

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038888.D
 Acq On : 29 Dec 2018 00:24
 Operator : JU/SJ
 Sample : PB116060BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 01:06:23 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	23727	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	100129	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	74216	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	197896	20.00	ng	0.00
76) Chrysene-d12	21.72	240	203925	20.00	ng	0.00
87) Perylene-d12	25.02	264	201734	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	181554	135.72	ng	0.01
7) Phenol-d6	7.22	99	252077	137.26	ng	0.02
23) Nitrobenzene-d5	9.23	82	121759	62.12	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	138866	135.77	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	344297	63.64	ng	0.00
79) Terphenyl-d14	20.04	244	743707	79.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	19606	31.490	ng	97
3) Pyridine	3.89	79	52523	30.640	ng	94
4) n-Nitrosodimethylamine	3.82	42	31729	37.777	ng	# 91
6) Aniline	7.38	93	63936	27.272	ng	98
8) 2-Chlorophenol	7.62	128	76329	49.306	ng	97
9) Benzaldehyde	7.20	77	11743	9.857	ng	98
10) Phenol	7.25	94	97321	49.881	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	59821	38.511	ng	91
12) 1,3-Dichlorobenzene	7.94	146	73423	40.113	ng	99
13) 1,4-Dichlorobenzene	8.09	146	76005	40.543	ng	97
14) 1,2-Dichlorobenzene	8.41	146	71487	40.449	ng	96
15) Benzyl Alcohol	8.30	79	67557	47.129	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	118566	33.321	ng	96
17) 2-Methylphenol	8.50	107	66173	50.622	ng	96
18) Hexachloroethane	9.13	117	25970	37.911	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	50359	39.043	ng	92
20) 3+4-Methylphenols	8.83	107	93168	51.608	ng	98
22) Acetophenone	8.89	105	104288	41.698	ng	# 95
24) Nitrobenzene	9.27	77	79332	40.011	ng	94
25) Isophorone	9.79	82	146056	41.476	ng	98
26) 2-Nitrophenol	9.98	139	47786	47.088	ng	92
27) 2,4-Dimethylphenol	10.04	122	78282	53.824	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	85951	43.250	ng	98
29) 2,4-Dichlorophenol	10.52	162	94004	58.099	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	86033	44.020	ng	96
31) Naphthalene	10.92	128	226792	45.970	ng	98
32) Benzoic acid	10.22	122	5187	14.590	ng	# 79
33) 4-Chloroaniline	11.04	127	60840	28.405	ng	96
34) Hexachlorobutadiene	11.18	225	56193	42.492	ng	95
35) Caprolactam	11.84	113	29999	44.802	ng	94
36) 4-Chloro-3-methylphenol	12.16	107	96122	52.059	ng	94
37) 2-Methylnaphthalene	12.52	142	177229	50.355	ng	97
38) 1-Methylnaphthalene	12.75	142	167920	49.167	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	109220	39.370	ng	99

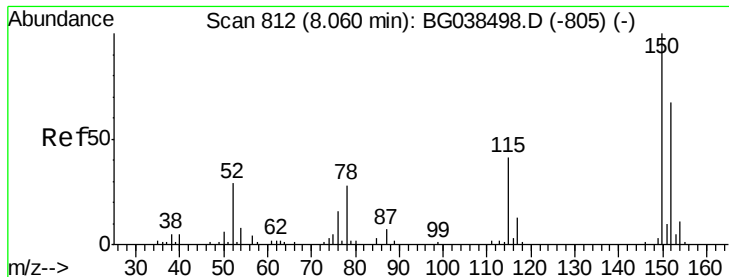
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038888.D
 Acq On : 29 Dec 2018 00:24
 Operator : JU/SJ
 Sample : PB116060BS
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 01:06:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	82654	54.231	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	86802	50.888	ng	96
44) 2,4,5-Trichlorophenol	13.22	196	91389	50.603	ng	96
46) 1,1'-Biphenyl	13.53	154	240697	38.687	ng	98
47) 2-Chloronaphthalene	13.57	162	194831	40.540	ng	98
48) 2-Nitroaniline	13.79	65	64510	42.141	ng	84
49) Acenaphthylene	14.42	152	323849	45.075	ng	98
50) Dimethylphthalate	14.14	163	269045	44.391	ng	98
51) 2,6-Dinitrotoluene	14.28	165	61206	44.563	ng	87
52) Acenaphthene	14.76	154	186050	43.306	ng	99
53) 3-Nitroaniline	14.61	138	52668	37.618	ng	92
54) 2,4-Dinitrophenol	14.83	184	1113	6.455	ng	# 78
55) Dibenzofuran	15.09	168	328011	44.541	ng	96
56) 4-Nitrophenol	14.93	139	80160	75.470	ng	95
57) 2,4-Dinitrotoluene	15.07	165	89194	46.108	ng	92
58) Fluorene	15.74	166	266236	48.796	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	71196	43.818	ng	93
60) Diethylphthalate	15.50	149	281407	42.295	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	150127	44.100	ng	99
62) 4-Nitroaniline	15.78	138	68082	47.233	ng	95
63) Azobenzene	16.02	77	225445	40.561	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	3193	2.262	ng	93
66) n-Nitrosodiphenylamine	15.95	169	247363	42.542	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	102999	42.617	ng	96
68) Hexachlorobenzene	16.74	284	109104	43.548	ng	98
69) Atrazine	16.89	200	100465	46.557	ng	99
70) Pentachlorophenol	17.09	266	16573	11.184	ng	# 86
71) Phenanthrene	17.49	178	463477	45.164	ng	99
72) Anthracene	17.58	178	476063	46.991	ng	99
73) Carbazole	17.85	167	415470	41.467	ng	98
74) Di-n-butylphthalate	18.38	149	479053	41.669	ng	99
75) Fluoranthene	19.49	202	569724	44.870	ng	97
77) Benzidine	19.68	184	231553	38.394	ng	99
78) Pyrene	19.86	202	575411	42.712	ng	99
80) Butylbenzylphthalate	20.72	149	216649	41.162	ng	100
81) Benzo(a)anthracene	21.70	228	563326	45.334	ng	98
82) 3,3'-Dichlorobenzidine	21.62	252	164569	33.393	ng	100
83) Chrysene	21.77	228	524523	43.824	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	306319	41.035	ng	98
85) Di-n-octyl phthalate	22.79	149	522347	41.782	ng	96
86) Indeno(1,2,3-cd)pyrene	28.82	276	660336	46.928	ng	# 94
88) Benzo(b)fluoranthene	23.97	252	579485	52.319	ng	99
89) Benzo(k)fluoranthene	24.04	252	540102	48.969	ng	97
90) Benzo(a)pyrene	24.87	252	553049	51.757	ng	98
91) Dibenzo(a,h)anthracene	28.87	278	548322	51.538	ng	99
92) Benzo(g,h,i)perylene	30.01	276	547649	52.232	ng	98

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

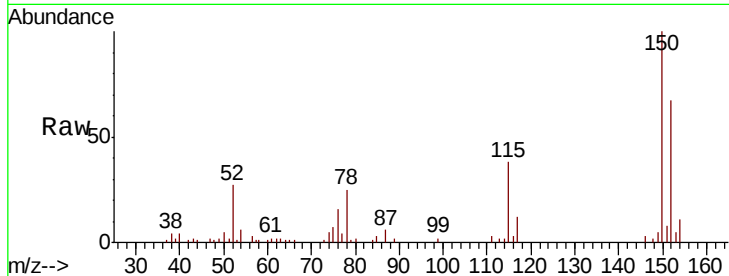


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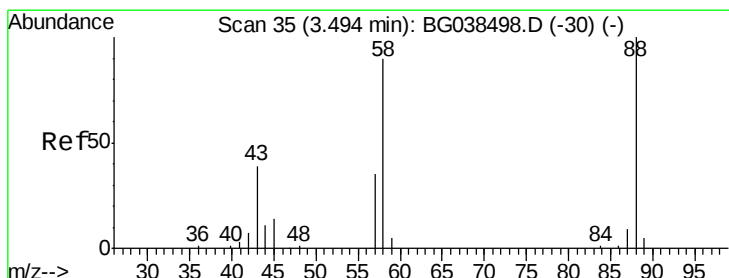
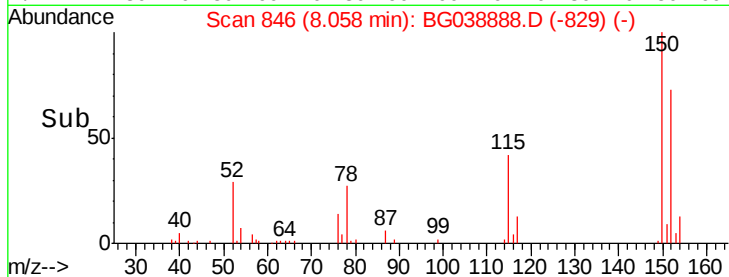
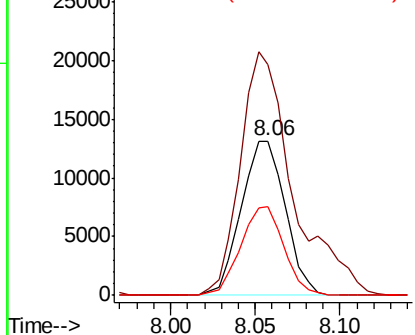
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 23727
Ion Ratio Lower Upper
152 100
150 150.0 119.5 179.3
115 57.6 49.6 74.4



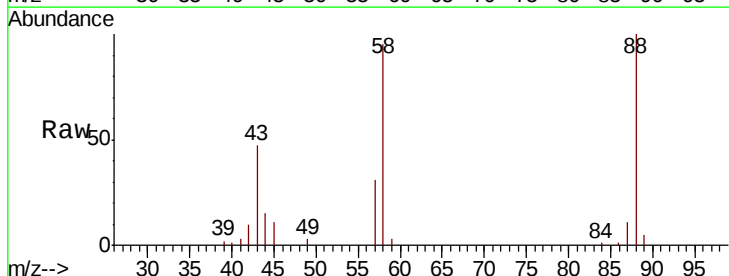
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



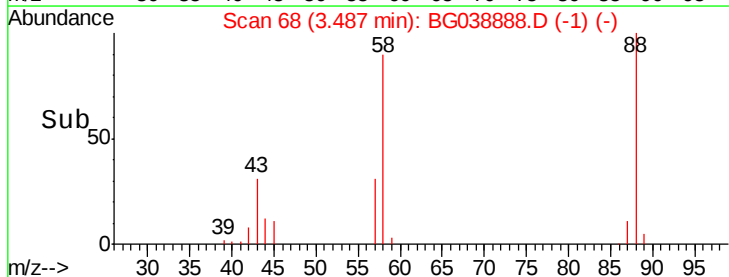
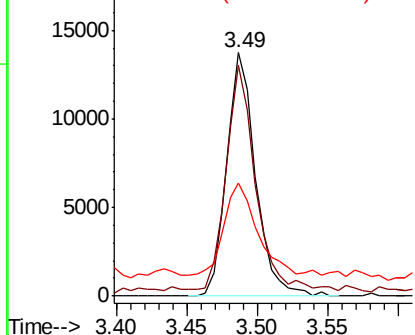
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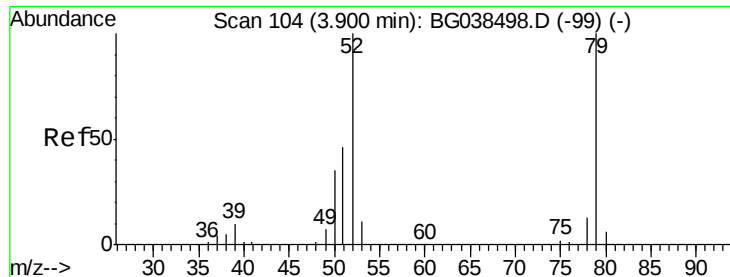
1,4-Dioxane
Concen: 31.490 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion: 88 Resp: 19606
Ion Ratio Lower Upper
88 100
58 95.8 75.7 113.5
43 43.2 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: 30.640 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

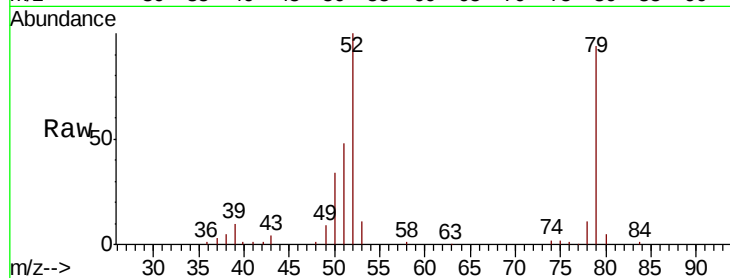
Tot Ion: 79 Resp: 52523

Ion Ratio Lower Upper

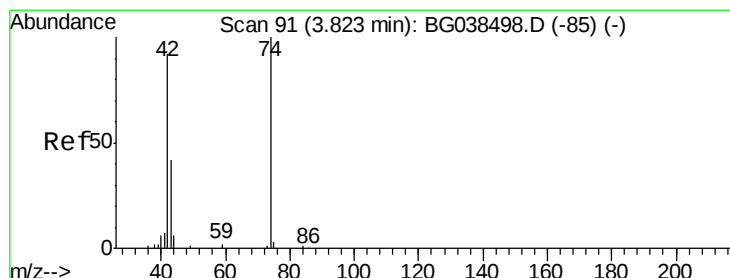
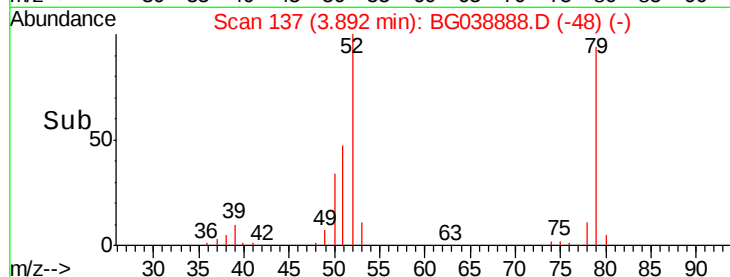
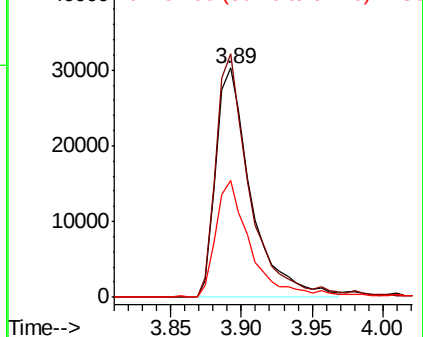
79 100

52 106.3 80.2 120.2

51 50.9 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: 37.777 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

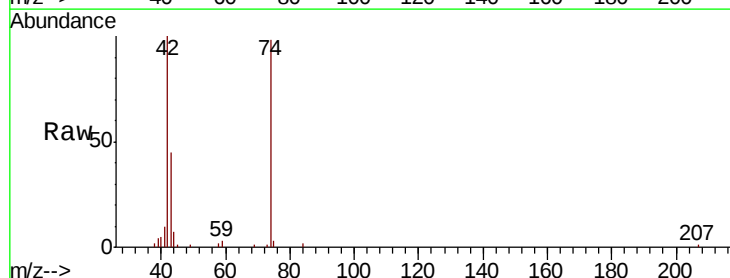
Tgt Ion: 42 Resp: 31729

Ion Ratio Lower Upper

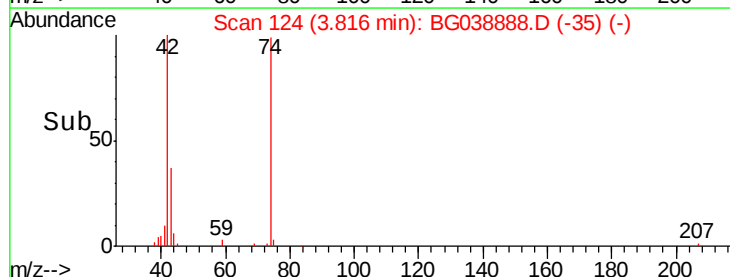
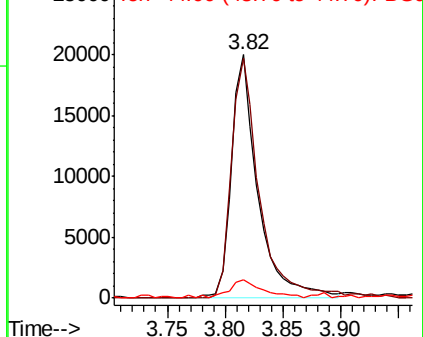
42 100

74 98.3 86.7 130.1

44 7.3 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: 135.716 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampled :

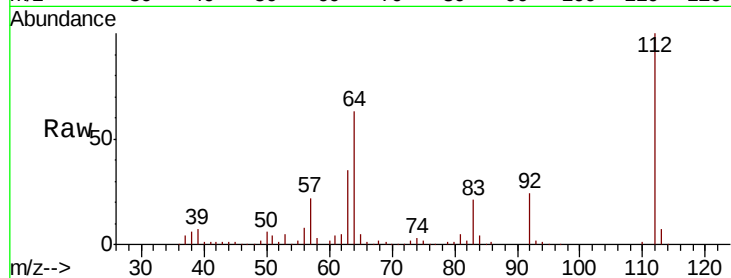
Tot Ion:112 Resp: 181554

Ion Ratio Lower Upper

112 100

64 62.5 53.4 80.2

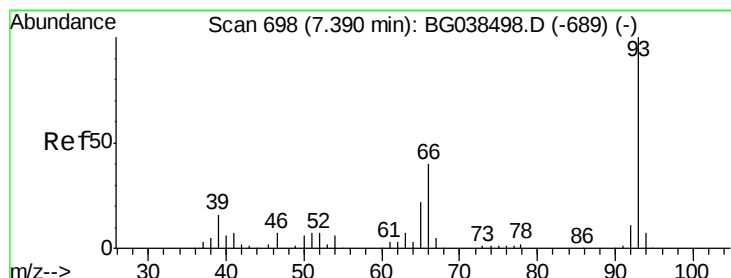
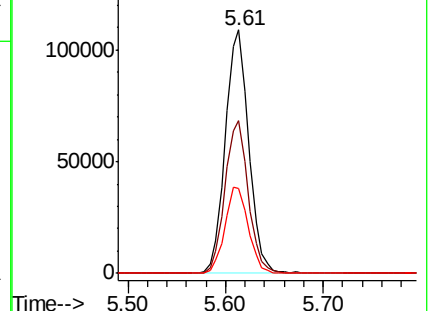
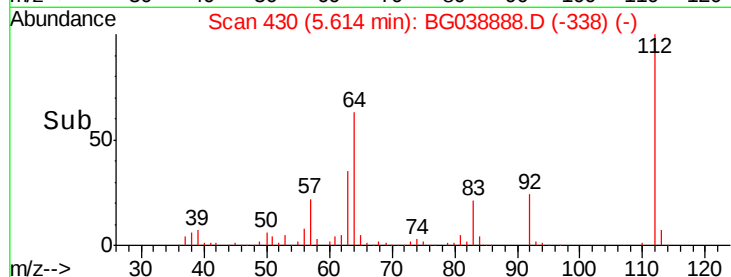
63 35.0 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.272 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

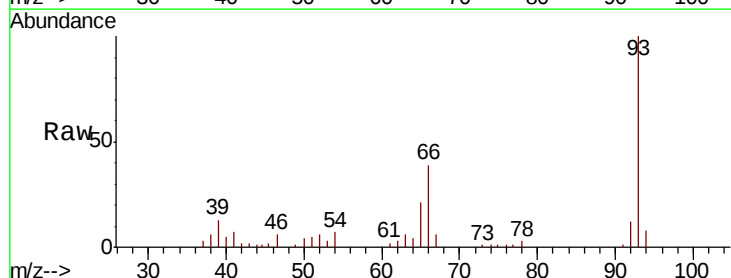
Tgt Ion: 93 Resp: 63936

Ion Ratio Lower Upper

93 100

66 39.0 31.7 47.5

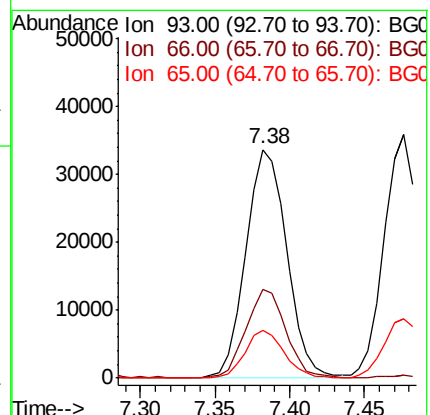
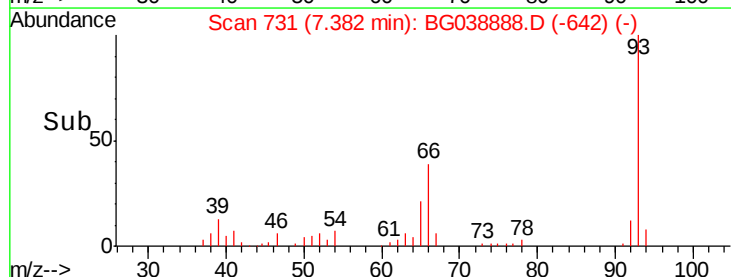
65 20.9 17.8 26.6

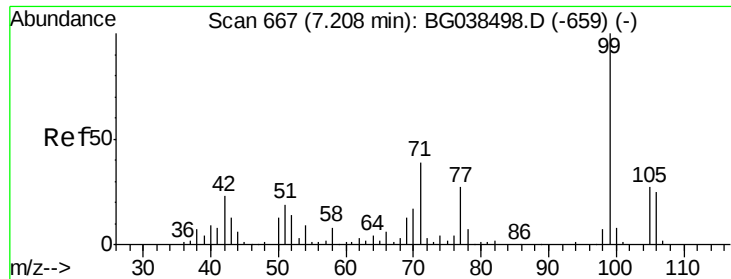


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 137.262 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

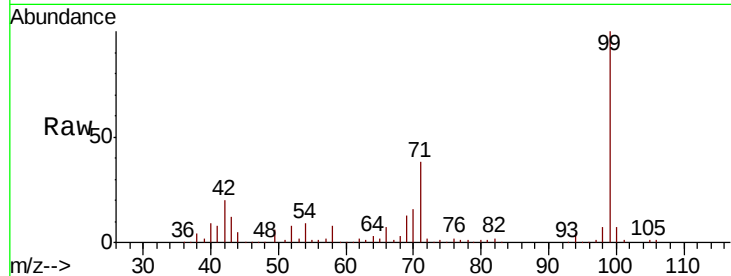
Tot Ion: 99 Resp: 252077

Ion Ratio Lower Upper

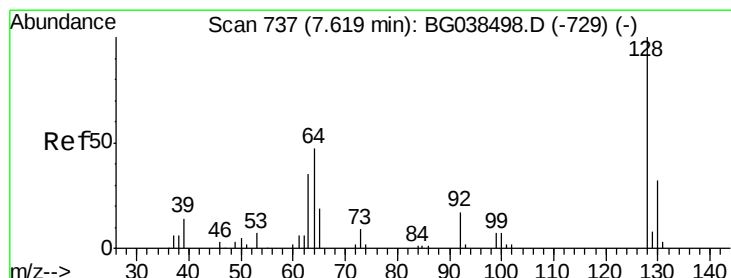
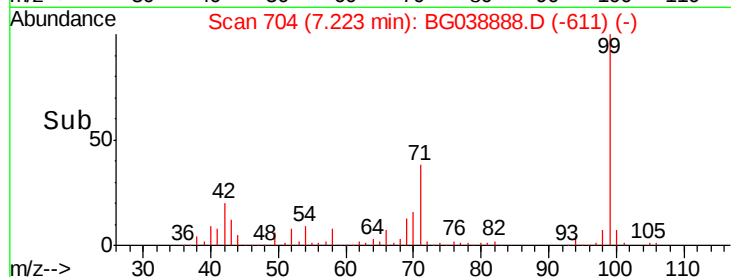
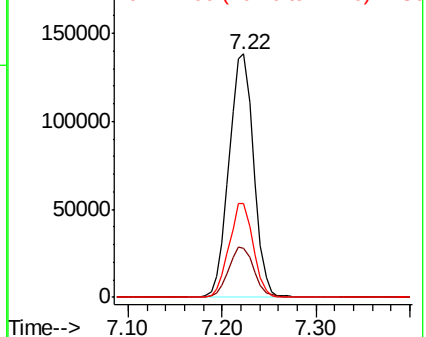
99 100

42 20.2 18.5 27.7

71 38.4 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: 49.306 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

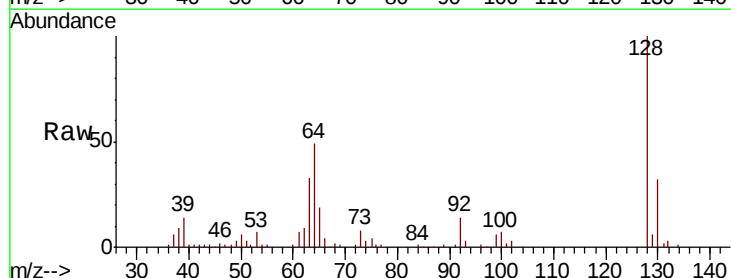
Tgt Ion: 128 Resp: 76329

Ion Ratio Lower Upper

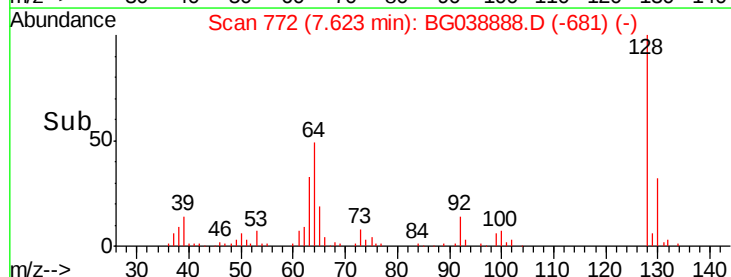
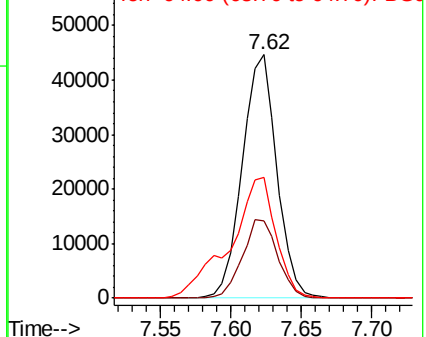
128 100

130 31.9 11.8 51.8

64 49.3 33.2 73.2



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

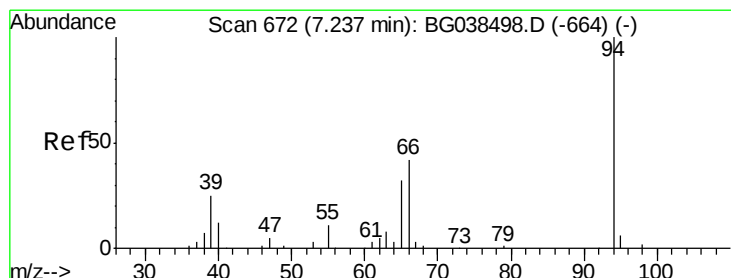
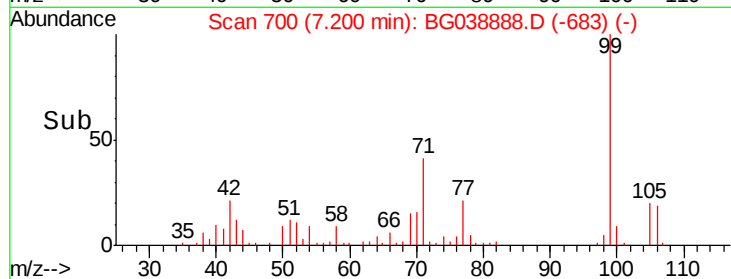
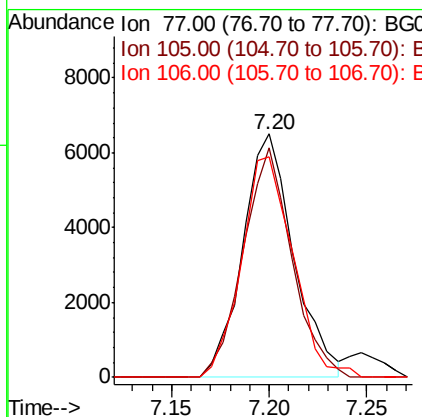
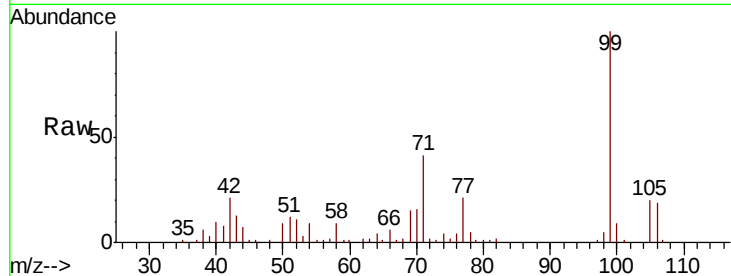




#9
Benzaldehydve
Concen: 9.857 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

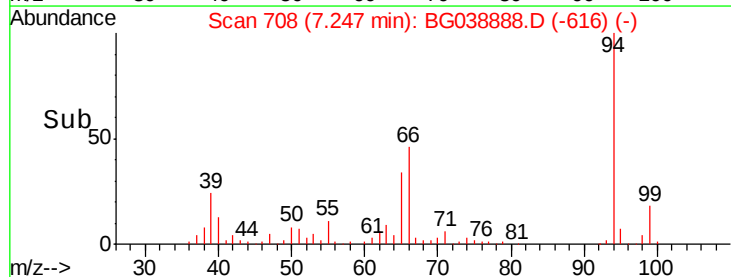
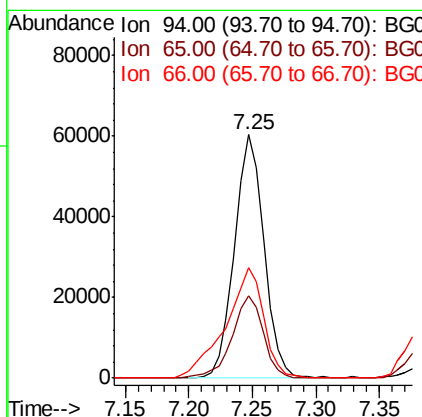
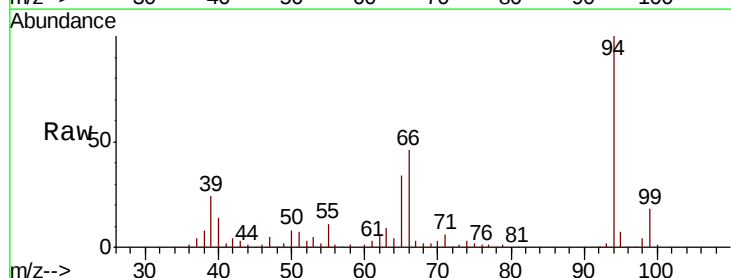
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 11743
Ion Ratio Lower Upper
77 100
105 94.4 74.0 114.0
106 90.8 73.9 113.9



#10
Phenol
Concen: 49.881 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion: 94 Resp: 97321
Ion Ratio Lower Upper
94 100
65 33.8 12.6 52.6
66 45.6 24.1 64.1

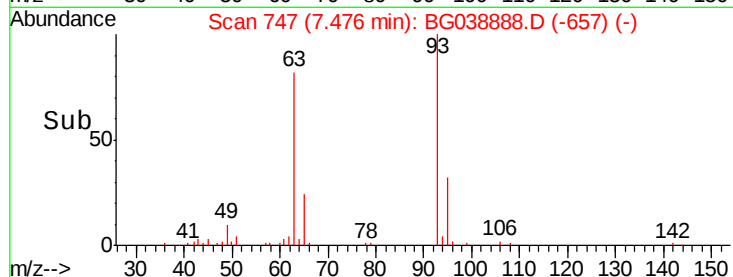
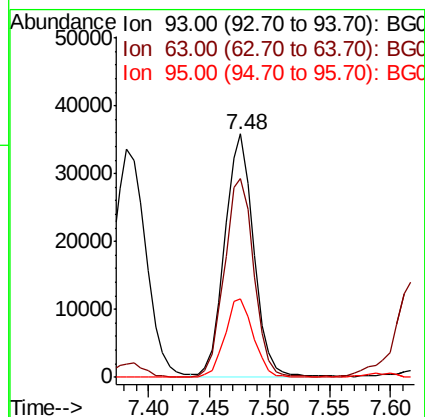
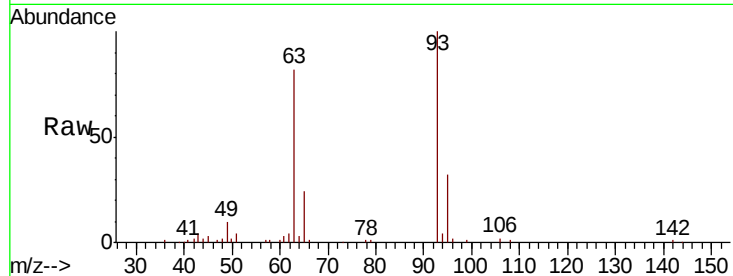




#11
bis(2-Chloroethyl)ether
Concen: 38.511 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

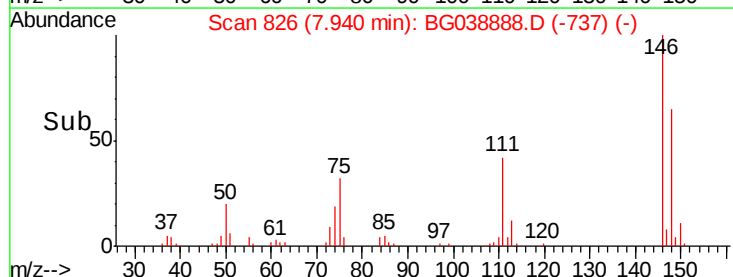
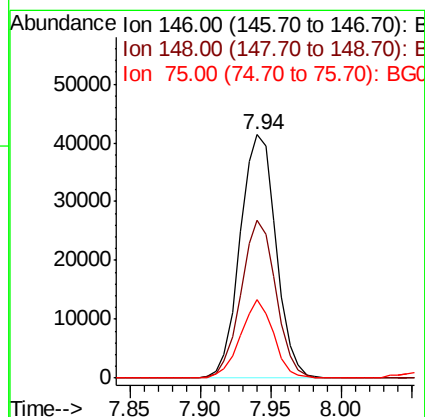
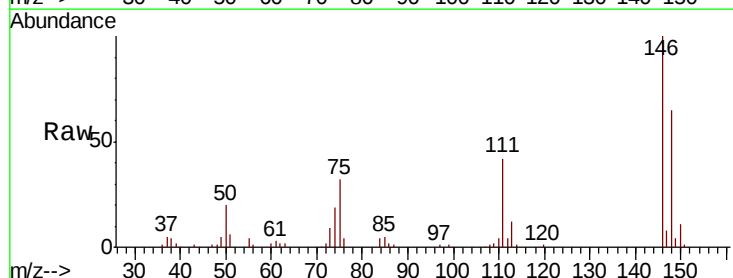
Instrument :
BNA_G
ClientSampled :

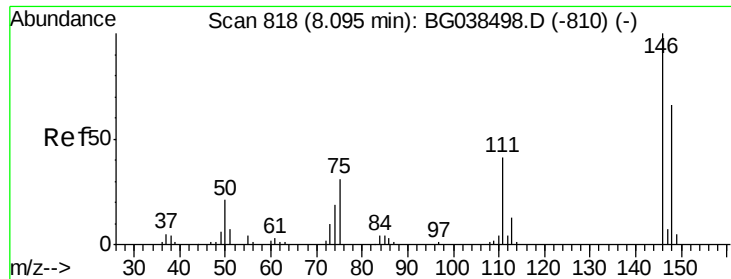
Tot Ion: 93 Resp: 59821
Ion Ratio Lower Upper
93 100
63 81.6 72.2 112.2
95 32.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 40.113 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion: 146 Resp: 73423
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.0
75 32.4 26.1 39.1

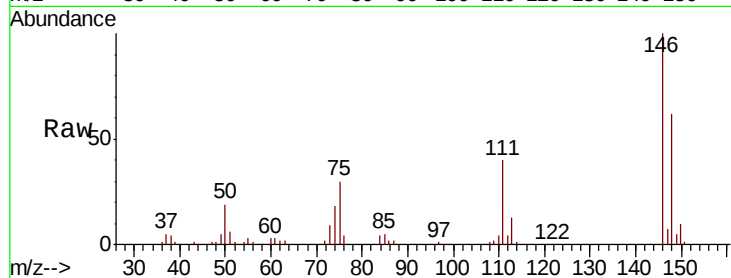




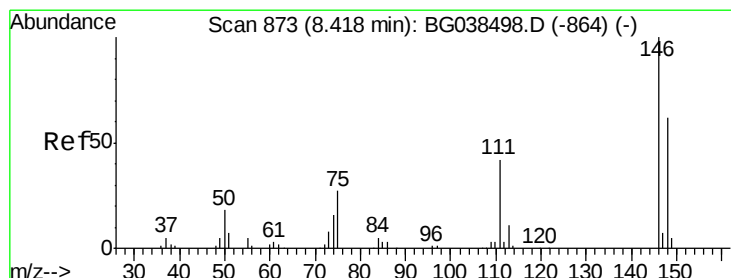
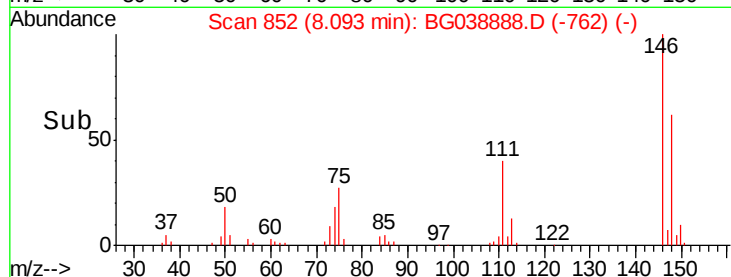
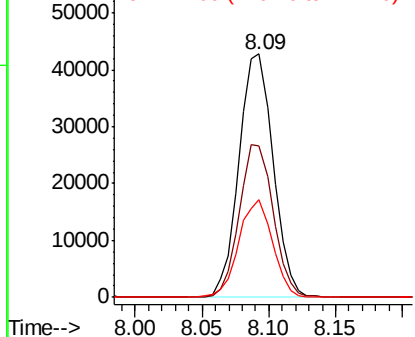
#13
 1,4-Dichlorobenzene
 Concen: 40.543 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 76005
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.4 78.6
 111 39.9 33.0 49.4

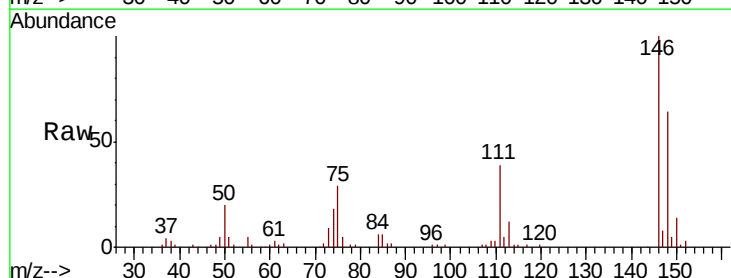


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

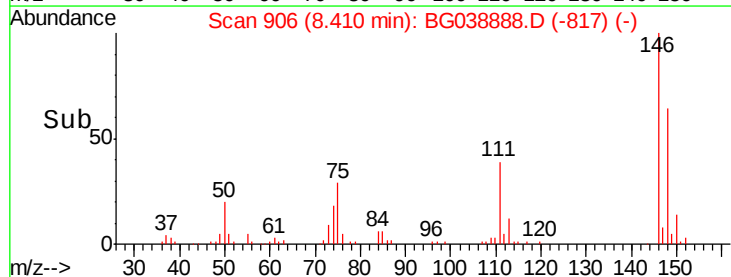
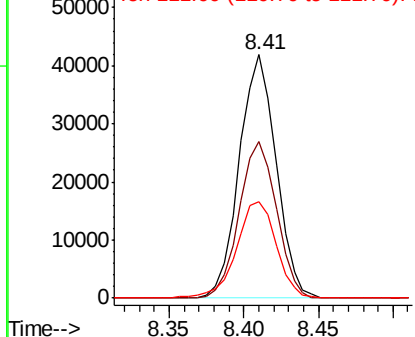


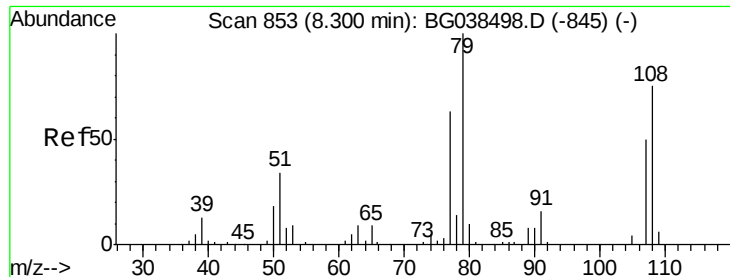
#14
 1,2-Dichlorobenzene
 Concen: 40.449 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion:146 Resp: 71487
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.4 74.0
 111 39.5 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: 47.129 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038888.D

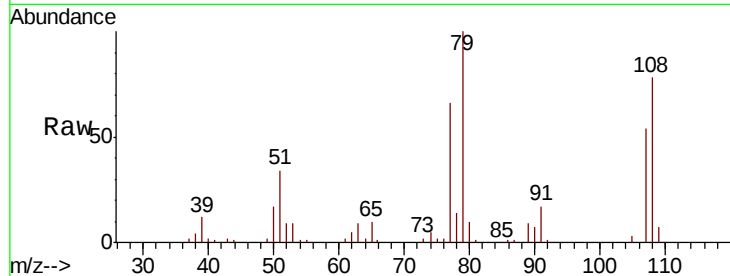
Acq: 29 Dec 2018 00:24

Instrument :

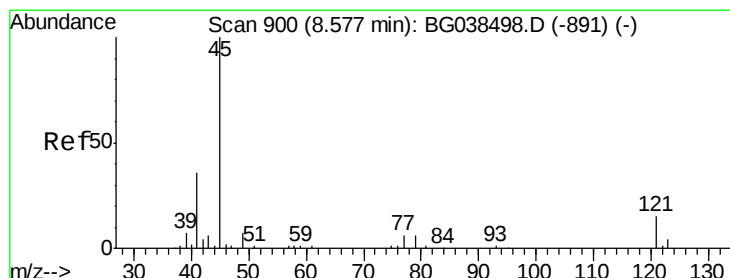
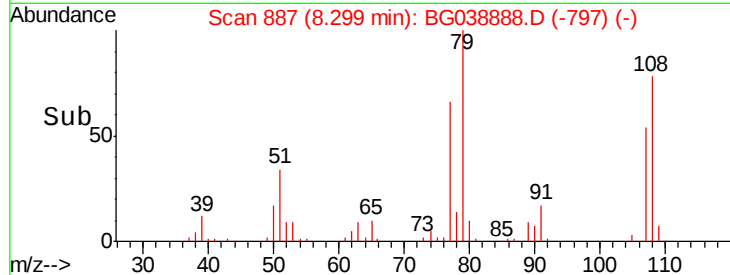
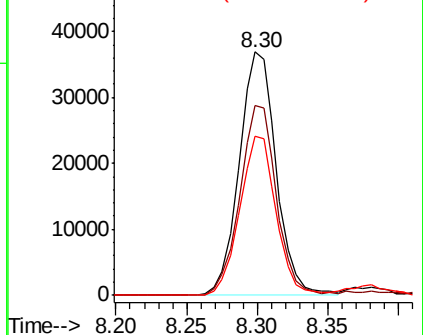
BNA_G

ClientSampled :

Tot Ion:	79	Resp:	67557
Ion	Ratio	Lower	Upper
79	100		
108	78.1	60.2	90.4
77	65.6	50.7	76.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.321 ng

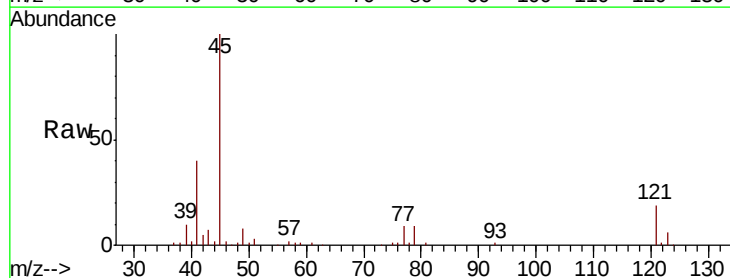
RT: 8.57 min Scan# 934

Delta R.T. -0.00 min

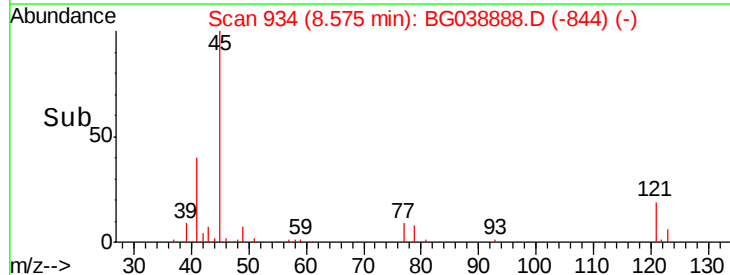
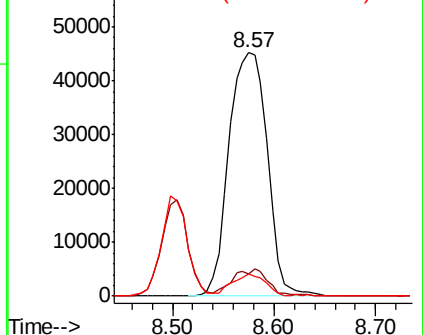
Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Tgt Ion:	45	Resp:	118566
Ion	Ratio	Lower	Upper
45	100		
77	9.3	0.0	28.2
79	9.0	0.0	27.2



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

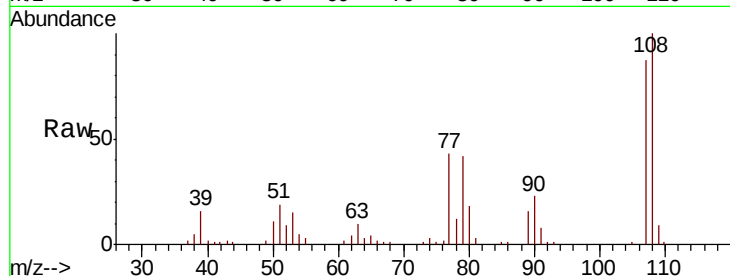




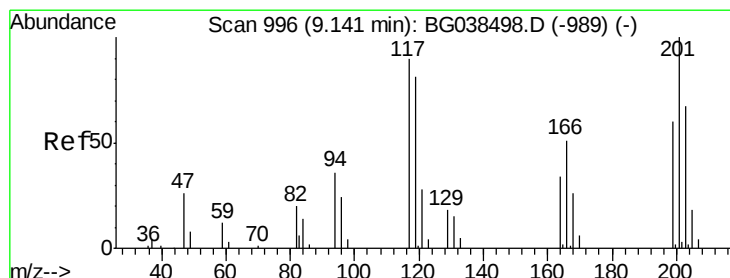
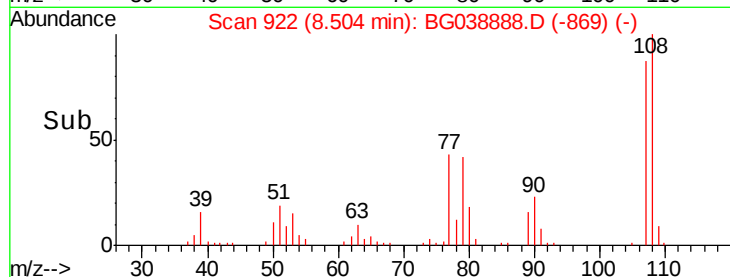
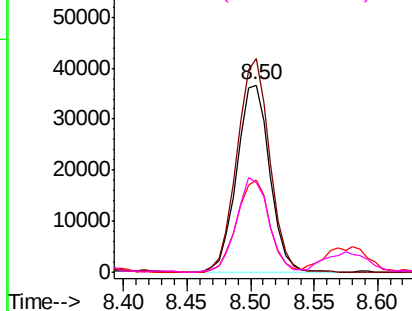
#17
2-Methylphenol
Concen: 50.622 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 66173
Ion Ratio Lower Upper
107 100
108 114.3 87.1 130.7
77 49.1 42.0 63.0
79 48.0 38.2 57.2

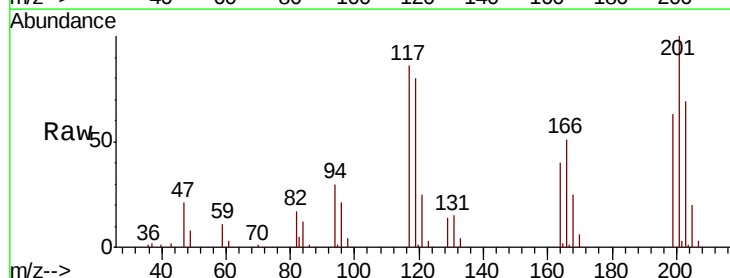


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

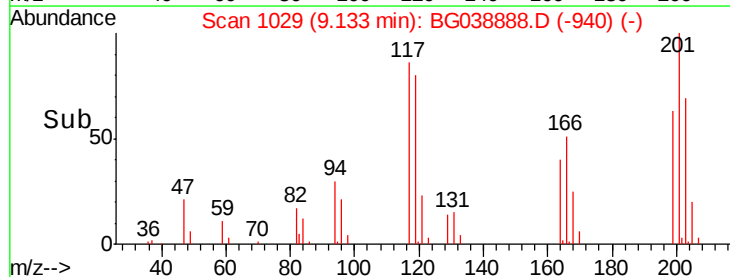
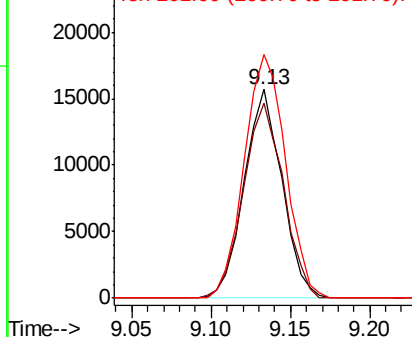


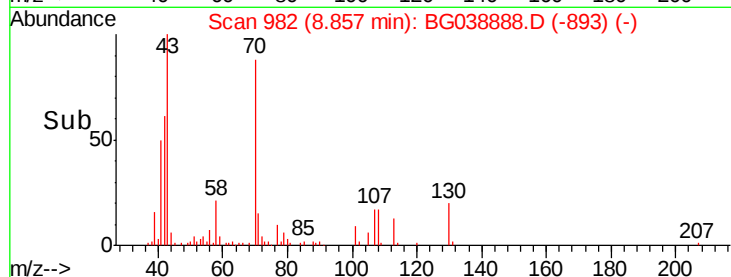
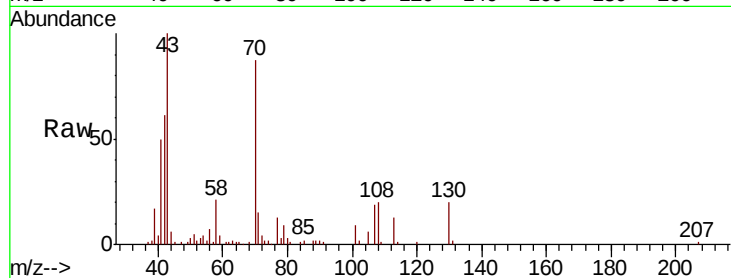
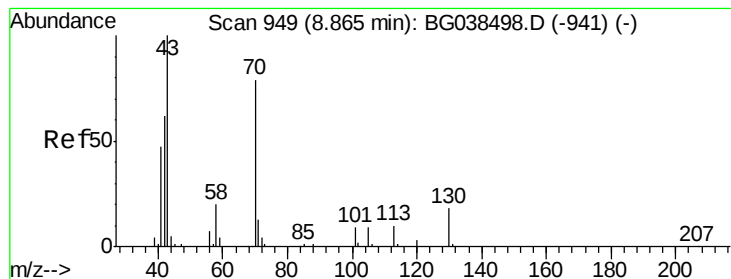
#18
Hexachloroethane
Concen: 37.911 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:117 Resp: 25970
Ion Ratio Lower Upper
117 100
119 93.4 73.8 110.8
201 120.5 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: 39.043 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 50359

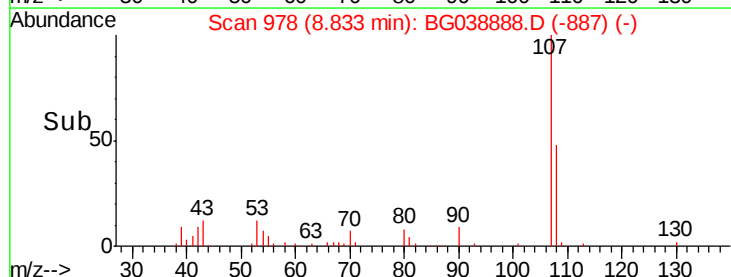
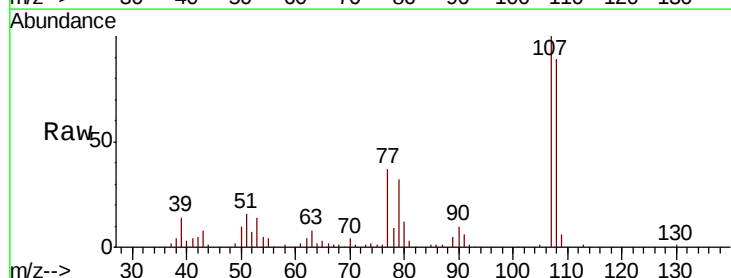
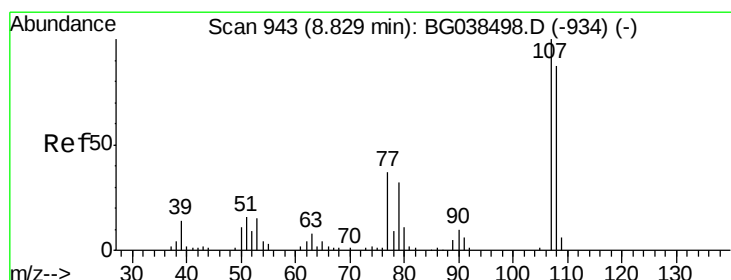
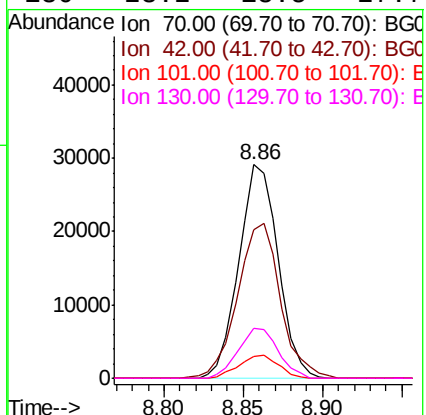
Ion Ratio Lower Upper

70 100

42 69.7 63.6 95.4

101 10.2 9.2 13.8

130 23.2 18.5 27.7



#20

3+4-Methylphenols

Concen: 51.608 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Tgt Ion: 107 Resp: 93168

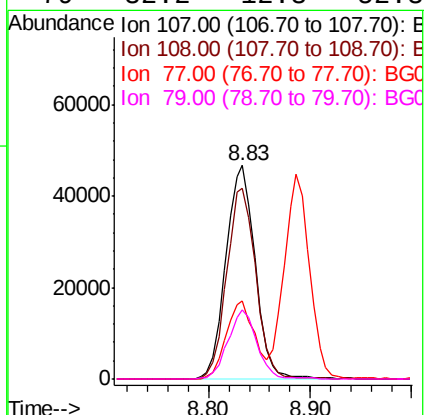
Ion Ratio Lower Upper

107 100

108 89.2 66.7 106.7

77 36.9 17.3 57.3

79 32.2 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 100129

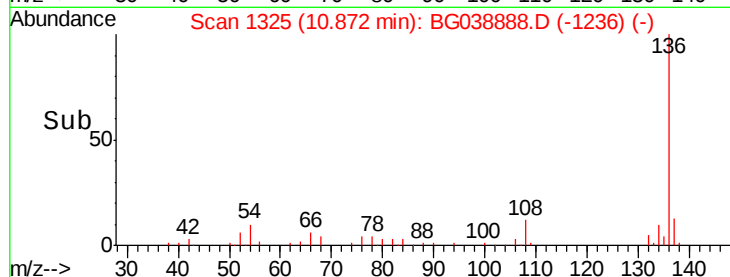
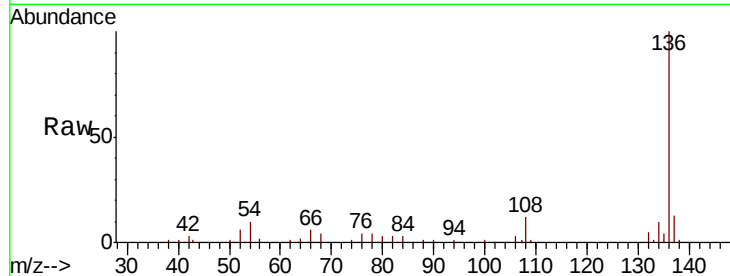
Ion Ratio Lower Upper

136 100

137 12.7 9.3 13.9

54 9.9 8.5 12.7

68 4.3 3.5 5.3

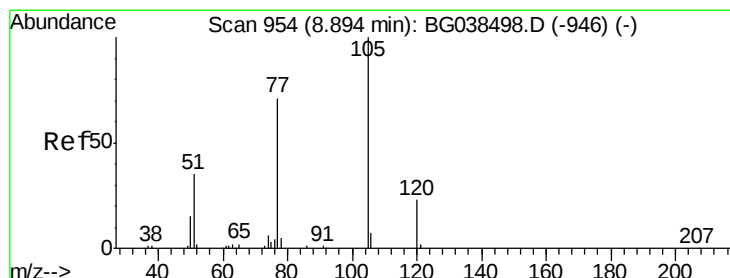
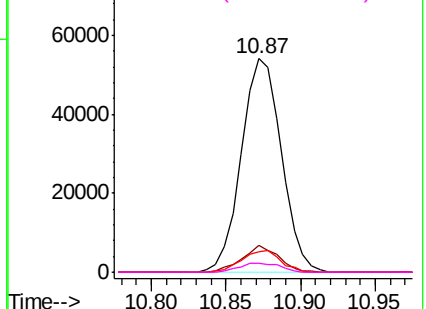


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 41.698 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Tgt Ion:105 Resp: 104288

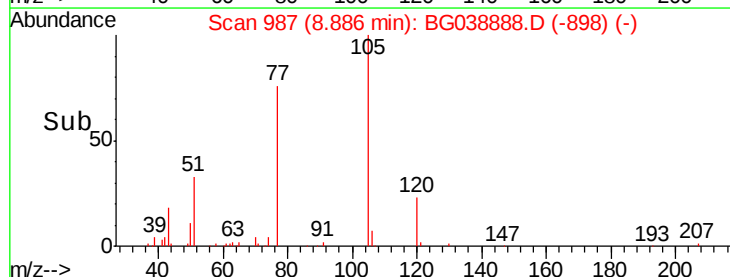
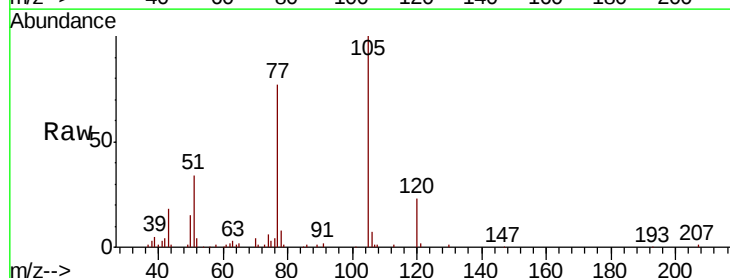
Ion Ratio Lower Upper

105 100

71 0.7 0.4 0.6#

51 34.1 30.6 46.0

120 22.6 18.6 28.0

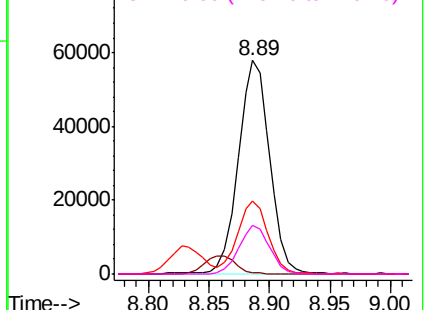


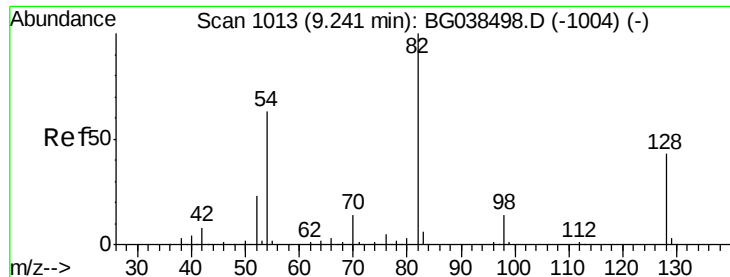
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

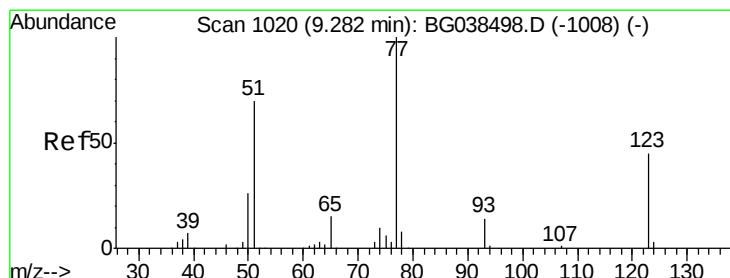
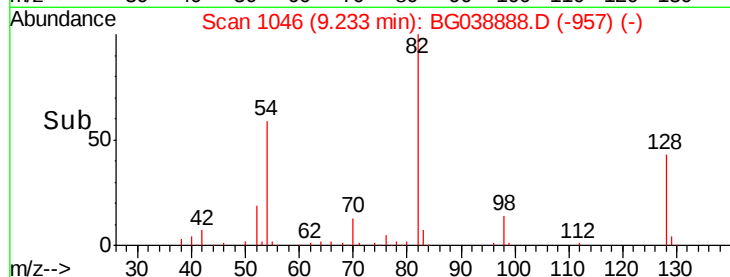
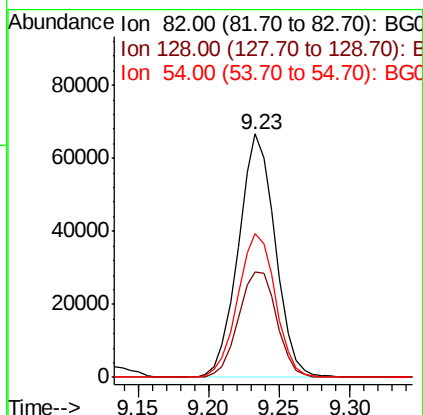
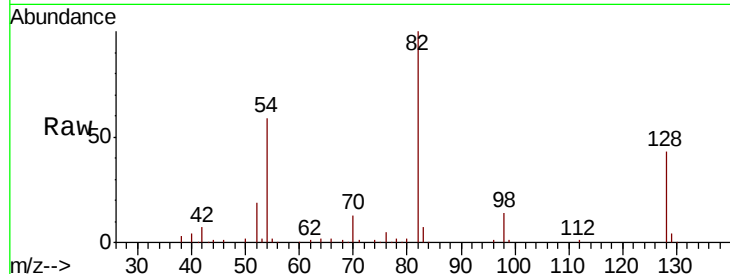




#23
 Nitrobenzene-d5
 Concen: 62.123 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

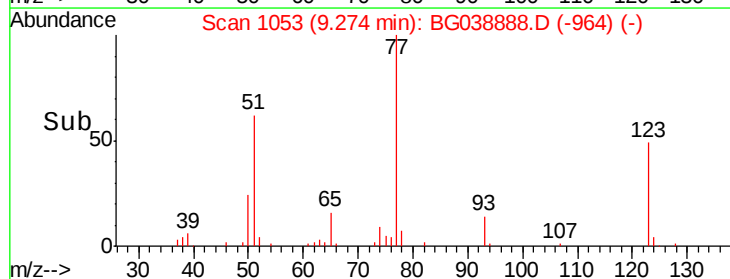
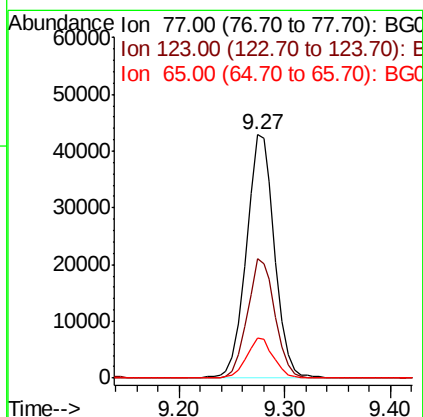
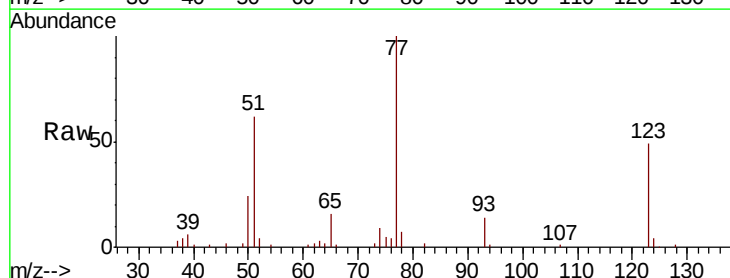
Instrument :
 BNA_G
 ClientSampleId :

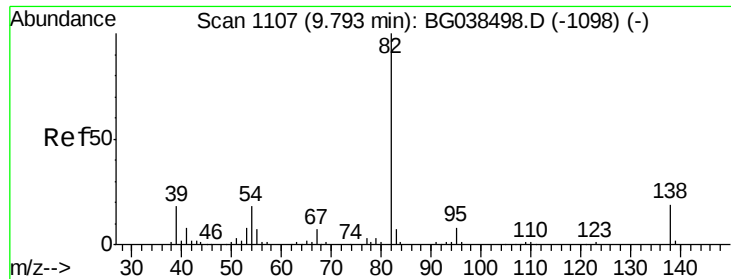
Tot Ion: 82 Resp: 121759
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.6 52.0
 54 58.9 50.6 76.0



#24
 Nitrobenzene
 Concen: 40.011 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion: 77 Resp: 79332
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.9 53.9
 65 16.5 12.0 18.0

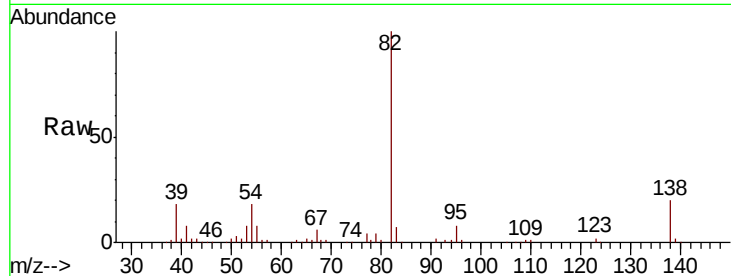




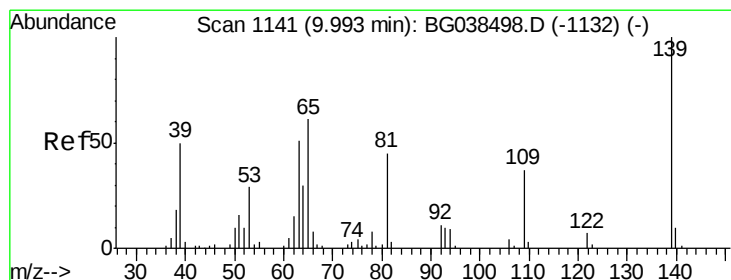
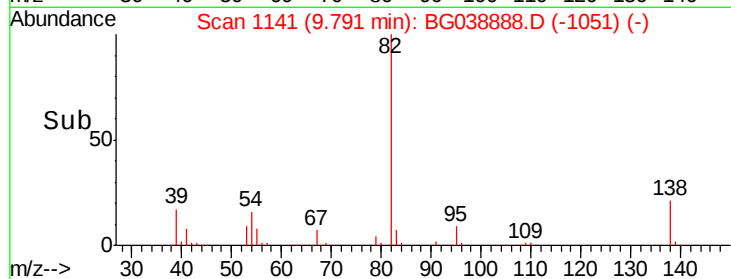
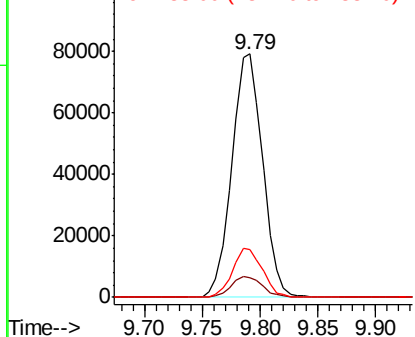
#25
Isophorone
Concen: 41.476 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 146056
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 19.8 14.9 22.3

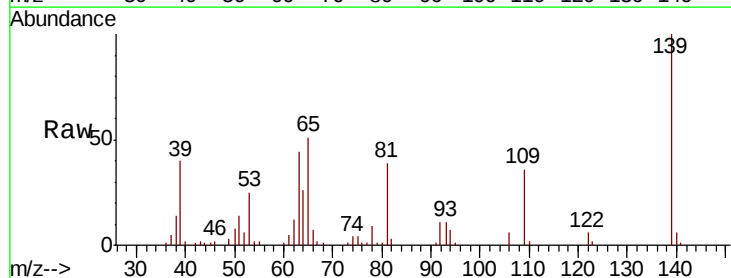


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

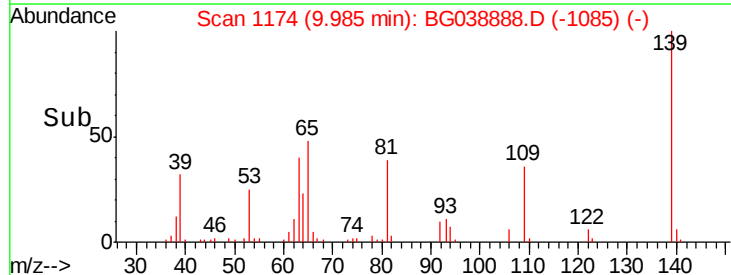
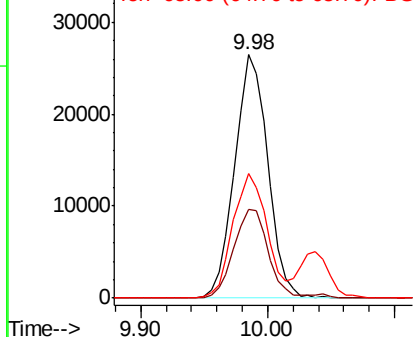


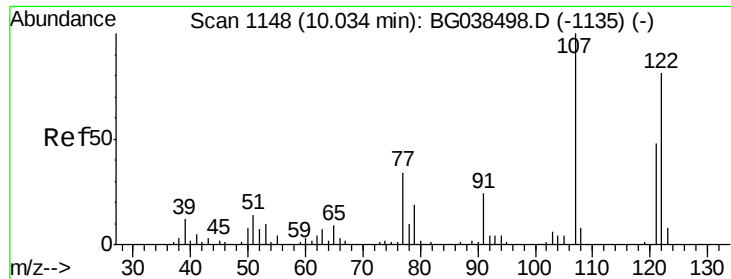
#26
2-Nitrophenol
Concen: 47.088 ng
RT: 9.98 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion: 139 Resp: 47786
Ion Ratio Lower Upper
139 100
109 36.3 29.5 44.3
65 51.0 48.5 72.7



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

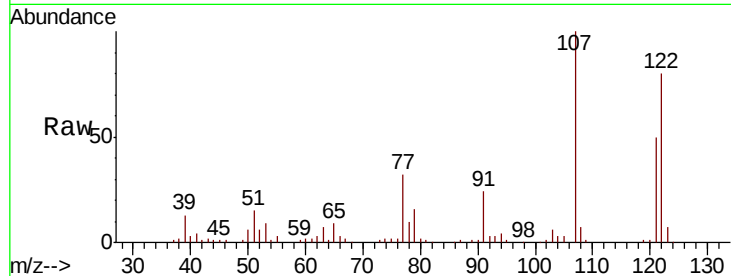




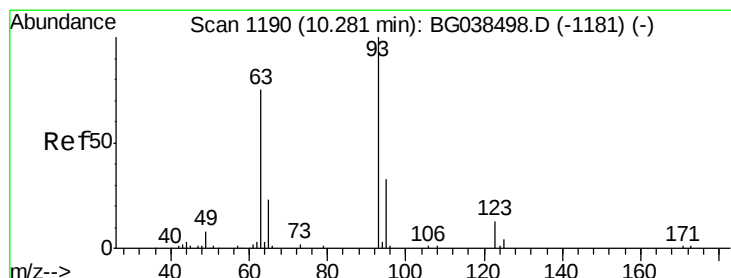
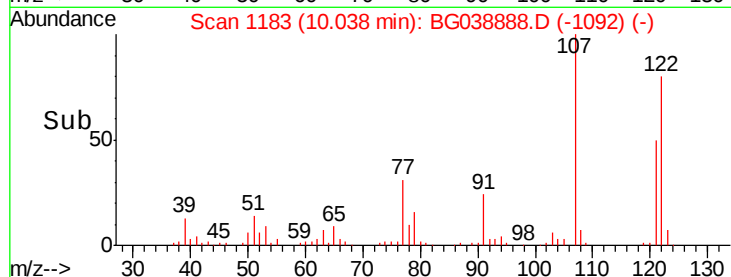
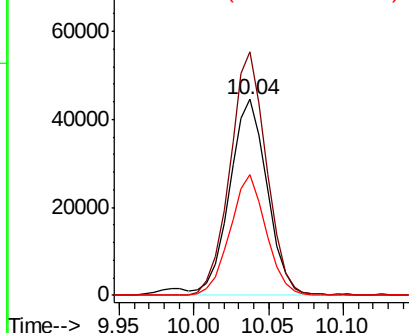
#27
 2,4-Dimethylphenol
 Concen: 53.824 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 78282
 Ion Ratio Lower Upper
 122 100
 107 124.3 98.4 147.6
 121 61.9 47.2 70.8

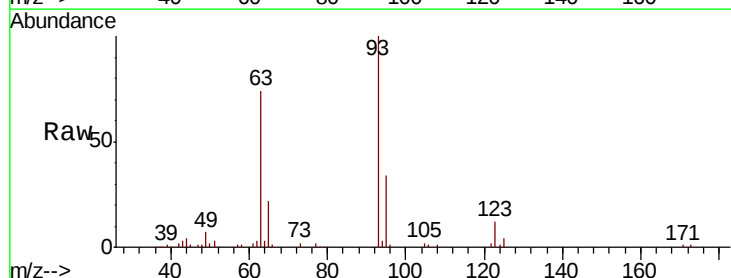


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

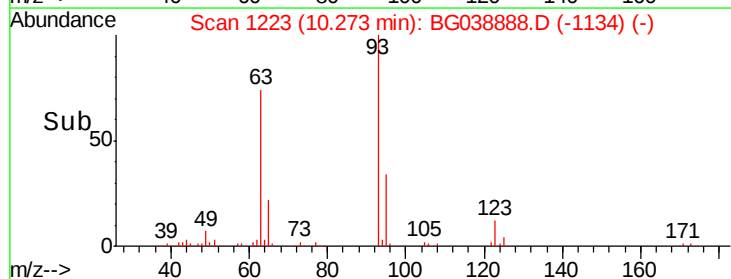
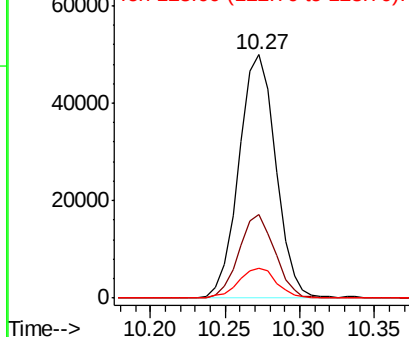


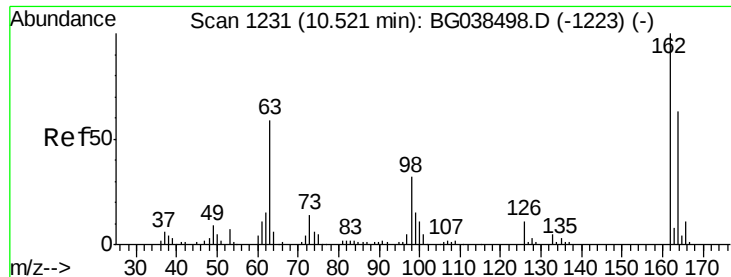
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.250 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion: 93 Resp: 85951
 Ion Ratio Lower Upper
 93 100
 95 34.2 26.6 40.0
 123 12.1 10.6 16.0



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

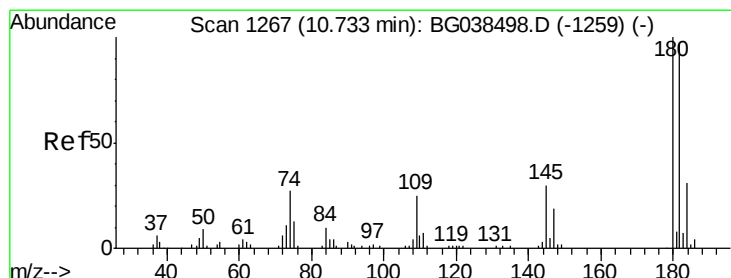
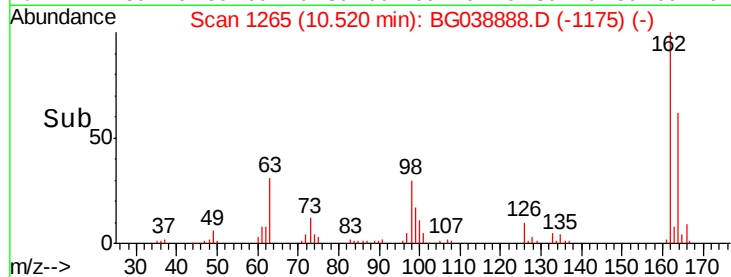
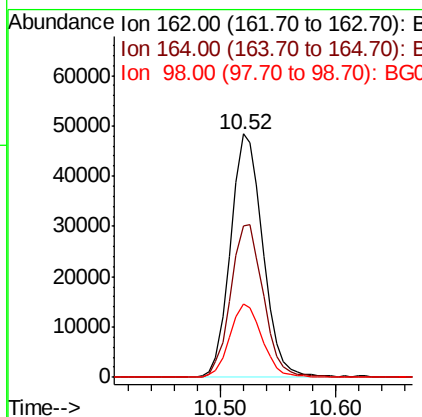
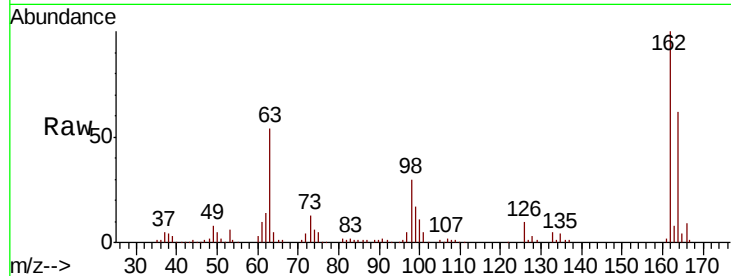




#29
 2,4-Dichlorophenol
 Concen: 58.099 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

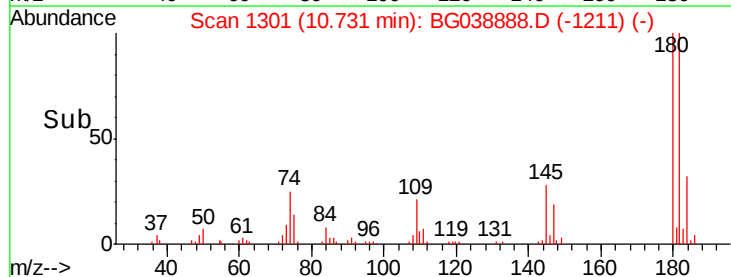
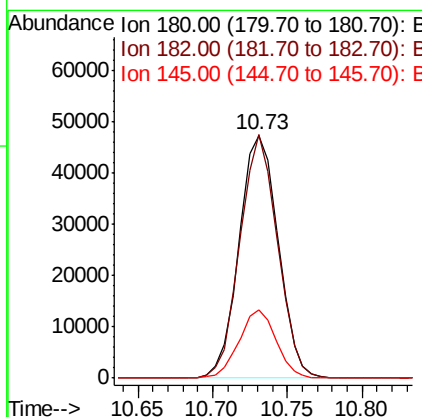
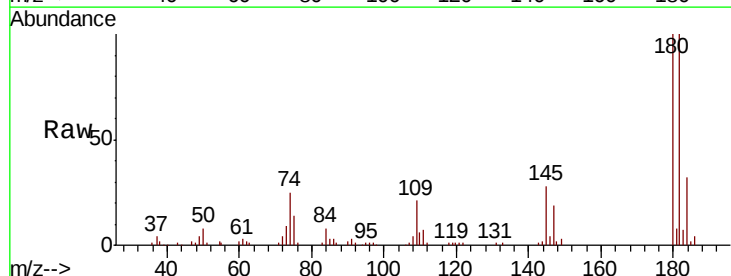
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 94004
 Ion Ratio Lower Upper
 162 100
 164 62.4 42.9 82.9
 98 30.1 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.020 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion:180 Resp: 86033
 Ion Ratio Lower Upper
 180 100
 182 100.3 77.4 116.0
 145 27.9 24.1 36.1

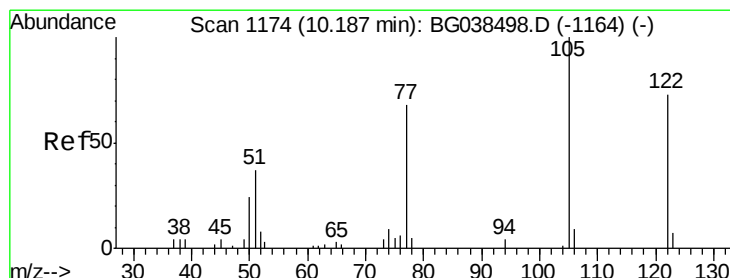
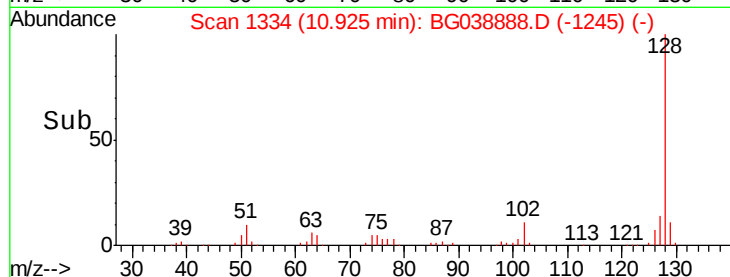
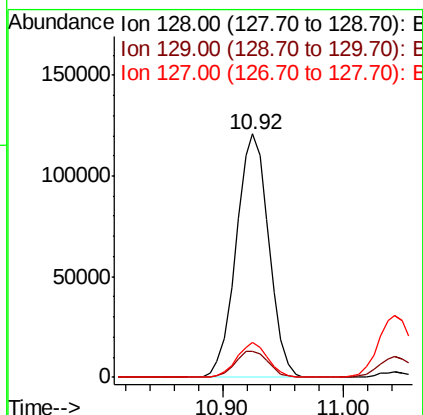
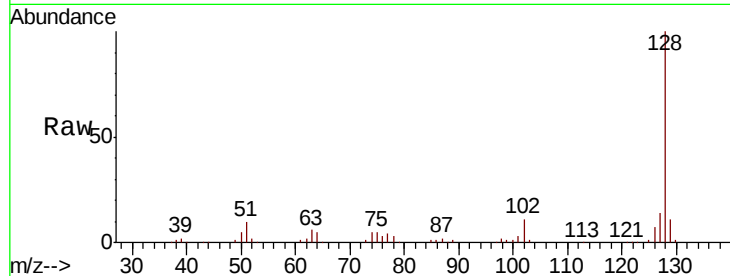




#31
Naphthalene
Concen: 45.970 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

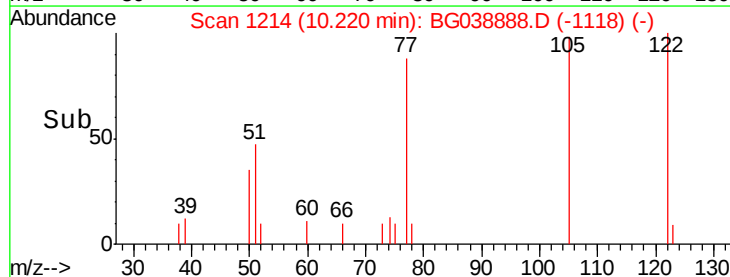
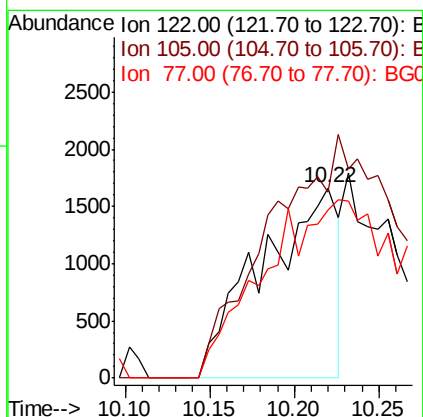
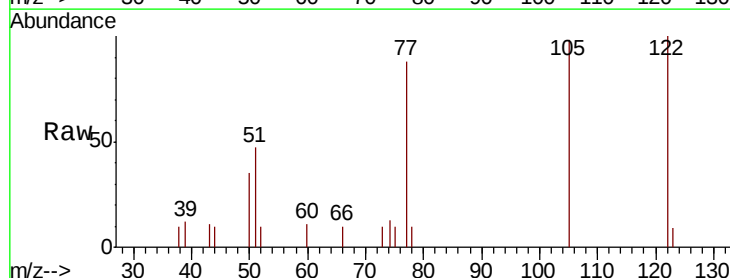
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 226792
Ion Ratio Lower Upper
128 100
129 10.9 9.5 14.3
127 14.4 10.9 16.3



#32
Benzoic acid
Concen: 14.590 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.03 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:122 Resp: 5187
Ion Ratio Lower Upper
122 100
105 97.9 116.7 156.7#
77 88.5 72.5 112.5

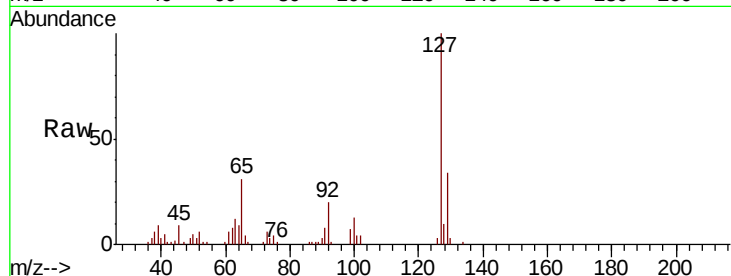




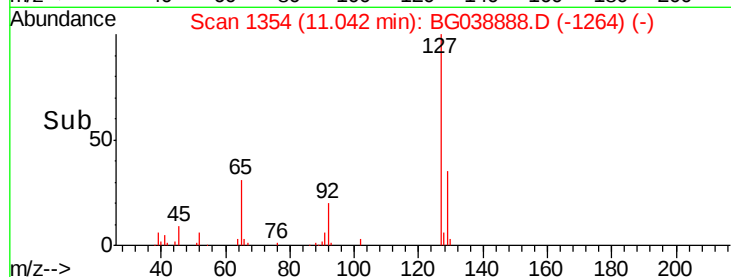
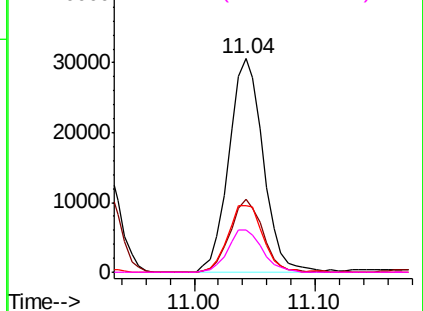
#33
4-Chloroaniline
Concen: 28.405 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	60840
Ion	Ratio	Lower Upper
127	100	
129	34.4	25.8 38.8
65	31.4	27.8 41.6
92	20.1	17.0 25.6

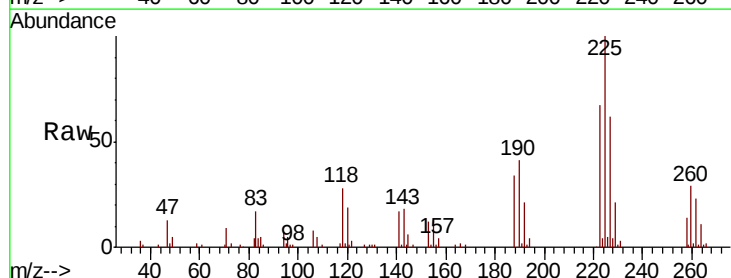


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

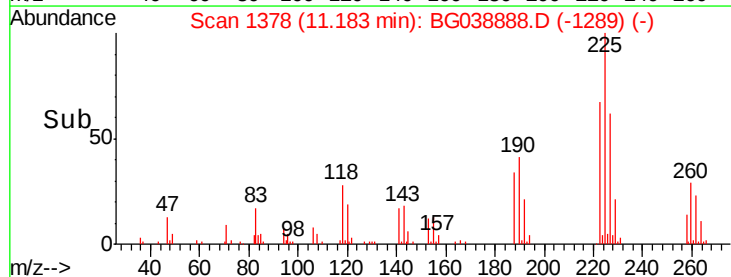
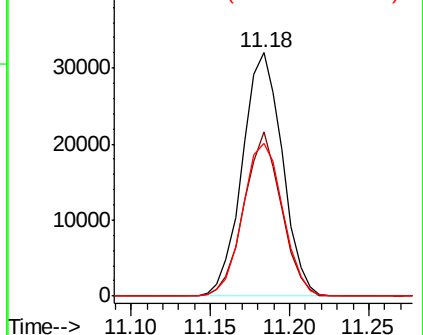


#34
Hexachlorobutadiene
Concen: 42.492 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:225	Resp:	56193
Ion	Ratio	Lower Upper
225	100	
223	64.0	45.0 67.6
227	62.9	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

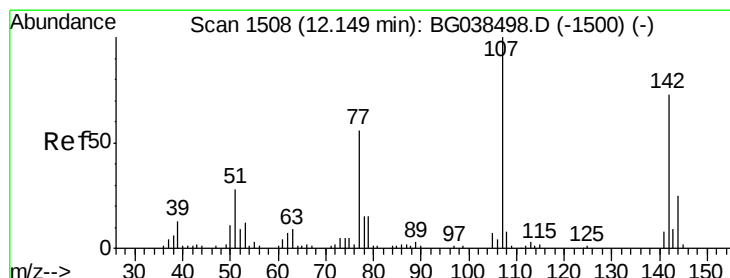
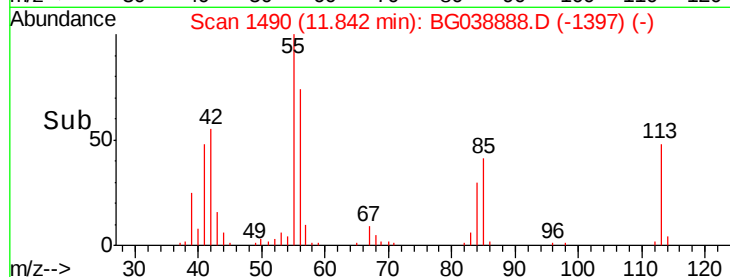
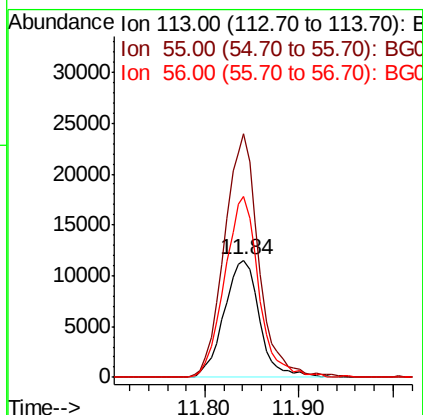
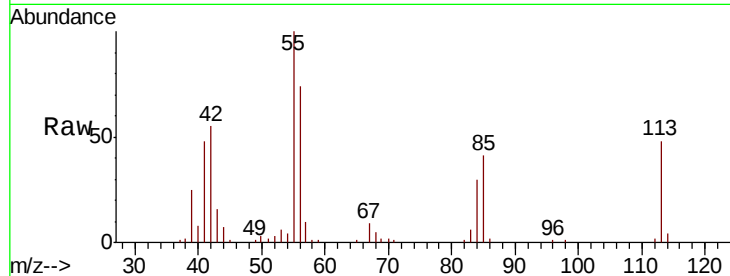




#35
 Caprolactam
 Concen: 44.802 ng
 RT: 11.84 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

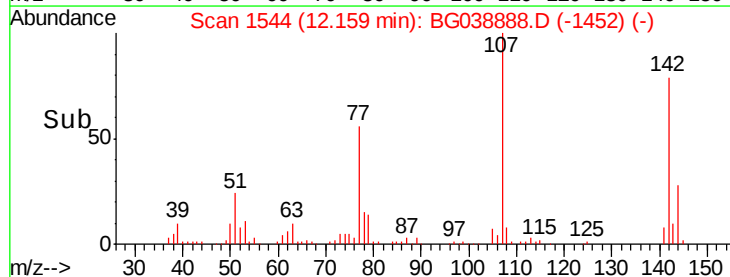
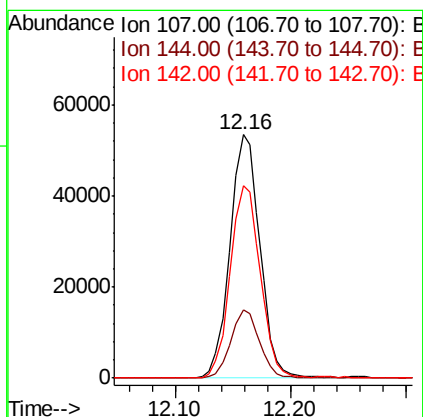
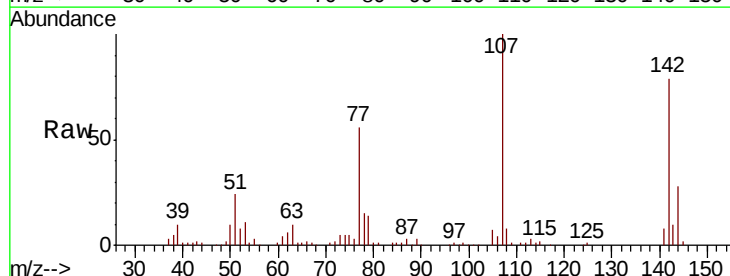
Instrument :
 BNA_G
 ClientSampleId :

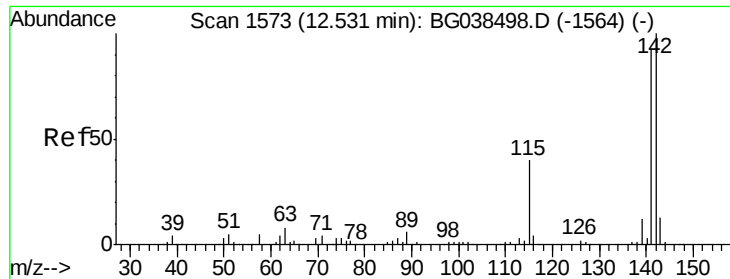
Tot Ion:113 Resp: 29999
 Ion Ratio Lower Upper
 113 100
 55 208.1 204.3 244.3
 56 154.8 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 52.059 ng
 RT: 12.16 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion:107 Resp: 96122
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.1 30.1
 142 78.8 58.7 88.1

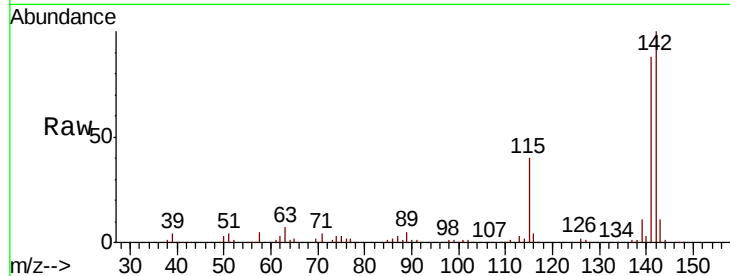




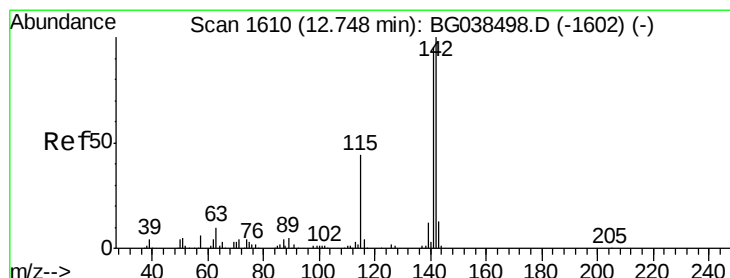
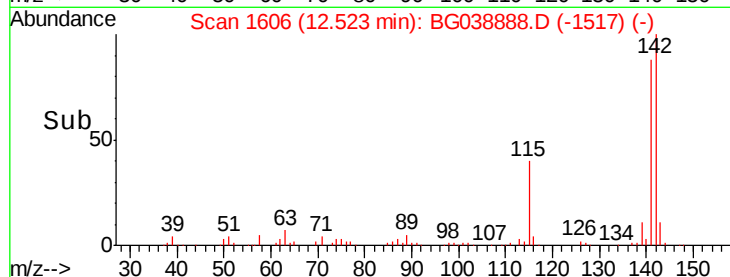
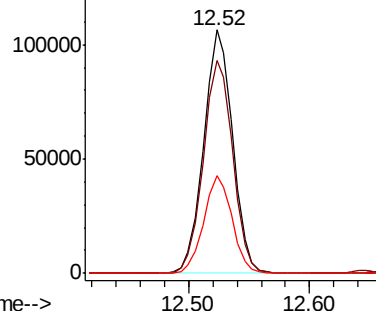
#37
2-Methylnaphthalene
Concen: 50.355 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:142 Resp: 177229
Ion Ratio Lower Upper
142 100
141 87.6 73.5 110.3
115 40.2 31.7 47.5

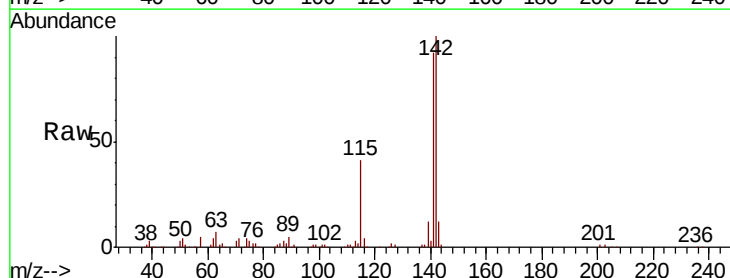


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

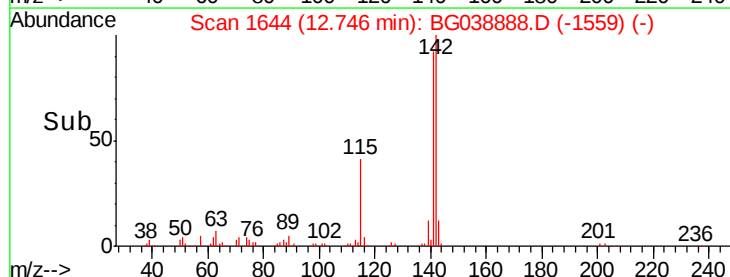
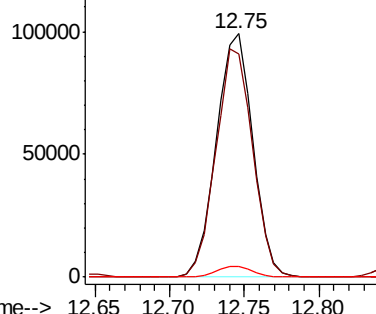


#38
1-Methylnaphthalene
Concen: 49.167 ng
RT: 12.75 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:142 Resp: 167920
Ion Ratio Lower Upper
142 100
141 91.9 75.8 113.8
116 4.2 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

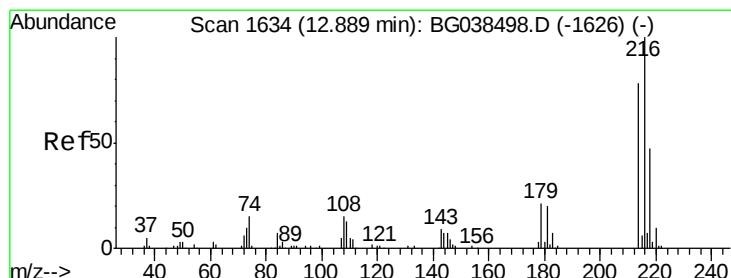
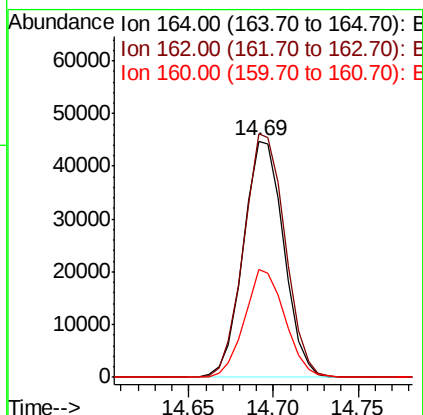
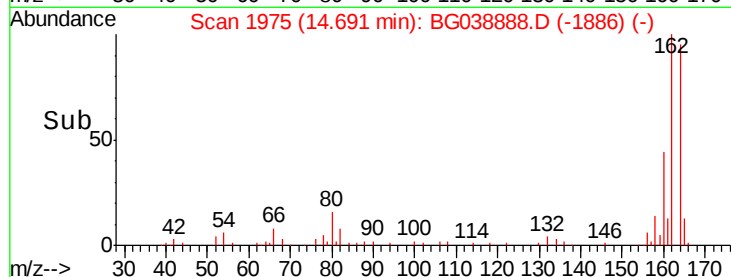
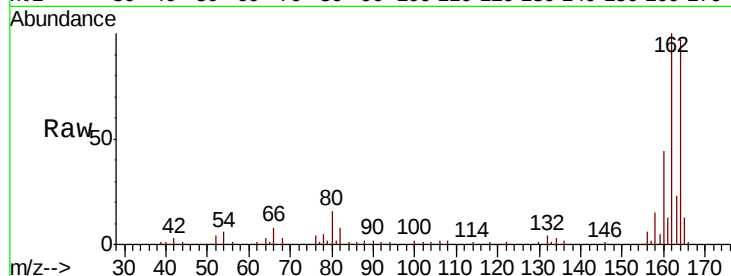
Tot Ion:164 Resp: 74216

Ion Ratio Lower Upper

164 100

162 103.1 86.6 130.0

160 45.7 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.370 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Tgt Ion:216 Resp: 109220

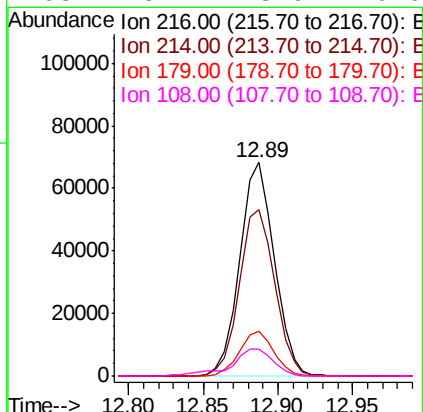
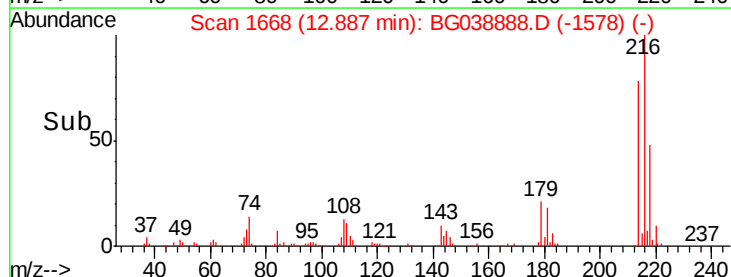
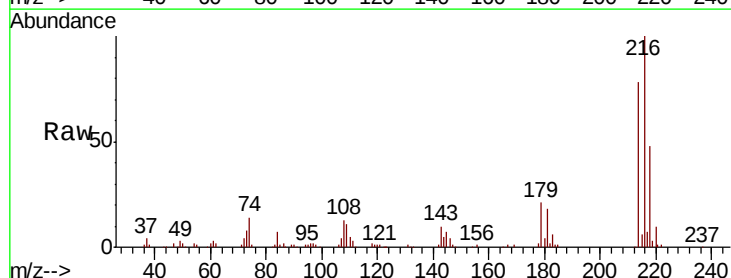
Ion Ratio Lower Upper

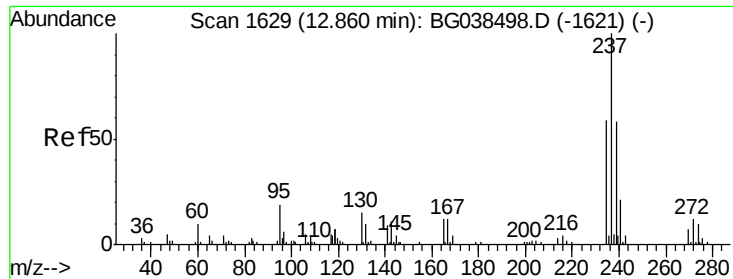
216 100

214 80.1 64.1 96.1

179 20.9 16.4 24.6

108 15.2 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 54.231 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

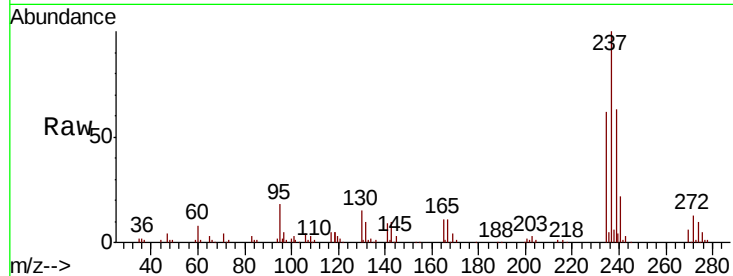
Tot Ion:237 Resp: 82654

Ion Ratio Lower Upper

237 100

235 62.5 38.8 78.8

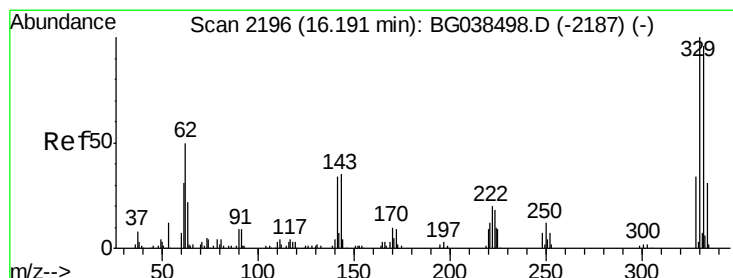
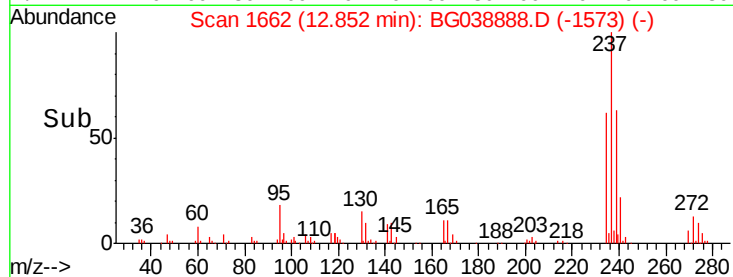
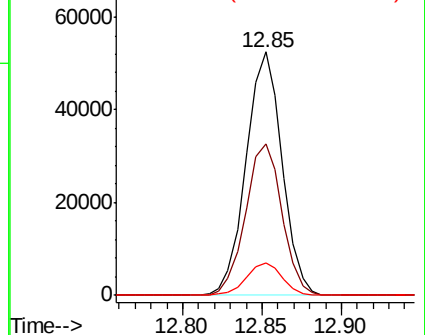
272 13.2 0.0 32.0



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: 135.766 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

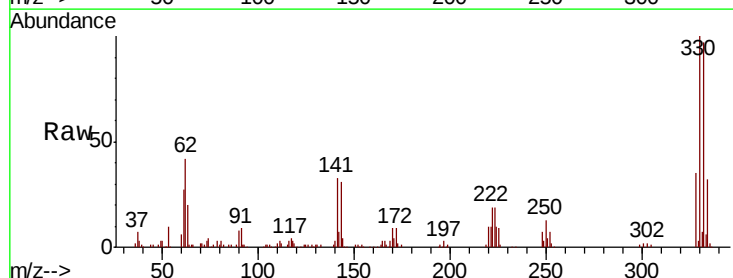
Tgt Ion:330 Resp: 138866

Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

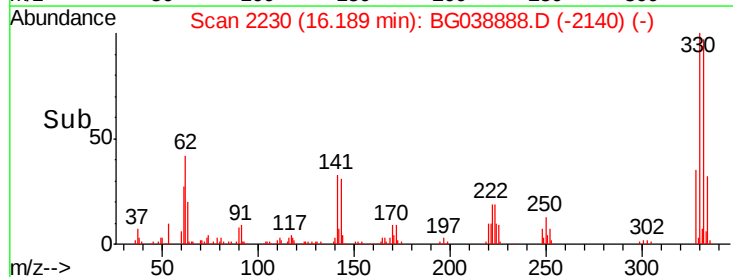
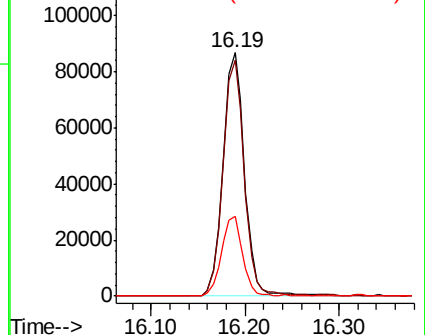
141 32.0 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

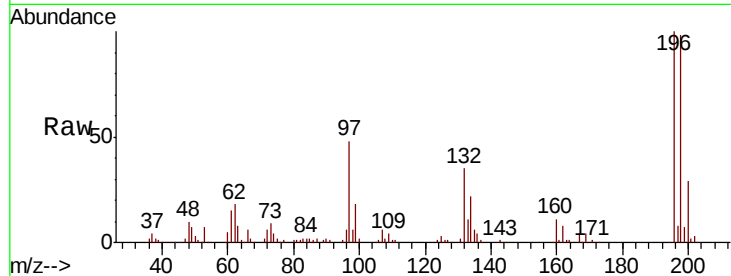




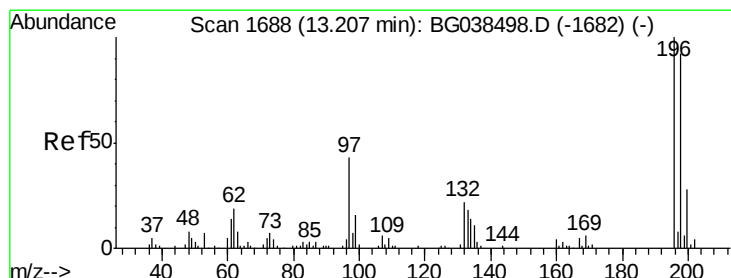
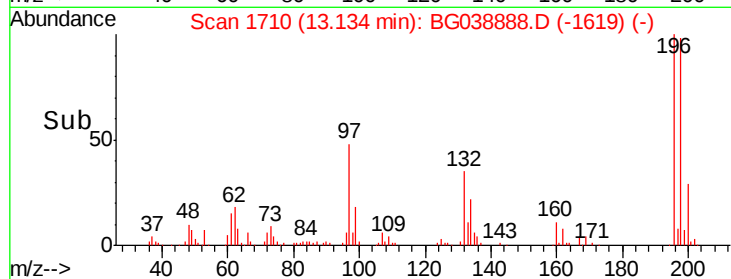
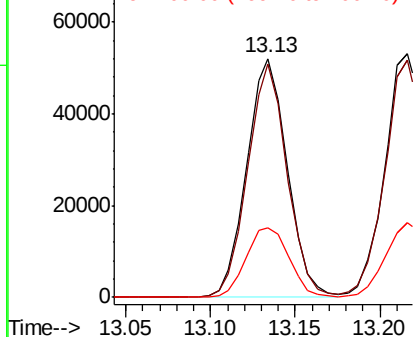
#43
 2,4,6-Trichlorophenol
 Concen: 50.888 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 86802
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.0 112.4
 200 29.3 22.4 33.6



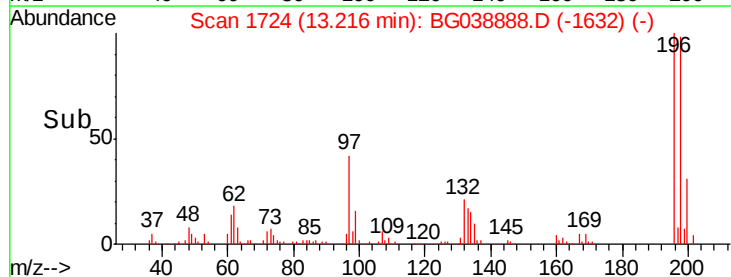
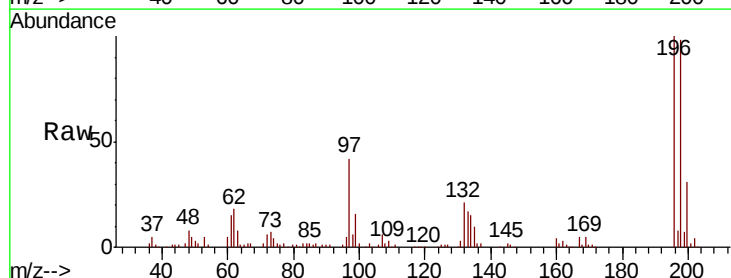
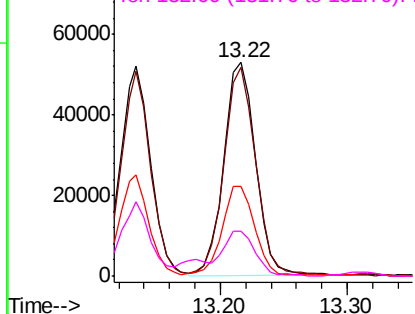
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

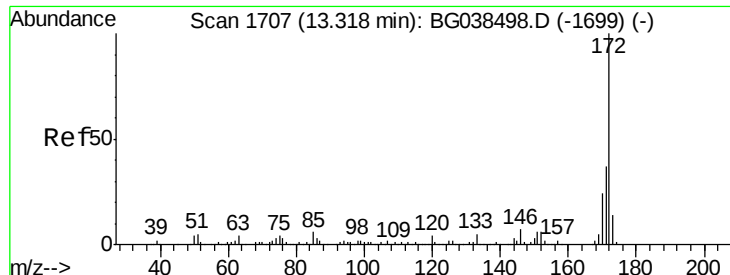


#44
 2,4,5-Trichlorophenol
 Concen: 50.603 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion:196 Resp: 91389
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.0 111.0
 97 42.1 35.1 52.7
 132 21.0 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

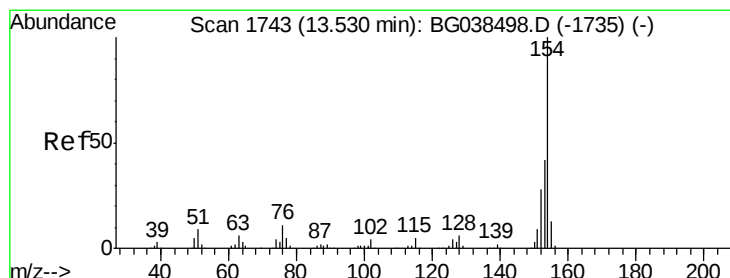
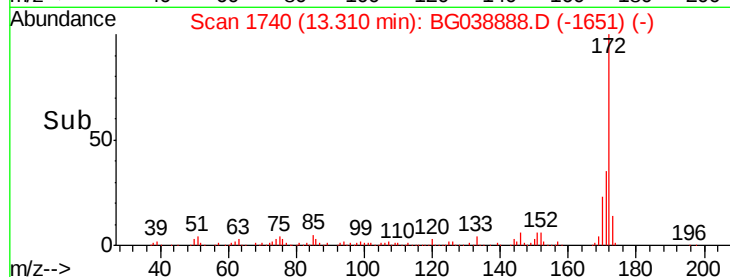
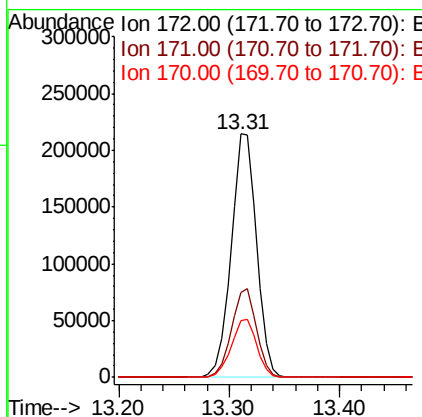
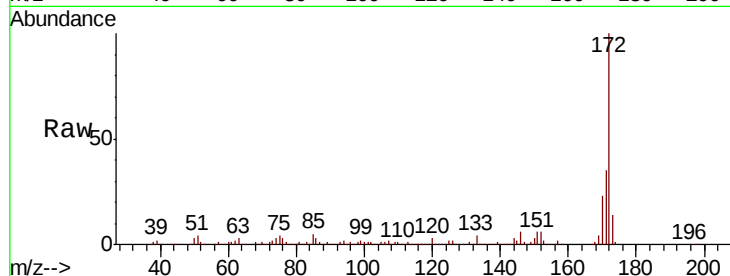




#45
 2-Fluorobiphenyl
 Concen: 63.642 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

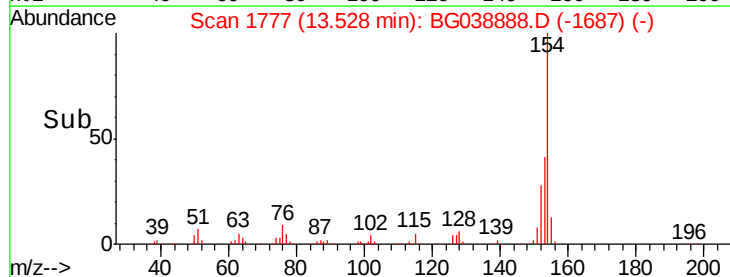
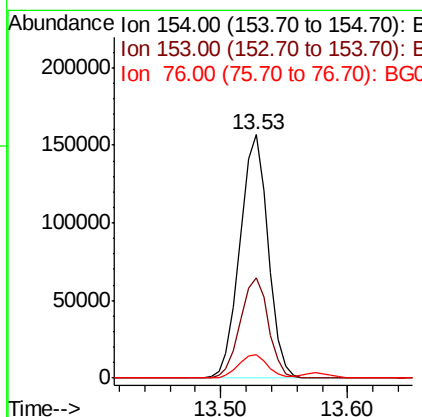
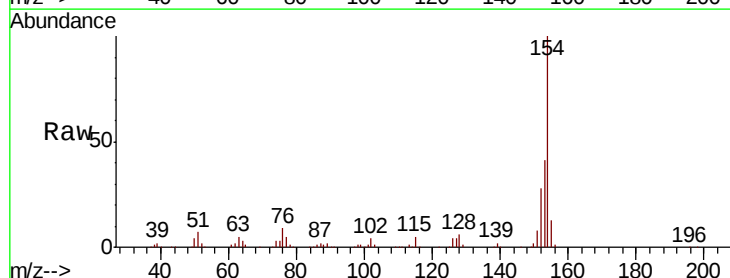
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	23.5	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 38.687 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.1	62.1
76	9.5	0.0	31.2

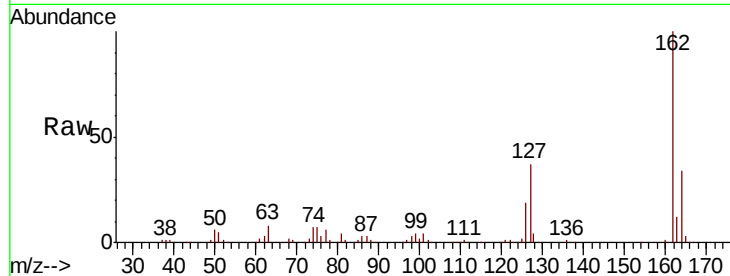




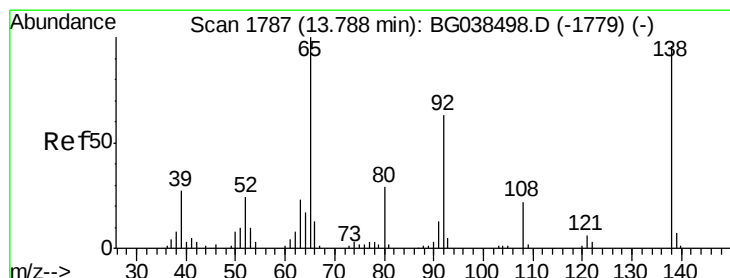
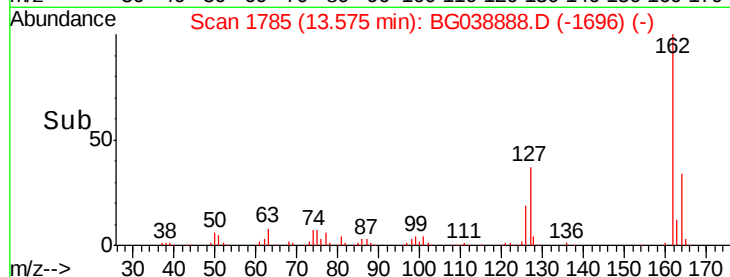
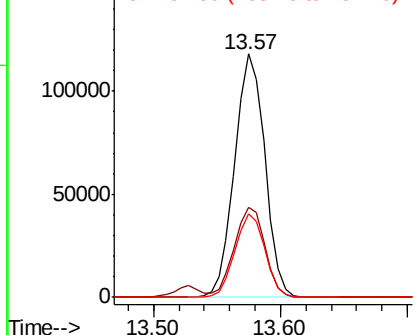
#47
 2-Chloronaphthalene
 Concen: 40.540 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 194831
 Ion Ratio Lower Upper
 162 100
 127 36.9 27.8 41.8
 164 34.1 26.9 40.3

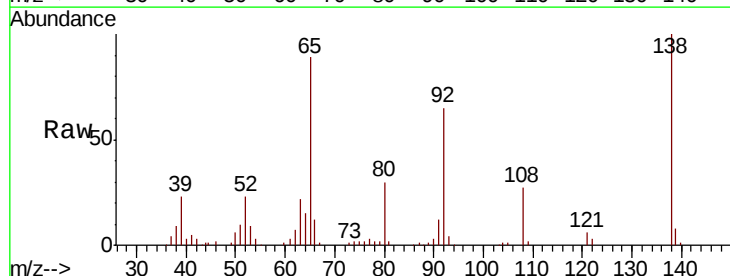


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

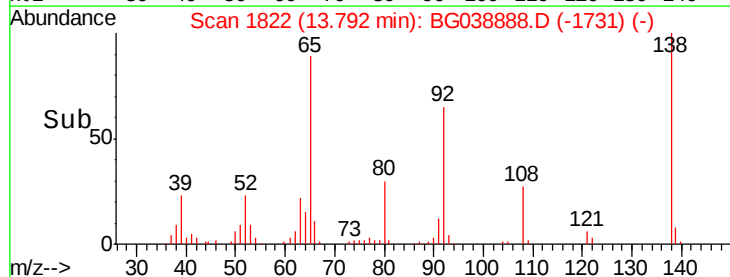
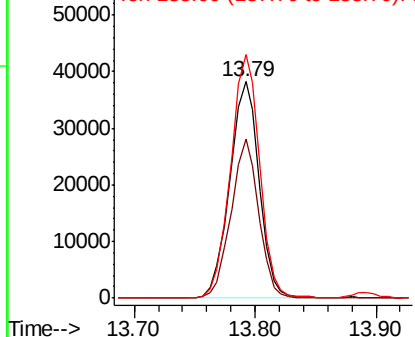


#48
 2-Nitroaniline
 Concen: 42.141 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion: 65 Resp: 64510
 Ion Ratio Lower Upper
 65 100
 92 73.7 50.0 75.0
 138 112.6 76.9 115.3



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





#49

Acenaphthylene

Concen: 45.075 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampled :

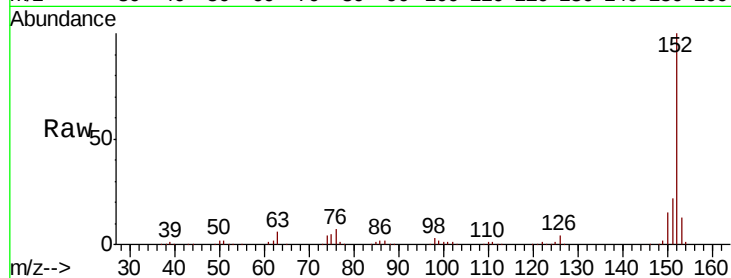
Tot Ion:152 Resp: 323849

Ion Ratio Lower Upper

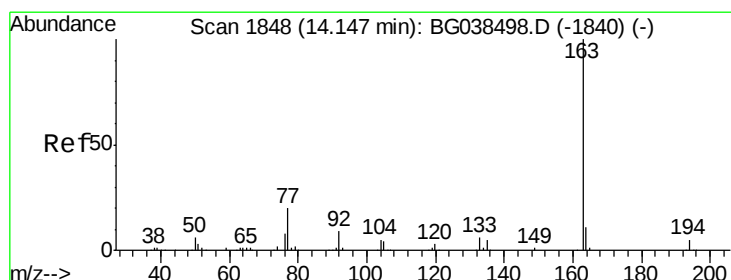
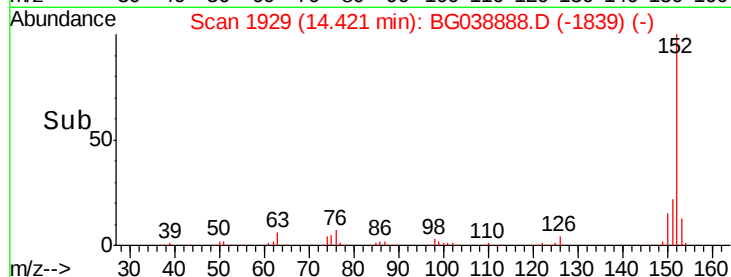
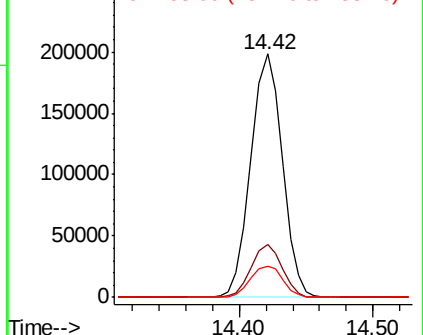
152 100

151 21.6 16.4 24.6

153 13.0 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: 44.391 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

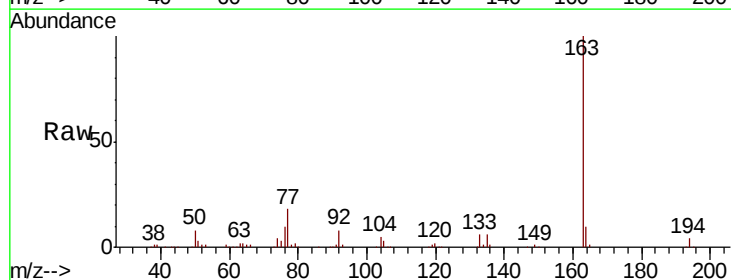
Tgt Ion:163 Resp: 269045

Ion Ratio Lower Upper

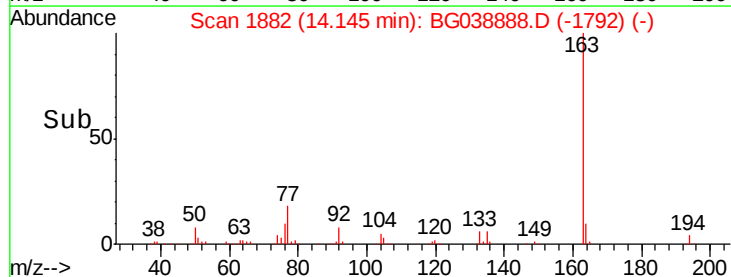
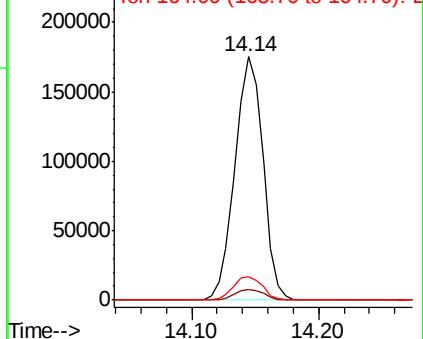
163 100

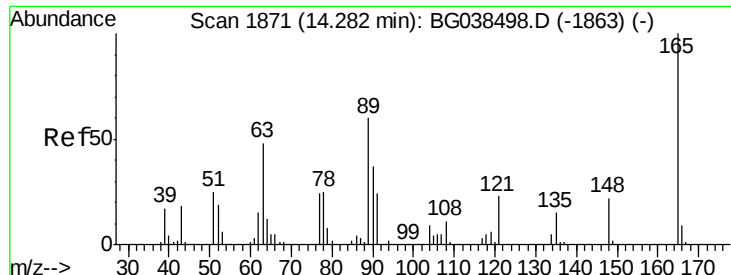
194 4.3 3.7 5.5

164 9.8 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

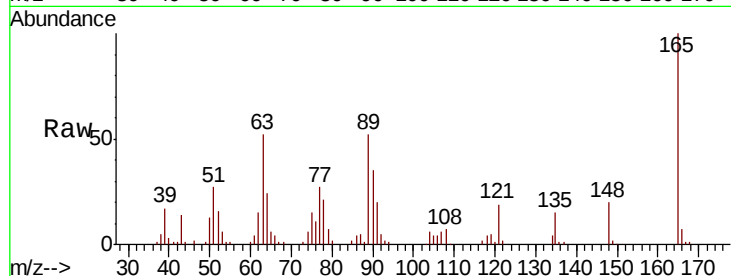




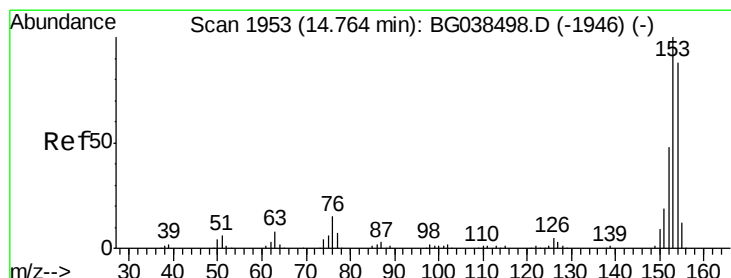
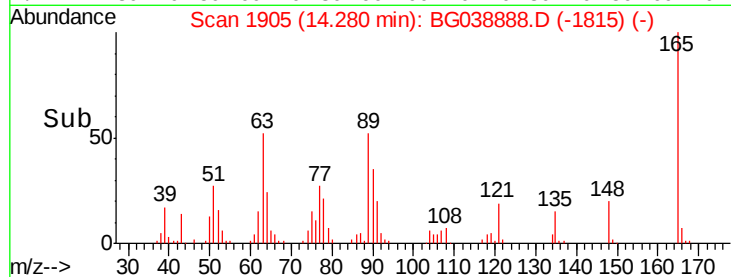
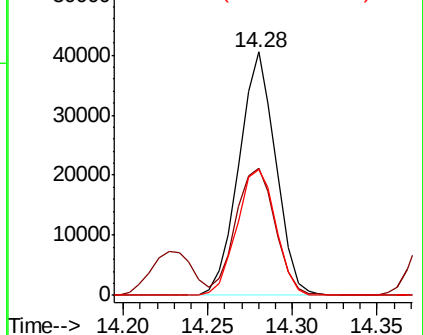
#51
 2,6-Dinitrotoluene
 Concen: 44.563 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:165 Resp: 61206
 Ion Ratio Lower Upper
 165 100
 63 52.1 51.8 77.6
 89 51.9 47.9 71.9

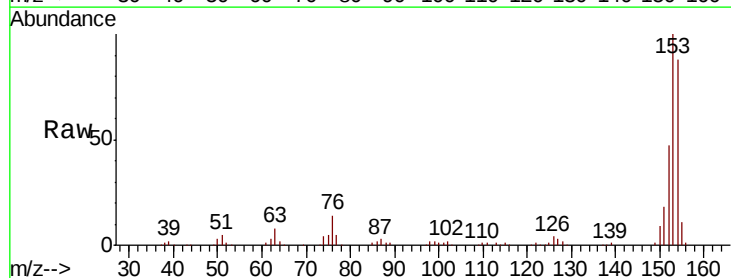


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

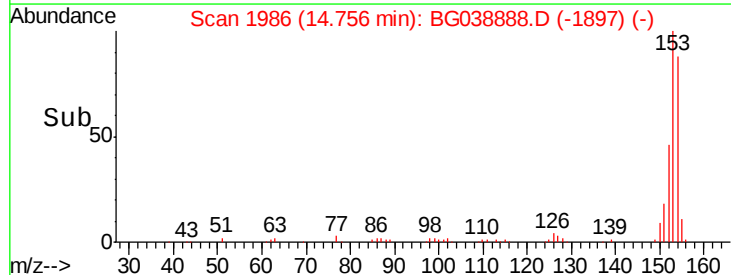
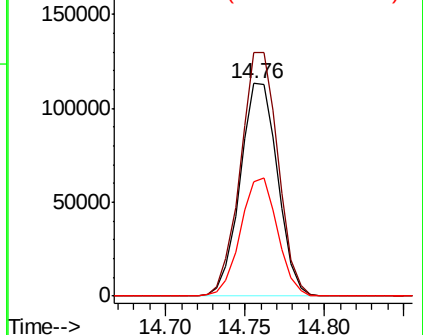


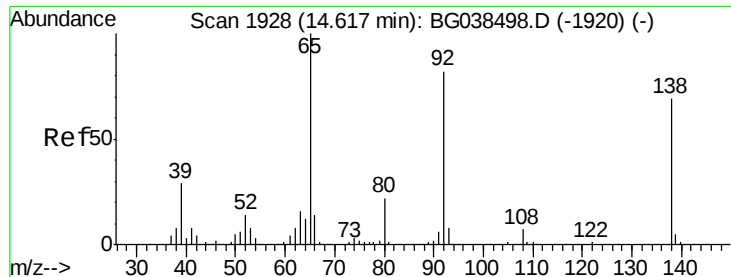
#52
 Acenaphthene
 Concen: 43.306 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion:154 Resp: 186050
 Ion Ratio Lower Upper
 154 100
 153 114.3 90.6 136.0
 152 53.6 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

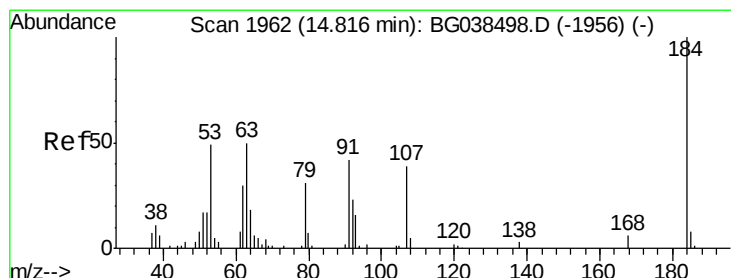
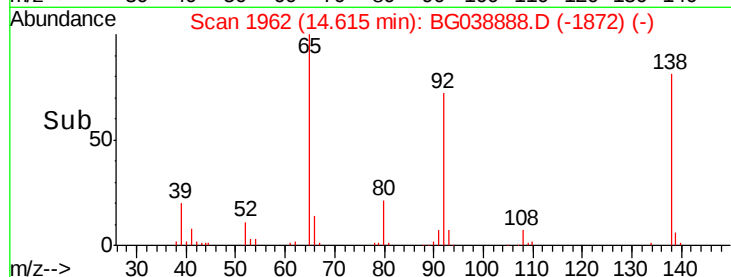
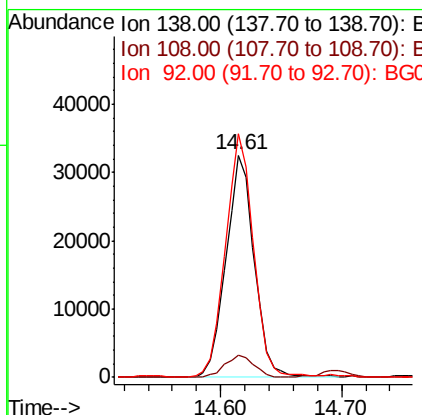
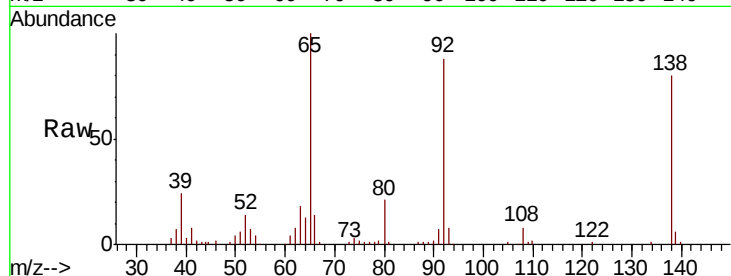




#53
3-Nitroaniline
Concen: 37.618 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

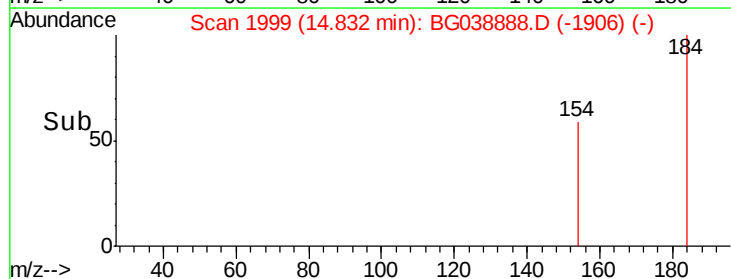
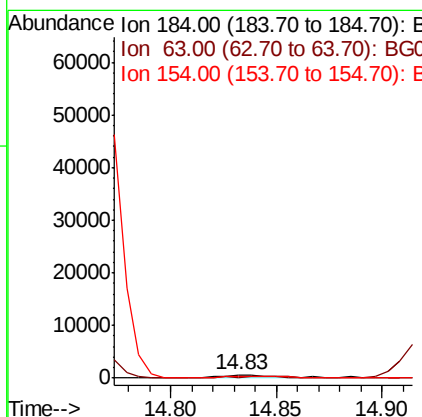
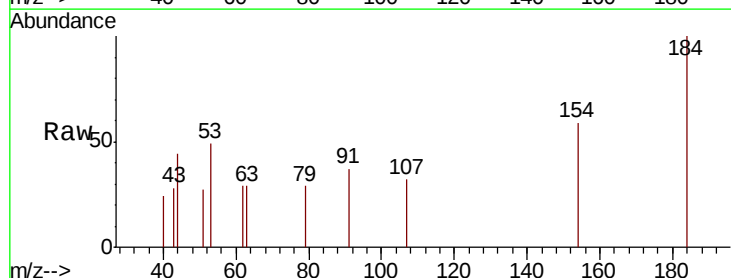
Instrument :
BNA_G
ClientSampled :

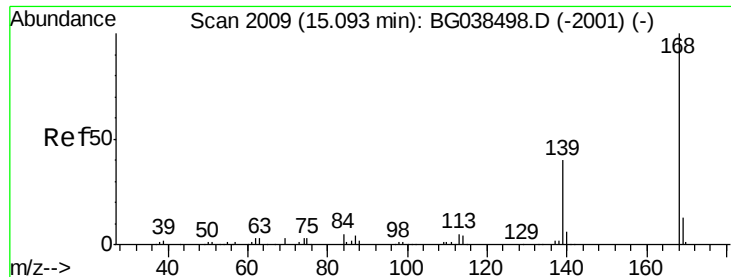
Tot Ion:138 Resp: 52668
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 109.5 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 6.455 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:184 Resp: 1113
Ion Ratio Lower Upper
184 100
63 28.9 47.0 70.6#
154 59.5 50.3 75.5

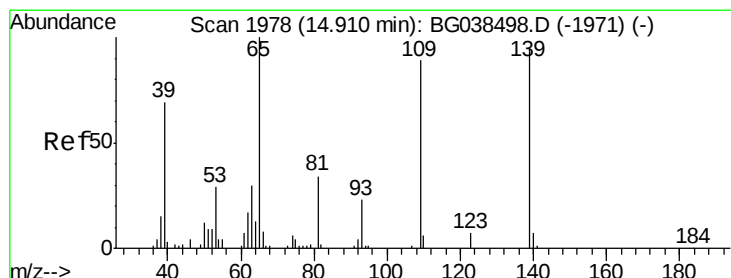
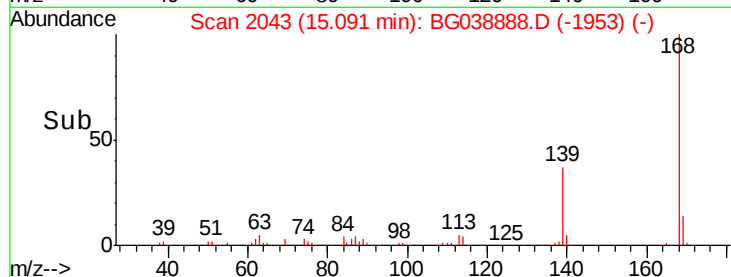
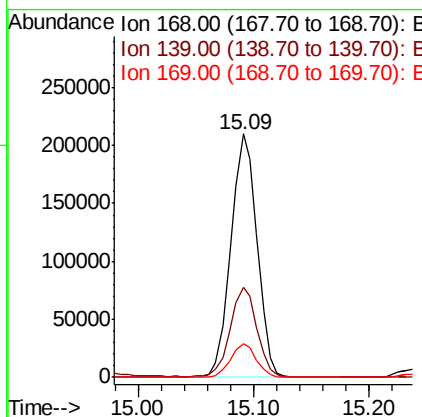
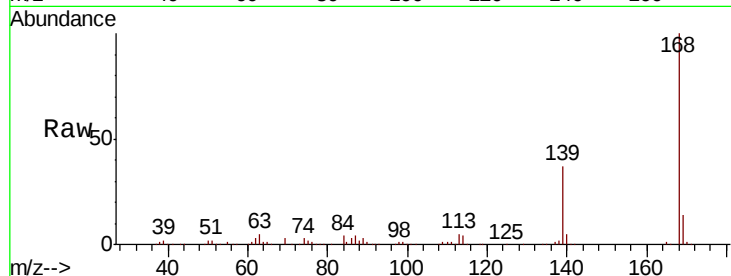




#55
Dibenzenofuran
Concen: 44.541 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

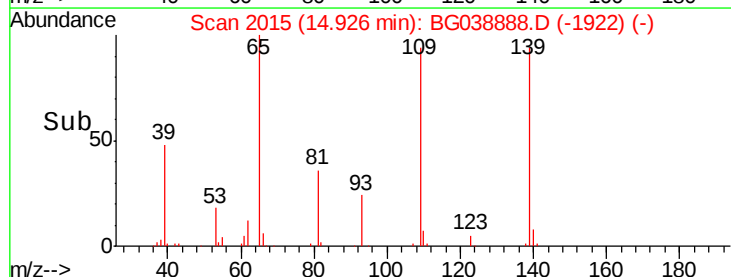
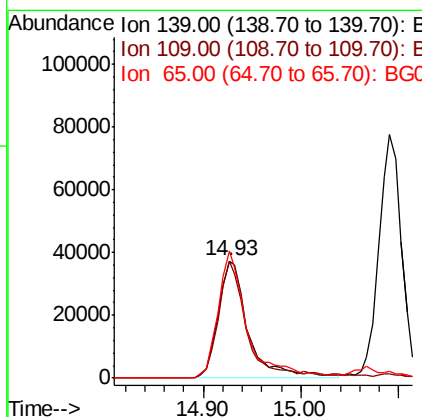
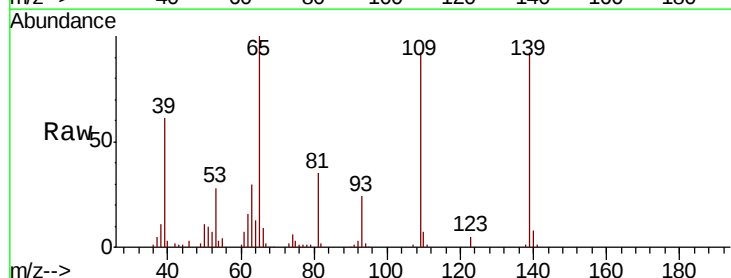
Instrument :
BNA_G
ClientSampleId :

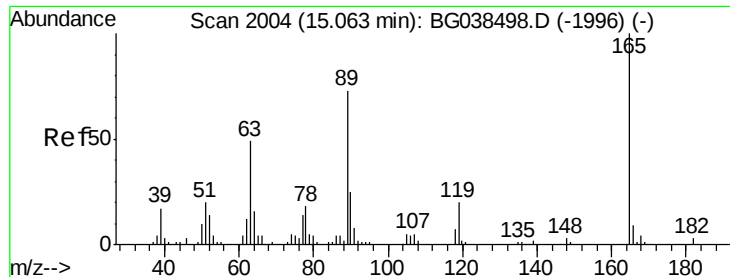
Tot Ion:168 Resp: 328011
Ion Ratio Lower Upper
168 100
139 36.9 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 75.470 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:139 Resp: 80160
Ion Ratio Lower Upper
139 100
109 99.5 73.6 113.6
65 108.3 84.8 124.8

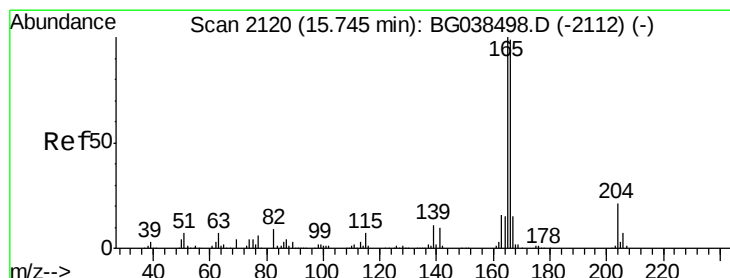
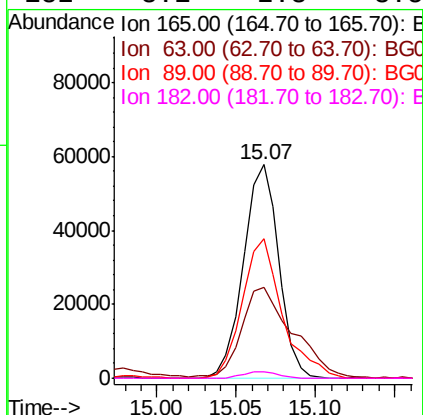
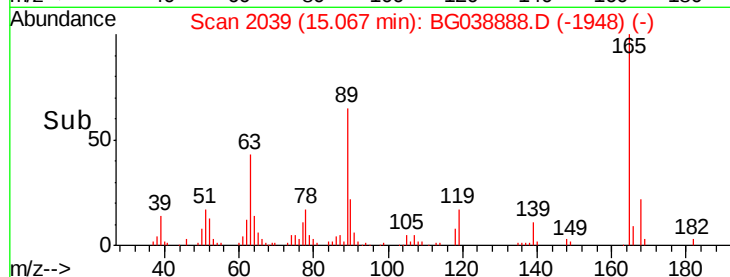
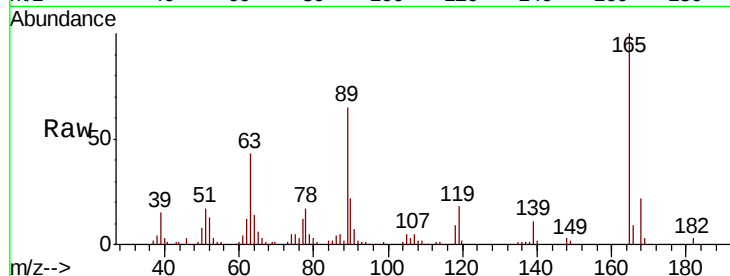




#57
2,4-Dinitrotoluene
Concen: 46.108 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

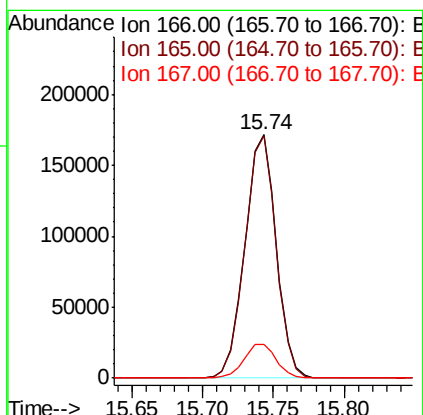
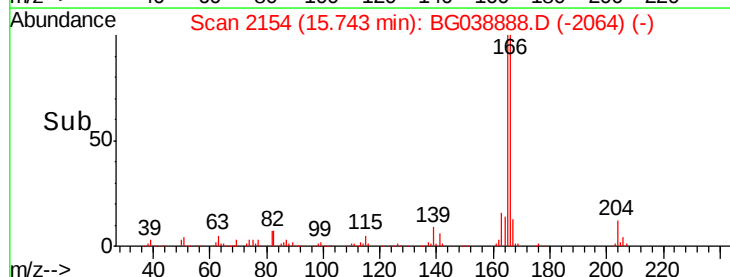
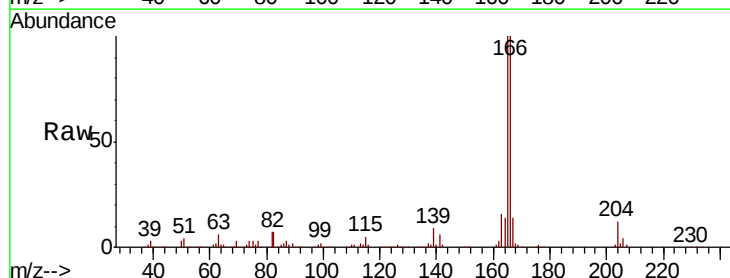
Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 89194
Ion Ratio Lower Upper
165 100
63 42.8 39.0 58.4
89 65.4 58.0 87.0
182 3.1 2.3 3.5



#58
Fluorene
Concen: 48.796 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:166 Resp: 266236
Ion Ratio Lower Upper
166 100
165 99.7 80.6 120.8
167 13.6 12.0 18.0

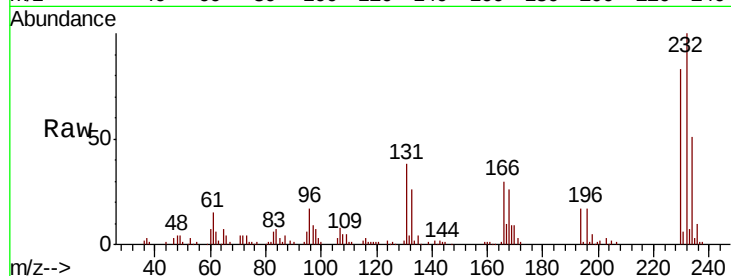




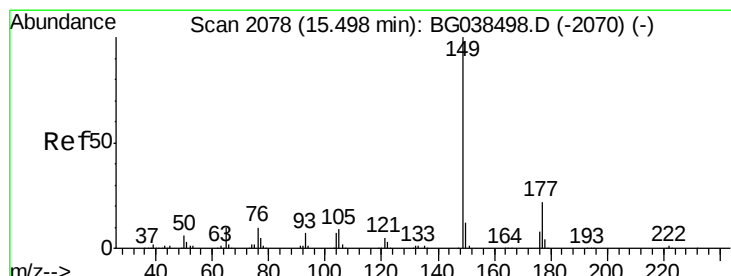
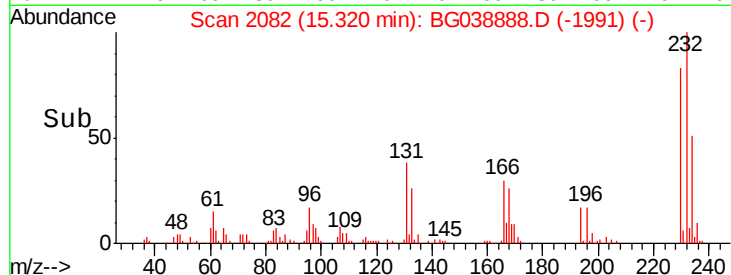
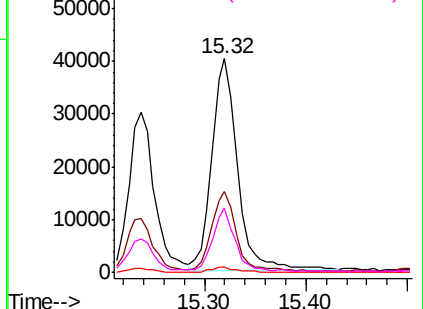
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.818 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 71196
Ion Ratio Lower Upper
232 100
131 36.3 33.0 49.4
130 2.2 2.0 3.0
166 25.9 23.1 34.7

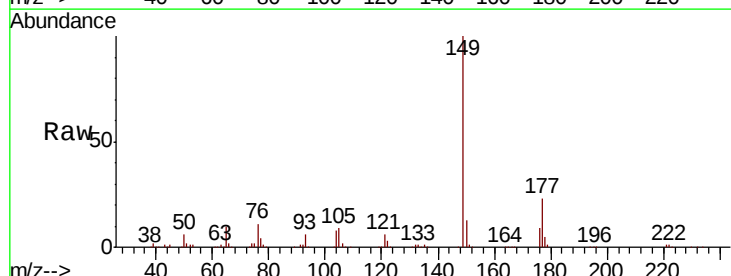


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

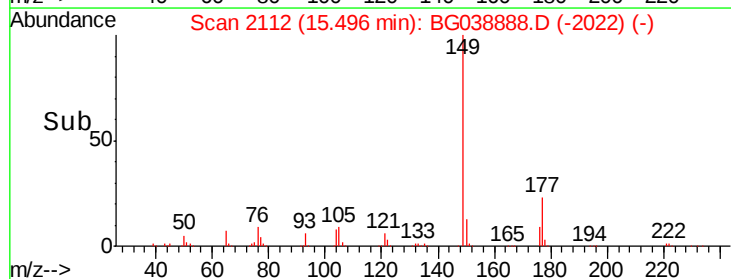
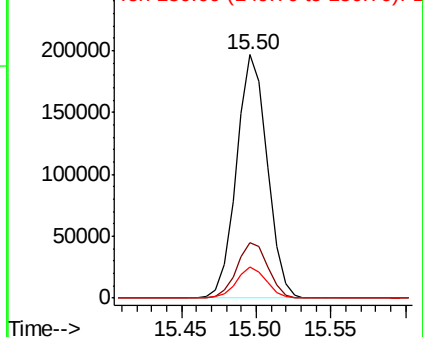


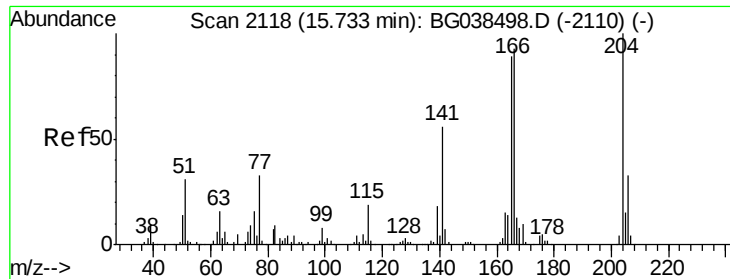
#60
Diethylphthalate
Concen: 42.295 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:149 Resp: 281407
Ion Ratio Lower Upper
149 100
177 23.0 17.7 26.5
150 12.6 9.9 14.9



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

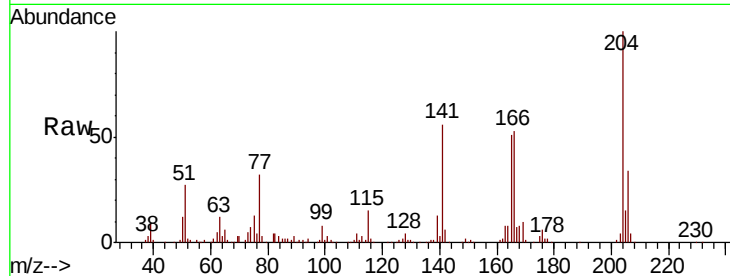




#61
4-Chlorophenyl-phenylether
Concen: 44.100 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.0	39.0
141	55.6	44.4	66.6

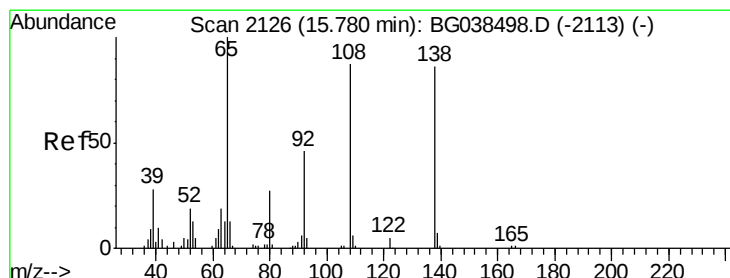
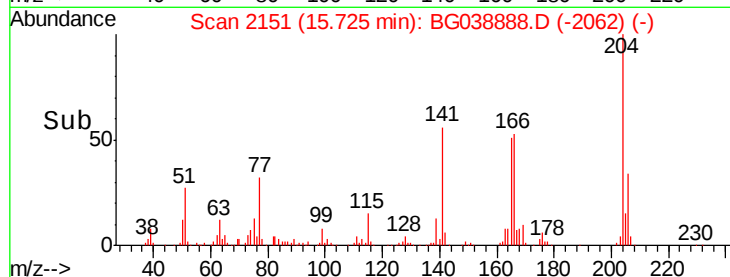
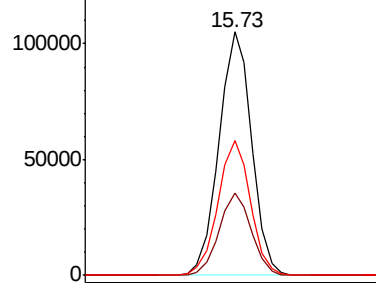


Abundance

Ion 204.00 (203.70 to 204.70): E

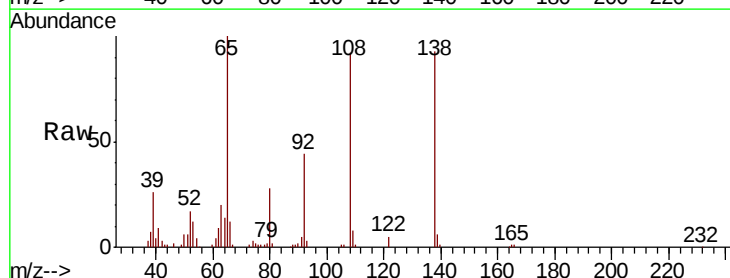
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.233 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	33.3	73.3
108	98.2	81.4	121.4

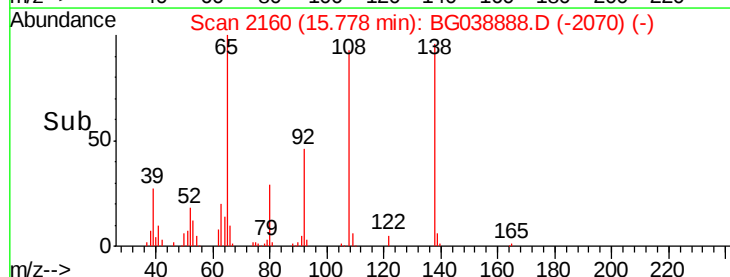
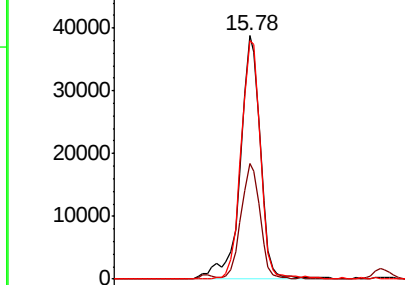


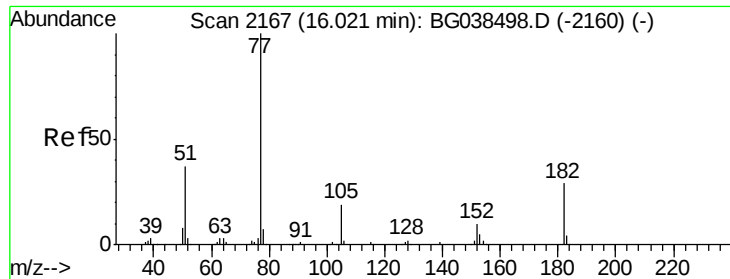
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

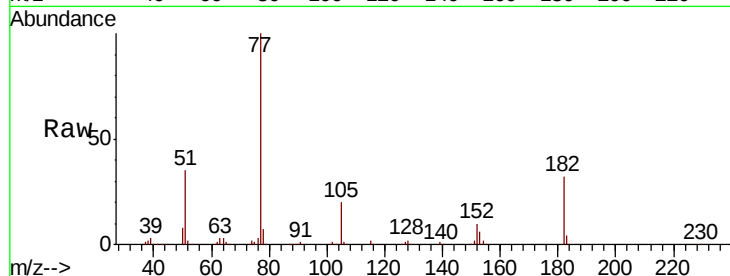




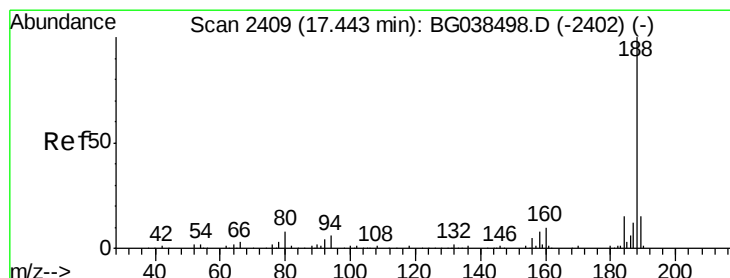
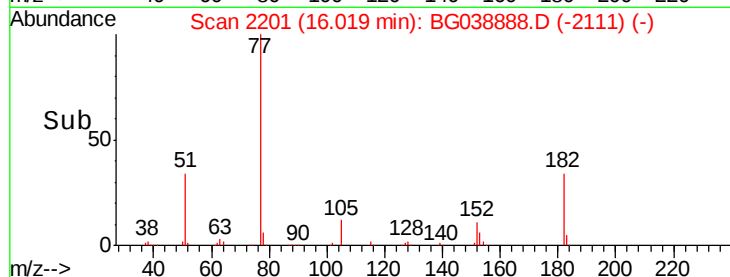
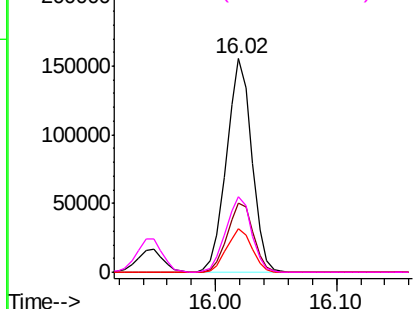
#63
Azobenzene
Concen: 40.561 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 225445
Ion Ratio Lower Upper
77 100
182 32.2 8.7 48.7
105 20.4 0.0 38.7
51 35.3 16.6 56.6

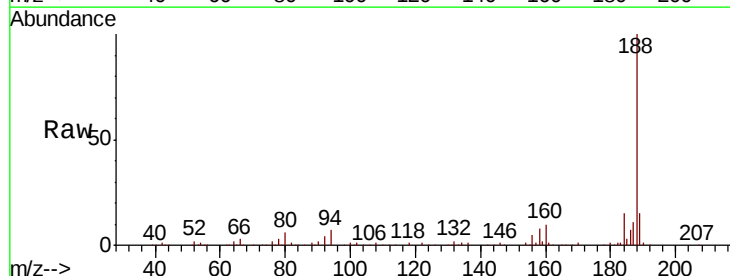


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

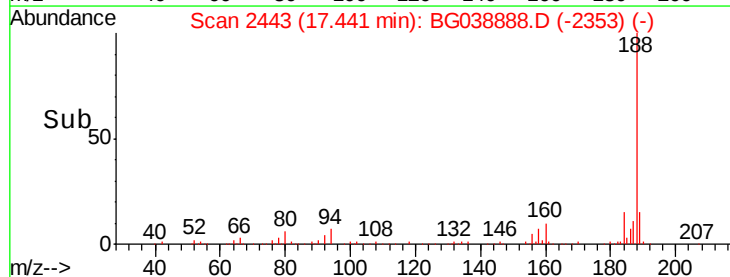
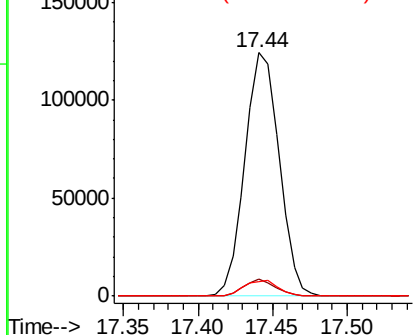


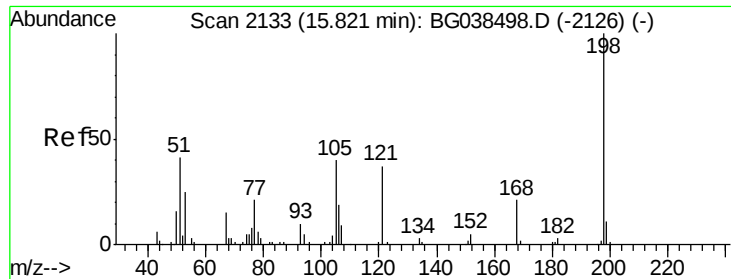
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion: 188 Resp: 197896
Ion Ratio Lower Upper
188 100
94 7.0 5.1 7.7
80 5.9 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: 2.262 ng

RT: 15.83 min Scan# 2169

Delta R.T. 0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

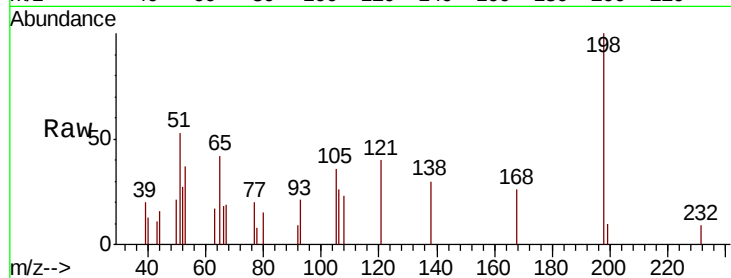
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 3193

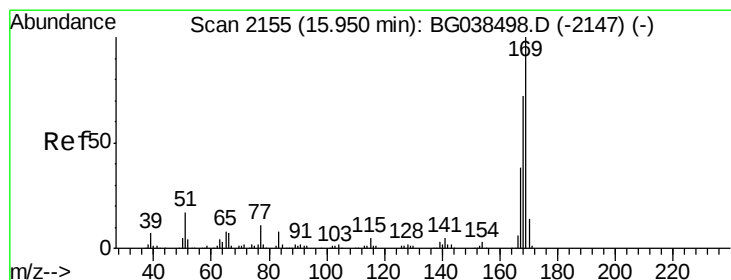
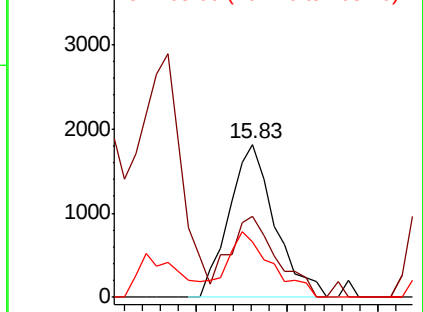
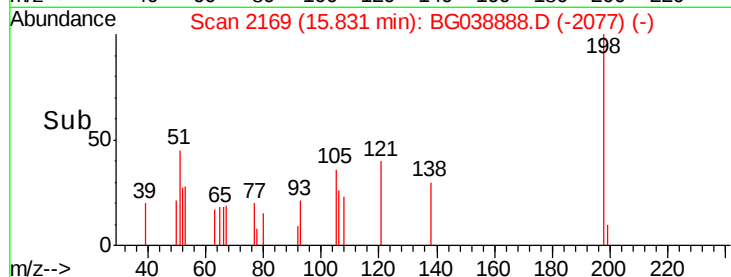
Ion	Ratio	Lower	Upper
198	100		
51	53.3	28.6	68.6
105	35.9	20.4	60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.542 ng

RT: 15.95 min Scan# 2189

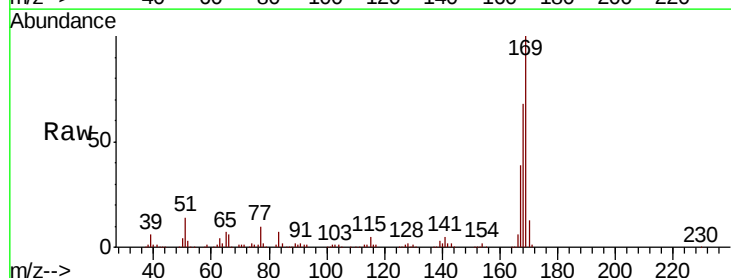
Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Tgt Ion:169 Resp: 247363

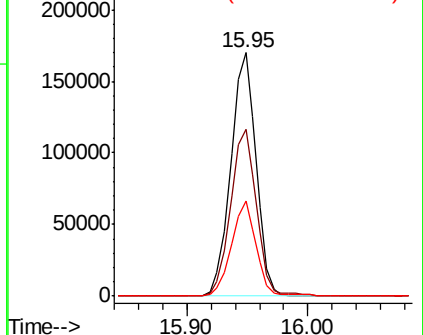
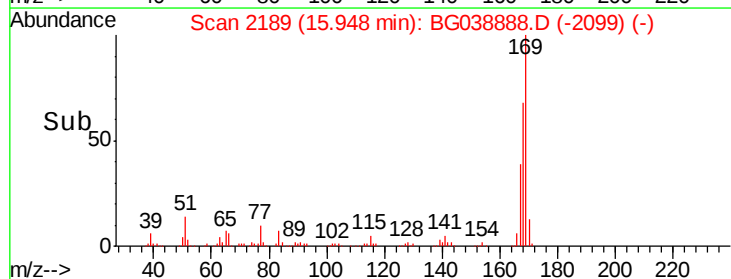
Ion	Ratio	Lower	Upper
169	100		
168	68.5	57.5	86.3
167	39.0	30.2	45.2



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

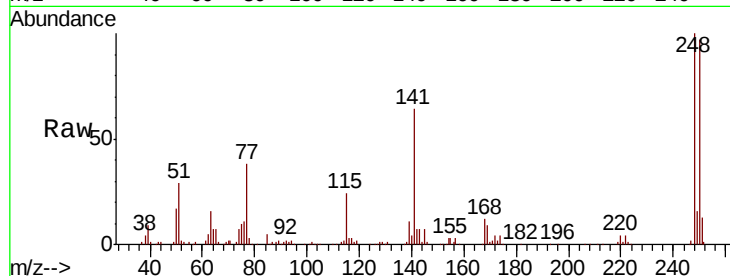




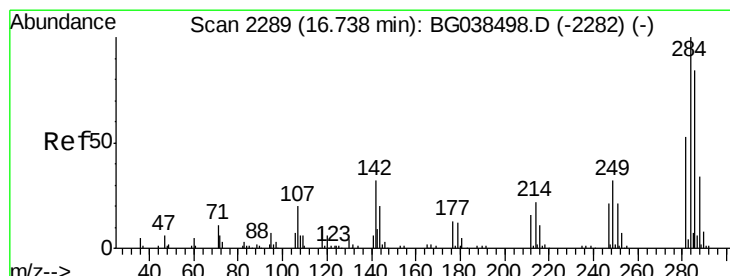
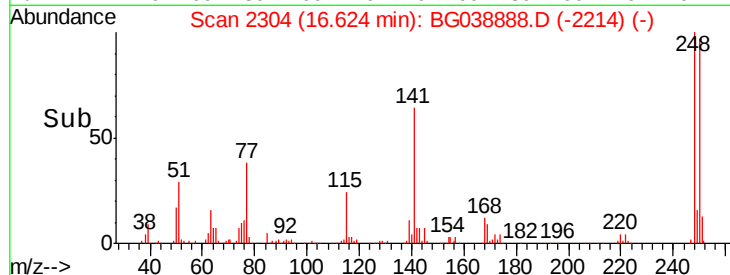
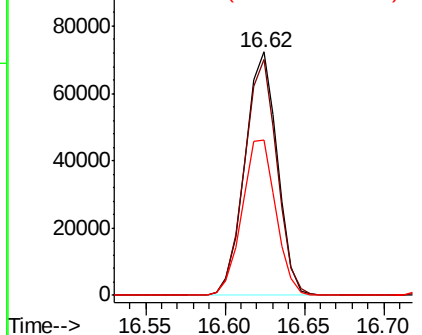
#67
 4-Bromophenyl-phenylether
 Concen: 42.617 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 102999
 Ion Ratio Lower Upper
 248 100
 250 97.0 73.4 110.2
 141 64.0 52.9 79.3

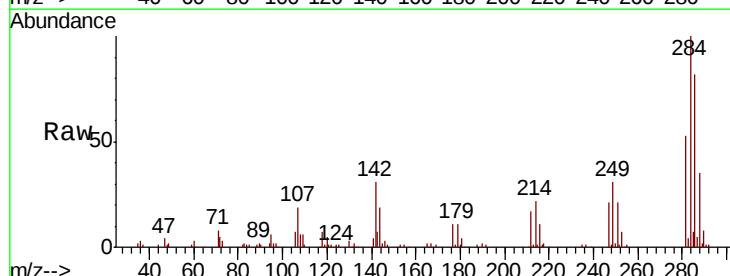


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

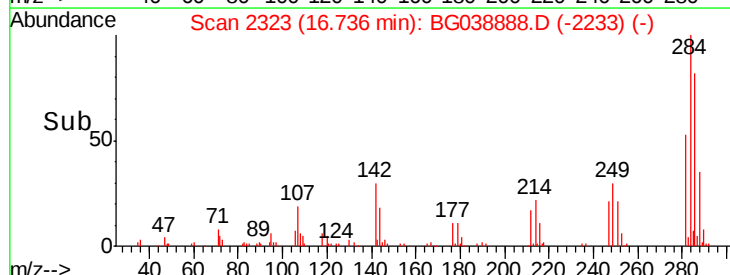
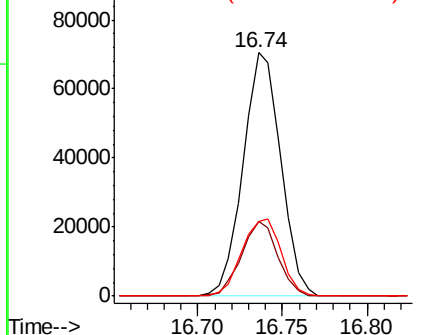


#68
 Hexachlorobenzene
 Concen: 43.548 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion:284 Resp: 109104
 Ion Ratio Lower Upper
 284 100
 142 30.8 25.8 38.6
 249 32.7 27.0 40.4



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





#69

Atrazine

Concen: 46.557 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampled :

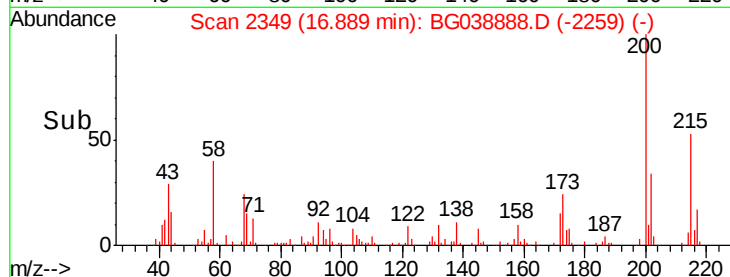
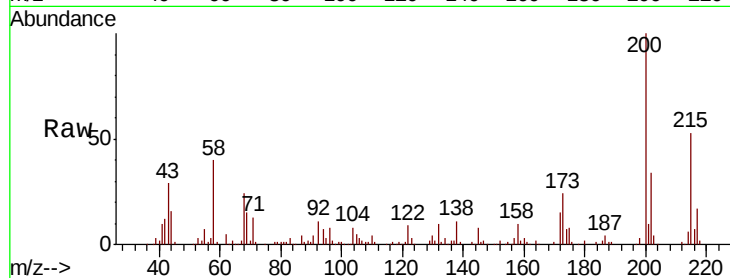
Tot Ion:200 Resp: 100465

Ion Ratio Lower Upper

200 100

173 24.3 5.9 45.9

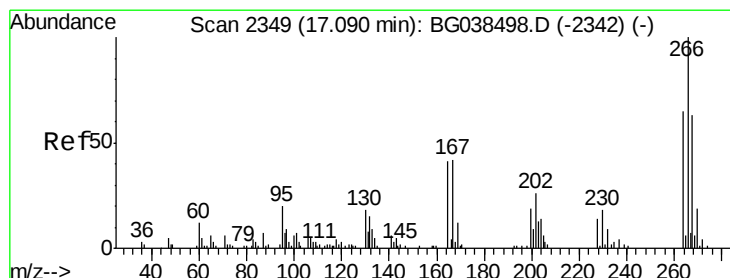
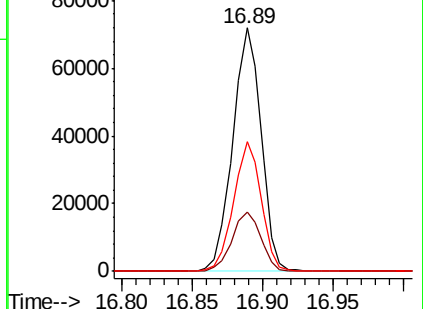
215 53.4 33.1 73.1



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: 11.184 ng

RT: 17.09 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

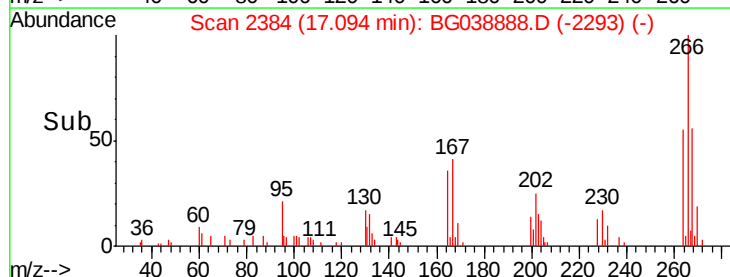
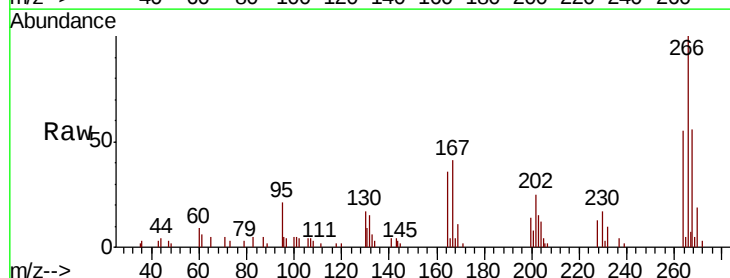
Tgt Ion:266 Resp: 16573

Ion Ratio Lower Upper

266 100

268 60.9 55.0 82.6

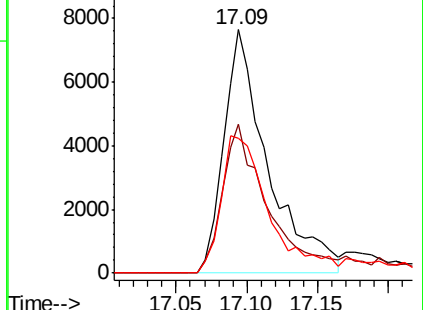
264 55.4 56.7 85.1#

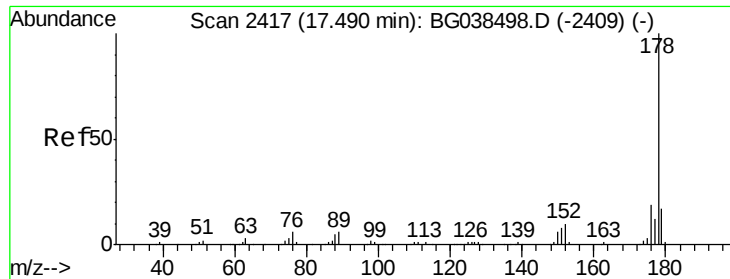


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

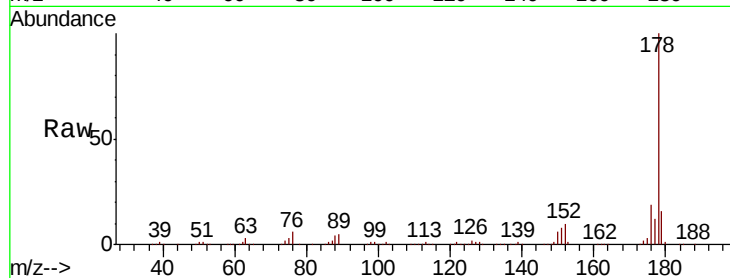




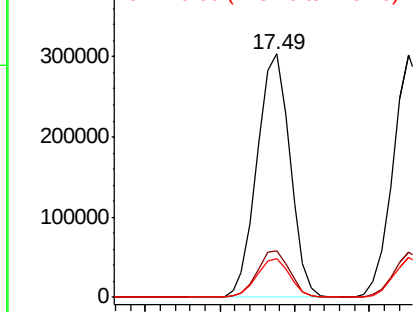
#71
 Phenanthrene
 Concen: 45.164 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Instrument :
 BNA_G
 ClientSampleId :

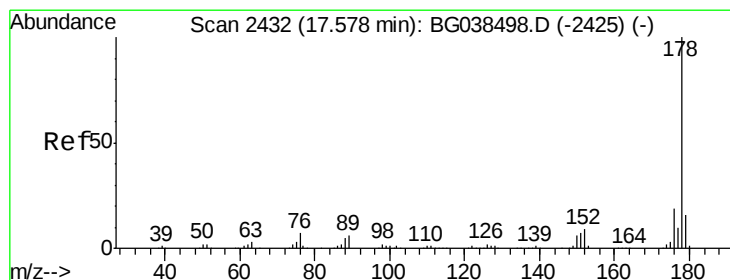
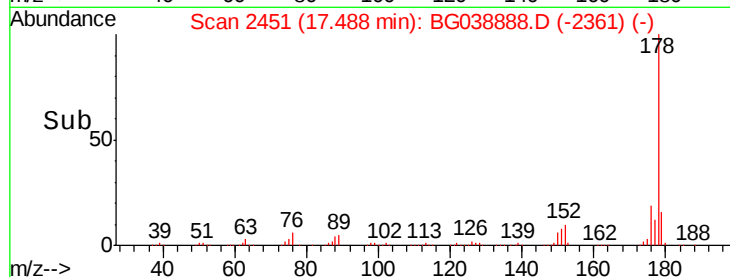
Tot Ion:178 Resp: 463477
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

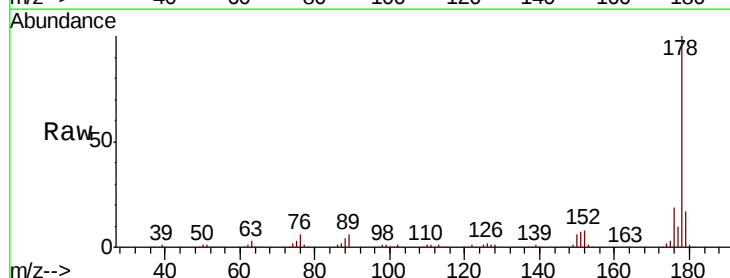


Time-->

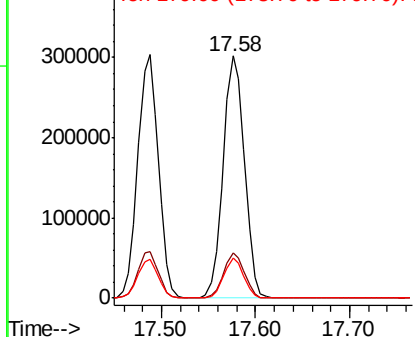


#72
 Anthracene
 Concen: 46.991 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

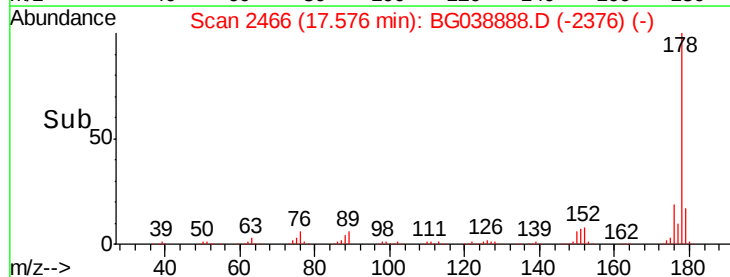
Tgt Ion:178 Resp: 476063
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 16.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->

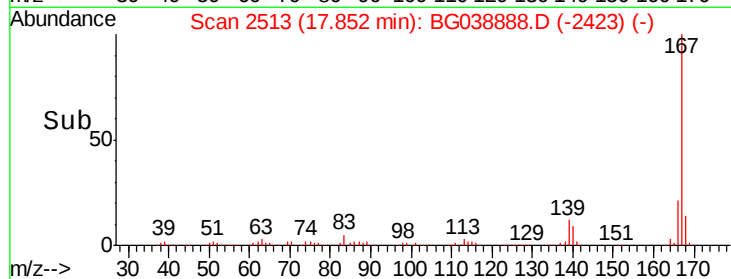
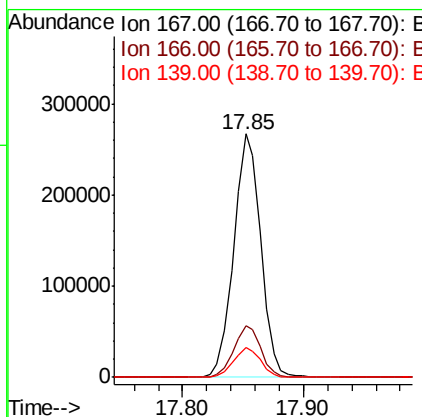
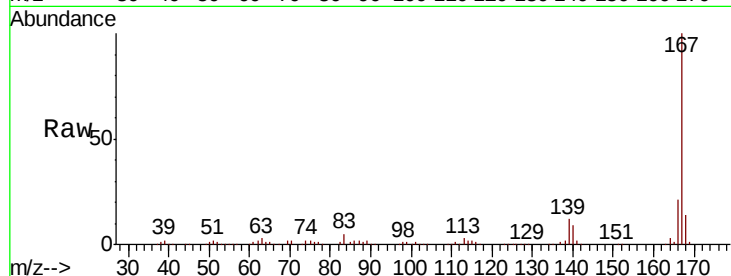




#73
 Carbazole
 Concen: 41.467 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

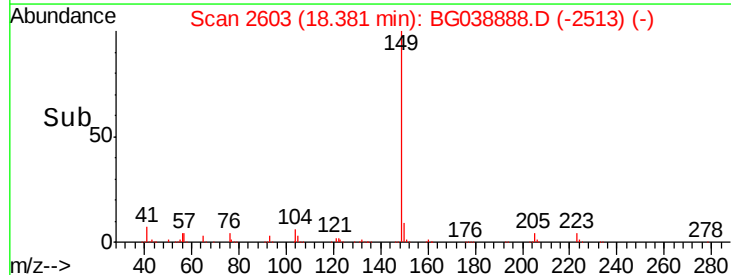
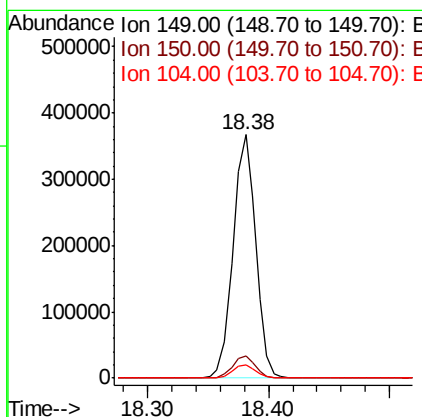
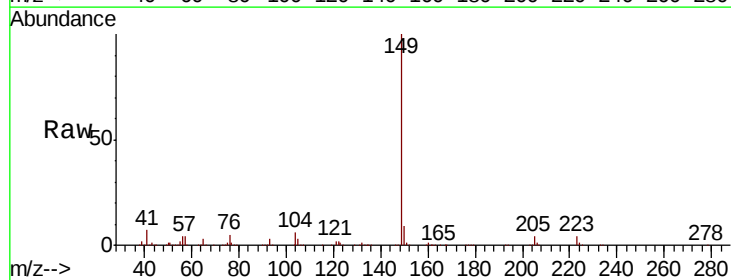
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.9	26.9
139	12.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.669 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	5.6	5.0	7.4

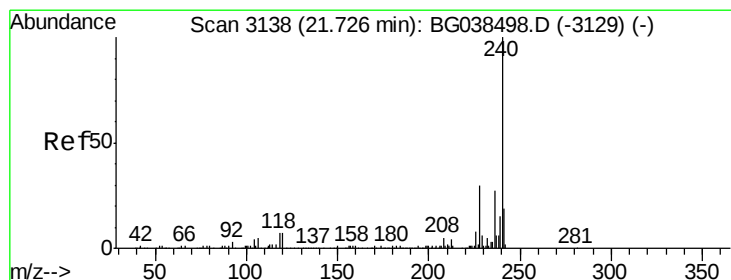
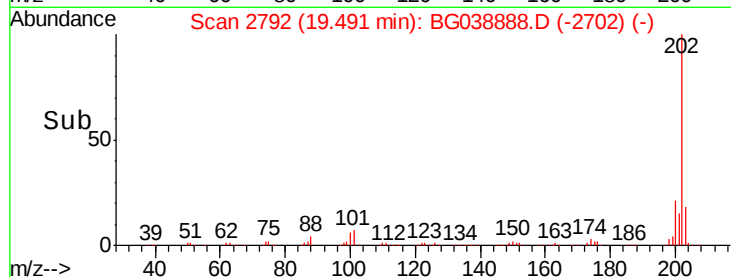
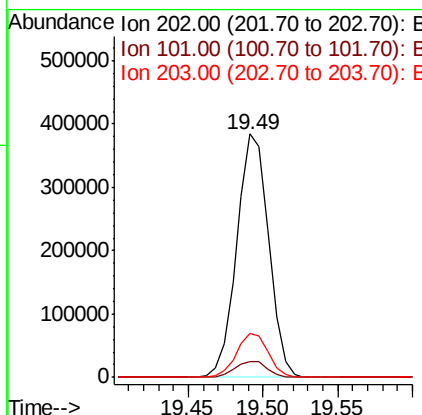
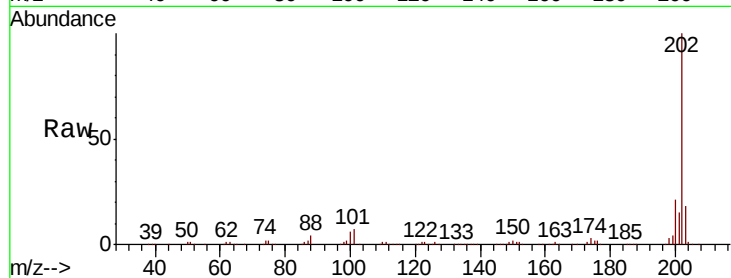




#75
 Fluoranthene
 Concen: 44.870 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

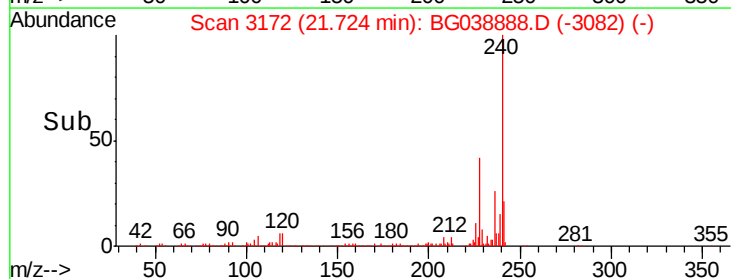
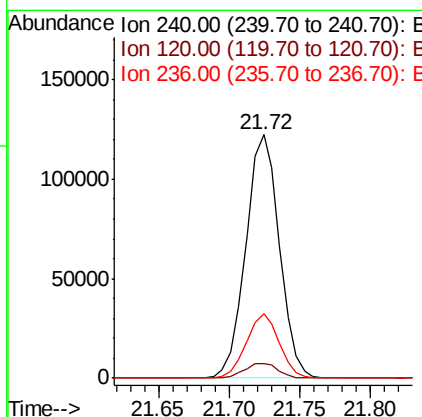
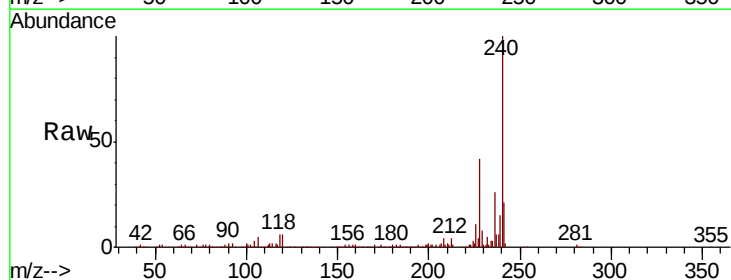
Instrument :
 BNA_G
 ClientSampleId :

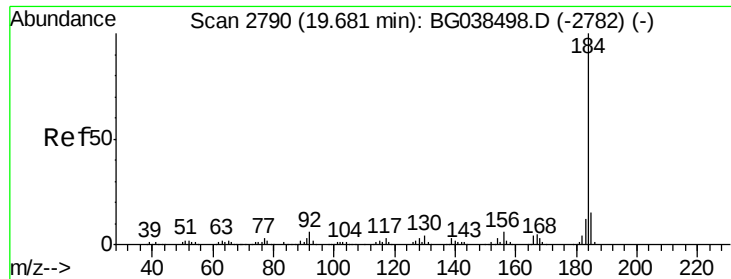
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	28.1
203	17.9	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038888.D
 Acq: 29 Dec 2018 00:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.3	7.9
236	26.2	21.4	32.2





#77

Benzidine

Concen: 38.394 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

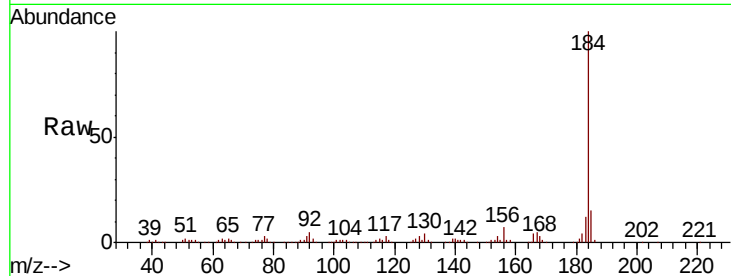
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 231553

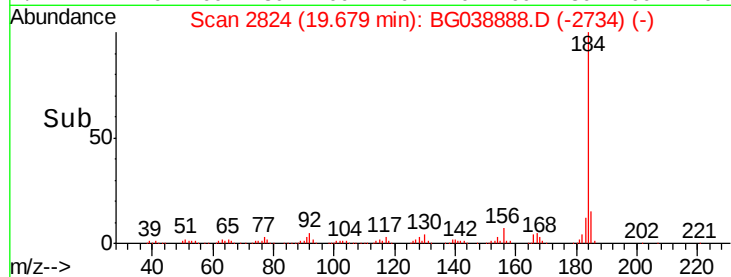
Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.2	18.2
183	12.3	9.6	14.4



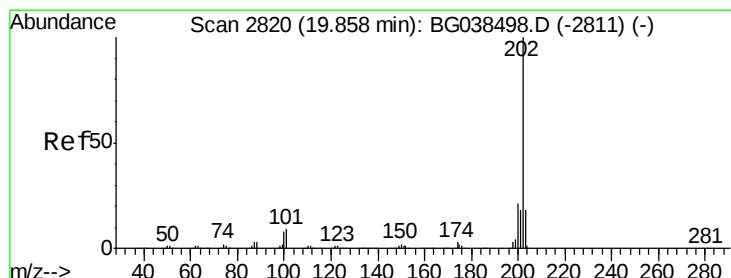
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 42.712 ng

RT: 19.86 min Scan# 2854

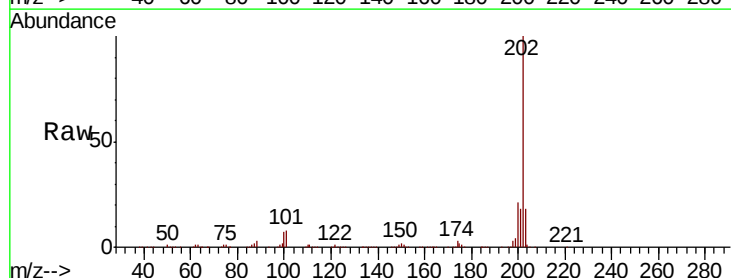
Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Tgt Ion:202 Resp: 575411

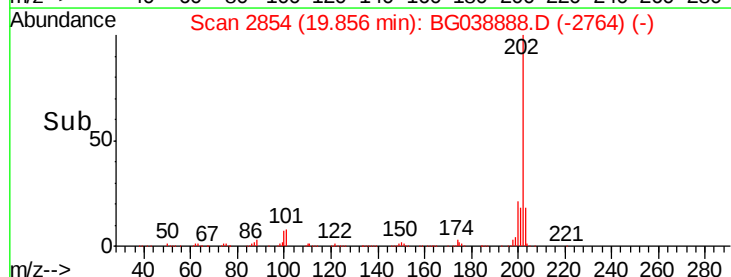
Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	25.0
203	17.8	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 79.370 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

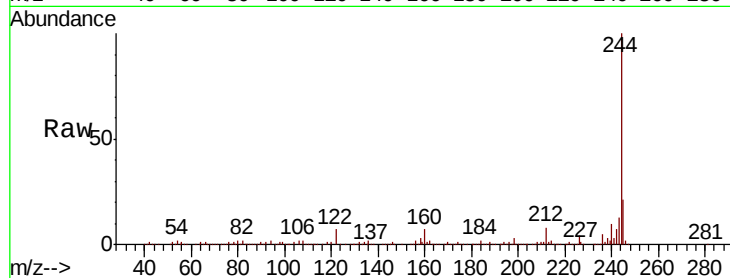
Tot Ion:244 Resp: 743707

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

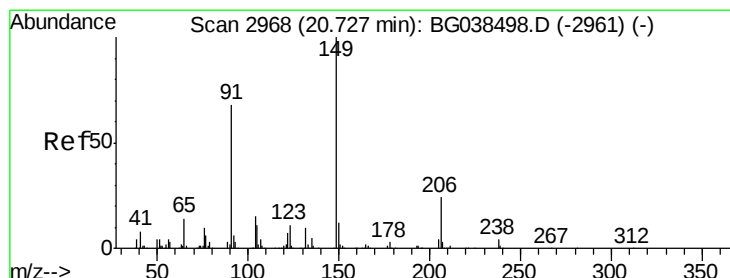
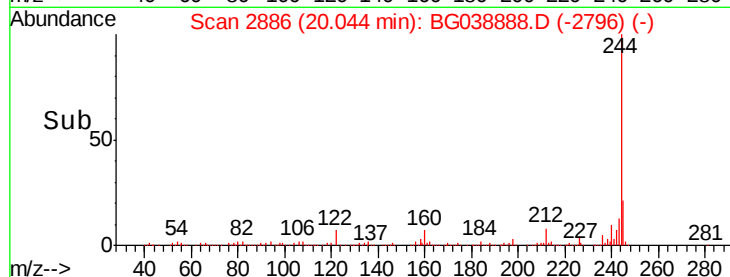
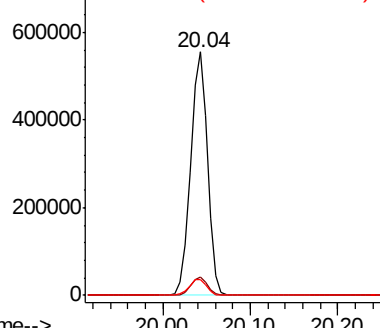
122 6.7 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.162 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

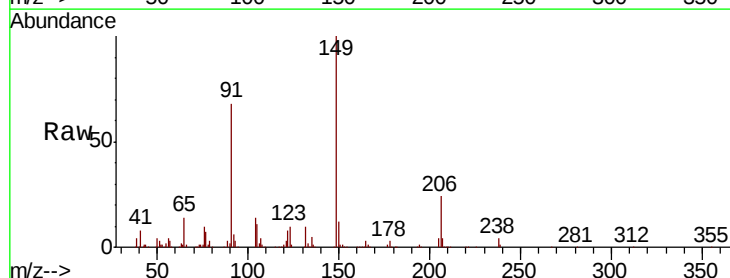
Tgt Ion:149 Resp: 216649

Ion Ratio Lower Upper

149 100

91 68.1 54.5 81.7

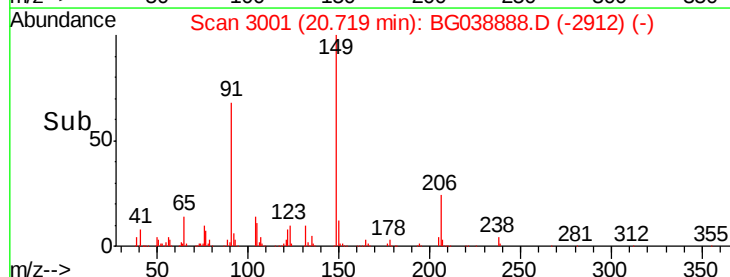
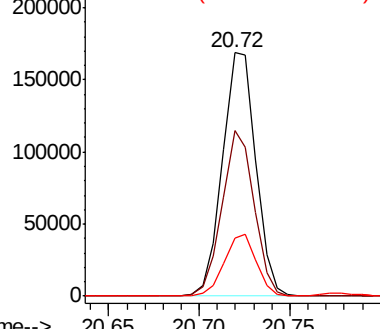
206 23.7 19.0 28.6

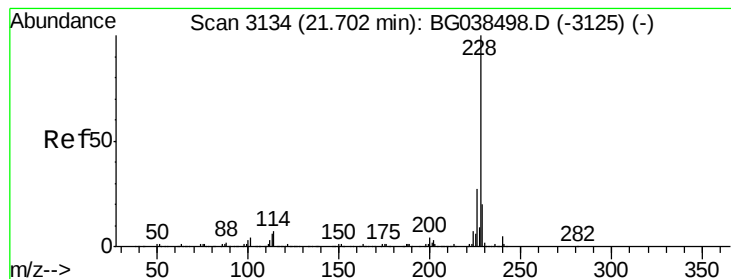


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.334 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

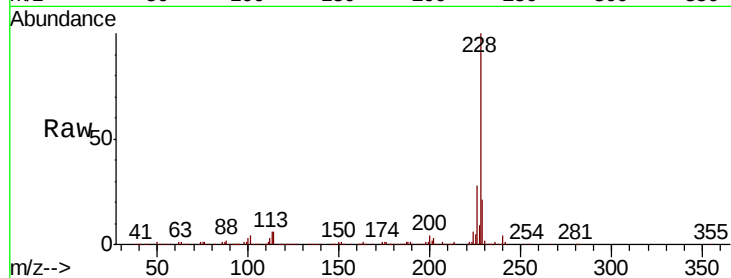
Tot Ion:228 Resp: 563326

Ion Ratio Lower Upper

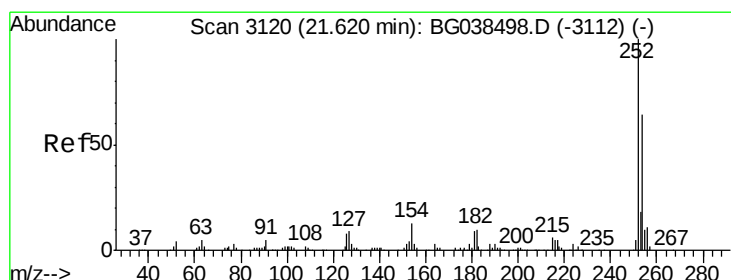
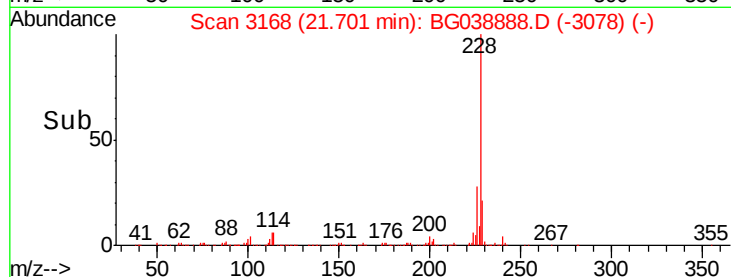
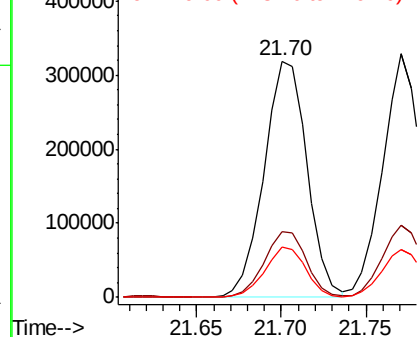
228 100

226 28.0 21.8 32.8

229 21.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.393 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

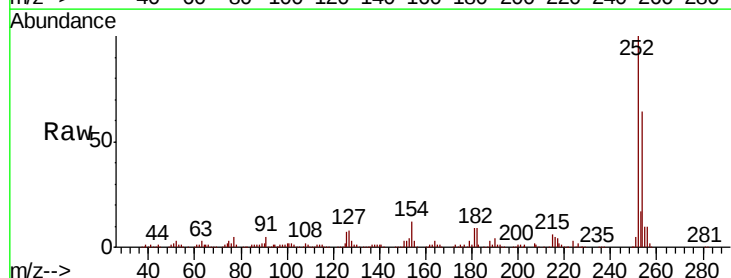
Tgt Ion:252 Resp: 164569

Ion Ratio Lower Upper

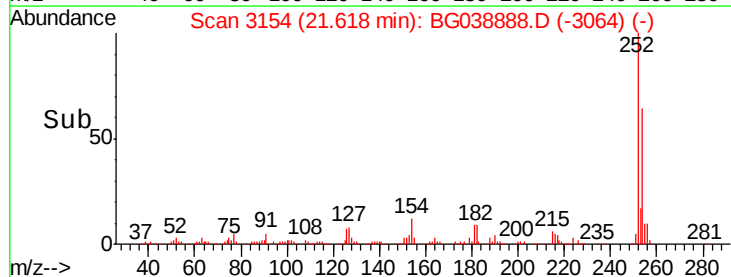
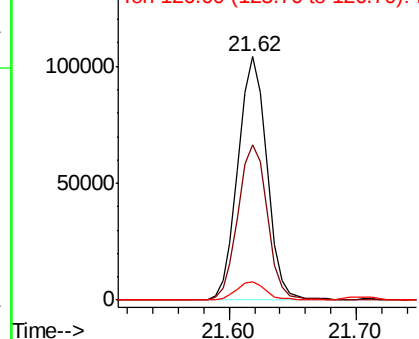
252 100

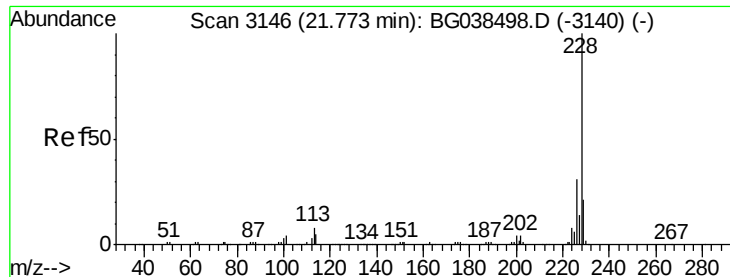
254 63.8 50.9 76.3

126 7.4 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.824 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampled :

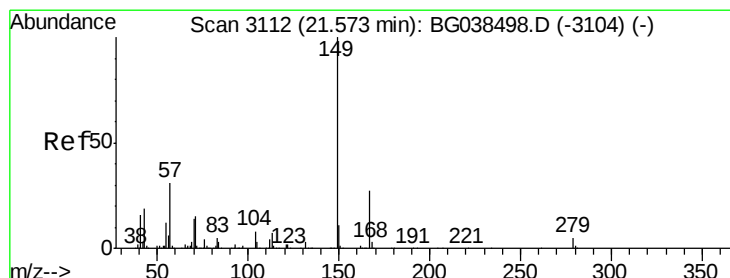
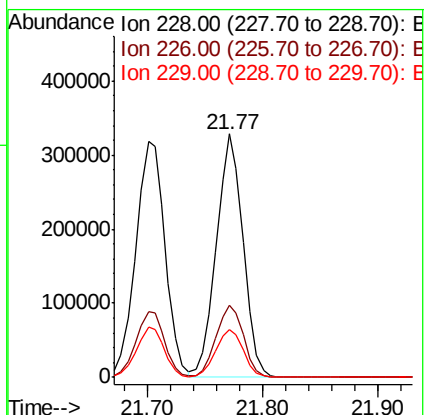
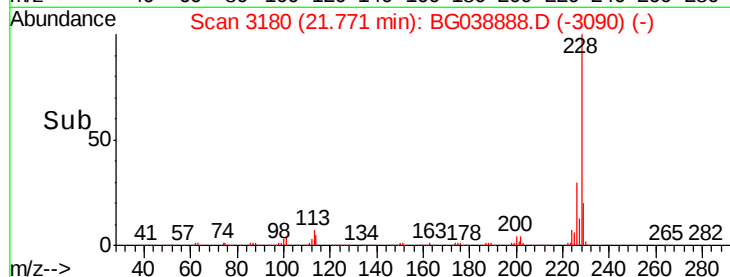
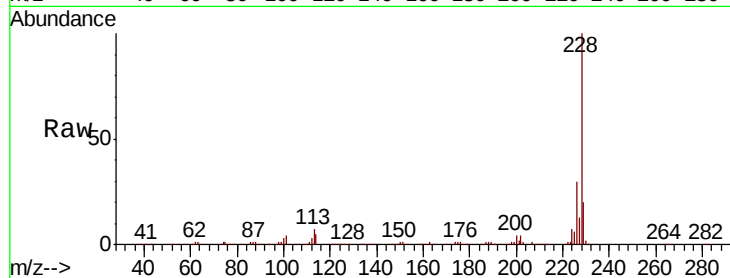
Tot Ion:228 Resp: 524523

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.4

229 19.5 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.035 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

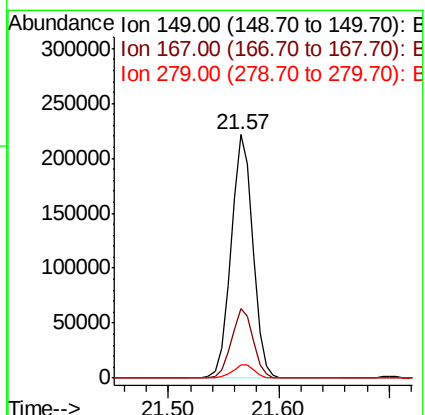
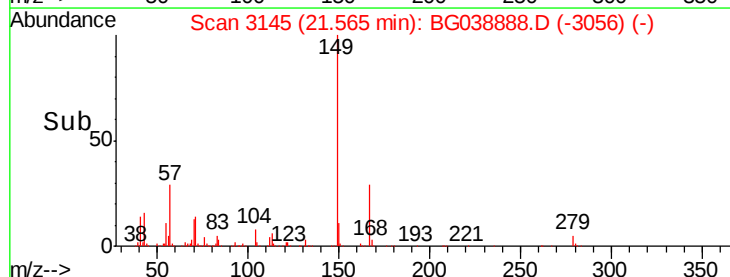
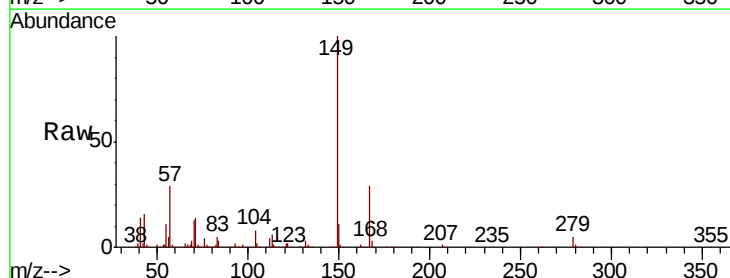
Tgt Ion:149 Resp: 306319

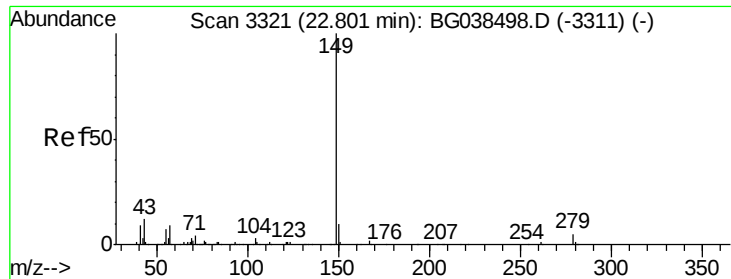
Ion Ratio Lower Upper

149 100

167 28.6 21.9 32.9

279 5.4 4.2 6.2

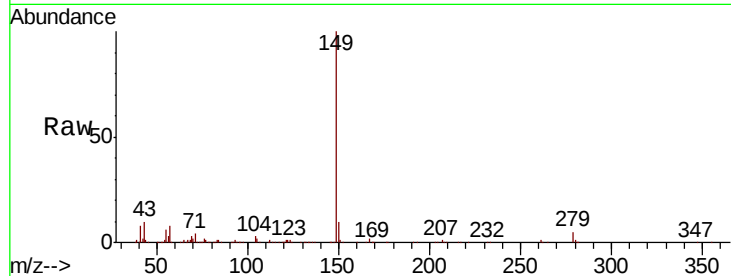




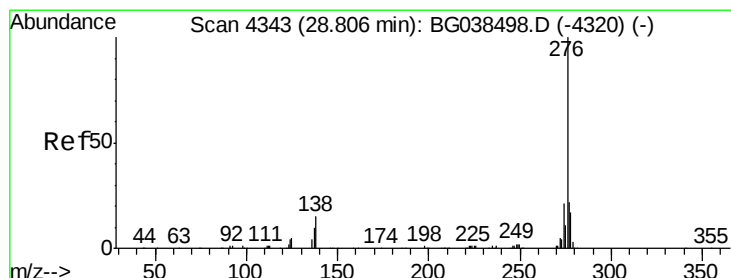
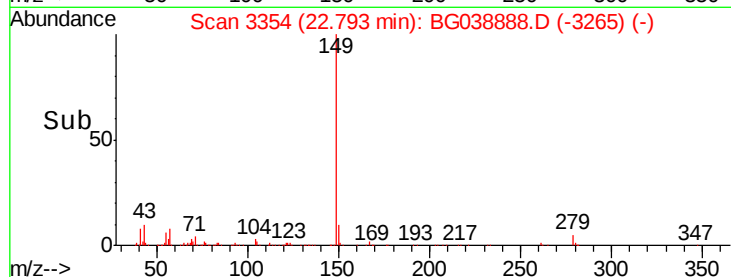
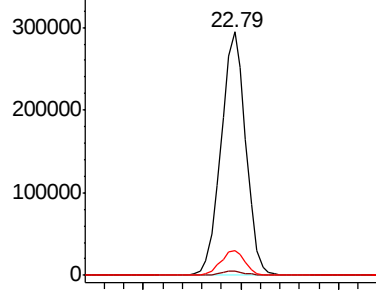
#85
Di-n-octyl phthalate
Concen: 41.782 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	10.1	9.3	13.9

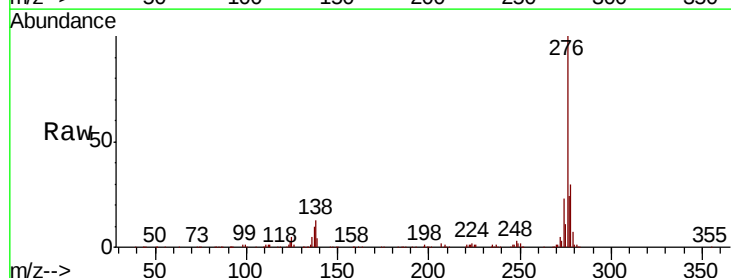


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

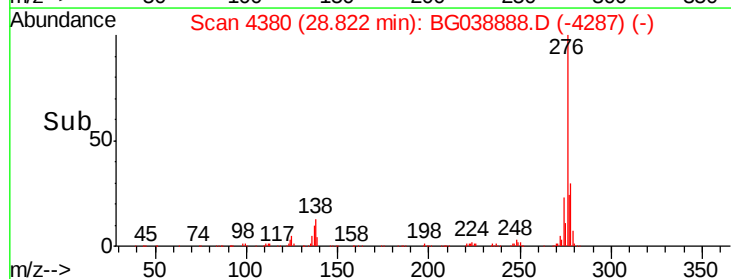
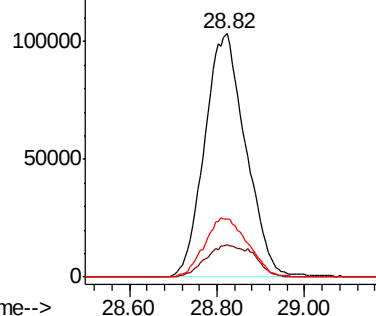


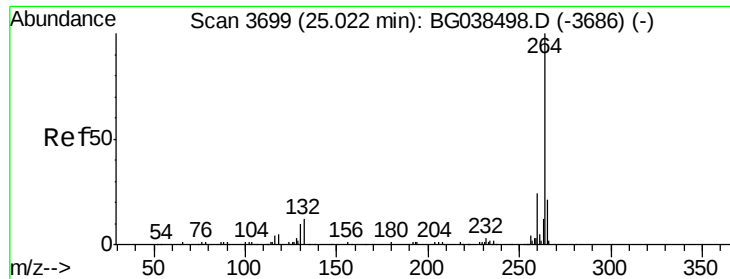
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.928 ng
RT: 28.82 min Scan# 4380
Delta R.T. 0.02 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	14.4	21.6
277	25.5	0.0	0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



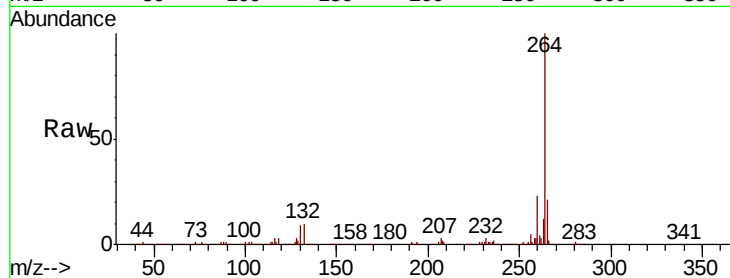


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

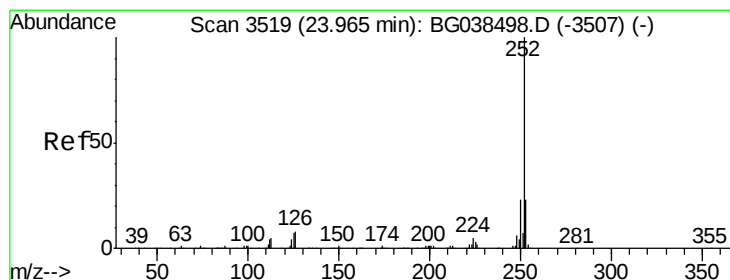
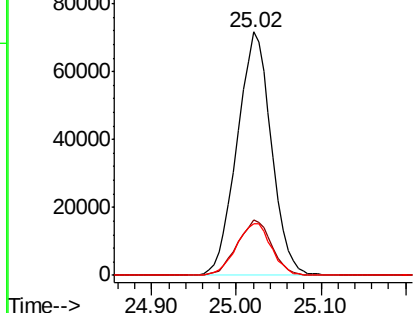
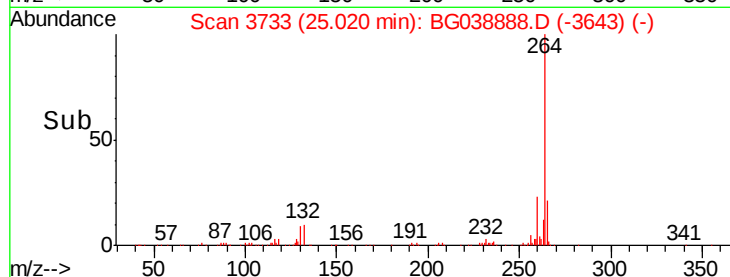
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 201734

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	21.2	17.0	25.4



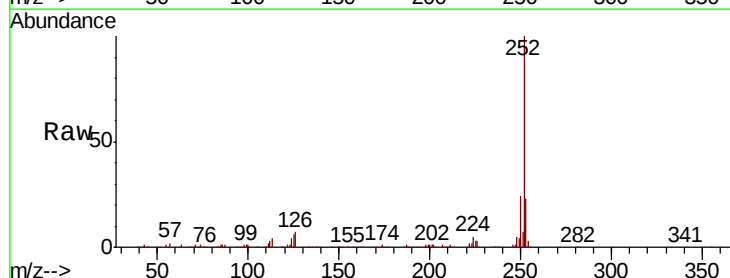
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



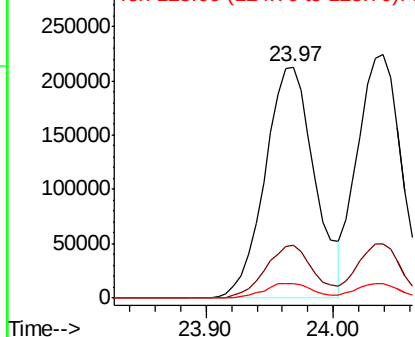
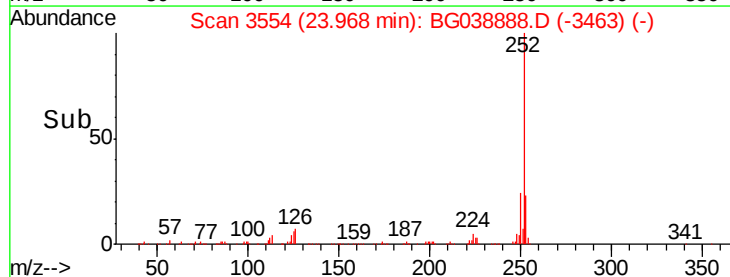
#88
Benzo(b)fluoranthene
Concen: 52.319 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

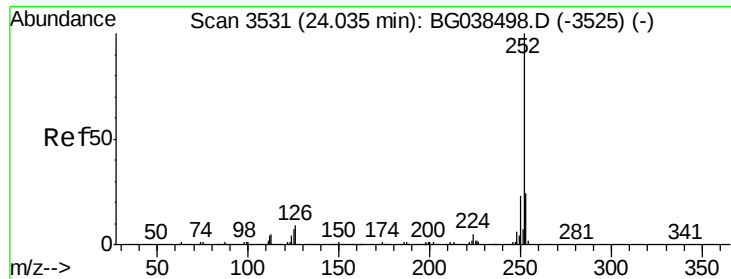
Tgt Ion:252 Resp: 579485

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	6.2	5.5	8.3



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

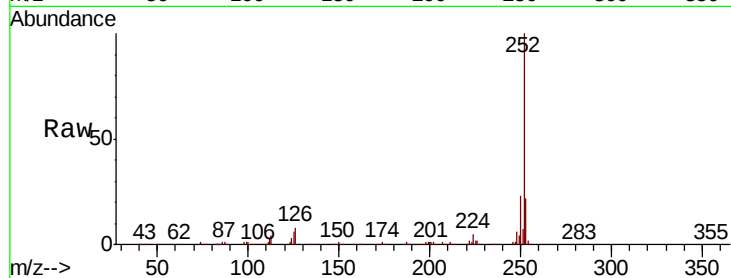




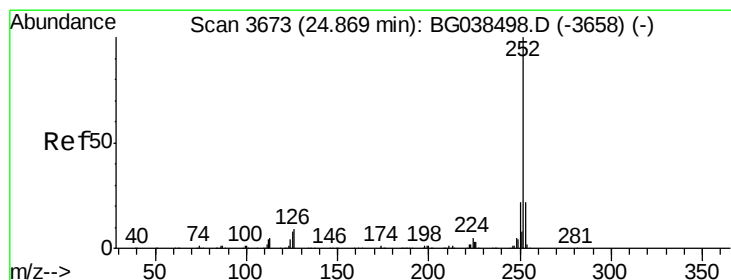
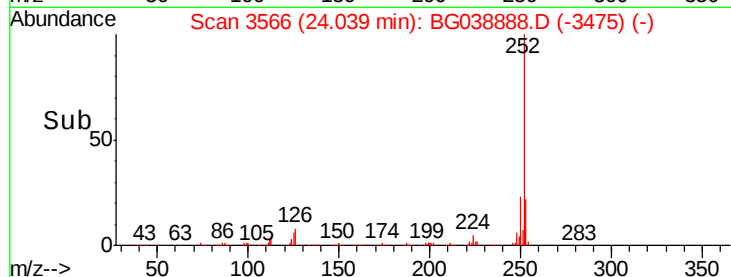
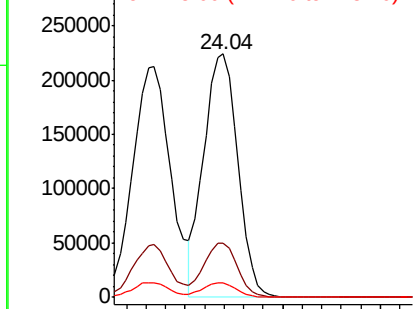
#89
Benzo(k)fluoranthene
Concen: 48.969 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 540102
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 6.0 5.4 8.2

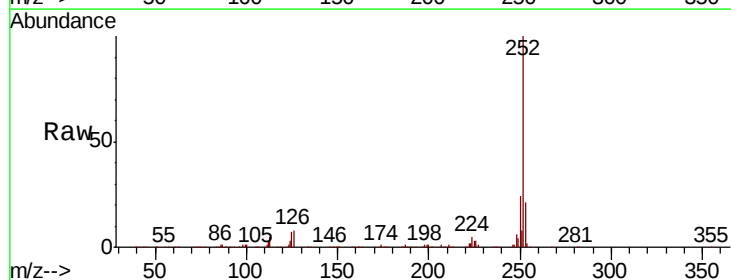


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

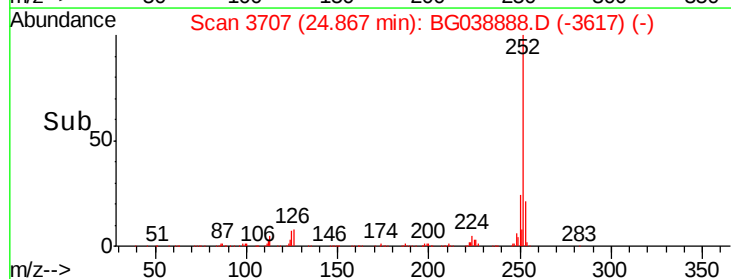
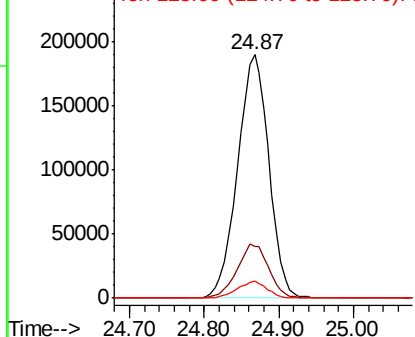


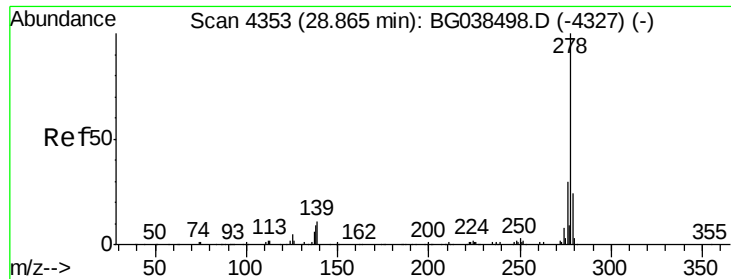
#90
Benzo(a)pyrene
Concen: 51.757 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038888.D
Acq: 29 Dec 2018 00:24

Tgt Ion:252 Resp: 553049
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 6.8 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: 51.538 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.00 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

Instrument :

BNA_G

ClientSampleId :

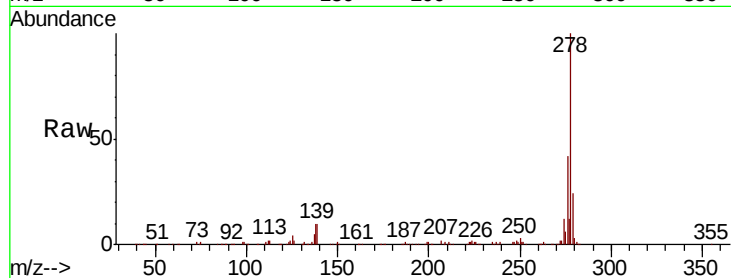
Tot Ion:278 Resp: 548322

Ion Ratio Lower Upper

278 100

139 9.9 8.6 12.8

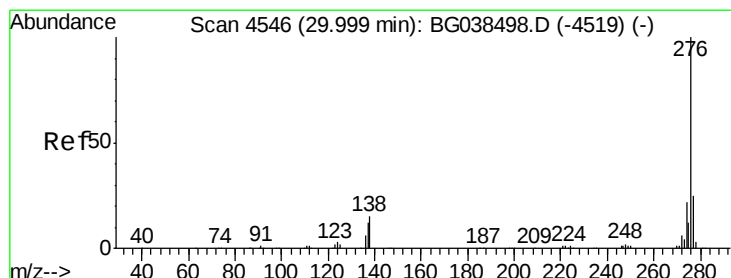
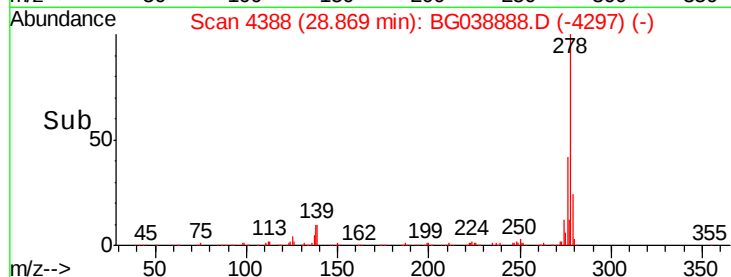
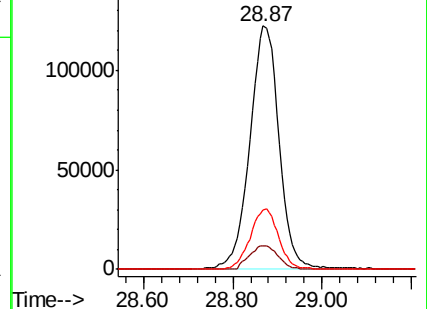
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.232 ng

RT: 30.01 min Scan# 4582

Delta R.T. 0.01 min

Lab File: BG038888.D

Acq: 29 Dec 2018 00:24

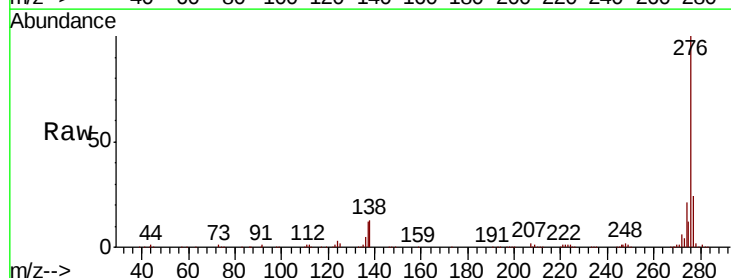
Tgt Ion:276 Resp: 547649

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 13.1 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

