

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038578.D
 Acq On : 14 Dec 2018 21:45
 Operator : JU/SJ
 Sample : PB115362BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Quant Time: Dec 14 22:56:51 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	25376	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	100297	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	63413	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	158927	20.00	ng	0.00
76) Chrysene-d12	21.72	240	166063	20.00	ng	0.00
87) Perylene-d12	25.01	264	179279	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	189777	132.64	ng	0.00
7) Phenol-d6	7.22	99	246742	125.63	ng	0.00
23) Nitrobenzene-d5	9.24	82	126321	64.34	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	108544	124.20	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	286047	61.88	ng	0.00
79) Terphenyl-d14	20.04	244	567837	74.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	22142	33.253	ng	89
3) Pyridine	3.89	79	62701	34.201	ng	91
4) n-Nitrosodimethylamine	3.82	42	40221	44.775	ng	# 86
6) Aniline	7.39	93	87100	34.739	ng	100
8) 2-Chlorophenol	7.62	128	70764	42.740	ng	98
9) Benzaldehyde	7.20	77	28630	22.470	ng	96
10) Phenol	7.24	94	89182	42.739	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	61260	36.874	ng	99
12) 1,3-Dichlorobenzene	7.95	146	73396	37.492	ng	97
13) 1,4-Dichlorobenzene	8.10	146	76021	37.917	ng	97
14) 1,2-Dichlorobenzene	8.41	146	73935	39.116	ng	99
15) Benzyl Alcohol	8.30	79	64204	41.880	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	141450	37.168	ng	97
17) 2-Methylphenol	8.50	107	61008	43.638	ng	96
18) Hexachloroethane	9.14	117	28326	38.663	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	51826	37.569	ng	97
20) 3+4-Methylphenols	8.83	107	83081	43.030	ng	97
22) Acetophenone	8.89	105	100626	40.167	ng	# 99
24) Nitrobenzene	9.28	77	81479	41.025	ng	99
25) Isophorone	9.79	82	146608	41.563	ng	98
26) 2-Nitrophenol	9.99	139	39848	39.200	ng	96
27) 2,4-Dimethylphenol	10.03	122	68720	47.171	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	83106	41.749	ng	98
29) 2,4-Dichlorophenol	10.52	162	72745	44.885	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	78288	39.990	ng	94
31) Naphthalene	10.93	128	211058	42.709	ng	98
32) Benzoic acid	10.18	122	26764	32.963	ng	95
33) 4-Chloroaniline	11.04	127	42933	20.011	ng	98
34) Hexachlorobutadiene	11.19	225	50734	38.300	ng	93
35) Caprolactam	11.83	113	14565	21.715	ng	90
36) 4-Chloro-3-methylphenol	12.15	107	74065	40.046	ng	96
37) 2-Methylnaphthalene	12.53	142	152387	43.224	ng	98
38) 1-Methylnaphthalene	12.75	142	147932	43.242	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	90770	38.294	ng	99

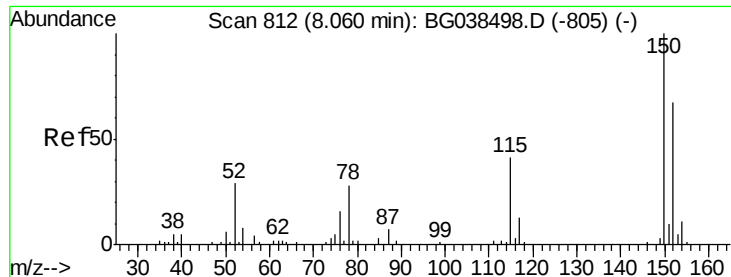
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038578.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	123503	94.837	ng	92
43) 2,4,6-Trichlorophenol	13.13	196	62411	42.822	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	65326	42.334	ng	93
46) 1,1'-Biphenyl	13.53	154	201994	37.997	ng	99
47) 2-Chloronaphthalene	13.57	162	162543	39.583	ng	97
48) 2-Nitroaniline	13.79	65	54828	41.918	ng	96
49) Acenaphthylene	14.42	152	259802	42.321	ng	98
50) Dimethylphthalate	14.14	163	210595	40.667	ng	99
51) 2,6-Dinitrotoluene	14.28	165	47267	40.277	ng	96
52) Acenaphthene	14.76	154	150321	40.950	ng	96
53) 3-Nitroaniline	14.61	138	33478	27.985	ng	94
54) 2,4-Dinitrophenol	14.82	184	52067	74.919	ng	96
55) Dibenzofuran	15.10	168	250851	39.866	ng	98
56) 4-Nitrophenol	14.91	139	75358	83.036	ng	92
57) 2,4-Dinitrotoluene	15.07	165	67862	41.057	ng	96
58) Fluorene	15.74	166	199294	42.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	60675	43.704	ng	99
60) Diethylphthalate	15.50	149	218601	38.453	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	111873	38.461	ng	98
62) 4-Nitroaniline	15.78	138	50162	40.729	ng	99
63) Azobenzene	16.02	77	189416	39.885	ng	99
65) 4,6-Dinitro-2-methylphenol	15.83	198	42337	37.344	ng	95
66) n-Nitrosodiphenylamine	15.95	169	182663	39.117	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	73247	37.738	ng	89
68) Hexachlorobenzene	16.74	284	75552	37.550	ng	99
69) Atrazine	16.89	200	76295	44.026	ng	94
70) Pentachlorophenol	17.09	266	88871	74.676	ng	94
71) Phenanthrene	17.49	178	349755	42.439	ng	99
72) Anthracene	17.58	178	361128	44.386	ng	99
73) Carbazole	17.85	167	328374	40.810	ng	98
74) Di-n-butylphthalate	18.38	149	399329	43.251	ng	100
75) Fluoranthene	19.49	202	453869	44.510	ng	98
77) Benzidine	19.68	184	224351	45.682	ng	100
78) Pyrene	19.86	202	454917	41.467	ng	99
80) Butylbenzylphthalate	20.73	149	181515	42.350	ng	100
81) Benzo(a)anthracene	21.70	228	441714	43.652	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	112864	28.123	ng	99
83) Chrysene	21.77	228	408328	41.894	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	253916	41.771	ng	99
85) Di-n-octyl phthalate	22.80	149	429689	42.207	ng	100
86) Indeno(1,2,3-cd)pyrene	28.80	276	489935	42.757	ng	# 59
88) Benzo(b)fluoranthene	23.96	252	438178	44.516	ng	98
89) Benzo(k)fluoranthene	24.03	252	420990	42.951	ng	98
90) Benzo(a)pyrene	24.86	252	425008	44.756	ng	99
91) Dibenzo(a,h)anthracene	28.86	278	410017	43.365	ng	100
92) Benzo(g,h,i)perylene	29.99	276	408453	43.835	ng	99

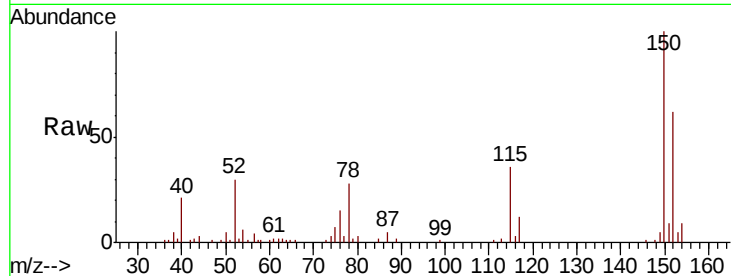
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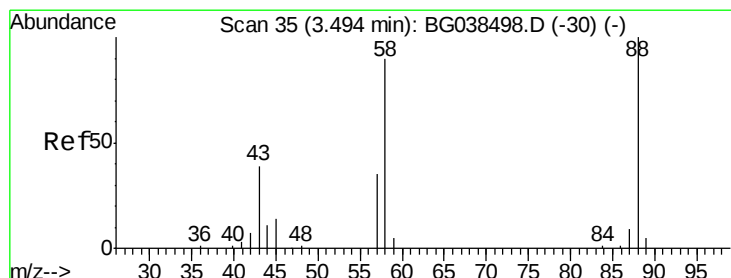
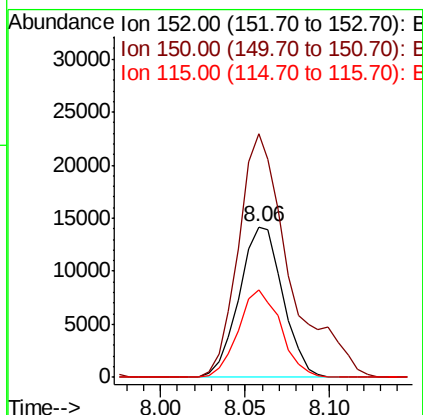
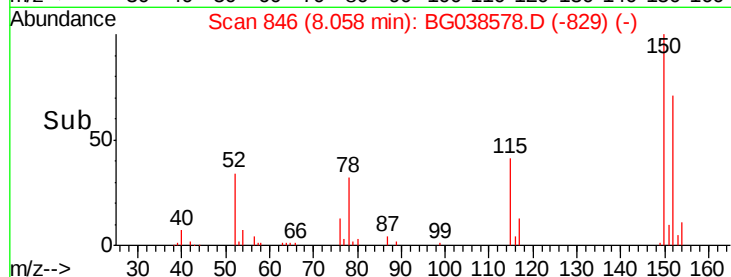
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion: 152 Resp: 25376
 Ion Ratio Lower Upper
 152 100
 150 161.9 119.5 179.3
 115 57.9 49.6 74.4

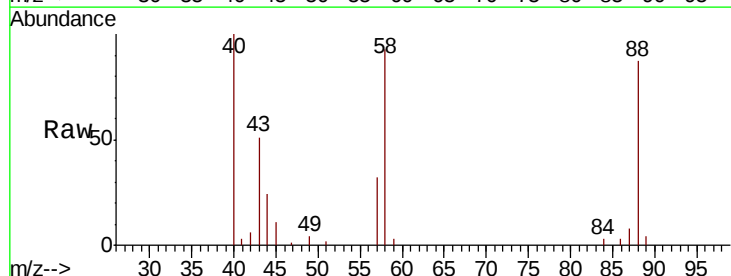


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

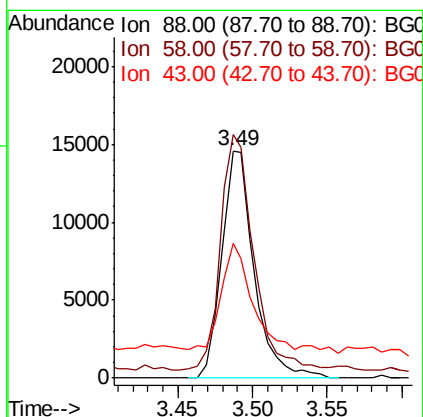
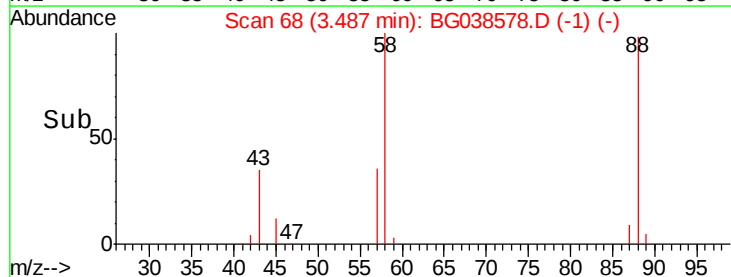


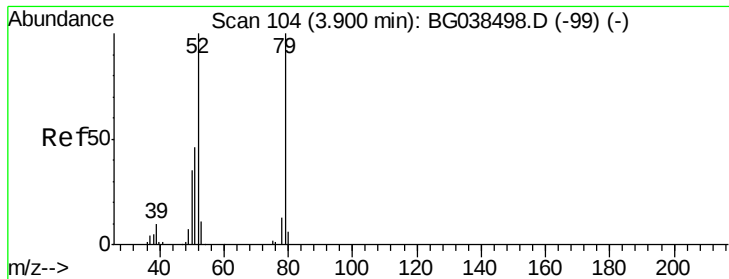
#2
 1,4-Dioxane
 Concen: 33.253 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion: 88 Resp: 22142
 Ion Ratio Lower Upper
 88 100
 58 106.5 75.7 113.5
 43 44.5 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: 34.201 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

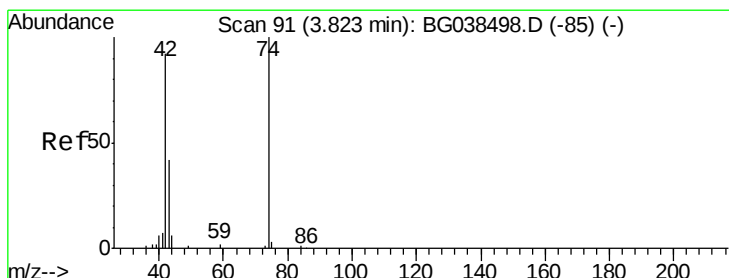
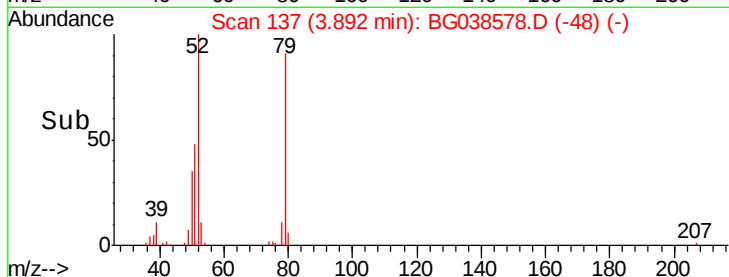
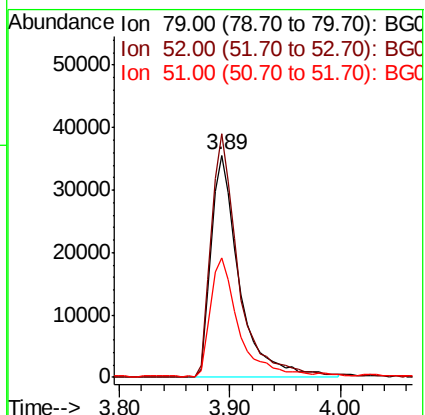
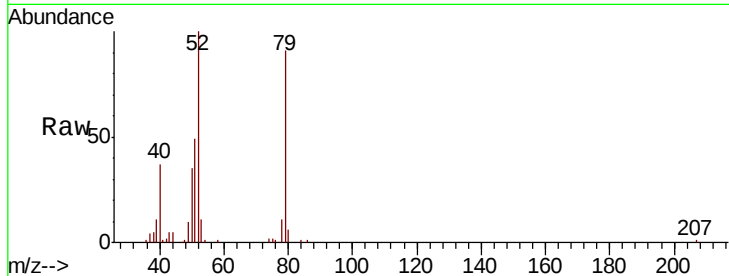
Tgt Ion: 79 Resp: 62701

Ion Ratio Lower Upper

79 100

52 109.6 80.2 120.2

51 53.9 38.0 57.0



#4

n-Nitrosodimethylamine

Concen: 44.775 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

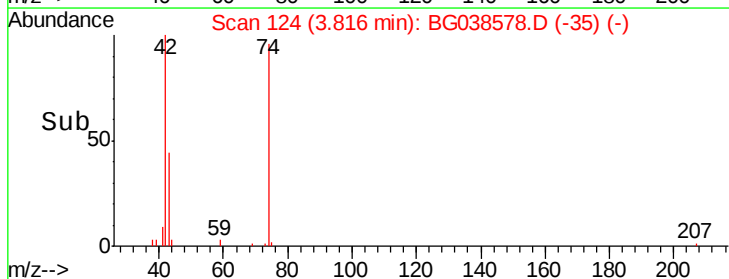
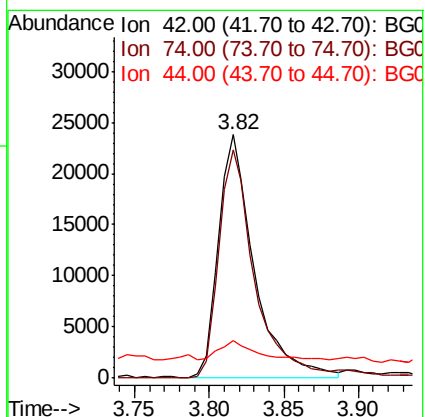
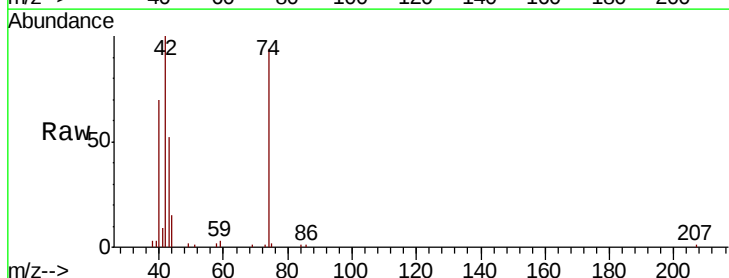
Tgt Ion: 42 Resp: 40221

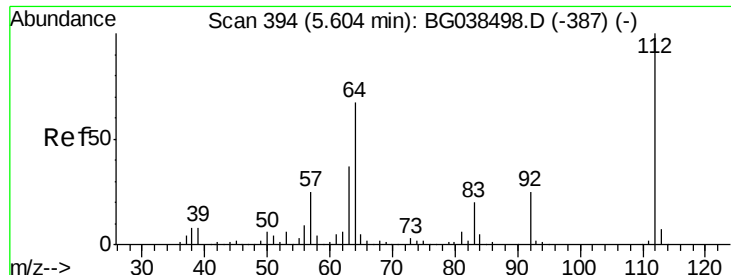
Ion Ratio Lower Upper

42 100

74 94.0 86.7 130.1

44 15.4 7.8 11.8#

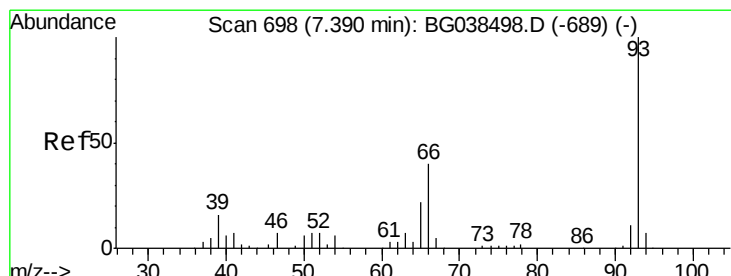
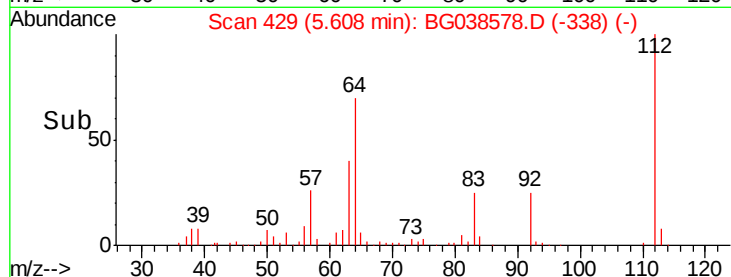
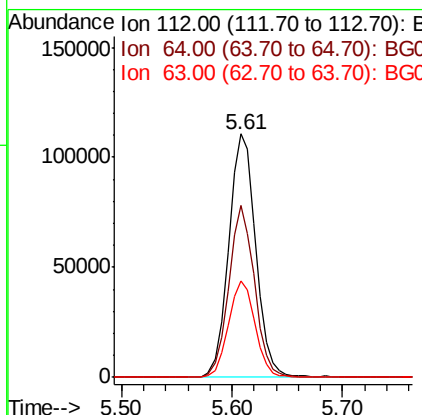
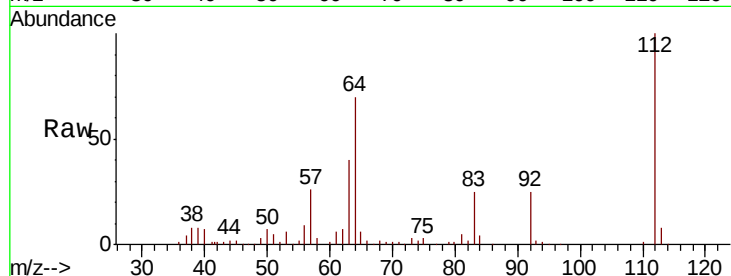




#5
 2-Fluorophenol
 Concen: 132.644 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

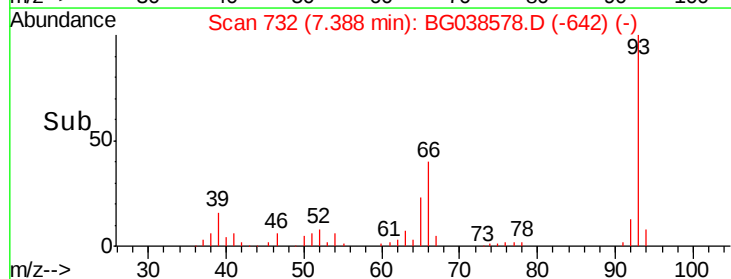
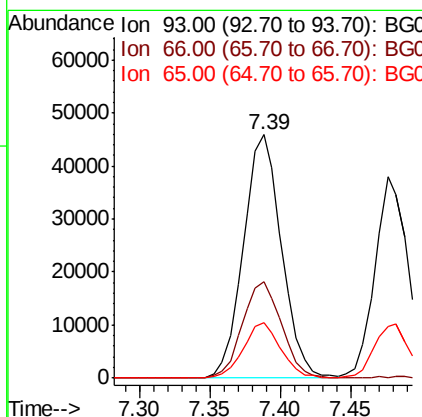
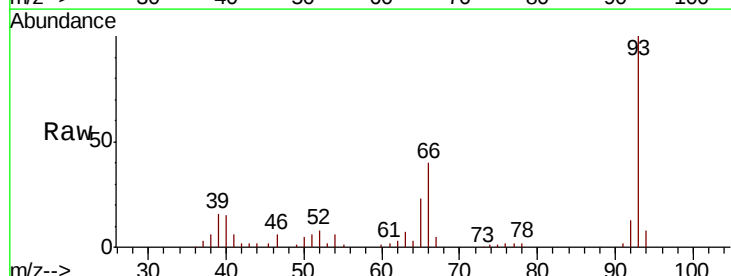
Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

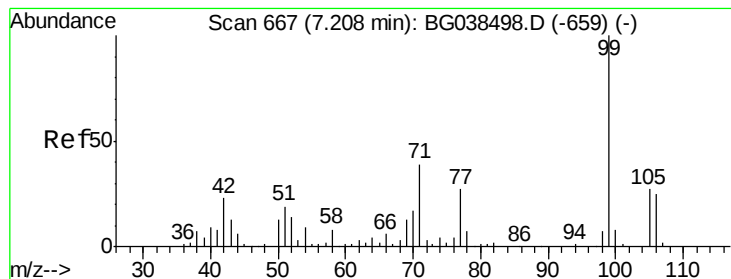
Tgt Ion	Ratio	Resp	Lower	Upper
112	100	189777		
64	70.5	53.4	80.2	
63	39.8	29.3	43.9	



#6
 Aniline
 Concen: 34.739 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	87100		
66	39.6	31.7	47.5	
65	22.7	17.8	26.6	





#7

Phenol-d6

Concen: 125.626 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

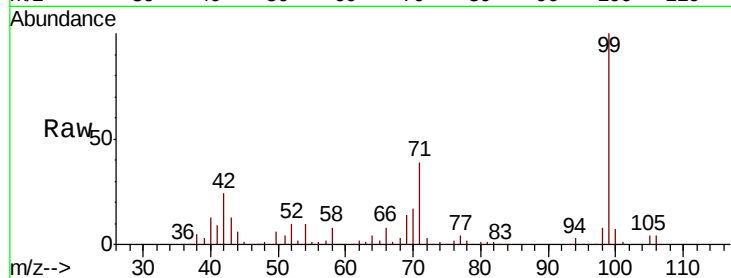
Tgt Ion: 99 Resp: 246742

Ion Ratio Lower Upper

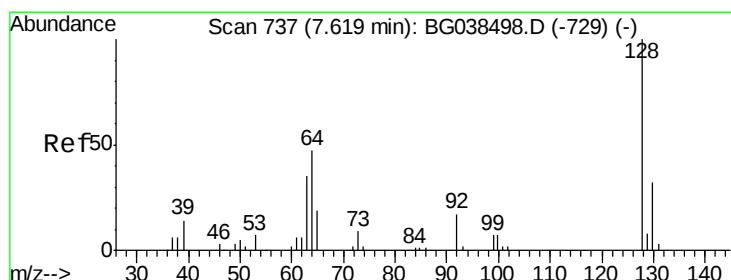
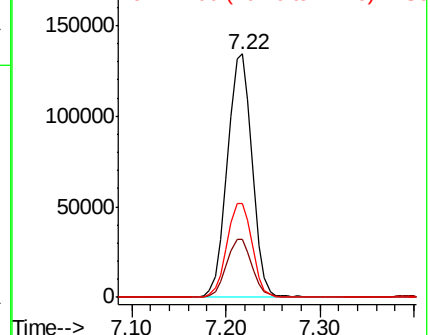
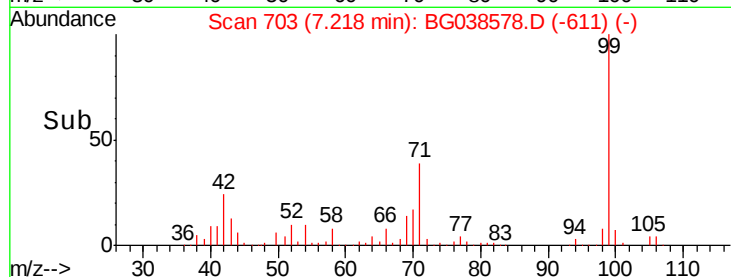
99 100

42 24.1 18.5 27.7

71 38.7 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: 42.740 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

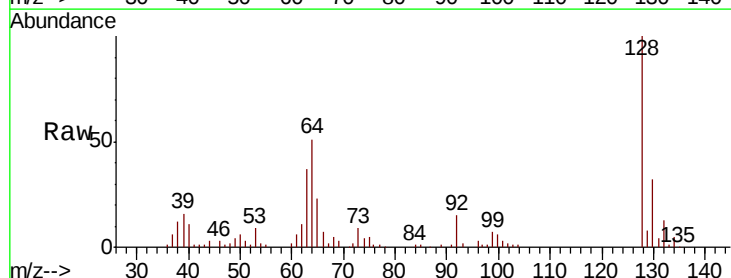
Tgt Ion: 128 Resp: 70764

Ion Ratio Lower Upper

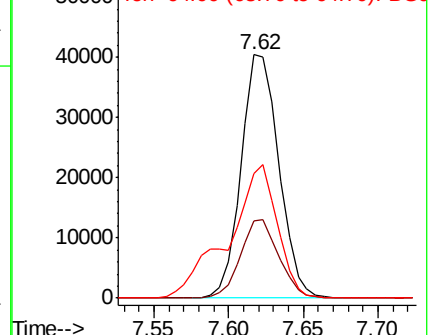
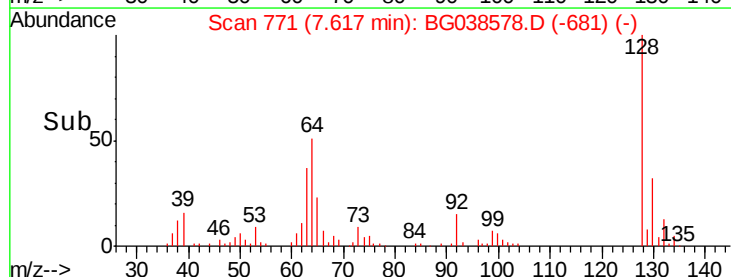
128 100

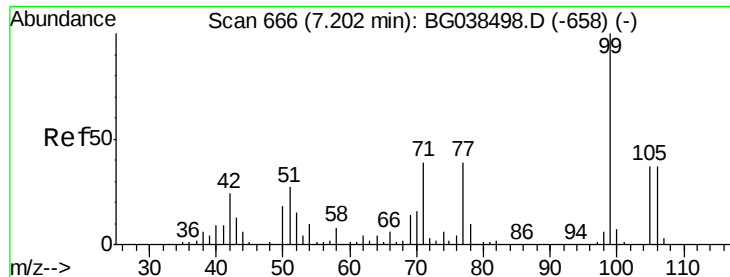
130 32.0 11.8 51.8

64 50.9 33.2 73.2



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





#9

Benzaldehyde

Concen: 22.470 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

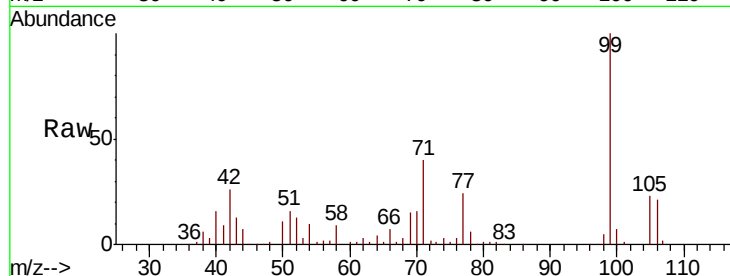
Tgt Ion: 77 Resp: 28630

Ion Ratio Lower Upper

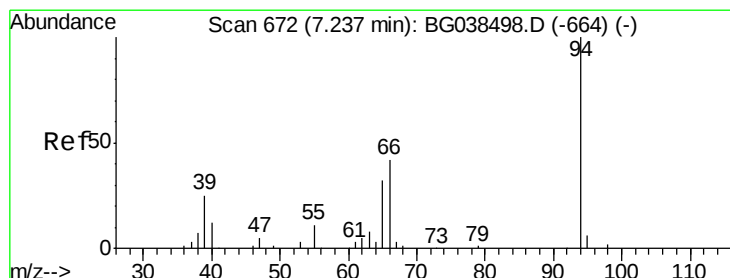
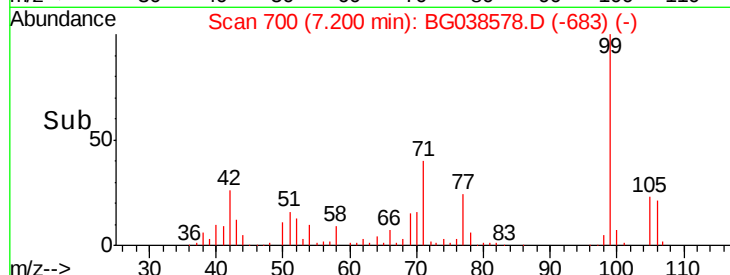
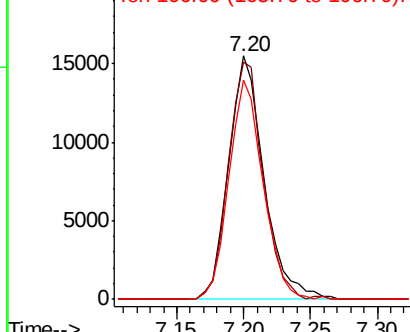
77 100

105 97.5 74.0 114.0

106 90.0 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: 42.739 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

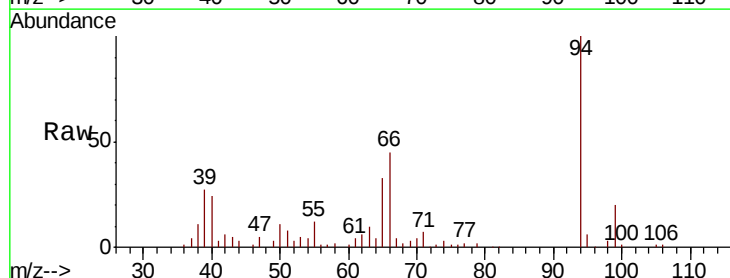
Tgt Ion: 94 Resp: 89182

Ion Ratio Lower Upper

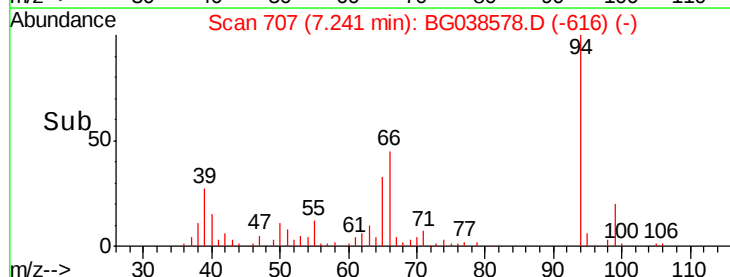
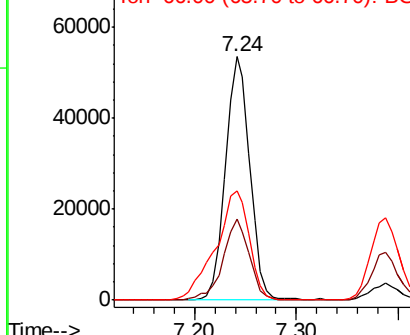
94 100

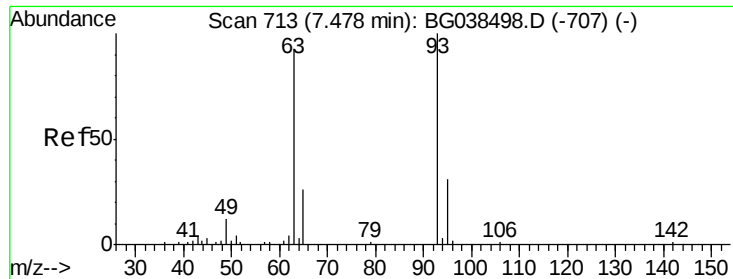
65 33.1 12.6 52.6

66 45.0 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

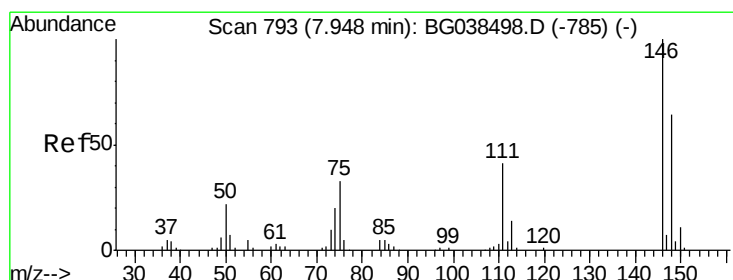
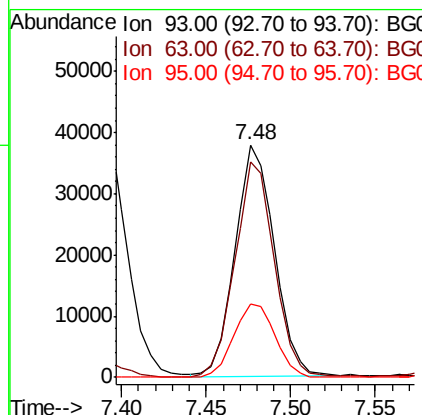
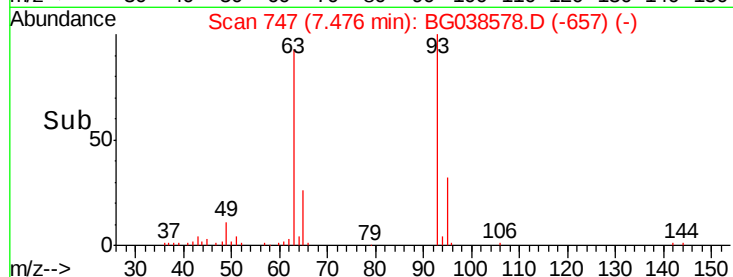
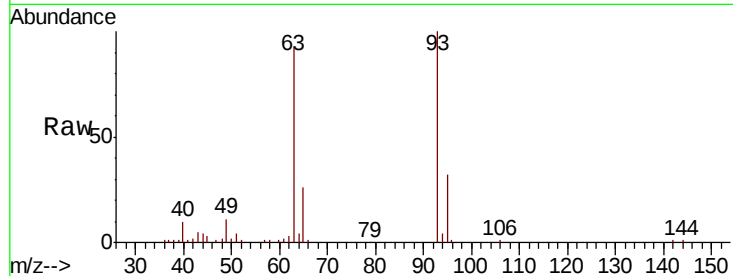




#11
bis(2-Chloroethyl)ether
Concen: 36.874 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

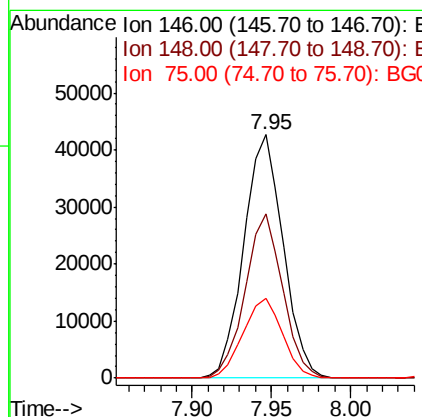
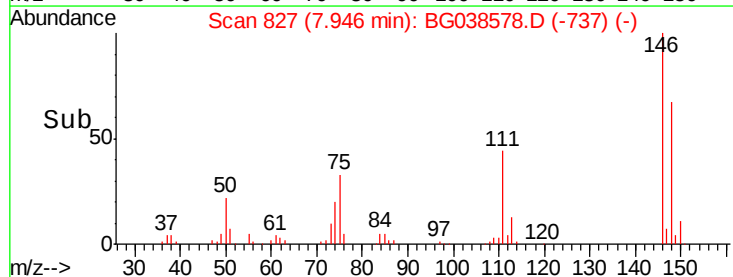
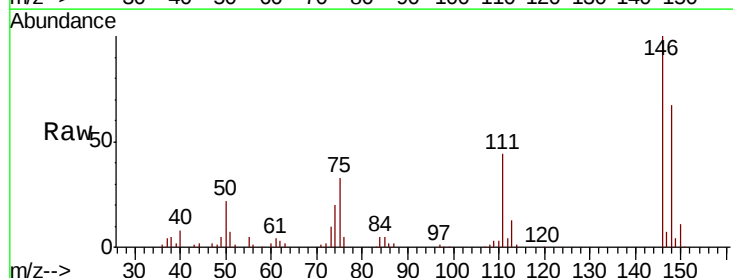
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

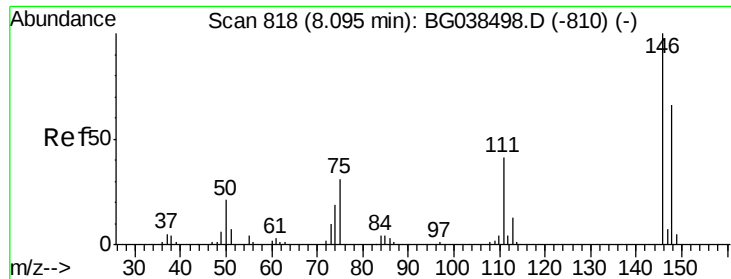
Tgt Ion: 93 Resp: 61260
Ion Ratio Lower Upper
93 100
63 92.9 72.2 112.2
95 31.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 37.492 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion: 146 Resp: 73396
Ion Ratio Lower Upper
146 100
148 67.3 51.4 77.0
75 32.9 26.1 39.1

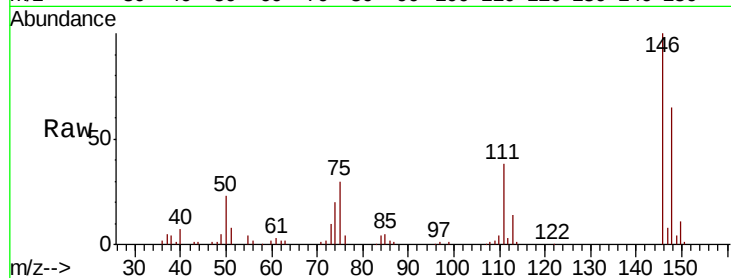




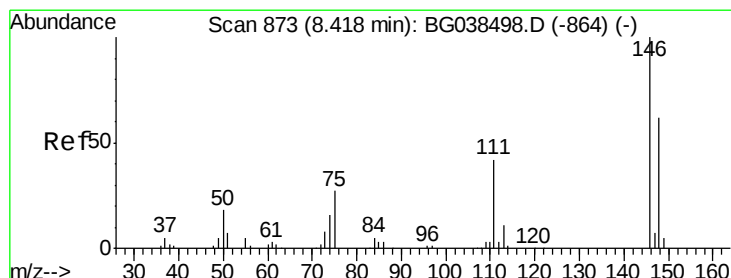
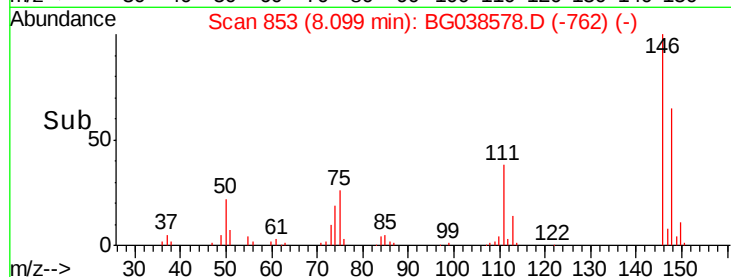
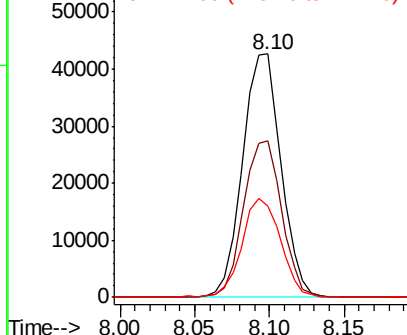
#13
 1,4-Dichlorobenzene
 Concen: 37.917 ng
 RT: 8.10 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion:146 Resp: 76021
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.4 78.6
 111 37.6 33.0 49.4

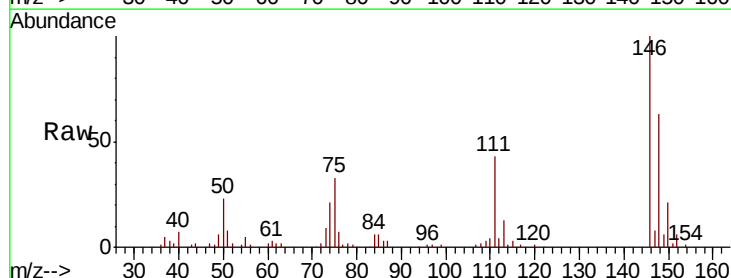


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

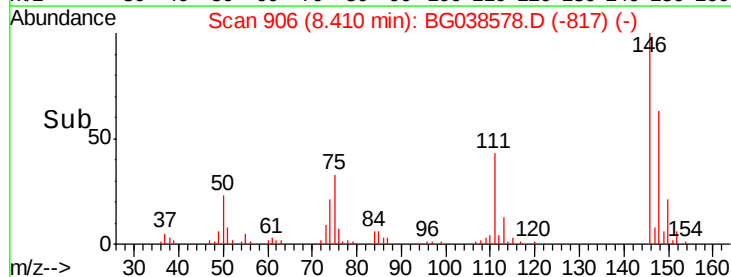
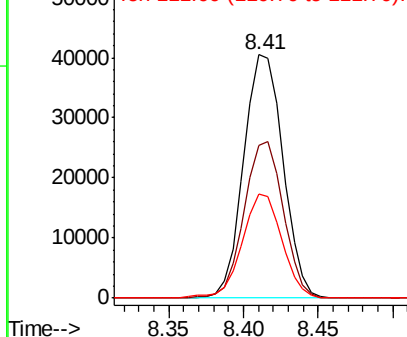


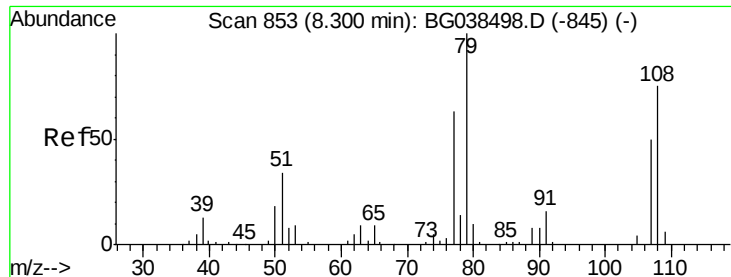
#14
 1,2-Dichlorobenzene
 Concen: 39.116 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:146 Resp: 73935
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.4 74.0
 111 42.7 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: 41.880 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

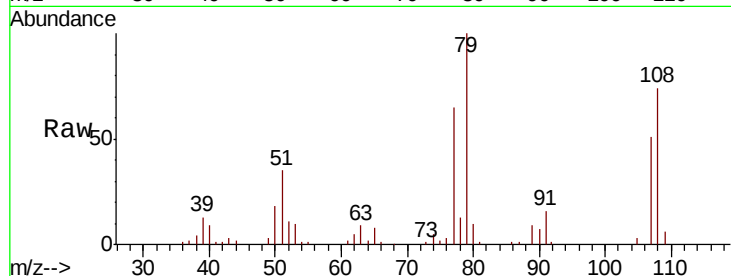
Tgt Ion: 79 Resp: 64204

Ion Ratio Lower Upper

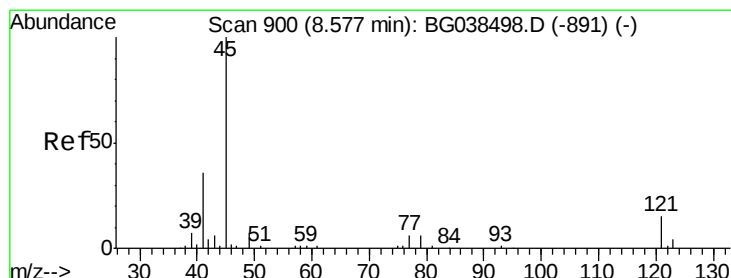
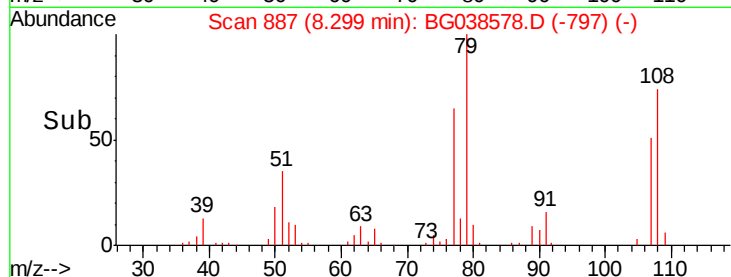
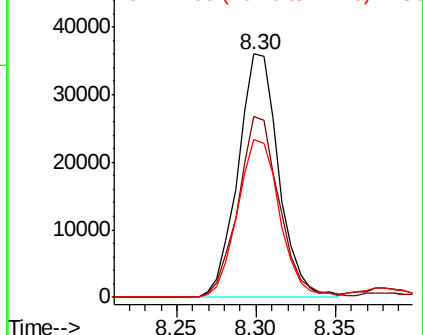
79 100

108 74.0 60.2 90.4

77 65.0 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.168 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

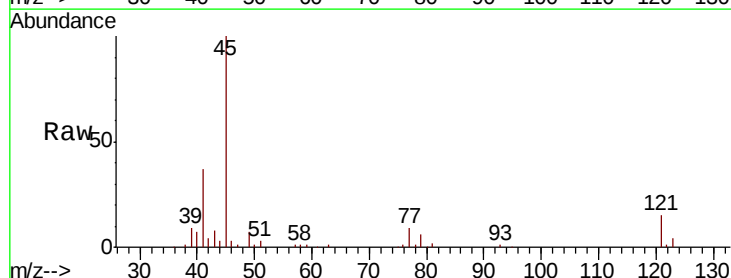
Tgt Ion: 45 Resp: 141450

Ion Ratio Lower Upper

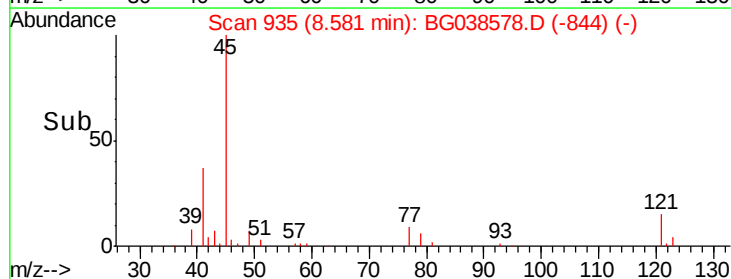
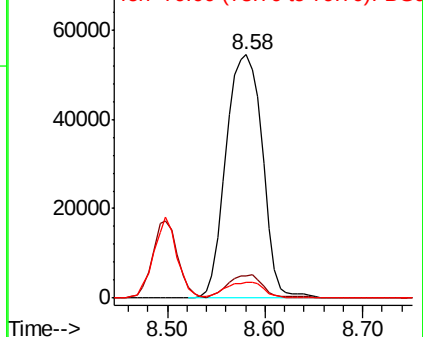
45 100

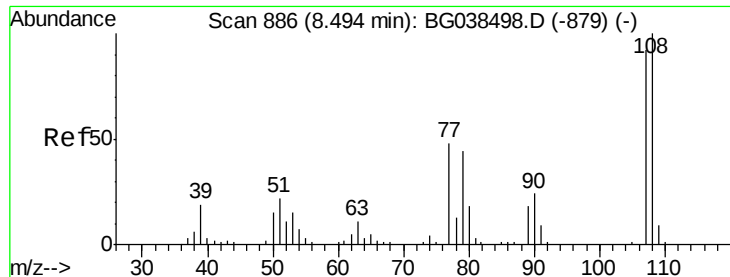
77 9.4 0.0 28.2

79 6.4 0.0 27.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

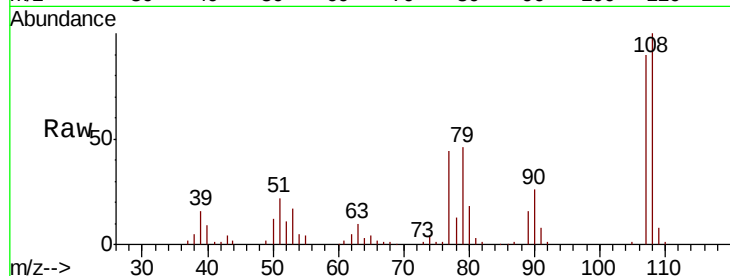




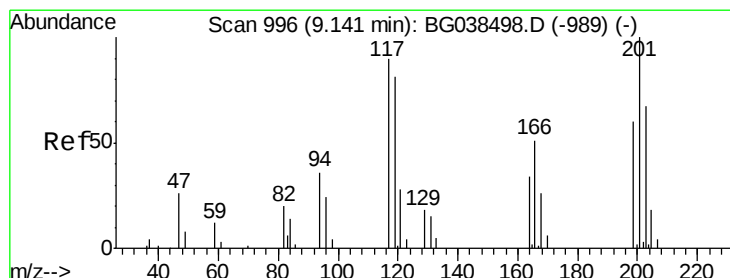
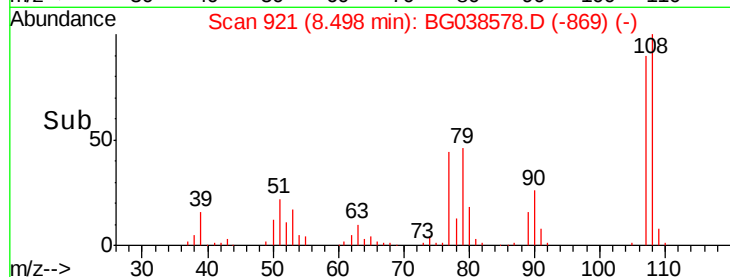
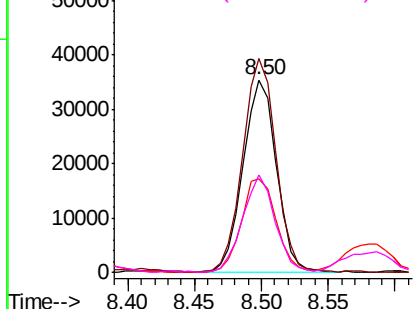
#17
2-Methylphenol
Concen: 43.638 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tgt Ion:107 Resp: 61008
Ion Ratio Lower Upper
107 100
108 111.1 87.1 130.7
77 48.6 42.0 63.0
79 50.9 38.2 57.2

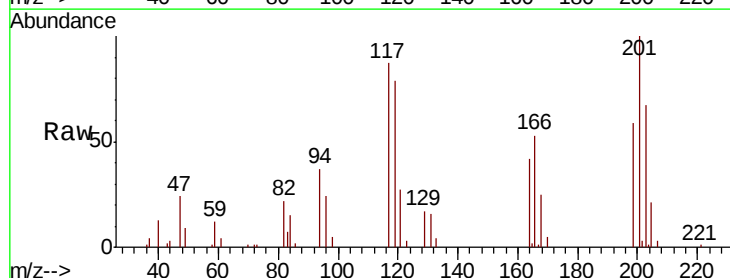


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

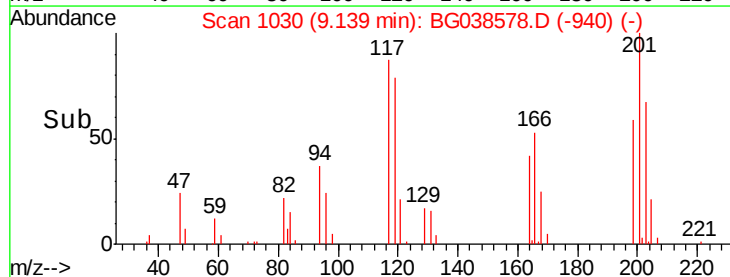
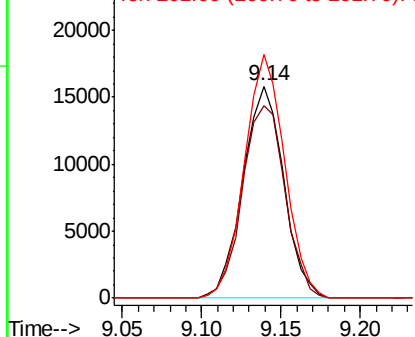


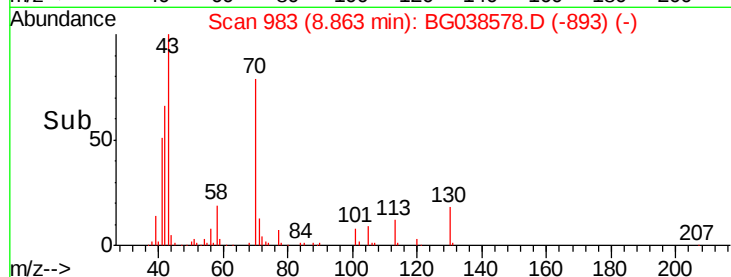
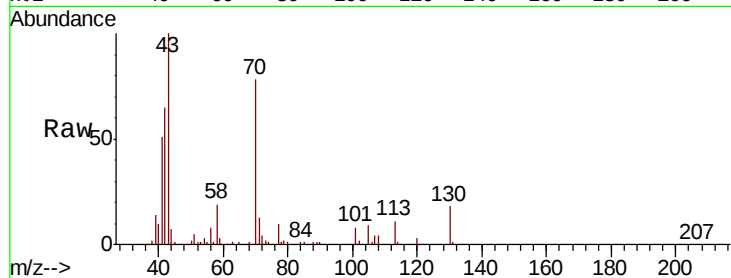
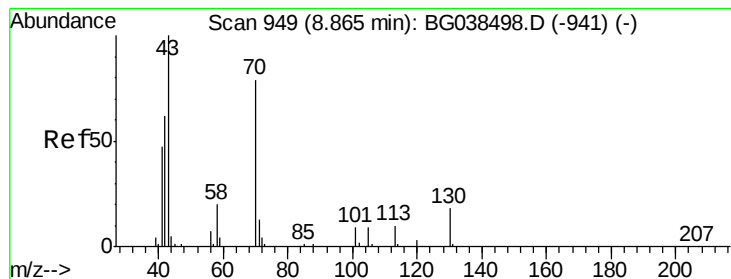
#18
Hexachloroethane
Concen: 38.663 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:117 Resp: 28326
Ion Ratio Lower Upper
117 100
119 91.2 73.8 110.8
201 118.9 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: 37.569 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

Tgt Ion: 70 Resp: 51826

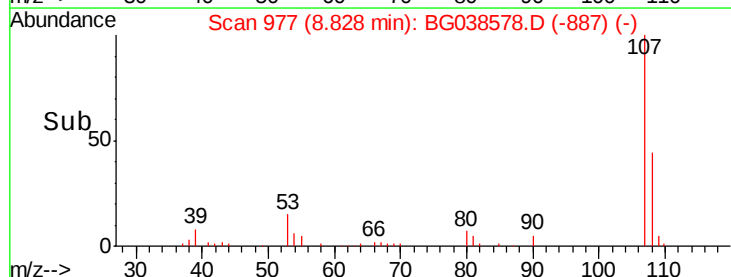
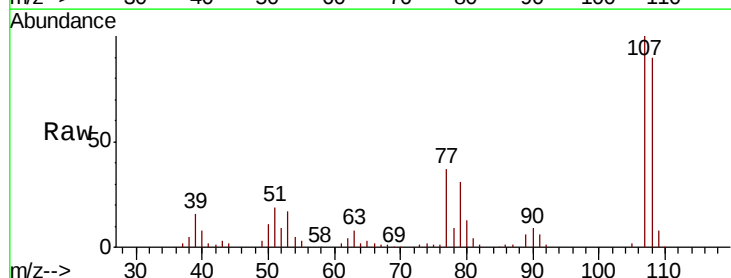
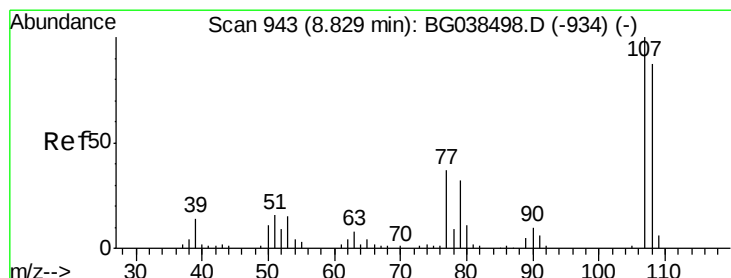
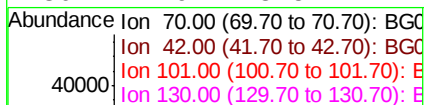
Ion Ratio Lower Upper

70 100

42 83.4 63.6 95.4

101 10.4 9.2 13.8

130 22.9 18.5 27.7



#20

3+4-Methylphenols

Concen: 43.030 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion: 107 Resp: 83081

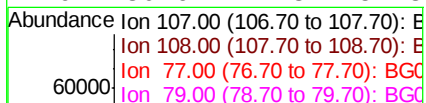
Ion Ratio Lower Upper

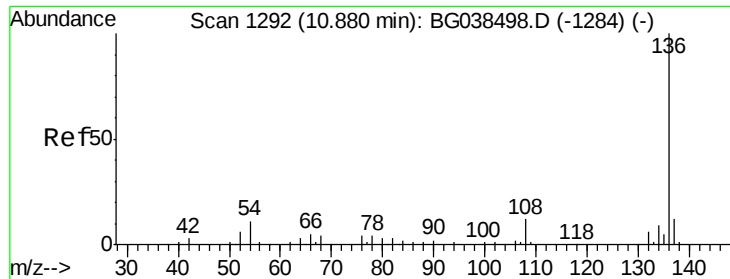
107 100

108 89.9 66.7 106.7

77 36.8 17.3 57.3

79 30.6 12.3 52.3

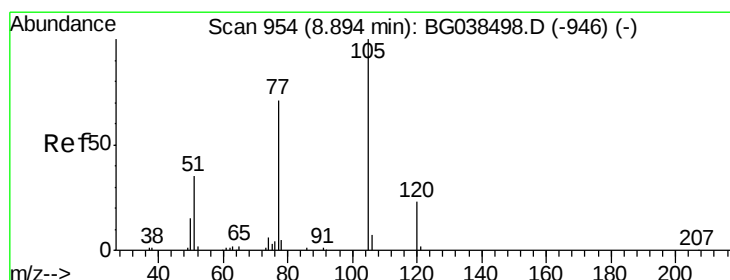
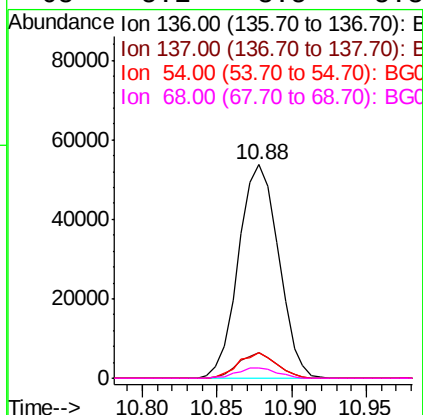
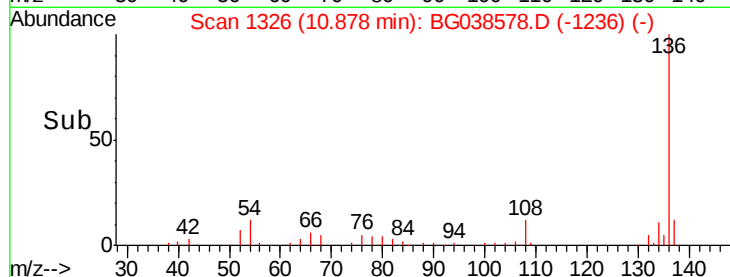
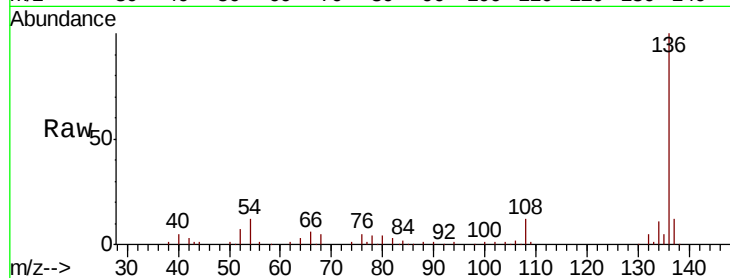




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

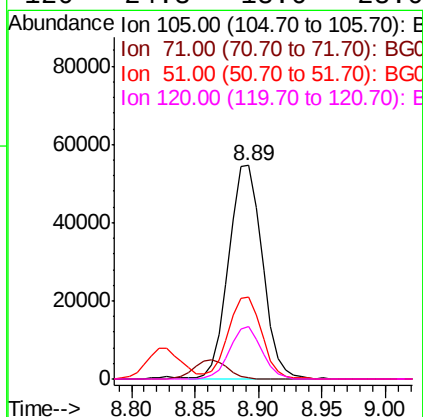
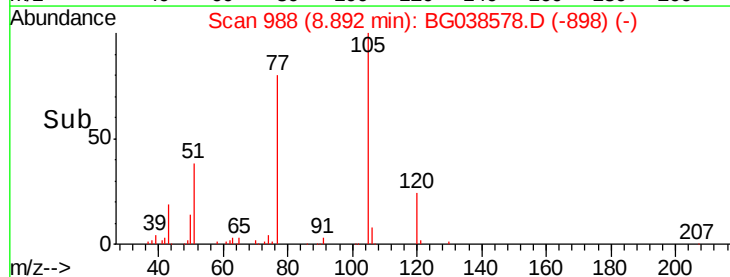
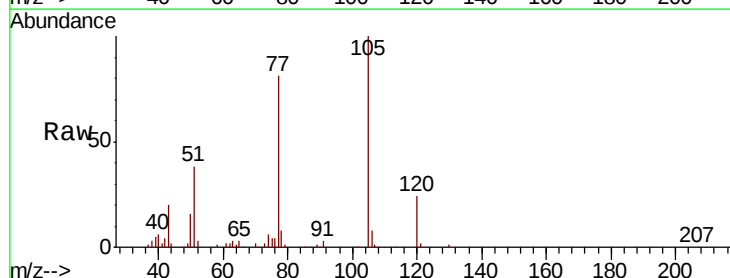
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

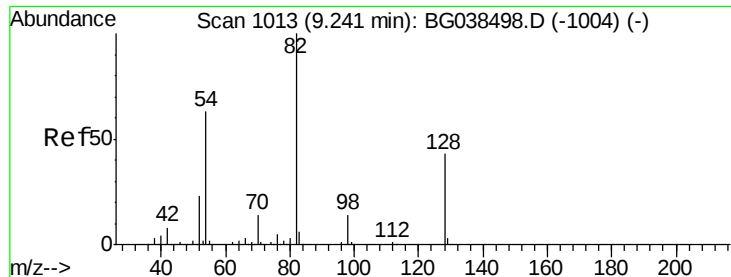
Tgt Ion:	136	Resp:	100297
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	12.1	8.5	12.7
68	5.1	3.5	5.3



#22
Acetophenone
Concen: 40.167 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:	105	Resp:	100626
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	38.2	30.6	46.0
120	24.3	18.6	28.0

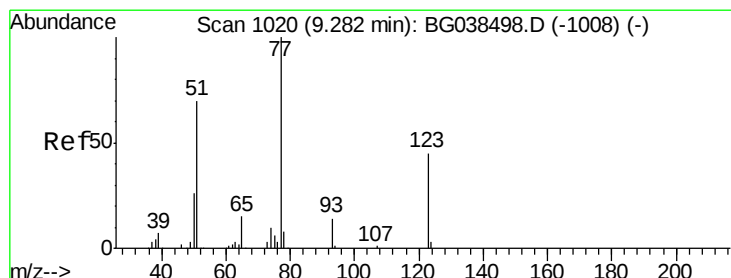
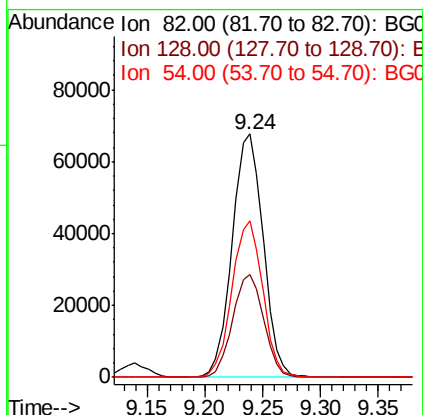
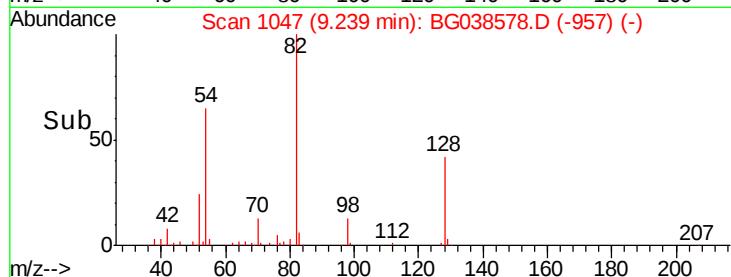
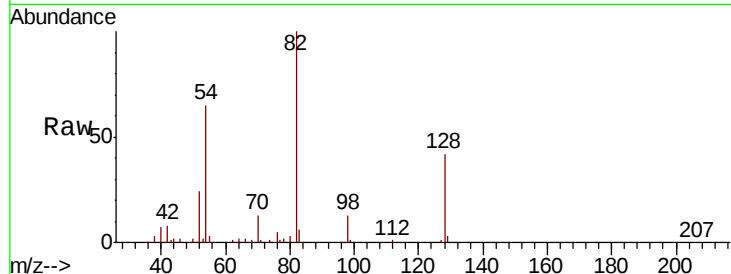




#23
 Nitrobenzene-d5
 Concen: 64.343 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

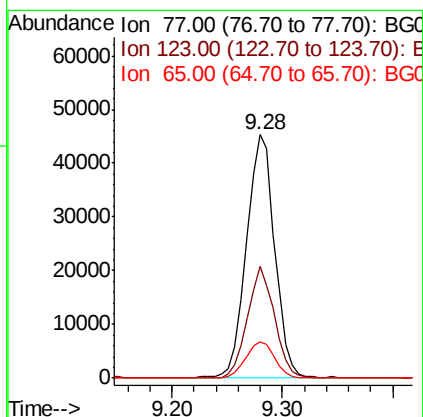
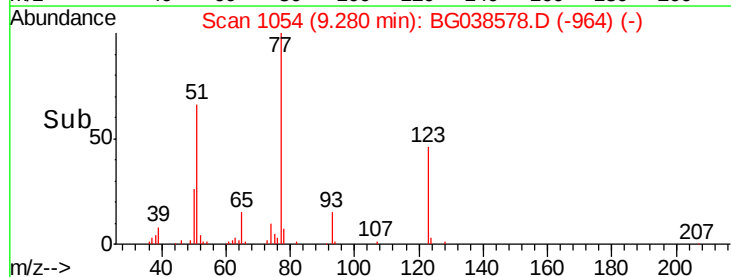
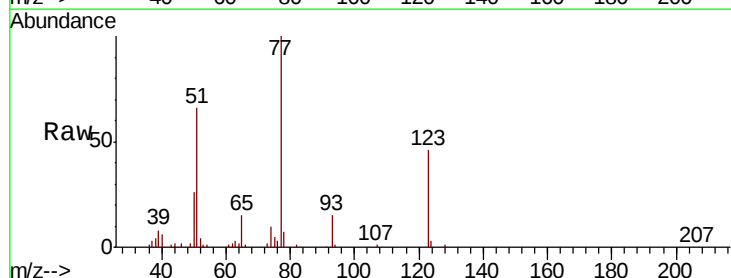
Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

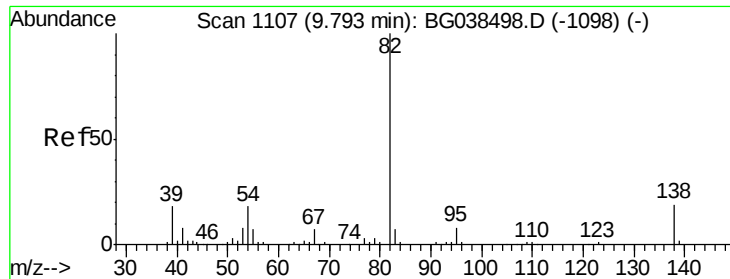
Tgt Ion: 82 Resp: 126321
 Ion Ratio Lower Upper
 82 100
 128 42.0 34.6 52.0
 54 64.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 41.025 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion: 77 Resp: 81479
 Ion Ratio Lower Upper
 77 100
 123 45.7 35.9 53.9
 65 15.1 12.0 18.0





#25

Isophorone

Concen: 41.563 ng

RT: 9.79 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

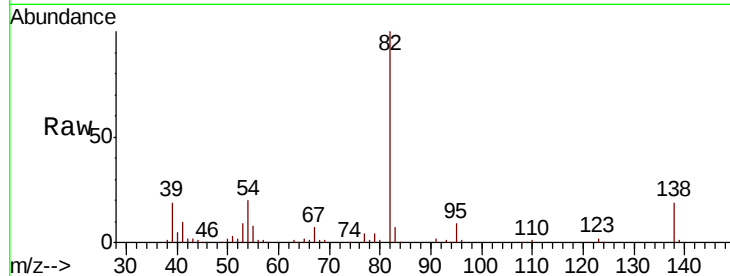
Tgt Ion: 82 Resp: 146608

Ion Ratio Lower Upper

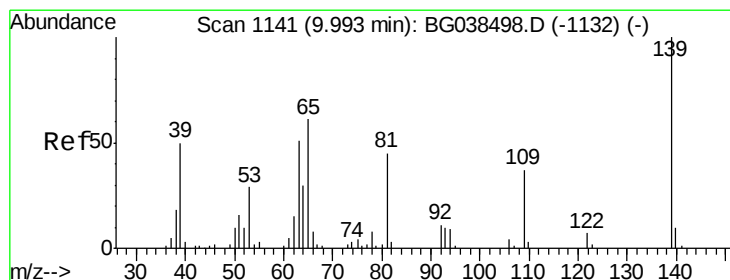
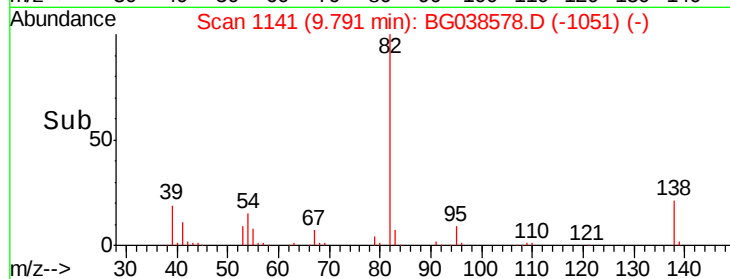
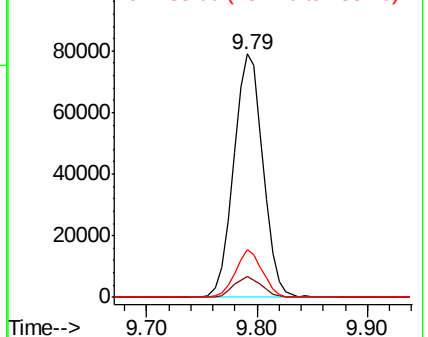
82 100

95 8.5 6.1 9.1

138 19.4 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: 39.200 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

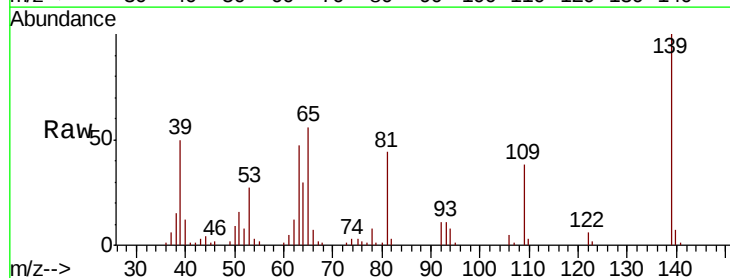
Tgt Ion: 139 Resp: 39848

Ion Ratio Lower Upper

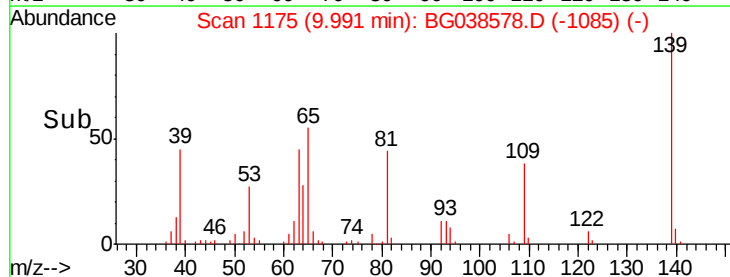
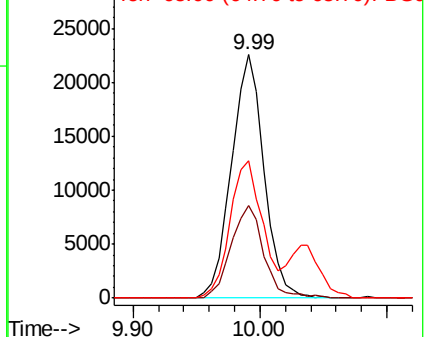
139 100

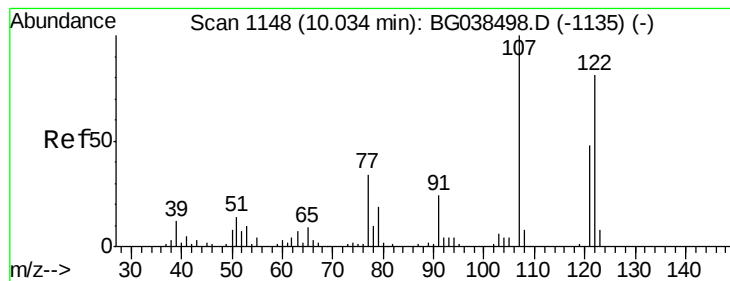
109 38.2 29.5 44.3

65 56.3 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: 47.171 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

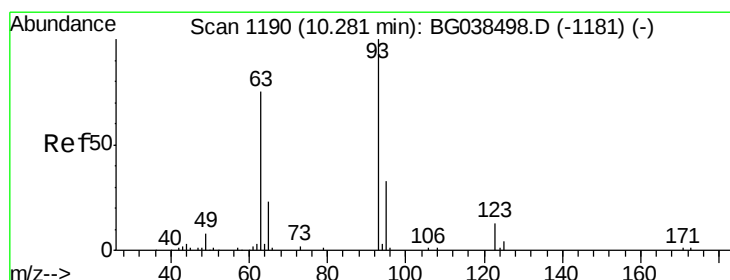
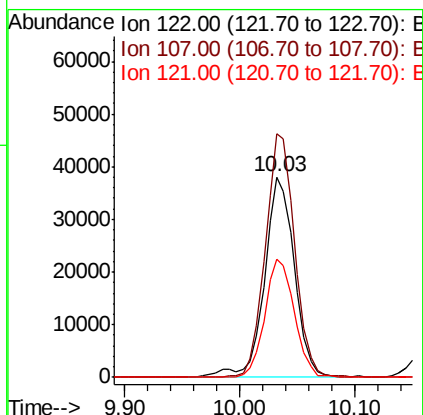
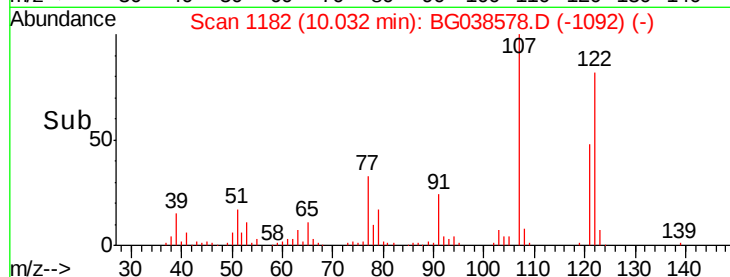
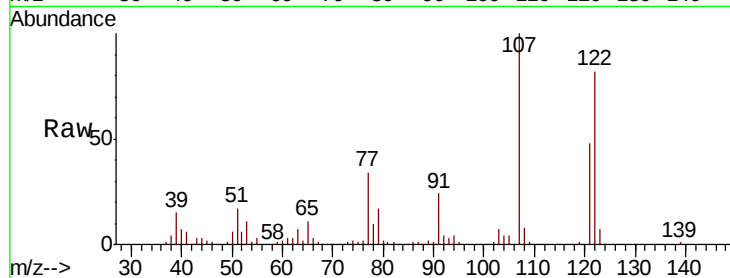
Tgt Ion:122 Resp: 68720

Ion Ratio Lower Upper

122 100

107 121.3 98.4 147.6

121 58.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.749 ng

RT: 10.28 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

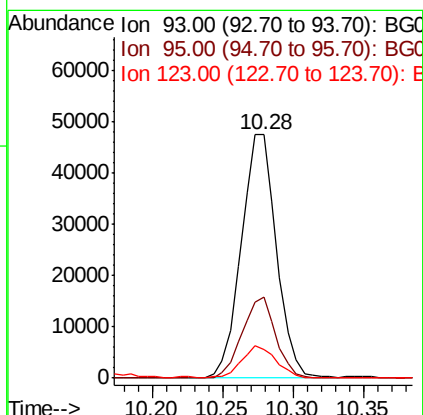
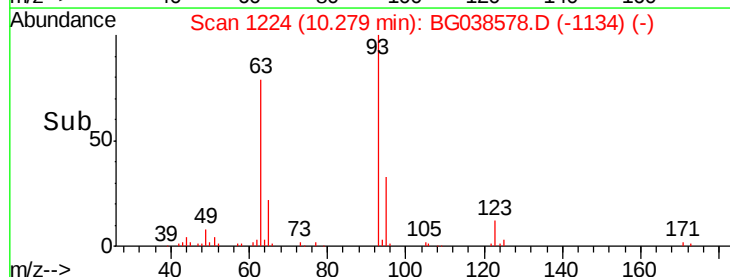
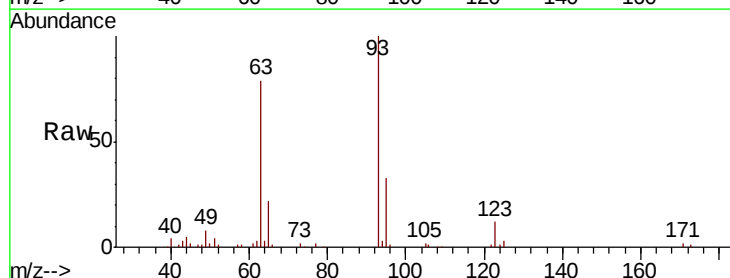
Tgt Ion: 93 Resp: 83106

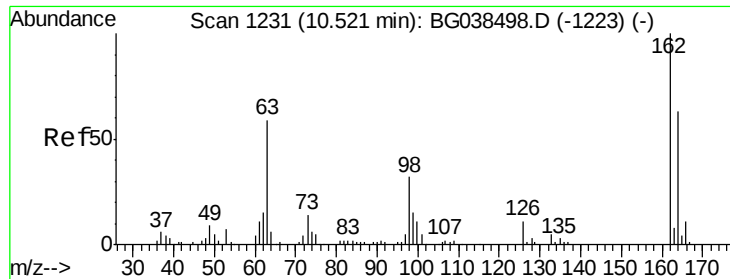
Ion Ratio Lower Upper

93 100

95 33.1 26.6 40.0

123 11.5 10.6 16.0

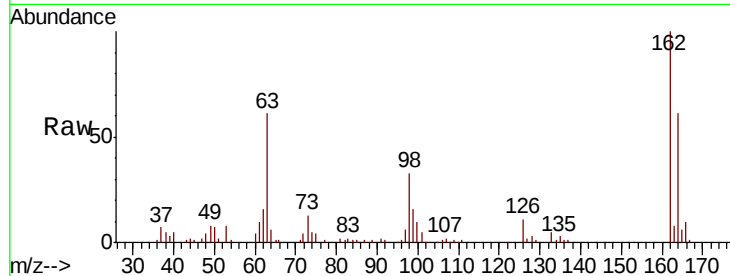




#29
 2,4-Dichlorophenol
 Concen: 44.885 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	42.9	82.9
98	33.2	12.1	52.1

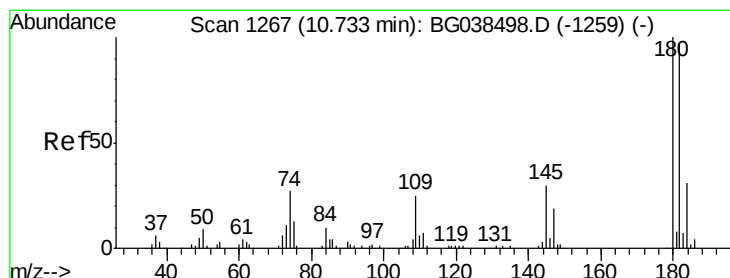
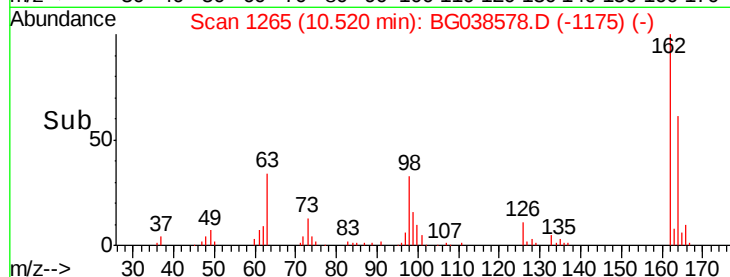
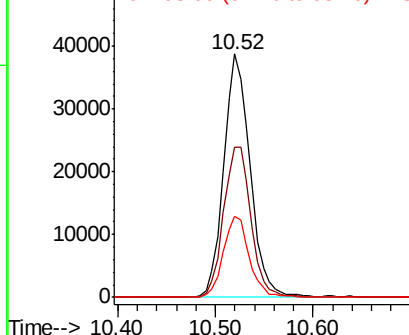


Abundance

Ion 162.00 (161.70 to 162.70): E

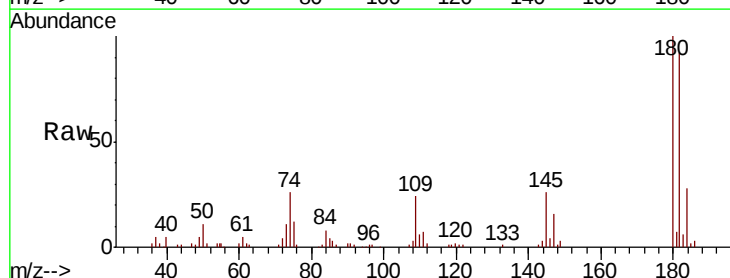
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.990 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	77.4	116.0
145	26.2	24.1	36.1

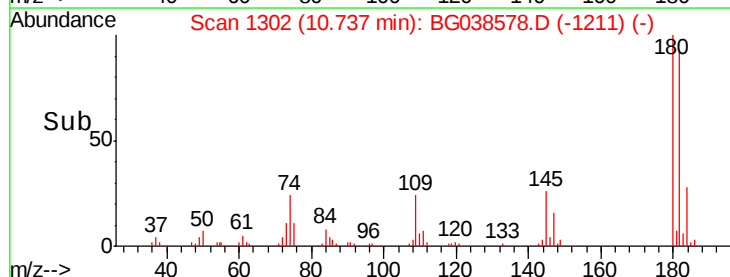
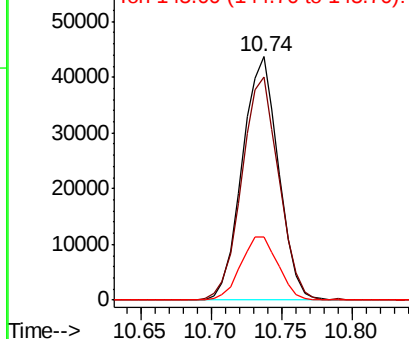


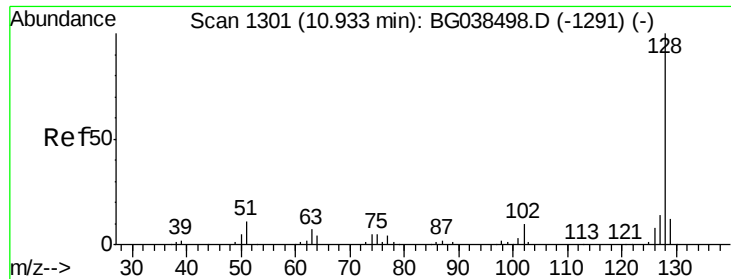
Abundance

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

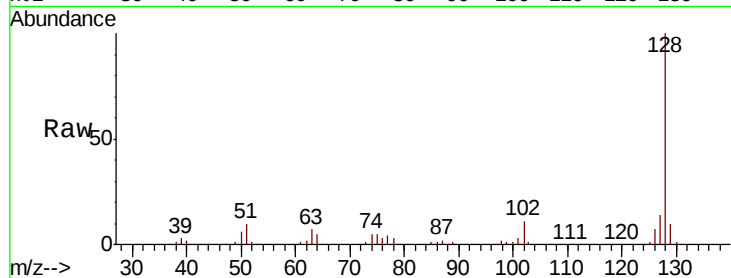




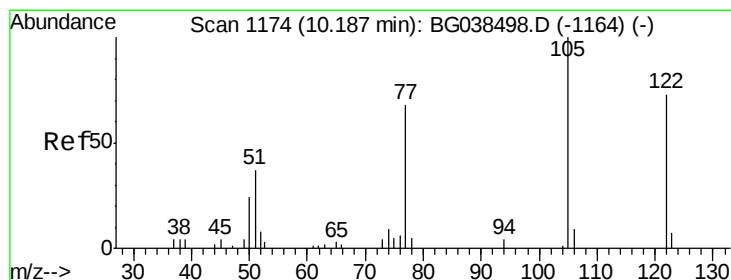
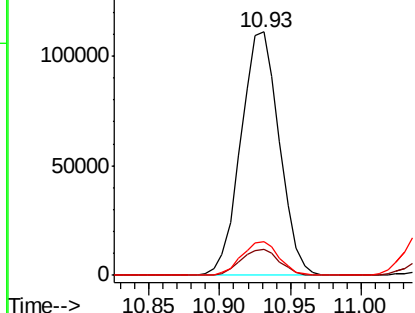
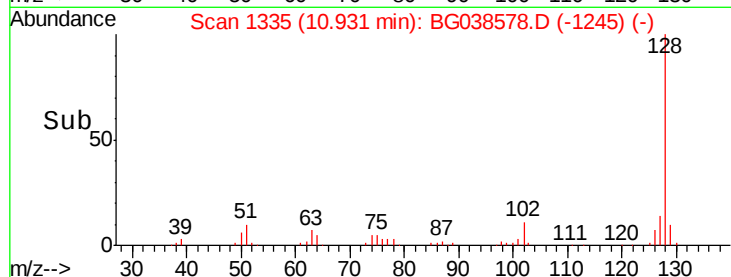
#31
Naphthalene
Concen: 42.709 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tgt Ion:128 Resp: 211058
Ion Ratio Lower Upper
128 100
129 10.5 9.5 14.3
127 13.7 10.9 16.3

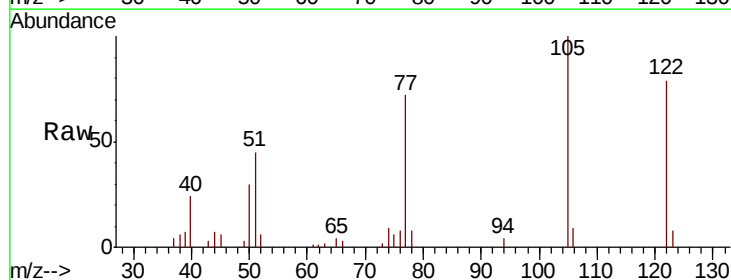


Abundance Ion 128.00 (127.70 to 128.70): E
150000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

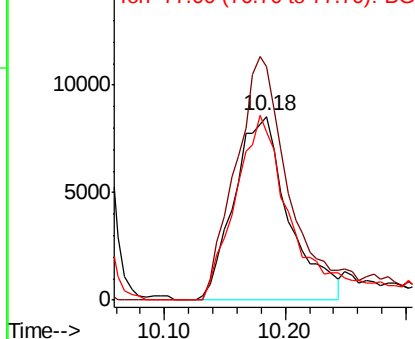
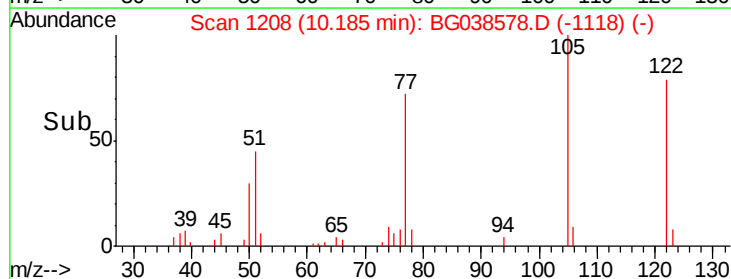


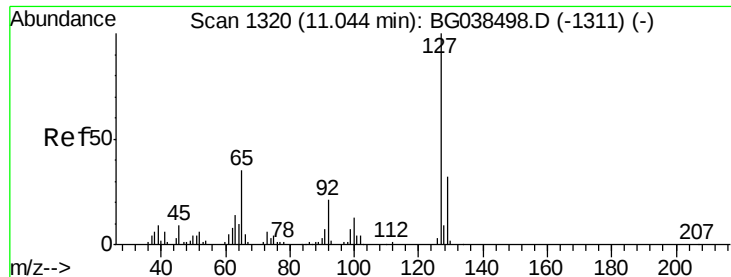
#32
Benzoic acid
Concen: 32.963 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:122 Resp: 26764
Ion Ratio Lower Upper
122 100
105 126.9 116.7 156.7
77 91.3 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
15000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

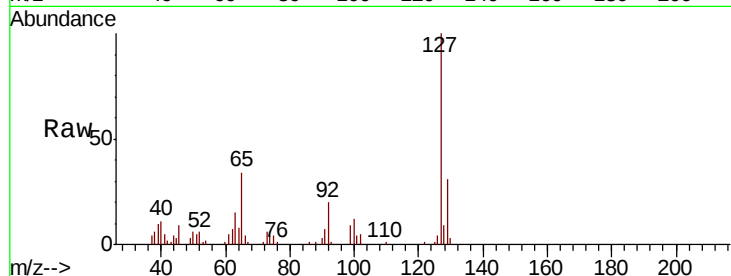




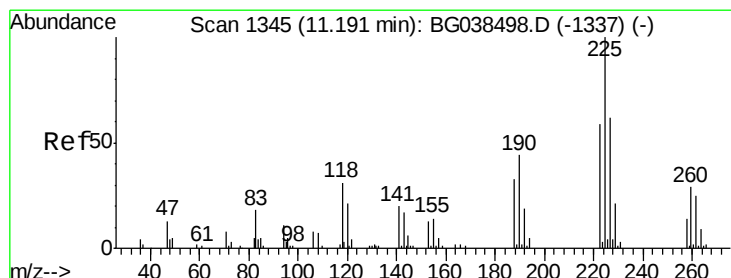
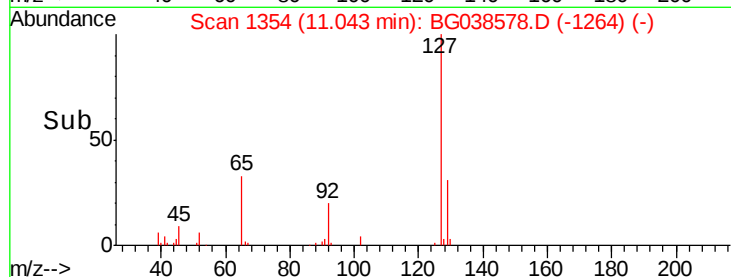
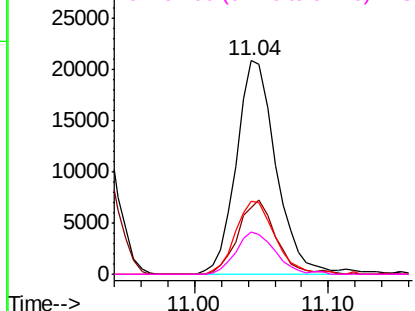
#33
4-Chloroaniline
Concen: 20.011 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tgt Ion:	127	Resp:	42933
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	34.1	27.8	41.6
92	19.9	17.0	25.6

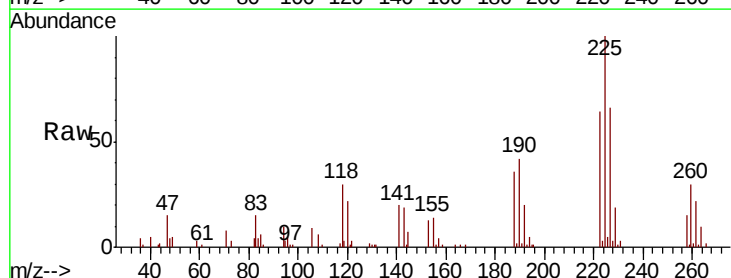


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

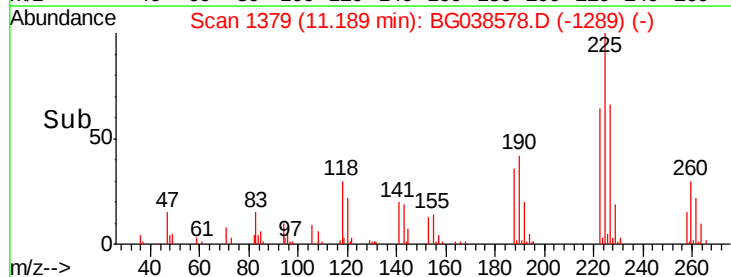
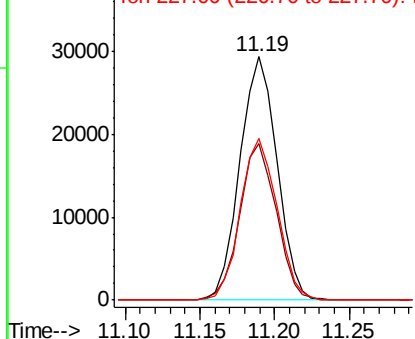


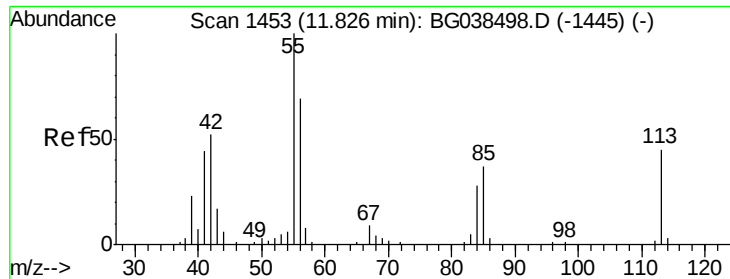
#34
Hexachlorobutadiene
Concen: 38.300 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:	225	Resp:	50734
Ion	Ratio	Lower	Upper
225	100		
223	64.2	45.0	67.6
227	66.0	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: 21.715 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

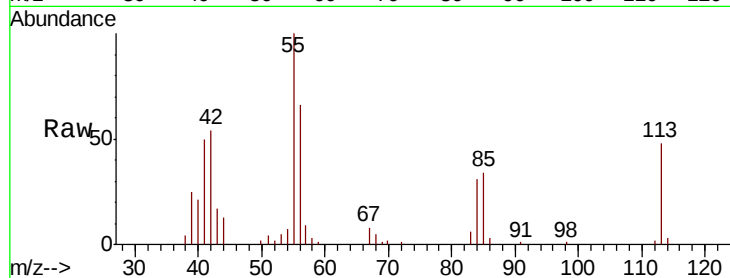
Tgt Ion:113 Resp: 14565

Ion Ratio Lower Upper

113 100

55 210.2 204.3 244.3

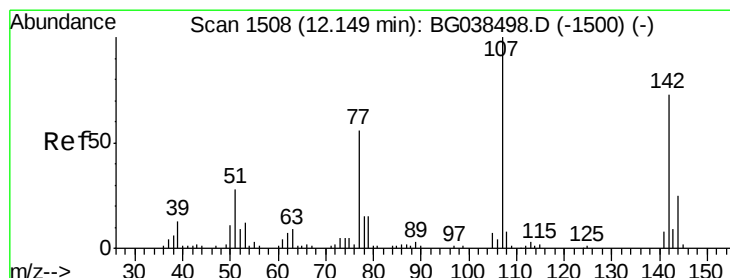
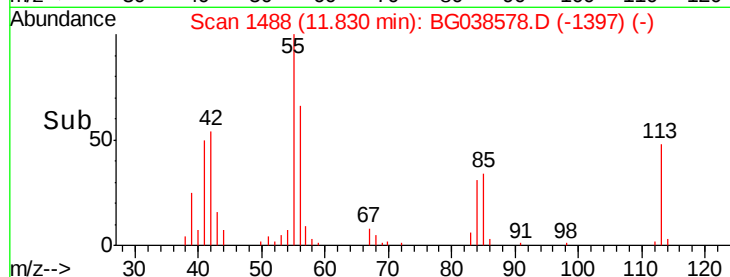
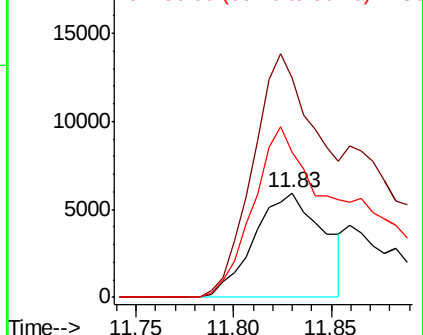
56 139.3 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.046 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

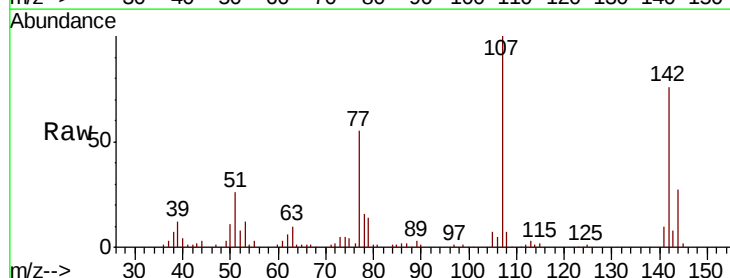
Tgt Ion:107 Resp: 74065

Ion Ratio Lower Upper

107 100

144 27.2 20.1 30.1

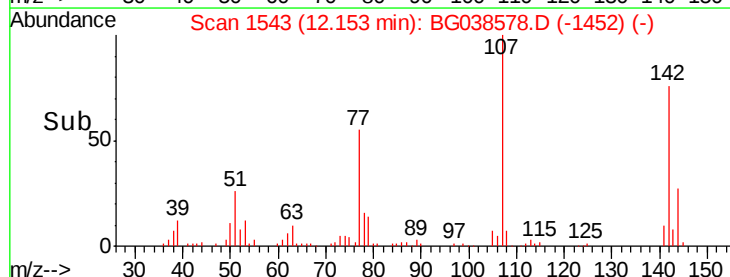
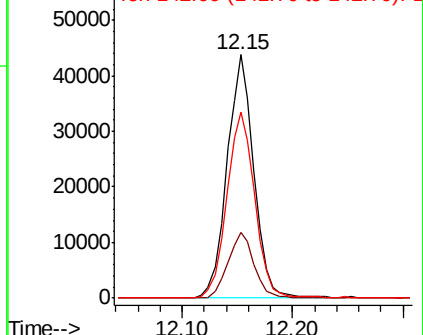
142 76.4 58.7 88.1

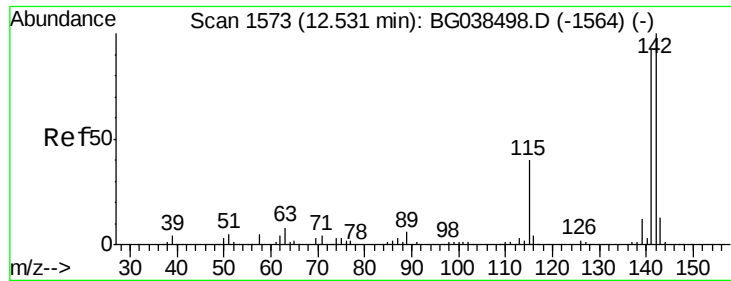


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

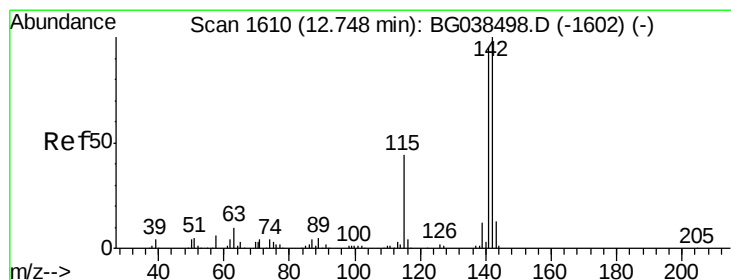
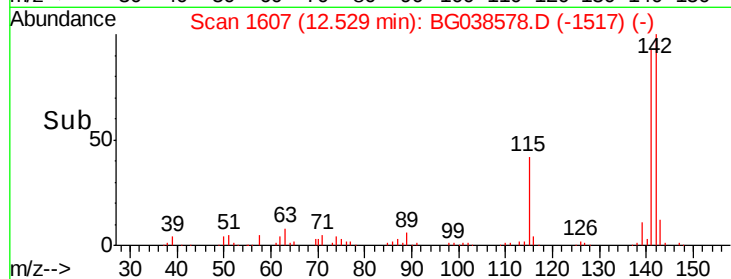
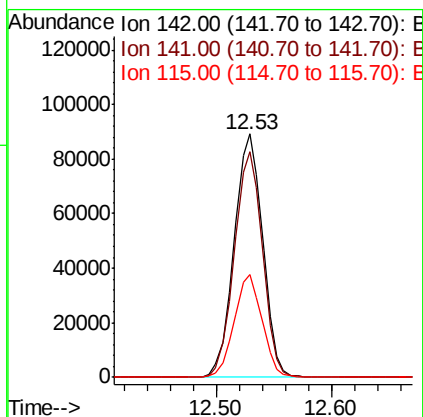
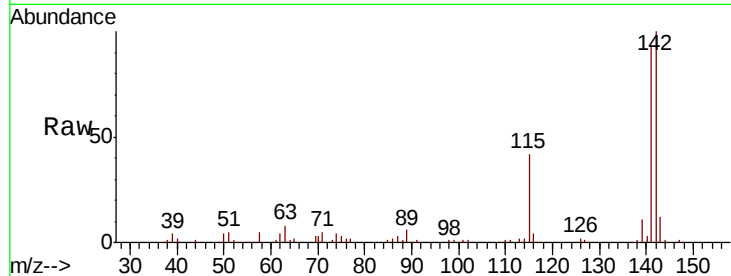




#37
2-Methylnaphthalene
Concen: 43.224 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

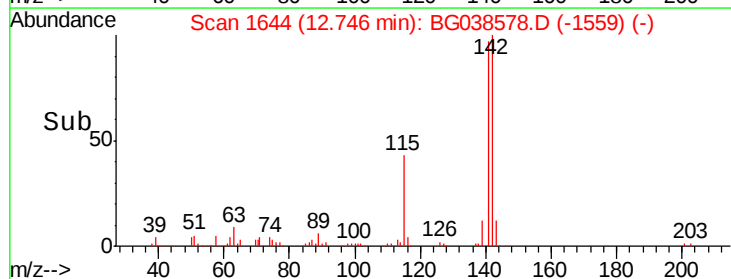
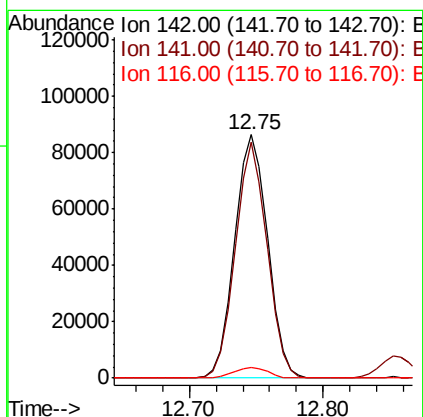
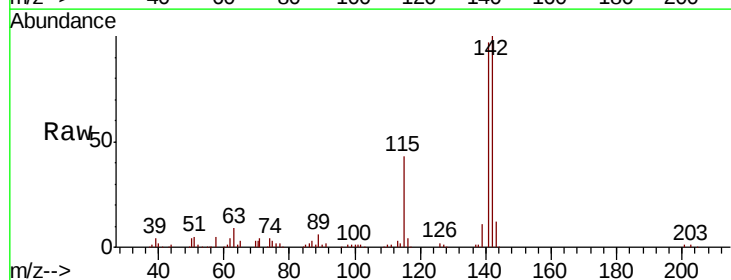
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

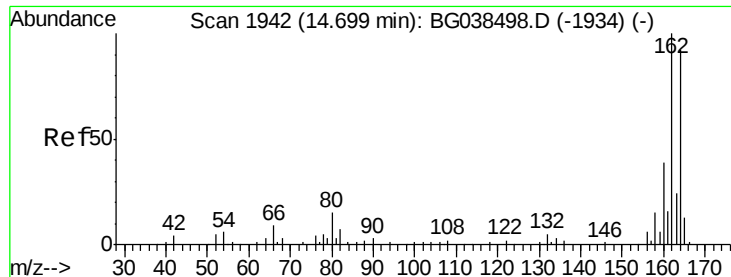
Tgt Ion:142 Resp: 152387
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
115 42.4 31.7 47.5



#38
1-Methylnaphthalene
Concen: 43.242 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:142 Resp: 147932
Ion Ratio Lower Upper
142 100
141 96.8 75.8 113.8
116 4.4 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: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampled :

PB115362BSD

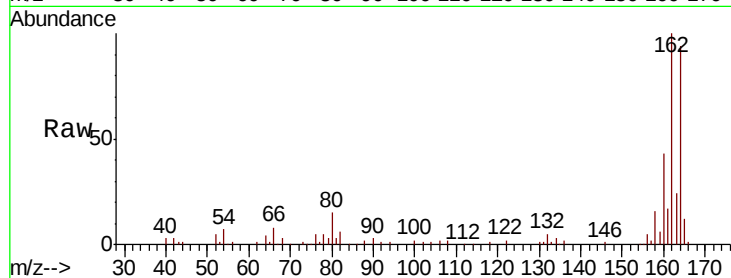
Tgt Ion:164 Resp: 63413

Ion Ratio Lower Upper

164 100

162 106.7 86.6 130.0

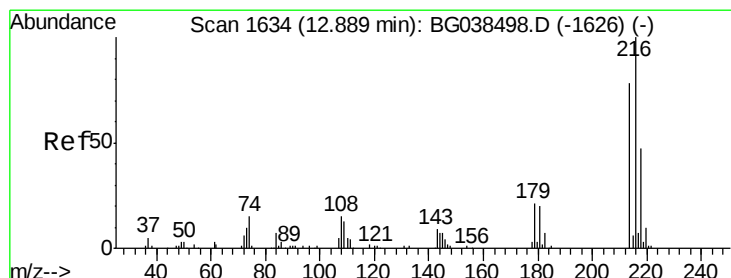
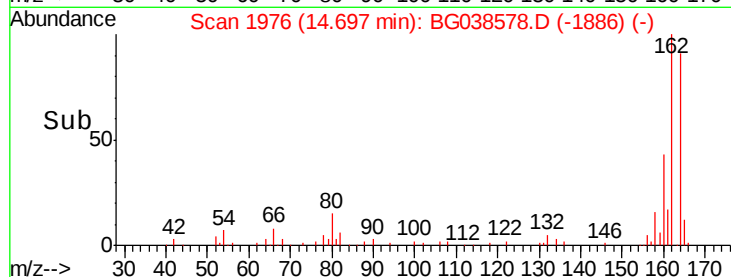
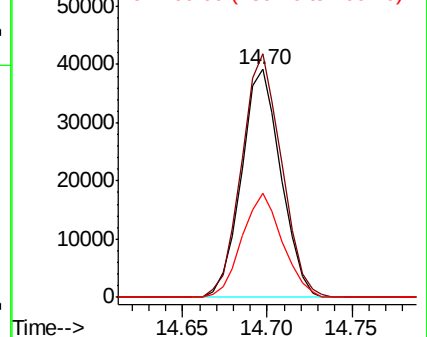
160 45.5 34.2 51.2



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: 38.294 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Tgt Ion:216 Resp: 90770

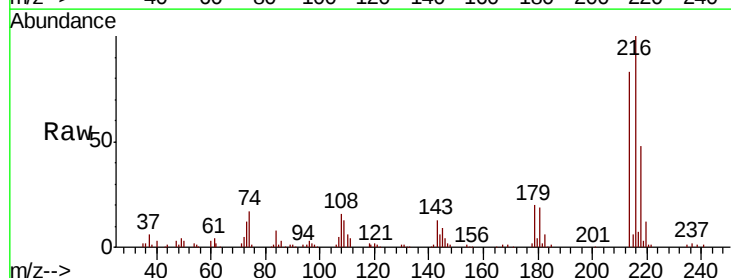
Ion Ratio Lower Upper

216 100

214 79.3 64.1 96.1

179 20.3 16.4 24.6

108 19.7 13.9 20.9

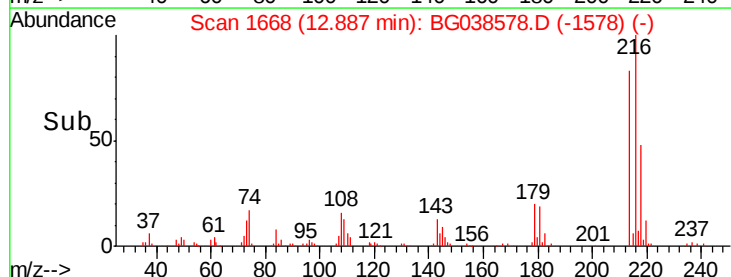
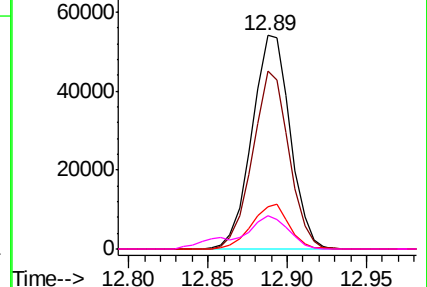


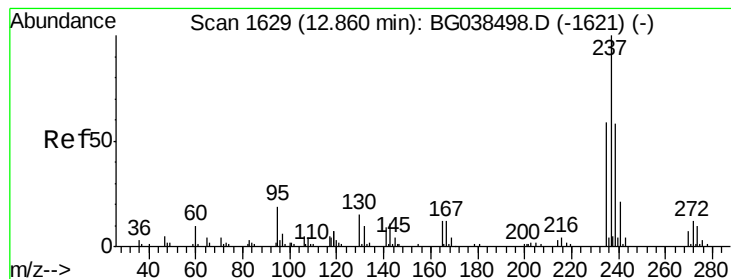
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.837 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

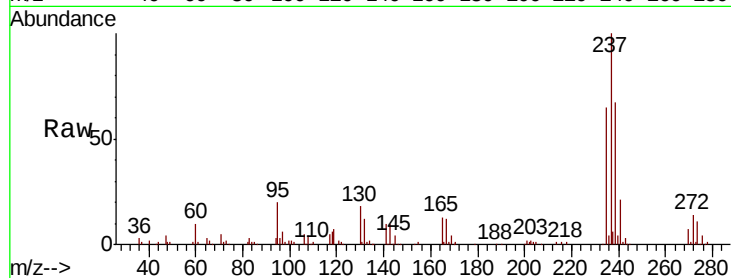
Tgt Ion: 237 Resp: 123503

Ion Ratio Lower Upper

237 100

235 64.8 38.8 78.8

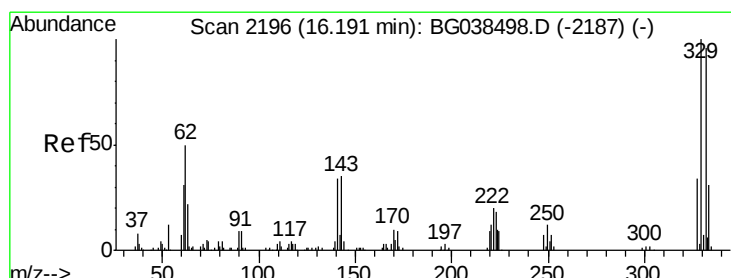
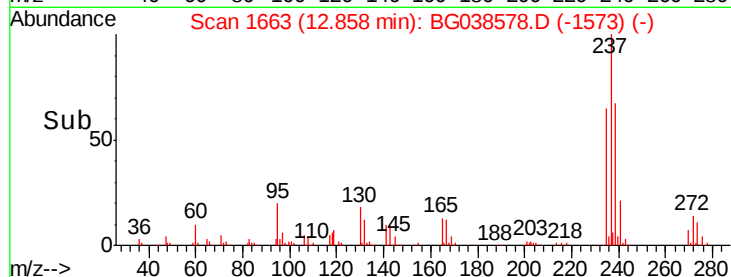
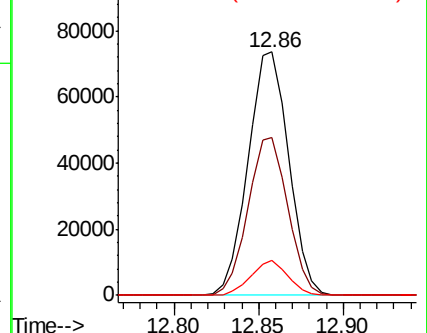
272 14.1 0.0 32.0



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: 124.200 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

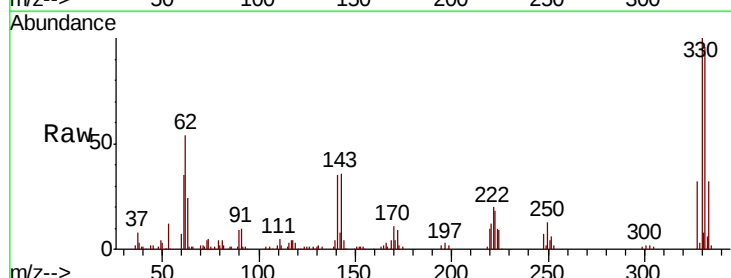
Tgt Ion: 330 Resp: 108544

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

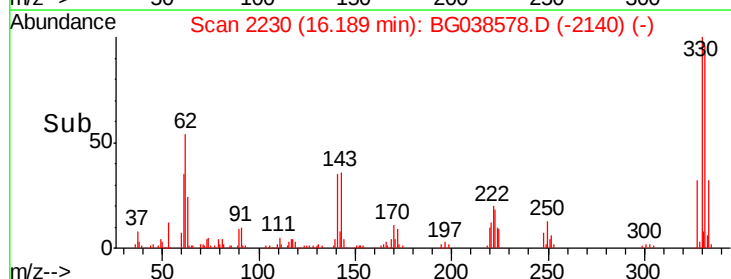
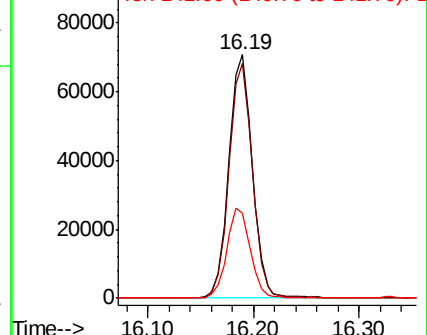
141 37.2 28.8 43.2

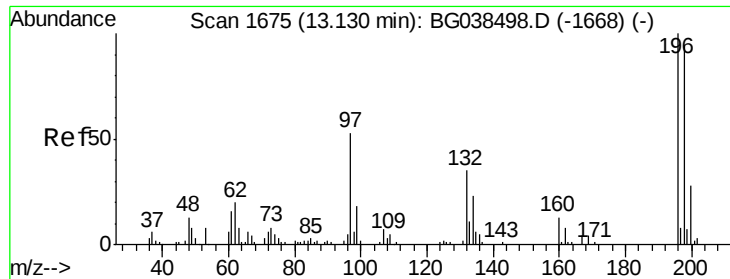


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

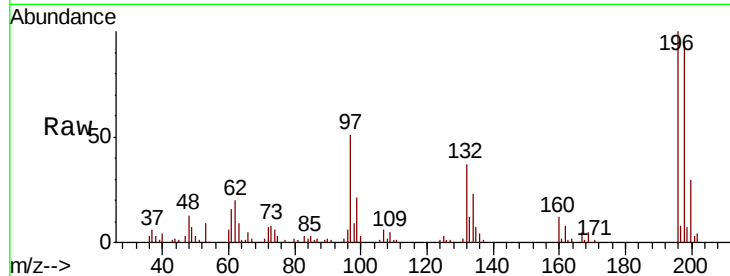




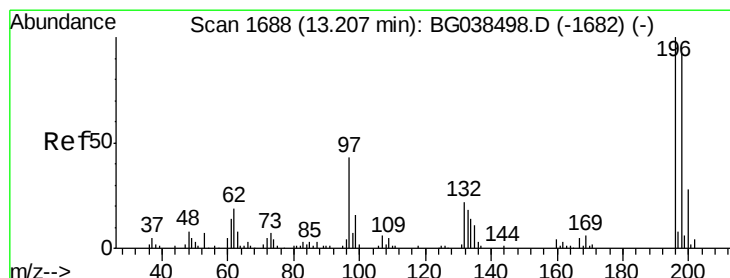
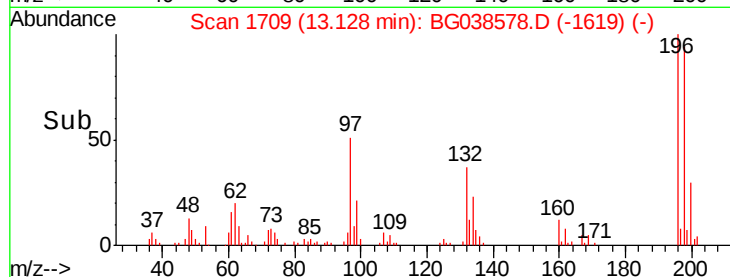
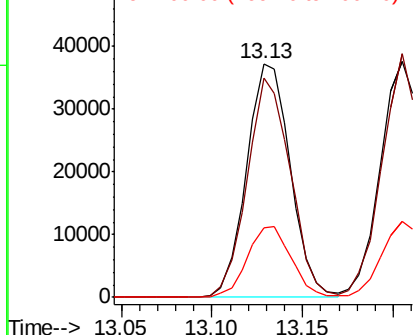
#43
 2,4,6-Trichlorophenol
 Concen: 42.822 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion:196 Resp: 62411
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.0 112.4
 200 29.8 22.4 33.6



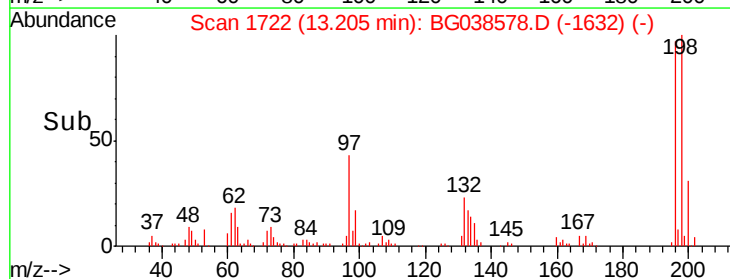
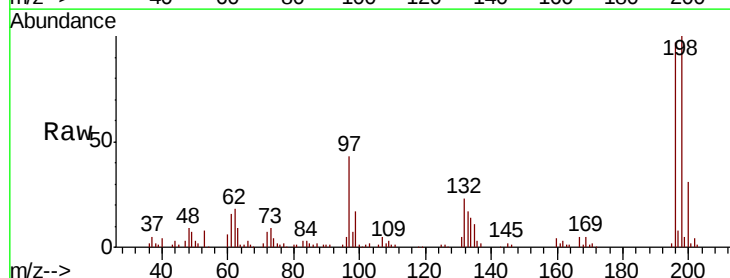
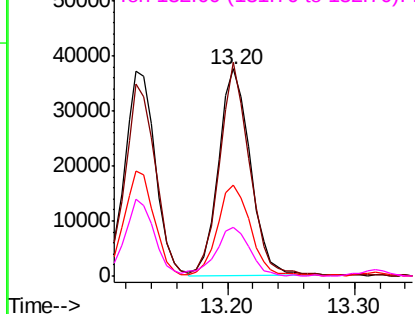
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

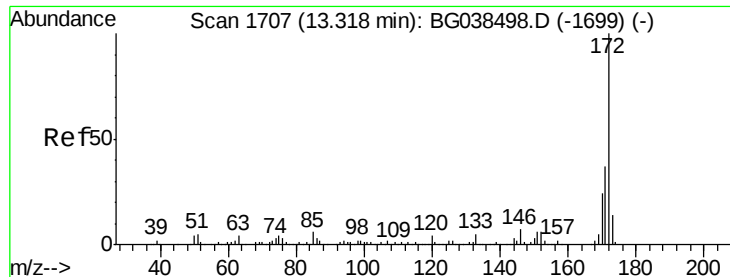


#44
 2,4,5-Trichlorophenol
 Concen: 42.334 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:196 Resp: 65326
 Ion Ratio Lower Upper
 196 100
 198 103.0 74.0 111.0
 97 43.9 35.1 52.7
 132 23.2 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

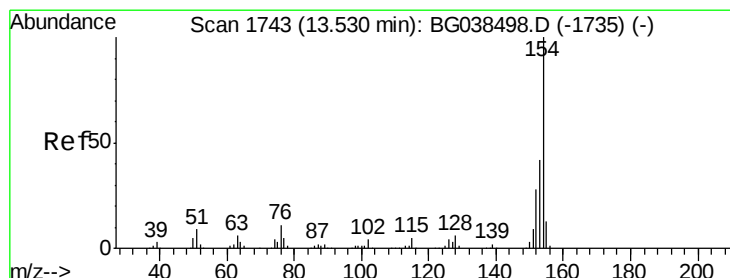
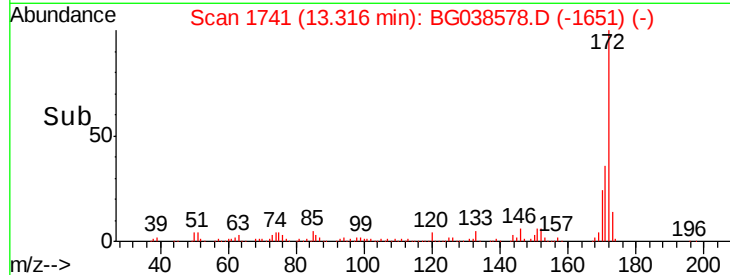
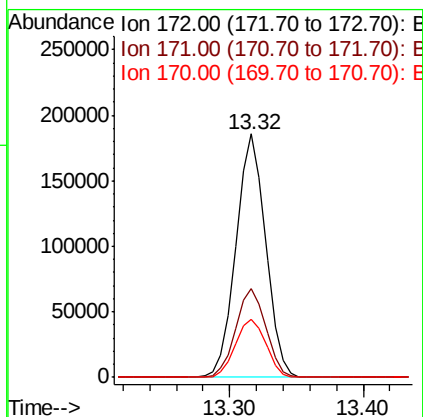
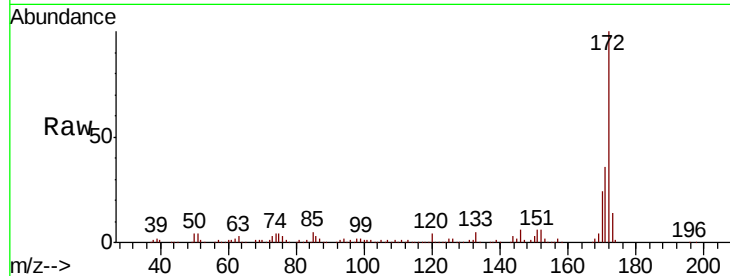




#45
 2-Fluorobiphenyl
 Concen: 61.882 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

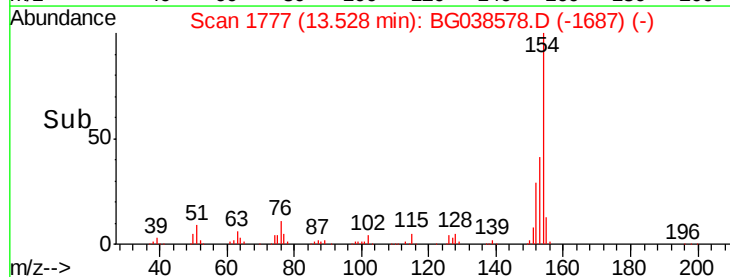
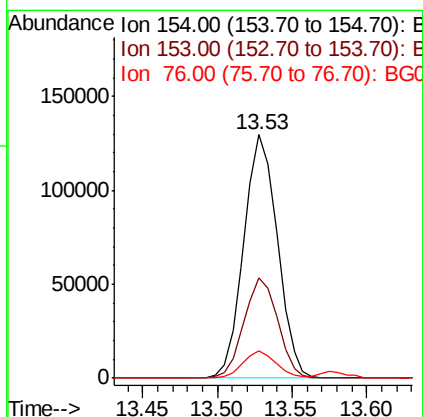
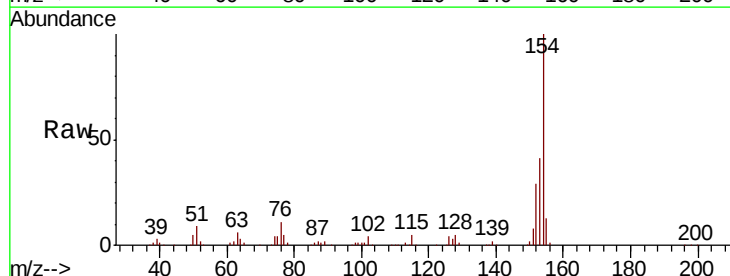
Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

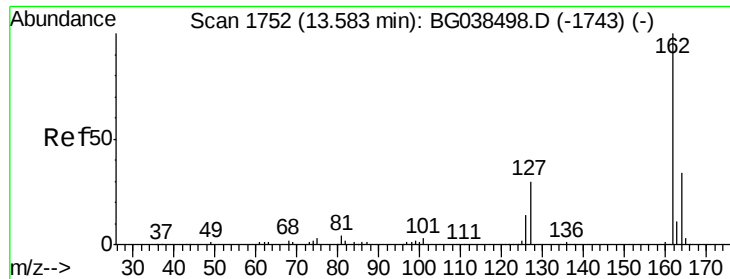
Tgt Ion:172 Resp: 286047
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.6
 170 23.7 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 37.997 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:154 Resp: 201994
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.1 62.1
 76 11.3 0.0 31.2

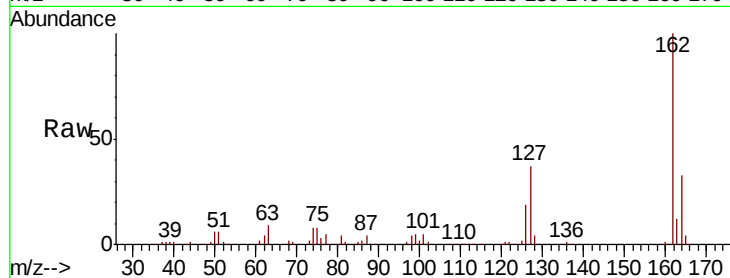




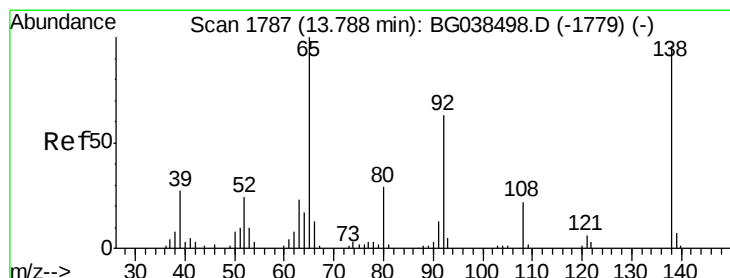
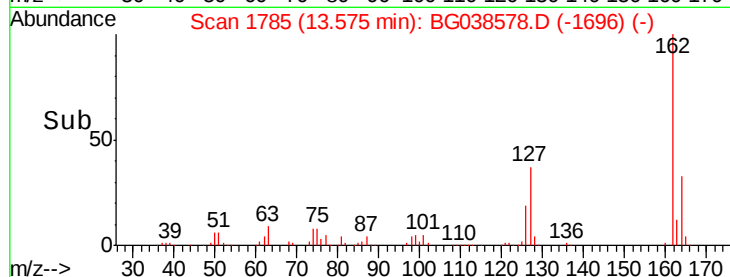
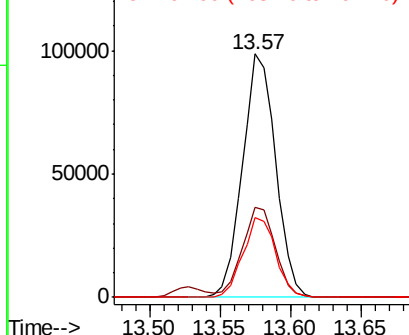
#47
 2-Chloronaphthalene
 Concen: 39.583 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.0	27.8	41.8
164	32.7	26.9	40.3

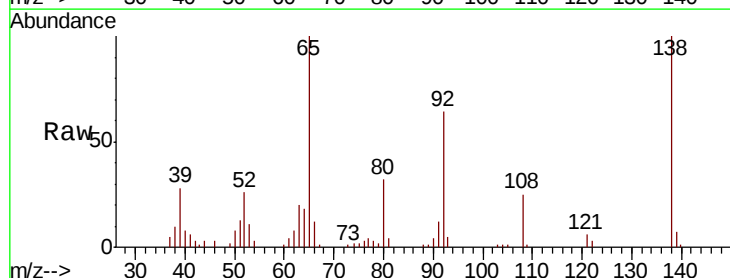


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

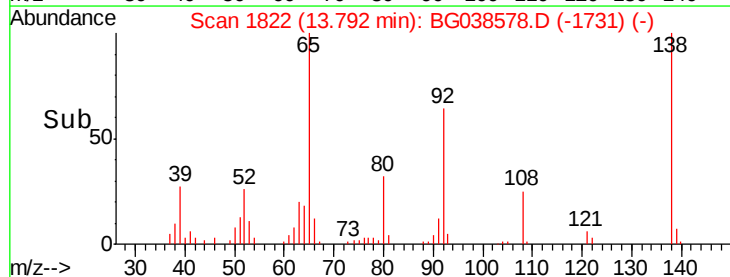
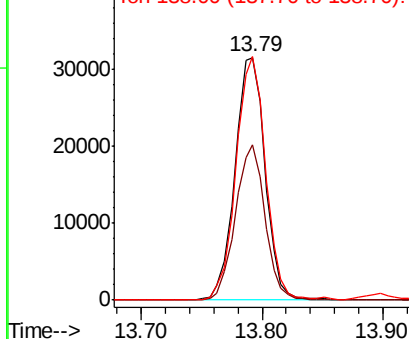


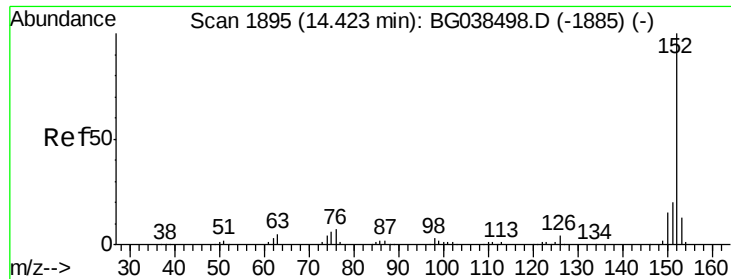
#48
 2-Nitroaniline
 Concen: 41.918 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	50.0	75.0
138	100.4	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: 42.321 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

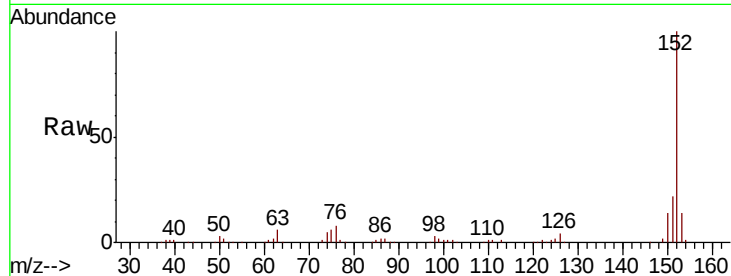
Tgt Ion:152 Resp: 259802

Ion Ratio Lower Upper

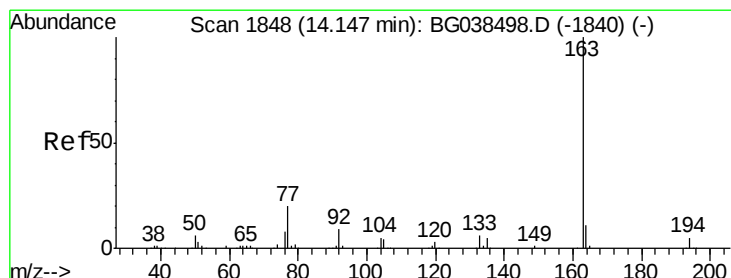
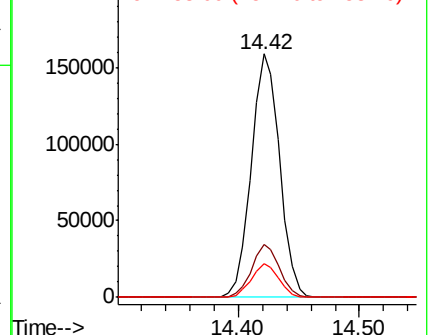
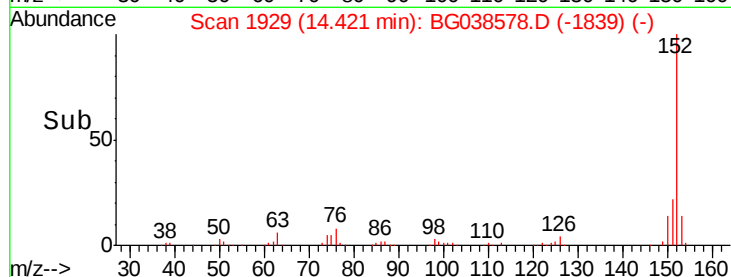
152 100

151 21.9 16.4 24.6

153 13.6 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: 40.667 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

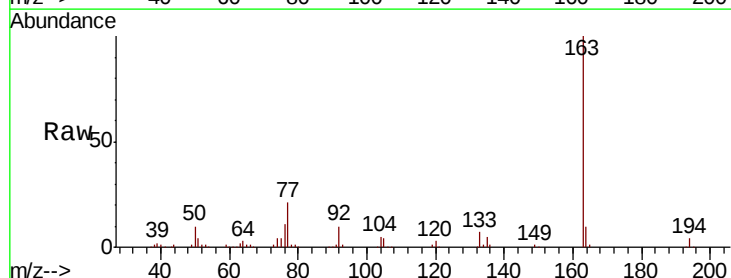
Tgt Ion:163 Resp: 210595

Ion Ratio Lower Upper

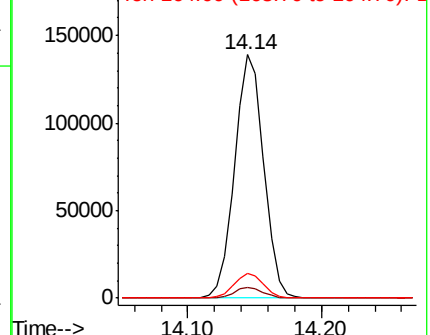
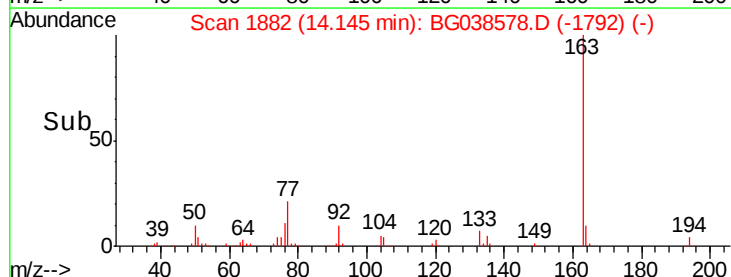
163 100

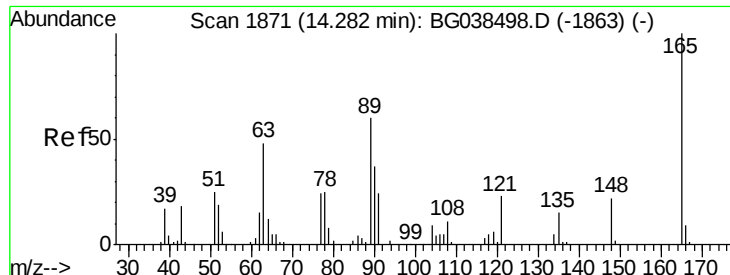
194 4.4 3.7 5.5

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

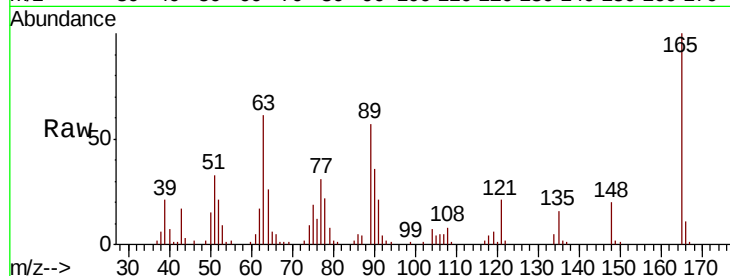




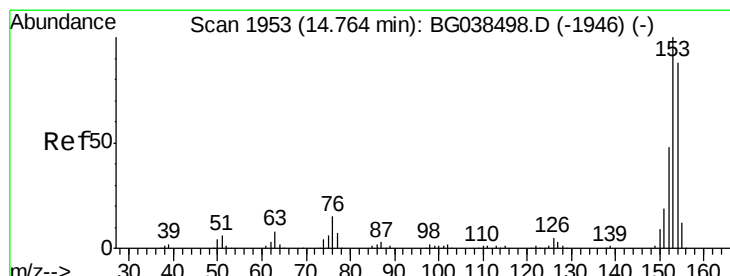
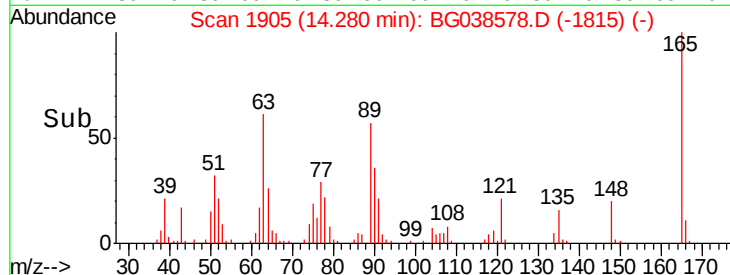
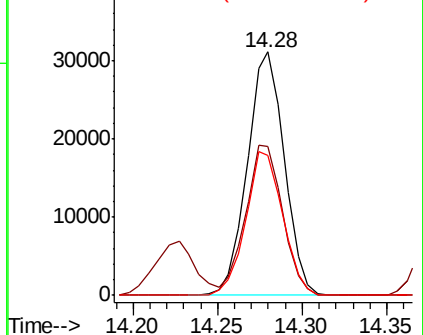
#51
 2,6-Dinitrotoluene
 Concen: 40.277 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion:165 Resp: 47267
 Ion Ratio Lower Upper
 165 100
 63 61.4 51.8 77.6
 89 57.4 47.9 71.9

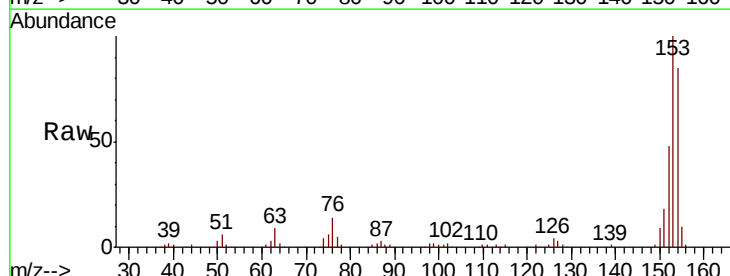


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

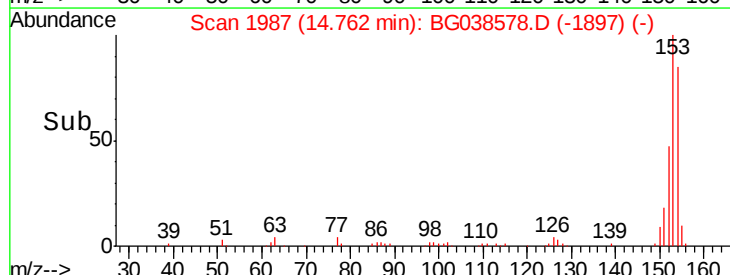
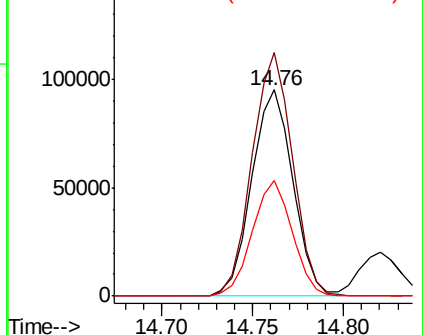


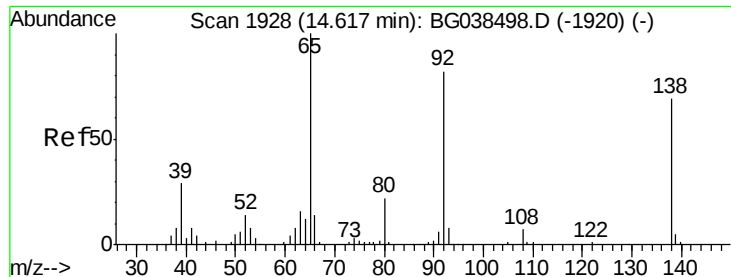
#52
 Acenaphthene
 Concen: 40.950 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:154 Resp: 150321
 Ion Ratio Lower Upper
 154 100
 153 118.2 90.6 136.0
 152 56.4 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

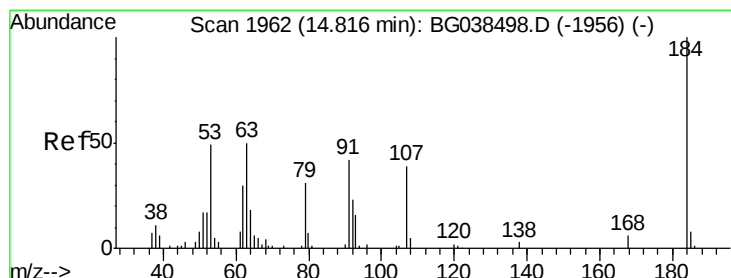
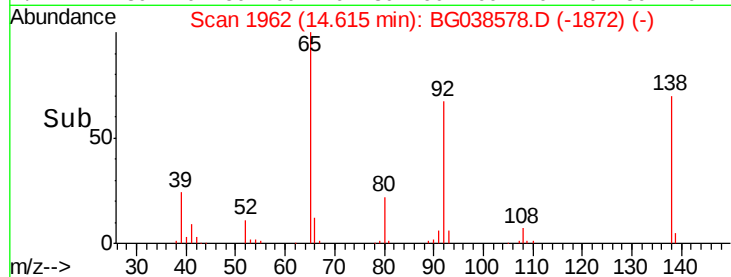
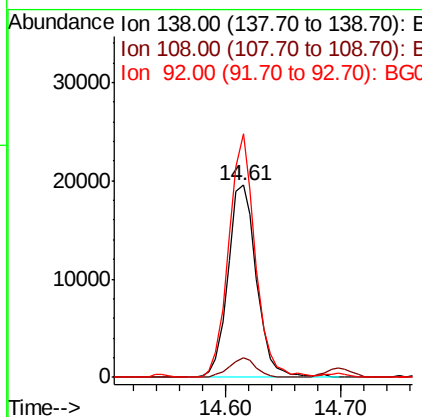
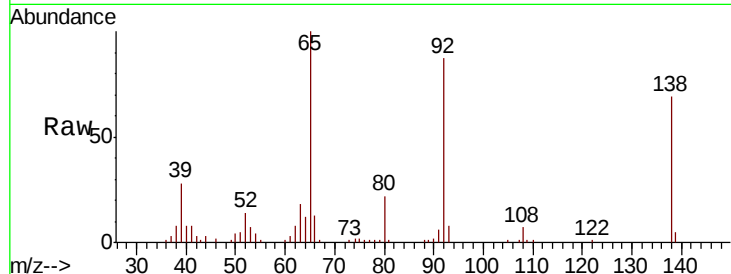




#53
 3-Nitroaniline
 Concen: 27.985 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

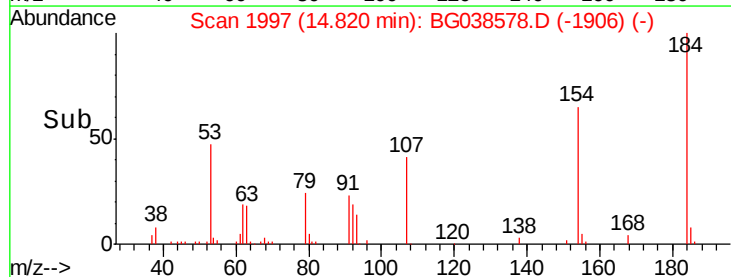
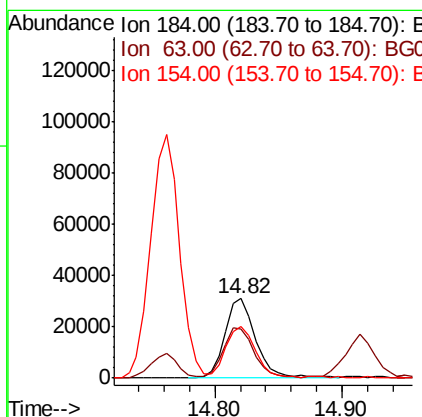
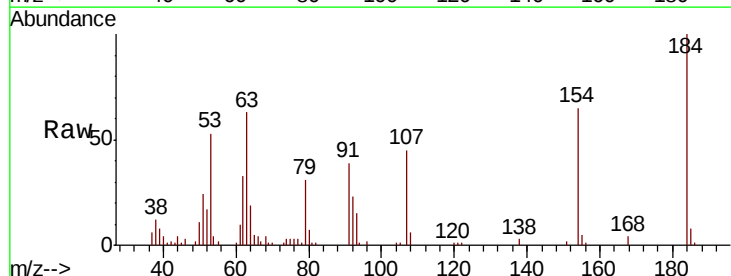
Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

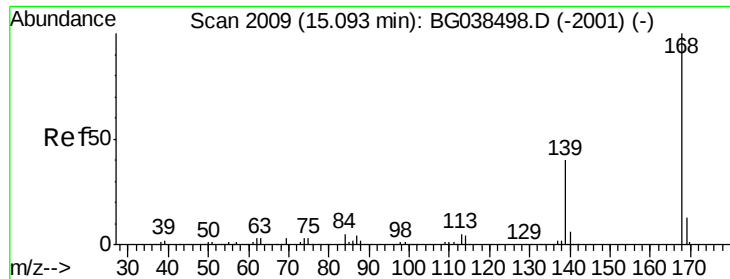
Tgt Ion:138 Resp: 33478
 Ion Ratio Lower Upper
 138 100
 108 10.2 7.9 11.9
 92 126.8 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 74.919 ng
 RT: 14.82 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:184 Resp: 52067
 Ion Ratio Lower Upper
 184 100
 63 62.6 47.0 70.6
 154 65.2 50.3 75.5

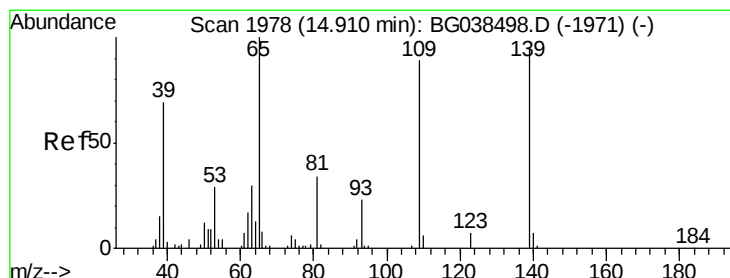
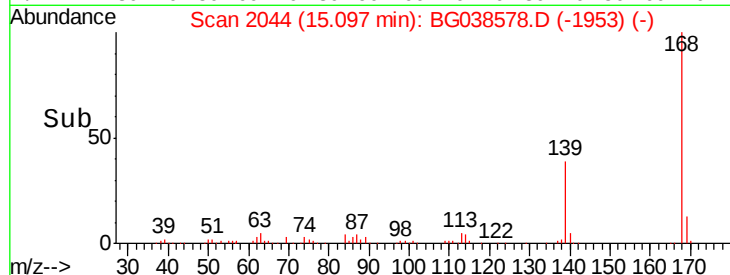
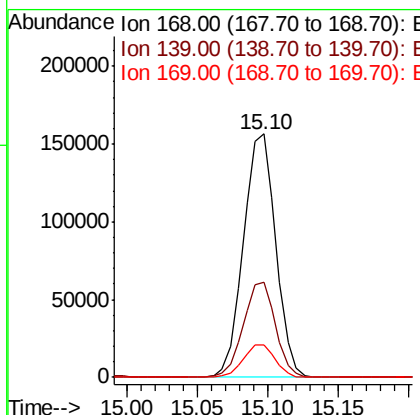
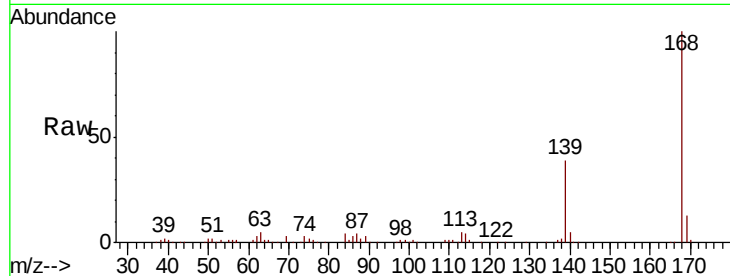




#55
Dibenzenofuran
Concen: 39.866 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

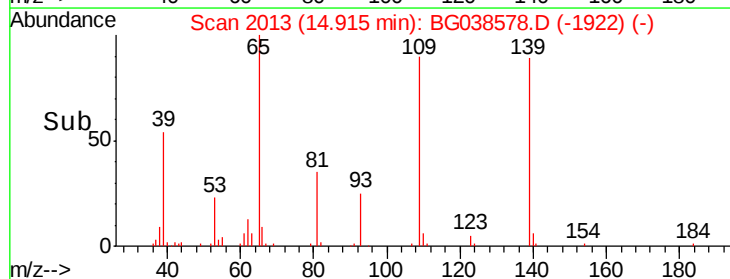
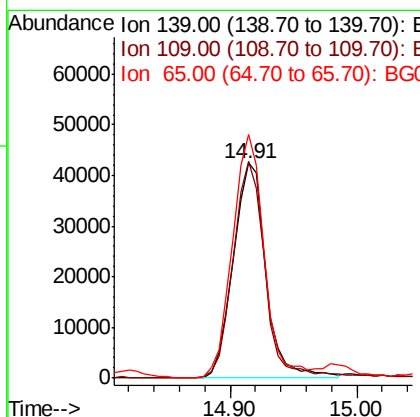
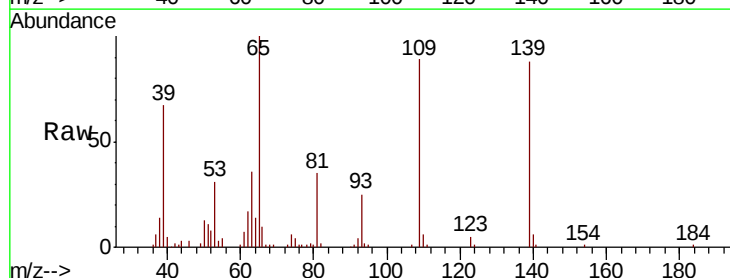
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

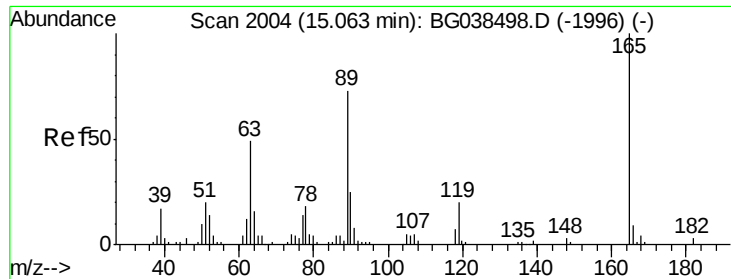
Tgt Ion:	168	Resp:	250851
Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.2	48.2
169	13.3	10.6	16.0



#56
4-Nitrophenol
Concen: 83.036 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:	139	Resp:	75358
Ion	Ratio	Lower	Upper
139	100		
109	100.8	73.6	113.6
65	113.1	84.8	124.8

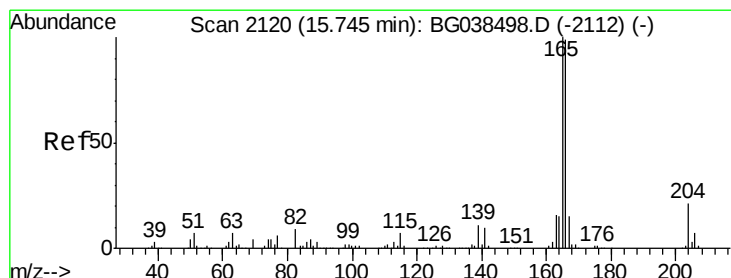
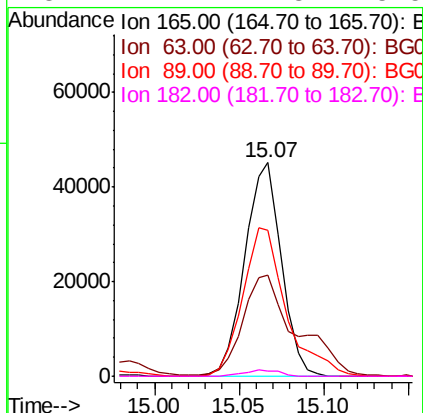
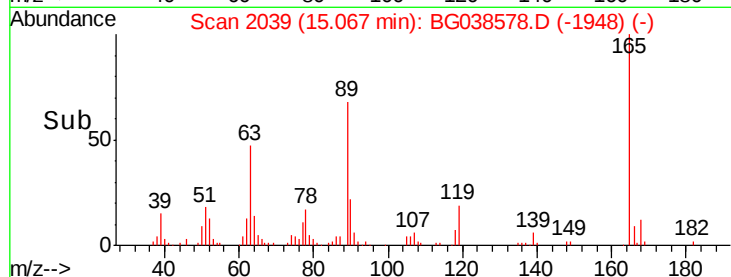
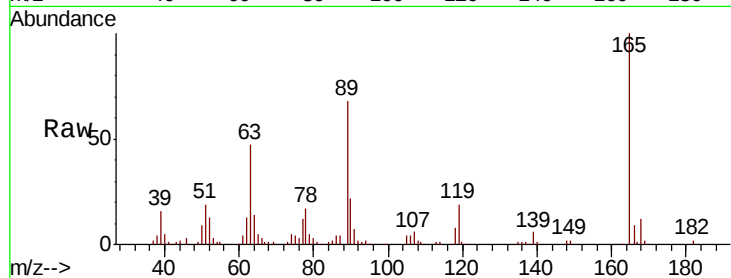




#57
2,4-Dinitrotoluene
Concen: 41.057 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

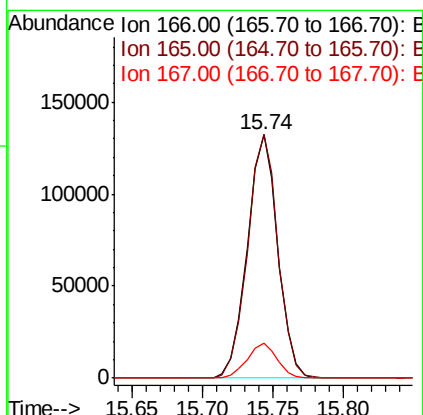
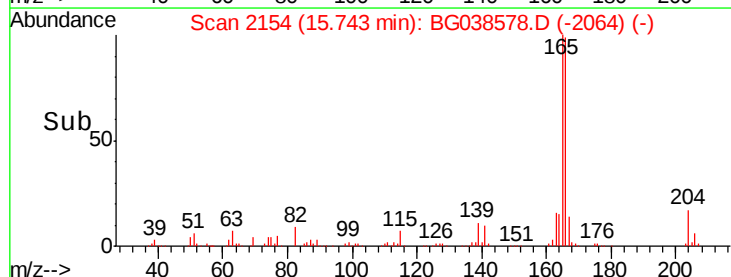
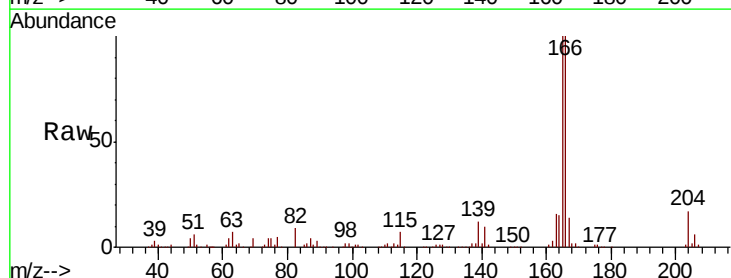
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

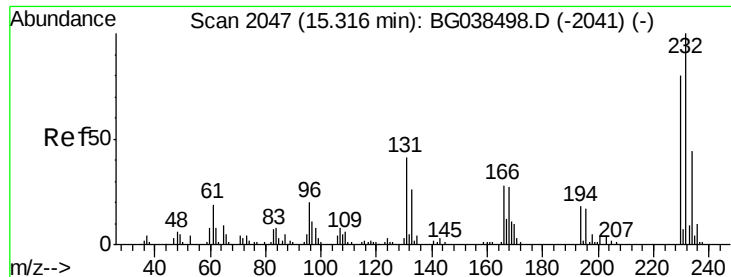
Tgt Ion:165 Resp: 67862
Ion Ratio Lower Upper
165 100
63 47.1 39.0 58.4
89 68.1 58.0 87.0
182 2.4 2.3 3.5



#58
Fluorene
Concen: 42.750 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:166 Resp: 199294
Ion Ratio Lower Upper
166 100
165 99.9 80.6 120.8
167 14.2 12.0 18.0

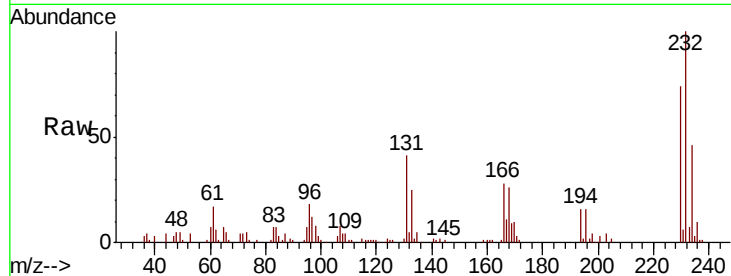




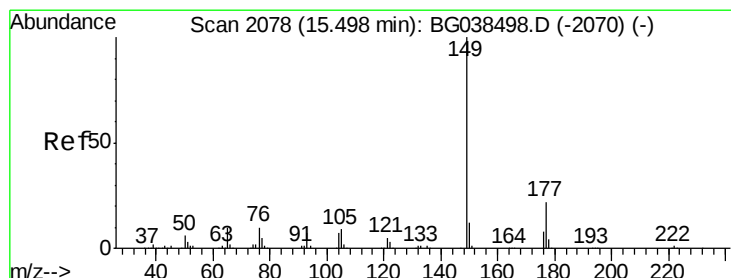
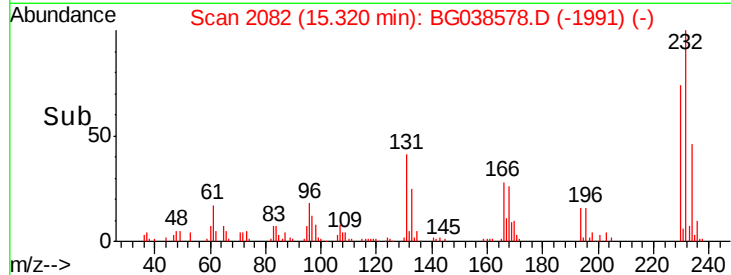
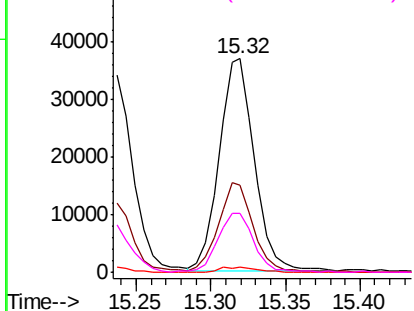
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.704 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion:232 Resp: 60675
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.0 49.4
 130 2.4 2.0 3.0
 166 28.7 23.1 34.7

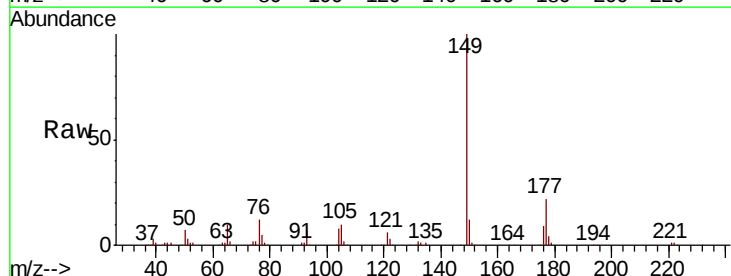


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

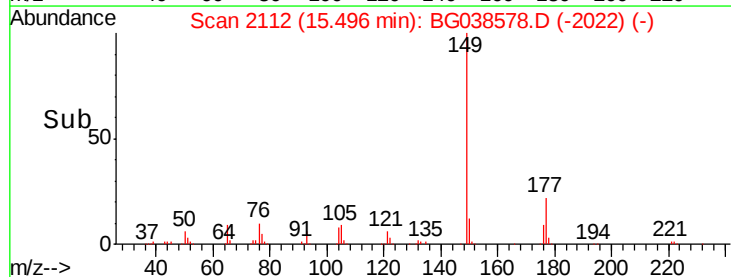
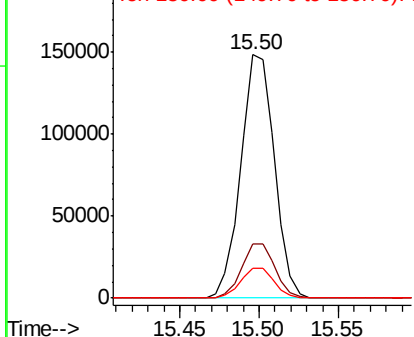


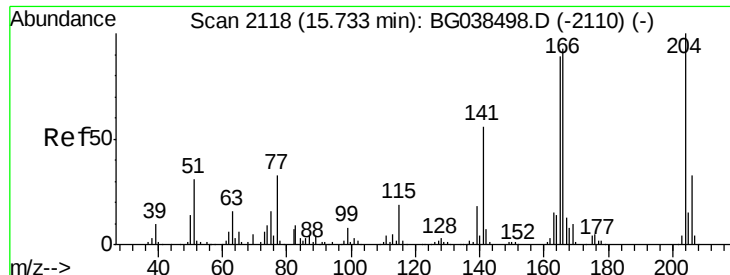
#60
 Diethylphthalate
 Concen: 38.453 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:149 Resp: 218601
 Ion Ratio Lower Upper
 149 100
 177 22.1 17.7 26.5
 150 12.2 9.9 14.9



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

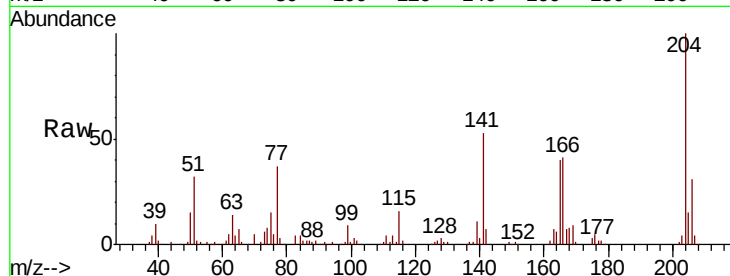




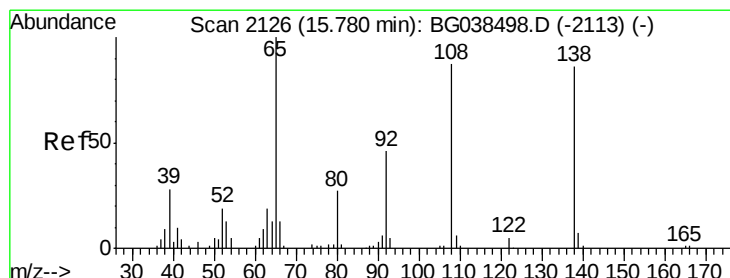
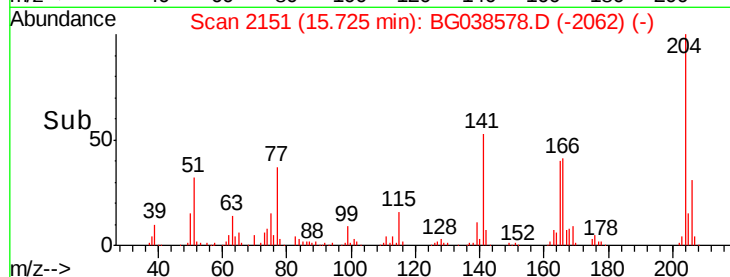
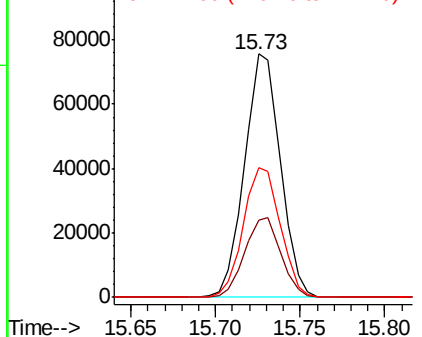
#61
4-Chlorophenyl-phenylether
Concen: 38.461 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tgt Ion:204 Resp: 111873
Ion Ratio Lower Upper
204 100
206 31.5 26.0 39.0
141 53.5 44.4 66.6

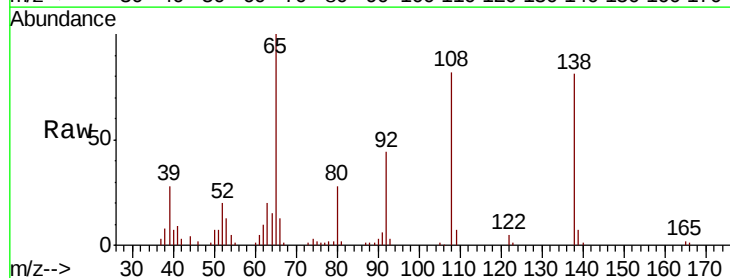


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

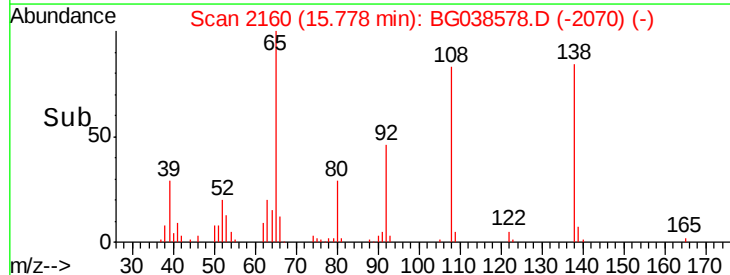
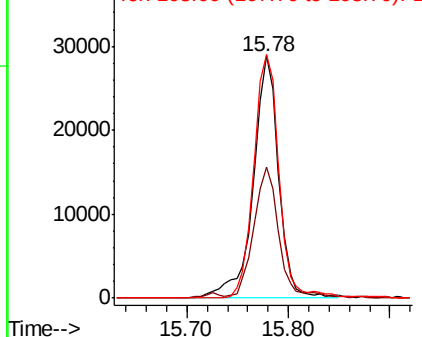


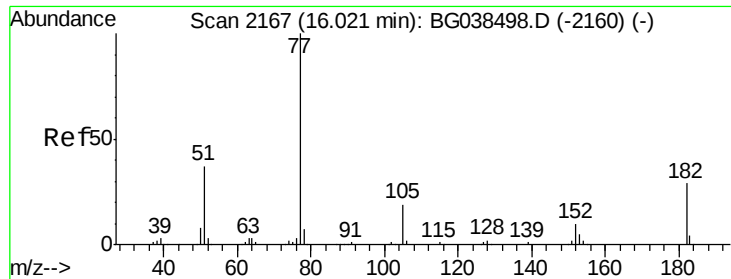
#62
4-Nitroaniline
Concen: 40.729 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:138 Resp: 50162
Ion Ratio Lower Upper
138 100
92 54.1 33.3 73.3
108 100.6 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: 39.885 ng

RT: 16.02 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

Tgt Ion: 77 Resp: 189416

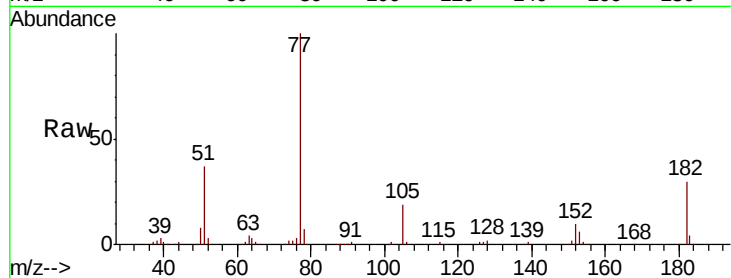
Ion Ratio Lower Upper

77 100

182 29.7 8.7 48.7

105 18.5 0.0 38.7

51 37.4 16.6 56.6

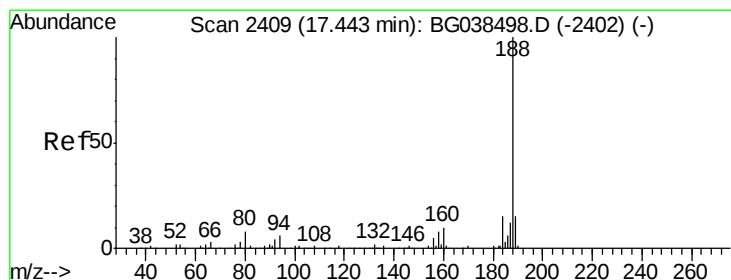
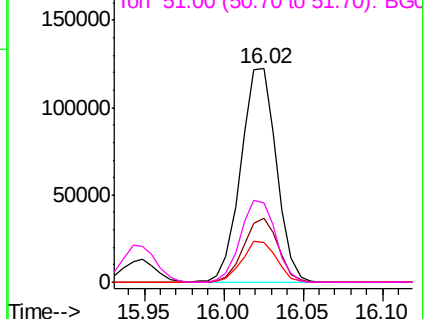
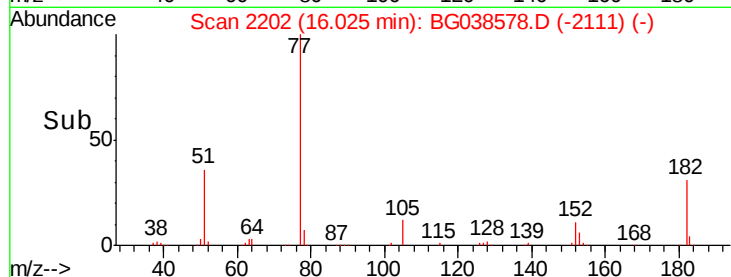


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

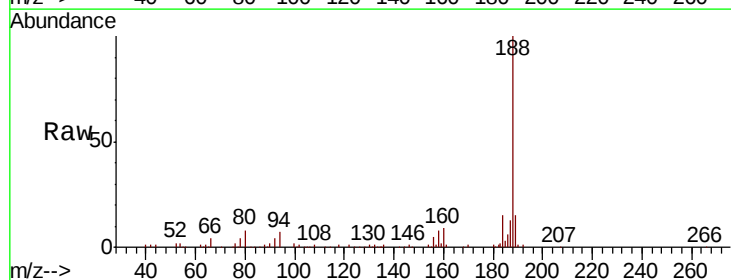
Tgt Ion: 188 Resp: 158927

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

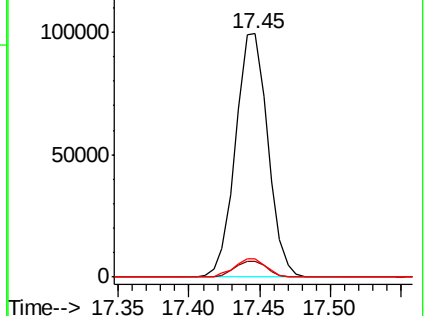
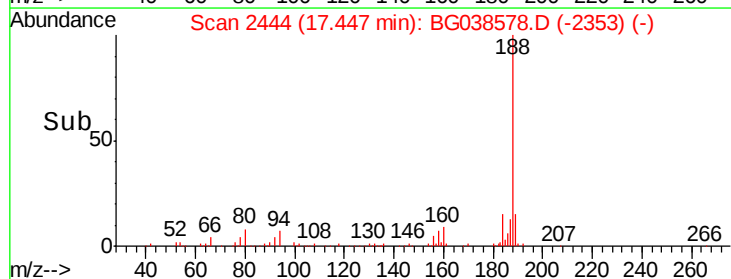
80 7.6 6.1 9.1

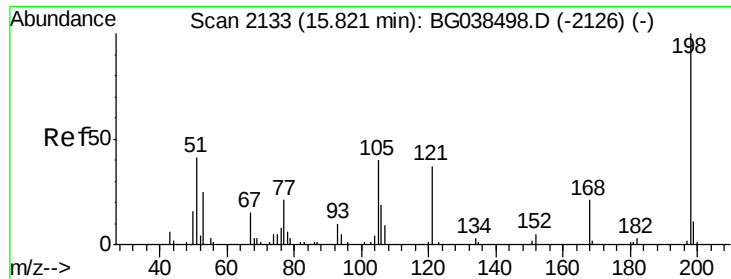


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

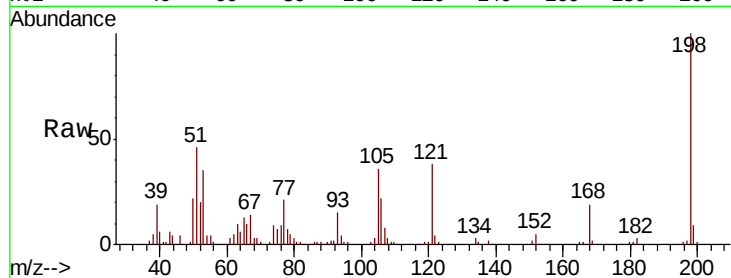




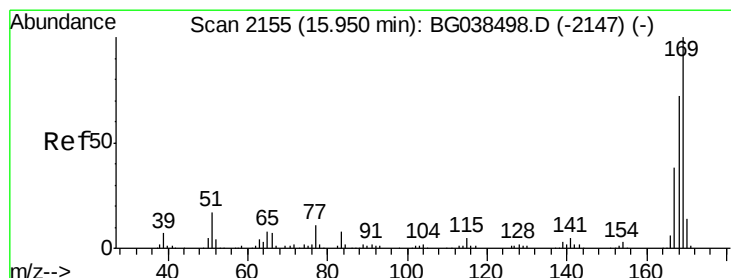
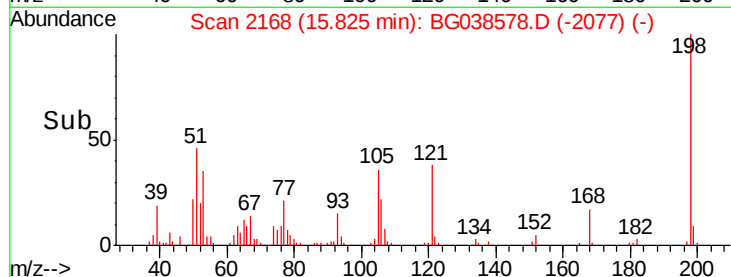
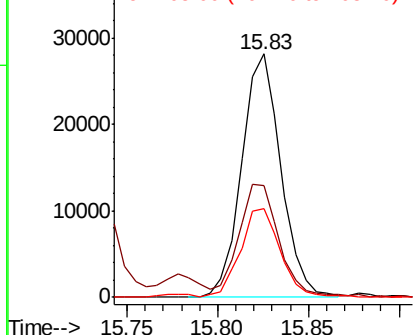
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.344 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion:198 Resp: 42337
 Ion Ratio Lower Upper
 198 100
 51 46.1 28.6 68.6
 105 36.2 20.4 60.4

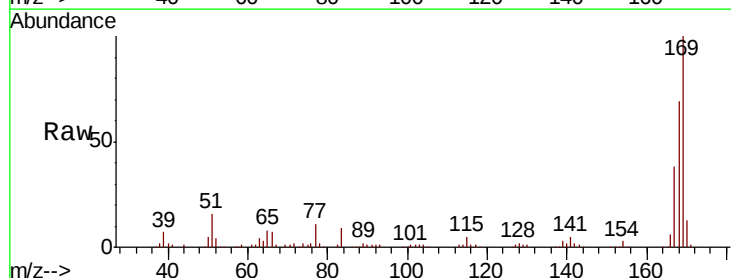


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

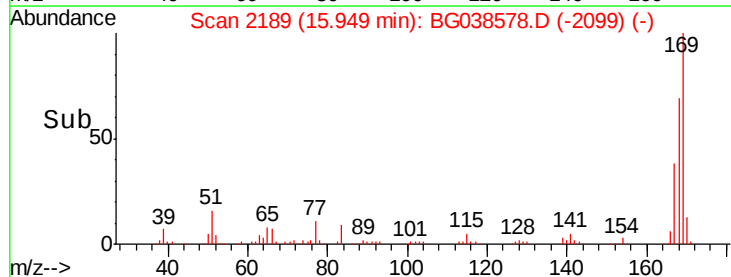
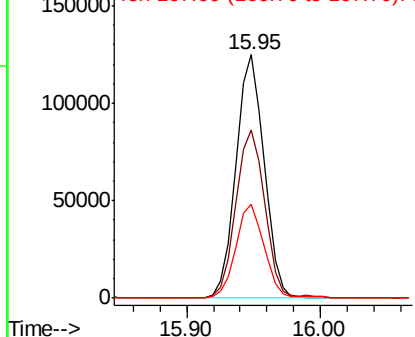


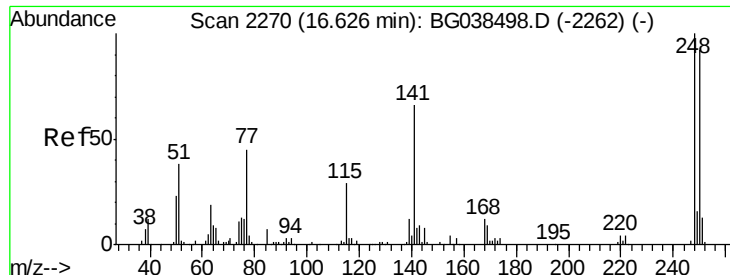
#66
 n-Nitrosodiphenylamine
 Concen: 39.117 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:169 Resp: 182663
 Ion Ratio Lower Upper
 169 100
 168 69.1 57.5 86.3
 167 38.4 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

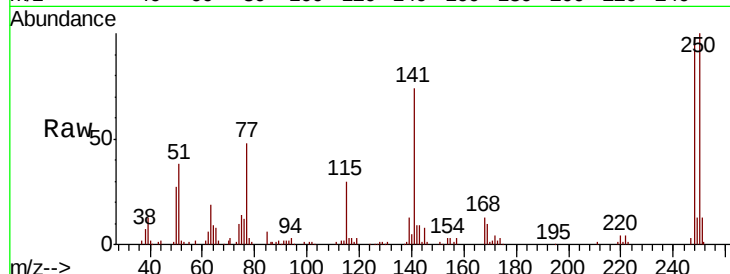




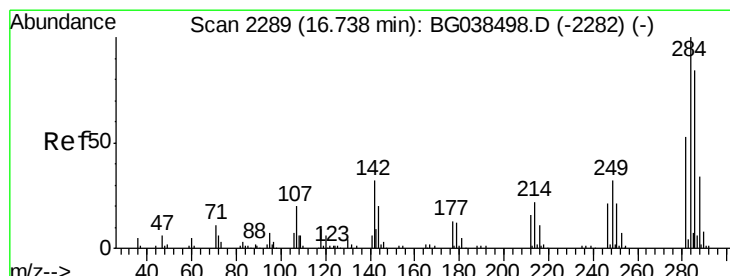
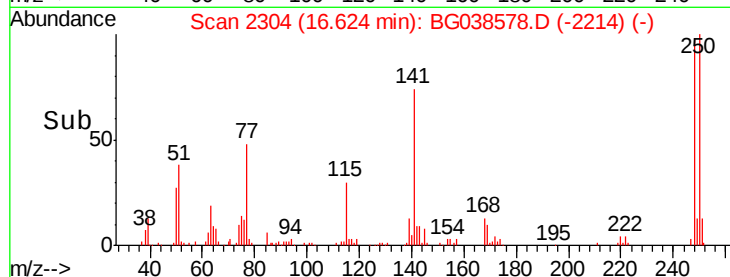
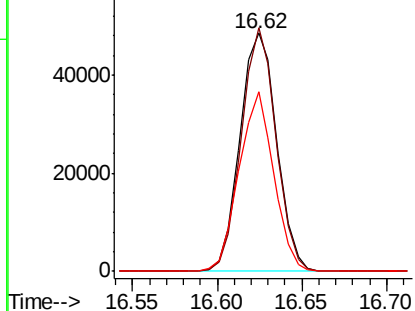
#67
 4-Bromophenyl-phenylether
 Concen: 37.738 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

Tgt Ion:248 Resp: 73247
 Ion Ratio Lower Upper
 248 100
 250 102.1 73.4 110.2
 141 75.4 52.9 79.3

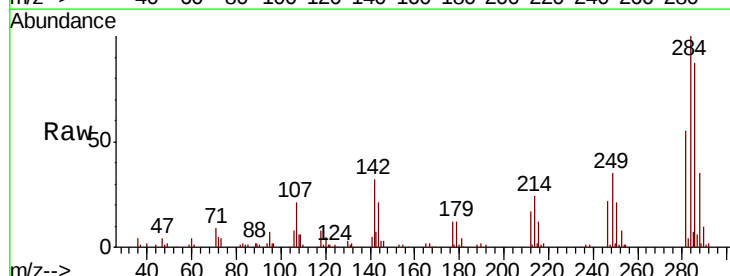


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

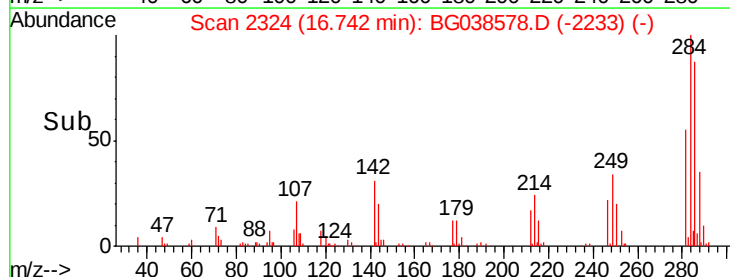
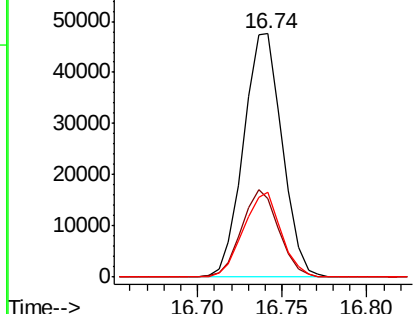


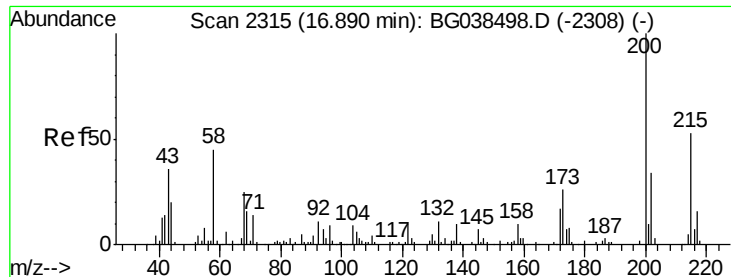
#68
 Hexachlorobenzene
 Concen: 37.550 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion:284 Resp: 75552
 Ion Ratio Lower Upper
 284 100
 142 32.4 25.8 38.6
 249 34.7 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: 44.026 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

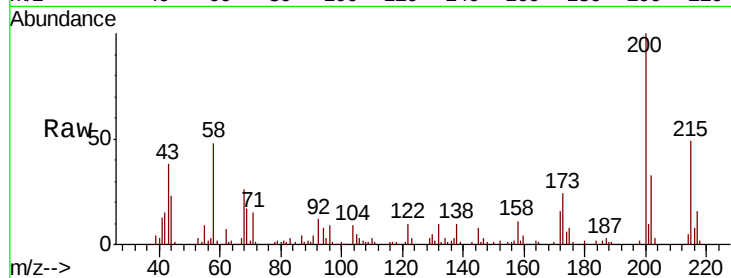
Tgt Ion:200 Resp: 76295

Ion Ratio Lower Upper

200 100

173 23.8 5.9 45.9

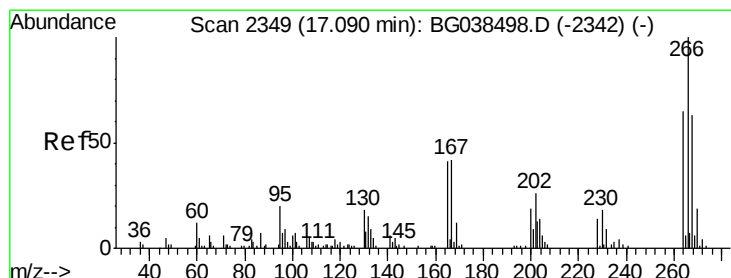
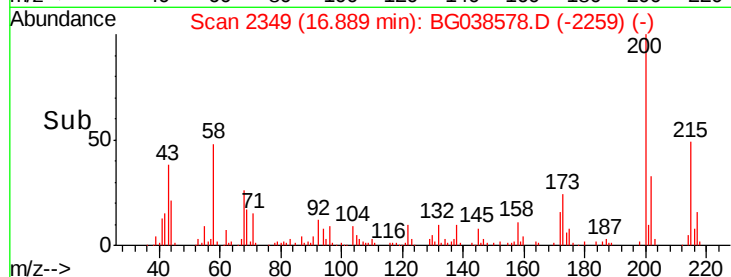
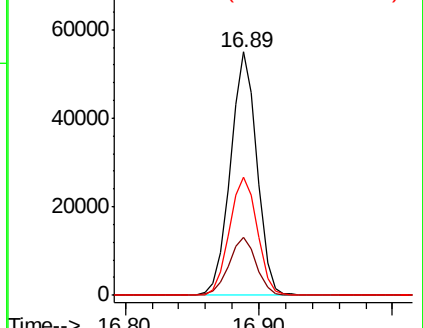
215 48.6 33.1 73.1



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: 74.676 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

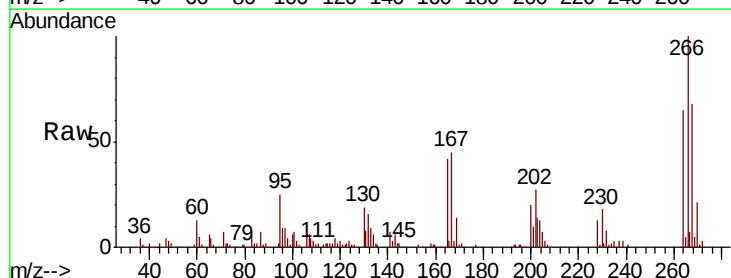
Tgt Ion:266 Resp: 88871

Ion Ratio Lower Upper

266 100

268 72.7 55.0 82.6

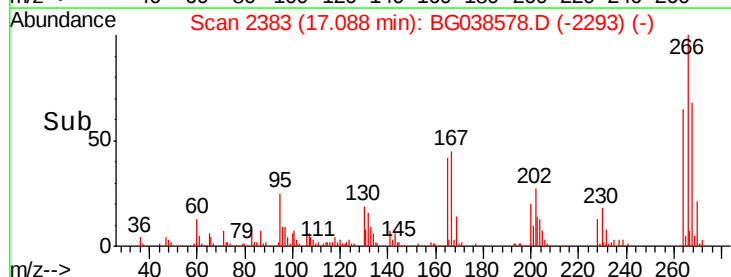
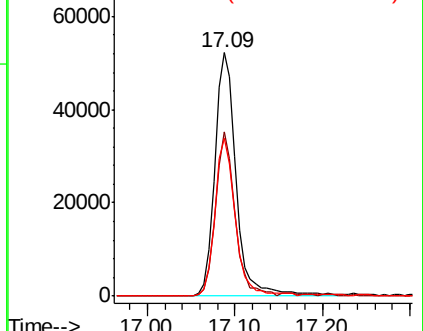
264 65.0 56.7 85.1

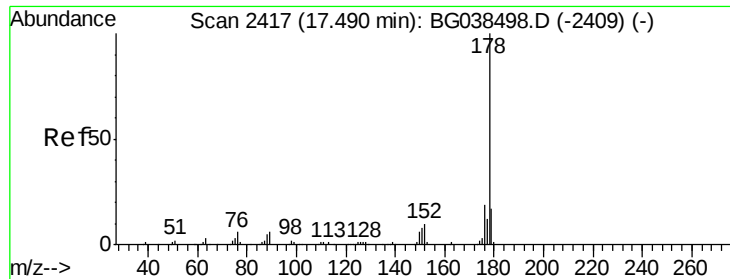


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

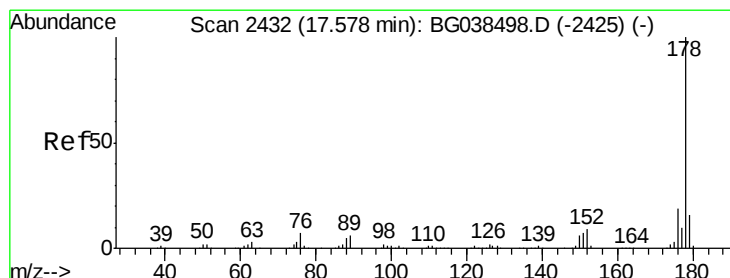
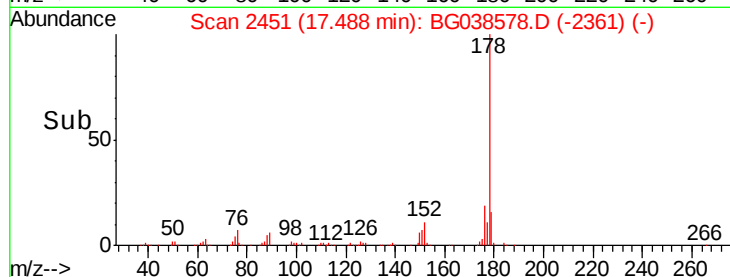
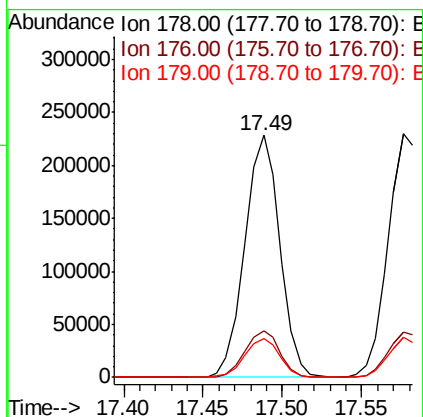
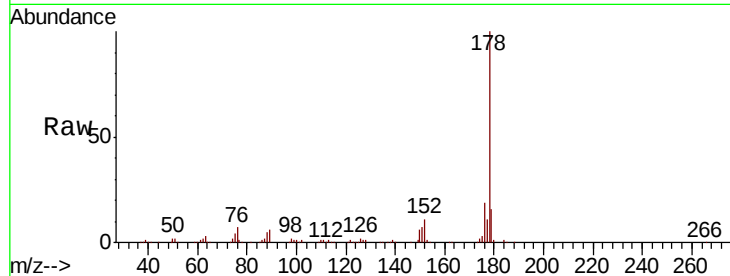




#71
Phenanthrene
Concen: 42.439 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

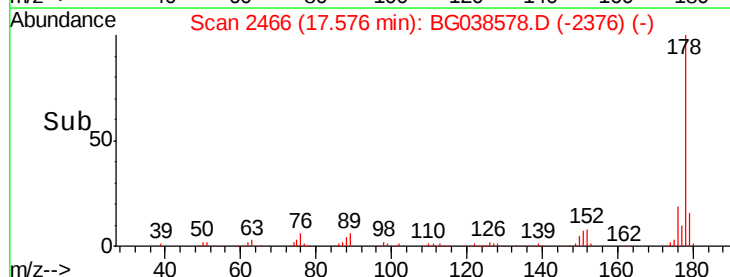
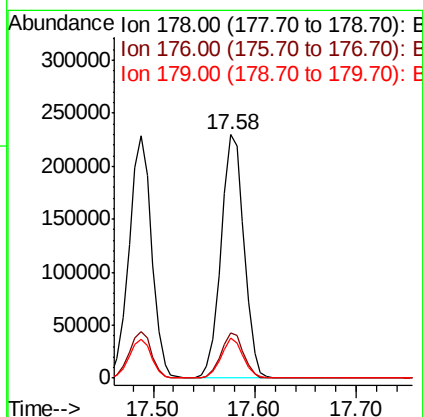
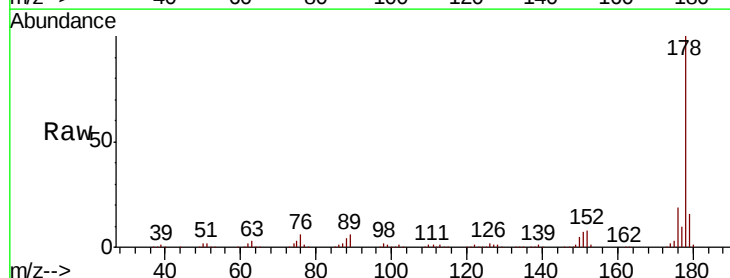
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

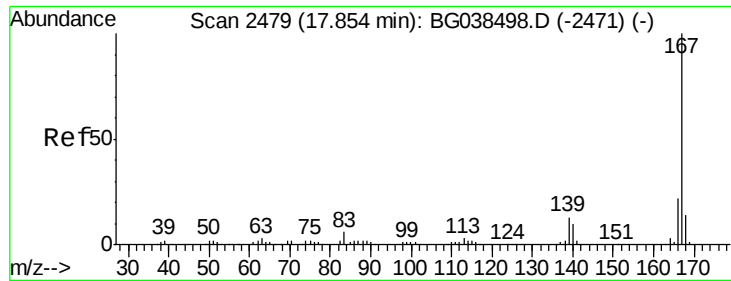
Tgt Ion:178 Resp: 349755
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 13.2 19.8



#72
Anthracene
Concen: 44.386 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:178 Resp: 361128
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 16.4 12.9 19.3





#73

Carbazole

Concen: 40.810 ng

RT: 17.85 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

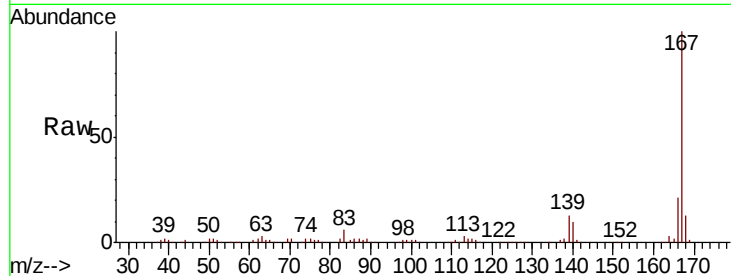
Tgt Ion:167 Resp: 328374

Ion Ratio Lower Upper

167 100

166 21.4 17.9 26.9

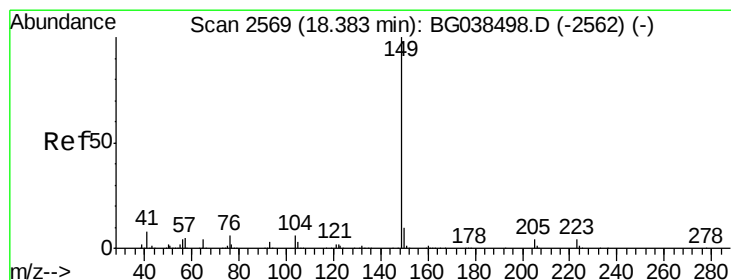
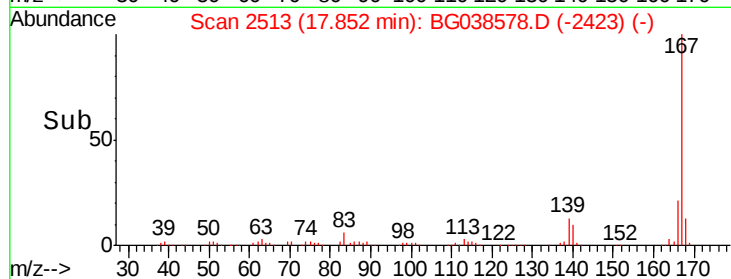
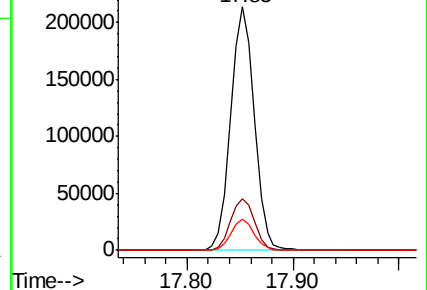
139 13.0 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.251 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

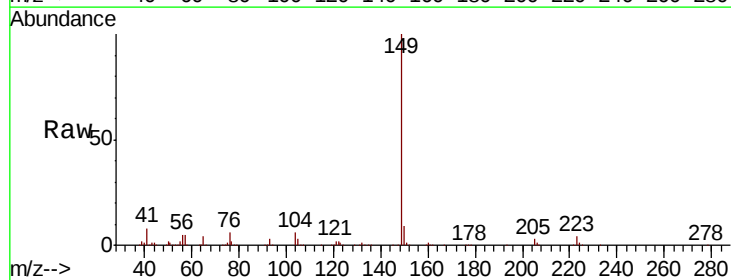
Tgt Ion:149 Resp: 399329

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

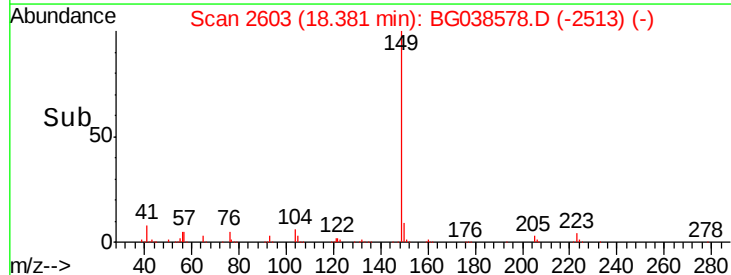
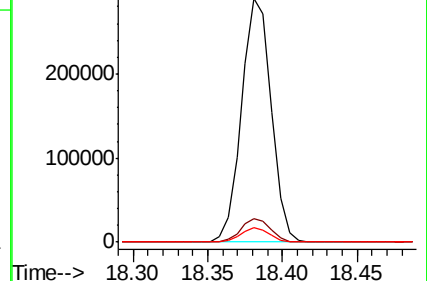
104 6.0 5.0 7.4

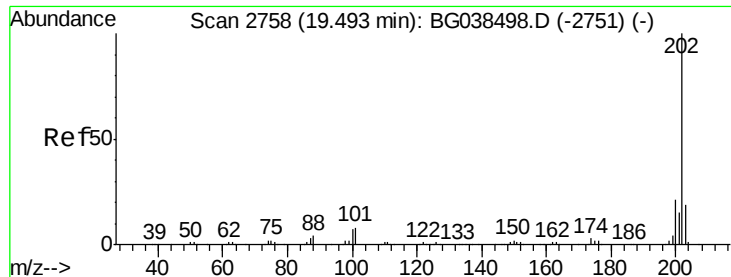


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

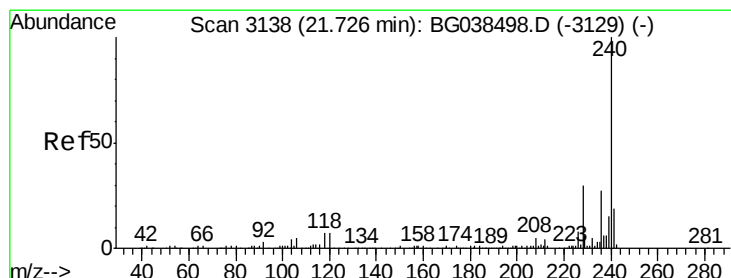
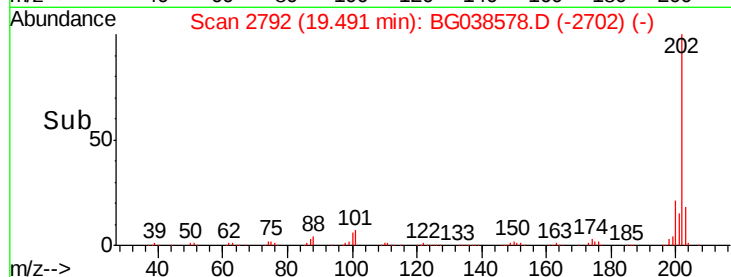
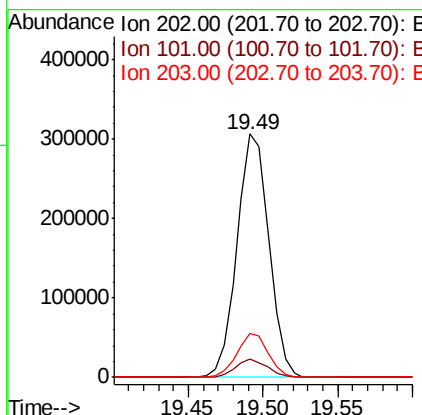
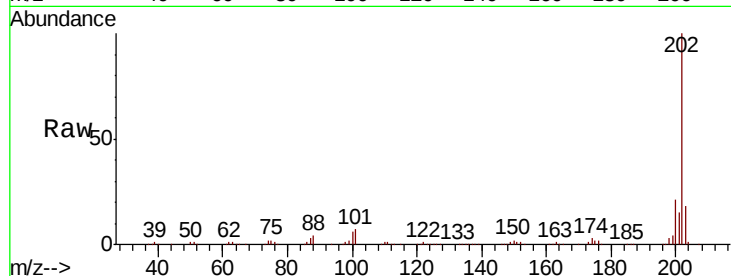




#75
 Fluoranthene
 Concen: 44.510 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

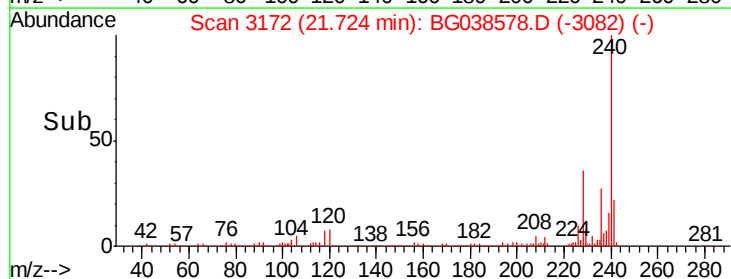
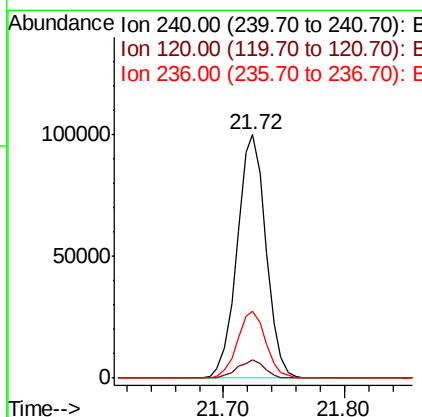
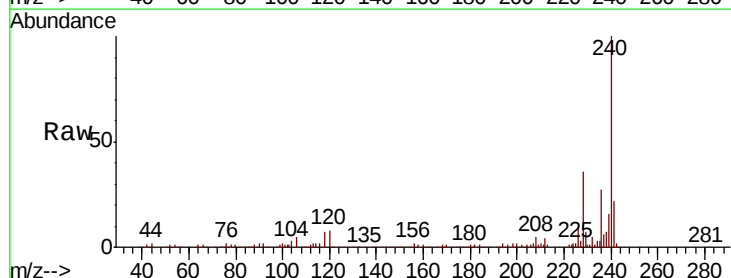
Instrument :
 BNA_G
 ClientSampleId :
 PB115362BSD

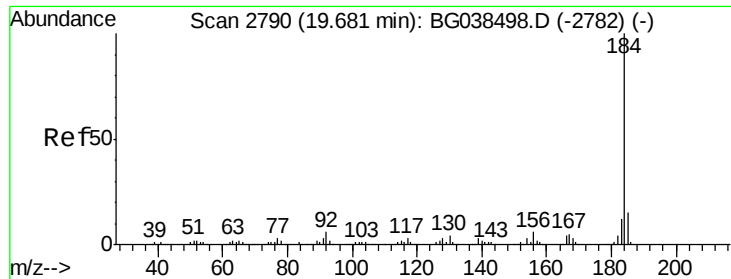
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	453869		
101	7.4	0.0	28.1	
203	18.2	0.0	39.0	



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038578.D
 Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166063		
120	7.5	5.3	7.9	
236	27.5	21.4	32.2	

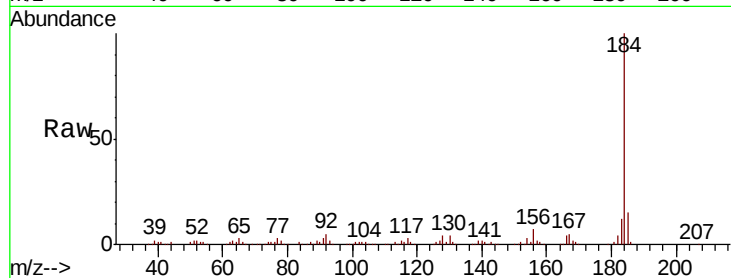




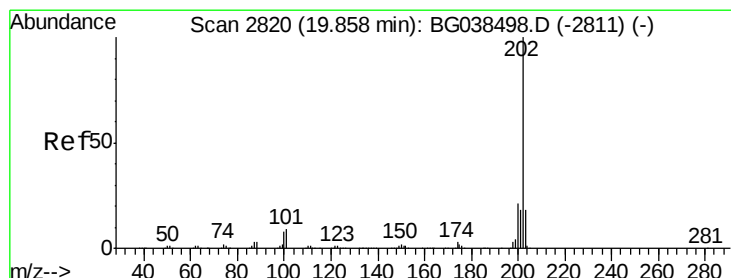
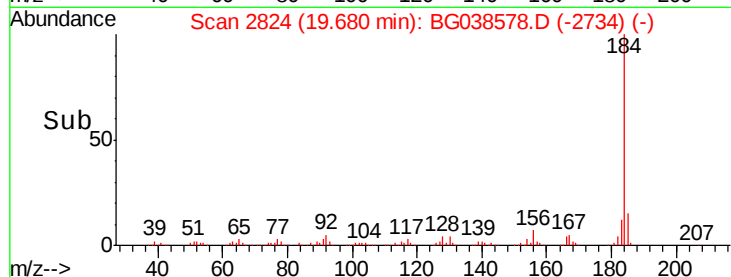
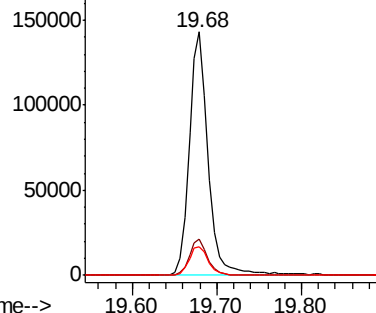
#77
Benzidine
Concen: 45.682 ng
RT: 19.68 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Instrument :
BNA_G
ClientSampleId :
PB115362BSD

Tgt Ion:184 Resp: 224351
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 12.0 9.6 14.4

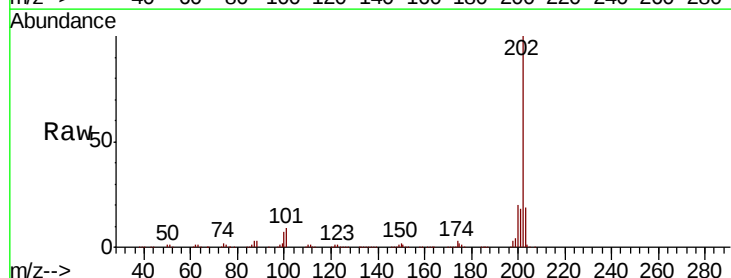


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

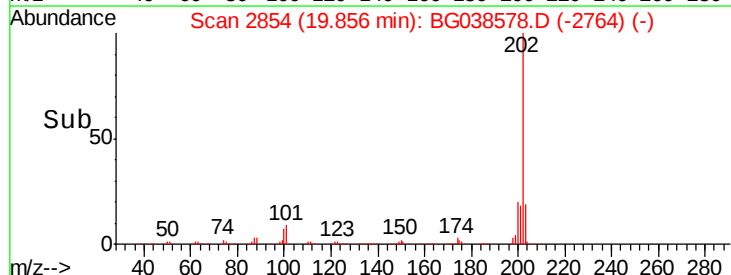
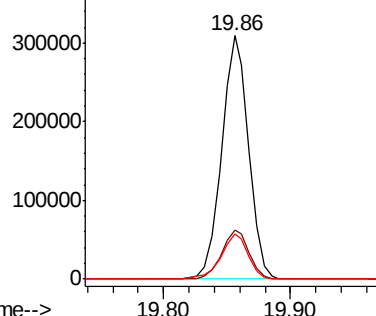


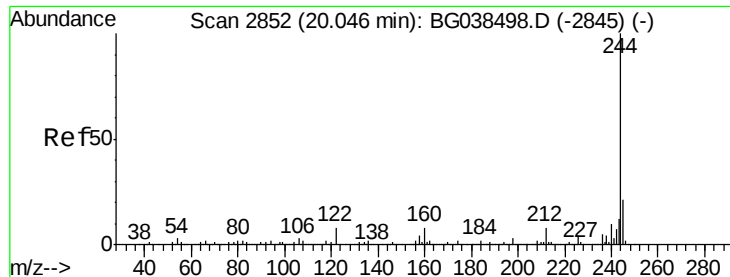
#78
Pyrene
Concen: 41.467 ng
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:202 Resp: 454917
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 18.5 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: 74.418 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

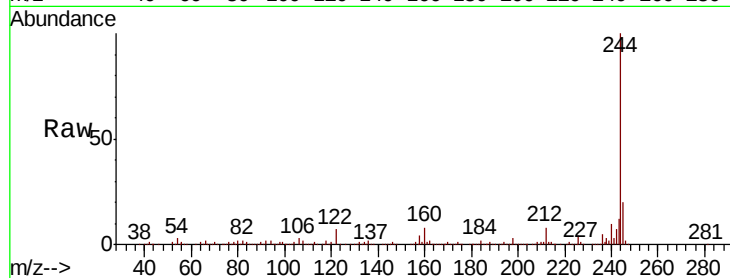
Tgt Ion:244 Resp: 567837

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

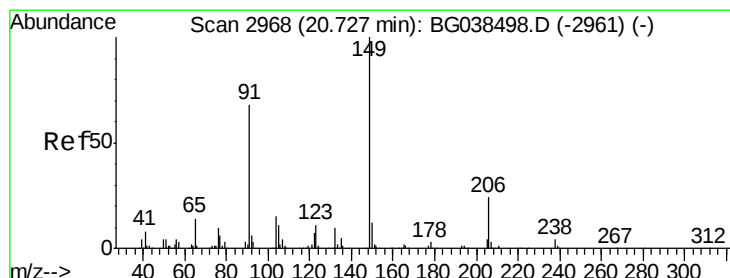
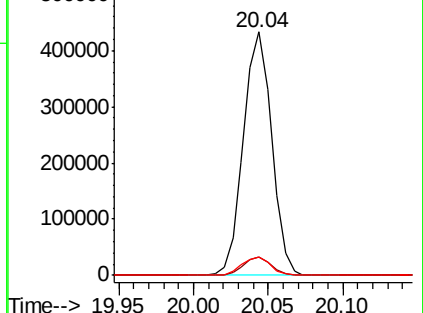
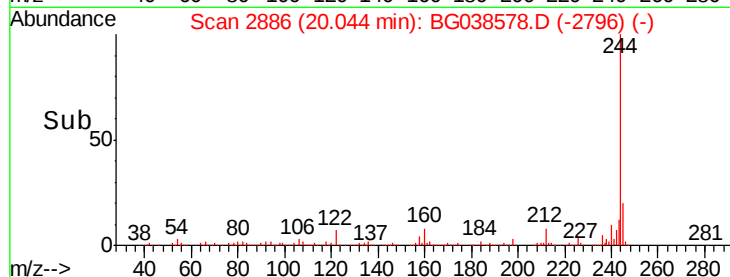
122 7.5 6.3 9.5



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: 42.350 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

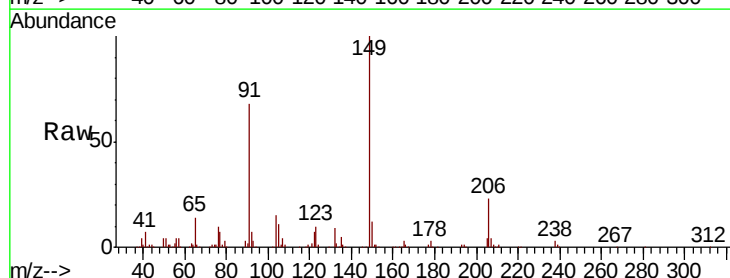
Tgt Ion:149 Resp: 181515

Ion Ratio Lower Upper

149 100

91 67.9 54.5 81.7

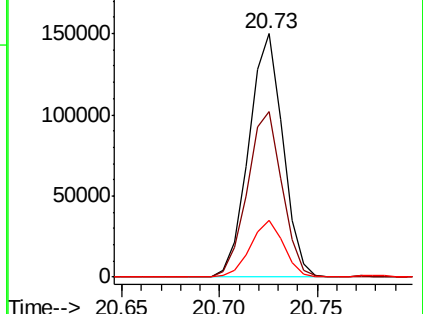
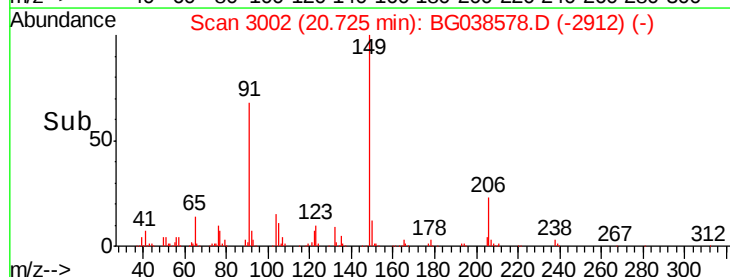
206 23.4 19.0 28.6

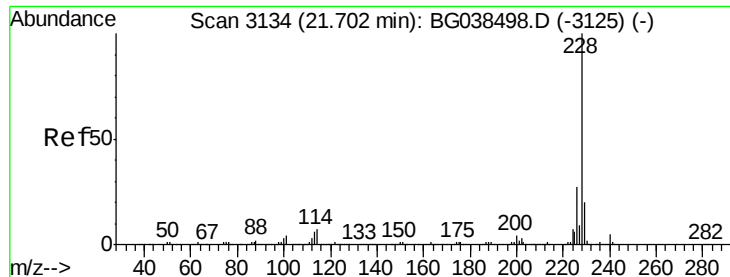


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.652 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

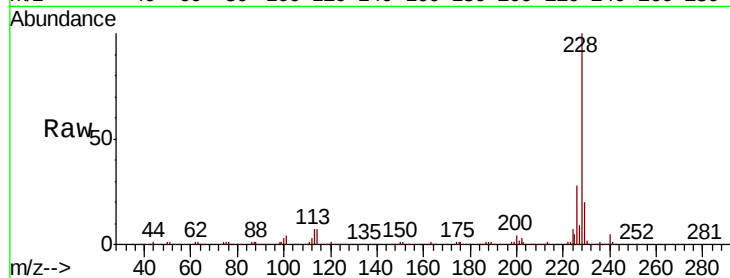
Tgt Ion:228 Resp: 441714

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.8

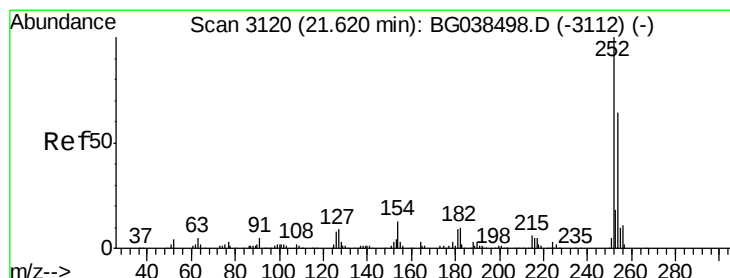
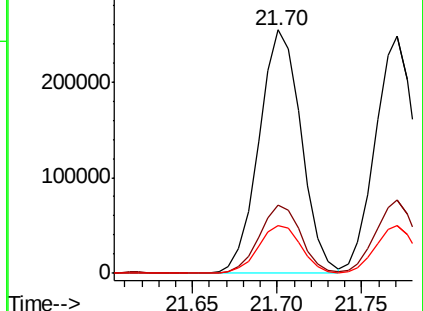
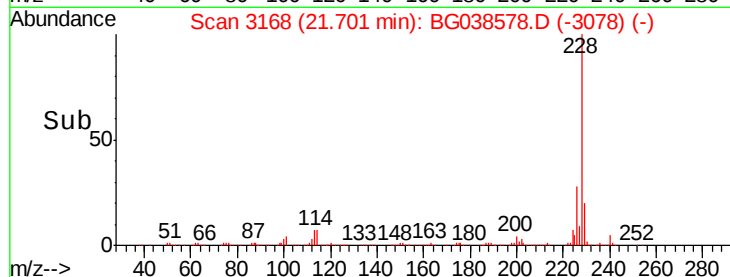
229 19.5 15.8 23.6



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: 28.123 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

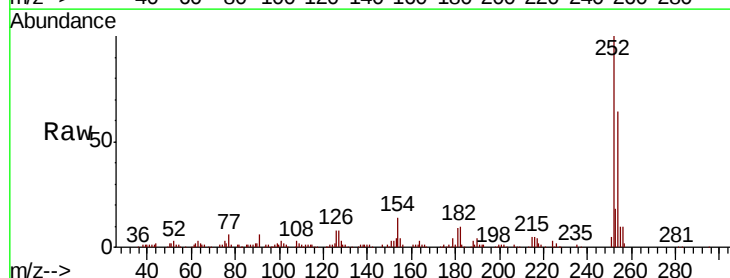
Tgt Ion:252 Resp: 112864

Ion Ratio Lower Upper

252 100

254 64.3 50.9 76.3

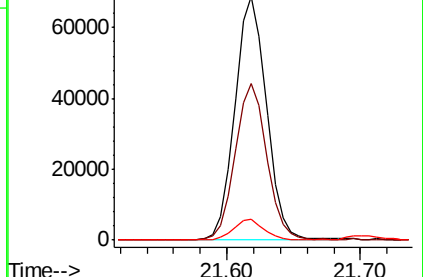
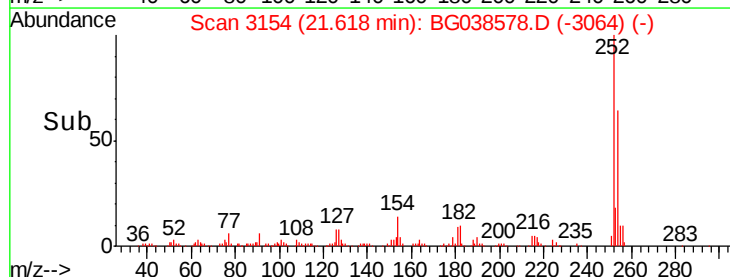
126 8.4 6.3 9.5

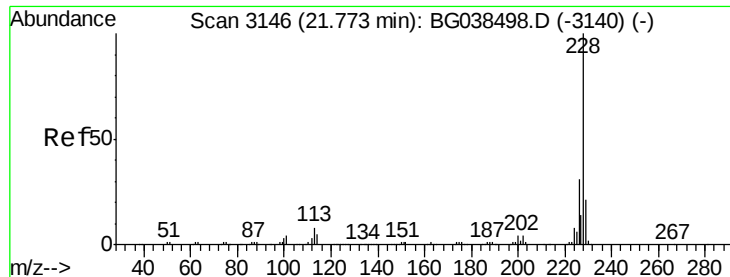


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.894 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

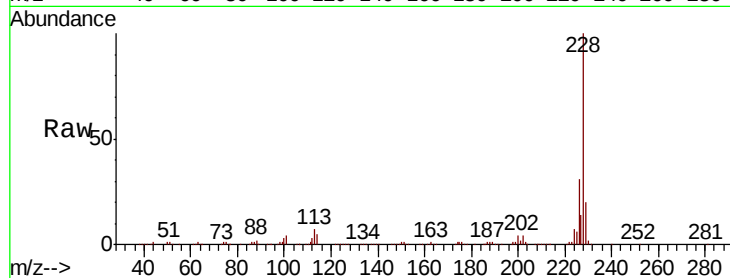
Tgt Ion:228 Resp: 408328

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

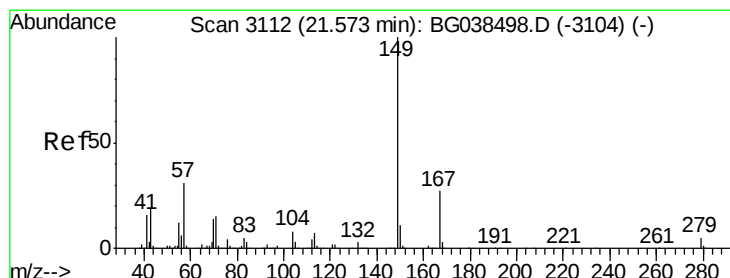
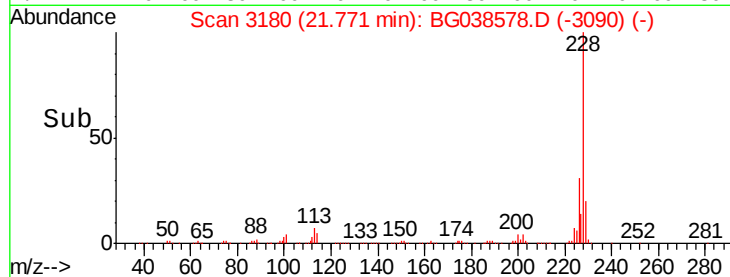
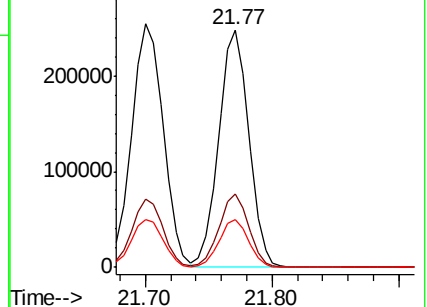
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.771 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

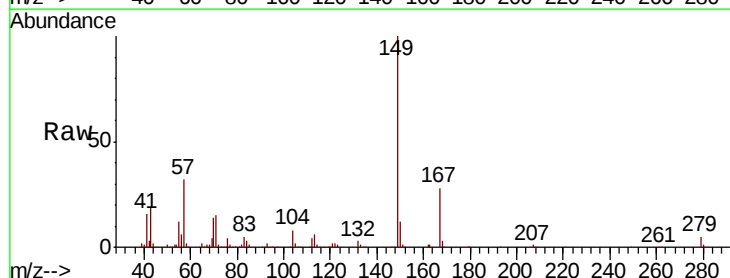
Tgt Ion:149 Resp: 253916

Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

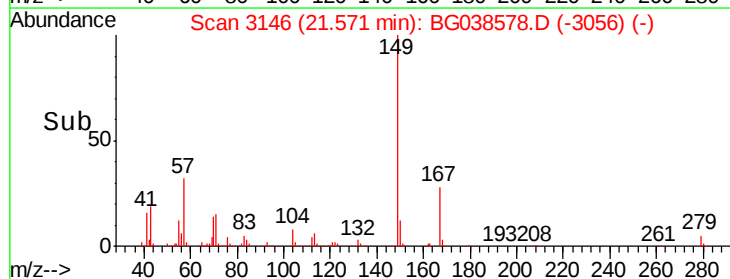
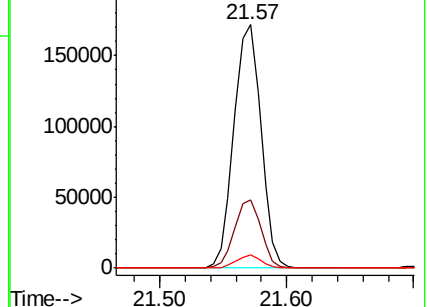
279 5.5 4.2 6.2

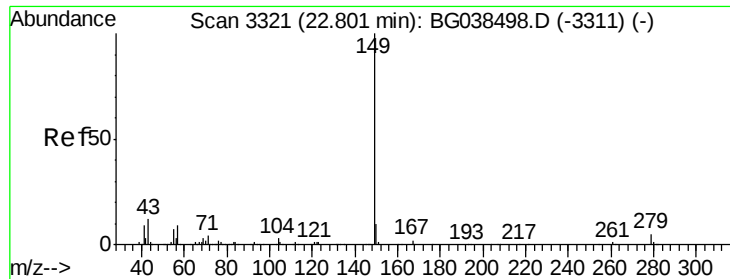


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

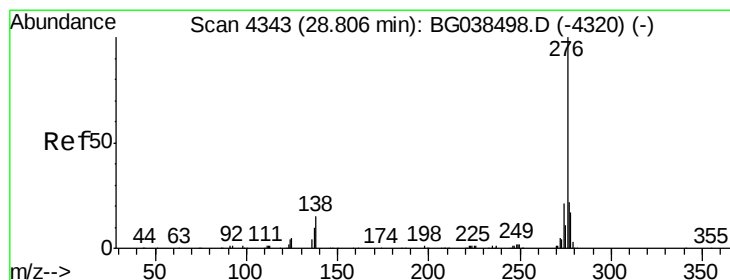
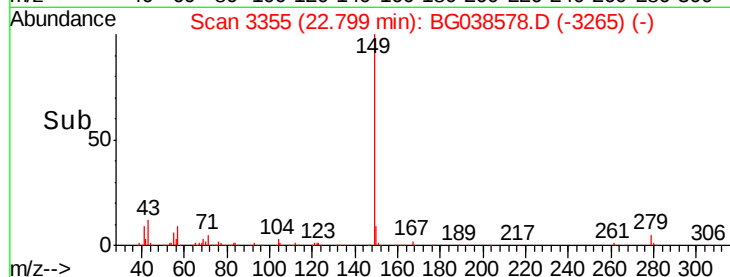
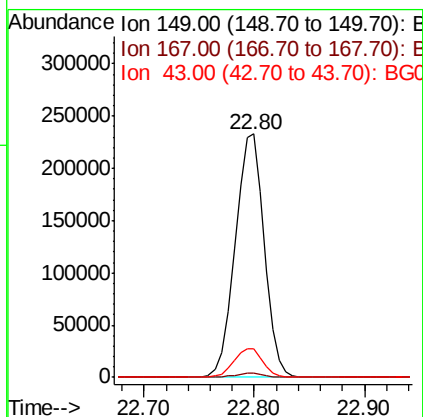
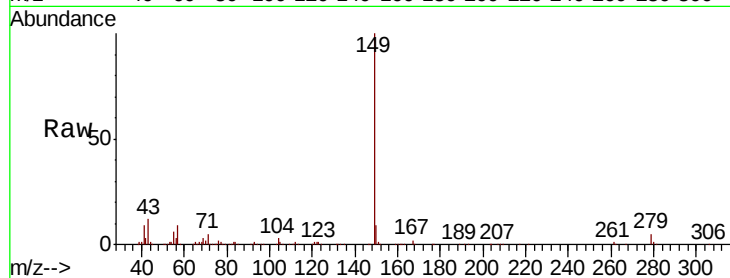




#85
Di-n-octyl phthalate
Concen: 42.207 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

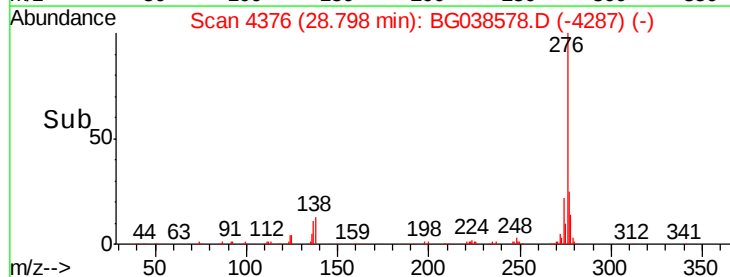
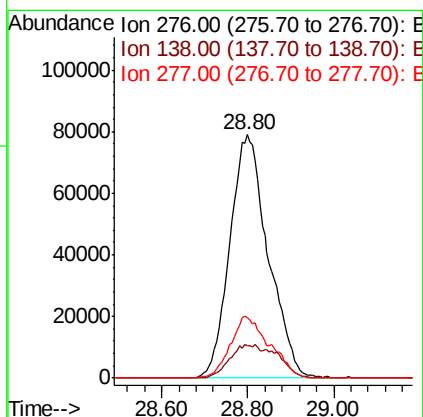
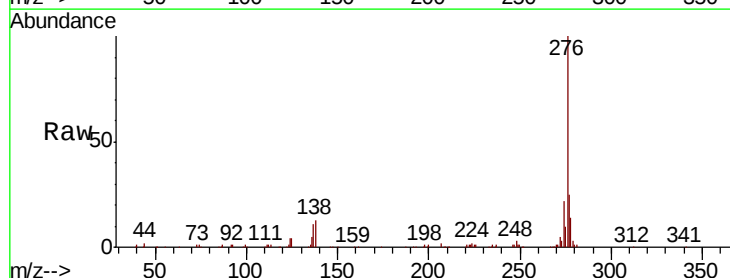
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

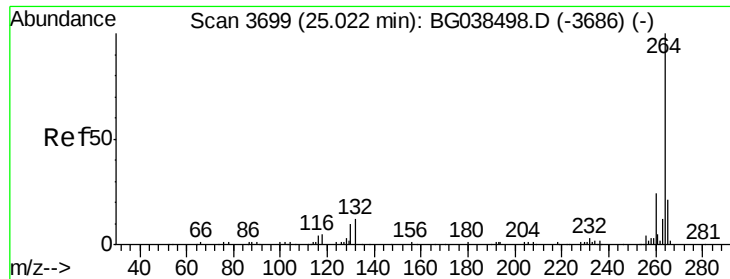
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.8	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.757 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.4	21.6#
277	25.8	0.0	0.0#





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

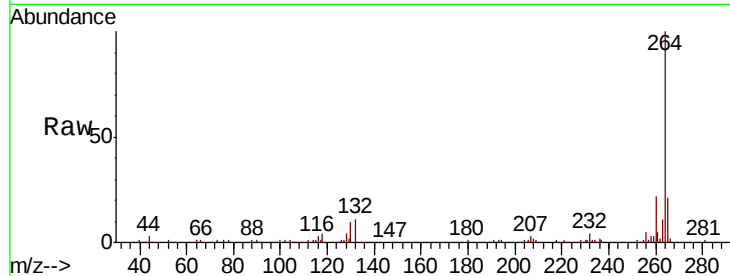
Tgt Ion:264 Resp: 179279

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 20.8 17.0 25.4

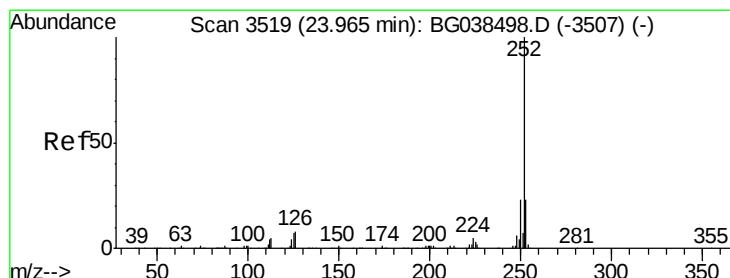
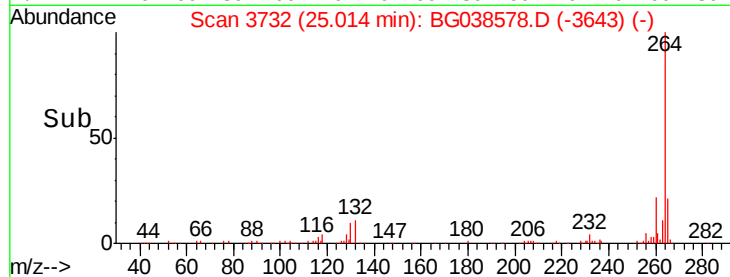
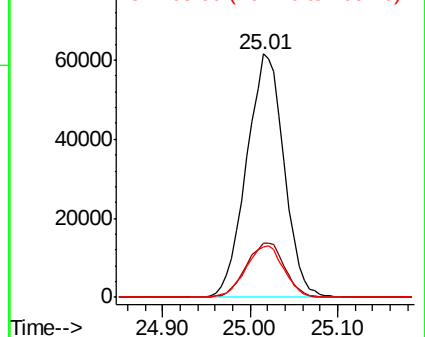


Abundance

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: 44.516 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

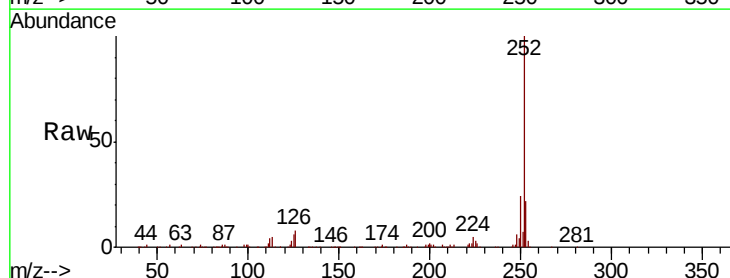
Tgt Ion:252 Resp: 438178

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

125 6.2 5.5 8.3

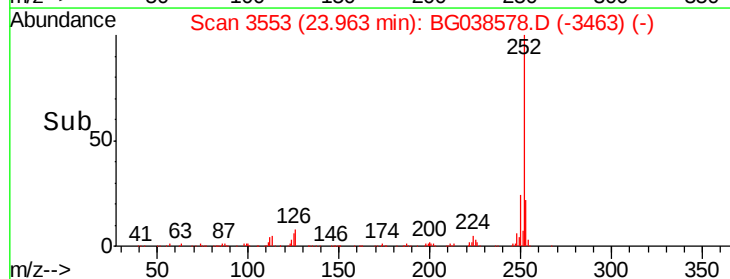
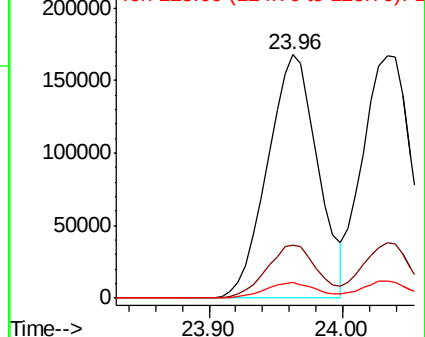


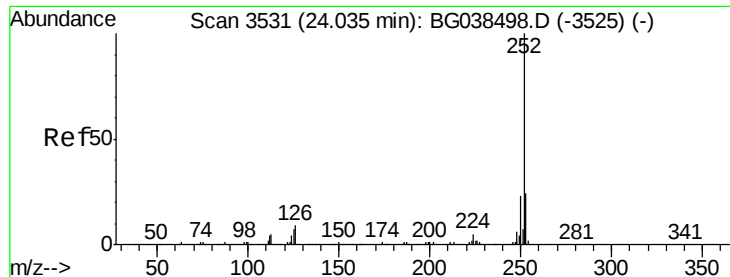
Abundance

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

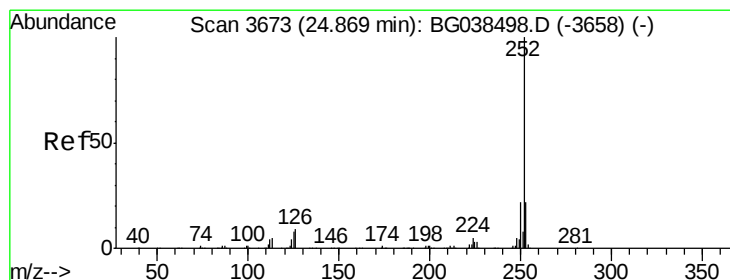
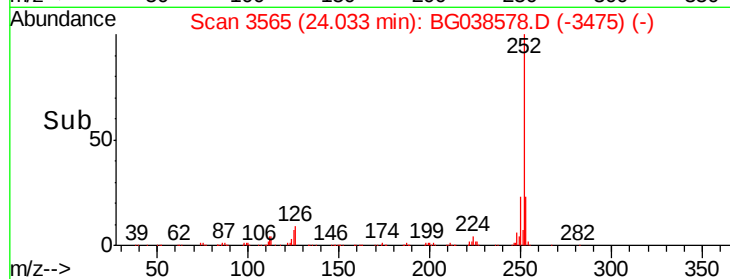
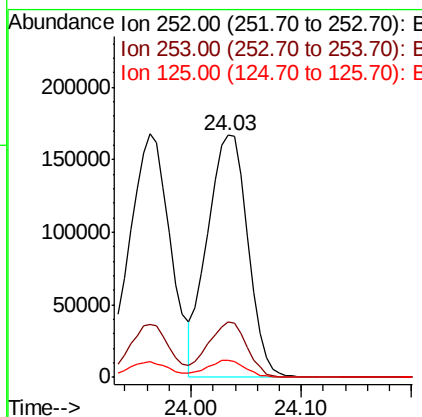
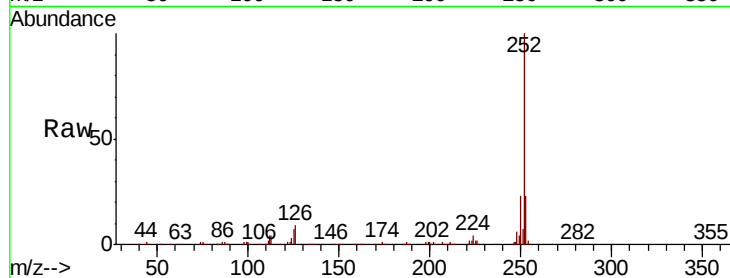




#89
Benzo(k)fluoranthene
Concen: 42.951 ng
RT: 24.03 min Scan# 3565
Delta R.T. -0.00 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

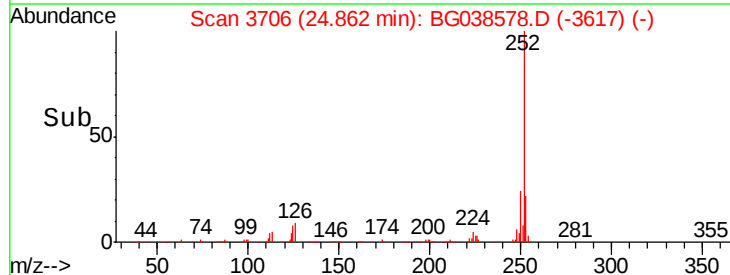
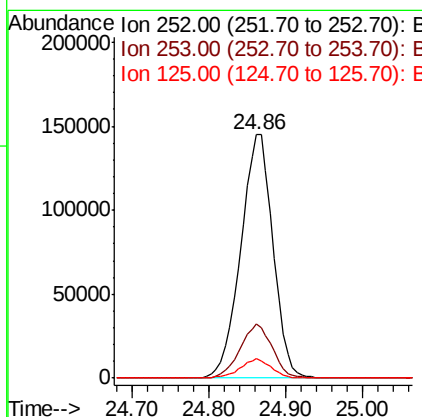
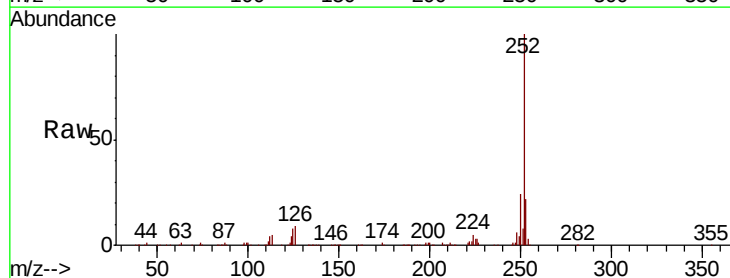
Instrument :
BNA_G
ClientSampleId :
PB115362BSD

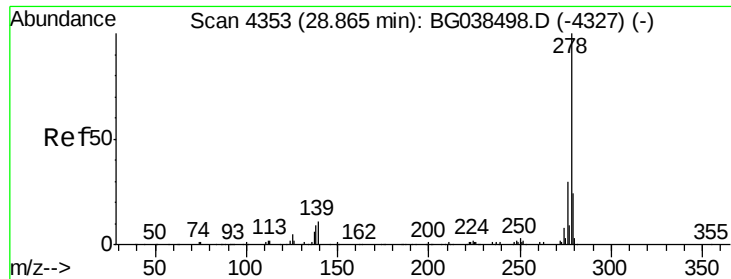
Tgt Ion:252 Resp: 420990
Ion Ratio Lower Upper
252 100
253 22.7 18.9 28.3
125 7.0 5.4 8.2



#90
Benzo(a)pyrene
Concen: 44.756 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038578.D
Acq: 14 Dec 2018 21:45

Tgt Ion:252 Resp: 425008
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.8 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.365 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

Instrument :

BNA_G

ClientSampleId :

PB115362BSD

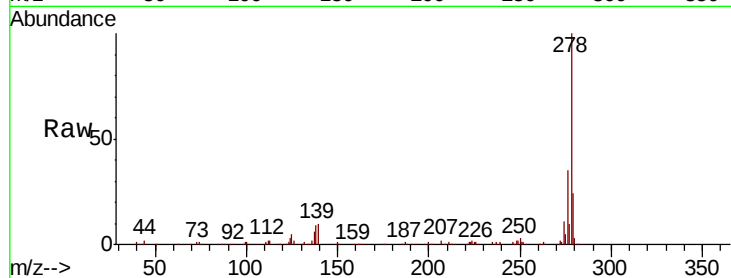
Tgt Ion:278 Resp: 410017

Ion Ratio Lower Upper

278 100

139 10.4 8.6 12.8

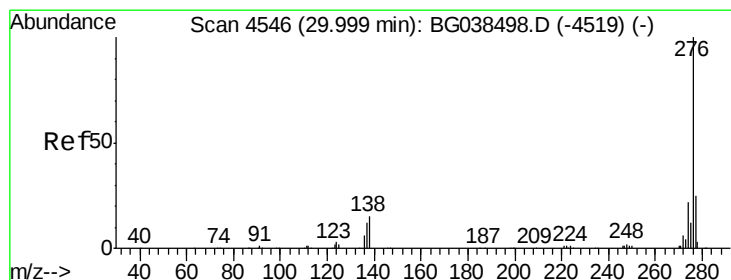
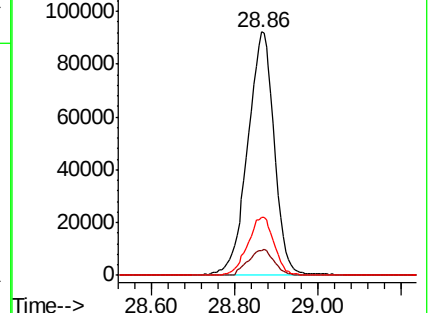
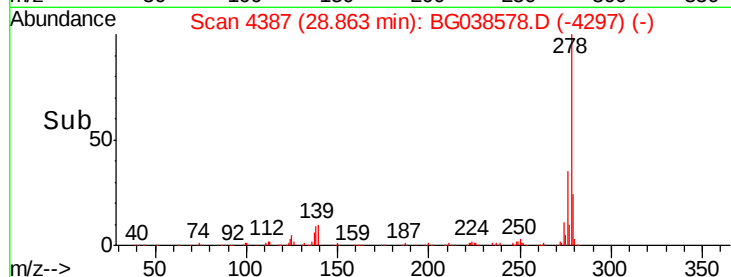
279 23.7 19.0 28.6



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: 43.835 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038578.D

Acq: 14 Dec 2018 21:45

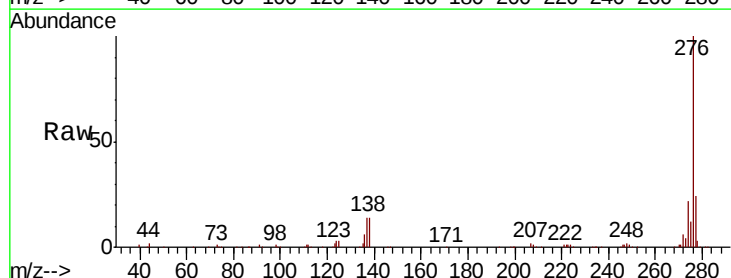
Tgt Ion:276 Resp: 408453

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 14.3 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

