

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038580.D
 Acq On : 14 Dec 2018 23:04
 Operator : JU/SJ
 Sample : PB115428BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Quant Time: Dec 15 00:02:25 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	23415	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	93508	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	60008	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153680	20.00	ng	0.00
76) Chrysene-d12	21.72	240	162167	20.00	ng	0.00
87) Perylene-d12	25.02	264	175577	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	175688	133.08	ng	0.00
7) Phenol-d6	7.21	99	228459	126.06	ng	0.00
23) Nitrobenzene-d5	9.24	82	115667	63.19	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	103129	124.70	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	266195	60.86	ng	0.00
79) Terphenyl-d14	20.04	244	552430	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20617	33.555	ng	# 89
3) Pyridine	3.89	79	57939	34.250	ng	90
4) n-Nitrosodimethylamine	3.82	42	37436	45.165	ng	# 88
6) Aniline	7.39	93	79158	34.215	ng	98
8) 2-Chlorophenol	7.62	128	66280	43.385	ng	98
9) Benzaldehyde	7.20	77	26706	22.715	ng	99
10) Phenol	7.24	94	82254	42.720	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	57327	37.397	ng	100
12) 1,3-Dichlorobenzene	7.94	146	67147	37.173	ng	94
13) 1,4-Dichlorobenzene	8.09	146	69756	37.706	ng	96
14) 1,2-Dichlorobenzene	8.42	146	67028	38.432	ng	97
15) Benzyl Alcohol	8.30	79	57973	40.982	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	131818	37.538	ng	99
17) 2-Methylphenol	8.50	107	56685	43.942	ng	97
18) Hexachloroethane	9.14	117	25030	37.026	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	46947	36.883	ng	97
20) 3+4-Methylphenols	8.83	107	75209	42.216	ng	95
22) Acetophenone	8.89	105	94266	40.360	ng	# 97
24) Nitrobenzene	9.28	77	75875	40.977	ng	98
25) Isophorone	9.79	82	134584	40.924	ng	99
26) 2-Nitrophenol	9.99	139	36337	38.342	ng	96
27) 2,4-Dimethylphenol	10.03	122	63547	46.787	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	77782	41.911	ng	95
29) 2,4-Dichlorophenol	10.52	162	66461	43.985	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	71592	39.225	ng	96
31) Naphthalene	10.93	128	197981	42.972	ng	98
32) Benzoic acid	10.18	122	23596	31.723	ng	94
33) 4-Chloroaniline	11.05	127	41934	20.964	ng	98
34) Hexachlorobutadiene	11.19	225	46521	37.669	ng	95
35) Caprolactam	11.82	113	13533	21.642	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	70163	40.691	ng	94
37) 2-Methylnaphthalene	12.53	142	145971	44.411	ng	99
38) 1-Methylnaphthalene	12.75	142	137478	43.103	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84387	37.621	ng	99

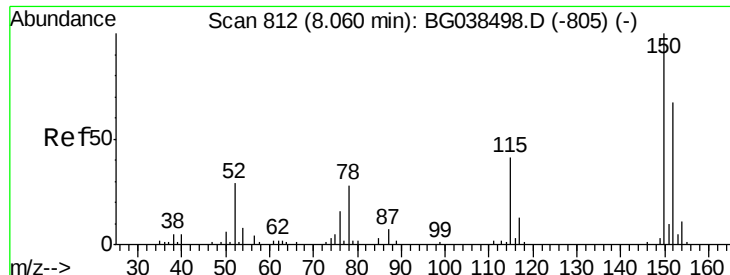
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038580.D
 Acq On : 14 Dec 2018 23:04
 Operator : JU/SJ
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Instrument :
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Quant Time: Dec 15 00:02:25 2018
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 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	113978	92.489	ng	93
43) 2,4,6-Trichlorophenol	13.13	196	58516	42.428	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	62639	42.896	ng	94
46) 1,1'-Biphenyl	13.53	154	186164	37.006	ng	99
47) 2-Chloronaphthalene	13.58	162	151521	38.993	ng	95
48) 2-Nitroaniline	13.79	65	50696	40.958	ng	95
49) Acenaphthylene	14.42	152	245557	42.270	ng	99
50) Dimethylphthalate	14.14	163	198138	40.433	ng	99
51) 2,6-Dinitrotoluene	14.28	165	44418	39.997	ng	97
52) Acenaphthene	14.76	154	140116	40.336	ng	98
53) 3-Nitroaniline	14.61	138	31815	28.104	ng	89
54) 2,4-Dinitrophenol	14.82	184	49483	75.218	ng	98
55) Dibenzofuran	15.10	168	235021	39.470	ng	96
56) 4-Nitrophenol	14.91	139	73032	85.039	ng	94
57) 2,4-Dinitrotoluene	15.07	165	64592	41.296	ng	96
58) Fluorene	15.74	166	188208	42.662	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	57189	43.531	ng	98
60) Diethylphthalate	15.50	149	206145	38.320	ng	98
61) 4-Chlorophenyl-phenylether	15.73	204	107810	39.168	ng	98
62) 4-Nitroaniline	15.78	138	48930	41.983	ng	97
63) Azobenzene	16.02	77	180845	40.241	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	40019	36.504	ng	96
66) n-Nitrosodiphenylamine	15.95	169	173762	38.482	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	69648	37.109	ng	96
68) Hexachlorobenzene	16.74	284	73153	37.599	ng	99
69) Atrazine	16.89	200	74101	44.220	ng	96
70) Pentachlorophenol	17.09	266	82224	71.450	ng	98
71) Phenanthrene	17.49	178	333917	41.900	ng	99
72) Anthracene	17.58	178	342643	43.552	ng	99
73) Carbazole	17.85	167	315963	40.609	ng	98
74) Di-n-butylphthalate	18.38	149	384596	43.078	ng	99
75) Fluoranthene	19.49	202	438175	44.439	ng	98
77) Benzidine	19.68	184	217310	45.311	ng	99
78) Pyrene	19.86	202	432078	40.331	ng	99
80) Butylbenzylphthalate	20.72	149	172935	41.317	ng	99
81) Benzo(a)anthracene	21.70	228	426749	43.186	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	110189	28.116	ng	98
83) Chrysene	21.77	228	390523	41.030	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	244747	41.229	ng	99
85) Di-n-octyl phthalate	22.79	149	417908	42.036	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	483169	43.179	ng	# 86
88) Benzo(b)fluoranthene	23.96	252	420307	43.601	ng	99
89) Benzo(k)fluoranthene	24.03	252	409721	42.682	ng	98
90) Benzo(a)pyrene	24.86	252	408301	43.903	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	401786	43.390	ng	98
92) Benzo(g,h,i)perylene	30.00	276	395522	43.342	ng	98

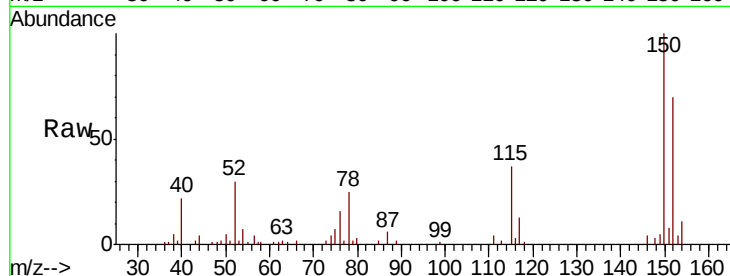
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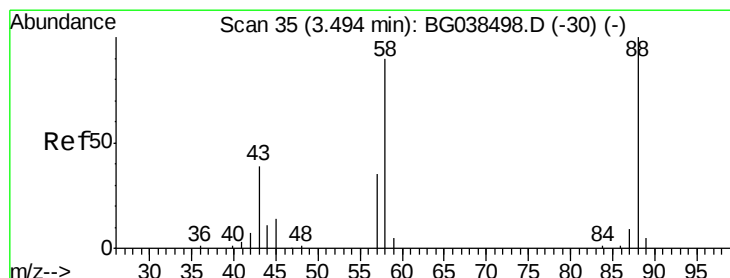
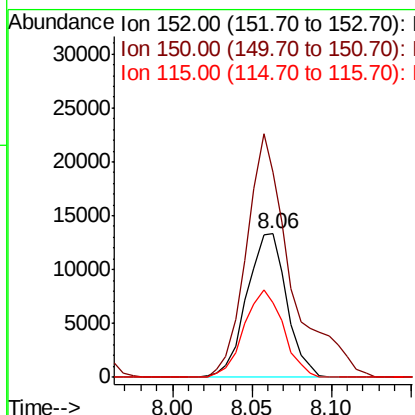
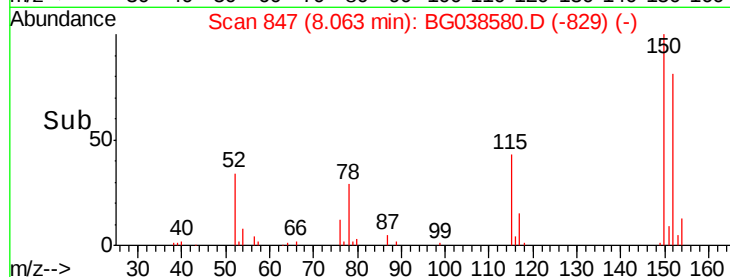
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:152 Resp: 23415
 Ion Ratio Lower Upper
 152 100
 150 143.6 119.5 179.3
 115 52.5 49.6 74.4

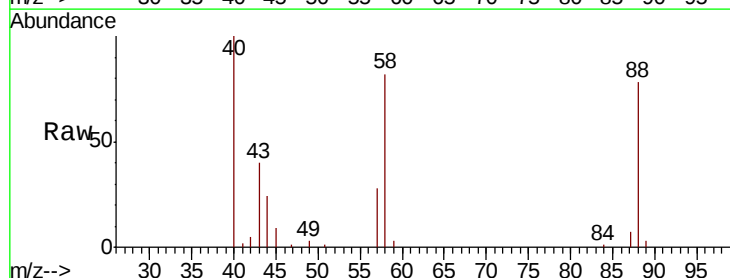


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

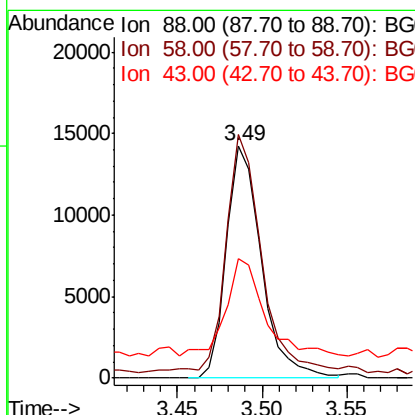
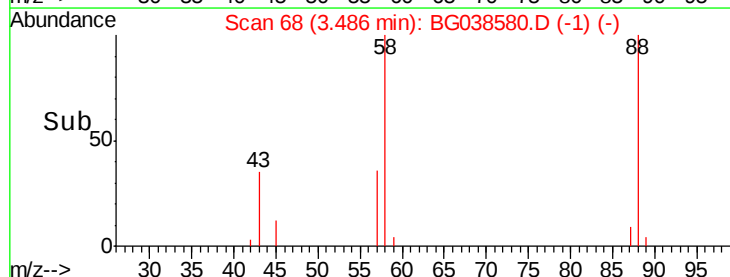


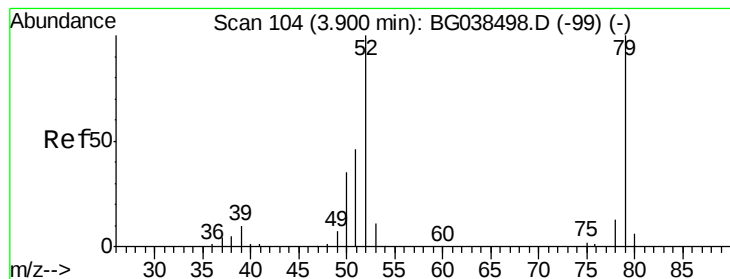
#2
 1,4-Dioxane
 Concen: 33.555 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 88 Resp: 20617
 Ion Ratio Lower Upper
 88 100
 58 103.7 75.7 113.5
 43 47.6 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: 34.250 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

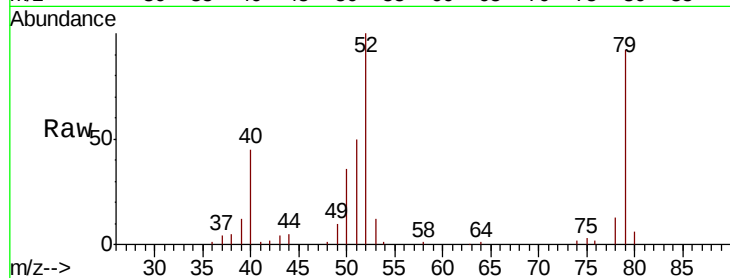
Tgt Ion: 79 Resp: 57939

Ion Ratio Lower Upper

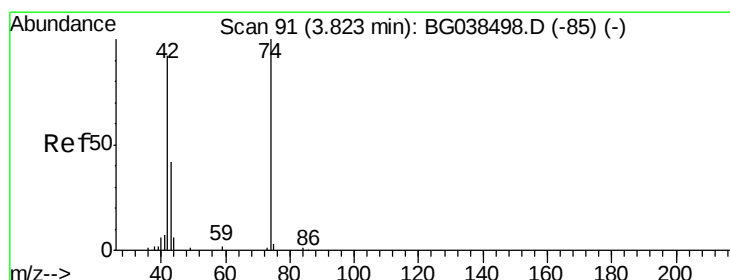
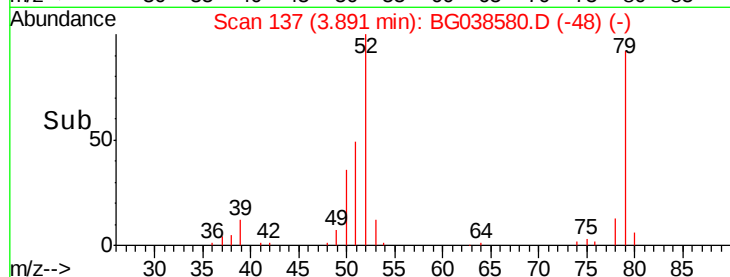
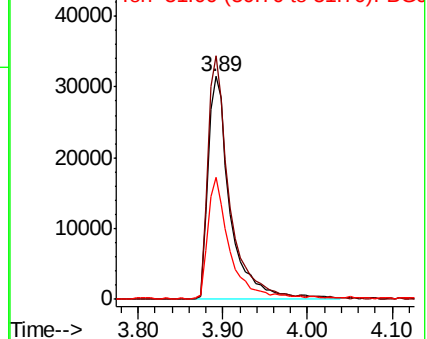
79 100

52 109.3 80.2 120.2

51 54.9 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 45.165 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

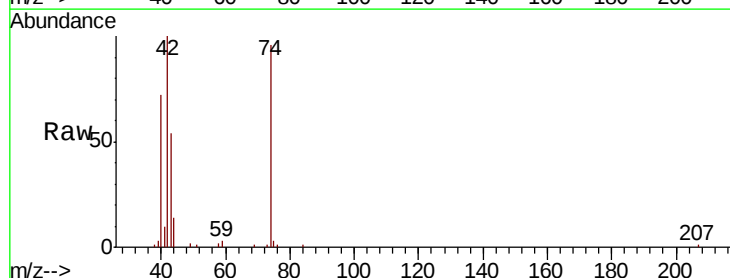
Tgt Ion: 42 Resp: 37436

Ion Ratio Lower Upper

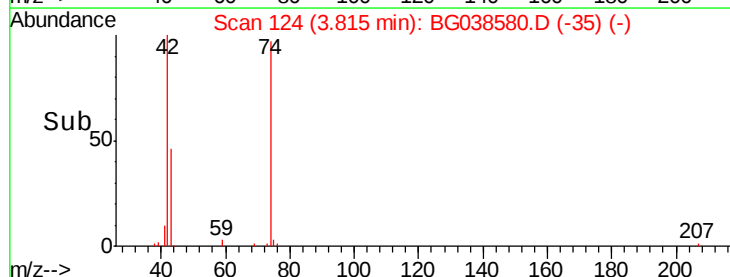
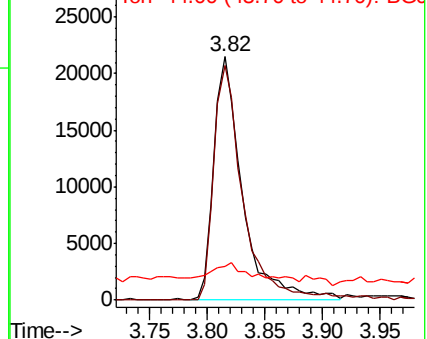
42 100

74 96.4 86.7 130.1

44 14.1 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 133.081 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

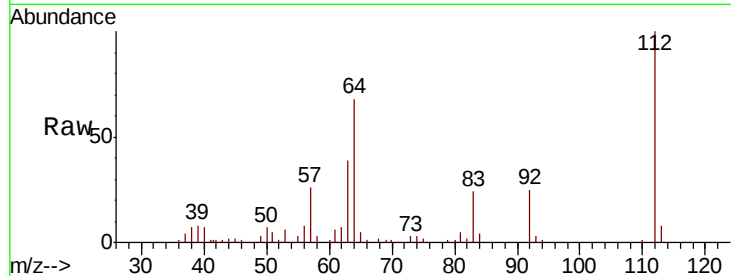
Tgt Ion: 112 Resp: 175688

Ion Ratio Lower Upper

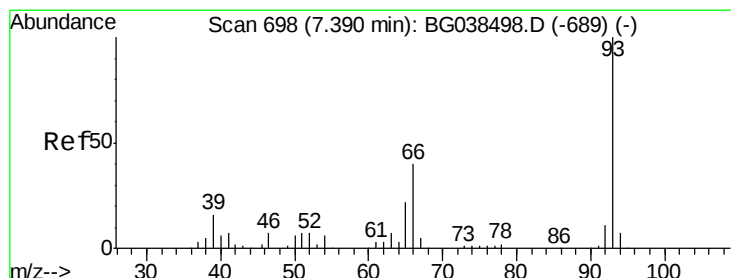
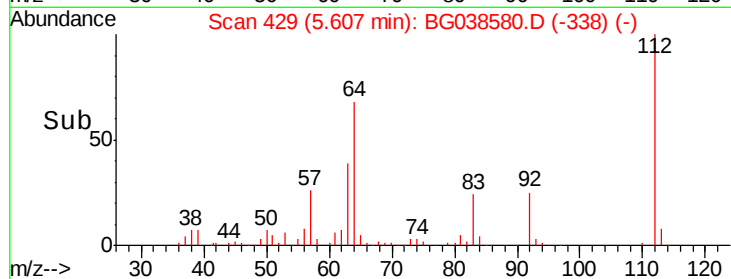
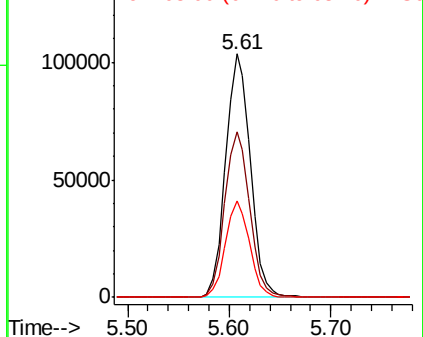
112 100

64 68.0 53.4 80.2

63 39.5 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: 34.215 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

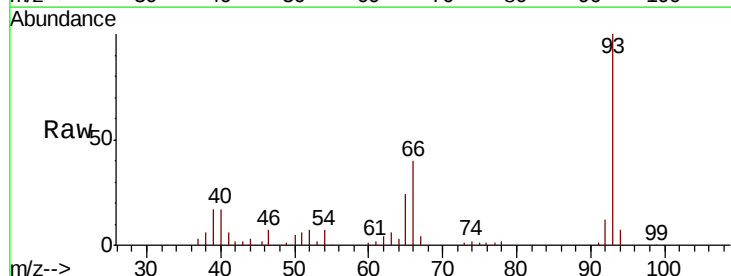
Tgt Ion: 93 Resp: 79158

Ion Ratio Lower Upper

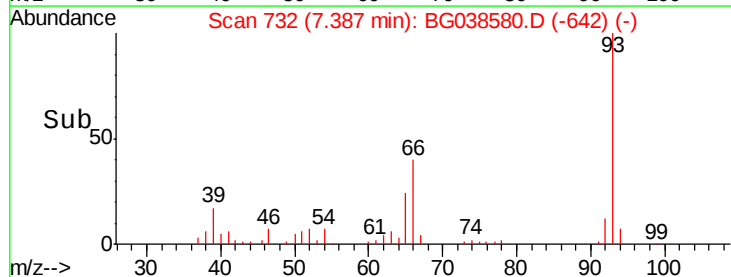
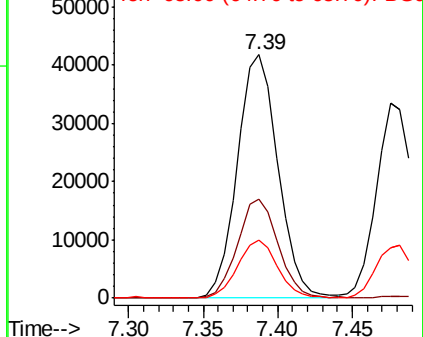
93 100

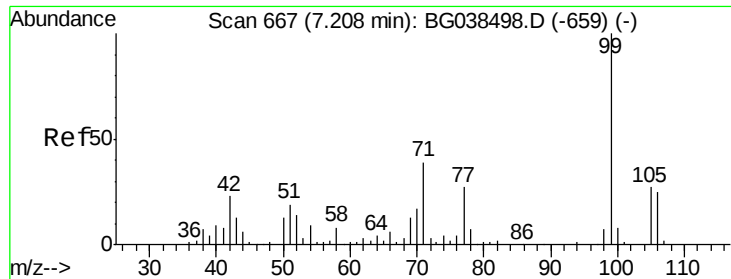
66 40.4 31.7 47.5

65 23.7 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: 126.059 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

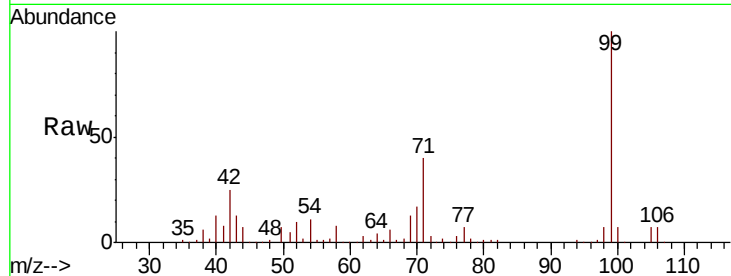
Tgt Ion: 99 Resp: 228459

Ion Ratio Lower Upper

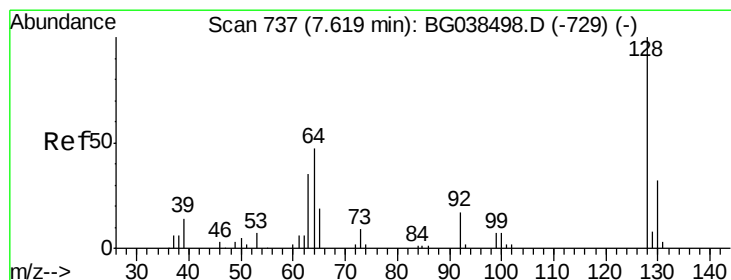
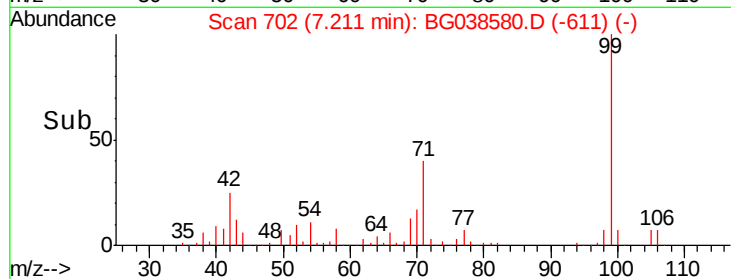
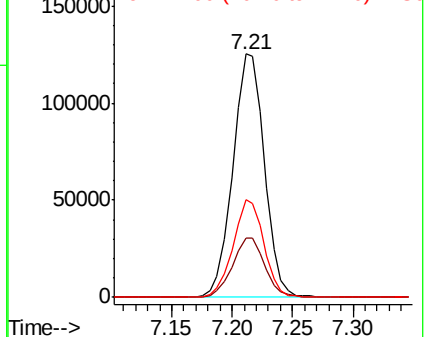
99 100

42 24.5 18.5 27.7

71 40.2 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: 43.385 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

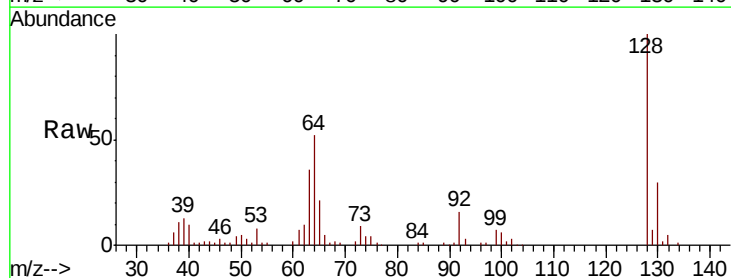
Tgt Ion:128 Resp: 66280

Ion Ratio Lower Upper

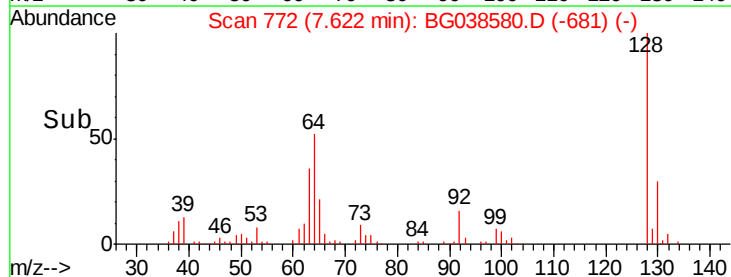
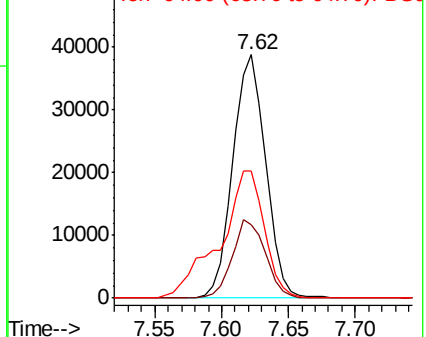
128 100

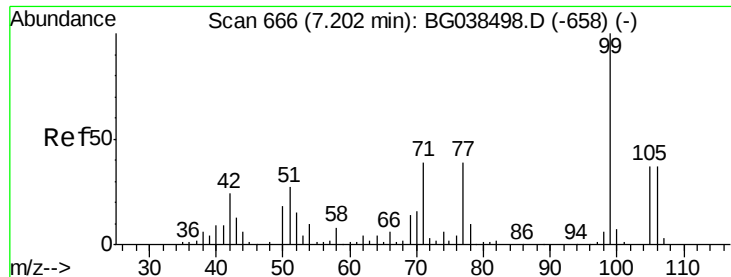
130 30.4 11.8 51.8

64 52.0 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: 22.715 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

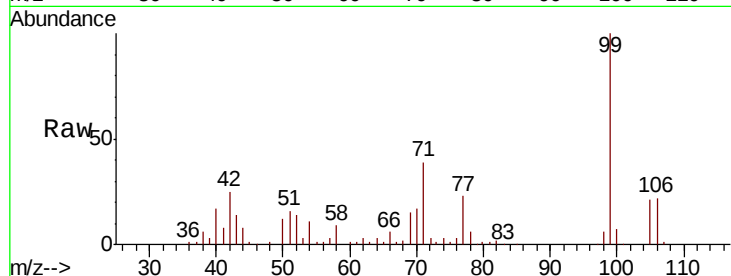
Tgt Ion: 77 Resp: 26706

Ion Ratio Lower Upper

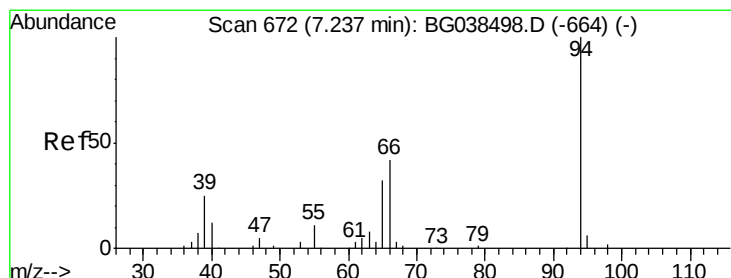
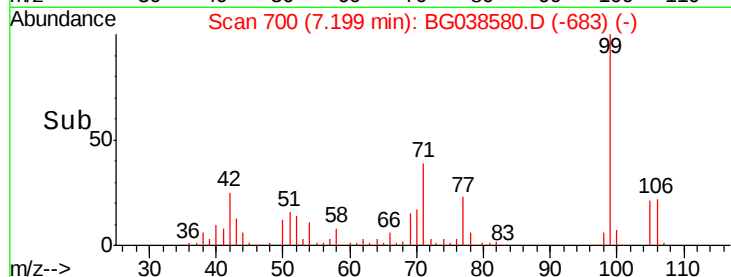
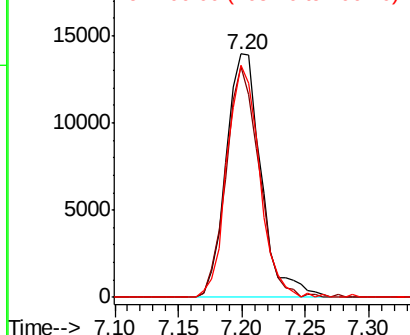
77 100

105 94.8 74.0 114.0

106 95.1 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: 42.720 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

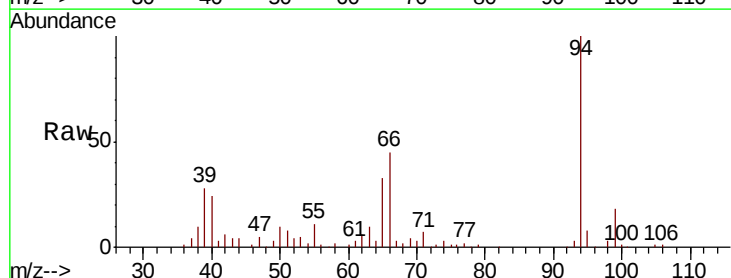
Tgt Ion: 94 Resp: 82254

Ion Ratio Lower Upper

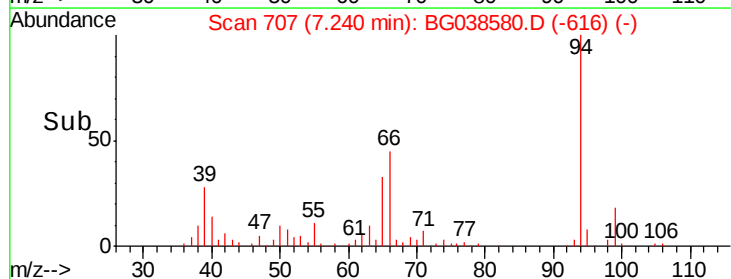
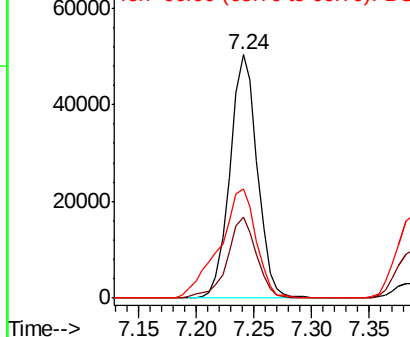
94 100

65 33.4 12.6 52.6

66 44.8 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

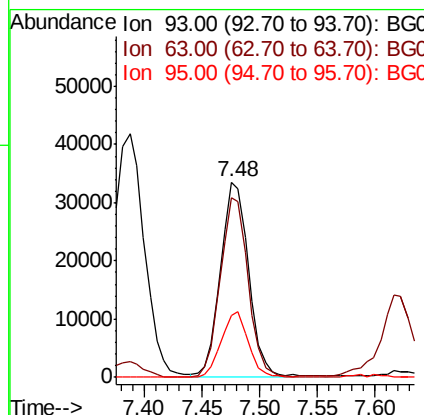
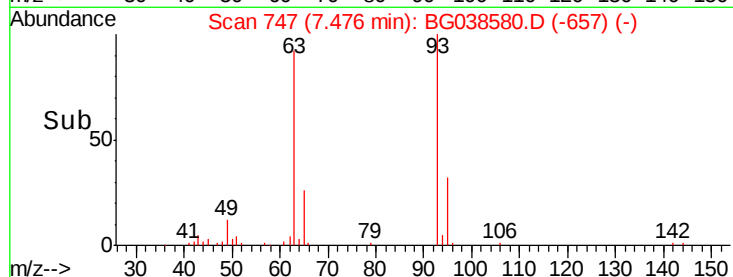
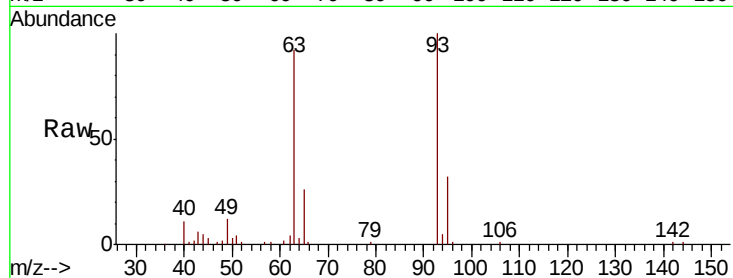




#11
 bis(2-Chloroethyl)ether
 Concen: 37.397 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

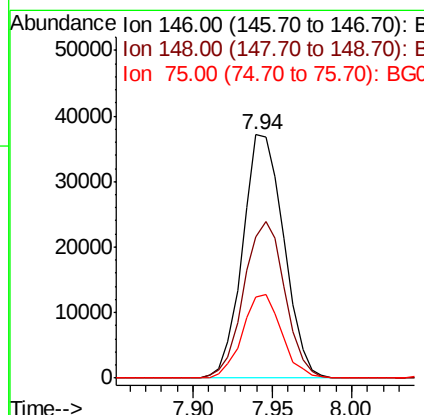
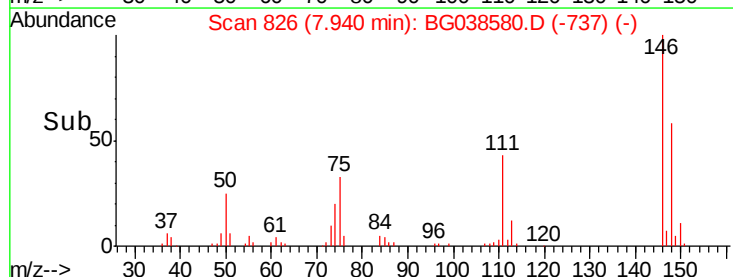
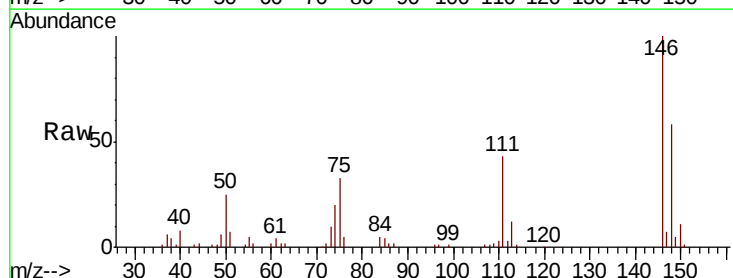
Instrument :
 BNA_G
 ClientSampled :
 PB115428BS

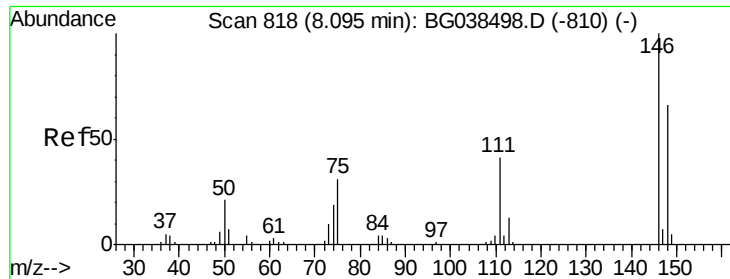
Tgt Ion: 93 Resp: 57327
 Ion Ratio Lower Upper
 93 100
 63 92.1 72.2 112.2
 95 31.8 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.173 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 146 Resp: 67147
 Ion Ratio Lower Upper
 146 100
 148 57.9 51.4 77.0
 75 33.2 26.1 39.1

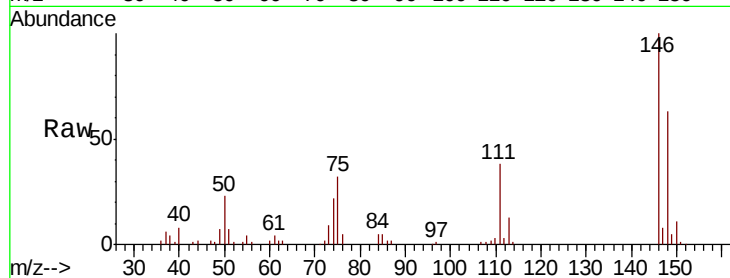




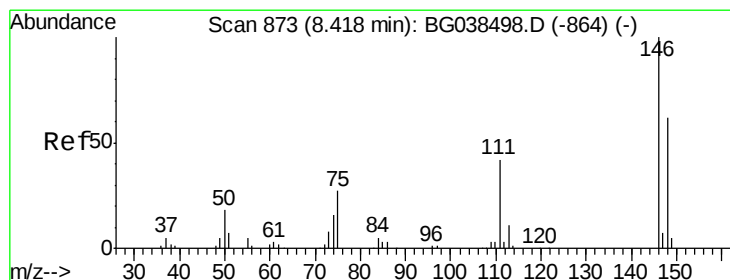
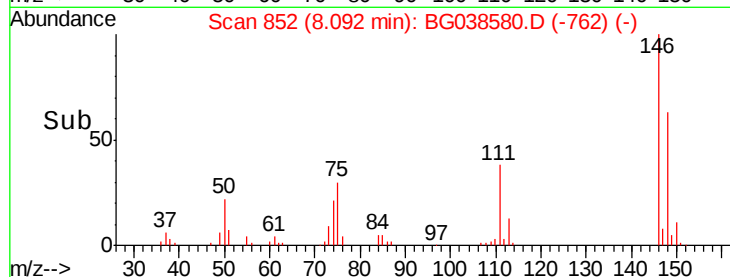
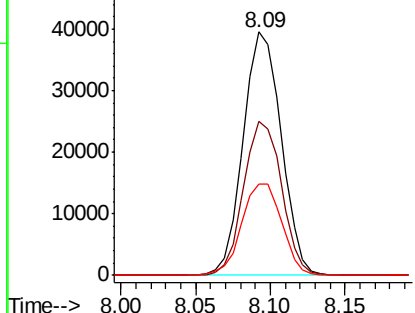
#13
 1,4-Dichlorobenzene
 Concen: 37.706 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:146 Resp: 69756
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.4 78.6
 111 37.7 33.0 49.4

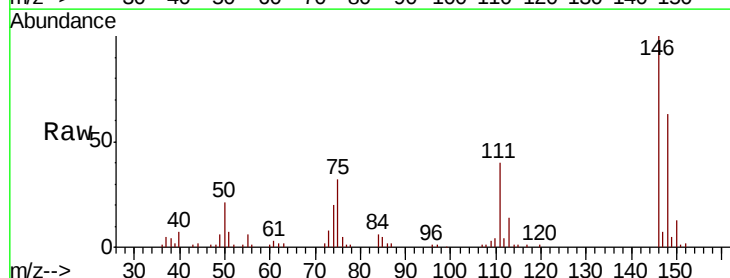


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

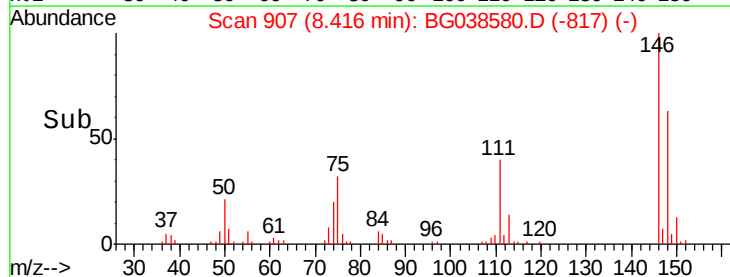
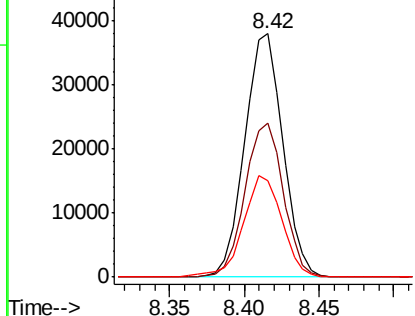


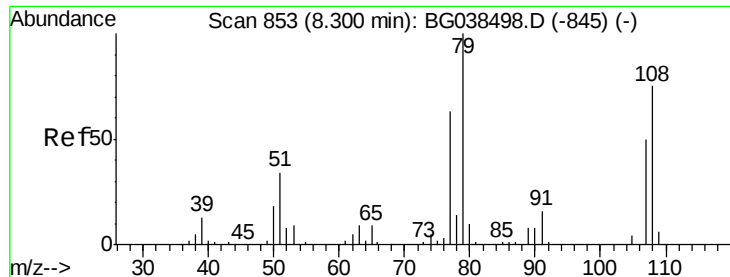
#14
 1,2-Dichlorobenzene
 Concen: 38.432 ng
 RT: 8.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:146 Resp: 67028
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.4 74.0
 111 39.7 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: 40.982 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

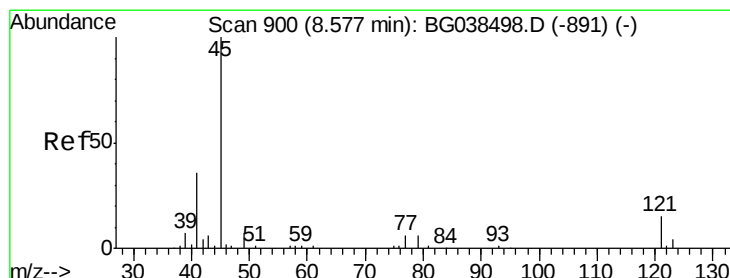
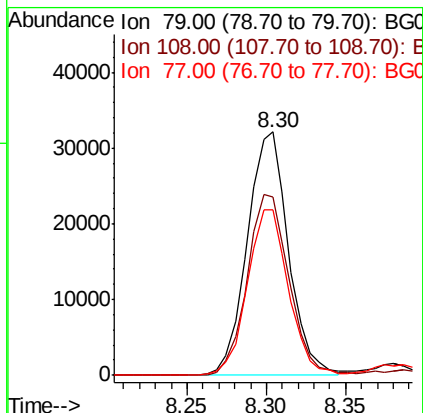
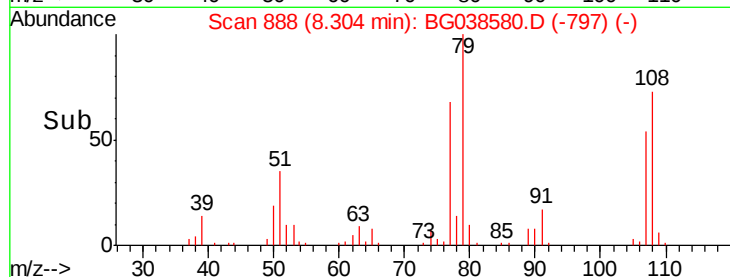
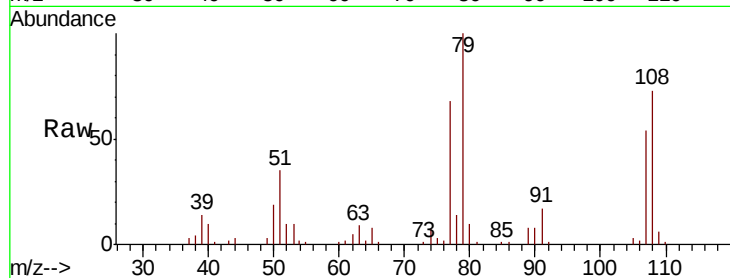
Tgt Ion: 79 Resp: 57973

Ion Ratio Lower Upper

79 100

108 73.1 60.2 90.4

77 67.9 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.538 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

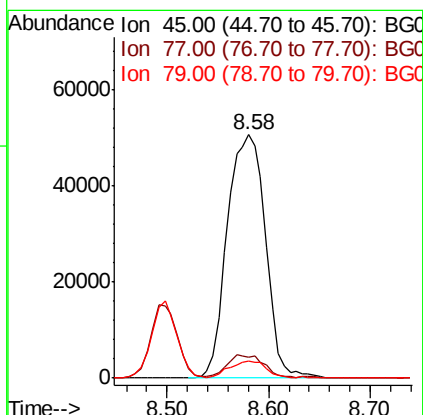
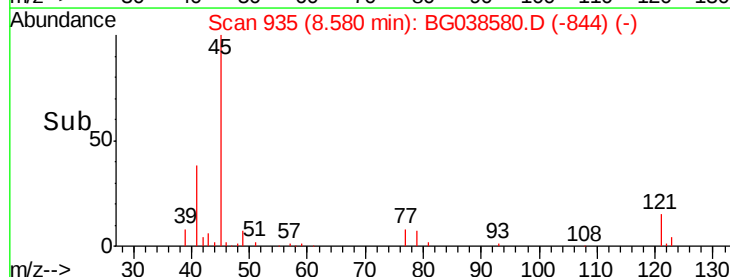
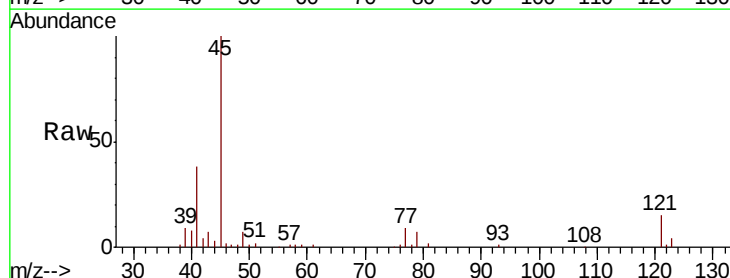
Tgt Ion: 45 Resp: 131818

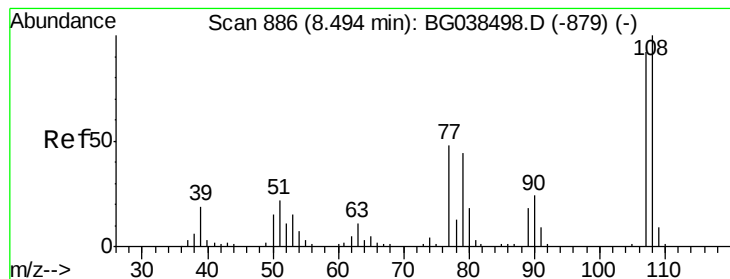
Ion Ratio Lower Upper

45 100

77 8.6 0.0 28.2

79 7.1 0.0 27.2





#17

2-Methylphenol

Concen: 43.942 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

Tgt Ion:107 Resp: 56685

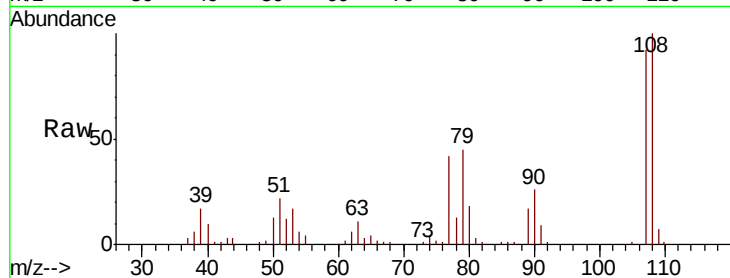
Ion Ratio Lower Upper

107 100

108 108.5 87.1 130.7

77 45.8 42.0 63.0

79 48.7 38.2 57.2



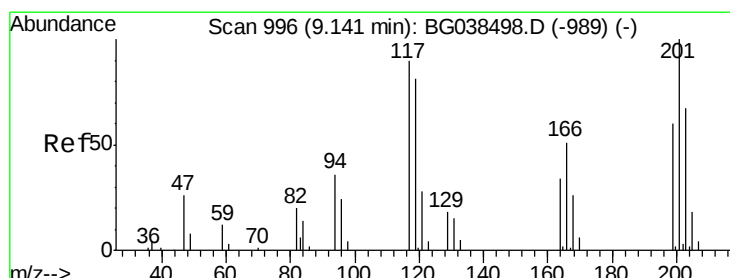
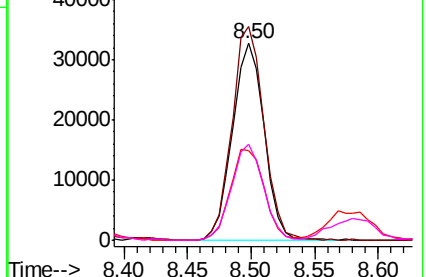
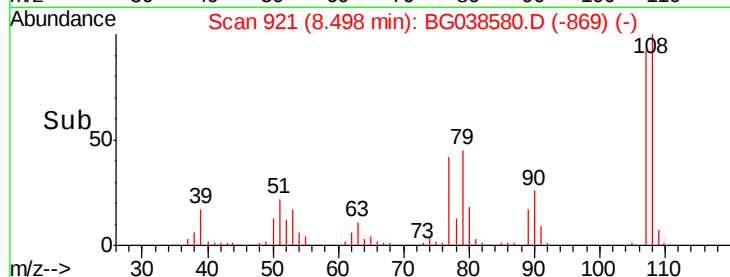
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.026 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

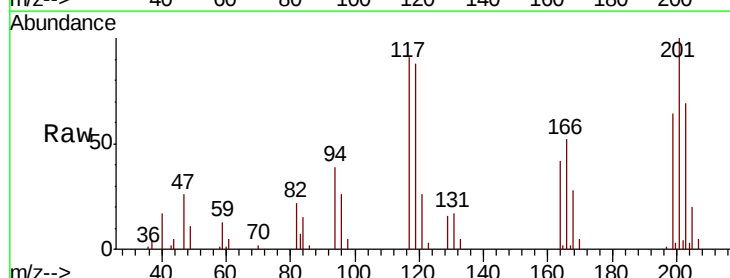
Tgt Ion:117 Resp: 25030

Ion Ratio Lower Upper

117 100

119 96.0 73.8 110.8

201 109.3 89.4 134.0

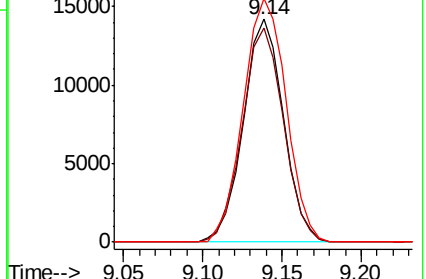
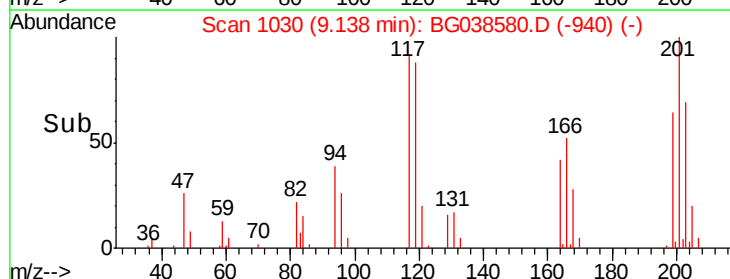


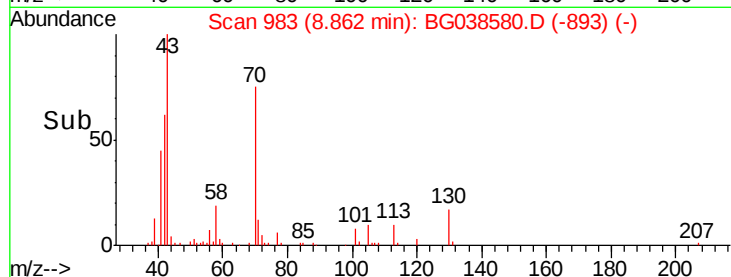
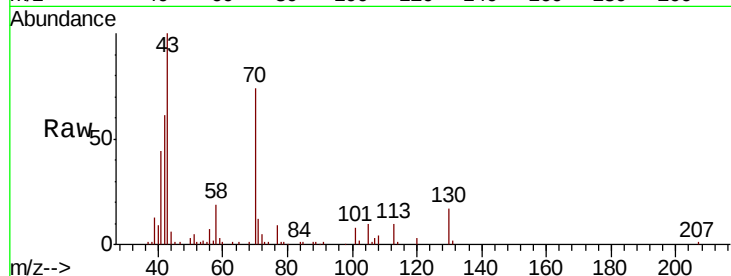
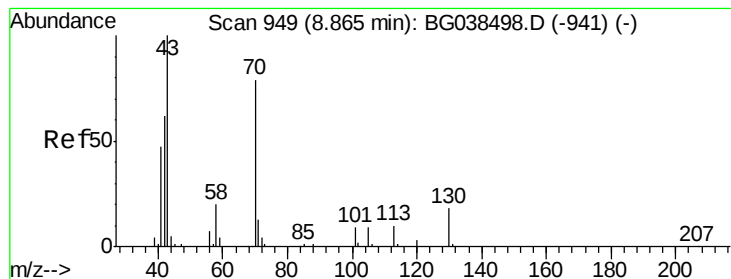
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.883 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

Tgt Ion: 70 Resp: 46947

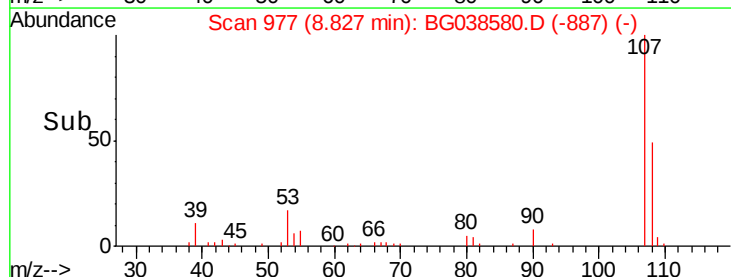
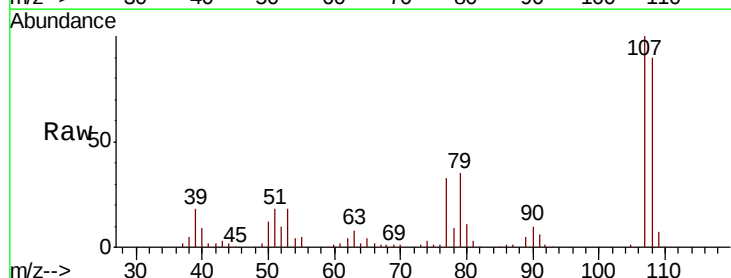
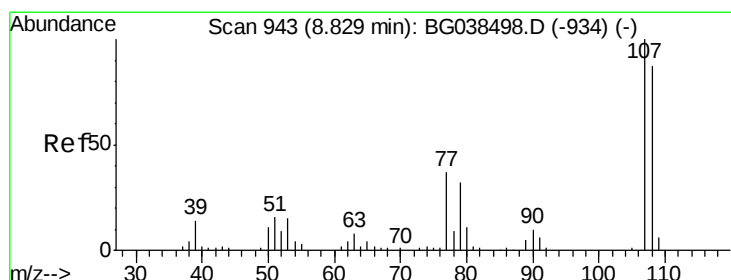
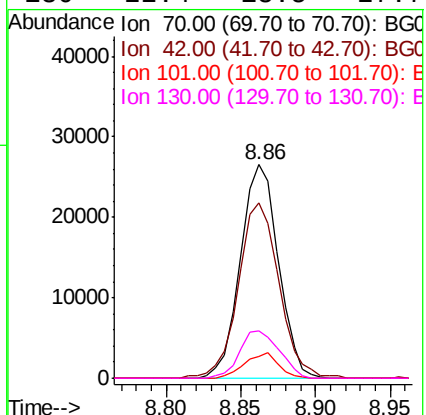
Ion Ratio Lower Upper

70 100

42 81.9 63.6 95.4

101 10.1 9.2 13.8

130 22.4 18.5 27.7



#20

3+4-Methylphenols

Concen: 42.216 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion: 107 Resp: 75209

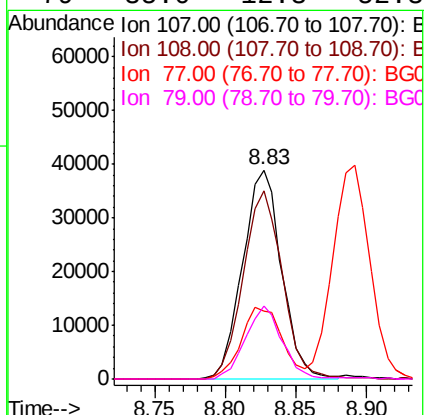
Ion Ratio Lower Upper

107 100

108 90.1 66.7 106.7

77 32.8 17.3 57.3

79 35.0 12.3 52.3

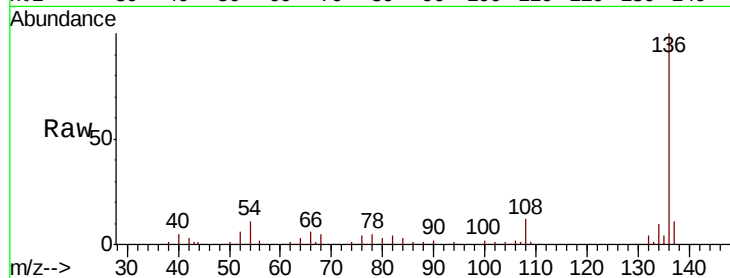




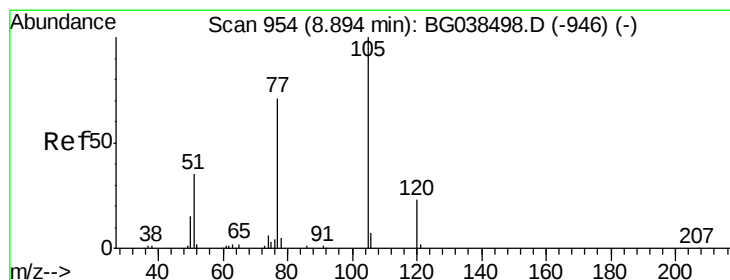
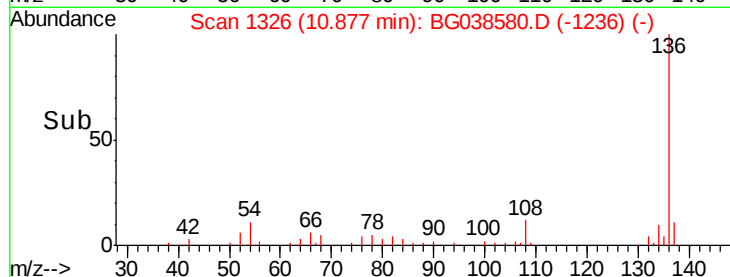
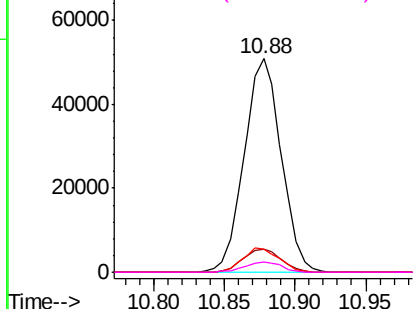
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion:	136	Resp:	93508
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.3	13.9
54	10.7	8.5	12.7
68	5.0	3.5	5.3

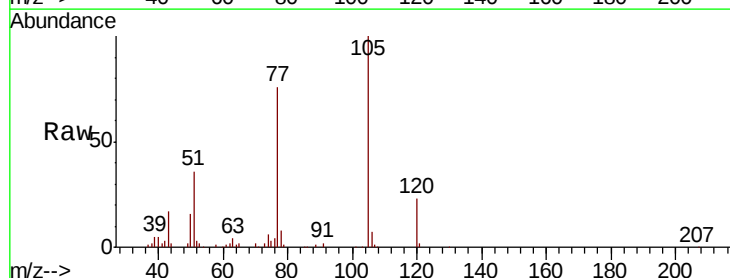


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

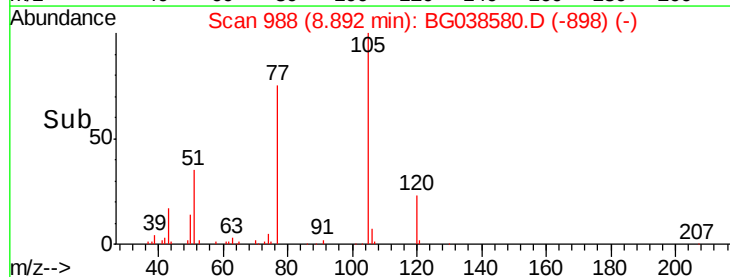
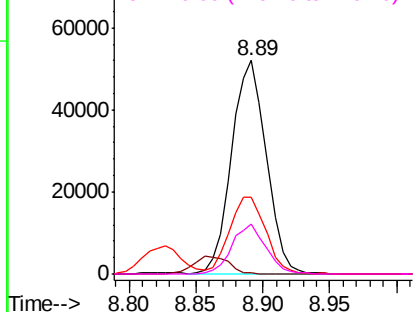


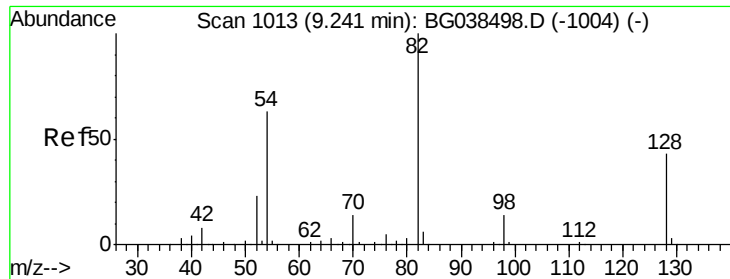
#22
Acetophenone
Concen: 40.360 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:	105	Resp:	94266
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.4	0.6#
51	35.9	30.6	46.0
120	23.4	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

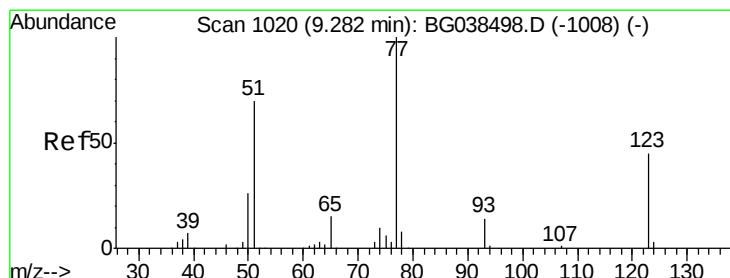
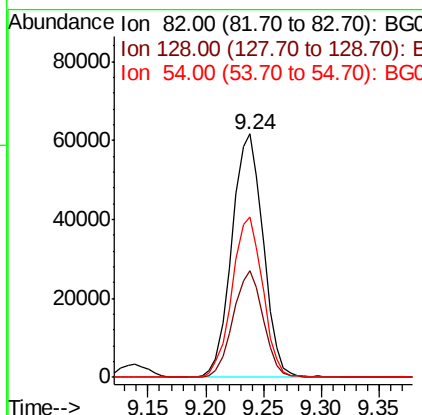
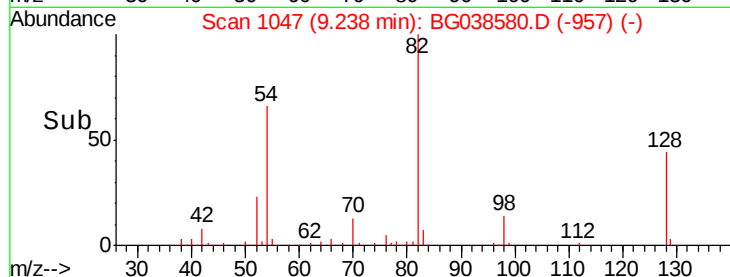
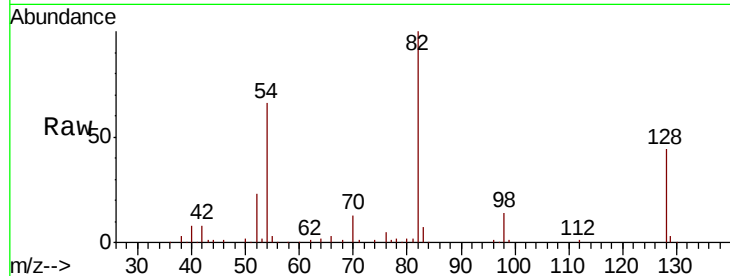




#23
 Nitrobenzene-d5
 Concen: 63.193 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

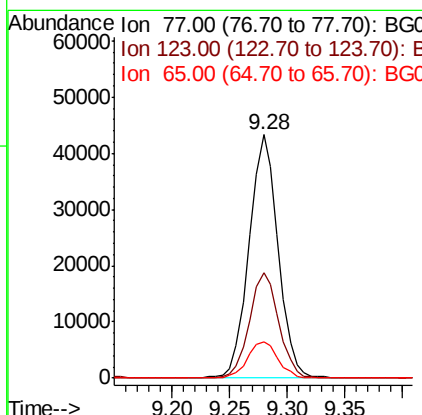
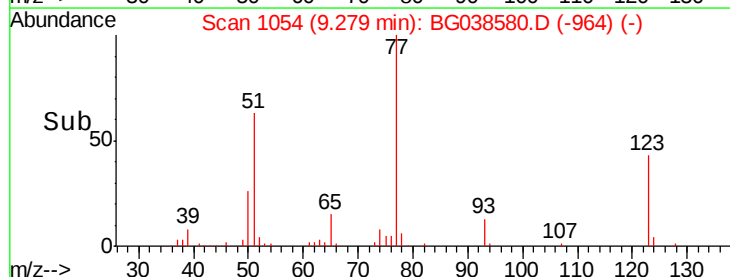
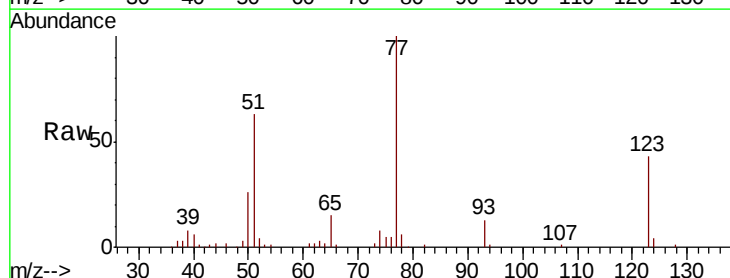
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

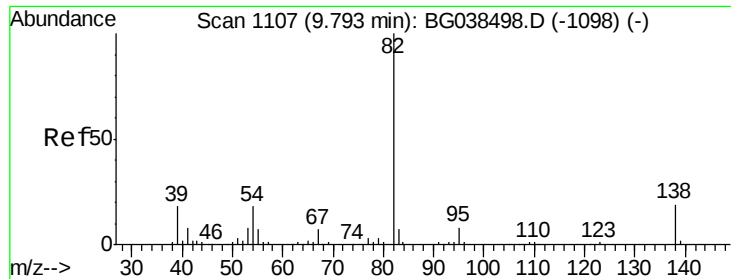
Tgt Ion: 82 Resp: 115667
 Ion Ratio Lower Upper
 82 100
 128 43.7 34.6 52.0
 54 65.8 50.6 76.0



#24
 Nitrobenzene
 Concen: 40.977 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 77 Resp: 75875
 Ion Ratio Lower Upper
 77 100
 123 43.1 35.9 53.9
 65 14.8 12.0 18.0

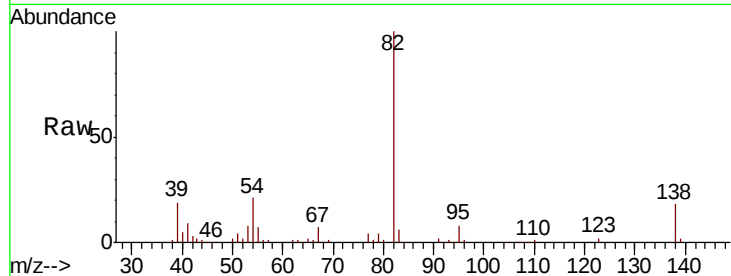




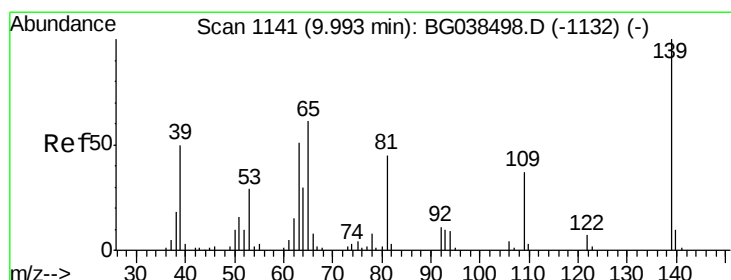
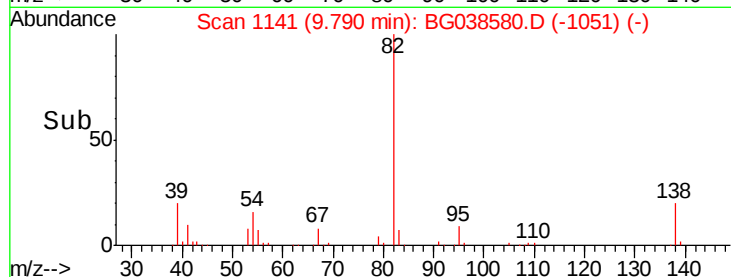
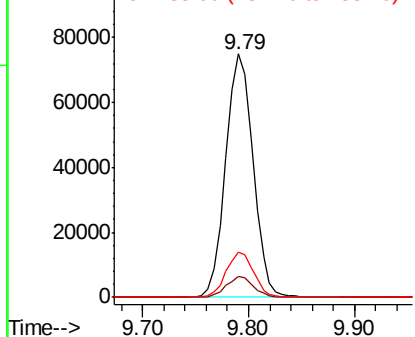
#25
Isophorone
Concen: 40.924 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion: 82 Resp: 134584
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 18.3 14.9 22.3

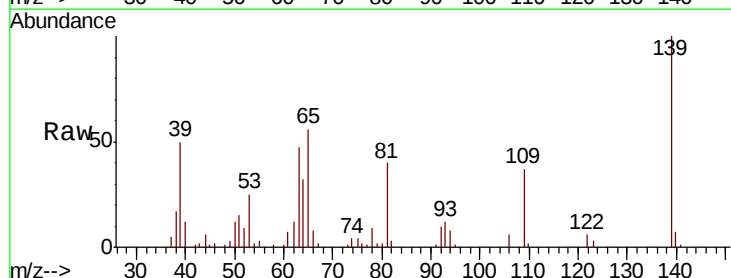


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

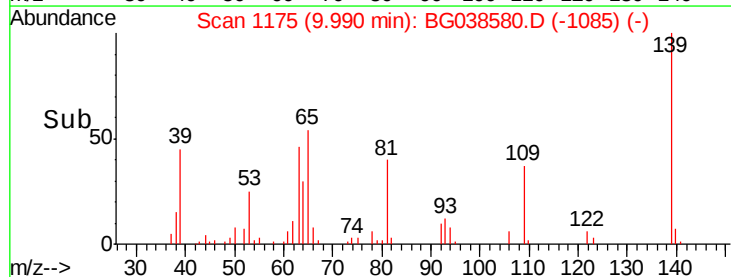
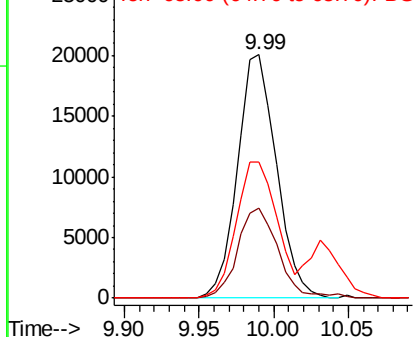


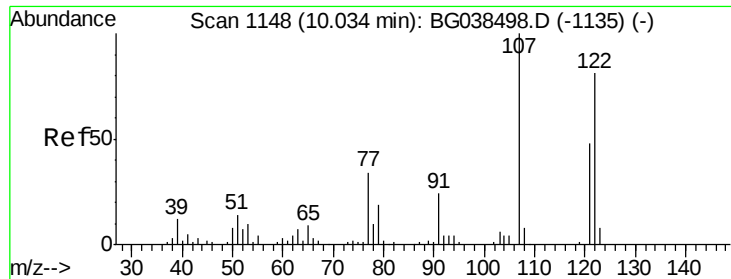
#26
2-Nitrophenol
Concen: 38.342 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion: 139 Resp: 36337
Ion Ratio Lower Upper
139 100
109 36.7 29.5 44.3
65 56.0 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

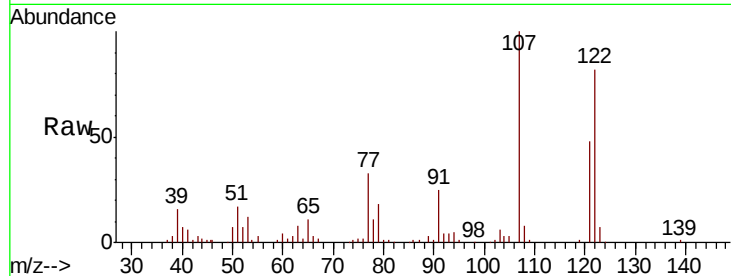




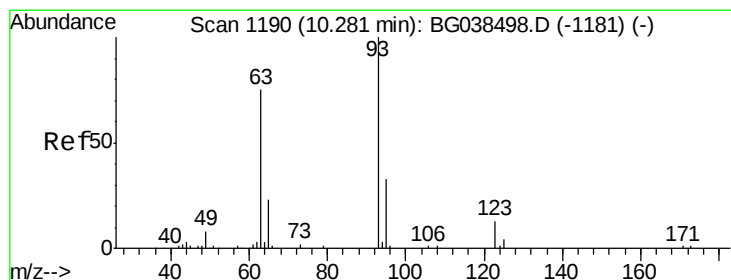
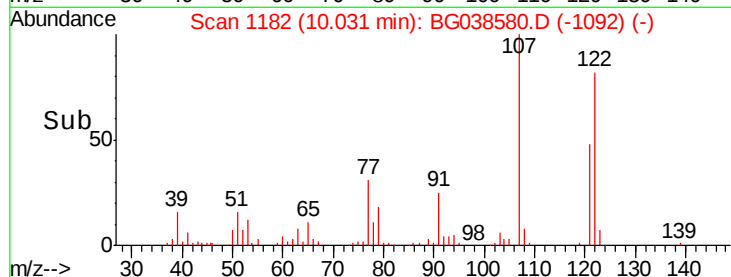
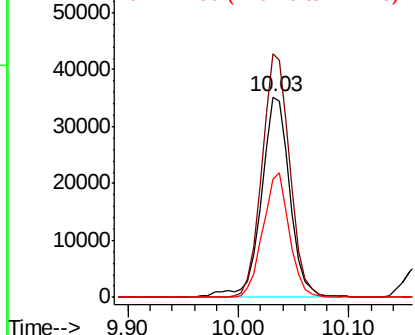
#27
2,4-Dimethylphenol
Concen: 46.787 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion: 122 Resp: 63547
Ion Ratio Lower Upper
122 100
107 121.4 98.4 147.6
121 58.8 47.2 70.8

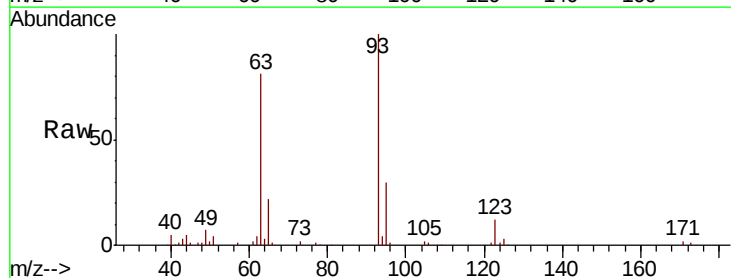


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

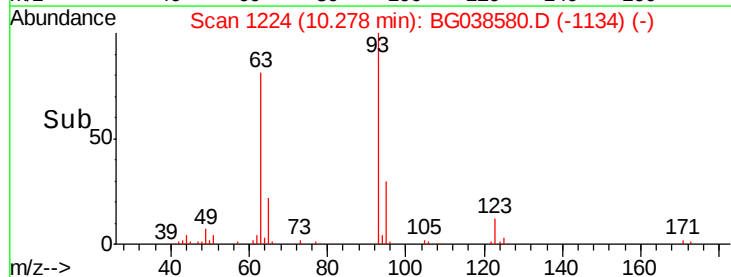
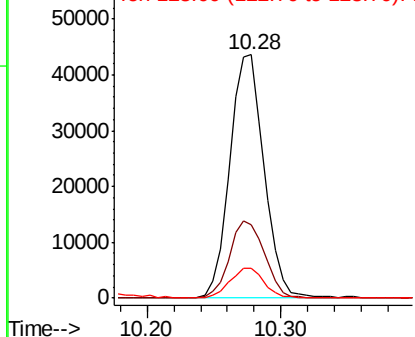


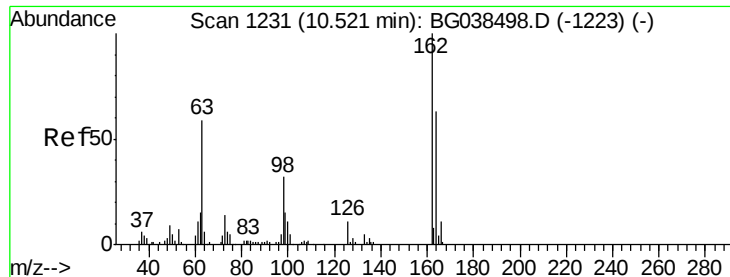
#28
bis(2-Chloroethoxy)methane
Concen: 41.911 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion: 93 Resp: 77782
Ion Ratio Lower Upper
93 100
95 30.2 26.6 40.0
123 12.3 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: 43.985 ng

RT: 10.52 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

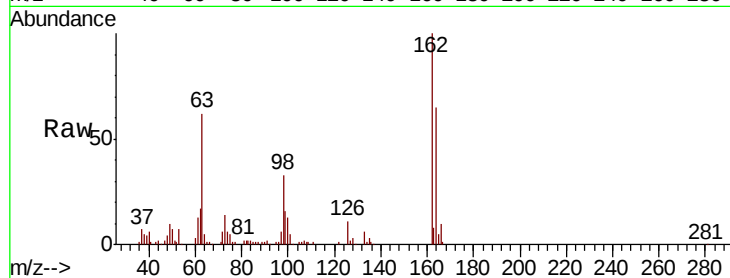
Tgt Ion:162 Resp: 66461

Ion Ratio Lower Upper

162 100

164 64.7 42.9 82.9

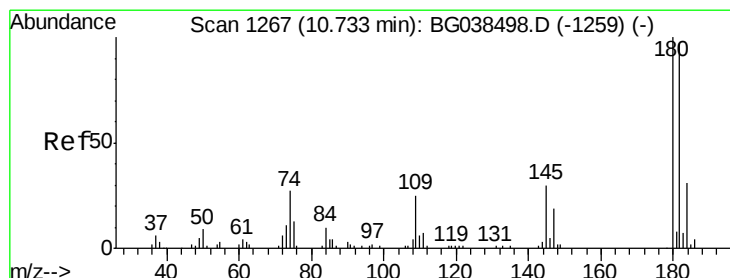
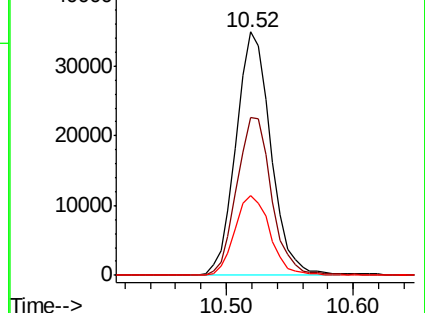
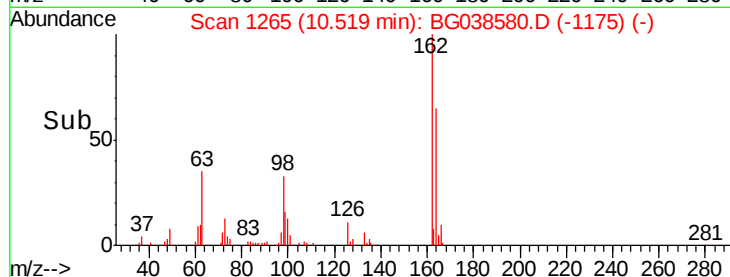
98 32.7 12.1 52.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.225 ng

RT: 10.74 min Scan# 1302

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

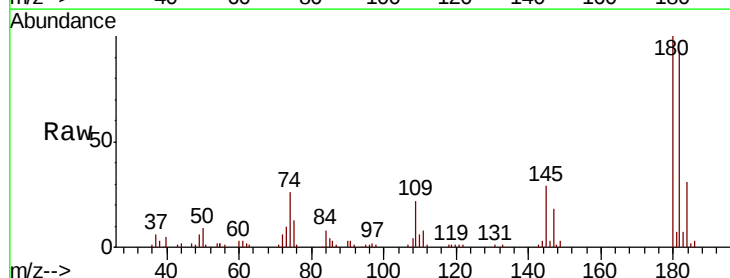
Tgt Ion:180 Resp: 71592

Ion Ratio Lower Upper

180 100

182 92.6 77.4 116.0

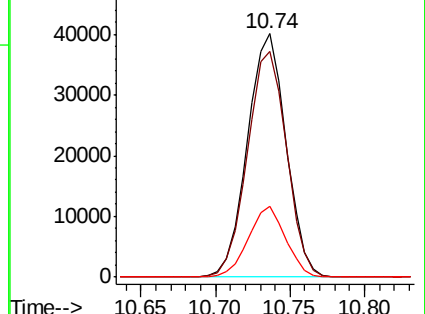
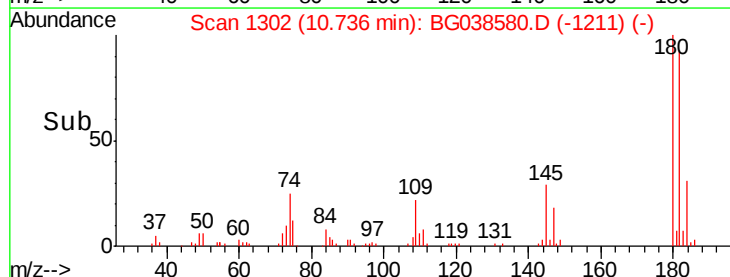
145 29.2 24.1 36.1

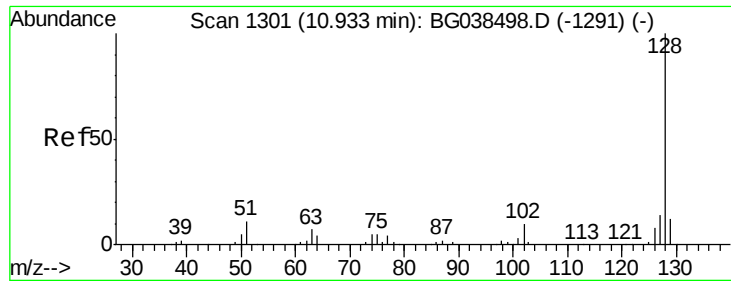


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

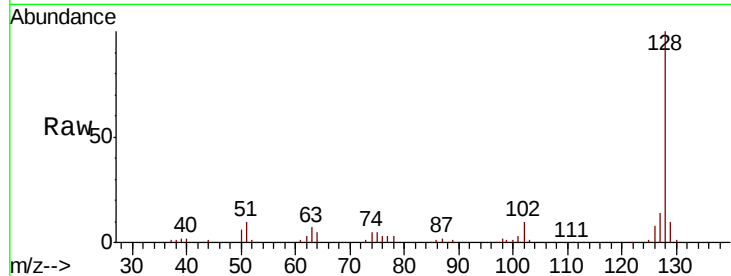




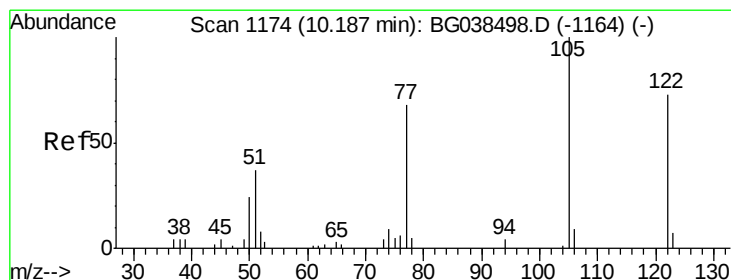
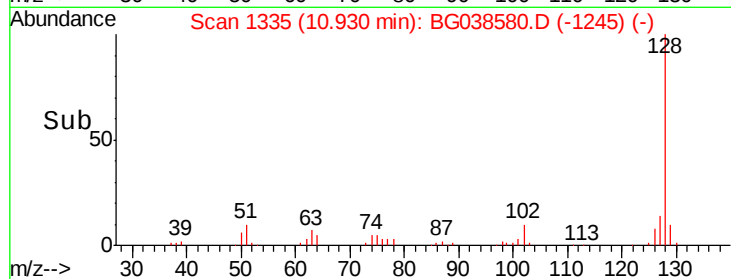
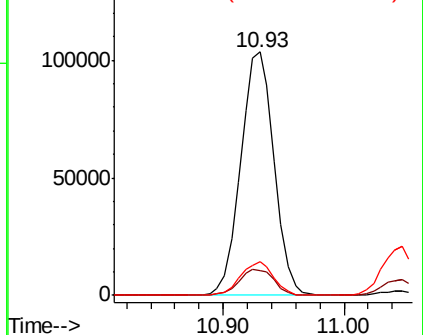
#31
Naphthalene
Concen: 42.972 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion:128 Resp: 197981
Ion Ratio Lower Upper
128 100
129 10.0 9.5 14.3
127 13.6 10.9 16.3

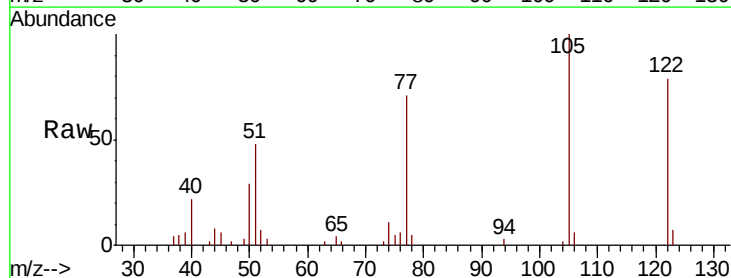


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

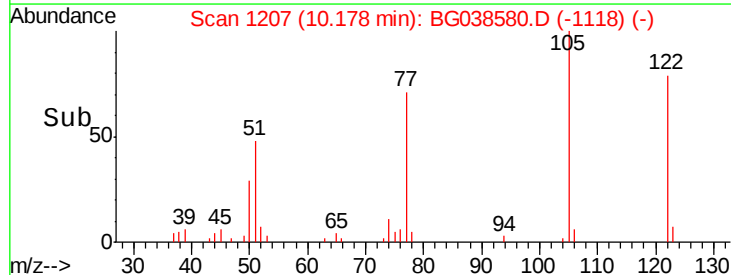
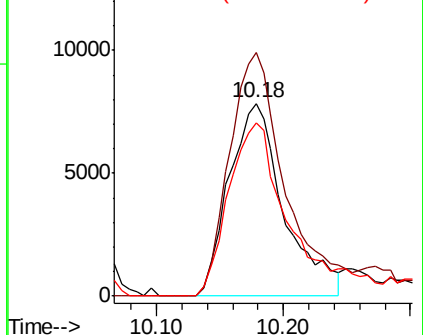


#32
Benzoic acid
Concen: 31.723 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:122 Resp: 23596
Ion Ratio Lower Upper
122 100
105 126.2 116.7 156.7
77 89.5 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): BGO

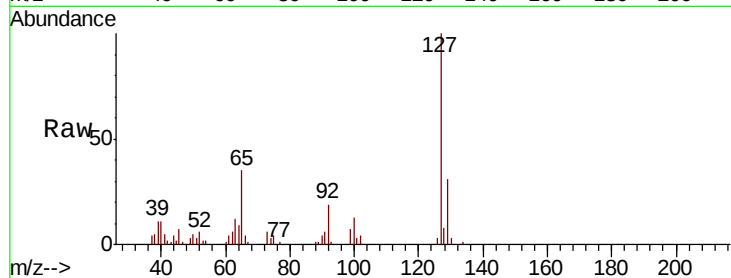




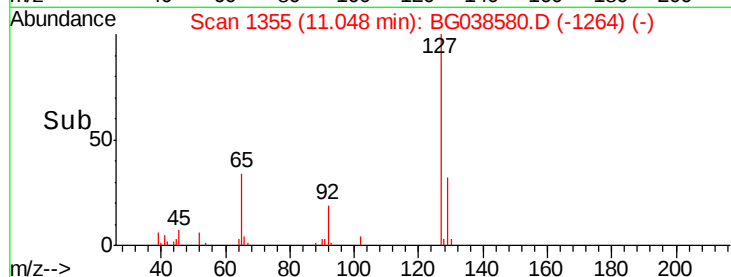
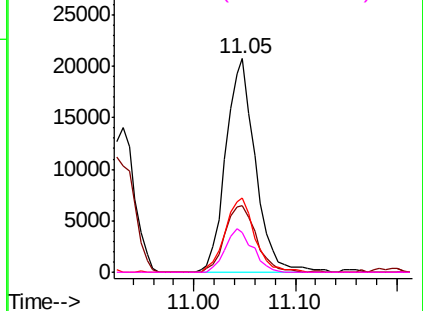
#33
4-Chloroaniline
Concen: 20.964 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion:	127	Resp:	41934
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	34.9	27.8	41.6
92	18.8	17.0	25.6

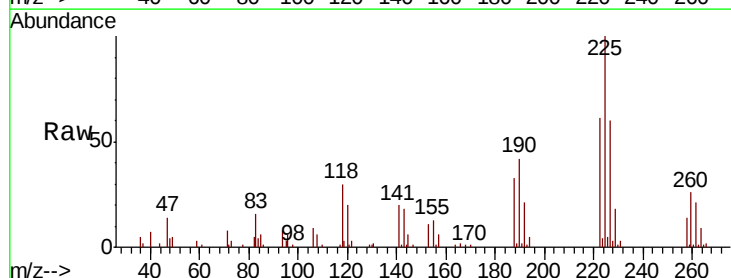


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

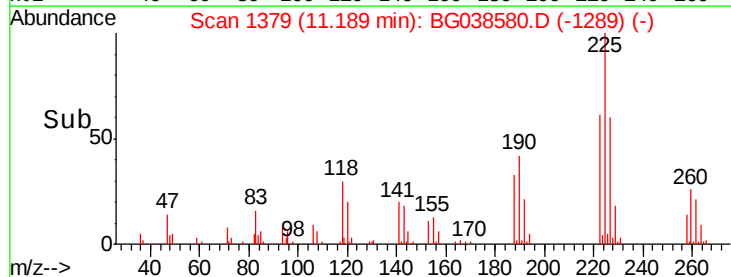
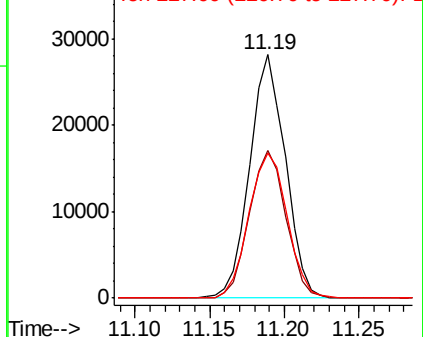


#34
Hexachlorobutadiene
Concen: 37.669 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:	225	Resp:	46521
Ion	Ratio	Lower	Upper
225	100		
223	57.8	45.0	67.6
227	56.8	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: 21.642 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

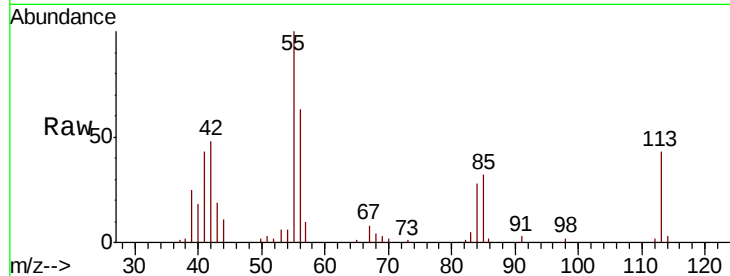
Tgt Ion:113 Resp: 13533

Ion Ratio Lower Upper

113 100

55 235.3 204.3 244.3

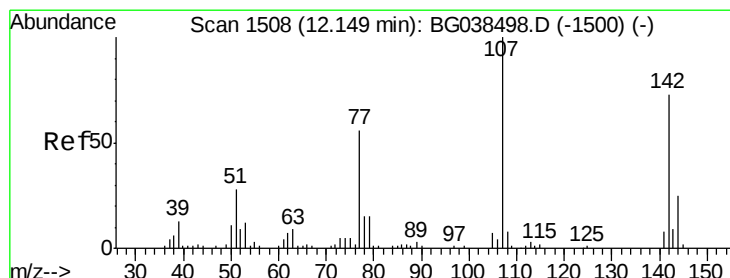
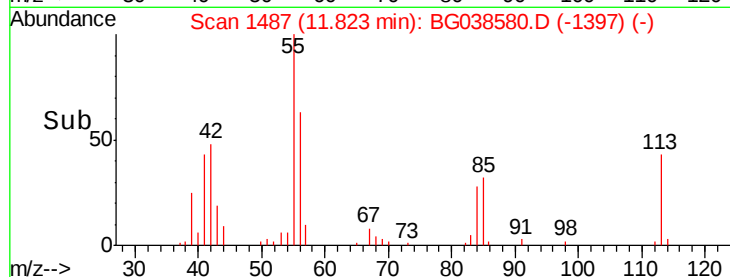
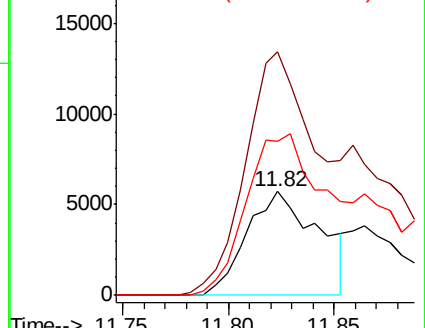
56 148.7 135.0 175.0



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: 40.691 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

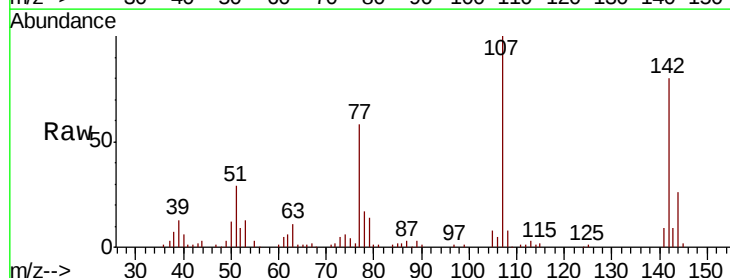
Tgt Ion:107 Resp: 70163

Ion Ratio Lower Upper

107 100

144 25.7 20.1 30.1

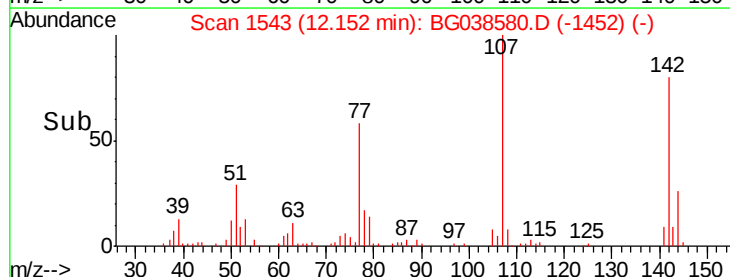
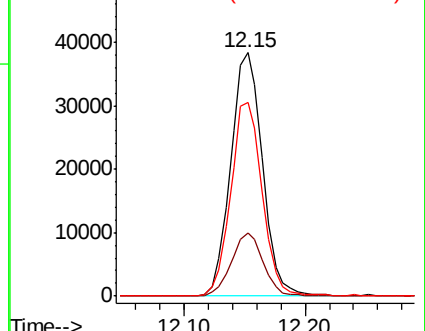
142 79.8 58.7 88.1

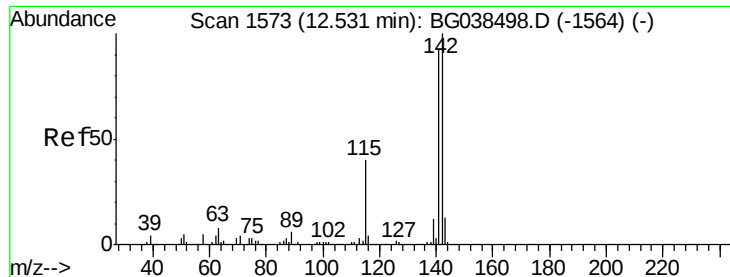


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

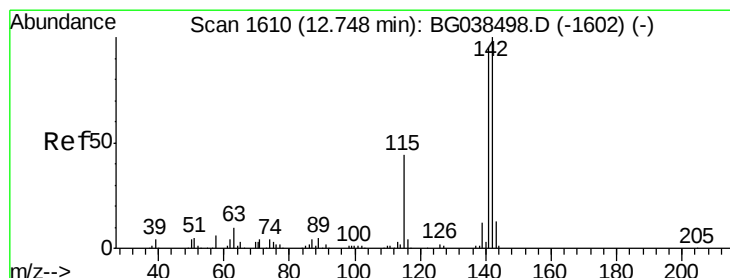
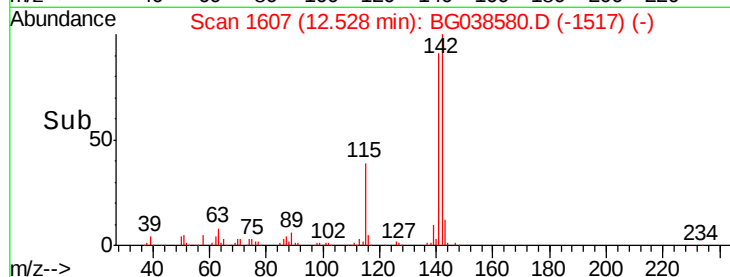
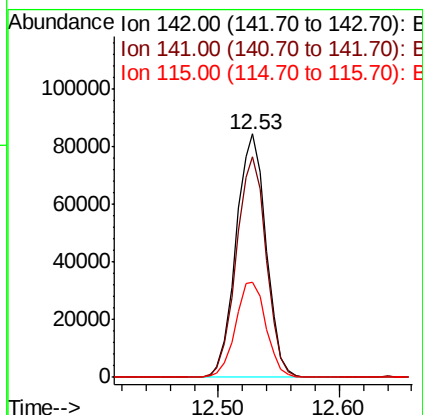
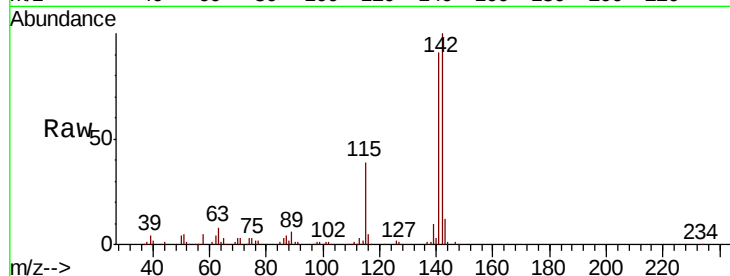




#37
 2-Methylnaphthalene
 Concen: 44.411 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

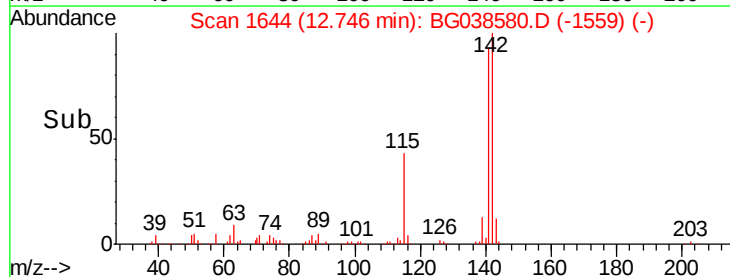
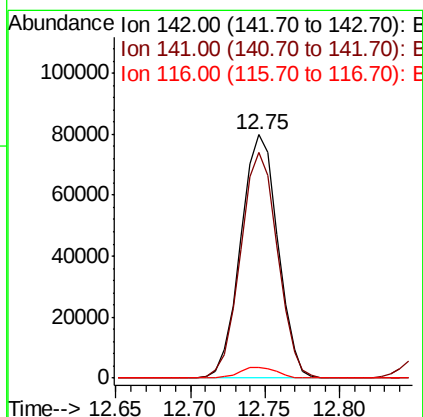
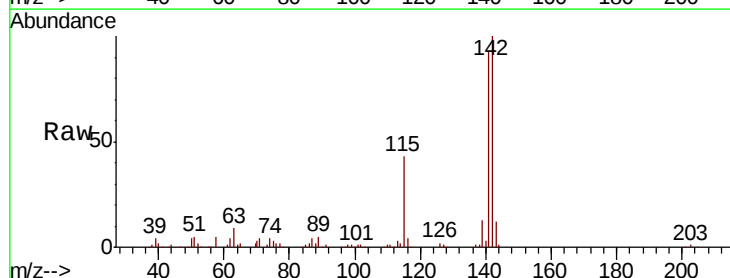
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

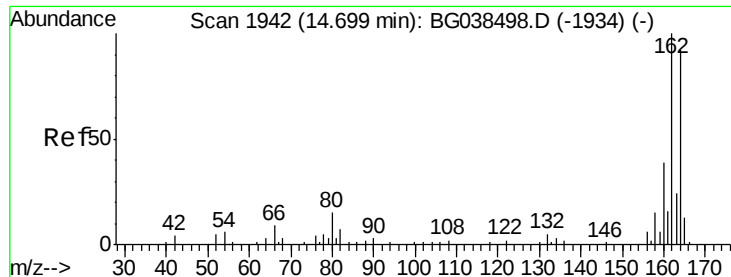
Tgt Ion:142 Resp: 145971
 Ion Ratio Lower Upper
 142 100
 141 90.5 73.5 110.3
 115 39.0 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 43.103 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:142 Resp: 137478
 Ion Ratio Lower Upper
 142 100
 141 92.6 75.8 113.8
 116 4.5 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: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

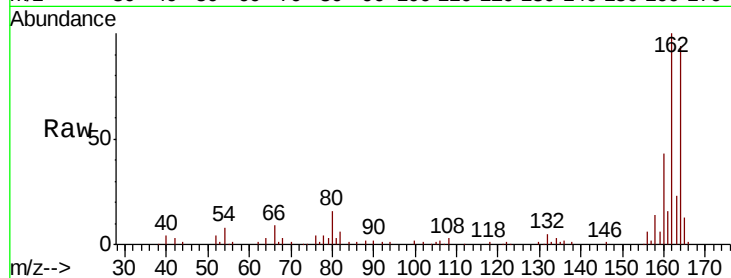
Tgt Ion:164 Resp: 60008

Ion Ratio Lower Upper

164 100

162 105.8 86.6 130.0

160 45.1 34.2 51.2

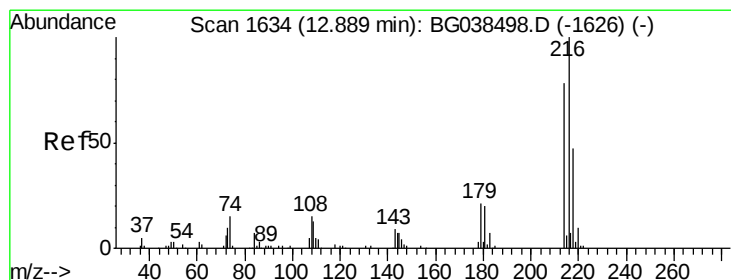
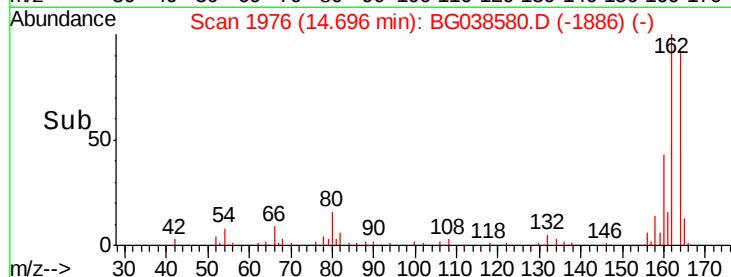
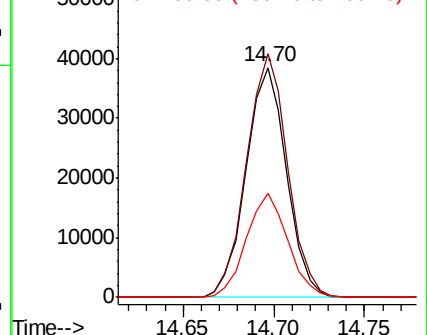


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.621 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Tgt Ion:216 Resp: 84387

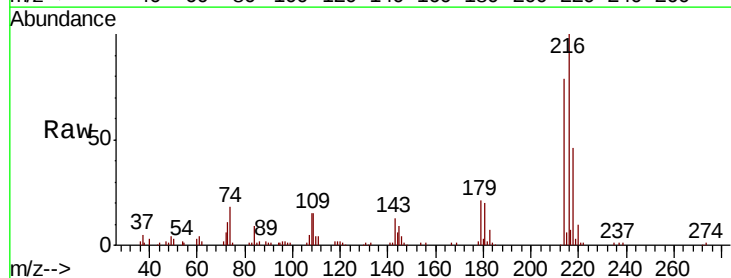
Ion Ratio Lower Upper

216 100

214 79.5 64.1 96.1

179 21.0 16.4 24.6

108 19.7 13.9 20.9



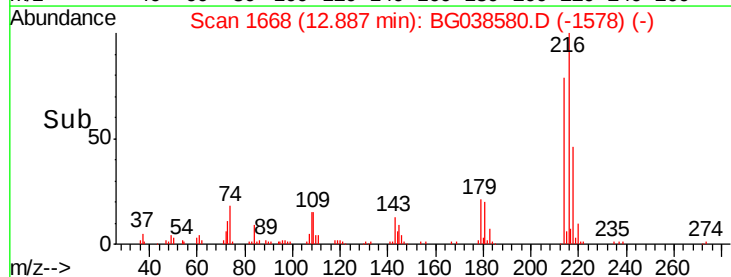
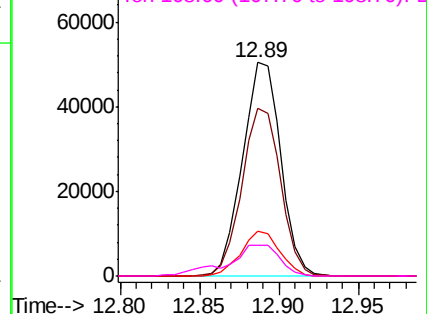
Abundance

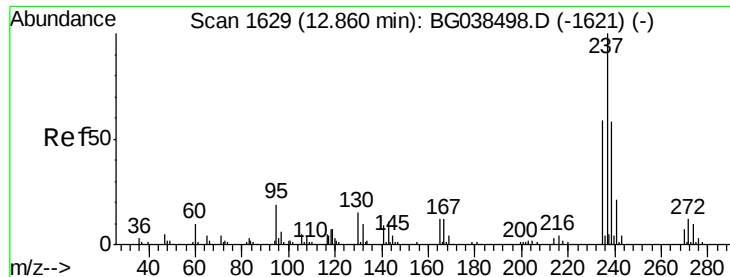
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.489 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

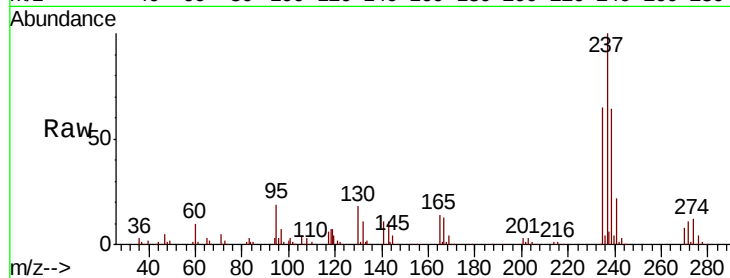
Tgt Ion:237 Resp: 113978

Ion Ratio Lower Upper

237 100

235 65.2 38.8 78.8

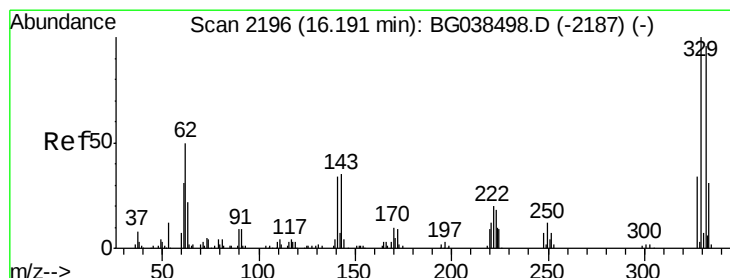
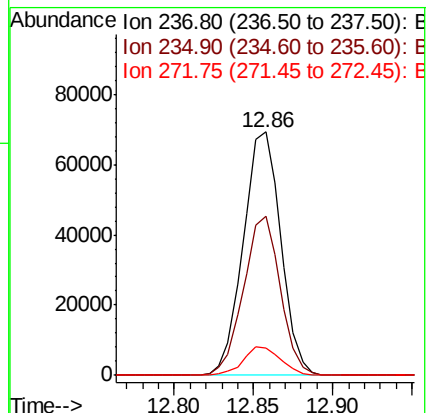
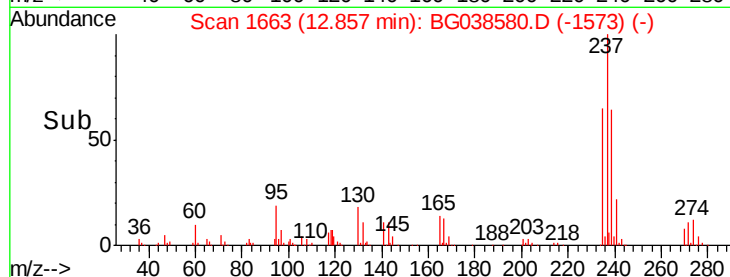
272 11.3 0.0 32.0



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: 124.700 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

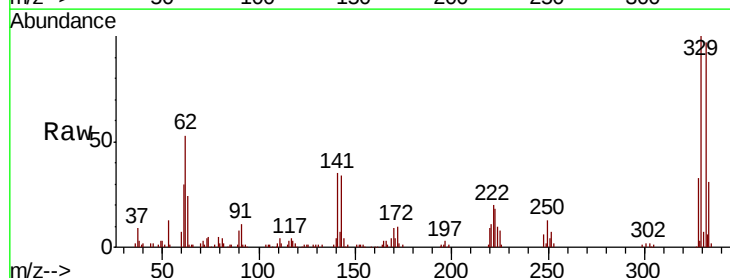
Tgt Ion:330 Resp: 103129

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

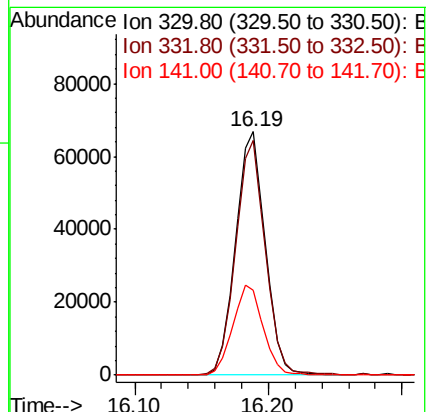
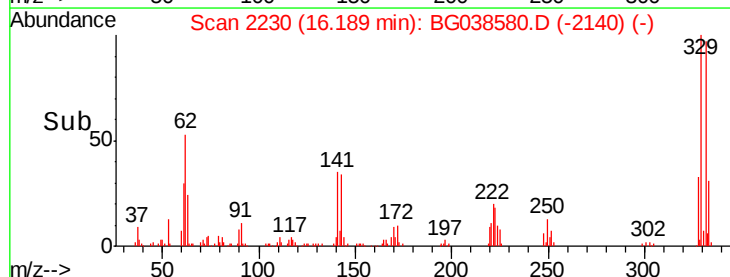
141 37.5 28.8 43.2



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

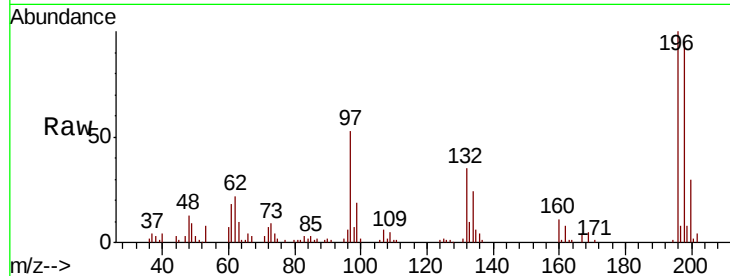




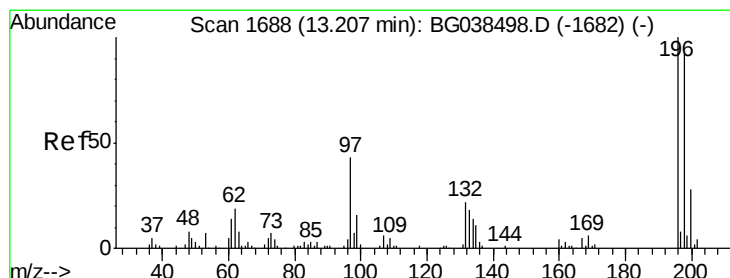
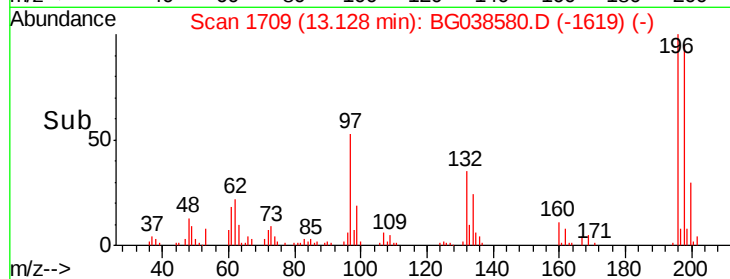
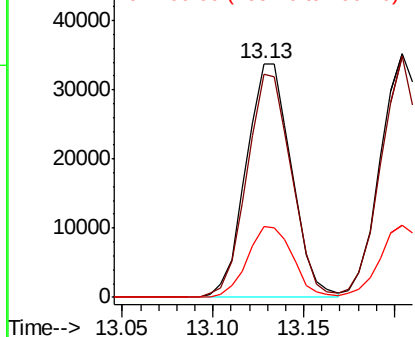
#43
 2,4,6-Trichlorophenol
 Concen: 42.428 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:196 Resp: 58516
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.0 112.4
 200 32.2 22.4 33.6



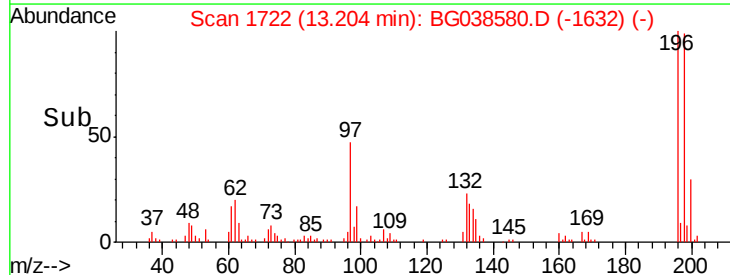
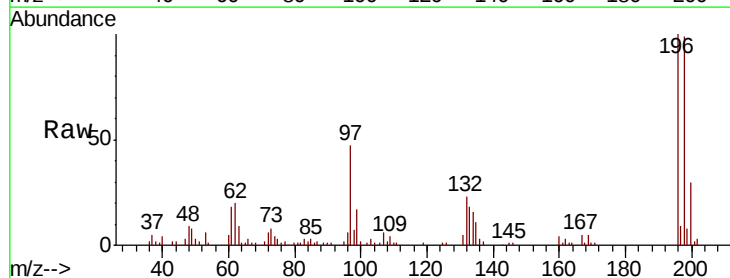
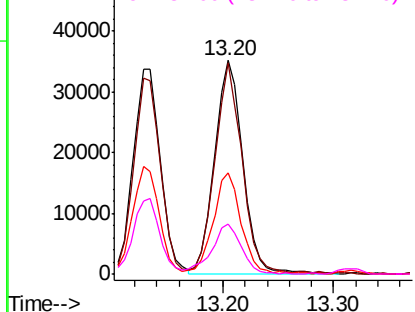
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

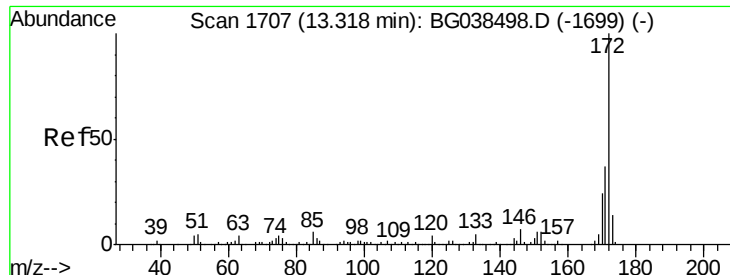


#44
 2,4,5-Trichlorophenol
 Concen: 42.896 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:196 Resp: 62639
 Ion Ratio Lower Upper
 196 100
 198 99.0 74.0 111.0
 97 47.3 35.1 52.7
 132 23.3 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

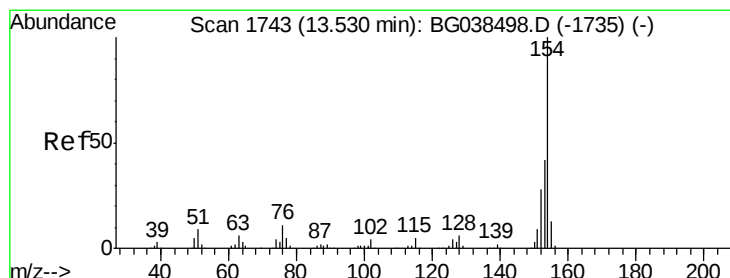
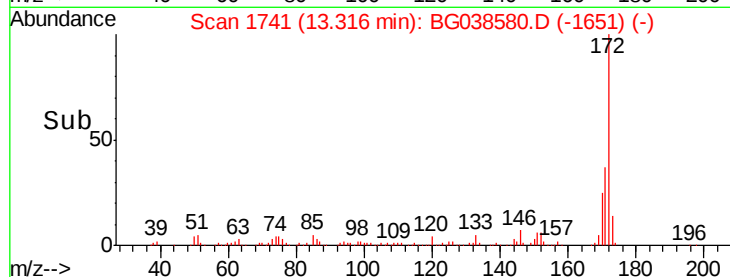
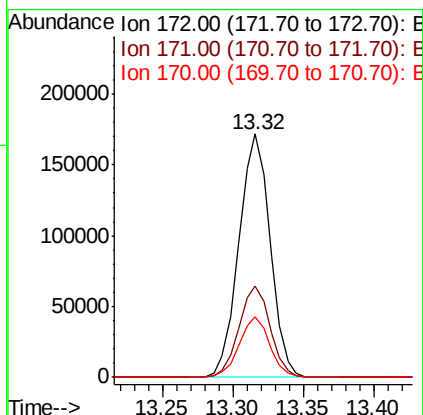
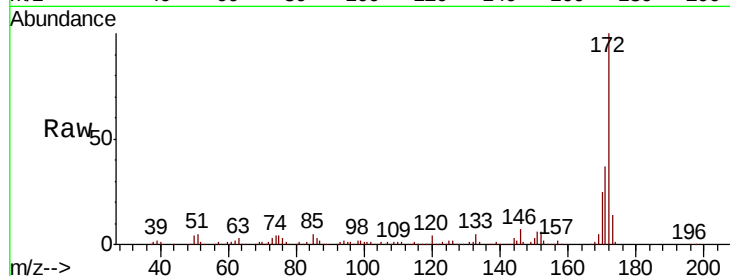




#45
2-Fluorobiphenyl
Concen: 60.855 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

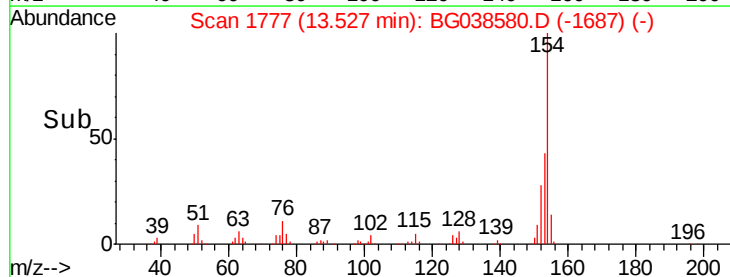
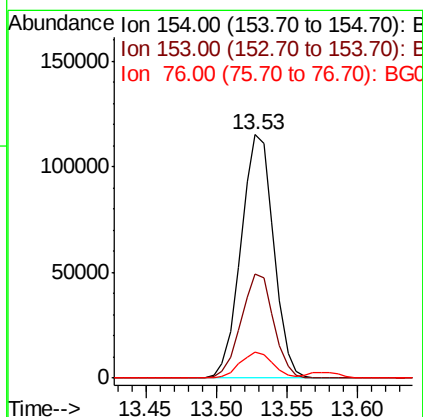
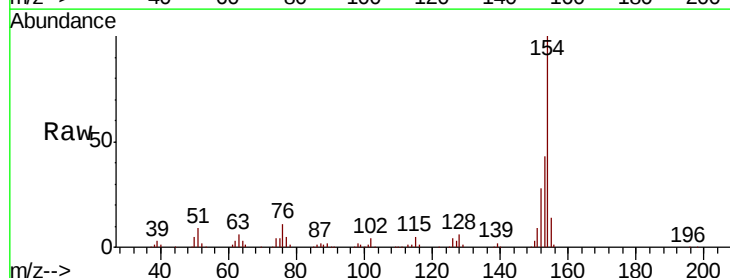
Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	24.7	19.5	29.3



#46
1,1'-Biphenyl
Concen: 37.006 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.1	62.1
76	10.7	0.0	31.2

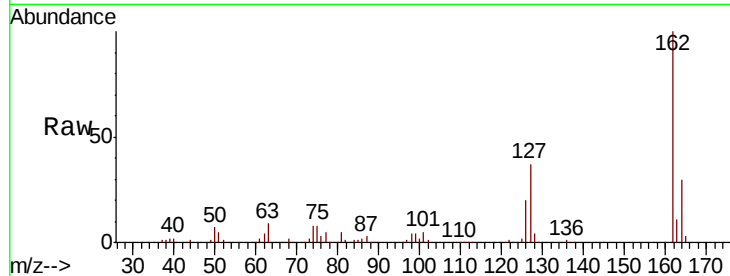




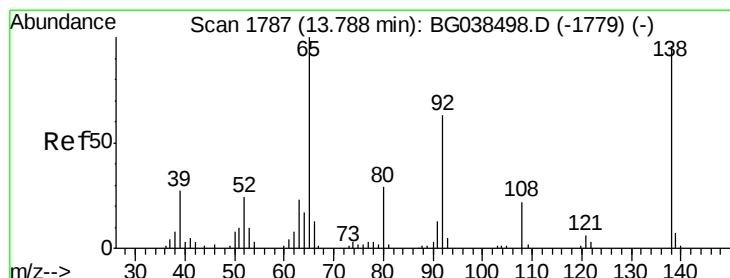
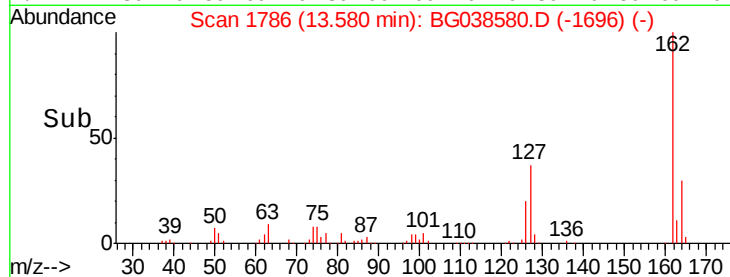
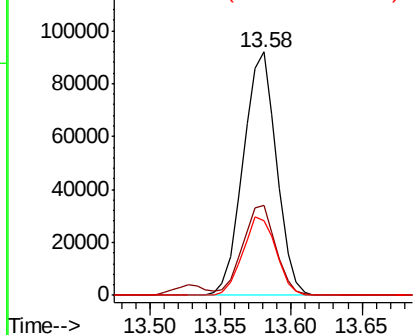
#47
 2-Chloronaphthalene
 Concen: 38.993 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion: 162 Resp: 151521
 Ion Ratio Lower Upper
 162 100
 127 37.0 27.8 41.8
 164 30.4 26.9 40.3

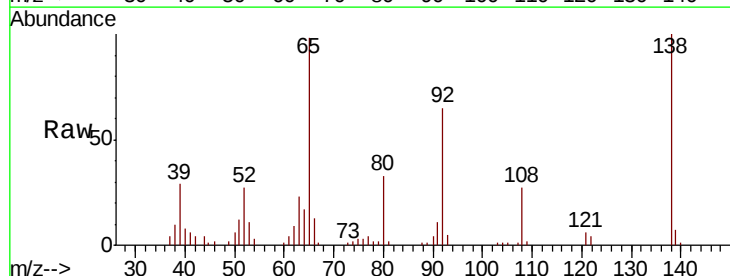


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

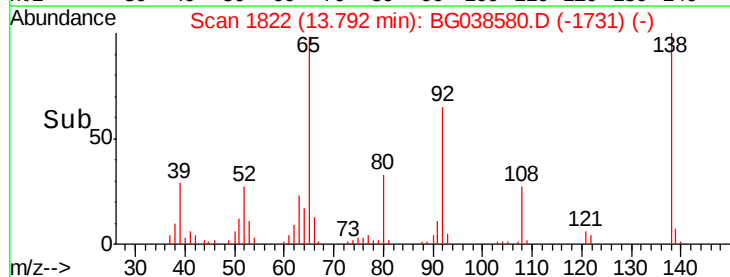
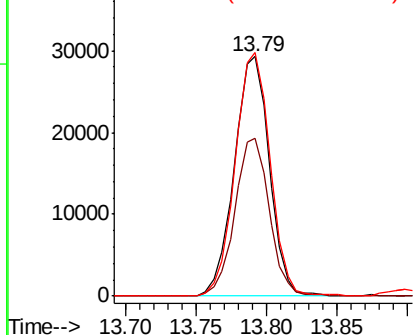


#48
 2-Nitroaniline
 Concen: 40.958 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 65 Resp: 50696
 Ion Ratio Lower Upper
 65 100
 92 65.7 50.0 75.0
 138 101.6 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: 42.270 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

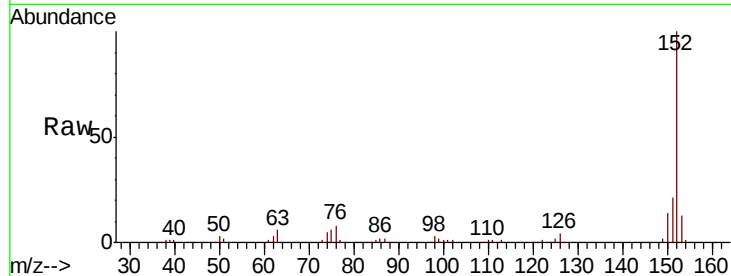
Tgt Ion:152 Resp: 245557

Ion Ratio Lower Upper

152 100

151 21.3 16.4 24.6

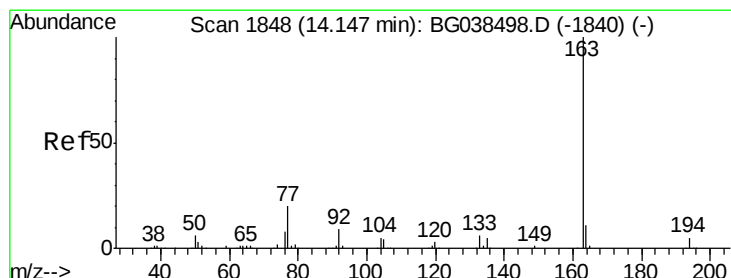
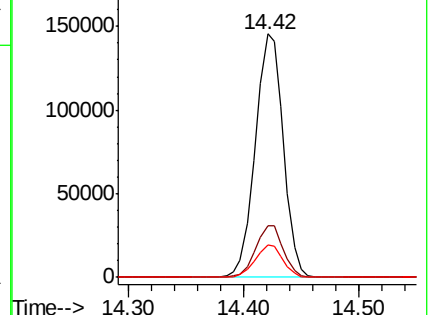
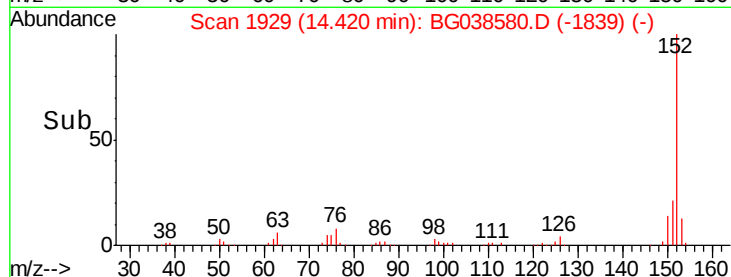
153 13.2 10.4 15.6



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: 40.433 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

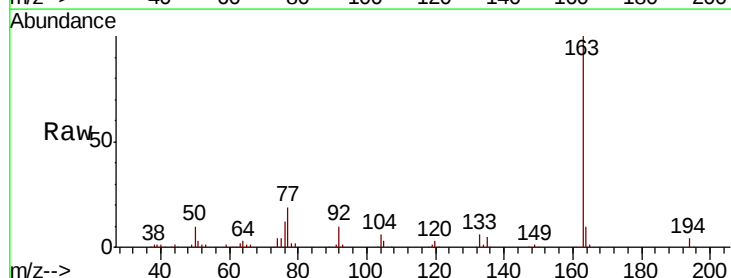
Tgt Ion:163 Resp: 198138

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

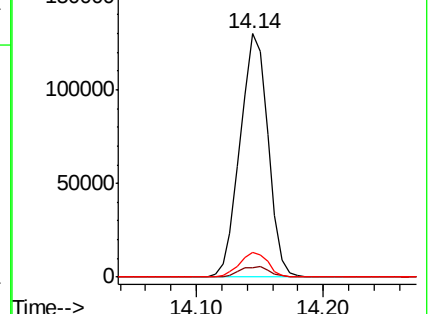
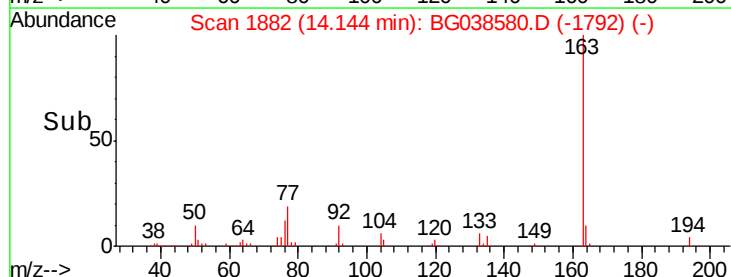
164 10.2 8.6 12.8

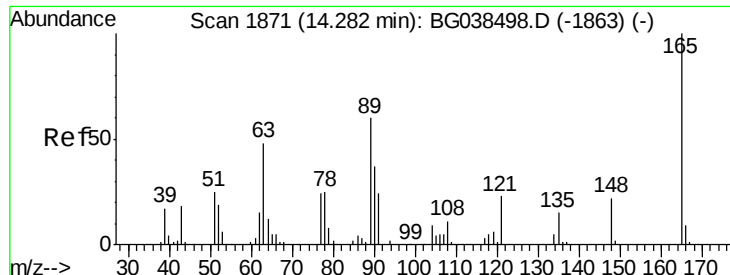


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

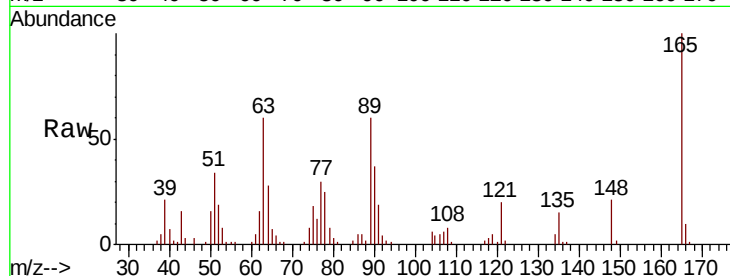




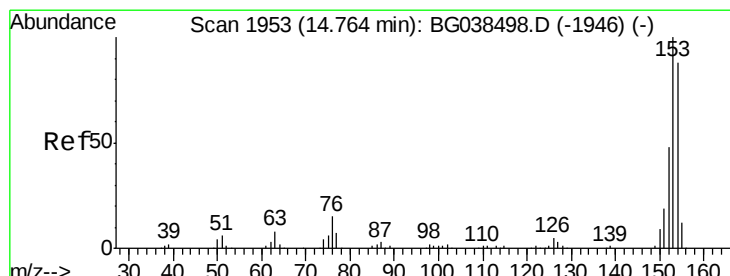
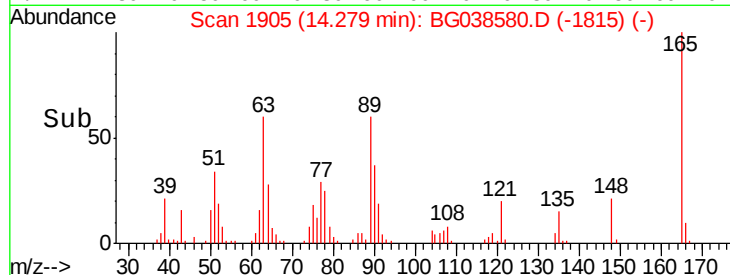
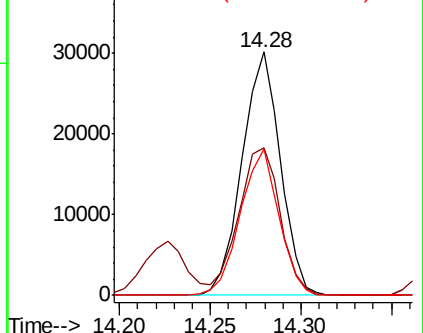
#51
 2,6-Dinitrotoluene
 Concen: 39.997 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:165 Resp: 44418
 Ion Ratio Lower Upper
 165 100
 63 60.4 51.8 77.6
 89 60.1 47.9 71.9

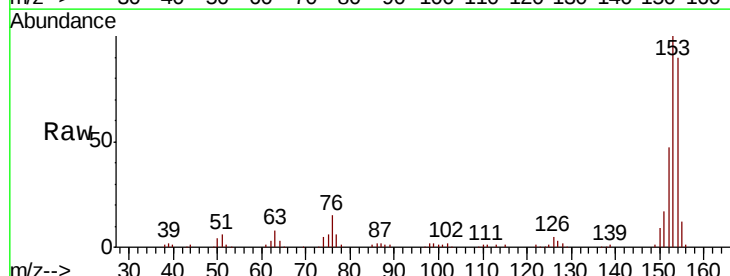


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

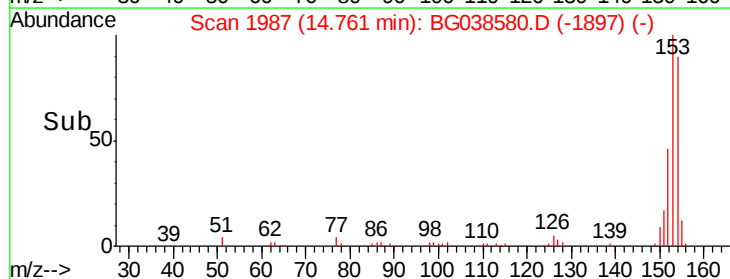
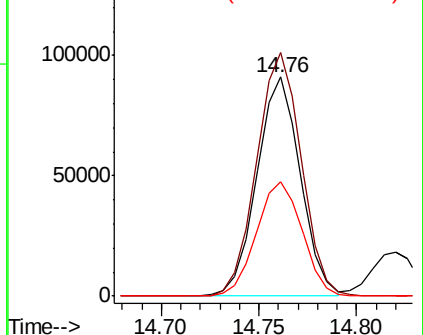


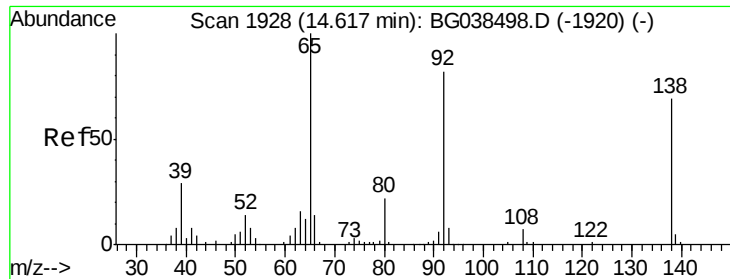
#52
 Acenaphthene
 Concen: 40.336 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:154 Resp: 140116
 Ion Ratio Lower Upper
 154 100
 153 111.3 90.6 136.0
 152 52.4 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: 28.104 ng

RT: 14.61 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

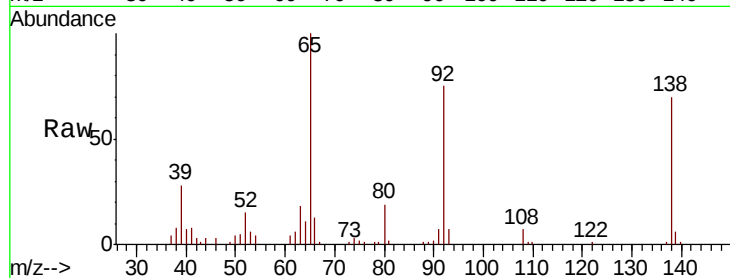
Tgt Ion:138 Resp: 31815

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

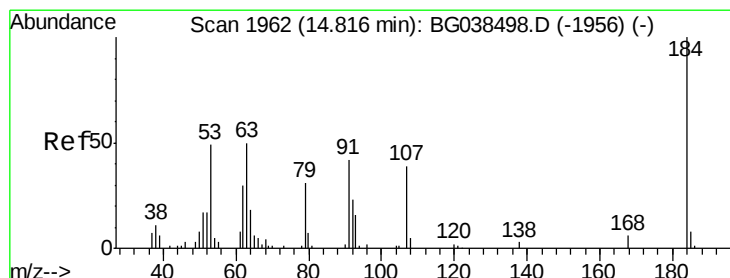
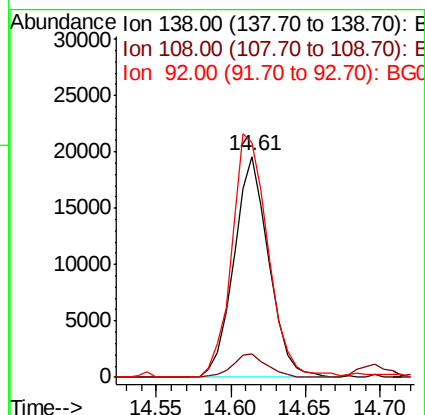
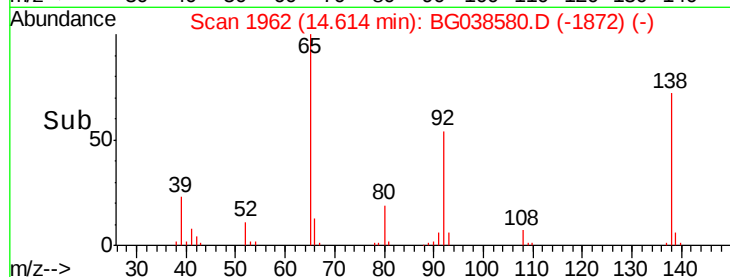
92 106.1 95.3 142.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 75.218 ng

RT: 14.82 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

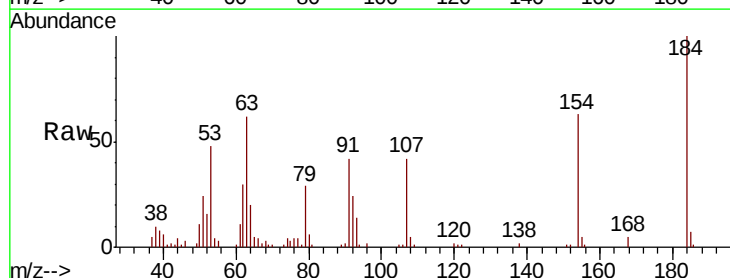
Tgt Ion:184 Resp: 49483

Ion Ratio Lower Upper

184 100

63 62.2 47.0 70.6

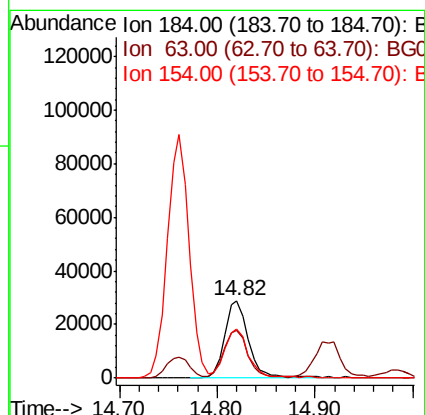
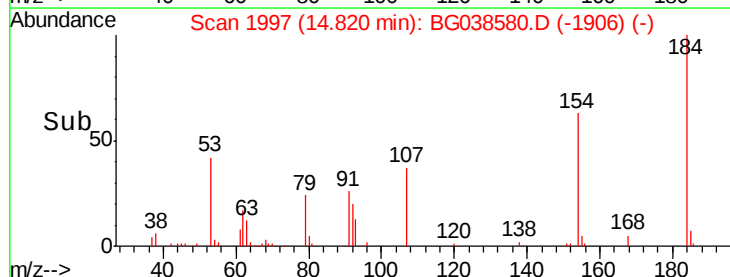
154 63.1 50.3 75.5

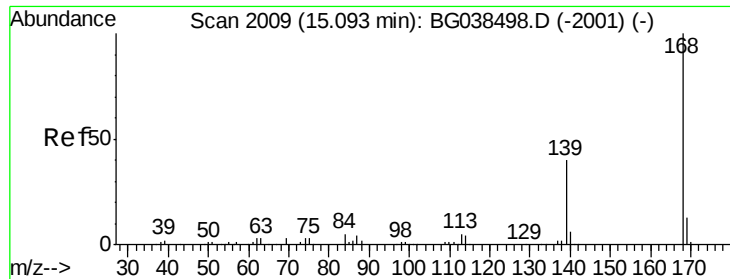


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

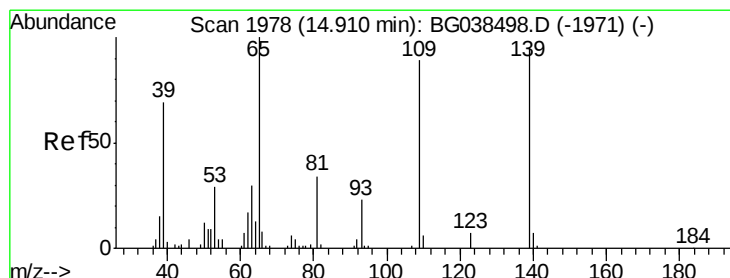
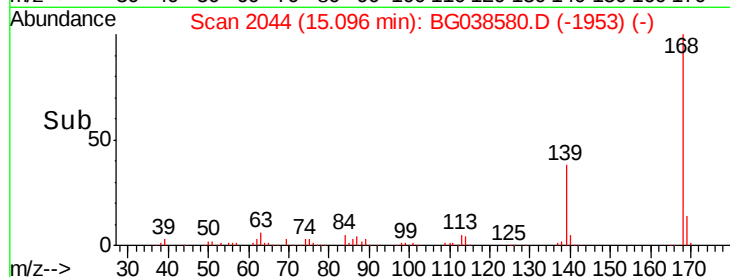
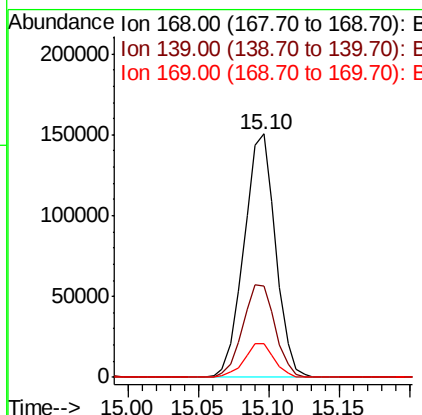
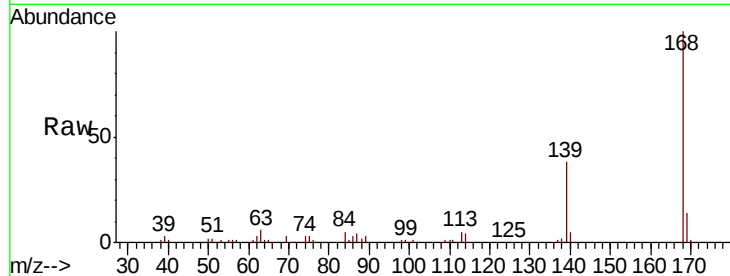




#55
Dibenzenofuran
Concen: 39.470 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

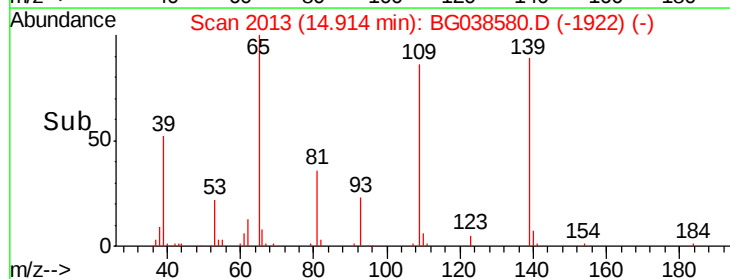
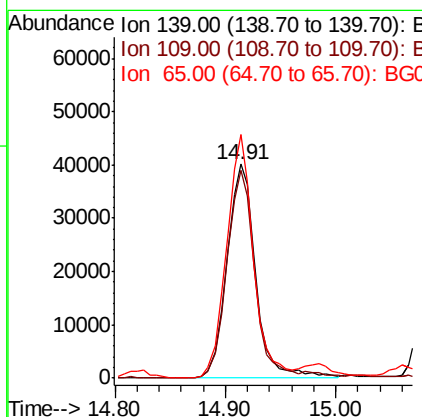
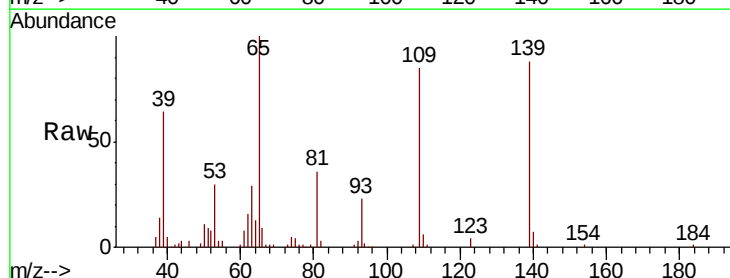
Instrument :
BNA_G
ClientSampleId :
PB115428BS

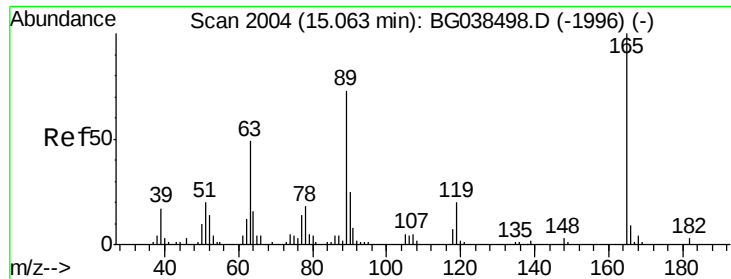
Tgt Ion:168 Resp: 235021
Ion Ratio Lower Upper
168 100
139 37.5 32.2 48.2
169 14.1 10.6 16.0



#56
4-Nitrophenol
Concen: 85.039 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:139 Resp: 73032
Ion Ratio Lower Upper
139 100
109 96.9 73.6 113.6
65 113.7 84.8 124.8

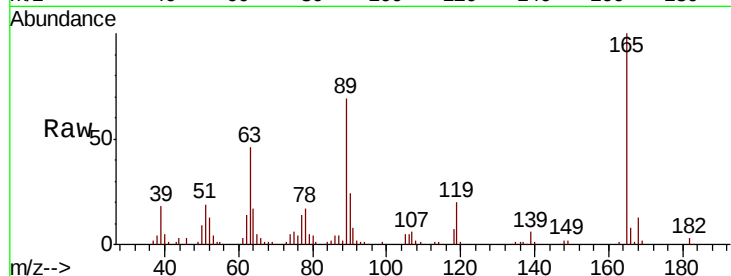




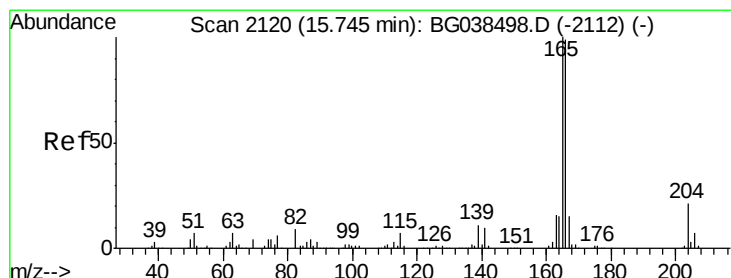
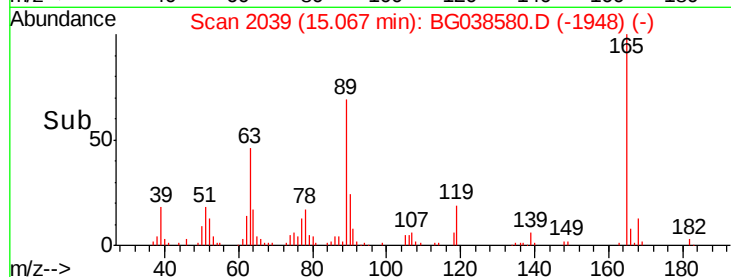
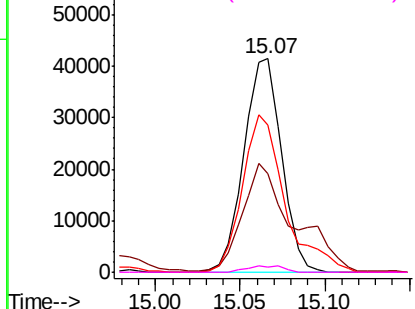
#57
 2,4-Dinitrotoluene
 Concen: 41.296 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:165 Resp: 64592
 Ion Ratio Lower Upper
 165 100
 63 46.4 39.0 58.4
 89 69.0 58.0 87.0
 182 2.6 2.3 3.5

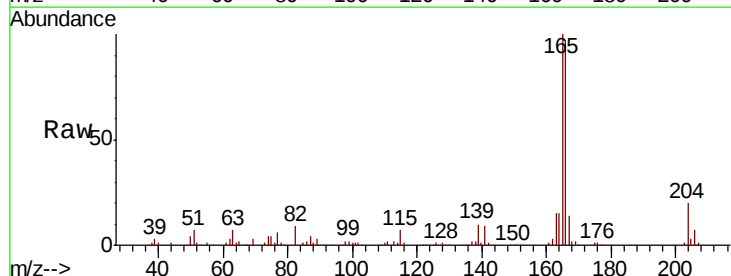


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

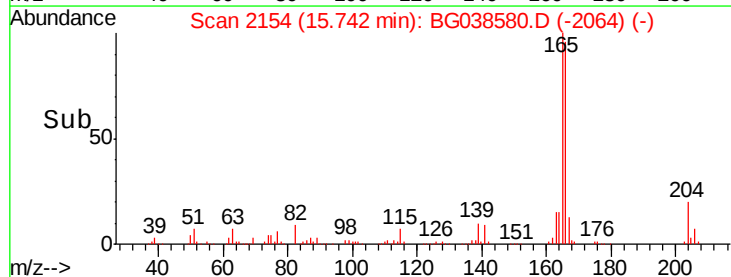
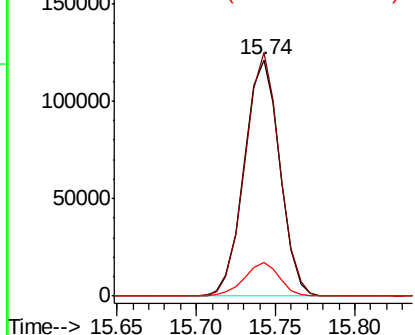


#58
 Fluorene
 Concen: 42.662 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:166 Resp: 188208
 Ion Ratio Lower Upper
 166 100
 165 103.1 80.6 120.8
 167 14.2 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

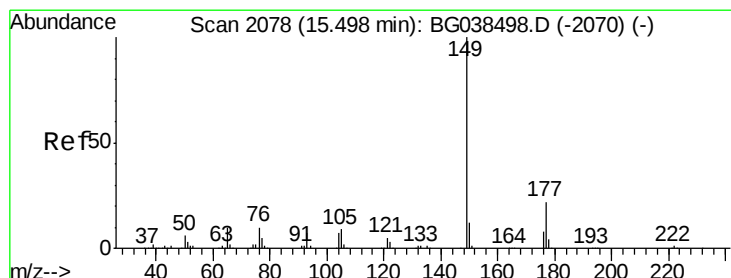
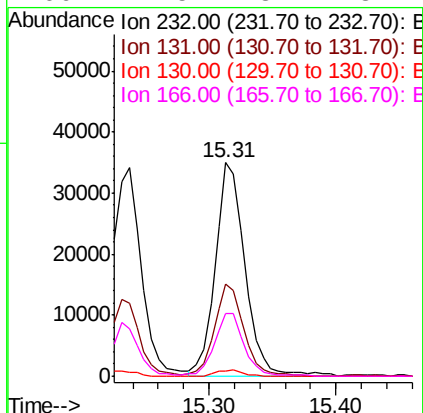
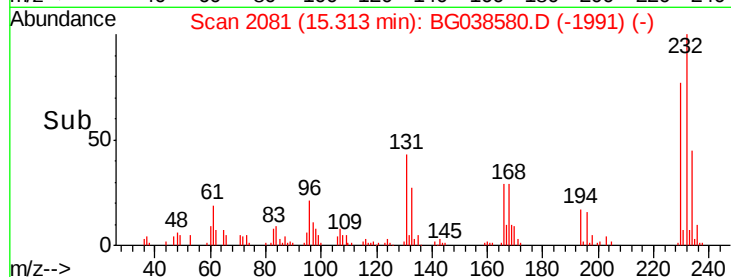
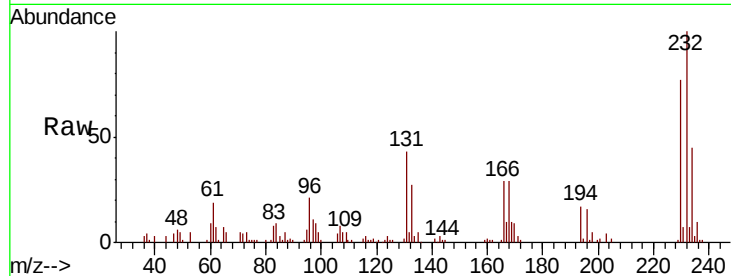




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.531 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

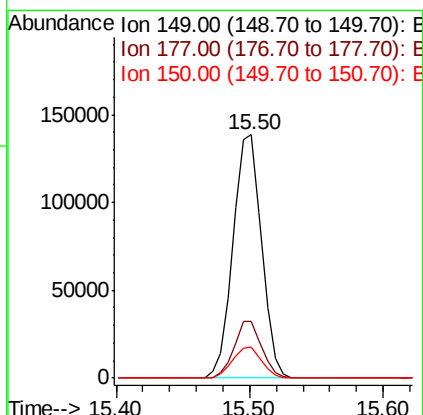
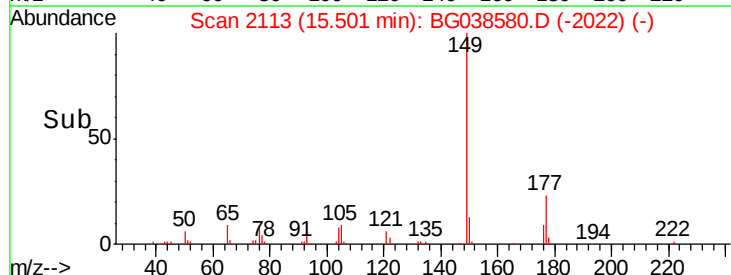
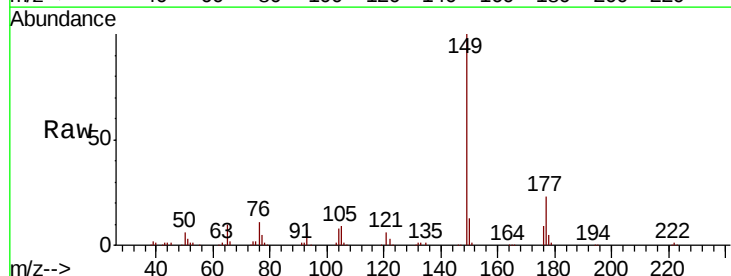
Instrument :
BNA_G
ClientSampleId :
PB115428BS

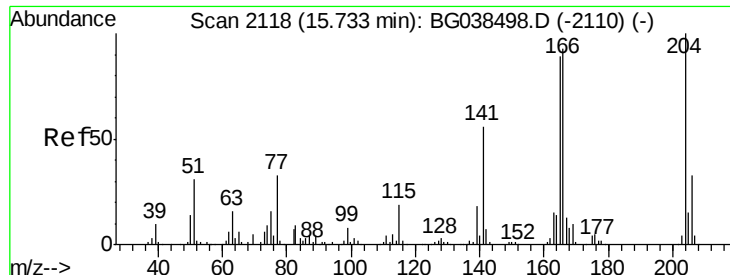
Tgt Ion:232 Resp: 57189
Ion Ratio Lower Upper
232 100
131 42.3 33.0 49.4
130 2.5 2.0 3.0
166 27.5 23.1 34.7



#60
Diethylphthalate
Concen: 38.320 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:149 Resp: 206145
Ion Ratio Lower Upper
149 100
177 23.5 17.7 26.5
150 12.8 9.9 14.9

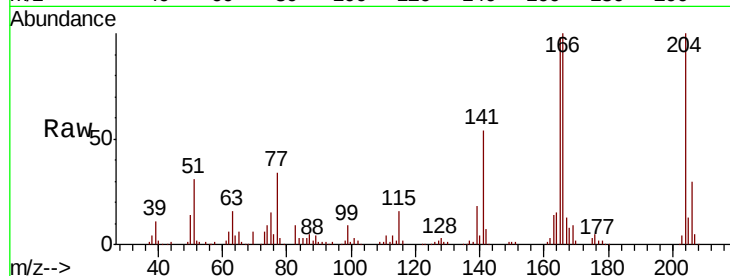




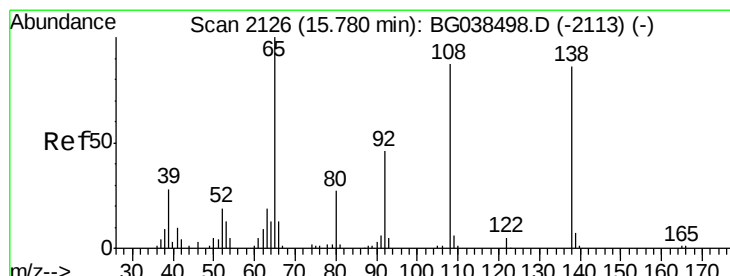
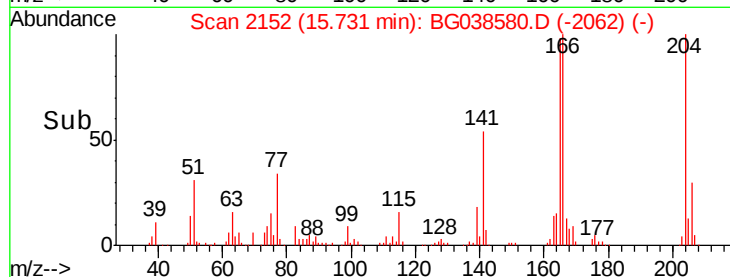
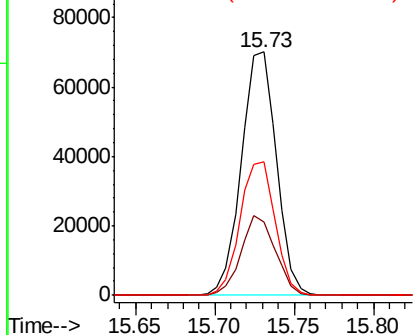
#61
 4-Chlorophenyl-phenylether
 Concen: 39.168 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion: 204 Resp: 107810
 Ion Ratio Lower Upper
 204 100
 206 30.3 26.0 39.0
 141 54.6 44.4 66.6

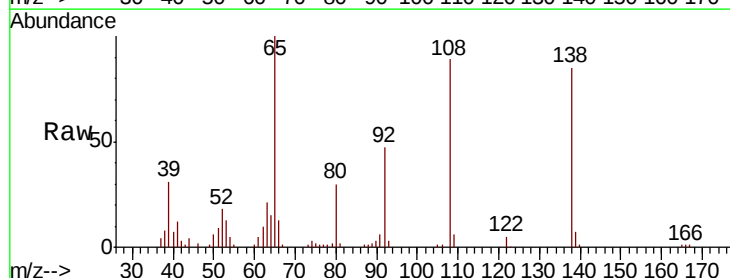


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

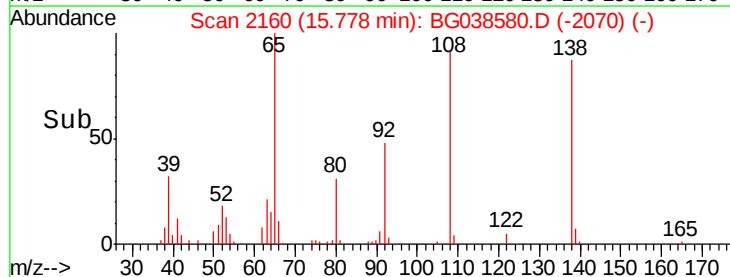
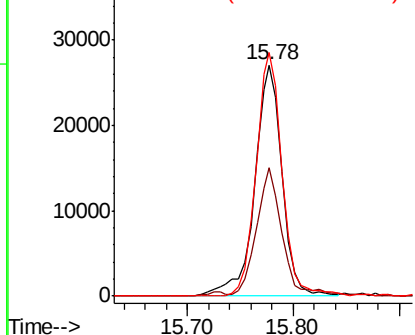


#62
 4-Nitroaniline
 Concen: 41.983 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion: 138 Resp: 48930
 Ion Ratio Lower Upper
 138 100
 92 55.3 33.3 73.3
 108 105.3 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

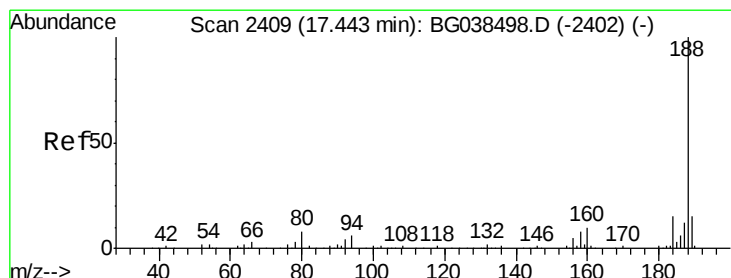
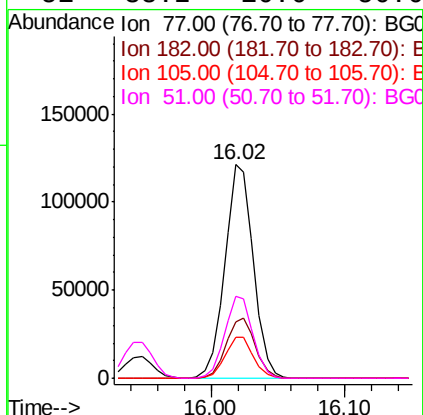
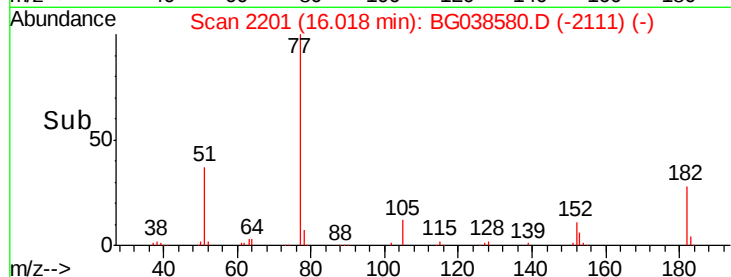
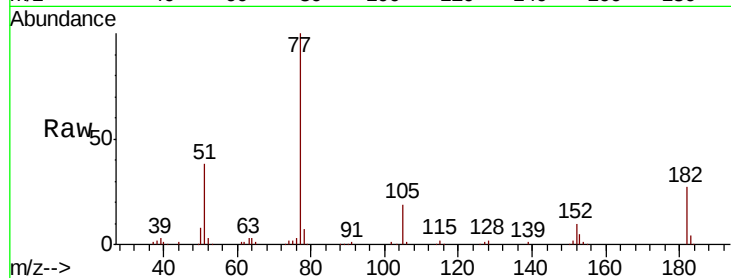




#63
Azobenzene
Concen: 40.241 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

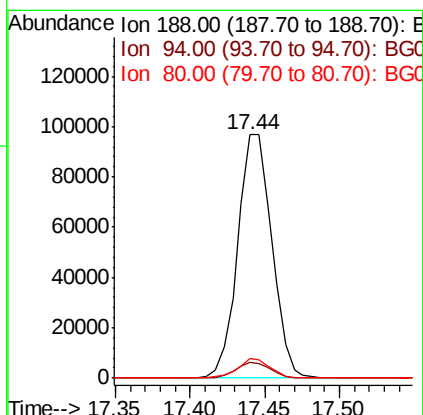
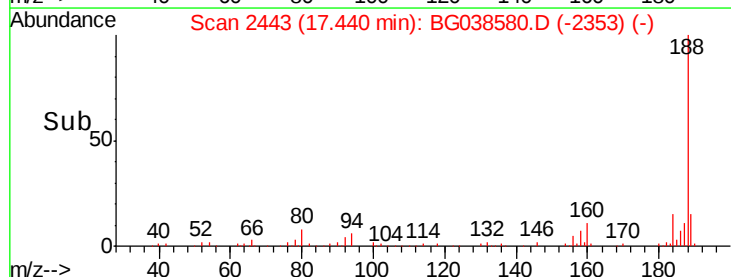
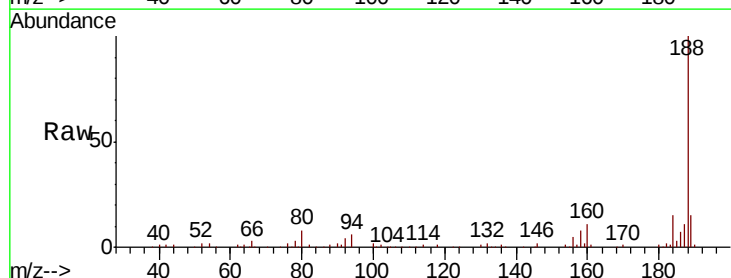
Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion: 77 Resp: 180845
Ion Ratio Lower Upper
77 100
182 26.7 8.7 48.7
105 19.1 0.0 38.7
51 38.2 16.6 56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion: 188 Resp: 153680
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 8.1 6.1 9.1

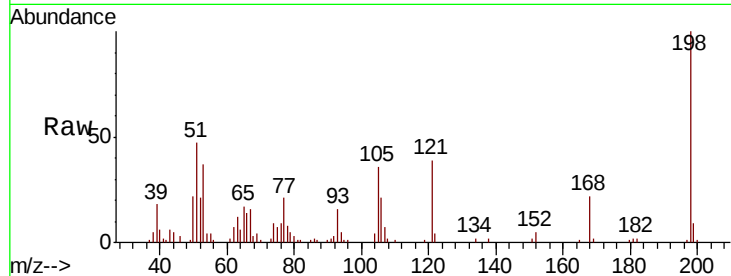




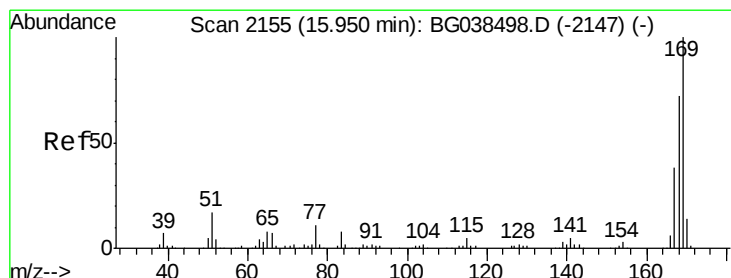
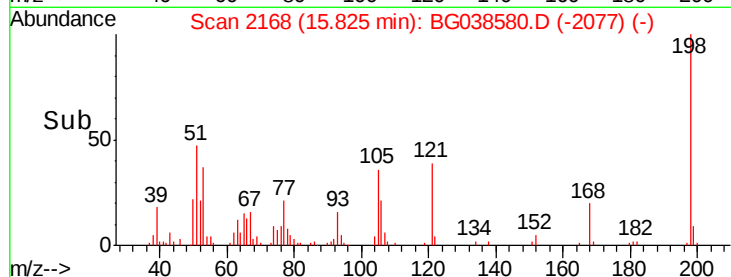
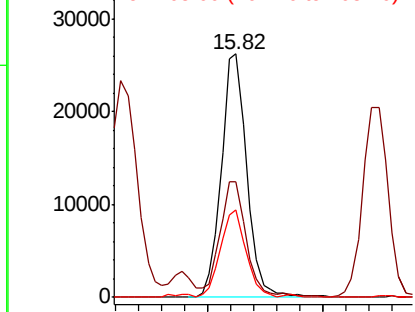
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.504 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:198 Resp: 40019
 Ion Ratio Lower Upper
 198 100
 51 47.5 28.6 68.6
 105 35.8 20.4 60.4

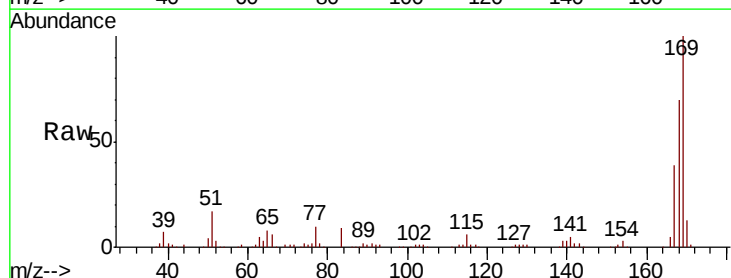


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

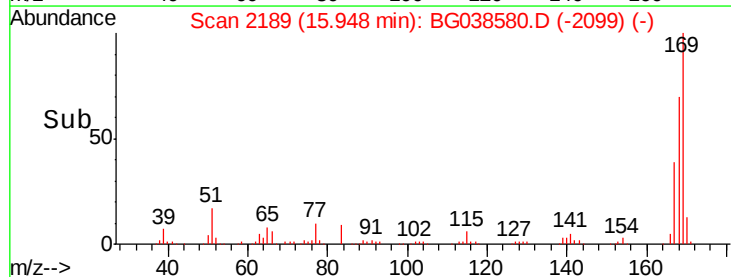
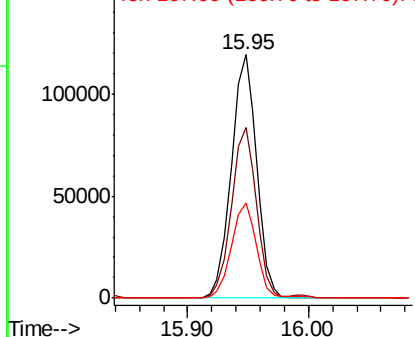


#66
 n-Nitrosodiphenylamine
 Concen: 38.482 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:169 Resp: 173762
 Ion Ratio Lower Upper
 169 100
 168 70.3 57.5 86.3
 167 39.3 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

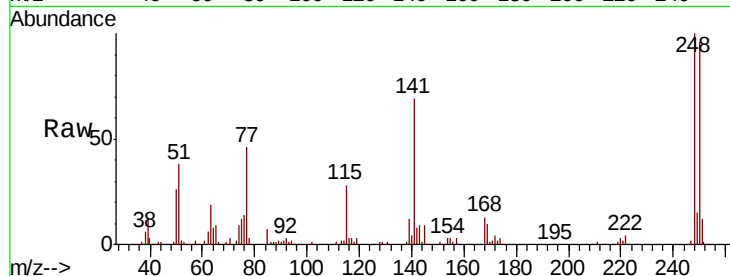




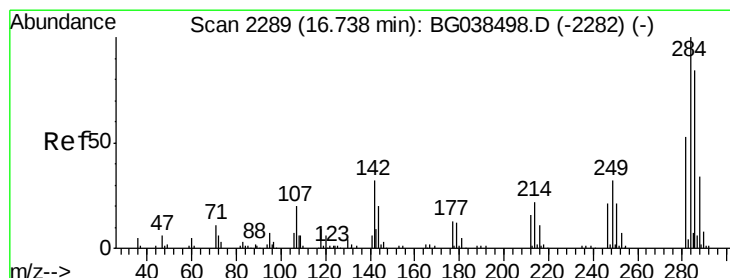
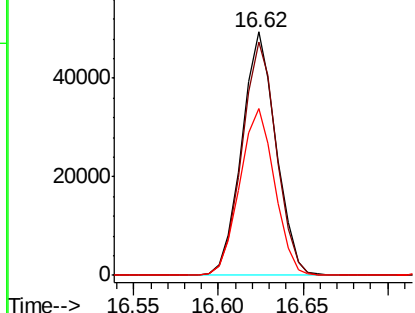
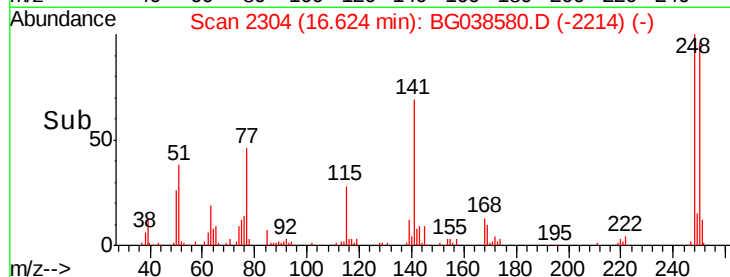
#67
 4-Bromophenyl-phenylether
 Concen: 37.109 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

Tgt Ion:248 Resp: 69648
 Ion Ratio Lower Upper
 248 100
 250 95.8 73.4 110.2
 141 68.5 52.9 79.3

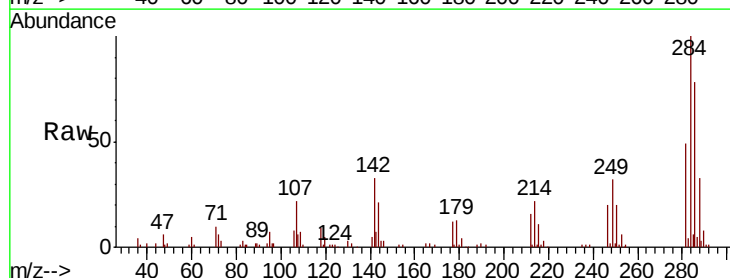


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

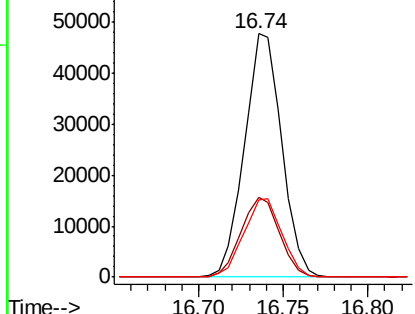
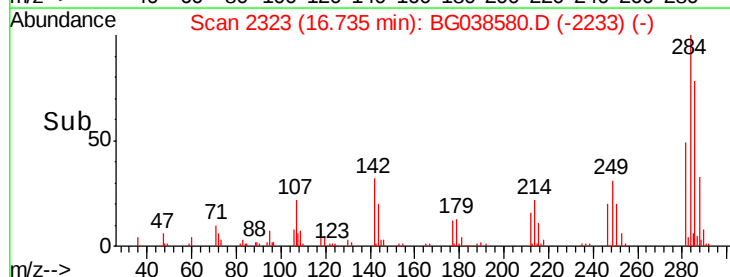


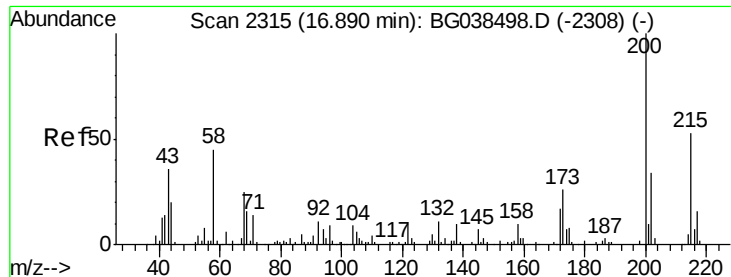
#68
 Hexachlorobenzene
 Concen: 37.599 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion:284 Resp: 73153
 Ion Ratio Lower Upper
 284 100
 142 32.8 25.8 38.6
 249 34.0 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: 44.220 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

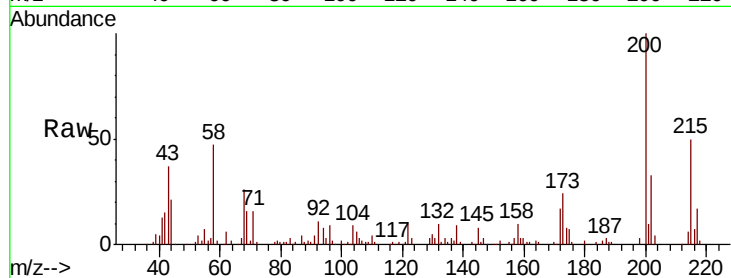
Tgt Ion:200 Resp: 74101

Ion Ratio Lower Upper

200 100

173 23.7 5.9 45.9

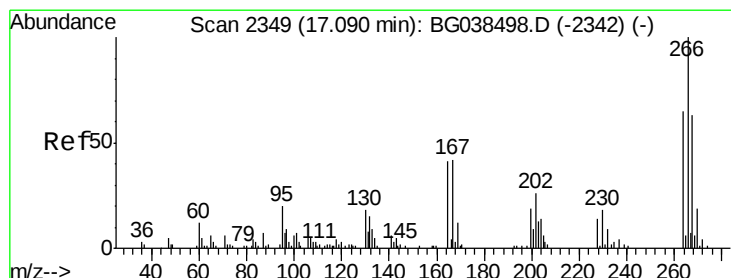
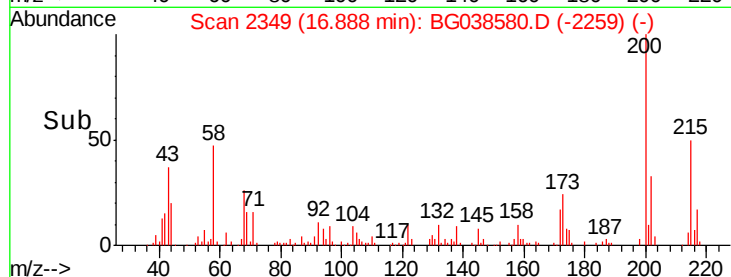
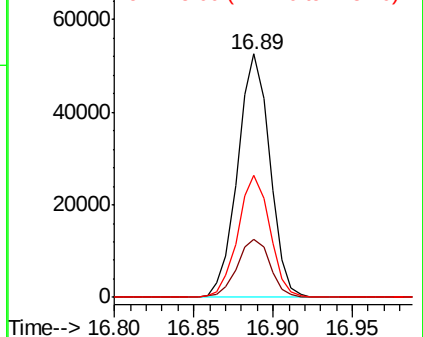
215 50.2 33.1 73.1



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: 71.450 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

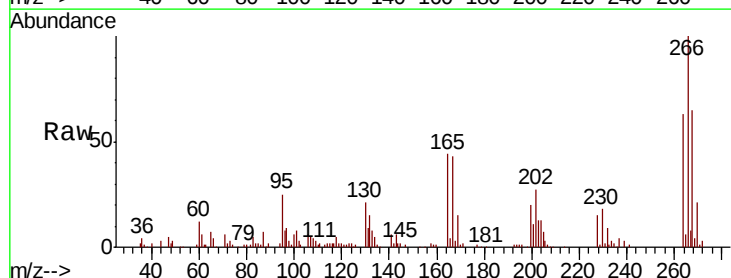
Tgt Ion:266 Resp: 82224

Ion Ratio Lower Upper

266 100

268 69.5 55.0 82.6

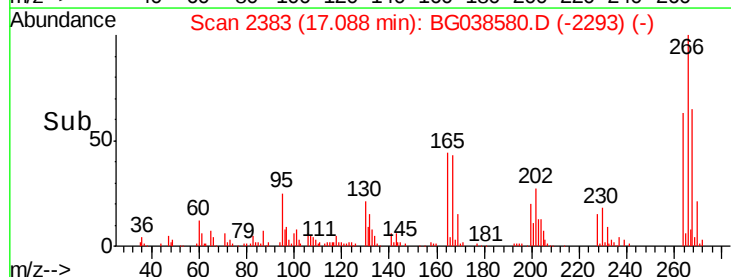
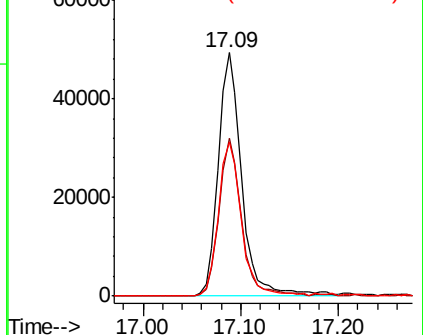
264 69.1 56.7 85.1

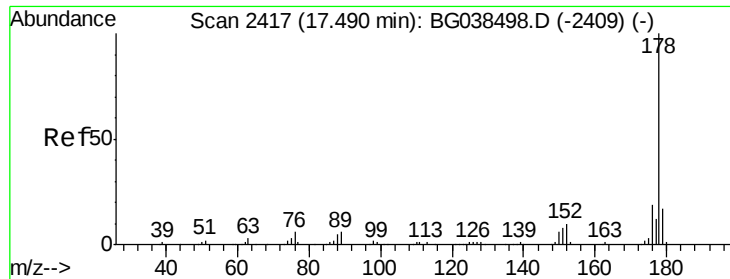


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

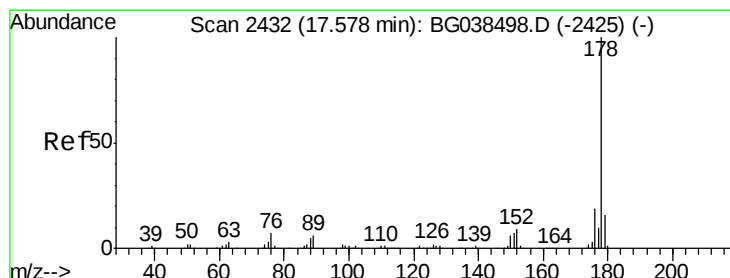
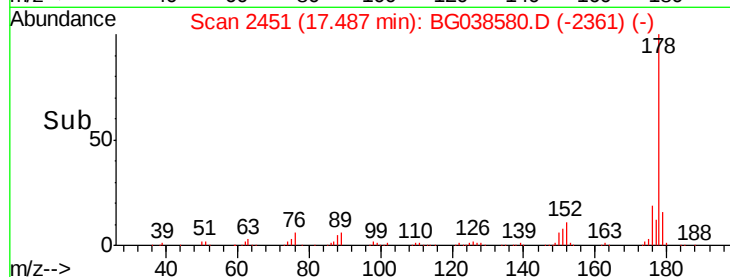
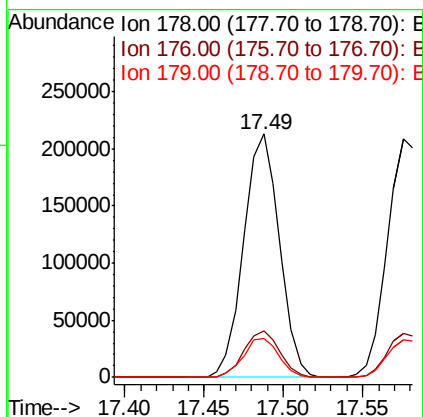
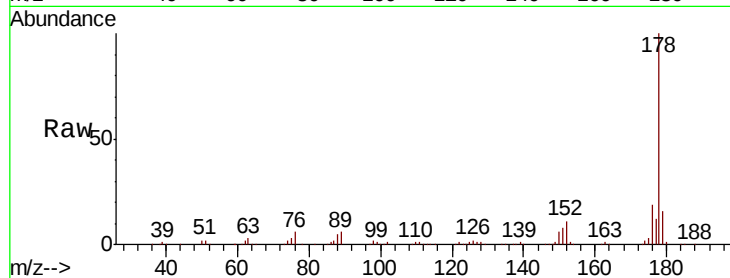




#71
Phenanthrene
Concen: 41.900 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

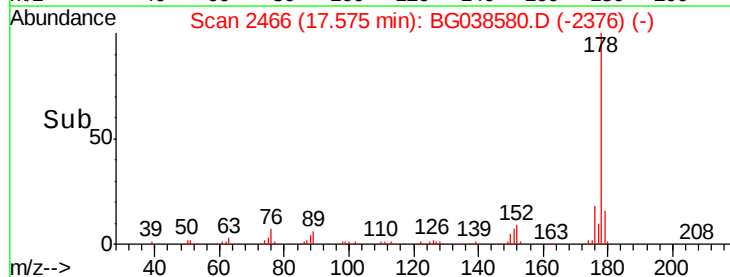
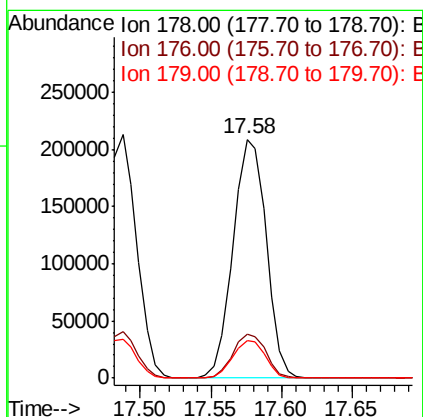
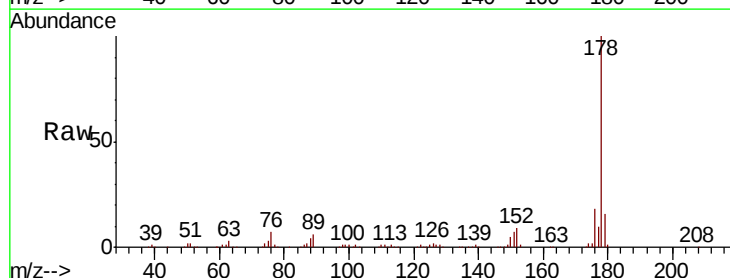
Instrument :
BNA_G
ClientSampleId :
PB115428BS

Tgt Ion:178 Resp: 333917
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 16.0 13.2 19.8



#72
Anthracene
Concen: 43.552 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion:178 Resp: 342643
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 16.0 12.9 19.3

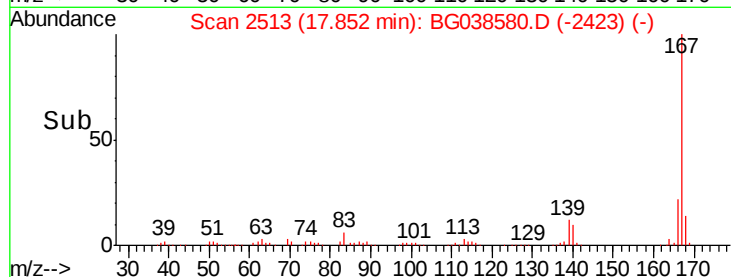
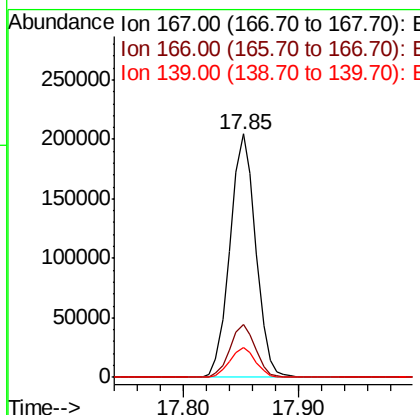
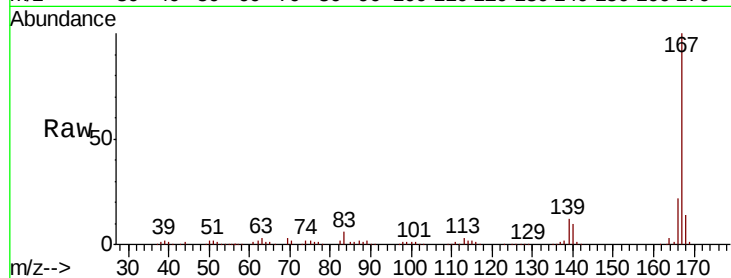




#73
 Carbazole
 Concen: 40.609 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

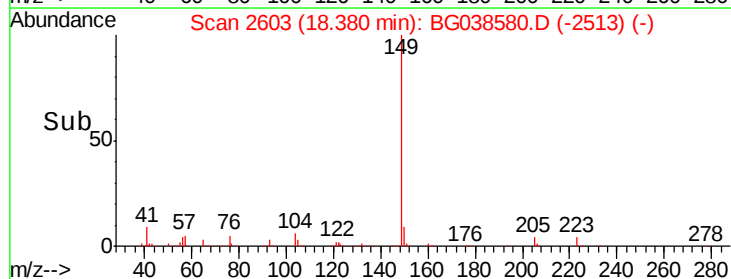
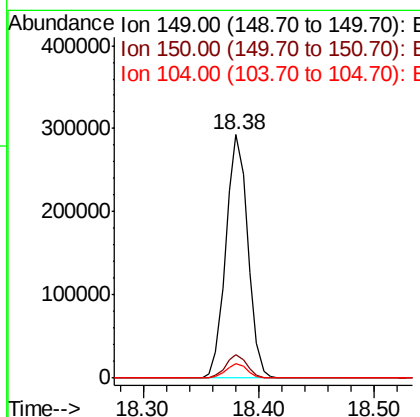
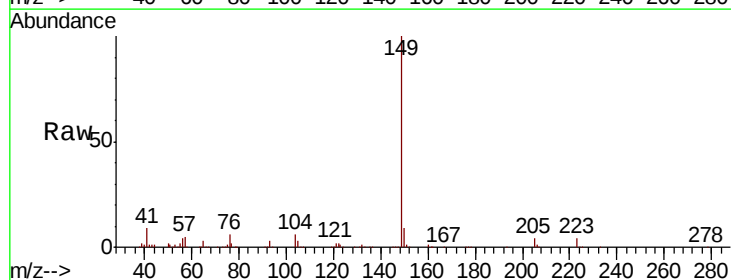
Instrument :
 BNA_G
 ClientSampleID :
 PB115428BS

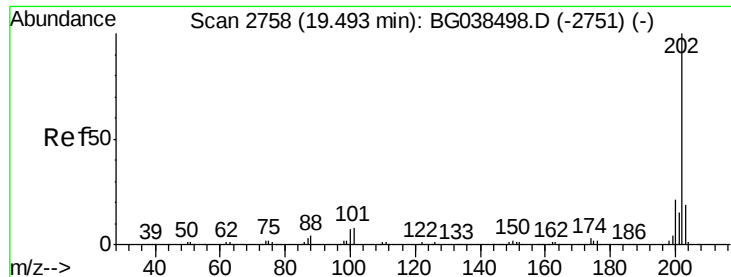
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.9	26.9
139	12.2	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 43.078 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.9	5.0	7.4

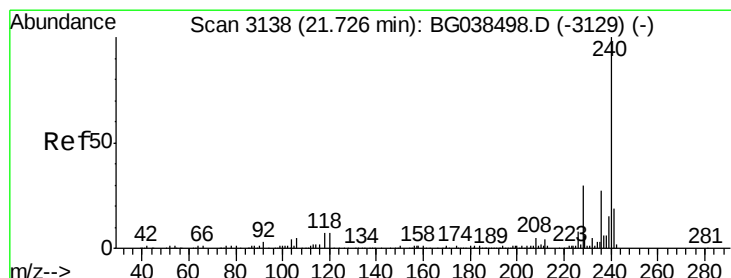
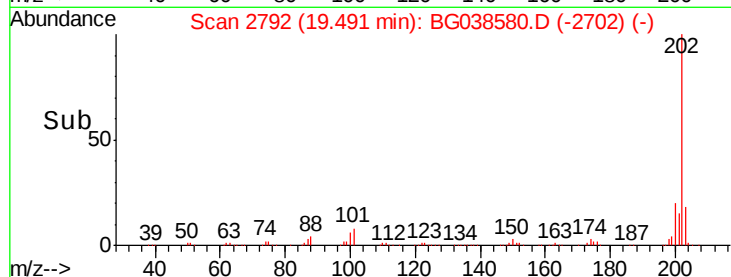
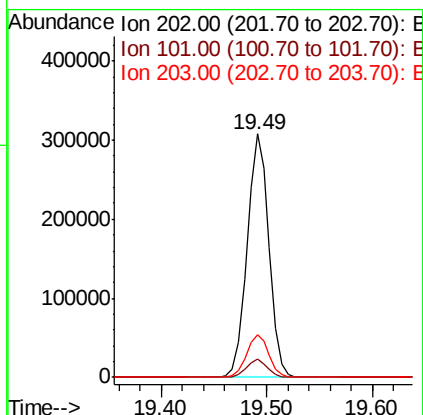
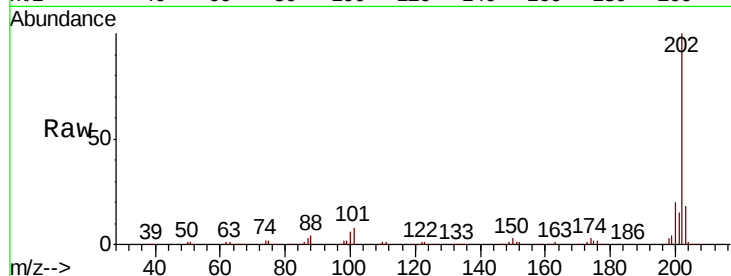




#75
 Fluoranthene
 Concen: 44.439 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

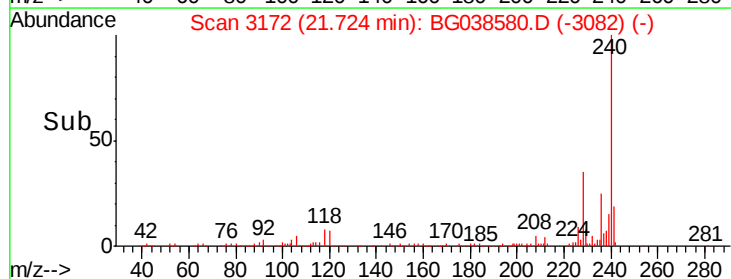
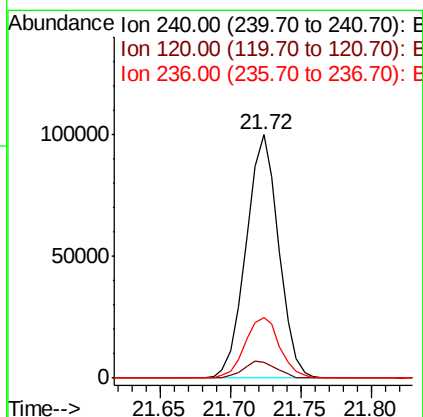
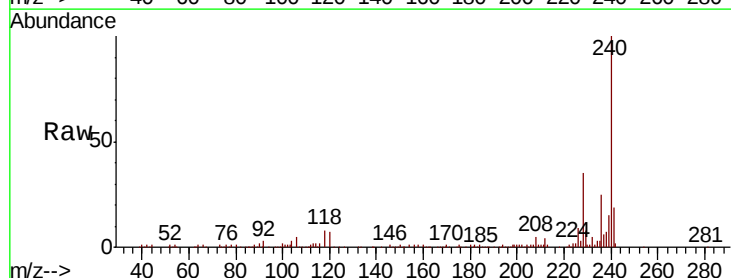
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BS

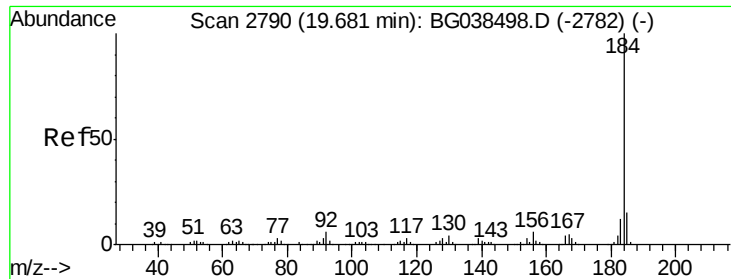
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	438175		
101	7.6		0.0	28.1
203	17.8		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038580.D
 Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	162167		
120	6.7		5.3	7.9
236	24.7		21.4	32.2





#77

Benzidine

Concen: 45.311 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

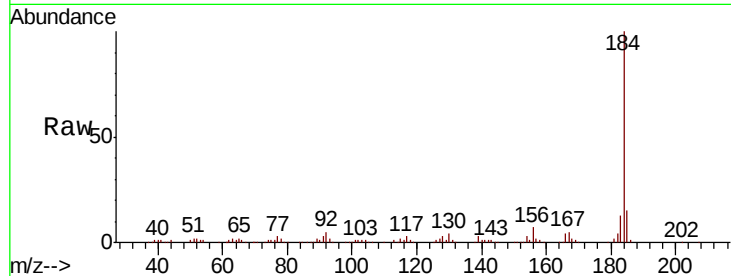
Tgt Ion:184 Resp: 217310

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

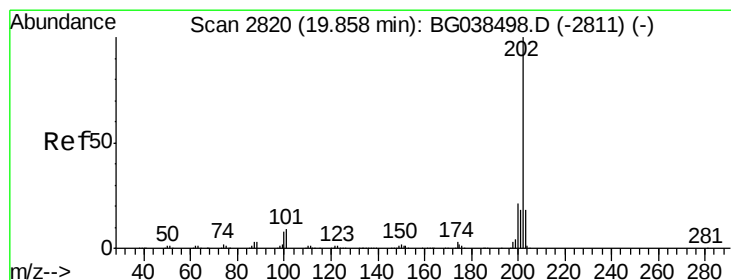
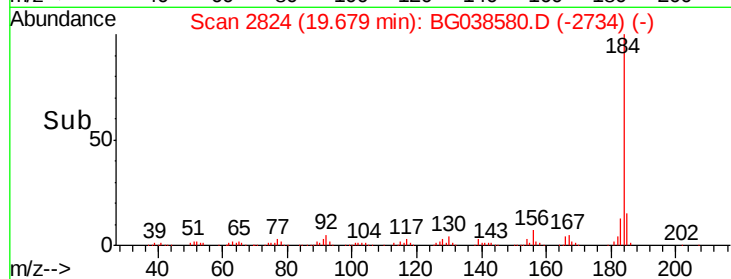
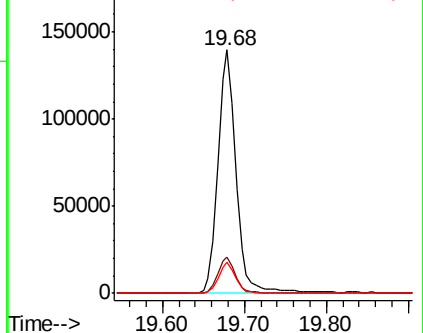
183 12.7 9.6 14.4



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: 40.331 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

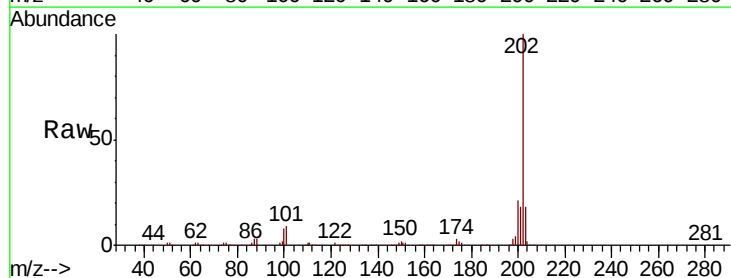
Tgt Ion:202 Resp: 432078

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

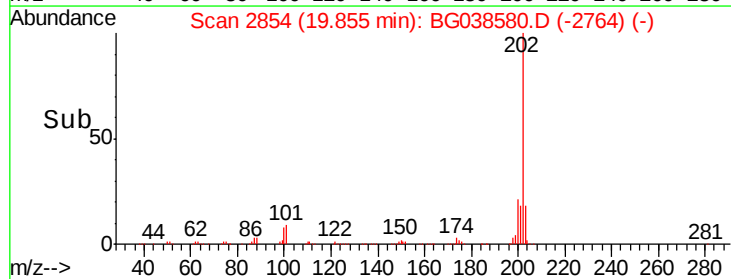
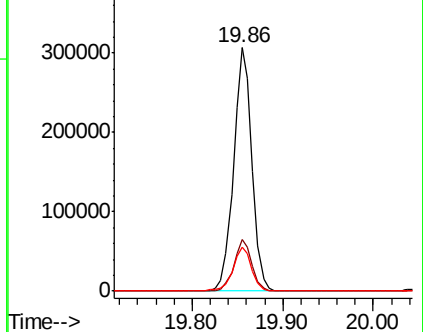
203 17.9 14.6 21.8



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: 74.138 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampled :

PB115428BS

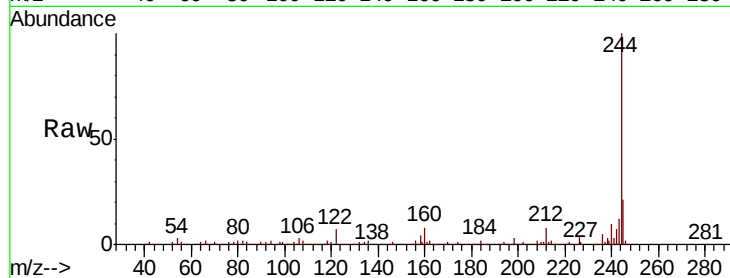
Tgt Ion:244 Resp: 552430

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

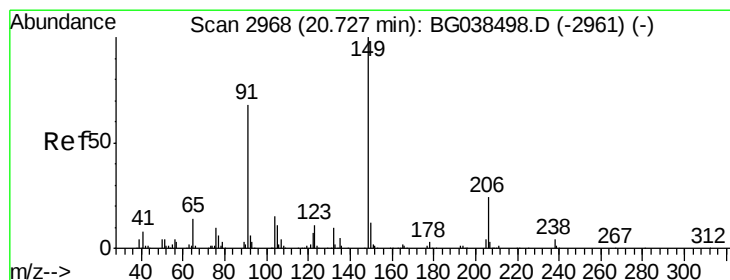
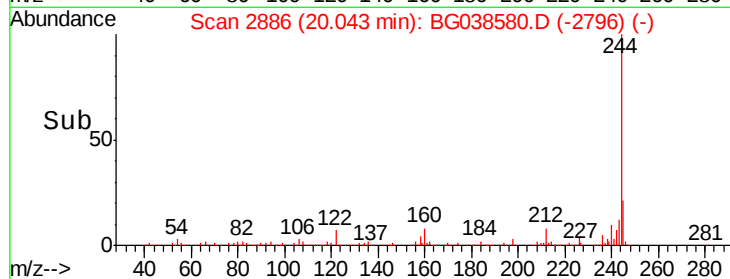
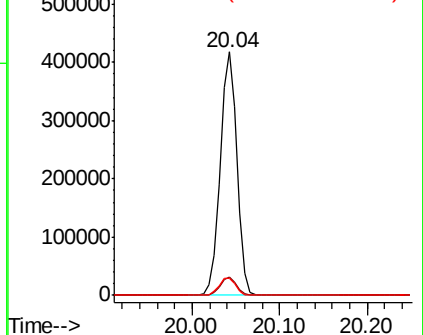
122 7.2 6.3 9.5



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: 41.317 ng

RT: 20.72 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

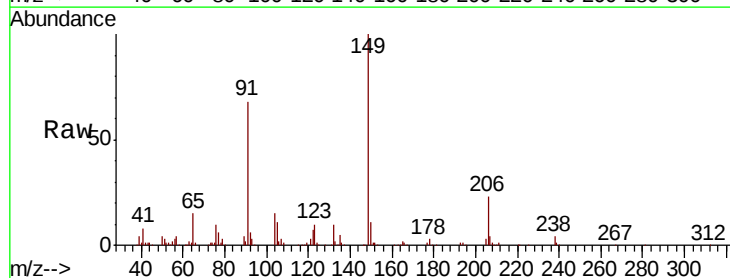
Tgt Ion:149 Resp: 172935

Ion Ratio Lower Upper

149 100

91 68.3 54.5 81.7

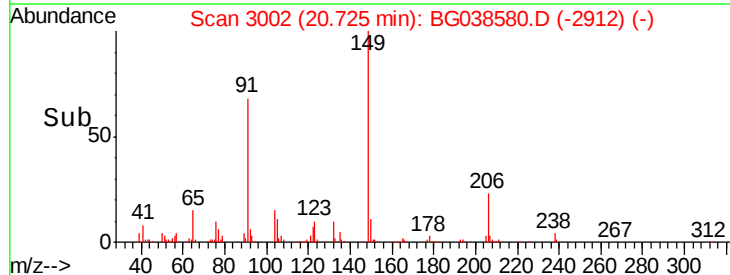
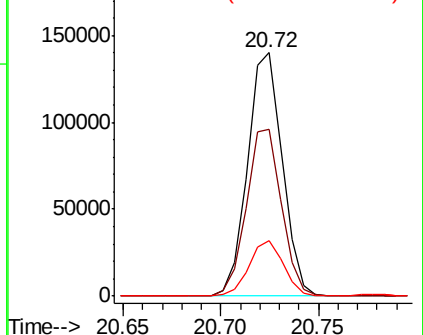
206 22.6 19.0 28.6



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: 43.186 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

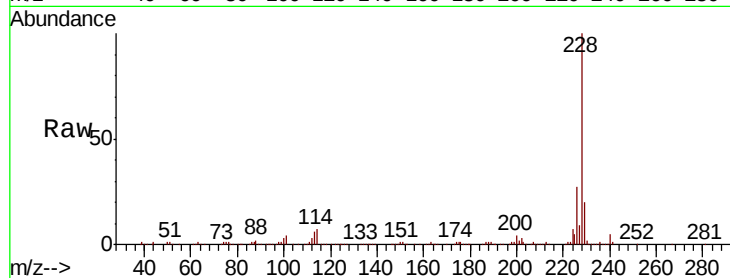
Tgt Ion:228 Resp: 426749

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

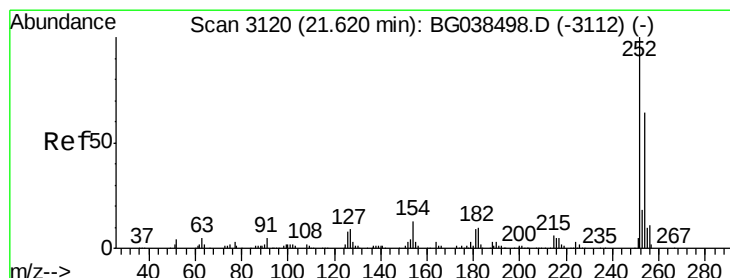
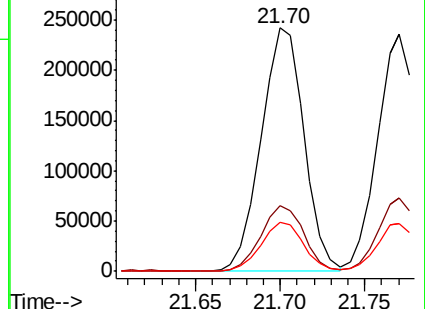
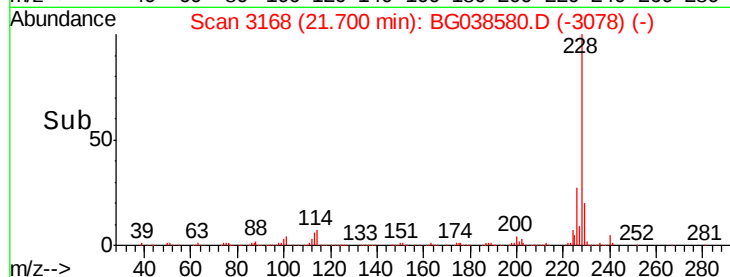
229 20.0 15.8 23.6



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: 28.116 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

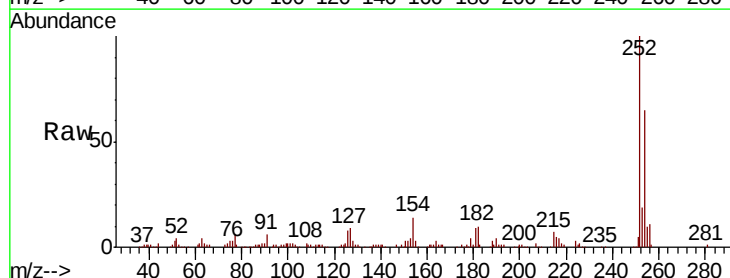
Tgt Ion:252 Resp: 110189

Ion Ratio Lower Upper

252 100

254 64.8 50.9 76.3

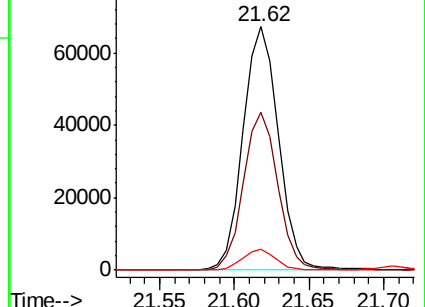
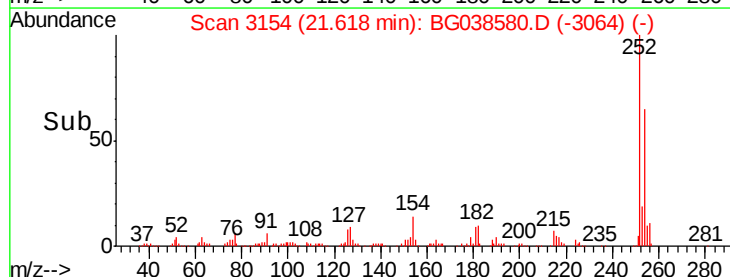
126 8.4 6.3 9.5



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: 41.030 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

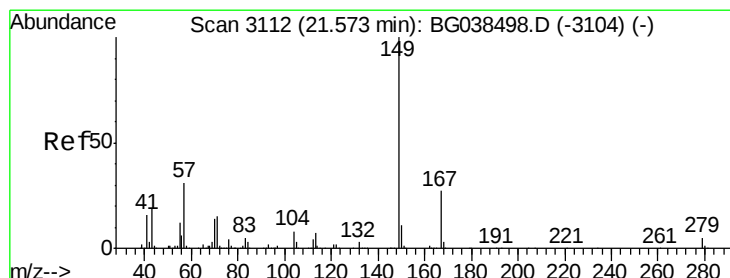
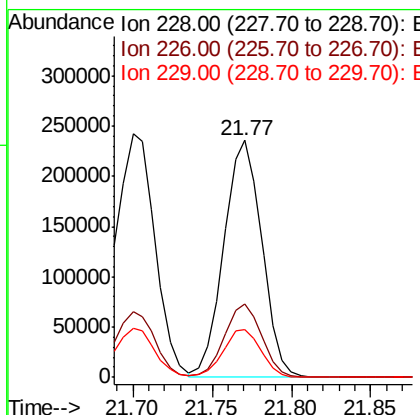
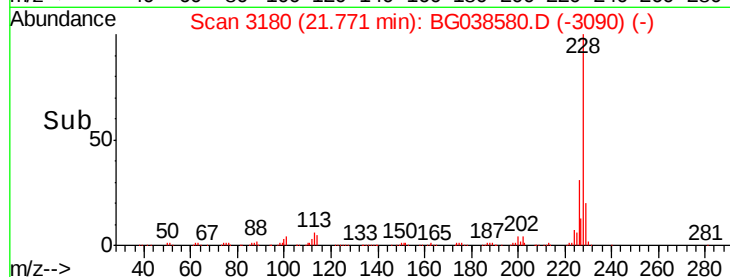
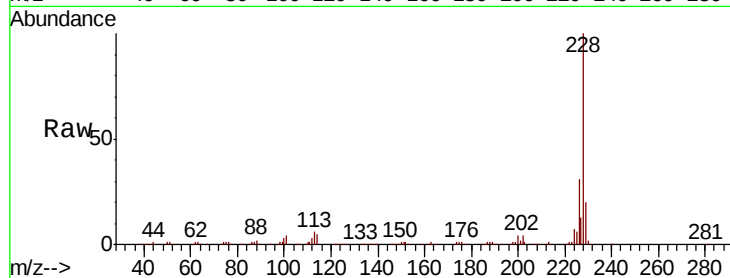
Tgt Ion:228 Resp: 390523

Ion Ratio Lower Upper

228 100

226 31.0 25.0 37.4

229 20.0 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.229 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

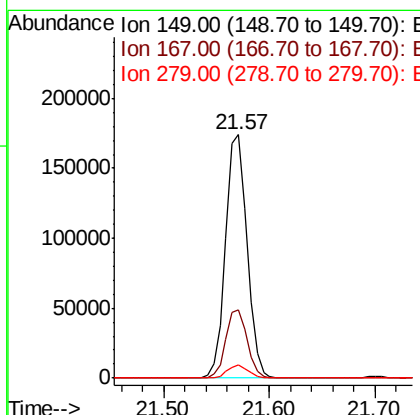
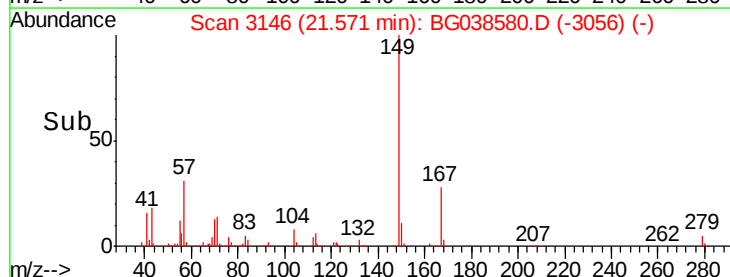
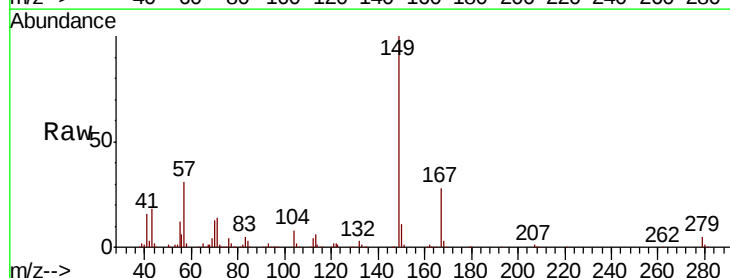
Tgt Ion:149 Resp: 244747

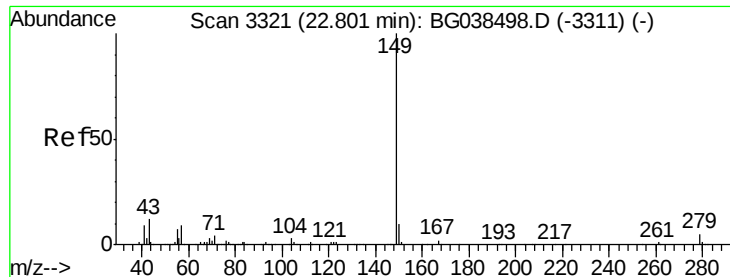
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 5.5 4.2 6.2

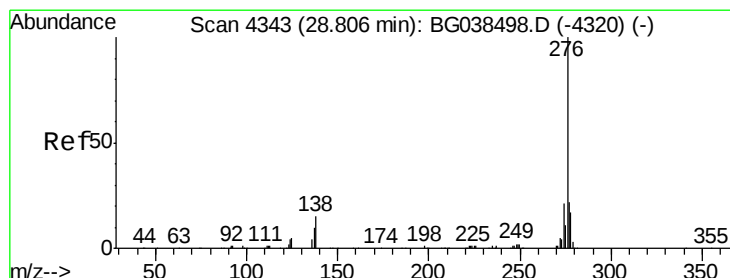
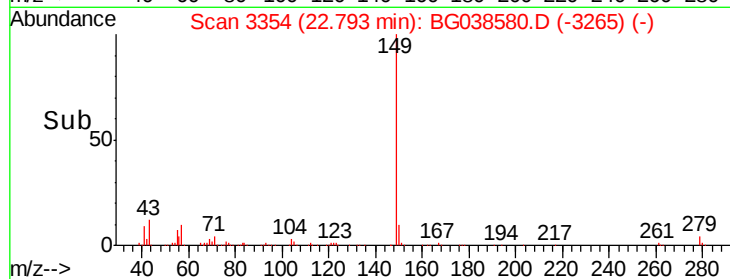
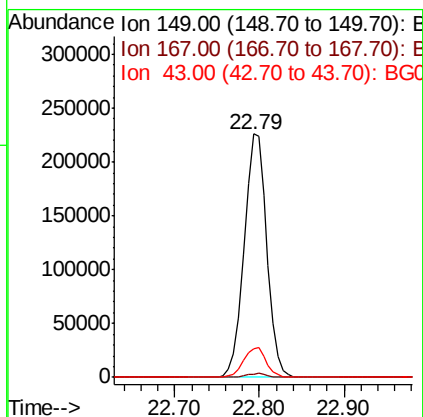
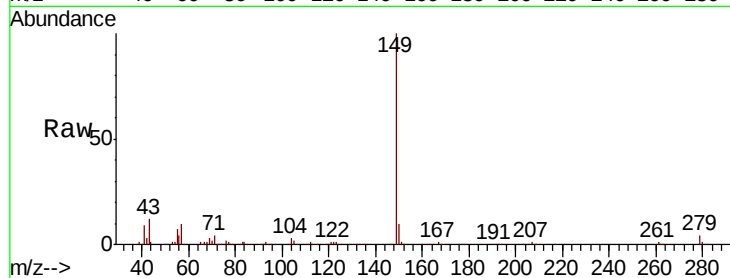




#85
Di-n-octyl phthalate
Concen: 42.036 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

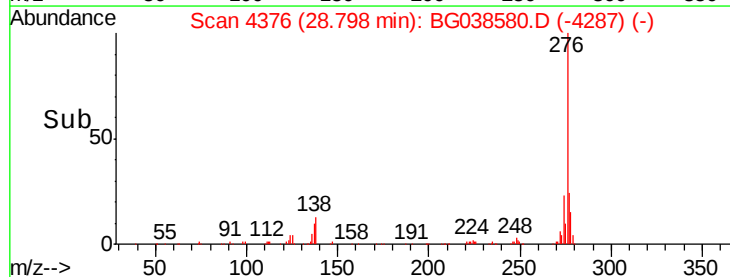
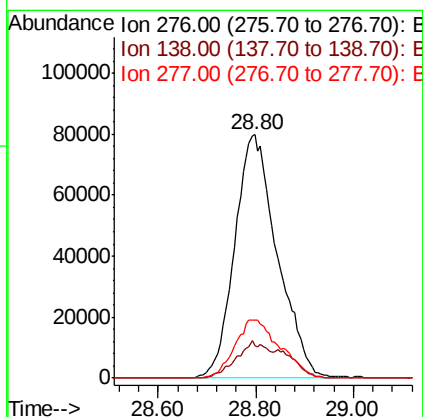
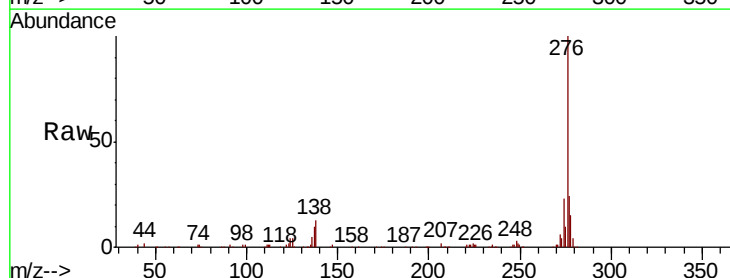
Instrument :
BNA_G
ClientSampleId :
PB115428BS

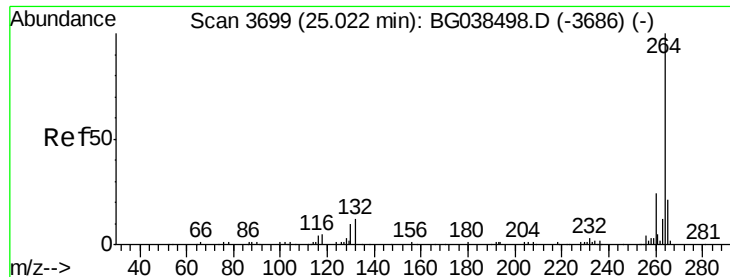
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.0	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.179 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.7	14.4	21.6#
277	25.4	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: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

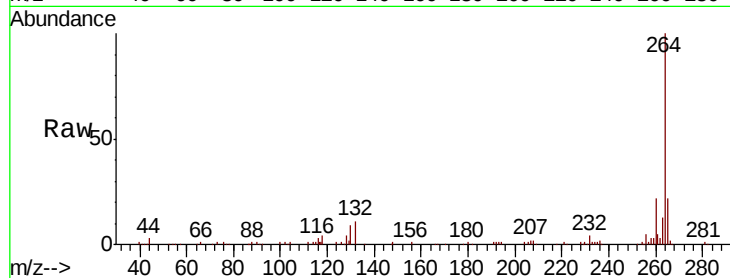
Tgt Ion:264 Resp: 175577

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 22.3 17.0 25.4

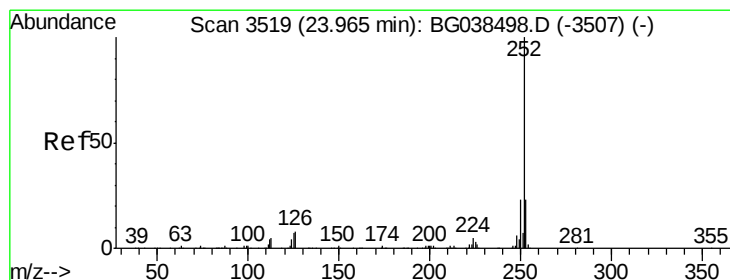
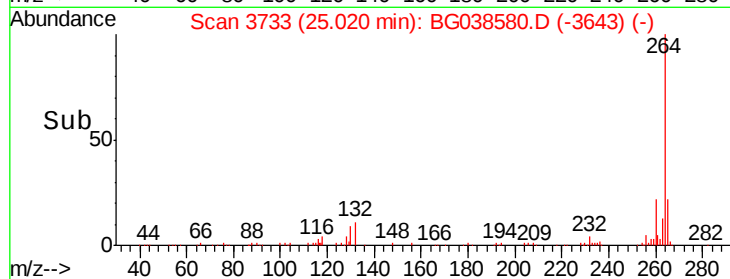
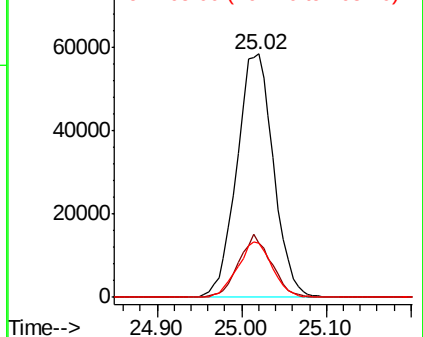


Abundance

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: 43.601 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

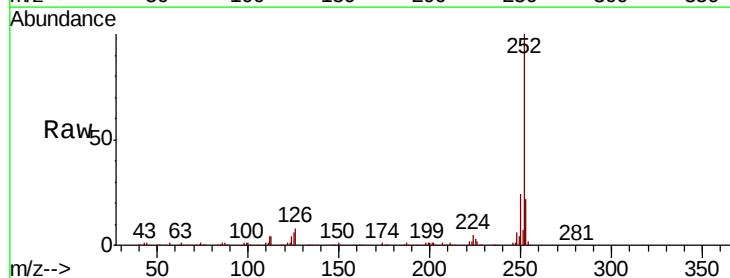
Tgt Ion:252 Resp: 420307

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 6.4 5.5 8.3

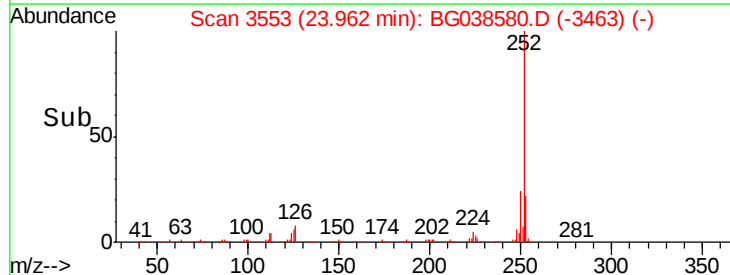
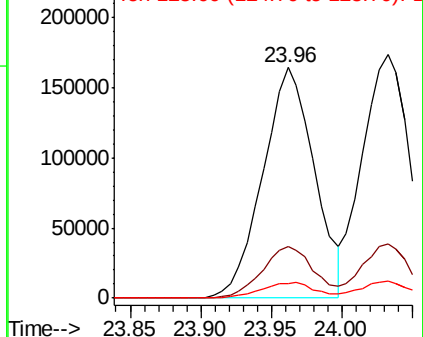


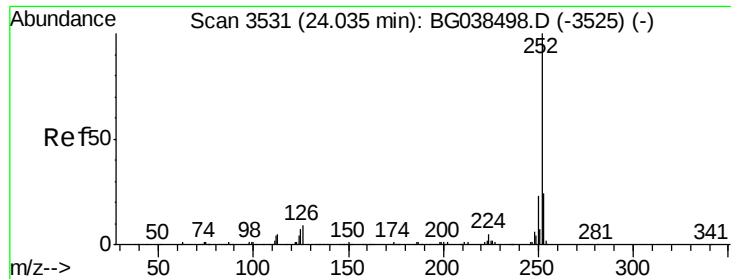
Abundance

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

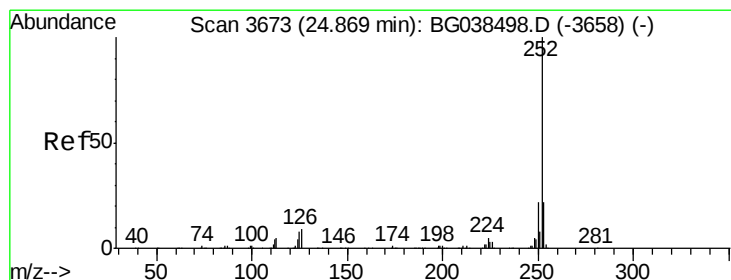
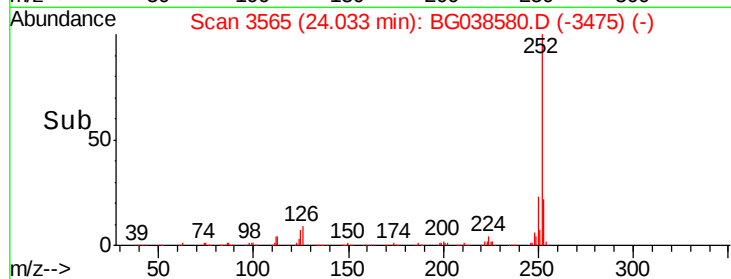
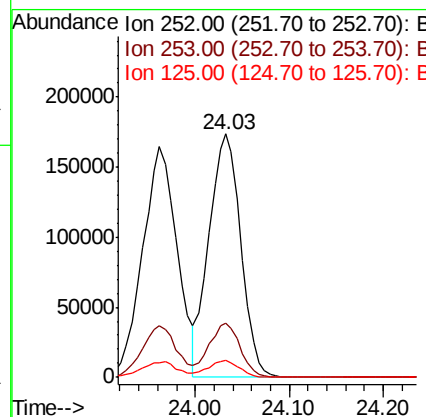
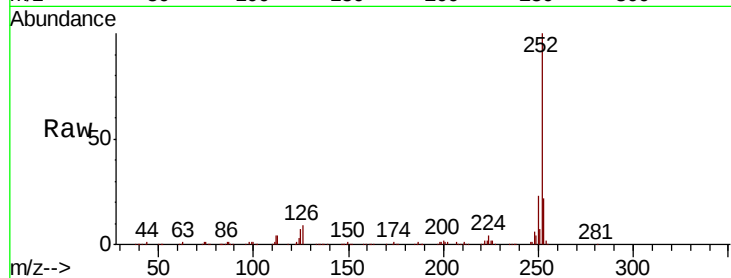




#89
Benzo(k)fluoranthene
Concen: 42.682 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

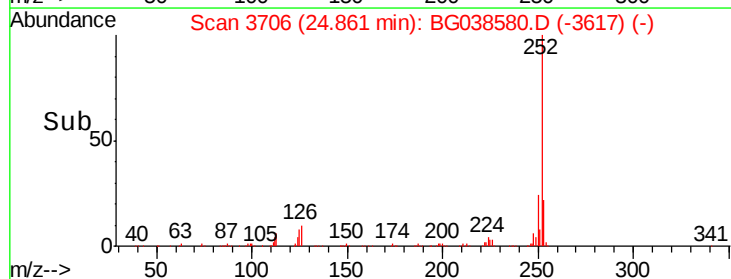
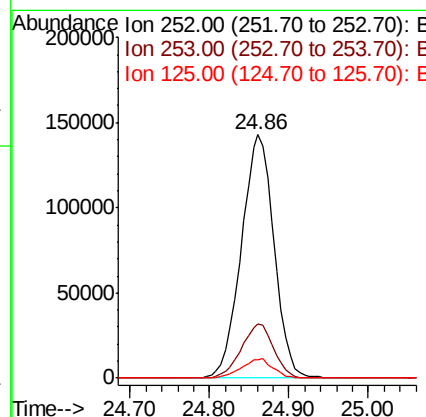
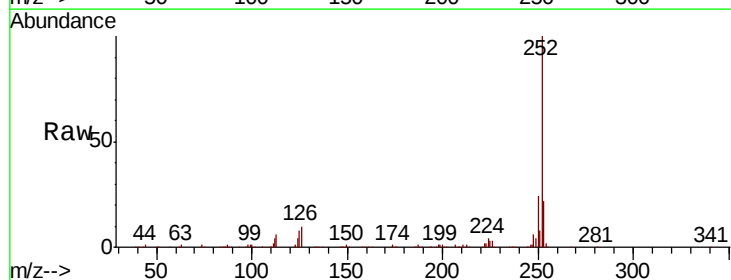
Instrument :
BNA_G
ClientSampleId :
PB115428BS

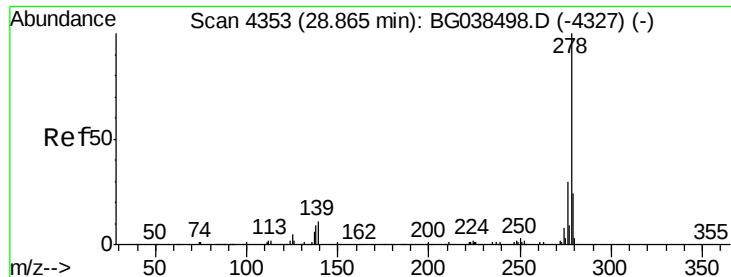
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	7.0	5.4	8.2



#90
Benzo(a)pyrene
Concen: 43.903 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038580.D
Acq: 14 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.6	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.390 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

Instrument :

BNA_G

ClientSampleId :

PB115428BS

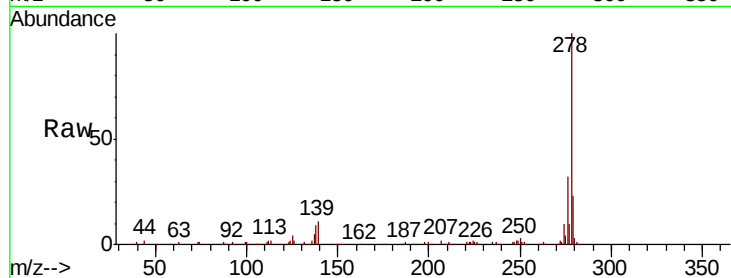
Tgt Ion:278 Resp: 401786

Ion Ratio Lower Upper

278 100

139 10.8 8.6 12.8

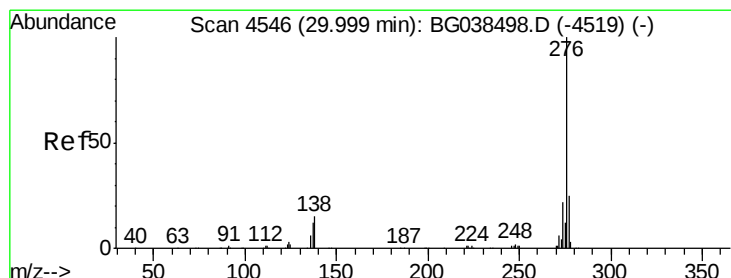
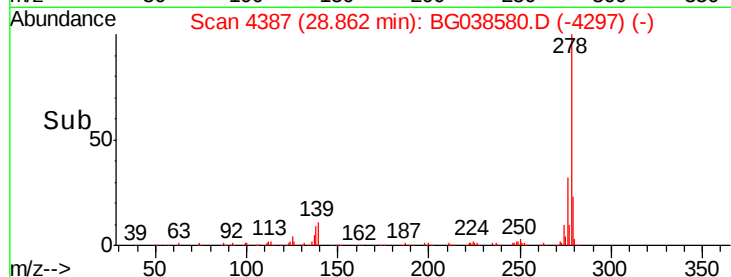
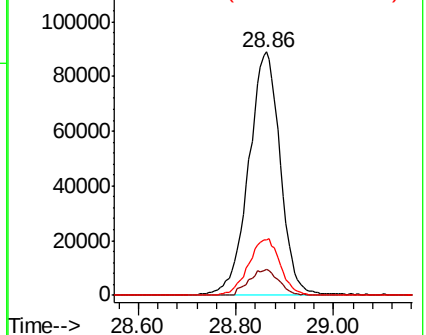
279 22.8 19.0 28.6



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: 43.342 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038580.D

Acq: 14 Dec 2018 23:04

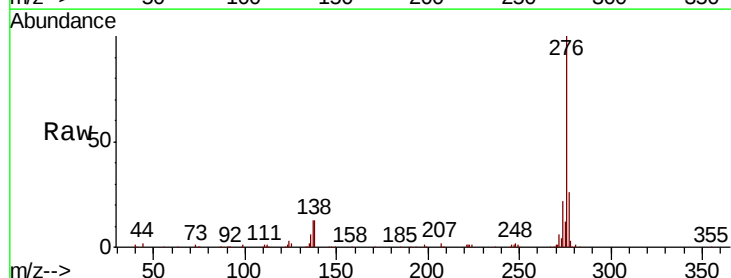
Tgt Ion:276 Resp: 395522

Ion Ratio Lower Upper

276 100

277 25.5 19.8 29.8

138 13.2 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

