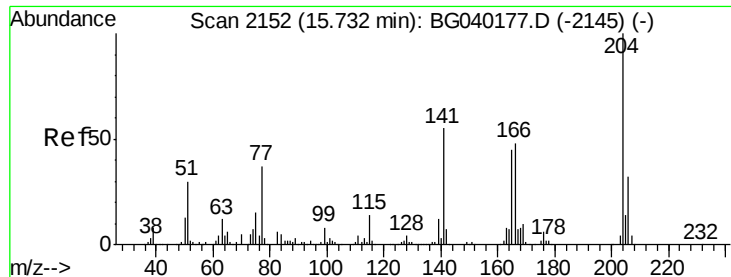
#60
 Diethylphthalate
 Concen: 48.476 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion:	149	Resp:	735021
Ion	Ratio	Lower	Upper
149	100		
177	24.5	19.1	28.7
150	13.2	10.6	15.8



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

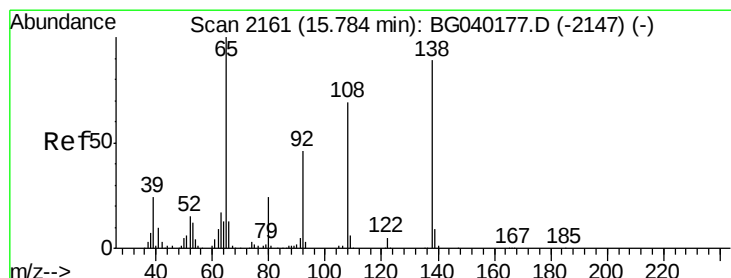
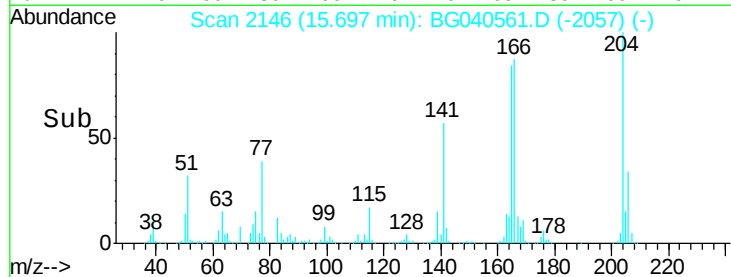
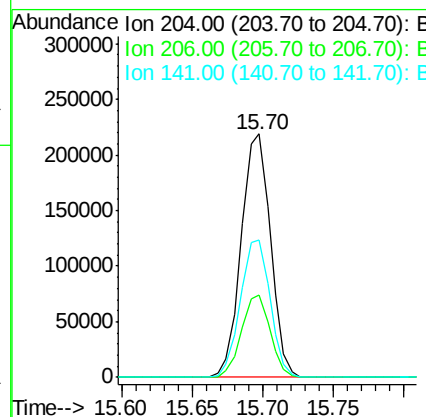
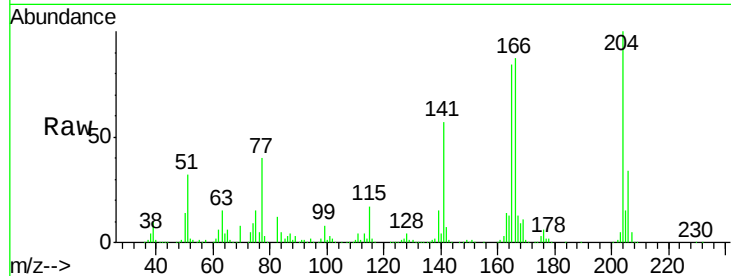




#61
 4-Chlorophenyl-phenylether
 Concen: 42.170 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

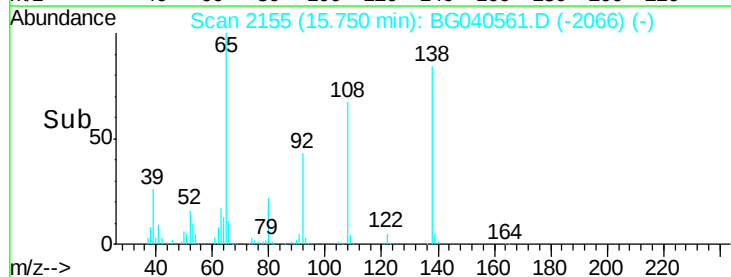
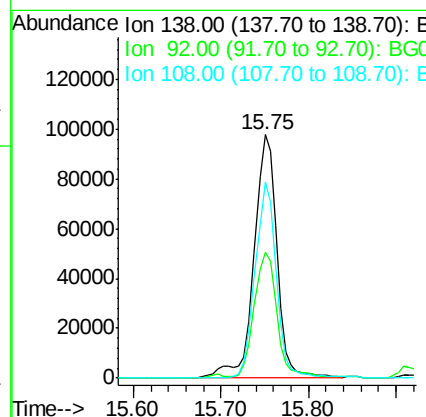
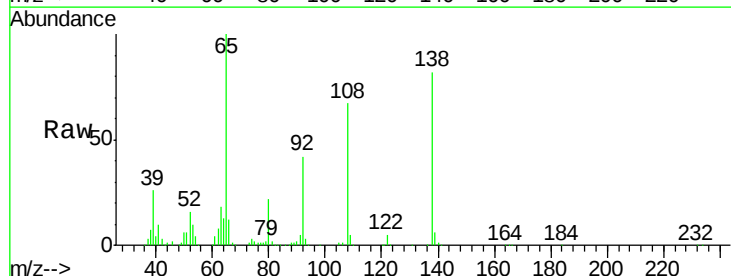
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

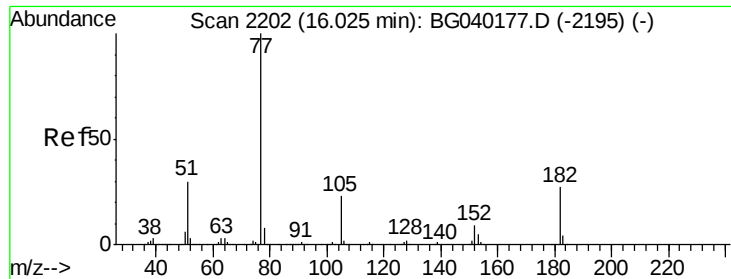
Tgt Ion: 204 Resp: 317461
 Ion Ratio Lower Upper
 204 100
 206 33.6 25.7 38.5
 141 56.5 44.0 66.0



#62
 4-Nitroaniline
 Concen: 46.147 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion: 138 Resp: 174410
 Ion Ratio Lower Upper
 138 100
 92 51.5 31.8 71.8
 108 80.7 57.2 97.2





#63

Azobenzene

Concen: 45.268 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

Tgt Ion: 77 Resp: 647424

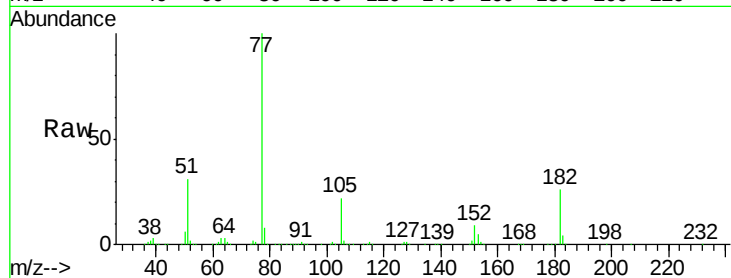
Ion Ratio Lower Upper

77 100

182 26.1 7.2 47.2

105 22.1 2.8 42.8

51 30.8 10.4 50.4

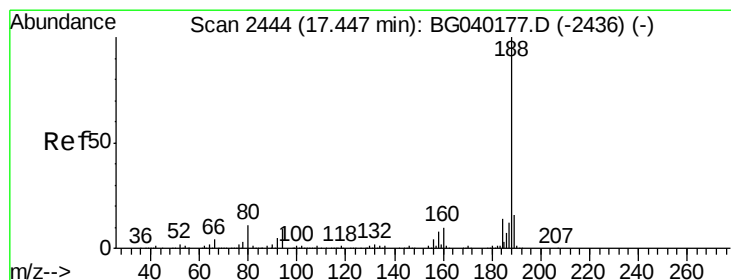
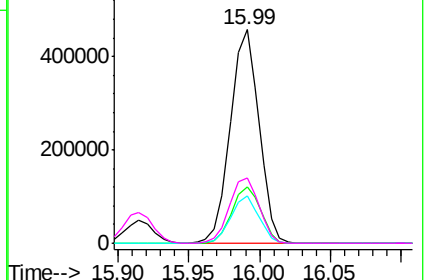
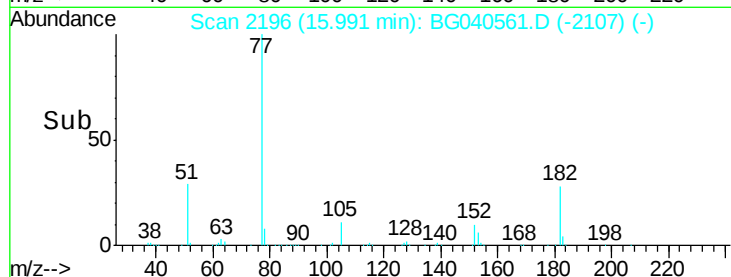


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

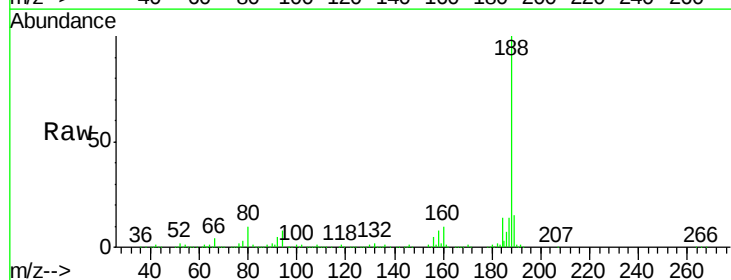
Tgt Ion: 188 Resp: 402981

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

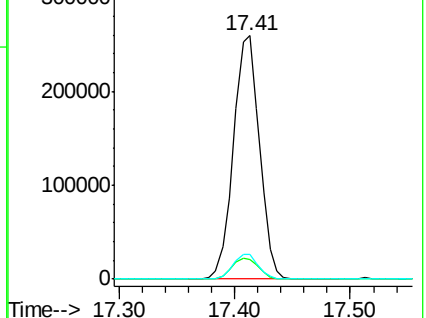
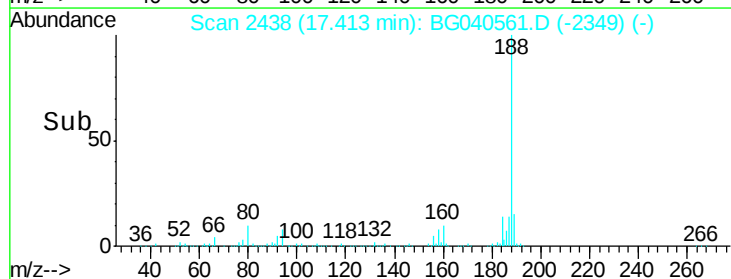
80 10.2 8.6 13.0



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: 52.051 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

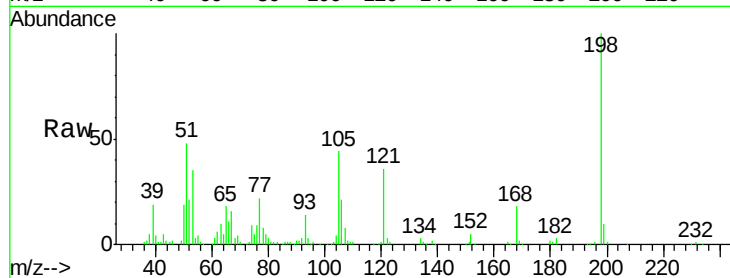
Tgt Ion:198 Resp: 117845

Ion Ratio Lower Upper

198 100

51 47.9 27.3 67.3

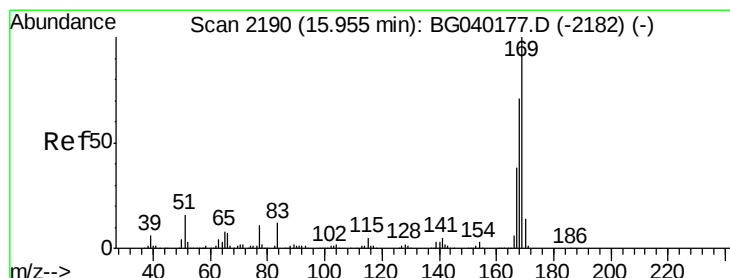
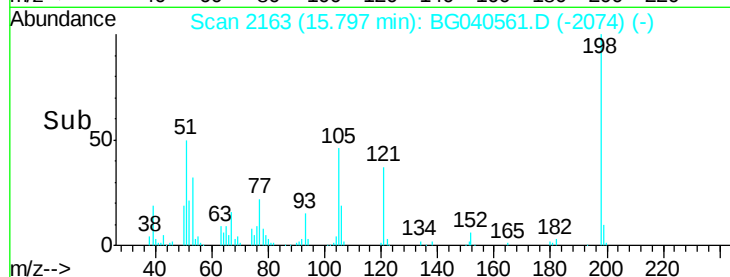
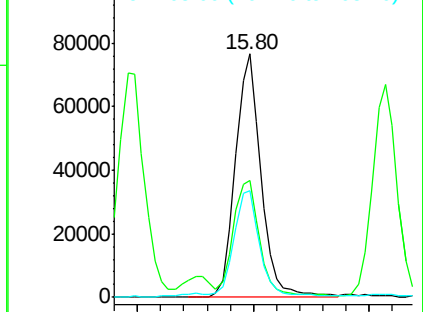
105 43.9 21.7 61.7



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: 50.492 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

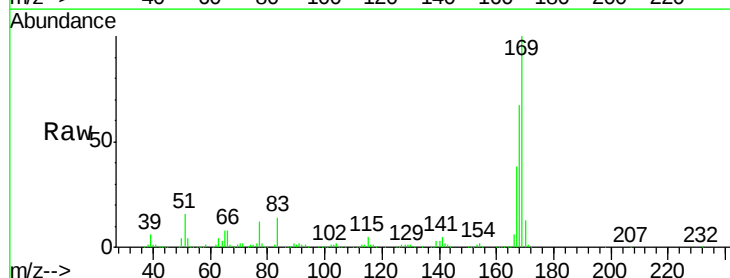
Tgt Ion:169 Resp: 595422

Ion Ratio Lower Upper

169 100

168 67.4 56.8 85.2

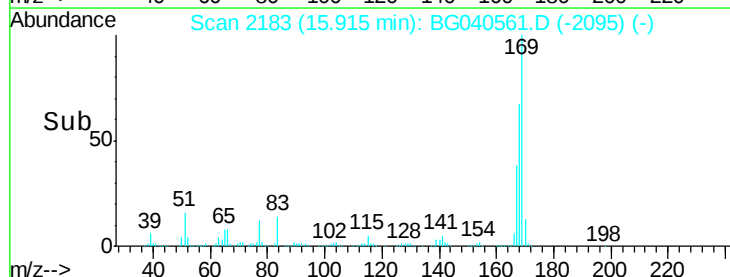
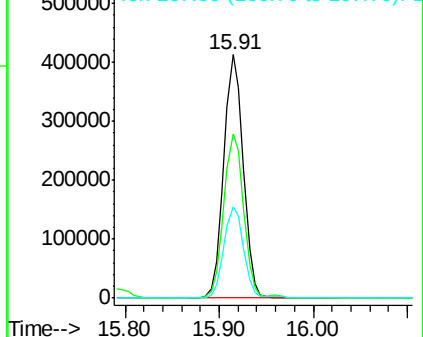
167 37.6 30.2 45.4



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

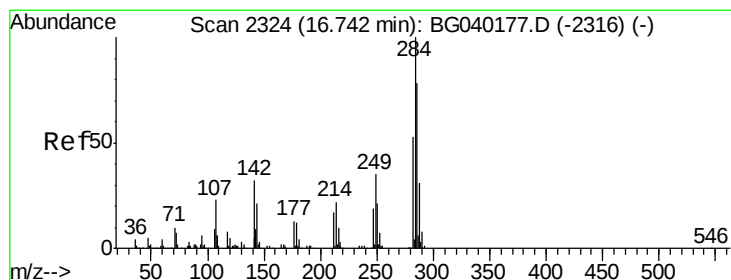
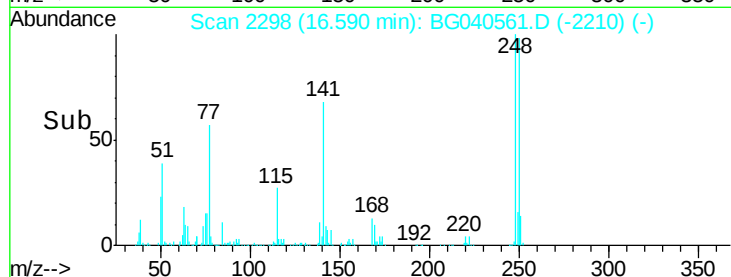
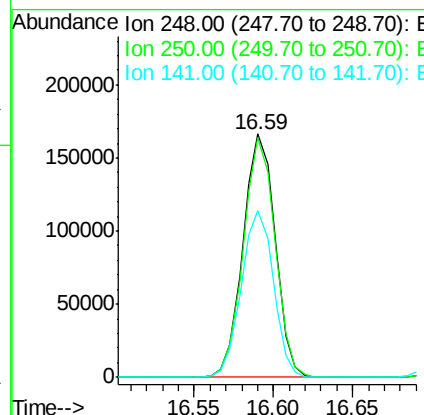
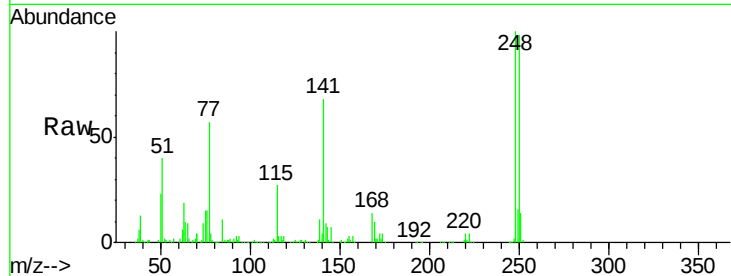




#67
 4-Bromophenyl-phenylether
 Concen: 51.521 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

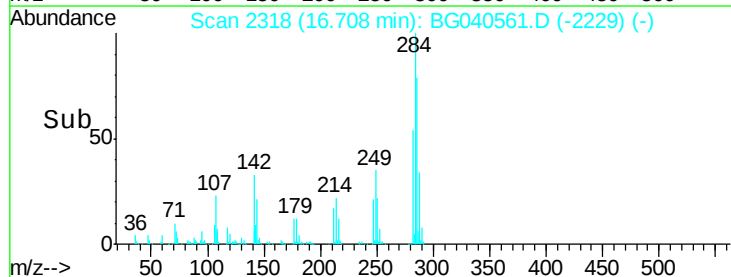
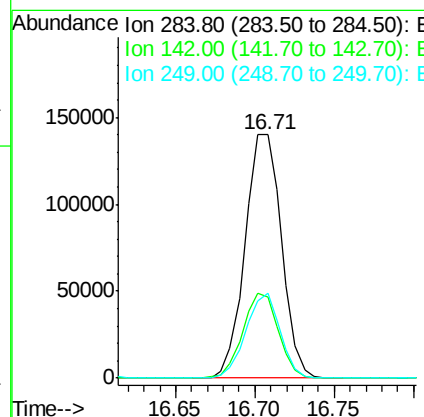
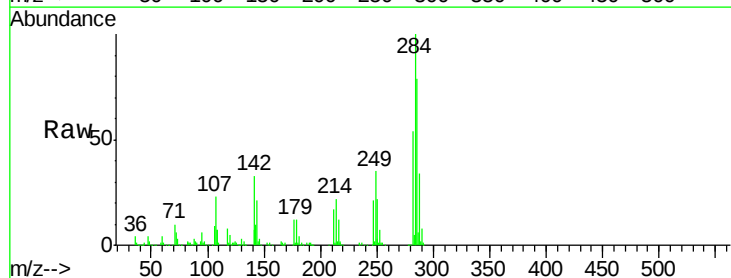
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

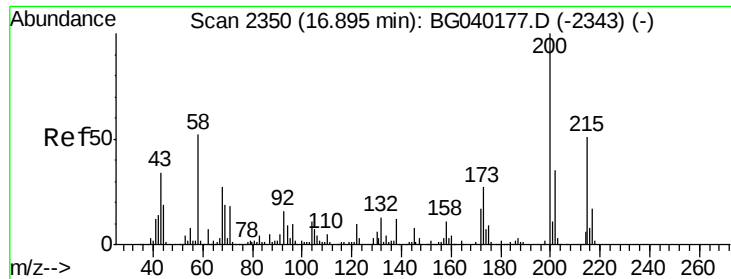
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.4	114.6
141	68.3	53.8	80.8



#68
 Hexachlorobenzene
 Concen: 49.002 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	25.3	37.9
249	34.7	28.2	42.2





#69

Atrazine

Concen: 50.103 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

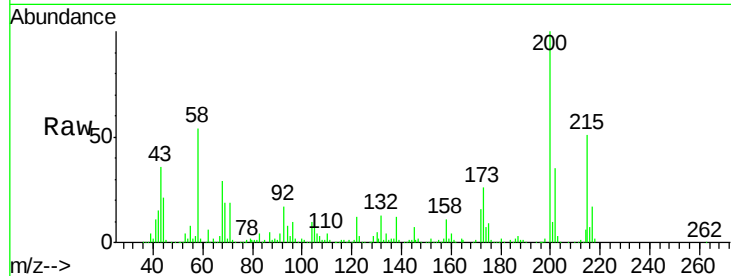
Tgt Ion:200 Resp: 219785

Ion Ratio Lower Upper

200 100

173 25.9 7.1 47.1

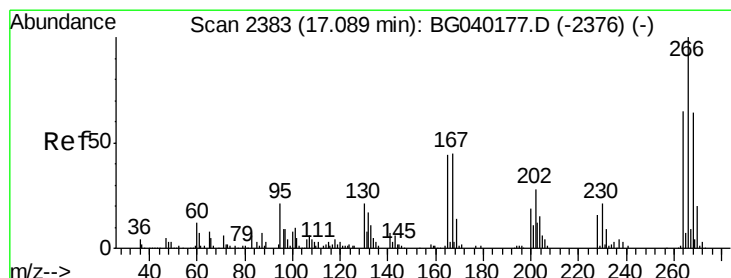
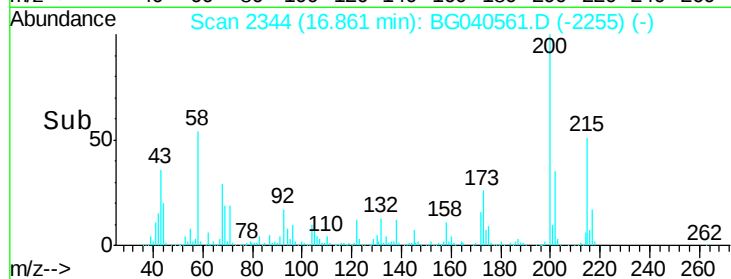
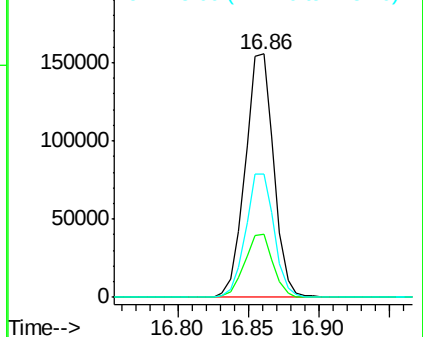
215 50.8 30.9 70.9



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: 79.891 ng

RT: 17.05 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

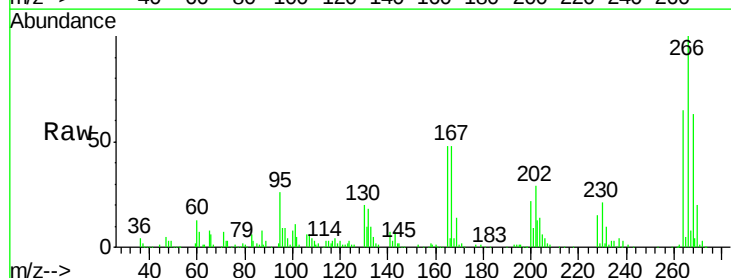
Tgt Ion:266 Resp: 210602

Ion Ratio Lower Upper

266 100

268 63.1 55.0 82.4

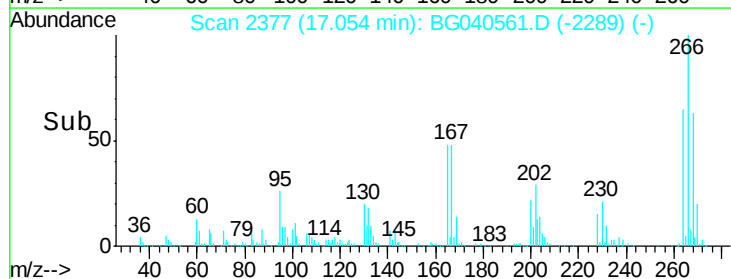
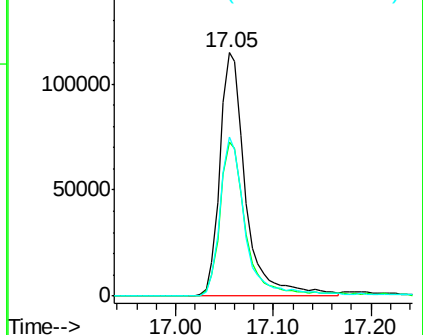
264 65.5 51.8 77.8

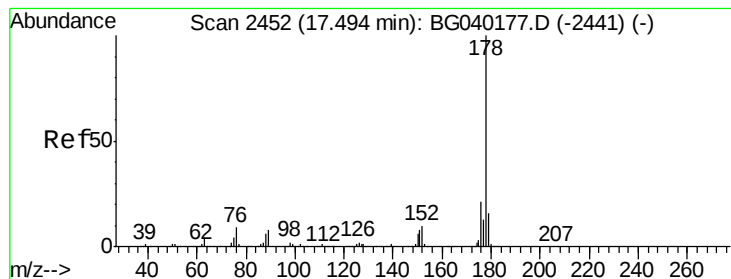


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.068 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

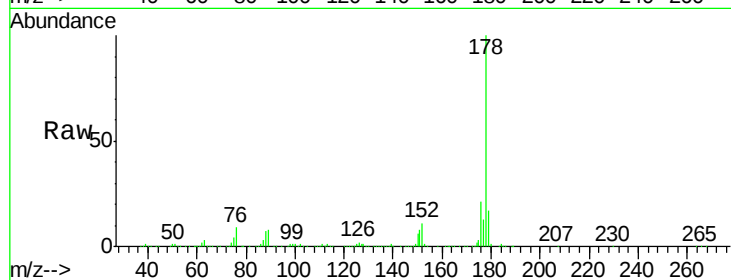
Tgt Ion:178 Resp: 869879

Ion Ratio Lower Upper

178 100

176 21.2 16.7 25.1

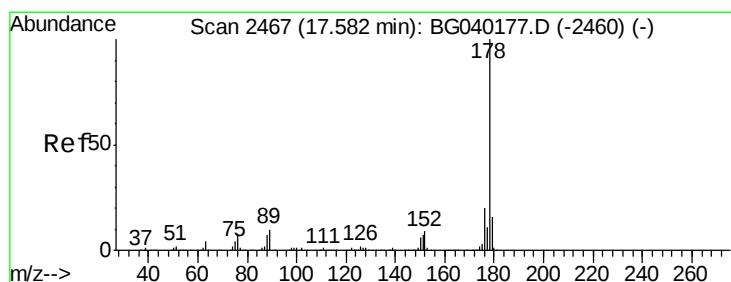
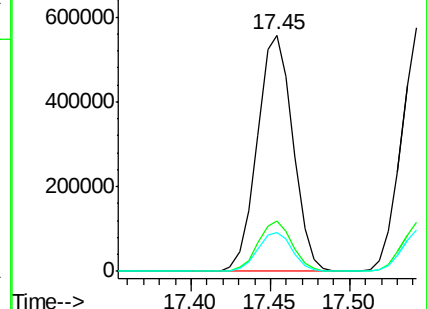
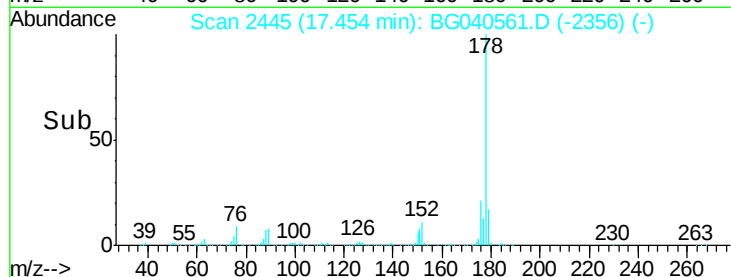
179 16.7 12.8 19.2



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: 41.865 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

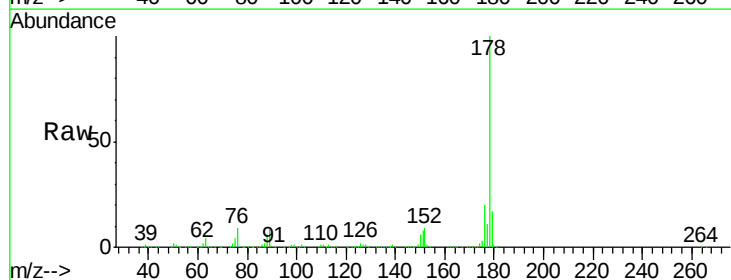
Tgt Ion:178 Resp: 887572

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

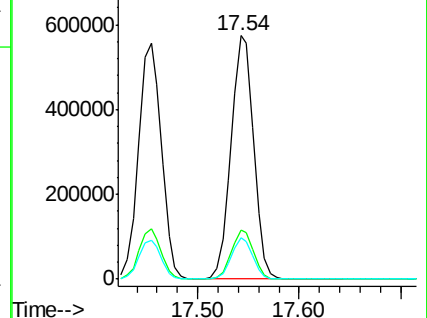
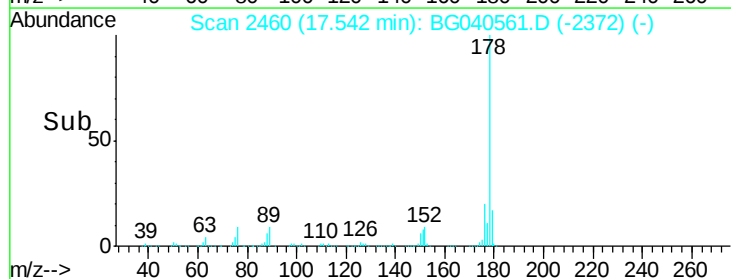
179 16.9 12.9 19.3

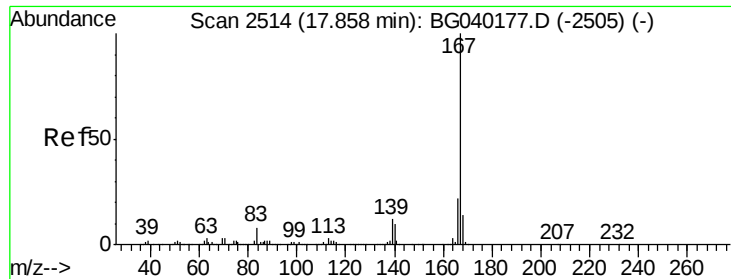


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

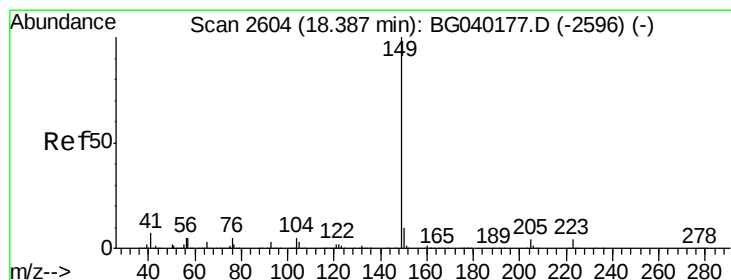
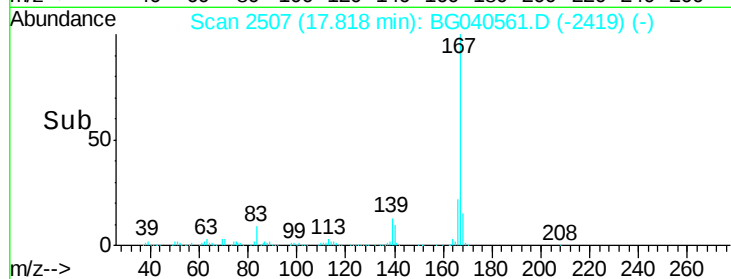
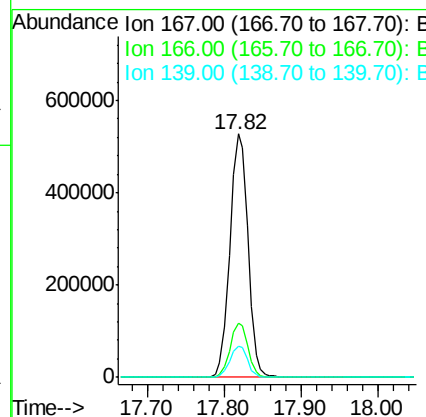
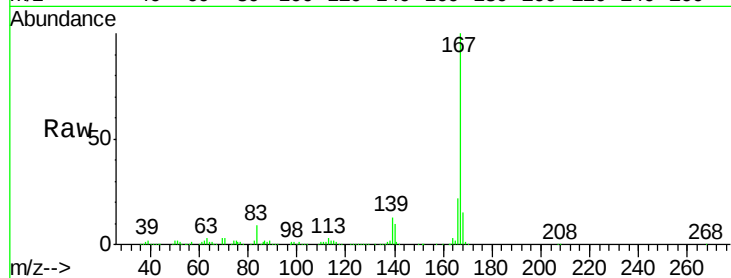




#73
 Carbazole
 Concen: 43.136 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

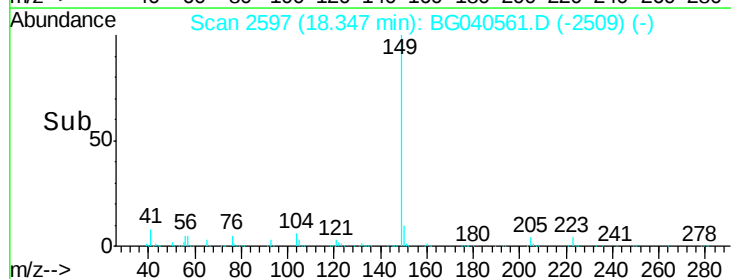
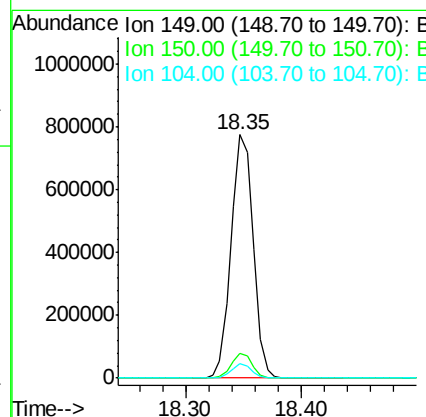
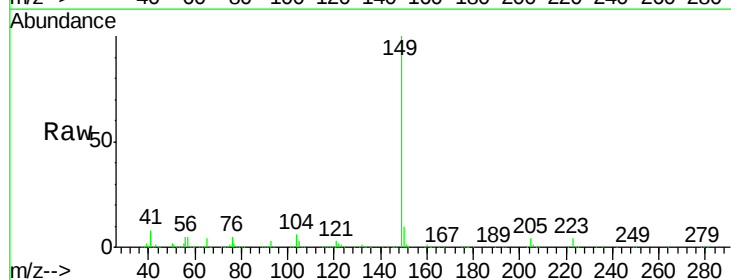
Instrument :
 BNA_G
 ClientSampleId :
 PB119004BS

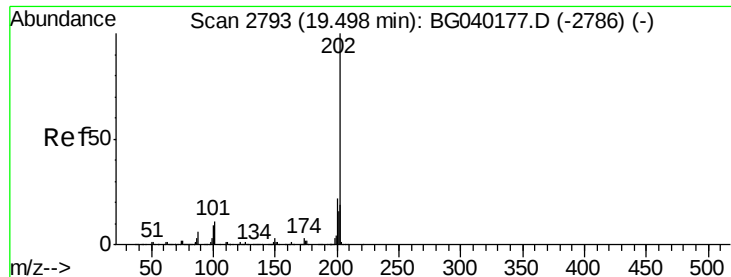
Tgt Ion:167 Resp: 865489
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.5 26.3
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.183 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG040561.D
 Acq: 19 Apr 2019 14:39

Tgt Ion:149 Resp: 1027037
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.9 11.9
 104 5.7 4.1 6.1





#75

Fluoranthene

Concen: 43.127 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

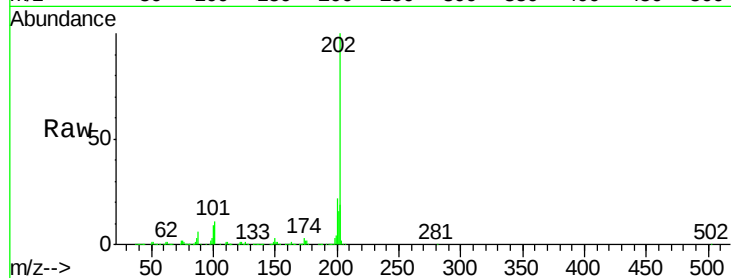
Tgt Ion:202 Resp: 1081684

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.8

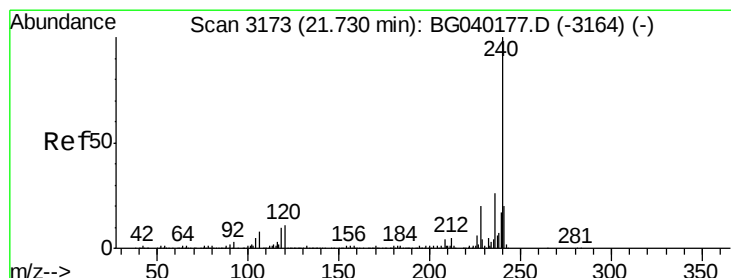
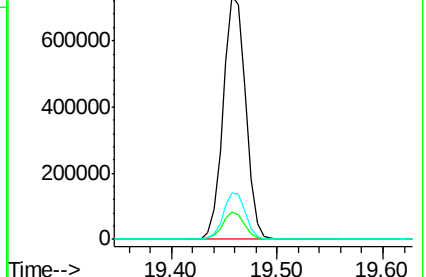
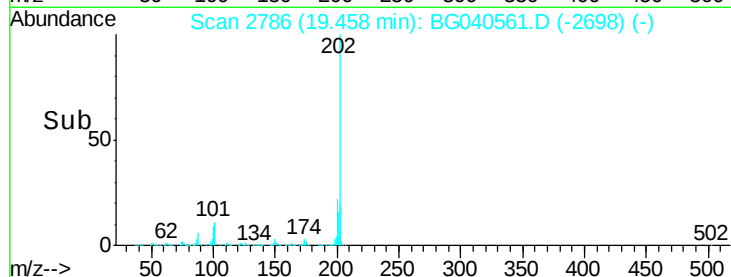
203 19.0 0.0 38.9



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: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

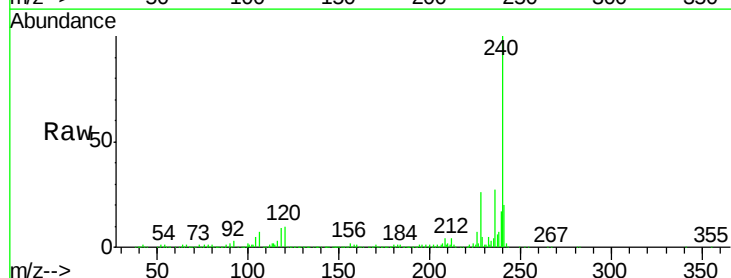
Tgt Ion:240 Resp: 414639

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

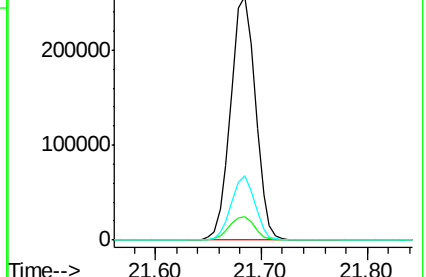
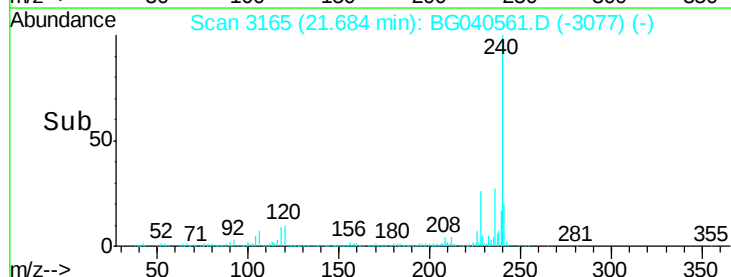
236 26.5 20.8 31.2

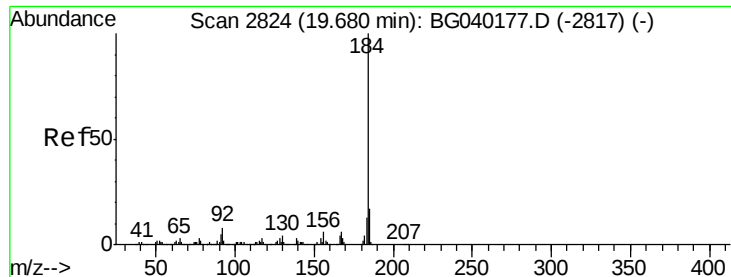


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.462 ng

RT: 19.65 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

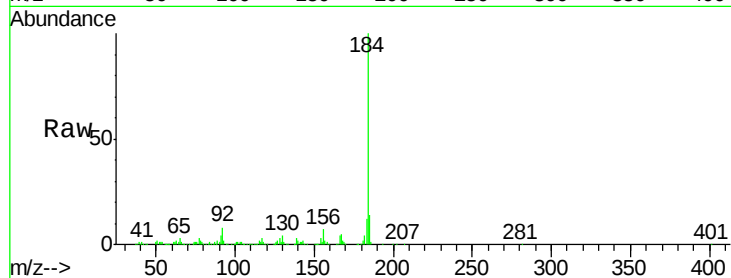
Tgt Ion:184 Resp: 396210

Ion Ratio Lower Upper

184 100

185 14.5 13.3 19.9

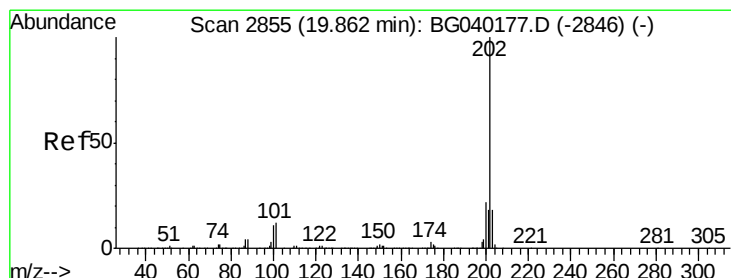
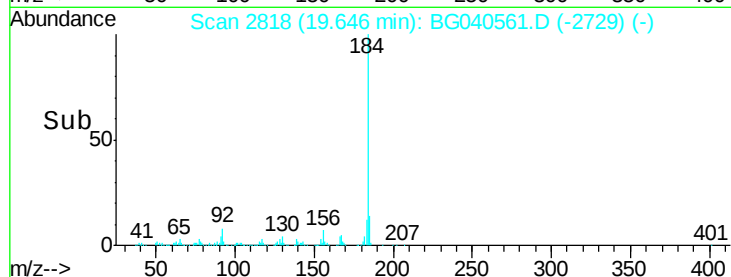
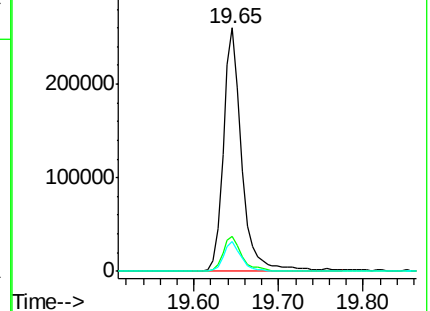
183 12.3 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.490 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

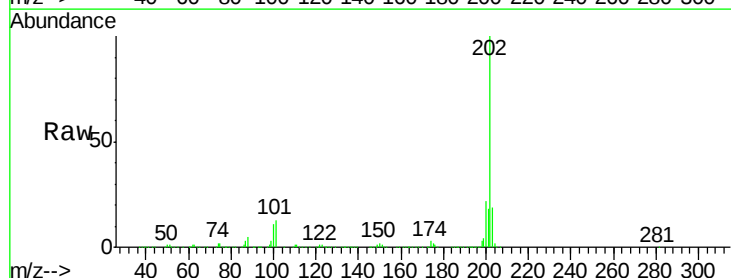
Tgt Ion:202 Resp: 1076782

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

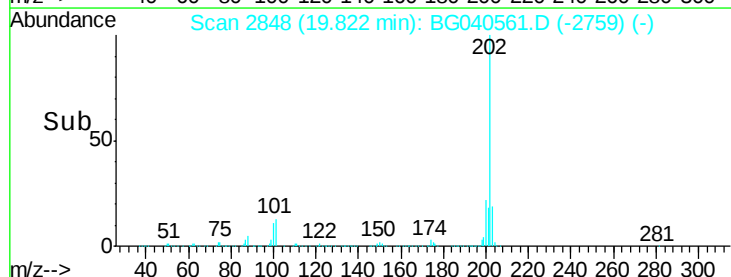
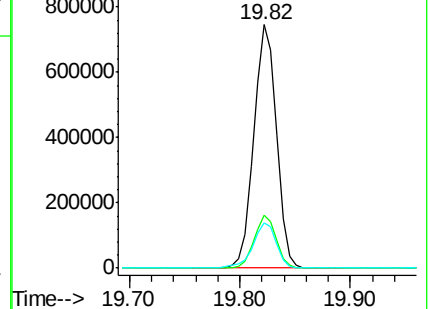
203 18.7 14.6 22.0



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: 81.722 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

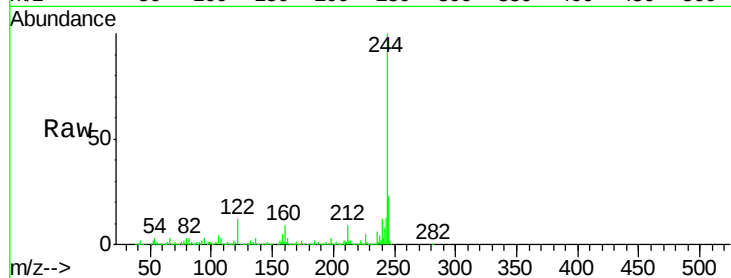
Tgt Ion:244 Resp: 1506244

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.6

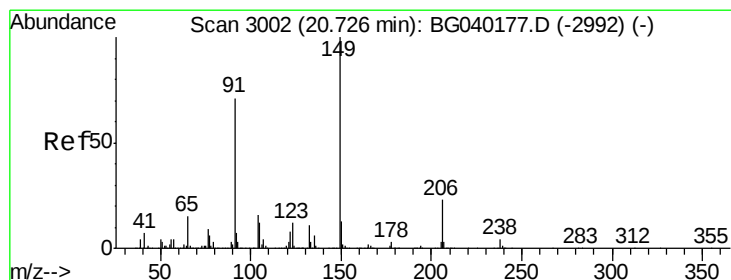
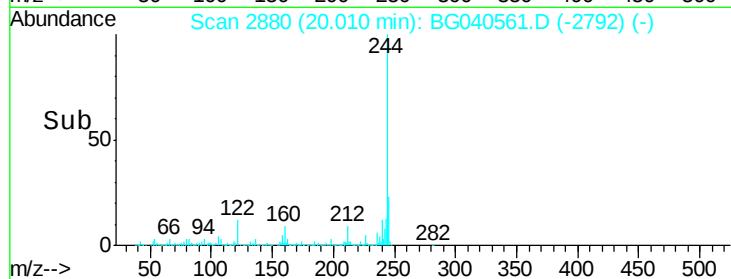
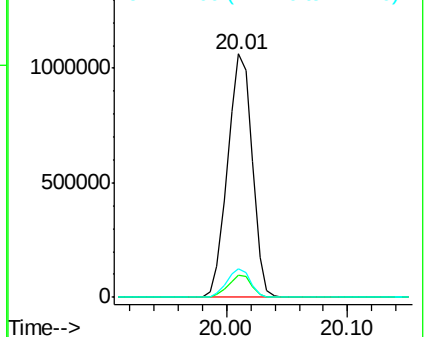
122 11.6 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.489 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

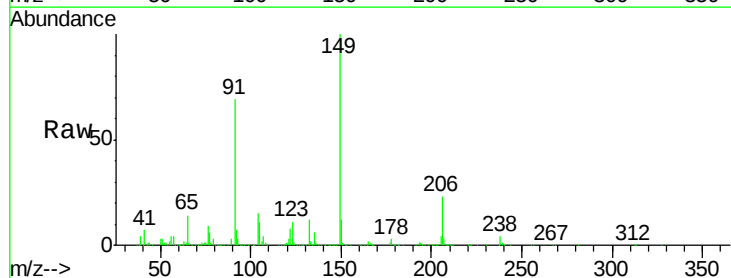
Tgt Ion:149 Resp: 484090

Ion Ratio Lower Upper

149 100

91 68.6 57.0 85.4

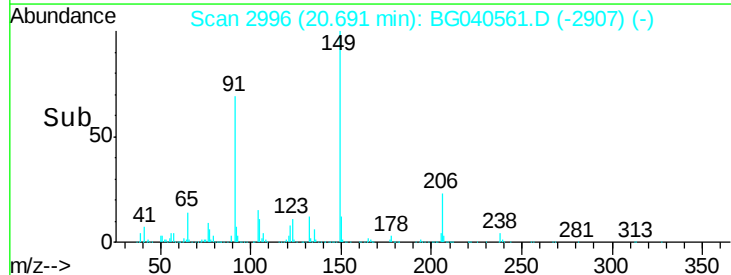
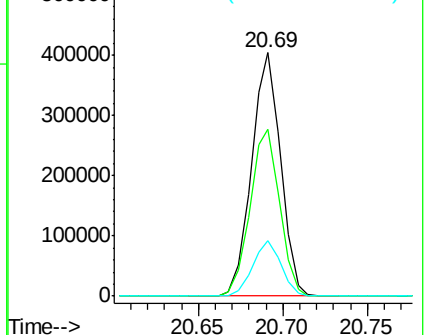
206 22.6 18.2 27.4

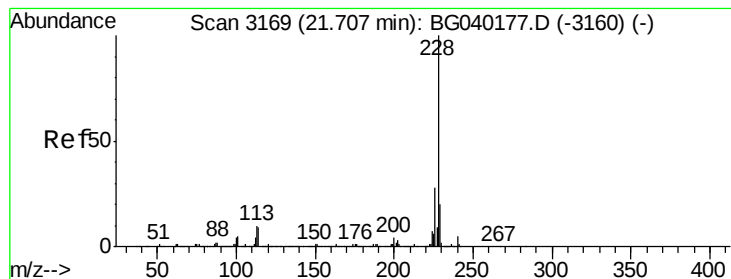


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.393 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

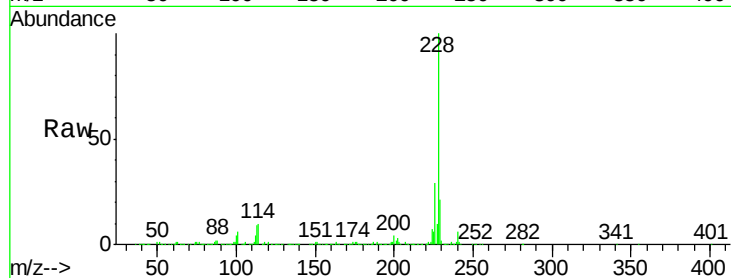
Tgt Ion:228 Resp: 980542

Ion Ratio Lower Upper

228 100

226 28.9 22.6 34.0

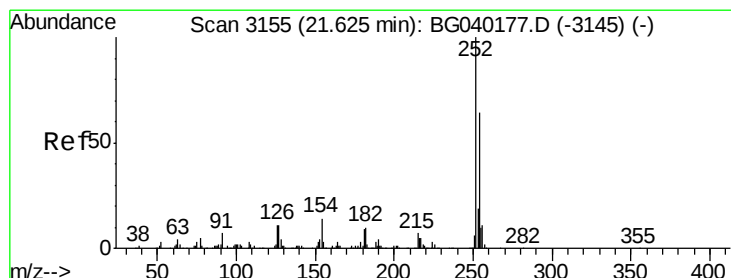
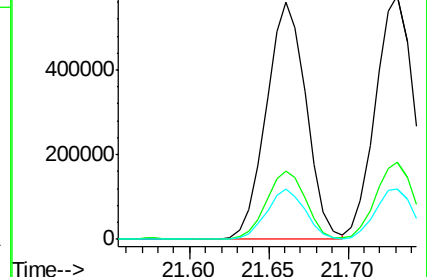
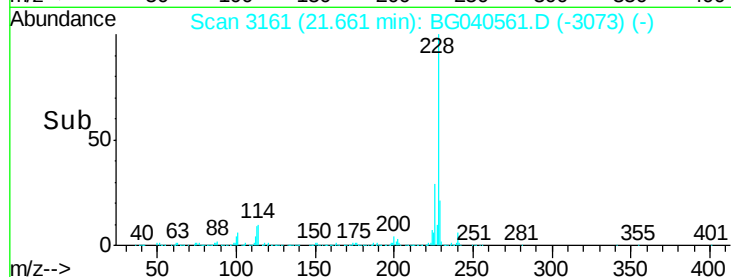
229 21.0 16.1 24.1



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: 28.491 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

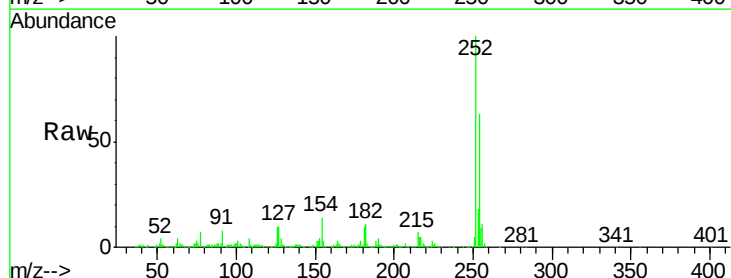
Tgt Ion:252 Resp: 276804

Ion Ratio Lower Upper

252 100

254 63.3 51.4 77.2

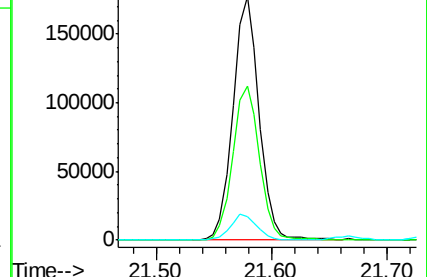
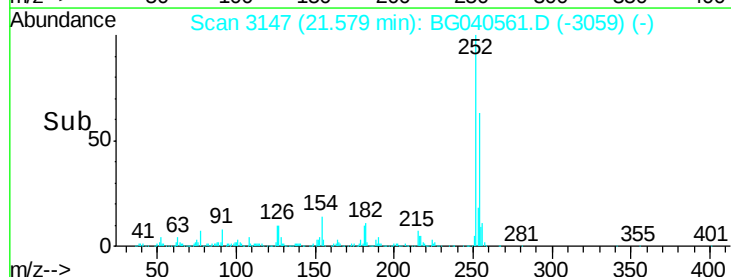
126 9.7 8.5 12.7

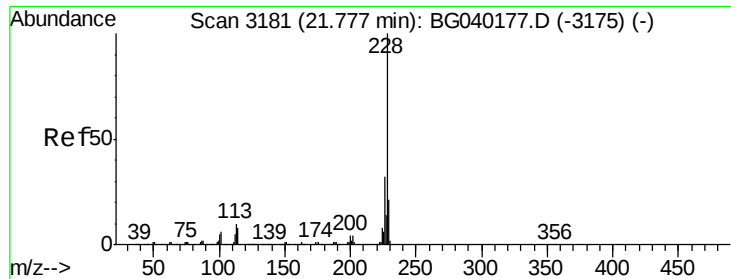


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.388 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

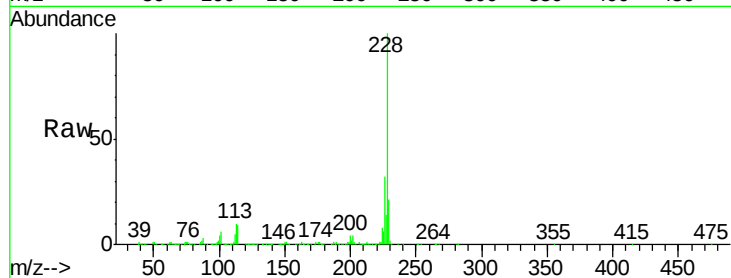
Tgt Ion:228 Resp: 966788

Ion Ratio Lower Upper

228 100

226 31.7 25.4 38.0

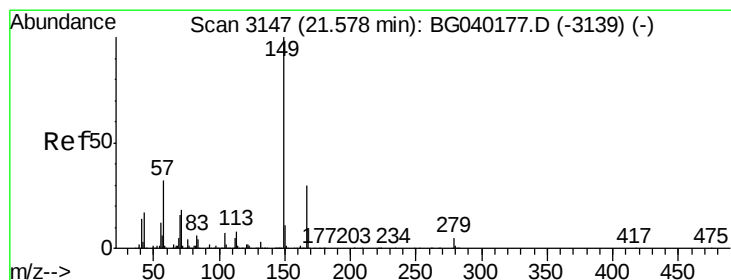
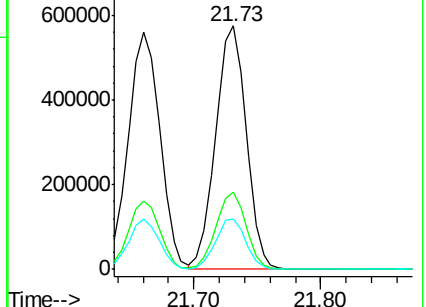
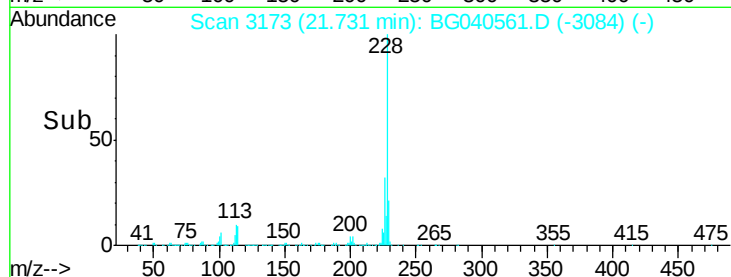
229 20.9 17.0 25.4



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: 40.598 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

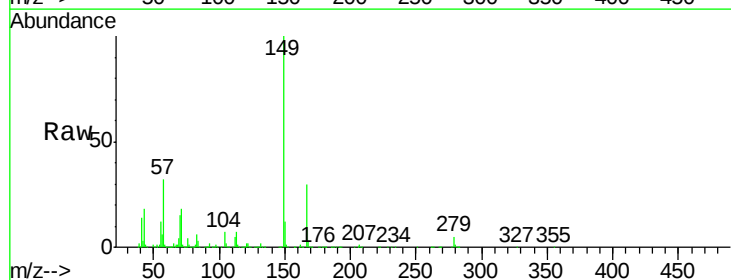
Tgt Ion:149 Resp: 677138

Ion Ratio Lower Upper

149 100

167 29.8 24.1 36.1

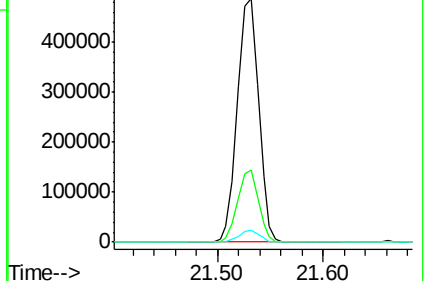
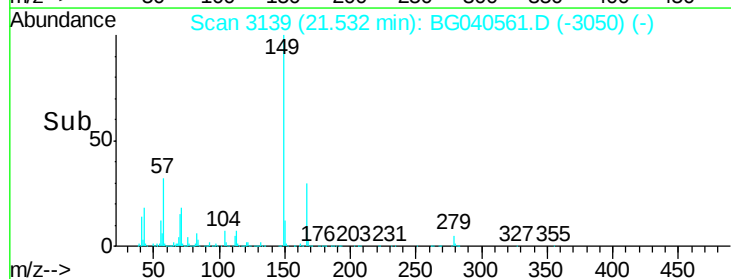
279 4.9 4.1 6.1

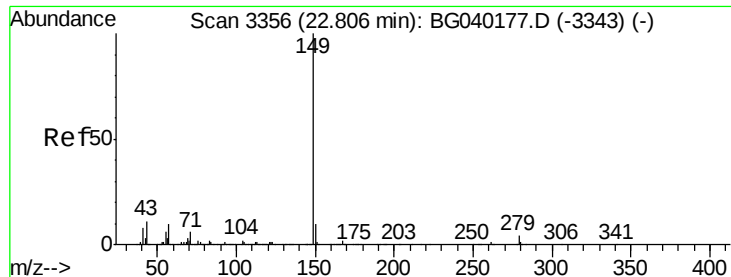


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.795 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.02 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

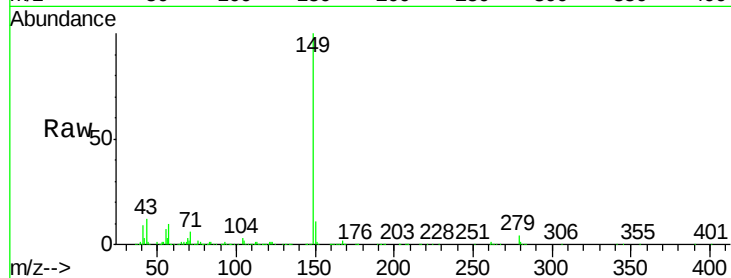
Tgt Ion:149 Resp: 1159281

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

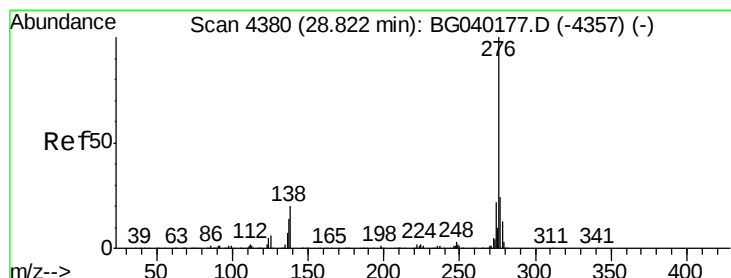
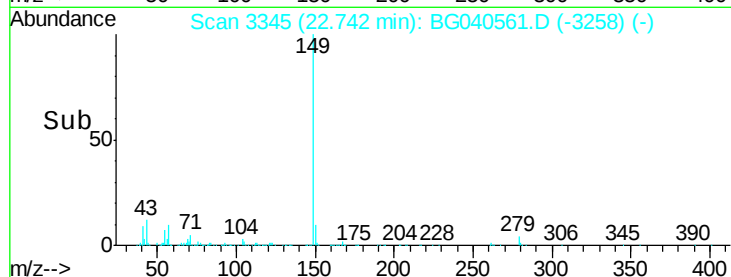
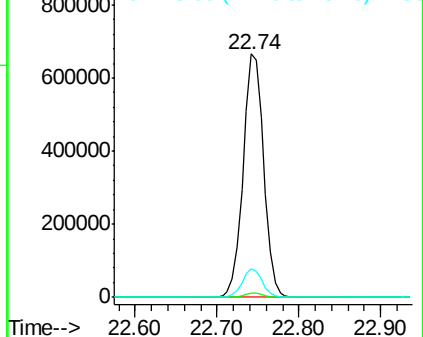
43 11.4 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 58.691 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

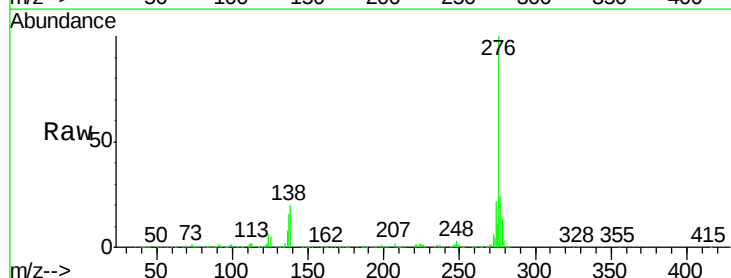
Tgt Ion:276 Resp: 1761905

Ion Ratio Lower Upper

276 100

138 24.9 18.8 28.2

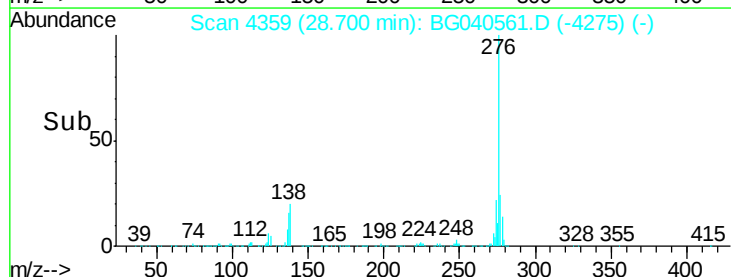
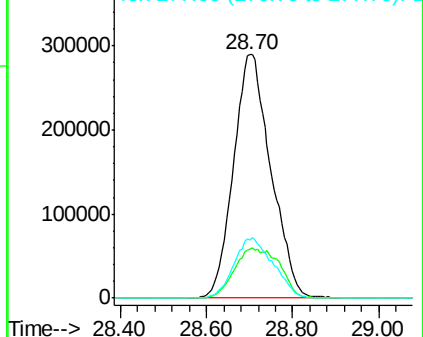
277 25.9 21.0 31.4

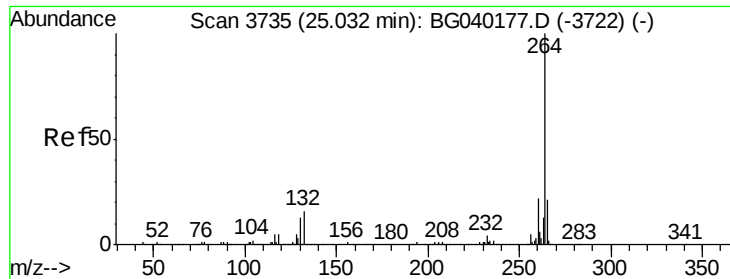


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.03 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

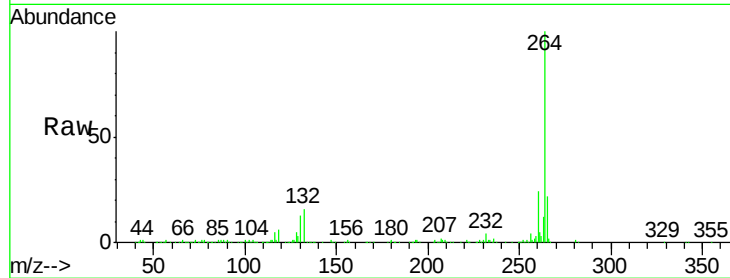
Tgt Ion:264 Resp: 369774

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

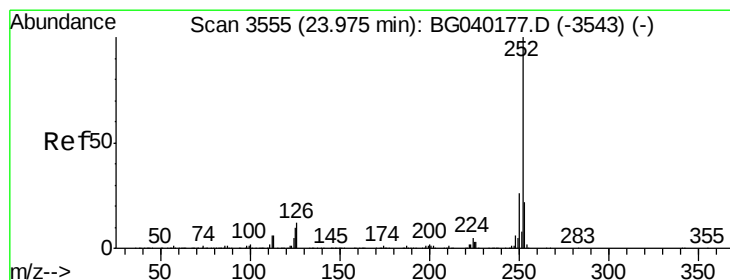
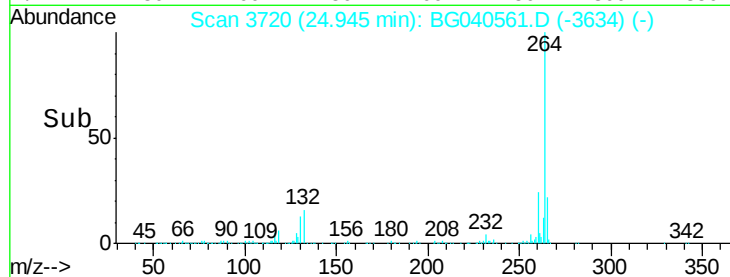
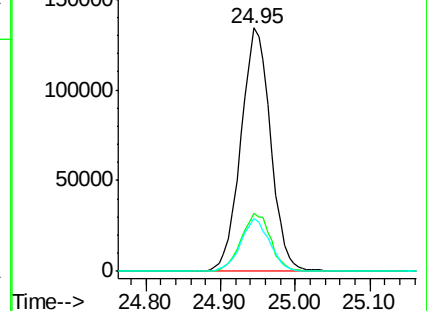
265 21.9 16.8 25.2



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: 45.701 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

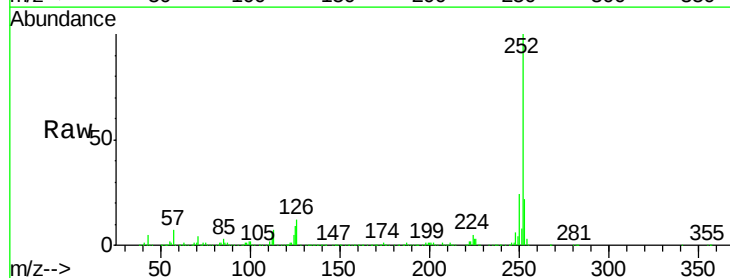
Tgt Ion:252 Resp: 1034627

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

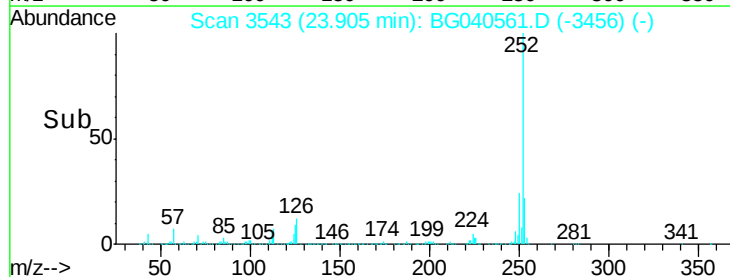
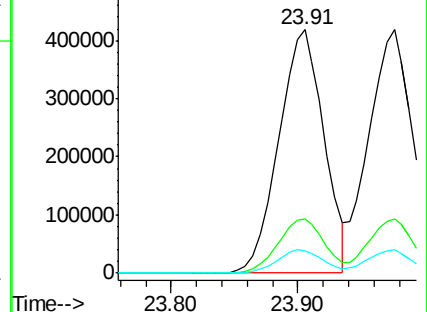
125 9.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.614 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

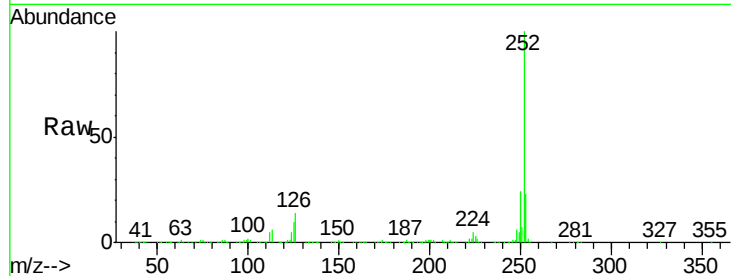
Tgt Ion:252 Resp: 1012090

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

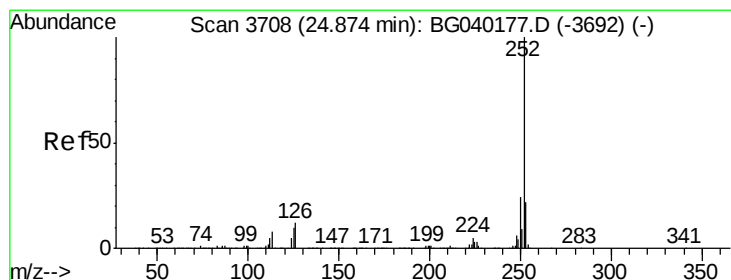
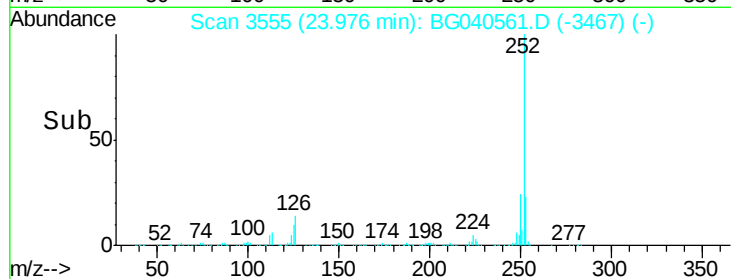
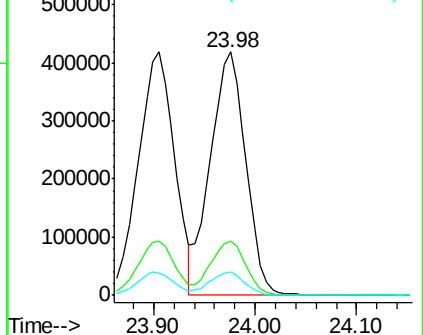
125 9.9 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.034 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.02 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

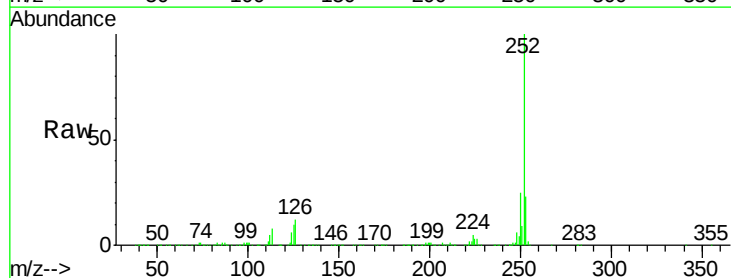
Tgt Ion:252 Resp: 1020307

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

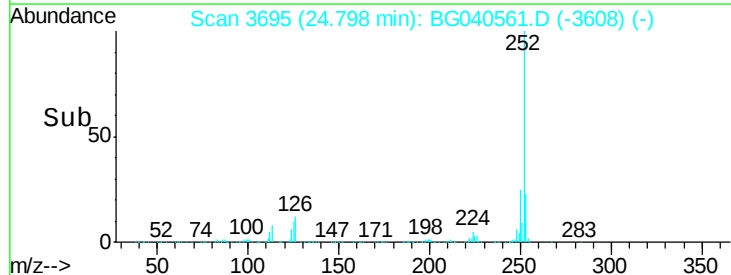
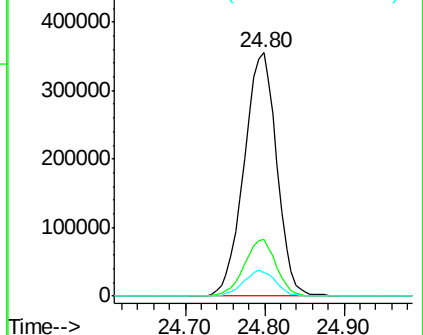
125 9.8 8.3 12.5

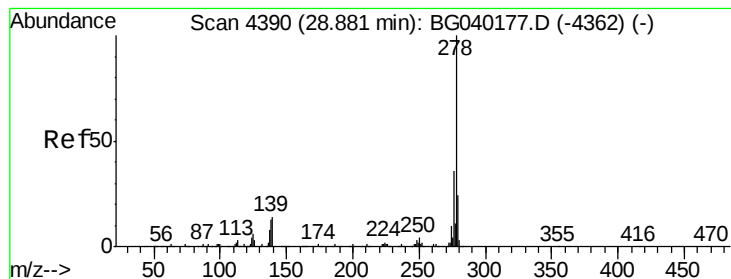


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 73.077 ng

RT: 28.76 min Scan# 4370

Delta R.T. -0.04 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

Instrument :

BNA_G

ClientSampleId :

PB119004BS

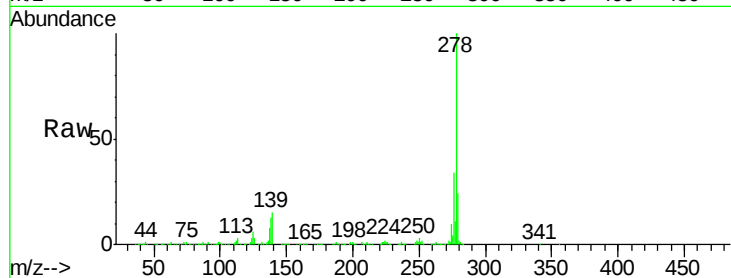
Tgt Ion:278 Resp: 1441666

Ion Ratio Lower Upper

278 100

139 15.3 11.2 16.8

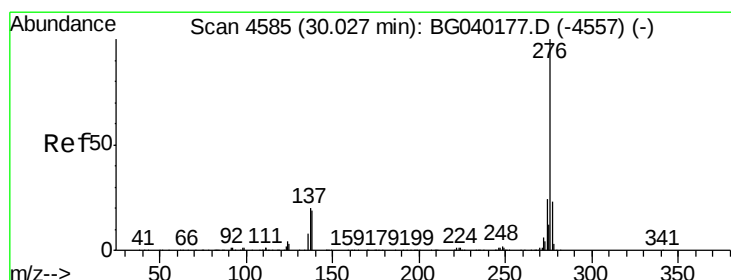
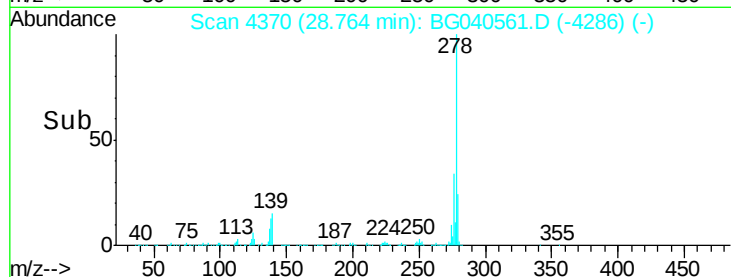
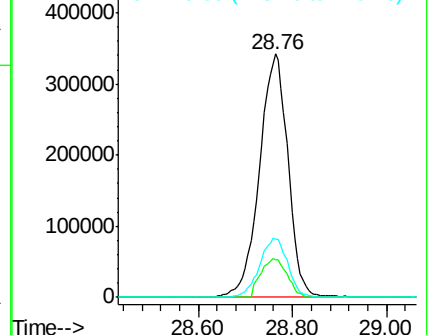
279 23.8 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 73.213 ng

RT: 29.89 min Scan# 4561

Delta R.T. -0.02 min

Lab File: BG040561.D

Acq: 19 Apr 2019 14:39

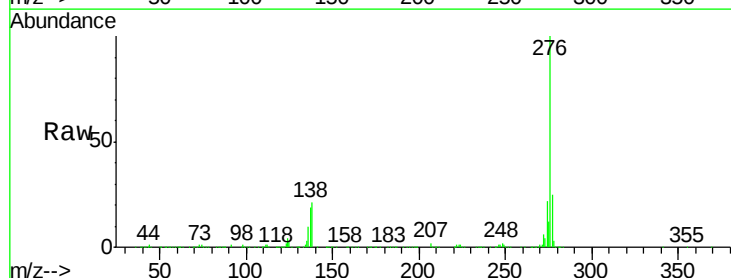
Tgt Ion:276 Resp: 1484364

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 21.2 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

