

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
 Data File : BG038898.D
 Acq On : 2 Jan 2019 18:56
 Operator : JU/SJ
 Sample : PB116088BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Quant Time: Jan 03 00:17:48 2019
 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	8.04	152	23349	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	97093	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	72222	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	194035	20.00	ng	0.00
76) Chrysene-d12	21.71	240	193268	20.00	ng	-0.01
87) Perylene-d12	25.01	264	190388	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	165985	126.09	ng	0.00
7) Phenol-d6	7.21	99	225985	125.05	ng	0.00
23) Nitrobenzene-d5	9.22	82	115392	60.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	144579	145.25	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	321552	61.08	ng	-0.01
79) Terphenyl-d14	20.03	244	704583	79.34	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	31475	51.372	ng	95
3) Pyridine	3.88	79	53435	31.677	ng	98
4) n-Nitrosodimethylamine	3.81	42	30817	37.285	ng	97
6) Aniline	7.37	93	70546	30.579	ng	94
8) 2-Chlorophenol	7.61	128	70309	46.152	ng	99
9) Benzaldehyde	7.18	77	15265	13.021	ng	97
10) Phenol	7.24	94	88366	46.024	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	55503	36.309	ng	93
12) 1,3-Dichlorobenzene	7.93	146	71754	39.835	ng	97
13) 1,4-Dichlorobenzene	8.08	146	73090	39.620	ng	95
14) 1,2-Dichlorobenzene	8.40	146	70920	40.778	ng	97
15) Benzyl Alcohol	8.29	79	62313	44.175	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	114236	32.623	ng	97
17) 2-Methylphenol	8.50	107	60451	46.994	ng	97
18) Hexachloroethane	9.12	117	25796	38.267	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	48328	38.075	ng	95
20) 3+4-Methylphenols	8.82	107	83915	47.235	ng	96
22) Acetophenone	8.88	105	98945	40.799	ng	96
24) Nitrobenzene	9.26	77	75571	39.306	ng	99
25) Isophorone	9.78	82	141670	41.488	ng	99
26) 2-Nitrophenol	9.98	139	41450	42.122	ng	95
27) 2,4-Dimethylphenol	10.03	122	70032	49.658	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	80073	41.552	ng	96
29) 2,4-Dichlorophenol	10.51	162	81415	51.892	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	81941	43.238	ng	97
31) Naphthalene	10.92	128	213889	44.711	ng	97
32) Benzoic acid	10.13	122	6973	16.300	ng	98
33) 4-Chloroaniline	11.03	127	65325	31.453	ng	96
34) Hexachlorobutadiene	11.17	225	52701	41.098	ng	95
35) Caprolactam	11.82	113	29805	45.904	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	86200	48.145	ng	93
37) 2-Methylnaphthalene	12.51	142	165575	48.515	ng	97
38) 1-Methylnaphthalene	12.74	142	161350	48.720	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	105674	39.144	ng	98

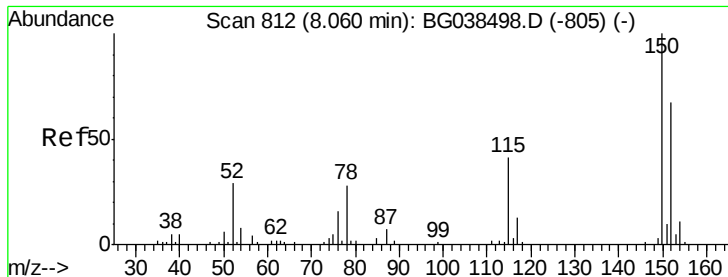
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	117306	79.092	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	79842	48.100	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	86809	49.395	ng	98
46) 1,1'-Biphenyl	13.52	154	224694	37.112	ng	98
47) 2-Chloronaphthalene	13.57	162	181214	38.747	ng	99
48) 2-Nitroaniline	13.78	65	58924	39.555	ng	# 85
49) Acenaphthylene	14.41	152	304192	43.508	ng	98
50) Dimethylphthalate	14.14	163	252842	42.870	ng	99
51) 2,6-Dinitrotoluene	14.27	165	57207	42.802	ng	89
52) Acenaphthene	14.75	154	174186	41.664	ng	98
53) 3-Nitroaniline	14.61	138	45490	33.388	ng	91
54) 2,4-Dinitrophenol	14.81	184	42056	54.640	ng	95
55) Dibenzofuran	15.09	168	303637	42.369	ng	97
56) 4-Nitrophenol	14.92	139	87559	84.713	ng	96
57) 2,4-Dinitrotoluene	15.06	165	84428	44.849	ng	89
58) Fluorene	15.73	166	248952	46.888	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	84010	53.132	ng	96
60) Diethylphthalate	15.49	149	266108	41.100	ng	98
61) 4-Chlorophenyl-phenylether	15.72	204	139956	42.247	ng	98
62) 4-Nitroaniline	15.77	138	62840	44.800	ng	94
63) Azobenzene	16.01	77	213541	39.480	ng	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	47503	34.319	ng	89
66) n-Nitrosodiphenylamine	15.94	169	232242	40.736	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	98446	41.543	ng	95
68) Hexachlorobenzene	16.73	284	105467	42.934	ng	97
69) Atrazine	16.88	200	96548	45.632	ng	98
70) Pentachlorophenol	17.08	266	92900	63.938	ng	98
71) Phenanthrene	17.48	178	441116	43.840	ng	99
72) Anthracene	17.57	178	455394	45.845	ng	99
73) Carbazole	17.84	167	398949	40.610	ng	100
74) Di-n-butylphthalate	18.37	149	466998	41.429	ng	99
75) Fluoranthene	19.49	202	546158	43.870	ng	96
77) Benzidine	19.67	184	238211	41.676	ng	98
78) Pyrene	19.85	202	542065	42.455	ng	99
80) Butylbenzylphthalate	20.72	149	200793	40.253	ng	94
81) Benzo(a)anthracene	21.70	228	516882	43.890	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	134411	28.777	ng	98
83) Chrysene	21.76	228	480752	42.382	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	283613	40.088	ng	98
85) Di-n-octyl phthalate	22.78	149	475165	40.104	ng	97
86) Indeno(1,2,3-cd)pyrene	28.78	276	577297	43.289	ng	# 93
88) Benzo(b)fluoranthene	23.95	252	514181	49.189	ng	99
89) Benzo(k)fluoranthene	24.02	252	483696	46.469	ng	99
90) Benzo(a)pyrene	24.85	252	491452	48.733	ng	# 97
91) Dibenzo(a,h)anthracene	28.84	278	483106	48.114	ng	98
92) Benzo(g,h,i)perylene	29.98	276	484543	48.967	ng	97

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

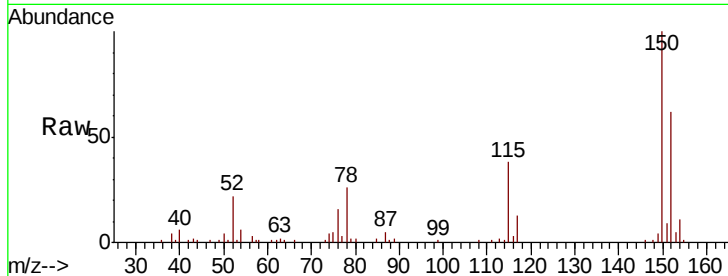


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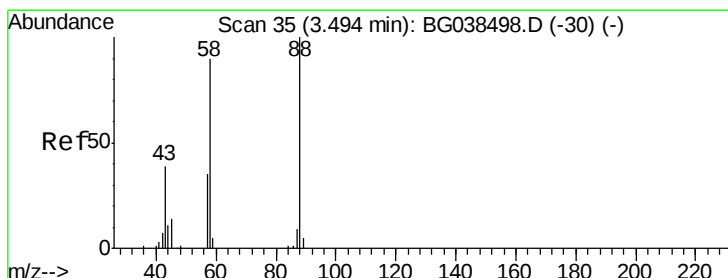
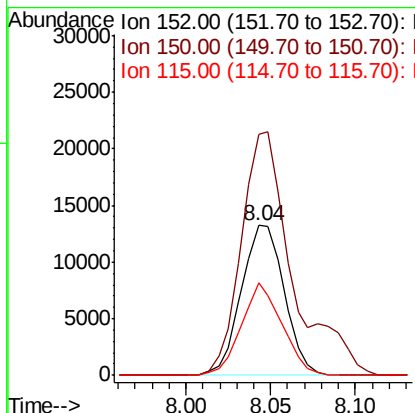
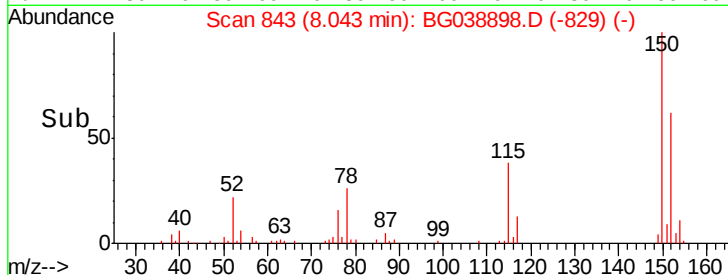
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:152 Resp: 23349
Ion Ratio Lower Upper
152 100
150 161.2 119.5 179.3
115 62.0 49.6 74.4



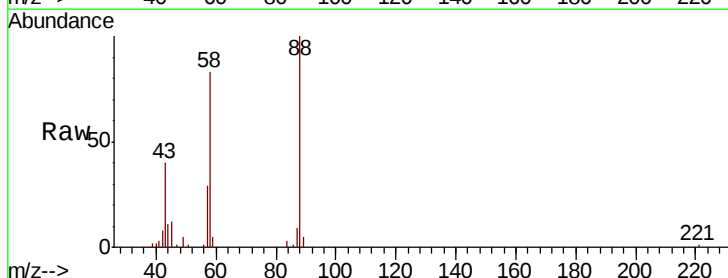
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



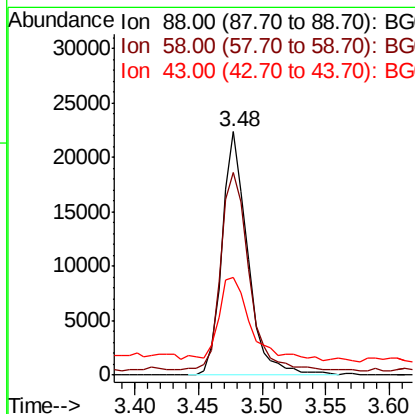
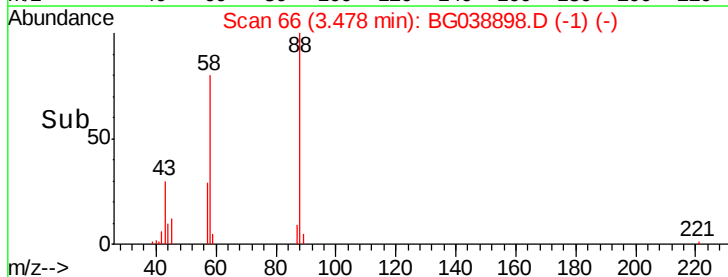
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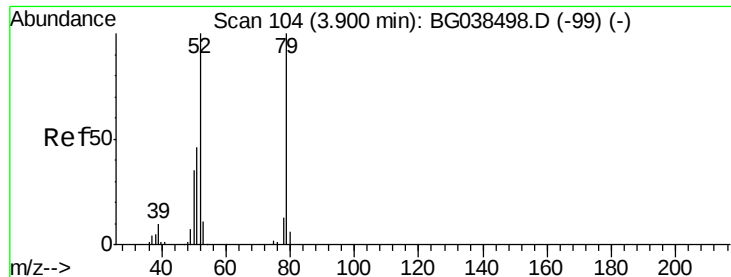
1,4-Dioxane
Concen: 51.372 ng
RT: 3.48 min Scan# 66
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 88 Resp: 31475
Ion Ratio Lower Upper
88 100
58 88.3 75.7 113.5
43 40.5 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

Pvridine

Concen: 31.677 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

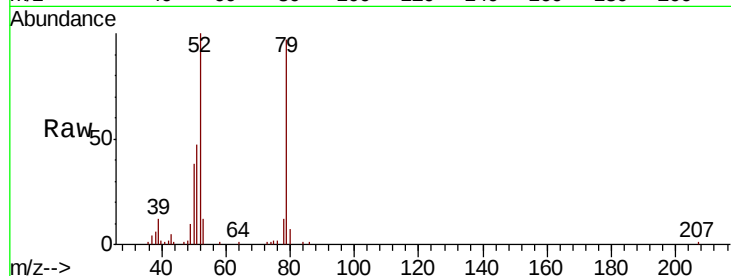
Tot Ion: 79 Resp: 53435

Ion Ratio Lower Upper

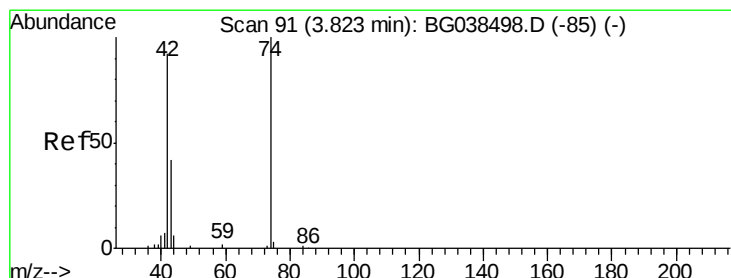
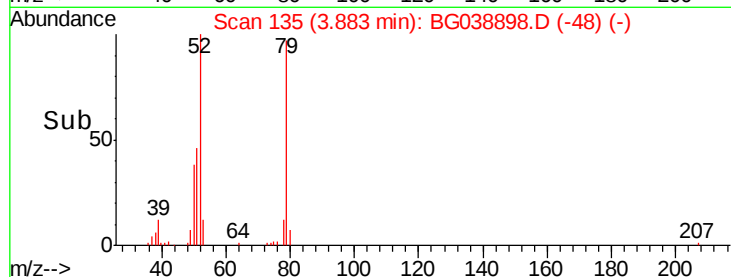
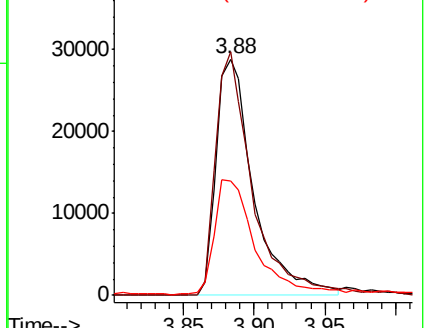
79 100

52 103.1 80.2 120.2

51 48.5 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 37.285 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

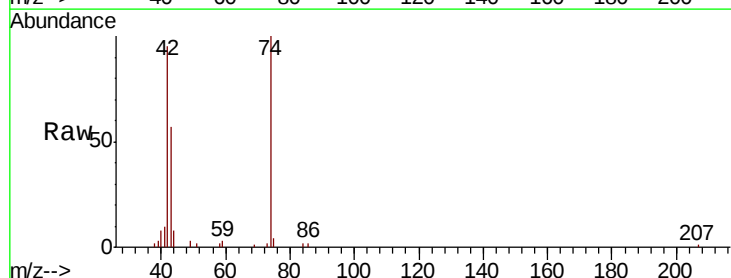
Tgt Ion: 42 Resp: 30817

Ion Ratio Lower Upper

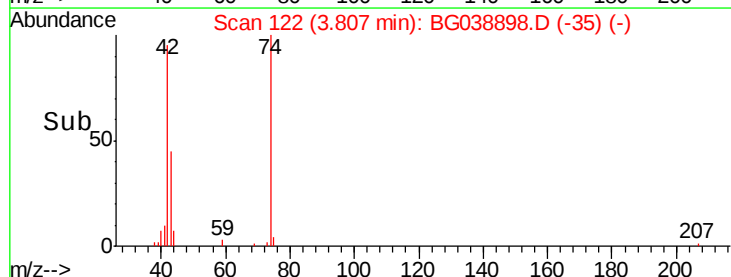
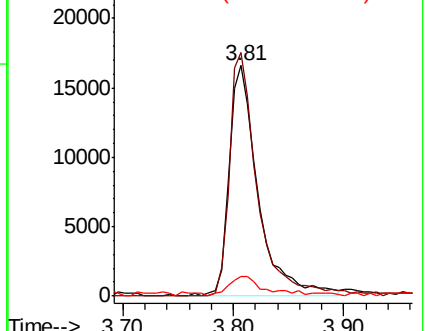
42 100

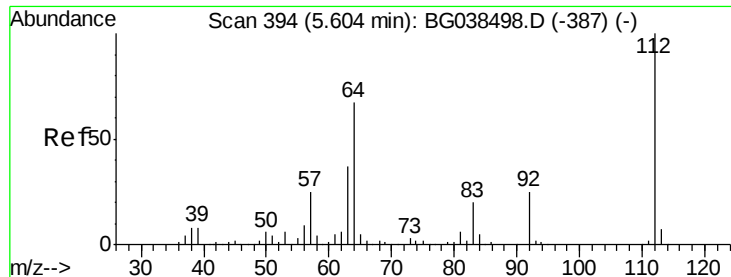
74 105.6 86.7 130.1

44 8.7 7.8 11.8



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





#5

2-Fluorophenol

Concen: 126.087 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

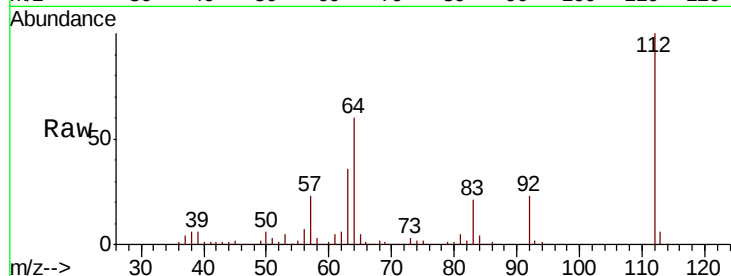
Tot Ion:112 Resp: 165985

Ion Ratio Lower Upper

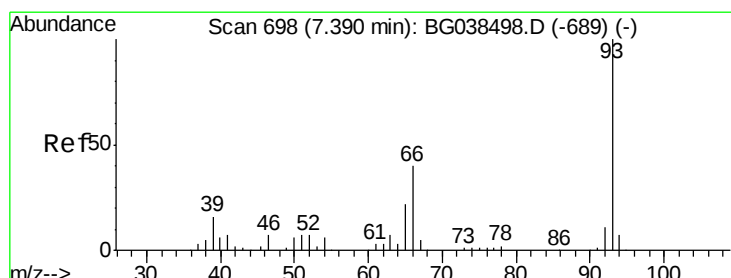
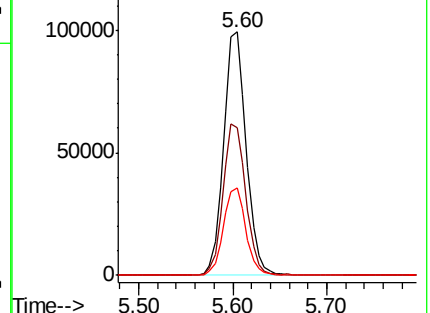
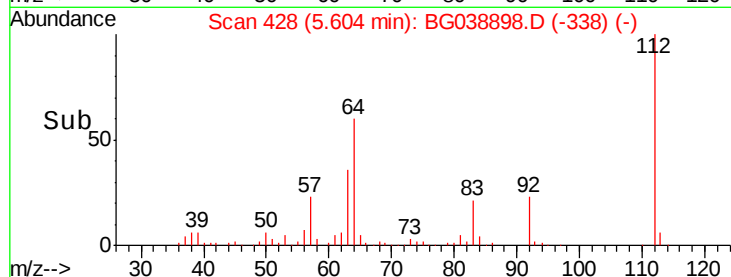
112 100

64 60.4 53.4 80.2

63 35.8 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.579 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

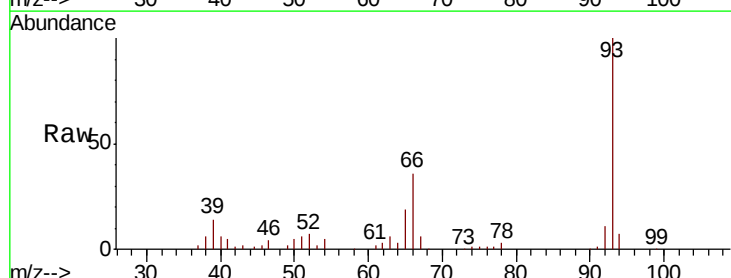
Tgt Ion: 93 Resp: 70546

Ion Ratio Lower Upper

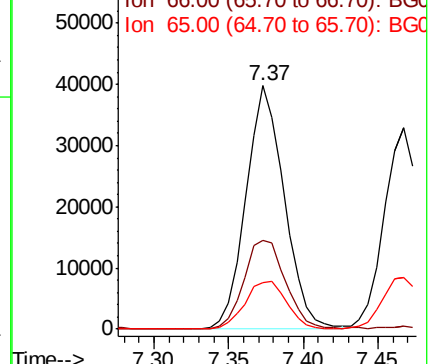
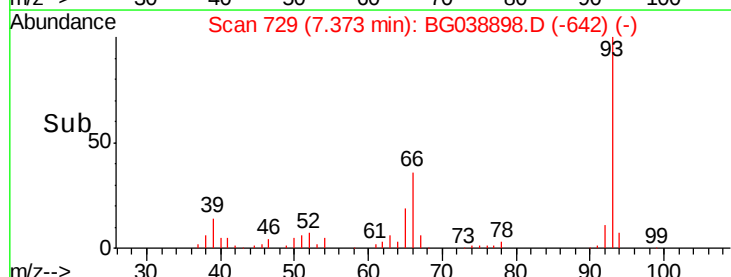
93 100

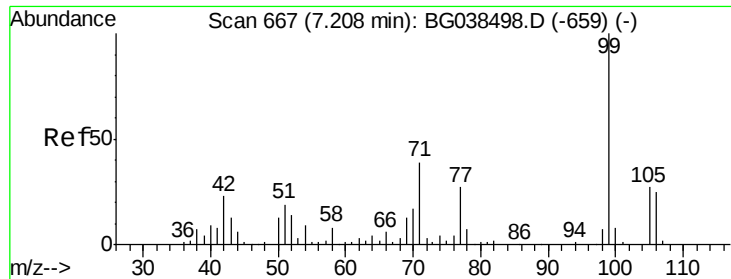
66 36.4 31.7 47.5

65 19.2 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.046 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

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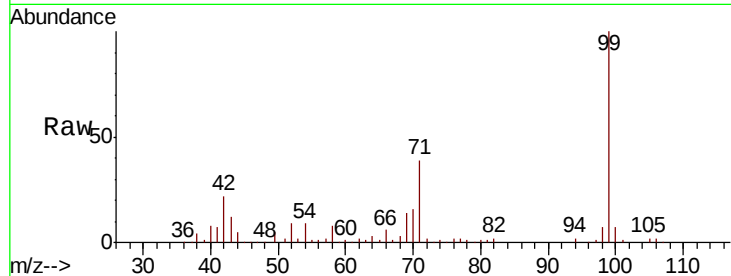
Tot Ion: 99 Resp: 225985

Ion Ratio Lower Upper

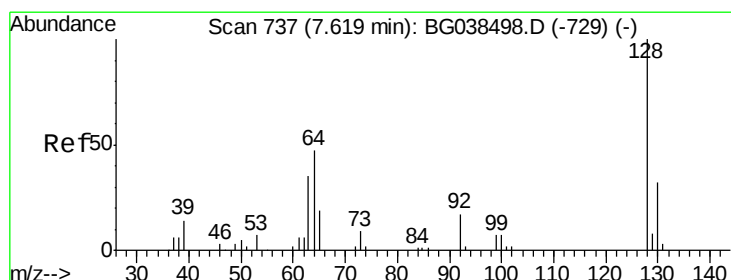
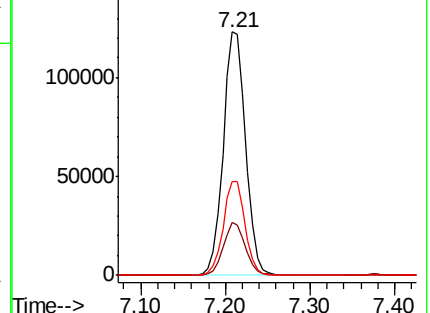
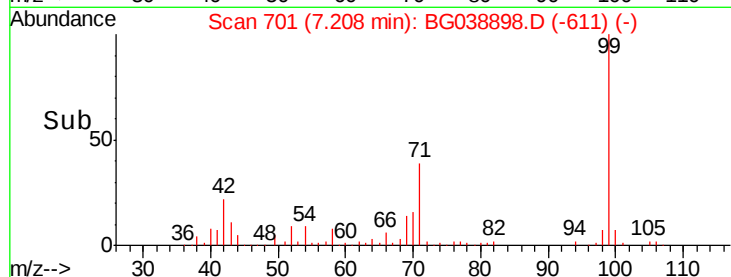
99 100

42 21.6 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: 46.152 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

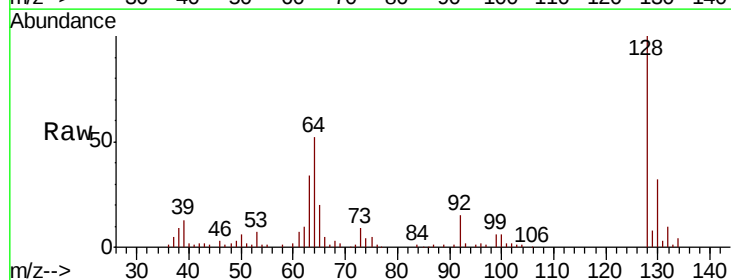
Tgt Ion: 128 Resp: 70309

Ion Ratio Lower Upper

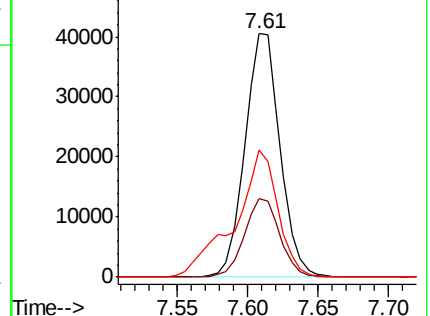
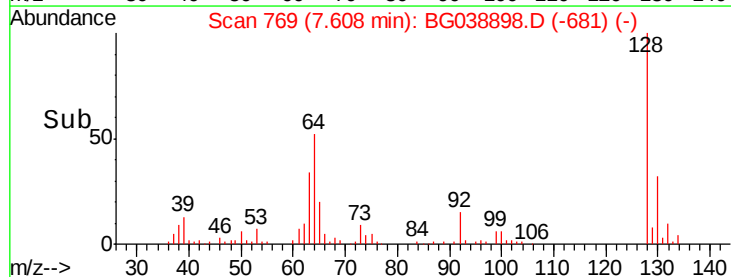
128 100

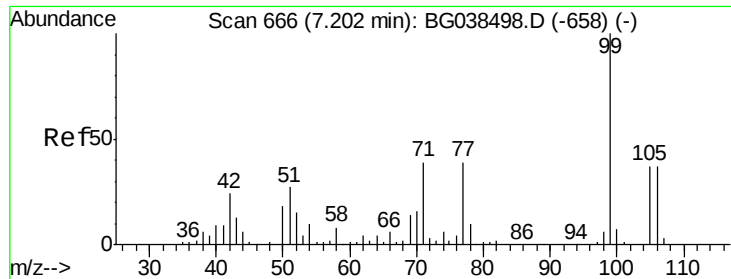
130 32.0 11.8 51.8

64 52.3 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

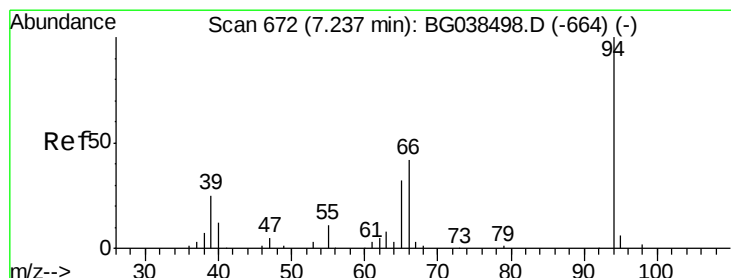
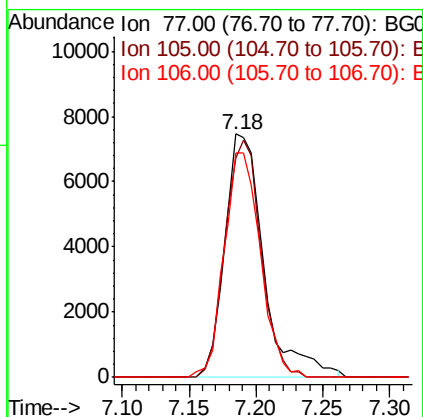
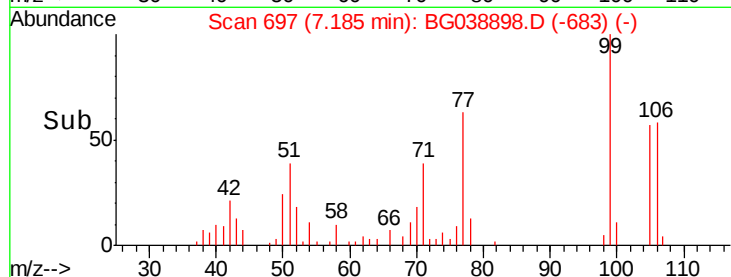
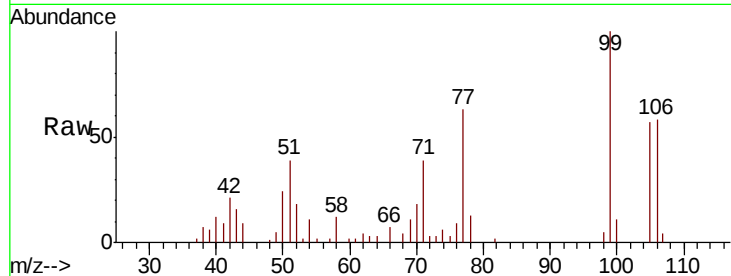




#9
Benzaldehyde
Concen: 13.021 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

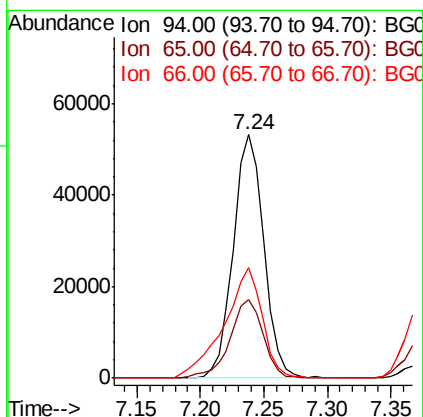
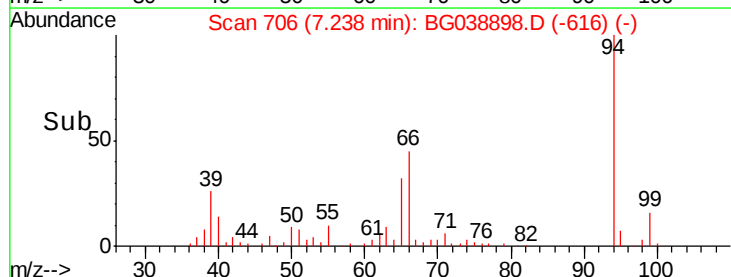
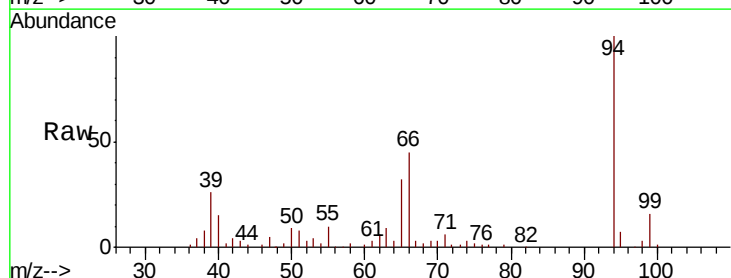
Instrument :
BNA_G
ClientSampleId :
PB116088BSD

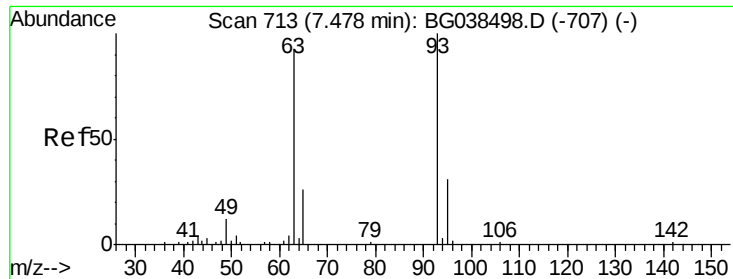
Tot Ion: 77 Resp: 15265
Ion Ratio Lower Upper
77 100
105 90.1 74.0 114.0
106 92.0 73.9 113.9



#10
Phenol
Concen: 46.024 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 94 Resp: 88366
Ion Ratio Lower Upper
94 100
65 32.1 12.6 52.6
66 45.3 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 36.309 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

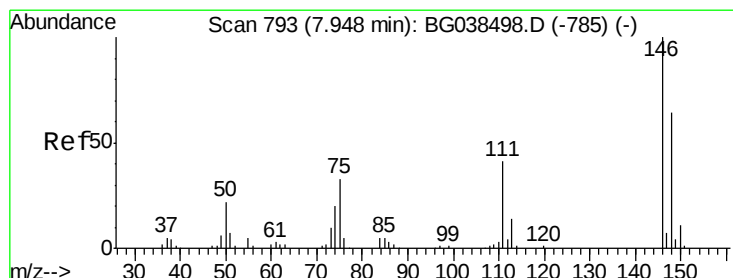
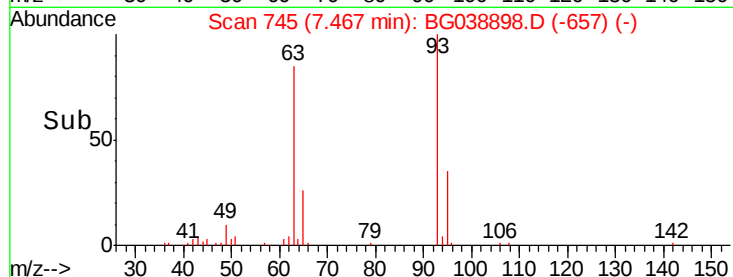
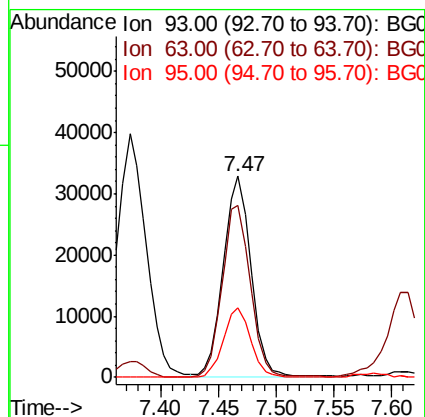
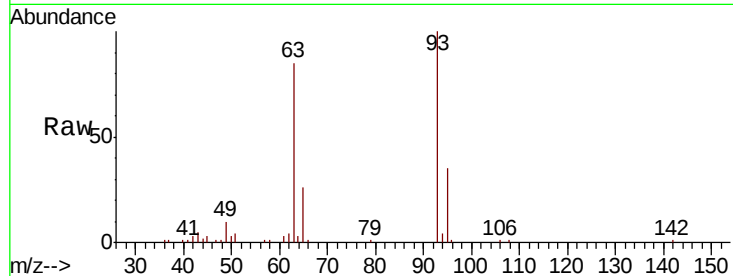
Tot Ion: 93 Resp: 55503

Ion Ratio Lower Upper

93 100

63 85.5 72.2 112.2

95 34.8 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.835 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

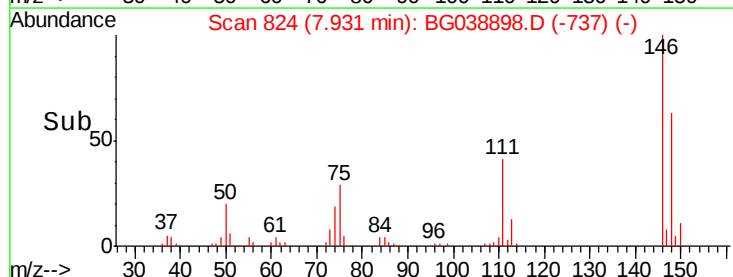
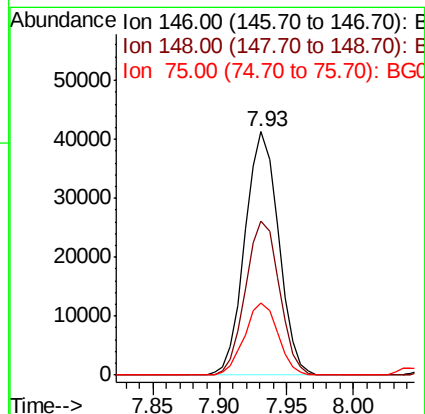
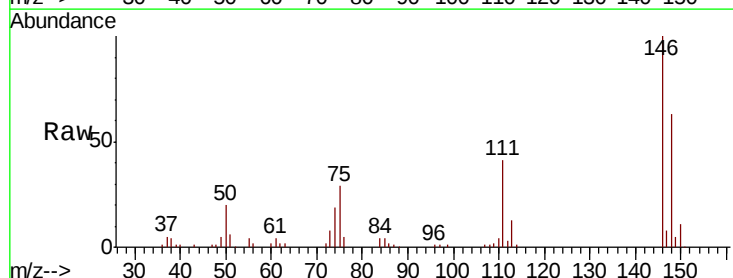
Tgt Ion: 146 Resp: 71754

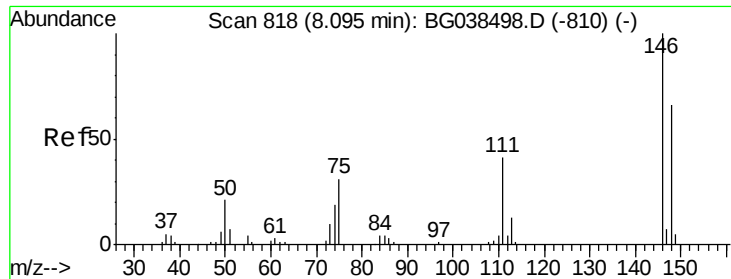
Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

75 29.4 26.1 39.1

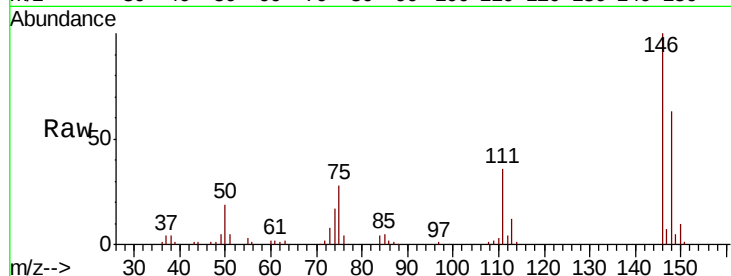




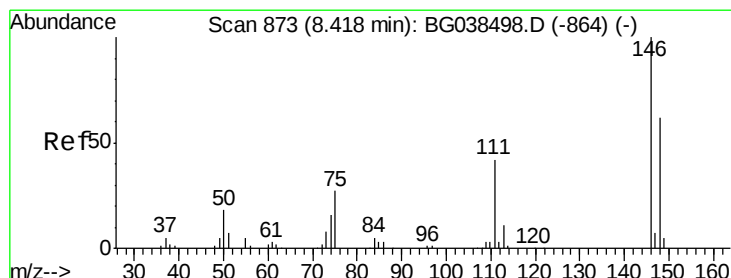
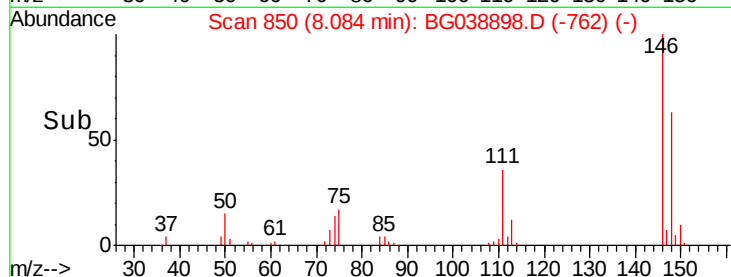
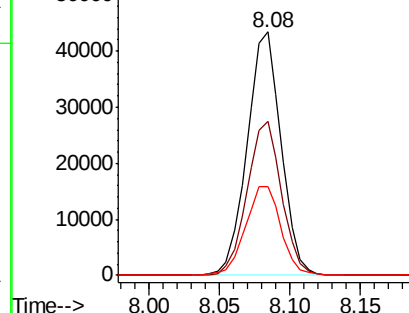
#13
 1,4-Dichlorobenzene
 Concen: 39.620 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:146 Resp: 73090
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.4 78.6
 111 36.2 33.0 49.4

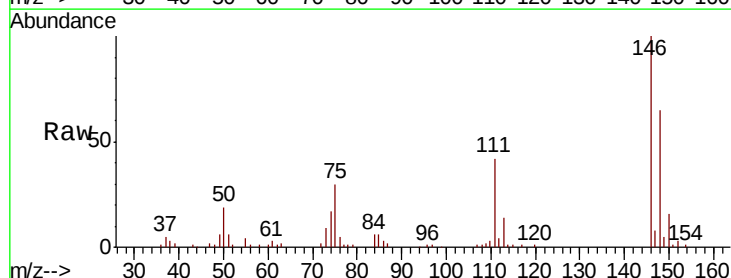


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

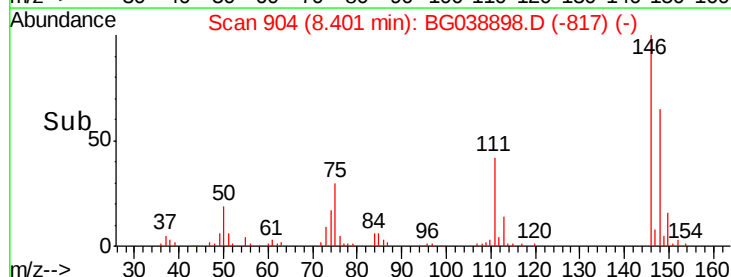
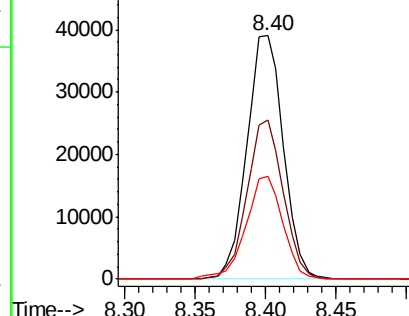


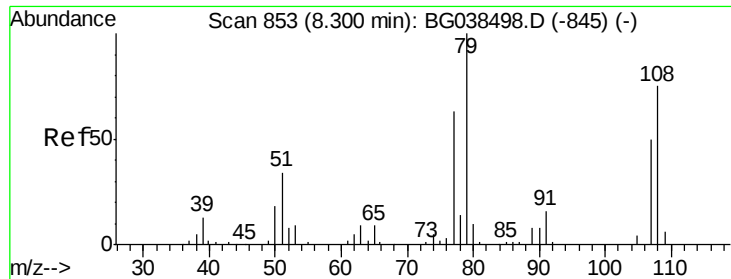
#14
 1,2-Dichlorobenzene
 Concen: 40.778 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:146 Resp: 70920
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.4 74.0
 111 42.0 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: 44.175 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

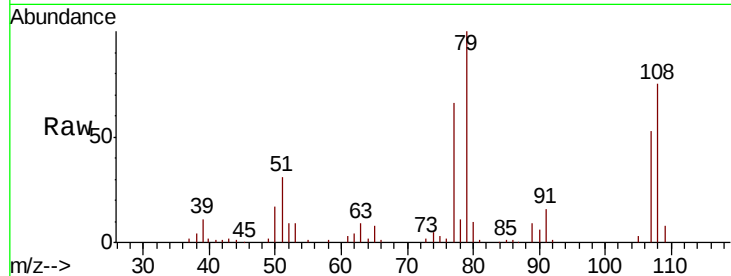
Tot Ion: 79 Resp: 62313

Ion Ratio Lower Upper

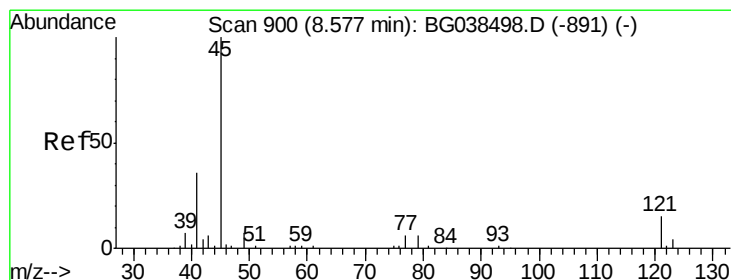
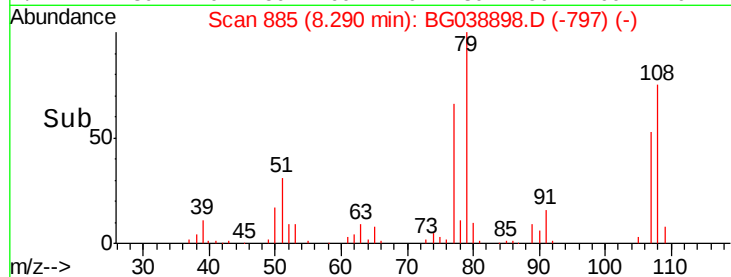
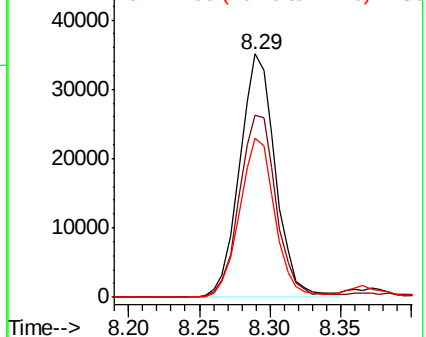
79 100

108 74.7 60.2 90.4

77 65.6 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: 32.623 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

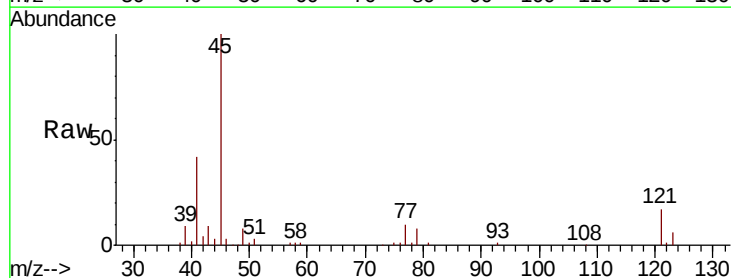
Tgt Ion: 45 Resp: 114236

Ion Ratio Lower Upper

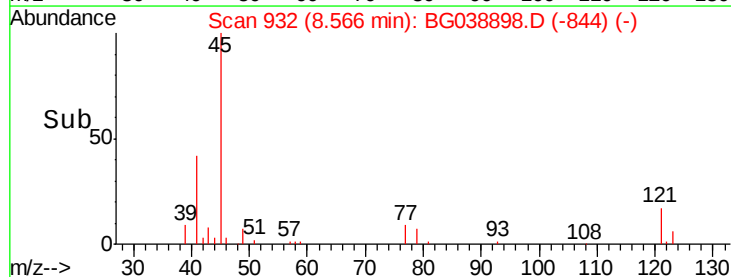
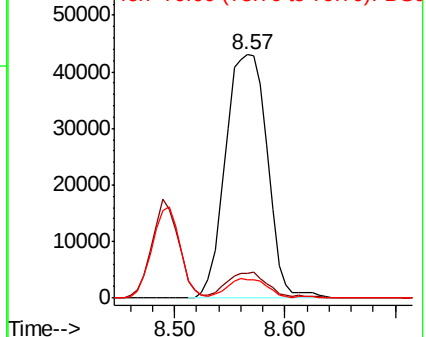
45 100

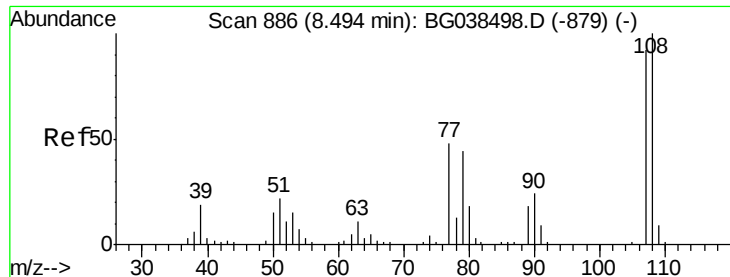
77 10.0 0.0 28.2

79 7.7 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

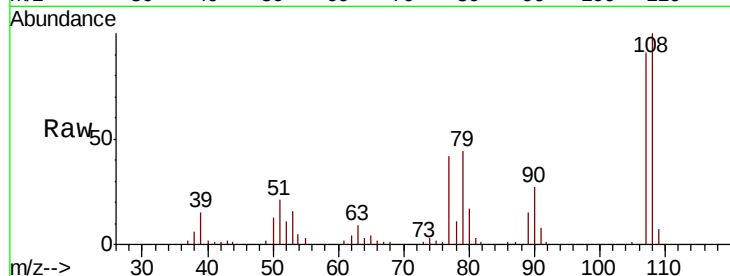




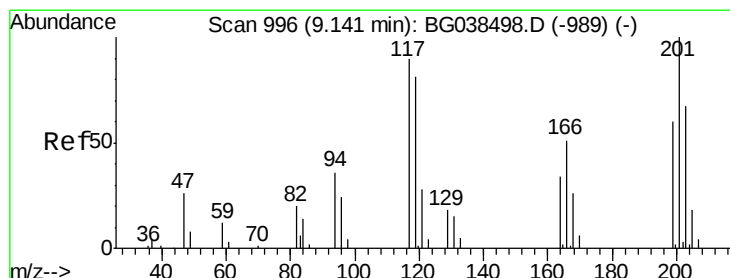
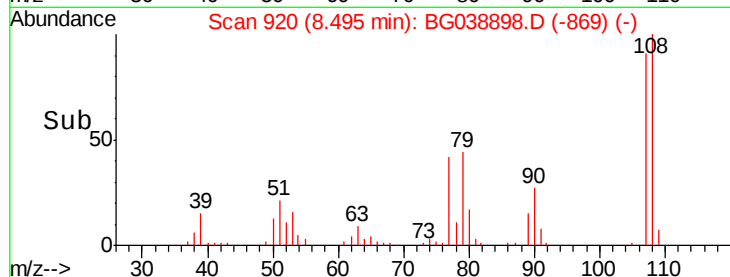
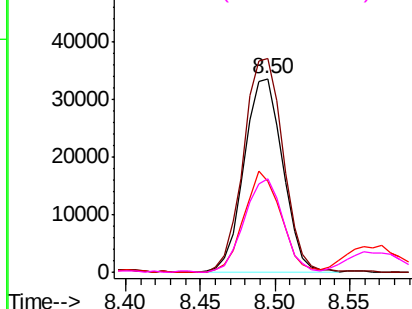
#17
2-Methylphenol
Concen: 46.994 ng
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:107 Resp: 60451
Ion Ratio Lower Upper
107 100
108 110.5 87.1 130.7
77 46.8 42.0 63.0
79 48.3 38.2 57.2

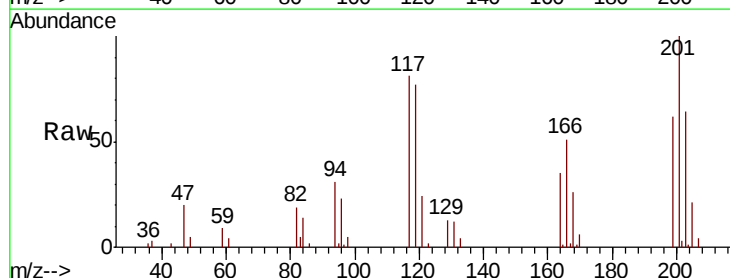


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

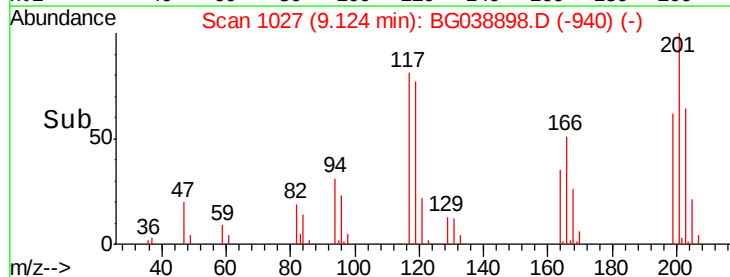
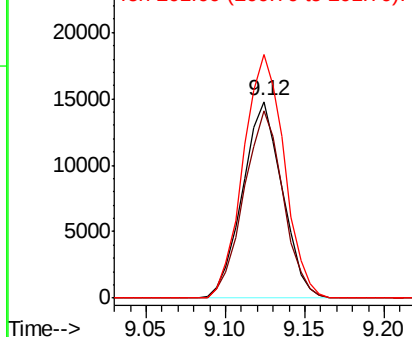


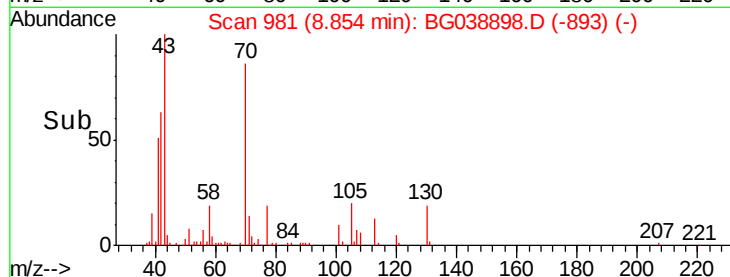
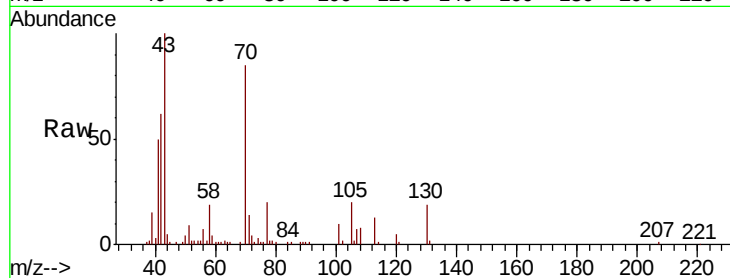
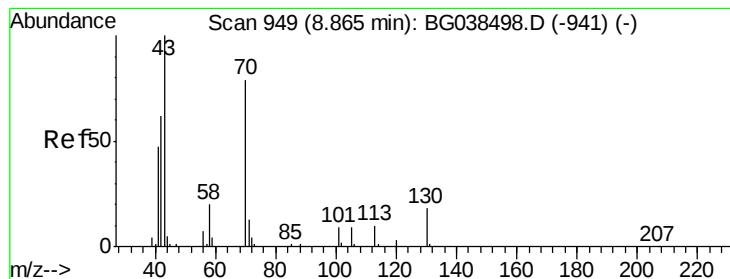
#18
Hexachloroethane
Concen: 38.267 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:117 Resp: 25796
Ion Ratio Lower Upper
117 100
119 95.1 73.8 110.8
201 127.9 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: 38.075 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion: 70 Resp: 48328

Ion Ratio Lower Upper

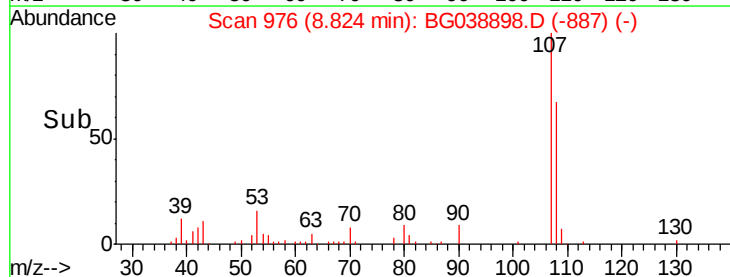
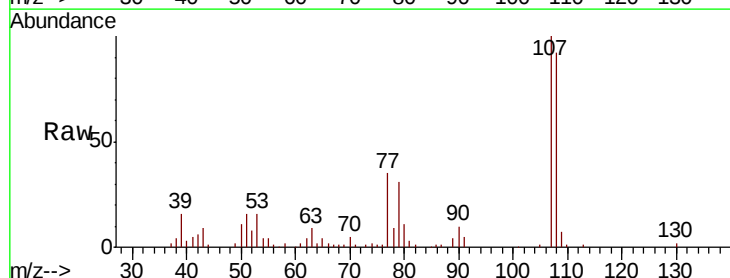
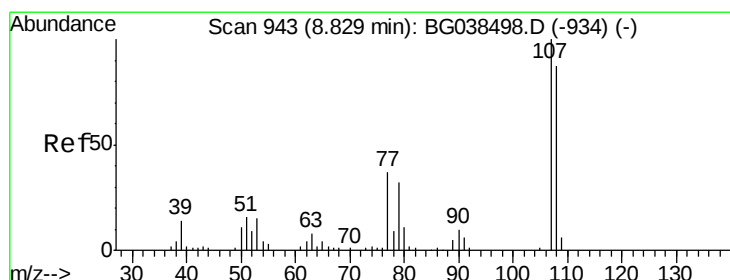
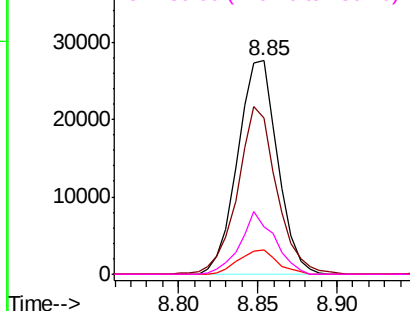
70 100

42 73.1 63.6 95.4

101 11.6 9.2 13.8

130 22.4 18.5 27.7

Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 47.235 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion: 107 Resp: 83915

Ion Ratio Lower Upper

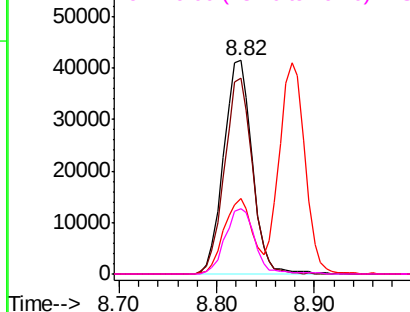
107 100

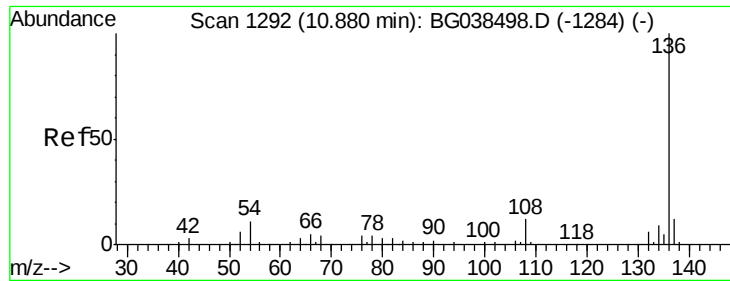
108 91.5 66.7 106.7

77 35.3 17.3 57.3

79 30.8 12.3 52.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion:136 Resp: 97093

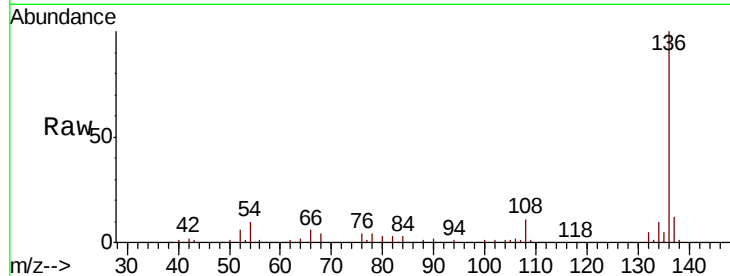
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 10.3 8.5 12.7

68 4.3 3.5 5.3

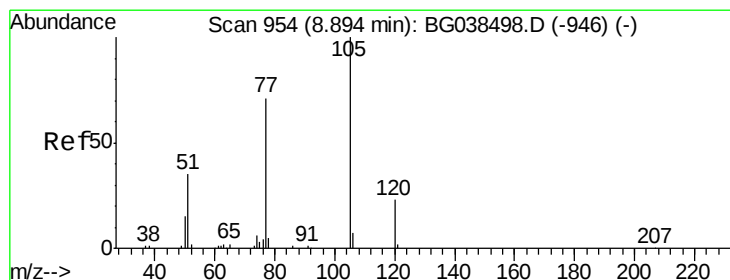
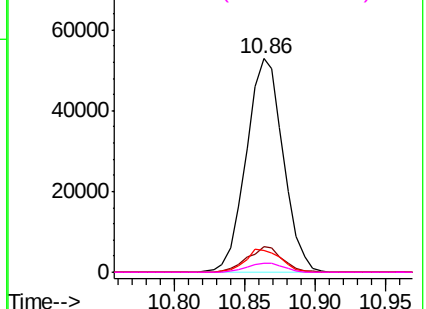
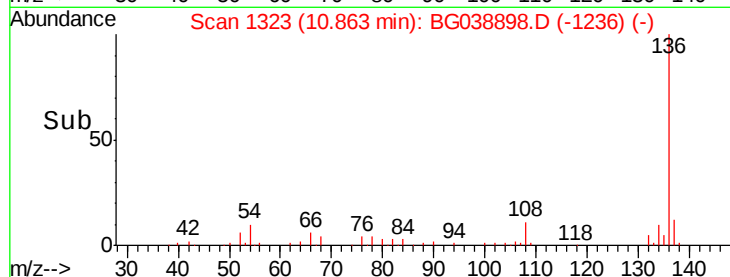


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.799 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:105 Resp: 98945

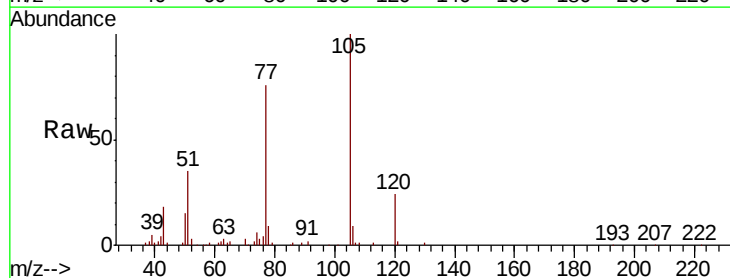
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 34.8 30.6 46.0

120 24.4 18.6 28.0

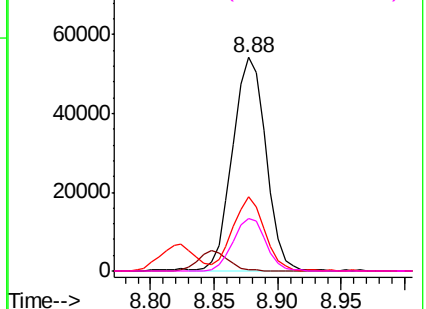
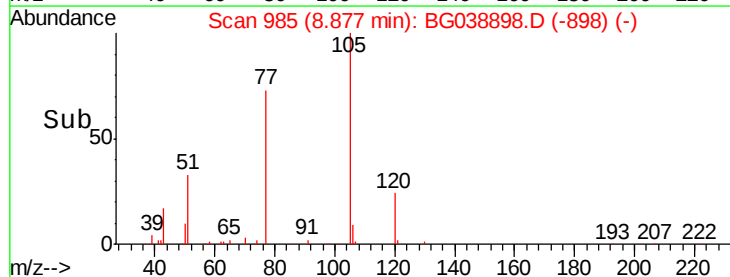


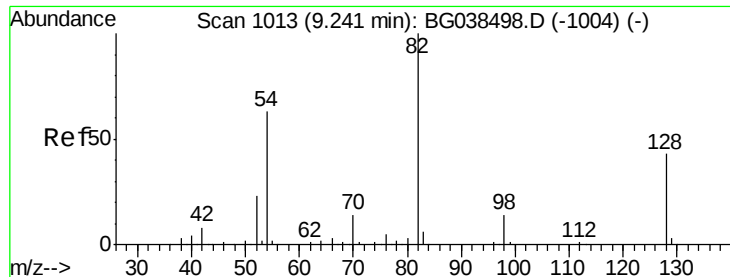
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

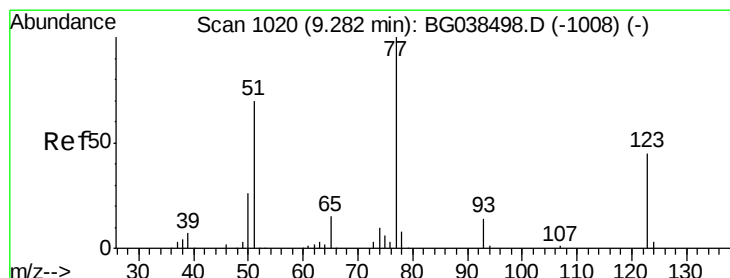
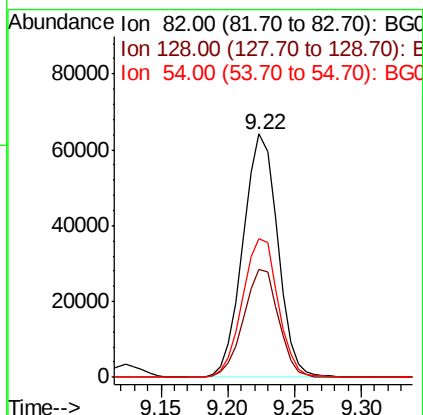
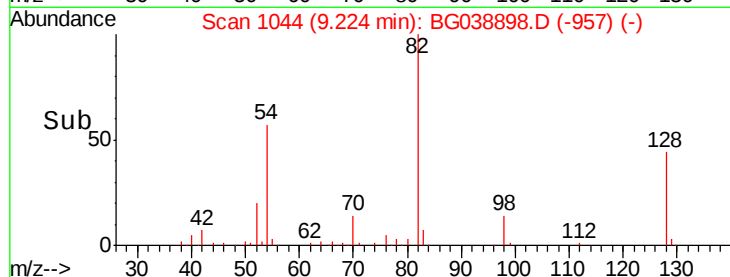
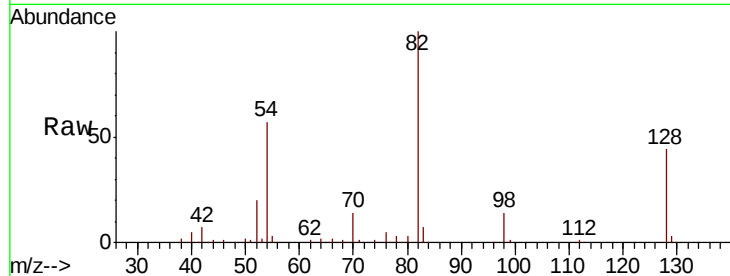




#23
 Nitrobenzene-d5
 Concen: 60.715 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

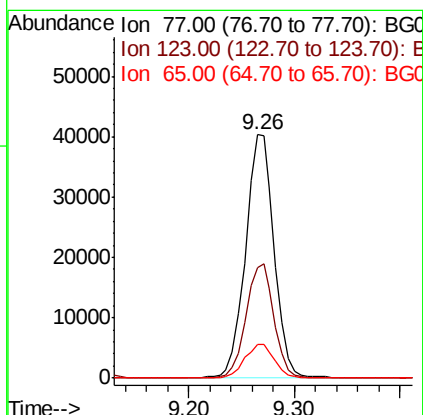
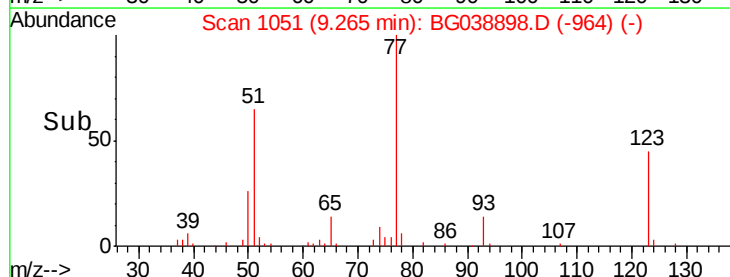
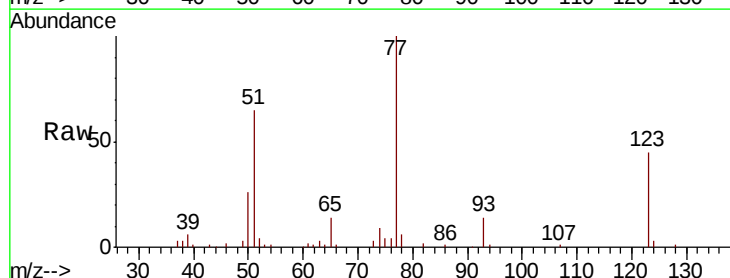
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

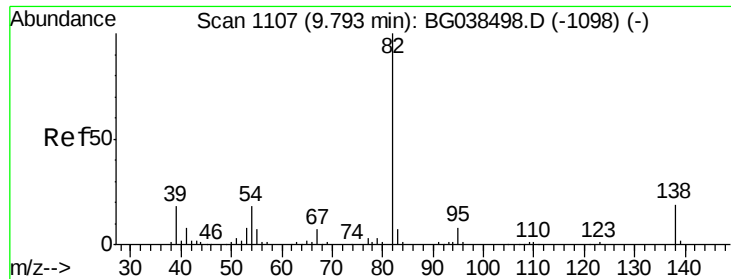
Tot Ion: 82 Resp: 115392
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 52.0
 54 56.8 50.6 76.0



#24
 Nitrobenzene
 Concen: 39.306 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion: 77 Resp: 75571
 Ion Ratio Lower Upper
 77 100
 123 45.3 35.9 53.9
 65 13.7 12.0 18.0

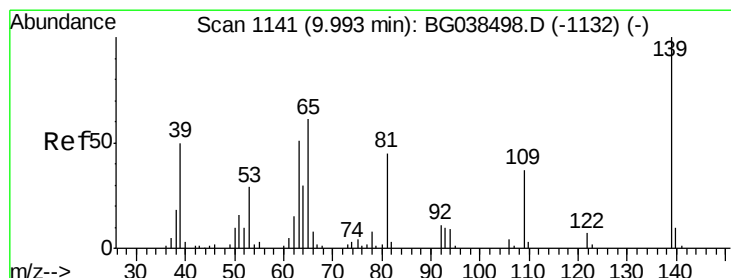
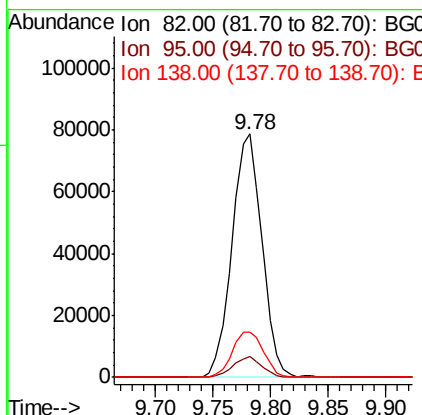
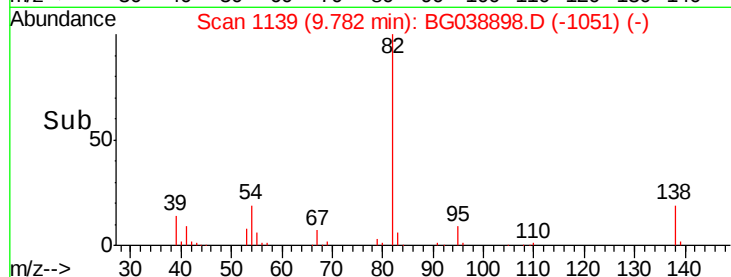
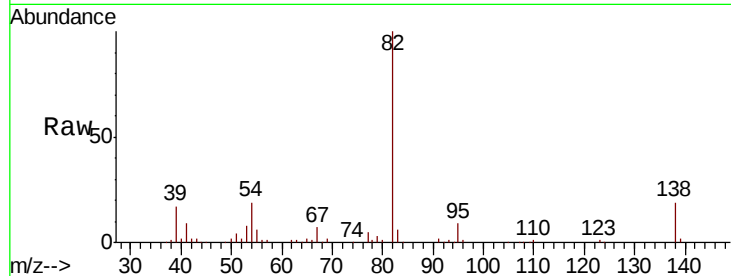




#25
Isophorone
Concen: 41.488 ng
RT: 9.78 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

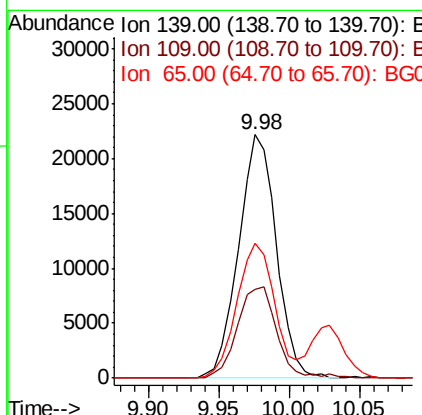
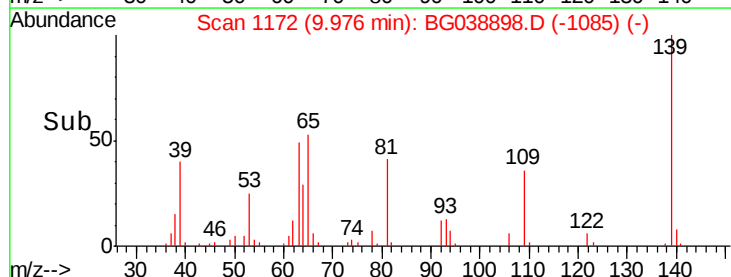
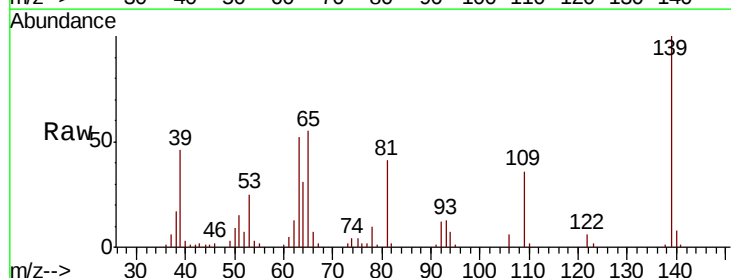
Instrument :
BNA_G
ClientSampleId :
PB116088BSD

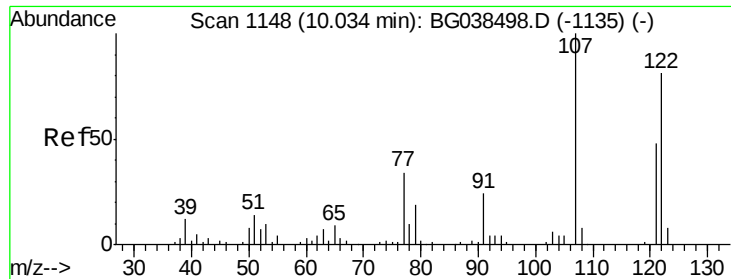
Tot Ion: 82 Resp: 141670
Ion Ratio Lower Upper
82 100
95 8.8 6.1 9.1
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 42.122 ng
RT: 9.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion: 139 Resp: 41450
Ion Ratio Lower Upper
139 100
109 36.2 29.5 44.3
65 55.4 48.5 72.7

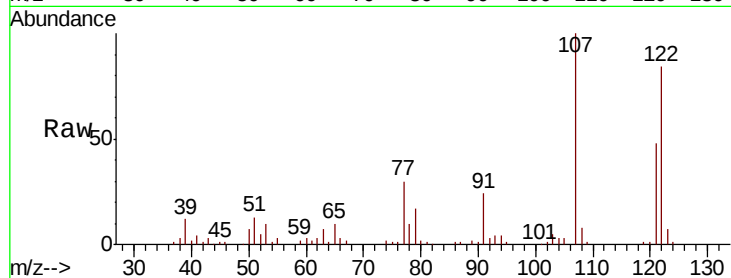




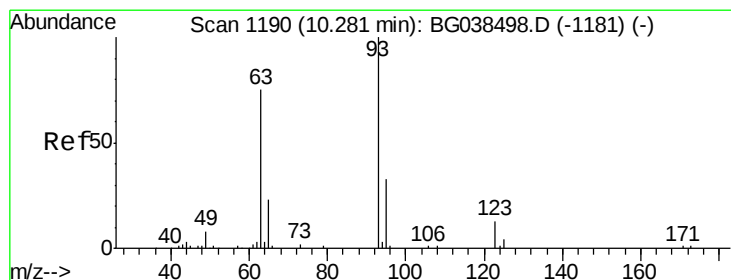
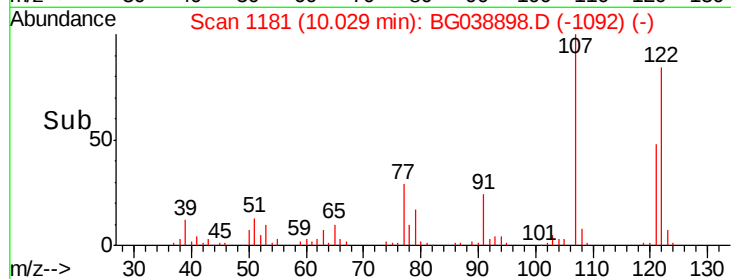
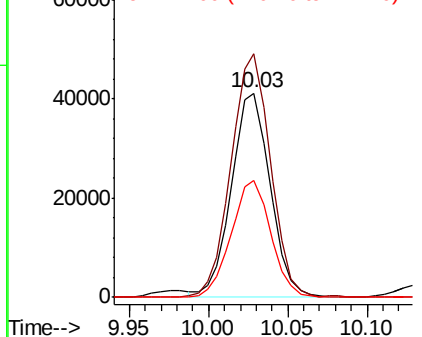
#27
 2,4-Dimethylphenol
 Concen: 49.658 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:122 Resp: 70032
 Ion Ratio Lower Upper
 122 100
 107 119.3 98.4 147.6
 121 57.2 47.2 70.8

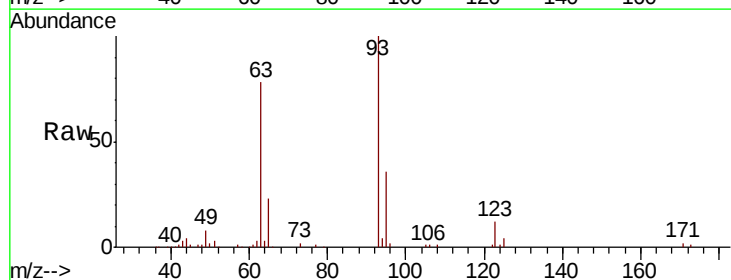


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

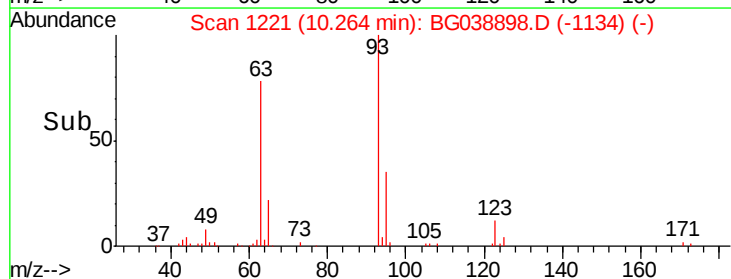
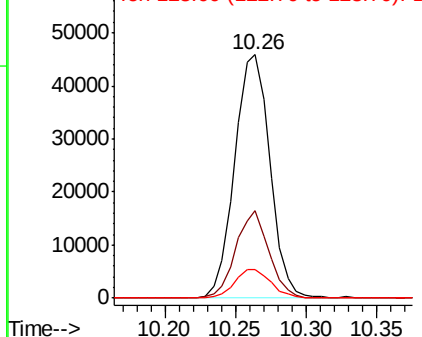


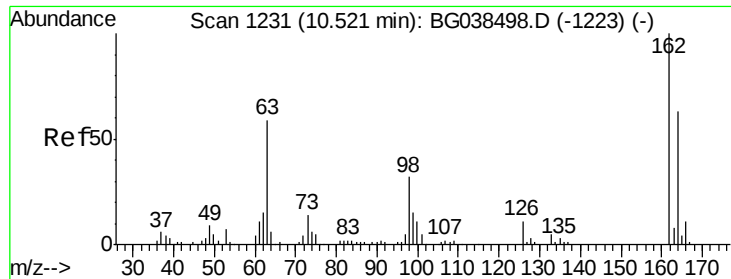
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.552 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion: 93 Resp: 80073
 Ion Ratio Lower Upper
 93 100
 95 36.0 26.6 40.0
 123 11.9 10.6 16.0



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

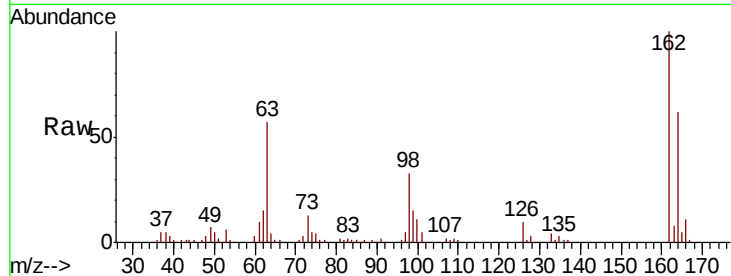




#29
 2,4-Dichlorophenol
 Concen: 51.892 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	42.9	82.9
98	32.7	12.1	52.1

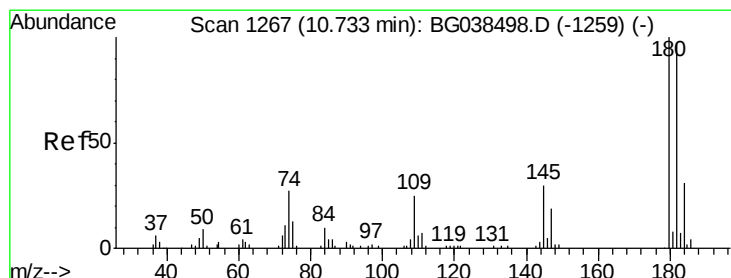
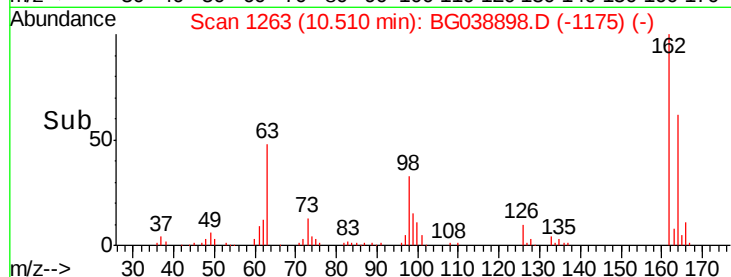
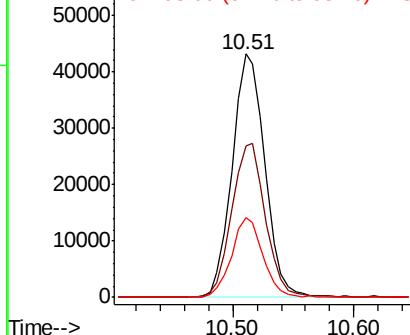


Abundance

Ion 162.00 (161.70 to 162.70): E

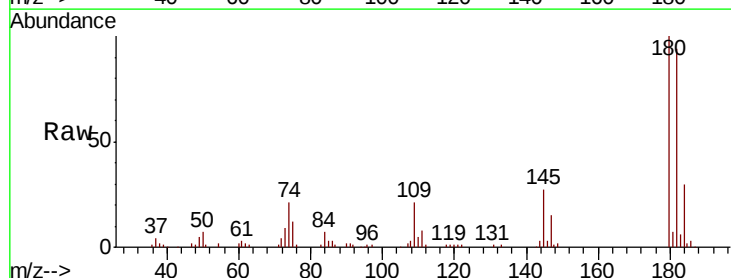
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 43.238 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.4	116.0
145	27.2	24.1	36.1

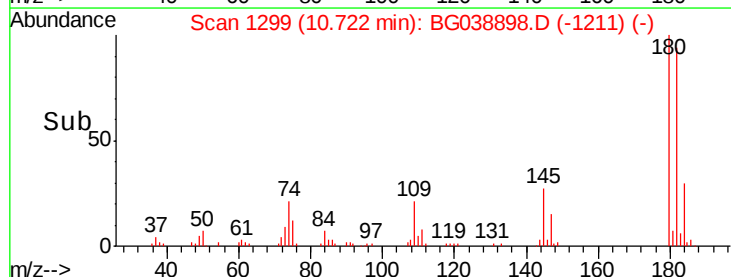
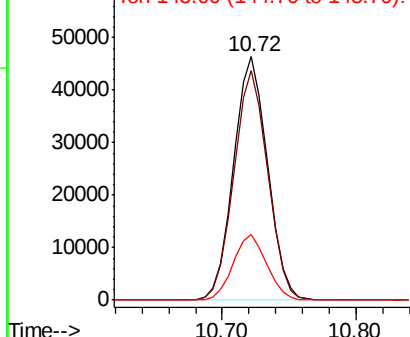


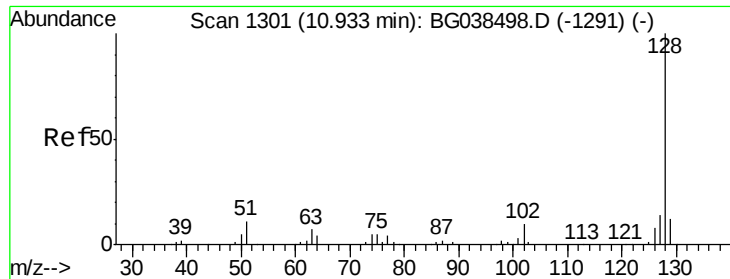
Abundance

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

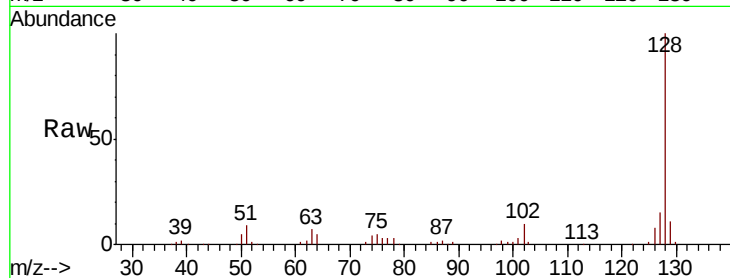




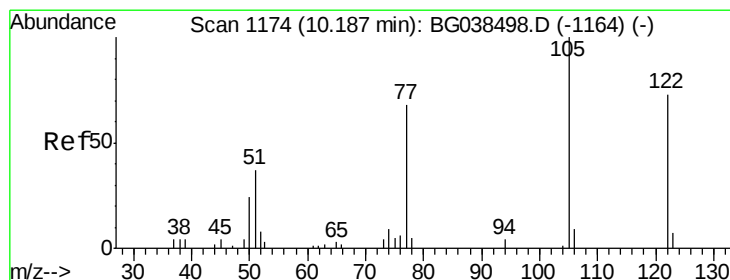
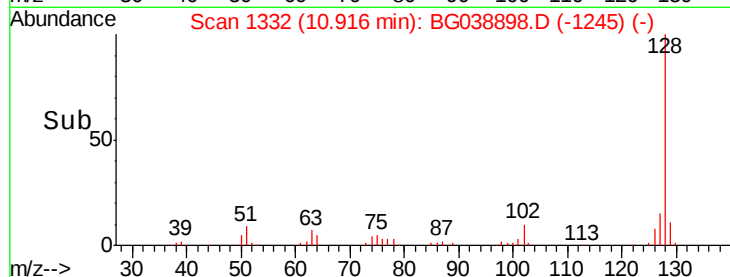
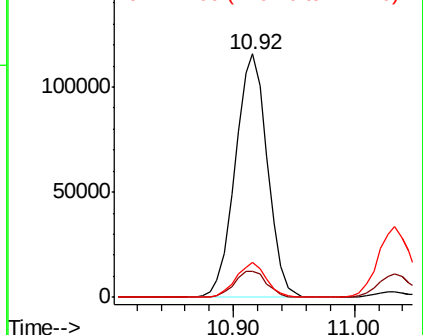
#31
Naphthalene
Concen: 44.711 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:128 Resp: 213889
Ion Ratio Lower Upper
128 100
129 10.6 9.5 14.3
127 14.6 10.9 16.3

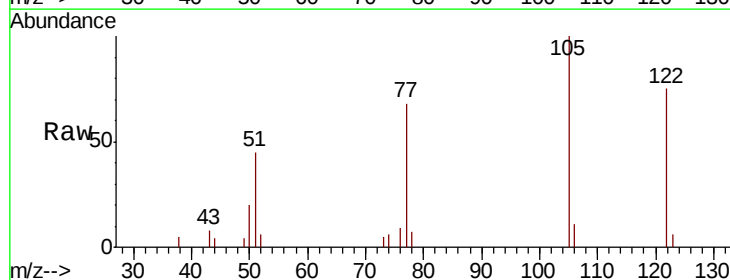


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

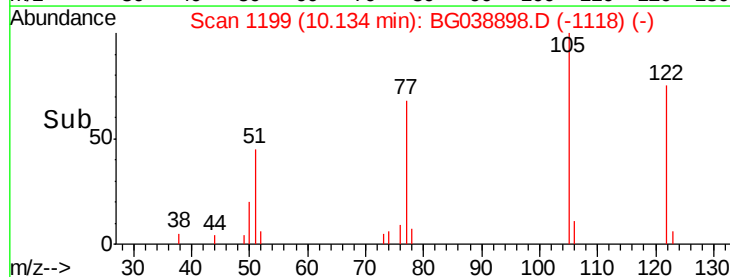
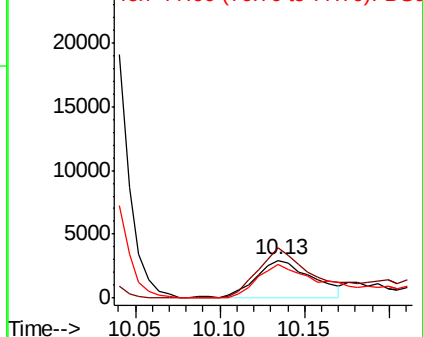


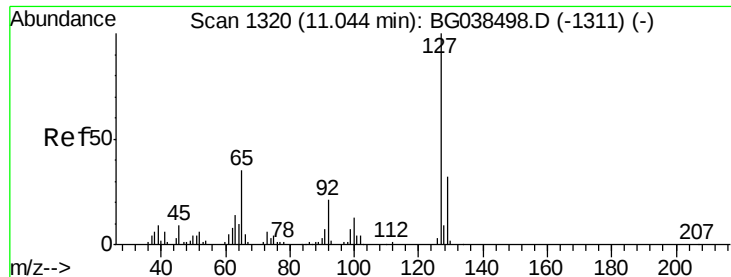
#32
Benzoic acid
Concen: 16.300 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:122 Resp: 6973
Ion Ratio Lower Upper
122 100
105 133.7 116.7 156.7
77 91.1 72.5 112.5



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

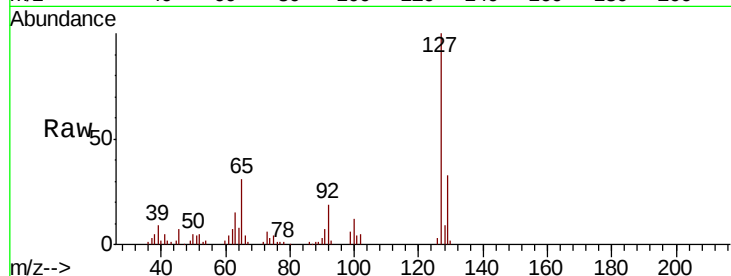




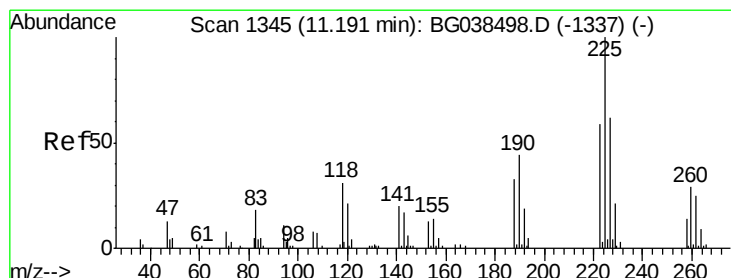
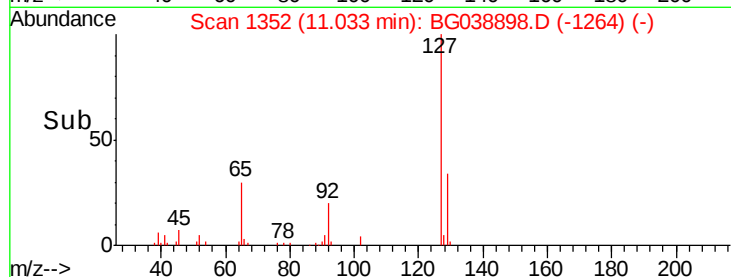
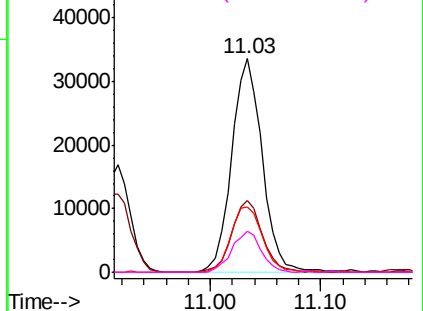
#33
4-Chloroaniline
Concen: 31.453 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:127	Resp:	65325
Ion Ratio	Lower	Upper
127	100	
129	33.5	25.8 38.8
65	30.9	27.8 41.6
92	19.4	17.0 25.6

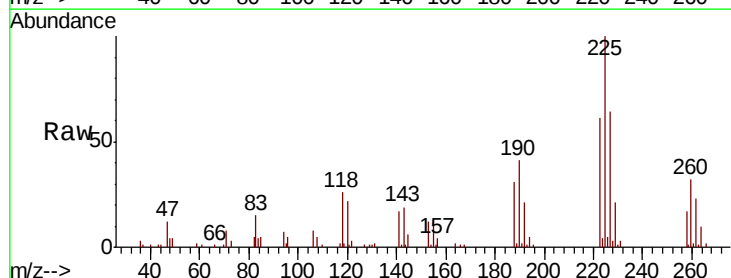


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

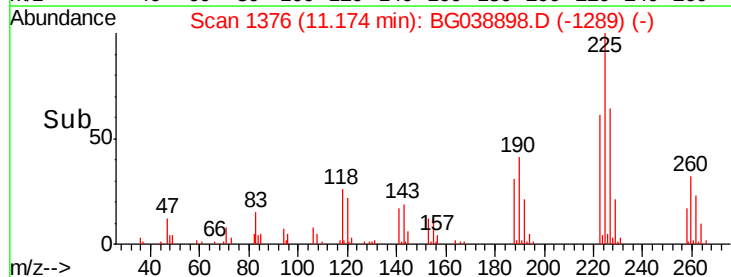
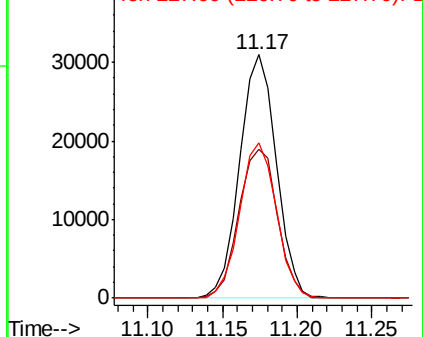


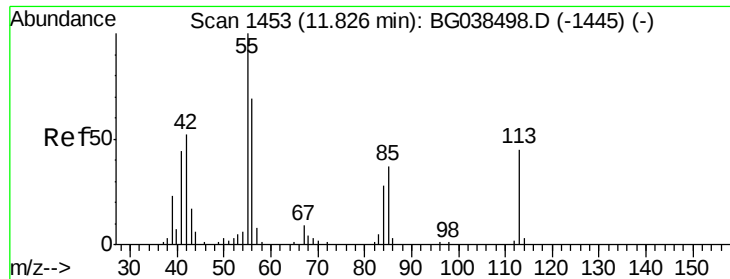
#34
Hexachlorobutadiene
Concen: 41.098 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:225	Resp:	52701
Ion Ratio	Lower	Upper
225	100	
223	61.1	45.0 67.6
227	66.5	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: 45.904 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

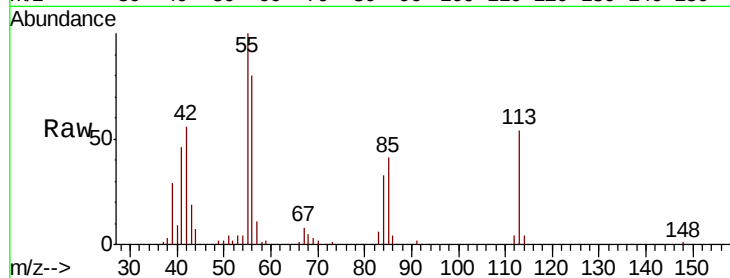
Tot Ion:113 Resp: 29805

Ion Ratio Lower Upper

113 100

55 184.1 204.3 244.3#

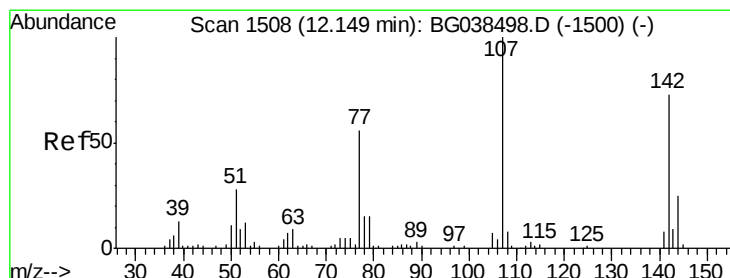
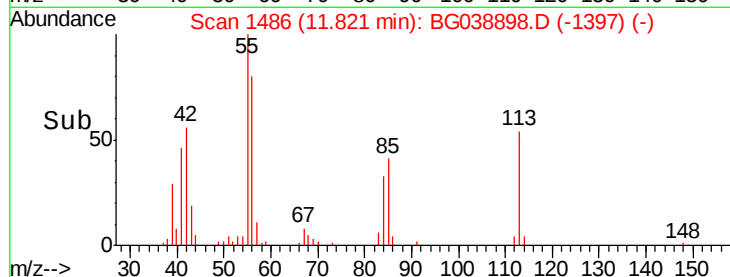
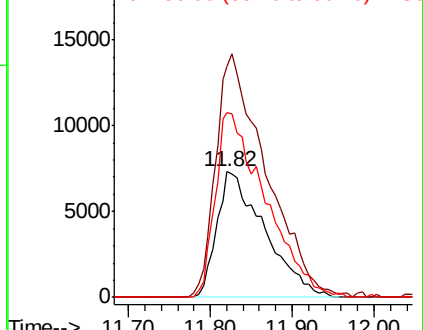
56 147.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.145 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

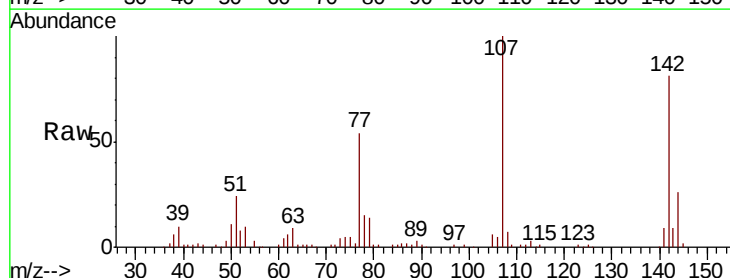
Tgt Ion:107 Resp: 86200

Ion Ratio Lower Upper

107 100

144 25.9 20.1 30.1

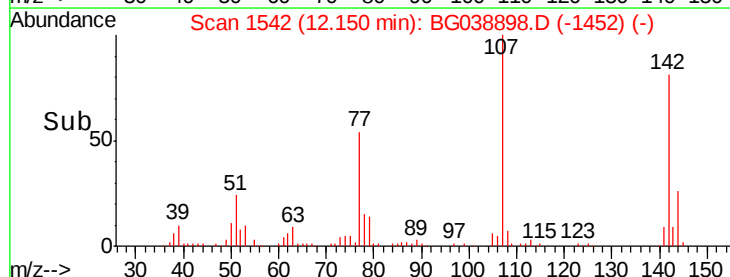
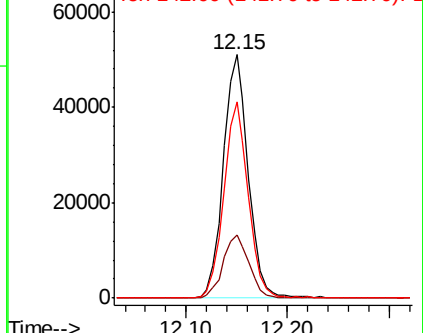
142 80.7 58.7 88.1

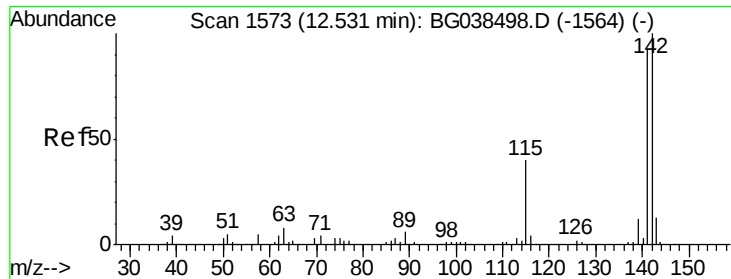


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

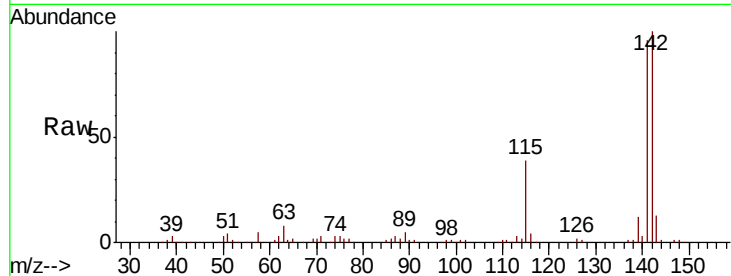




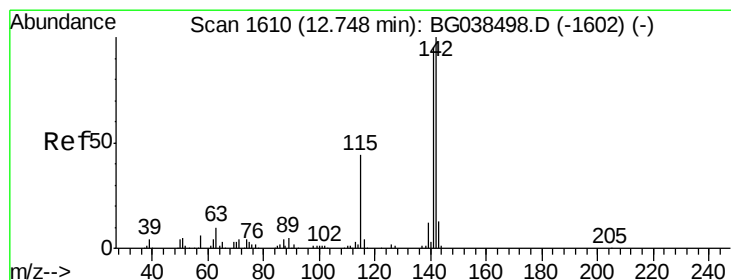
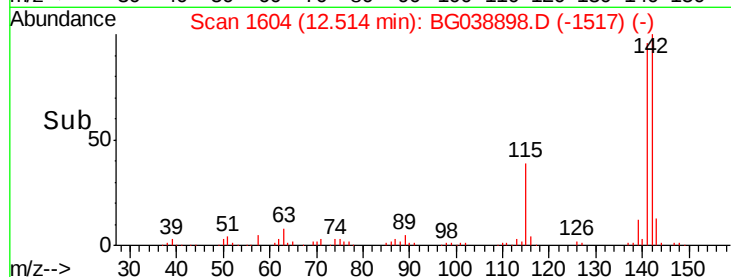
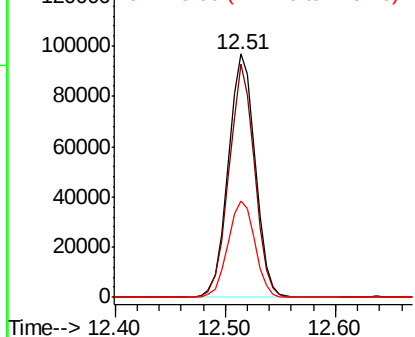
#37
2-Methylnaphthalene
Concen: 48.515 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:142 Resp: 165575
Ion Ratio Lower Upper
142 100
141 95.6 73.5 110.3
115 39.5 31.7 47.5

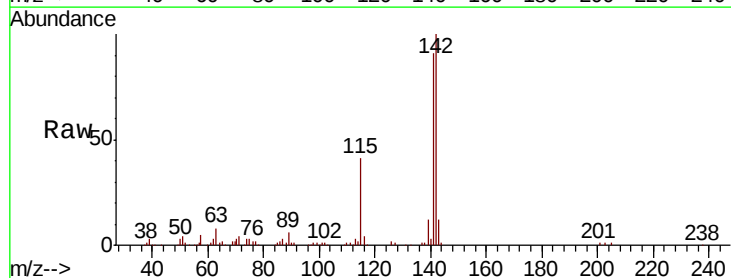


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

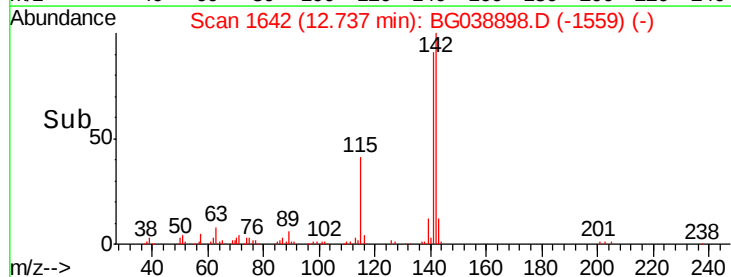
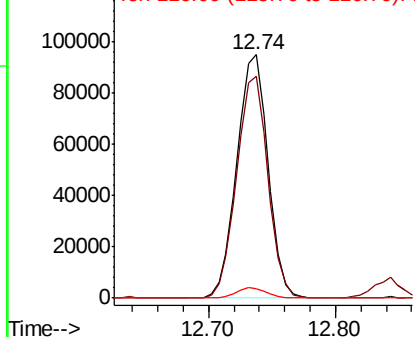


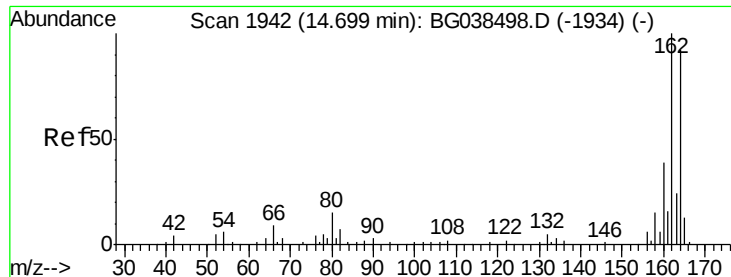
#38
1-Methylnaphthalene
Concen: 48.720 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:142 Resp: 161350
Ion Ratio Lower Upper
142 100
141 91.2 75.8 113.8
116 4.0 3.6 5.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

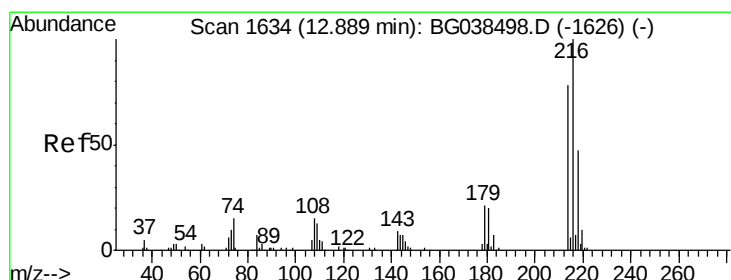
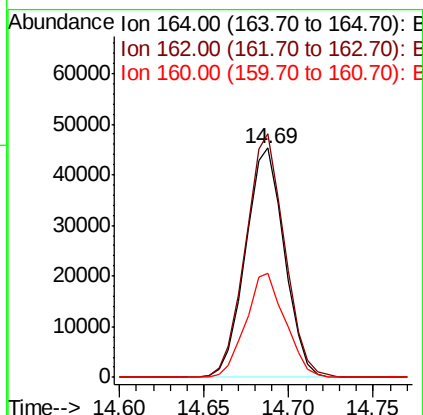
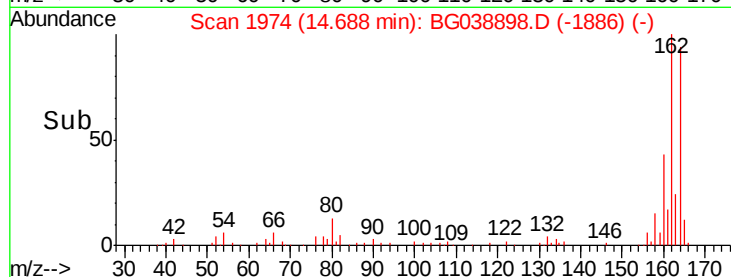
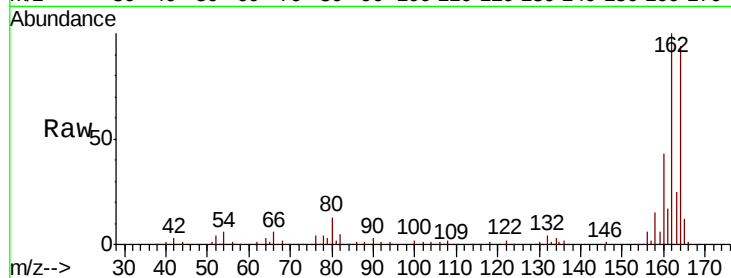
Tot Ion:164 Resp: 72222

Ion Ratio Lower Upper

164 100

162 106.3 86.6 130.0

160 45.5 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.144 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Tgt Ion:216 Resp: 105674

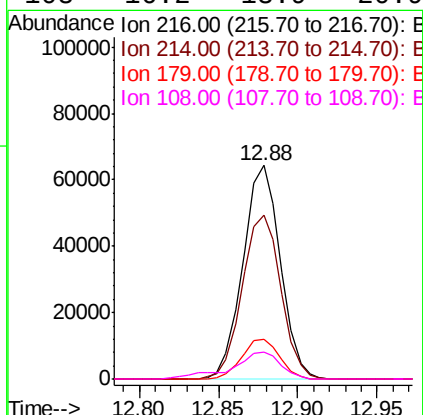
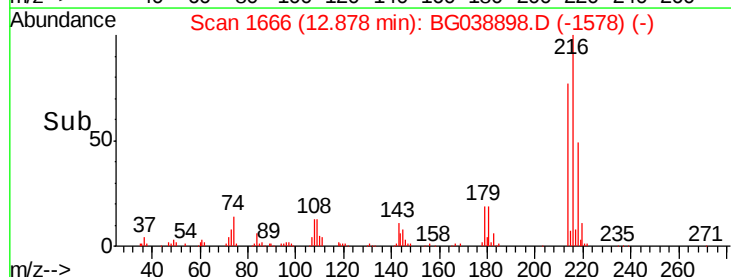
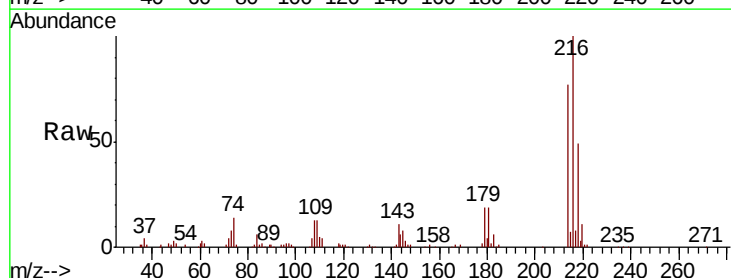
Ion Ratio Lower Upper

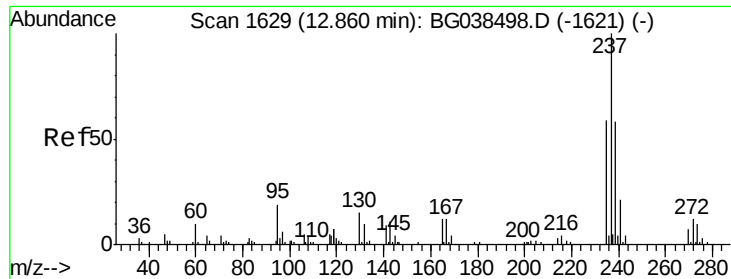
216 100

214 79.0 64.1 96.1

179 18.7 16.4 24.6

108 16.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 79.092 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

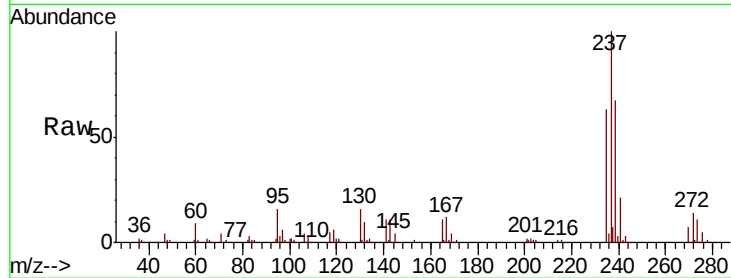
Tot Ion:237 Resp: 117306

Ion Ratio Lower Upper

237 100

235 63.2 38.8 78.8

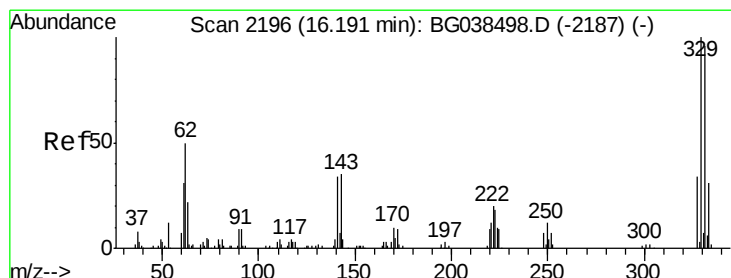
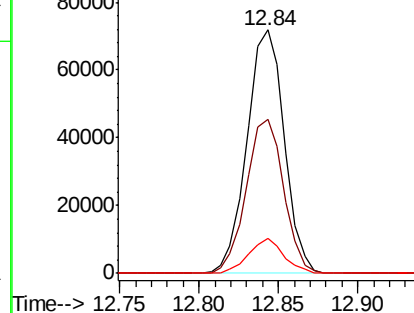
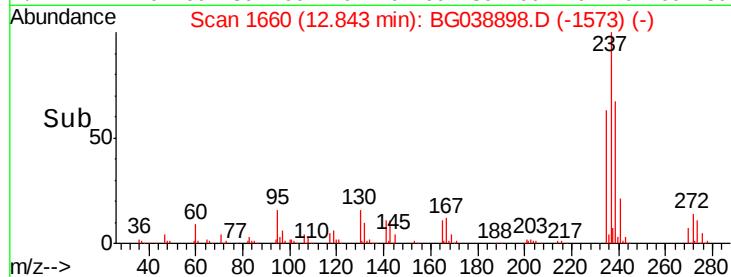
272 14.1 0.0 32.0



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: 145.255 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

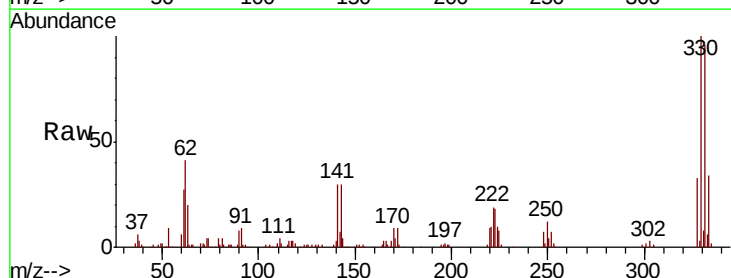
Tgt Ion:330 Resp: 144579

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

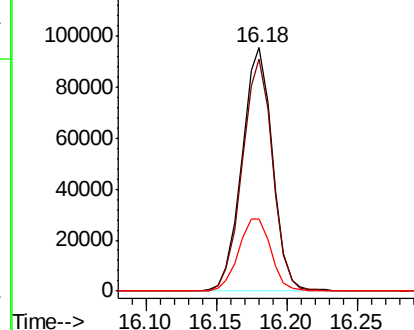
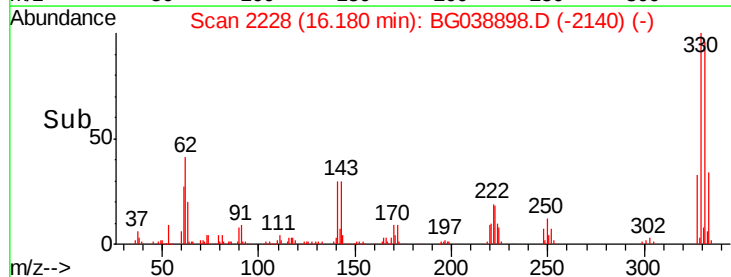
141 31.4 28.8 43.2

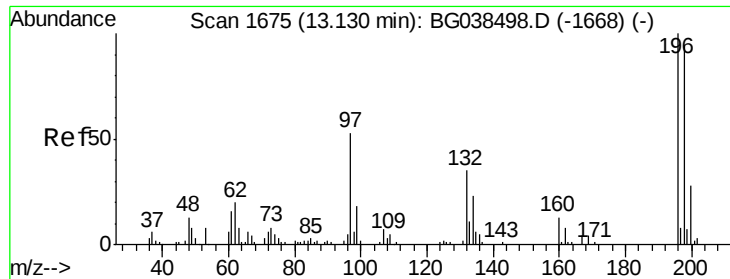


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

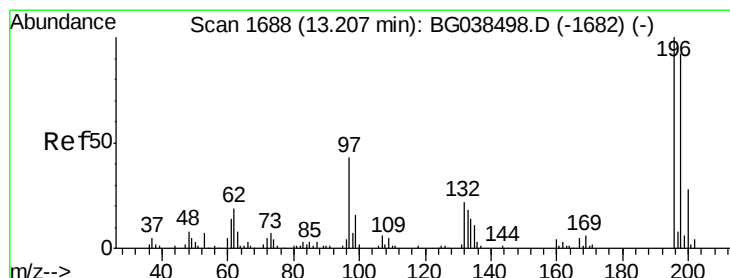
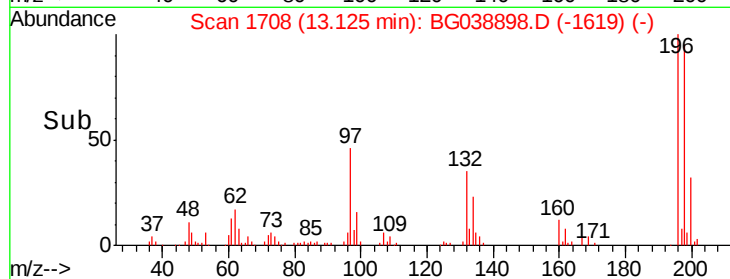
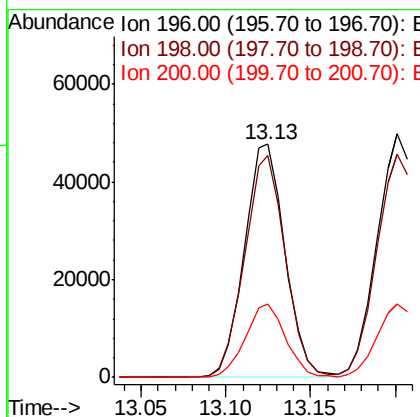
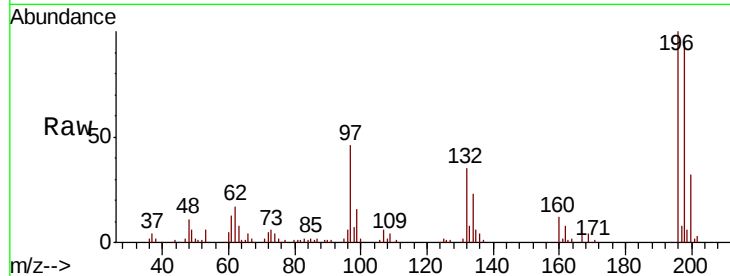




#43
 2,4,6-Trichlorophenol
 Concen: 48.100 ng
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

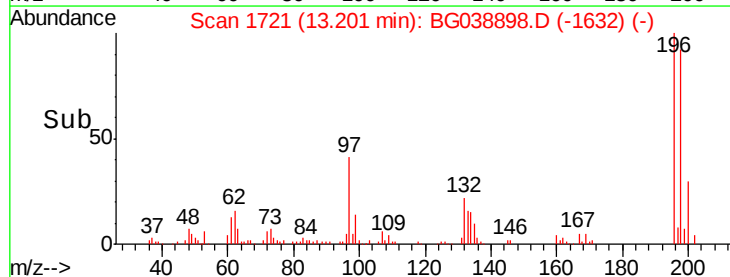
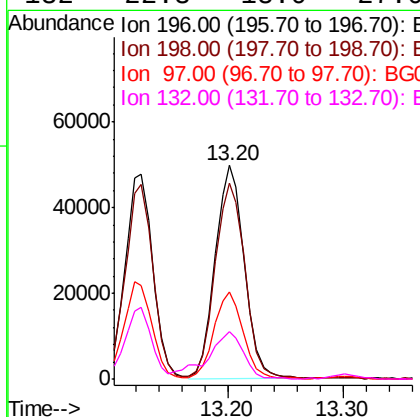
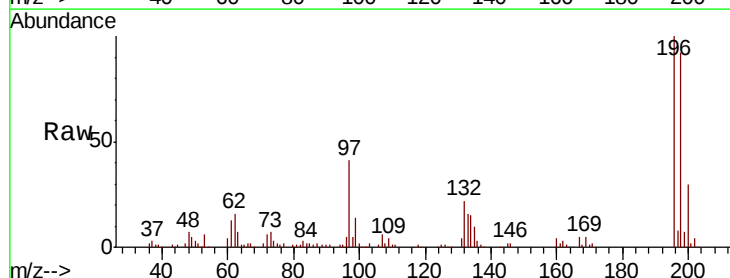
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

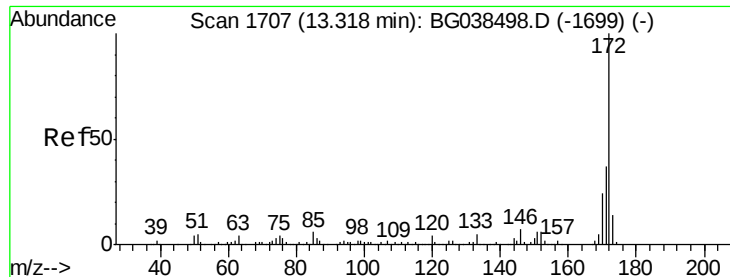
Tot Ion:196 Resp: 79842
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.0 112.4
 200 31.5 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 49.395 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:196 Resp: 86809
 Ion Ratio Lower Upper
 196 100
 198 91.6 74.0 111.0
 97 40.7 35.1 52.7
 132 22.3 18.0 27.0

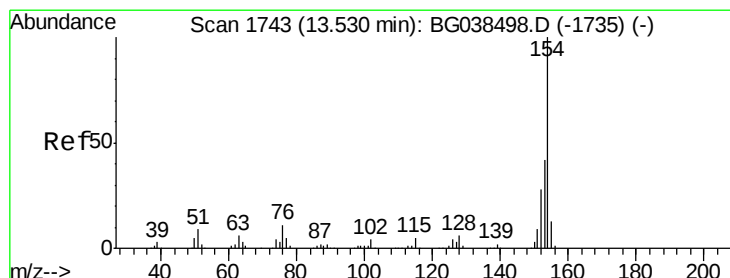
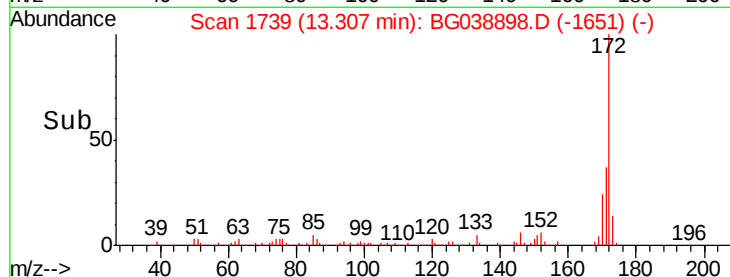
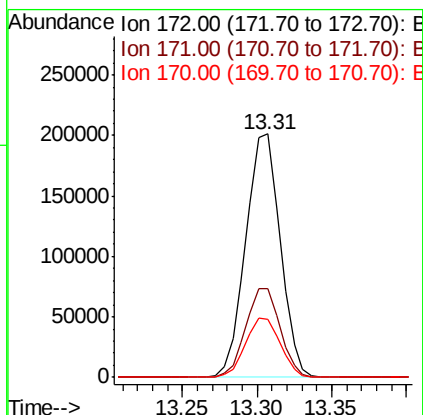
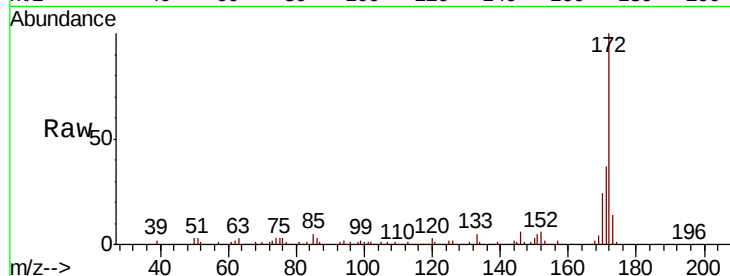




#45
 2-Fluorobiphenyl
 Concen: 61.078 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

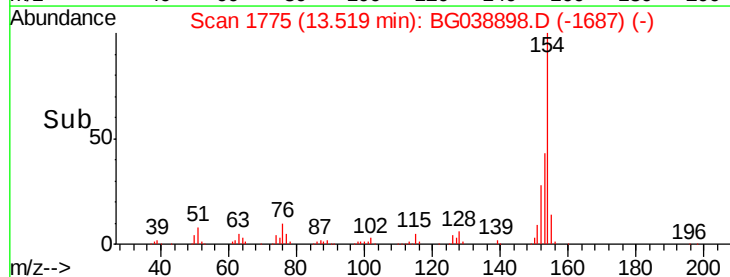
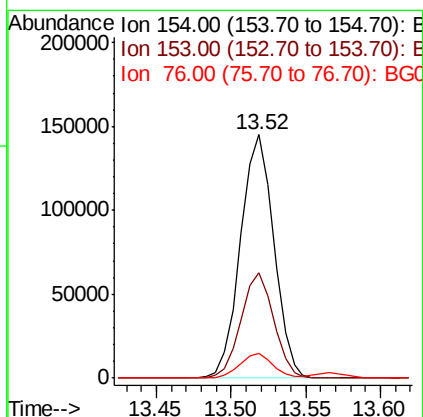
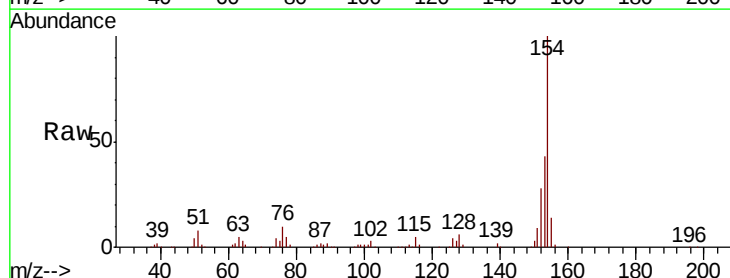
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

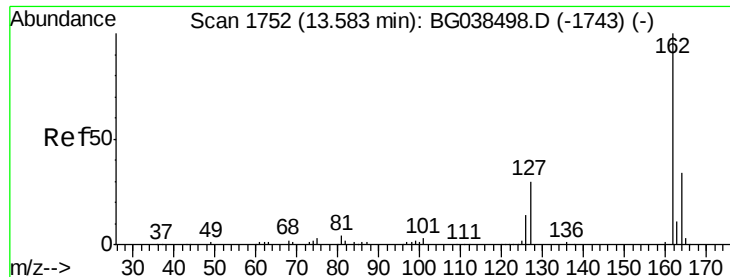
Tot Ion:172 Resp: 321552
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.0 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 37.112 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:154 Resp: 224694
 Ion Ratio Lower Upper
 154 100
 153 43.3 22.1 62.1
 76 10.0 0.0 31.2

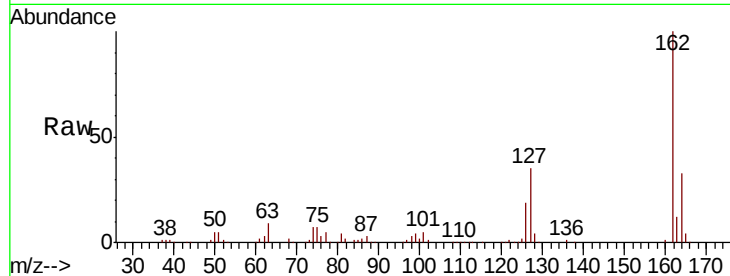




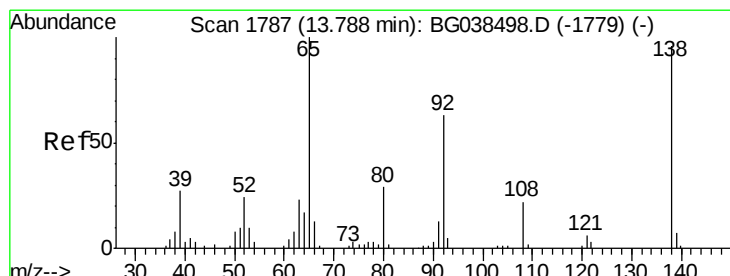
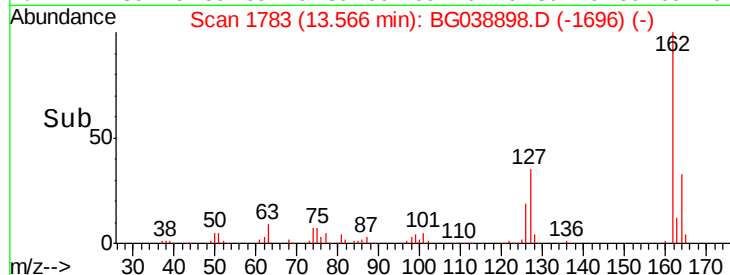
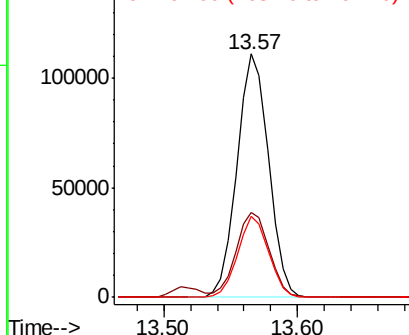
#47
 2-Chloronaphthalene
 Concen: 38.747 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:162 Resp: 181214
 Ion Ratio Lower Upper
 162 100
 127 35.1 27.8 41.8
 164 33.2 26.9 40.3

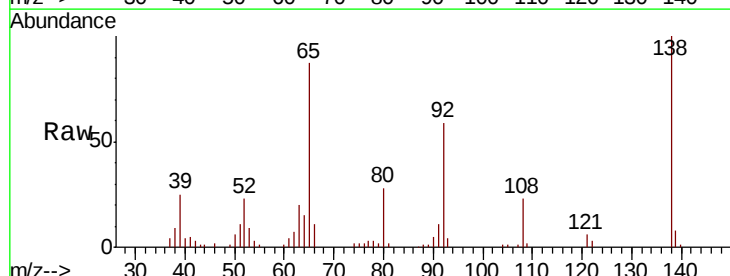


Abundance Ion 162.00 (161.70 to 162.70): E
 150000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

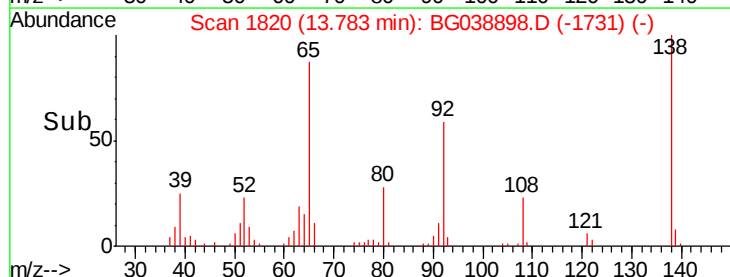
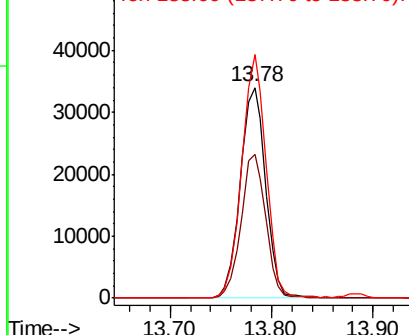


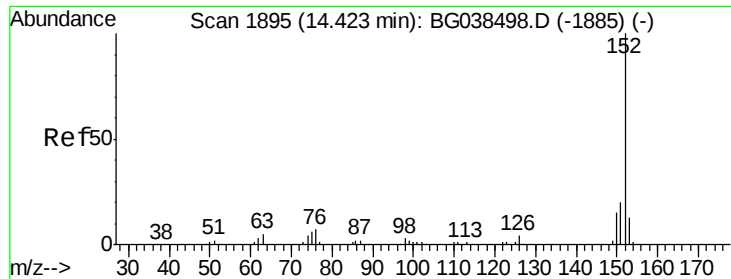
#48
 2-Nitroaniline
 Concen: 39.555 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion: 65 Resp: 58924
 Ion Ratio Lower Upper
 65 100
 92 68.1 50.0 75.0
 138 115.5 76.9 115.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
 50000 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.508 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

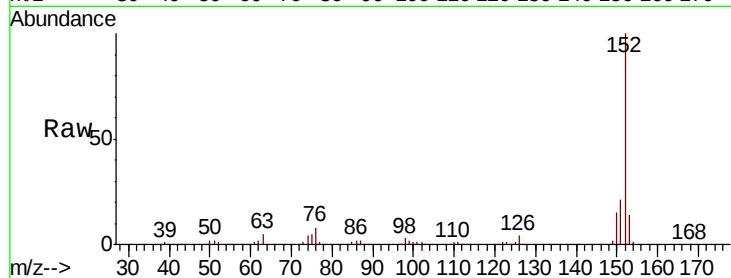
Tot Ion:152 Resp: 304192

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

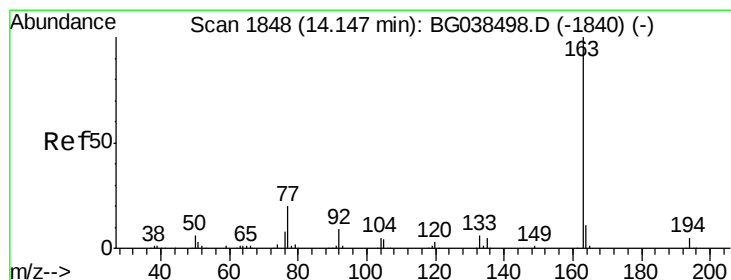
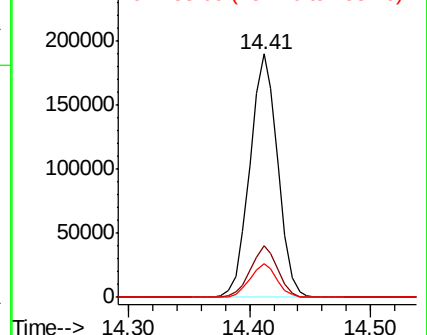
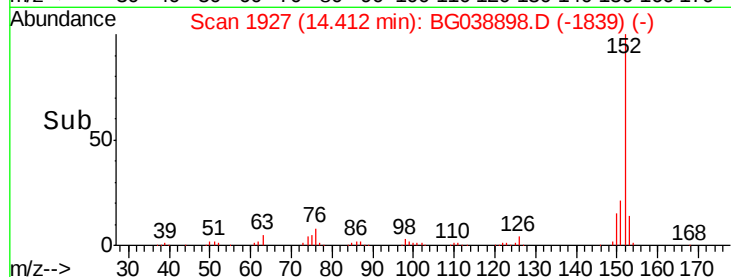
153 13.8 10.4 15.6



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: 42.870 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

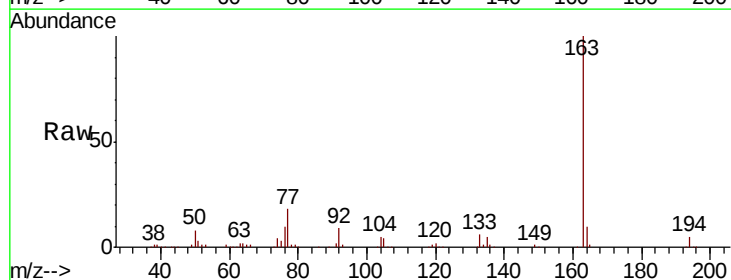
Tgt Ion:163 Resp: 252842

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

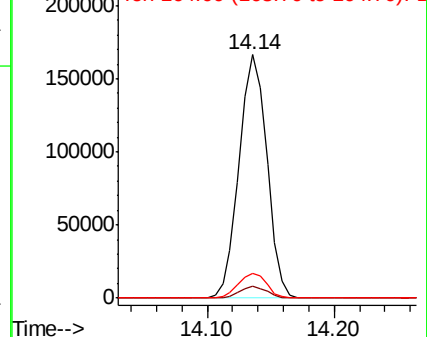
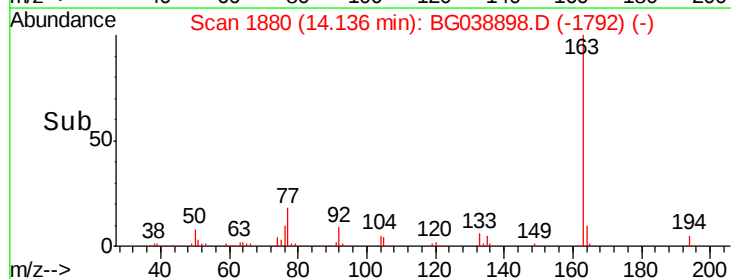
164 10.1 8.6 12.8

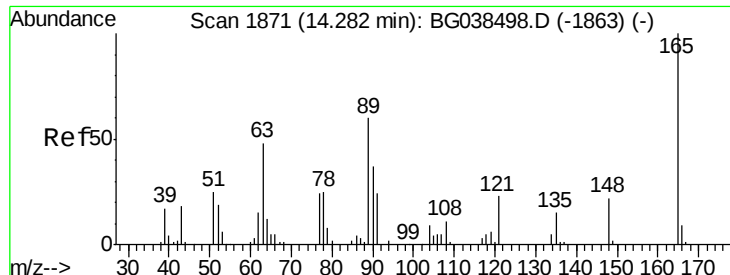


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

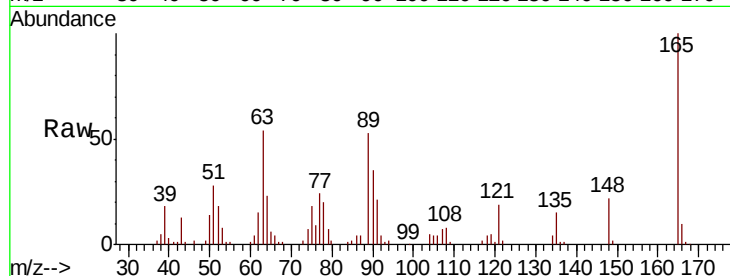




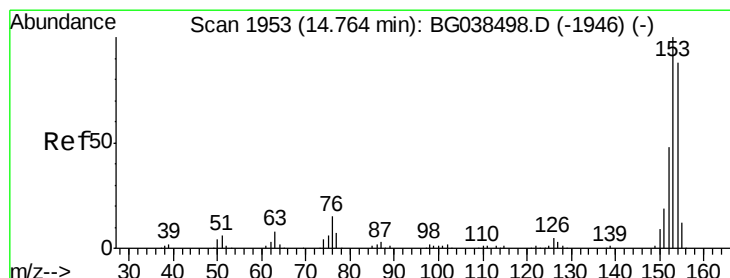
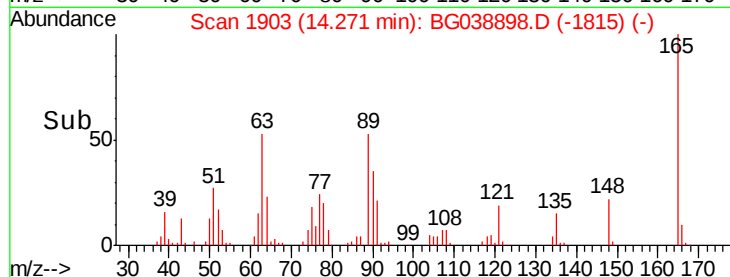
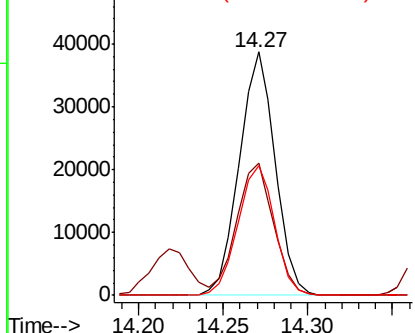
#51
 2,6-Dinitrotoluene
 Concen: 42.802 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:165 Resp: 57207
 Ion Ratio Lower Upper
 165 100
 63 54.2 51.8 77.6
 89 53.1 47.9 71.9

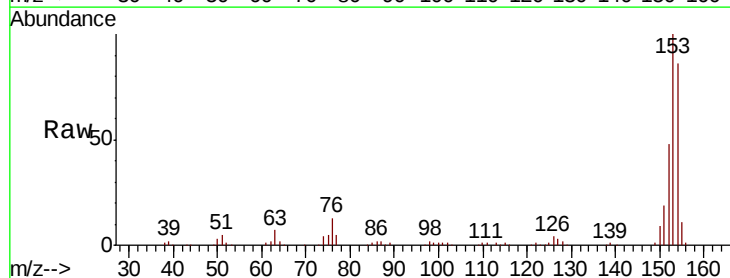


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

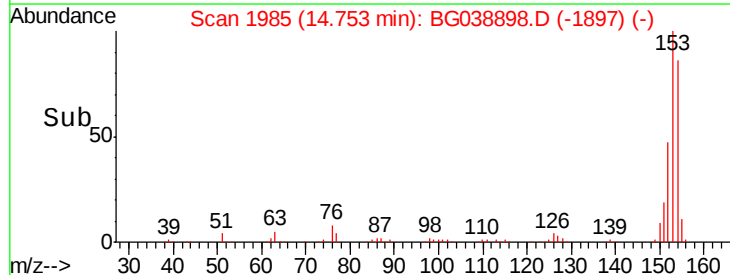
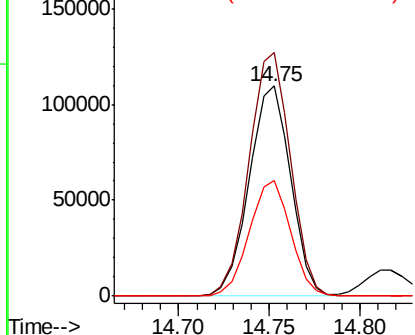


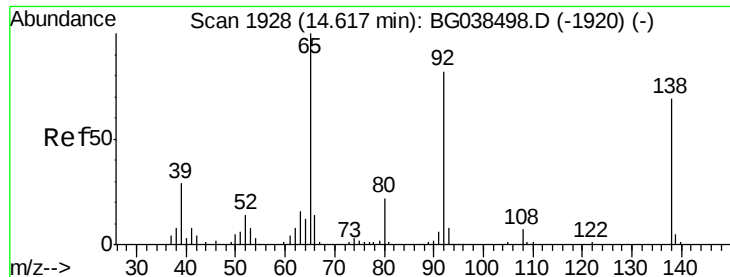
#52
 Acenaphthene
 Concen: 41.664 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:154 Resp: 174186
 Ion Ratio Lower Upper
 154 100
 153 115.8 90.6 136.0
 152 55.1 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

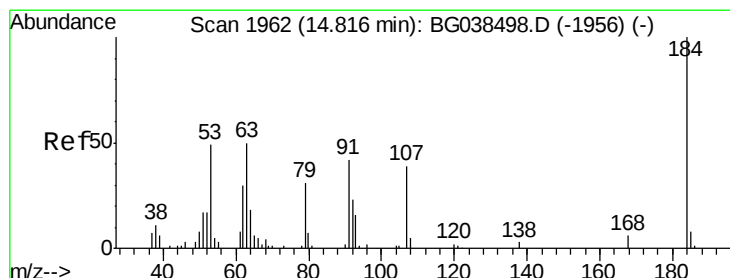
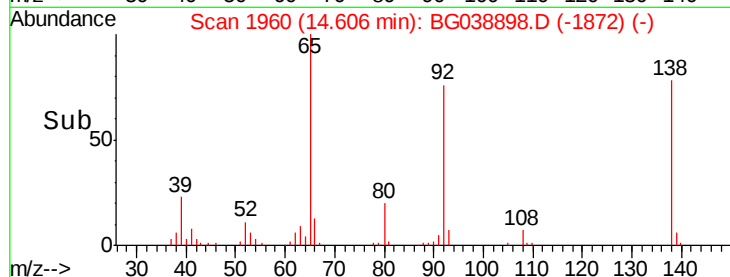
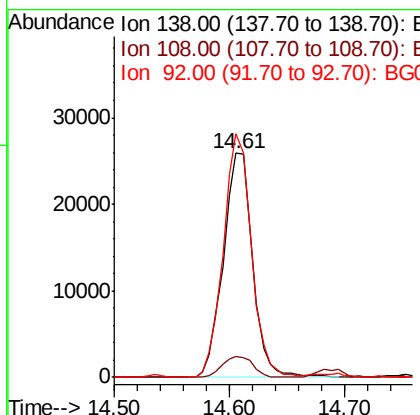
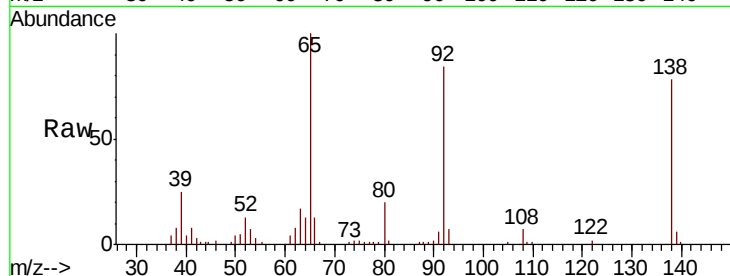




#53
3-Nitroaniline
Concen: 33.388 ng
RT: 14.61 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

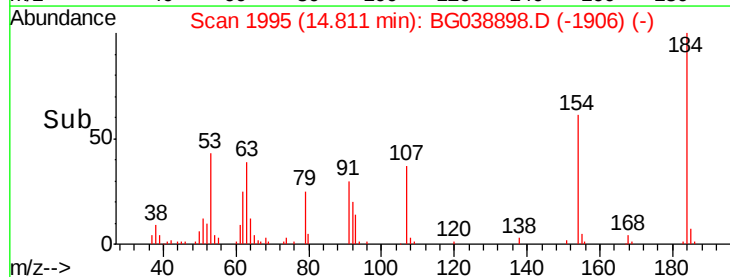
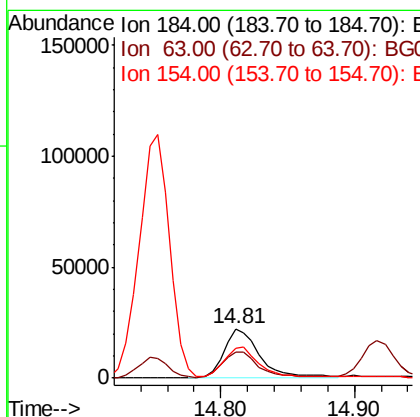
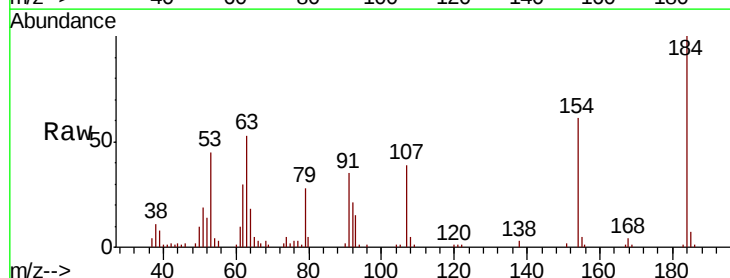
Instrument :
BNA_G
ClientSampleId :
PB116088BSD

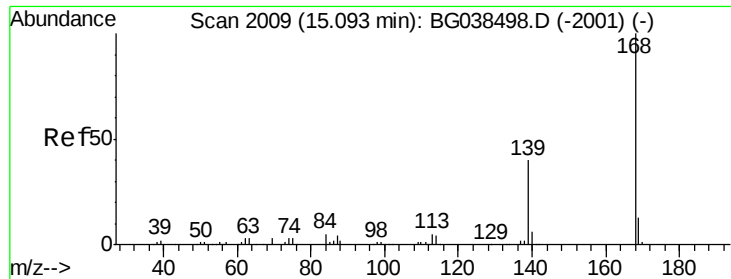
Tot Ion:138 Resp: 45490
Ion Ratio Lower Upper
138 100
108 9.4 7.9 11.9
92 108.6 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 54.640 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:184 Resp: 42056
Ion Ratio Lower Upper
184 100
63 53.3 47.0 70.6
154 60.8 50.3 75.5

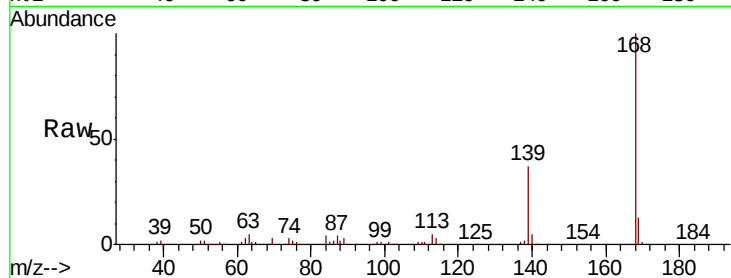




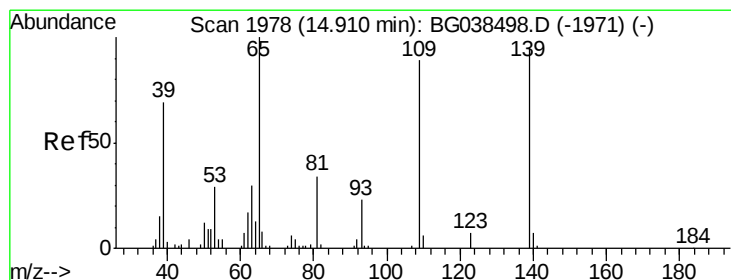
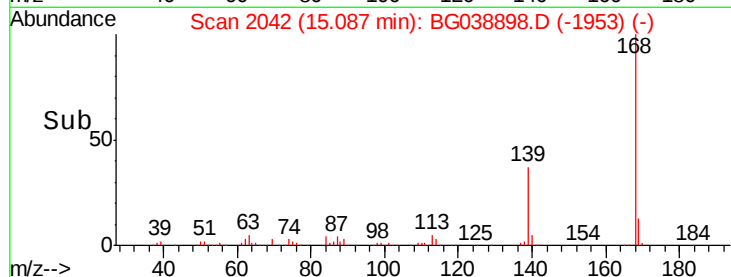
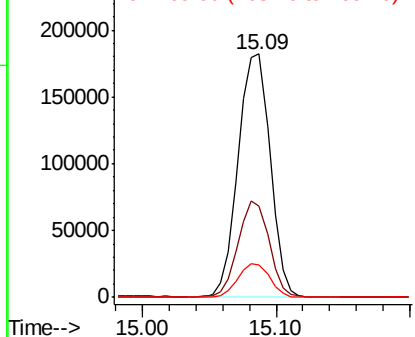
#55
Dibenzenofuran
Concen: 42.369 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:168 Resp: 303637
Ion Ratio Lower Upper
168 100
139 37.4 32.2 48.2
169 13.5 10.6 16.0

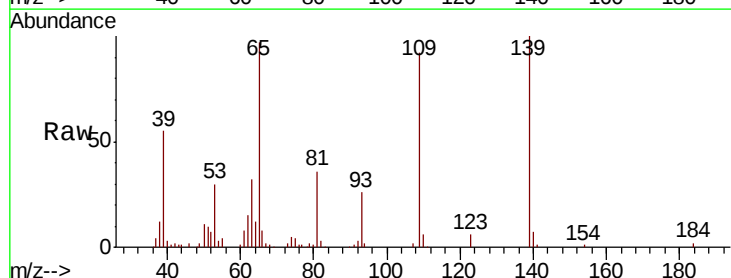


Abundance Ion 168.00 (167.70 to 168.70): E
250000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

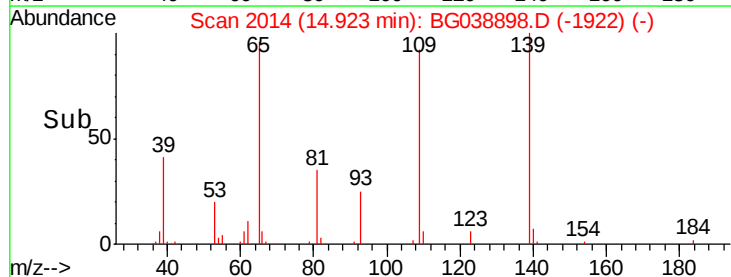
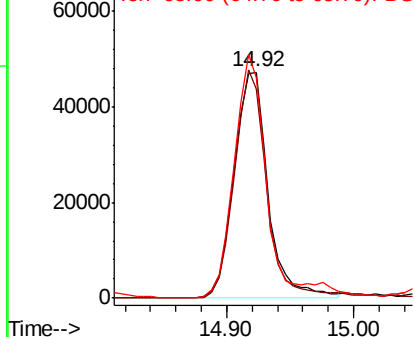


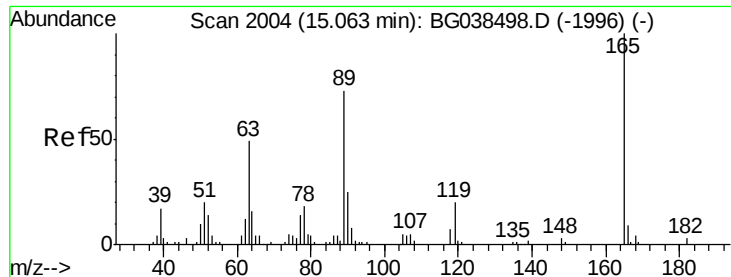
#56
4-Nitrophenol
Concen: 84.713 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:139 Resp: 87559
Ion Ratio Lower Upper
139 100
109 92.3 73.6 113.6
65 97.4 84.8 124.8



Abundance Ion 139.00 (138.70 to 139.70): E
60000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

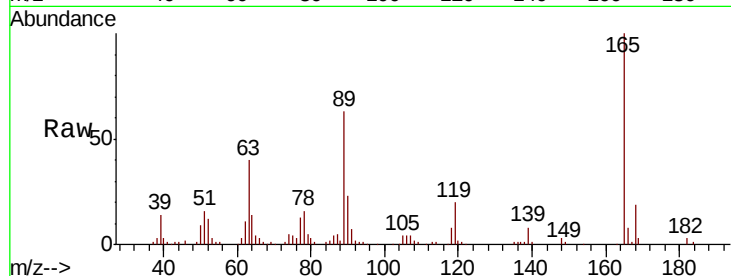




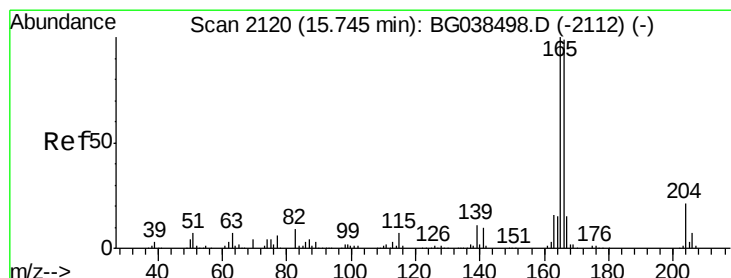
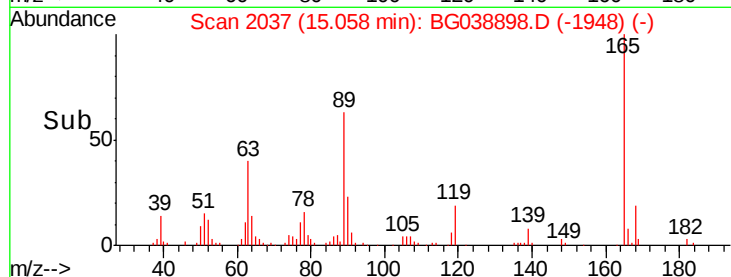
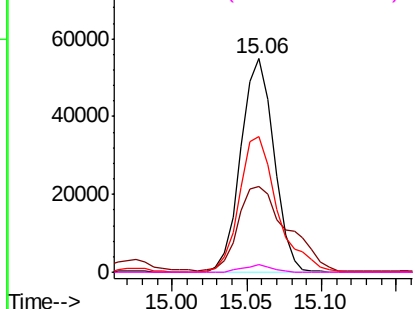
#57
2,4-Dinitrotoluene
Concen: 44.849 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:165 Resp: 84428
Ion Ratio Lower Upper
165 100
63 39.9 39.0 58.4
89 63.5 58.0 87.0
182 3.5 2.3 3.5

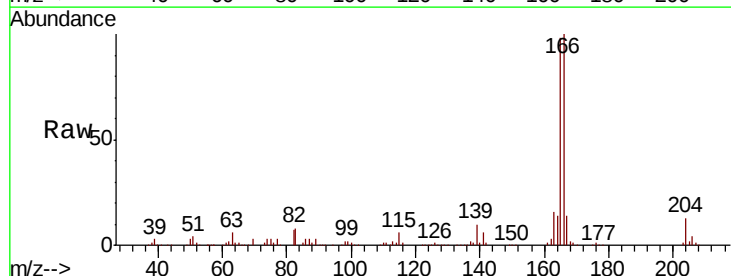


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

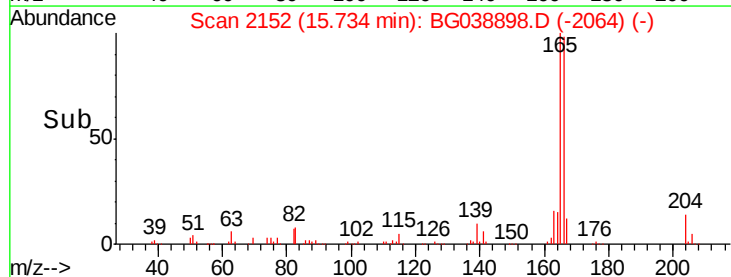
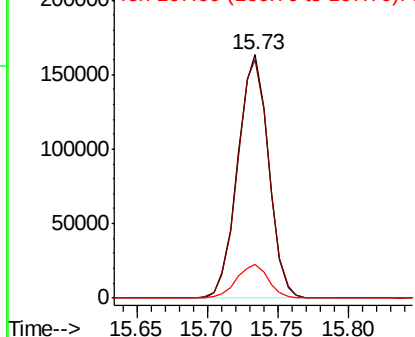


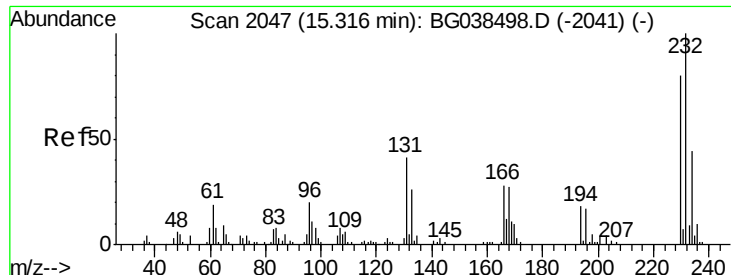
#58
Fluorene
Concen: 46.888 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:166 Resp: 248952
Ion Ratio Lower Upper
166 100
165 97.8 80.6 120.8
167 13.9 12.0 18.0



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

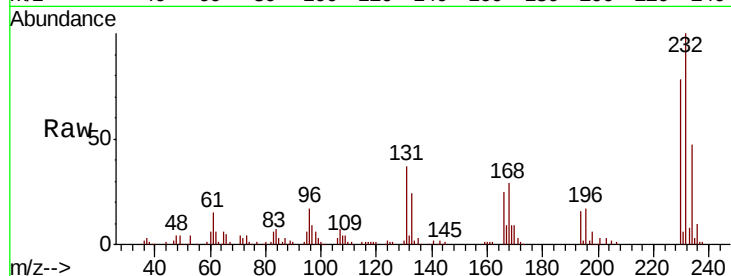




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.132 ng
 RT: 15.31 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.9	33.0	49.4
130	2.4	2.0	3.0
166	26.7	23.1	34.7



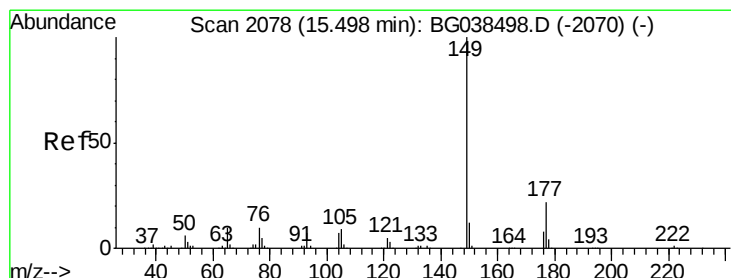
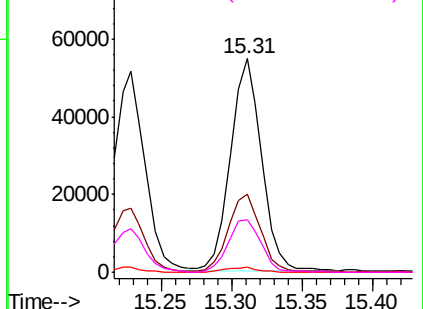
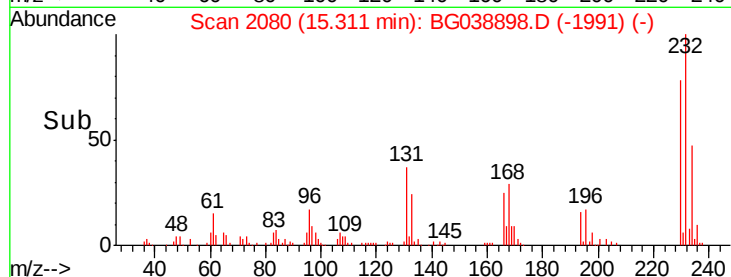
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

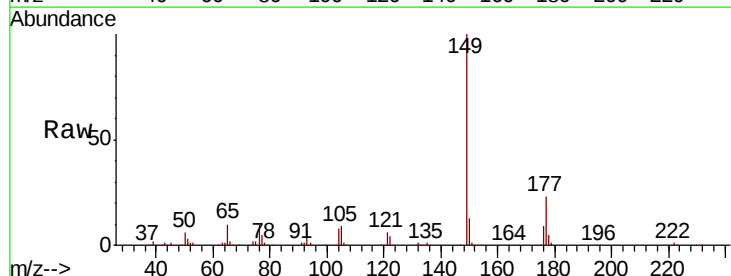
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 41.100 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.7	26.5
150	13.1	9.9	14.9

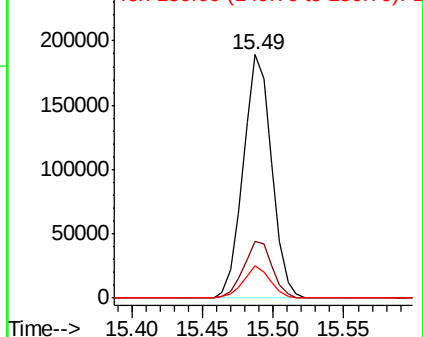
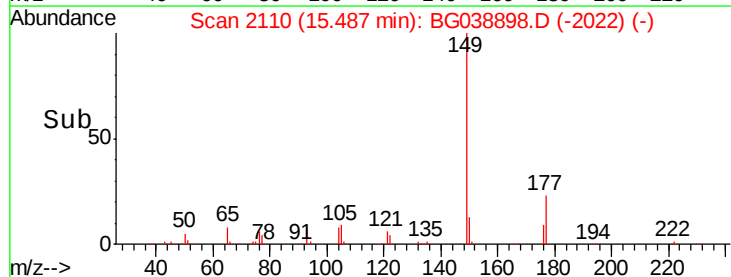


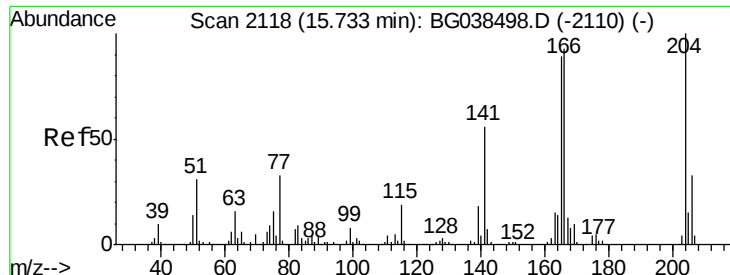
Abundance

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

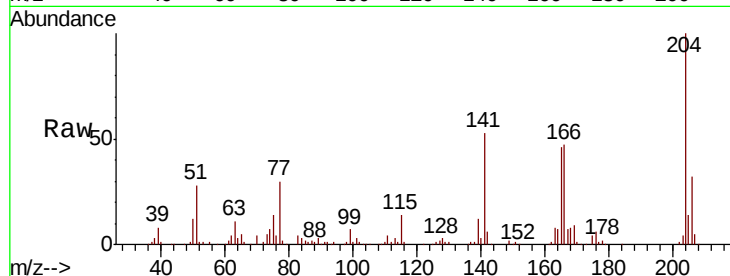




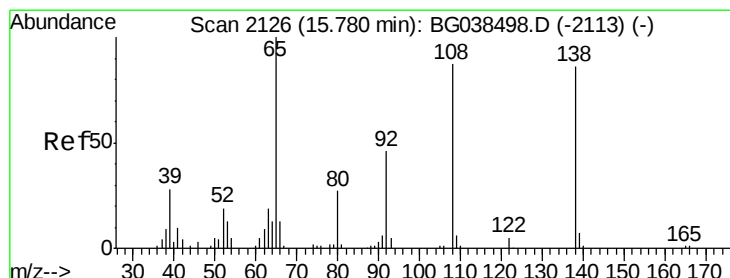
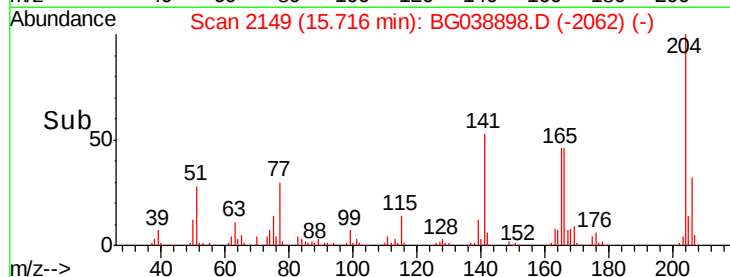
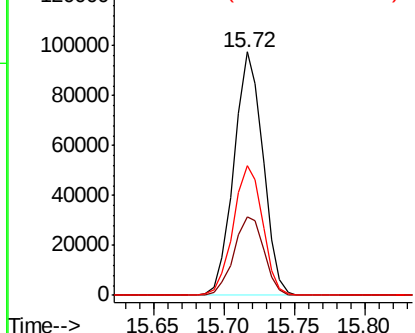
#61
4-Chlorophenyl-phenylether
Concen: 42.247 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Instrument :
BNA_G
ClientSampleId :
PB116088BSD

Tot Ion:204 Resp: 139956
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 53.2 44.4 66.6

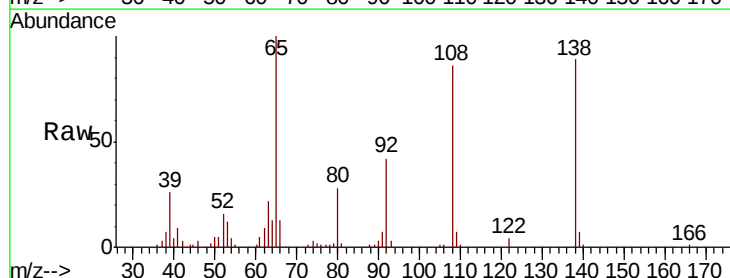


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

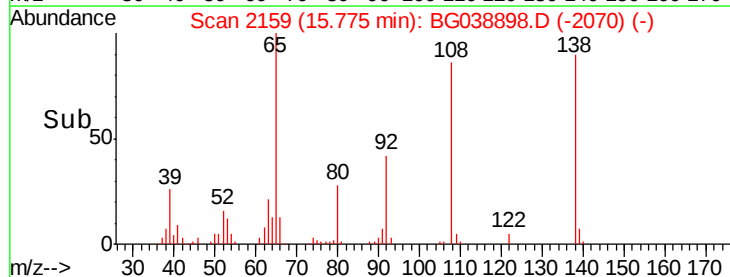
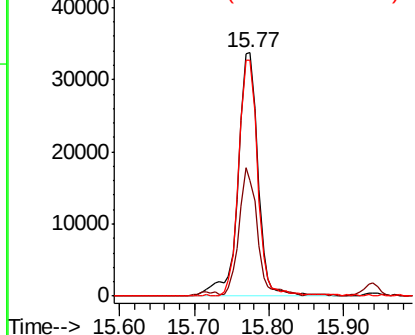


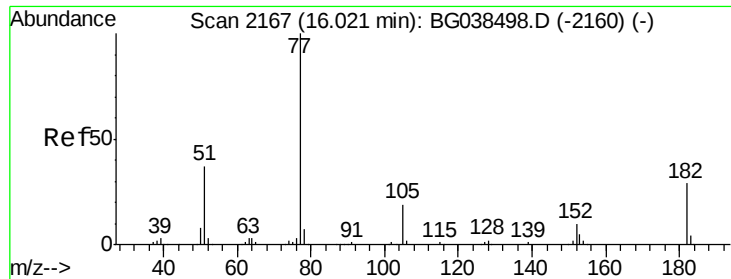
#62
4-Nitroaniline
Concen: 44.800 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:138 Resp: 62840
Ion Ratio Lower Upper
138 100
92 47.4 33.3 73.3
108 96.7 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: 39.480 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

Tot Ion: 77 Resp: 213541

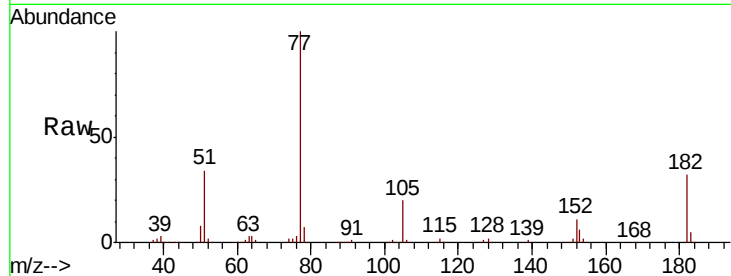
Ion Ratio Lower Upper

77 100

182 31.8 8.7 48.7

105 20.0 0.0 38.7

51 34.2 16.6 56.6

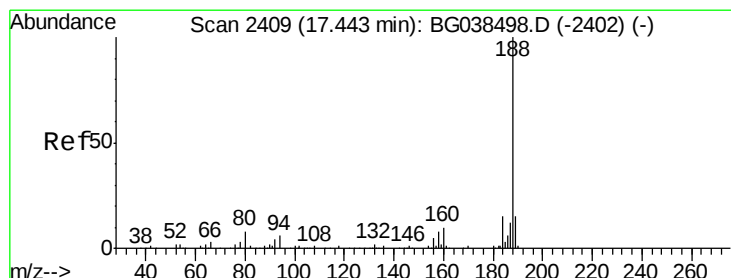
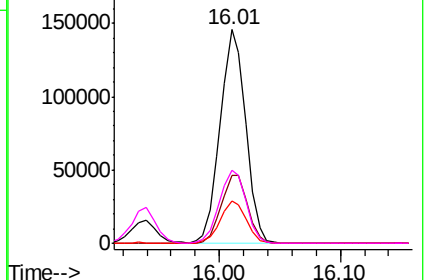
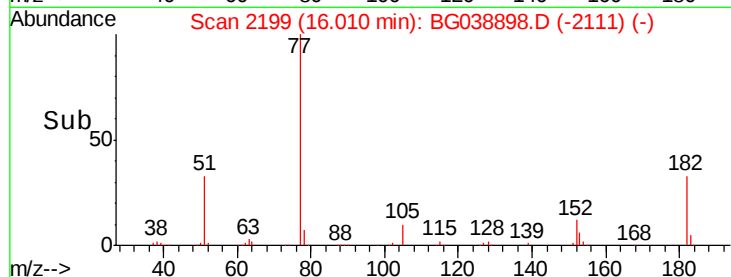


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

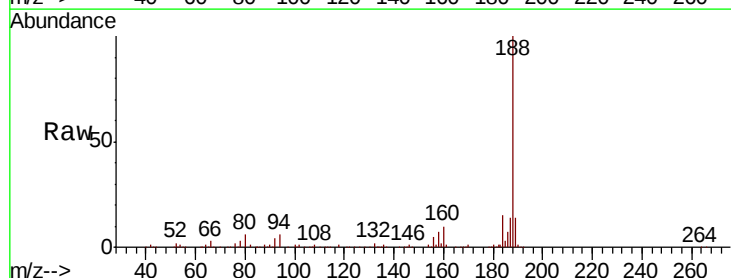
Tgt Ion: 188 Resp: 194035

Ion Ratio Lower Upper

188 100

94 6.0 5.1 7.7

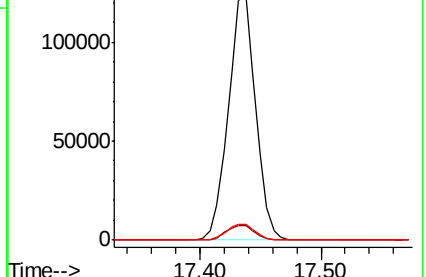
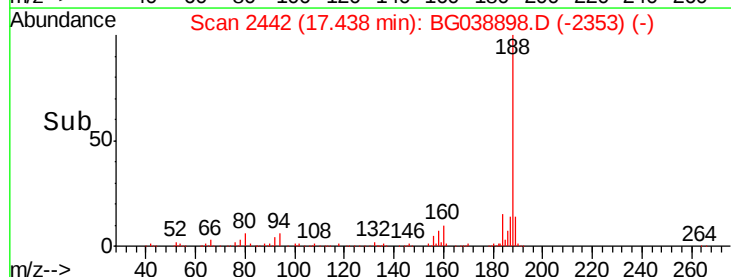
80 6.2 6.1 9.1

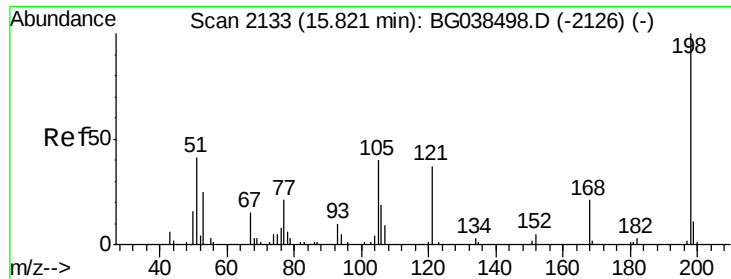


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

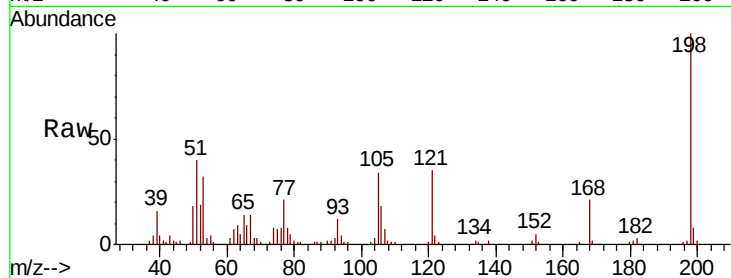




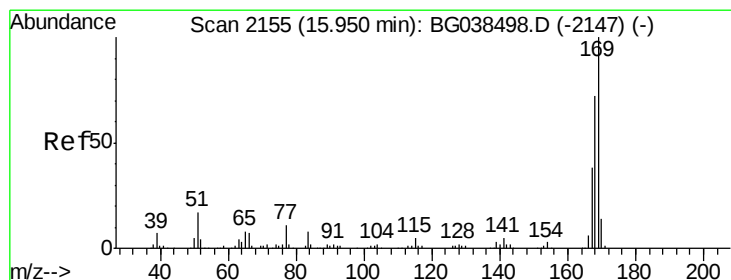
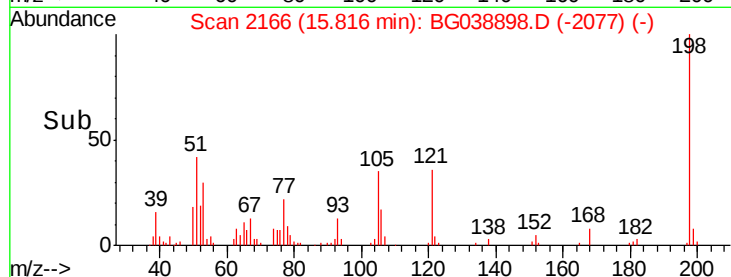
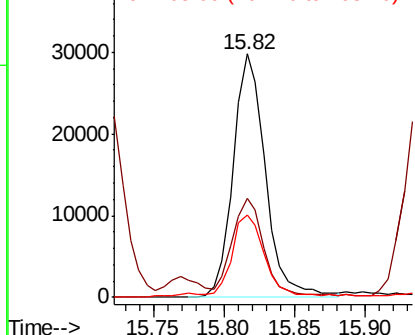
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.319 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

Tot Ion:198 Resp: 47503
 Ion Ratio Lower Upper
 198 100
 51 40.5 28.6 68.6
 105 33.9 20.4 60.4

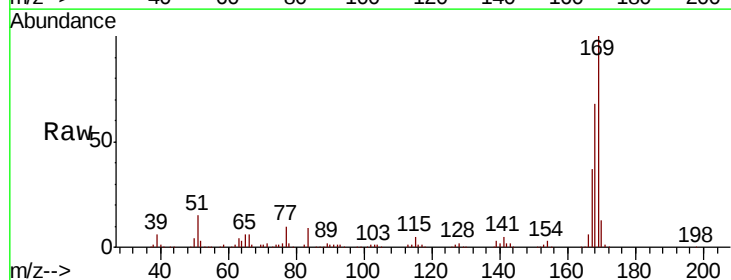


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

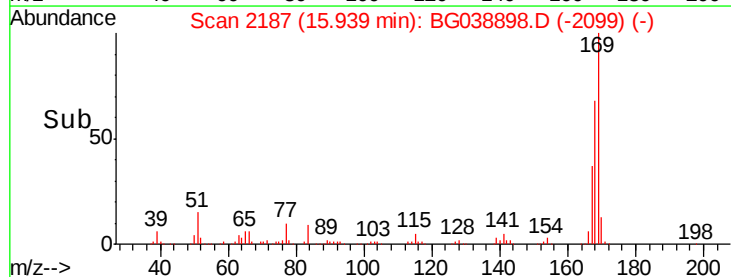
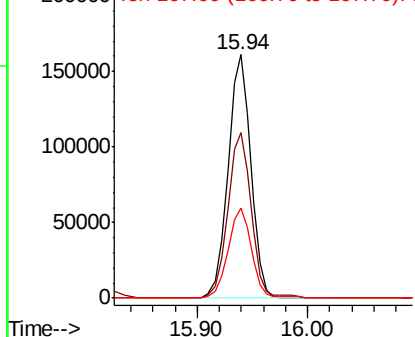


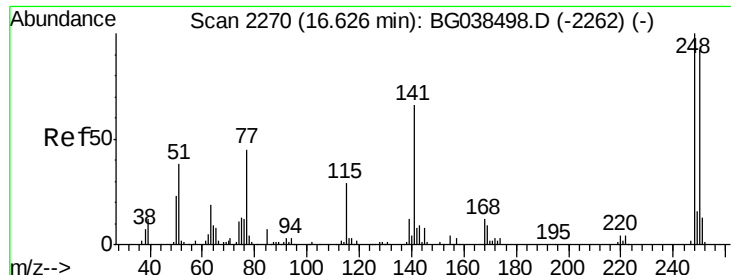
#66
 n-Nitrosodiphenylamine
 Concen: 40.736 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion:169 Resp: 232242
 Ion Ratio Lower Upper
 169 100
 168 68.2 57.5 86.3
 167 37.1 30.2 45.2



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





#67

4-Bromophenyl-phenylether

Concen: 41.543 ng

RT: 16.62 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

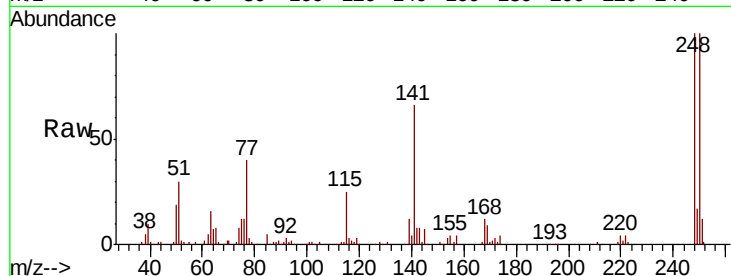
Tot Ion:248 Resp: 98446

Ion Ratio Lower Upper

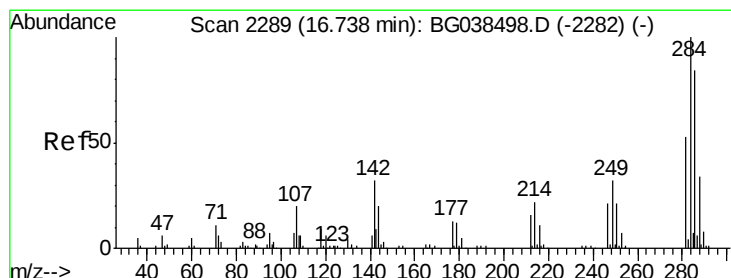
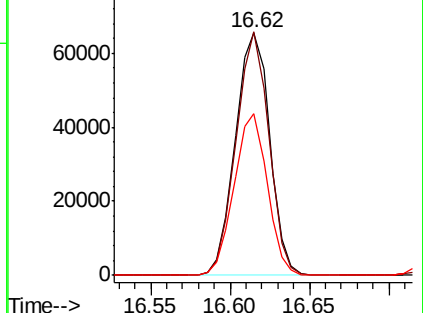
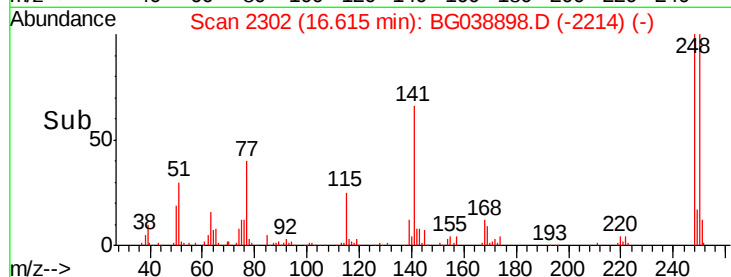
248 100

250 100.3 73.4 110.2

141 66.6 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: 42.934 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

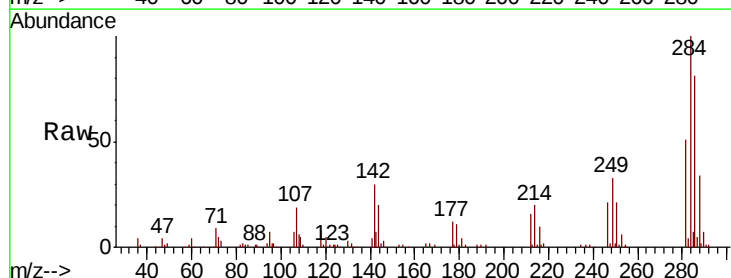
Tgt Ion:284 Resp: 105467

Ion Ratio Lower Upper

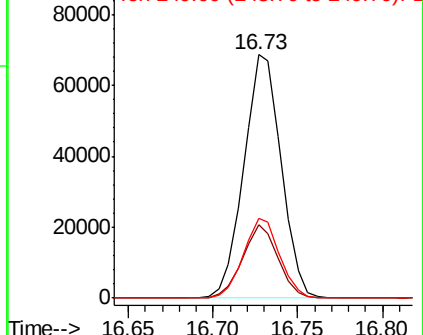
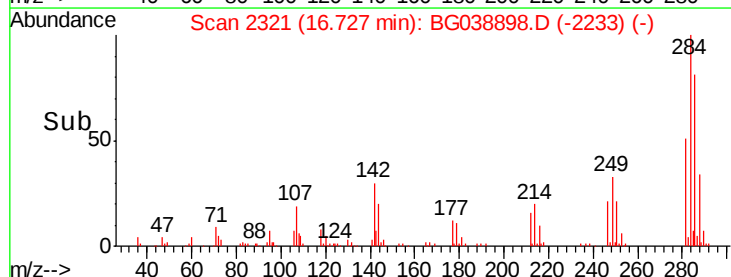
284 100

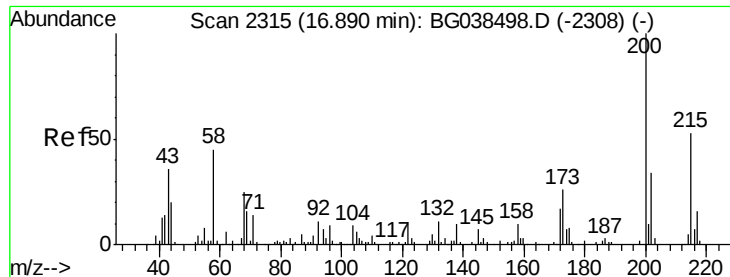
142 29.9 25.8 38.6

249 34.8 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: 45.632 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

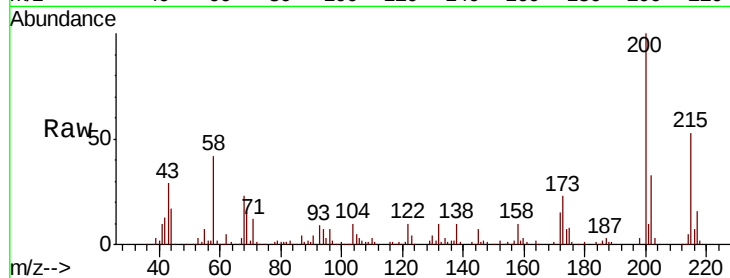
Tot Ion:200 Resp: 96548

Ion Ratio Lower Upper

200 100

173 23.0 5.9 45.9

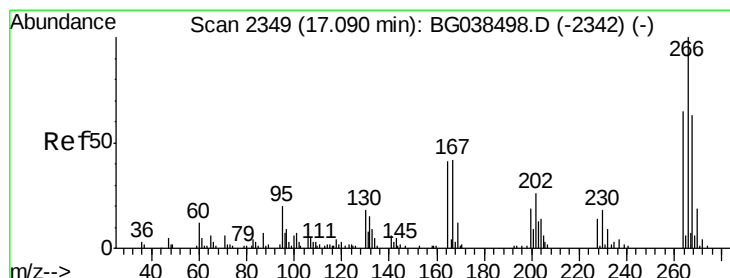
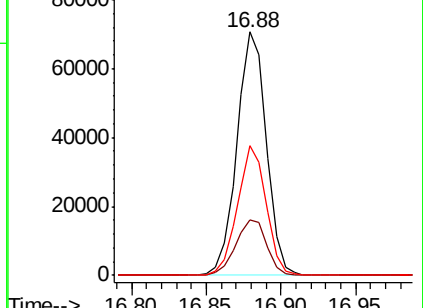
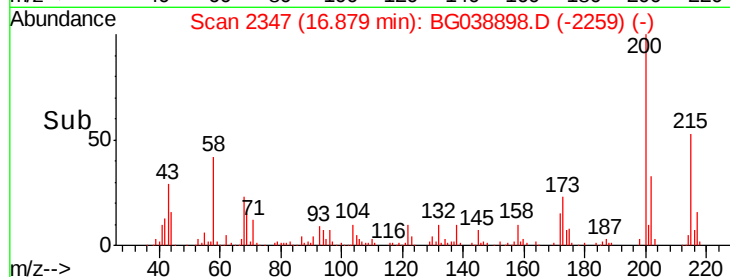
215 53.2 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 63.938 ng

RT: 17.08 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

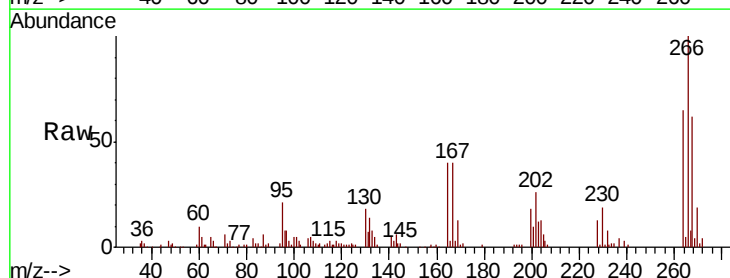
Tgt Ion:266 Resp: 92900

Ion Ratio Lower Upper

266 100

268 66.2 55.0 82.6

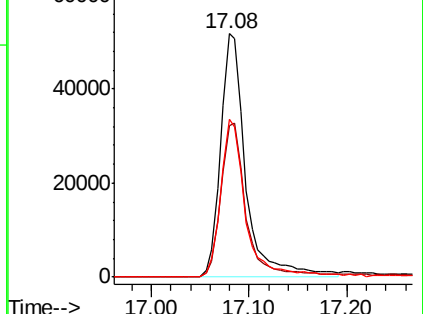
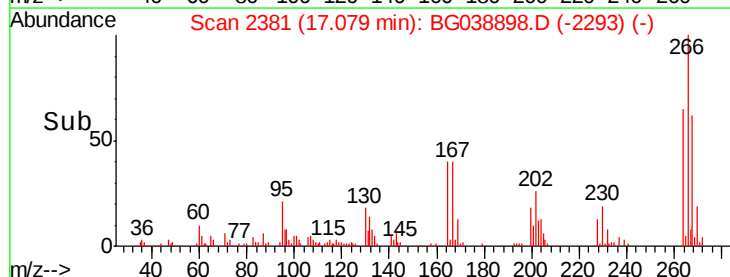
264 69.8 56.7 85.1

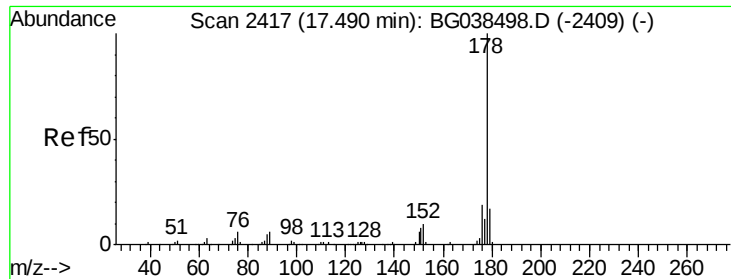


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

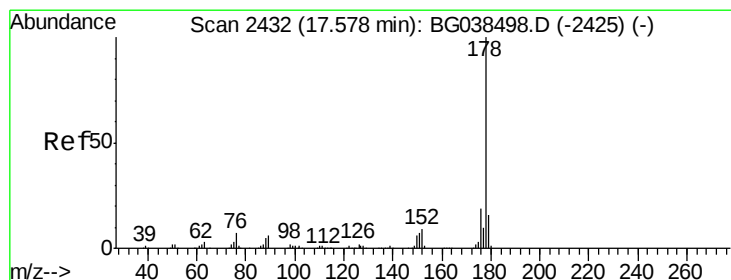
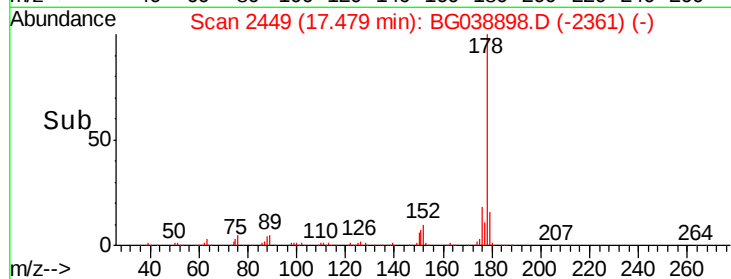
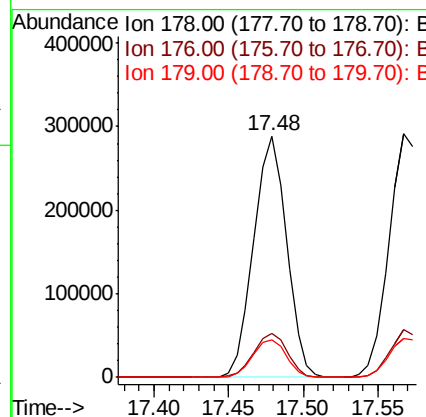
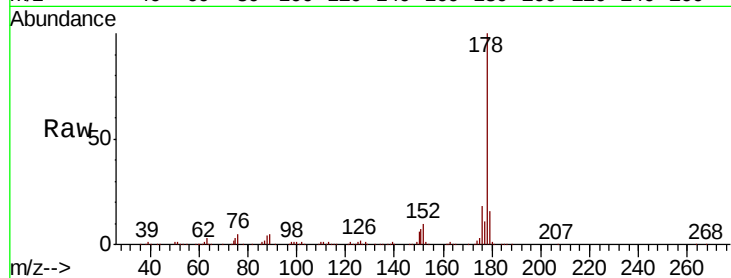




#71
Phenanthrene
Concen: 43.840 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

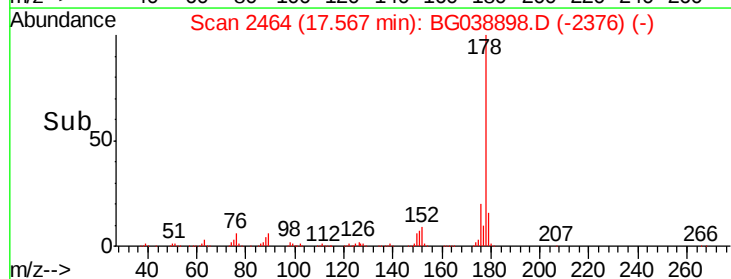
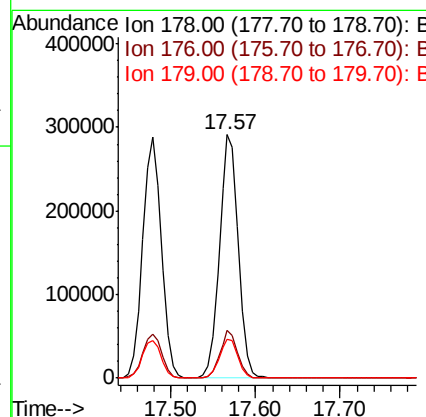
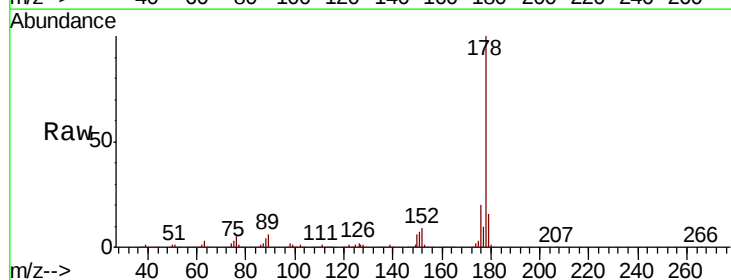
Instrument :
BNA_G
ClientSampleId :
PB116088BSD

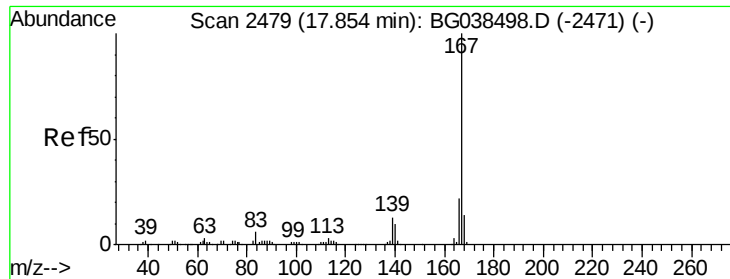
Tot Ion:178 Resp: 441116
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.7 13.2 19.8



#72
Anthracene
Concen: 45.845 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:178 Resp: 455394
Ion Ratio Lower Upper
178 100
176 19.6 15.1 22.7
179 16.0 12.9 19.3

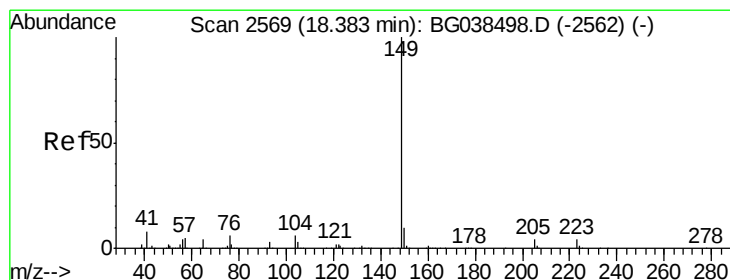
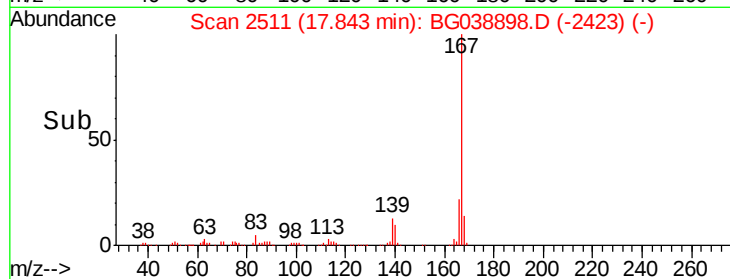
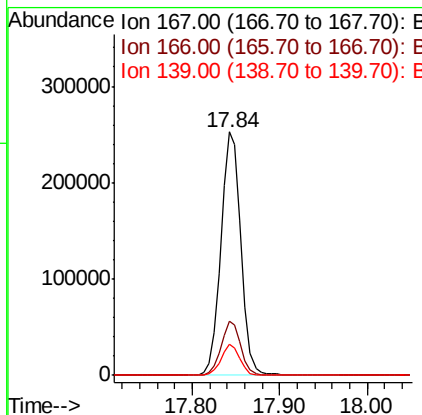
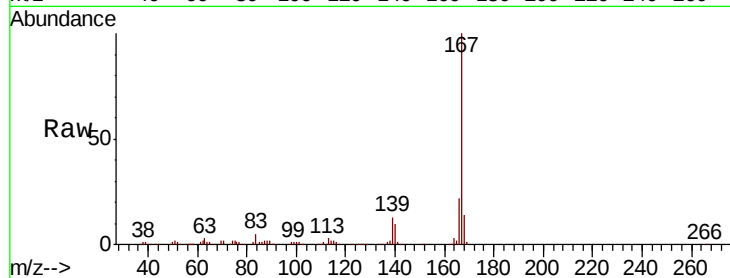




#73
 Carbazole
 Concen: 40.610 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

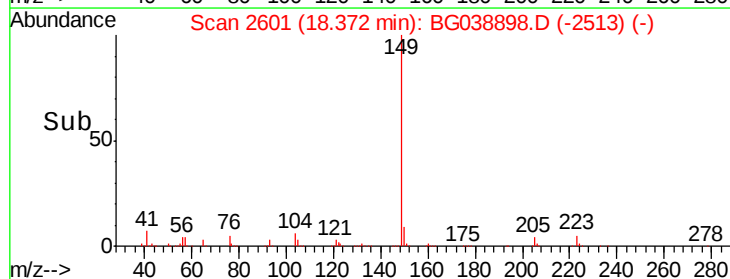
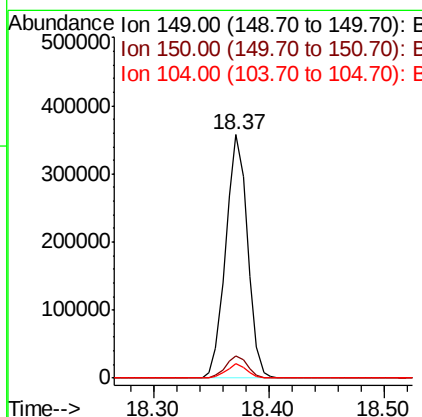
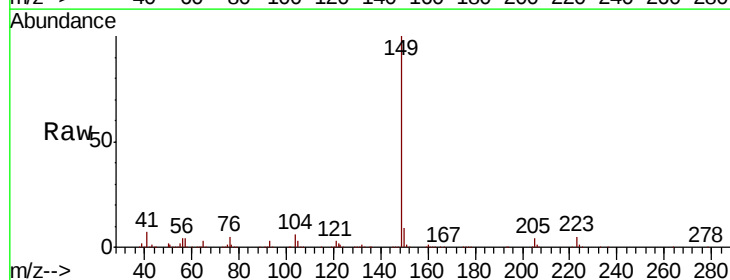
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

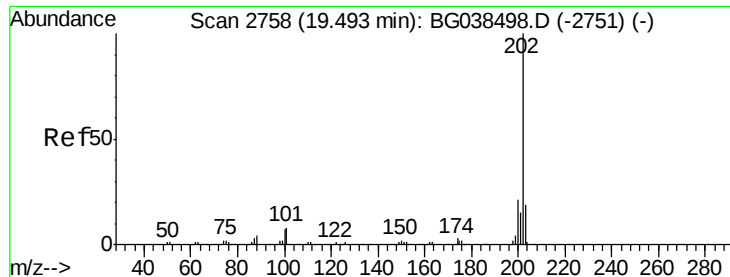
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	12.7	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.429 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.6	11.4
104	5.8	5.0	7.4





#75

Fluoranthene

Concen: 43.870 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

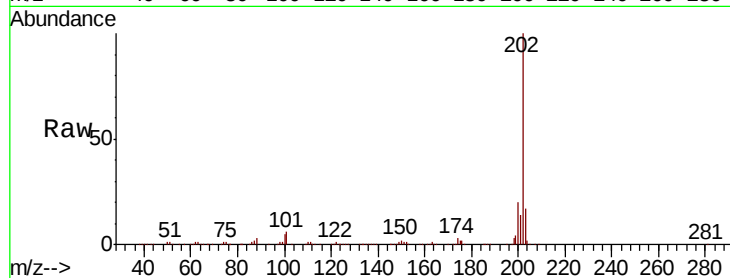
Tot Ion:202 Resp: 546158

Ion Ratio Lower Upper

202 100

101 6.4 0.0 28.1

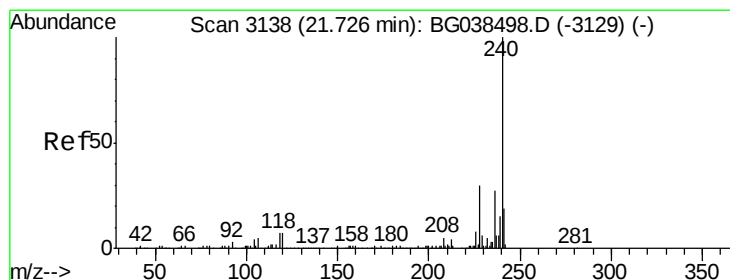
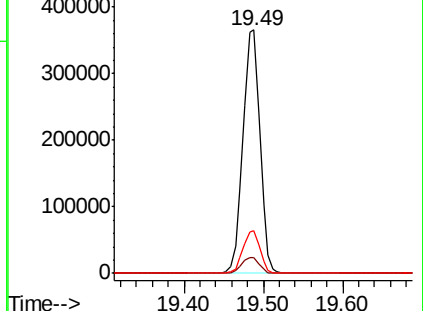
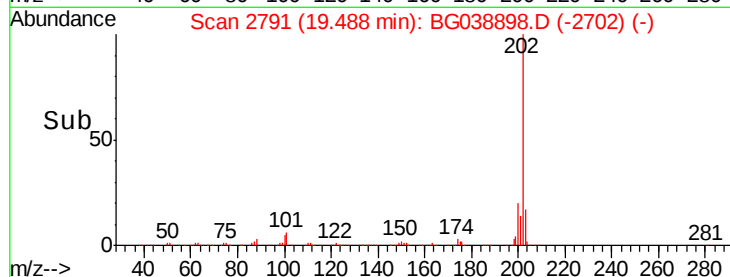
203 17.5 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

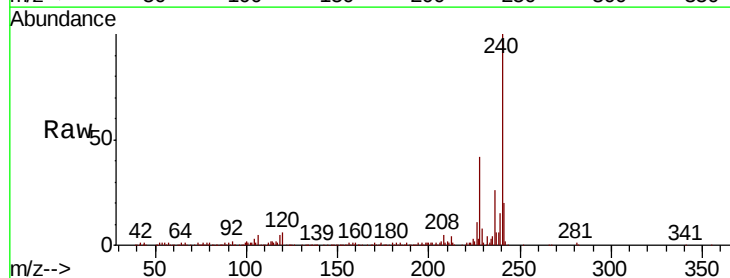
Tgt Ion:240 Resp: 193268

Ion Ratio Lower Upper

240 100

120 6.0 5.3 7.9

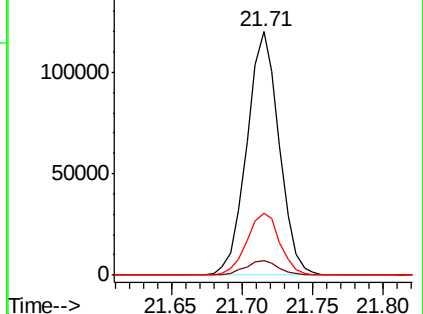
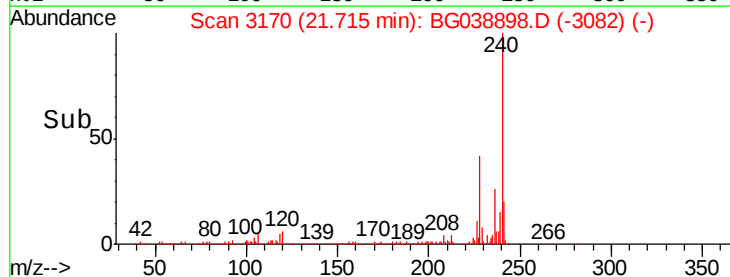
236 25.5 21.4 32.2

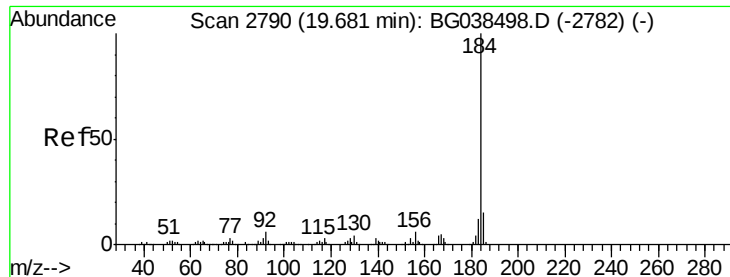


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.676 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

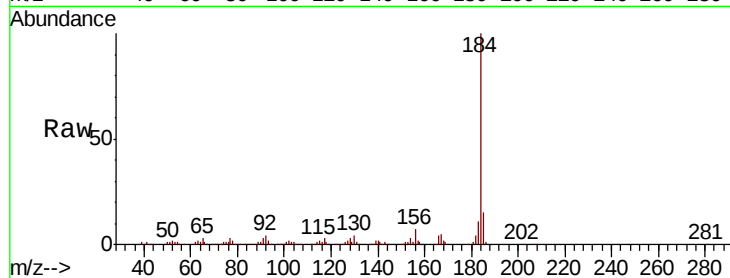
Tot Ion:184 Resp: 238211

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

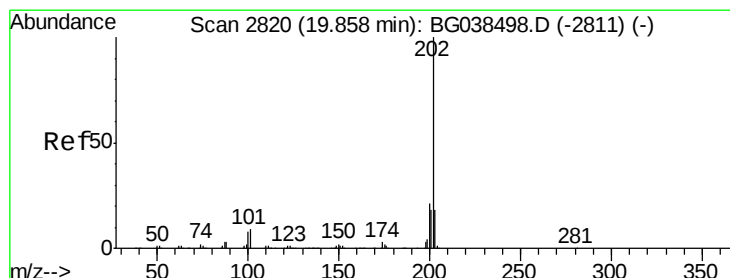
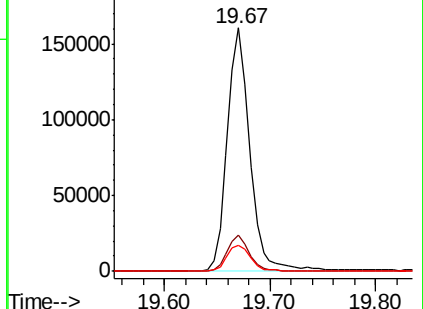
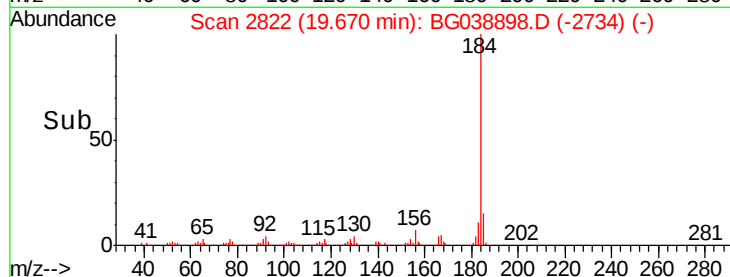
183 10.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.455 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

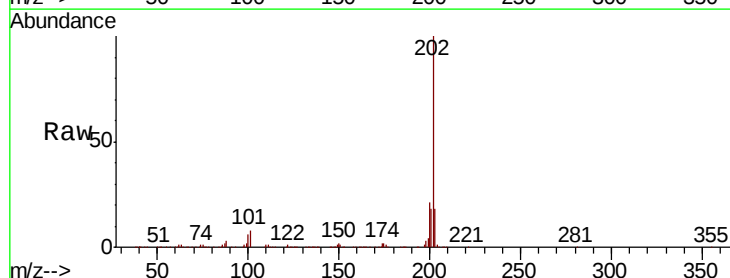
Tgt Ion:202 Resp: 542065

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

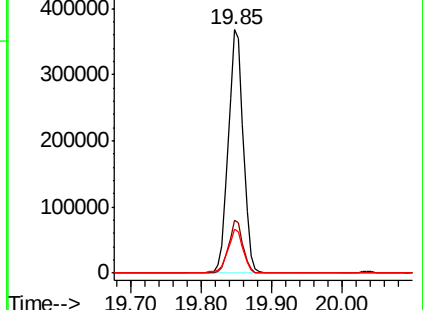
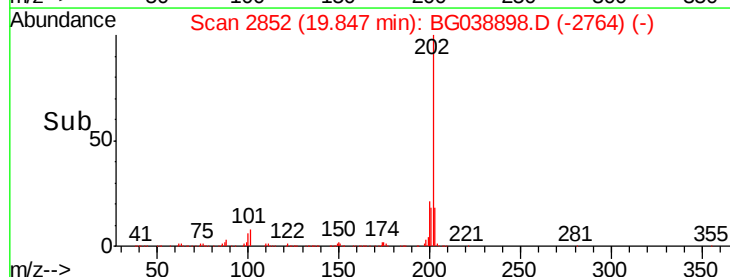
203 18.3 14.6 21.8

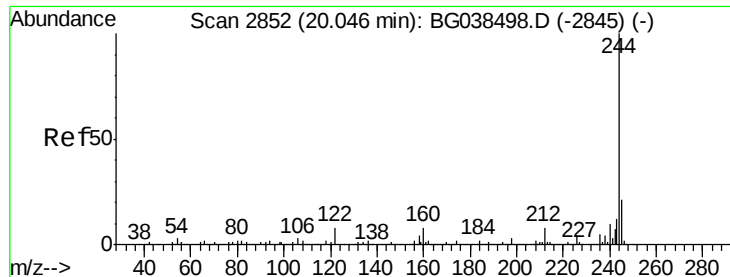


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.341 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

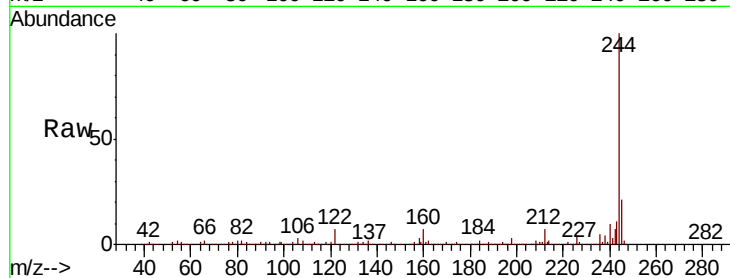
Tot Ion:244 Resp: 704583

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

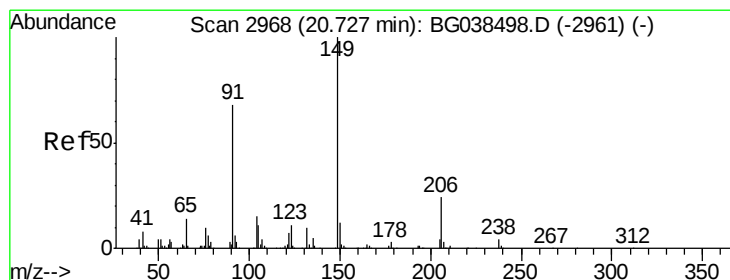
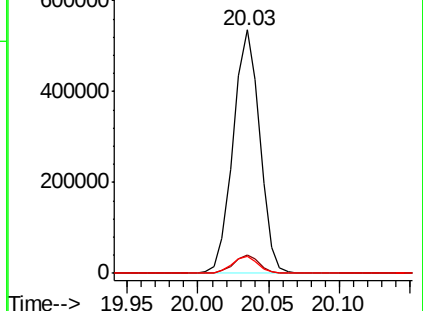
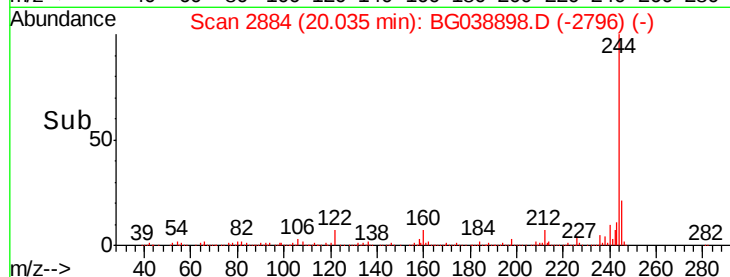
122 7.0 6.3 9.5



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: 40.253 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

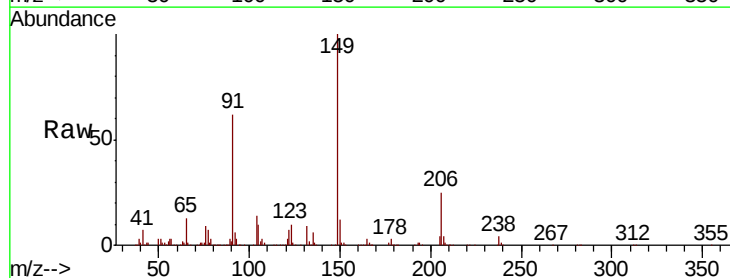
Tgt Ion:149 Resp: 200793

Ion Ratio Lower Upper

149 100

91 62.4 54.5 81.7

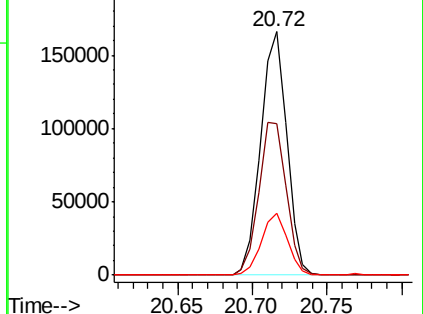
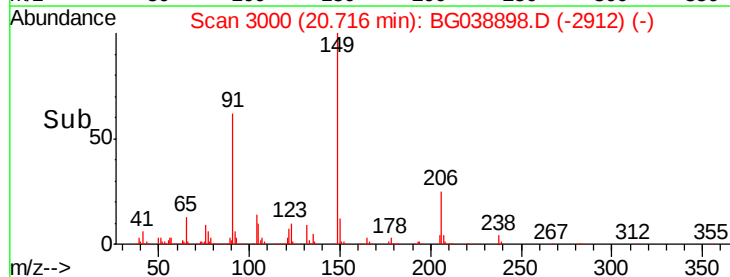
206 25.3 19.0 28.6

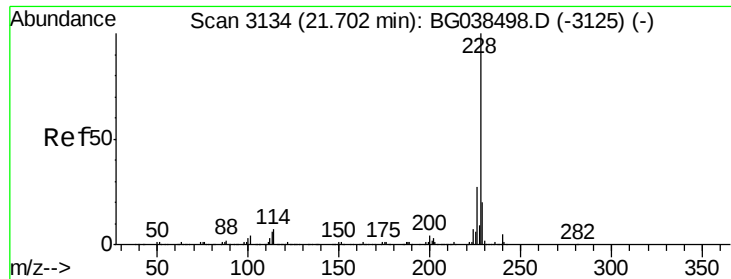


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.890 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

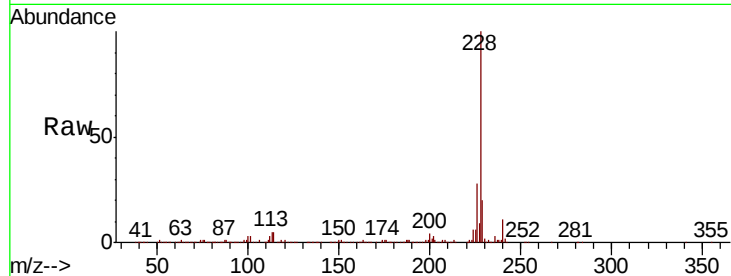
Tot Ion:228 Resp: 516882

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 19.9 15.8 23.6

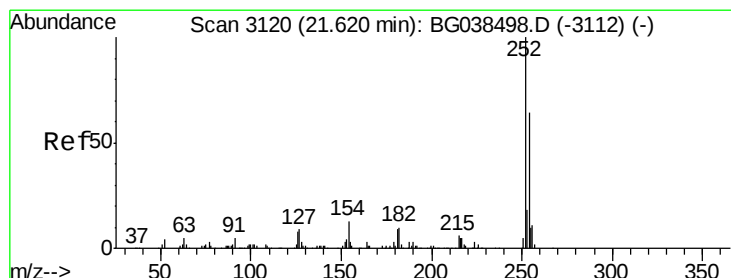
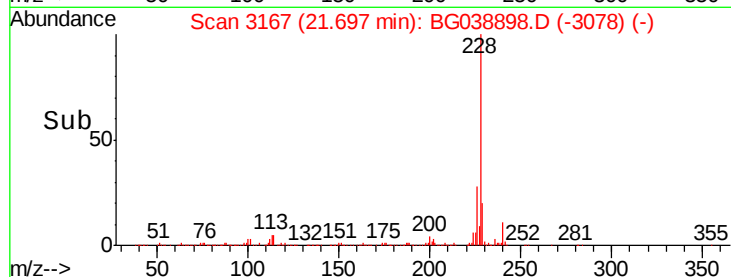
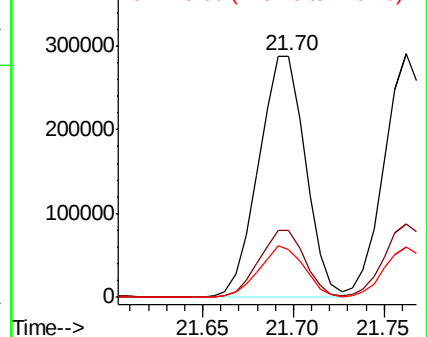


Abundance

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: 28.777 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

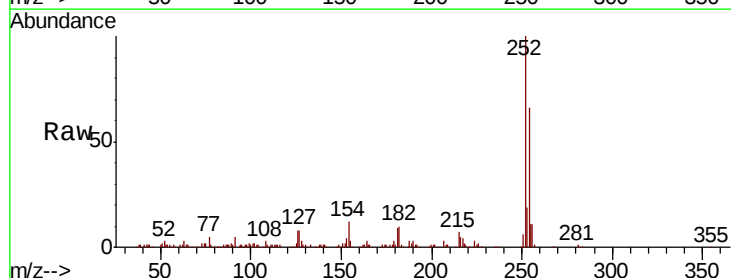
Tgt Ion:252 Resp: 134411

Ion Ratio Lower Upper

252 100

254 65.6 50.9 76.3

126 7.6 6.3 9.5

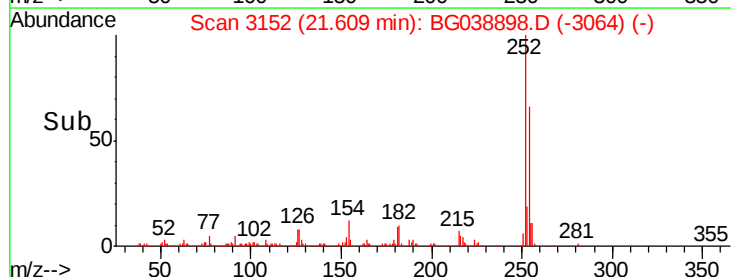
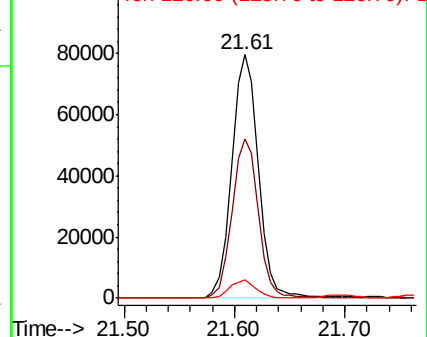


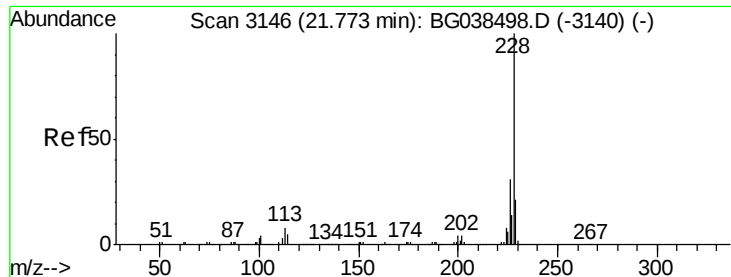
Abundance

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

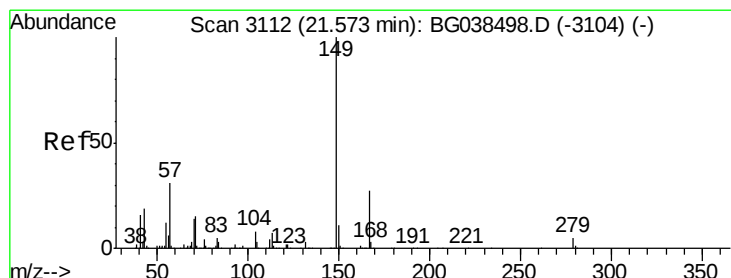
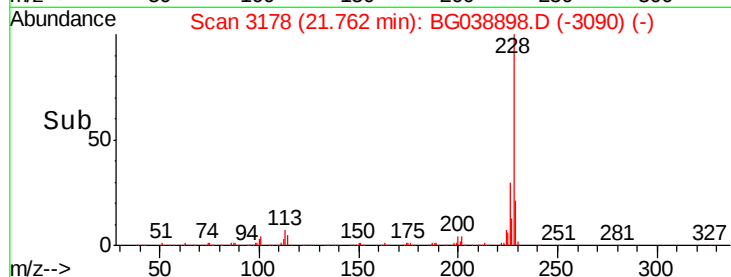
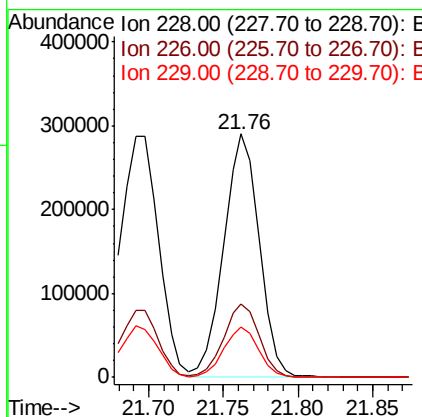
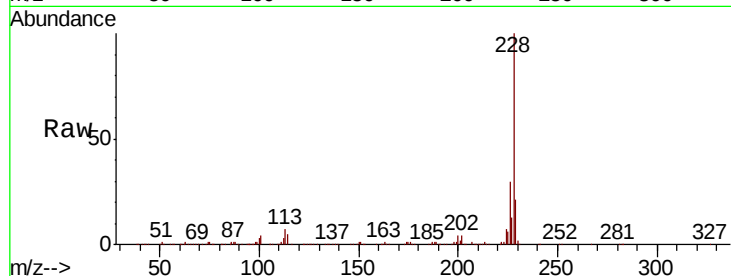




#83
 Chrysene
 Concen: 42.382 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.01 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

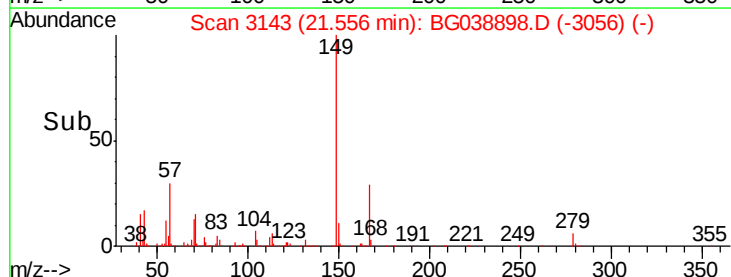
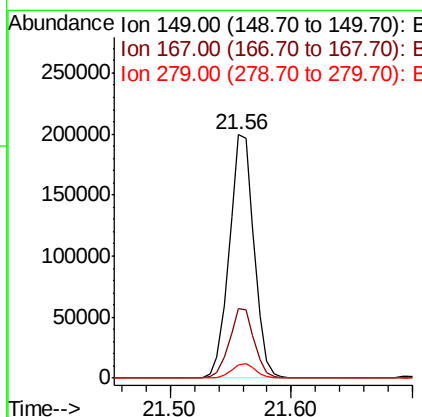
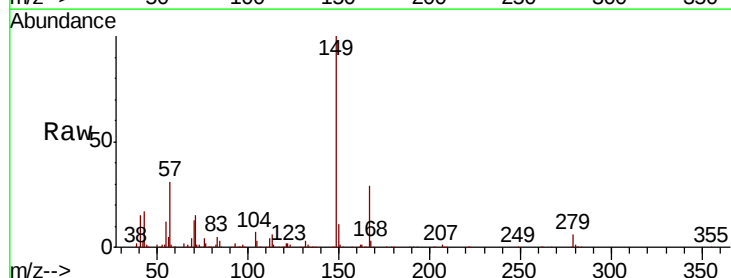
Instrument :
 BNA_G
 ClientSampleId :
 PB116088BSD

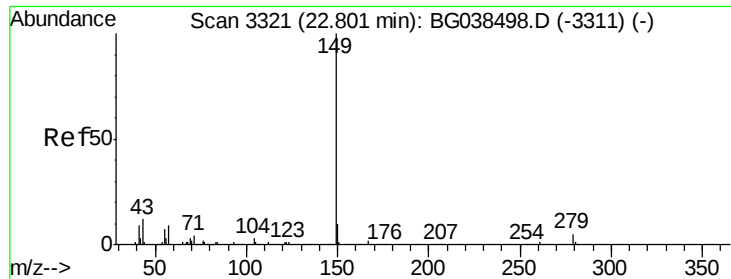
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.5	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.088 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG038898.D
 Acq: 2 Jan 2019 18:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.9	32.9
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 40.104 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

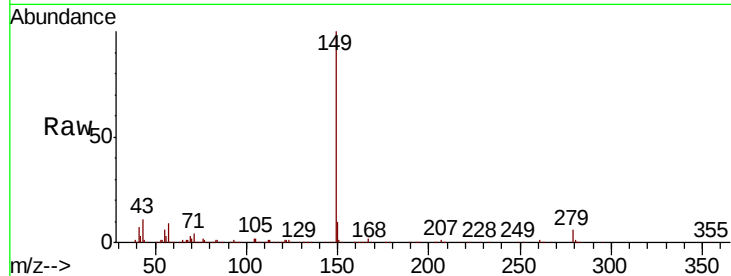
Tot Ion:149 Resp: 475165

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

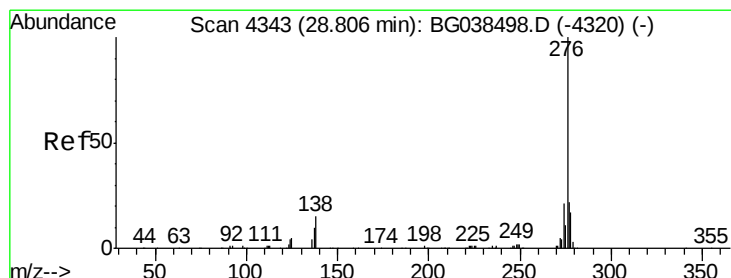
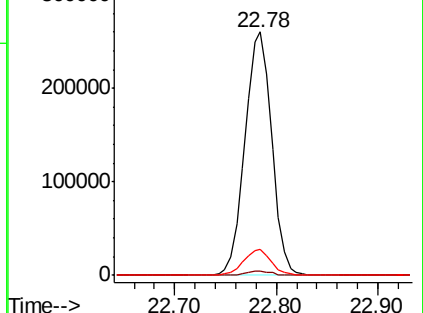
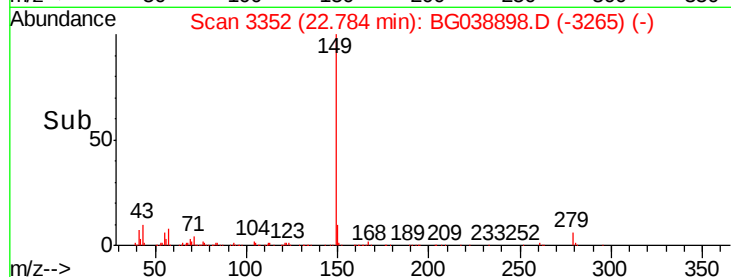
43 10.1 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.289 ng

RT: 28.78 min Scan# 4373

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

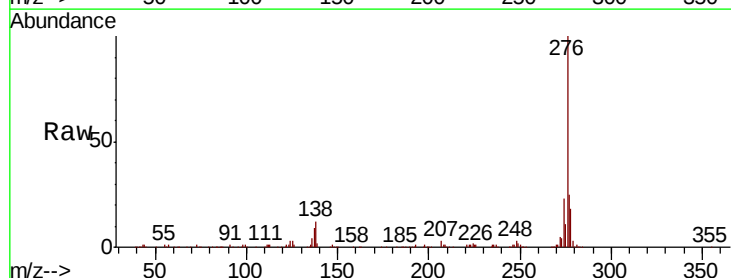
Tgt Ion:276 Resp: 577297

Ion Ratio Lower Upper

276 100

138 15.1 14.4 21.6

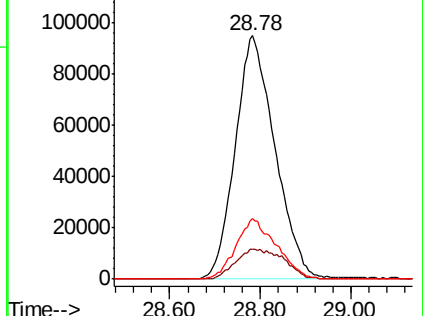
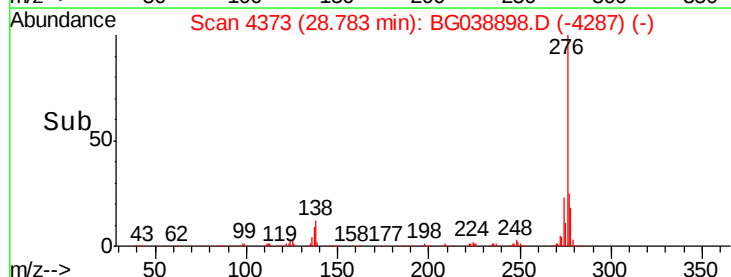
277 25.3 0.0 0.0#

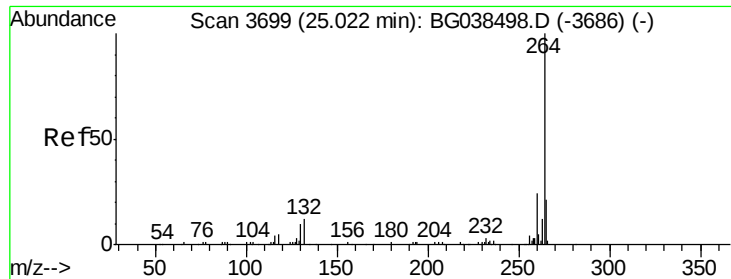


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

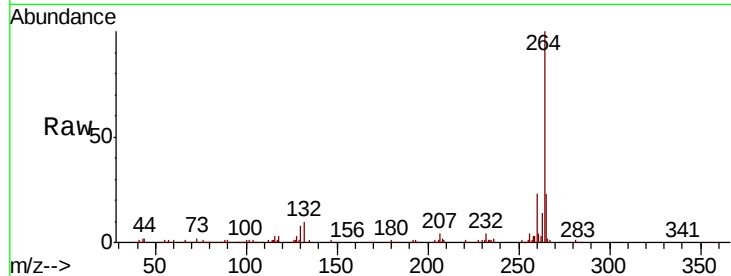
Tot Ion:264 Resp: 190388

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 23.1 17.0 25.4

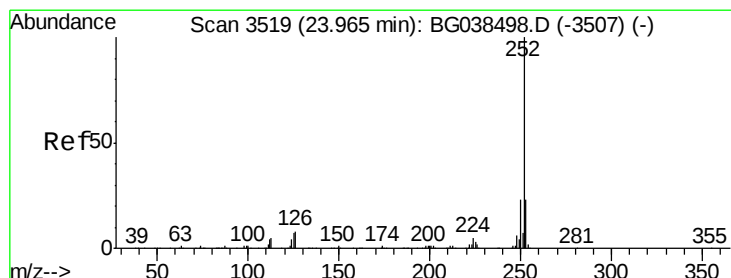
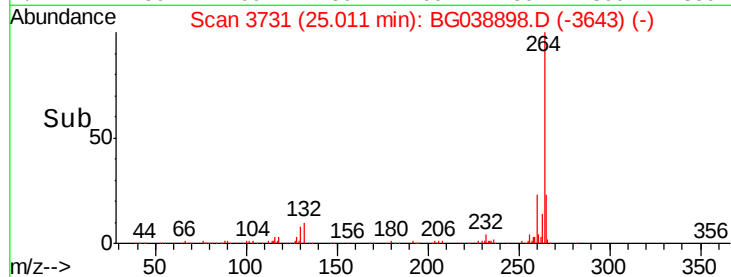
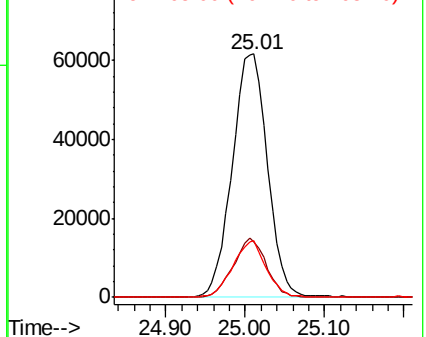


Abundance

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: 49.189 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

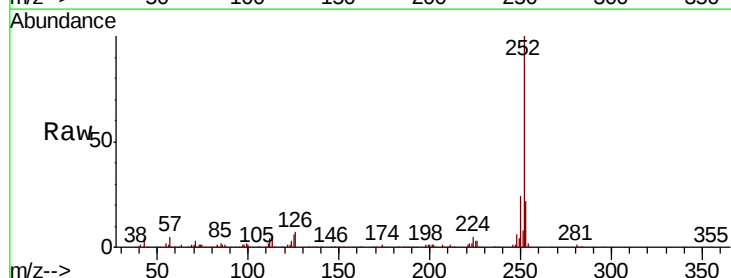
Tgt Ion:252 Resp: 514181

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

125 6.0 5.5 8.3

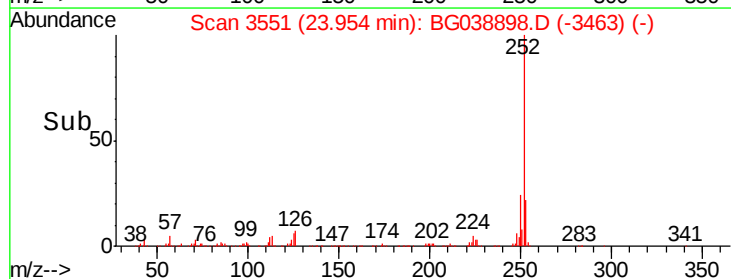
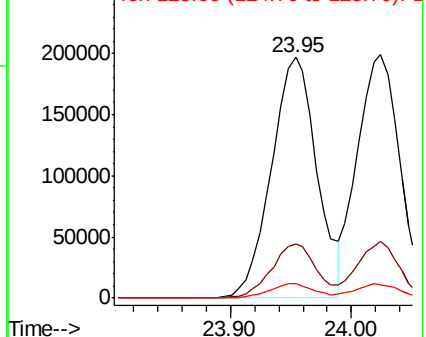


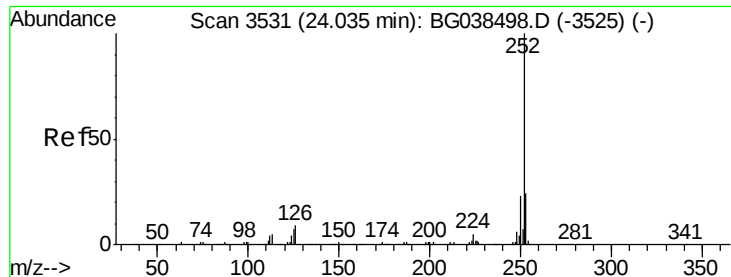
Abundance

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

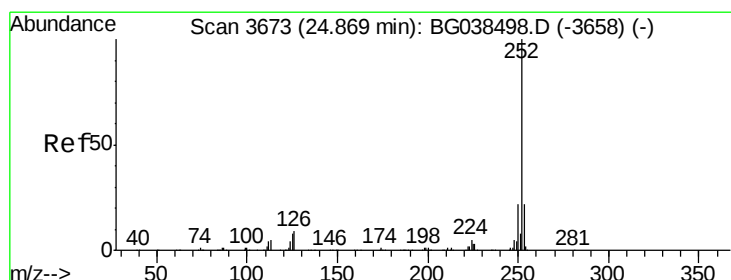
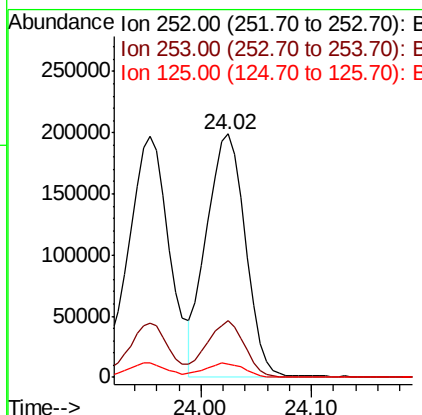
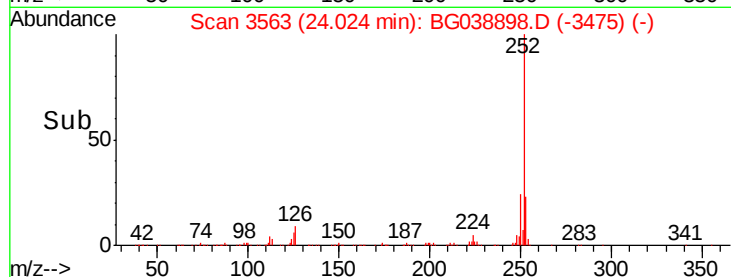
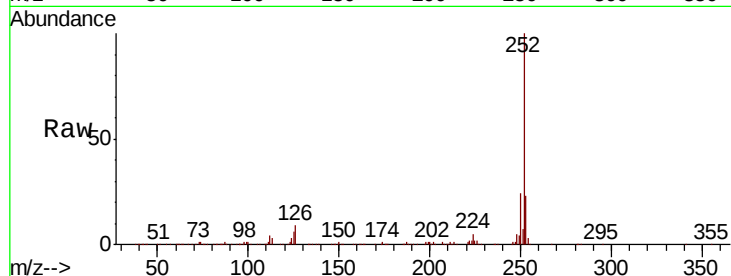




#89
Benzo(k)fluoranthene
Concen: 46.469 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

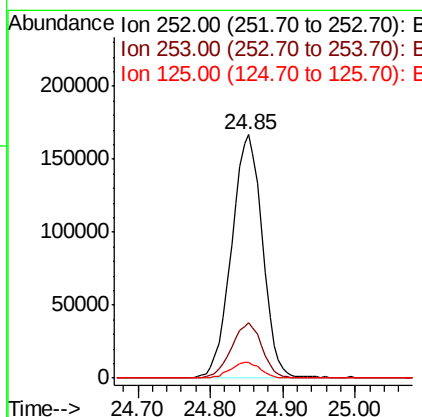
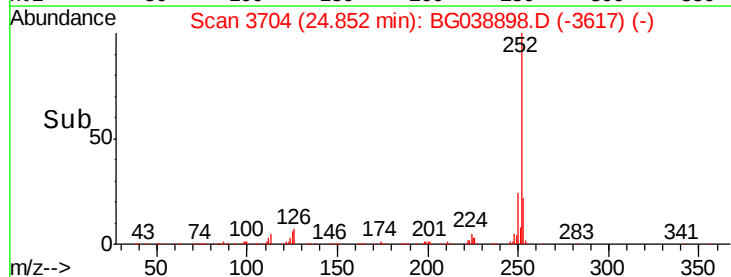
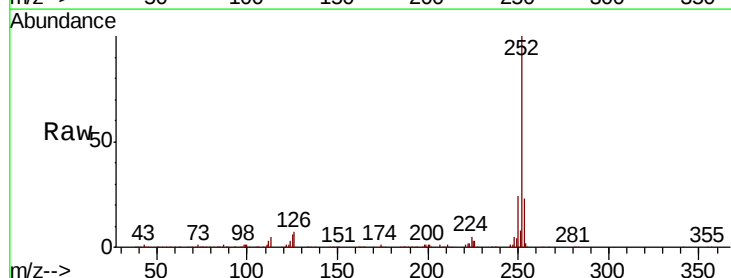
Instrument :
BNA_G
ClientSampleId :
PB116088BSD

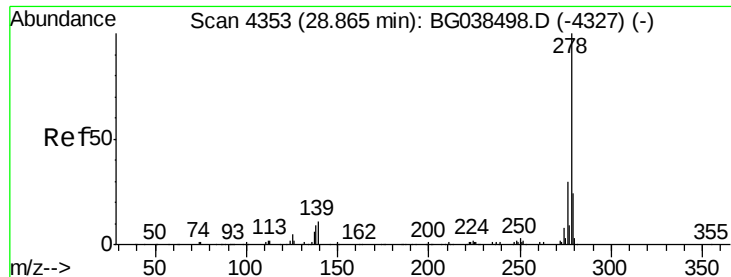
Tot Ion:252 Resp: 483696
Ion Ratio Lower Upper
252 100
253 23.1 18.9 28.3
125 5.7 5.4 8.2



#90
Benzo(a)pyrene
Concen: 48.733 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.02 min
Lab File: BG038898.D
Acq: 2 Jan 2019 18:56

Tgt Ion:252 Resp: 491452
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 6.2 6.4 9.6#





#91

Dibenzo(a,h)anthracene

Concen: 48.114 ng

RT: 28.84 min Scan# 4383

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

Instrument :

BNA_G

ClientSampleId :

PB116088BSD

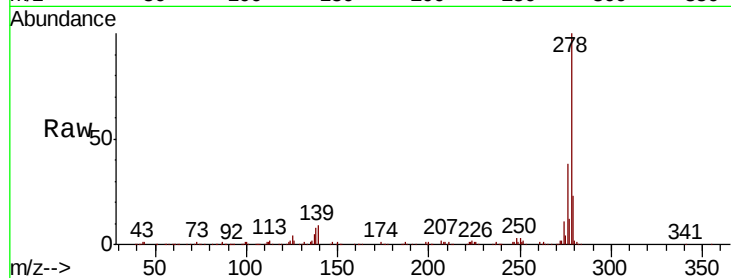
Tot Ion:278 Resp: 483106

Ion Ratio Lower Upper

278 100

139 9.3 8.6 12.8

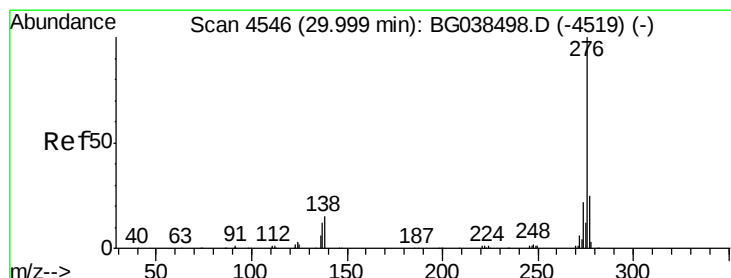
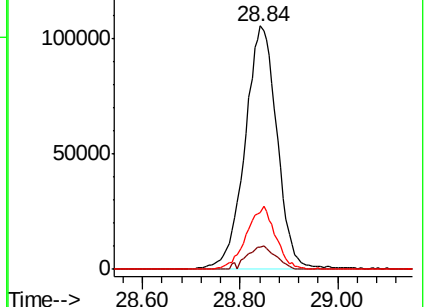
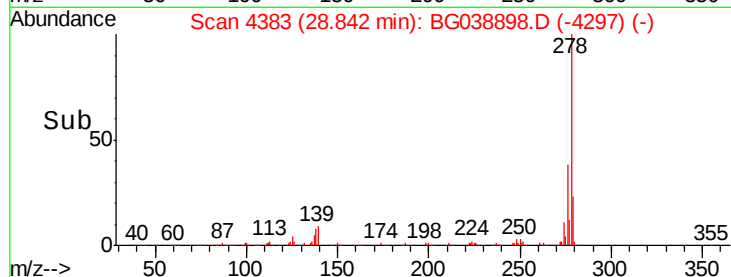
279 23.2 19.0 28.6



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: 48.967 ng

RT: 29.98 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG038898.D

Acq: 2 Jan 2019 18:56

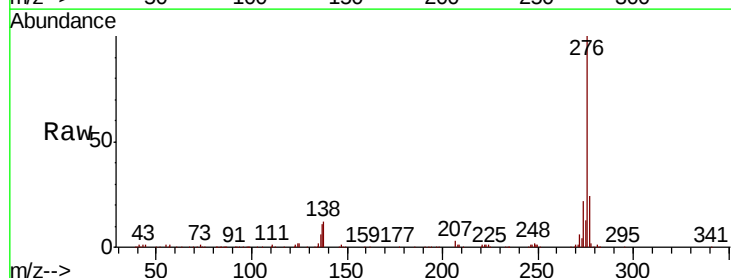
Tgt Ion:276 Resp: 484543

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.8

138 11.9 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

