

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038609.D
 Acq On : 15 Dec 2018 18:08
 Operator : JU/SJ
 Sample : PB115540BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Quant Time: Dec 16 02:23:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22452	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	91332	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58692	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	147735	20.00	ng	0.00
76) Chrysene-d12	21.72	240	157371	20.00	ng	0.00
87) Perylene-d12	25.02	264	170623	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	108119	85.41	ng	0.00
7) Phenol-d6	7.21	99	147236	84.73	ng	0.00
23) Nitrobenzene-d5	9.24	82	132130	73.91	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	64316	79.51	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	321844	75.23	ng	0.00
79) Terphenyl-d14	20.04	244	589063	81.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	17450	29.619	ng	# 87
3) Pyridine	3.89	79	47767	29.448	ng	88
4) n-Nitrosodimethylamine	3.82	42	33304	41.904	ng	# 90
6) Aniline	7.38	93	39882	17.978	ng	97
8) 2-Chlorophenol	7.62	128	58133	39.684	ng	98
9) Benzaldehyde	7.20	77	22800	20.225	ng	99
10) Phenol	7.24	94	75317	40.795	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	50183	34.141	ng	96
12) 1,3-Dichlorobenzene	7.95	146	60900	35.160	ng	94
13) 1,4-Dichlorobenzene	8.09	146	60797	34.273	ng	98
14) 1,2-Dichlorobenzene	8.41	146	58539	35.004	ng	97
15) Benzyl Alcohol	8.30	79	52206	38.488	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	117646	34.939	ng	98
17) 2-Methylphenol	8.50	107	50934	41.177	ng	97
18) Hexachloroethane	9.14	117	22108	34.106	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	42143	34.529	ng	# 96
20) 3+4-Methylphenols	8.83	107	67464	39.492	ng	95
22) Acetophenone	8.89	105	84367	36.982	ng	# 98
24) Nitrobenzene	9.28	77	67685	37.425	ng	97
25) Isophorone	9.79	82	117734	36.653	ng	# 97
26) 2-Nitrophenol	9.99	139	32729	35.358	ng	91
27) 2,4-Dimethylphenol	10.03	122	57515	43.355	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	68561	37.823	ng	97
29) 2,4-Dichlorophenol	10.52	162	59449	40.281	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	62453	35.033	ng	97
31) Naphthalene	10.93	128	172489	38.331	ng	99
32) Benzoic acid	10.18	122	15984	25.116	ng	88
33) 4-Chloroaniline	11.05	127	18587	9.514	ng	# 94
34) Hexachlorobutadiene	11.19	225	42200	34.985	ng	96
35) Caprolactam	11.82	113	19748	32.333	ng	100
36) 4-Chloro-3-methylphenol	12.15	107	62655	37.202	ng	98
37) 2-Methylnaphthalene	12.53	142	127578	39.739	ng	98
38) 1-Methylnaphthalene	12.75	142	122499	39.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	76659	34.942	ng	99

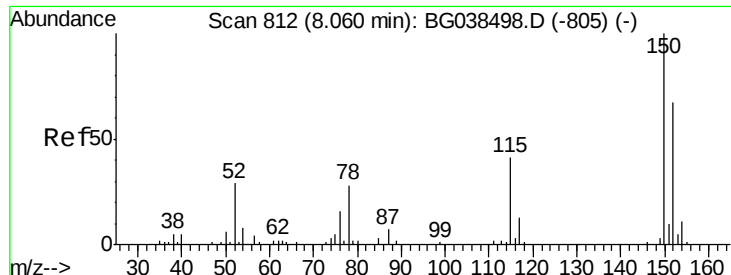
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038609.D
 Acq On : 15 Dec 2018 18:08
 Operator : JU/SJ
 Sample : PB115540BS
 Misc :
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Instrument :
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 ClientSampleId :
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Quant Time: Dec 16 02:23:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	102788	85.279	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	50519	37.451	ng	95
44) 2,4,5-Trichlorophenol	13.20	196	55889	39.132	ng	96
46) 1,1'-Biphenyl	13.53	154	169569	34.463	ng	99
47) 2-Chloronaphthalene	13.57	162	134881	35.489	ng	96
48) 2-Nitroaniline	13.79	65	45281	37.404	ng	97
49) Acenaphthylene	14.42	152	220073	38.733	ng	99
50) Dimethylphthalate	14.14	163	181292	37.824	ng	98
51) 2,6-Dinitrotoluene	14.27	165	40850	37.609	ng	99
52) Acenaphthene	14.76	154	125207	36.852	ng	96
53) 3-Nitroaniline	14.61	138	16518	14.918	ng	97
54) 2,4-Dinitrophenol	14.82	184	42826	67.155	ng	97
55) Dibenzofuran	15.09	168	211190	36.263	ng	96
56) 4-Nitrophenol	14.91	139	65379	77.835	ng	96
57) 2,4-Dinitrotoluene	15.06	165	58305	38.112	ng	96
58) Fluorene	15.74	166	170641	39.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	51860	40.359	ng	98
60) Diethylphthalate	15.50	149	189579	36.030	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	95435	35.449	ng	99
62) 4-Nitroaniline	15.78	138	42672	37.435	ng	98
63) Azobenzene	16.02	77	164796	37.492	ng	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	35810	33.980	ng	96
66) n-Nitrosodiphenylamine	15.95	169	159214	36.679	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	61883	34.298	ng	96
68) Hexachlorobenzene	16.74	284	66285	35.440	ng	97
69) Atrazine	16.89	200	66715	41.414	ng	96
70) Pentachlorophenol	17.09	266	71080	64.252	ng	98
71) Phenanthrene	17.49	178	304918	39.801	ng	98
72) Anthracene	17.58	178	310733	41.086	ng	99
73) Carbazole	17.85	167	283469	37.898	ng	98
74) Di-n-butylphthalate	18.38	149	345448	40.250	ng	100
75) Fluoranthene	19.49	202	397943	41.982	ng	98
77) Benzidine	19.68	184	87522	18.805	ng	98
78) Pyrene	19.86	202	400421	38.515	ng	100
80) Butylbenzylphthalate	20.73	149	157473	38.770	ng	99
81) Benzo(a)anthracene	21.70	228	390670	40.740	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	75064	19.737	ng	98
83) Chrysene	21.77	228	361502	39.139	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	222426	38.611	ng	99
85) Di-n-octyl phthalate	22.80	149	376096	38.983	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	445599	41.035	ng	# 84
88) Benzo(b)fluoranthene	23.96	252	391704	41.813	ng	99
89) Benzo(k)fluoranthene	24.03	252	372917	39.976	ng	98
90) Benzo(a)pyrene	24.86	252	375721	41.573	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	373273	41.482	ng	99
92) Benzo(g,h,i)perylene	29.99	276	367114	41.397	ng	96

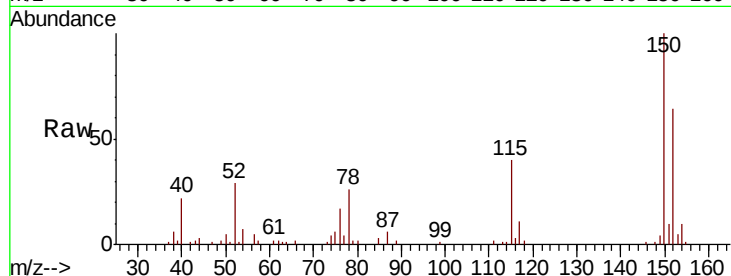
(#) = qualifier out of range (m) = manual integration (+) = signals summed



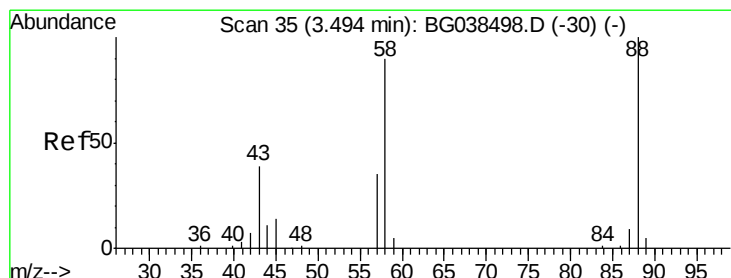
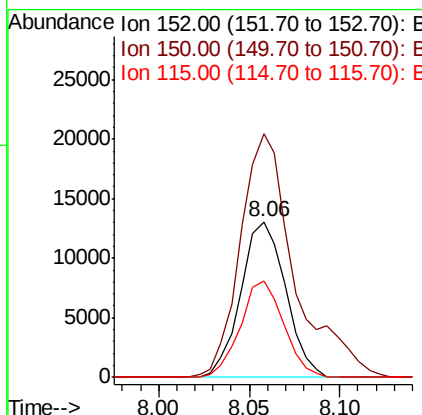
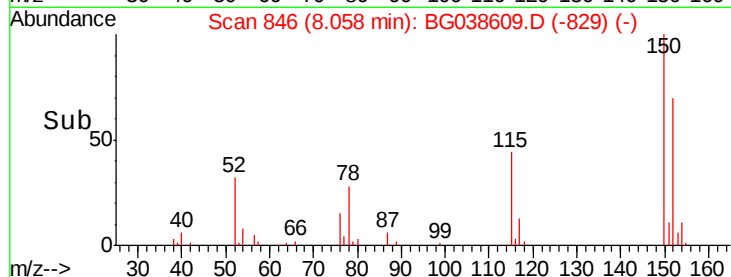
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:152 Resp: 22452
 Ion Ratio Lower Upper
 152 100
 150 156.2 119.5 179.3
 115 62.3 49.6 74.4

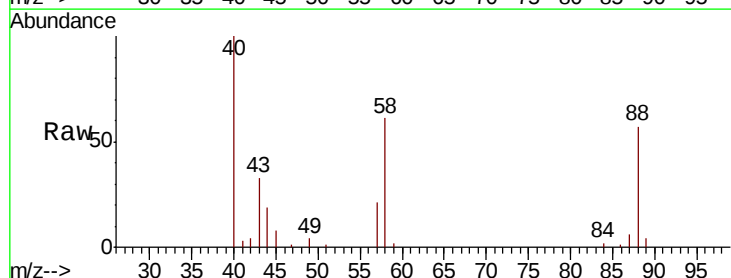


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

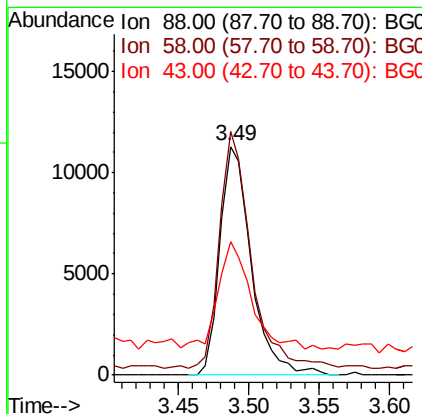
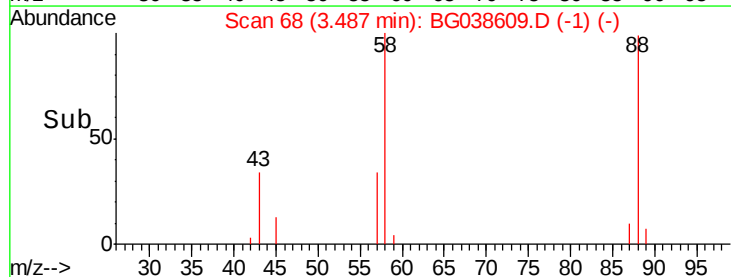


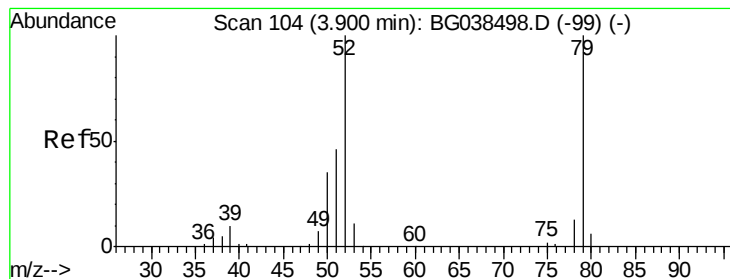
#2
 1,4-Dioxane
 Concen: 29.619 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion: 88 Resp: 17450
 Ion Ratio Lower Upper
 88 100
 58 105.5 75.7 113.5
 43 50.1 31.6 47.4#



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: 29.448 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

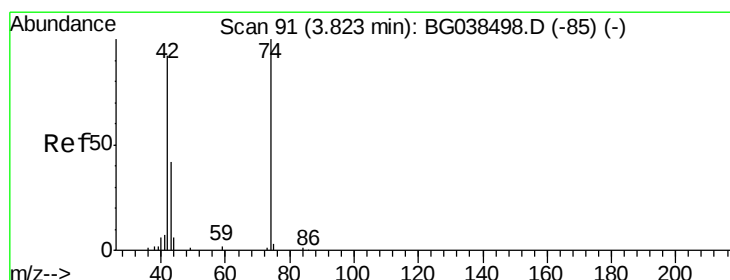
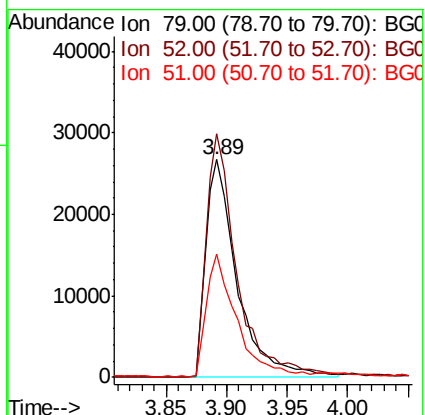
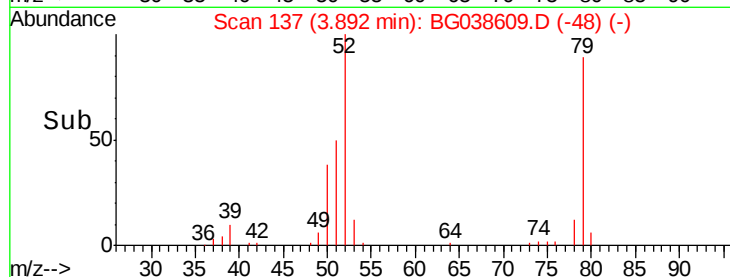
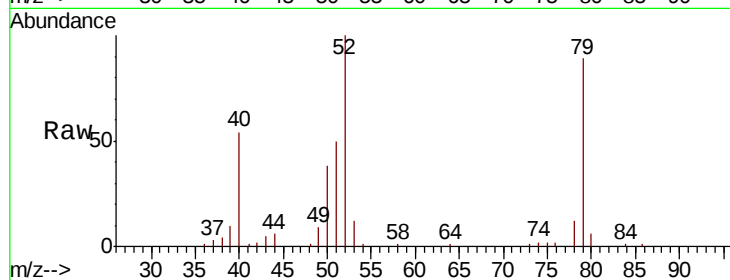
Tgt Ion: 79 Resp: 47767

Ion Ratio Lower Upper

79 100

52 112.0 80.2 120.2

51 56.5 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 41.904 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

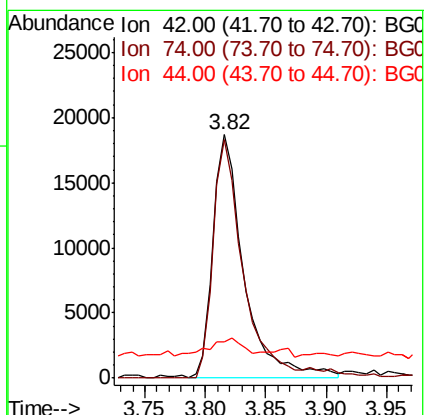
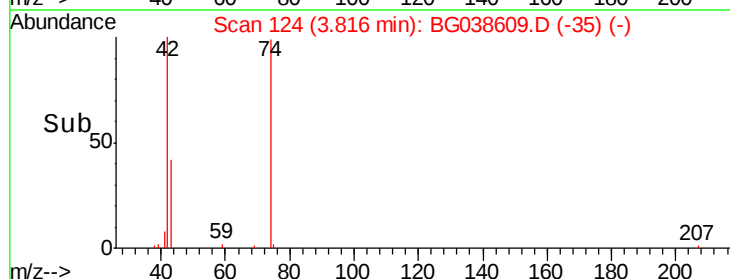
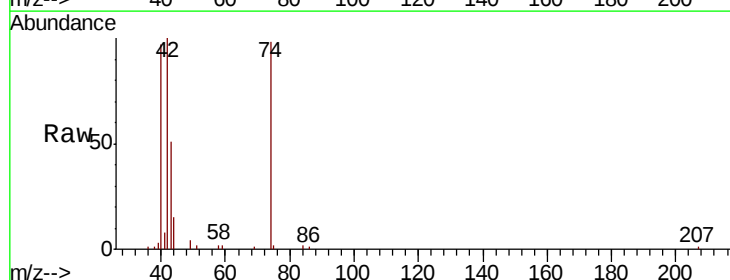
Tgt Ion: 42 Resp: 33304

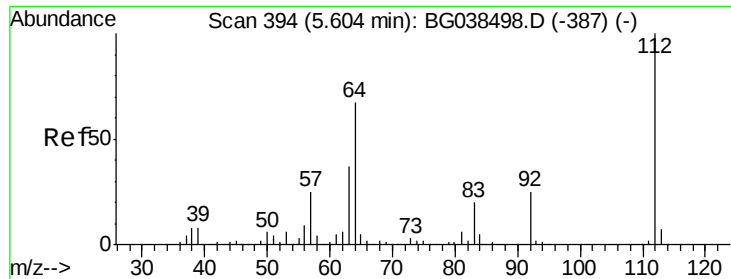
Ion Ratio Lower Upper

42 100

74 97.8 86.7 130.1

44 14.8 7.8 11.8#





#5

2-Fluorophenol

Concen: 85.411 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

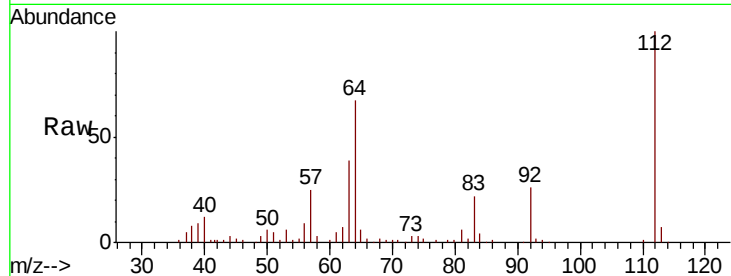
Tgt Ion: 112 Resp: 108119

Ion Ratio Lower Upper

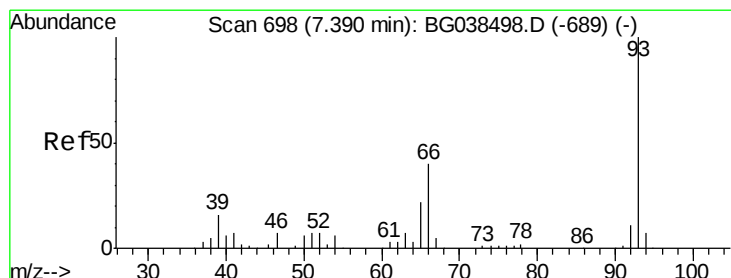
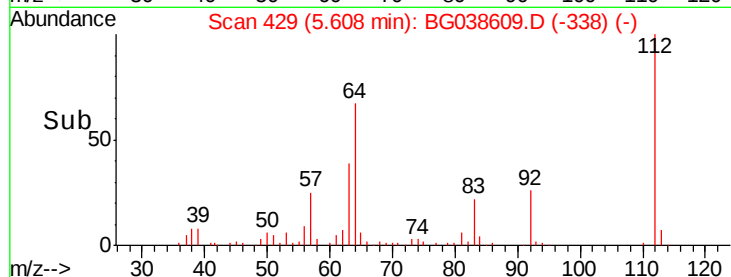
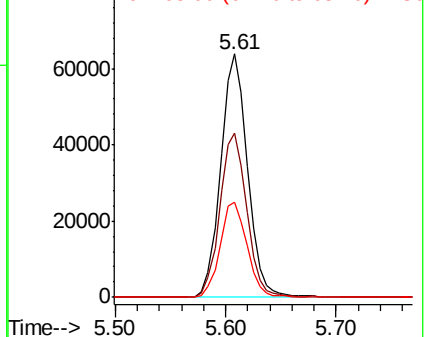
112 100

64 67.3 53.4 80.2

63 39.2 29.3 43.9



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: 17.978 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

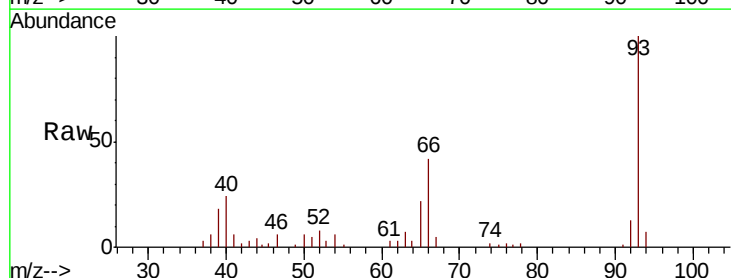
Tgt Ion: 93 Resp: 39882

Ion Ratio Lower Upper

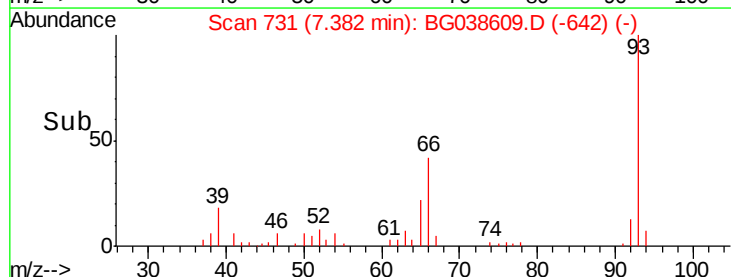
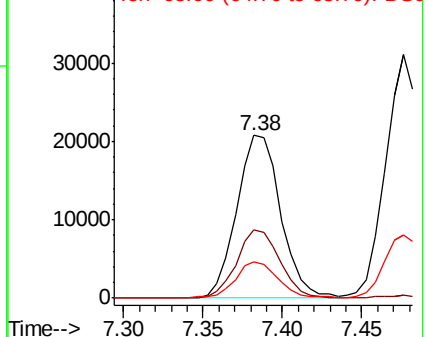
93 100

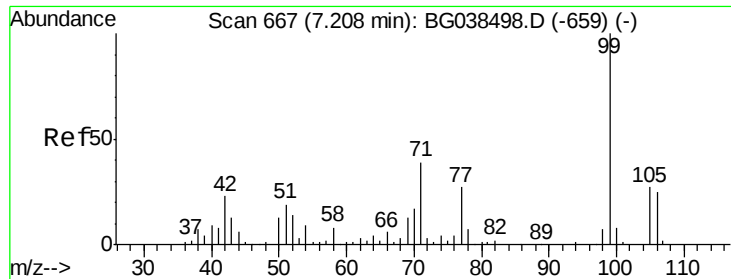
66 42.3 31.7 47.5

65 22.3 17.8 26.6



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: 84.726 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

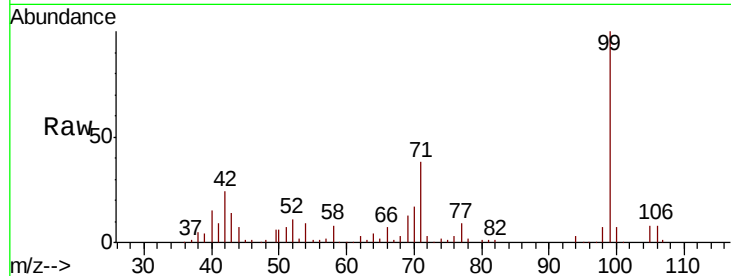
Tgt Ion: 99 Resp: 147236

Ion Ratio Lower Upper

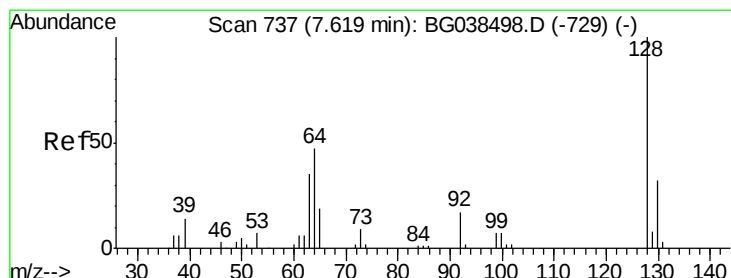
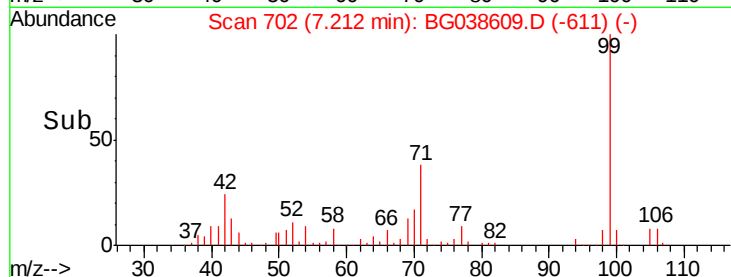
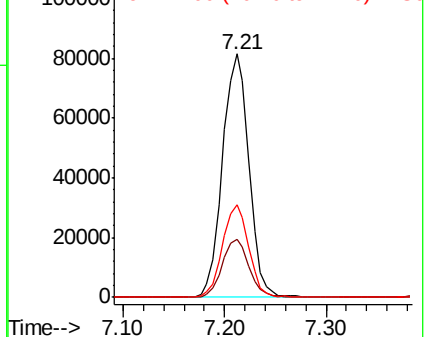
99 100

42 24.0 18.5 27.7

71 38.2 31.1 46.7



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: 39.684 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

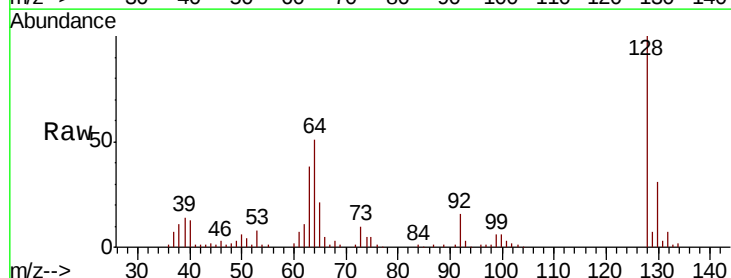
Tgt Ion: 128 Resp: 58133

Ion Ratio Lower Upper

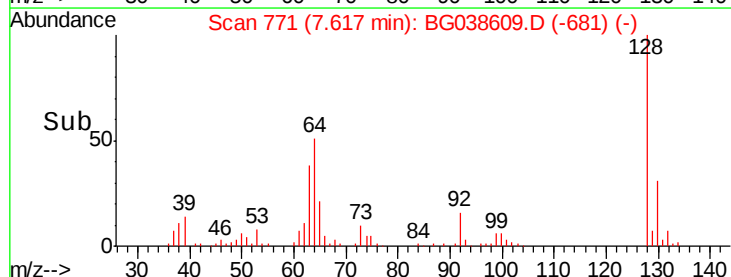
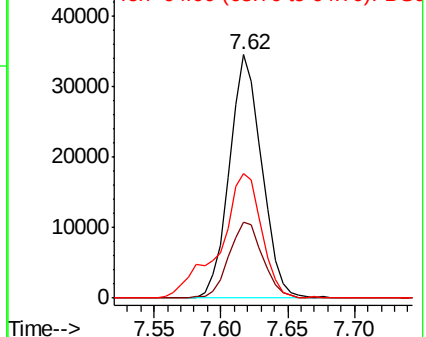
128 100

130 31.3 11.8 51.8

64 51.0 33.2 73.2



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: 20.225 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

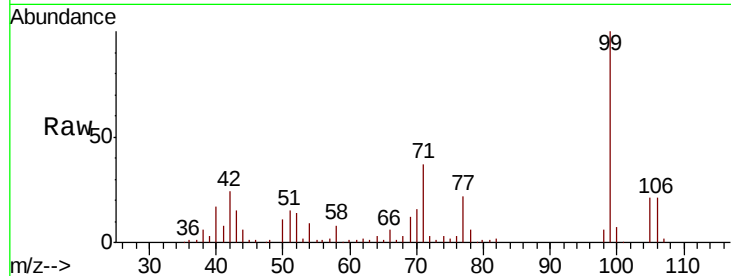
Tgt Ion: 77 Resp: 22800

Ion Ratio Lower Upper

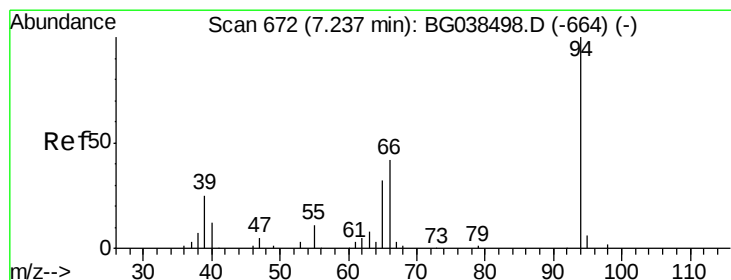
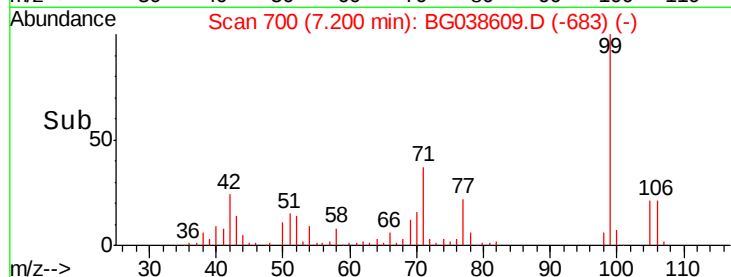
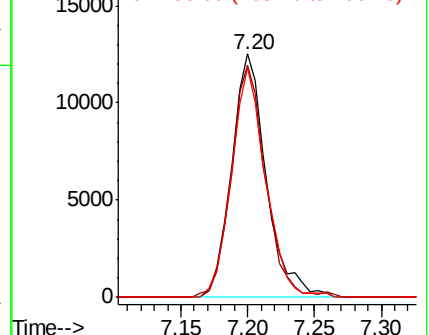
77 100

105 95.6 74.0 114.0

106 94.4 73.9 113.9



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: 40.795 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

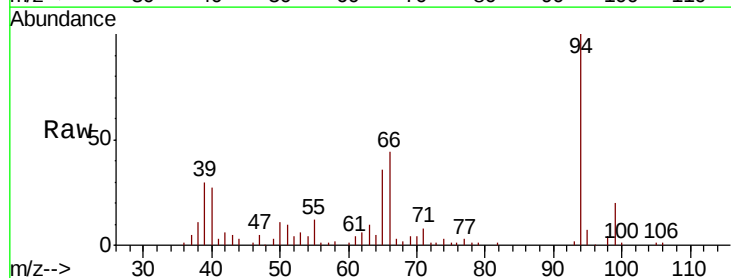
Tgt Ion: 94 Resp: 75317

Ion Ratio Lower Upper

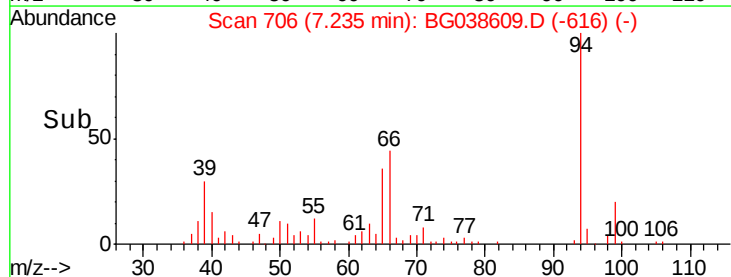
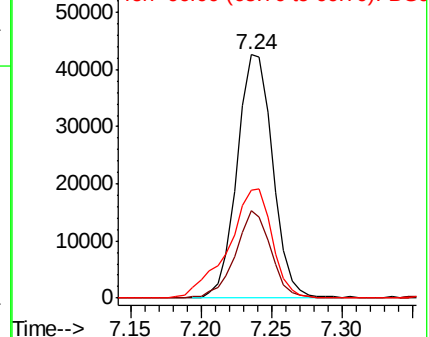
94 100

65 36.1 12.6 52.6

66 44.4 24.1 64.1



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

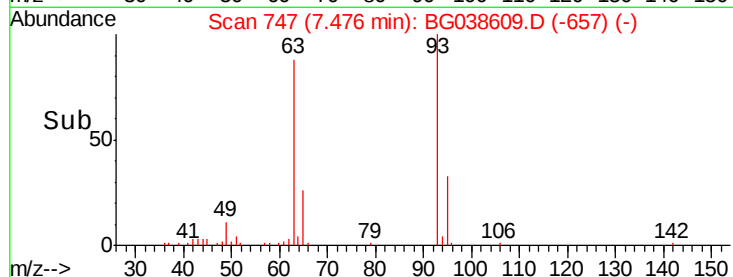
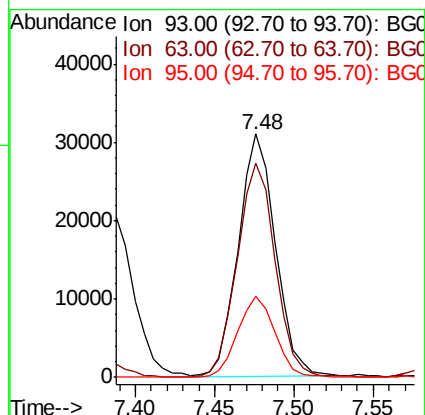
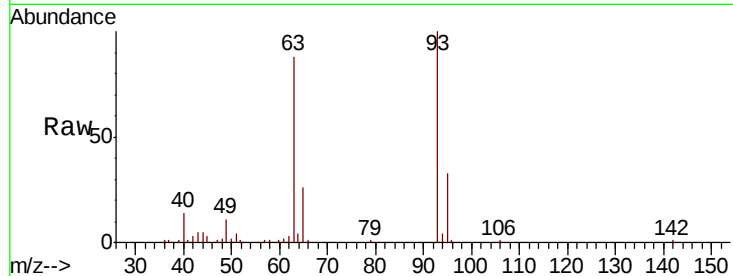




#11
bis(2-Chloroethyl)ether
Concen: 34.141 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

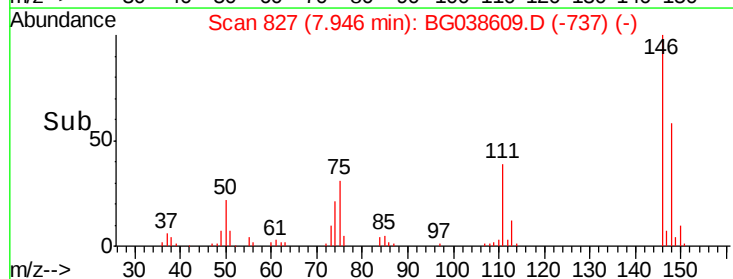
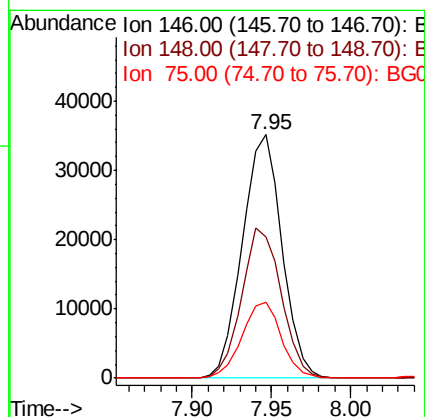
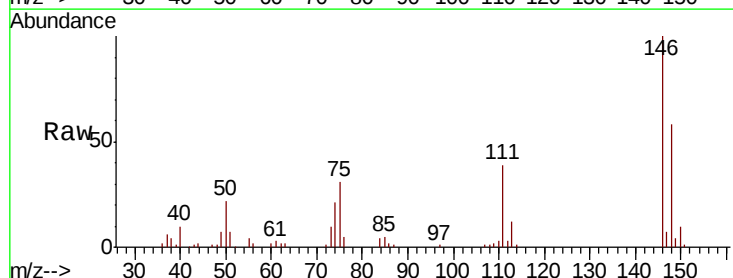
Instrument :
BNA_G
ClientSampleId :
PB115540BS

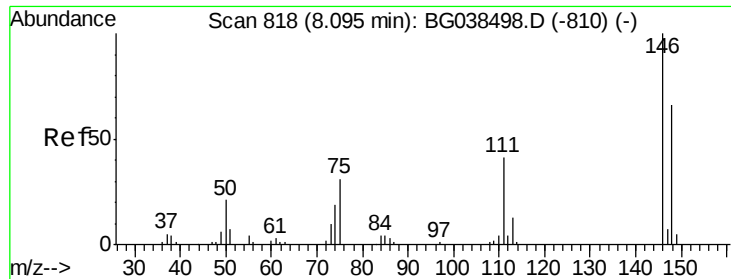
Tgt Ion: 93 Resp: 50183
Ion Ratio Lower Upper
93 100
63 87.8 72.2 112.2
95 33.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 35.160 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion: 146 Resp: 60900
Ion Ratio Lower Upper
146 100
148 58.1 51.4 77.0
75 31.3 26.1 39.1

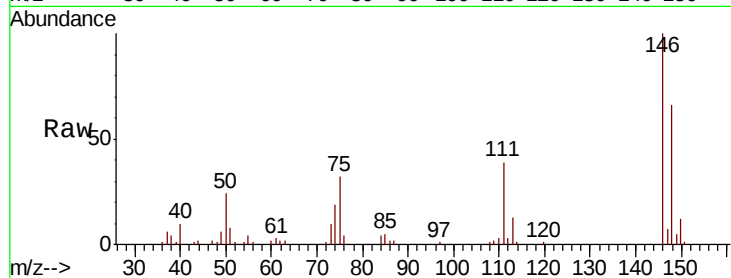




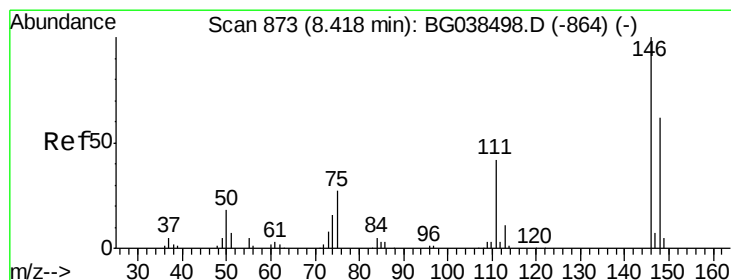
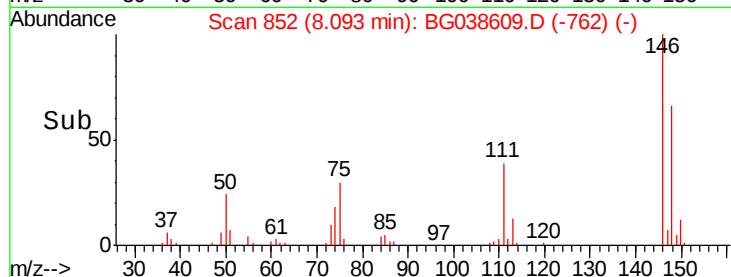
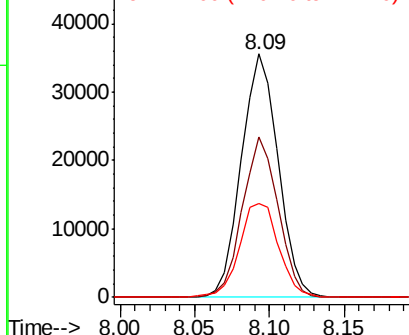
#13
 1,4-Dichlorobenzene
 Concen: 34.273 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:146 Resp: 60797
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.4 78.6
 111 38.6 33.0 49.4

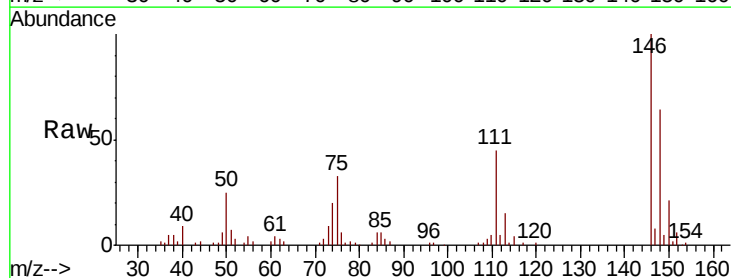


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

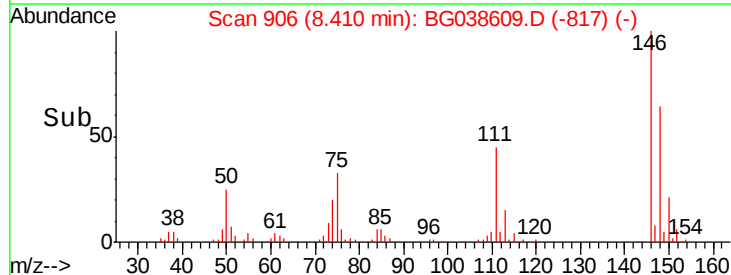
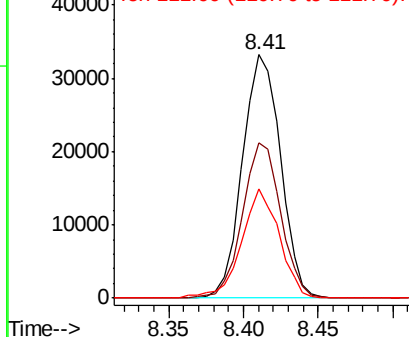


#14
 1,2-Dichlorobenzene
 Concen: 35.004 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:146 Resp: 58539
 Ion Ratio Lower Upper
 146 100
 148 64.0 49.4 74.0
 111 44.8 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 38.488 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

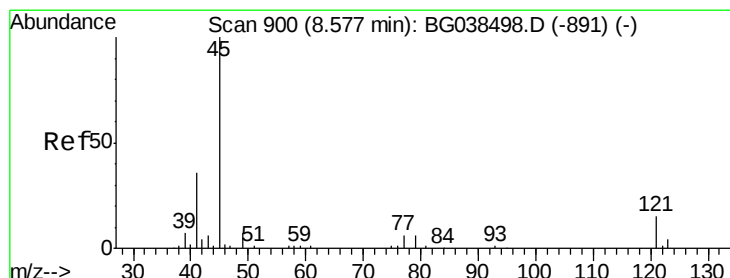
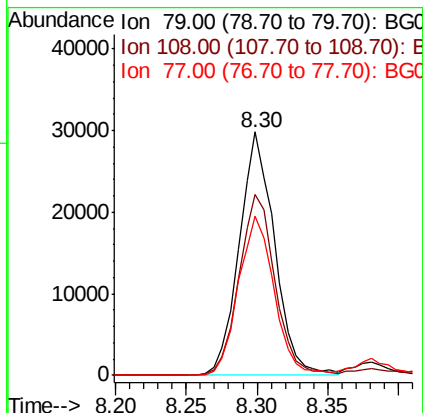
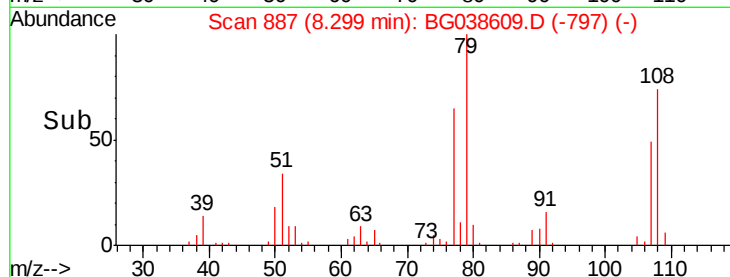
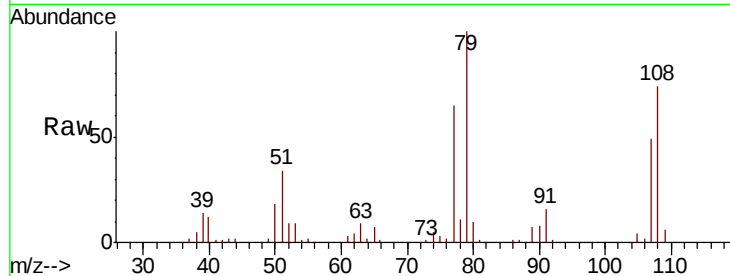
Tgt Ion: 79 Resp: 52206

Ion Ratio Lower Upper

79 100

108 74.4 60.2 90.4

77 65.4 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.939 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

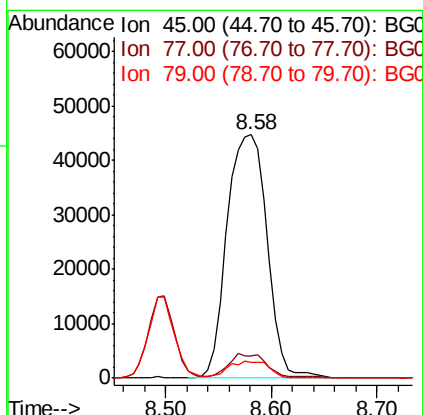
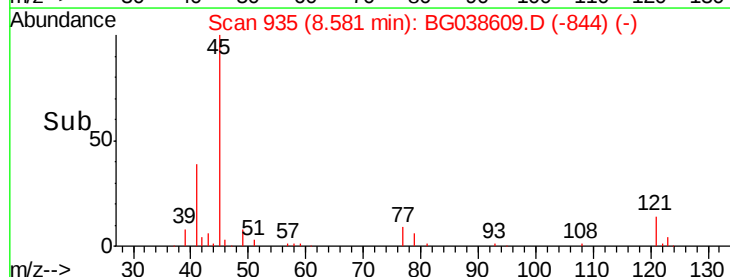
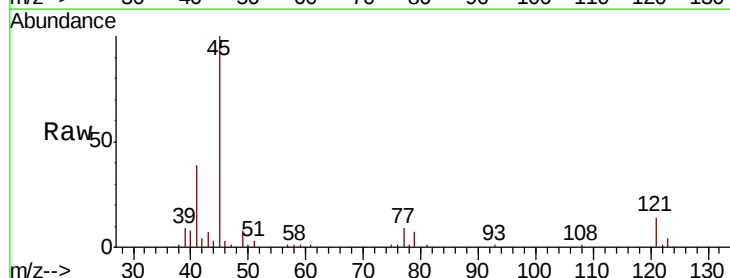
Tgt Ion: 45 Resp: 117646

Ion Ratio Lower Upper

45 100

77 9.3 0.0 28.2

79 6.7 0.0 27.2

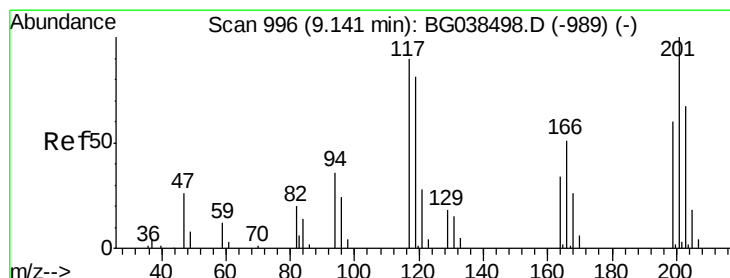
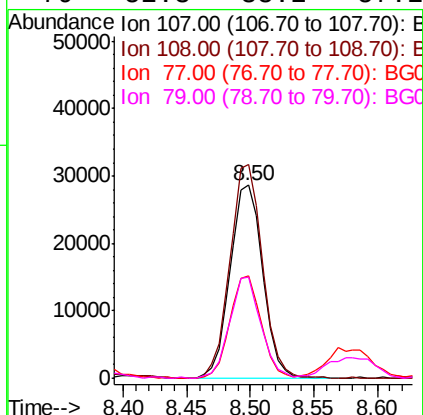
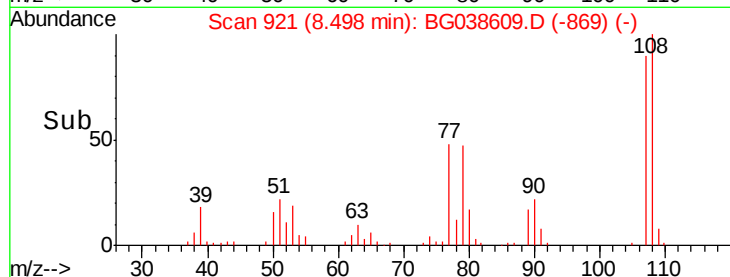
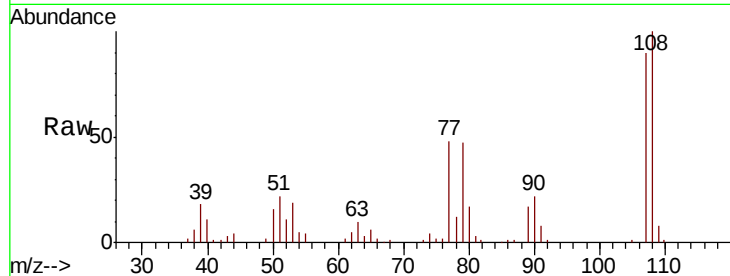




#17
2-Methylphenol
Concen: 41.177 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

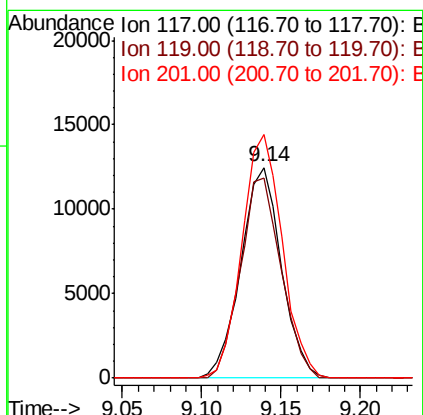
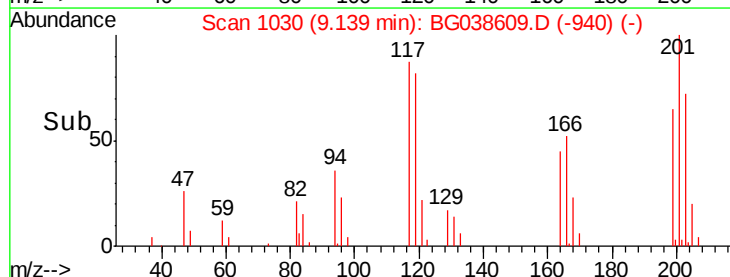
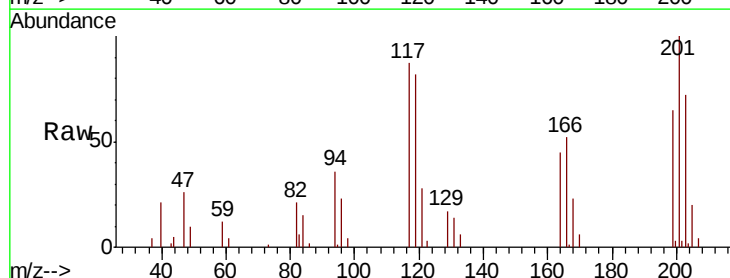
Instrument :
BNA_G
ClientSampleId :
PB115540BS

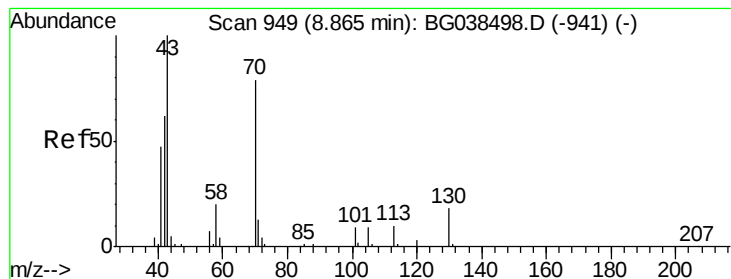
Tgt Ion:107 Resp: 50934
Ion Ratio Lower Upper
107 100
108 110.6 87.1 130.7
77 52.9 42.0 63.0
79 52.3 38.2 57.2



#18
Hexachloroethane
Concen: 34.106 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:117 Resp: 22108
Ion Ratio Lower Upper
117 100
119 94.8 73.8 110.8
201 118.7 89.4 134.0





#19

n-Nitroso-di-n-propylamine

Concen: 34.529 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

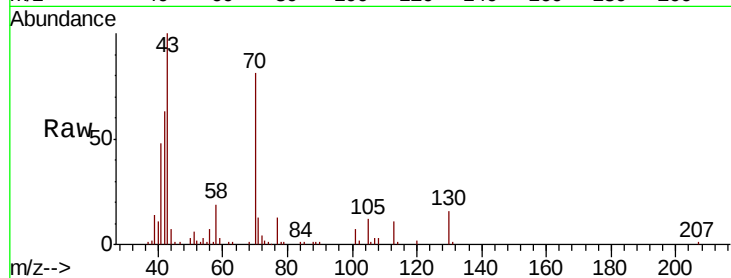
Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tgt Ion:	70	Resp:	42143
Ion	Ratio	Lower	Upper
70	100		
42	77.3	63.6	95.4
101	9.1	9.2	13.8#
130	20.0	18.5	27.7



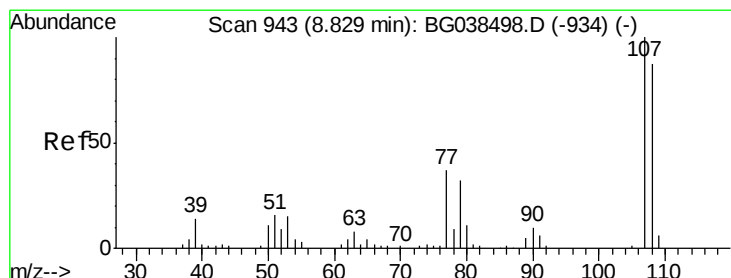
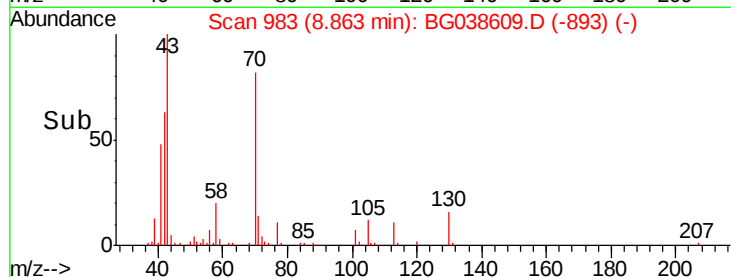
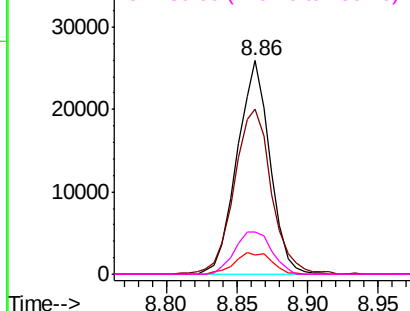
Abundance

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: 39.492 ng

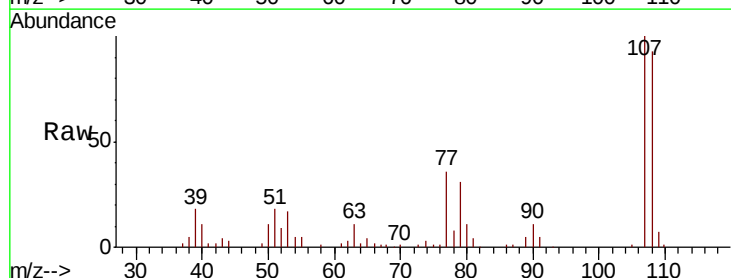
RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	107	Resp:	67464
Ion	Ratio	Lower	Upper
107	100		
108	93.5	66.7	106.7
77	35.7	17.3	57.3
79	31.1	12.3	52.3



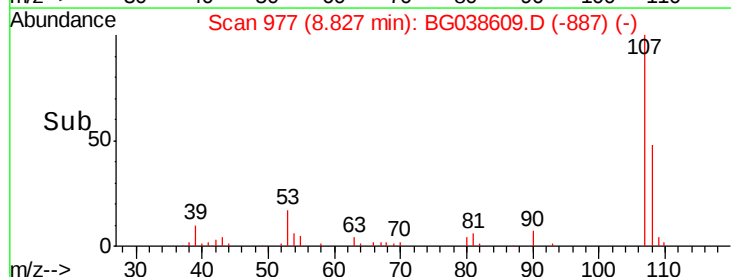
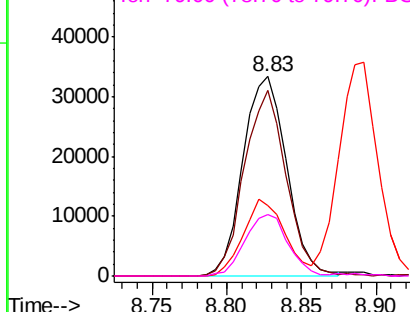
Abundance

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

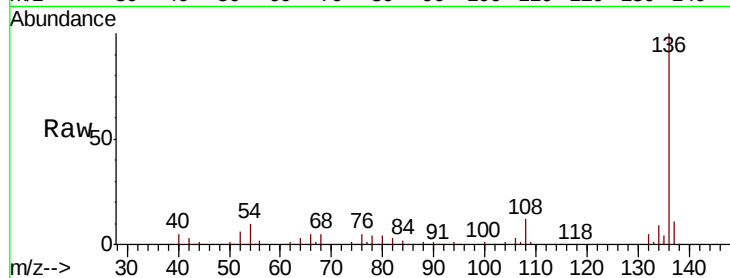




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tgt Ion:	136	Resp:	91332
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	10.4	8.5	12.7
68	5.3	3.5	5.3#



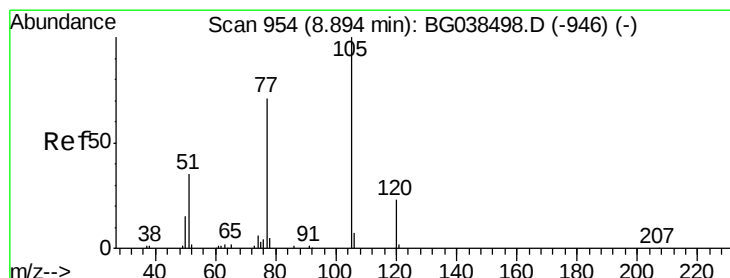
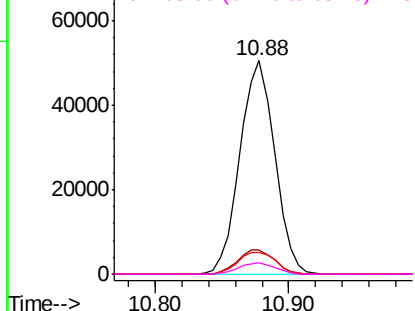
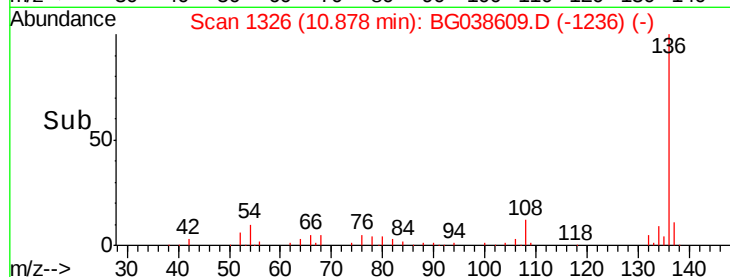
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

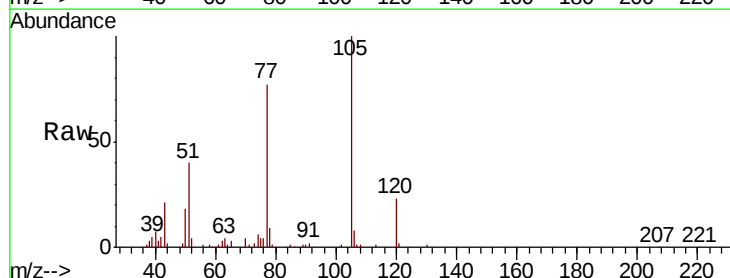
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.982 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:	105	Resp:	84367
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.4	0.6#
51	39.6	30.6	46.0
120	22.8	18.6	28.0



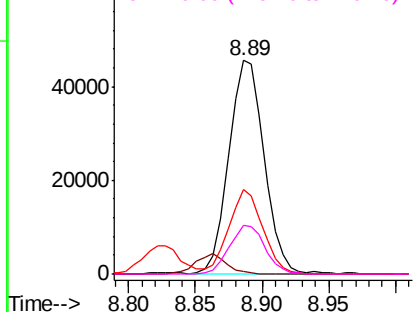
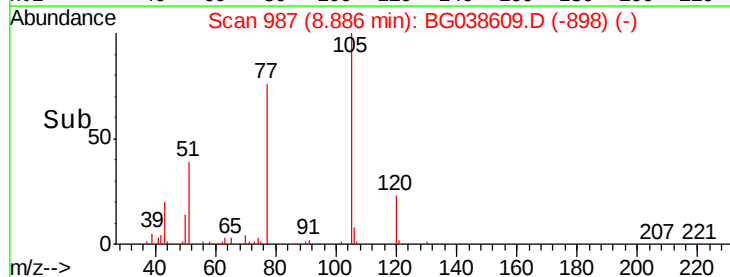
Abundance

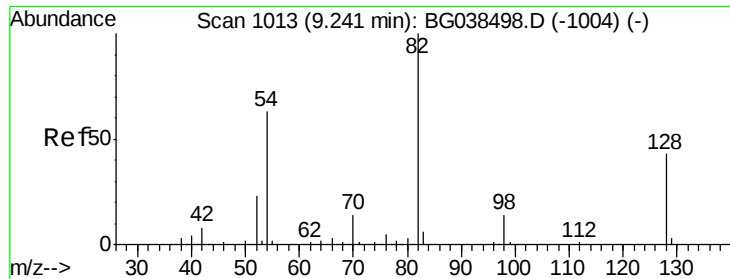
Ion 105.00 (104.70 to 105.70): E

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

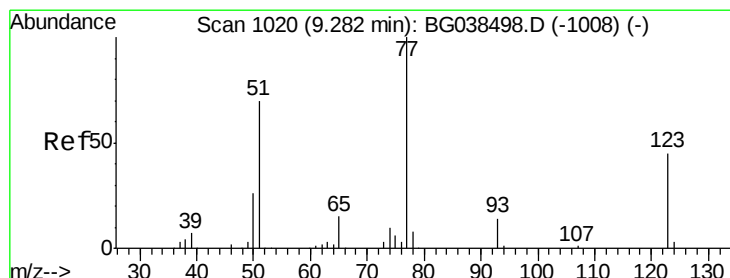
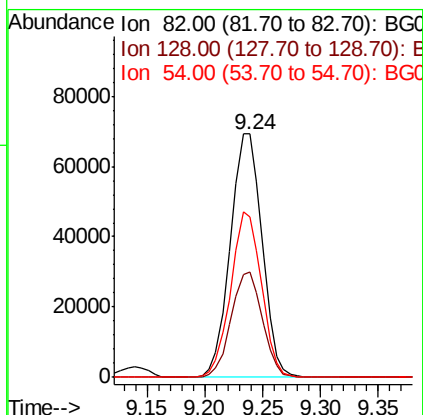
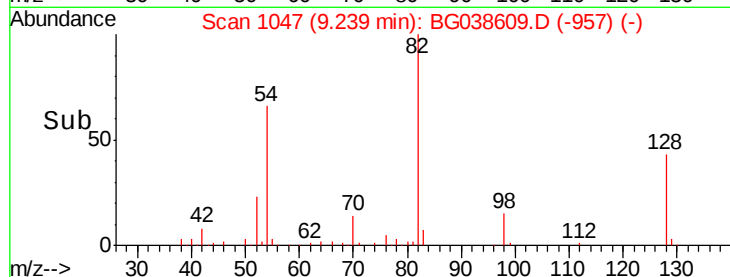
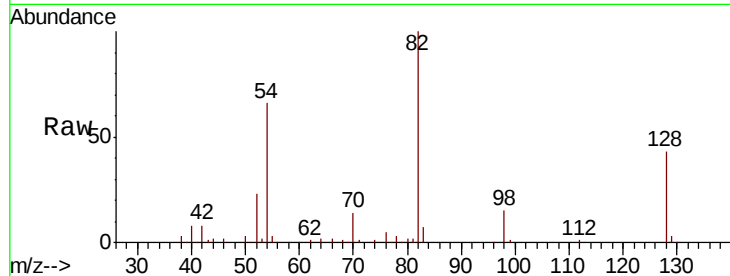




#23
 Nitrobenzene-d5
 Concen: 73.908 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

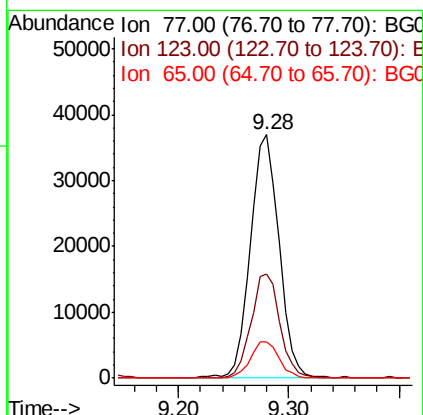
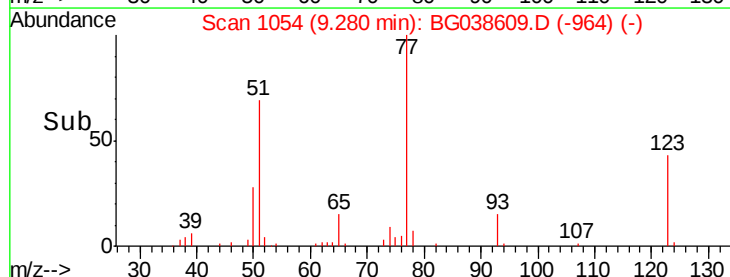
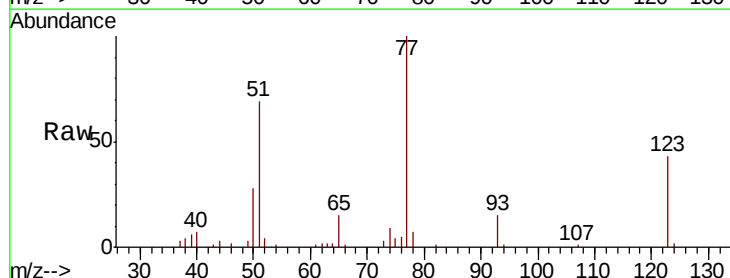
Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

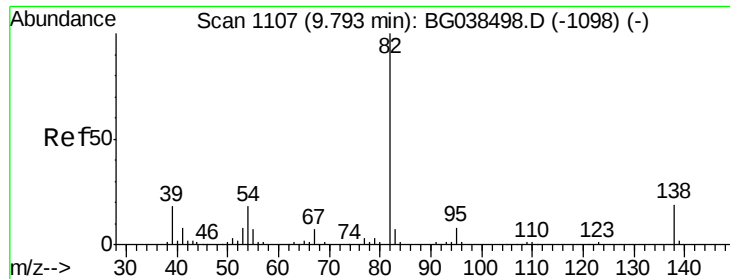
Tgt Ion: 82 Resp: 132130
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 52.0
 54 65.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 37.425 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion: 77 Resp: 67685
 Ion Ratio Lower Upper
 77 100
 123 42.5 35.9 53.9
 65 14.9 12.0 18.0





#25

Isophorone

Concen: 36.653 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

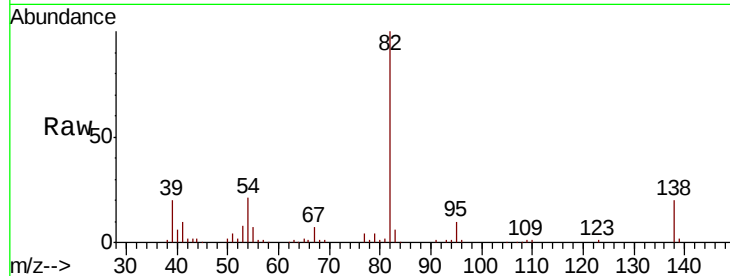
Tgt Ion: 82 Resp: 117734

Ion Ratio Lower Upper

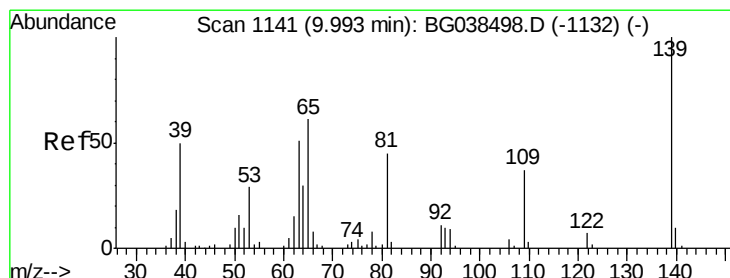
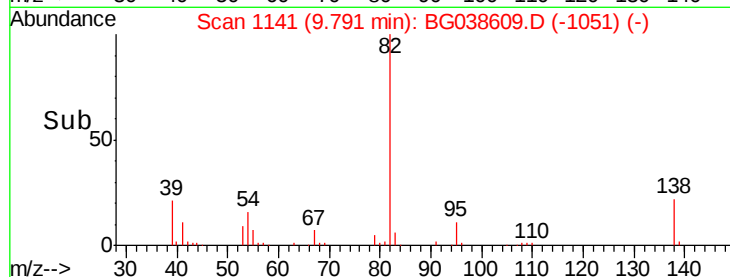
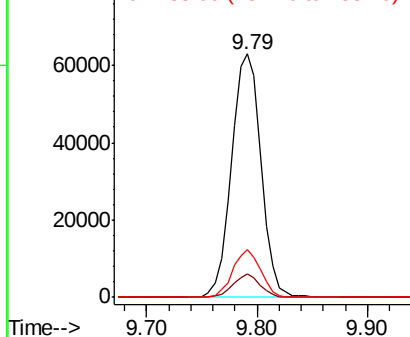
82 100

95 9.7 6.1 9.1#

138 19.6 14.9 22.3



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: 35.358 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

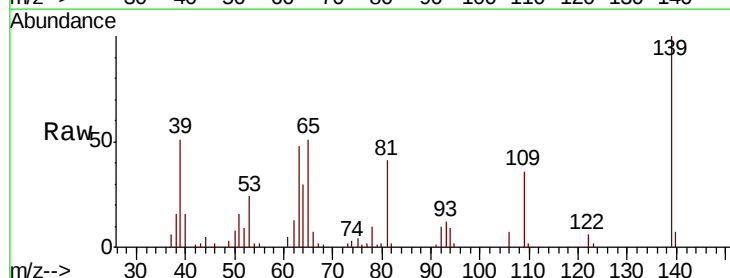
Tgt Ion: 139 Resp: 32729

Ion Ratio Lower Upper

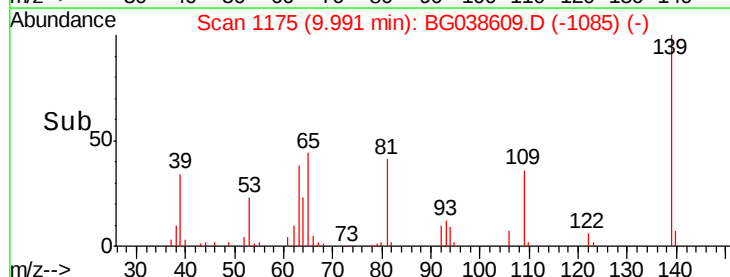
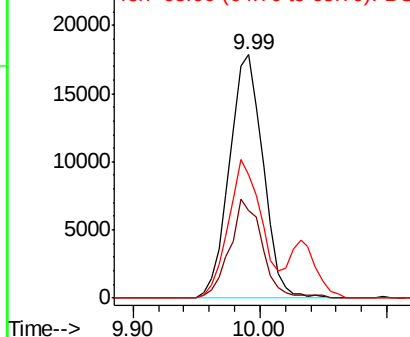
139 100

109 35.7 29.5 44.3

65 50.8 48.5 72.7



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

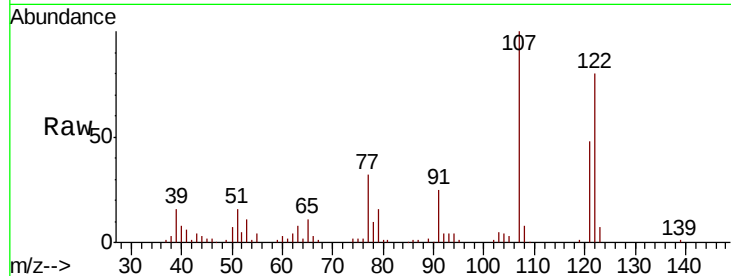




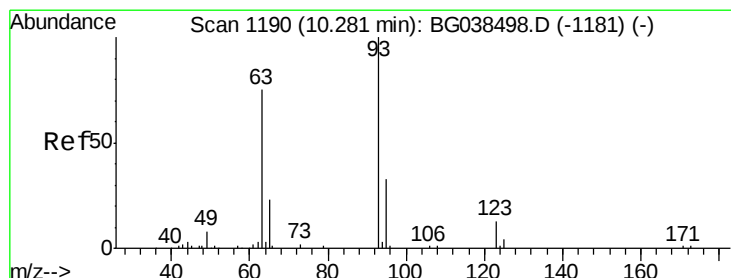
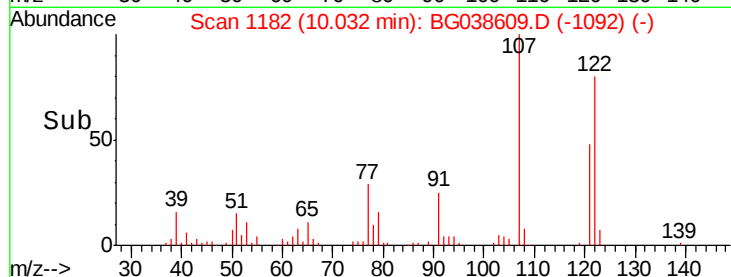
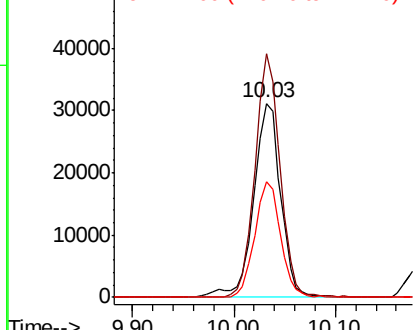
#27
 2,4-Dimethylphenol
 Concen: 43.355 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:122 Resp: 57515
 Ion Ratio Lower Upper
 122 100
 107 125.3 98.4 147.6
 121 59.8 47.2 70.8

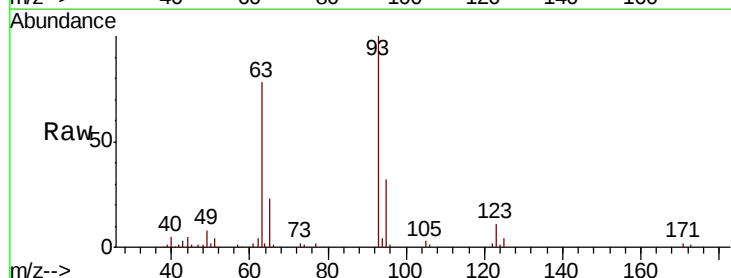


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

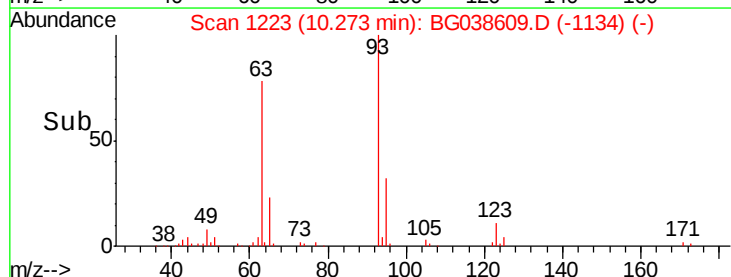
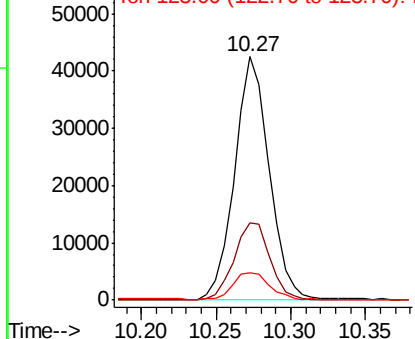


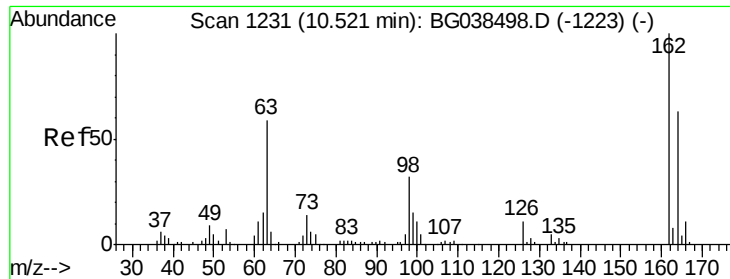
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.823 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion: 93 Resp: 68561
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 11.1 10.6 16.0



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

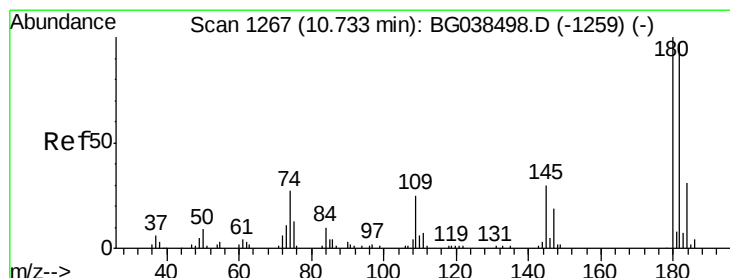
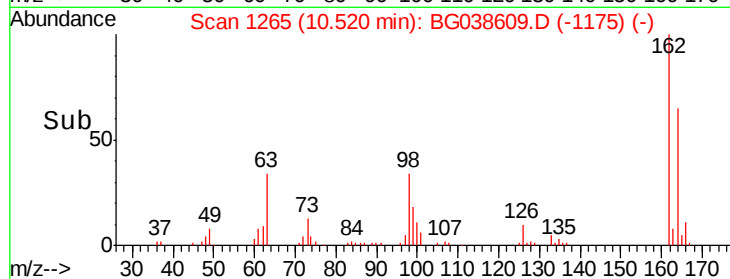
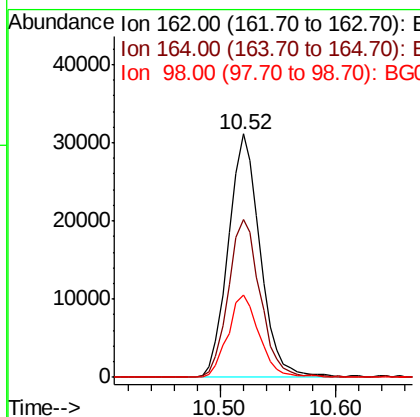
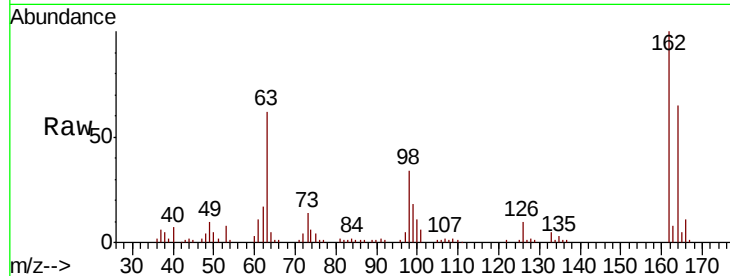




#29
 2,4-Dichlorophenol
 Concen: 40.281 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

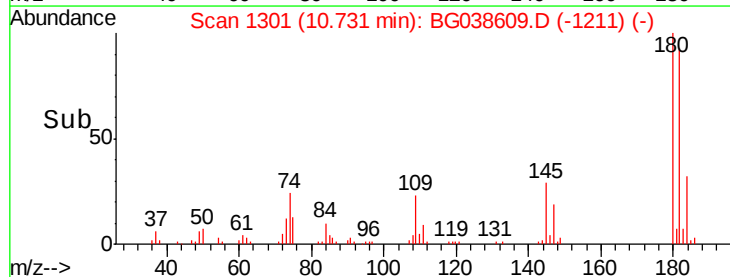
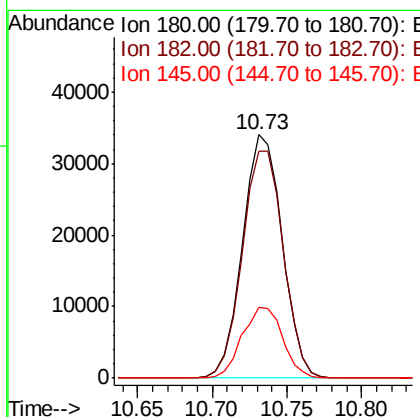
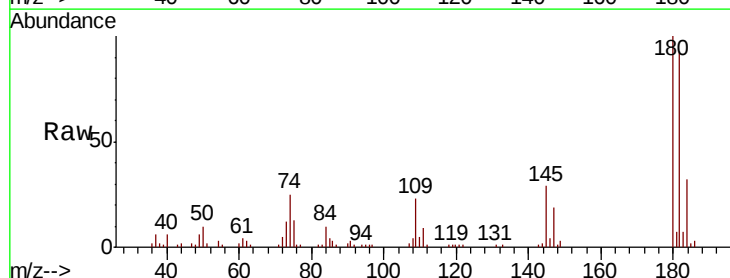
Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

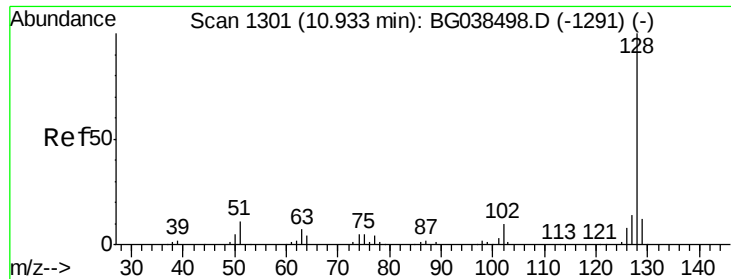
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.9	82.9
98	33.8	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.033 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.4	116.0
145	29.2	24.1	36.1

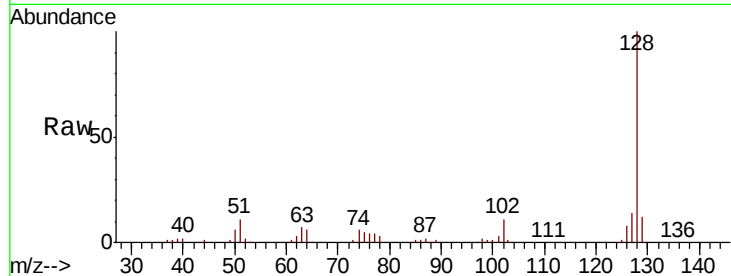




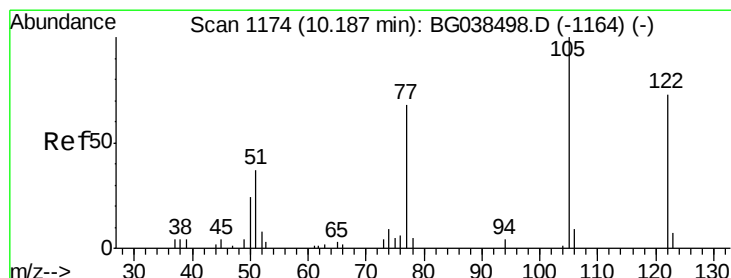
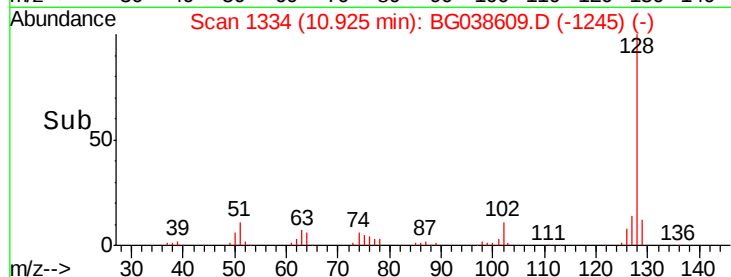
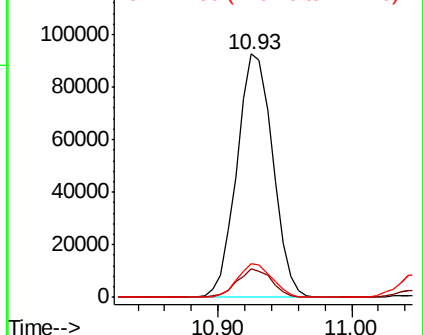
#31
Naphthalene
Concen: 38.331 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tgt Ion:128 Resp: 172489
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.0 10.9 16.3

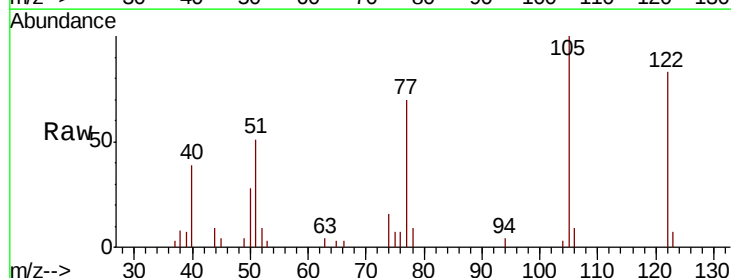


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

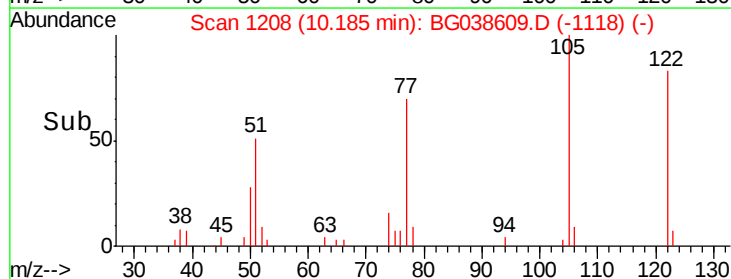
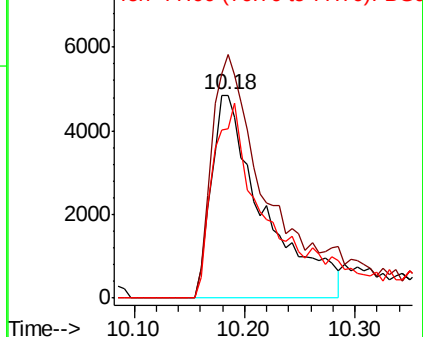


#32
Benzoic acid
Concen: 25.116 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:122 Resp: 15984
Ion Ratio Lower Upper
122 100
105 119.9 116.7 156.7
77 83.6 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

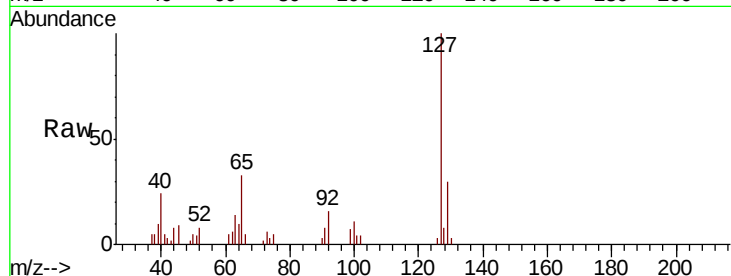




#33
4-Chloroaniline
Concen: 9.514 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tgt Ion:	127	Resp:	18587
Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.8	38.8
65	33.2	27.8	41.6
92	16.1	17.0	25.6#



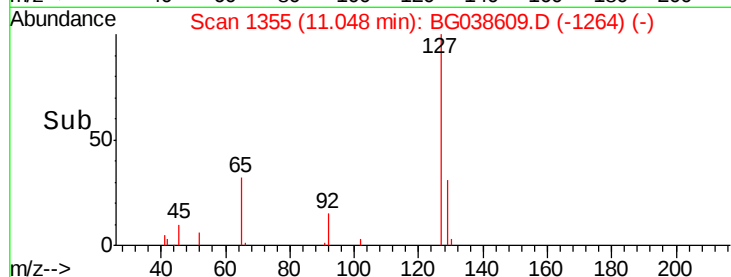
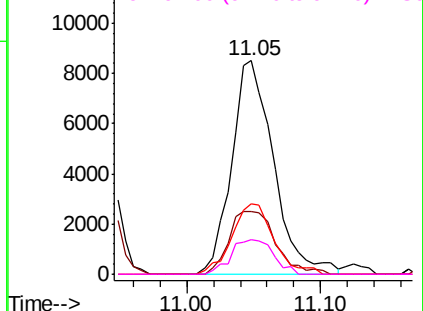
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

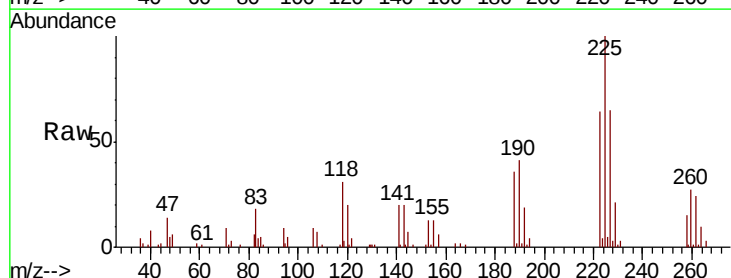
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.985 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:	225	Resp:	42200
Ion	Ratio	Lower	Upper
225	100		
223	61.3	45.0	67.6
227	64.7	50.6	75.8

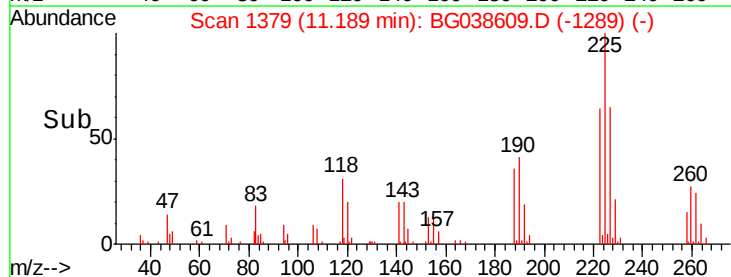
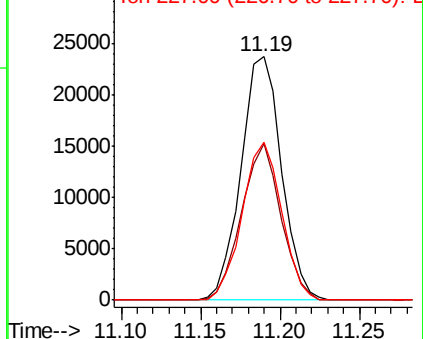


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

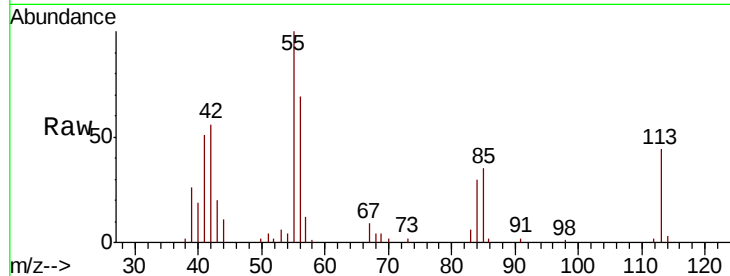




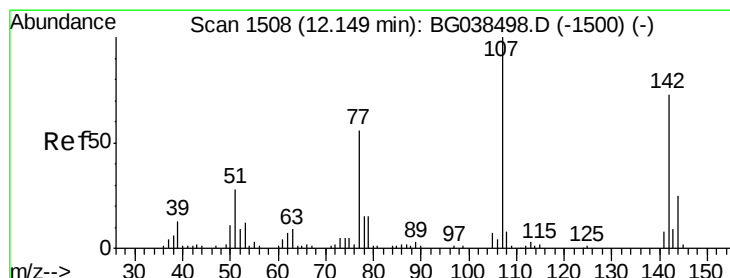
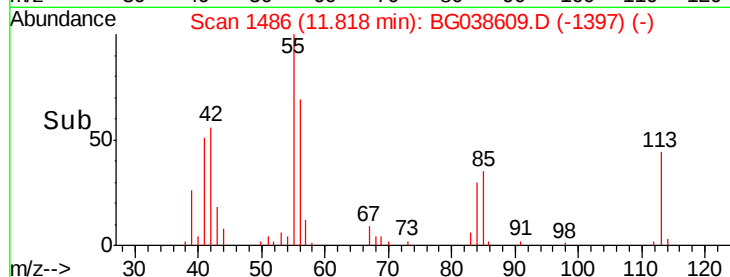
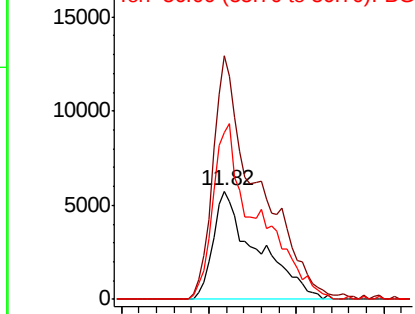
#35
 Caprolactam
 Concen: 32.333 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:113 Resp: 19748
 Ion Ratio Lower Upper
 113 100
 55 224.8 204.3 244.3
 56 154.4 135.0 175.0

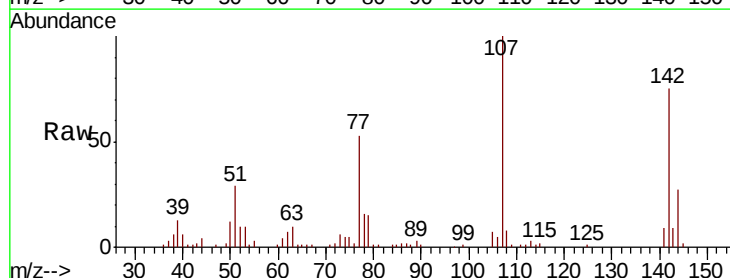


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

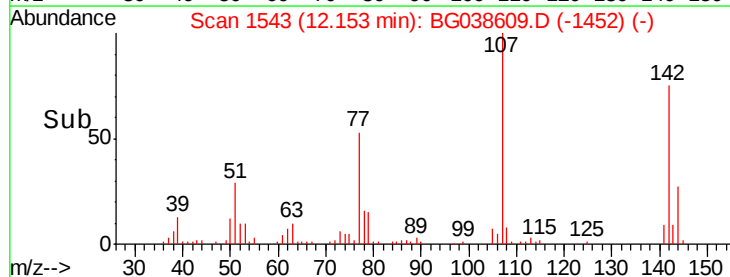
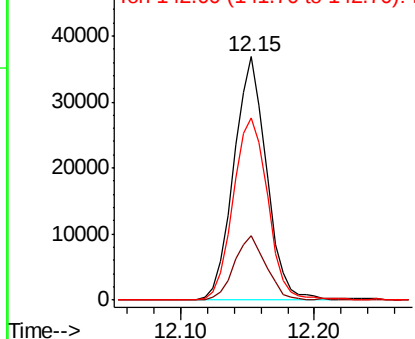


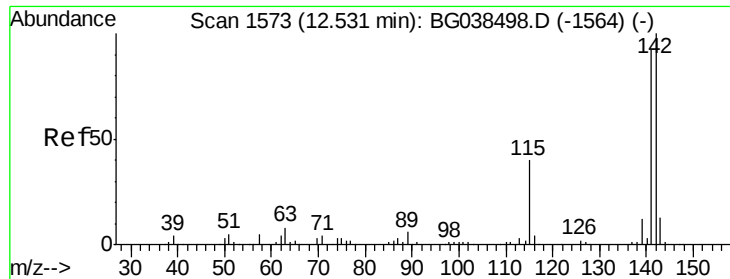
#36
 4-Chloro-3-methylphenol
 Concen: 37.202 ng
 RT: 12.15 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:107 Resp: 62655
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.1 30.1
 142 75.1 58.7 88.1



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

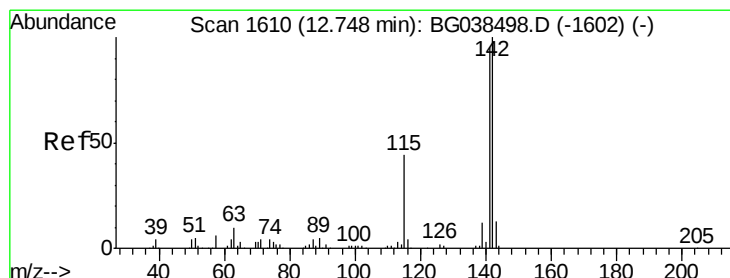
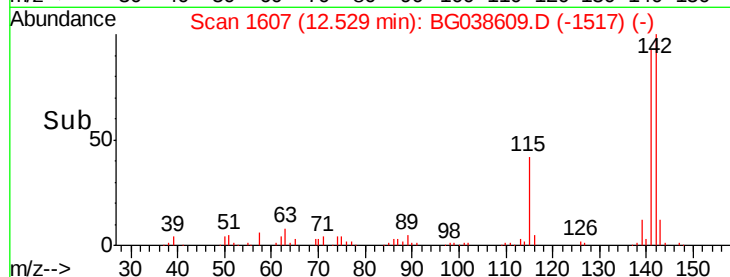
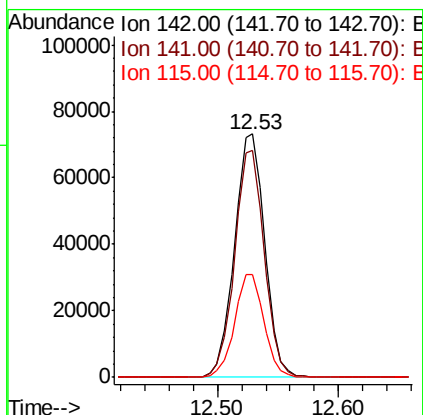
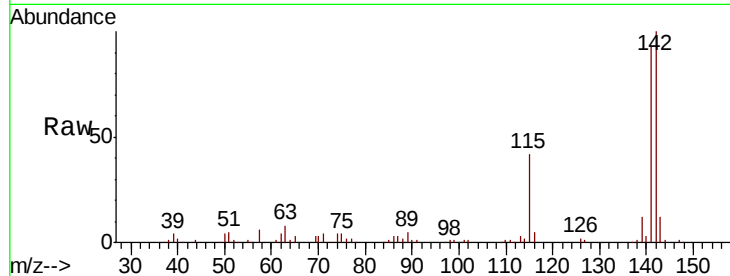




#37
 2-Methylnaphthalene
 Concen: 39.739 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

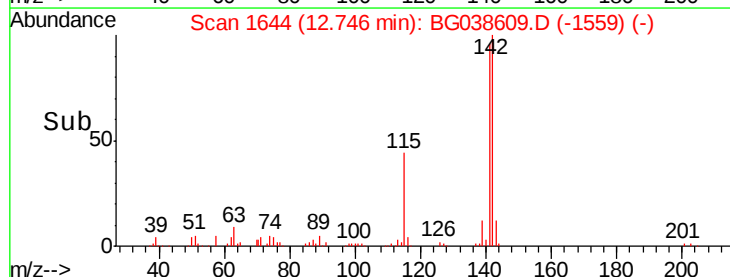
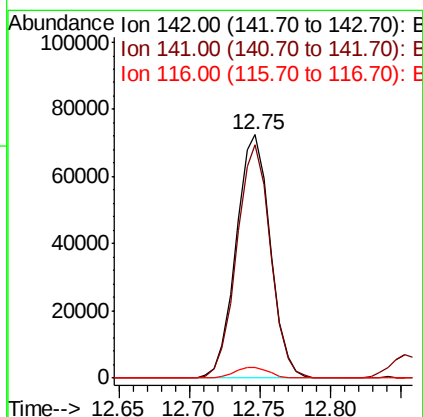
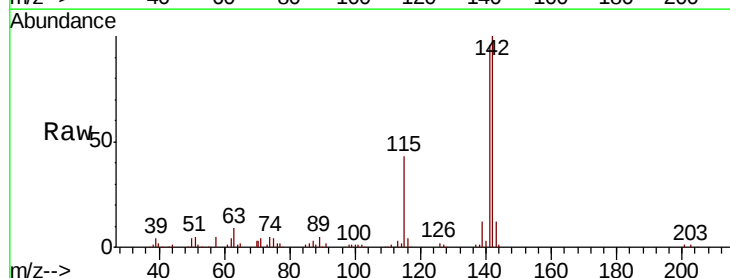
Instrument :
 BNA_G
 ClientSampleID :
 PB115540BS

Tgt Ion:142 Resp: 127578
 Ion Ratio Lower Upper
 142 100
 141 93.3 73.5 110.3
 115 42.1 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 39.322 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:142 Resp: 122499
 Ion Ratio Lower Upper
 142 100
 141 95.8 75.8 113.8
 116 4.1 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

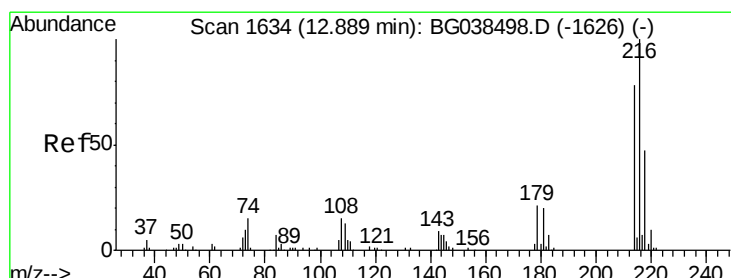
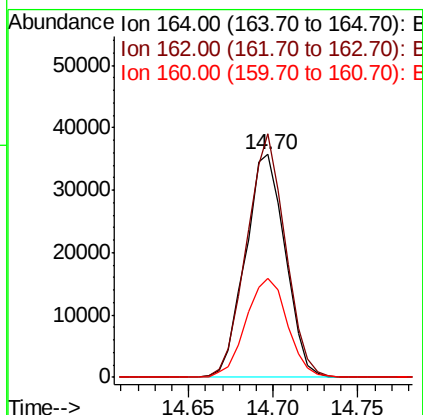
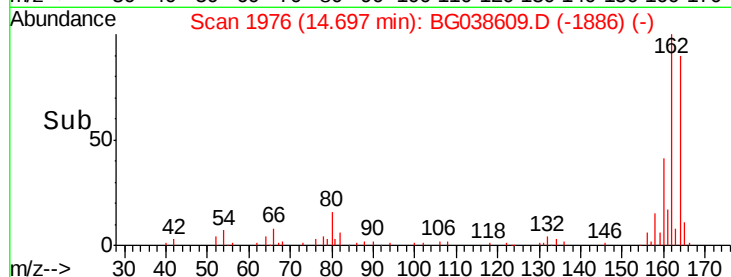
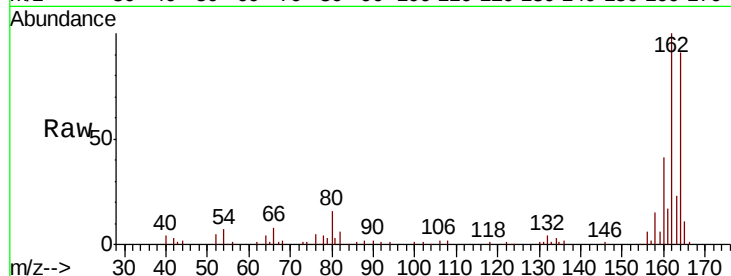
Tgt Ion:164 Resp: 58692

Ion Ratio Lower Upper

164 100

162 109.3 86.6 130.0

160 44.6 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.942 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:216 Resp: 76659

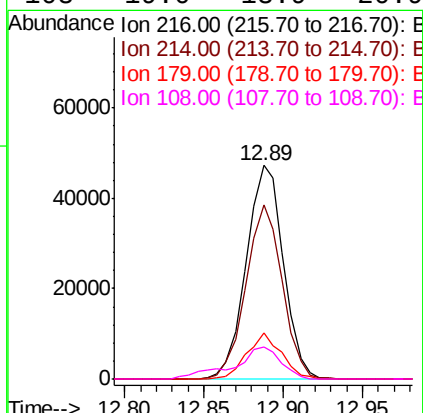
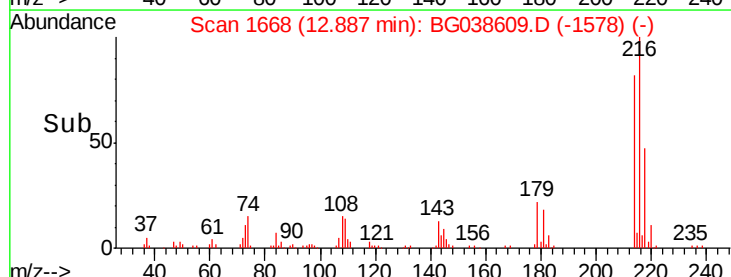
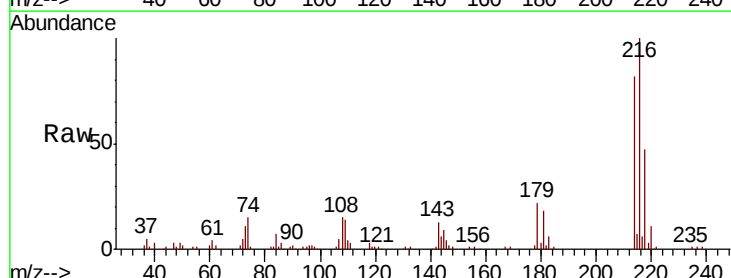
Ion Ratio Lower Upper

216 100

214 79.9 64.1 96.1

179 20.0 16.4 24.6

108 19.0 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 85.279 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

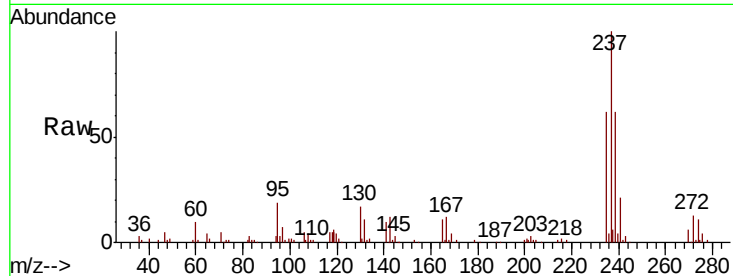
Tgt Ion:237 Resp: 102788

Ion Ratio Lower Upper

237 100

235 62.5 38.8 78.8

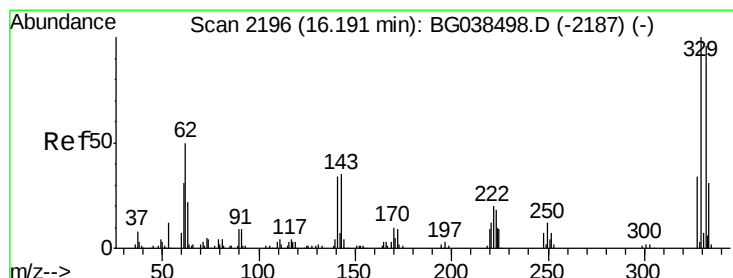
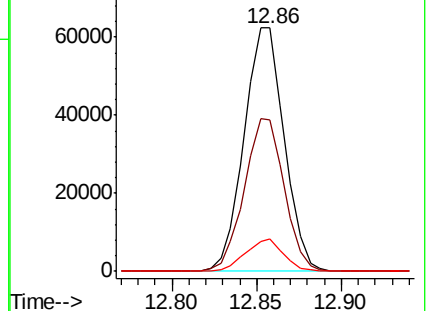
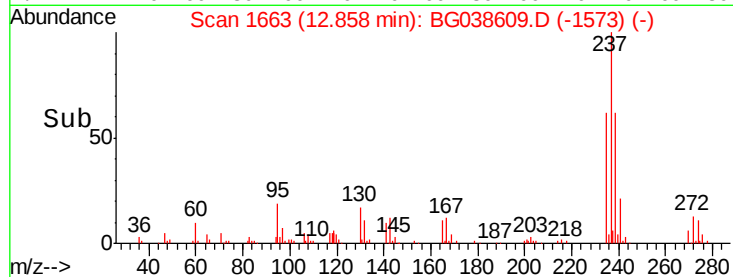
272 13.4 0.0 32.0



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: 79.512 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

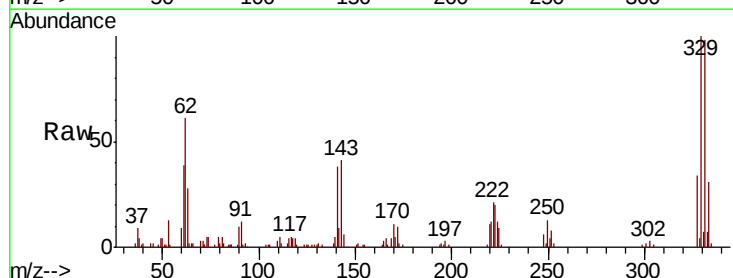
Tgt Ion:330 Resp: 64316

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

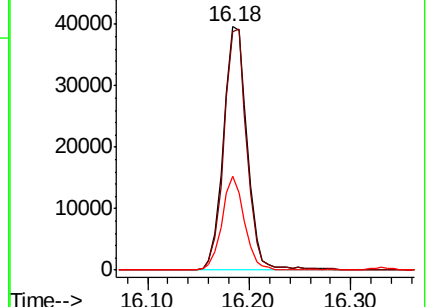
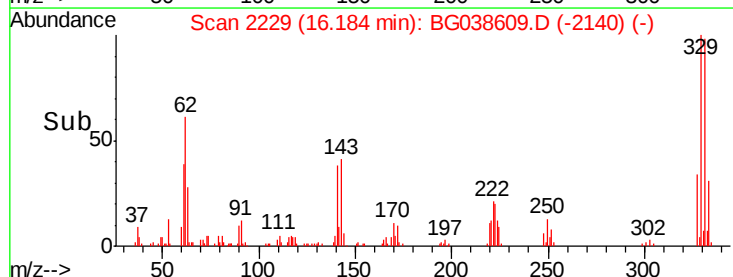
141 36.0 28.8 43.2

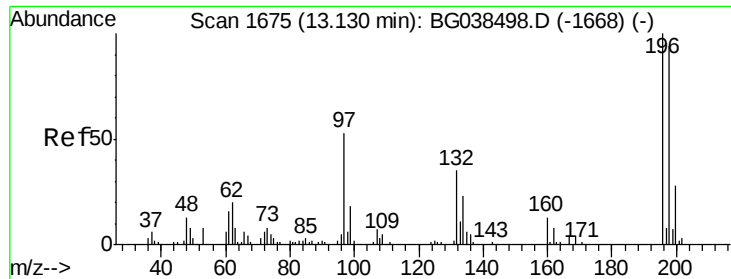


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

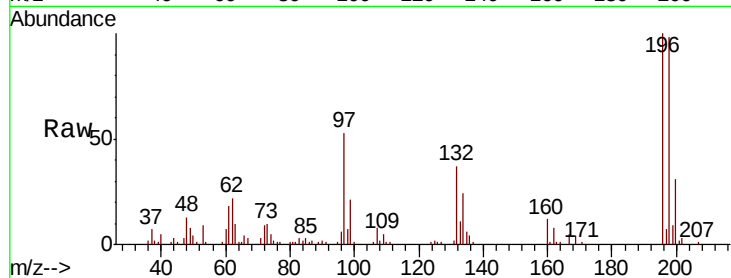




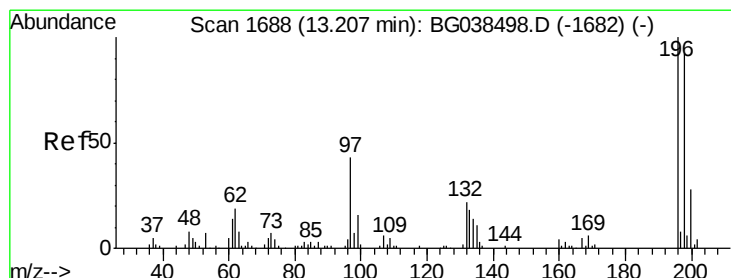
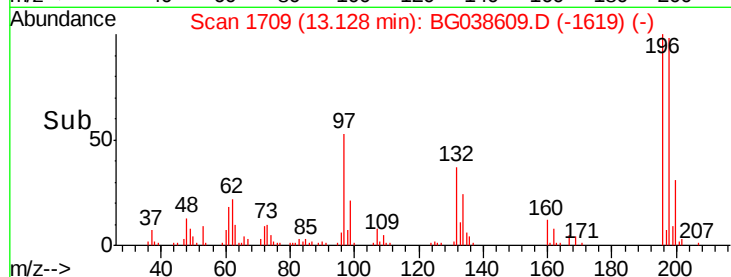
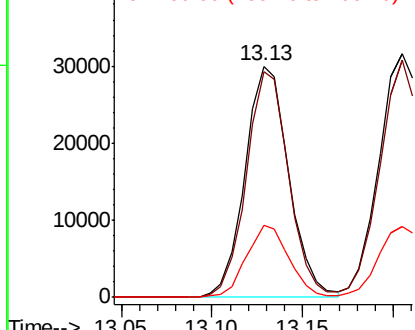
#43
 2,4,6-Trichlorophenol
 Concen: 37.451 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:196 Resp: 50519
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.0 112.4
 200 31.2 22.4 33.6

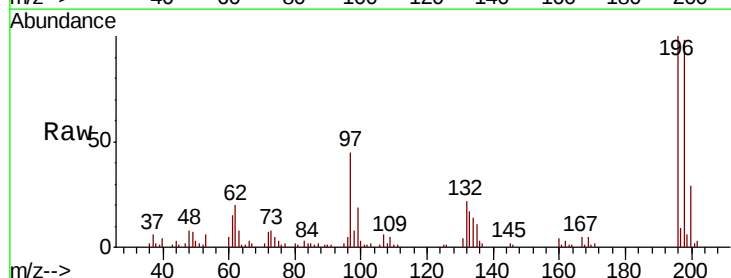


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

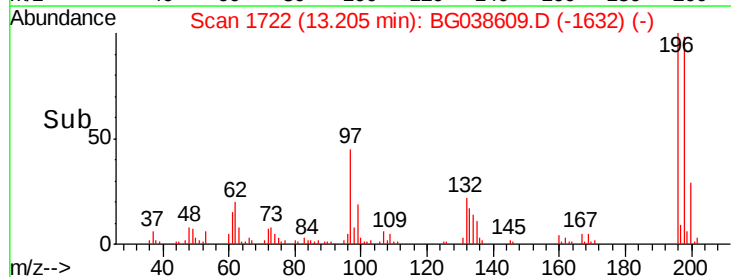
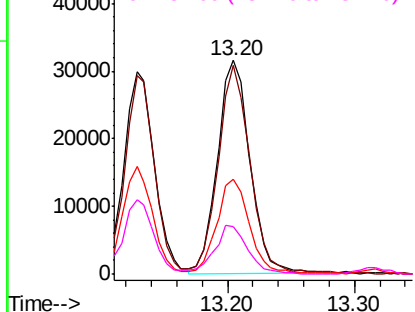


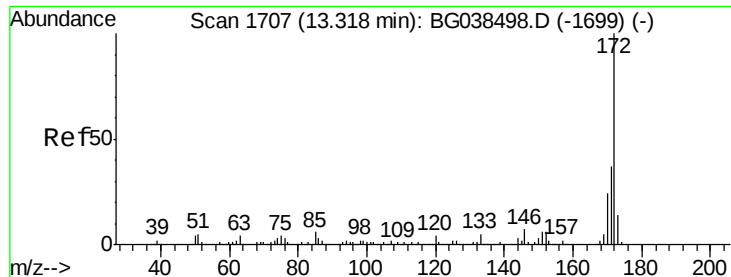
#44
 2,4,5-Trichlorophenol
 Concen: 39.132 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:196 Resp: 55889
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.0 111.0
 97 44.6 35.1 52.7
 132 21.9 18.0 27.0



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

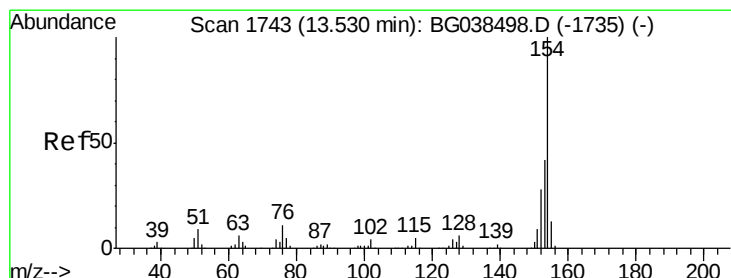
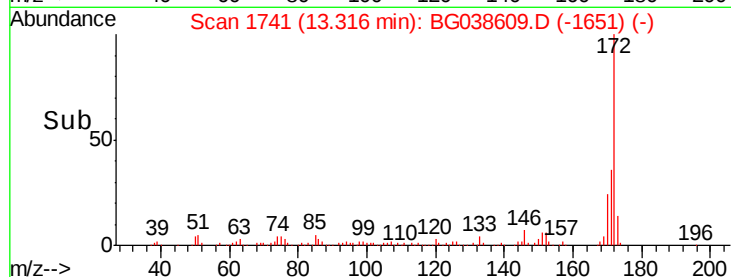
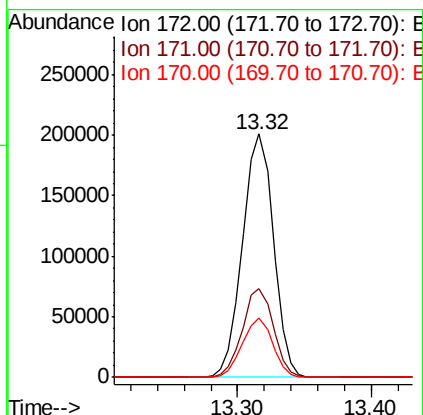
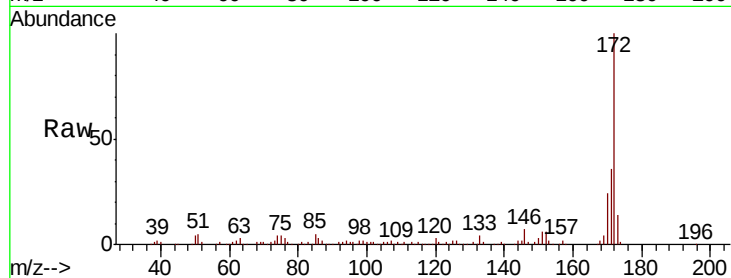




#45
2-Fluorobiphenyl
Concen: 75.227 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

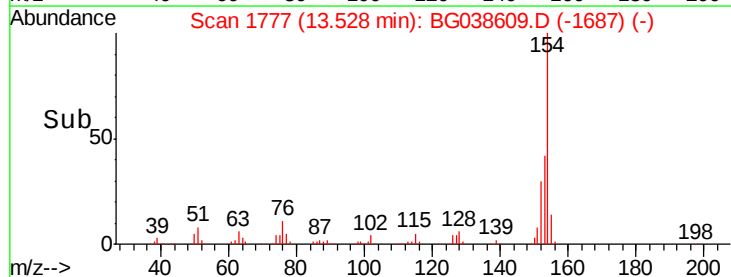
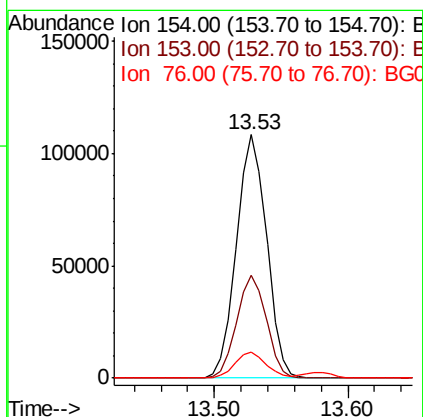
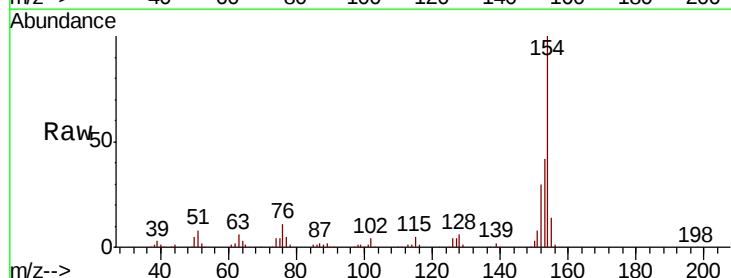
Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tgt Ion:172 Resp: 321844
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.5 19.5 29.3



#46
1,1'-Biphenyl
Concen: 34.463 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:154 Resp: 169569
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 11.0 0.0 31.2

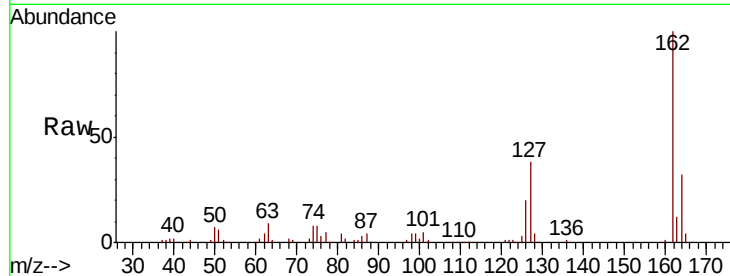




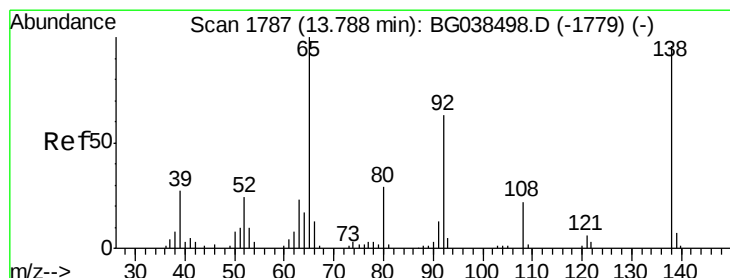
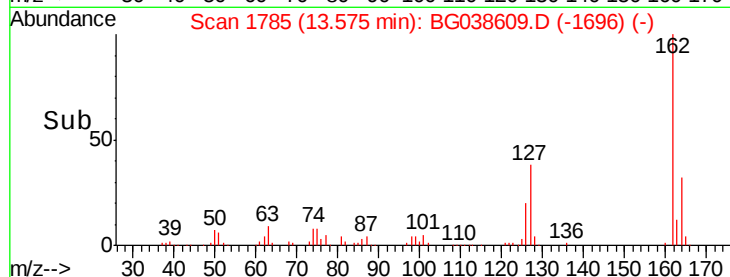
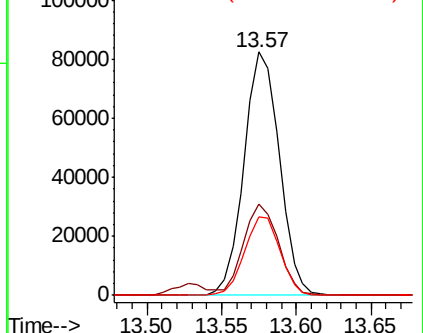
#47
 2-Chloronaphthalene
 Concen: 35.489 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion: 162 Resp: 134881
 Ion Ratio Lower Upper
 162 100
 127 37.8 27.8 41.8
 164 32.0 26.9 40.3

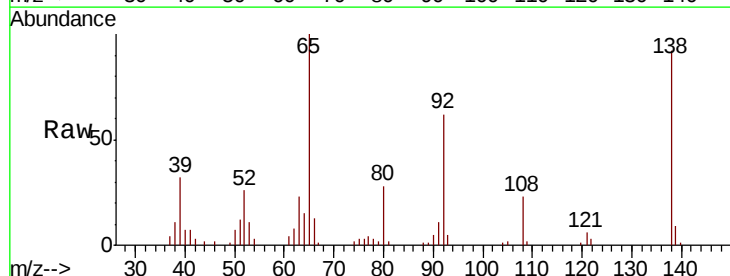


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

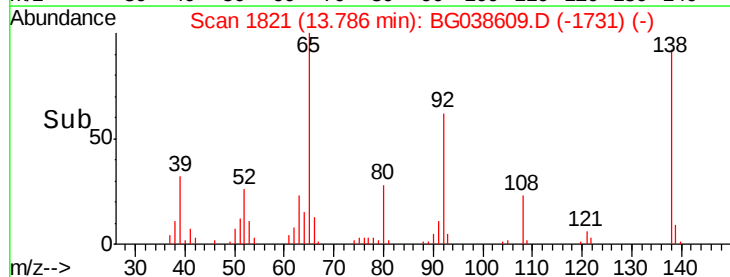
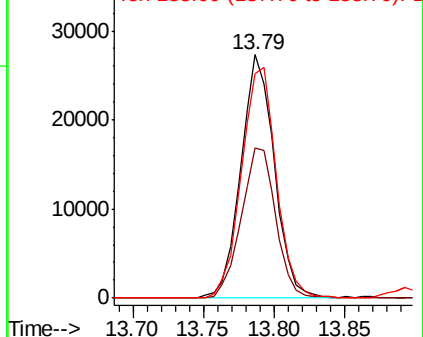


#48
 2-Nitroaniline
 Concen: 37.404 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion: 65 Resp: 45281
 Ion Ratio Lower Upper
 65 100
 92 61.6 50.0 75.0
 138 92.0 76.9 115.3



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





#49

Acenaphthylene

Concen: 38.733 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

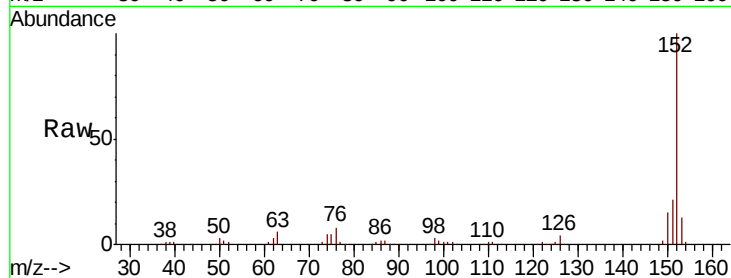
Tgt Ion:152 Resp: 220073

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

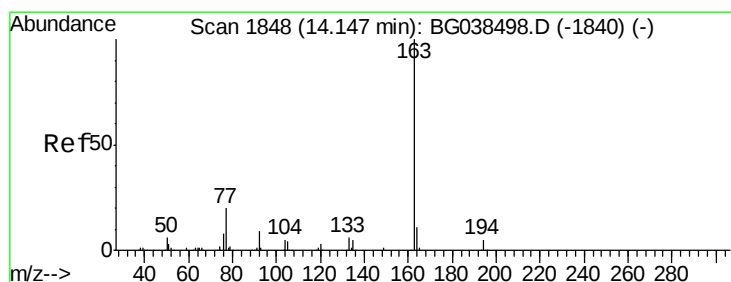
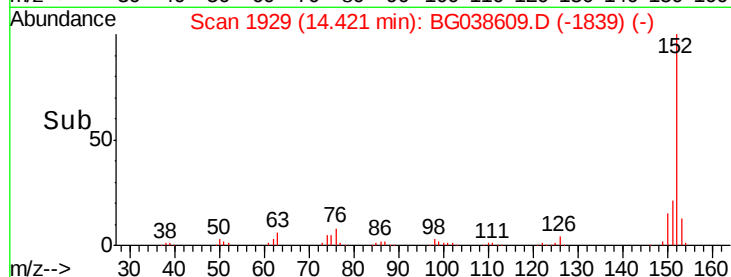
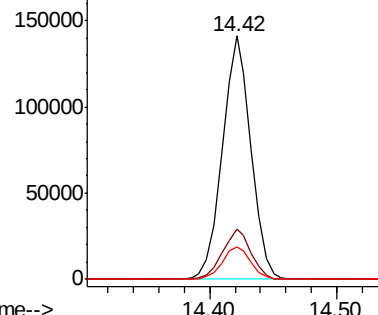
153 13.4 10.4 15.6



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: 37.824 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

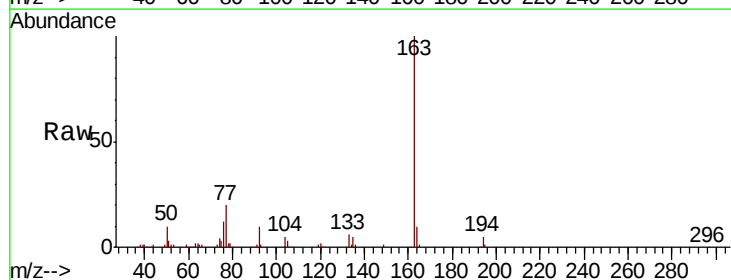
Tgt Ion:163 Resp: 181292

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

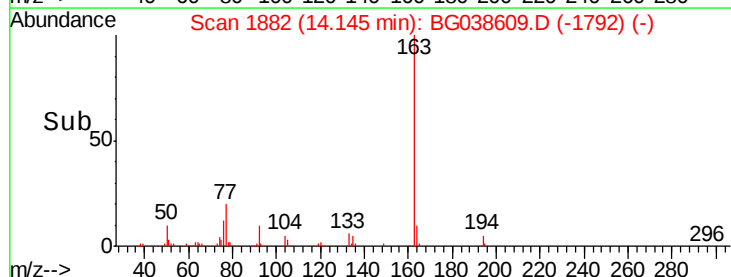
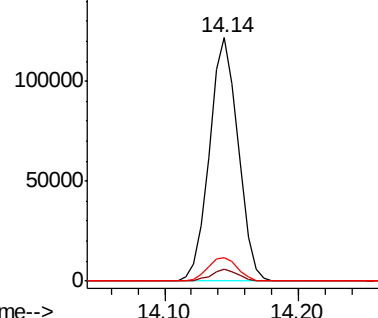
164 9.7 8.6 12.8

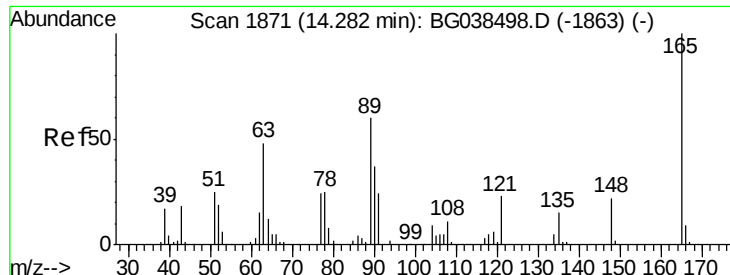


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

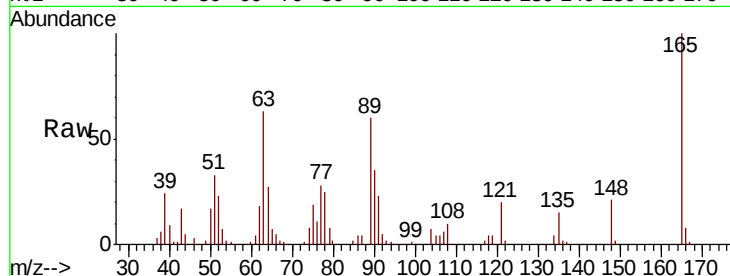




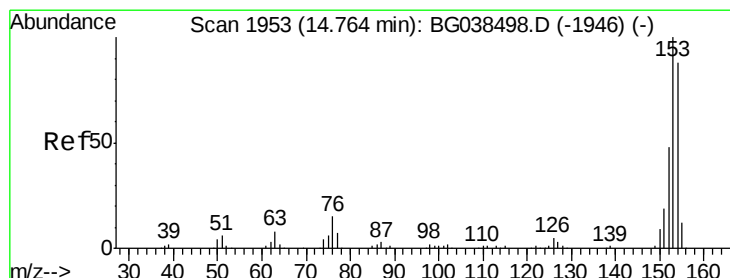
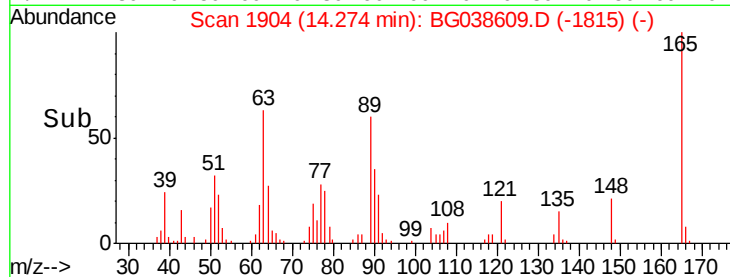
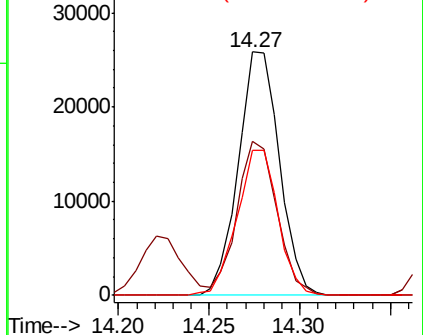
#51
 2,6-Dinitrotoluene
 Concen: 37.609 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:165 Resp: 40850
 Ion Ratio Lower Upper
 165 100
 63 63.4 51.8 77.6
 89 59.6 47.9 71.9

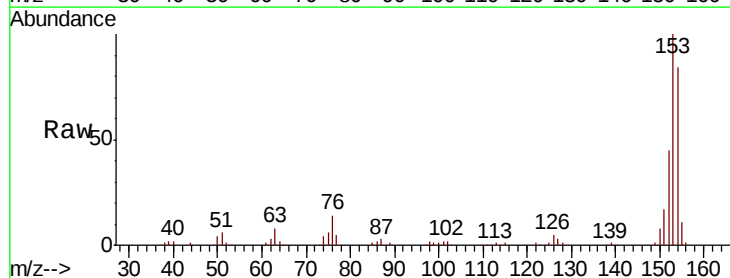


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

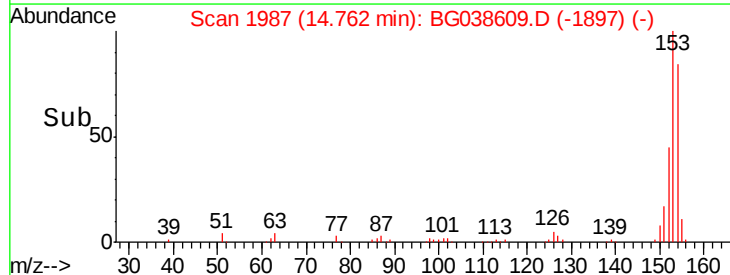
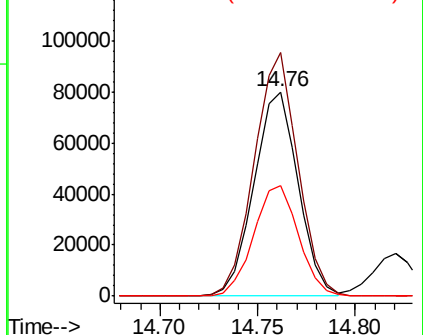


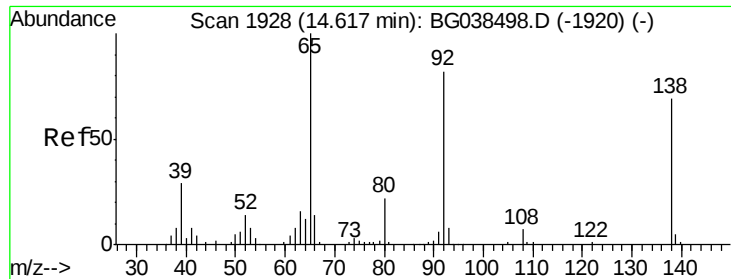
#52
 Acenaphthene
 Concen: 36.852 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:154 Resp: 125207
 Ion Ratio Lower Upper
 154 100
 153 119.4 90.6 136.0
 152 54.3 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

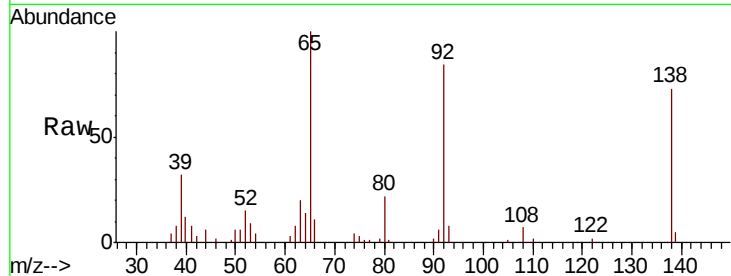




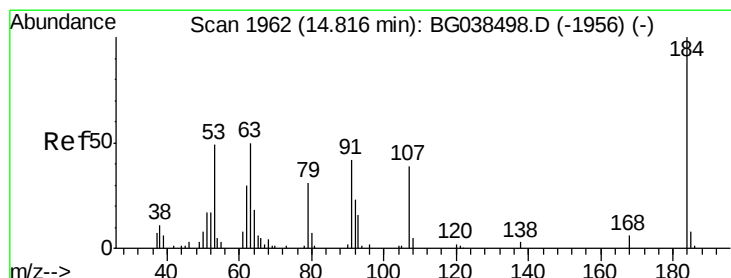
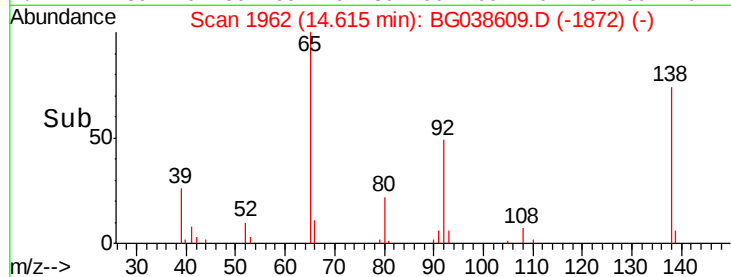
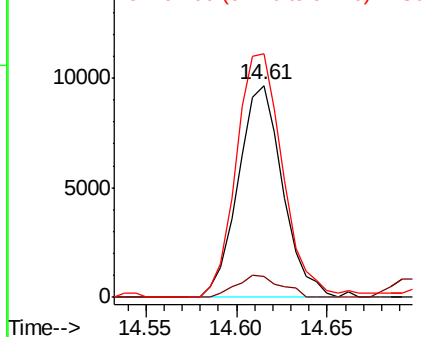
#53
 3-Nitroaniline
 Concen: 14.918 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:138 Resp: 16518
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.9 11.9
 92 115.1 95.3 142.9

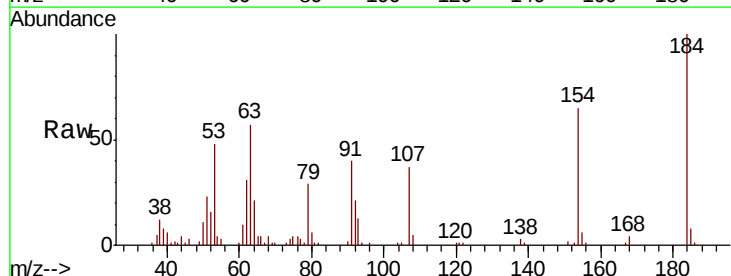


Abundance Ion 138.00 (137.70 to 138.70): E
 15000 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

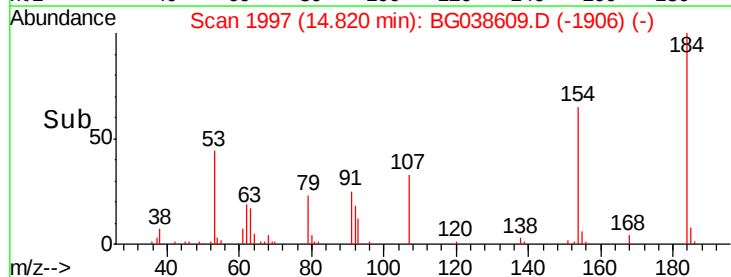
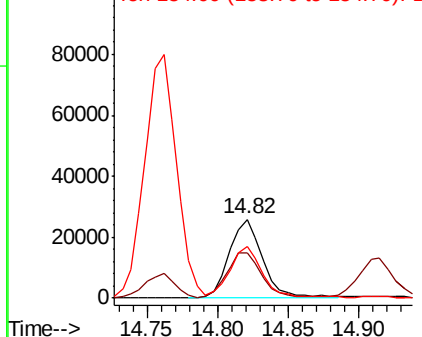


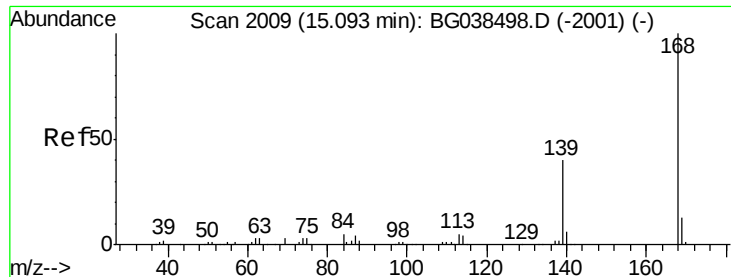
#54
 2,4-Dinitrophenol
 Concen: 67.155 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:184 Resp: 42826
 Ion Ratio Lower Upper
 184 100
 63 57.0 47.0 70.6
 154 65.1 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
 100000 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

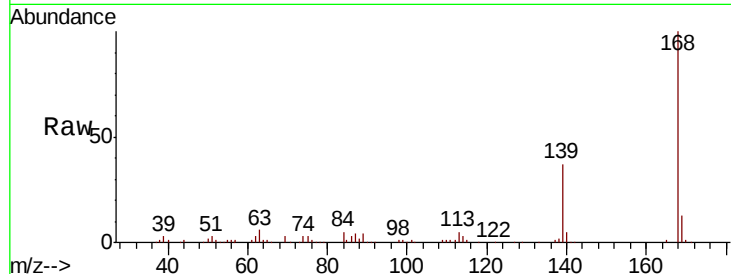




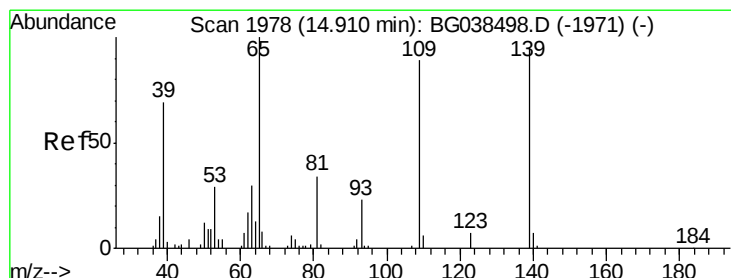
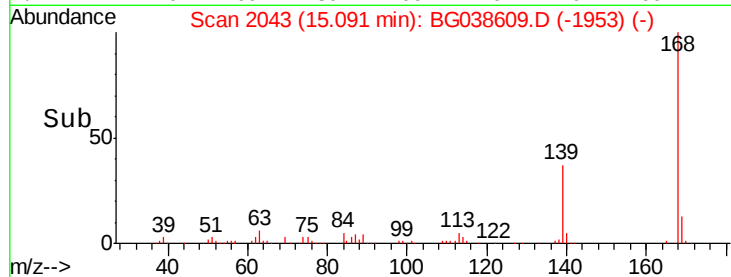
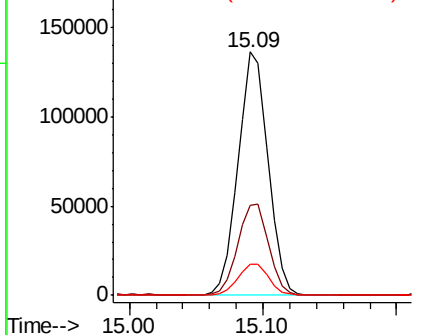
#55
Dibenzenofuran
Concen: 36.263 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tgt Ion:168 Resp: 211190
Ion Ratio Lower Upper
168 100
139 37.1 32.2 48.2
169 12.9 10.6 16.0

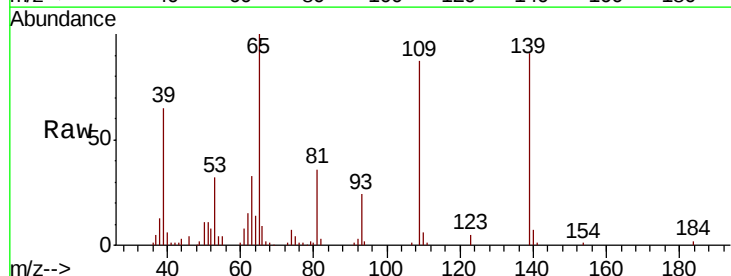


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

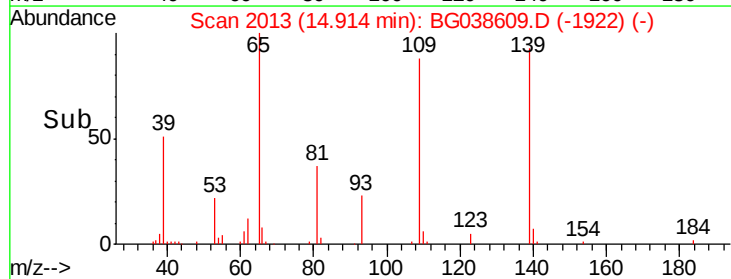
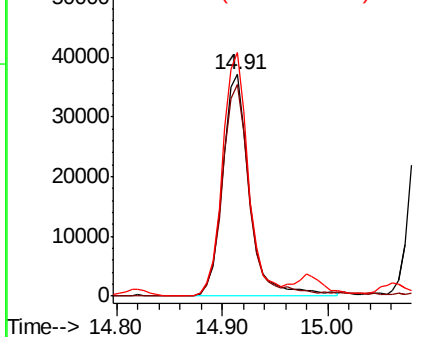


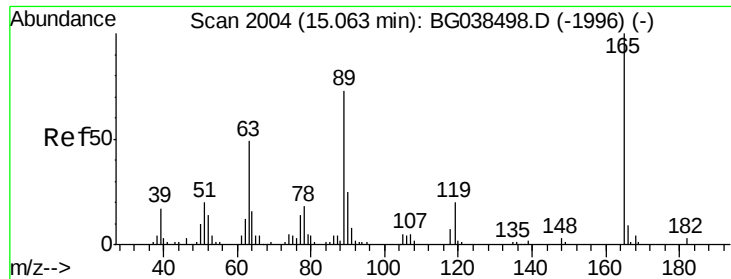
#56
4-Nitrophenol
Concen: 77.835 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:139 Resp: 65379
Ion Ratio Lower Upper
139 100
109 95.4 73.6 113.6
65 110.0 84.8 124.8



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

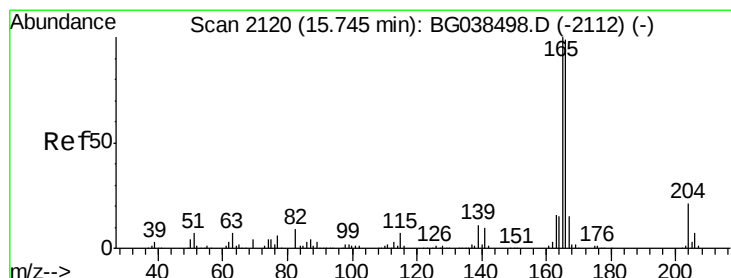
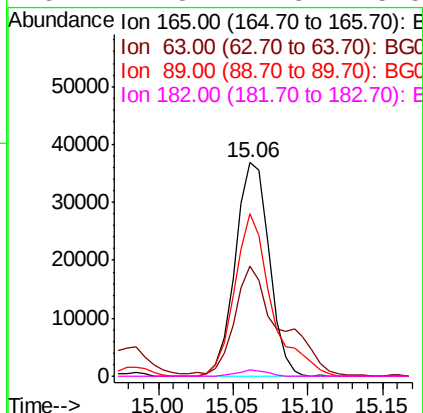
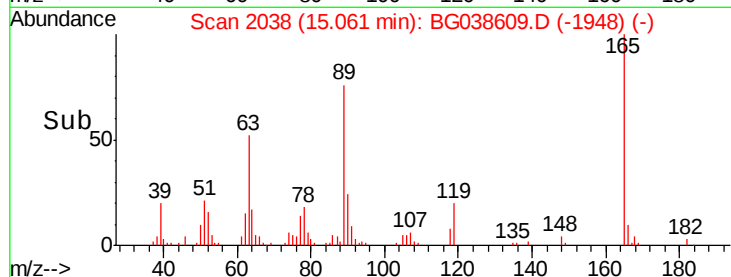
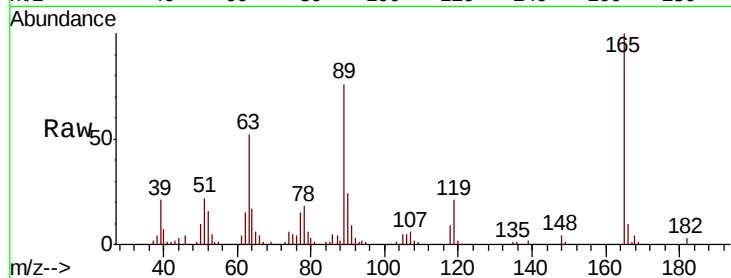




#57
2,4-Dinitrotoluene
Concen: 38.112 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

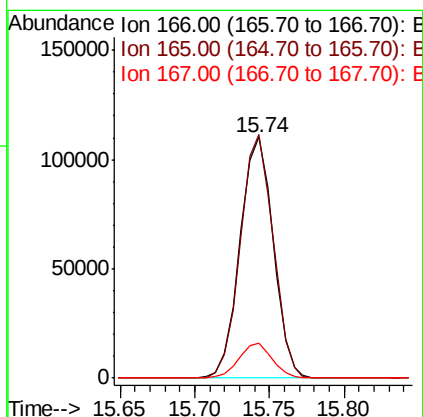
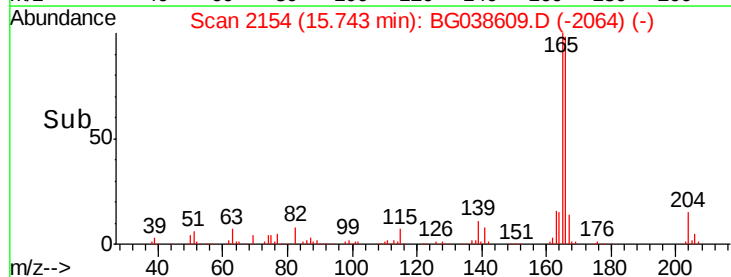
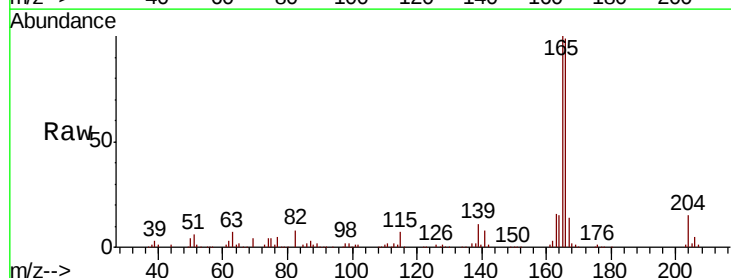
Instrument :
BNA_G
ClientSampleId :
PB115540BS

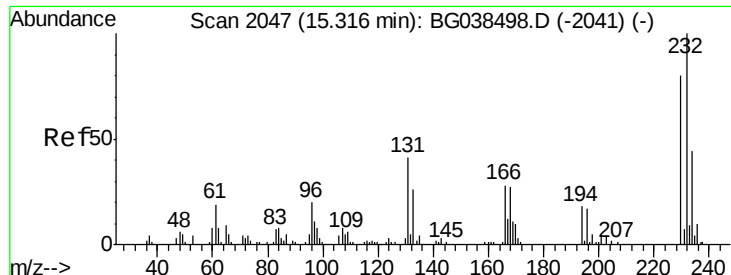
Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	39.0	58.4
89	76.0	58.0	87.0
182	2.8	2.3	3.5



#58
Fluorene
Concen: 39.548 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.6	120.8
167	14.6	12.0	18.0

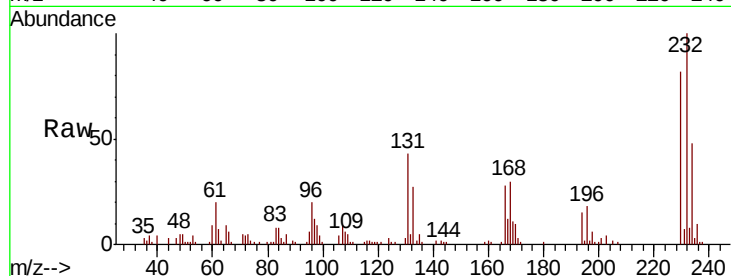




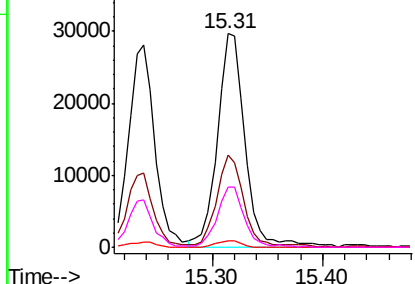
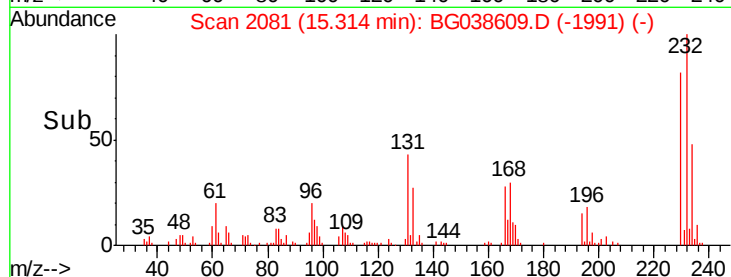
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.359 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion: 232 Resp: 51860
 Ion Ratio Lower Upper
 232 100
 131 42.7 33.0 49.4
 130 2.6 2.0 3.0
 166 27.8 23.1 34.7

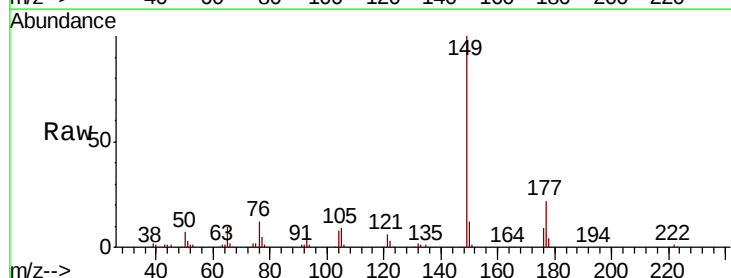


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

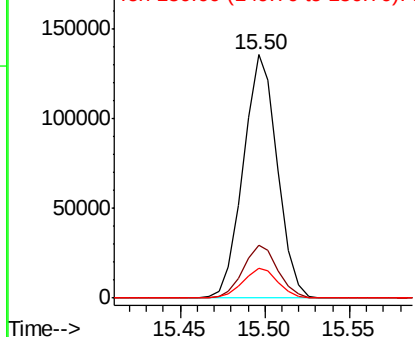
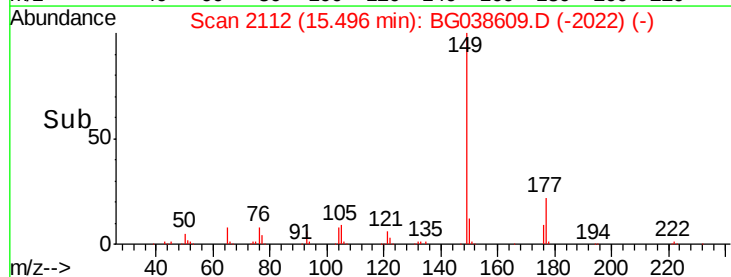


#60
 Diethylphthalate
 Concen: 36.030 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion: 149 Resp: 189579
 Ion Ratio Lower Upper
 149 100
 177 21.8 17.7 26.5
 150 12.2 9.9 14.9



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

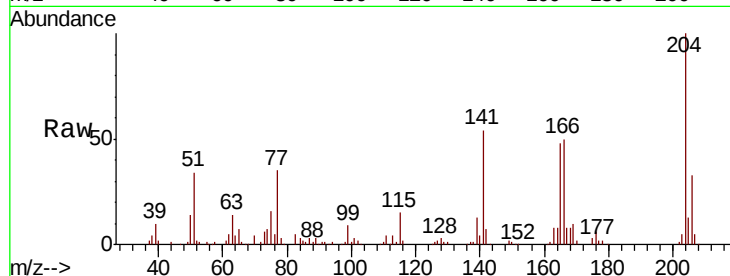




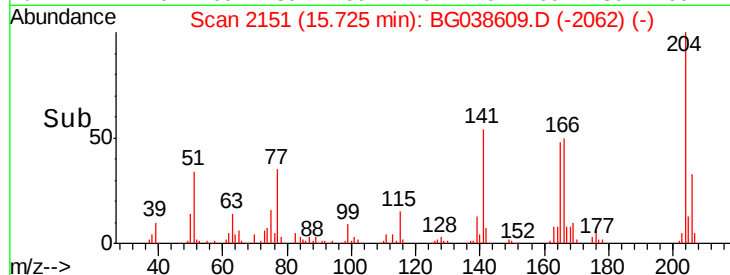
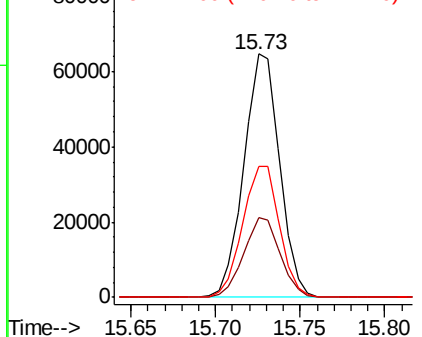
#61
4-Chlorophenyl-phenylether
Concen: 35.449 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Instrument :
BNA_G
ClientSampleId :
PB115540BS

Tgt Ion: 204 Resp: 95435
Ion Ratio Lower Upper
204 100
206 32.6 26.0 39.0
141 53.9 44.4 66.6

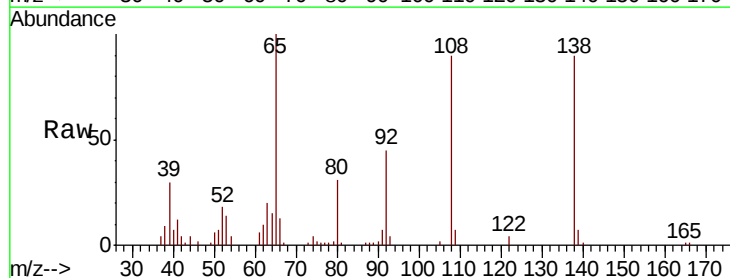


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

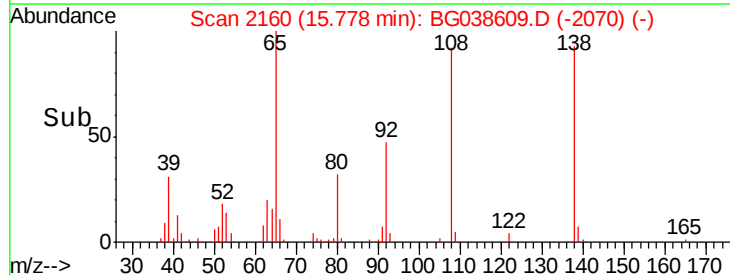
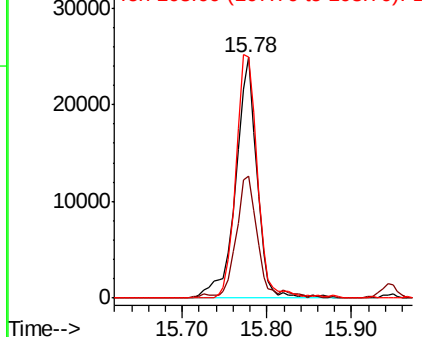


#62
4-Nitroaniline
Concen: 37.435 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion: 138 Resp: 42672
Ion Ratio Lower Upper
138 100
92 50.5 33.3 73.3
108 100.1 81.4 121.4



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





#63

Azobenzene

Concen: 37.492 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tgt Ion: 77 Resp: 164796

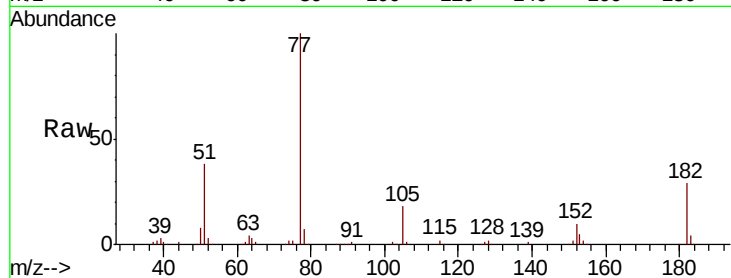
Ion Ratio Lower Upper

77 100

182 28.6 8.7 48.7

105 18.0 0.0 38.7

51 38.0 16.6 56.6

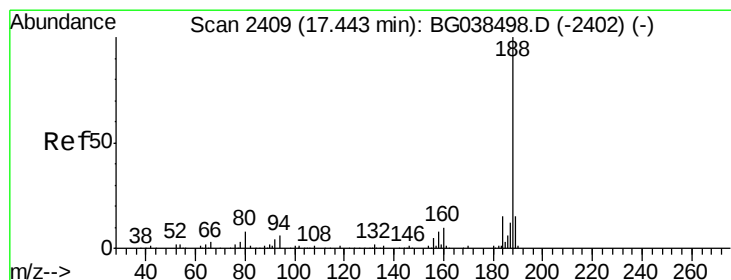
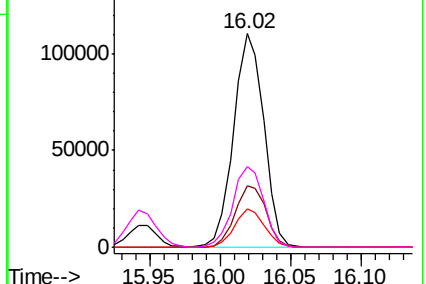
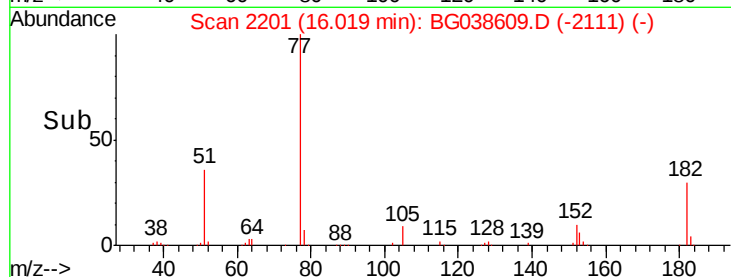


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

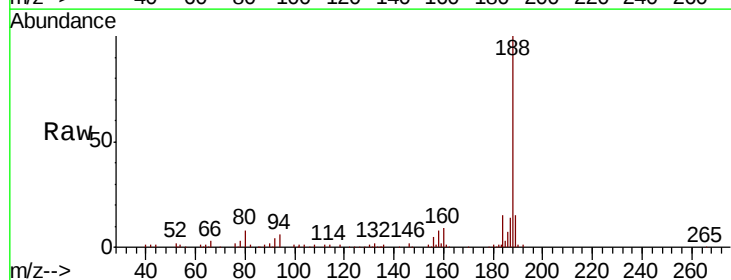
Tgt Ion: 188 Resp: 147735

Ion Ratio Lower Upper

188 100

94 6.2 5.1 7.7

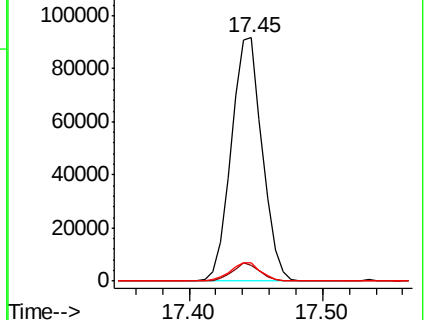
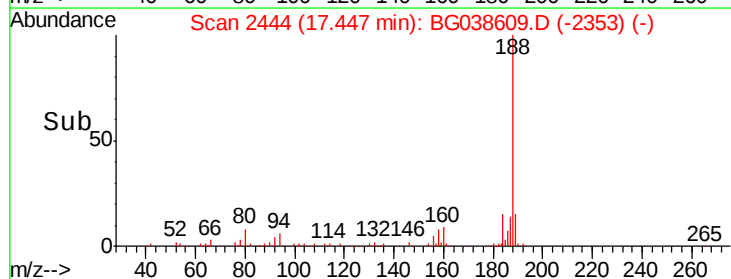
80 7.5 6.1 9.1



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

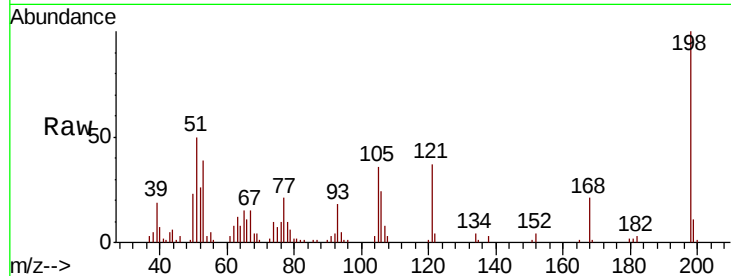




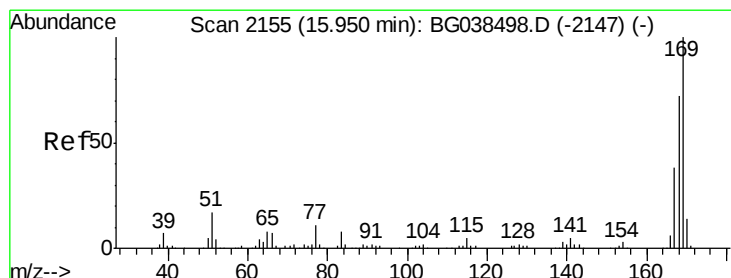
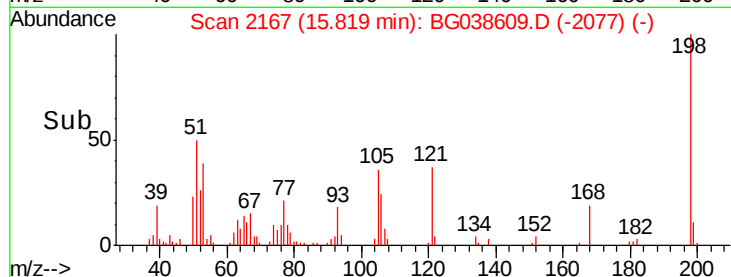
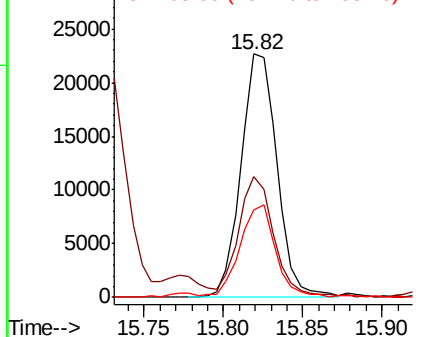
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.980 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:198 Resp: 35810
 Ion Ratio Lower Upper
 198 100
 51 49.8 28.6 68.6
 105 35.8 20.4 60.4

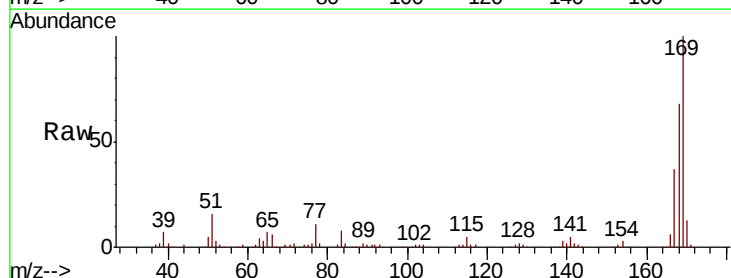


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

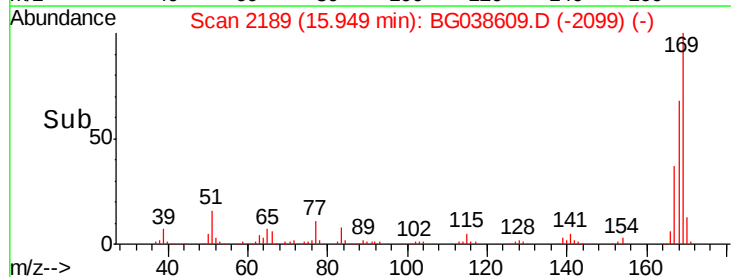
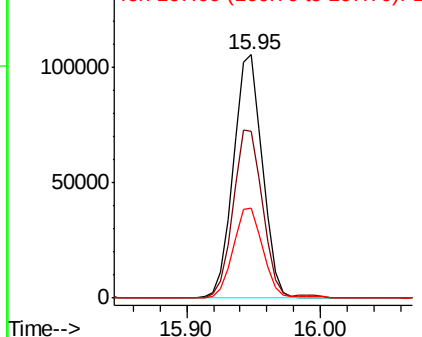


#66
 n-Nitrosodiphenylamine
 Concen: 36.679 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:169 Resp: 159214
 Ion Ratio Lower Upper
 169 100
 168 68.5 57.5 86.3
 167 37.1 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

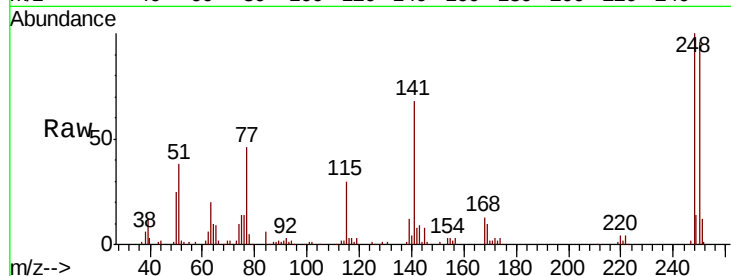




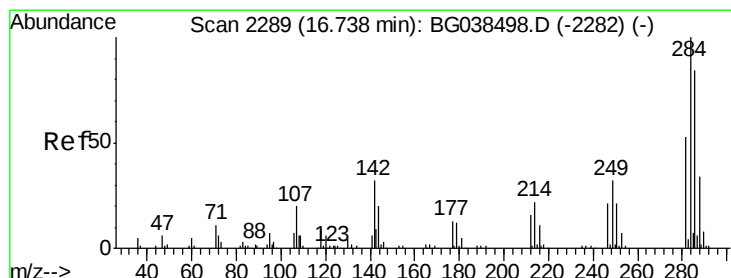
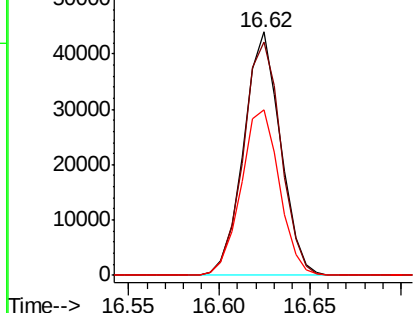
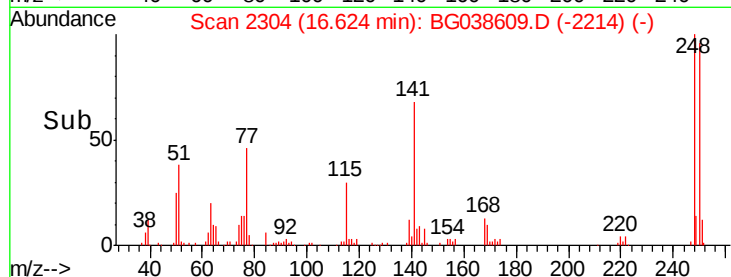
#67
 4-Bromophenyl-phenylether
 Concen: 34.298 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:248 Resp: 61883
 Ion Ratio Lower Upper
 248 100
 250 95.8 73.4 110.2
 141 68.1 52.9 79.3

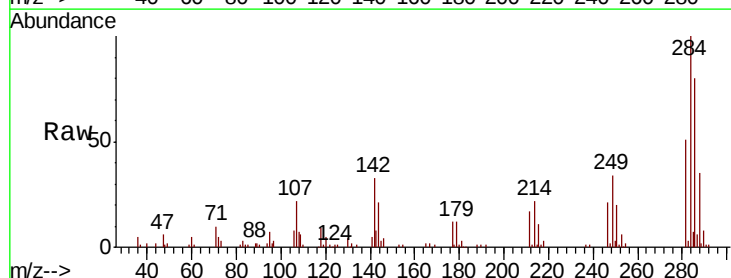


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

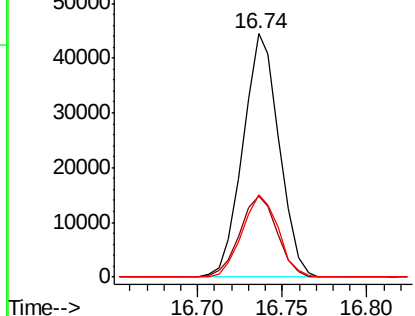
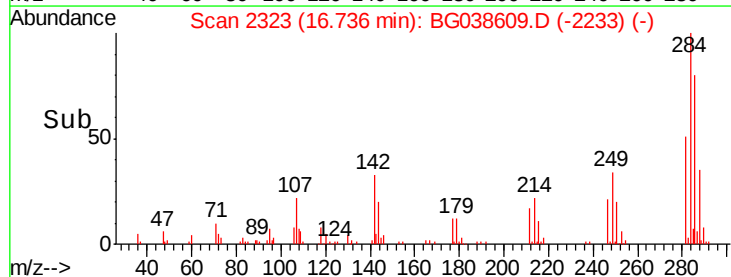


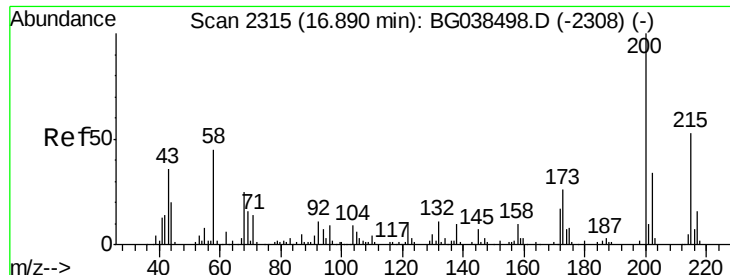
#68
 Hexachlorobenzene
 Concen: 35.440 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:284 Resp: 66285
 Ion Ratio Lower Upper
 284 100
 142 33.2 25.8 38.6
 249 36.6 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.414 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

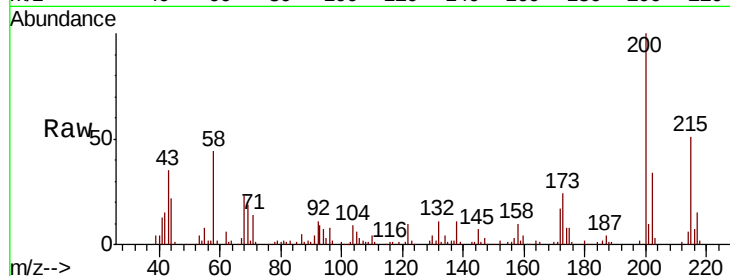
Tgt Ion:200 Resp: 66715

Ion Ratio Lower Upper

200 100

173 23.7 5.9 45.9

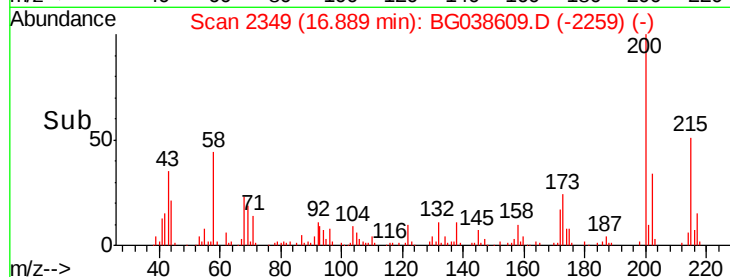
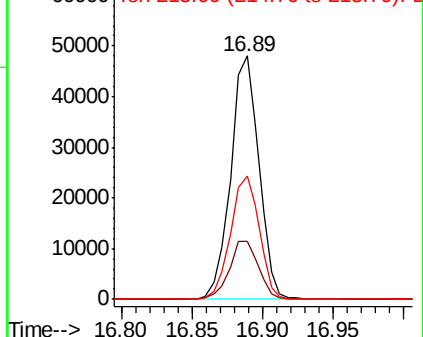
215 50.7 33.1 73.1



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: 64.252 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

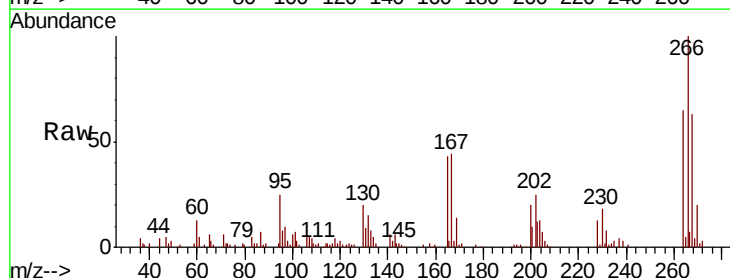
Tgt Ion:266 Resp: 71080

Ion Ratio Lower Upper

266 100

268 67.3 55.0 82.6

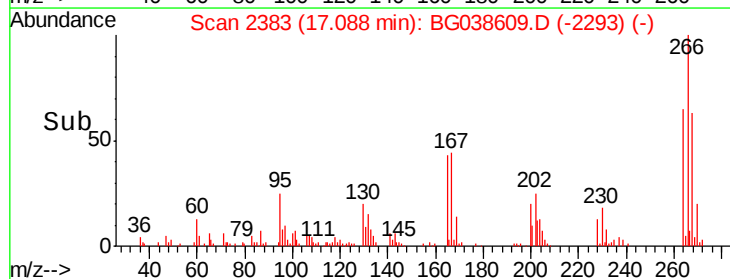
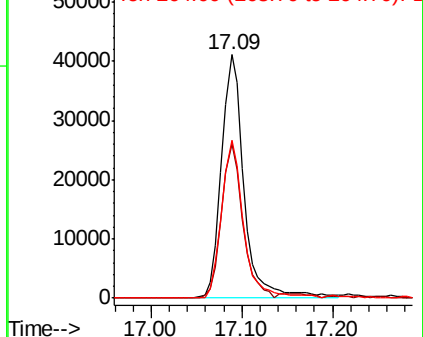
264 69.7 56.7 85.1

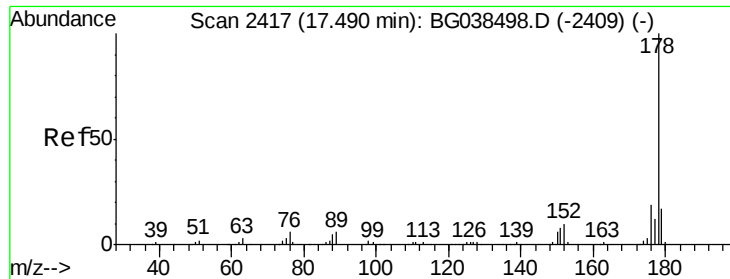


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

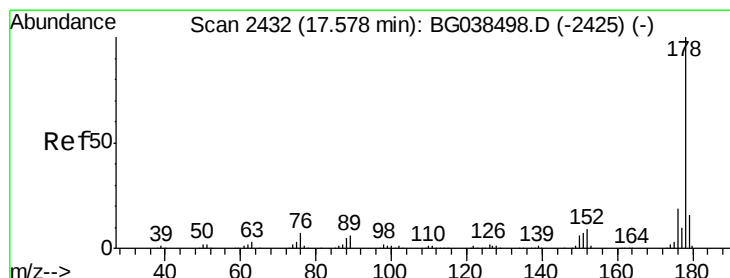
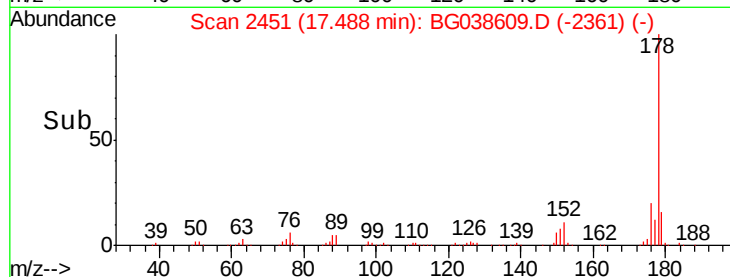
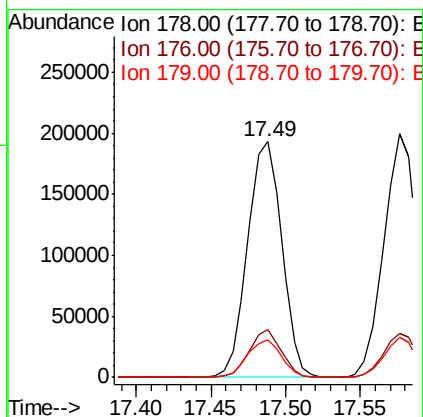
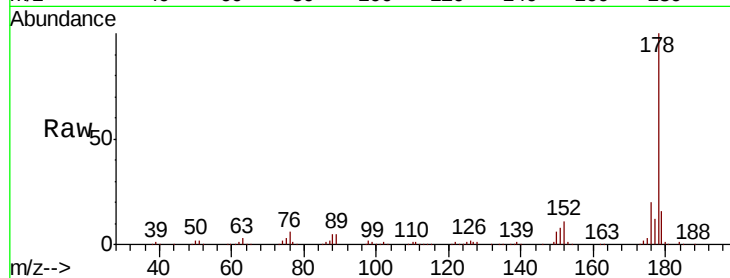




#71
 Phenanthrene
 Concen: 39.801 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

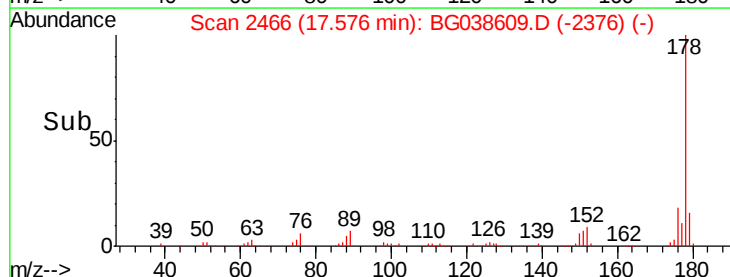
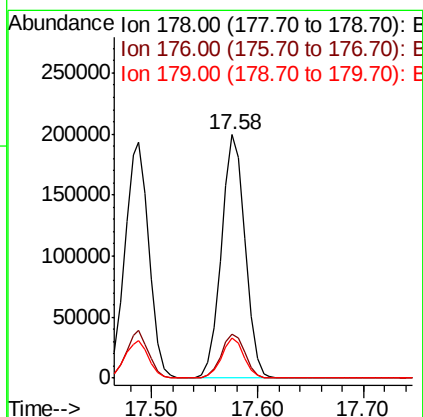
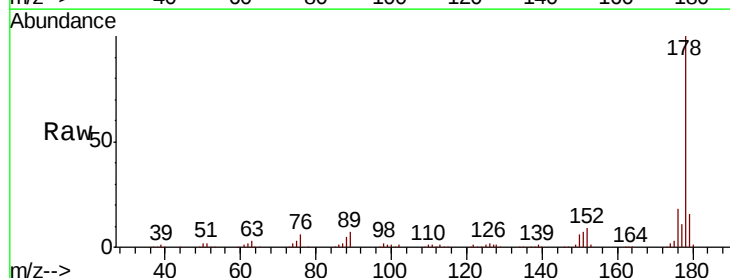
Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:178 Resp: 304918
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.1 22.7
 179 15.9 13.2 19.8



#72
 Anthracene
 Concen: 41.086 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:178 Resp: 310733
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.1 22.7
 179 16.5 12.9 19.3

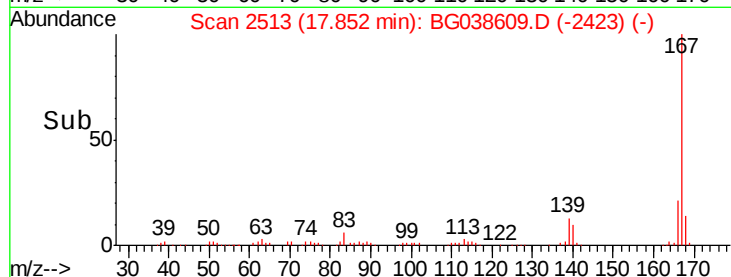
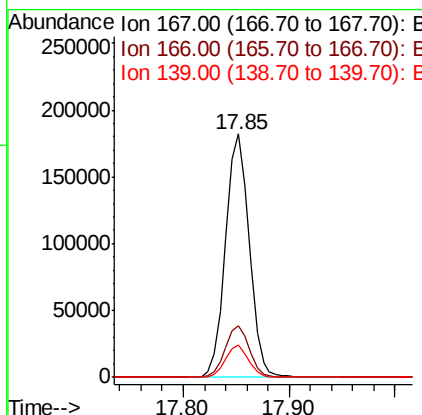
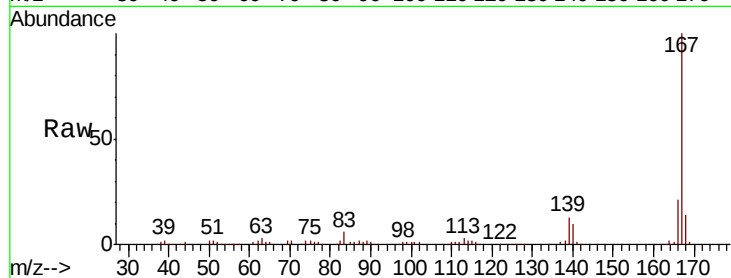




#73
 Carbazole
 Concen: 37.898 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

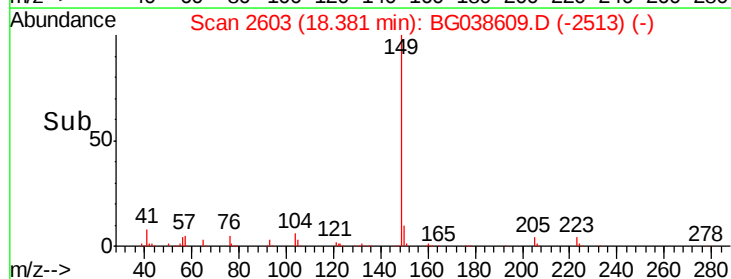
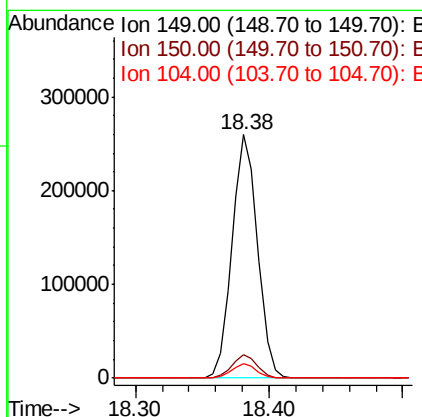
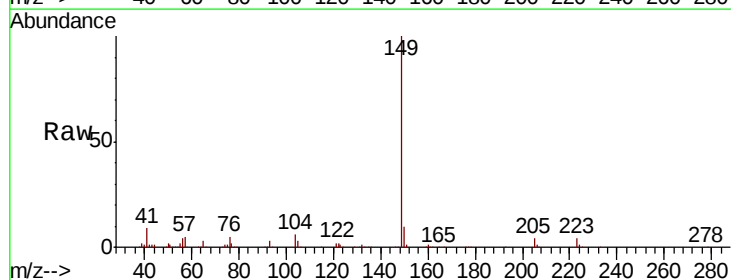
Instrument :
 BNA_G
 ClientSampleId :
 PB115540BS

Tgt Ion:	167	Resp:	283469
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.9	26.9
139	13.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 40.250 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038609.D
 Acq: 15 Dec 2018 18:08

Tgt Ion:	149	Resp:	345448
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 41.982 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

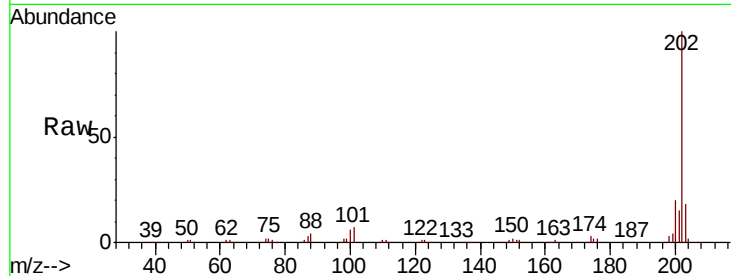
Tgt Ion:202 Resp: 397943

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.1

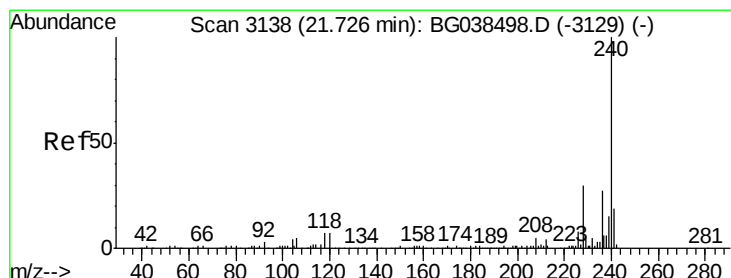
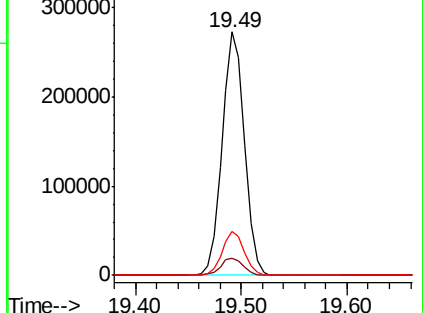
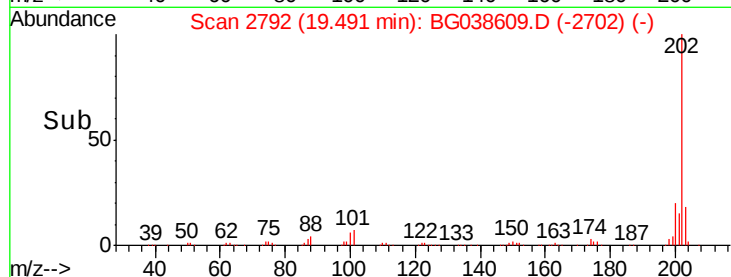
203 18.0 0.0 39.0



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: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

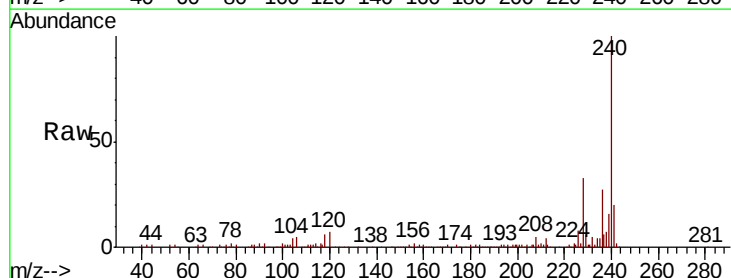
Tgt Ion:240 Resp: 157371

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

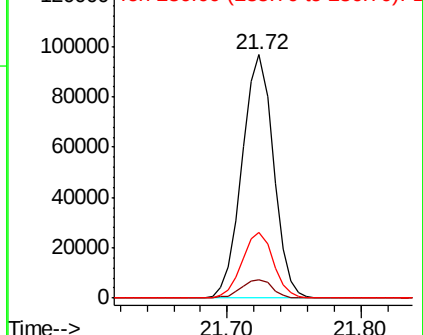
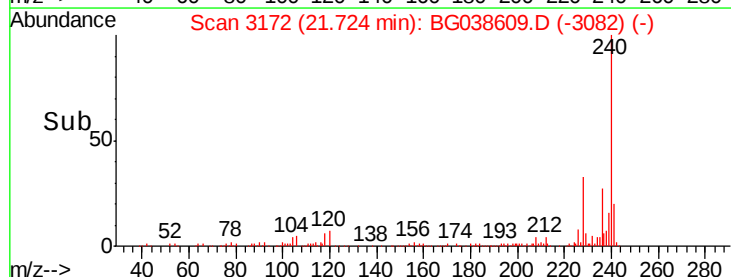
236 27.2 21.4 32.2

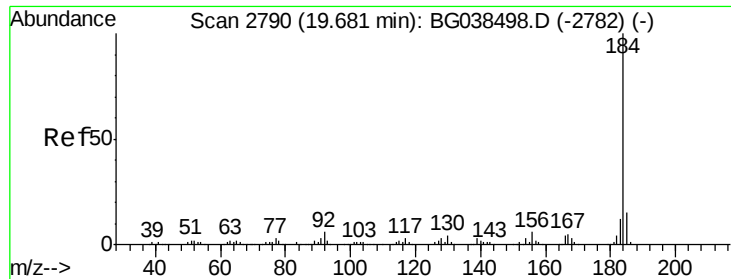


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.805 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

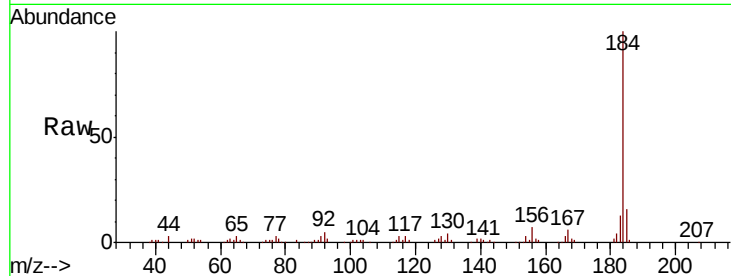
Tgt Ion:184 Resp: 87522

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

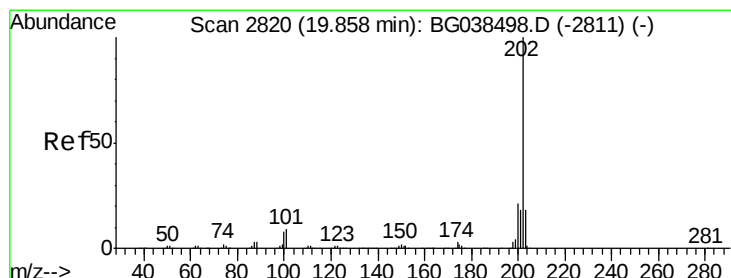
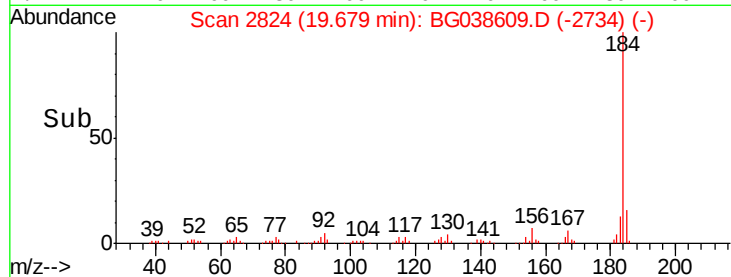
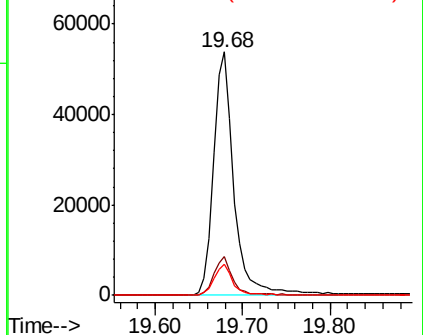
183 12.6 9.6 14.4



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: 38.515 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

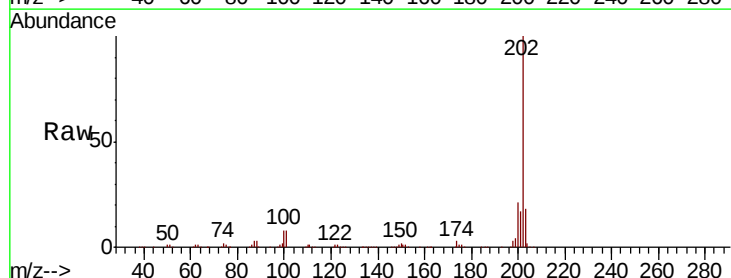
Tgt Ion:202 Resp: 400421

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

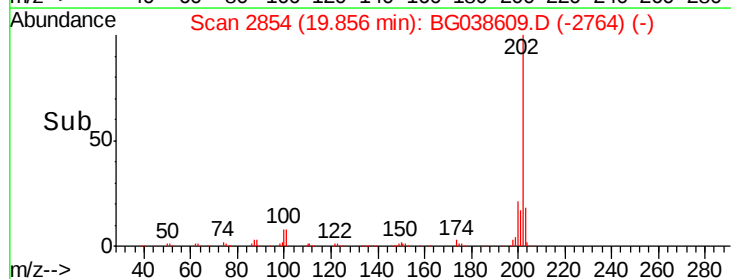
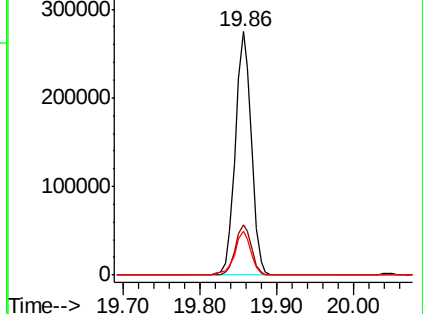
203 17.8 14.6 21.8

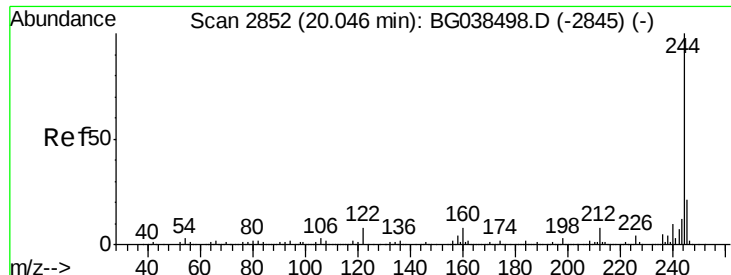


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.463 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

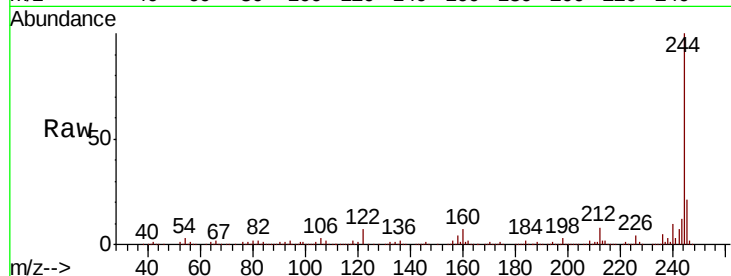
Tgt Ion:244 Resp: 589063

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

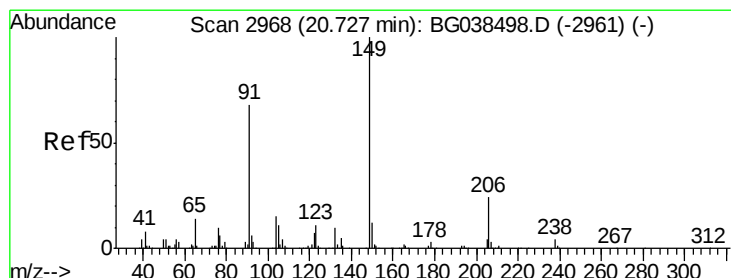
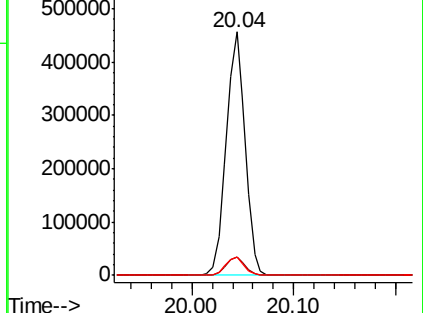
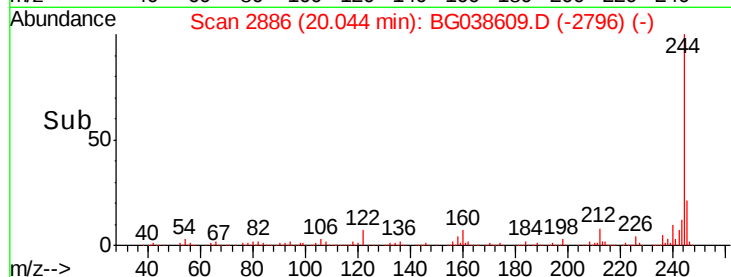
122 7.3 6.3 9.5



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: 38.770 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

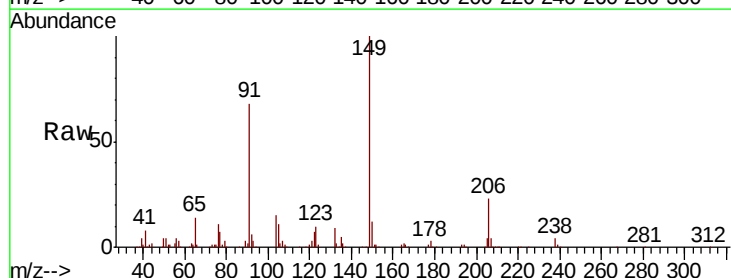
Tgt Ion:149 Resp: 157473

Ion Ratio Lower Upper

149 100

91 68.2 54.5 81.7

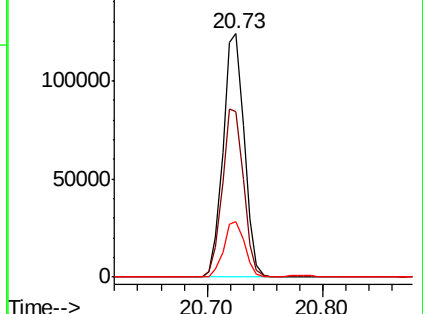
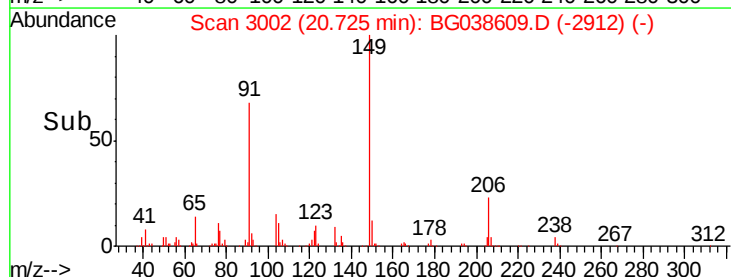
206 22.6 19.0 28.6

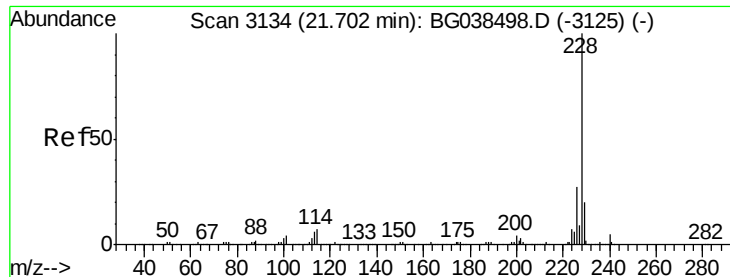


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.740 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

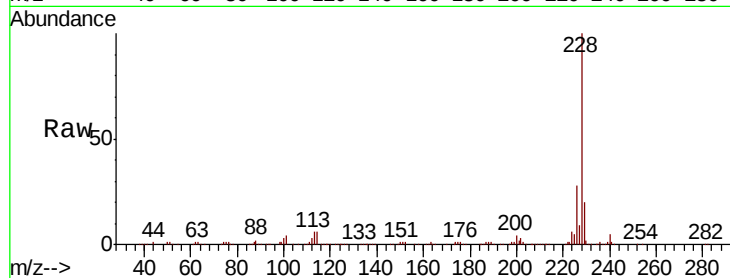
Tgt Ion:228 Resp: 390670

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

229 20.1 15.8 23.6

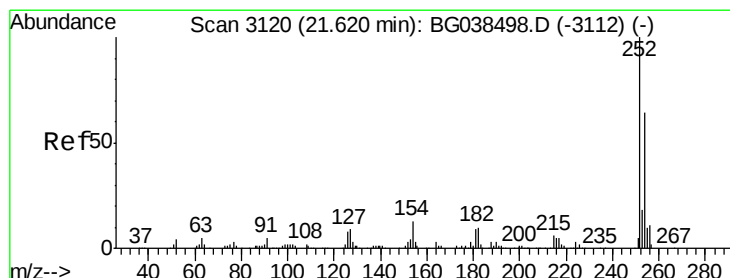
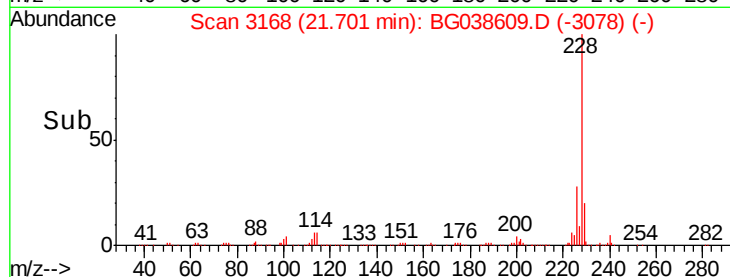
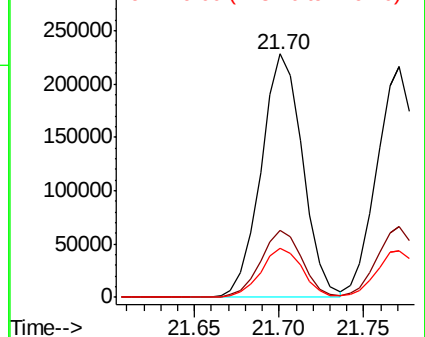


Abundance

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: 19.737 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

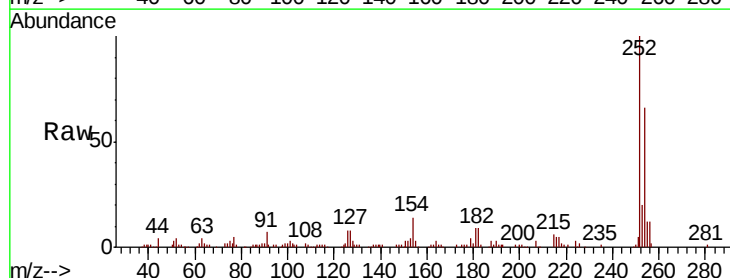
Tgt Ion:252 Resp: 75064

Ion Ratio Lower Upper

252 100

254 65.7 50.9 76.3

126 7.9 6.3 9.5

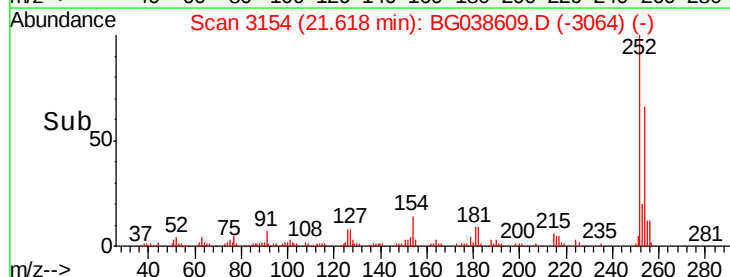
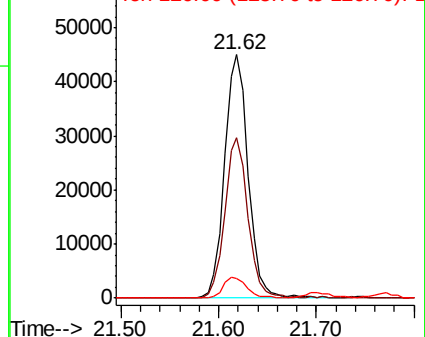


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.139 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

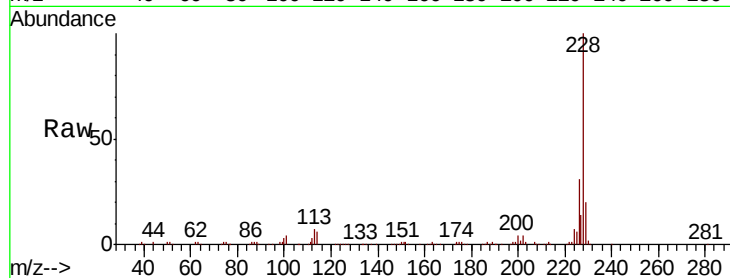
Tgt Ion:228 Resp: 361502

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.4

229 20.2 16.5 24.7

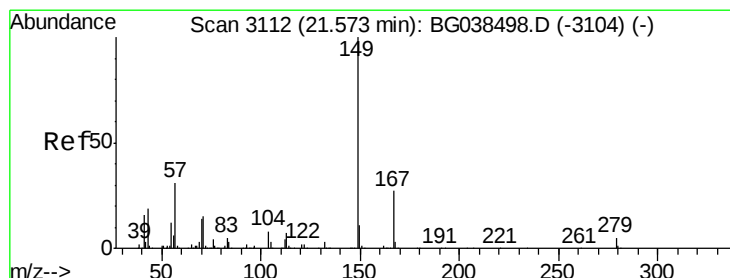
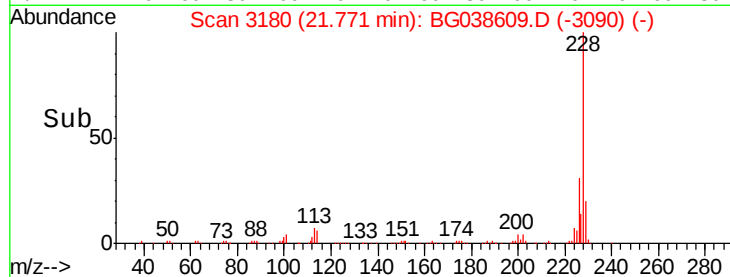
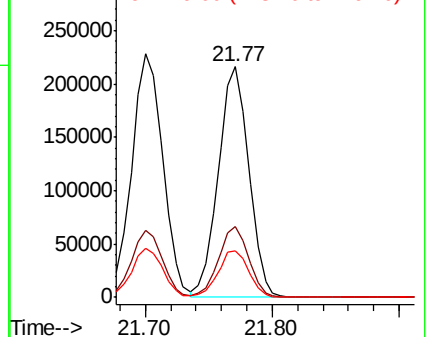


Abundance

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: 38.611 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

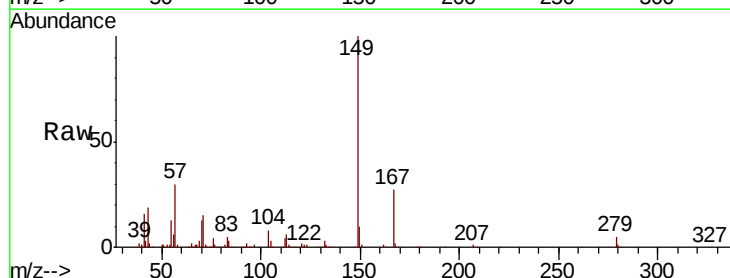
Tgt Ion:149 Resp: 222426

Ion Ratio Lower Upper

149 100

167 27.1 21.9 32.9

279 5.1 4.2 6.2

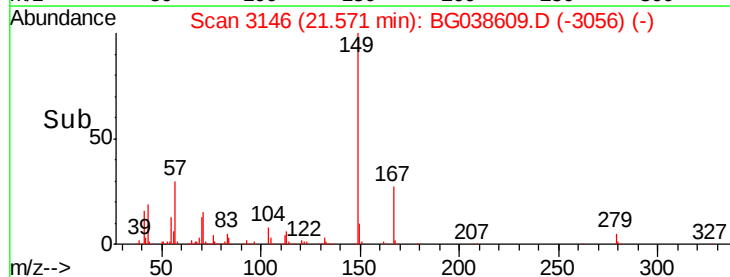
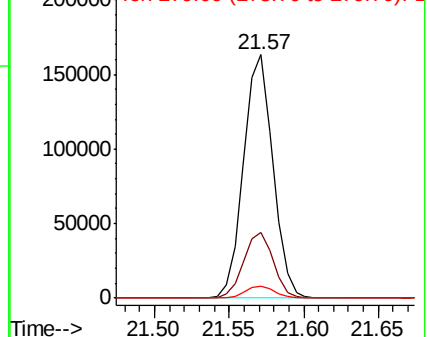


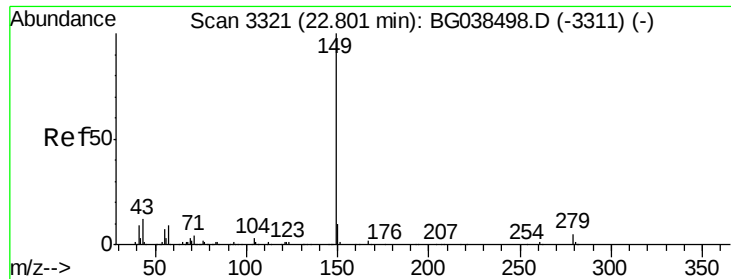
Abundance

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

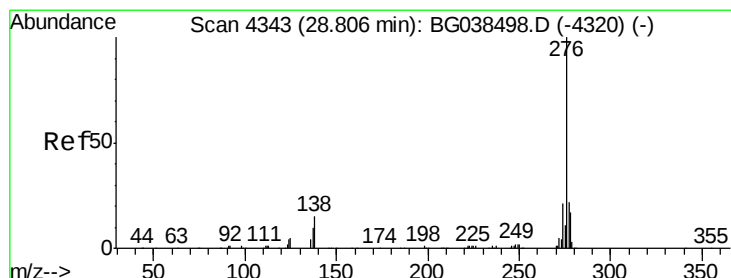
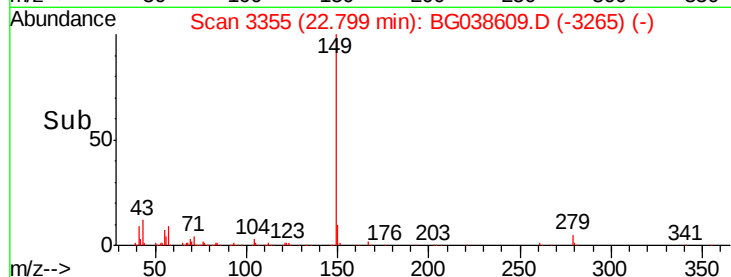
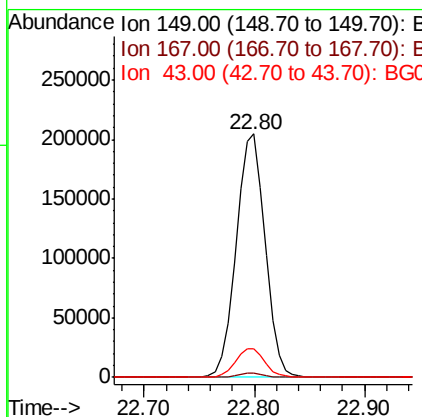
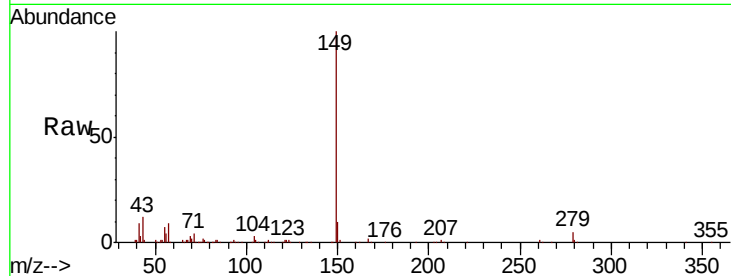




#85
Di-n-octyl phthalate
Concen: 38.983 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

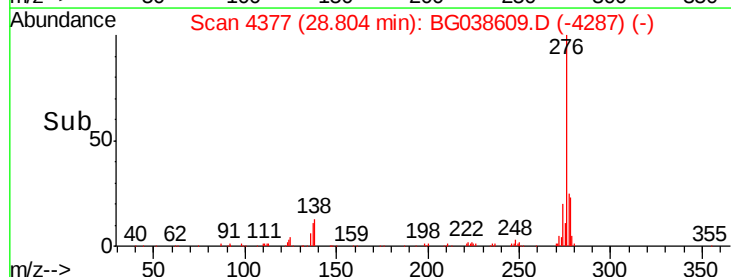
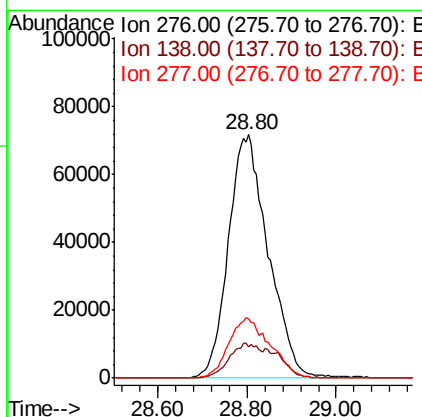
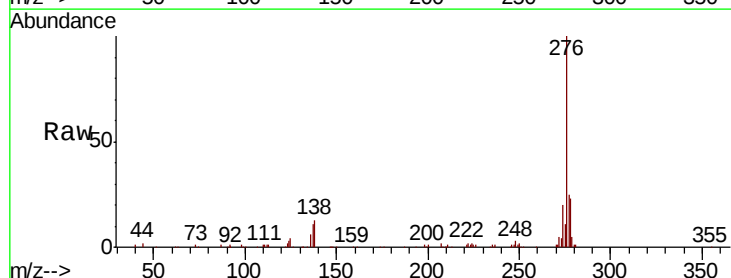
Instrument :
BNA_G
ClientSampleId :
PB115540BS

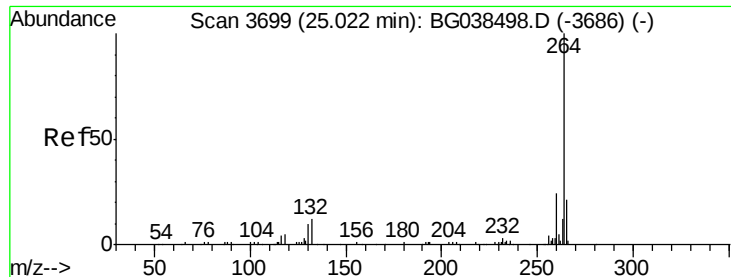
Tgt Ion:149 Resp: 376096
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.8 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.035 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038609.D
Acq: 15 Dec 2018 18:08

Tgt Ion:276 Resp: 445599
Ion Ratio Lower Upper
276 100
138 10.8 14.4 21.6#
277 25.7 0.0 0.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

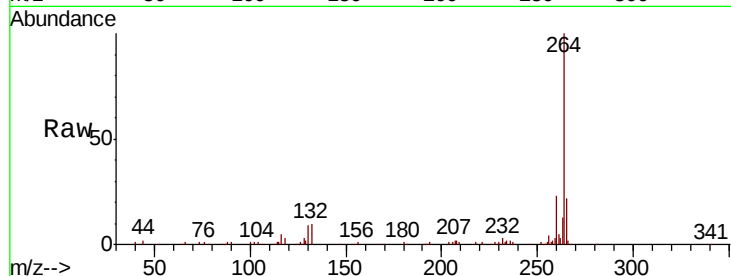
Tgt Ion:264 Resp: 170623

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.7 17.0 25.4

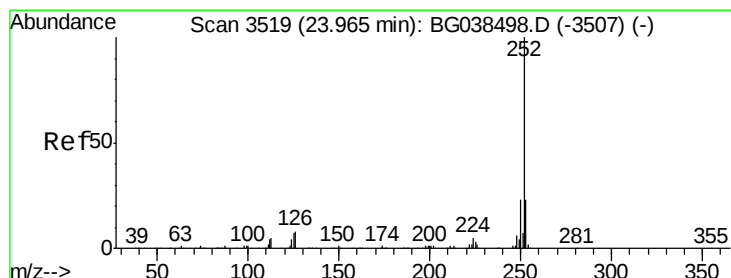
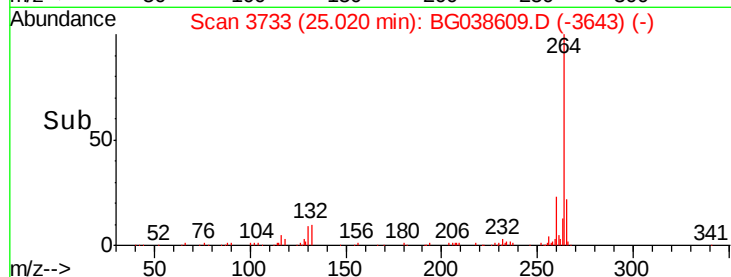
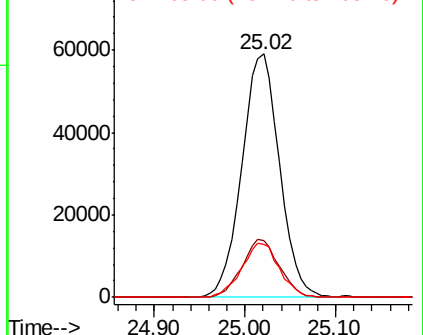


Abundance

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: 41.813 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

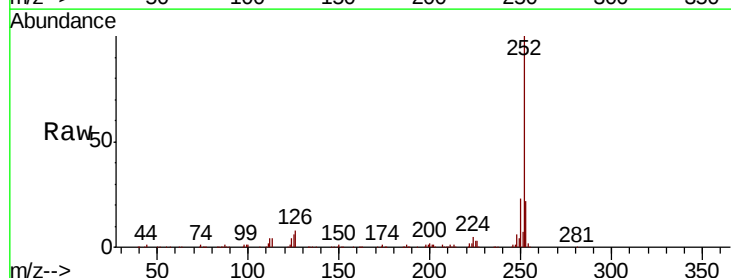
Tgt Ion:252 Resp: 391704

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 6.3 5.5 8.3

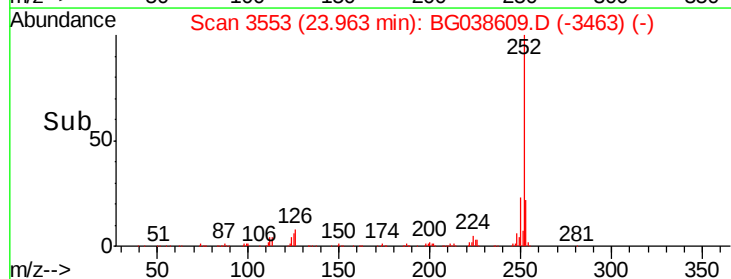
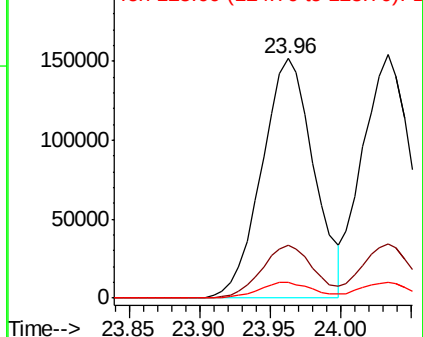


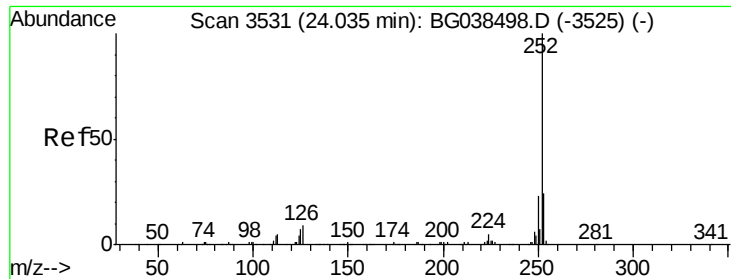
Abundance

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: 39.976 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

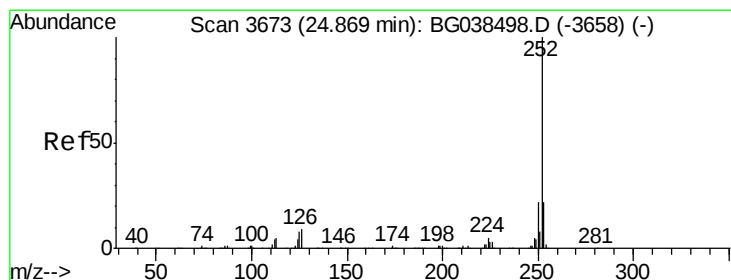
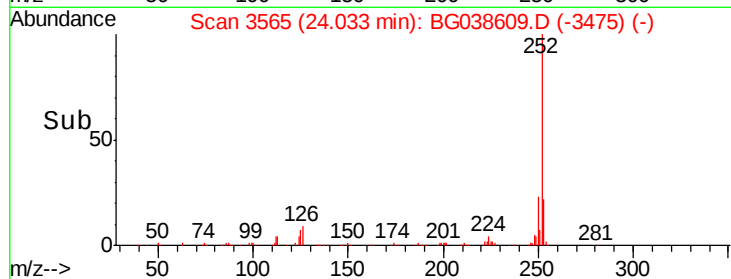
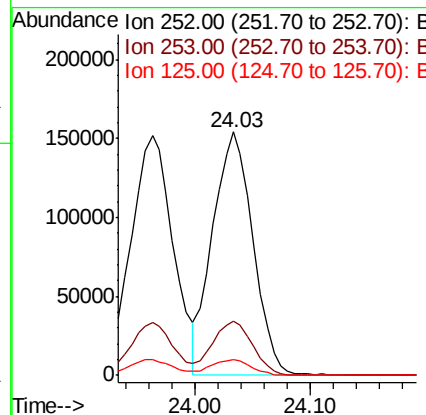
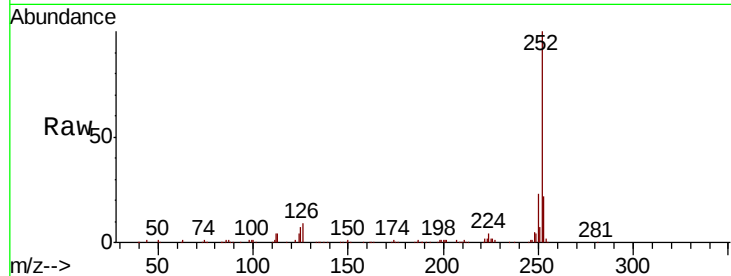
Instrument :

BNA_G

ClientSampleId :

PB115540BS

Tgt Ion:	252	Resp:	372917
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	6.5	5.4	8.2



#90

Benzo(a)pyrene

Concen: 41.573 ng

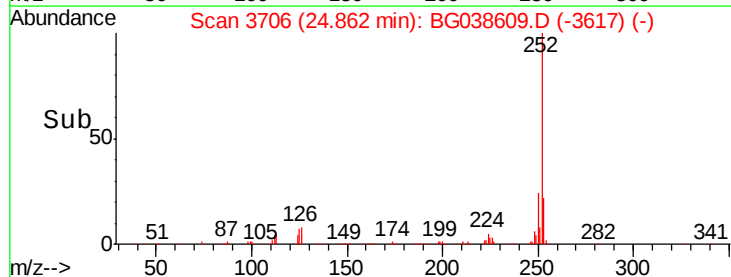
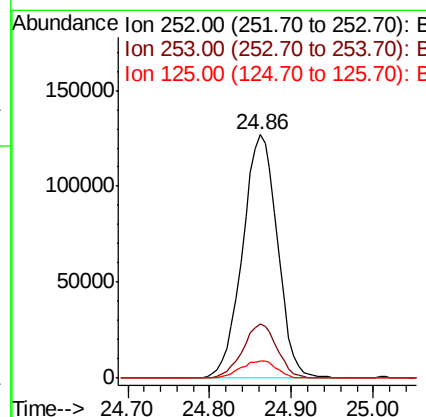
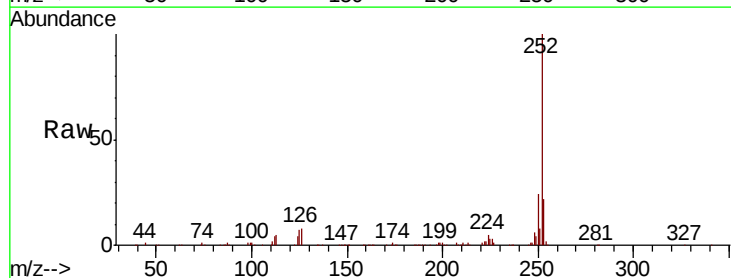
RT: 24.86 min Scan# 3706

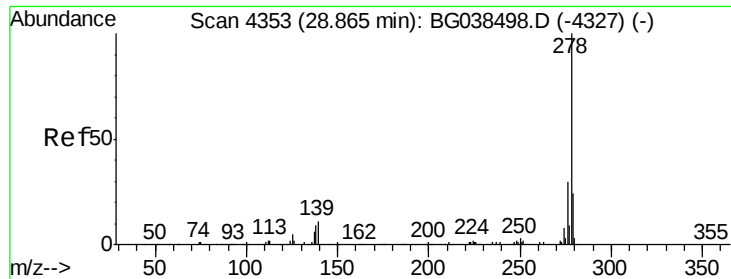
Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Tgt Ion:	252	Resp:	375721
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	6.9	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 41.482 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

Instrument :

BNA_G

ClientSampleId :

PB115540BS

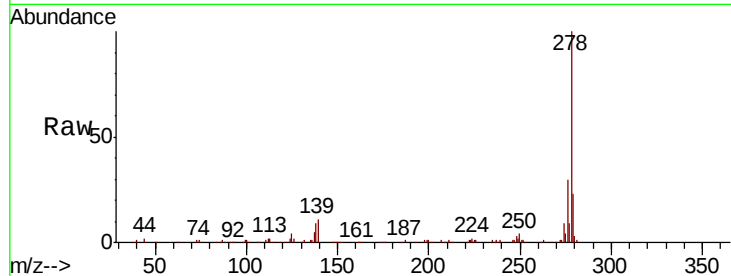
Tgt Ion:278 Resp: 373273

Ion Ratio Lower Upper

278 100

139 10.6 8.6 12.8

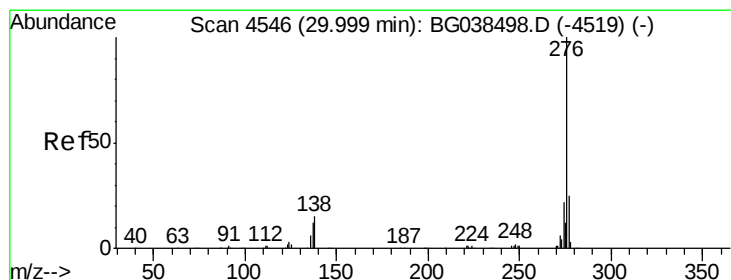
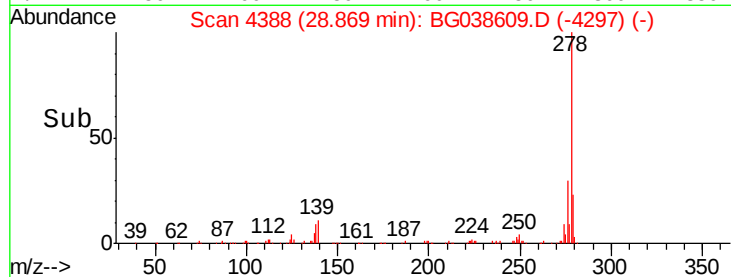
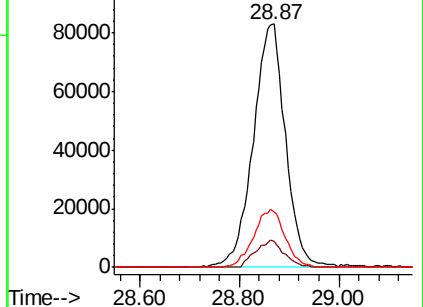
279 23.0 19.0 28.6



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: 41.397 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038609.D

Acq: 15 Dec 2018 18:08

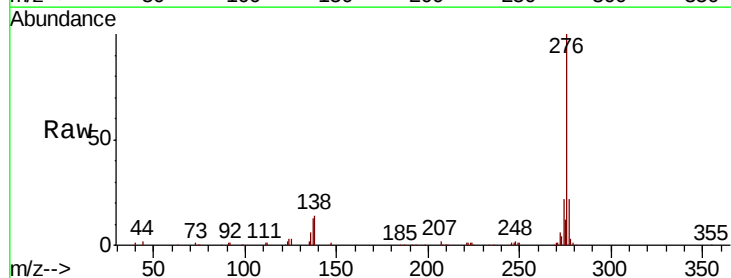
Tgt Ion:276 Resp: 367114

Ion Ratio Lower Upper

276 100

277 22.0 19.8 29.8

138 13.9 11.8 17.6



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

