

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038784.D
 Acq On : 21 Dec 2018 13:25
 Operator : JU/SJ
 Sample : PB115587BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Quant Time: Dec 21 14:05:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23048	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92819	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	64986	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172138	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174158	20.00	ng	0.00
87) Perylene-d12	25.03	264	182801	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	148485	114.27	ng	0.00
7) Phenol-d6	7.22	99	203734	114.21	ng	0.01
23) Nitrobenzene-d5	9.23	82	105884	58.28	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	113692	126.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	280460	59.20	ng	0.00
79) Terphenyl-d14	20.04	244	610475	76.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	23093	38.184	ng	93
3) Pyridine	3.89	79	51705	31.052	ng	95
4) n-Nitrosodimethylamine	3.82	42	31261	38.316	ng	# 92
6) Aniline	7.38	93	66545	29.221	ng	97
8) 2-Chlorophenol	7.62	128	63539	42.253	ng	93
9) Benzaldehyde	7.20	77	18577	16.053	ng	93
10) Phenol	7.24	94	79802	42.107	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	54079	35.840	ng	96
12) 1,3-Dichlorobenzene	7.94	146	67662	38.054	ng	95
13) 1,4-Dichlorobenzene	8.09	146	67385	37.004	ng	96
14) 1,2-Dichlorobenzene	8.41	146	65820	38.340	ng	98
15) Benzyl Alcohol	8.30	79	56204	40.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	110066	31.843	ng	97
17) 2-Methylphenol	8.50	107	54549	42.959	ng	97
18) Hexachloroethane	9.14	117	24068	36.170	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	45296	36.152	ng	92
20) 3+4-Methylphenols	8.83	107	74283	42.360	ng	96
22) Acetophenone	8.89	105	88569	38.202	ng	# 96
24) Nitrobenzene	9.28	77	69039	37.562	ng	93
25) Isophorone	9.79	82	125278	38.377	ng	98
26) 2-Nitrophenol	9.99	139	35652	37.898	ng	93
27) 2,4-Dimethylphenol	10.03	122	63770	47.300	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	71123	38.608	ng	98
29) 2,4-Dichlorophenol	10.52	162	69578	46.389	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	72337	39.928	ng	97
31) Naphthalene	10.93	128	196044	42.867	ng	100
32) Benzoic acid	10.18	122	30091	37.862	ng	98
33) 4-Chloroaniline	11.04	127	52368	26.375	ng	96
34) Hexachlorobutadiene	11.19	225	47957	39.120	ng	97
35) Caprolactam	11.83	113	24161	38.925	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	73139	42.731	ng	92
37) 2-Methylnaphthalene	12.53	142	150000	45.975	ng	99
38) 1-Methylnaphthalene	12.75	142	140669	44.431	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	91290	37.581	ng	98

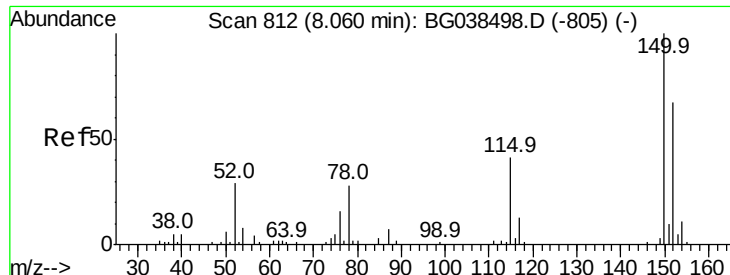
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038784.D
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 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	103383	77.466	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	63929	42.802	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	71721	45.353	ng	97
46) 1,1'-Biphenyl	13.53	154	198393	36.416	ng	96
47) 2-Chloronaphthalene	13.58	162	161821	38.453	ng	98
48) 2-Nitroaniline	13.79	65	52830	39.413	ng	90
49) Acenaphthylene	14.42	152	265659	42.228	ng	99
50) Dimethylphthalate	14.15	163	216377	40.772	ng	99
51) 2,6-Dinitrotoluene	14.28	165	48775	40.556	ng	92
52) Acenaphthene	14.76	154	151675	40.319	ng	99
53) 3-Nitroaniline	14.62	138	38522	31.422	ng	89
54) 2,4-Dinitrophenol	14.82	184	46879	66.450	ng	99
55) Dibenzofuran	15.10	168	262238	40.667	ng	100
56) 4-Nitrophenol	14.92	139	76684	82.452	ng	98
57) 2,4-Dinitrotoluene	15.07	165	72327	42.699	ng	90
58) Fluorene	15.74	166	213796	44.750	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	69257	48.678	ng	94
60) Diethylphthalate	15.50	149	225770	38.753	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	122634	41.140	ng	97
62) 4-Nitroaniline	15.78	138	52576	41.656	ng	96
63) Azobenzene	16.02	77	190028	39.045	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40867	33.281	ng	88
66) n-Nitrosodiphenylamine	15.95	169	198942	39.334	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	81983	38.997	ng	97
68) Hexachlorobenzene	16.74	284	87802	40.290	ng	95
69) Atrazine	16.89	200	81459	43.398	ng	99
70) Pentachlorophenol	17.09	266	91987	71.363	ng	96
71) Phenanthrene	17.49	178	381332	42.719	ng	99
72) Anthracene	17.58	178	391057	44.376	ng	100
73) Carbazole	17.85	167	338818	38.877	ng	99
74) Di-n-butylphthalate	18.38	149	403873	40.386	ng	100
75) Fluoranthene	19.50	202	467146	42.297	ng	97
77) Benzidine	19.68	184	205756	39.948	ng	99
78) Pyrene	19.86	202	464761	40.395	ng	100
80) Butylbenzylphthalate	20.73	149	178365	39.681	ng	98
81) Benzo(a)anthracene	21.71	228	451614	42.556	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	124656	29.617	ng	99
83) Chrysene	21.77	228	420308	41.119	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	248450	38.972	ng	97
85) Di-n-octyl phthalate	22.80	149	426079	39.907	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	491642	40.911	ng	# 85
88) Benzo(b)fluoranthene	23.97	252	445134	44.351	ng	99
89) Benzo(k)fluoranthene	24.04	252	427187	42.743	ng	99
90) Benzo(a)pyrene	24.87	252	431775	44.593	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	412535	42.791	ng	99
92) Benzo(g,h,i)perylene	30.00	276	406795	42.816	ng	95

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

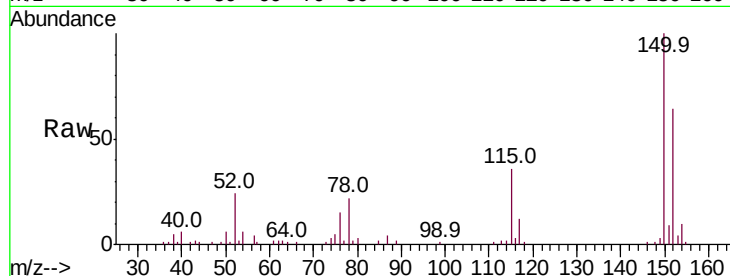


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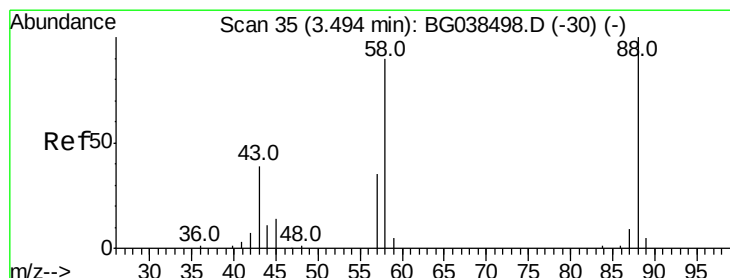
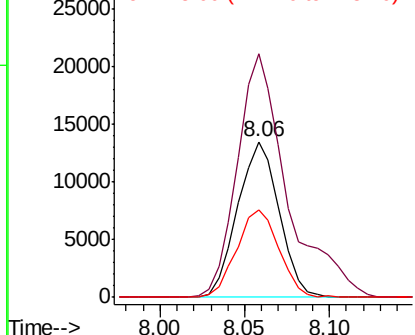
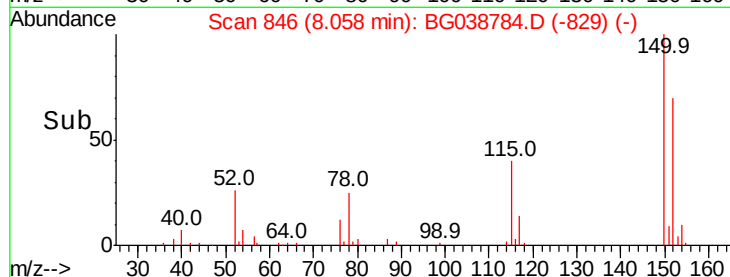
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:152 Resp: 23048
Ion Ratio Lower Upper
152 100
150 156.3 119.5 179.3
115 56.4 49.6 74.4



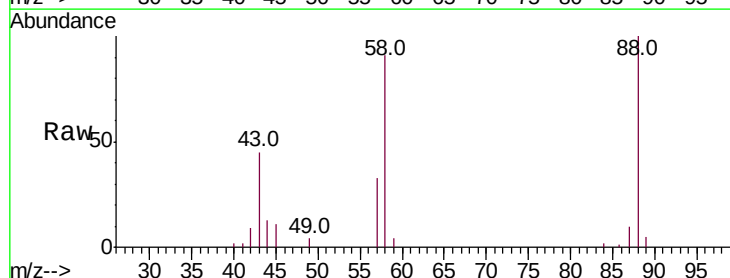
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



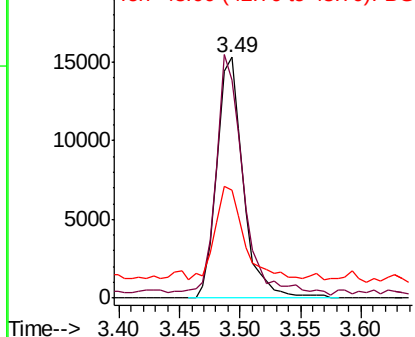
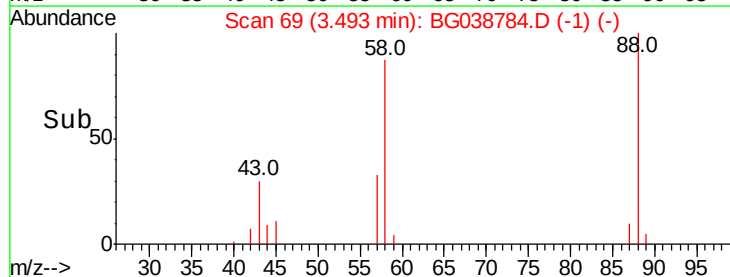
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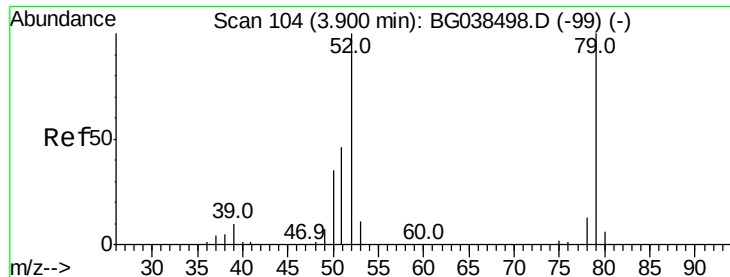
1,4-Dioxane
Concen: 38.184 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion: 88 Resp: 23093
Ion Ratio Lower Upper
88 100
58 101.7 75.7 113.5
43 43.0 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: 31.052 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

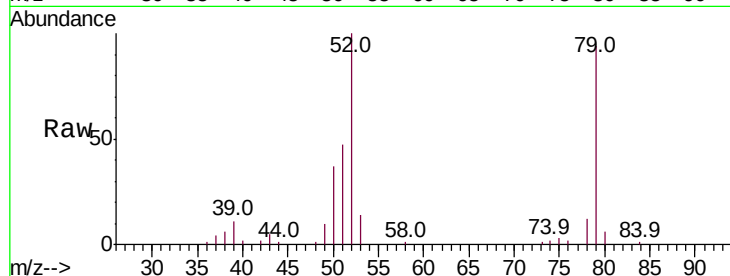
Tot Ion: 79 Resp: 51705

Ion Ratio Lower Upper

79 100

52 106.0 80.2 120.2

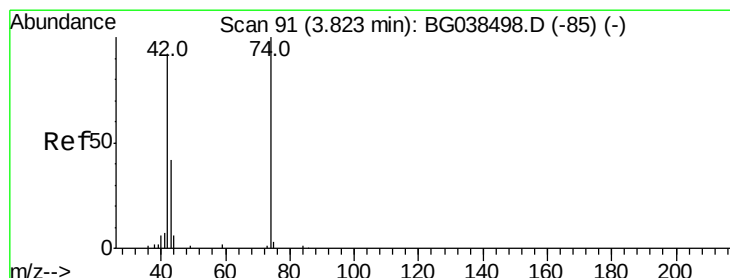
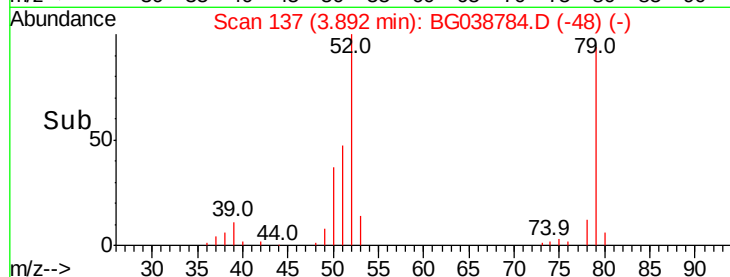
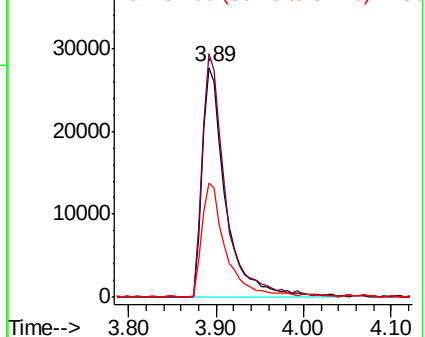
51 49.9 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.316 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

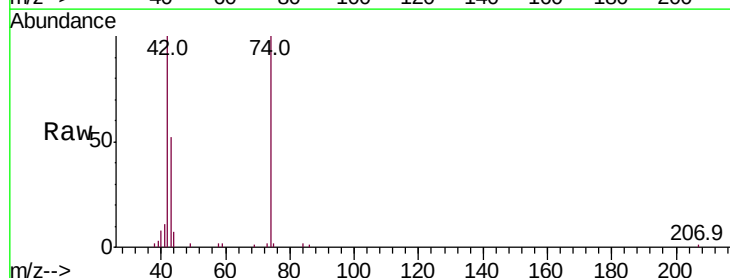
Tgt Ion: 42 Resp: 31261

Ion Ratio Lower Upper

42 100

74 100.4 86.7 130.1

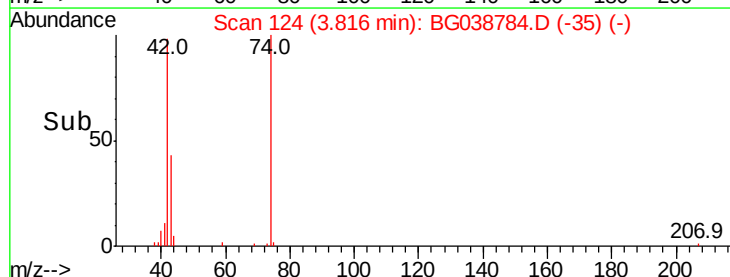
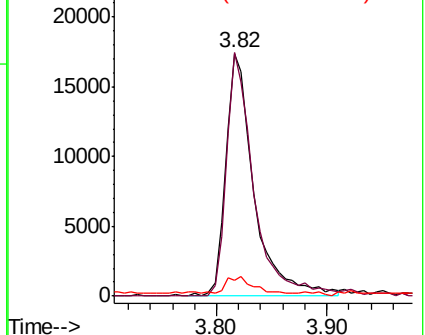
44 6.6 7.8 11.8#

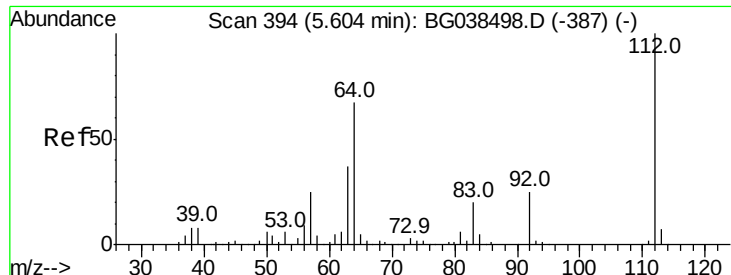


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

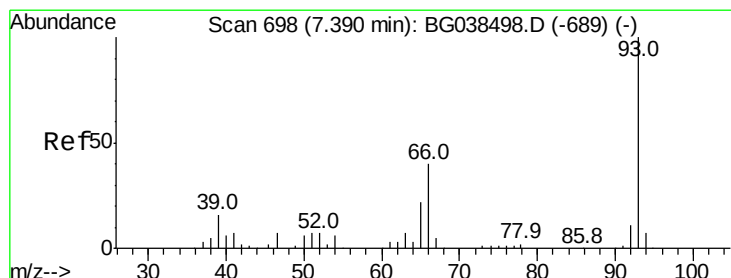
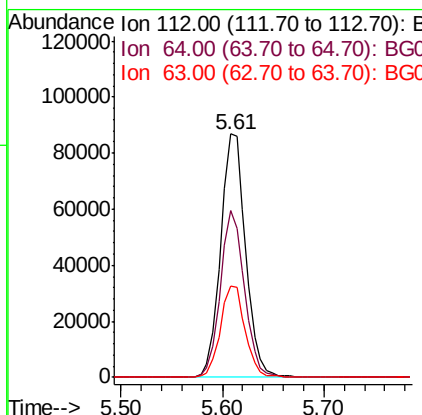
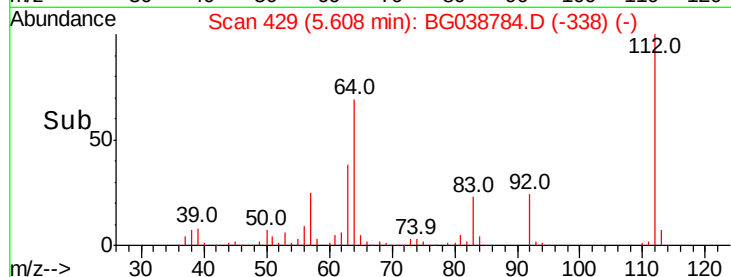
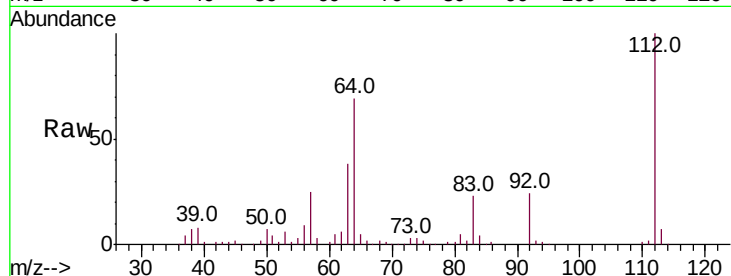




#5
 2-Fluorophenol
 Concen: 114.266 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

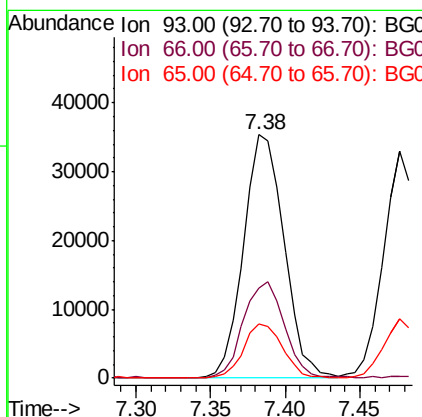
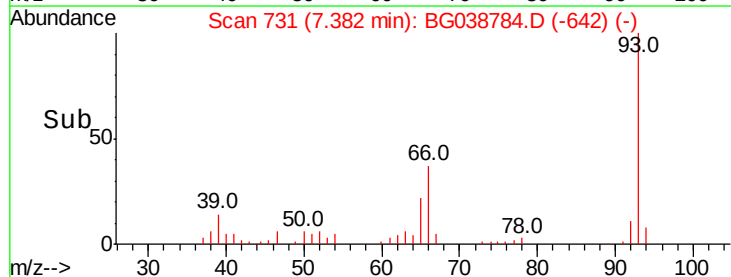
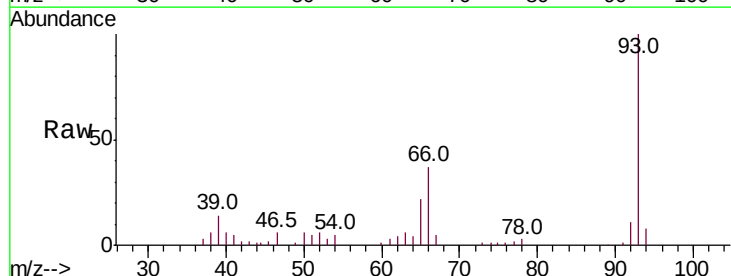
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

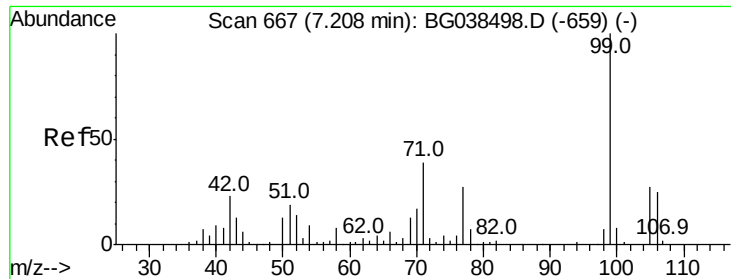
Tot Ion:112 Resp: 148485
 Ion Ratio Lower Upper
 112 100
 64 68.7 53.4 80.2
 63 37.6 29.3 43.9



#6
 Aniline
 Concen: 29.221 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion: 93 Resp: 66545
 Ion Ratio Lower Upper
 93 100
 66 37.2 31.7 47.5
 65 22.5 17.8 26.6





#7

Phenol-d6

Concen: 114.206 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampled :

PB115587BS

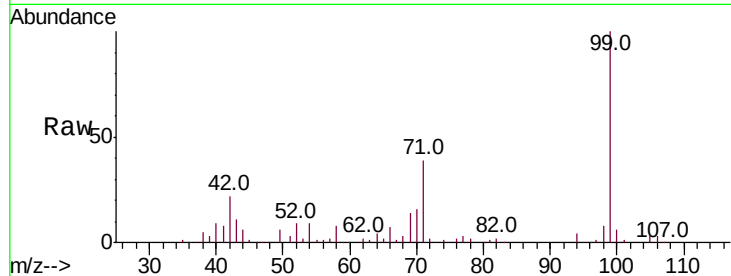
Tot Ion: 99 Resp: 203734

Ion Ratio Lower Upper

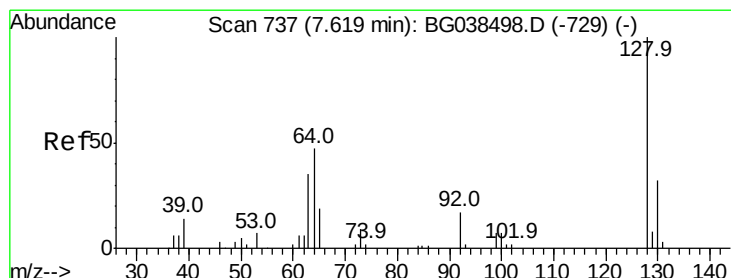
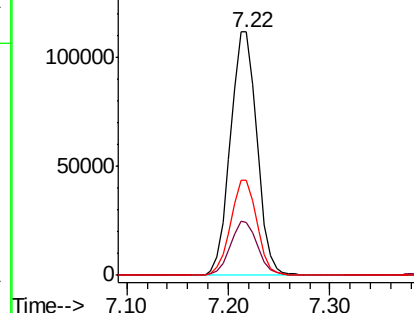
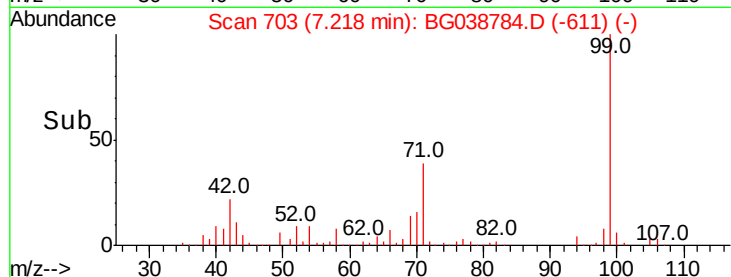
99 100

42 21.9 18.5 27.7

71 39.1 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.253 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

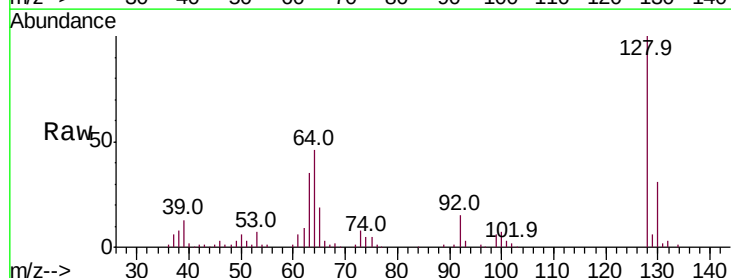
Tgt Ion: 128 Resp: 63539

Ion Ratio Lower Upper

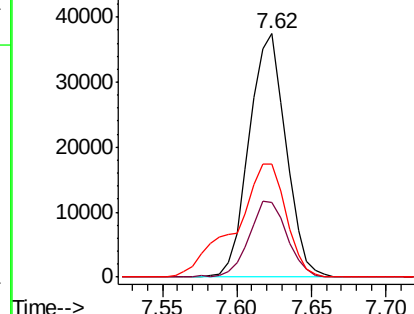
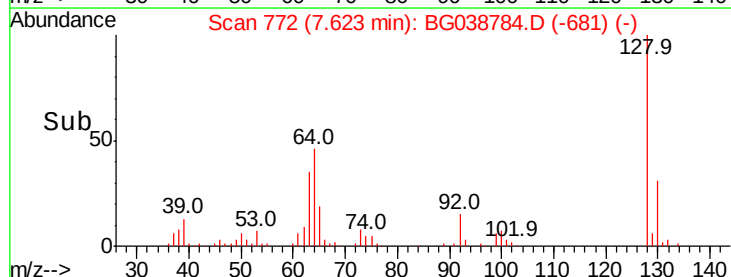
128 100

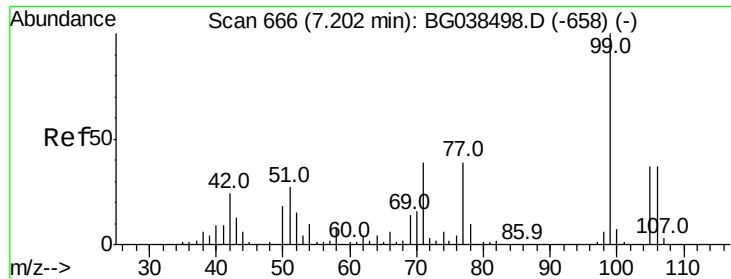
130 30.8 11.8 51.8

64 46.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 16.053 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampled :

PB115587BS

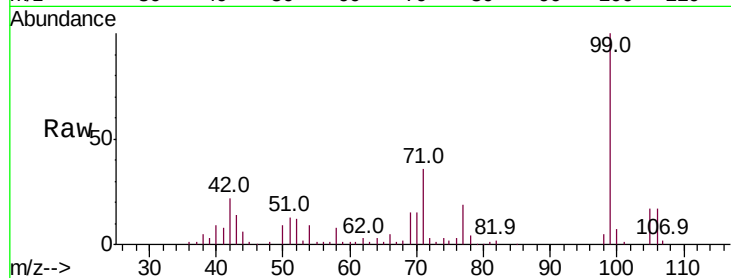
Tot Ion: 77 Resp: 18577

Ion Ratio Lower Upper

77 100

105 86.3 74.0 114.0

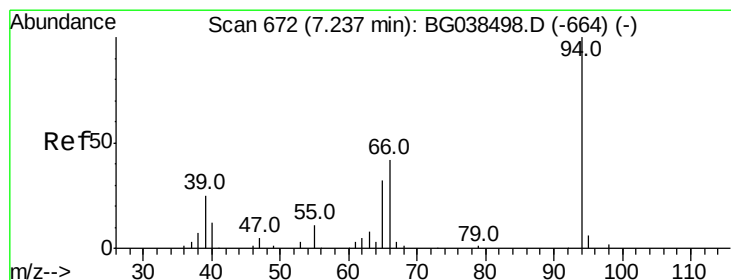
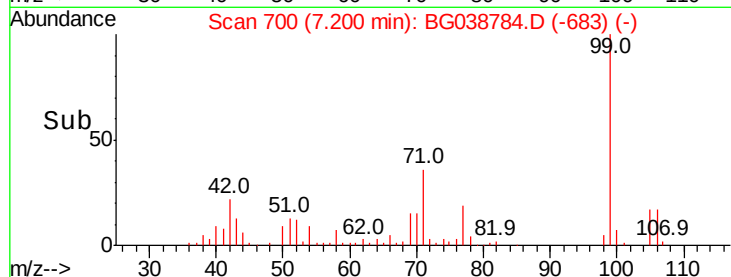
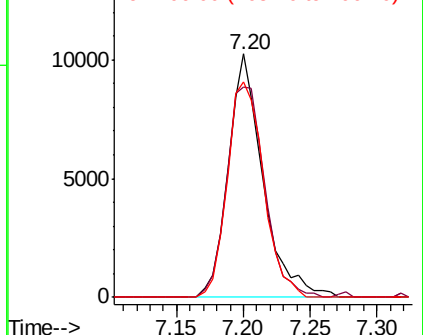
106 88.7 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.107 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

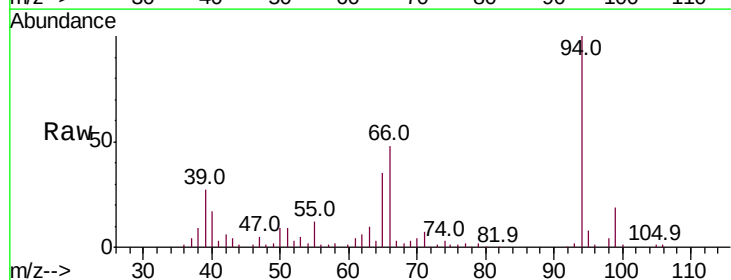
Tgt Ion: 94 Resp: 79802

Ion Ratio Lower Upper

94 100

65 35.4 12.6 52.6

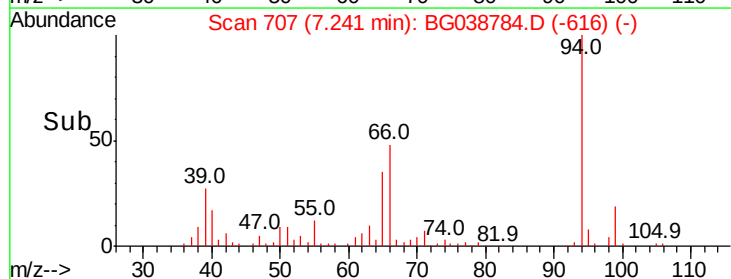
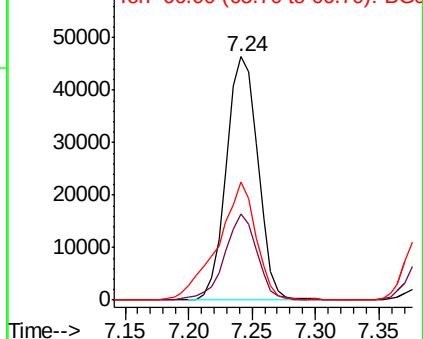
66 48.4 24.1 64.1

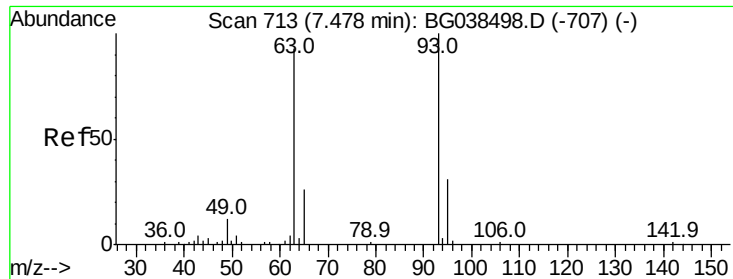


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.840 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

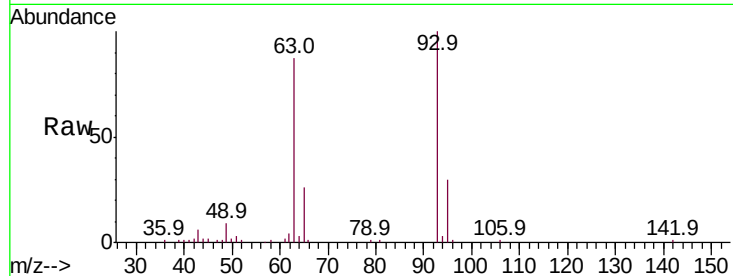
Tot Ion: 93 Resp: 54079

Ion Ratio Lower Upper

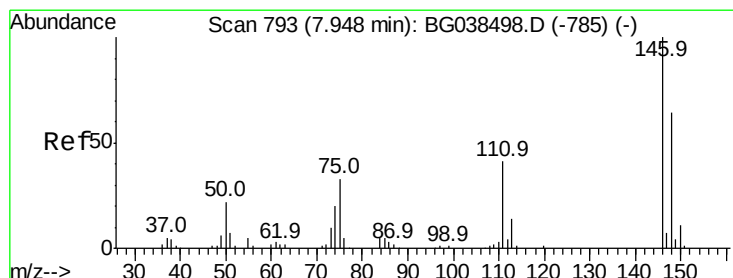
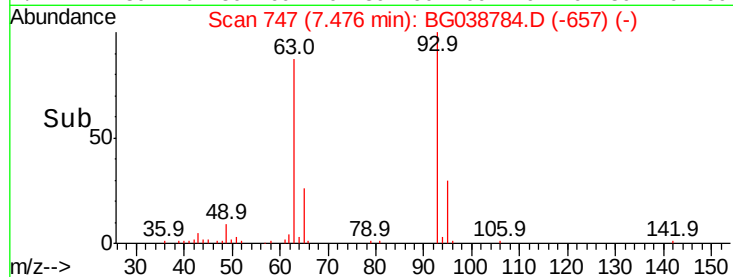
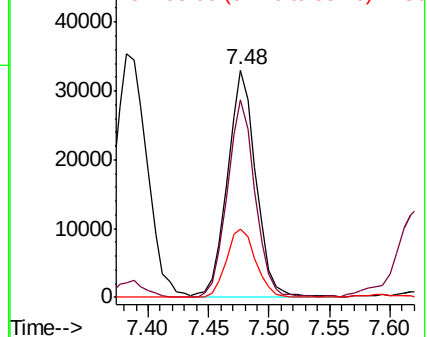
93 100

63 87.2 72.2 112.2

95 30.1 11.2 51.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.054 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

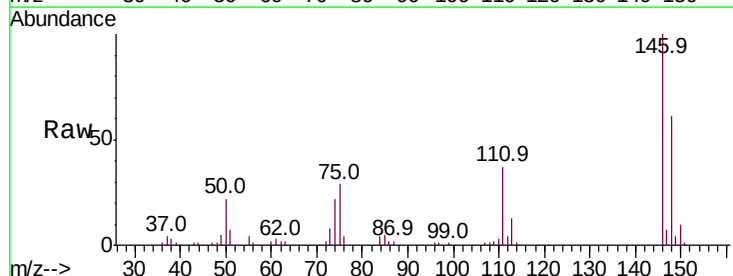
Tgt Ion: 146 Resp: 67662

Ion Ratio Lower Upper

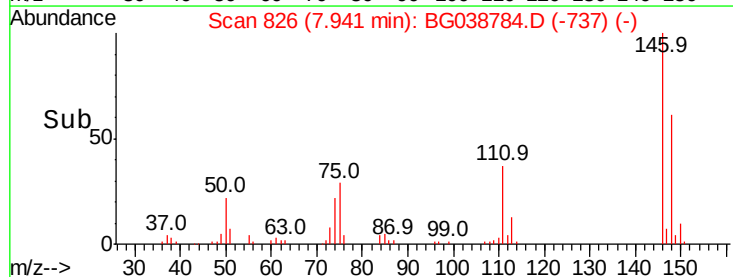
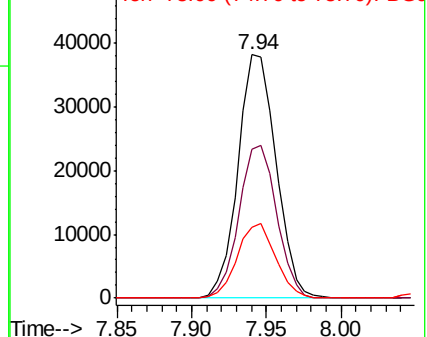
146 100

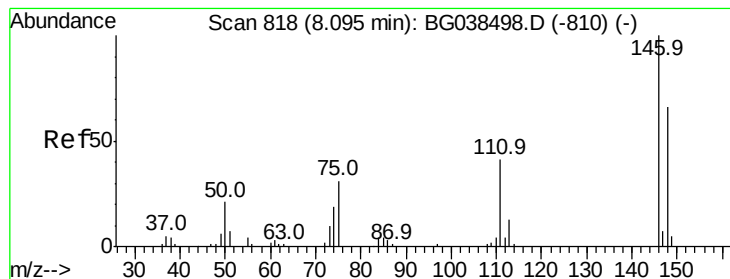
148 61.2 51.4 77.0

75 29.0 26.1 39.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.004 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

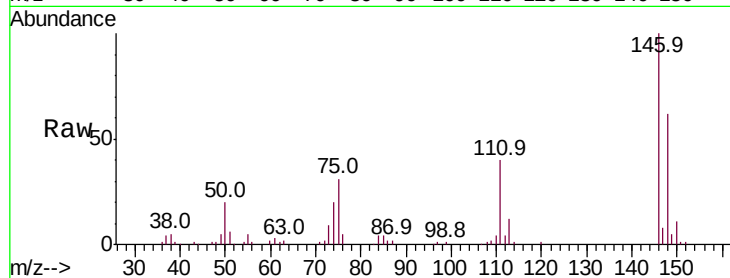
Tot Ion:146 Resp: 67385

Ion Ratio Lower Upper

146 100

148 61.5 52.4 78.6

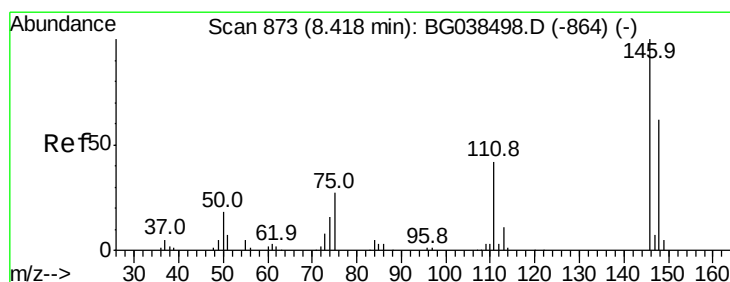
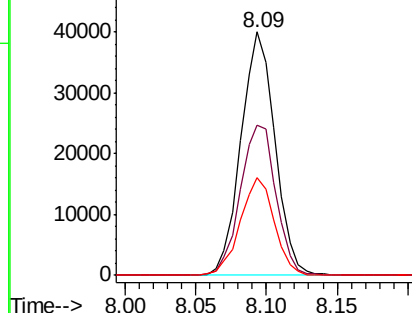
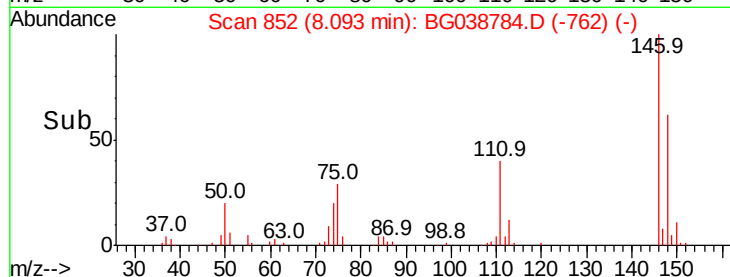
111 40.3 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.340 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

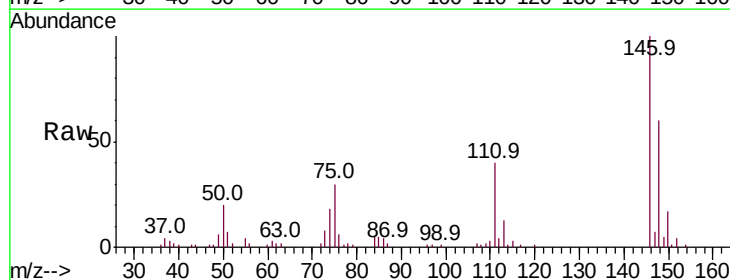
Tgt Ion:146 Resp: 65820

Ion Ratio Lower Upper

146 100

148 60.3 49.4 74.0

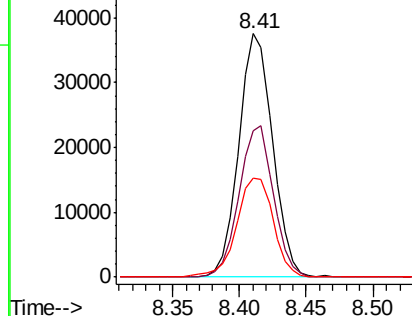
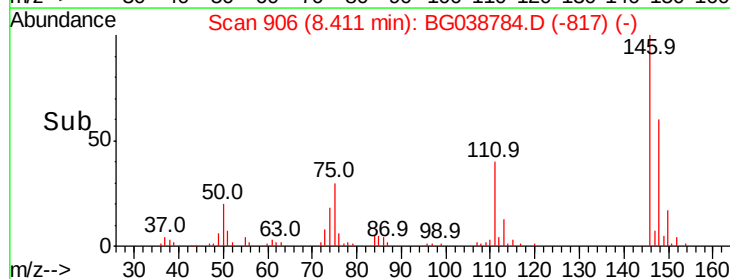
111 40.5 33.8 50.6

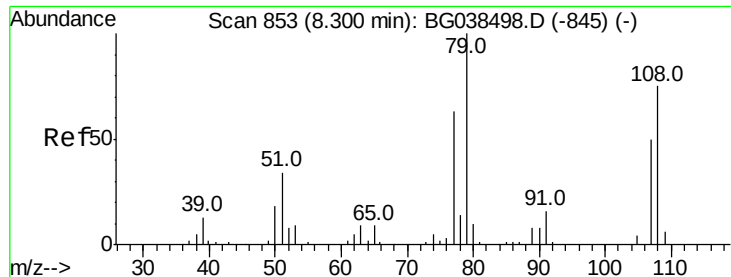


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

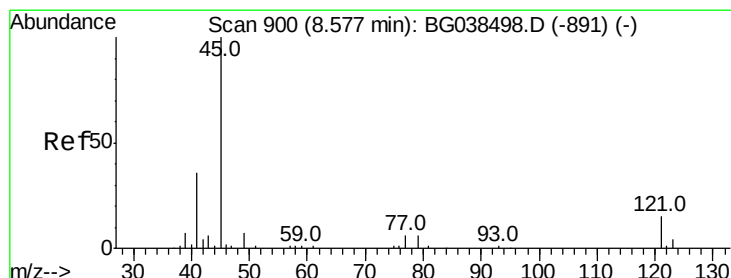
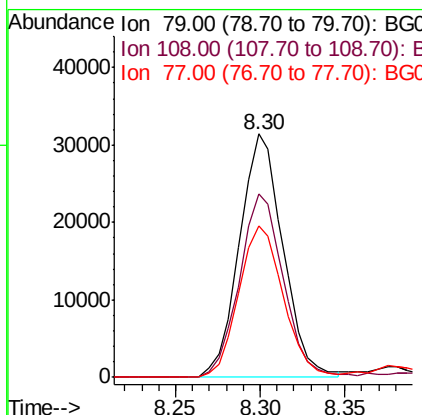
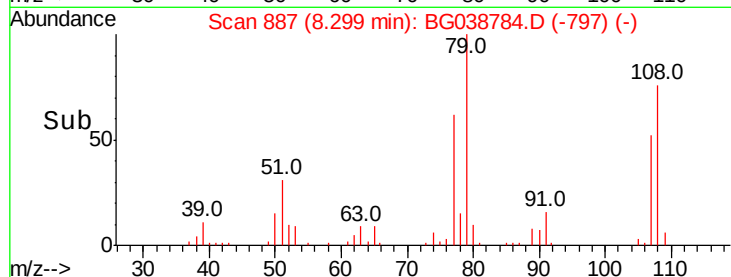
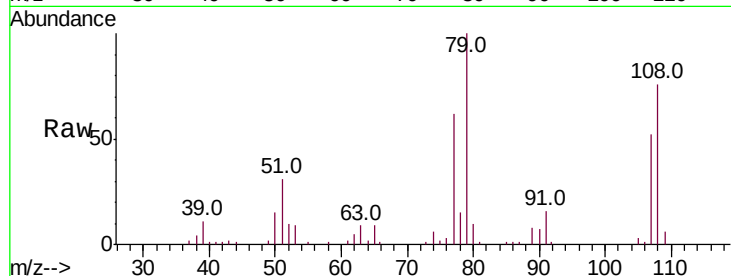




#15
Benzyl Alcohol
Concen: 40.364 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

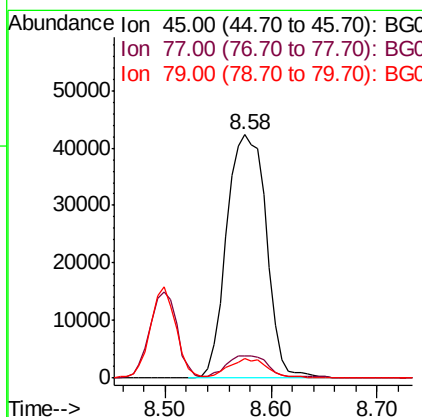
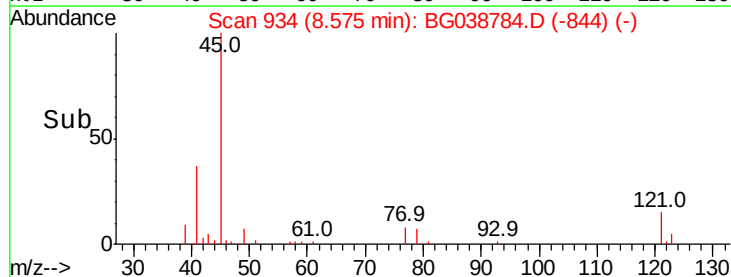
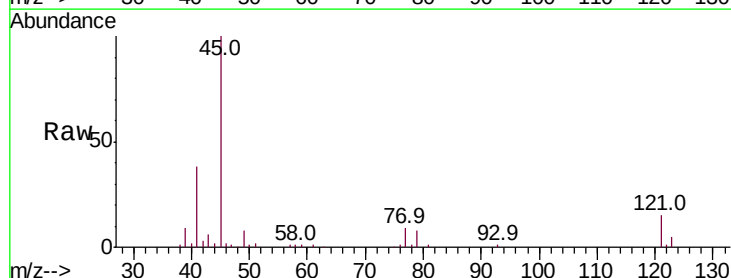
Instrument :
BNA_G
ClientSampleId :
PB115587BS

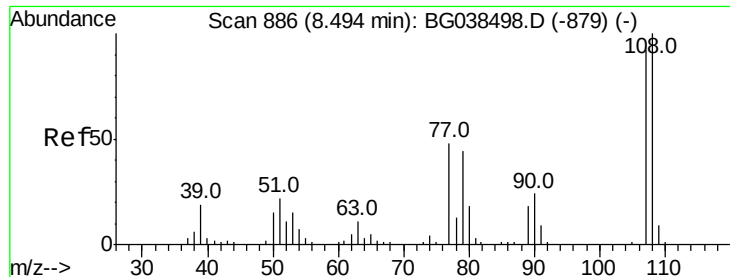
Tot Ion: 79 Resp: 56204
Ion Ratio Lower Upper
79 100
108 75.6 60.2 90.4
77 62.4 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.843 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion: 45 Resp: 110066
Ion Ratio Lower Upper
45 100
77 9.3 0.0 28.2
79 7.9 0.0 27.2

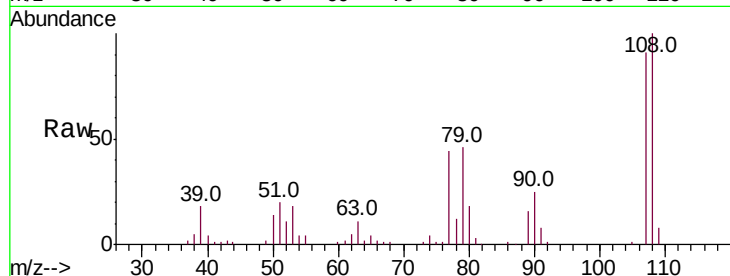




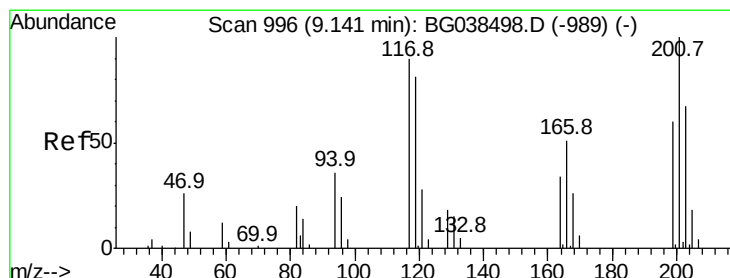
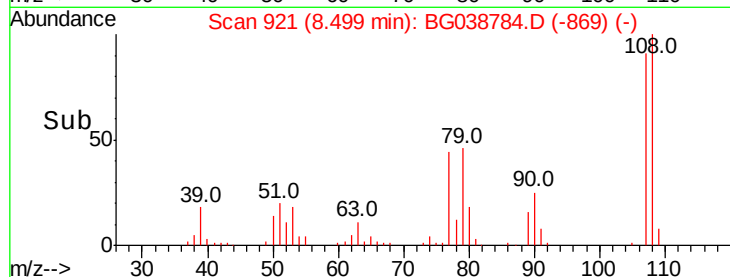
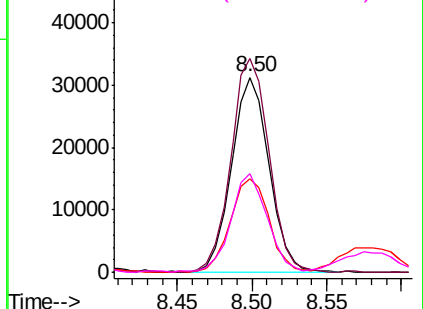
#17
2-Methylphenol
Concen: 42.959 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleID :
PB115587BS

Tot Ion:107 Resp: 54549
Ion Ratio Lower Upper
107 100
108 109.7 87.1 130.7
77 48.0 42.0 63.0
79 50.7 38.2 57.2

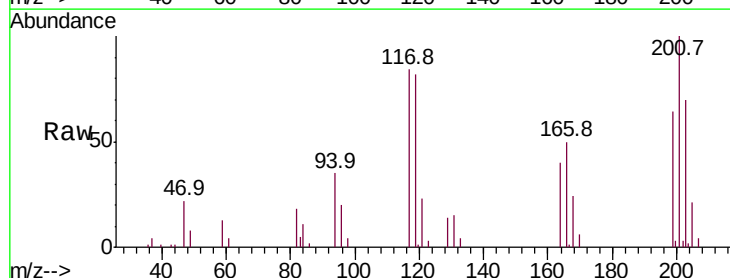


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

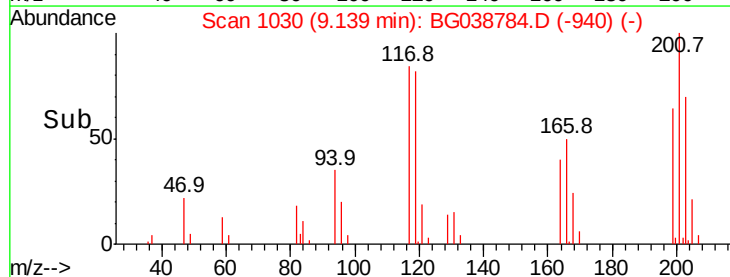
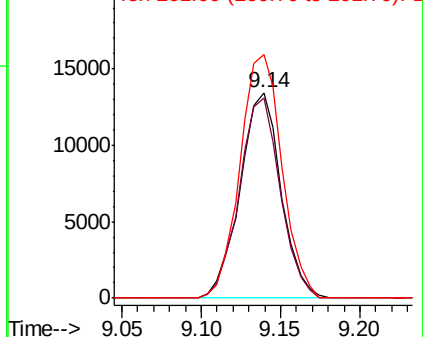


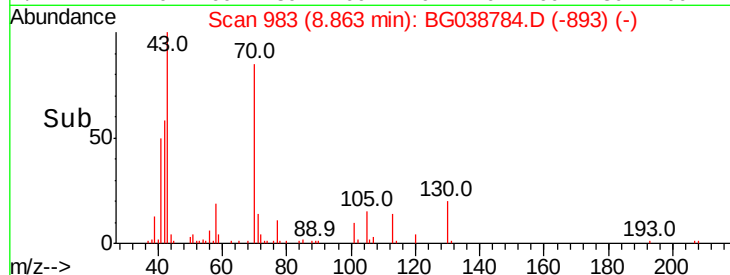
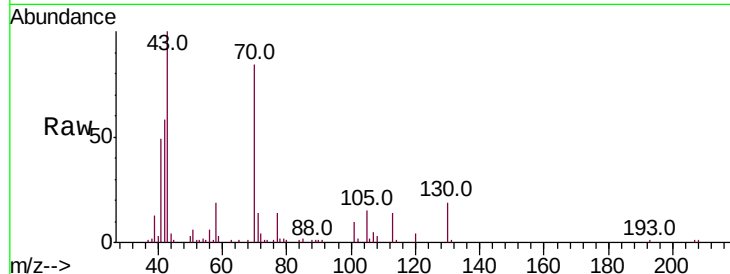
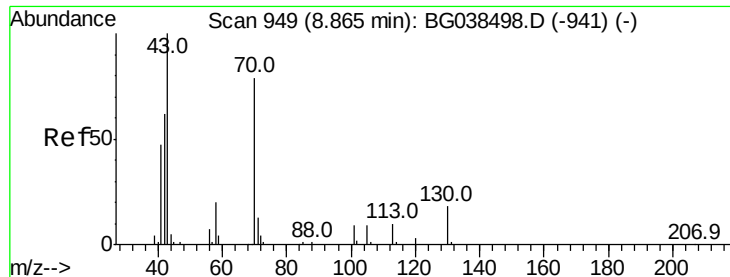
#18
Hexachloroethane
Concen: 36.170 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:117 Resp: 24068
Ion Ratio Lower Upper
117 100
119 97.4 73.8 110.8
201 118.4 89.4 134.0



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

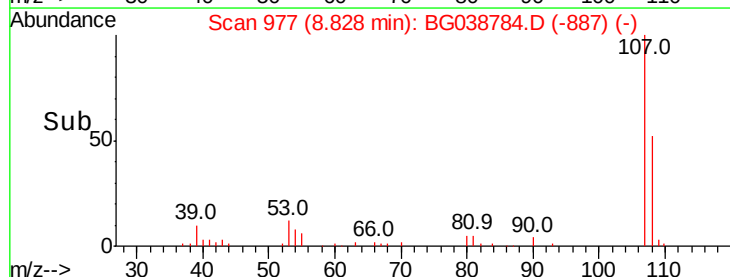
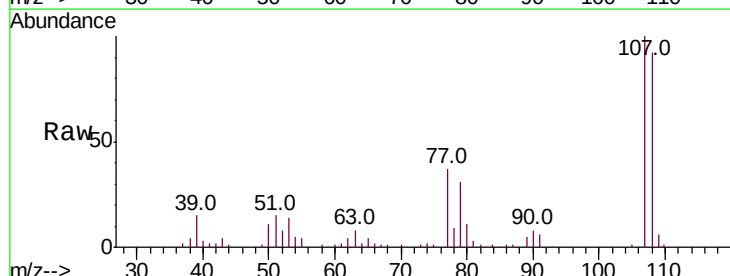
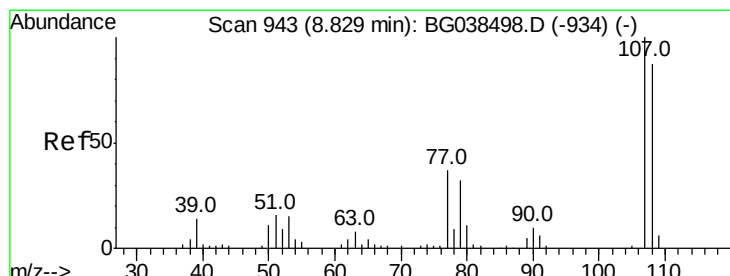
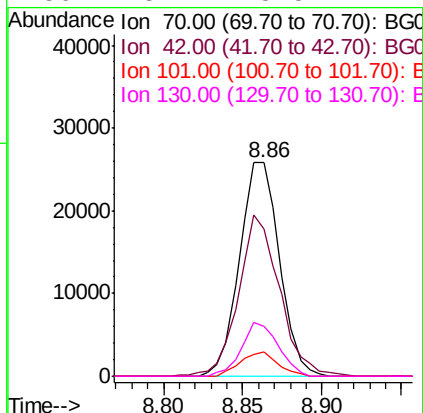




#19
n-Nitroso-di-n-propylamine
Concen: 36.152 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

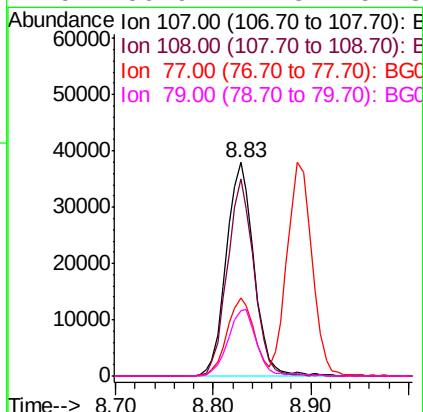
Instrument :
BNA_G
ClientSampleId :
PB115587BS

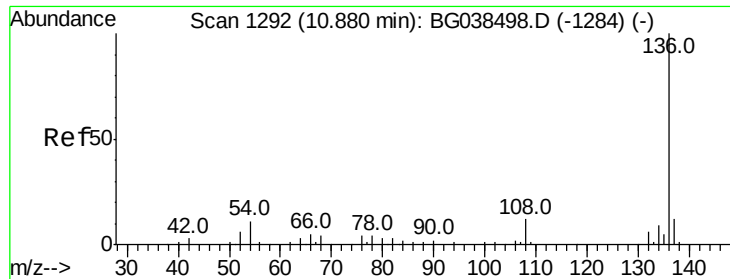
Tot Ion:	70	Resp:	45296
Ion	Ratio	Lower	Upper
70	100		
42	68.9	63.6	95.4
101	11.6	9.2	13.8
130	23.2	18.5	27.7



#20
3+4-Methylphenols
Concen: 42.360 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:	107	Resp:	74283
Ion	Ratio	Lower	Upper
107	100		
108	92.4	66.7	106.7
77	36.9	17.3	57.3
79	30.9	12.3	52.3

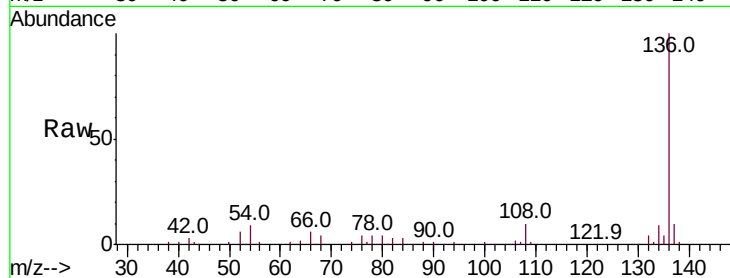




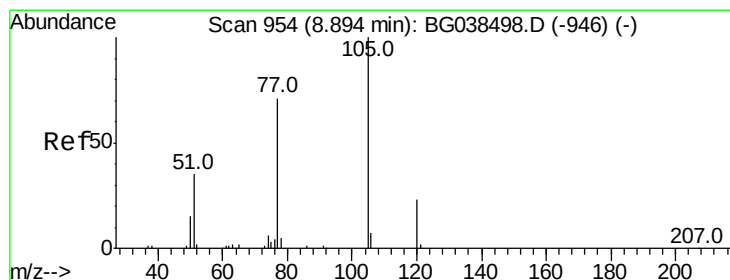
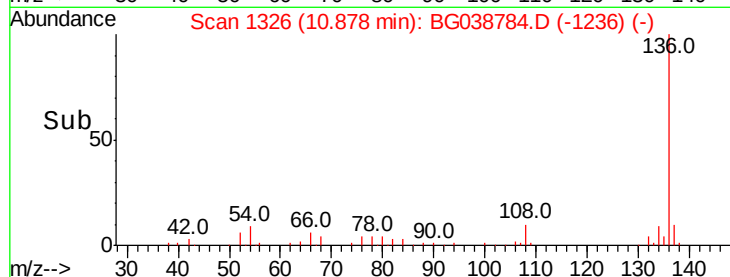
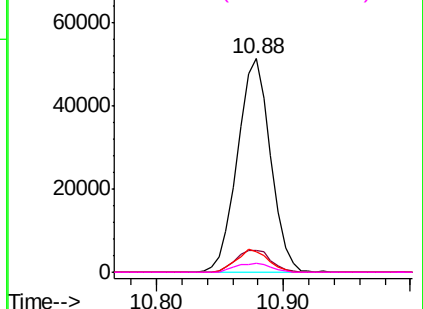
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:136	Resp:	92819
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.3 13.9
54	9.5	8.5 12.7
68	4.0	3.5 5.3

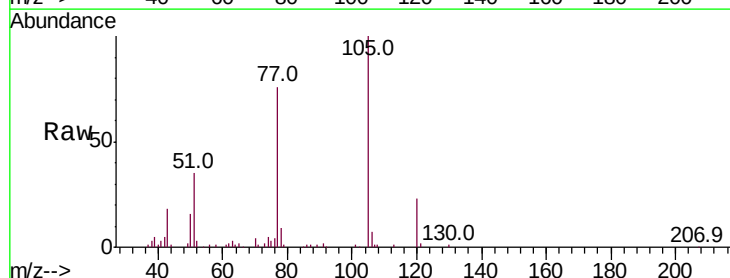


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

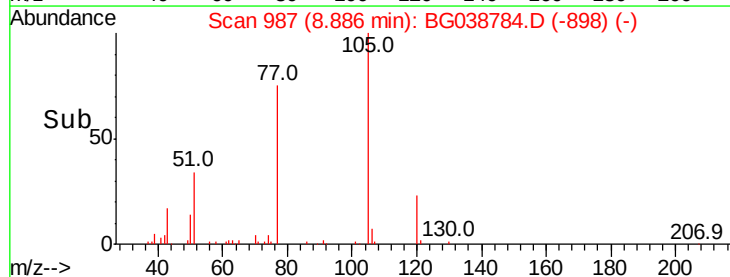
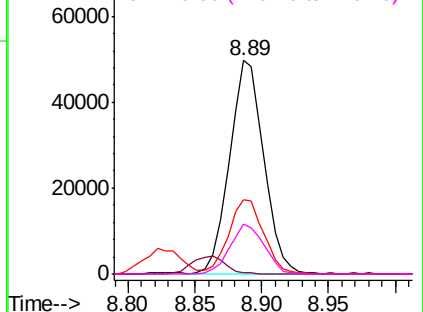


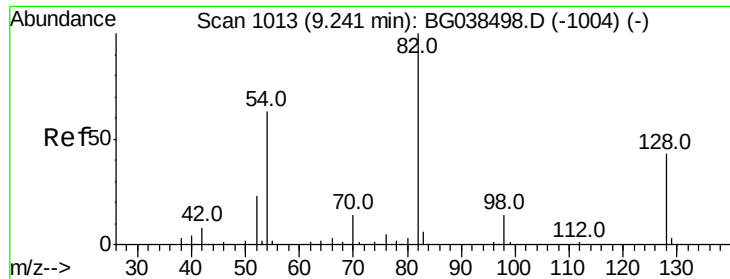
#22
Acetophenone
Concen: 38.202 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:105	Resp:	88569
Ion Ratio	Lower	Upper
105	100	
71	0.6	0.4 0.6#
51	34.5	30.6 46.0
120	23.5	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

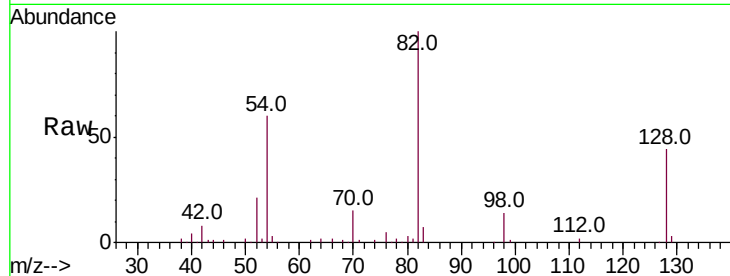




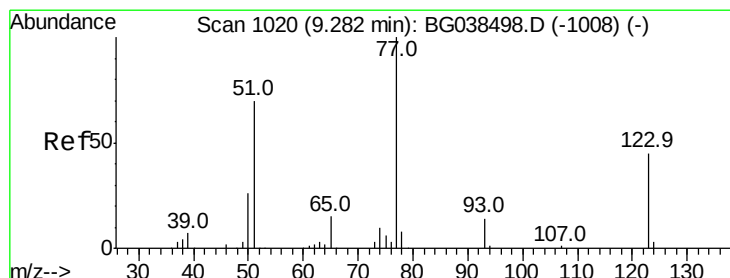
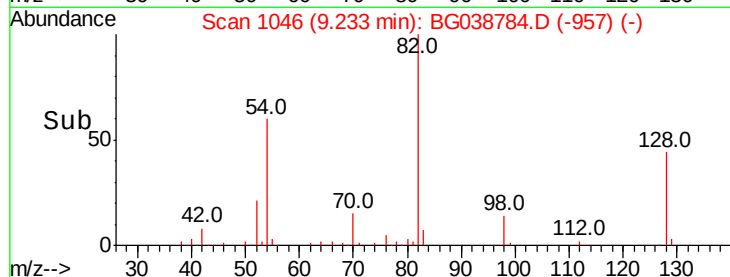
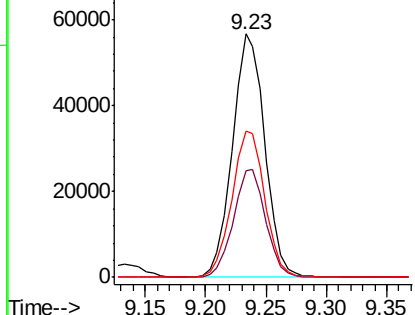
#23
Nitrobenzene-d5
Concen: 58.278 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion: 82 Resp: 105884
Ion Ratio Lower Upper
82 100
128 43.7 34.6 52.0
54 59.9 50.6 76.0

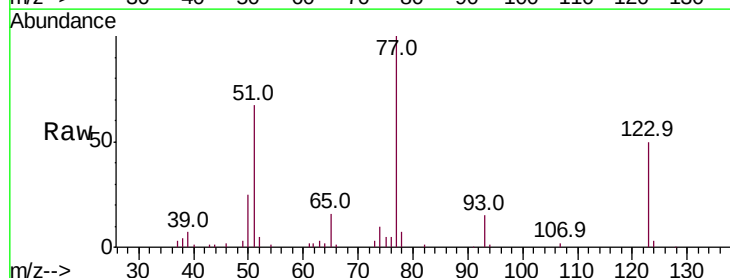


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

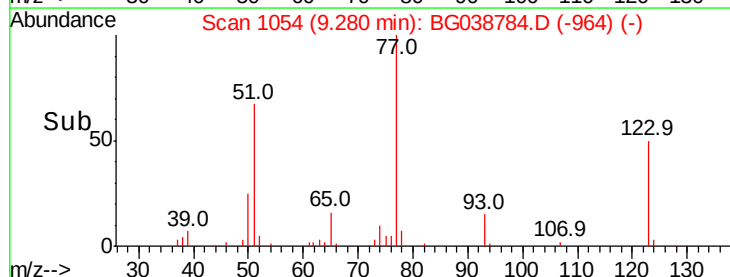
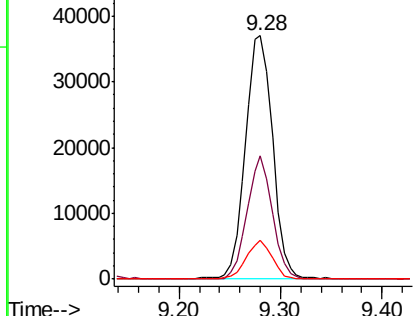


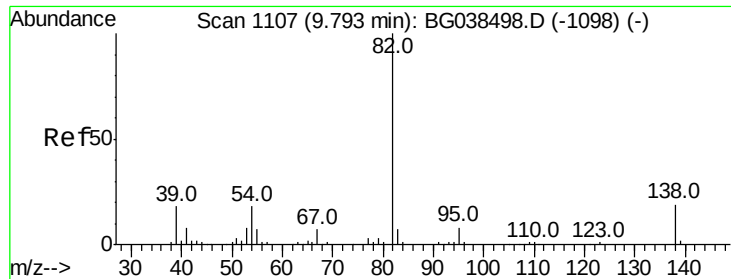
#24
Nitrobenzene
Concen: 37.562 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion: 77 Resp: 69039
Ion Ratio Lower Upper
77 100
123 50.5 35.9 53.9
65 15.9 12.0 18.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

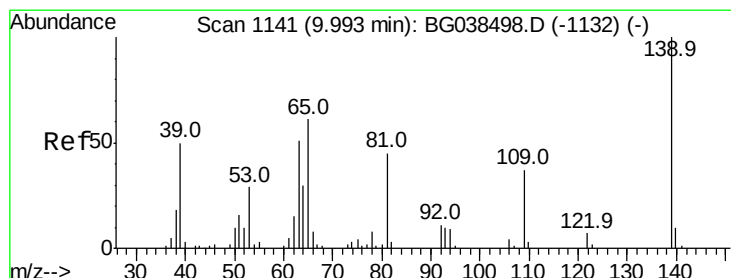
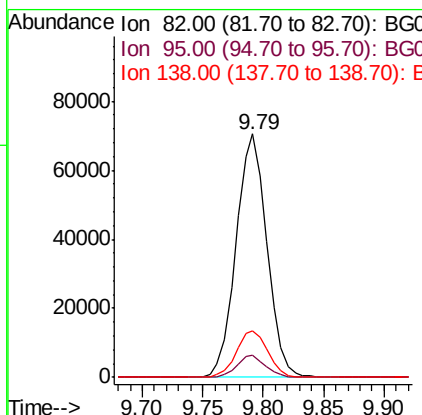
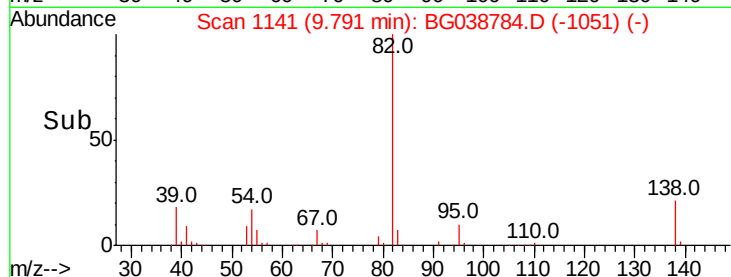
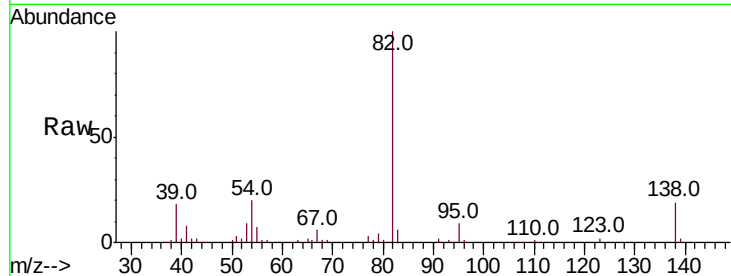




#25
Isophorone
Concen: 38.377 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

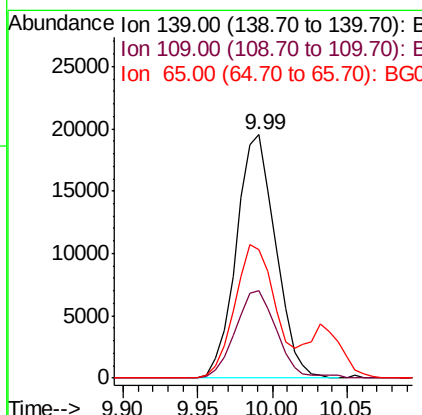
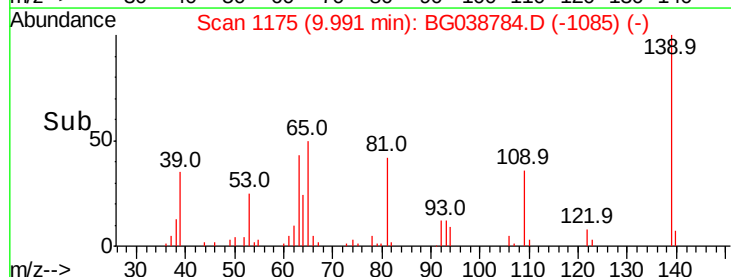
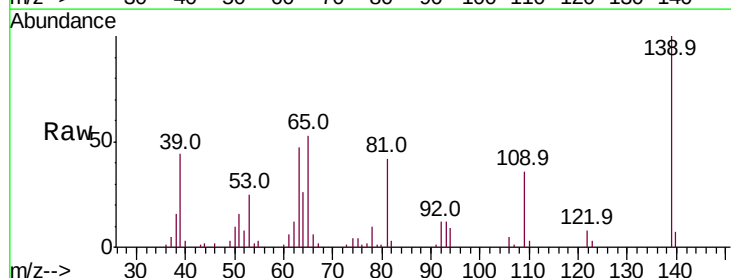
Instrument :
BNA_G
ClientSampleId :
PB115587BS

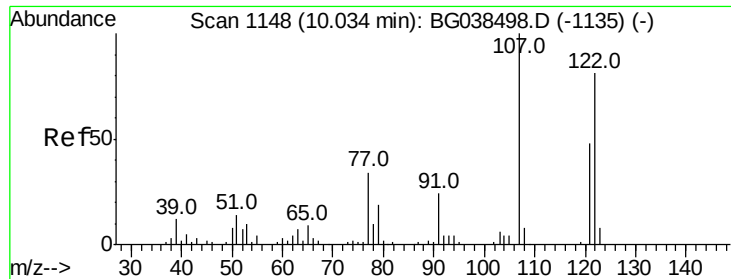
Tot Ion: 82 Resp: 125278
Ion Ratio Lower Upper
82 100
95 9.0 6.1 9.1
138 19.2 14.9 22.3



#26
2-Nitrophenol
Concen: 37.898 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion: 139 Resp: 35652
Ion Ratio Lower Upper
139 100
109 35.7 29.5 44.3
65 53.0 48.5 72.7

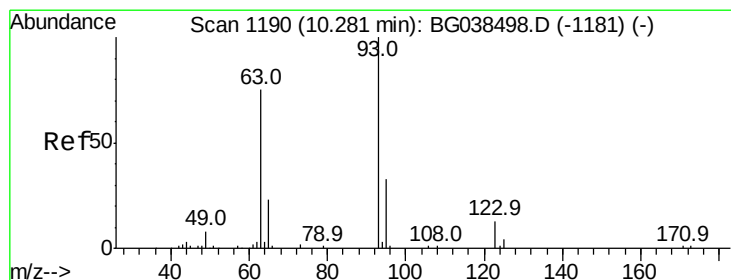
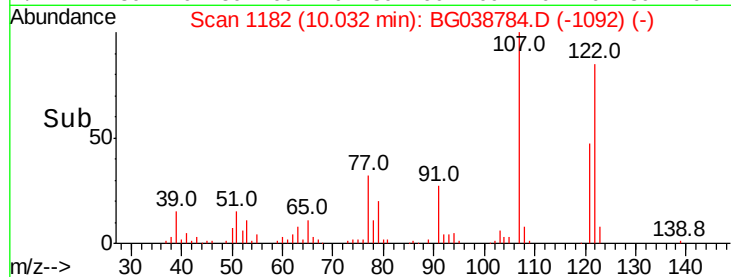
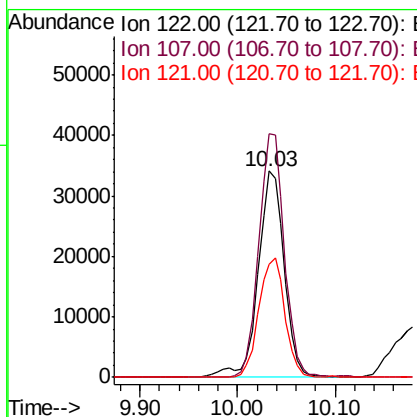
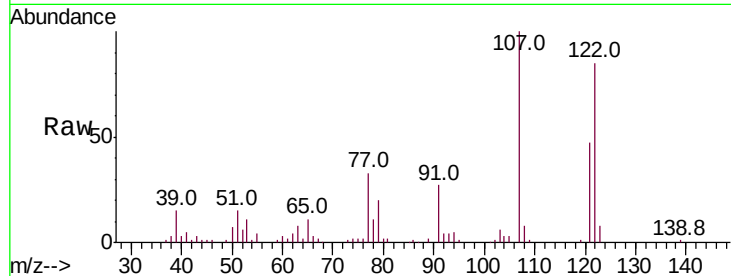




#27
 2,4-Dimethylphenol
 Concen: 47.300 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

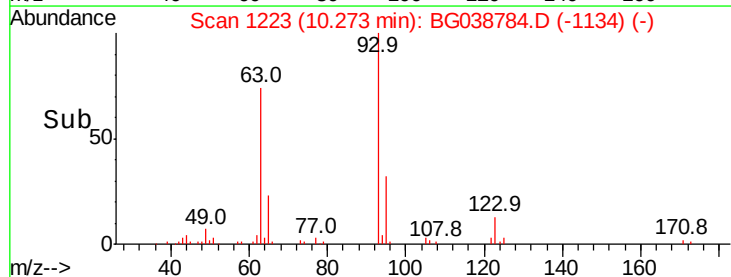
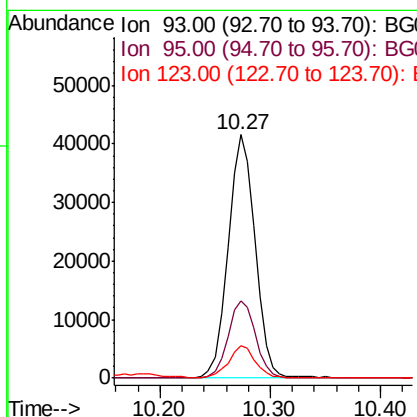
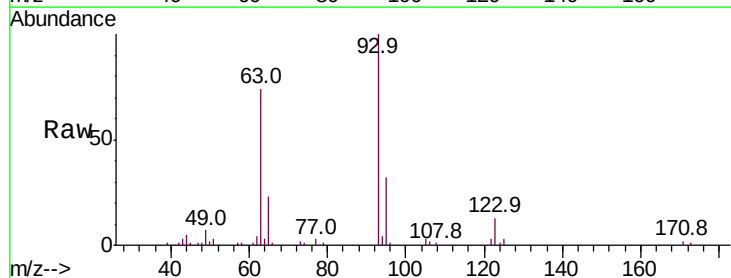
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

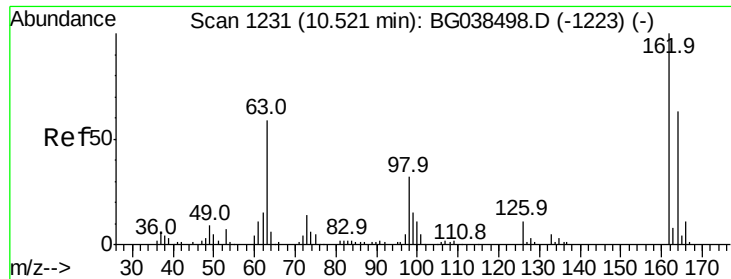
Tot Ion:122 Resp: 63770
 Ion Ratio Lower Upper
 122 100
 107 118.0 98.4 147.6
 121 55.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.608 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion: 93 Resp: 71123
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.6 40.0
 123 13.3 10.6 16.0

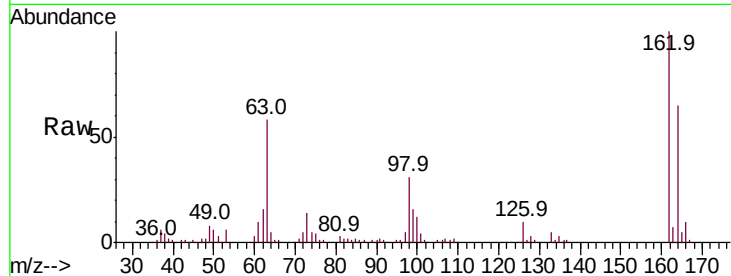




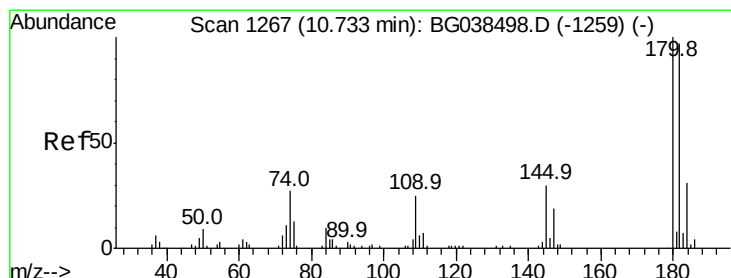
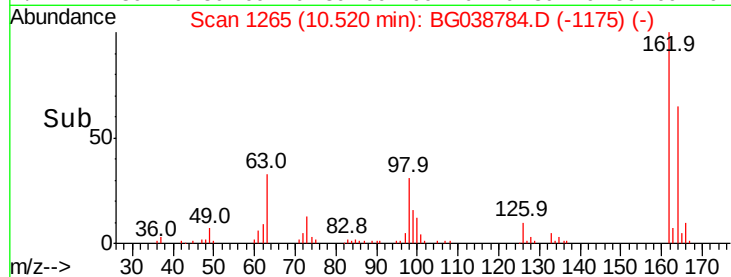
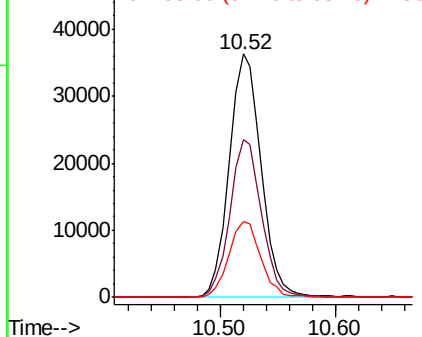
#29
 2,4-Dichlorophenol
 Concen: 46.389 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.9	82.9
98	31.0	12.1	52.1

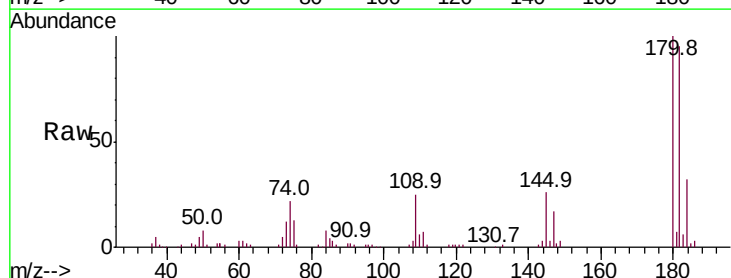


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

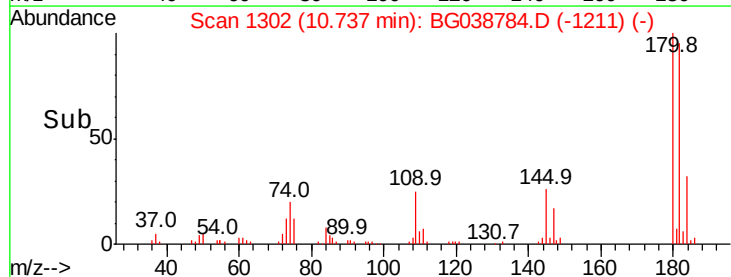
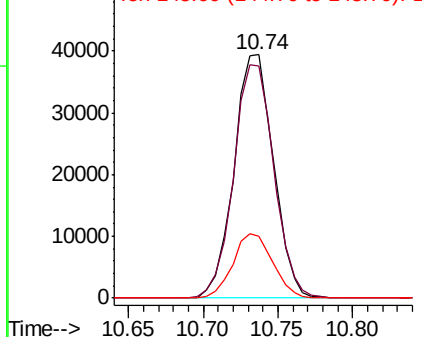


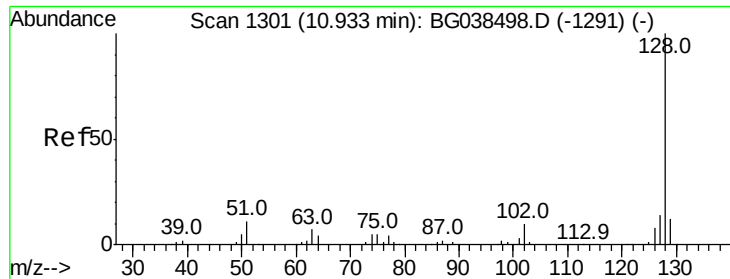
#30
 1,2,4-Trichlorobenzene
 Concen: 39.928 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.4	116.0
145	25.6	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

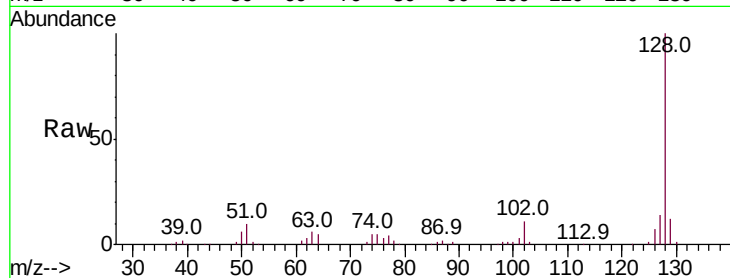




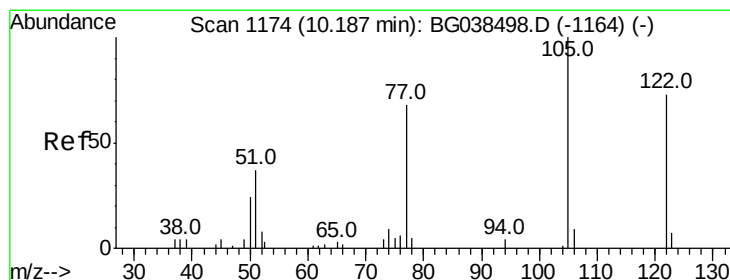
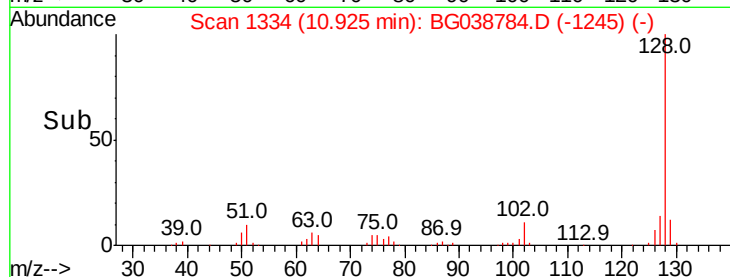
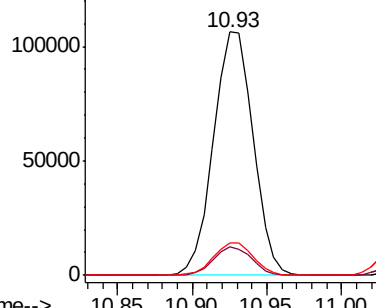
#31
Naphthalene
Concen: 42.867 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampled :
PB115587BS

Tot Ion:128 Resp: 196044
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.5 10.9 16.3

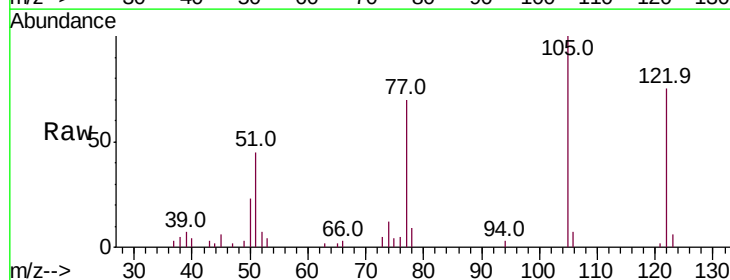


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

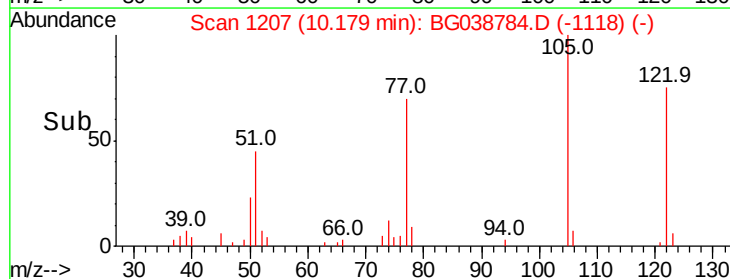
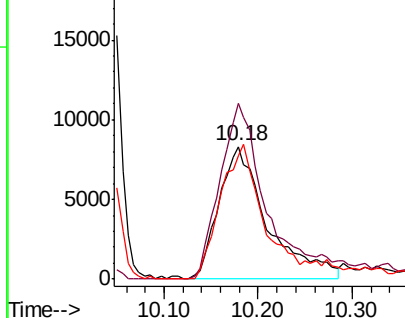


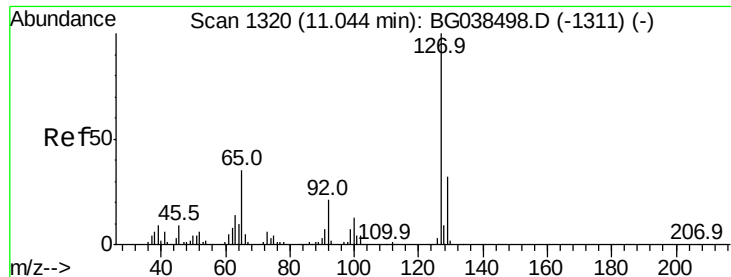
#32
Benzoic acid
Concen: 37.862 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:122 Resp: 30091
Ion Ratio Lower Upper
122 100
105 132.8 116.7 156.7
77 93.3 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

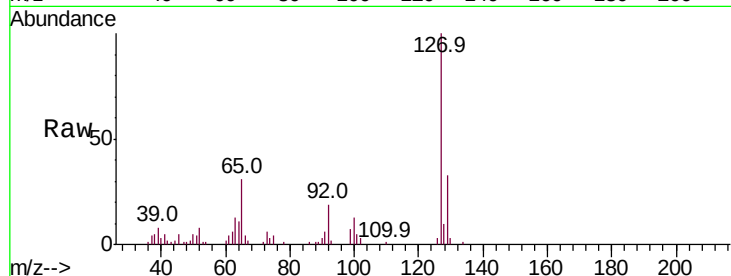




#33
4-Chloroaniline
Concen: 26.375 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:	127	Resp:	52368
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.8
65	31.5	27.8	41.6
92	18.8	17.0	25.6



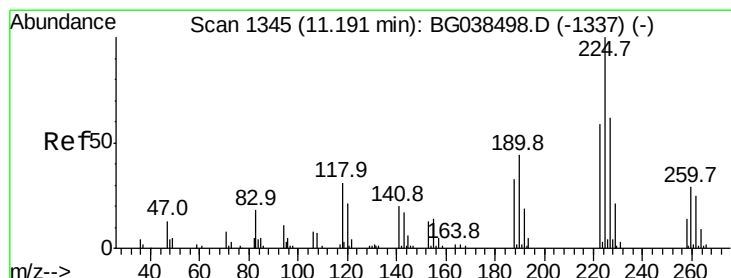
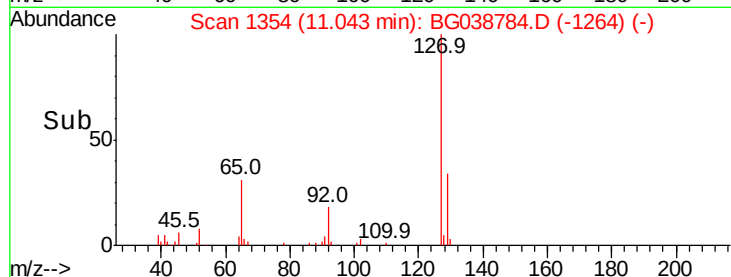
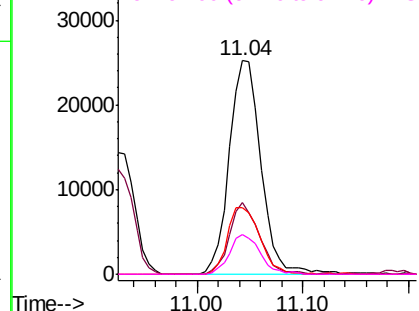
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

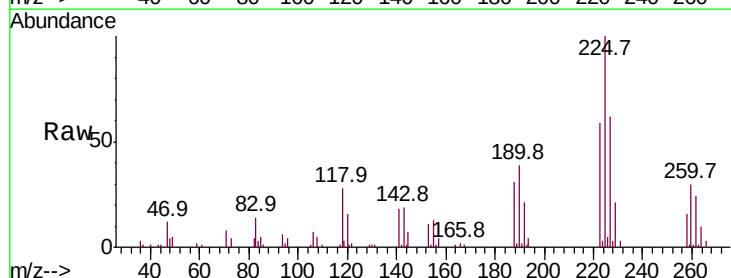
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.120 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:	225	Resp:	47957
Ion	Ratio	Lower	Upper
225	100		
223	59.5	45.0	67.6
227	61.5	50.6	75.8

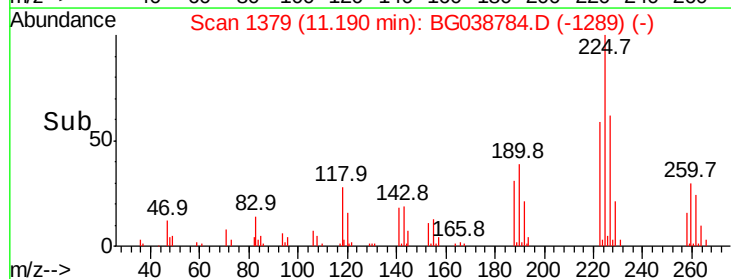
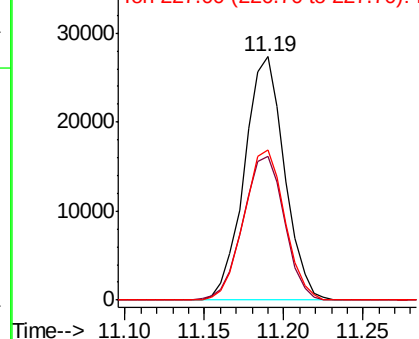


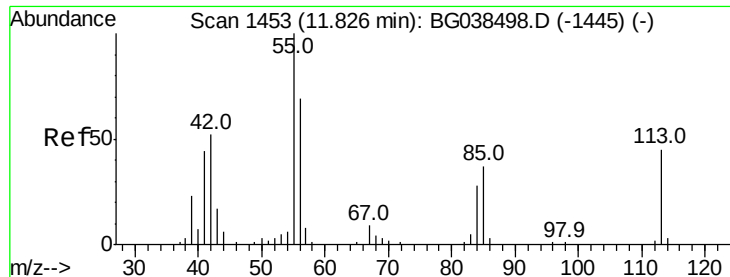
Abundance

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: 38.925 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

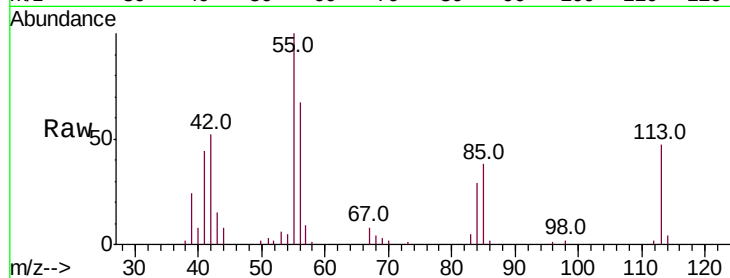
Tot Ion:113 Resp: 24161

Ion Ratio Lower Upper

113 100

55 214.7 204.3 244.3

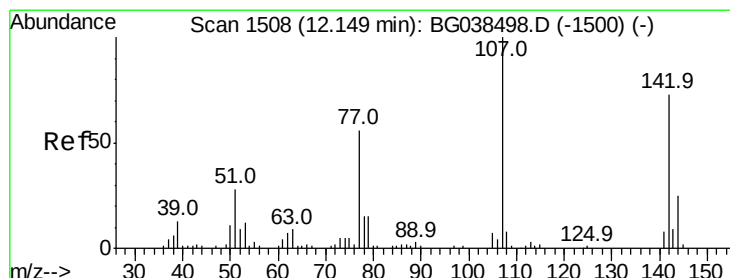
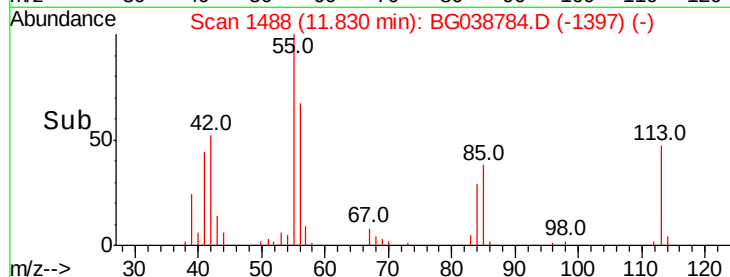
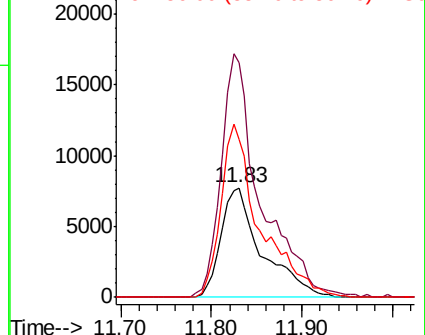
56 144.1 135.0 175.0



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: 42.731 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

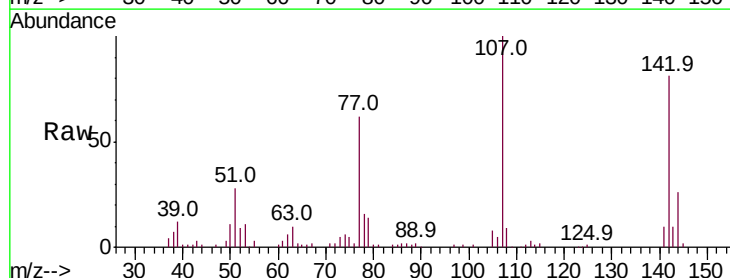
Tgt Ion:107 Resp: 73139

Ion Ratio Lower Upper

107 100

144 26.1 20.1 30.1

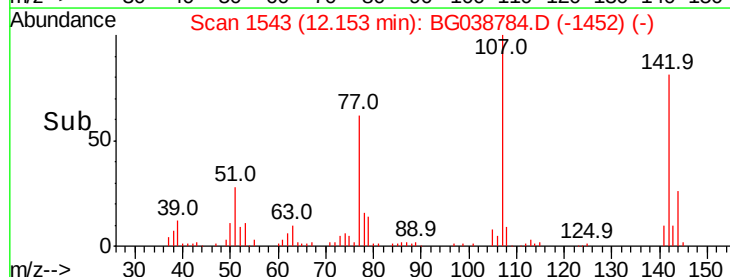
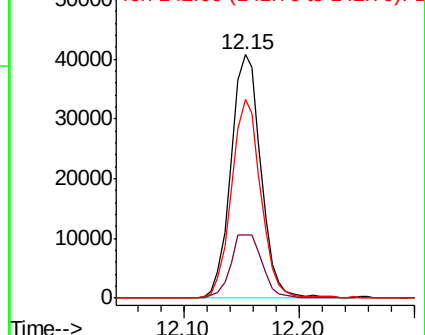
142 81.4 58.7 88.1

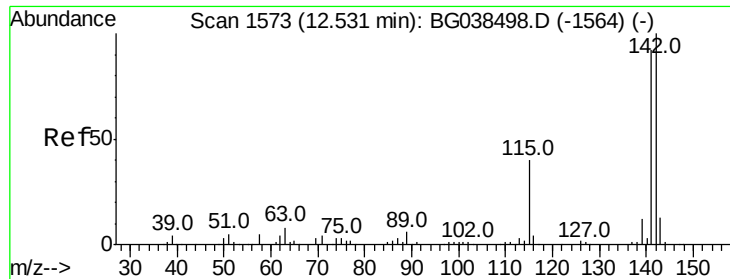


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

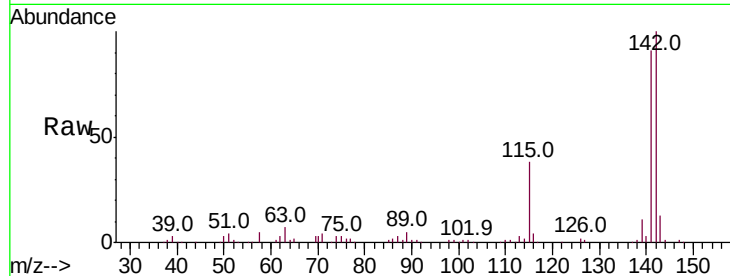




#37
2-Methylnaphthalene
Concen: 45.975 ng
RT: 12.53 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.5	110.3
115	38.0	31.7	47.5

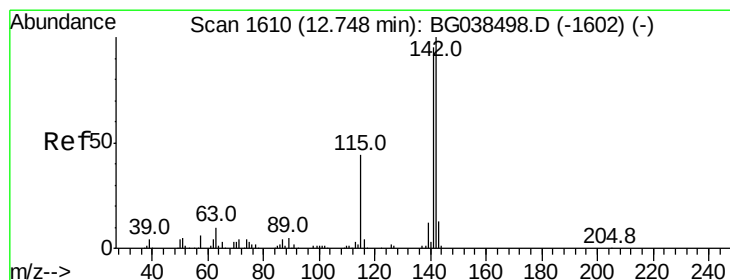
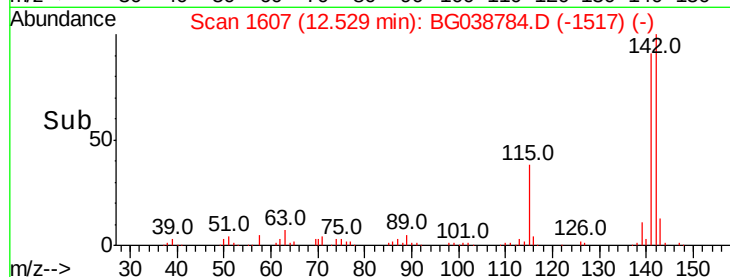
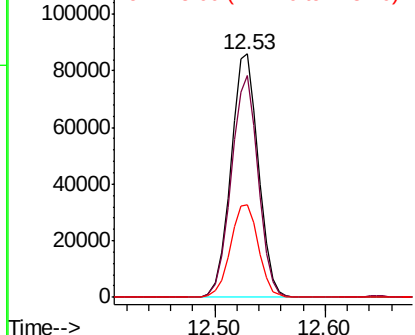


Abundance

Ion 142.00 (141.70 to 142.70): E

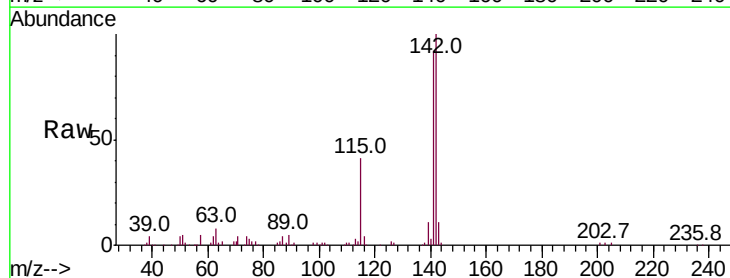
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.431 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.8	113.8
116	4.4	3.6	5.4

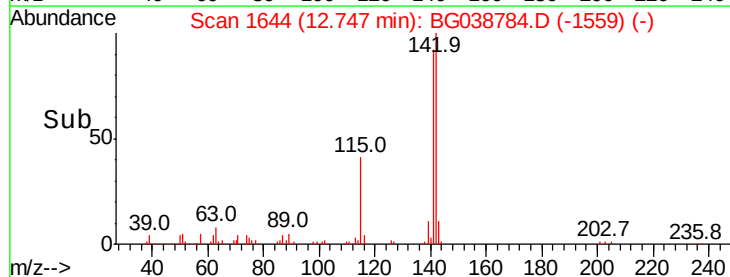
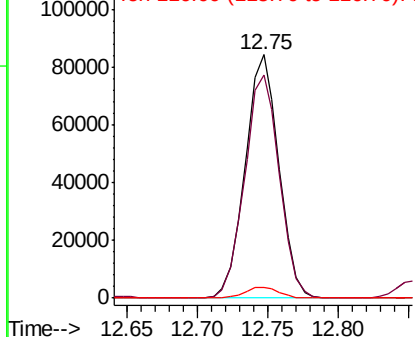


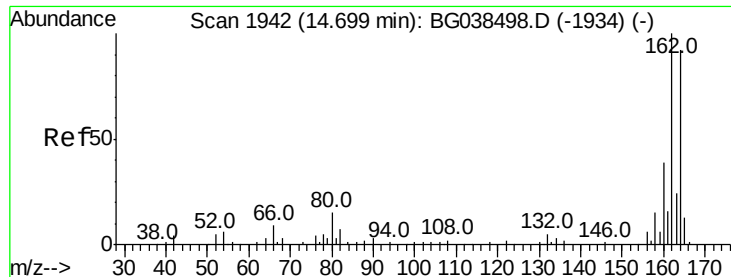
Abundance

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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

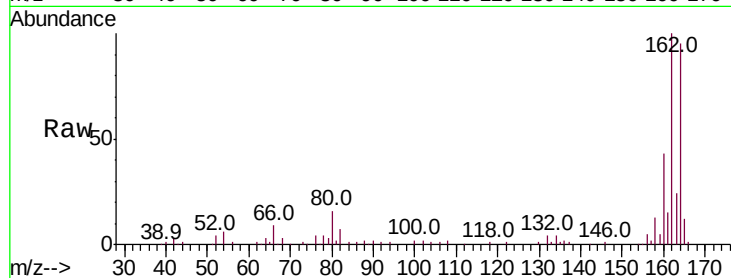
Tot Ion:164 Resp: 64986

Ion Ratio Lower Upper

164 100

162 105.6 86.6 130.0

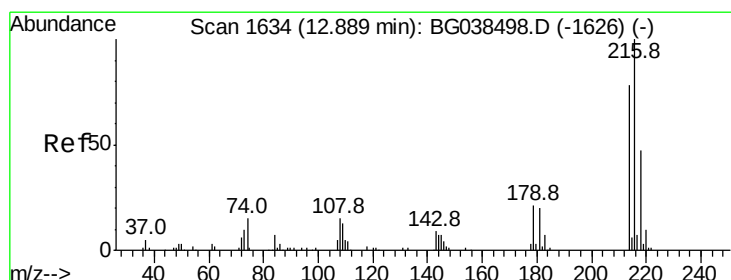
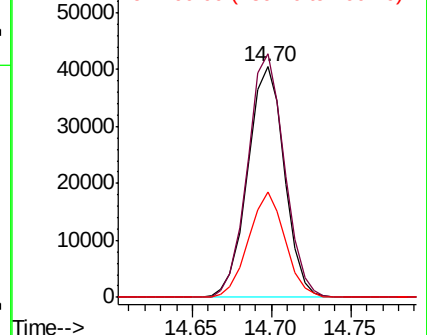
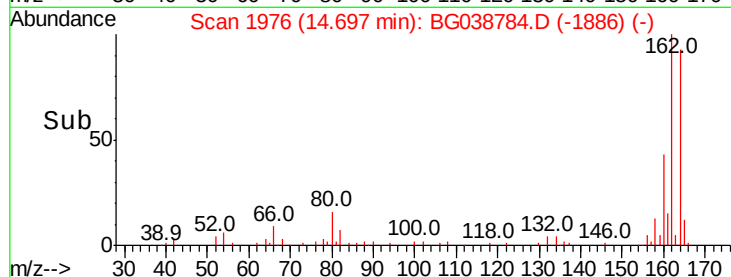
160 45.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.581 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Tgt Ion:216 Resp: 91290

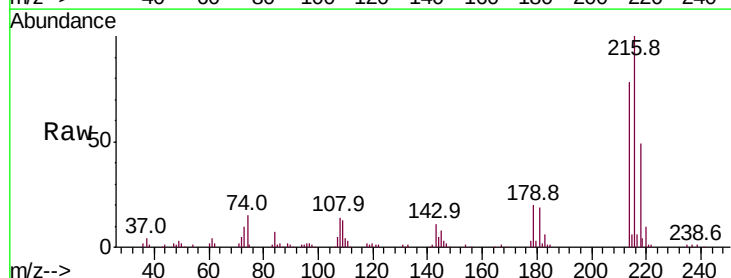
Ion Ratio Lower Upper

216 100

214 77.9 64.1 96.1

179 19.5 16.4 24.6

108 16.8 13.9 20.9

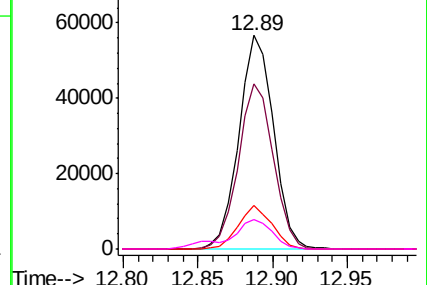
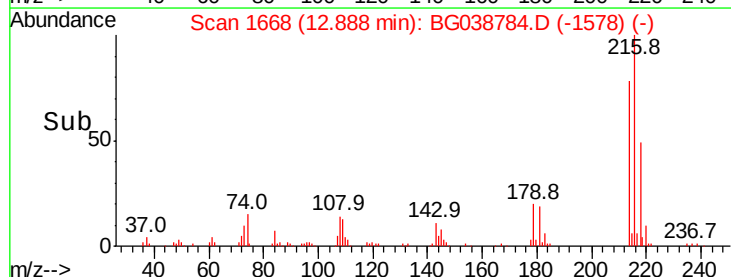


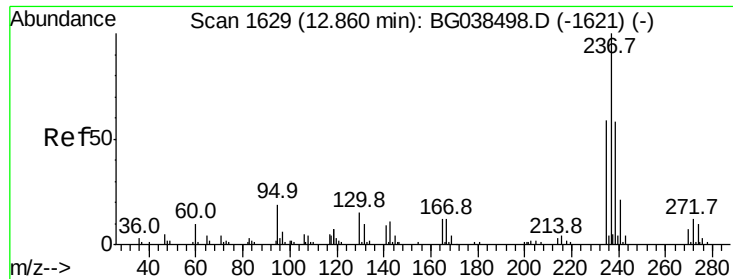
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.466 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

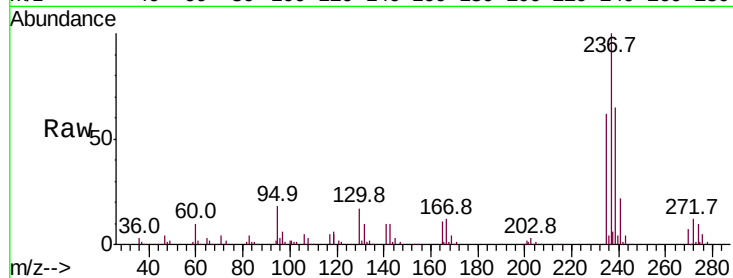
Tot Ion:237 Resp: 103383

Ion Ratio Lower Upper

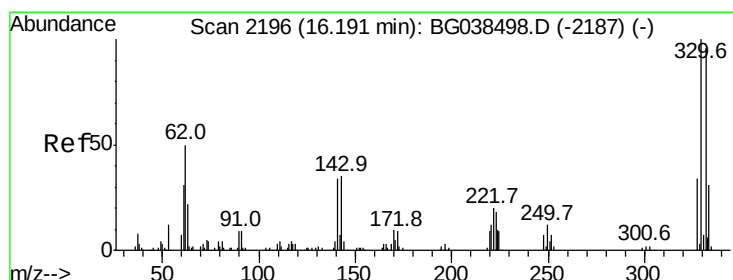
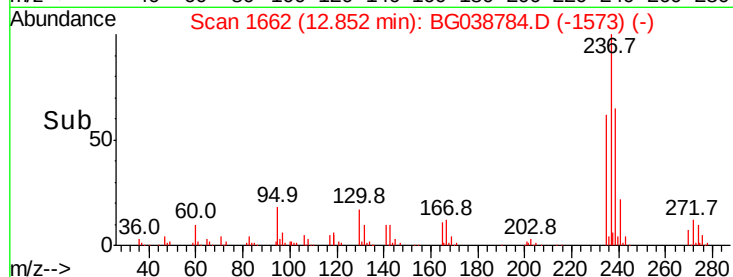
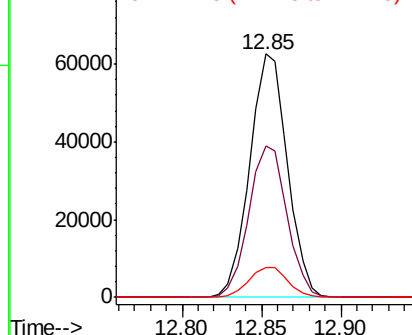
237 100

235 62.2 38.8 78.8

272 12.3 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 126.942 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

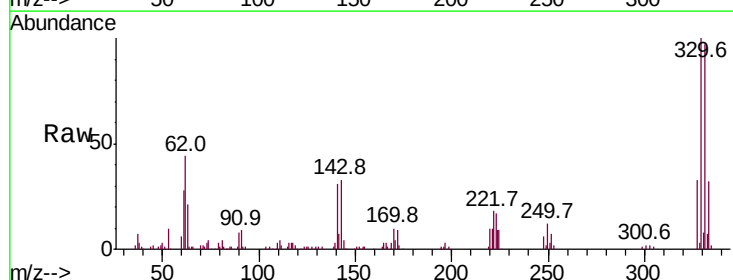
Tgt Ion:330 Resp: 113692

Ion Ratio Lower Upper

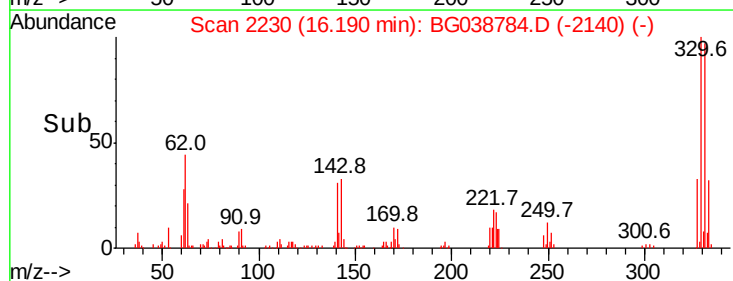
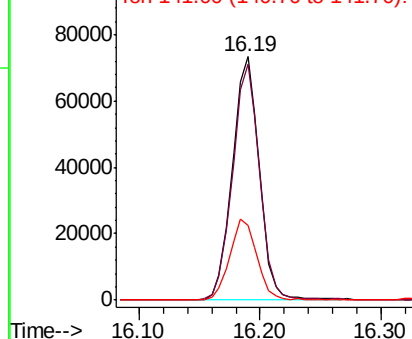
330 100

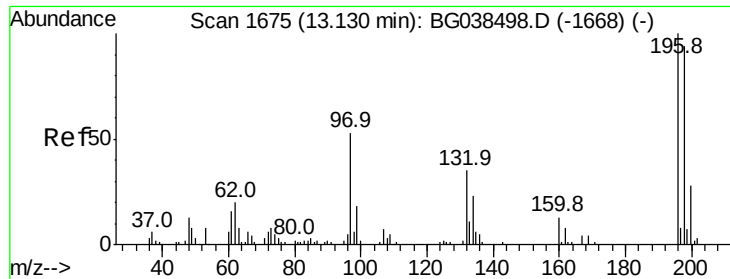
332 97.6 76.9 115.3

141 33.7 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

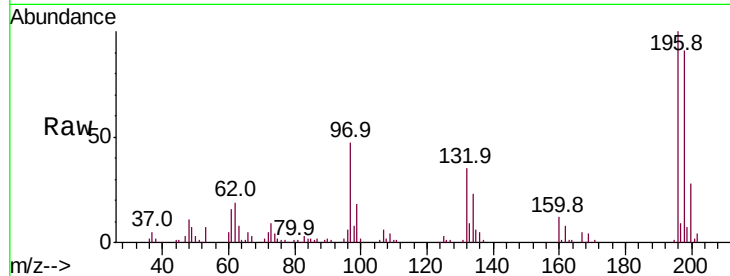




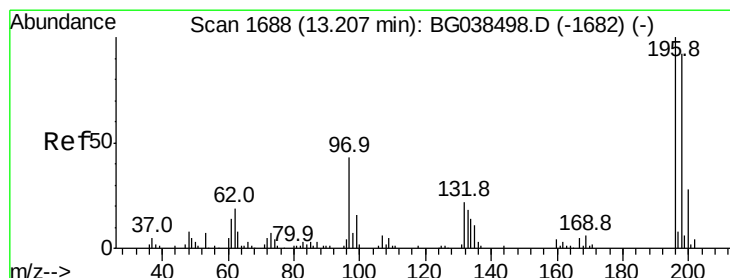
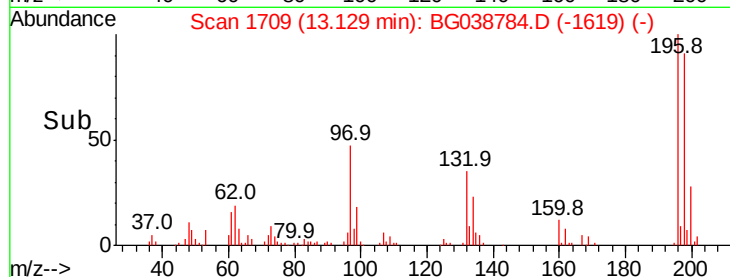
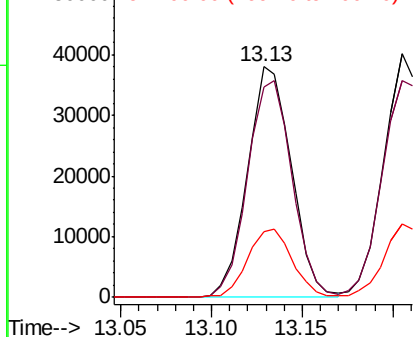
#43
 2,4,6-Trichlorophenol
 Concen: 42.802 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Instrument :
 BNA_G
 ClientSampled :
 PB115587BS

Tot Ion:196 Resp: 63929
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.0 112.4
 200 28.5 22.4 33.6

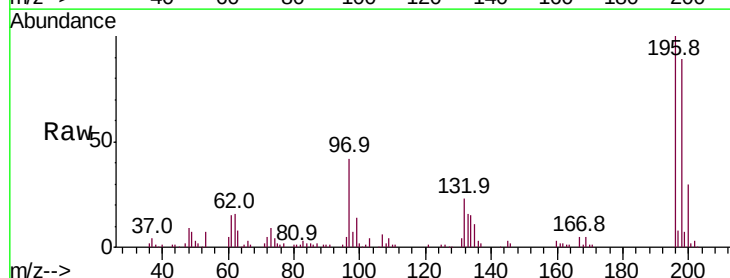


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

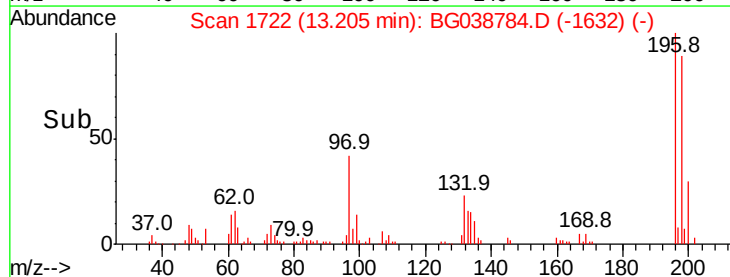
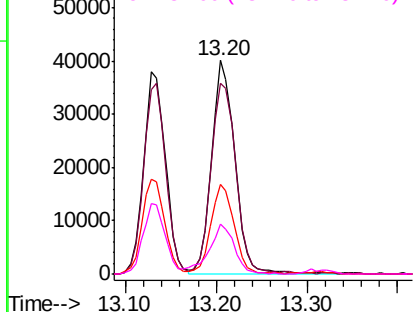


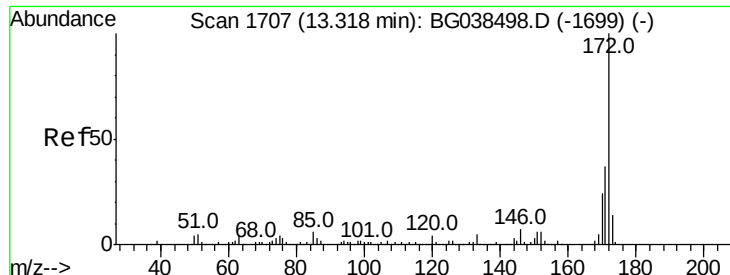
#44
 2,4,5-Trichlorophenol
 Concen: 45.353 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion:196 Resp: 71721
 Ion Ratio Lower Upper
 196 100
 198 89.2 74.0 111.0
 97 41.7 35.1 52.7
 132 23.1 18.0 27.0



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

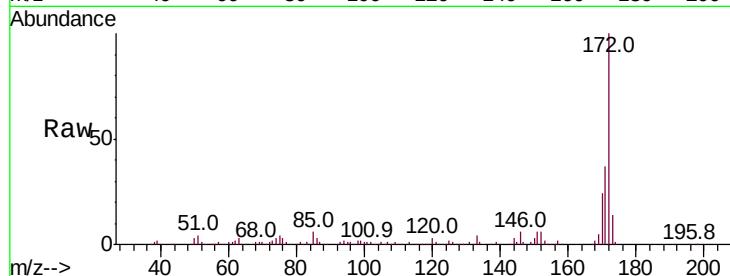




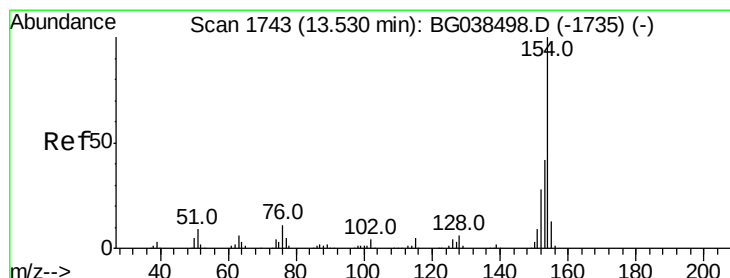
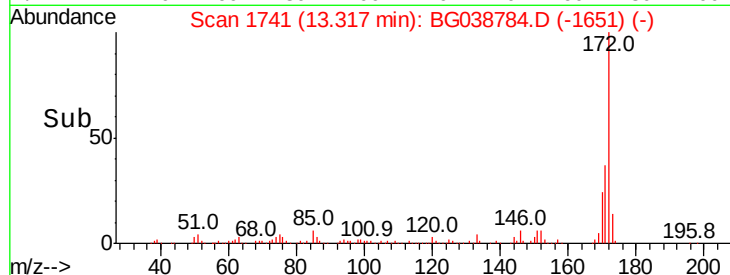
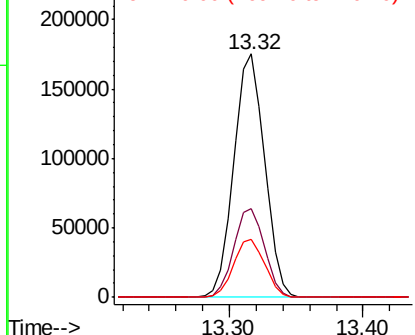
#45
2-Fluorobiphenyl
Concen: 59.205 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:172 Resp: 280460
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.0 19.5 29.3

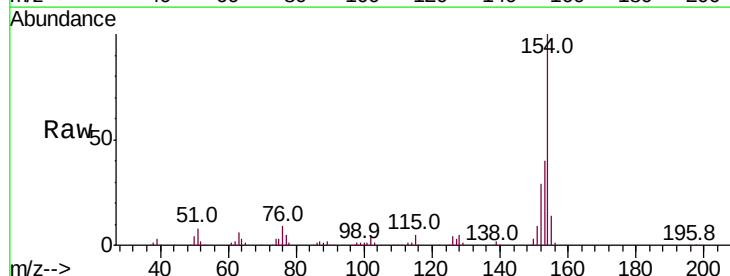


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

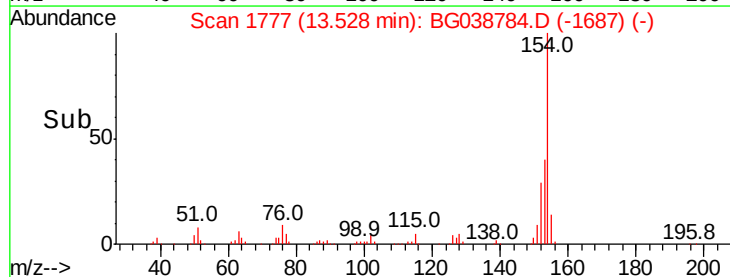
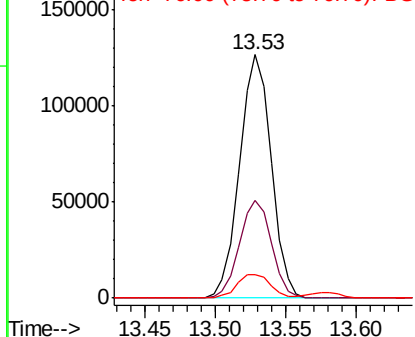


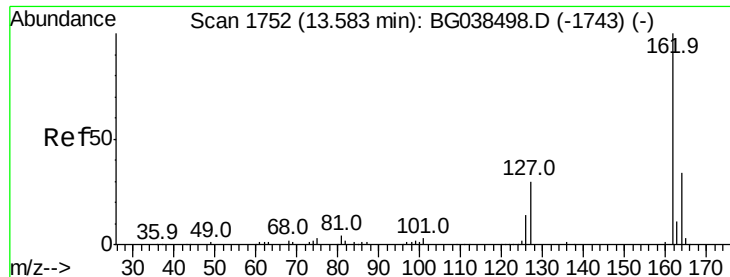
#46
1,1'-Biphenyl
Concen: 36.416 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:154 Resp: 198393
Ion Ratio Lower Upper
154 100
153 39.9 22.1 62.1
76 9.5 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

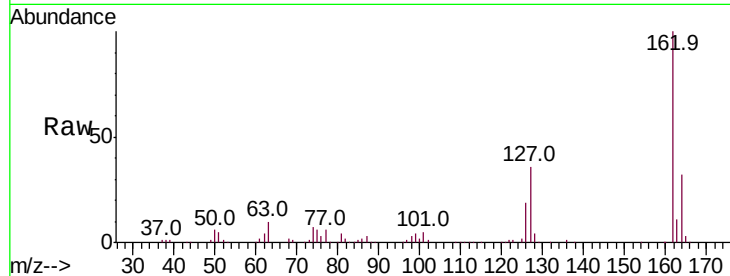




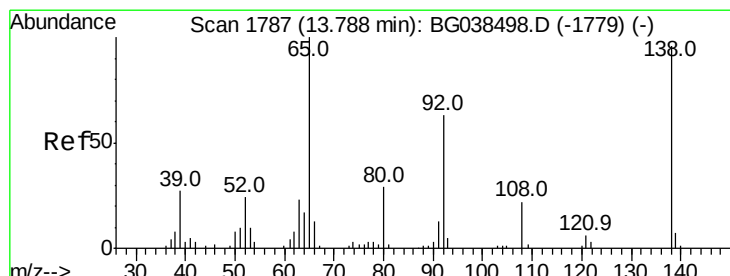
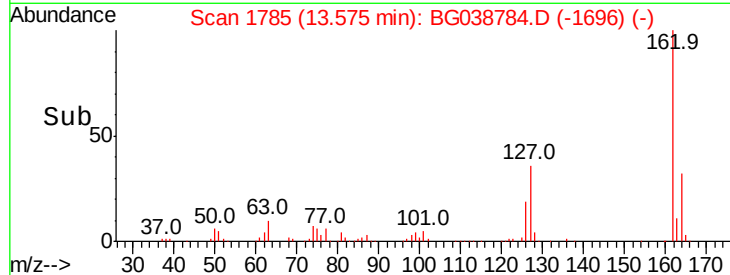
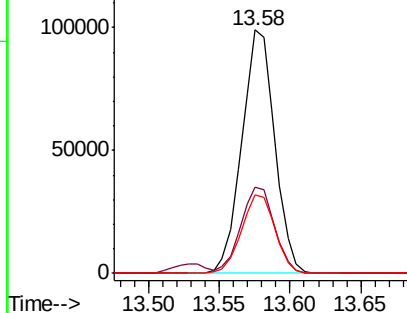
#47
 2-Chloronaphthalene
 Concen: 38.453 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	27.8	41.8
164	32.3	26.9	40.3

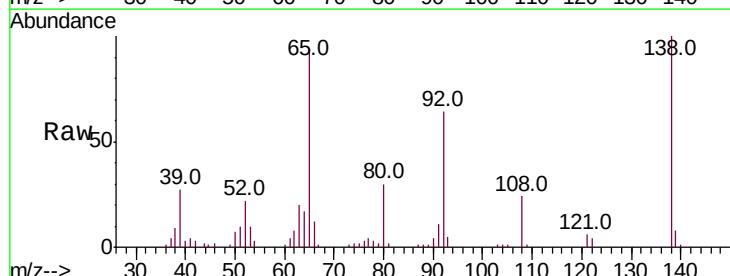


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

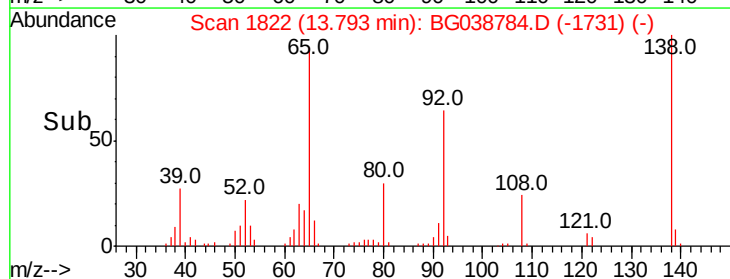
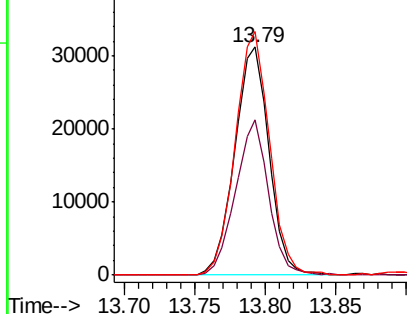


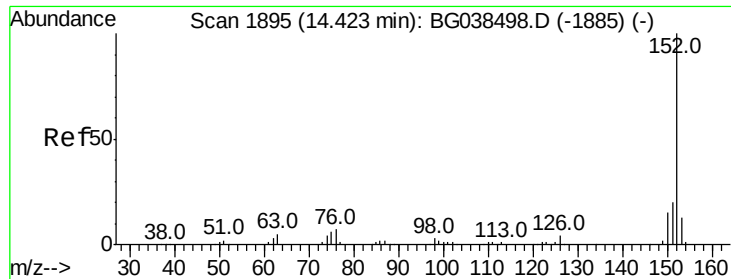
#48
 2-Nitroaniline
 Concen: 39.413 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	50.0	75.0
138	106.9	76.9	115.3



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





#49

Acenaphthylene

Concen: 42.228 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

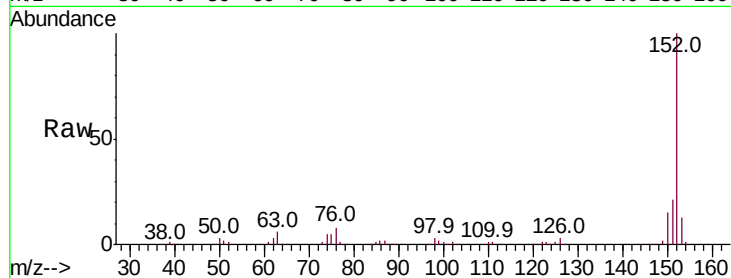
Tot Ion:152 Resp: 265659

Ion Ratio Lower Upper

152 100

151 20.9 16.4 24.6

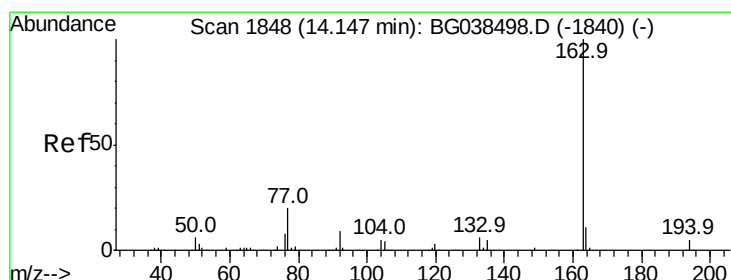
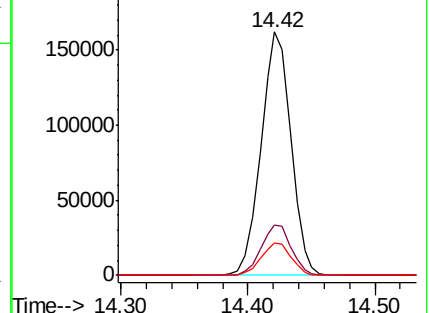
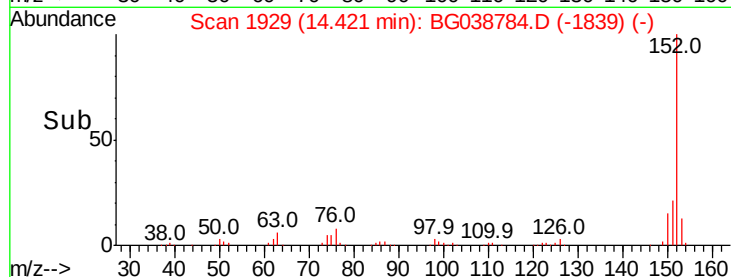
153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.772 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

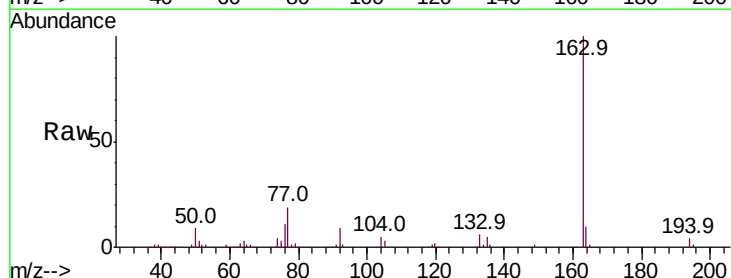
Tgt Ion:163 Resp: 216377

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

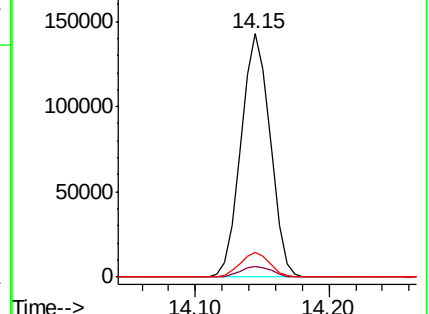
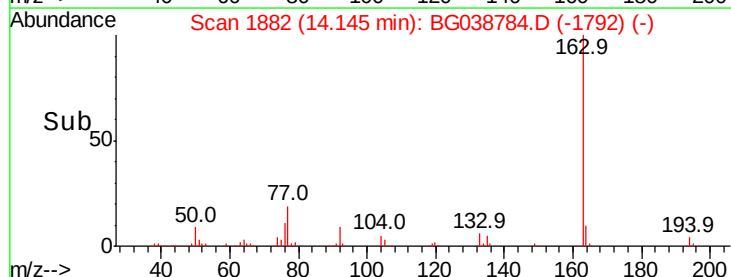
164 10.1 8.6 12.8

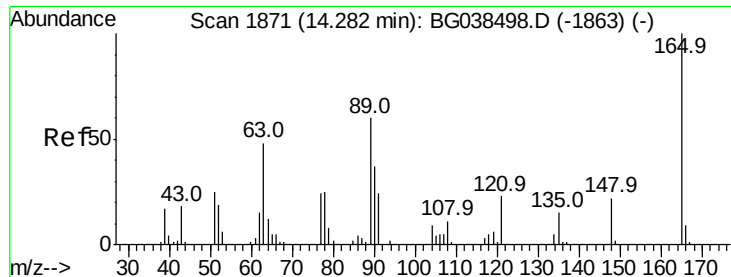


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

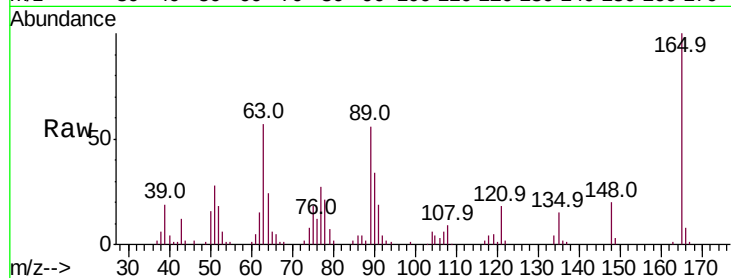




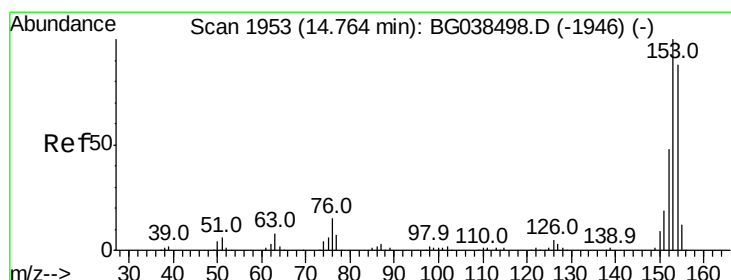
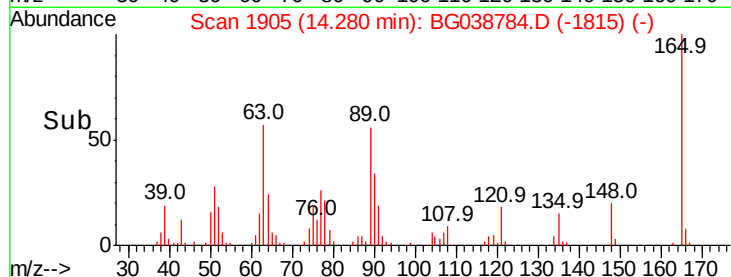
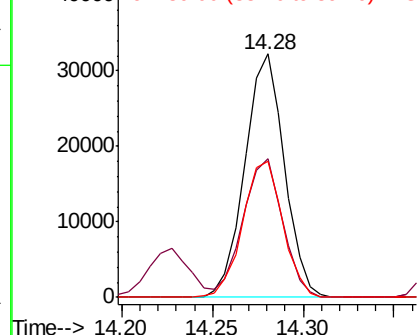
#51
 2,6-Dinitrotoluene
 Concen: 40.556 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion:165 Resp: 48775
 Ion Ratio Lower Upper
 165 100
 63 57.1 51.8 77.6
 89 55.9 47.9 71.9

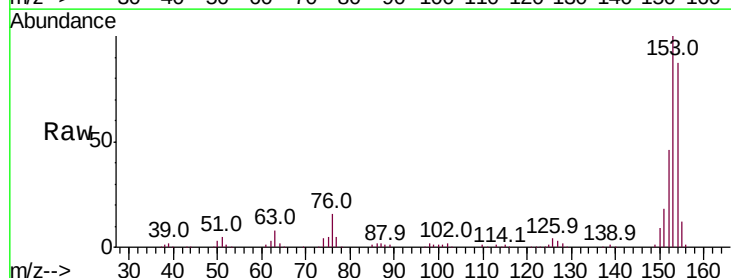


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

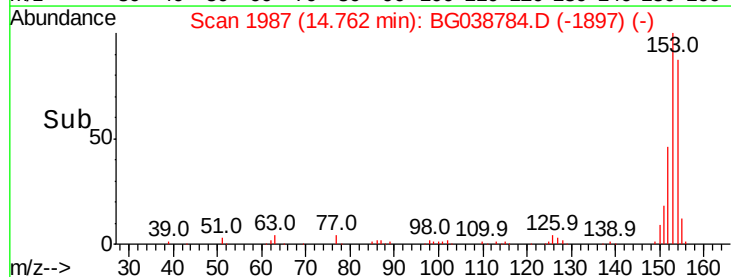
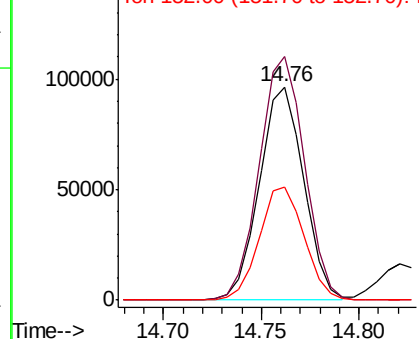


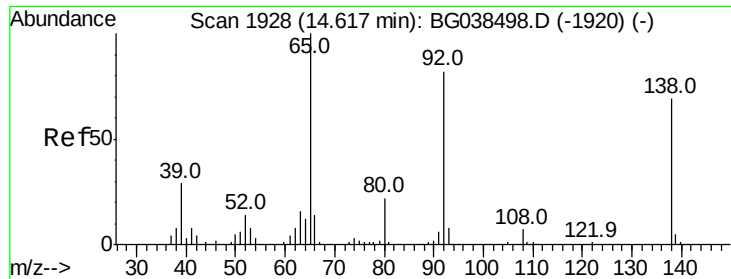
#52
 Acenaphthene
 Concen: 40.319 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion:154 Resp: 151675
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.6 136.0
 152 52.8 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

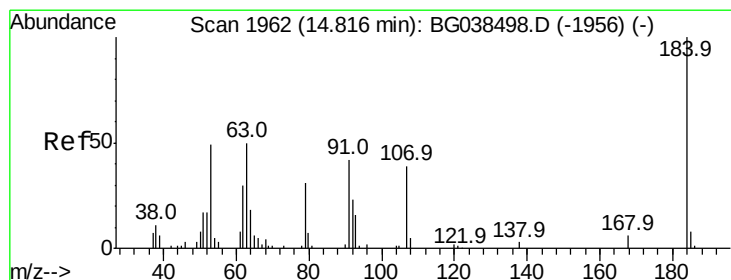
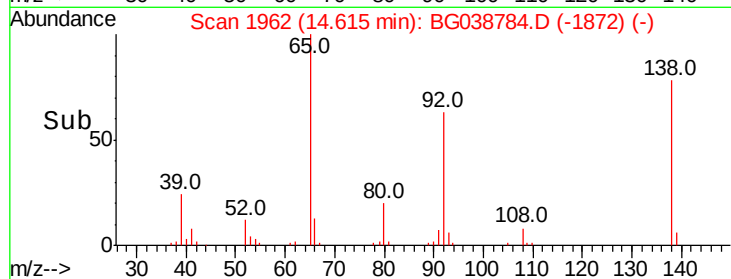
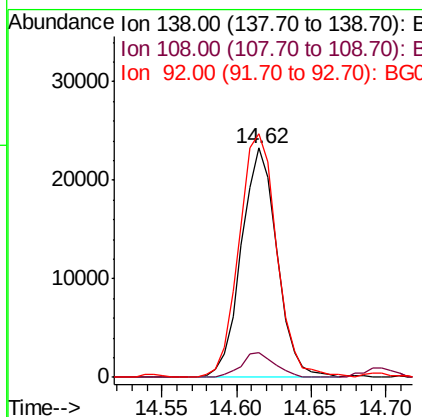
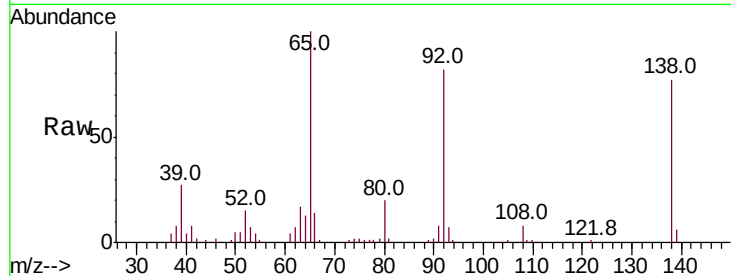




#53
3-Nitroaniline
Concen: 31.422 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

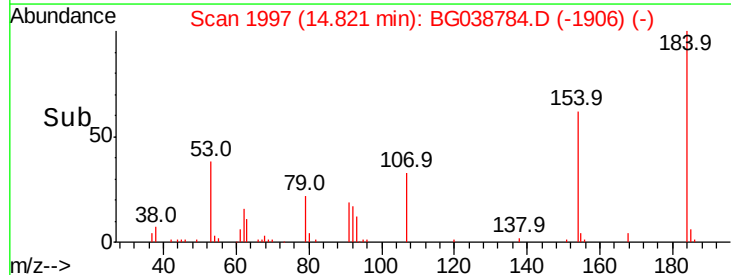
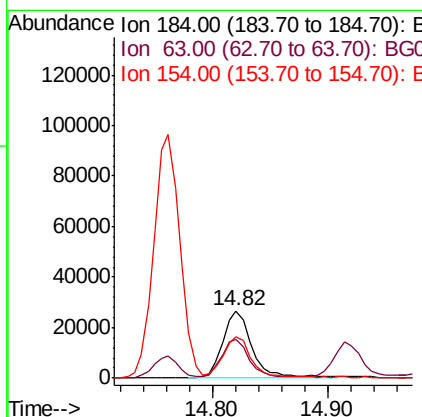
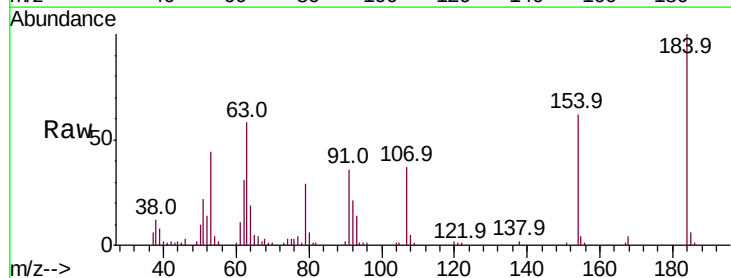
Instrument :
BNA_G
ClientSampleId :
PB115587BS

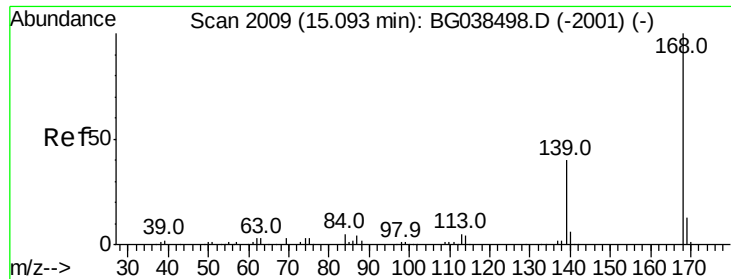
Tot Ion:138 Resp: 38522
Ion Ratio Lower Upper
138 100
108 10.6 7.9 11.9
92 106.3 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 66.450 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:184 Resp: 46879
Ion Ratio Lower Upper
184 100
63 58.0 47.0 70.6
154 62.2 50.3 75.5

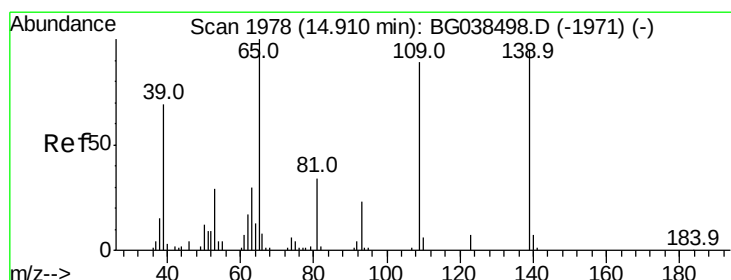
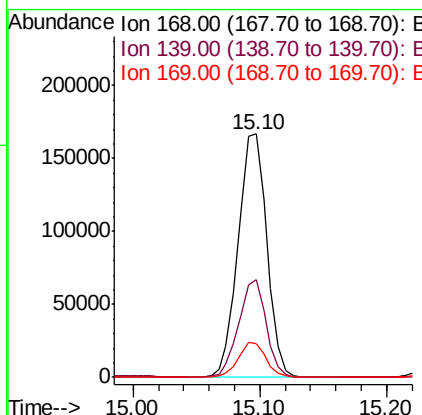
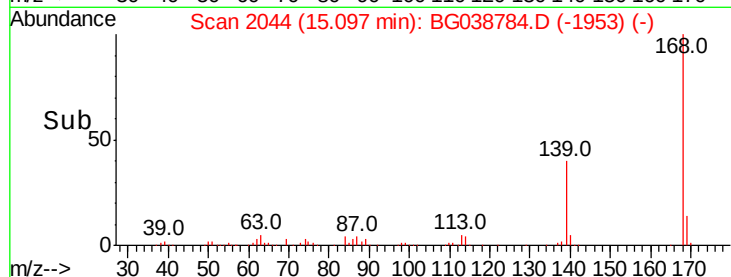
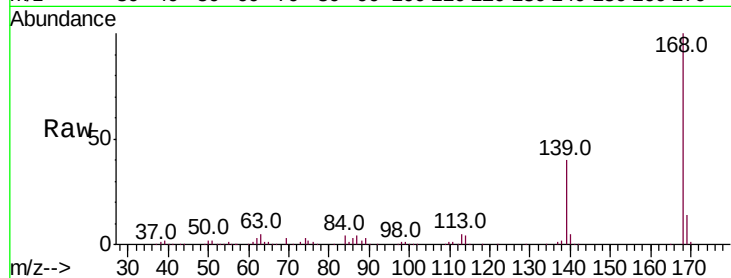




#55
Dibenzenofuran
Concen: 40.667 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

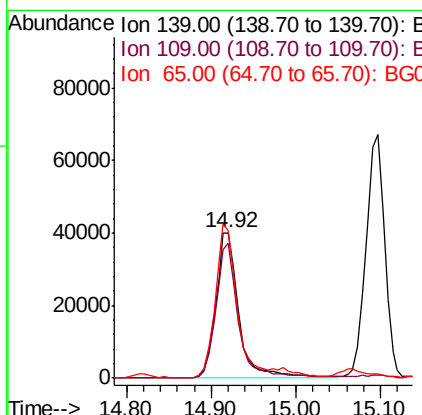
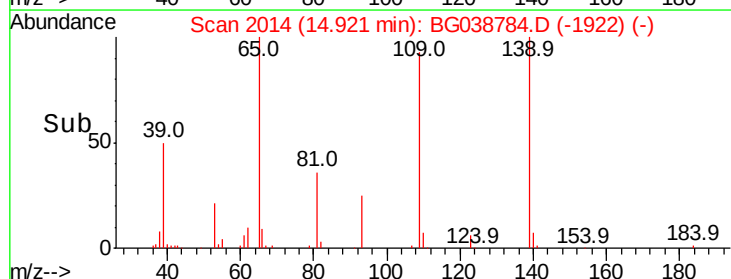
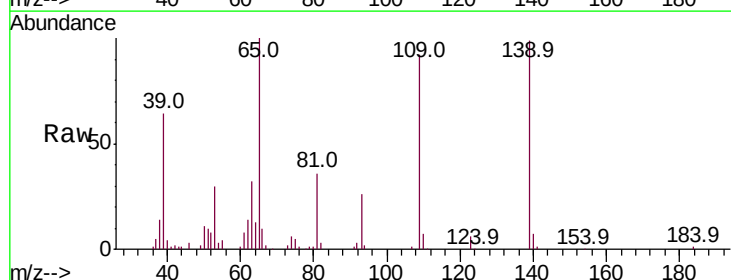
Instrument :
BNA_G
ClientSampleId :
PB115587BS

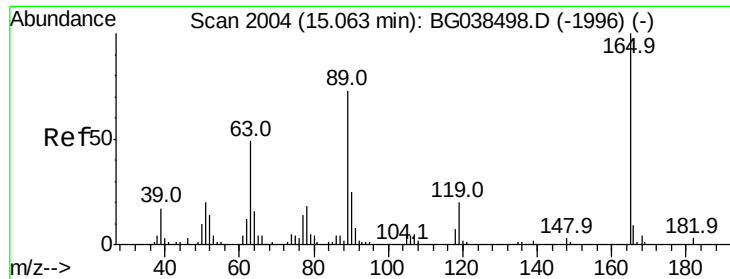
Tot Ion:168 Resp: 262238
Ion Ratio Lower Upper
168 100
139 40.2 32.2 48.2
169 14.0 10.6 16.0



#56
4-Nitrophenol
Concen: 82.452 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:139 Resp: 76684
Ion Ratio Lower Upper
139 100
109 93.2 73.6 113.6
65 101.5 84.8 124.8

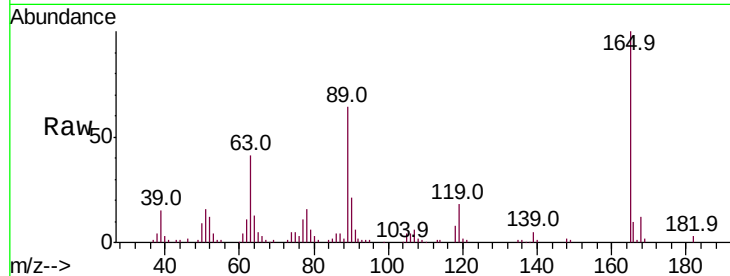




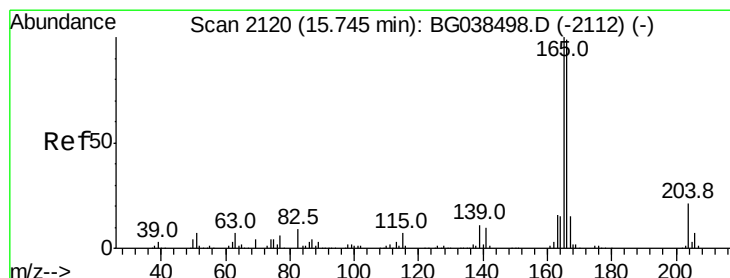
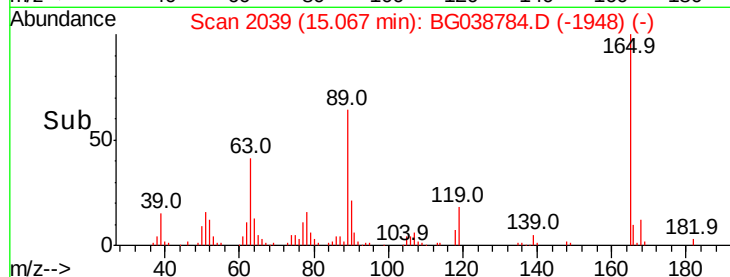
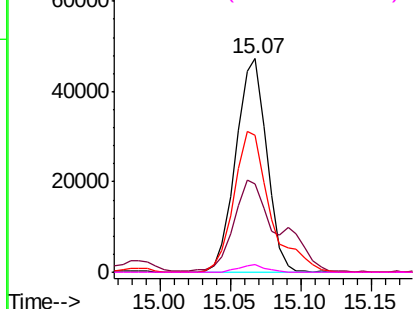
#57
 2,4-Dinitrotoluene
 Concen: 42.699 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion:165 Resp: 72327
 Ion Ratio Lower Upper
 165 100
 63 41.4 39.0 58.4
 89 63.9 58.0 87.0
 182 3.4 2.3 3.5

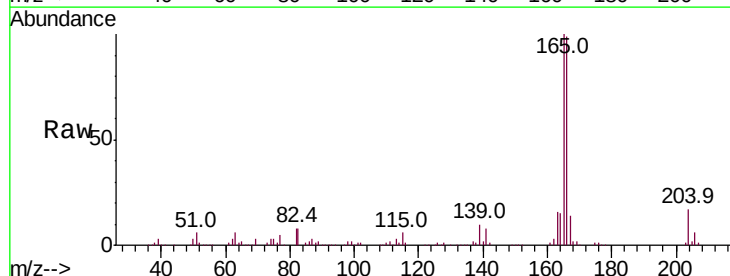


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

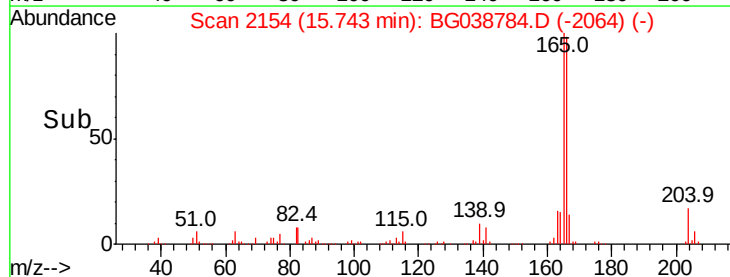
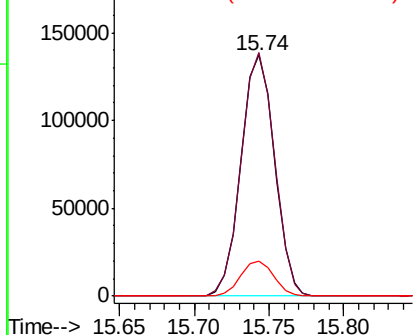


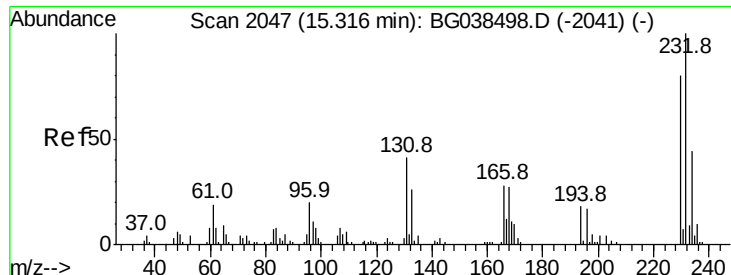
#58
 Fluorene
 Concen: 44.750 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion:166 Resp: 213796
 Ion Ratio Lower Upper
 166 100
 165 101.2 80.6 120.8
 167 14.3 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

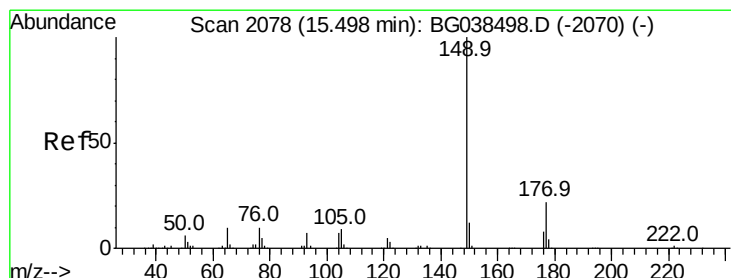
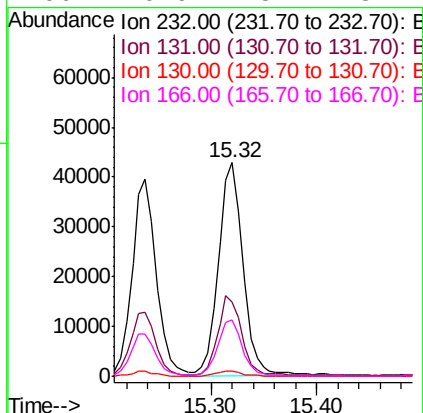
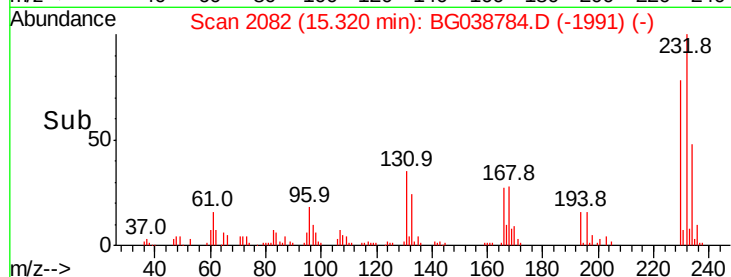
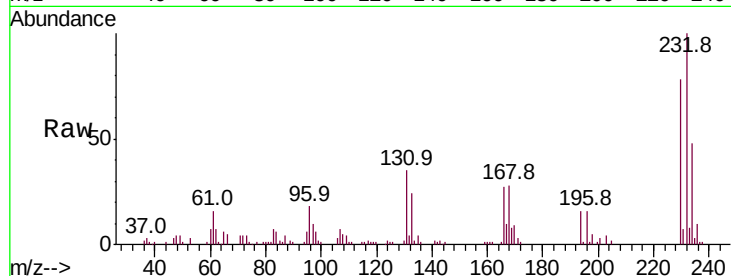




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.678 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

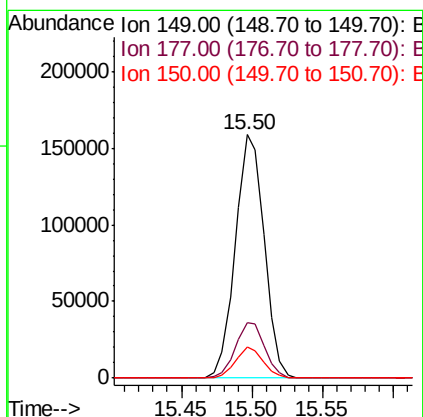
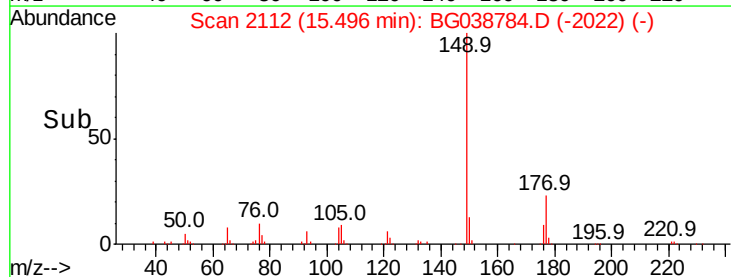
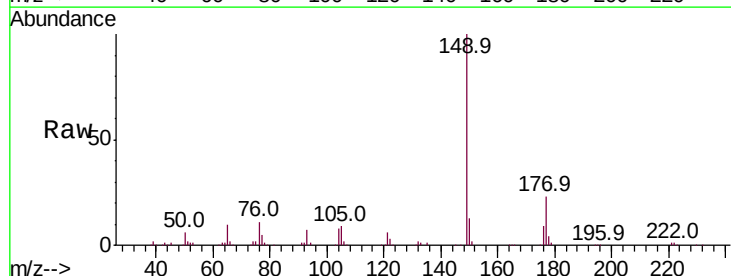
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

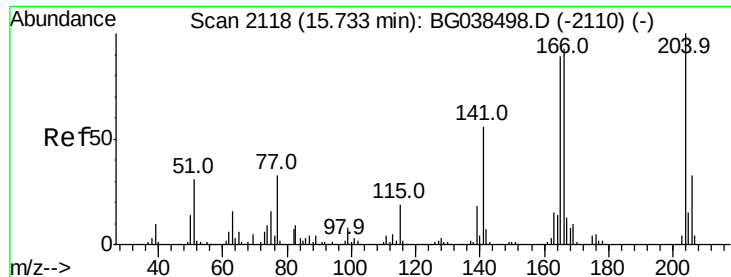
Tot Ion:232 Resp: 69257
 Ion Ratio Lower Upper
 232 100
 131 36.5 33.0 49.4
 130 2.4 2.0 3.0
 166 26.9 23.1 34.7



#60
 Diethylphthalate
 Concen: 38.753 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion:149 Resp: 225770
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.7 26.5
 150 12.5 9.9 14.9

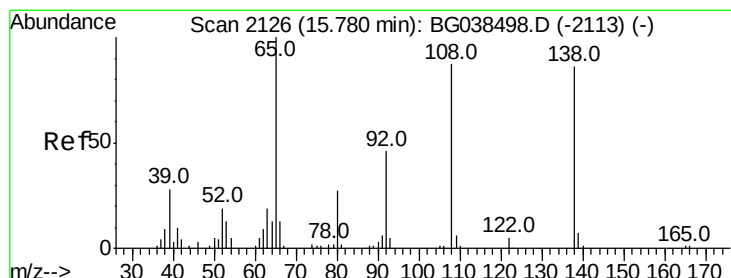
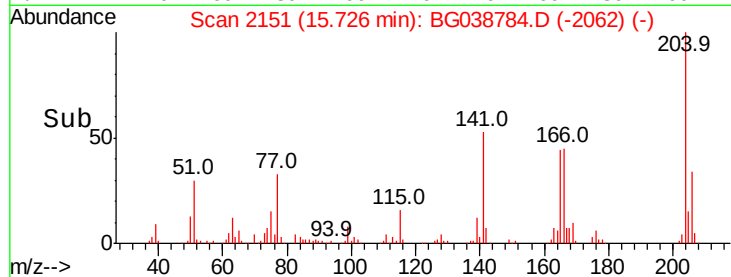
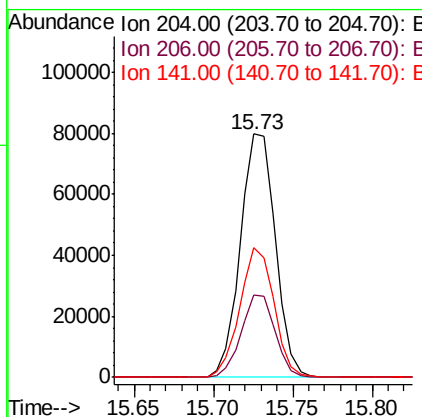
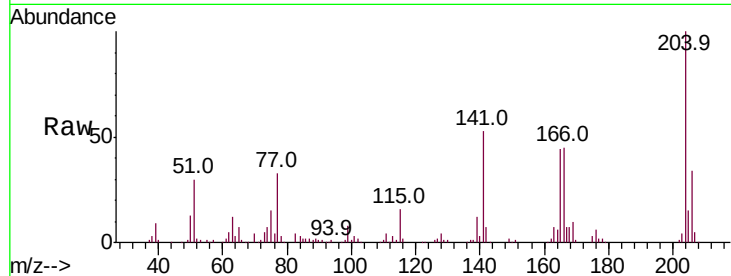




#61
 4-Chlorophenyl-phenylether
 Concen: 41.140 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

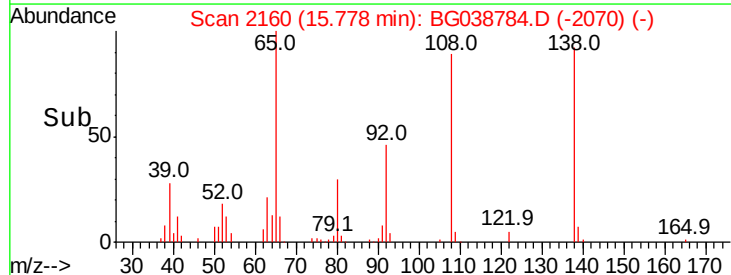
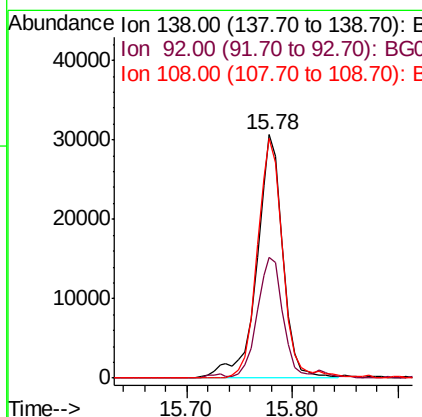
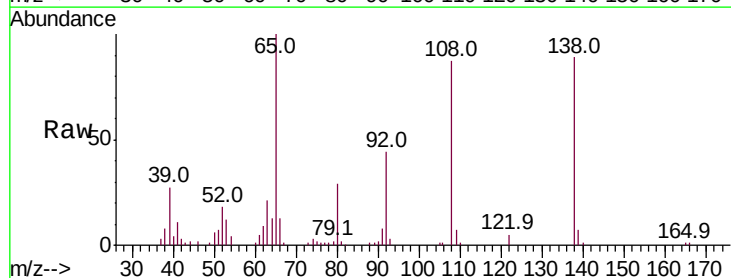
Instrument :
 BNA_G
 ClientSampleID :
 PB115587BS

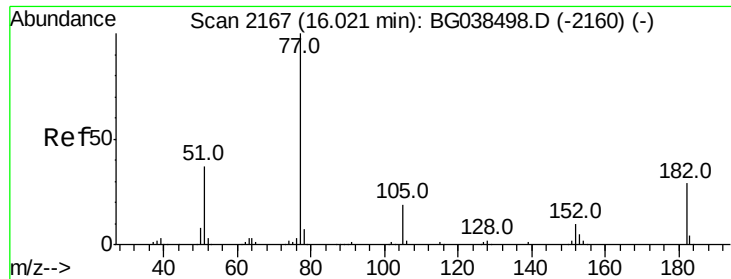
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.0	39.0
141	53.3	44.4	66.6



#62
 4-Nitroaniline
 Concen: 41.656 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	33.3	73.3
108	98.3	81.4	121.4

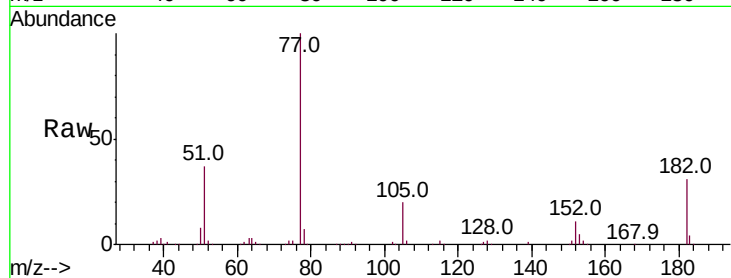




#63
Azobenzene
Concen: 39.045 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:	77	Resp:	190028
Ion	Ratio	Lower	Upper
77	100		
182	30.6	8.7	48.7
105	20.1	0.0	38.7
51	36.7	16.6	56.6



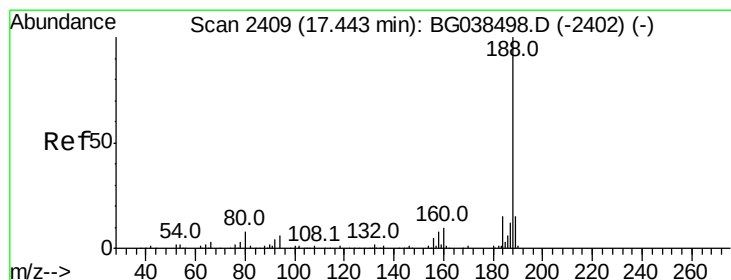
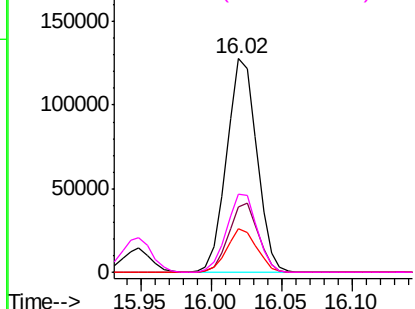
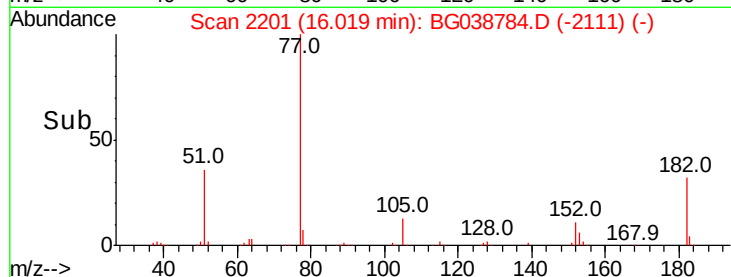
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

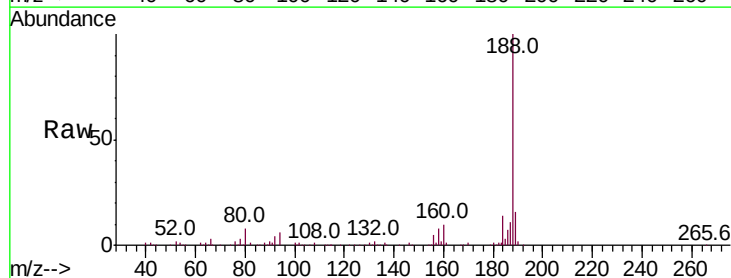
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:	188	Resp:	172138
Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.1	7.7
80	7.6	6.1	9.1

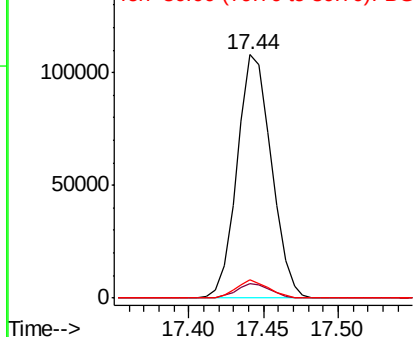
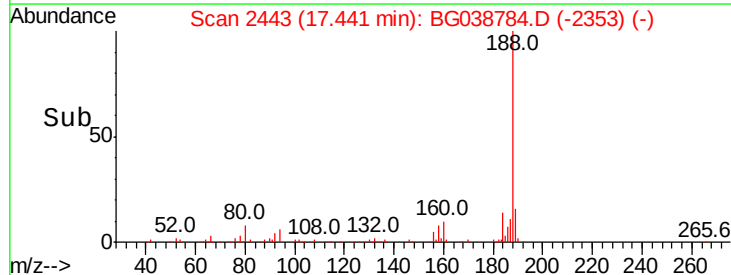


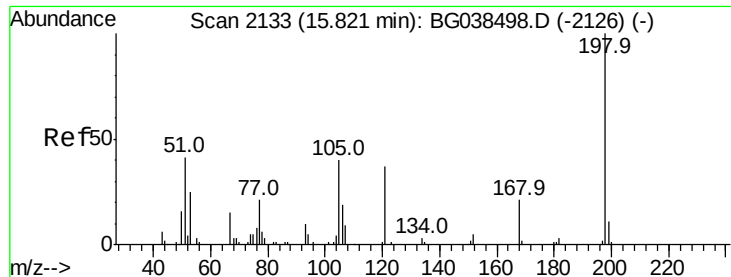
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

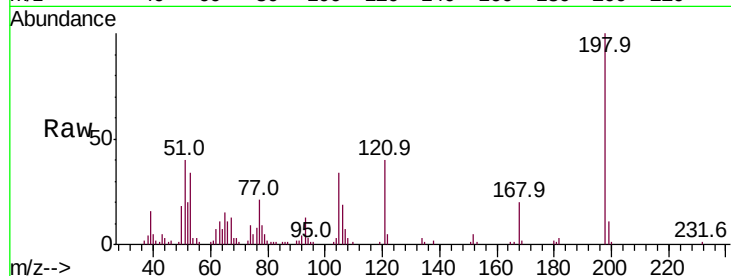




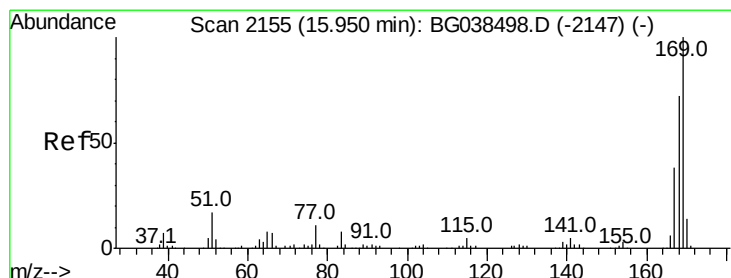
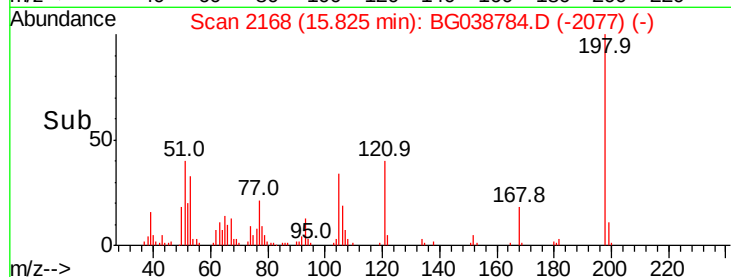
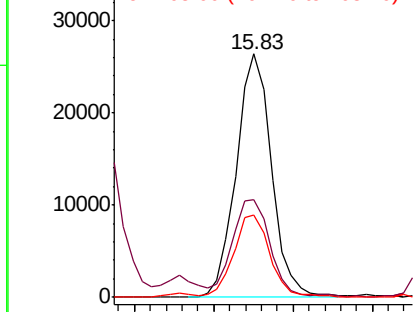
#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.281 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.0	28.6	68.6
105	33.7	20.4	60.4

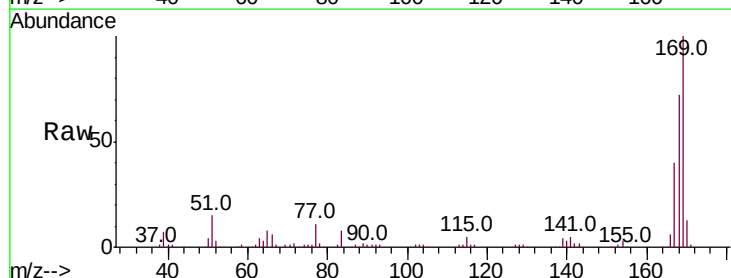


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

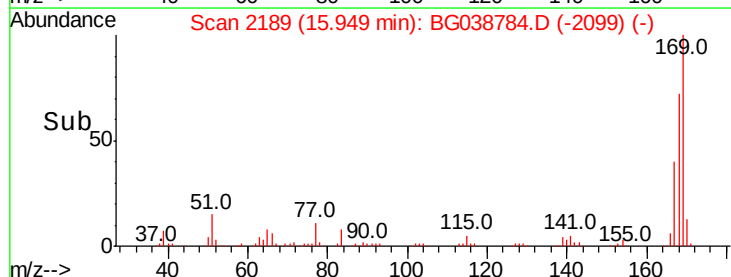
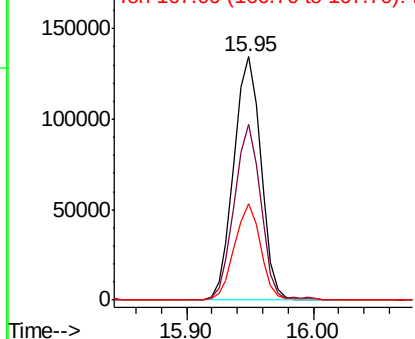


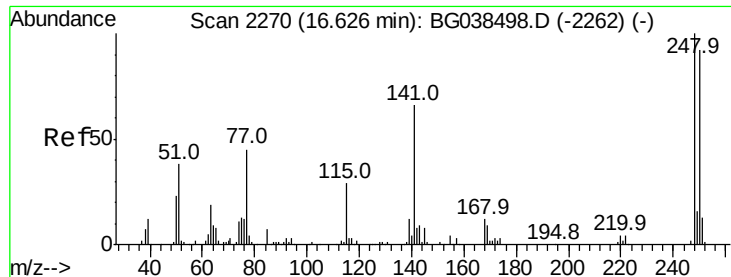
#66
 n-Nitrosodiphenylamine
 Concen: 39.334 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.2	57.5	86.3
167	39.6	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

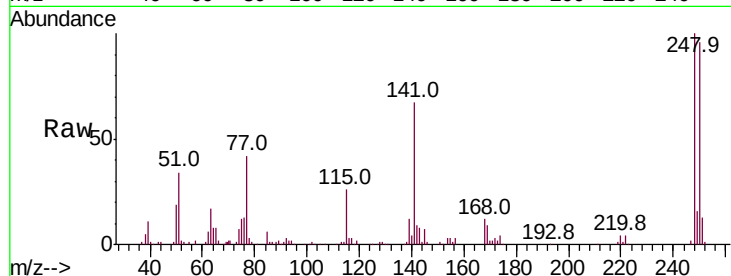




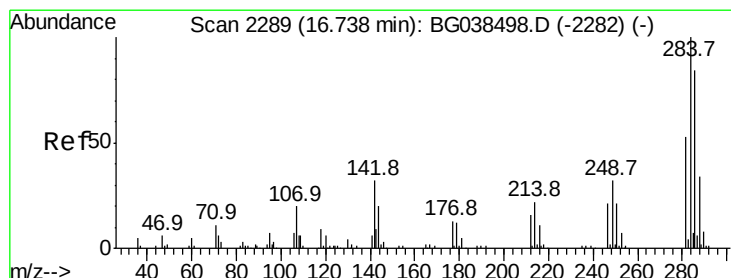
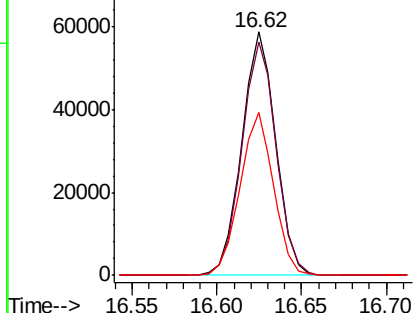
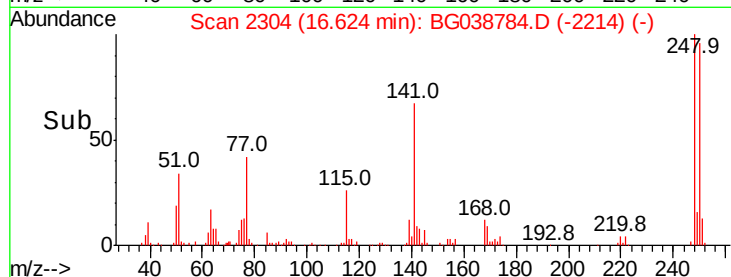
#67
4-Bromophenyl-phenylether
Concen: 38.997 ng
RT: 16.62 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:248 Resp: 81983
Ion Ratio Lower Upper
248 100
250 95.7 73.4 110.2
141 67.2 52.9 79.3

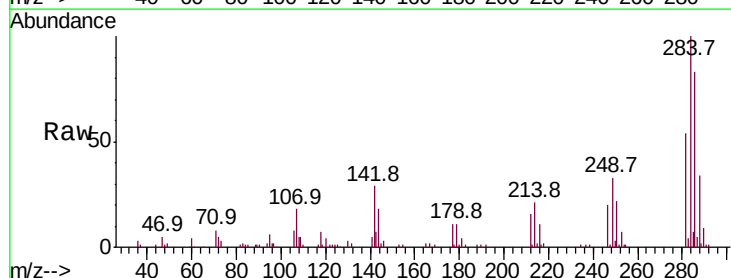


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

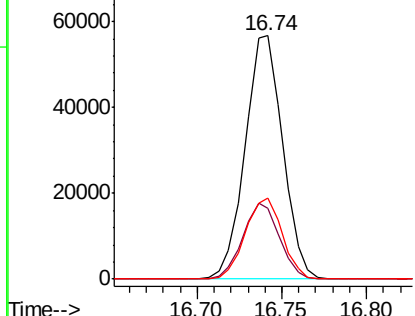
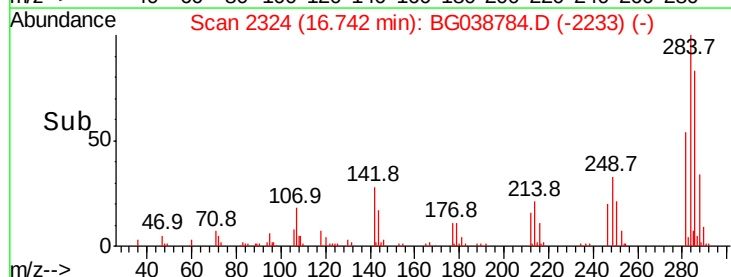


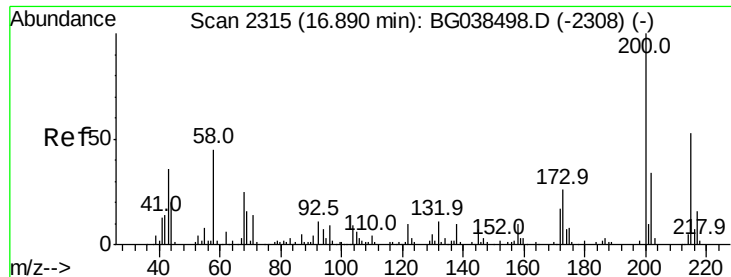
#68
Hexachlorobenzene
Concen: 40.290 ng
RT: 16.74 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:284 Resp: 87802
Ion Ratio Lower Upper
284 100
142 29.2 25.8 38.6
249 35.8 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: 43.398 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

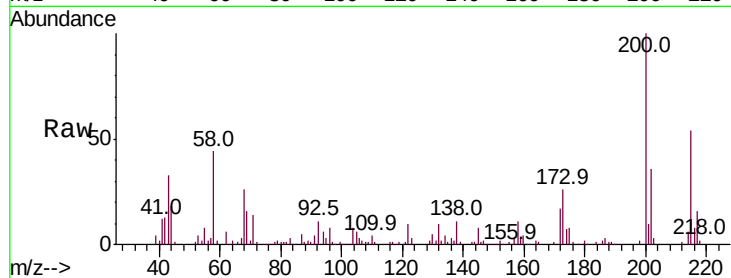
Tot Ion:200 Resp: 81459

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

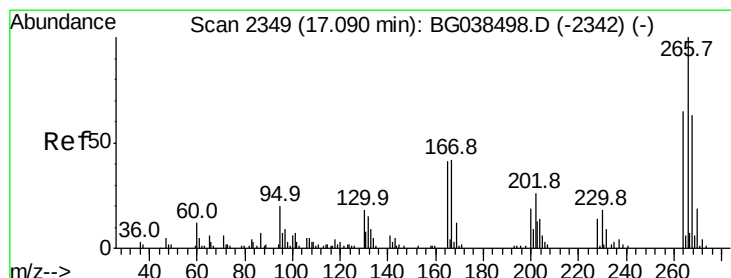
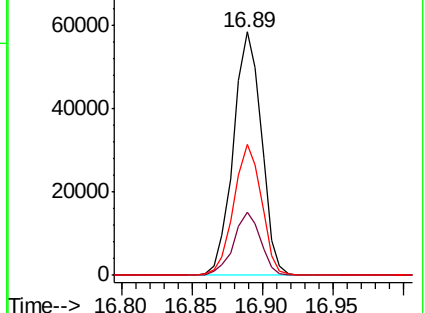
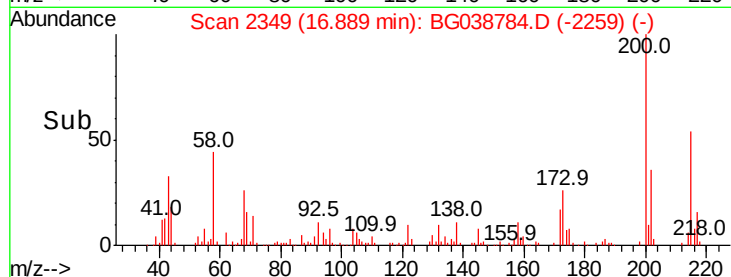
215 53.8 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.363 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

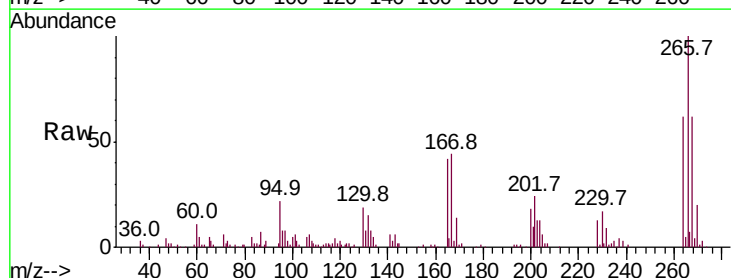
Tgt Ion:266 Resp: 91987

Ion Ratio Lower Upper

266 100

268 66.4 55.0 82.6

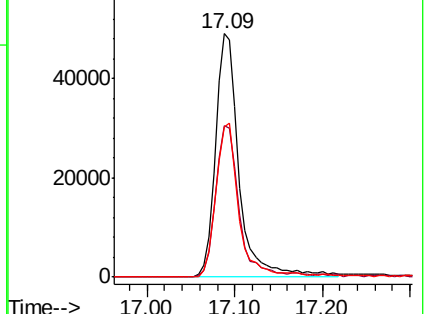
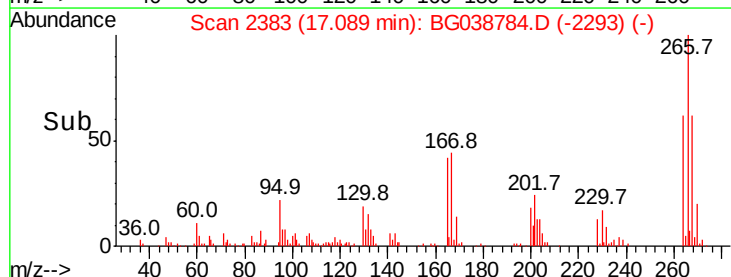
264 66.1 56.7 85.1

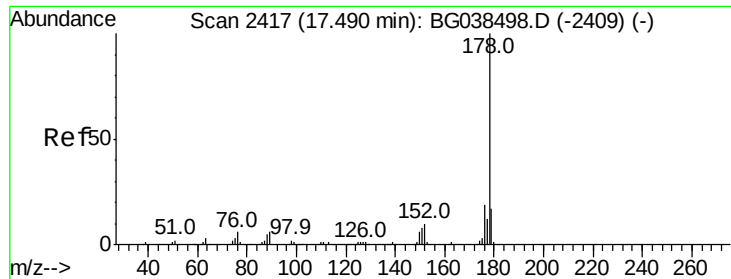


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

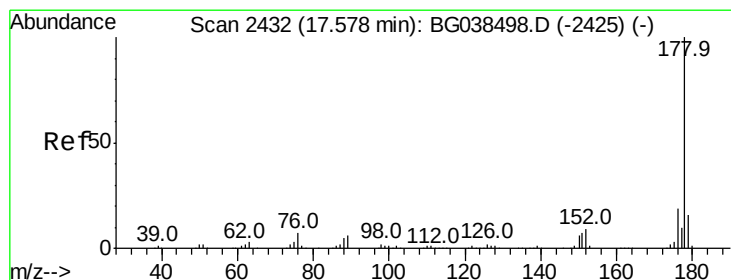
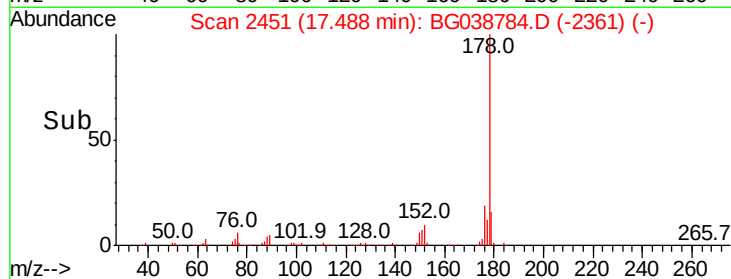
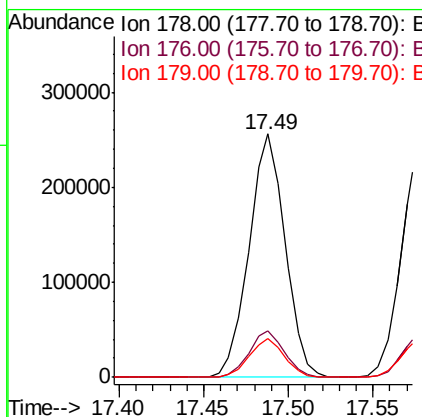
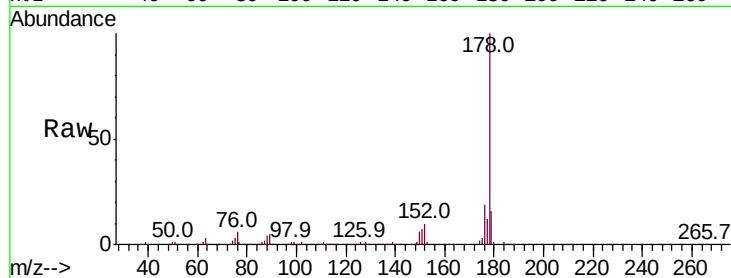




#71
 Phenanthrene
 Concen: 42.719 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

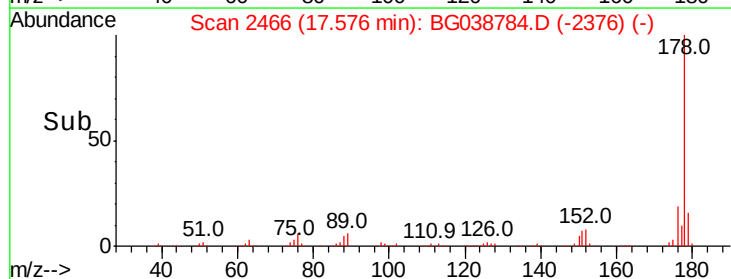
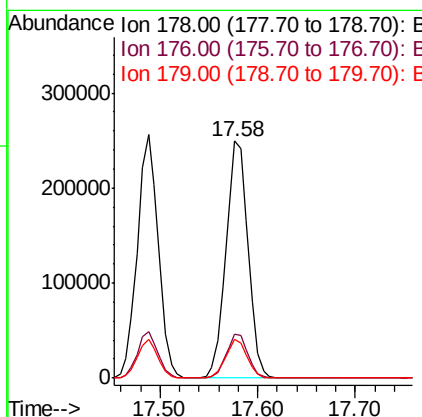
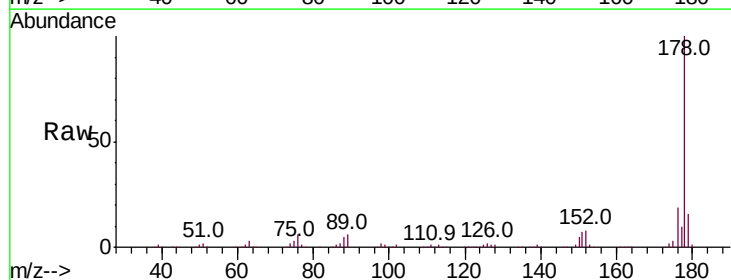
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

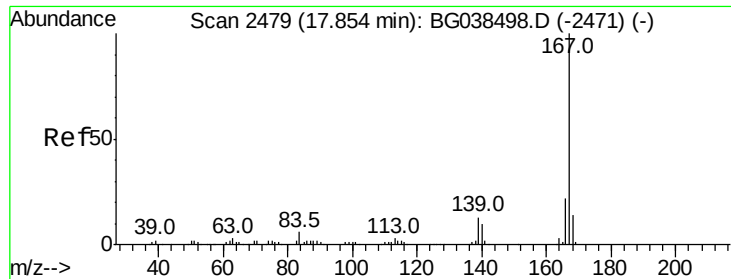
Tot Ion:178 Resp: 381332
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 16.1 13.2 19.8



#72
 Anthracene
 Concen: 44.376 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion:178 Resp: 391057
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 16.2 12.9 19.3

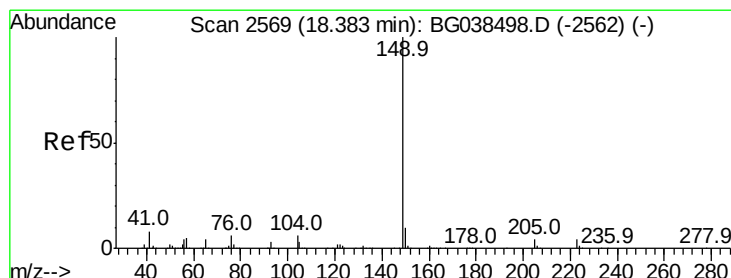
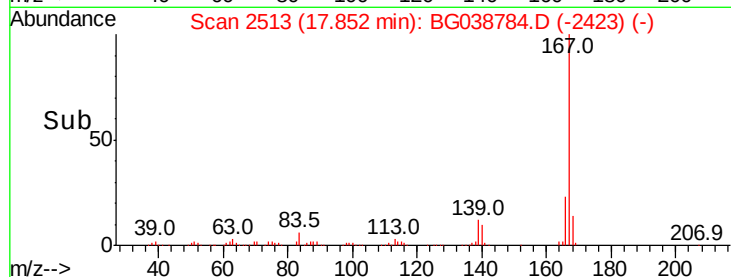
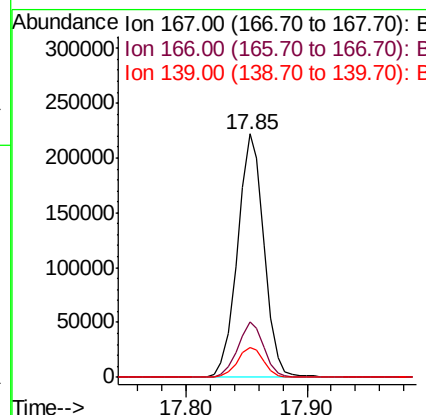
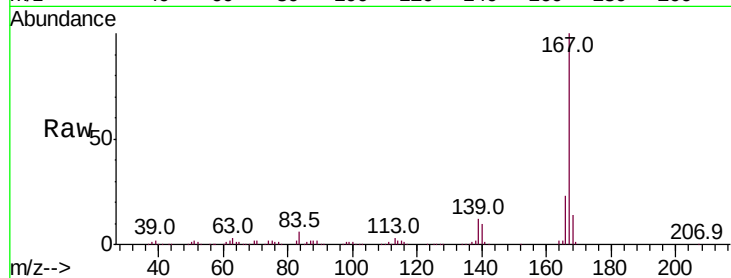




#73
 Carbazole
 Concen: 38.877 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

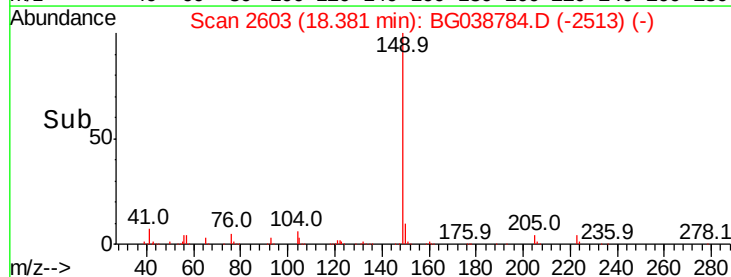
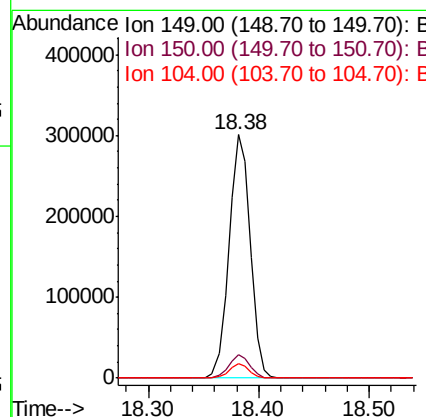
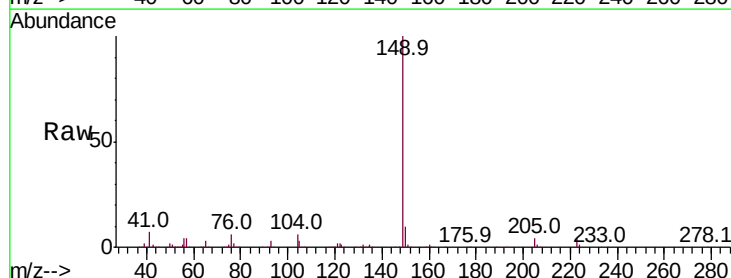
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

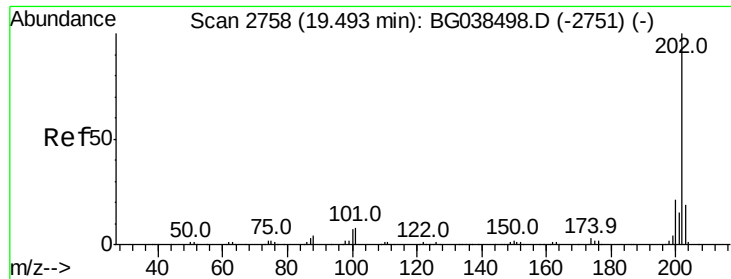
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.9	26.9
139	12.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 40.386 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.9	5.0	7.4

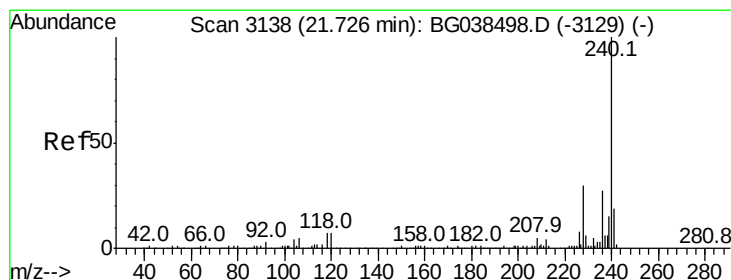
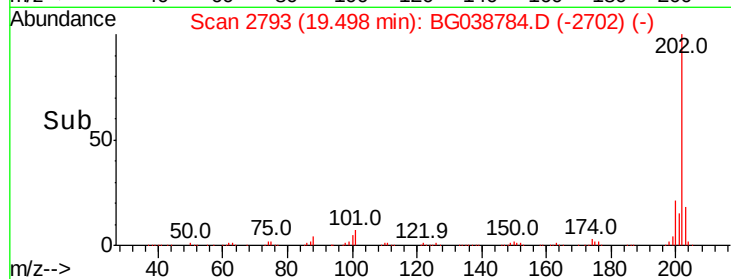
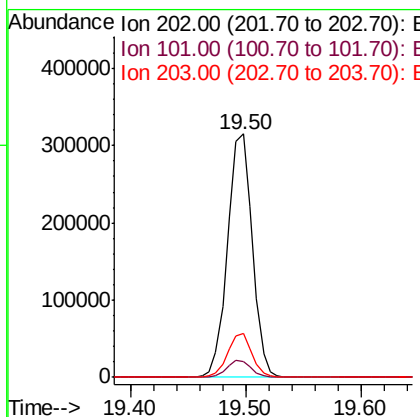
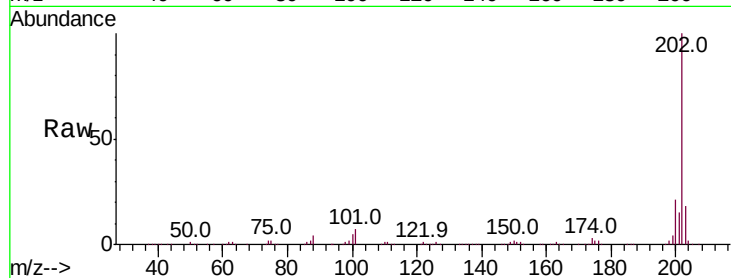




#75
 Fluoranthene
 Concen: 42.297 ng
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

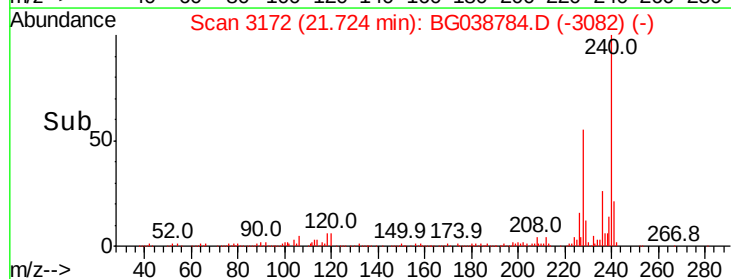
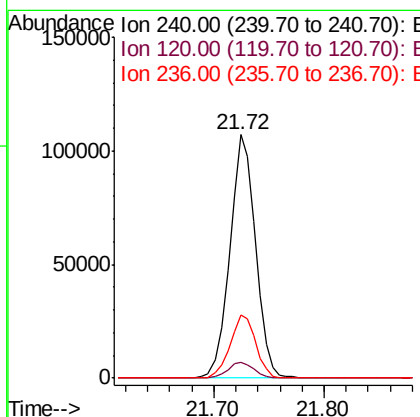
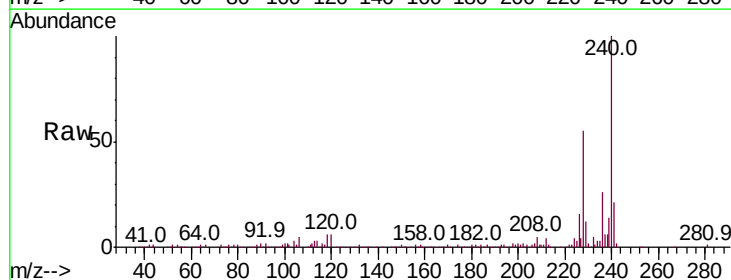
Instrument :
 BNA_G
 ClientSampleId :
 PB115587BS

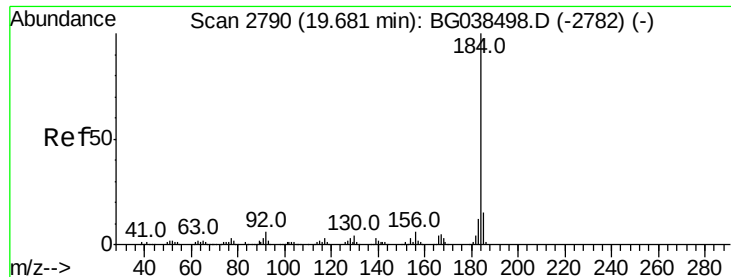
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.1
203	18.1	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038784.D
 Acq: 21 Dec 2018 13:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	26.0	21.4	32.2





#77

Benzidine

Concen: 39.948 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

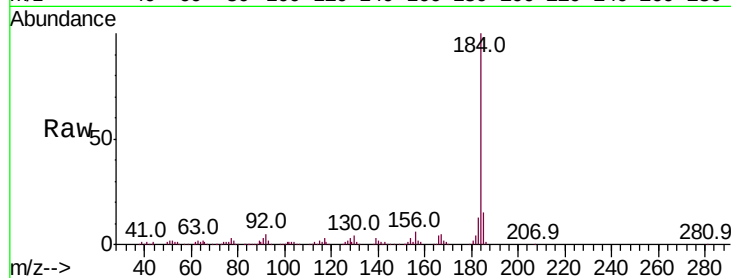
Tot Ion:184 Resp: 205756

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

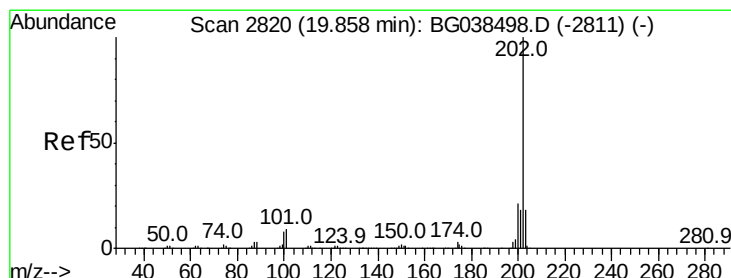
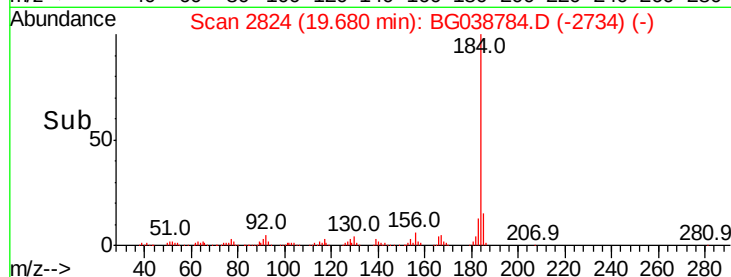
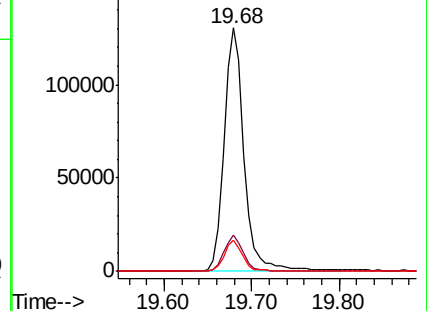
183 12.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.395 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

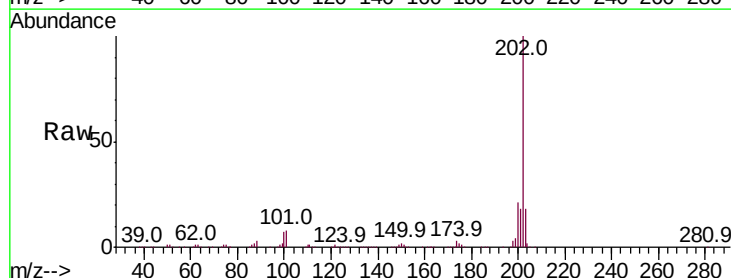
Tgt Ion:202 Resp: 464761

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

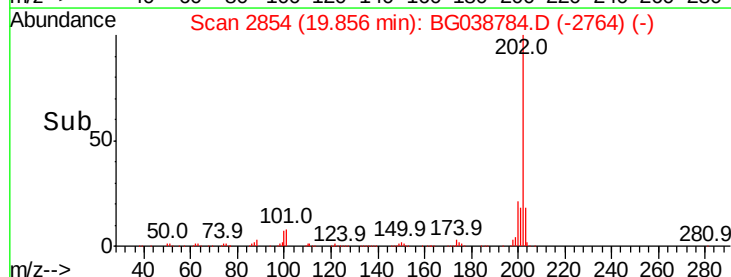
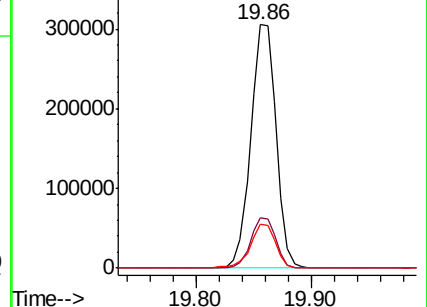
203 18.0 14.6 21.8

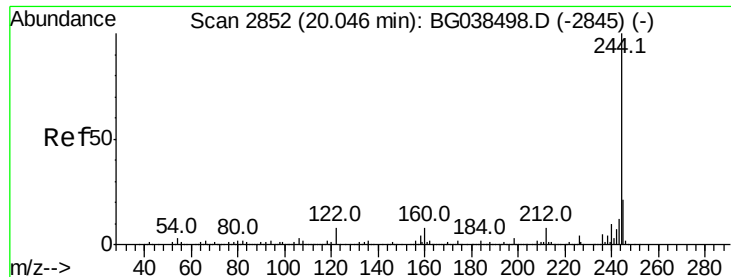


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.287 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

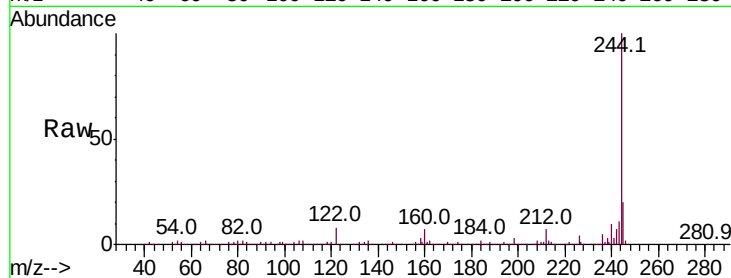
Tot Ion:244 Resp: 610475

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

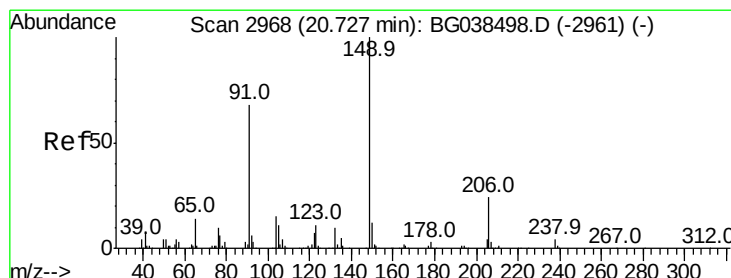
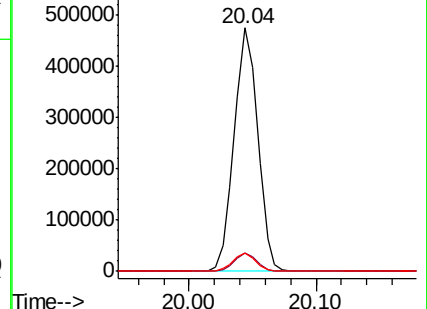
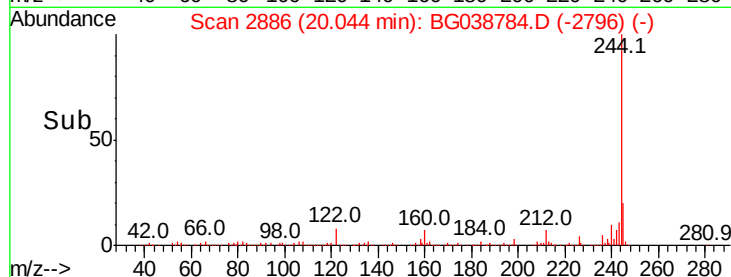
122 7.6 6.3 9.5



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: 39.681 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

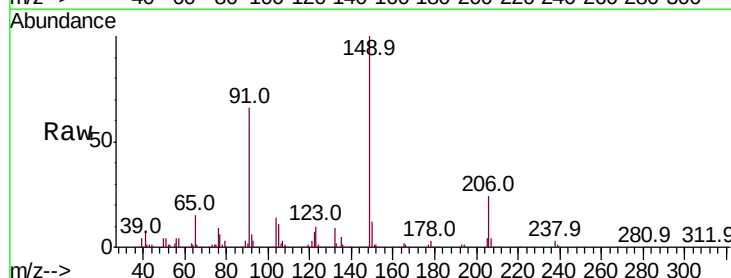
Tgt Ion:149 Resp: 178365

Ion Ratio Lower Upper

149 100

91 66.1 54.5 81.7

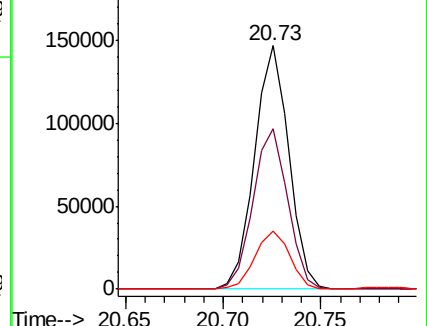
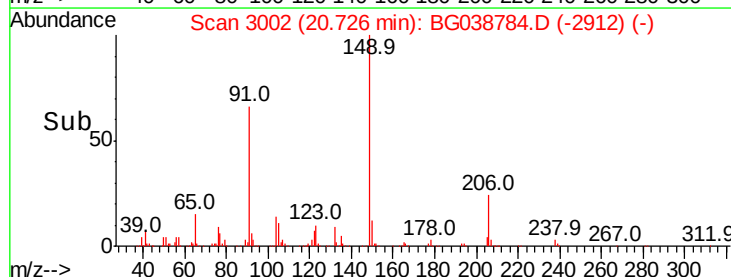
206 23.8 19.0 28.6

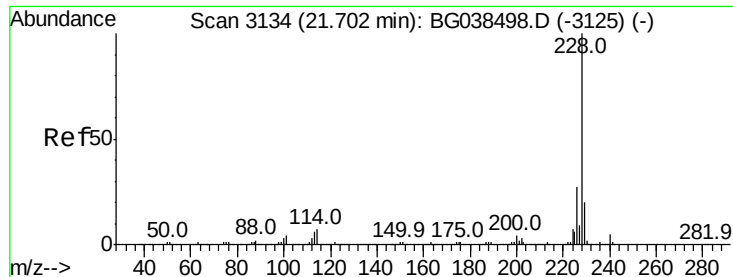


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.556 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

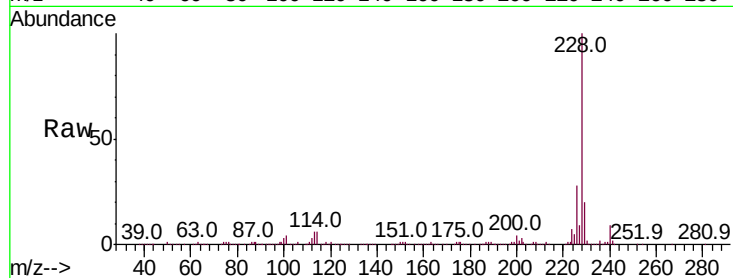
Tot Ion:228 Resp: 451614

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

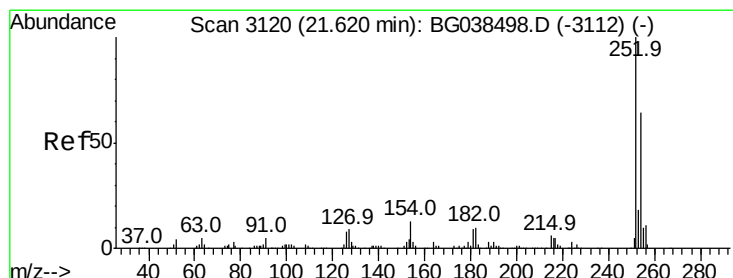
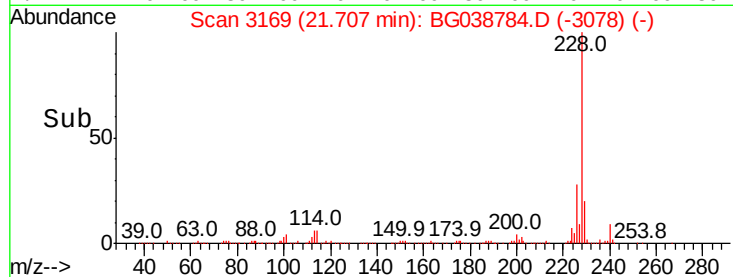
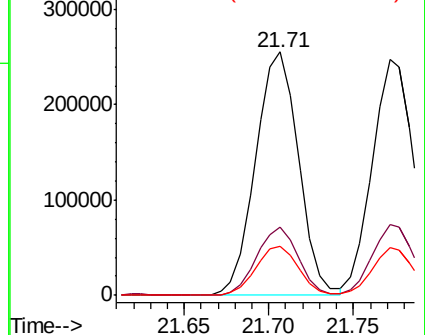
229 20.2 15.8 23.6



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: 29.617 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

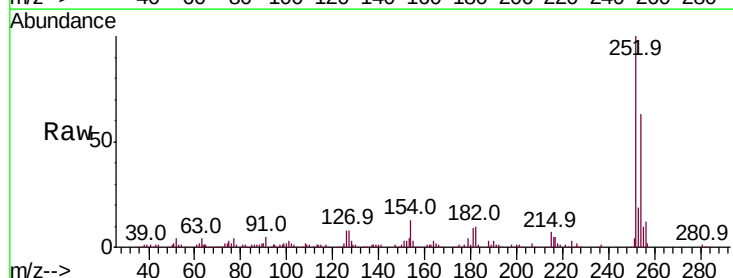
Tgt Ion:252 Resp: 124656

Ion Ratio Lower Upper

252 100

254 63.0 50.9 76.3

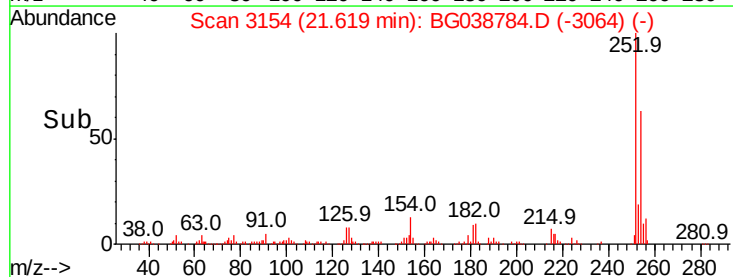
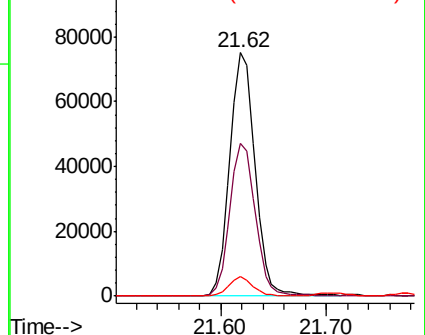
126 7.9 6.3 9.5

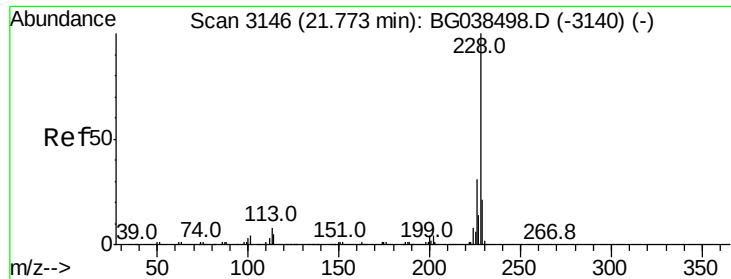


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.119 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

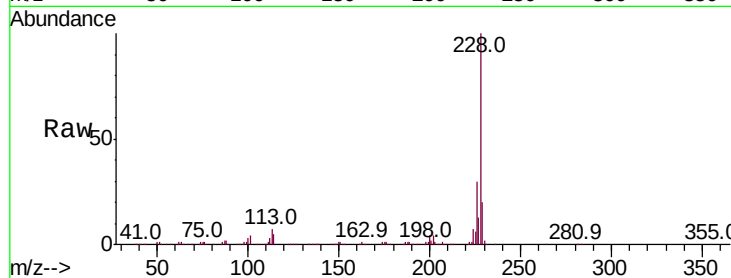
Tot Ion:228 Resp: 420308

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

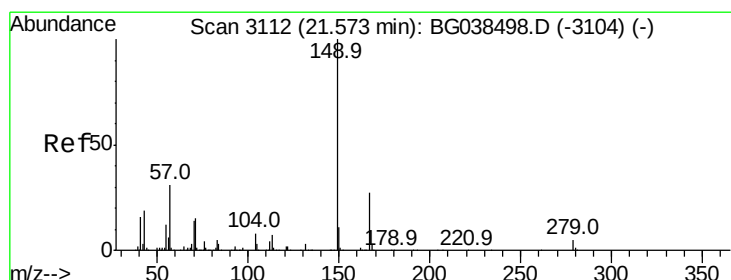
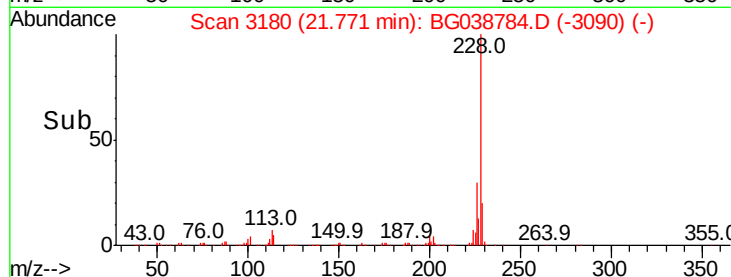
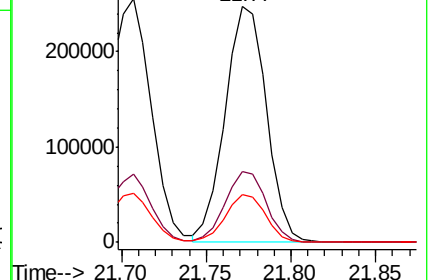
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.972 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

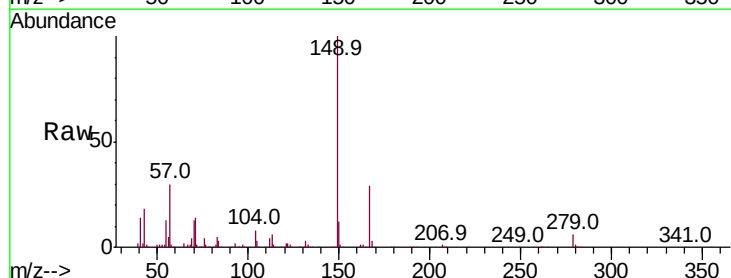
Tgt Ion:149 Resp: 248450

Ion Ratio Lower Upper

149 100

167 29.4 21.9 32.9

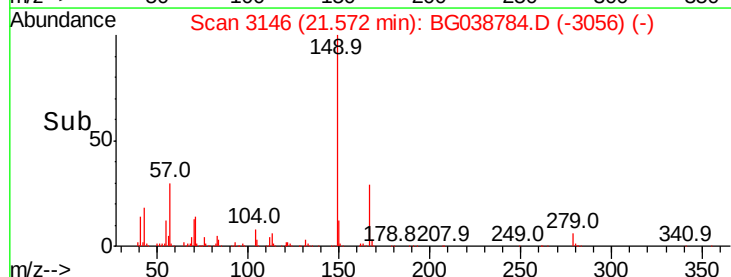
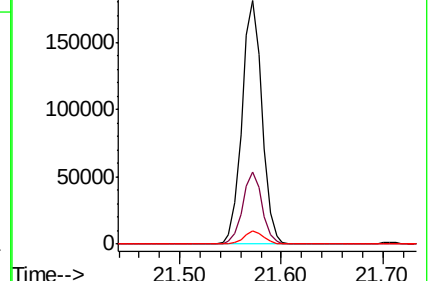
279 5.5 4.2 6.2

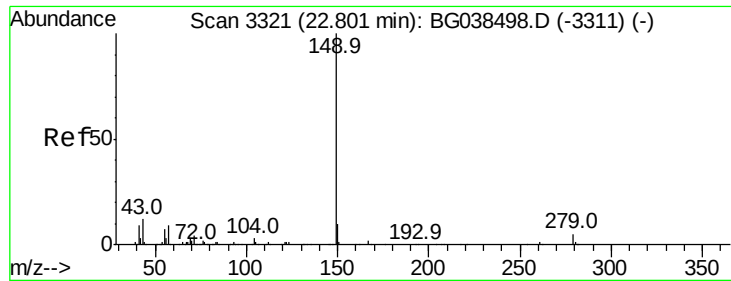


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

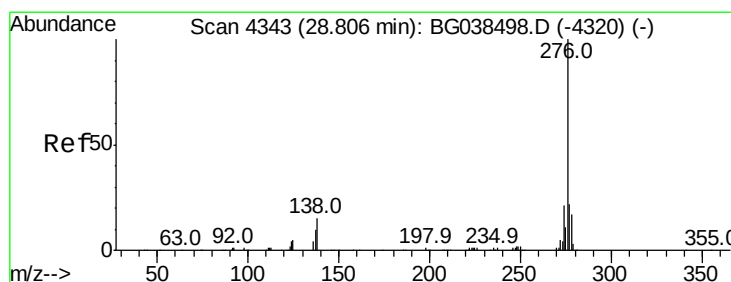
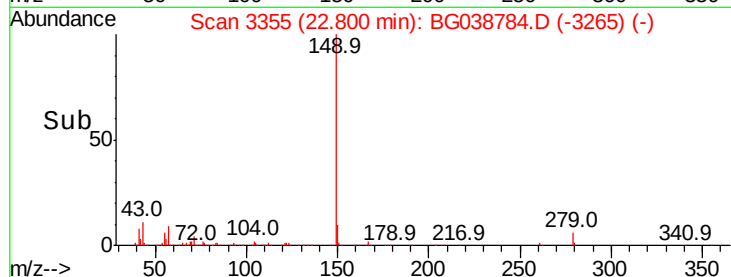
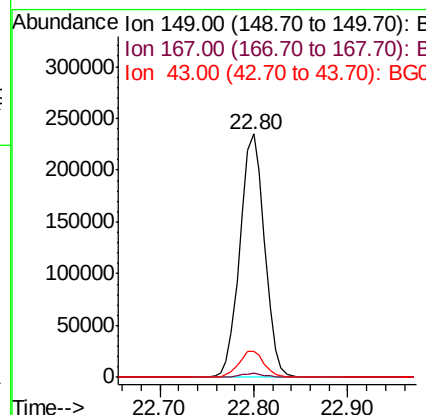
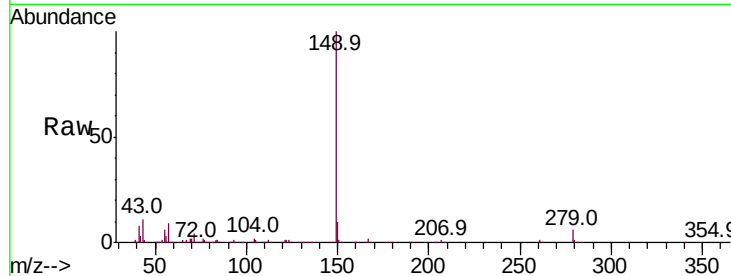




#85
Di-n-octyl phthalate
Concen: 39.907 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

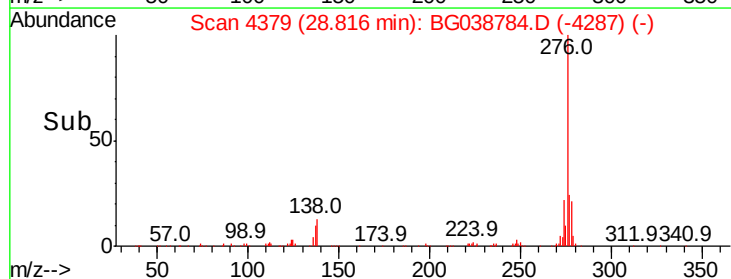
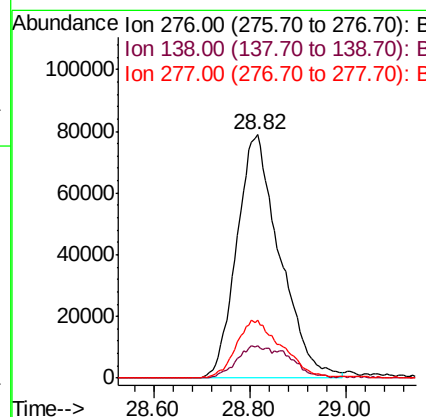
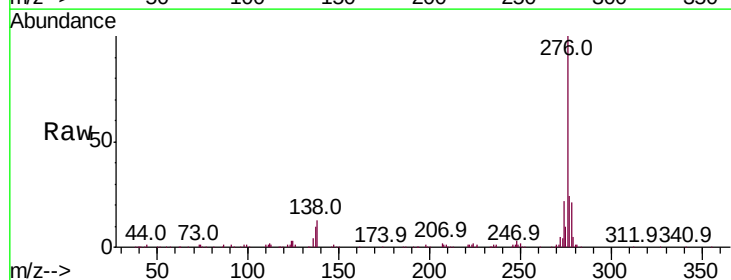
Instrument :
BNA_G
ClientSampleId :
PB115587BS

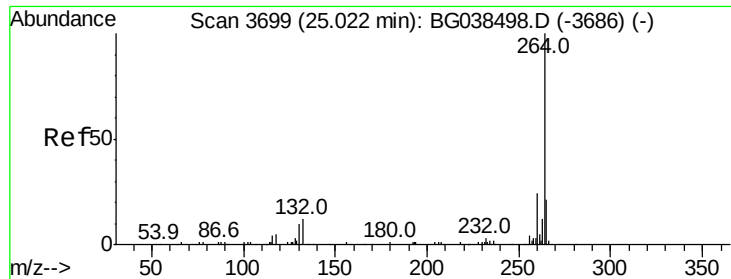
Tot Ion:149 Resp: 426079
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.8 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.911 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:276 Resp: 491642
Ion Ratio Lower Upper
276 100
138 11.2 14.4 21.6#
277 25.5 0.0 0.0#



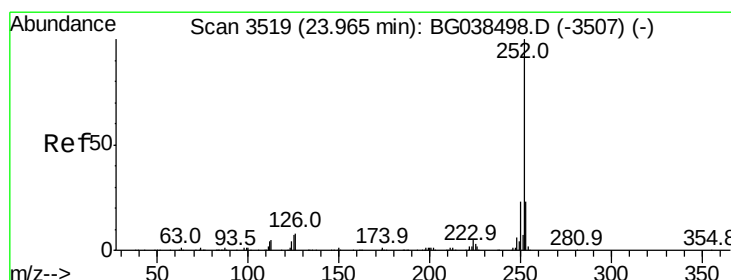
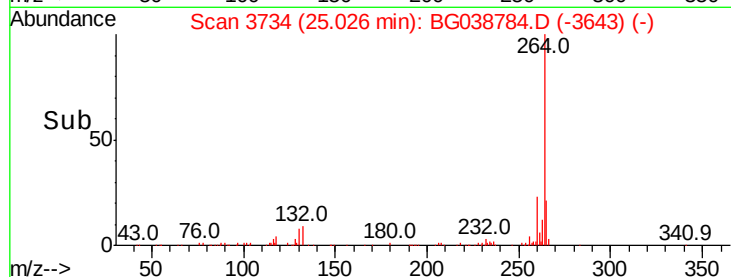
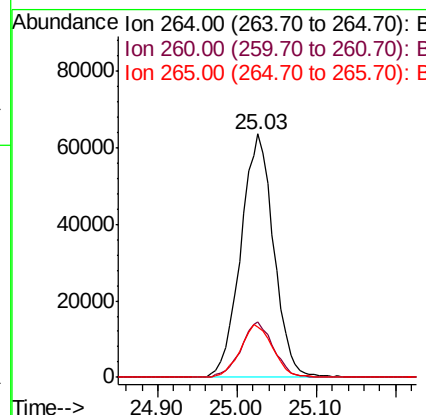
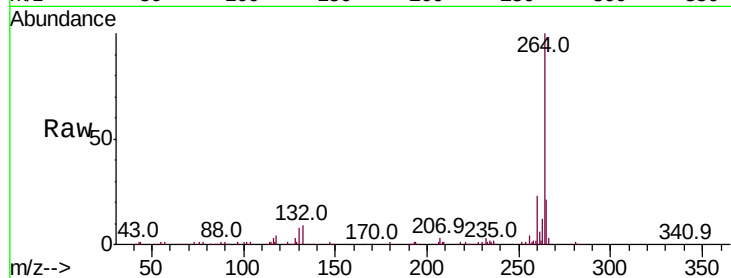


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:264 Resp: 182801

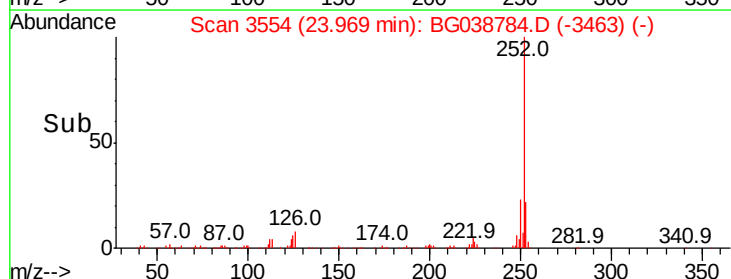
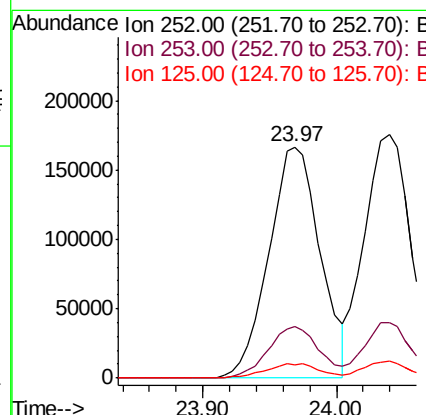
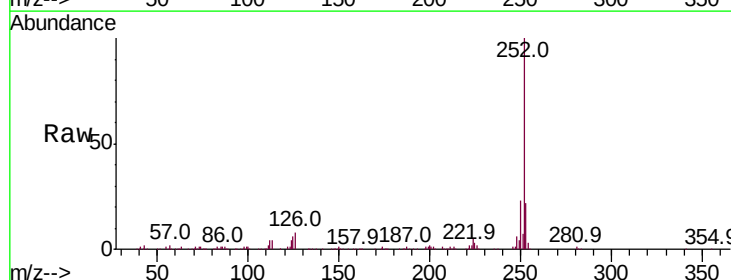
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	20.6	17.0	25.4

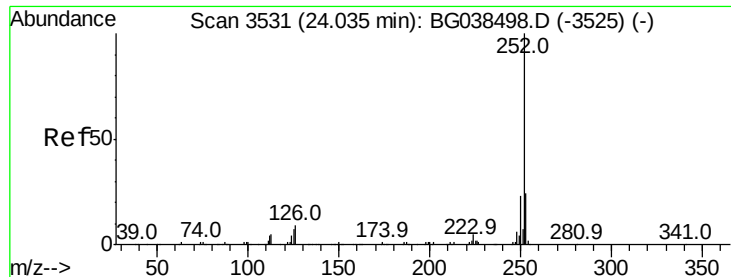


#88
Benzo(b)fluoranthene
Concen: 44.351 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:252 Resp: 445134

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	5.9	5.5	8.3

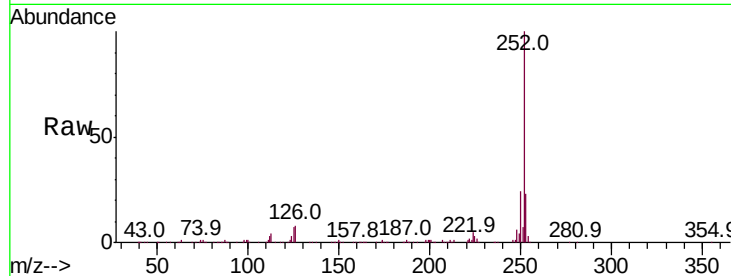




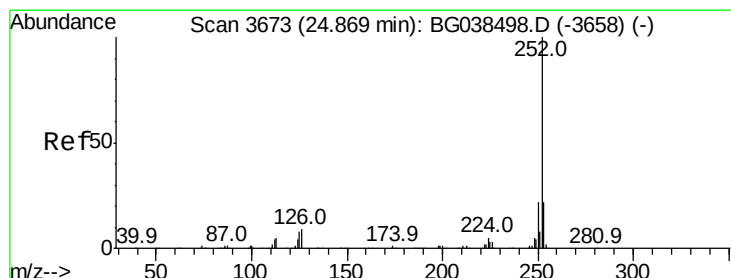
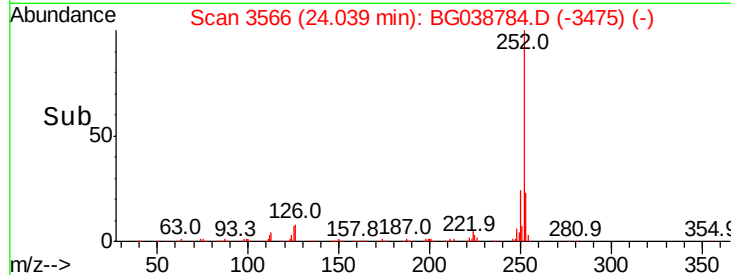
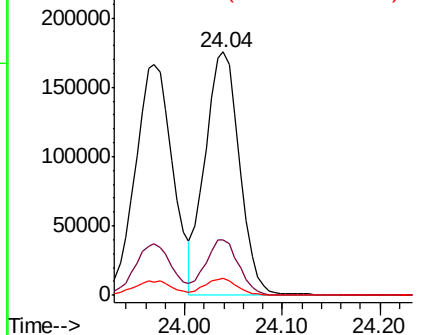
#89
Benzo(k)fluoranthene
Concen: 42.743 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Instrument :
BNA_G
ClientSampleId :
PB115587BS

Tot Ion:252 Resp: 427187
Ion Ratio Lower Upper
252 100
253 22.9 18.9 28.3
125 6.8 5.4 8.2

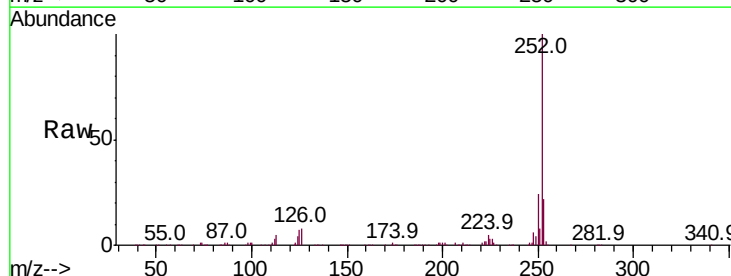


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

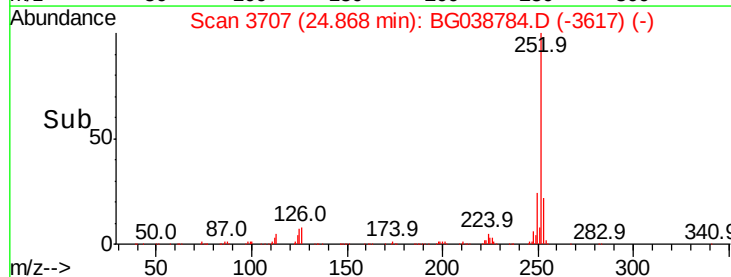
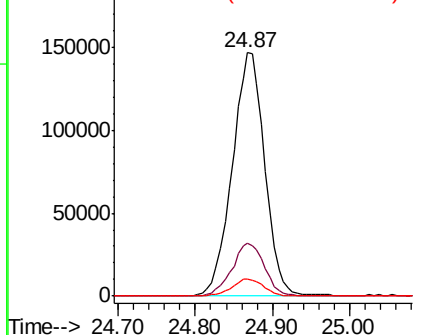


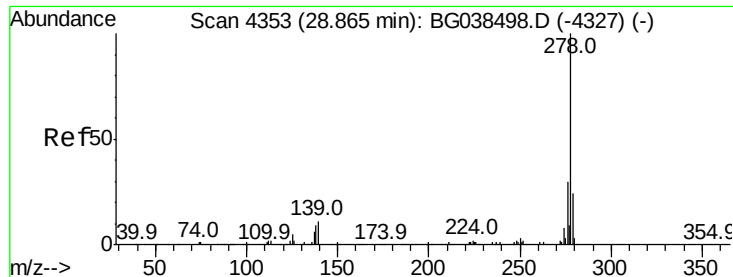
#90
Benzo(a)pyrene
Concen: 44.593 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038784.D
Acq: 21 Dec 2018 13:25

Tgt Ion:252 Resp: 431775
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.1 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.791 ng

RT: 28.87 min Scan# 4389

Delta R.T. 0.01 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

Instrument :

BNA_G

ClientSampleId :

PB115587BS

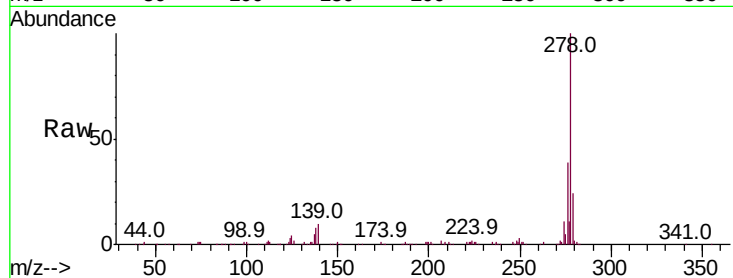
Tot Ion:278 Resp: 412535

Ion Ratio Lower Upper

278 100

139 9.6 8.6 12.8

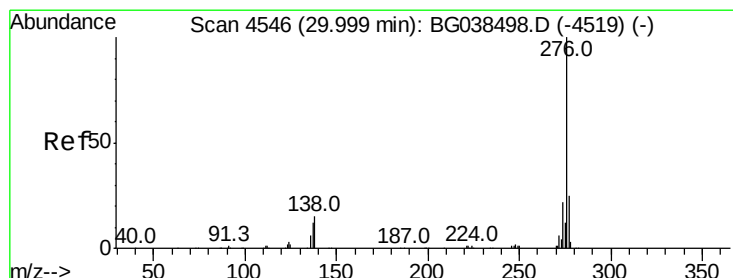
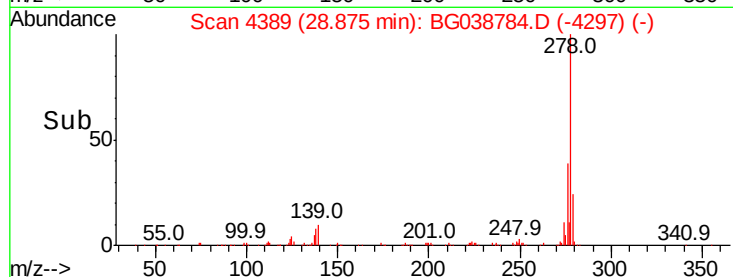
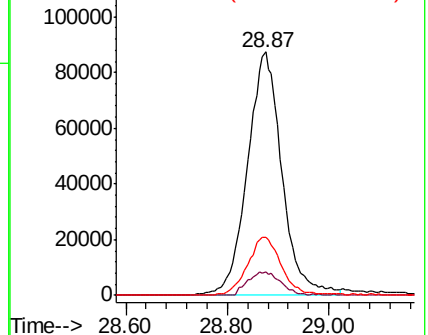
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.816 ng

RT: 30.00 min Scan# 4581

Delta R.T. 0.00 min

Lab File: BG038784.D

Acq: 21 Dec 2018 13:25

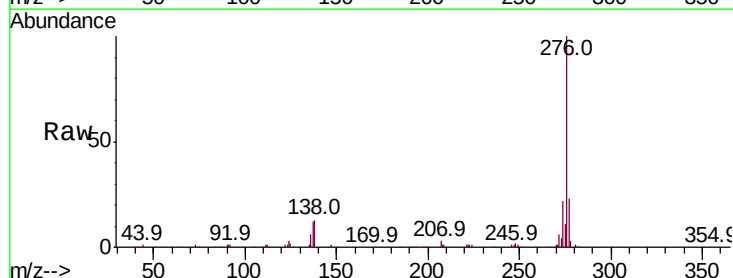
Tgt Ion:276 Resp: 406795

Ion Ratio Lower Upper

276 100

277 22.6 19.8 29.8

138 12.7 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

