

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040269.D
 Acq On : 1 Apr 2019 17:38
 Operator : JU/SJ
 Sample : PB118456BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Quant Time: Apr 02 02:16:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47085	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	204464	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	142921	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	402426	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	405217	20.00	ng	-0.02
87) Perylene-d12	25.04	264	406469	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	404133	142.69	ng	-0.01
7) Phenol-d6	7.21	99	554082	141.55	ng	-0.02
23) Nitrobenzene-d5	9.23	82	330247	85.85	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	252521	163.49	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	808747	83.85	ng	-0.02
79) Terphenyl-d14	20.03	244	1496202	83.07	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	52500	39.420	ng	98
3) Pyridine	3.90	79	141033	39.331	ng	96
4) n-Nitrosodimethylamine	3.82	42	58859	35.485	ng	90
6) Aniline	7.38	93	154149	30.311	ng	99
8) 2-Chlorophenol	7.62	128	140195	42.285	ng	96
9) Benzaldehyde	7.19	77	98000	36.499	ng	97
10) Phenol	7.24	94	187211	44.063	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	132154	38.835	ng	98
12) 1,3-Dichlorobenzene	7.94	146	139634	38.742	ng	96
13) 1,4-Dichlorobenzene	8.09	146	141699	39.474	ng	96
14) 1,2-Dichlorobenzene	8.41	146	138104	40.231	ng	99
15) Benzyl Alcohol	8.29	79	126331	40.075	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	241686	37.007	ng	99
17) 2-Methylphenol	8.49	107	128964	43.866	ng	98
18) Hexachloroethane	9.13	117	51076	37.406	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	105373	37.546	ng	96
20) 3+4-Methylphenols	8.82	107	176926	44.422	ng	99
22) Acetophenone	8.88	105	205436	40.279	ng	# 97
24) Nitrobenzene	9.27	77	154482	38.782	ng	100
25) Isophorone	9.79	82	309565	39.112	ng	97
26) 2-Nitrophenol	9.98	139	78056	41.355	ng	97
27) 2,4-Dimethylphenol	10.03	122	149524	49.873	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	189670	40.505	ng	98
29) 2,4-Dichlorophenol	10.51	162	147616	45.361	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	145326	40.670	ng	97
31) Naphthalene	10.92	128	433769	41.389	ng	99
32) Benzoic acid	10.14	122	28430	15.695	ng	94
33) 4-Chloroaniline	11.03	127	106133	23.741	ng	96
34) Hexachlorobutadiene	11.18	225	87572	38.320	ng	97
35) Caprolactam	11.82	113	27233	21.088	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	177559	47.461	ng	99
37) 2-Methylnaphthalene	12.52	142	334375	43.139	ng	100
38) 1-Methylnaphthalene	12.74	142	320983	42.706	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	169887	37.399	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	208341	83.531	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	128356	43.827	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	144108	45.143	ng	97
46) 1,1'-Biphenyl	13.52	154	438688	38.847	ng	99
47) 2-Chloronaphthalene	13.56	162	347861	40.159	ng	99
48) 2-Nitroaniline	13.78	65	121782	41.680	ng	98
49) Acenaphthylene	14.41	152	593802	40.432	ng	99
50) Dimethylphthalate	14.13	163	479204	42.841	ng	98
51) 2,6-Dinitrotoluene	14.27	165	109542	43.615	ng	96
52) Acenaphthene	14.75	154	346883	41.219	ng	99
53) 3-Nitroaniline	14.60	138	81046	30.485	ng	94
54) 2,4-Dinitrophenol	14.81	184	108570	81.283	ng	89
55) Dibenzofuran	15.08	168	577809	42.729	ng	98
56) 4-Nitrophenol	14.90	139	218240	101.711	ng	98
57) 2,4-Dinitrotoluene	15.05	165	169024	48.433	ng	98
58) Fluorene	15.73	166	466261	43.856	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	147772	51.012	ng	97
60) Diethylphthalate	15.49	149	524832	45.852	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	248842	43.787	ng	98
62) 4-Nitroaniline	15.77	138	137404	48.160	ng	96
63) Azobenzene	16.01	77	465934	43.155	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	91006	40.252	ng	95
66) n-Nitrosodiphenylamine	15.94	169	455890	38.713	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	173427	38.295	ng	96
68) Hexachlorobenzene	16.72	284	182600	40.102	ng	97
69) Atrazine	16.88	200	165470	37.773	ng	96
70) Pentachlorophenol	17.08	266	203372	77.254	ng	96
71) Phenanthrene	17.48	178	867579	41.016	ng	99
72) Anthracene	17.57	178	891709	42.118	ng	99
73) Carbazole	17.84	167	833904	41.619	ng	99
74) Di-n-butylphthalate	18.37	149	987315	41.570	ng	100
75) Fluoranthene	19.48	202	1051028	41.962	ng	100
77) Benzidine	19.66	184	467505	31.949	ng	98
78) Pyrene	19.84	202	1063739	39.919	ng	99
80) Butylbenzylphthalate	20.71	149	457772	40.145	ng	94
81) Benzo(a)anthracene	21.69	228	952356	38.157	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	213083	22.443	ng	98
83) Chrysene	21.76	228	968084	40.358	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	640343	39.285	ng	99
85) Di-n-octyl phthalate	22.80	149	1088463	39.194	ng	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1192958	40.663	ng	# 71
88) Benzo(b)fluoranthene	23.95	252	1051530	42.255	ng	97
89) Benzo(k)fluoranthene	24.03	252	1000218	43.706	ng	97
90) Benzo(a)pyrene	24.88	252	1013324	43.399	ng	100
91) Dibenzo(a,h)anthracene	28.94	278	967412	44.611	ng	97
92) Benzo(g,h,i)perylene	30.14	276	988956	44.375	ng	99

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

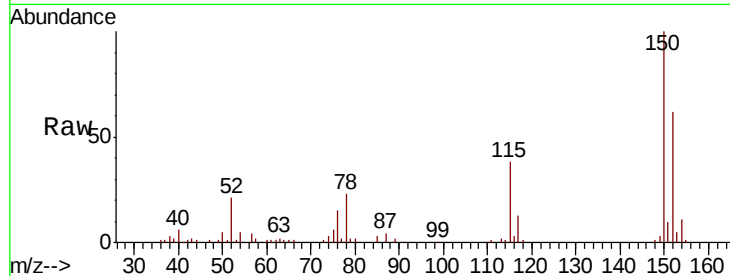


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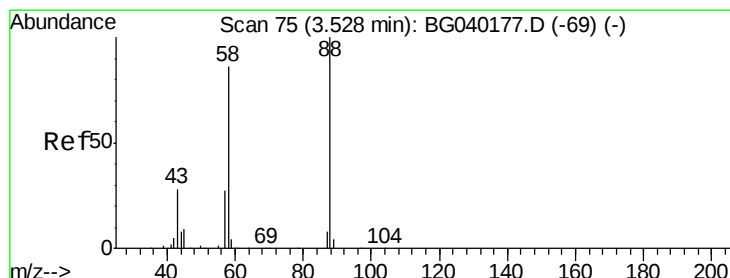
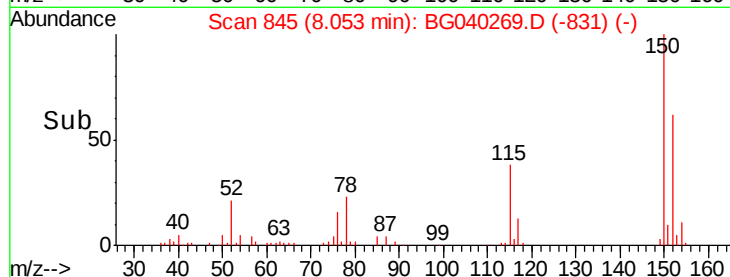
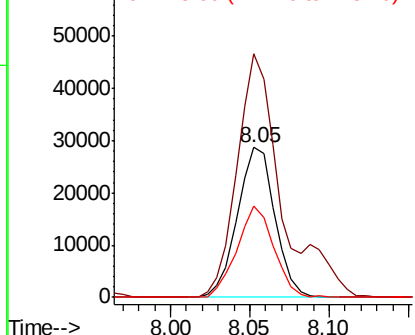
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:152 Resp: 47085
Ion Ratio Lower Upper
152 100
150 162.5 123.7 185.5
115 61.0 46.9 70.3



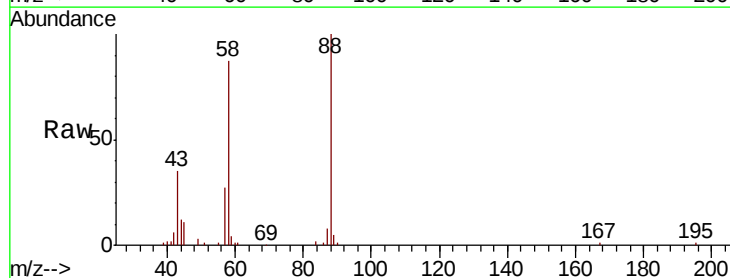
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



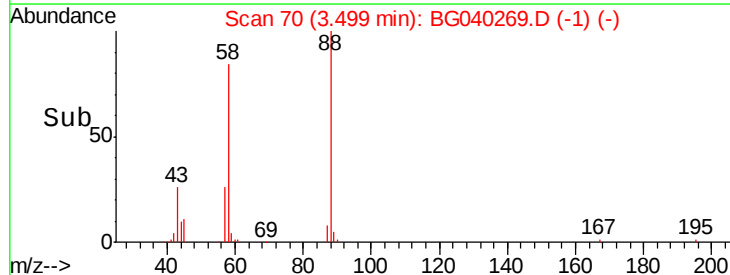
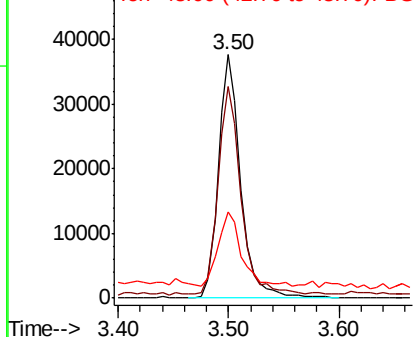
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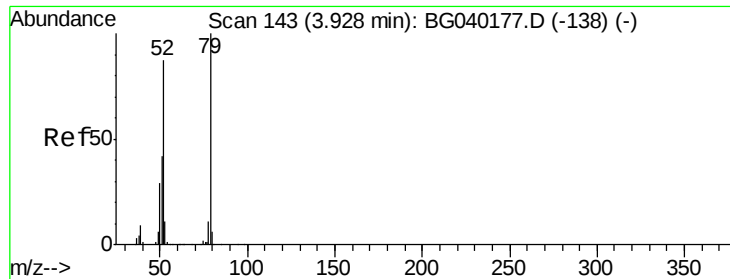
1,4-Dioxane
Concen: 39.420 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion: 88 Resp: 52500
Ion Ratio Lower Upper
88 100
58 90.0 70.6 106.0
43 32.5 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: 39.331 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

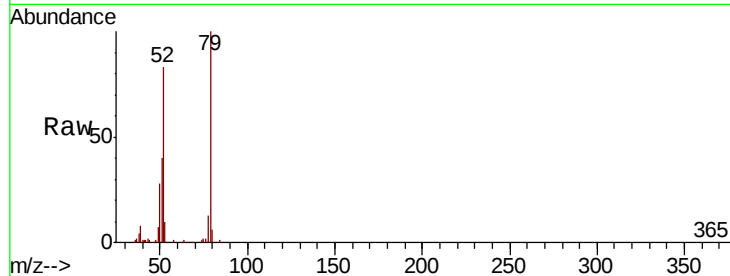
Tgt Ion: 79 Resp: 141033

Ion Ratio Lower Upper

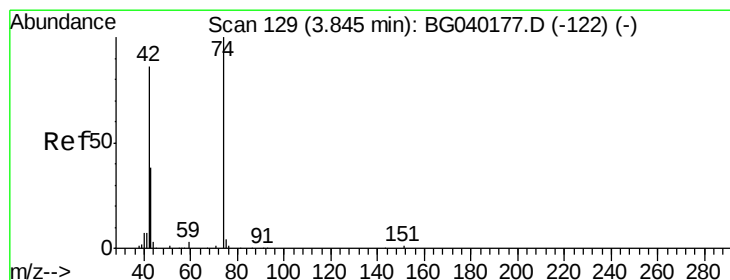
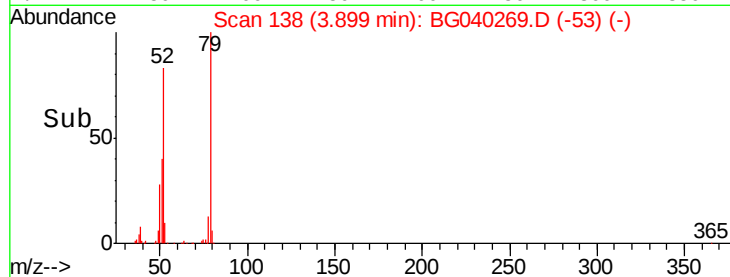
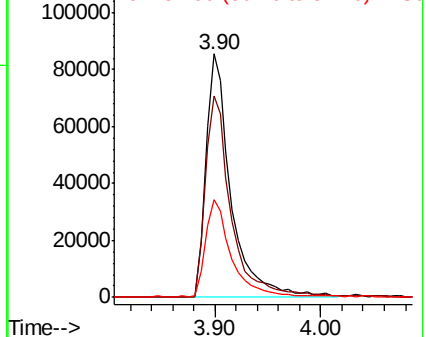
79 100

52 82.8 69.8 104.8

51 40.3 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.485 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

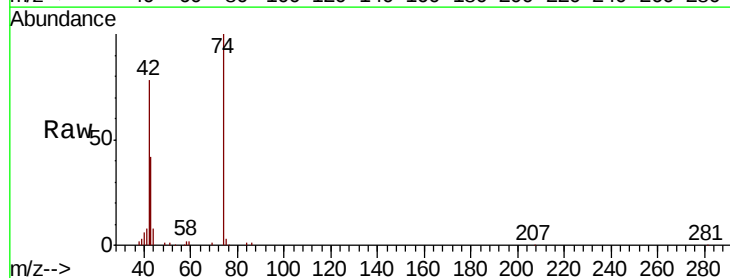
Tgt Ion: 42 Resp: 58859

Ion Ratio Lower Upper

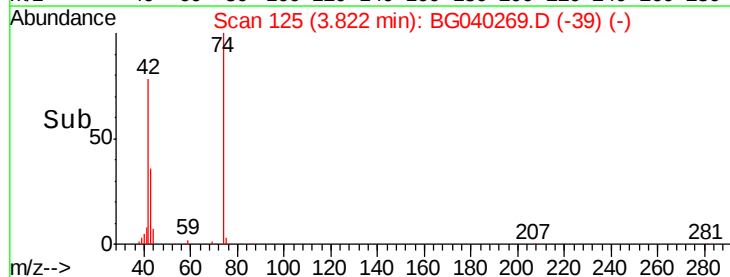
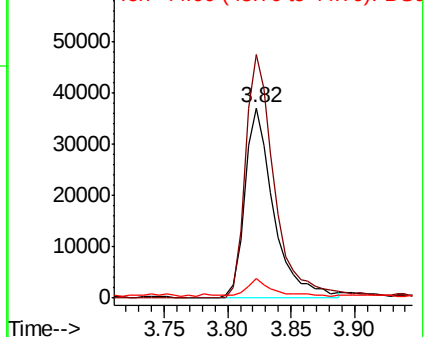
42 100

74 128.0 92.9 139.3

44 10.4 9.7 14.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.686 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

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ClientSampleId :

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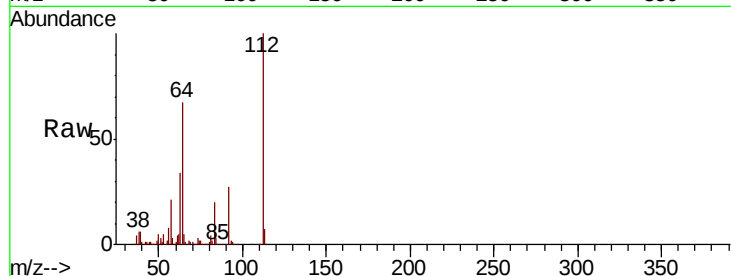
Tgt Ion: 112 Resp: 404133

Ion Ratio Lower Upper

112 100

64 67.1 54.2 81.2

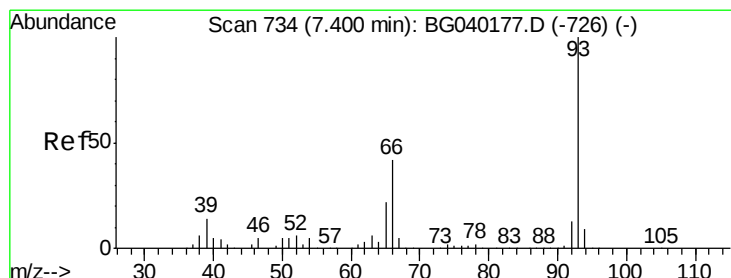
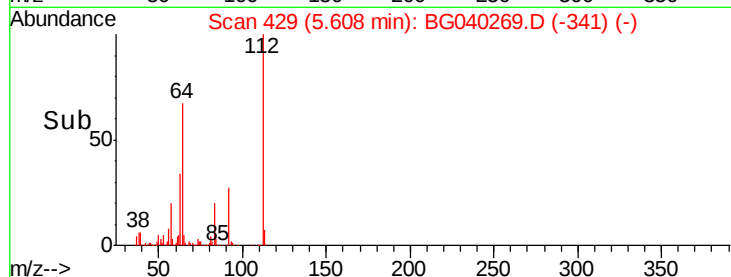
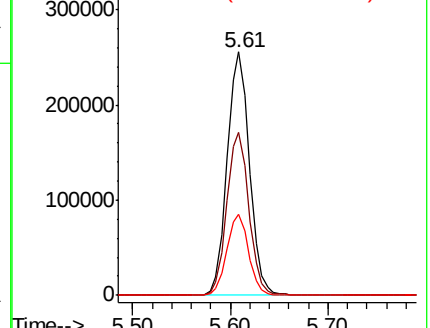
63 33.5 26.4 39.6



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: 30.311 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

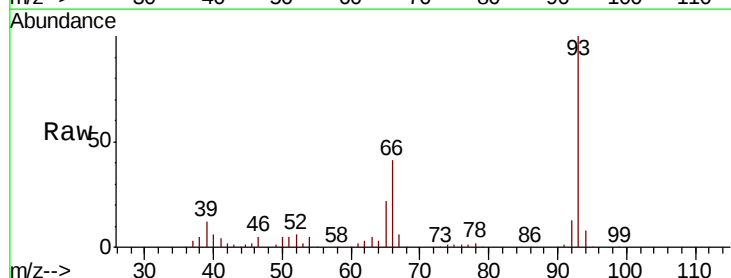
Tgt Ion: 93 Resp: 154149

Ion Ratio Lower Upper

93 100

66 40.7 33.6 50.4

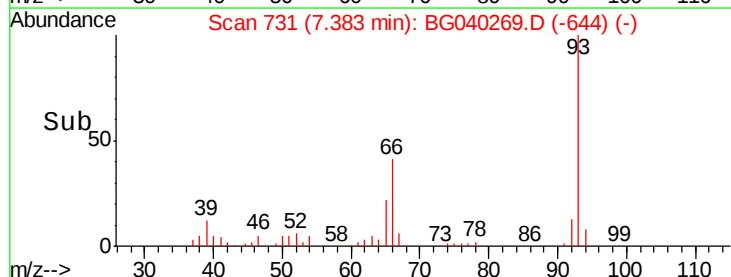
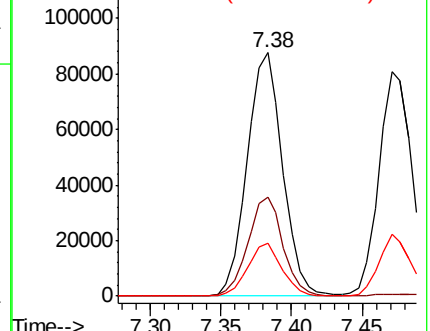
65 21.6 17.4 26.2

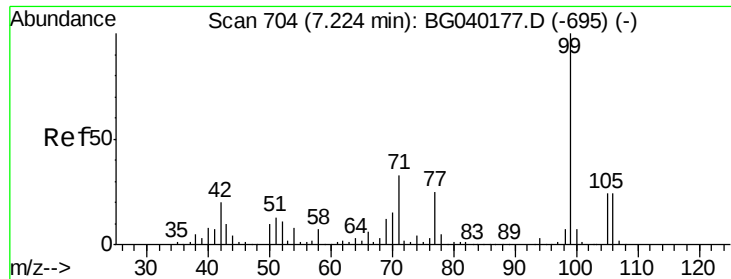


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.552 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

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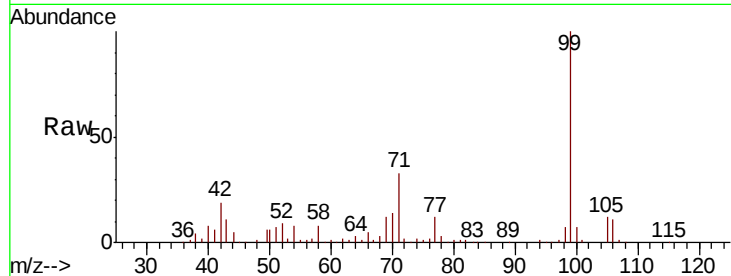
Tgt Ion: 99 Resp: 554082

Ion Ratio Lower Upper

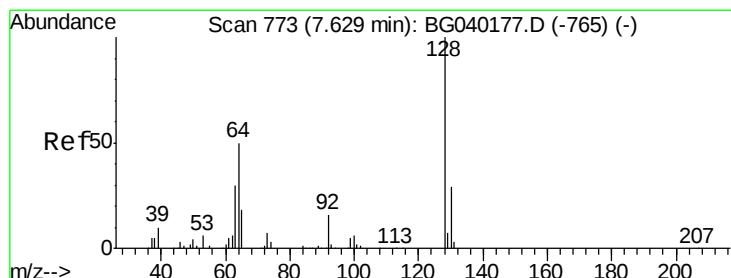
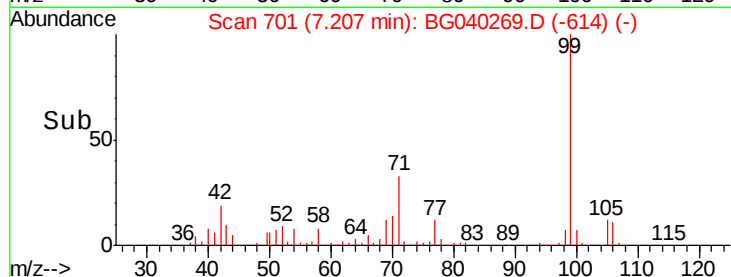
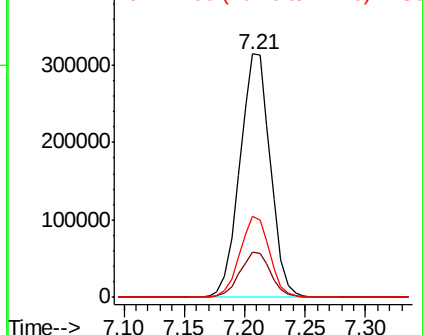
99 100

42 18.8 16.2 24.2

71 33.2 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: 42.285 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

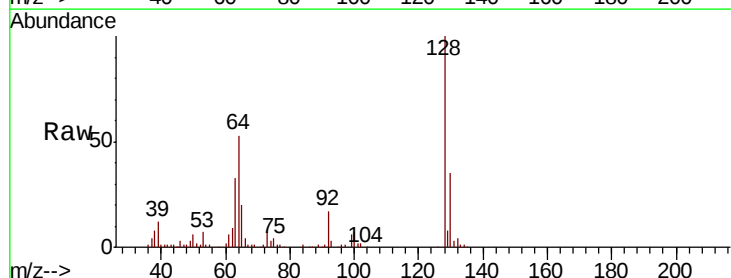
Tgt Ion: 128 Resp: 140195

Ion Ratio Lower Upper

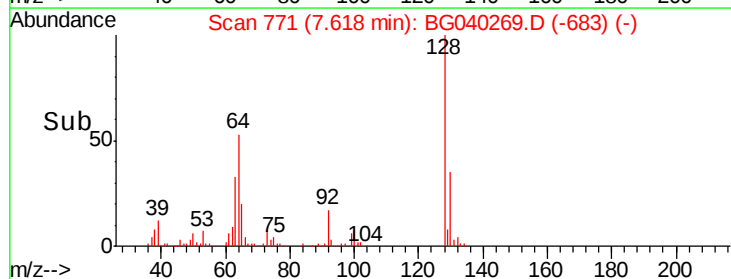
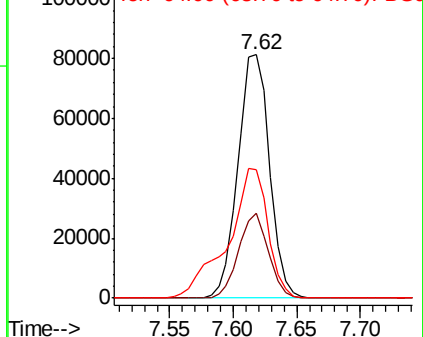
128 100

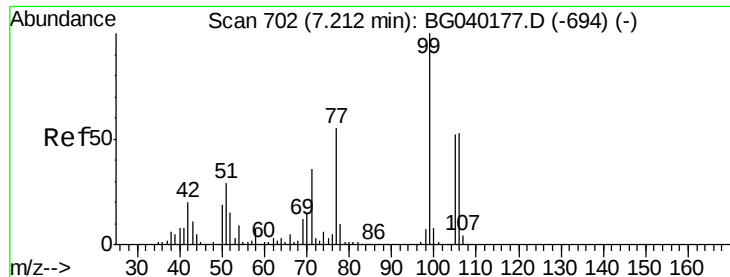
130 34.8 9.1 49.1

64 52.6 33.1 73.1



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





#9

Benzaldehyde

Concen: 36.499 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040269.D

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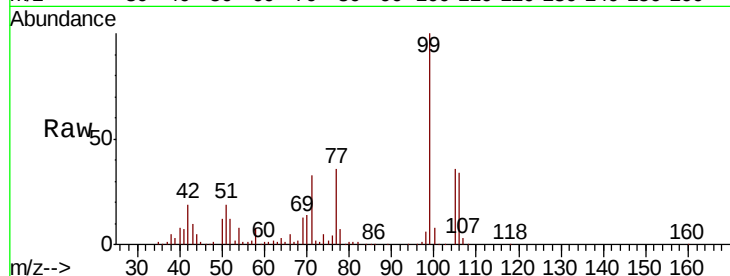
Tgt Ion: 77 Resp: 98000

Ion Ratio Lower Upper

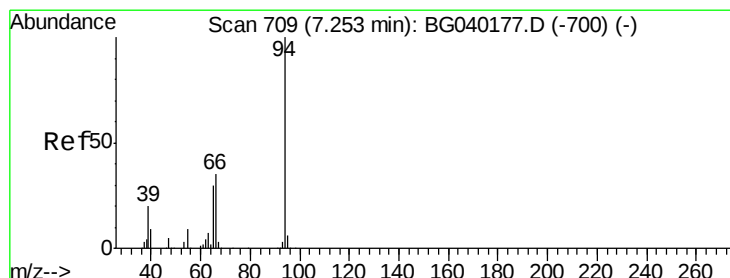
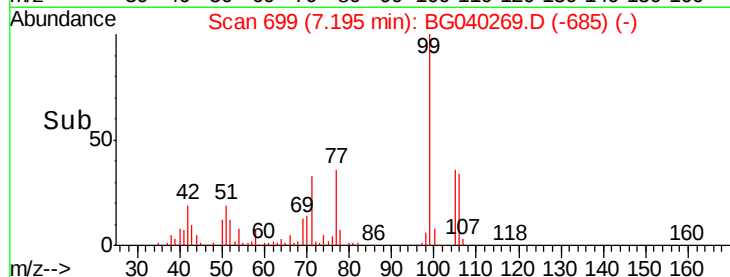
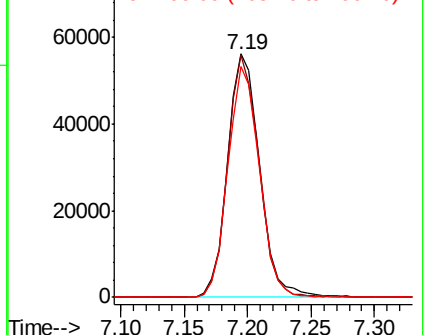
77 100

105 99.5 75.0 115.0

106 95.0 75.7 115.7



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



#10

Phenol

Concen: 44.063 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

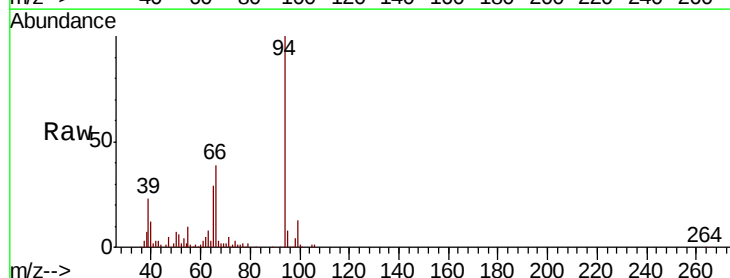
Tgt Ion: 94 Resp: 187211

Ion Ratio Lower Upper

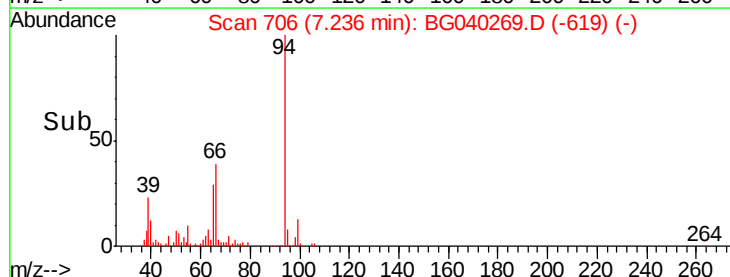
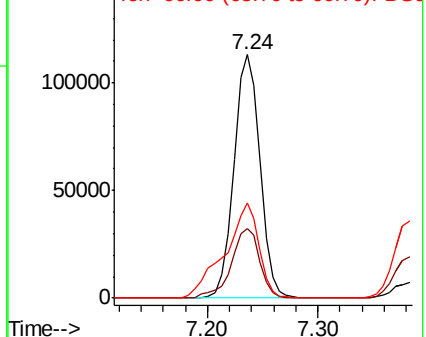
94 100

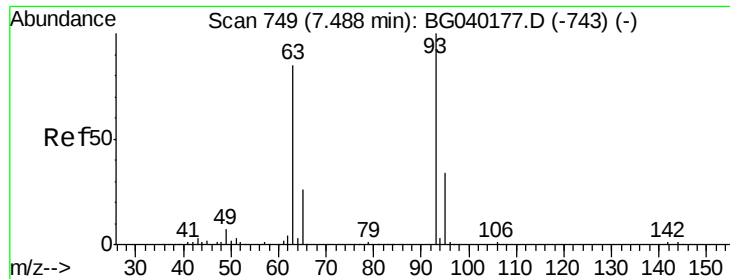
65 28.6 10.5 50.5

66 39.0 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

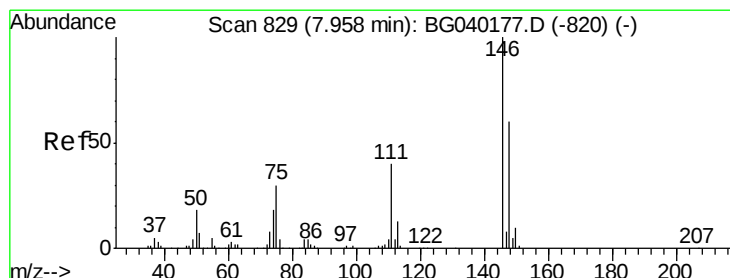
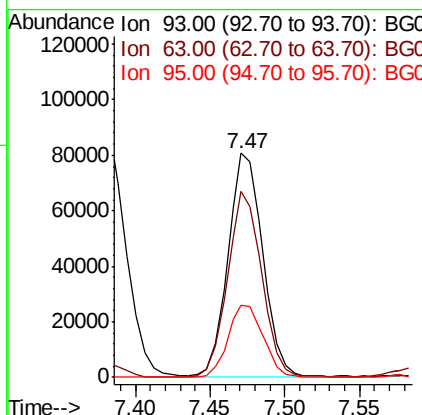
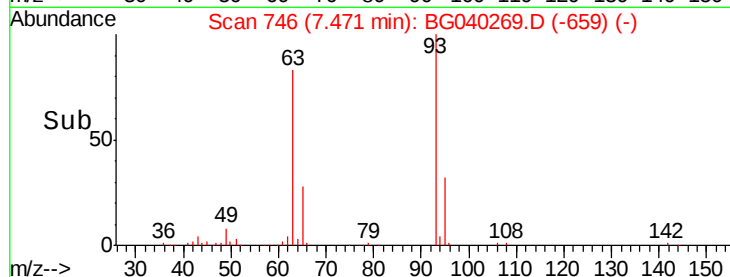
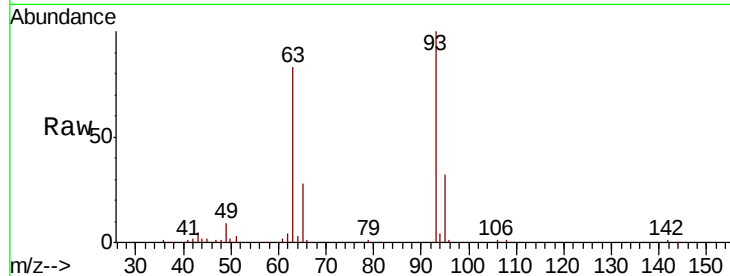




#11
bis(2-Chloroethyl)ether
Concen: 38.835 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

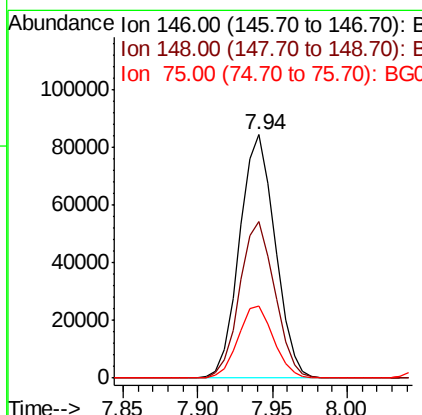
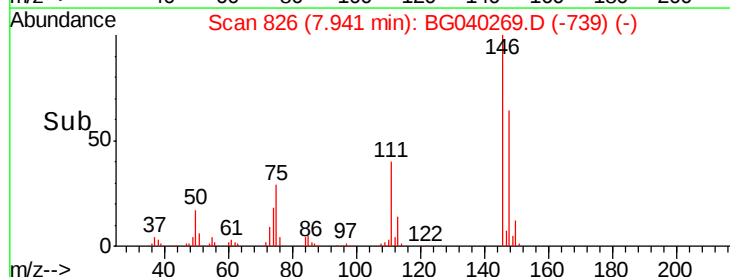
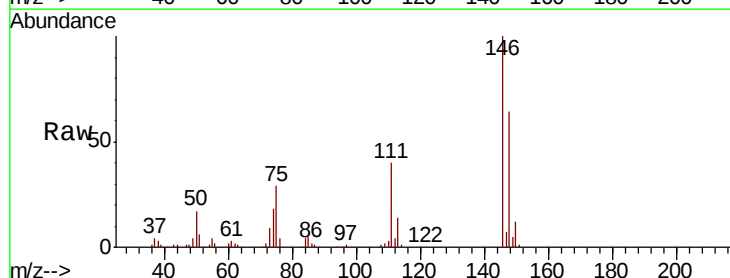
Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion: 93 Resp: 132154
Ion Ratio Lower Upper
93 100
63 82.9 64.2 104.2
95 32.4 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 38.742 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion: 146 Resp: 139634
Ion Ratio Lower Upper
146 100
148 64.4 48.2 72.2
75 29.4 24.1 36.1

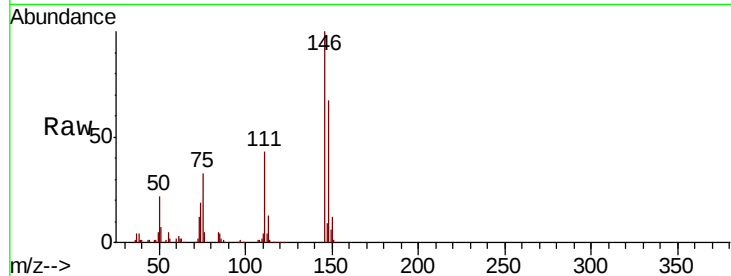




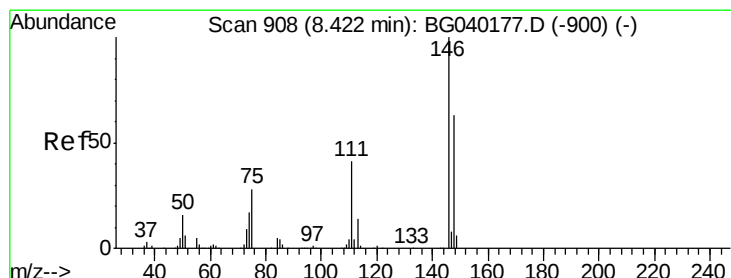
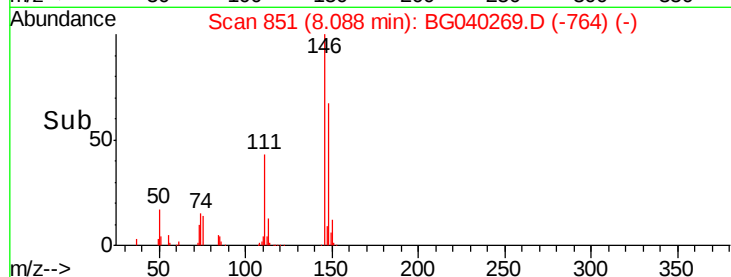
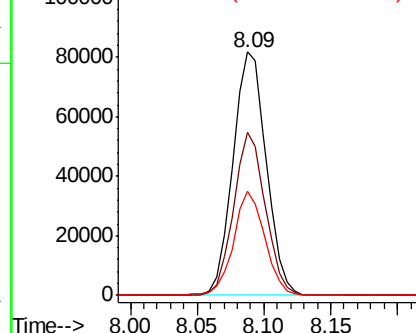
#13
 1,4-Dichlorobenzene
 Concen: 39.474 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion:146 Resp: 141699
 Ion Ratio Lower Upper
 146 100
 148 66.8 51.0 76.4
 111 42.7 31.8 47.6

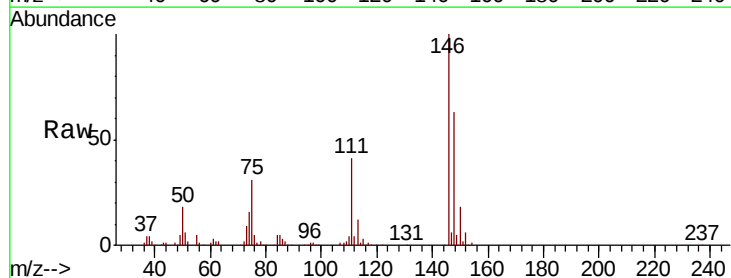


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

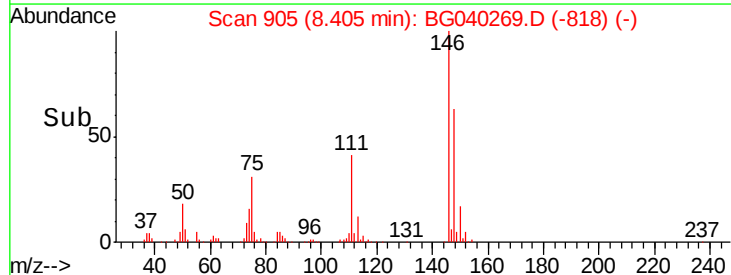
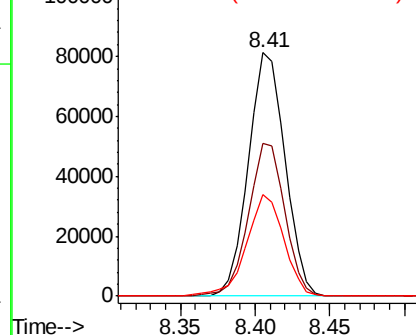


#14
 1,2-Dichlorobenzene
 Concen: 40.231 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:146 Resp: 138104
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 41.5 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.075 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

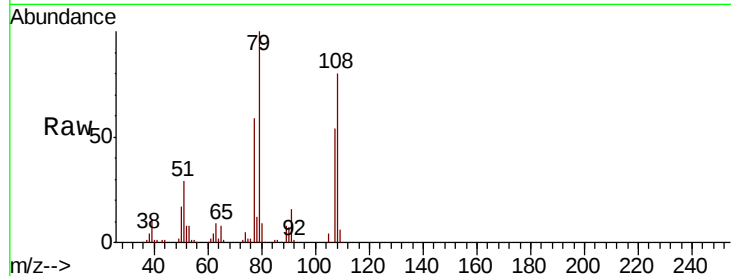
Tgt Ion: 79 Resp: 126331

Ion Ratio Lower Upper

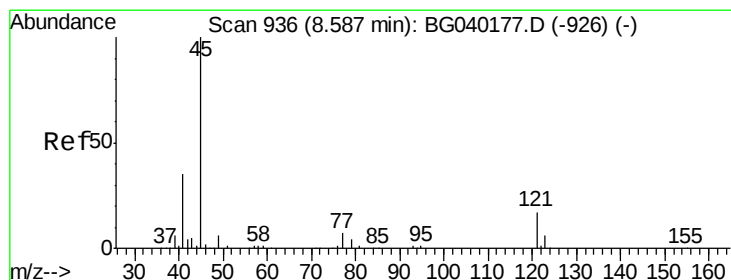
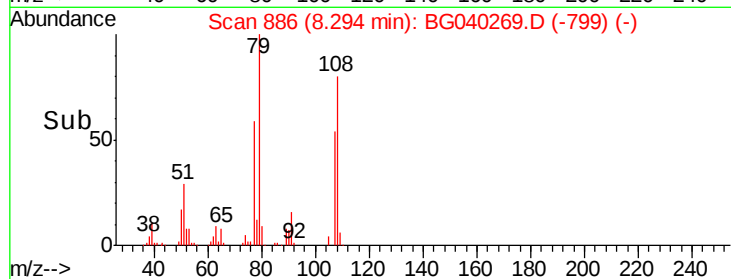
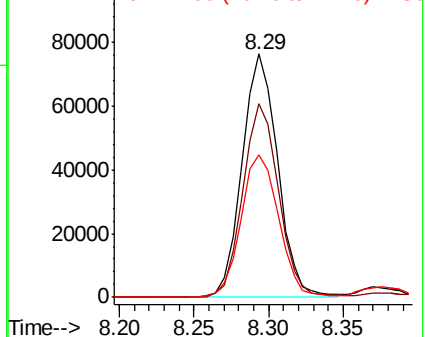
79 100

108 79.6 62.1 93.1

77 58.6 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.007 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

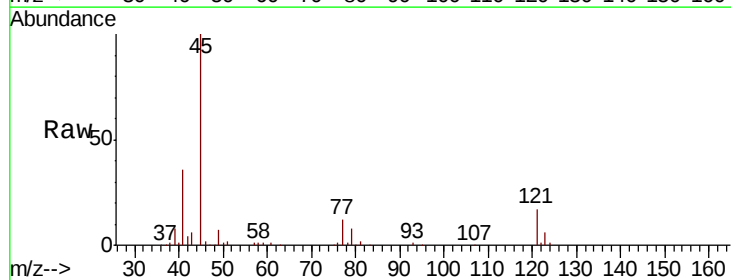
Tgt Ion: 45 Resp: 241686

Ion Ratio Lower Upper

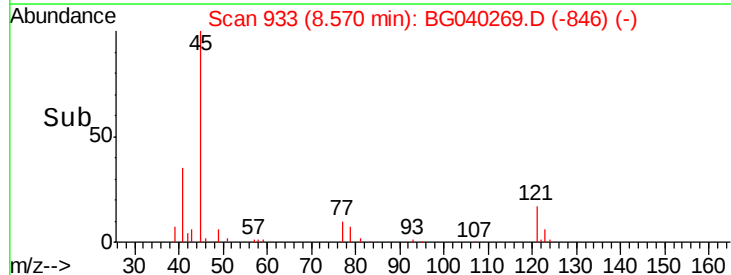
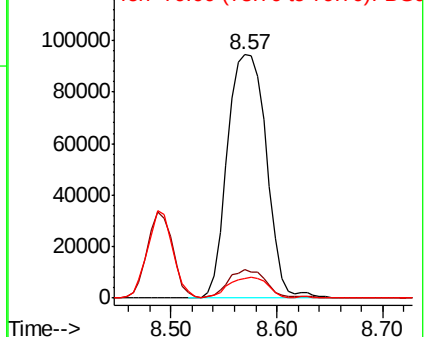
45 100

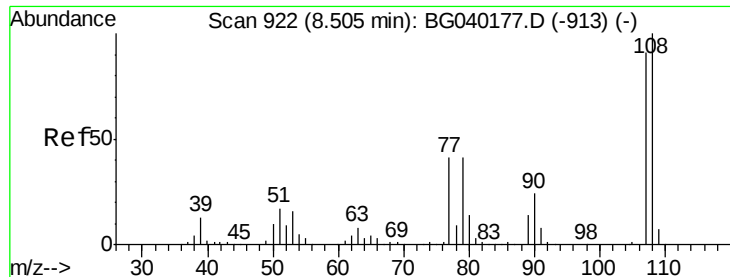
77 11.5 0.0 31.4

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

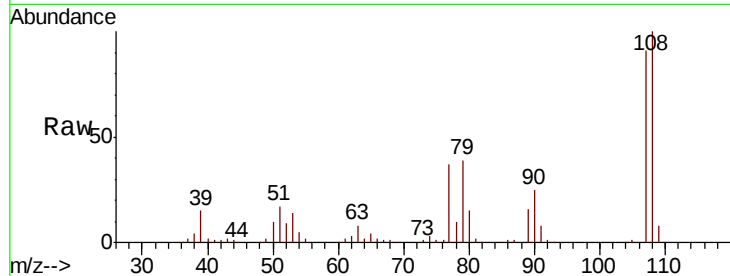




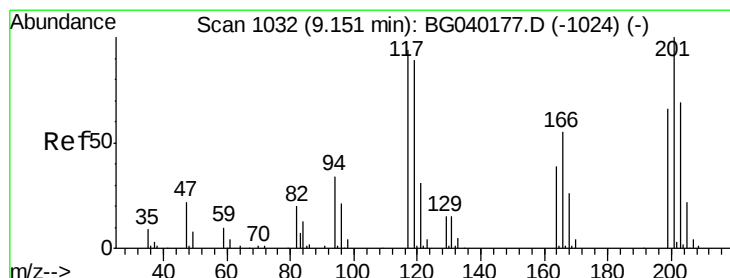
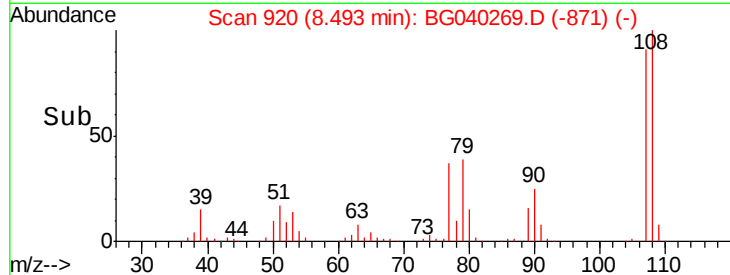
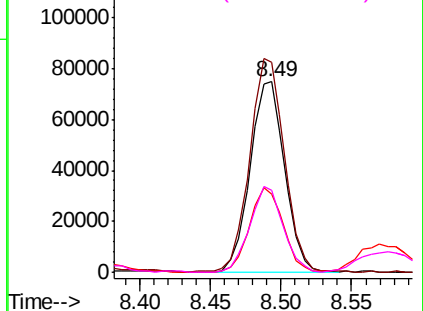
#17
2-Methylphenol
Concen: 43.866 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:107 Resp: 128964
Ion Ratio Lower Upper
107 100
108 110.2 88.2 132.4
77 41.3 36.6 55.0
79 43.2 36.5 54.7

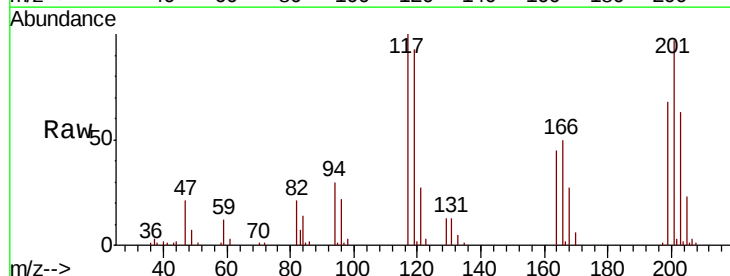


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

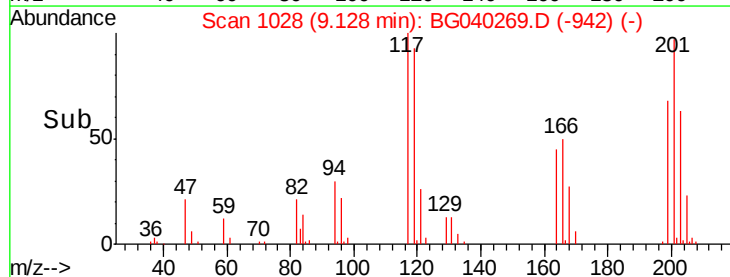
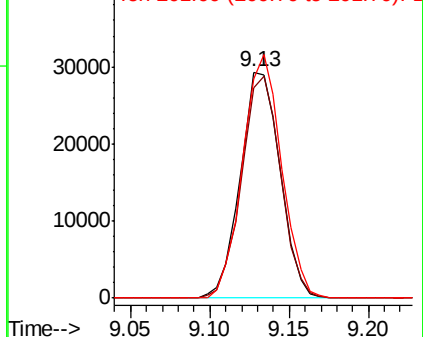


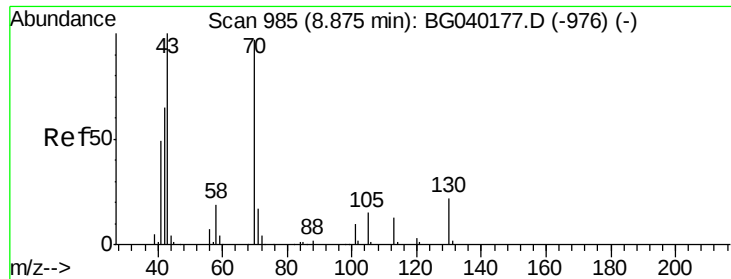
#18
Hexachloroethane
Concen: 37.406 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:117 Resp: 51076
Ion Ratio Lower Upper
117 100
119 92.9 76.6 115.0
201 97.2 85.0 127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

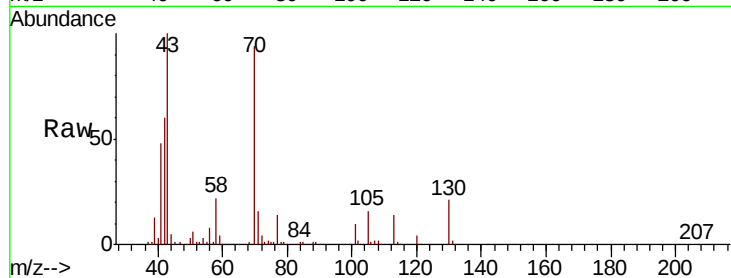




#19
n-Nitroso-di-n-propylamine
Concen: 37.546 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:	70	Resp:	105373
Ion	Ratio	Lower	Upper
70	100		
42	63.5	54.0	81.0
101	10.5	8.6	13.0
130	21.9	18.2	27.2



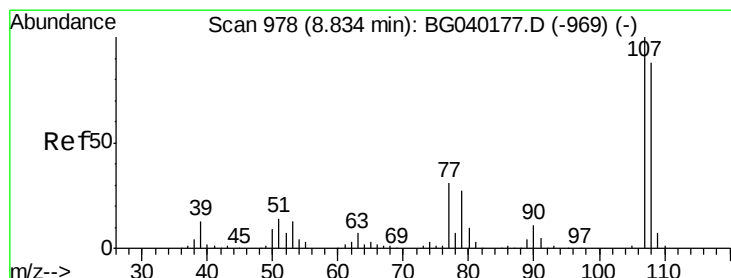
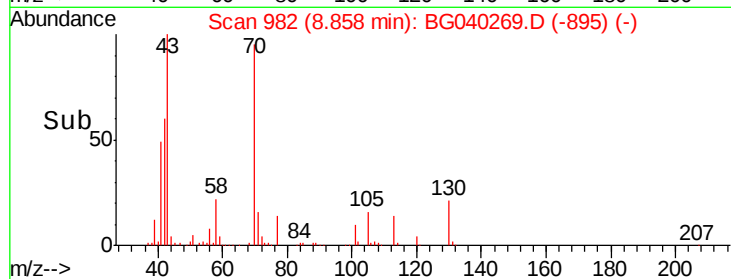
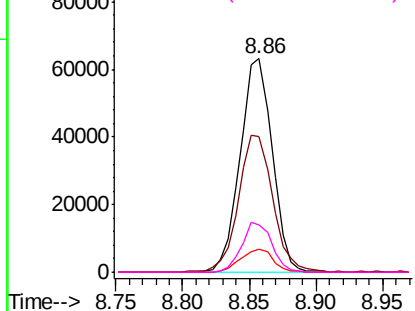
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

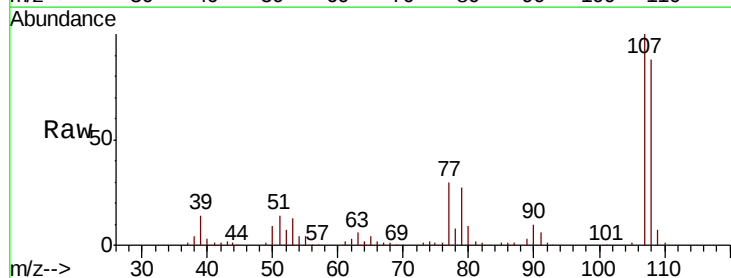
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.422 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:	107	Resp:	176926
Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.3	108.3
77	30.5	11.3	51.3
79	27.3	7.3	47.3



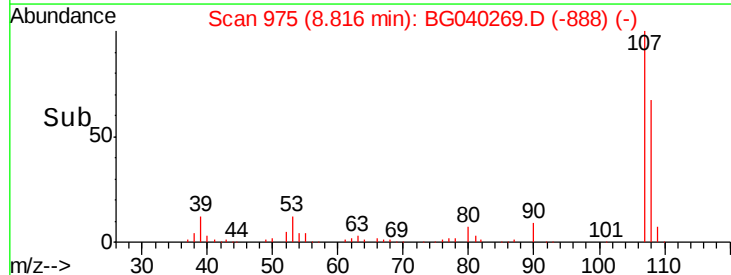
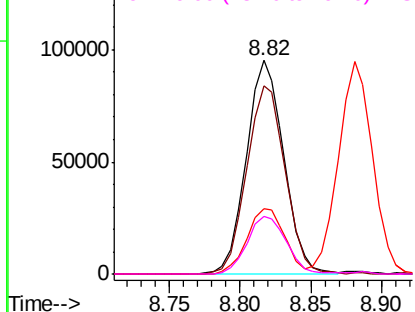
Abundance

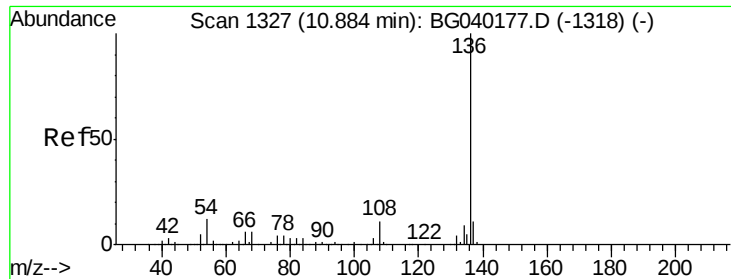
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

Tgt Ion:136 Resp: 204464

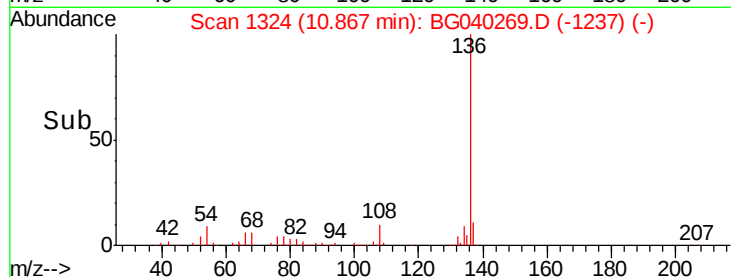
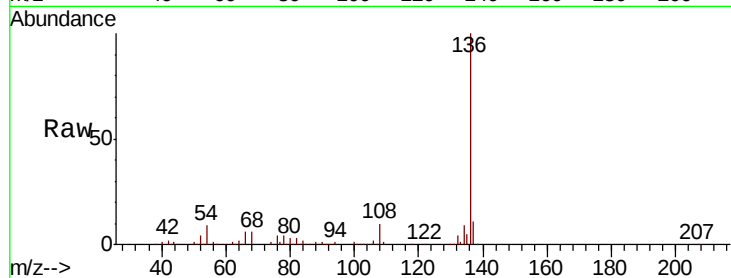
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.4 9.6 14.4#

68 6.2 5.1 7.7

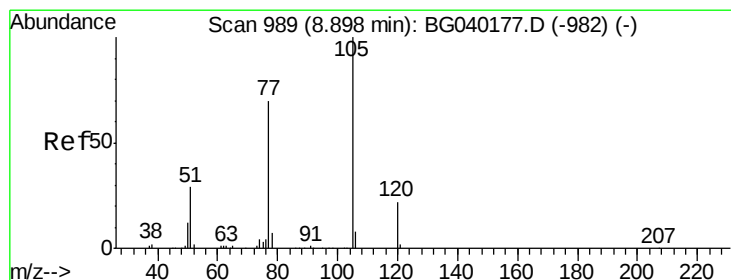
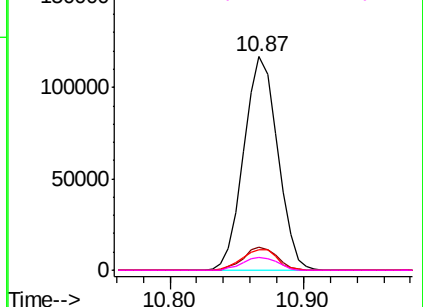


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.279 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:105 Resp: 205436

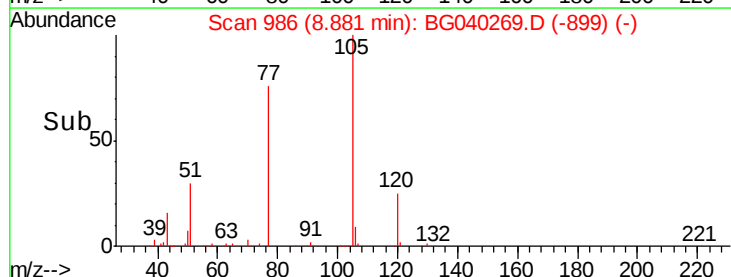
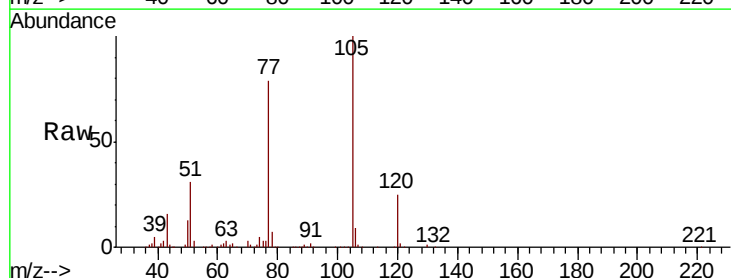
Ion Ratio Lower Upper

105 100

71 0.6 0.6 1.0#

51 30.7 25.1 37.7

120 25.0 17.6 26.4

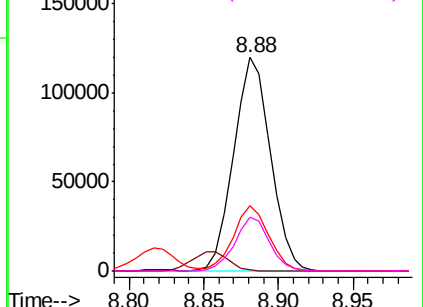


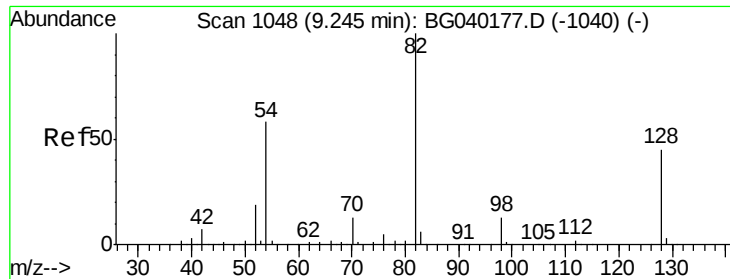
Abundance Ion 105.00 (104.70 to 105.70): E

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

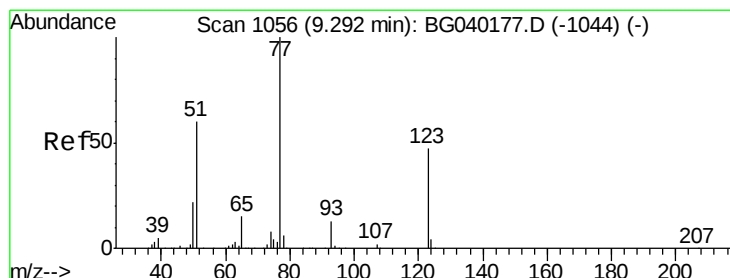
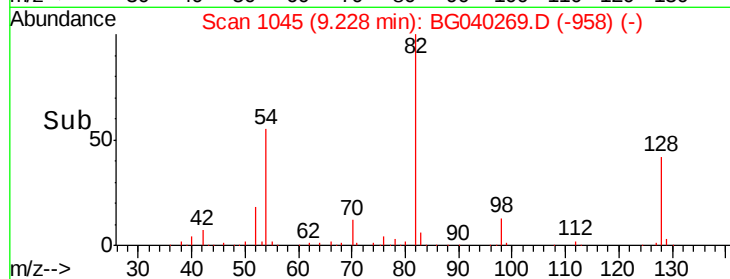
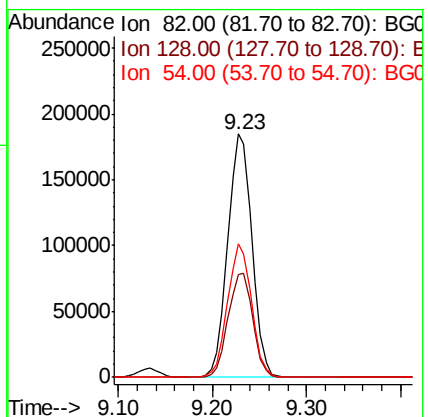
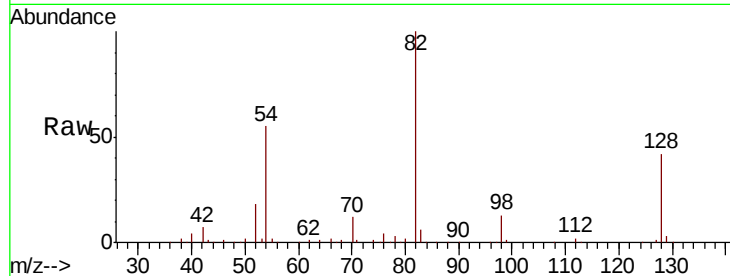




#23
Nitrobenzene-d5
Concen: 85.853 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

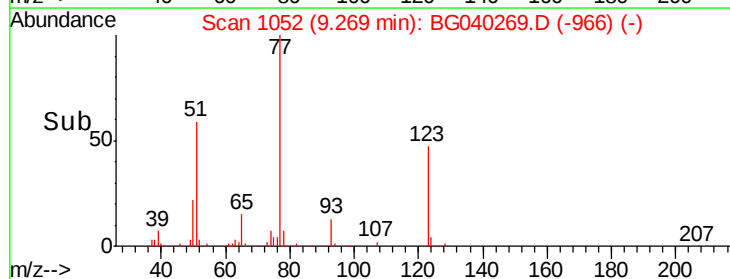
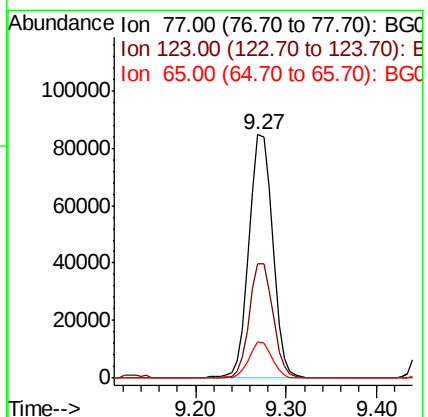
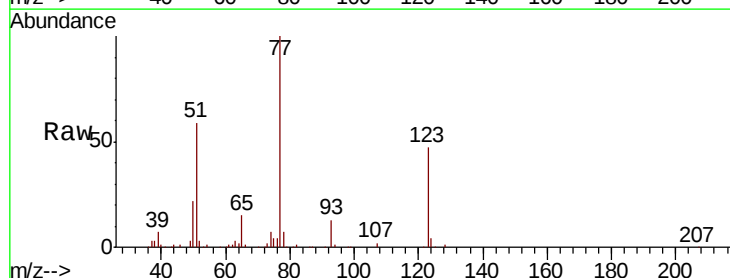
Instrument :
BNA_G
ClientSampleId :
PB118456BS

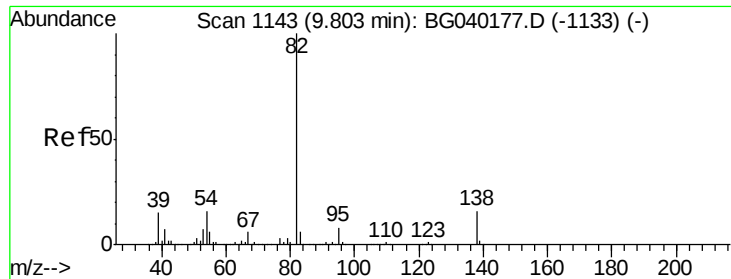
Tgt Ion: 82 Resp: 330247
Ion Ratio Lower Upper
82 100
128 42.3 35.8 53.8
54 55.0 46.2 69.2



#24
Nitrobenzene
Concen: 38.782 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion: 77 Resp: 154482
Ion Ratio Lower Upper
77 100
123 47.2 37.8 56.6
65 14.8 12.0 18.0





#25

Isophorone

Concen: 39.112 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

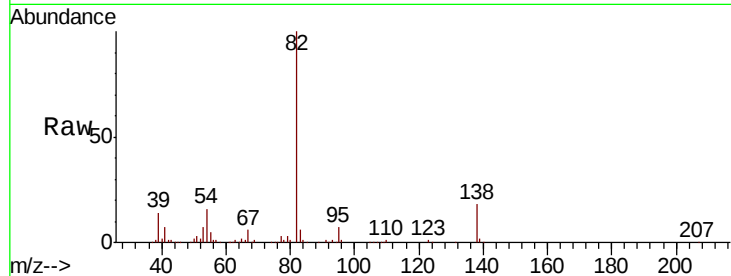
Tgt Ion: 82 Resp: 309565

Ion Ratio Lower Upper

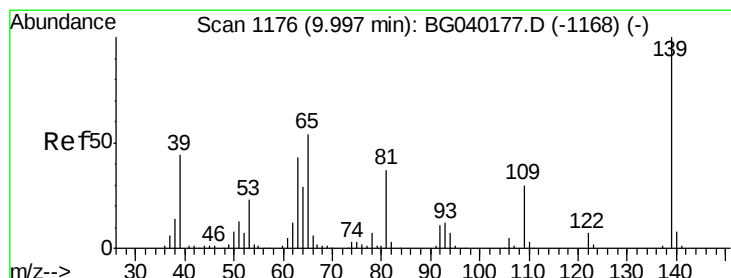
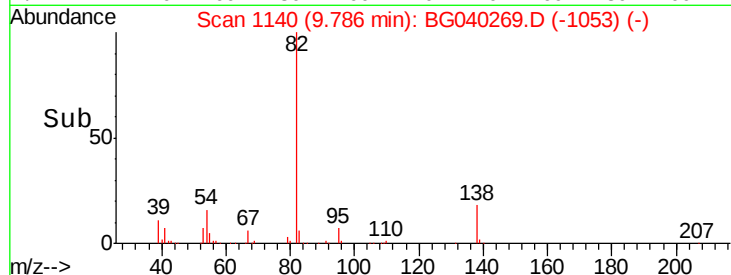
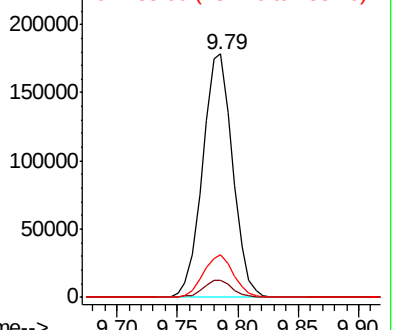
82 100

95 6.8 6.1 9.1

138 17.6 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: 41.355 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

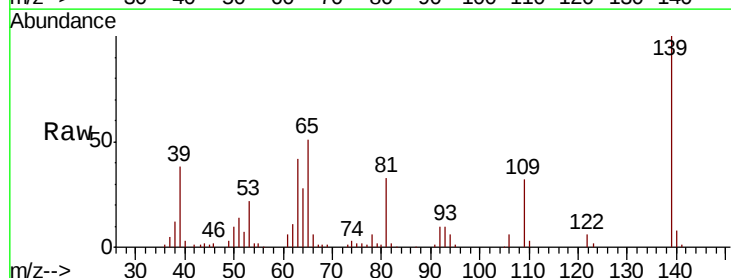
Tgt Ion: 139 Resp: 78056

Ion Ratio Lower Upper

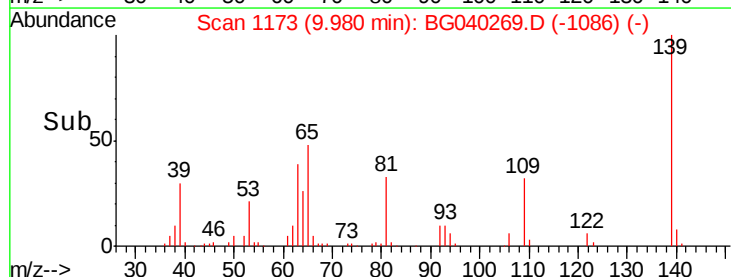
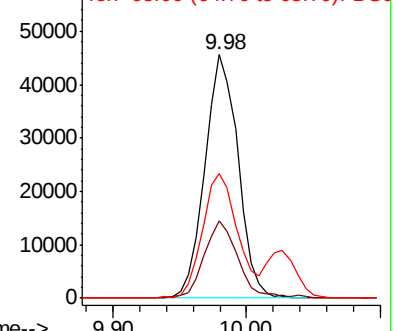
139 100

109 31.7 24.1 36.1

65 51.3 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

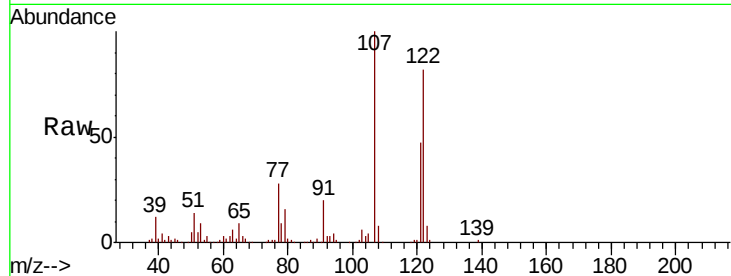




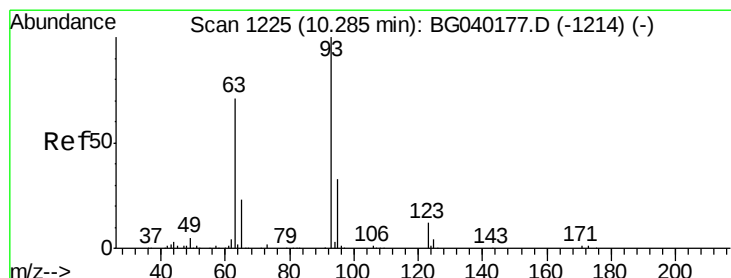
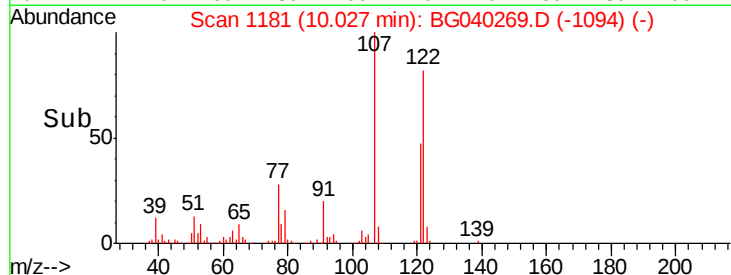
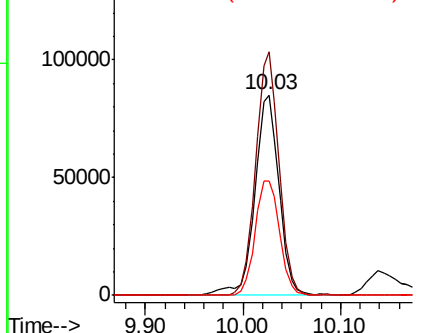
#27
 2,4-Dimethylphenol
 Concen: 49.873 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion:122 Resp: 149524
 Ion Ratio Lower Upper
 122 100
 107 121.3 97.4 146.2
 121 57.1 47.7 71.5

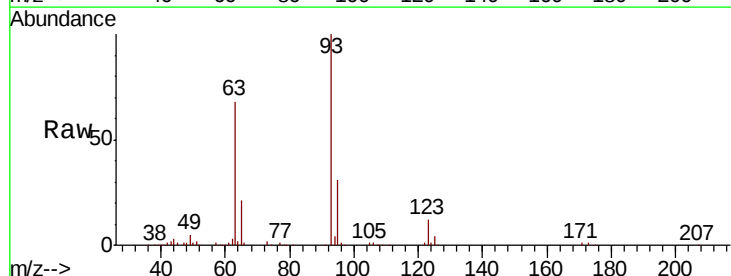


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

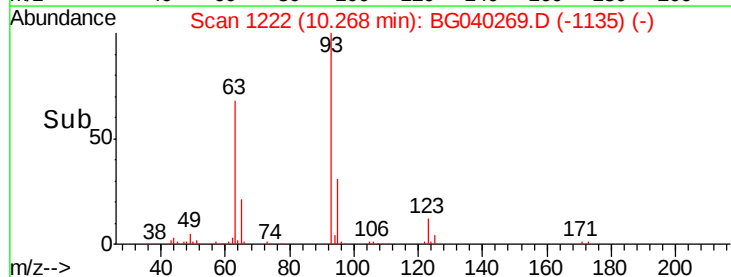
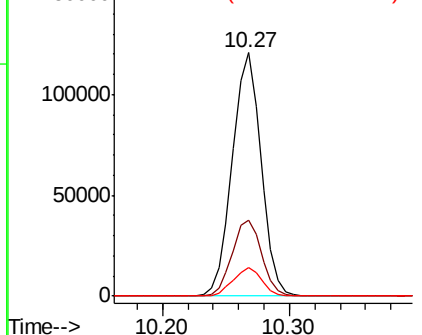


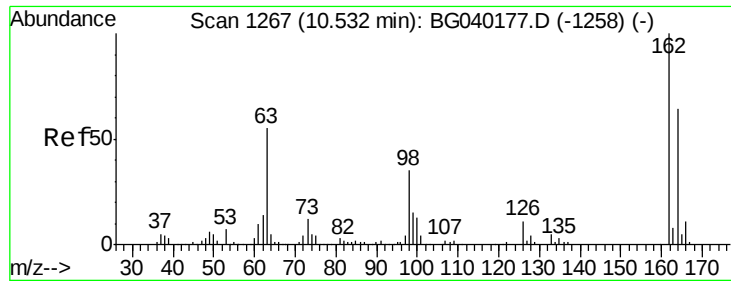
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.505 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion: 93 Resp: 189670
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.2 39.4
 123 11.7 9.4 14.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

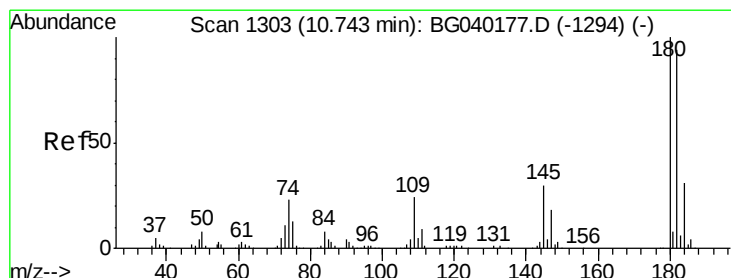
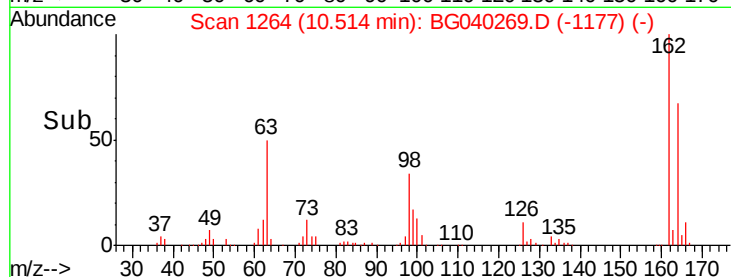
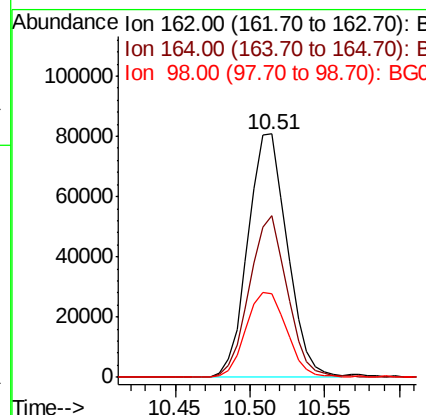
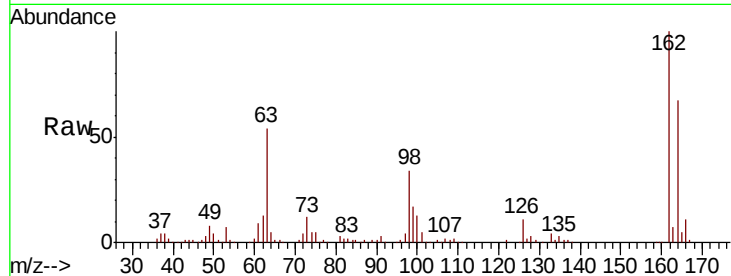




#29
 2,4-Dichlorophenol
 Concen: 45.361 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

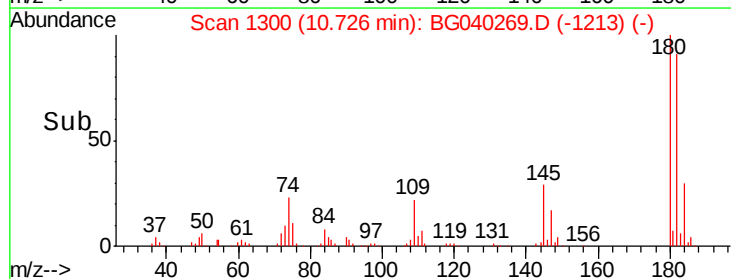
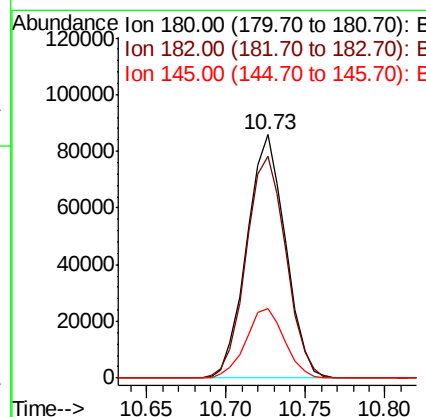
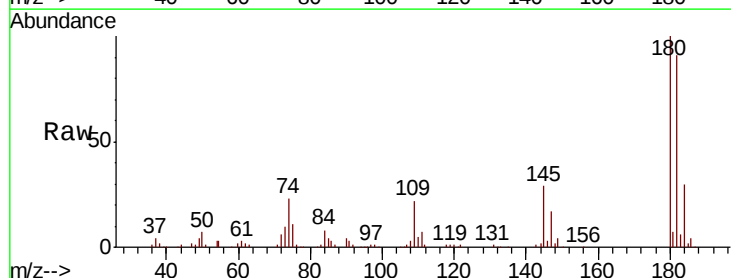
Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

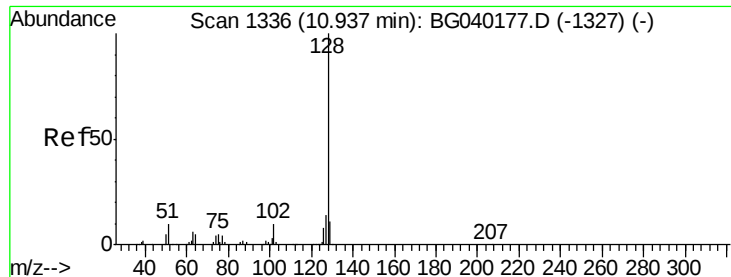
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.9	83.9
98	34.3	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.670 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.1	112.7
145	28.6	24.1	36.1

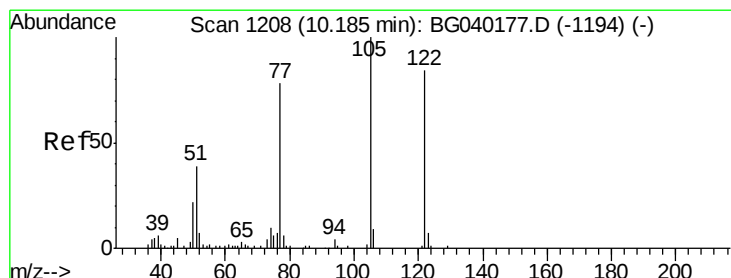
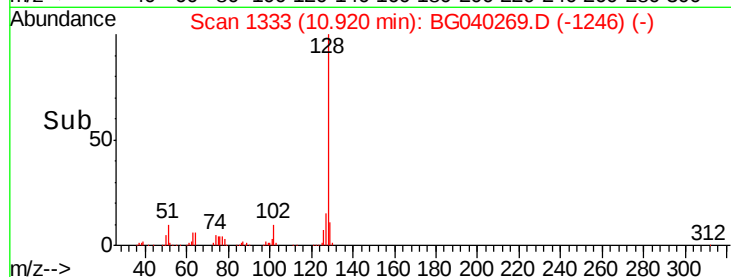
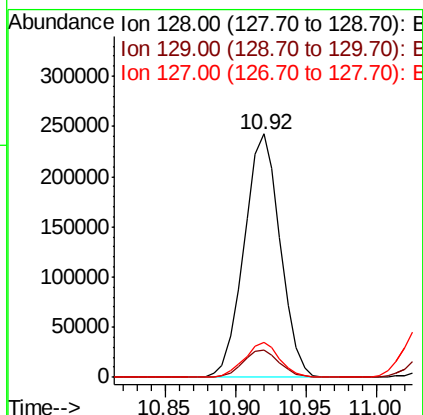
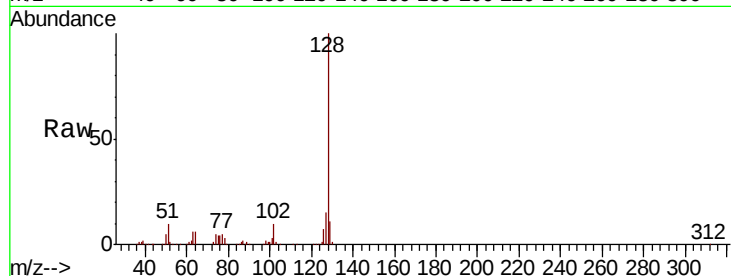




#31
Naphthalene
Concen: 41.389 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

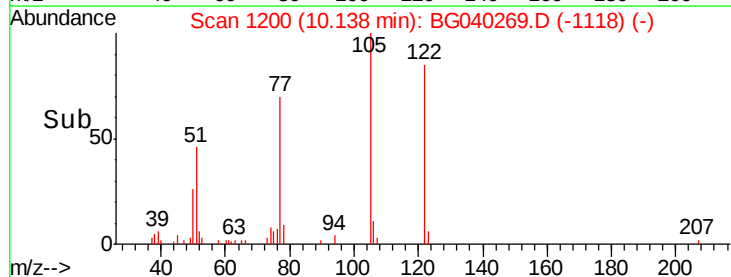
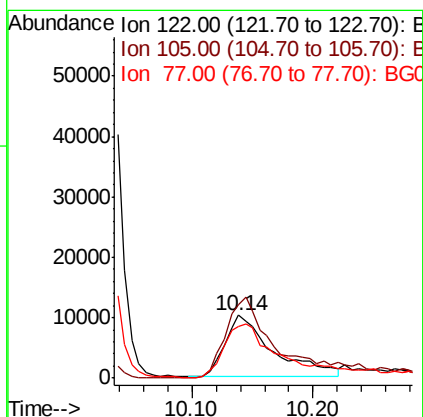
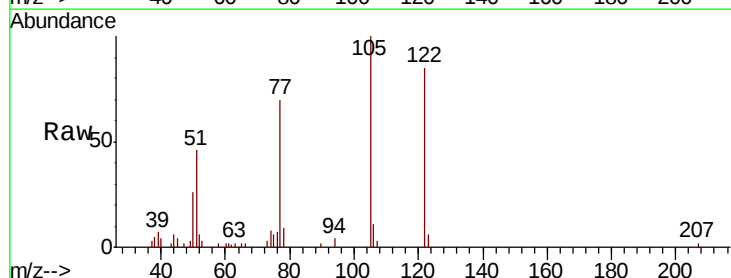
Instrument :
BNA_G
ClientSampleId :
PB118456BS

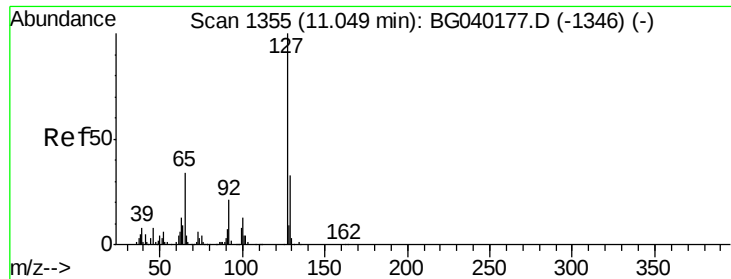
Tgt Ion:128 Resp: 433769
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 15.695 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:122 Resp: 28430
Ion Ratio Lower Upper
122 100
105 117.0 98.2 138.2
77 82.3 73.6 113.6

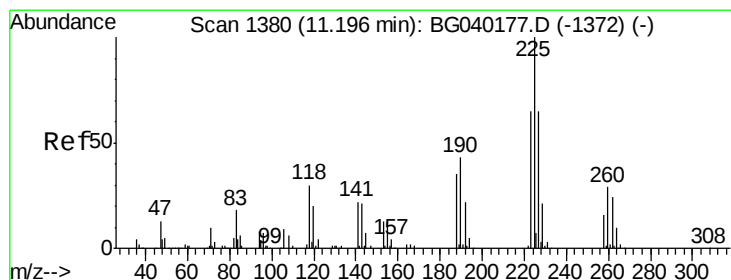
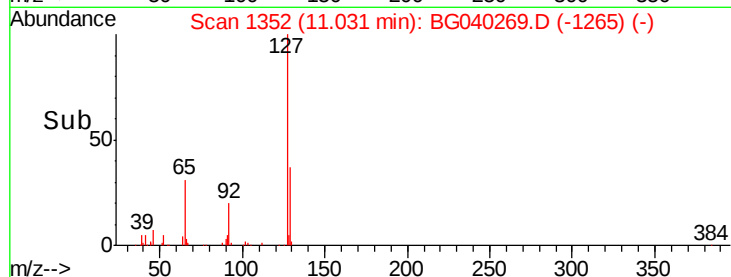
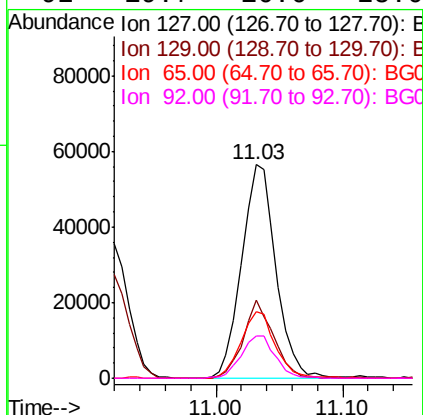
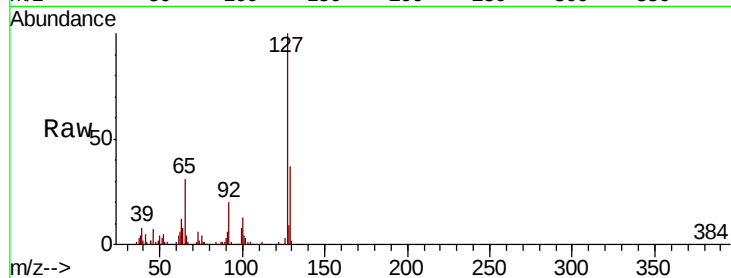




#33
4-Chloroaniline
Concen: 23.741 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

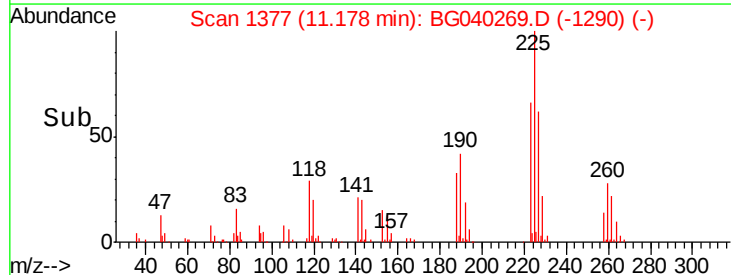
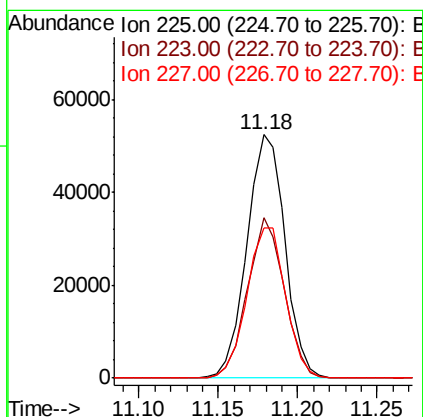
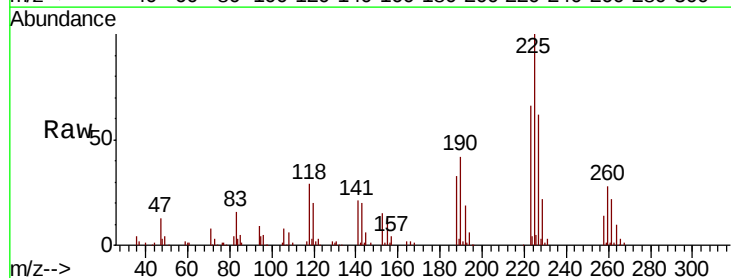
Instrument :
BNA_G
ClientSampleId :
PB118456BS

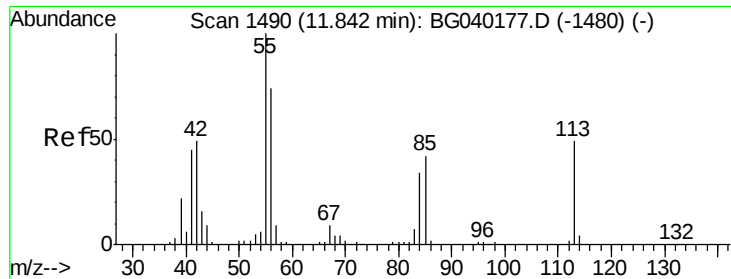
Tgt Ion:	127	Resp:	106133
Ion	Ratio	Lower	Upper
127	100		
129	36.8	26.6	40.0
65	31.5	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.320 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:	225	Resp:	87572
Ion	Ratio	Lower	Upper
225	100		
223	66.1	51.8	77.8
227	64.6	54.9	82.3

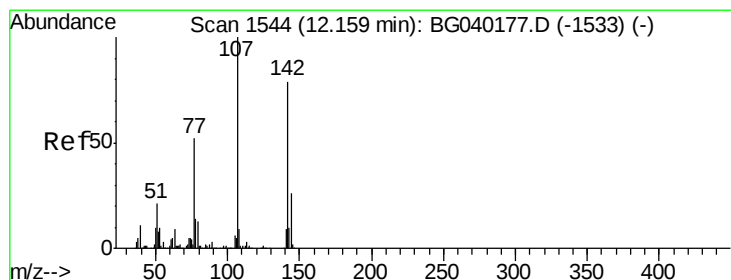
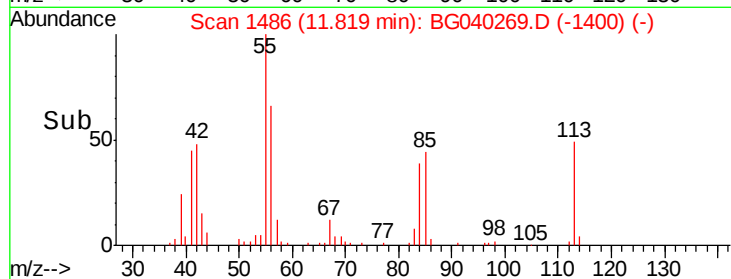
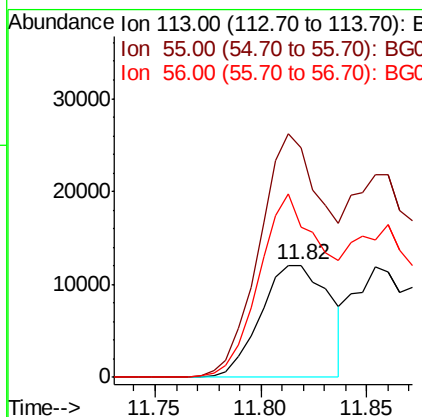
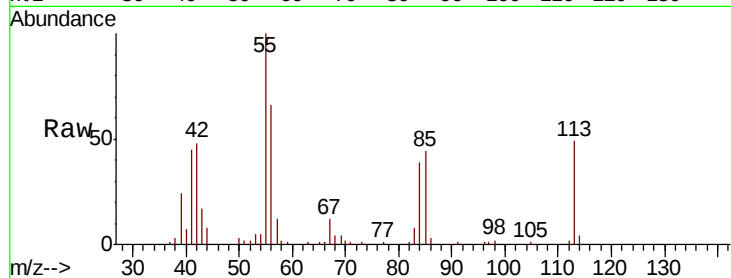




#35
 Caprolactam
 Concen: 21.088 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

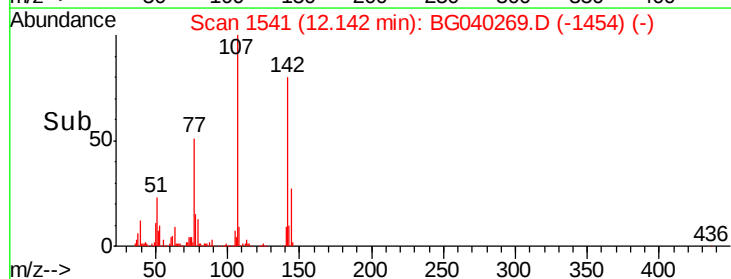
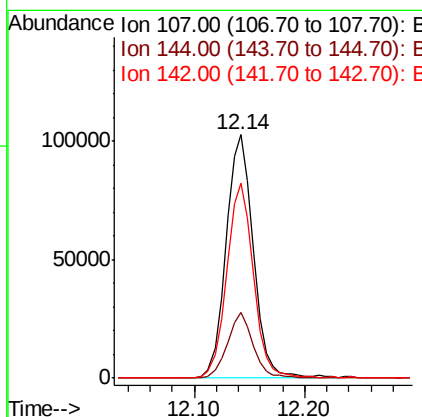
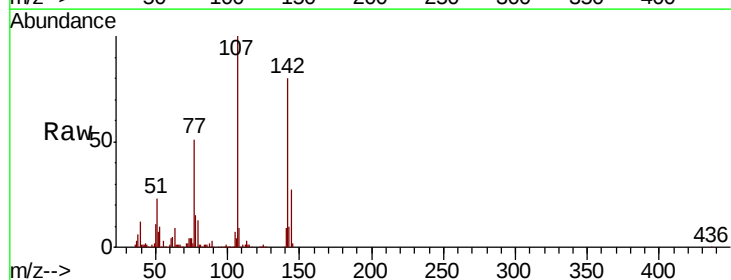
Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

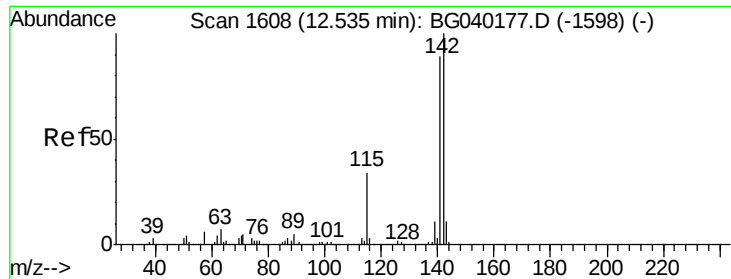
Tgt Ion:113 Resp: 27233
 Ion Ratio Lower Upper
 113 100
 55 204.1 184.2 224.2
 56 134.2 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.461 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:107 Resp: 177559
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.5 30.7
 142 79.8 63.1 94.7

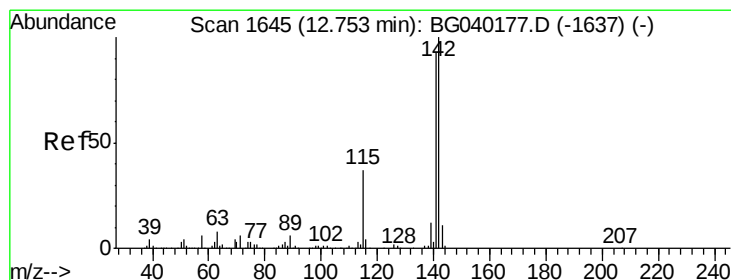
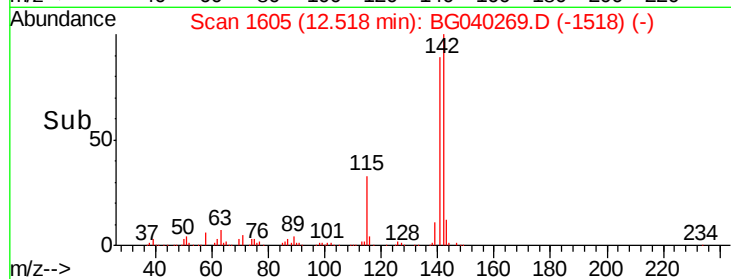
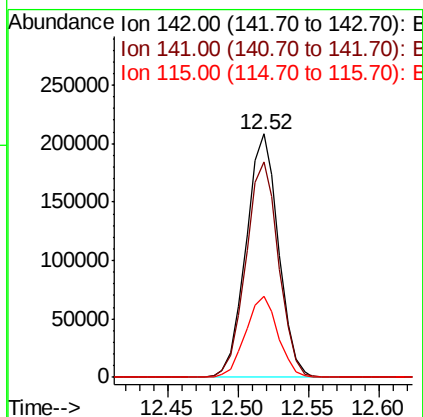
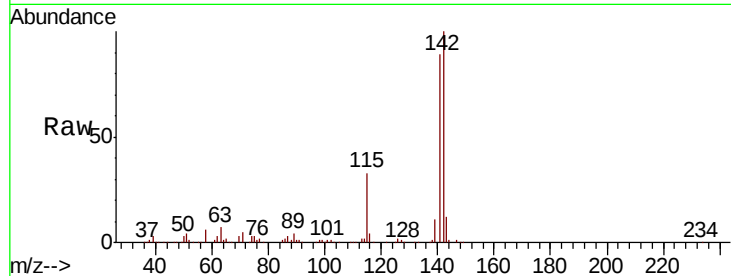




#37
2-Methylnaphthalene
Concen: 43.139 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

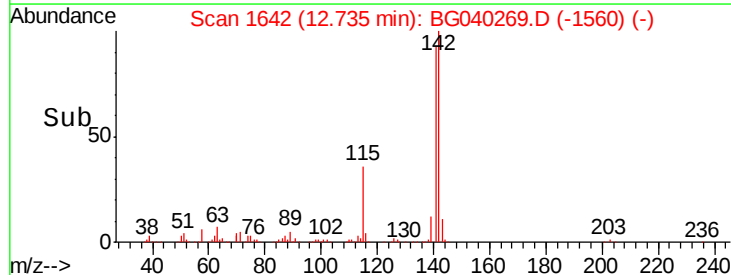
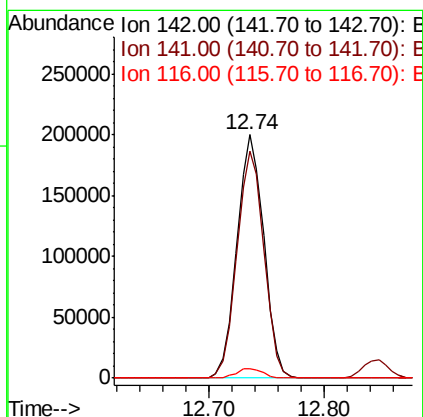
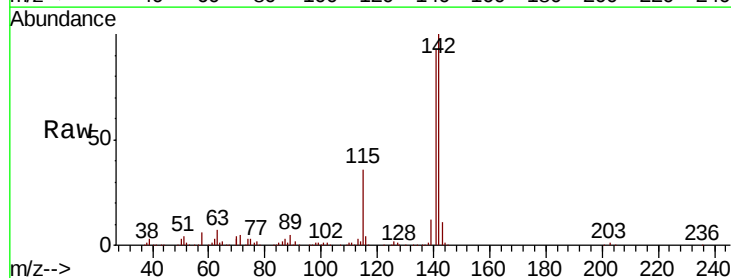
Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:142 Resp: 334375
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 33.2 27.3 40.9



#38
1-Methylnaphthalene
Concen: 42.706 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:142 Resp: 320983
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

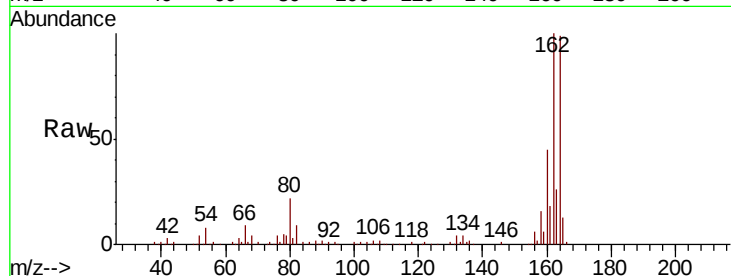
Tgt Ion:164 Resp: 142921

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

160 45.0 35.3 52.9

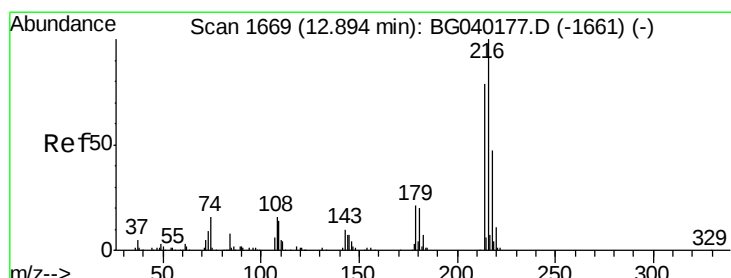
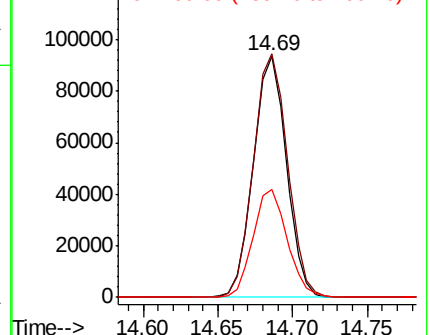
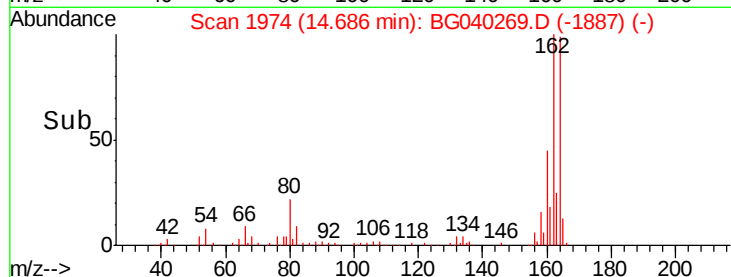


Abundance

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: 37.399 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Tgt Ion:216 Resp: 169887

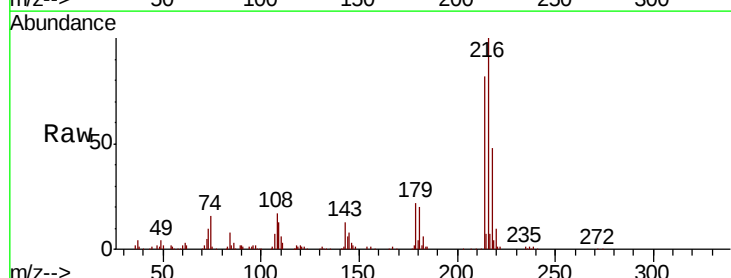
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.6 16.6 25.0

108 19.9 13.8 20.8



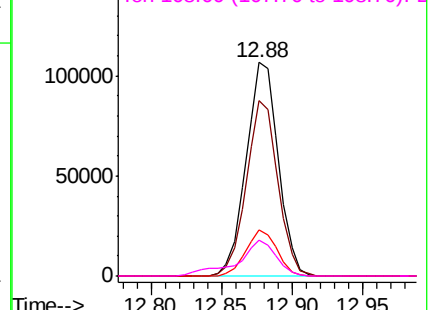
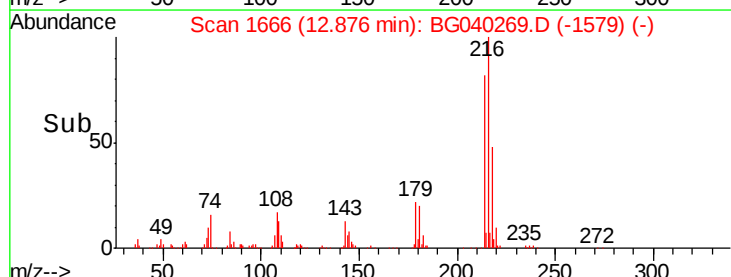
Abundance

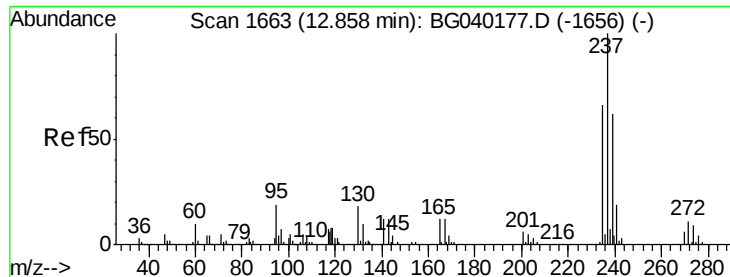
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.531 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

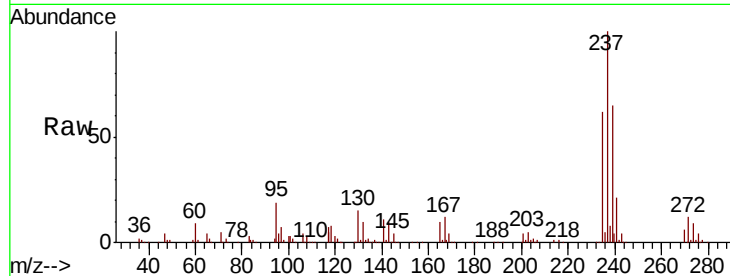
Tgt Ion: 237 Resp: 208341

Ion Ratio Lower Upper

237 100

235 61.9 46.2 86.2

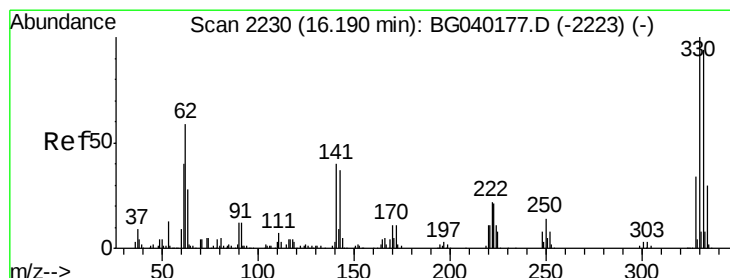
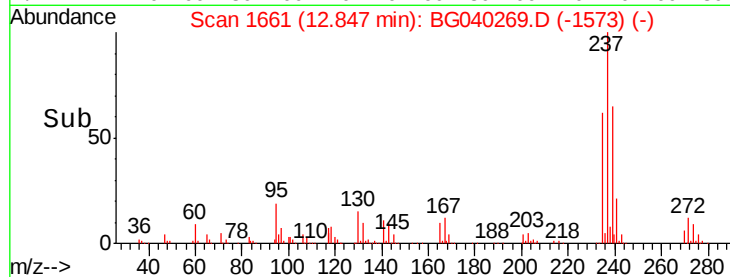
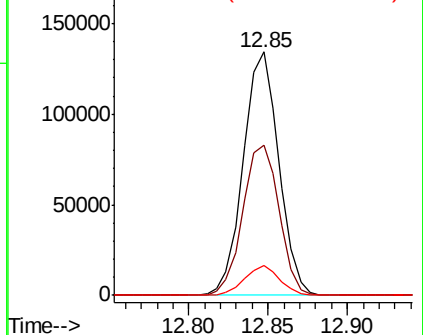
272 12.4 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 163.486 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

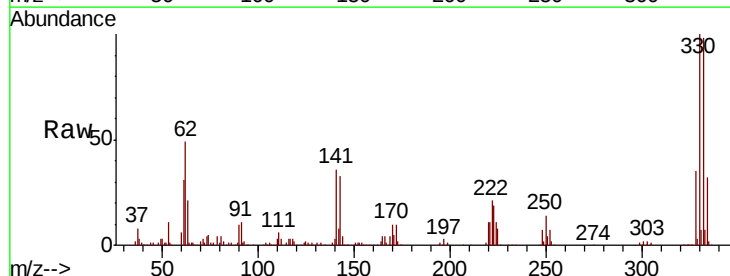
Tgt Ion: 330 Resp: 252521

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

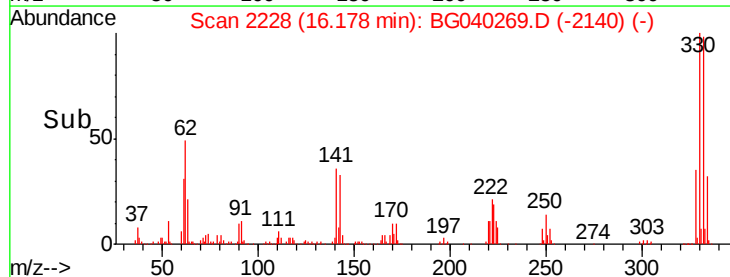
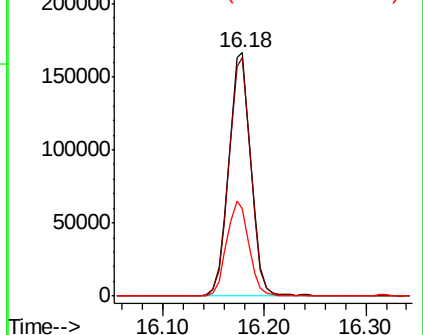
141 39.3 32.6 48.8



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

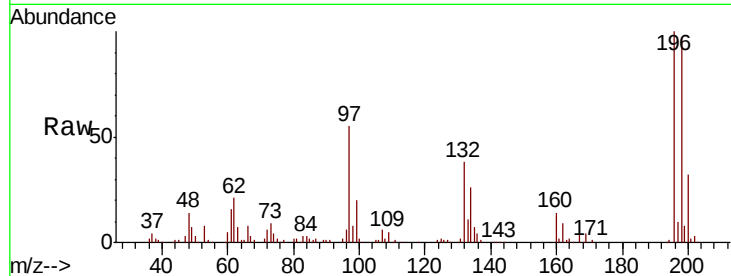




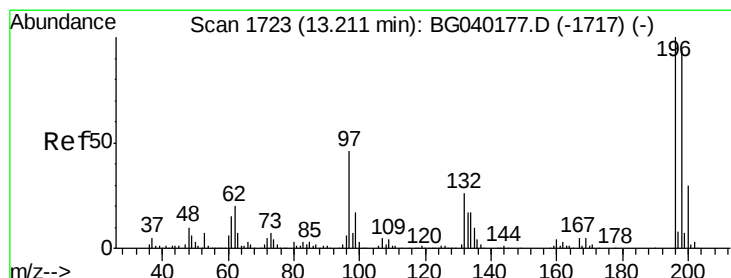
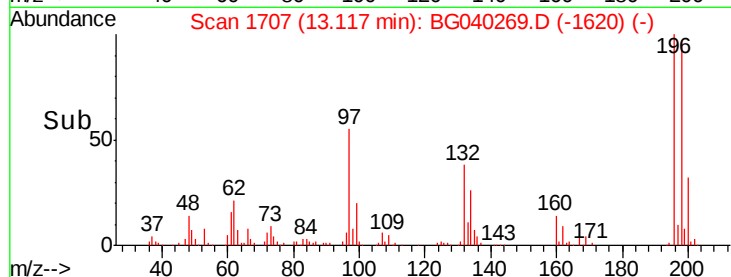
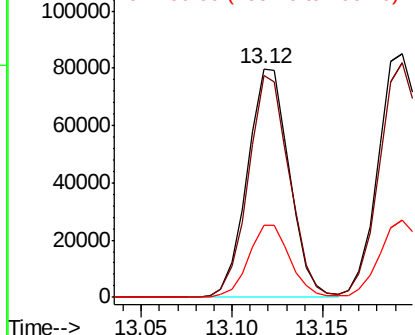
#43
 2,4,6-Trichlorophenol
 Concen: 43.827 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleID :
 PB118456BS

Tgt Ion:196 Resp: 128356
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.3 117.5
 200 31.7 26.0 39.0

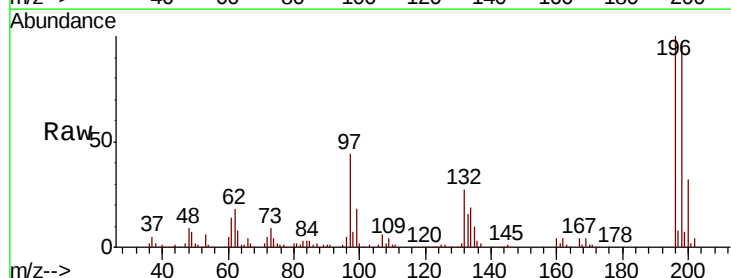


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

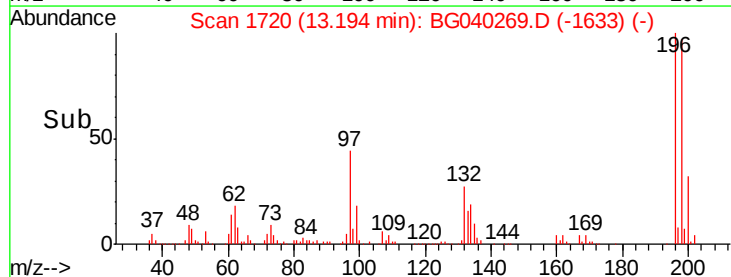
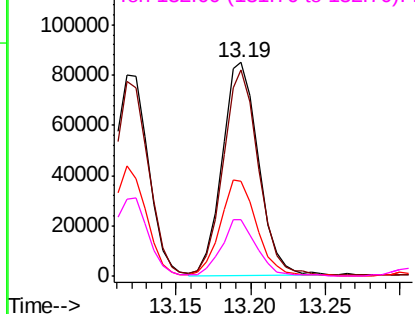


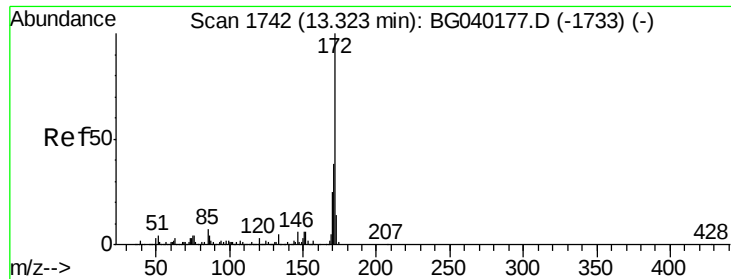
#44
 2,4,5-Trichlorophenol
 Concen: 45.143 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:196 Resp: 144108
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.0 112.6
 97 44.3 37.3 55.9
 132 26.6 20.9 31.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

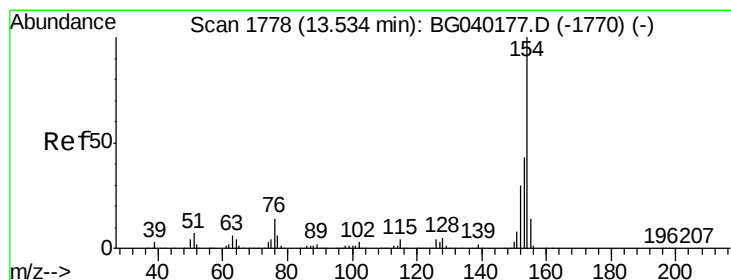
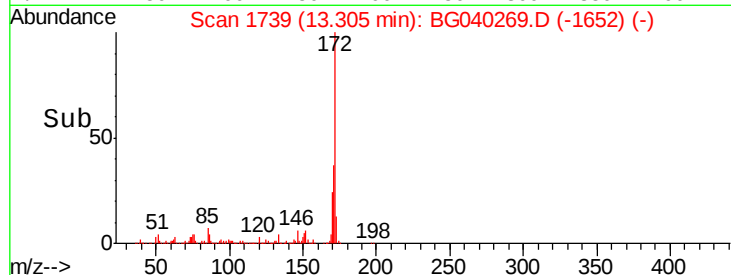
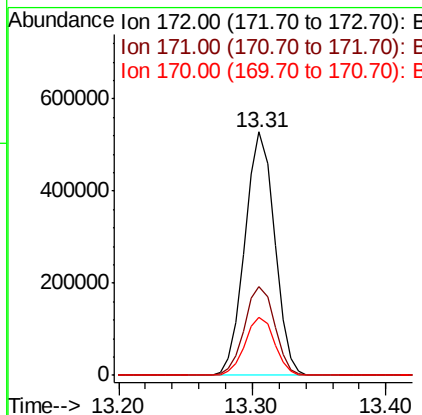
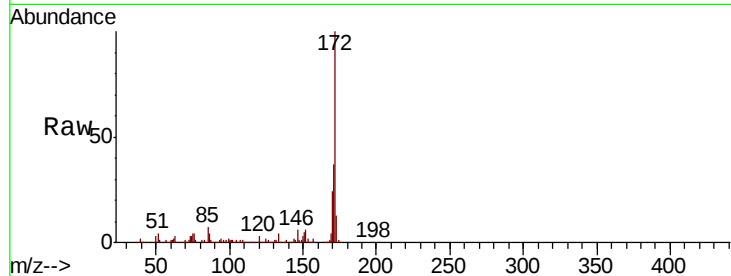




#45
2-Fluorobiphenyl
Concen: 83.848 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

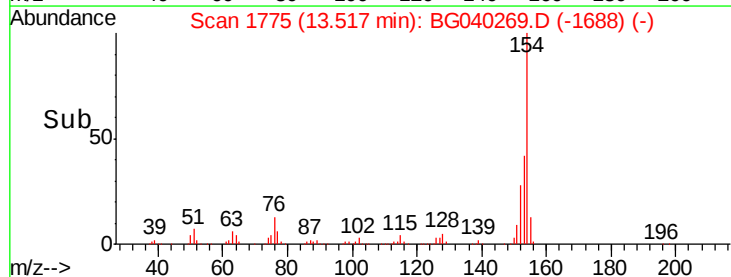
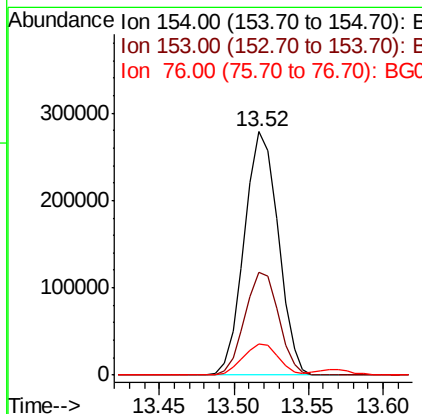
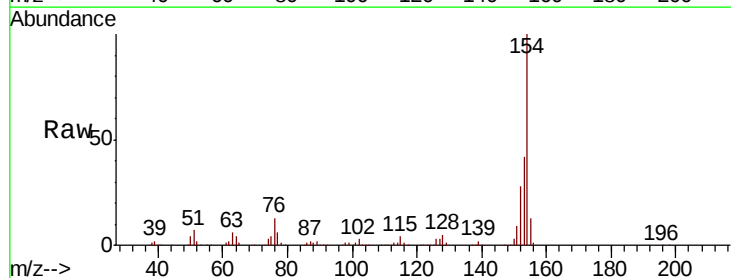
Instrument :
BNA_G
ClientSampleId :
PB118456BS

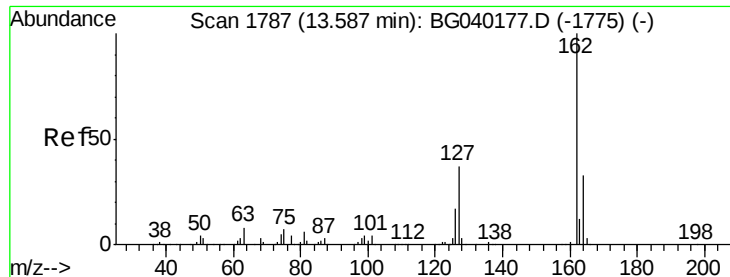
Tgt Ion:172 Resp: 808747
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 24.1 20.1 30.1



#46
1,1'-Biphenyl
Concen: 38.847 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:154 Resp: 438688
Ion Ratio Lower Upper
154 100
153 42.2 22.5 62.5
76 12.9 0.0 33.7

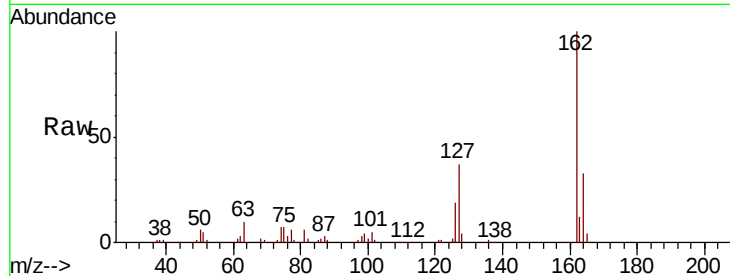




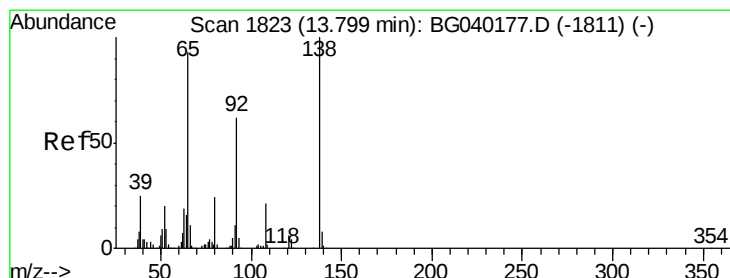
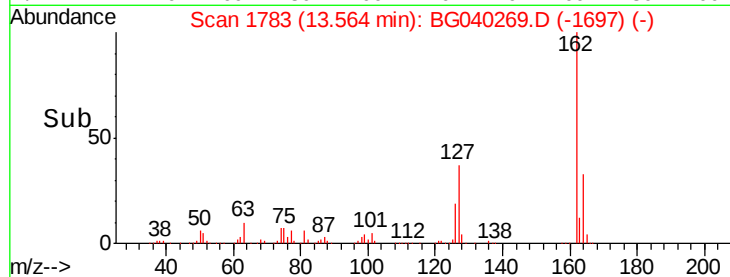
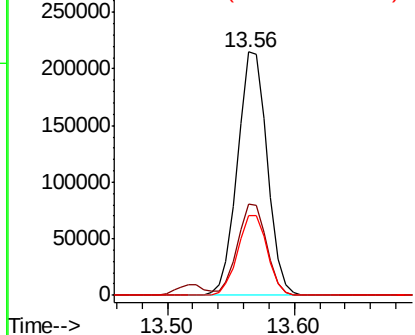
#47
 2-Chloronaphthalene
 Concen: 40.159 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion: 162 Resp: 347861
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.6 45.8
 164 33.0 26.2 39.4

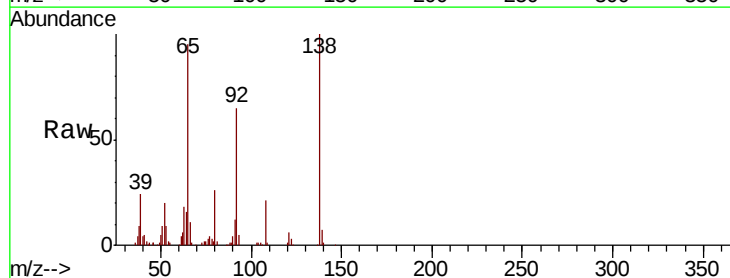


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

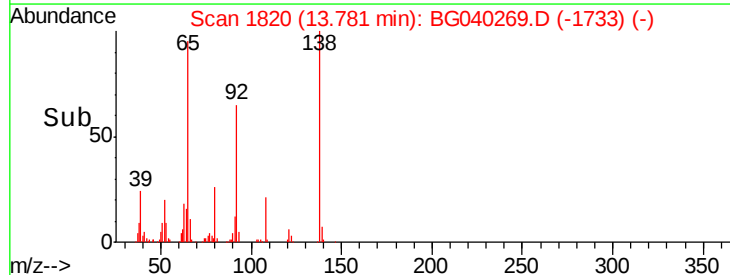
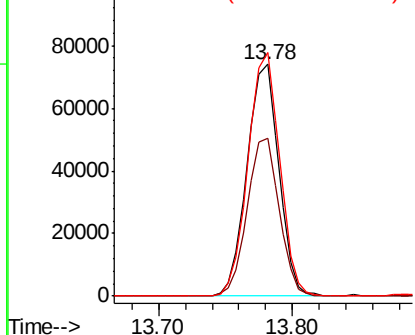


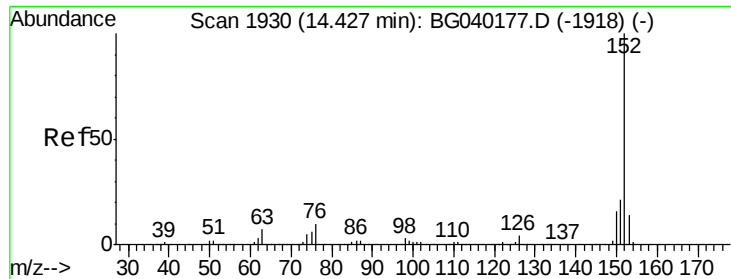
#48
 2-Nitroaniline
 Concen: 41.680 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion: 65 Resp: 121782
 Ion Ratio Lower Upper
 65 100
 92 68.3 53.8 80.6
 138 105.1 86.3 129.5



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





#49

Acenaphthylene

Concen: 40.432 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

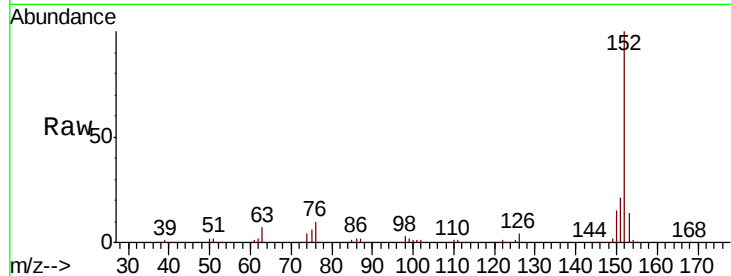
Tgt Ion:152 Resp: 593802

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

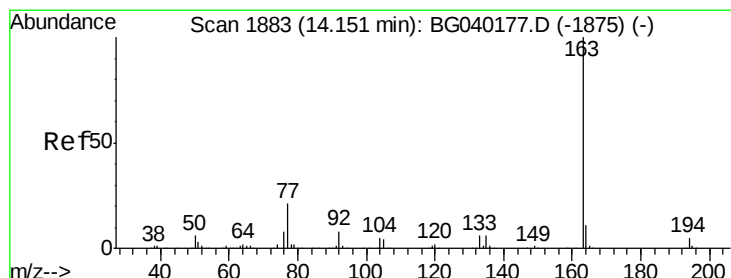
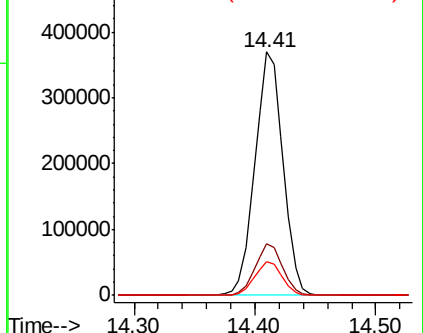
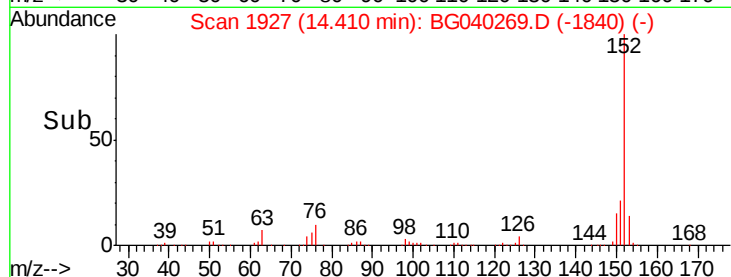
153 13.7 10.8 16.2



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: 42.841 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

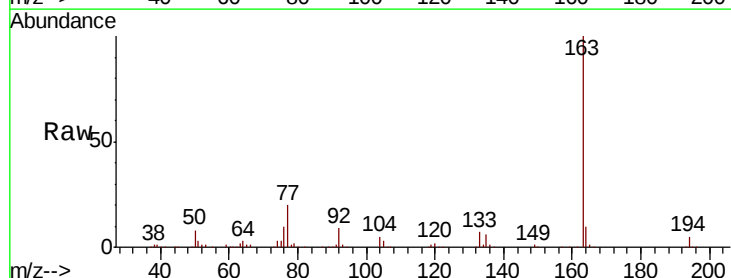
Tgt Ion:163 Resp: 479204

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

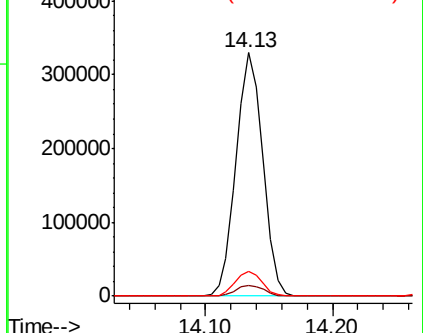
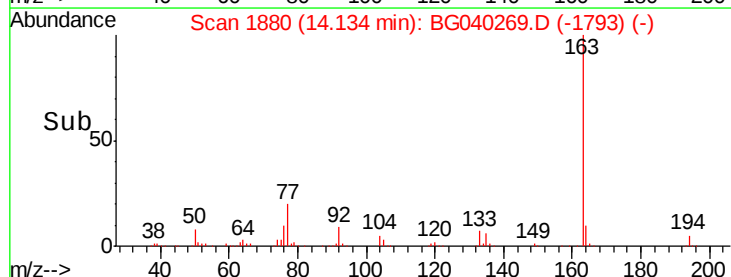
164 10.0 8.6 13.0

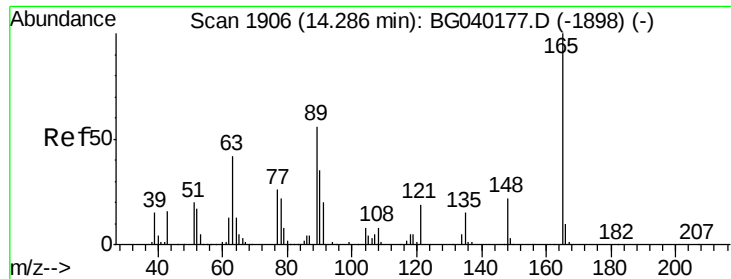


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.615 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

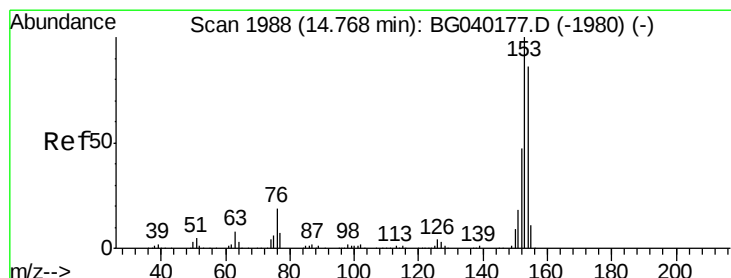
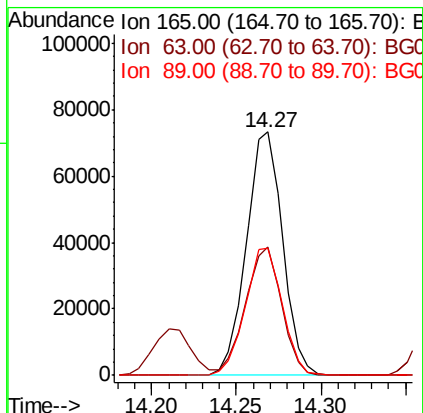
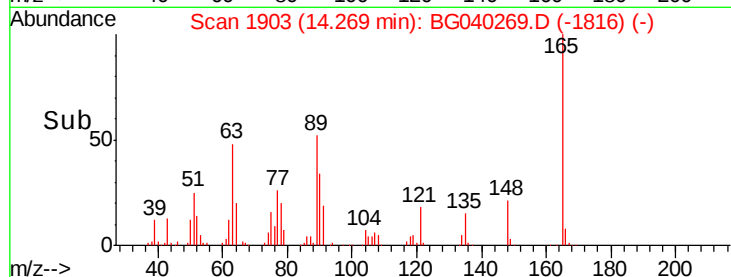
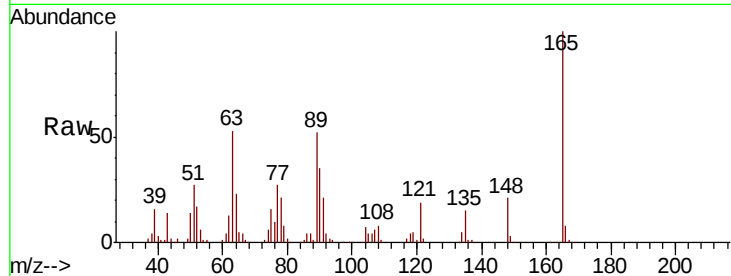
Tgt Ion:165 Resp: 109542

Ion Ratio Lower Upper

165 100

63 52.6 44.1 66.1

89 52.3 44.9 67.3



#52

Acenaphthene

Concen: 41.219 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

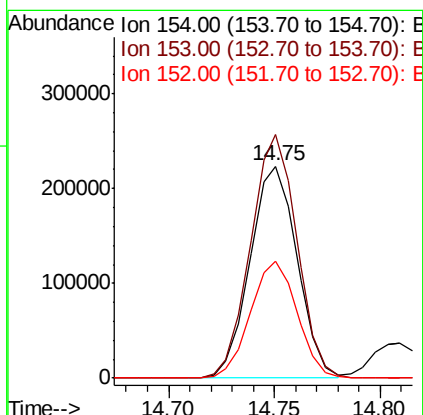
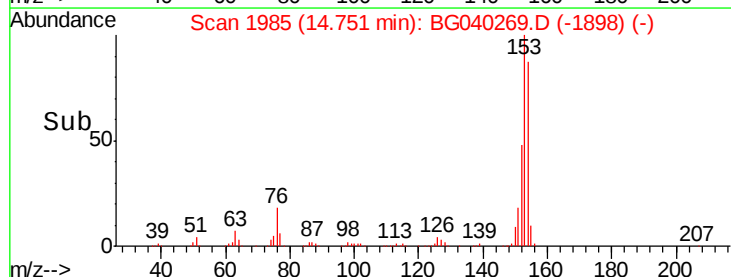
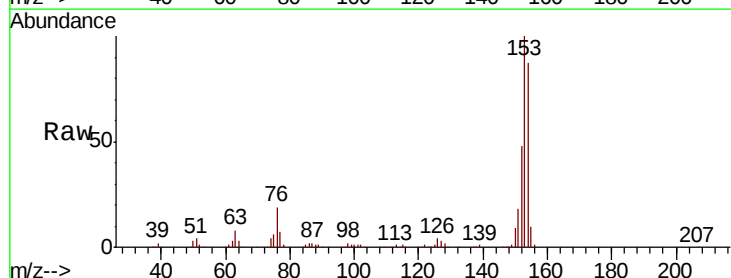
Tgt Ion:154 Resp: 346883

Ion Ratio Lower Upper

154 100

153 114.9 92.8 139.2

152 55.3 43.4 65.2

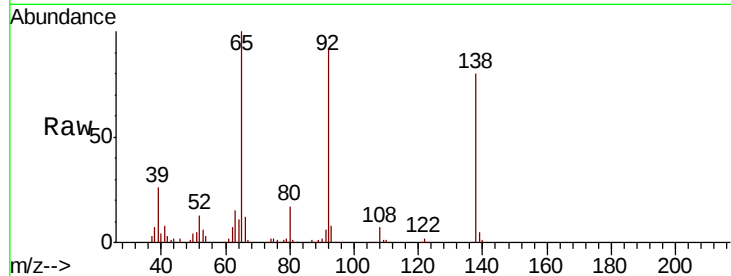




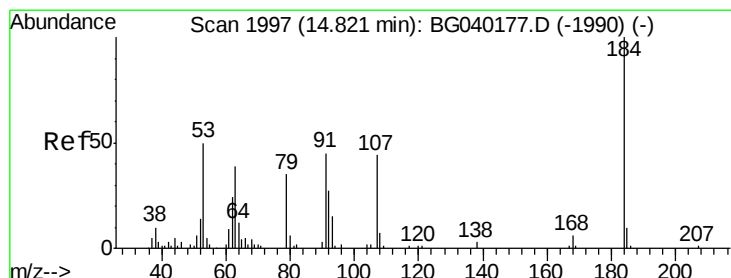
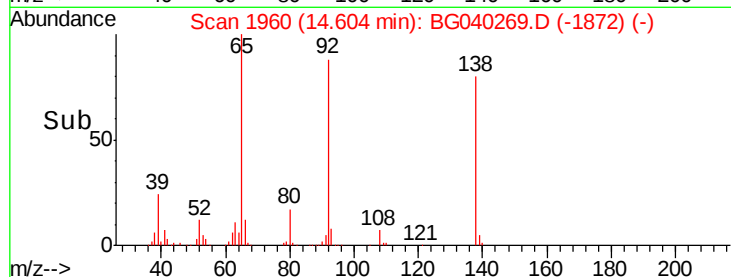
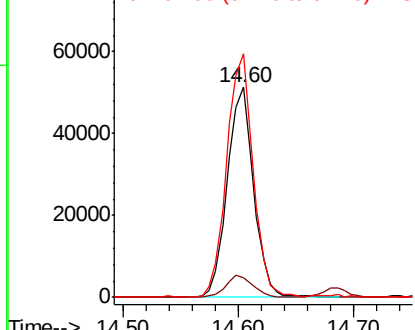
#53
3-Nitroaniline
Concen: 30.485 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:138 Resp: 81046
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.8
92 115.9 87.5 131.3

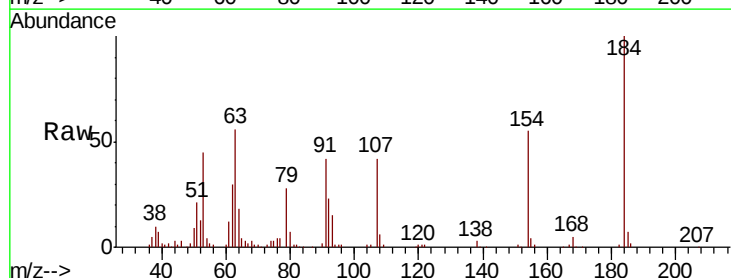


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

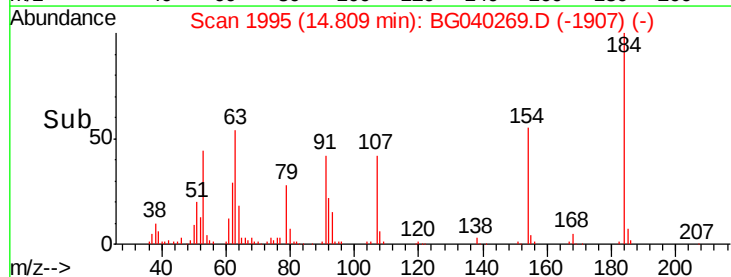
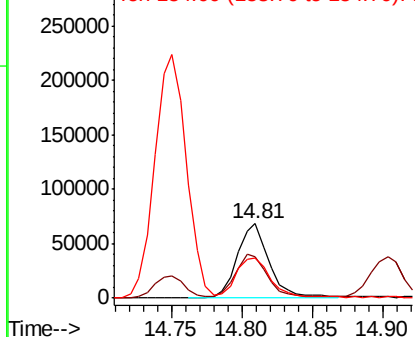


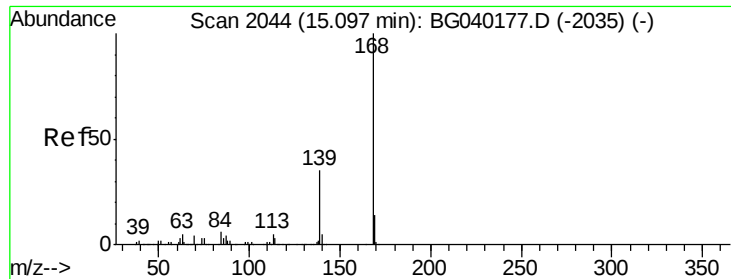
#54
2,4-Dinitrophenol
Concen: 81.283 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:184 Resp: 108570
Ion Ratio Lower Upper
184 100
63 55.6 51.8 77.8
154 54.9 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

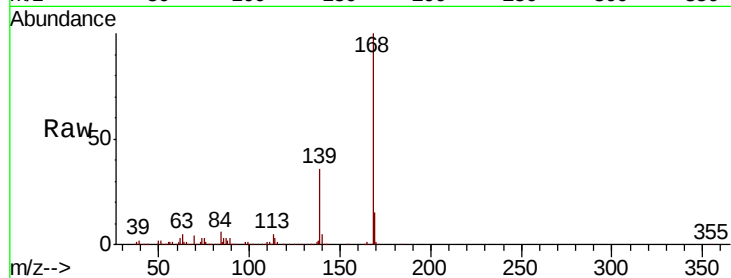




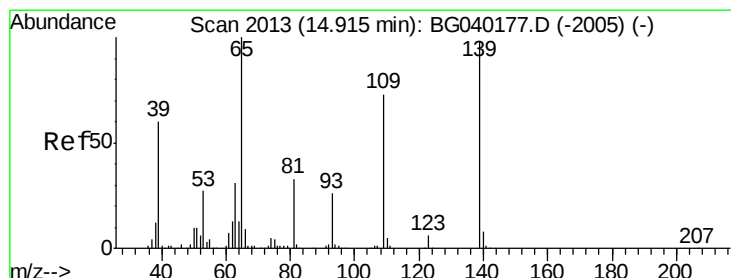
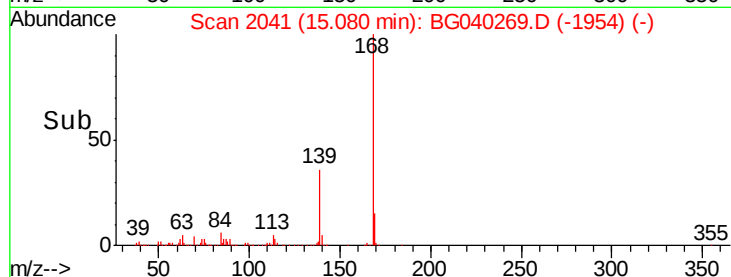
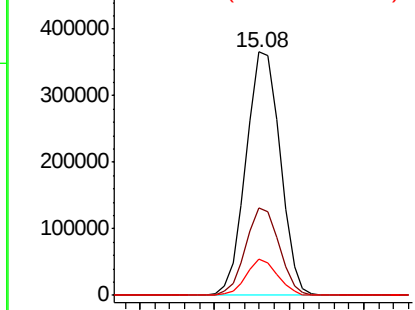
#55
Dibenzenofuran
Concen: 42.729 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:168 Resp: 577809
Ion Ratio Lower Upper
168 100
139 36.2 27.9 41.9
169 15.0 11.3 16.9

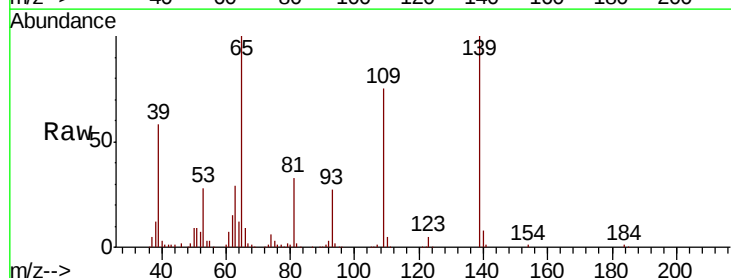


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

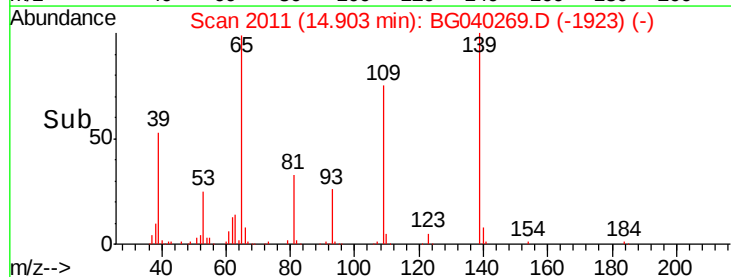
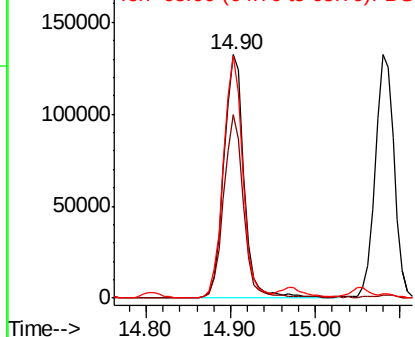


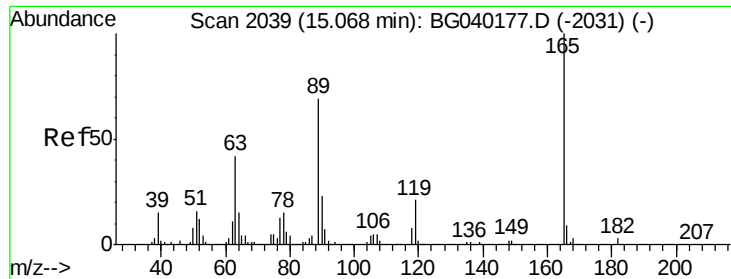
#56
4-Nitrophenol
Concen: 101.711 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:139 Resp: 218240
Ion Ratio Lower Upper
139 100
109 75.3 54.3 94.3
65 99.9 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): BGC

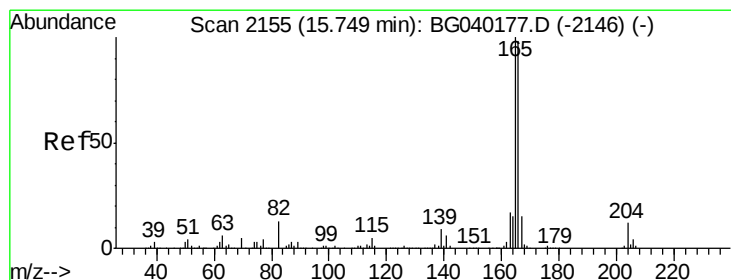
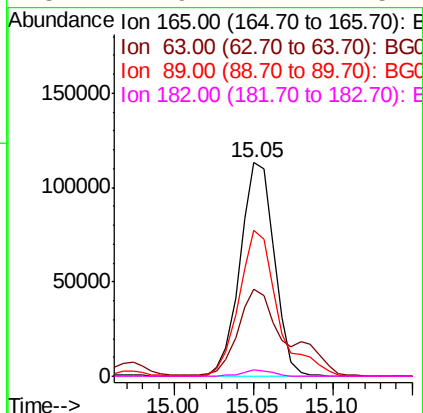
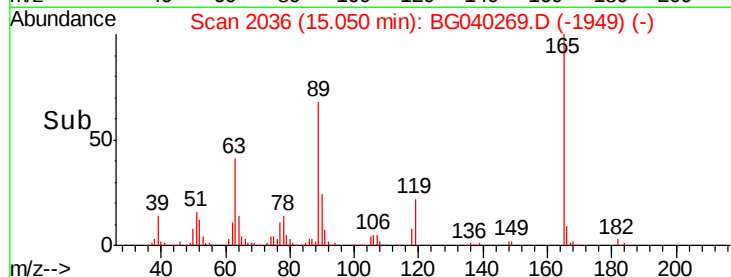
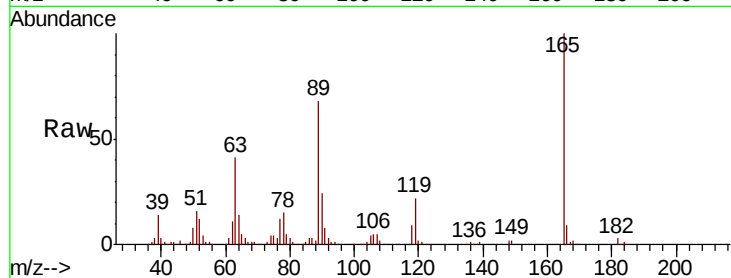




#57
2,4-Dinitrotoluene
Concen: 48.433 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

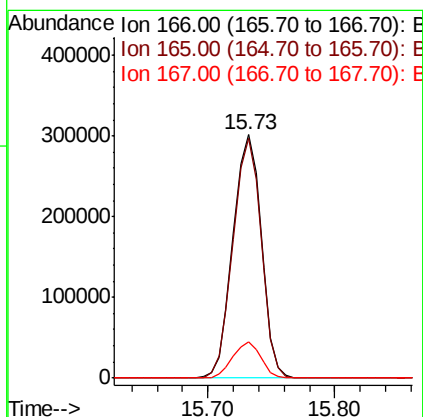
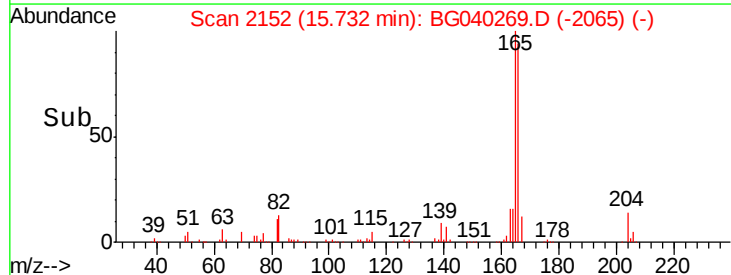
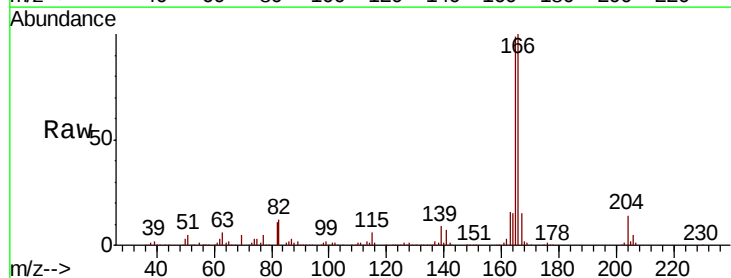
Instrument :
BNA_G
ClientSampleId :
PB118456BS

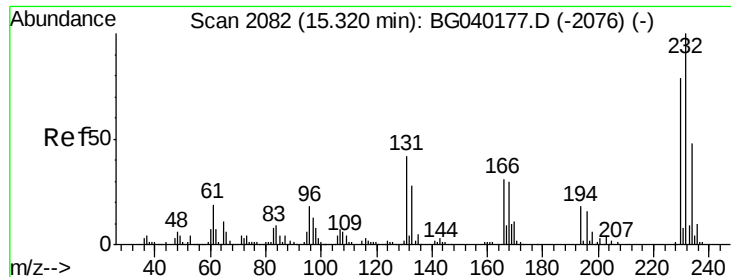
Tgt Ion:165 Resp: 169024
Ion Ratio Lower Upper
165 100
63 40.9 33.8 50.6
89 68.1 55.4 83.2
182 2.9 2.2 3.4



#58
Fluorene
Concen: 43.856 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:166 Resp: 466261
Ion Ratio Lower Upper
166 100
165 98.5 81.7 122.5
167 14.7 11.9 17.9

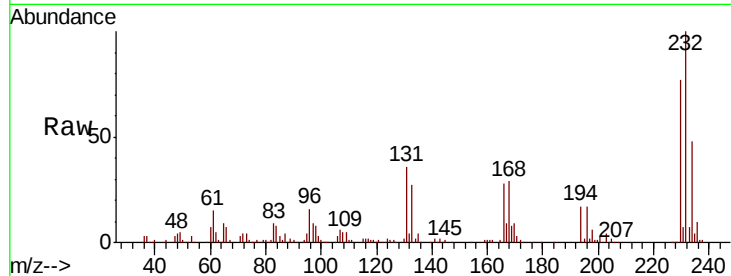




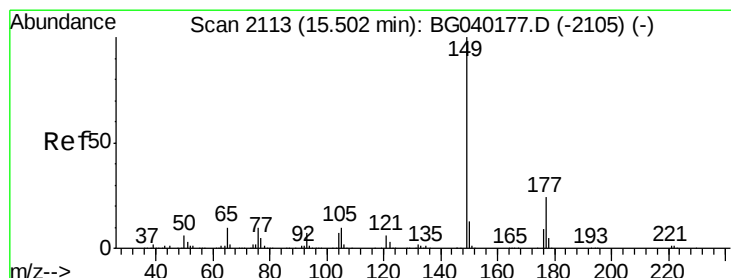
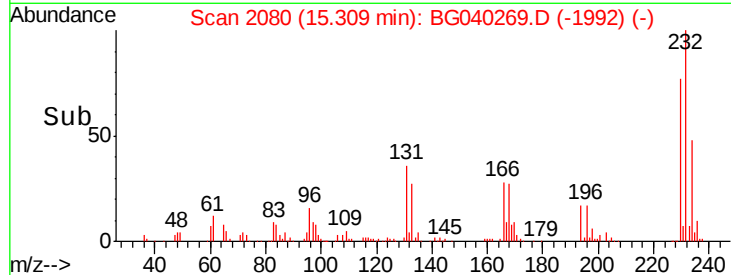
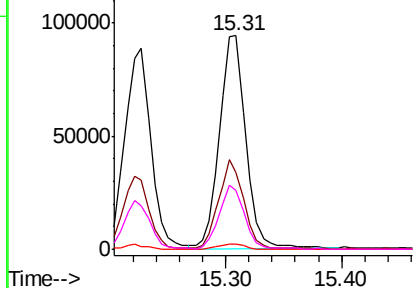
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.012 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion:	232	Resp:	147772
Ion	Ratio	Lower	Upper
232	100		
131	39.5	32.9	49.3
130	2.4	1.8	2.8
166	28.0	23.5	35.3

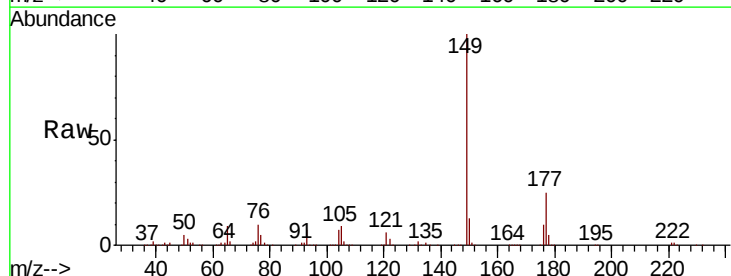


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

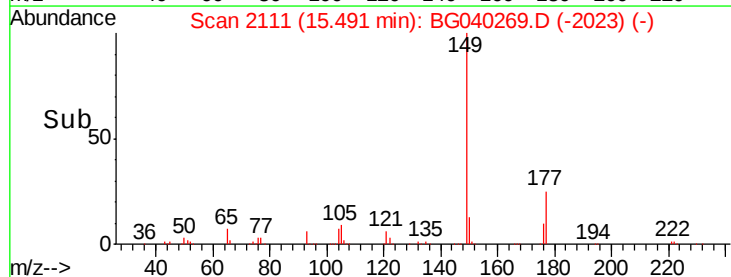
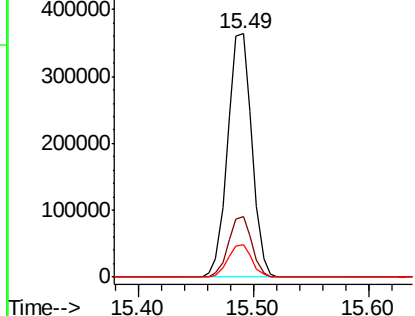


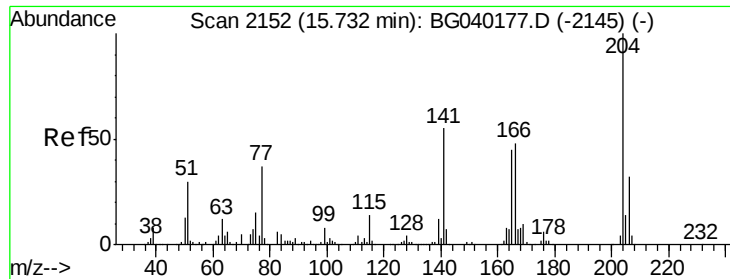
#60
 Diethylphthalate
 Concen: 45.852 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:	149	Resp:	524832
Ion	Ratio	Lower	Upper
149	100		
177	25.1	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

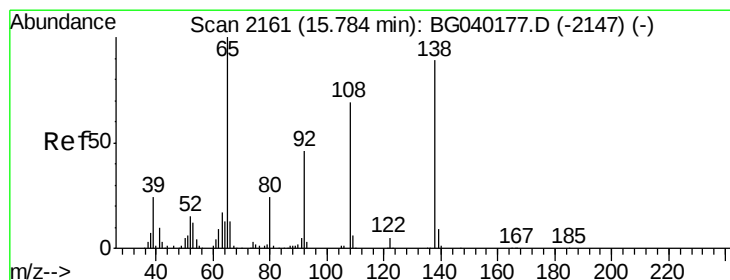
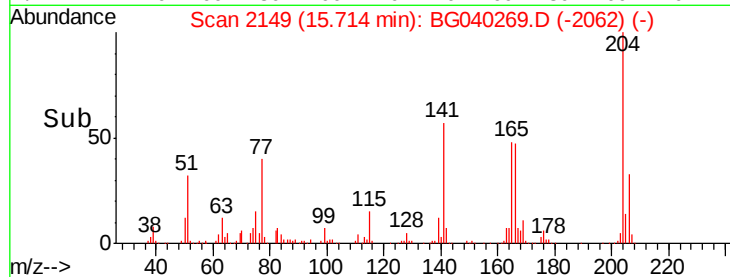
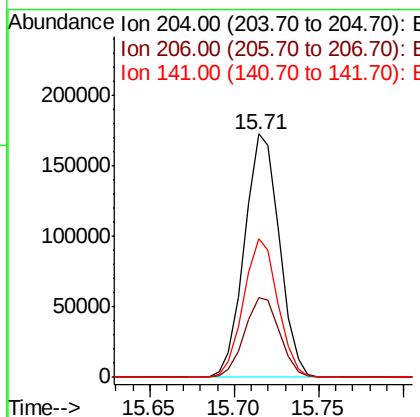
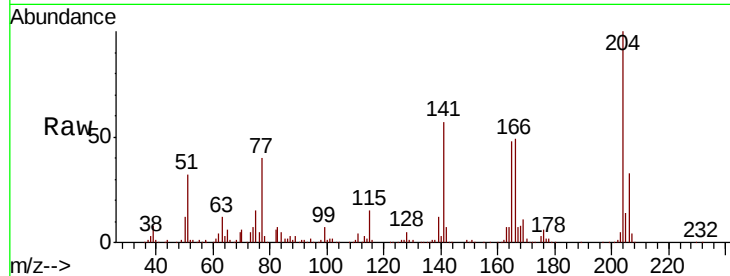




#61
 4-Chlorophenyl-phenylether
 Concen: 43.787 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

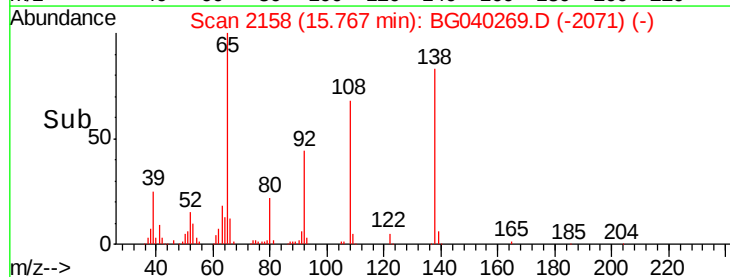
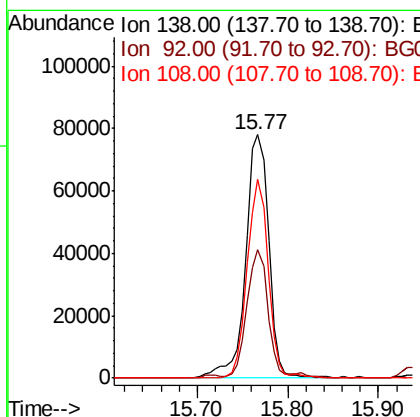
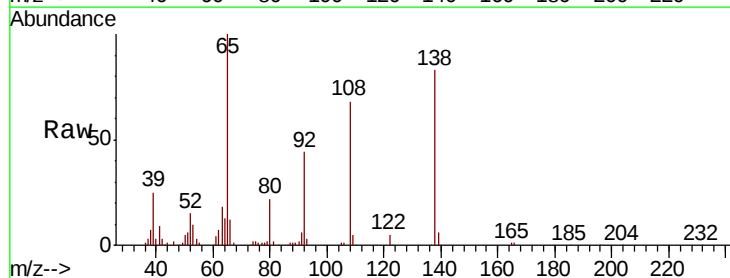
Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

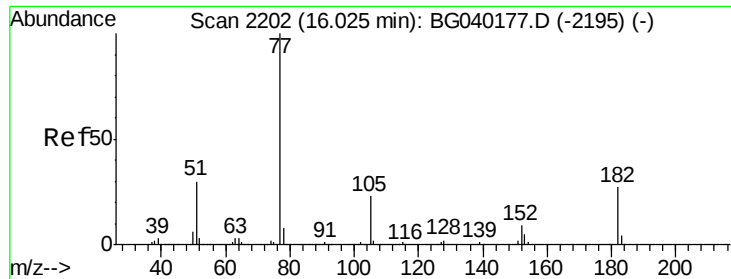
Tgt Ion: 204 Resp: 248842
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.7 38.5
 141 57.0 44.0 66.0



#62
 4-Nitroaniline
 Concen: 48.160 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion: 138 Resp: 137404
 Ion Ratio Lower Upper
 138 100
 92 52.5 31.8 71.8
 108 81.7 57.2 97.2

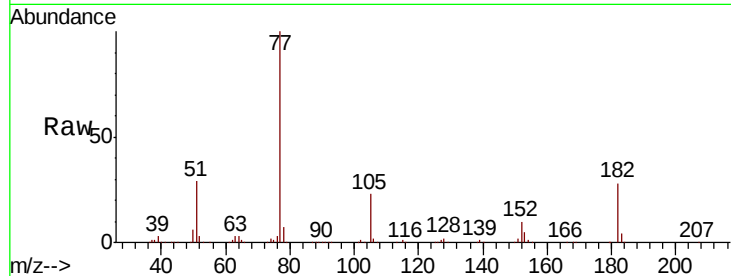




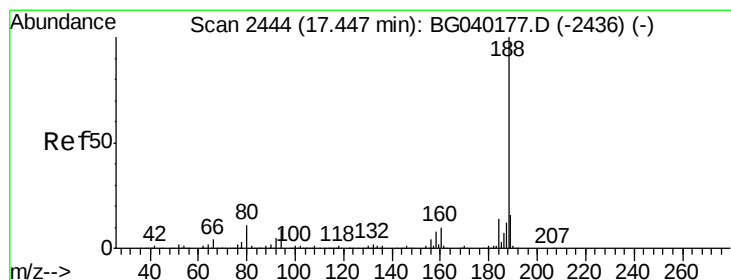
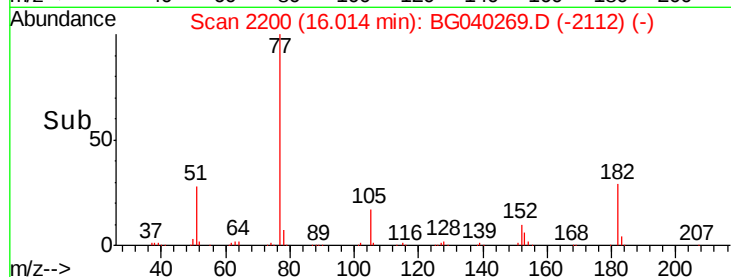
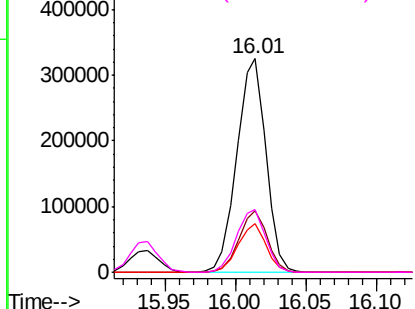
#63
Azobenzene
Concen: 43.155 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion: 77 Resp: 465934
Ion Ratio Lower Upper
77 100
182 28.5 7.2 47.2
105 22.7 2.8 42.8
51 29.4 10.4 50.4

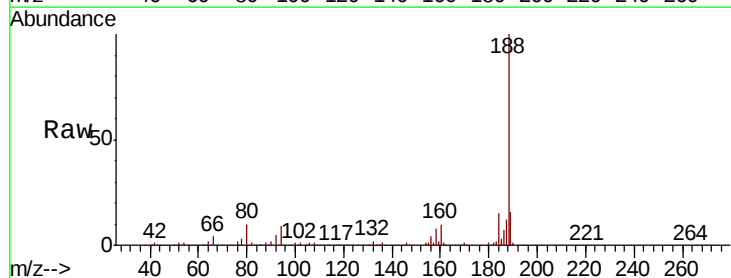


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

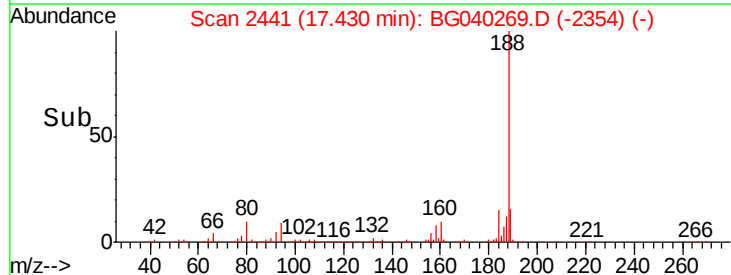
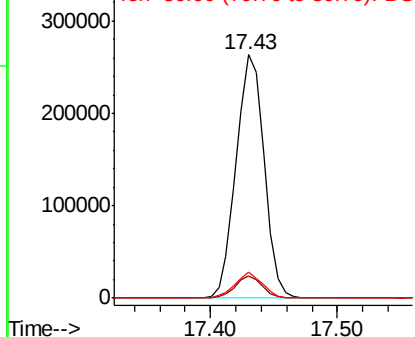


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion: 188 Resp: 402426
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.4 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

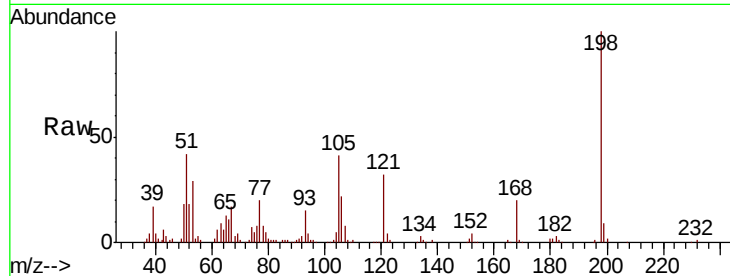




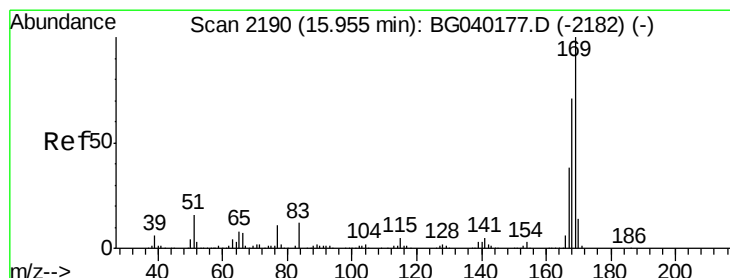
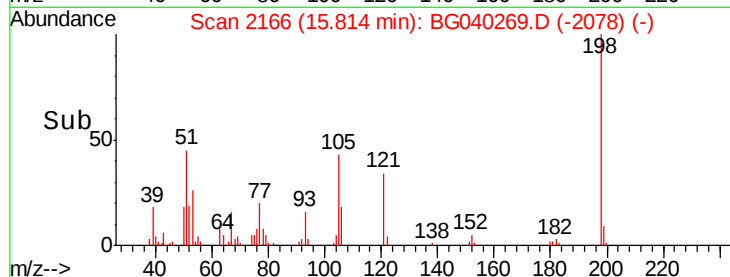
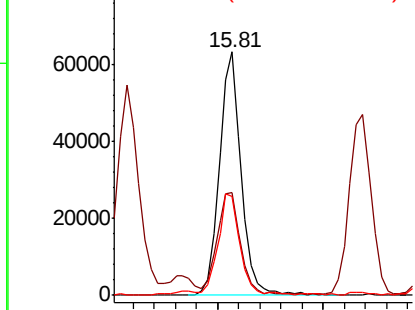
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.252 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118456BS

Tgt Ion:198 Resp: 91006
 Ion Ratio Lower Upper
 198 100
 51 42.5 27.3 67.3
 105 40.5 21.7 61.7

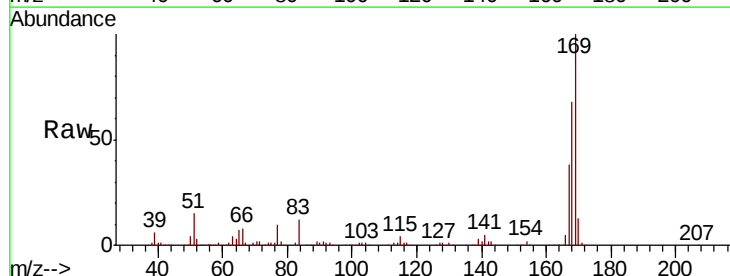


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

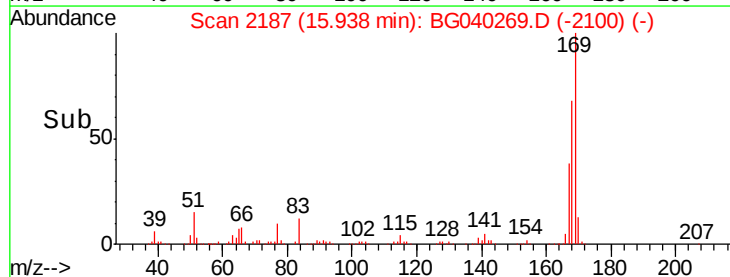
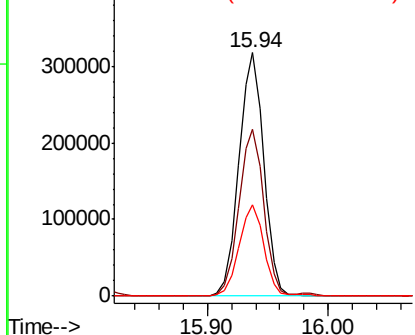


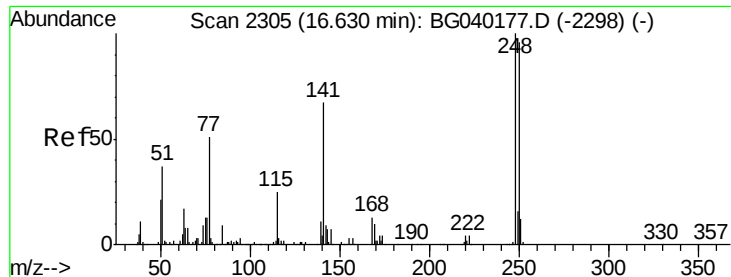
#66
 n-Nitrosodiphenylamine
 Concen: 38.713 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BG040269.D
 Acq: 1 Apr 2019 17:38

Tgt Ion:169 Resp: 455890
 Ion Ratio Lower Upper
 169 100
 168 68.4 56.8 85.2
 167 37.7 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

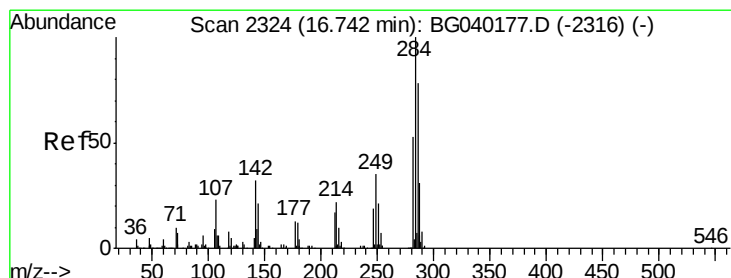
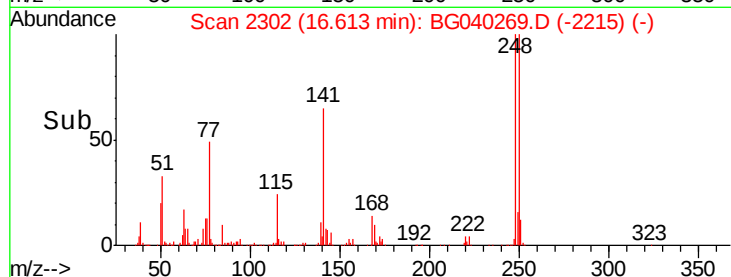
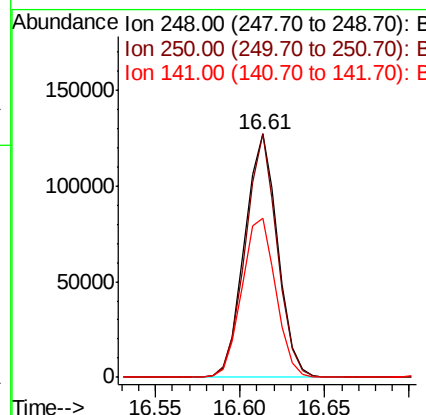
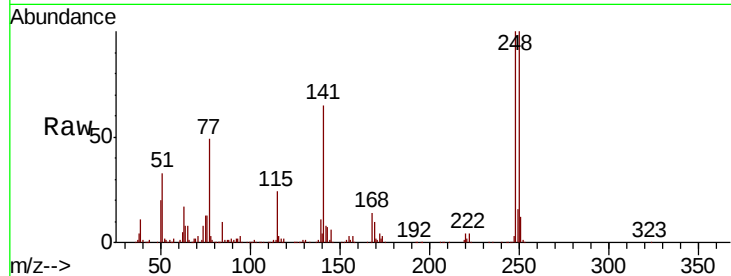




#67
4-Bromophenyl-phenylether
Concen: 38.295 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

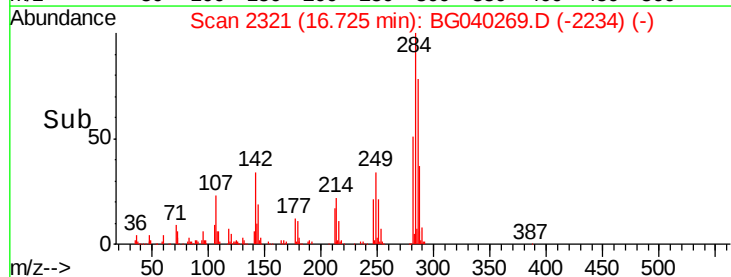
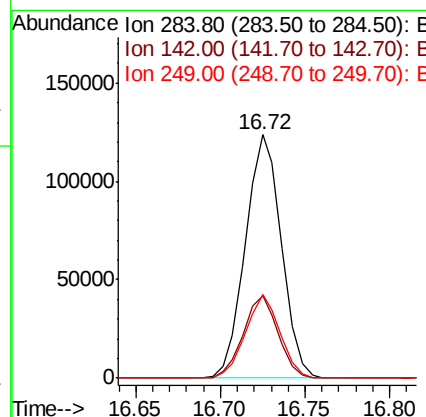
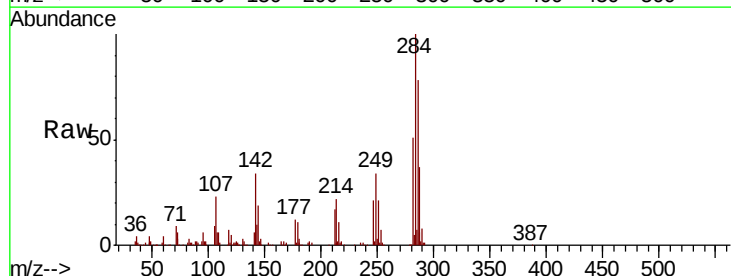
Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion: 248 Resp: 173427
Ion Ratio Lower Upper
248 100
250 100.0 76.4 114.6
141 65.2 53.8 80.8



#68
Hexachlorobenzene
Concen: 40.102 ng
RT: 16.72 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion: 284 Resp: 182600
Ion Ratio Lower Upper
284 100
142 33.9 25.3 37.9
249 34.4 28.2 42.2





#69

Atrazine

Concen: 37.773 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

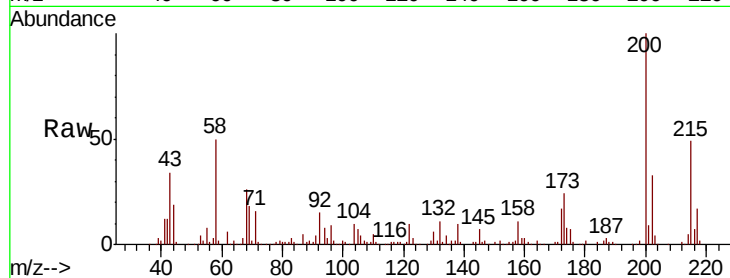
Tgt Ion:200 Resp: 165470

Ion Ratio Lower Upper

200 100

173 23.9 7.1 47.1

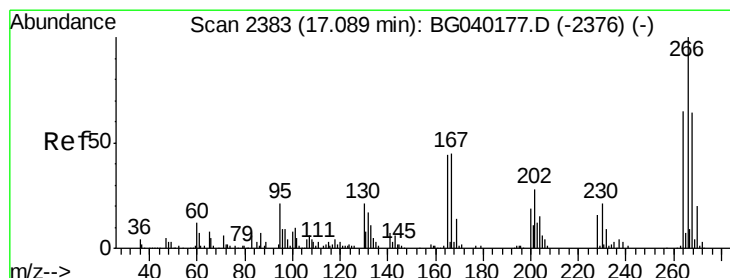
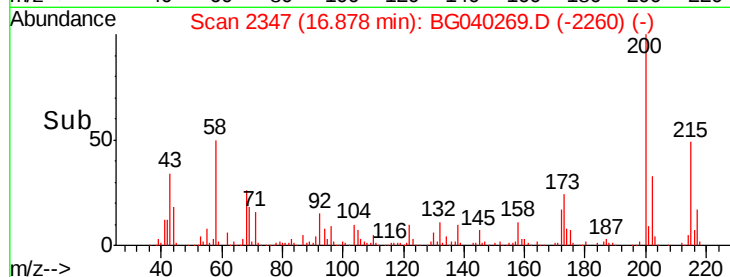
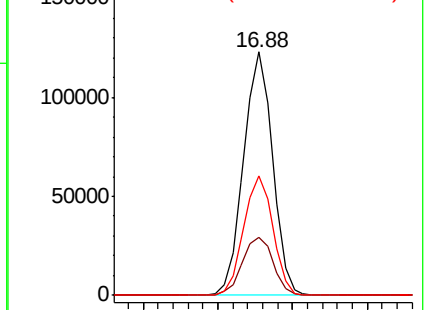
215 49.1 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.254 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

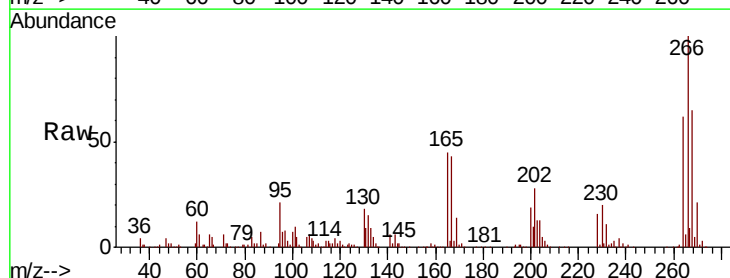
Tgt Ion:266 Resp: 203372

Ion Ratio Lower Upper

266 100

268 64.9 55.0 82.4

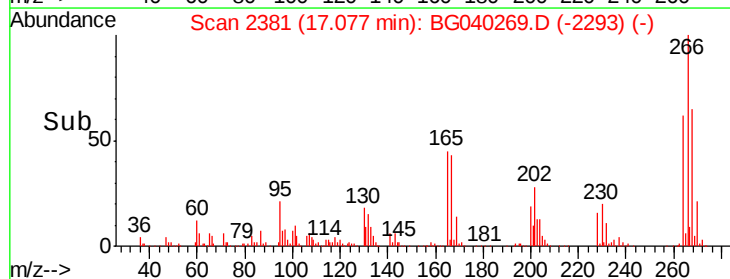
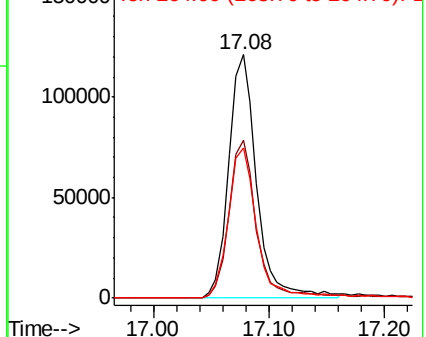
264 61.9 51.8 77.8

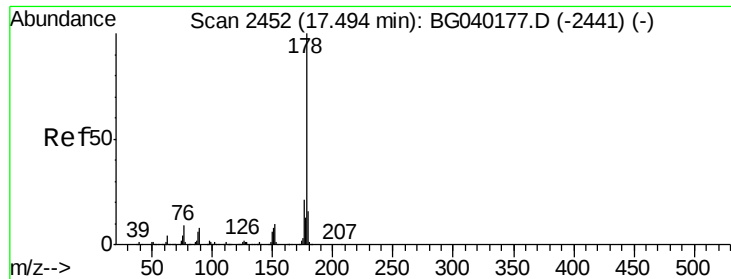


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.016 ng

RT: 17.48 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

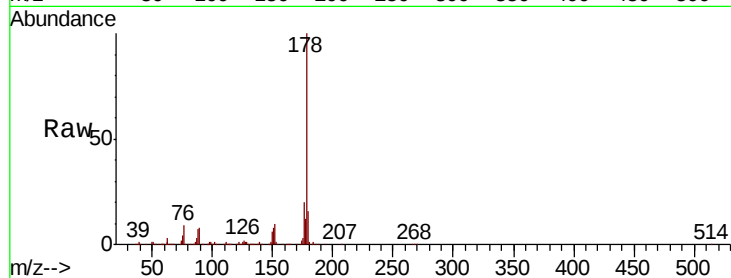
Tgt Ion:178 Resp: 867579

Ion Ratio Lower Upper

178 100

176 20.3 16.7 25.1

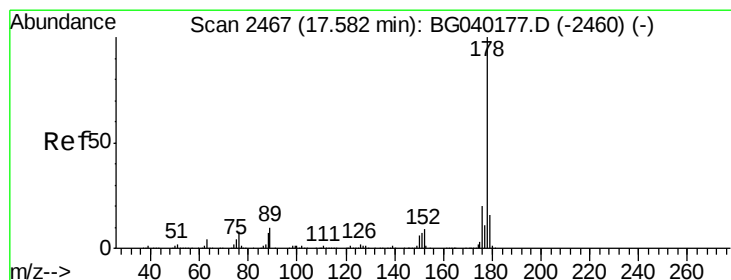
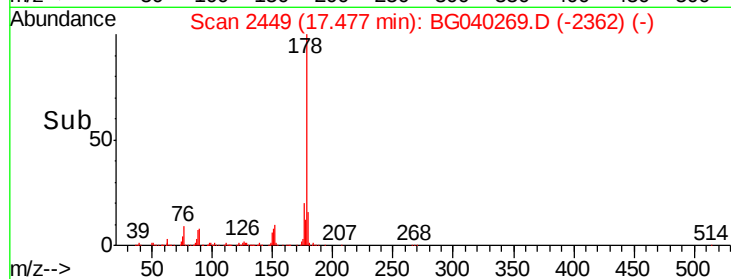
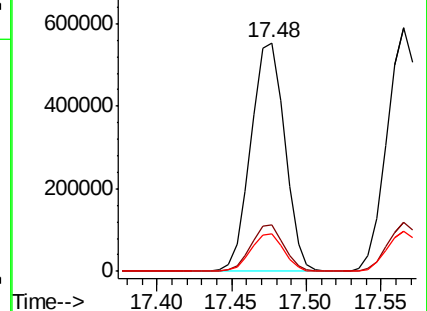
179 16.4 12.8 19.2



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: 42.118 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

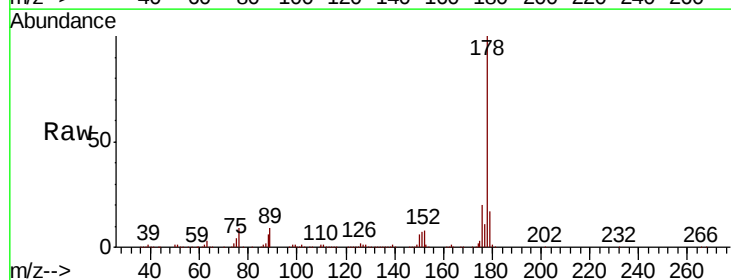
Tgt Ion:178 Resp: 891709

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

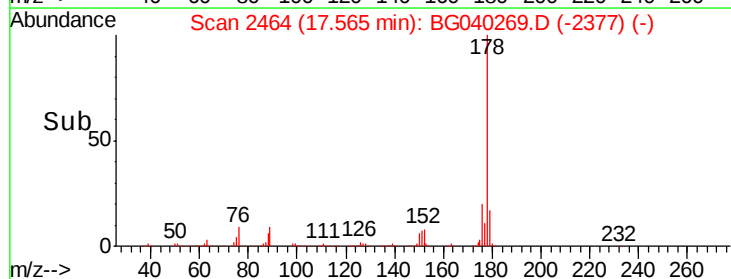
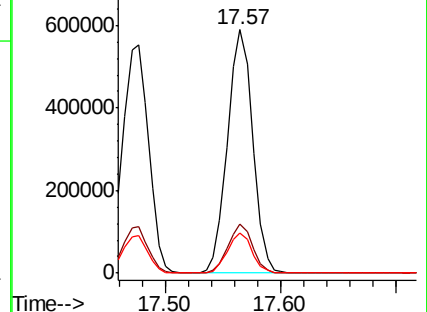
179 16.6 12.9 19.3

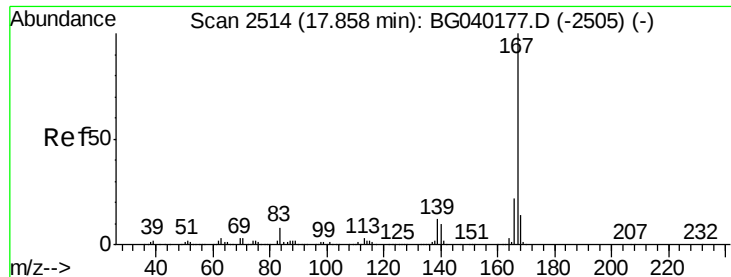


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.619 ng

RT: 17.84 min Scan# 2511

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

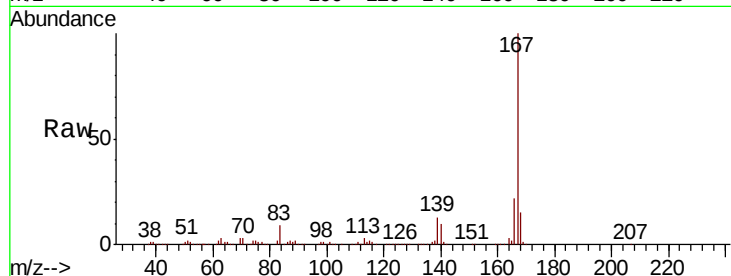
Tgt Ion:167 Resp: 833904

Ion Ratio Lower Upper

167 100

166 22.4 17.5 26.3

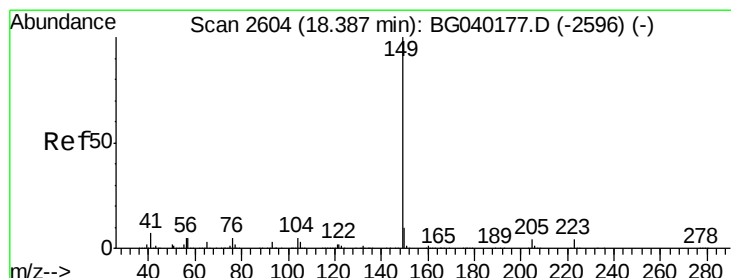
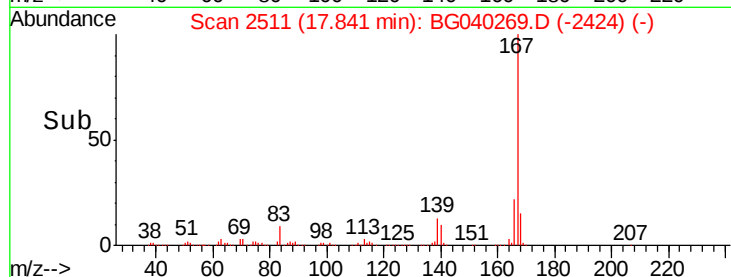
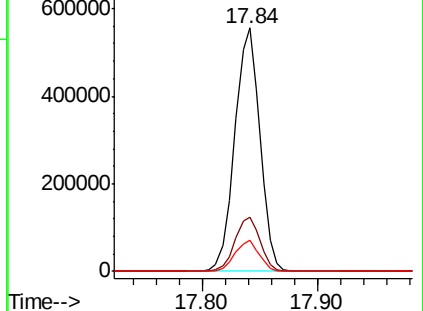
139 12.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.570 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

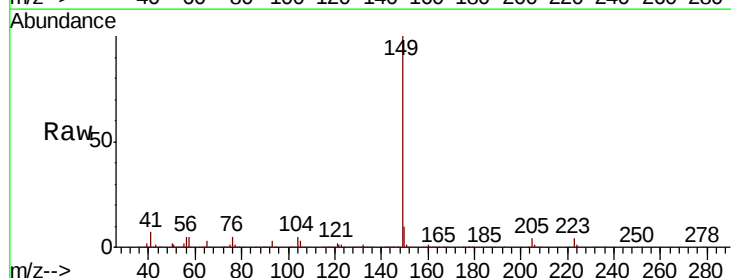
Tgt Ion:149 Resp: 987315

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

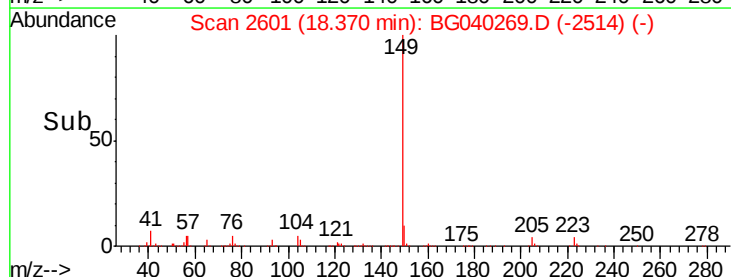
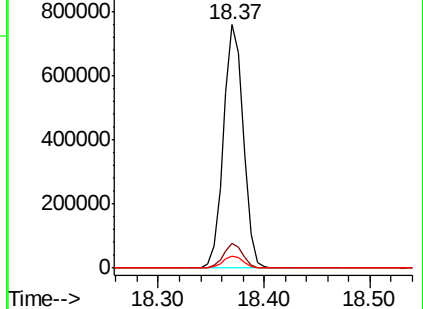
104 5.2 4.1 6.1

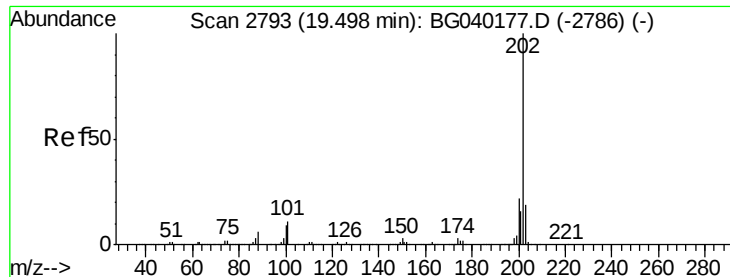


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.962 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

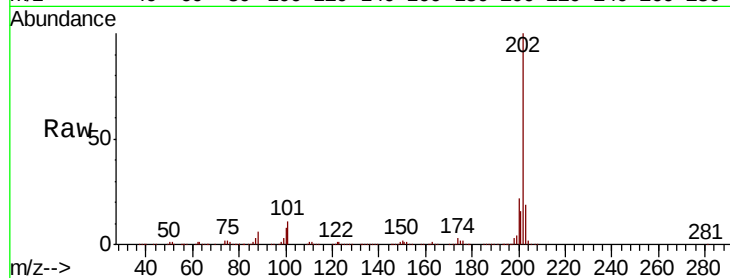
Tgt Ion:202 Resp: 1051028

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.8

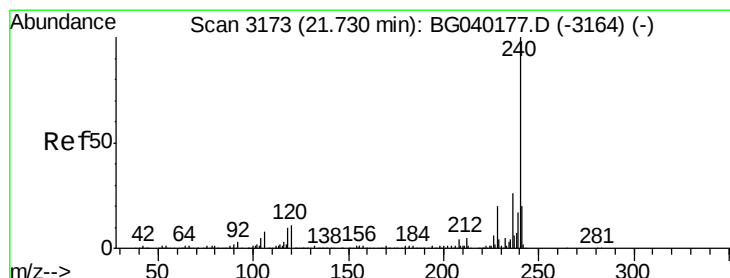
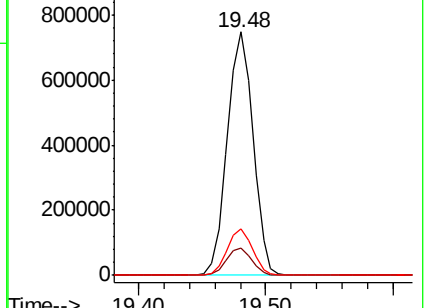
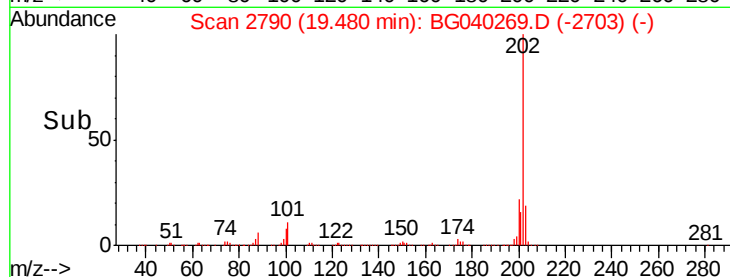
203 19.0 0.0 38.9



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: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

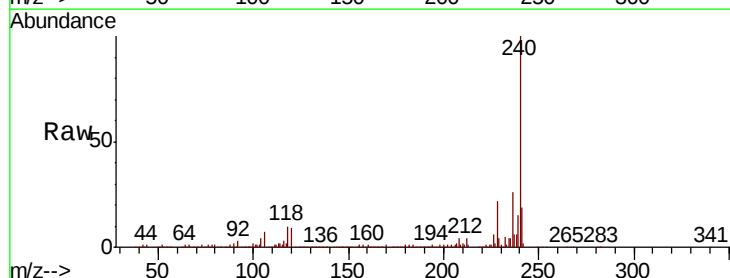
Tgt Ion:240 Resp: 405217

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

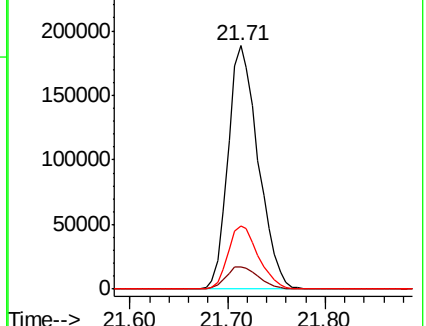
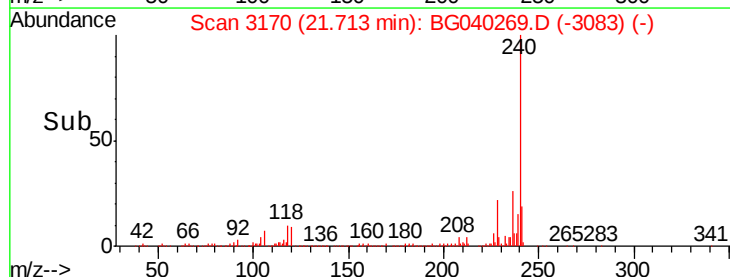
236 26.1 20.8 31.2

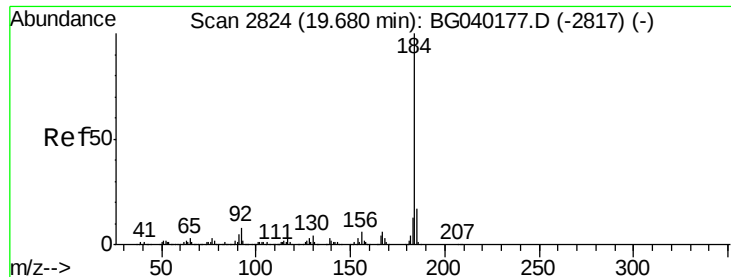


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.949 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

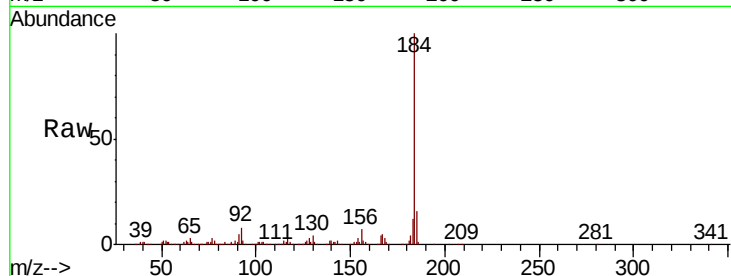
Tgt Ion:184 Resp: 467505

Ion Ratio Lower Upper

184 100

185 15.6 13.3 19.9

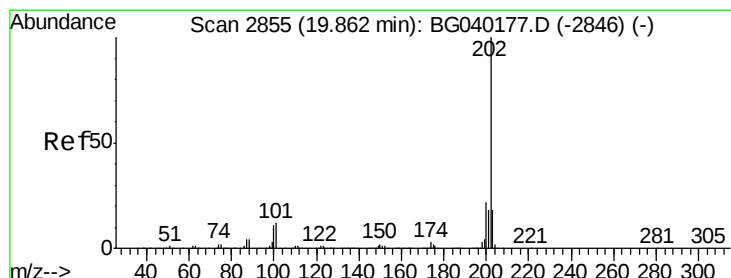
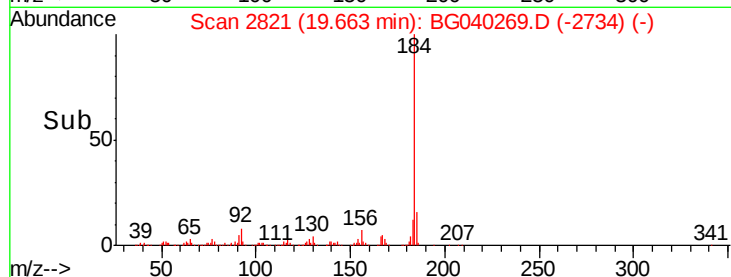
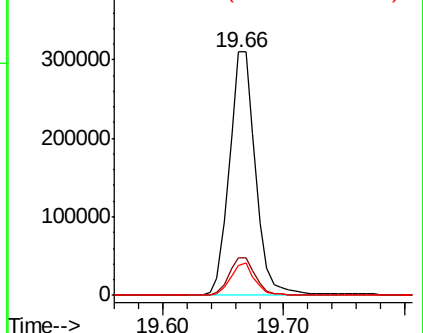
183 12.2 10.3 15.5



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: 39.919 ng

RT: 19.84 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

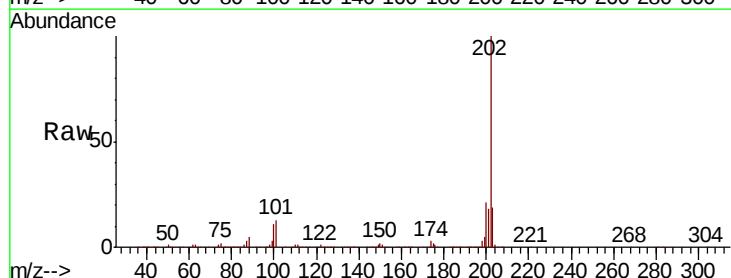
Tgt Ion:202 Resp: 1063739

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

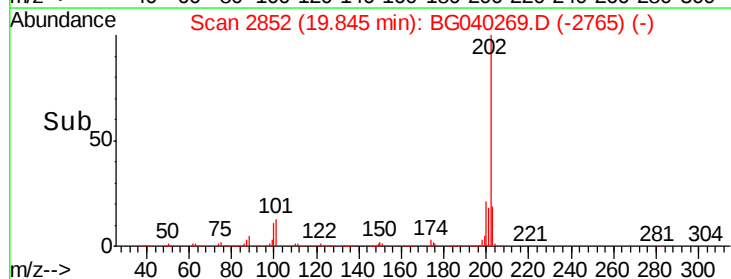
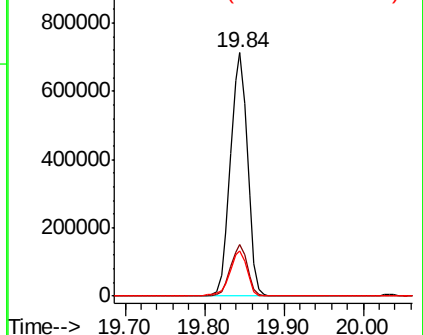
203 18.7 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.065 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampled :

PB118456BS

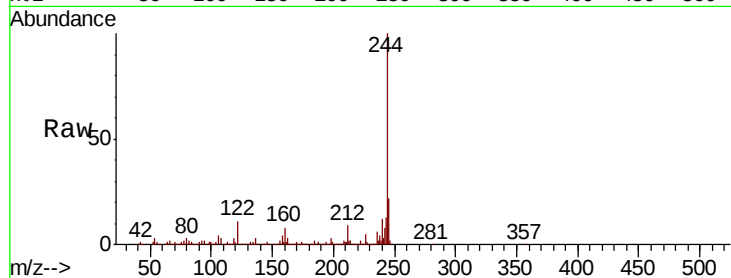
Tgt Ion:244 Resp: 1496202

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

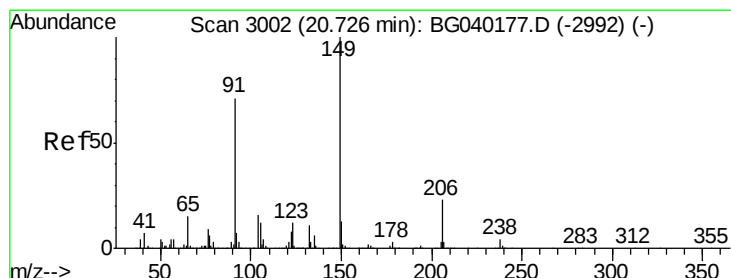
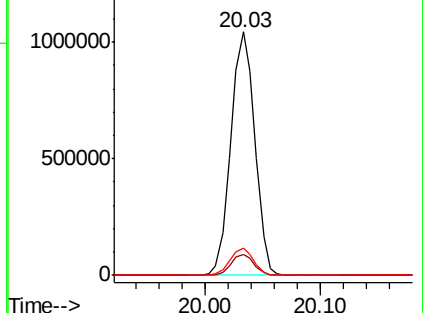
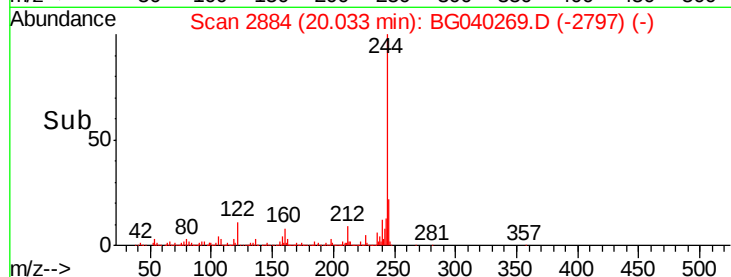
122 11.1 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.145 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

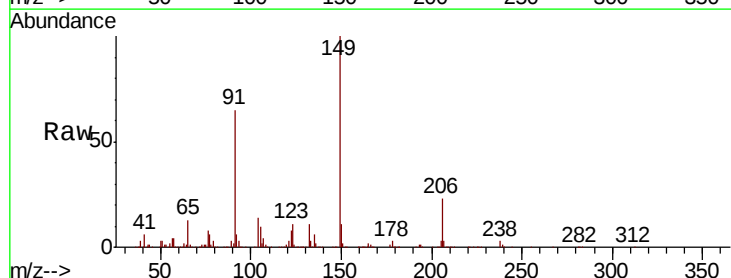
Tgt Ion:149 Resp: 457772

Ion Ratio Lower Upper

149 100

91 65.1 57.0 85.4

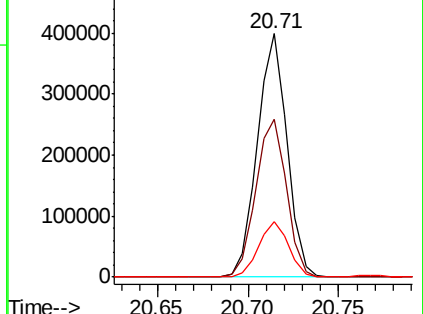
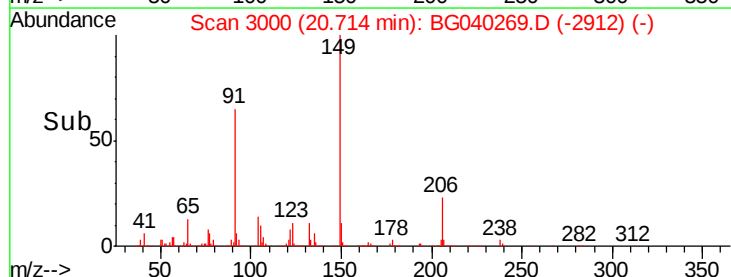
206 22.9 18.2 27.4

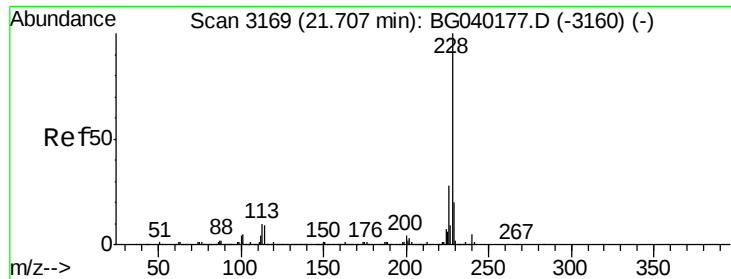


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

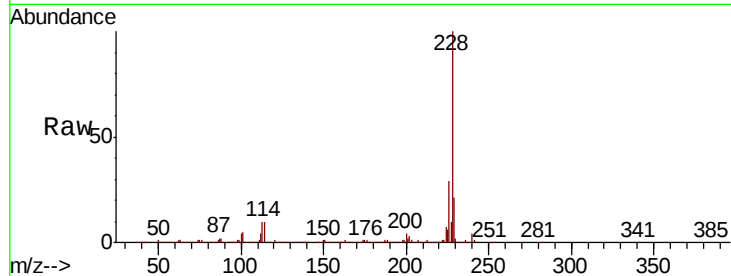




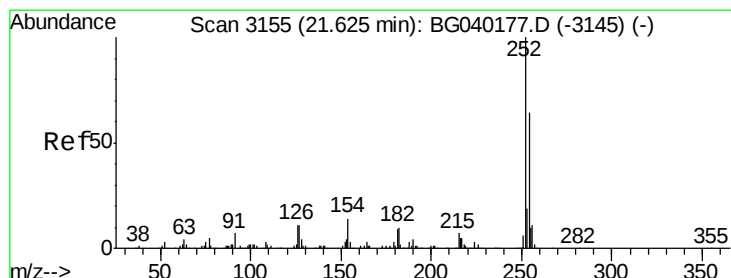
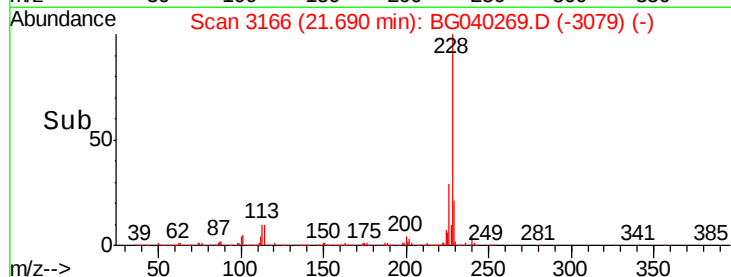
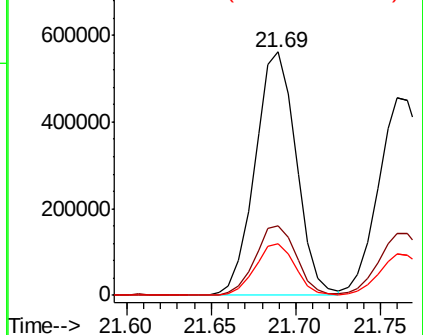
#81
Benzo(a)anthracene
Concen: 38.157 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Instrument :
BNA_G
ClientSampleId :
PB118456BS

Tgt Ion:228 Resp: 952356
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 21.1 16.1 24.1

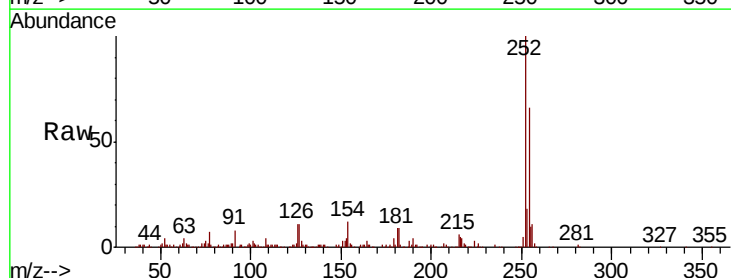


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

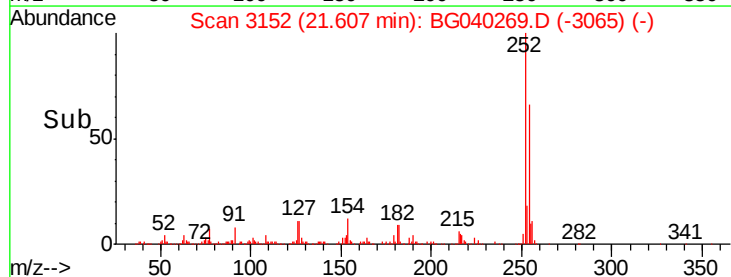
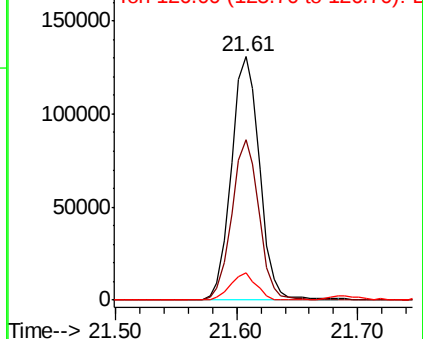


#82
3,3'-Dichlorobenzidine
Concen: 22.443 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG040269.D
Acq: 1 Apr 2019 17:38

Tgt Ion:252 Resp: 213083
Ion Ratio Lower Upper
252 100
254 66.0 51.4 77.2
126 11.0 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.358 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

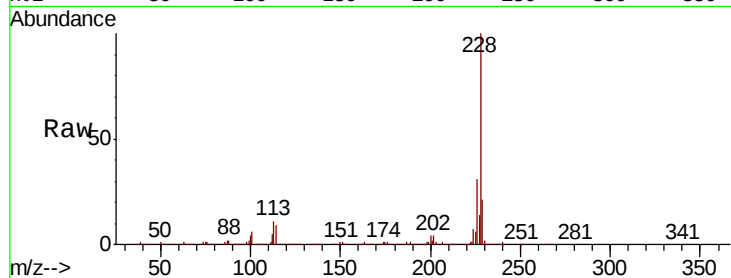
Tgt Ion:228 Resp: 968084

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

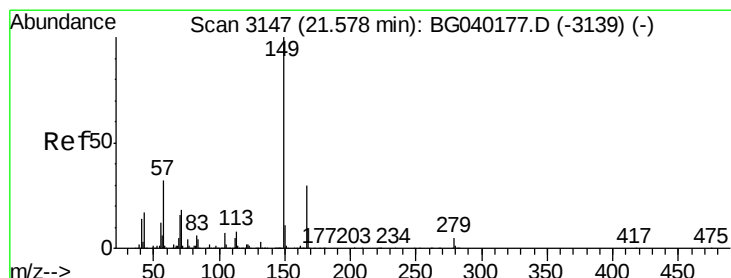
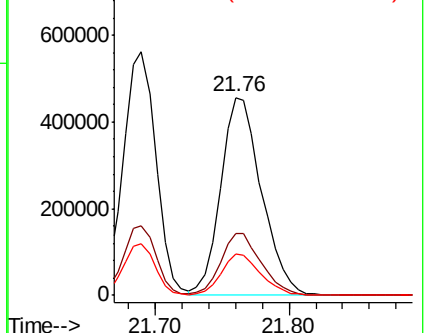
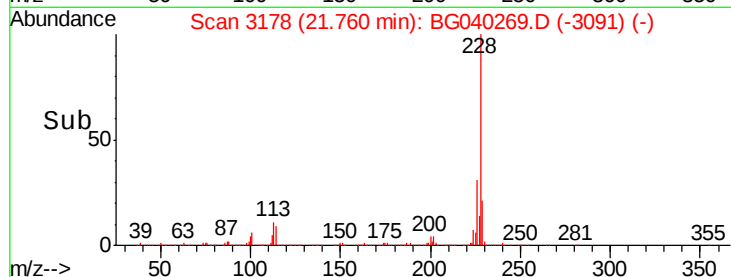
229 20.7 17.0 25.4



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: 39.285 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

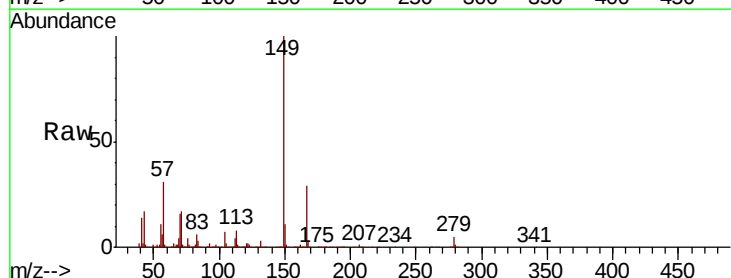
Tgt Ion:149 Resp: 640343

Ion Ratio Lower Upper

149 100

167 29.4 24.1 36.1

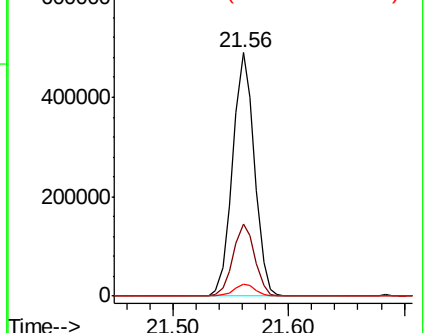
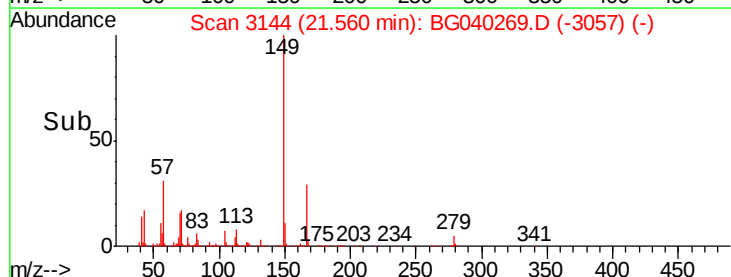
279 4.7 4.1 6.1

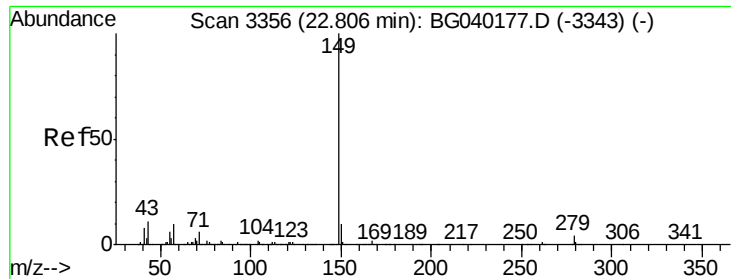


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.194 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

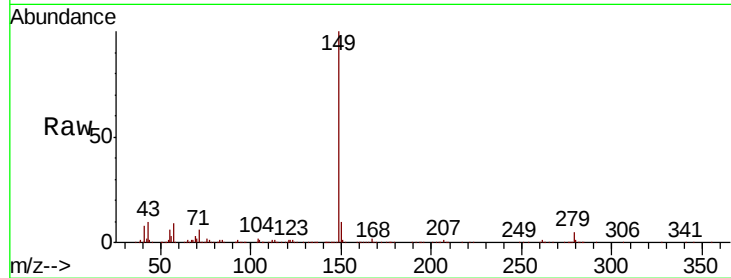
Tgt Ion:149 Resp: 1088463

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

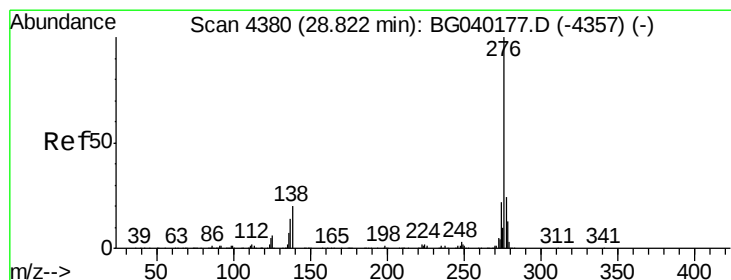
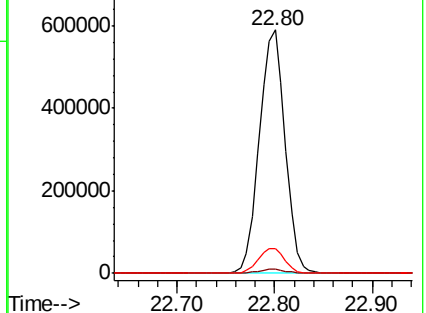
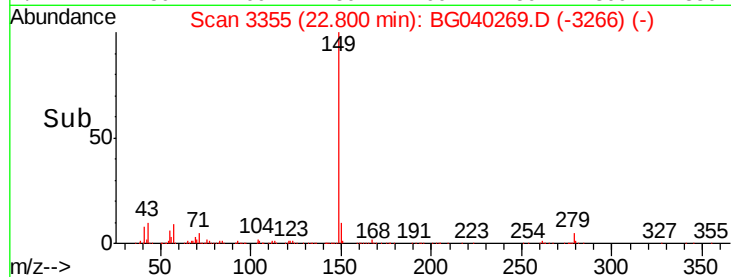
43 10.6 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.663 ng

RT: 28.82 min Scan# 4380

Delta R.T. 0.00 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

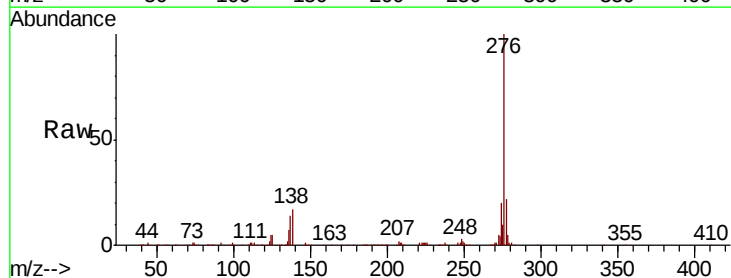
Tgt Ion:276 Resp: 1192958

Ion Ratio Lower Upper

276 100

138 11.7 18.8 28.2#

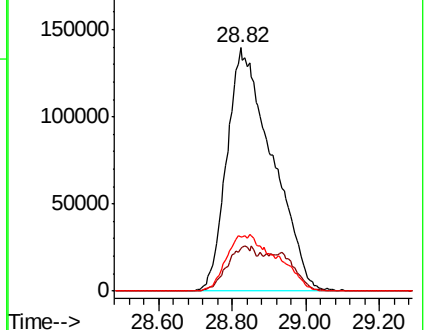
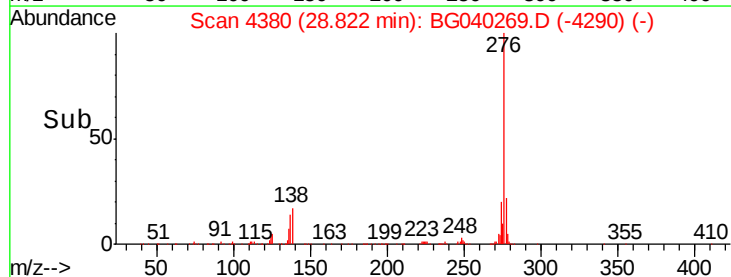
277 8.9 21.0 31.4#

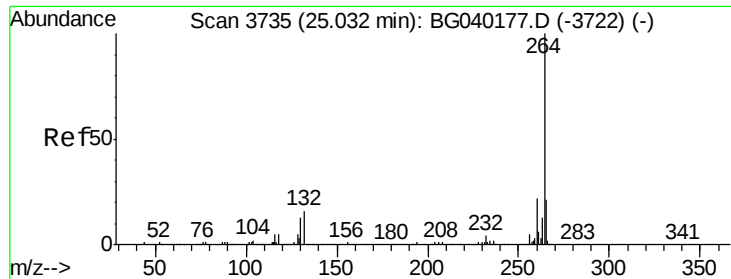


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.04 min Scan# 3737

Delta R.T. 0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

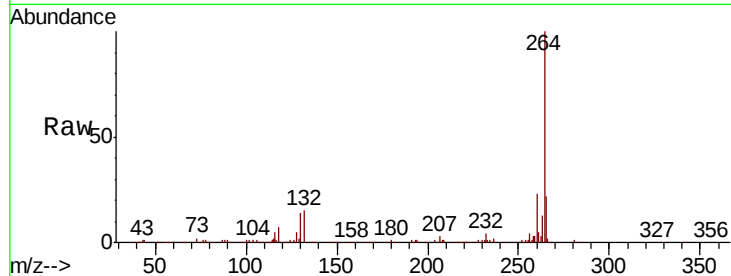
Tgt Ion:264 Resp: 406469

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.8 16.8 25.2

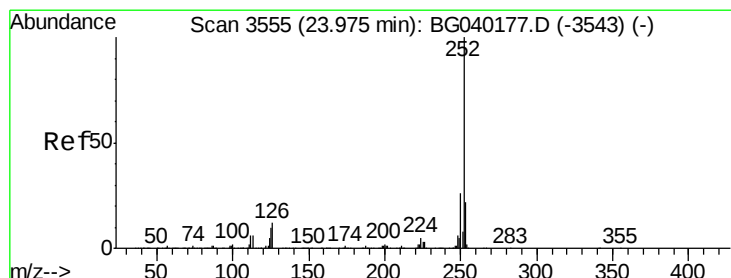
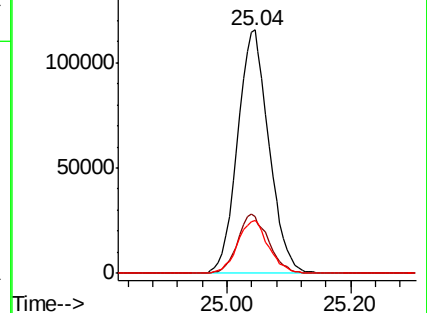
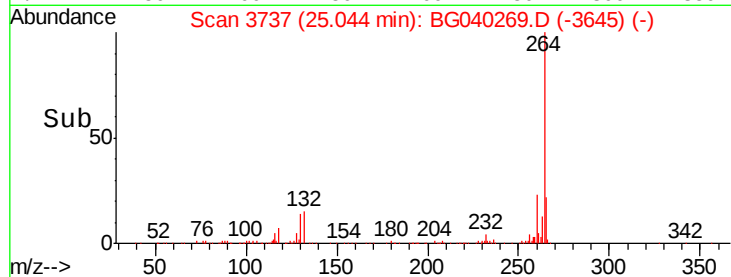


Abundance

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: 42.255 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

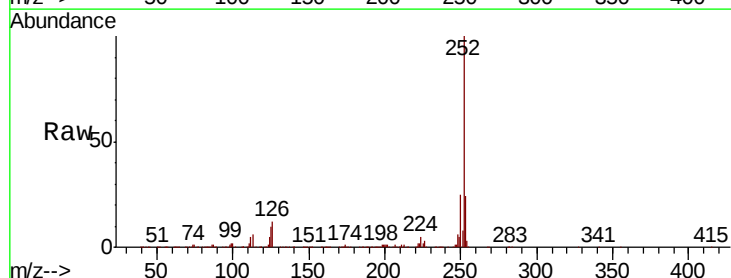
Tgt Ion:252 Resp: 1051530

Ion Ratio Lower Upper

252 100

253 23.6 17.6 26.4

125 9.6 8.2 12.4

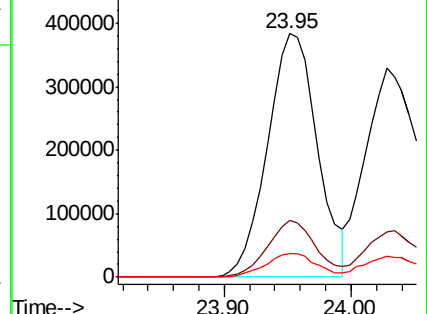
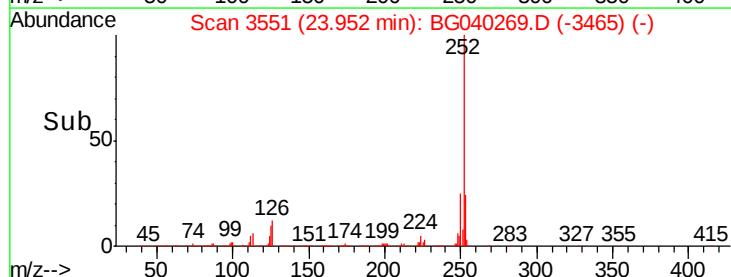


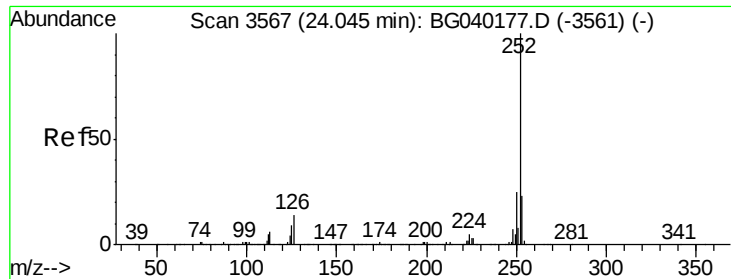
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.706 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.02 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

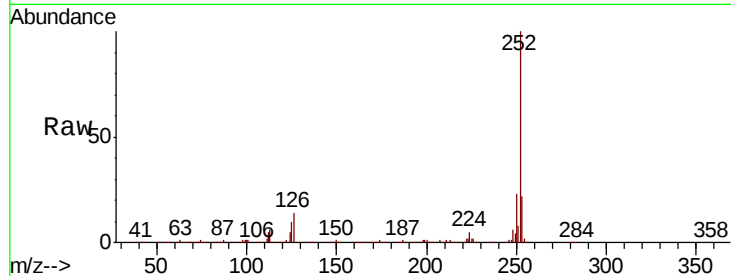
Tgt Ion:252 Resp: 1000218

Ion Ratio Lower Upper

252 100

253 21.8 18.6 28.0

125 9.9 7.3 10.9

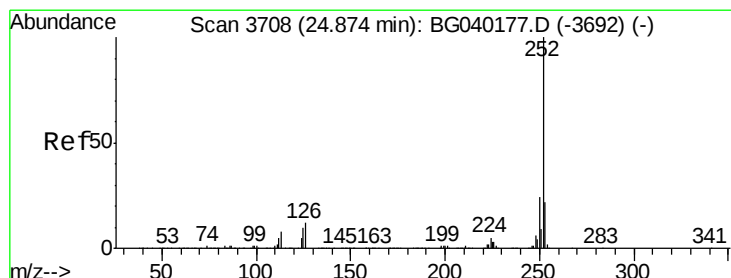
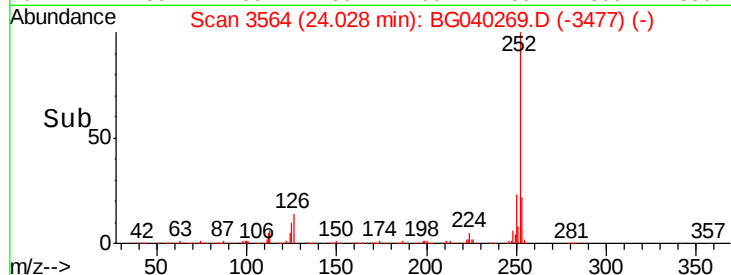
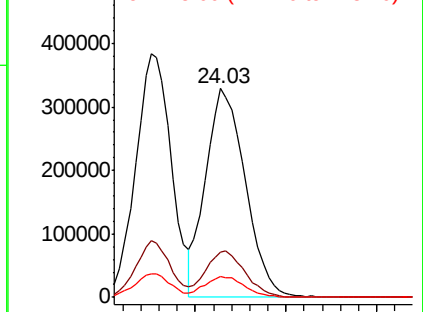


Abundance

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: 43.399 ng

RT: 24.88 min Scan# 3709

Delta R.T. 0.01 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

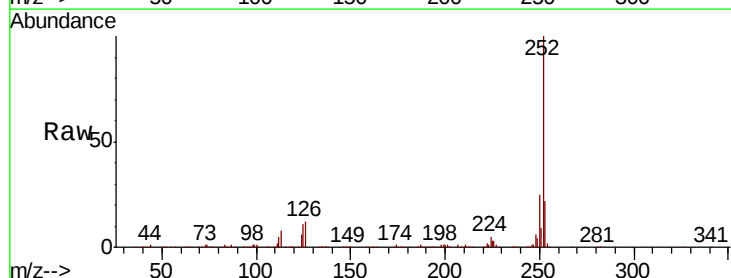
Tgt Ion:252 Resp: 1013324

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 10.5 8.3 12.5

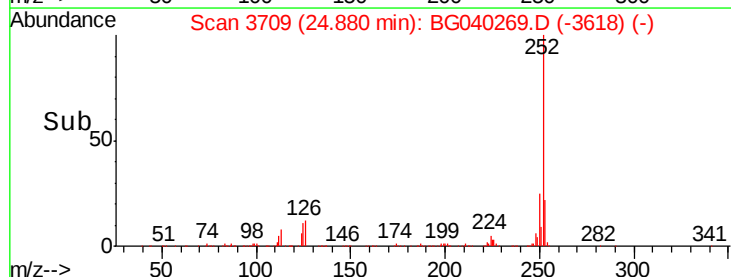
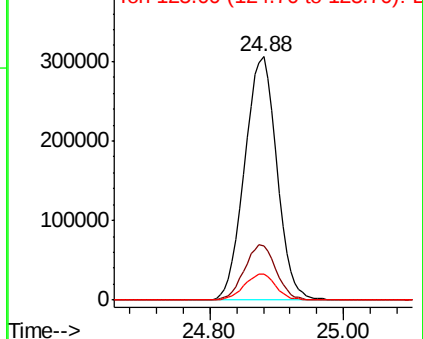


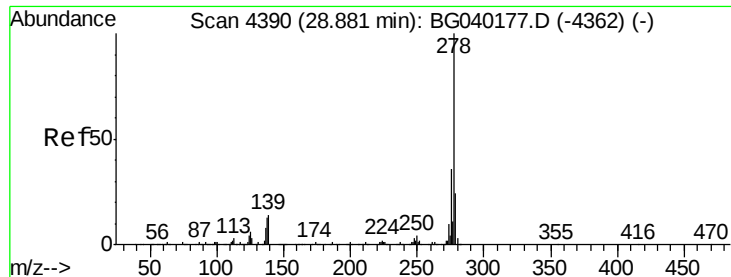
Abundance

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: 44.611 ng

RT: 28.94 min Scan# 4400

Delta R.T. 0.06 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

Instrument :

BNA_G

ClientSampleId :

PB118456BS

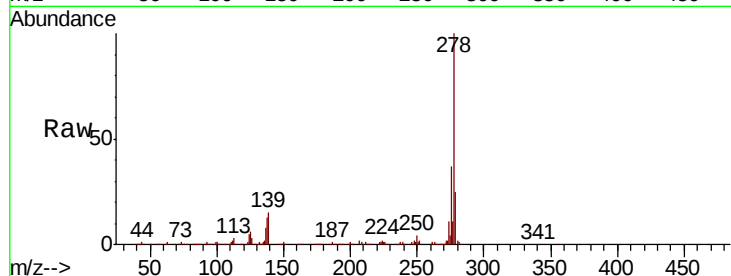
Tgt Ion: 278 Resp: 967412

Ion Ratio Lower Upper

278 100

139 14.8 11.2 16.8

279 25.0 18.9 28.3

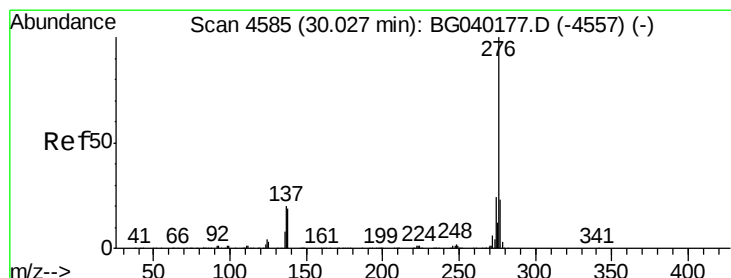
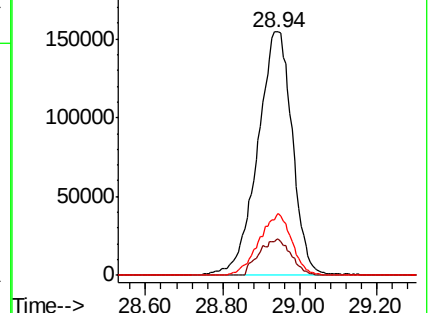
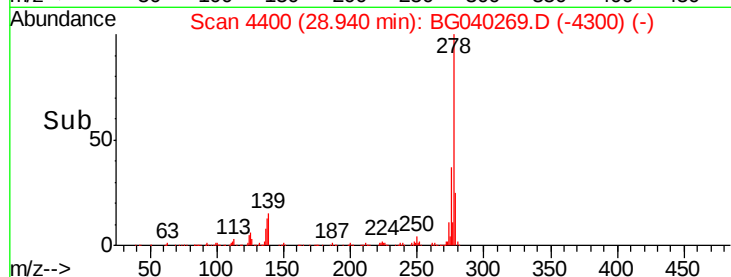


Abundance

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: 44.375 ng

RT: 30.14 min Scan# 4605

Delta R.T. 0.12 min

Lab File: BG040269.D

Acq: 1 Apr 2019 17:38

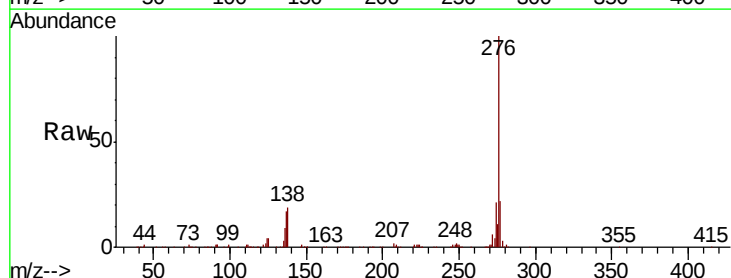
Tgt Ion: 276 Resp: 988956

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 18.6 15.2 22.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

