

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038786.D
 Acq On : 21 Dec 2018 14:51
 Operator : JU/SJ
 Sample : PB115904BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Quant Time: Dec 21 16:53:12 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	23886	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97392	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	68366	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	173322	20.00	ng	0.00
76) Chrysene-d12	21.73	240	167896	20.00	ng	0.00
87) Perylene-d12	25.03	264	174657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	187501	139.23	ng	0.00
7) Phenol-d6	7.22	99	258188	139.65	ng	0.00
23) Nitrobenzene-d5	9.24	82	127575	66.92	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	141819	150.52	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	337361	67.70	ng	0.00
79) Terphenyl-d14	20.04	244	648865	84.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	19299	30.791	ng	95
3) Pyridine	3.89	79	53004	30.715	ng	96
4) n-Nitrosodimethylamine	3.82	42	32795	38.786	ng	# 94
6) Aniline	7.39	93	67822	28.737	ng	98
8) 2-Chlorophenol	7.62	128	69026	44.291	ng	98
9) Benzaldehyde	7.20	77	21627	18.033	ng	95
10) Phenol	7.25	94	87505	44.551	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	56277	35.988	ng	96
12) 1,3-Dichlorobenzene	7.95	146	72642	39.422	ng	97
13) 1,4-Dichlorobenzene	8.09	146	74415	39.431	ng	94
14) 1,2-Dichlorobenzene	8.41	146	71807	40.360	ng	99
15) Benzyl Alcohol	8.30	79	61974	42.947	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	120088	33.524	ng	96
17) 2-Methylphenol	8.50	107	59337	45.091	ng	98
18) Hexachloroethane	9.14	117	25178	36.510	ng	# 84
19) n-Nitroso-di-n-propylamine	8.86	70	48845	37.617	ng	95
20) 3+4-Methylphenols	8.83	107	82254	45.260	ng	97
22) Acetophenone	8.89	105	98089	40.322	ng	# 96
24) Nitrobenzene	9.28	77	76354	39.591	ng	100
25) Isophorone	9.79	82	138075	40.311	ng	99
26) 2-Nitrophenol	9.99	139	40437	40.966	ng	93
27) 2,4-Dimethylphenol	10.03	122	71191	50.325	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	76670	39.664	ng	98
29) 2,4-Dichlorophenol	10.53	162	74852	47.562	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	79294	41.713	ng	98
31) Naphthalene	10.93	128	213786	44.552	ng	99
32) Benzoic acid	10.19	122	37478	43.041	ng	94
33) 4-Chloroaniline	11.04	127	49461	23.741	ng	97
34) Hexachlorobutadiene	11.18	225	52114	40.515	ng	92
35) Caprolactam	11.83	113	25780	39.583	ng	93
36) 4-Chloro-3-methylphenol	12.15	107	78820	43.888	ng	94
37) 2-Methylnaphthalene	12.53	142	162782	47.550	ng	99
38) 1-Methylnaphthalene	12.75	142	155346	46.763	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	98889	38.697	ng	99

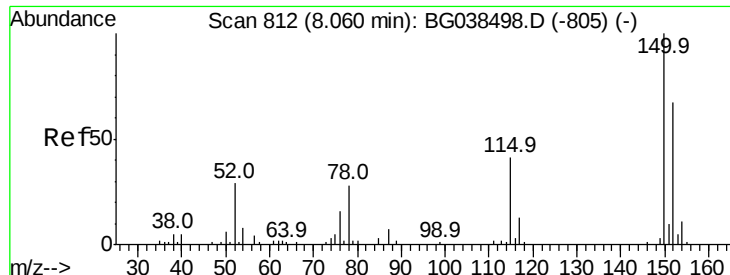
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038786.D
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 Operator : JU/SJ
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Quant Time: Dec 21 16:53:12 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	107381	76.483	nq	95
43) 2,4,6-Trichlorophenol	13.13	196	70466	44.846	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	76059	45.719	nq	97
46) 1,1'-Biphenyl	13.53	154	216971	37.857	nq	99
47) 2-Chloronaphthalene	13.58	162	175840	39.719	nq	98
48) 2-Nitroaniline	13.79	65	57171	40.543	nq	91
49) Acenaphthylene	14.42	152	290349	43.870	nq	99
50) Dimethylphthalate	14.14	163	227723	40.789	nq	100
51) 2,6-Dinitrotoluene	14.28	165	51736	40.891	nq	94
52) Acenaphthene	14.76	154	166775	42.141	nq	94
53) 3-Nitroaniline	14.61	138	40678	31.540	nq	94
54) 2,4-Dinitrophenol	14.82	184	53208	71.284	nq	98
55) Dibenzofuran	15.09	168	283420	41.779	nq	97
56) 4-Nitrophenol	14.92	139	81476	83.273	nq	98
57) 2,4-Dinitrotoluene	15.07	165	74966	42.069	nq	94
58) Fluorene	15.74	166	230523	45.866	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	71626	47.854	nq	97
60) Diethylphthalate	15.50	149	241615	39.422	nq	99
61) 4-Chlorophenyl-phenylether	15.73	204	129733	41.370	nq	95
62) 4-Nitroaniline	15.78	138	56101	42.251	nq	95
63) Azobenzene	16.02	77	204431	39.928	nq	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	45569	36.856	nq	93
66) n-Nitrosodiphenylamine	15.95	169	214441	42.109	nq	96
67) 4-Bromophenyl-phenylether	16.62	248	87568	41.369	nq	99
68) Hexachlorobenzene	16.74	284	91278	41.599	nq	95
69) Atrazine	16.89	200	86939	46.001	nq	97
70) Pentachlorophenol	17.09	266	102597	79.050	nq	100
71) Phenanthrene	17.49	178	396503	44.115	nq	98
72) Anthracene	17.58	178	402720	45.387	nq	99
73) Carbazole	17.85	167	355404	40.501	nq	98
74) Di-n-butylphthalate	18.38	149	415883	41.303	nq	99
75) Fluoranthene	19.50	202	469576	42.226	nq	97
77) Benzidine	19.68	184	210977	42.490	nq	99
78) Pyrene	19.86	202	472501	42.600	nq	99
80) Butylbenzylphthalate	20.73	149	180977	41.763	nq	100
81) Benzo(a)anthracene	21.71	228	453883	44.365	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	123937	30.545	nq	97
83) Chrysene	21.78	228	419072	42.527	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	249448	40.588	nq	99
85) Di-n-octyl phthalate	22.80	149	422699	41.067	nq	100
86) Indeno(1,2,3-cd)pyrene	28.82	276	494746	42.705	nq	# 74
88) Benzo(b)fluoranthene	23.97	252	447970	46.715	nq	99
89) Benzo(k)fluoranthene	24.04	252	432198	45.261	nq	97
90) Benzo(a)pyrene	24.87	252	431213	46.611	nq	98
91) Dibenzo(a,h)anthracene	28.88	278	417556	45.331	nq	98
92) Benzo(g,h,i)perylene	30.01	276	412447	45.435	nq	97

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

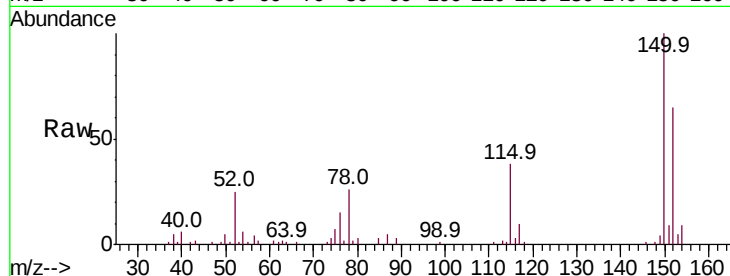


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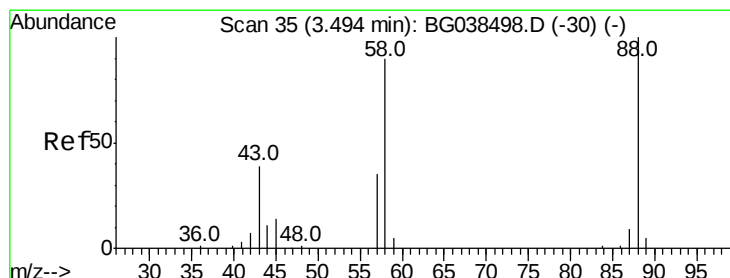
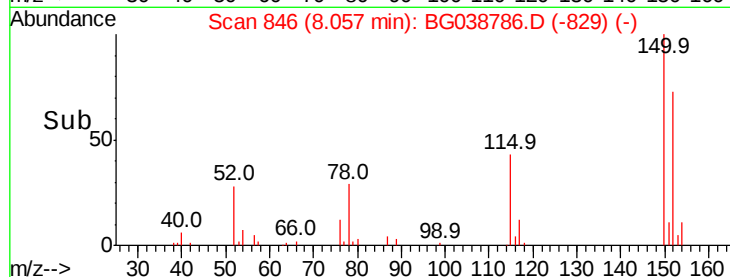
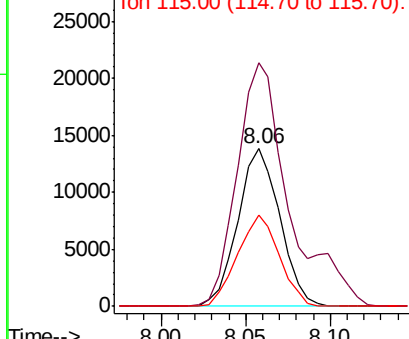
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Tot Ion	152	Resp	23886
Ion Ratio	100	Lower	Upper
150	154.7	119.5	179.3
115	58.0	49.6	74.4



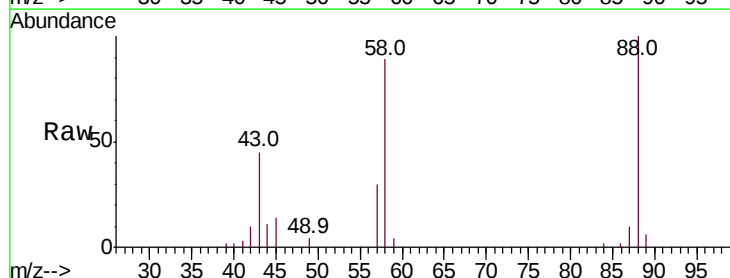
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



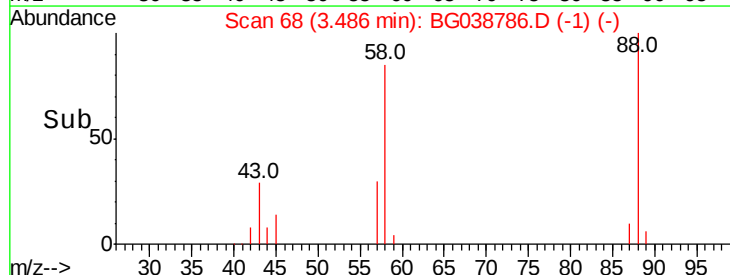
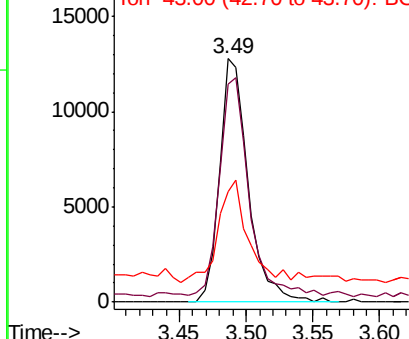
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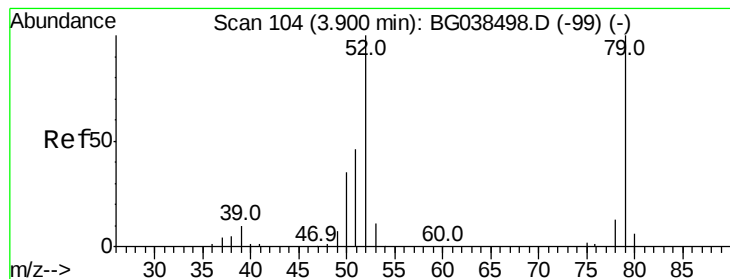
1,4-Dioxane
 Concen: 30.791 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.01 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion	88	Resp	19299
Ion Ratio	100	Lower	Upper
58	92.0	75.7	113.5
43	45.4	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: 30.715 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

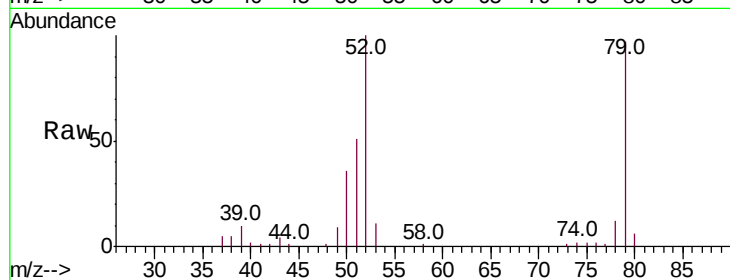
Tot Ion: 79 Resp: 53004

Ion Ratio Lower Upper

79 100

52 102.9 80.2 120.2

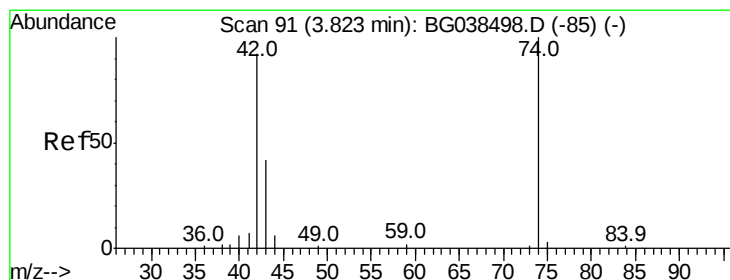
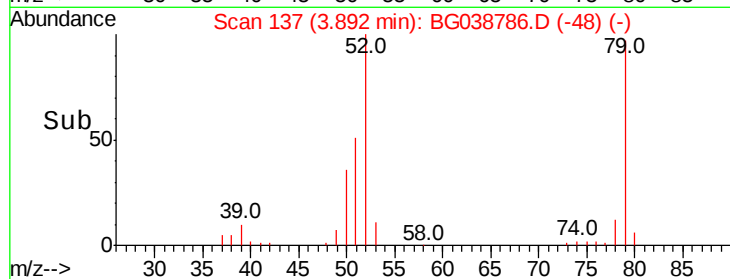
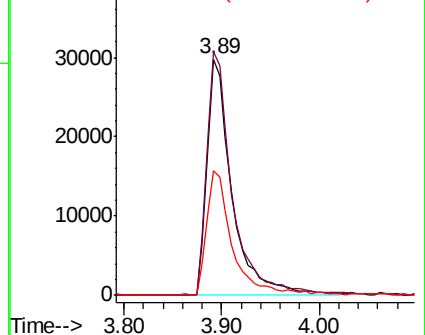
51 52.8 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.786 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

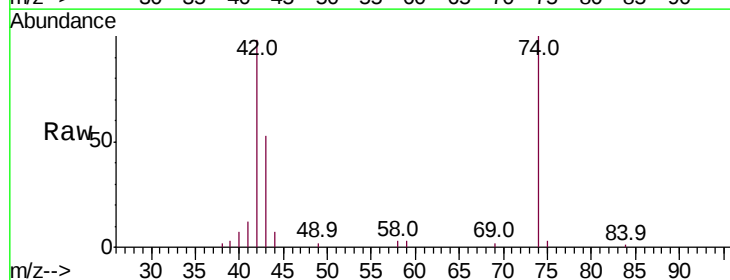
Tgt Ion: 42 Resp: 32795

Ion Ratio Lower Upper

42 100

74 102.5 86.7 130.1

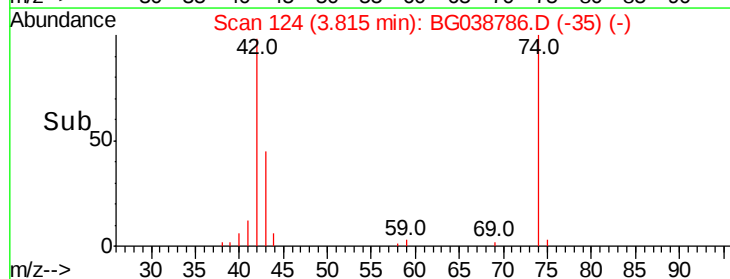
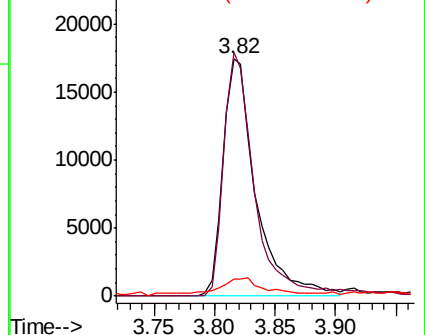
44 7.1 7.8 11.8#

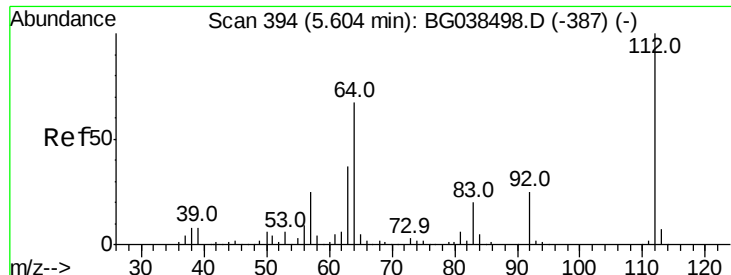


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 139.229 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

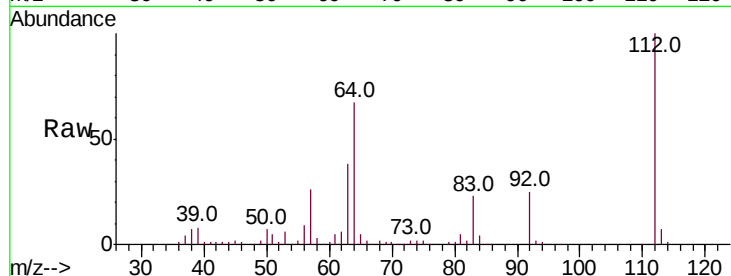
Tot Ion:112 Resp: 187501

Ion Ratio Lower Upper

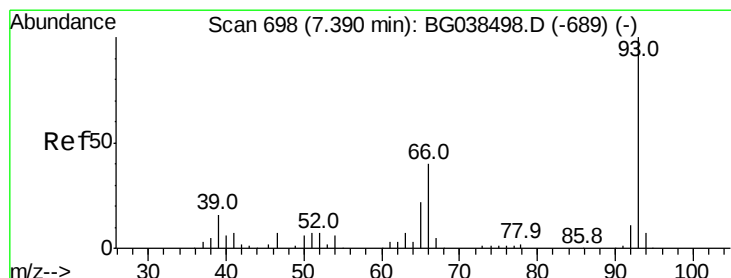
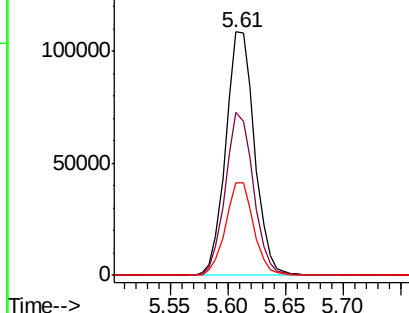
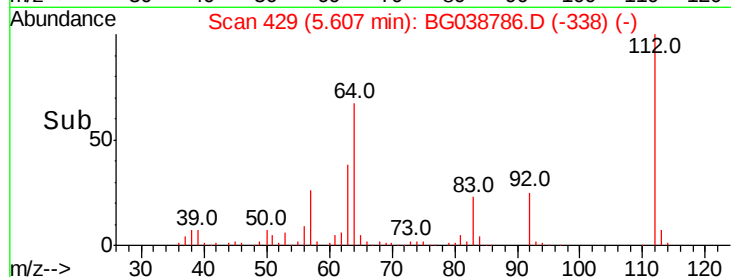
112 100

64 67.1 53.4 80.2

63 38.3 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: 28.737 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

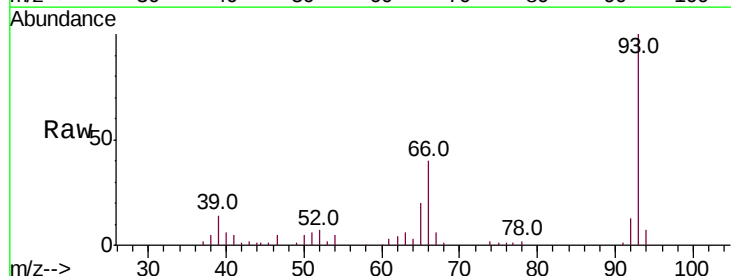
Tgt Ion: 93 Resp: 67822

Ion Ratio Lower Upper

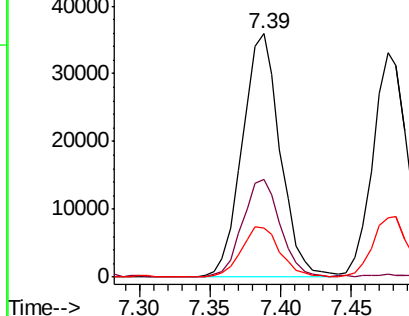
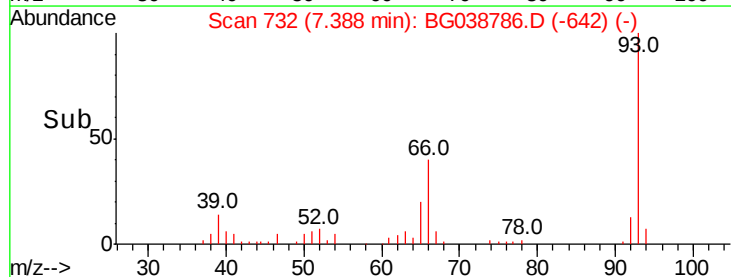
93 100

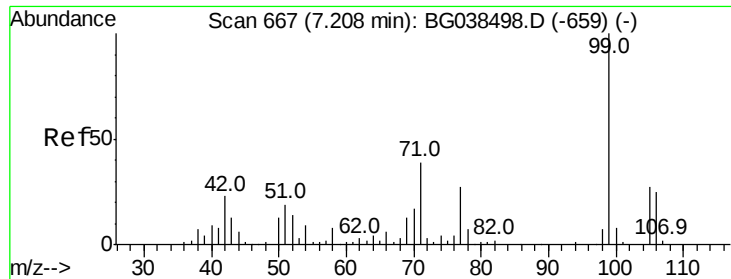
66 39.9 31.7 47.5

65 20.3 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: 139.653 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

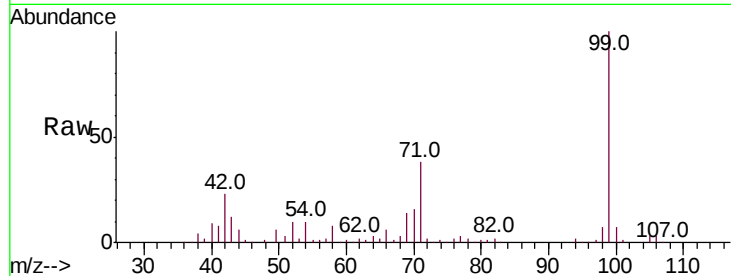
Tot Ion: 99 Resp: 258188

Ion Ratio Lower Upper

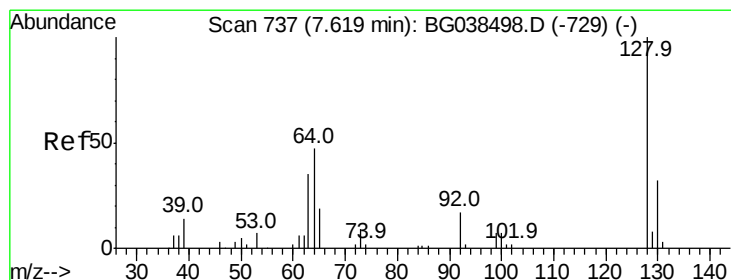
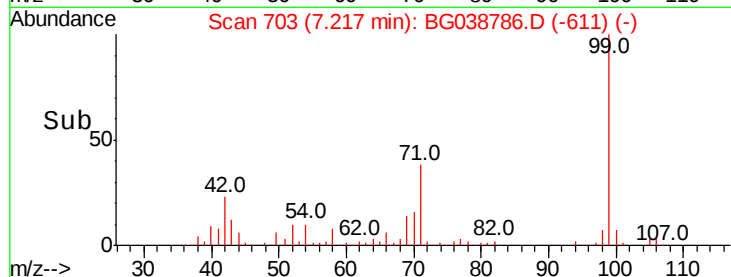
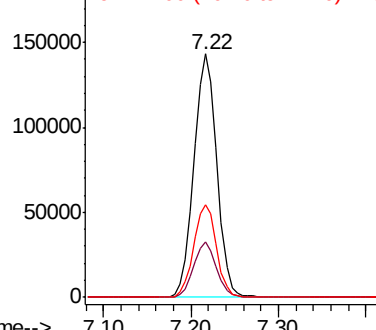
99 100

42 22.8 18.5 27.7

71 37.8 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: 44.291 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

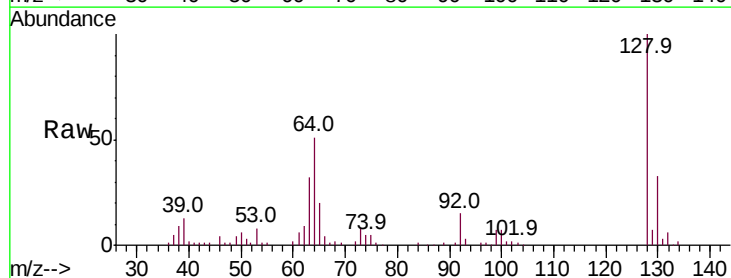
Tgt Ion: 128 Resp: 69026

Ion Ratio Lower Upper

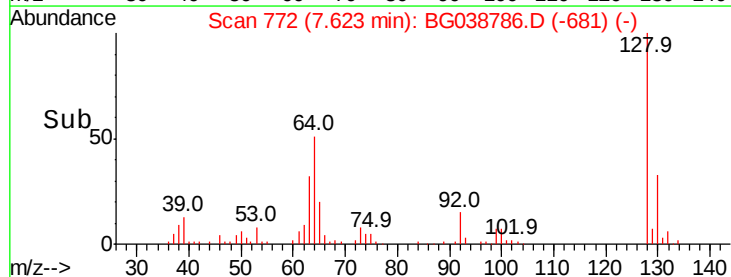
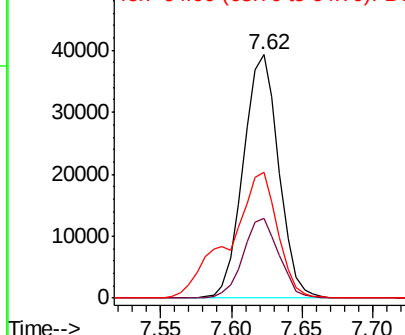
128 100

130 32.9 11.8 51.8

64 51.5 33.2 73.2



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





#9

Benzaldehyde

Concen: 18.033 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

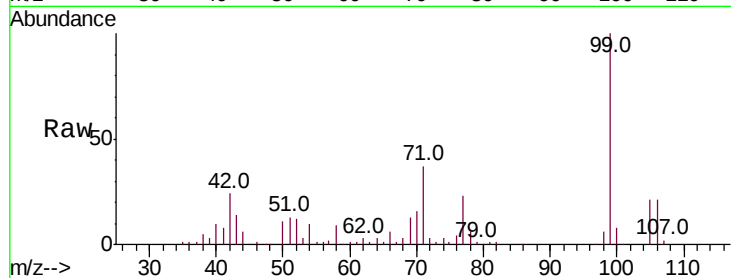
BNA_G

ClientSampleId :

PB115904BS

Tot Ion: 77 Resp: 21627

Ion	Ratio	Lower	Upper
77	100		
105	88.7	74.0	114.0
106	89.5	73.9	113.9

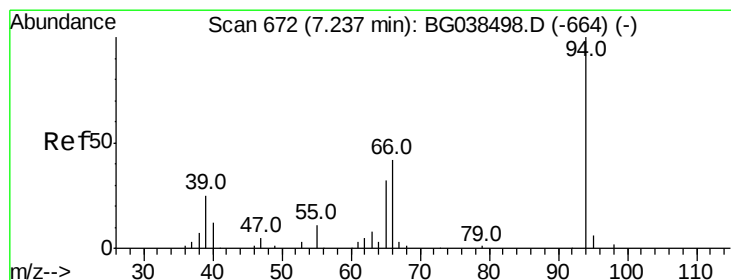
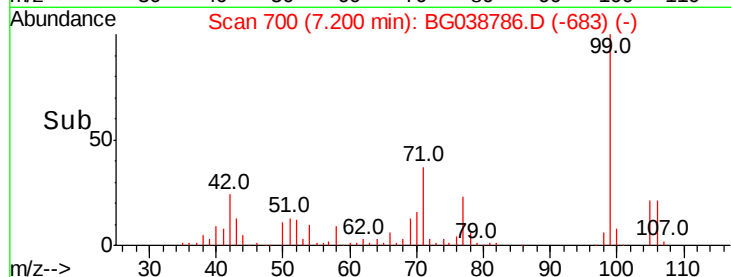
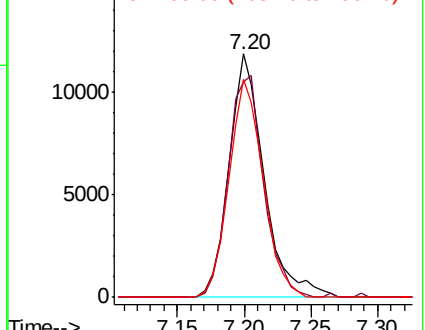


Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.551 ng

RT: 7.25 min Scan# 708

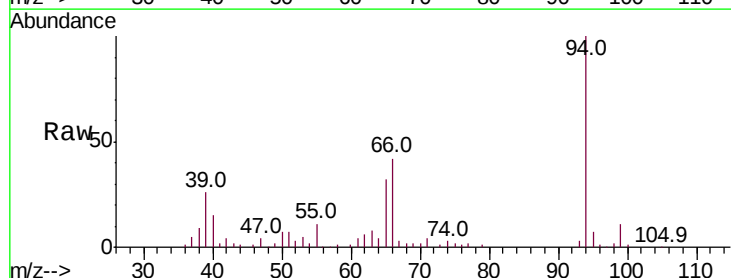
Delta R.T. 0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Tgt Ion: 94 Resp: 87505

Ion	Ratio	Lower	Upper
94	100		
65	32.0	12.6	52.6
66	41.8	24.1	64.1

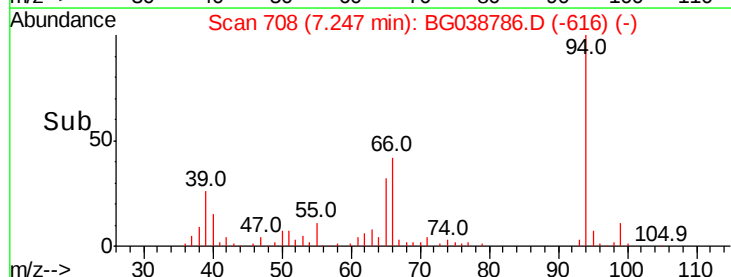
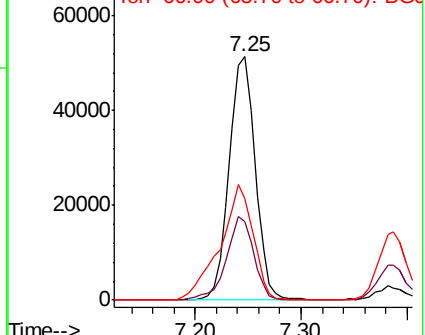


Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.988 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

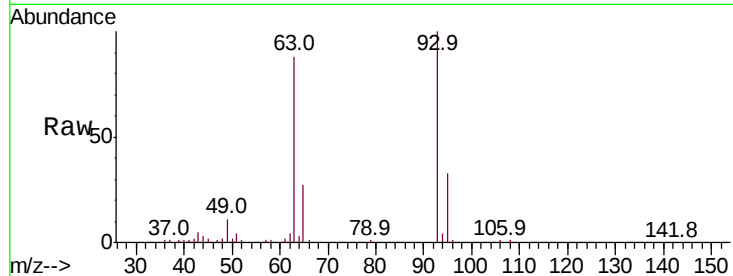
Tot Ion: 93 Resp: 56277

Ion Ratio Lower Upper

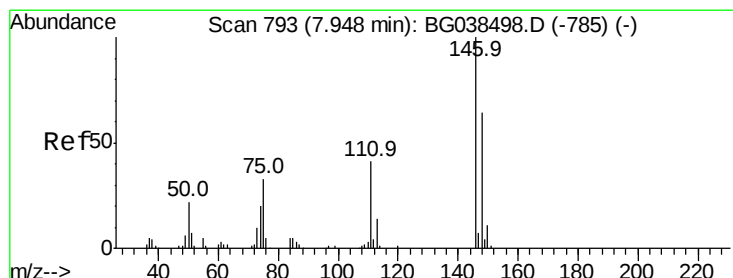
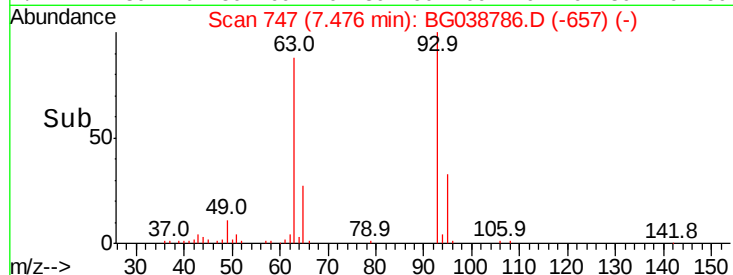
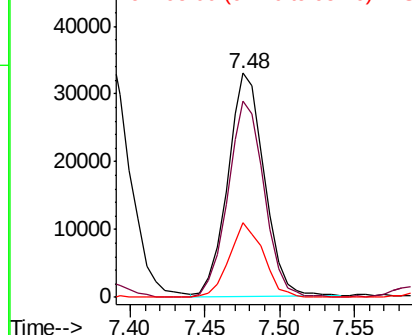
93 100

63 87.8 72.2 112.2

95 33.1 11.2 51.2



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



#12

1,3-Dichlorobenzene

Concen: 39.422 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

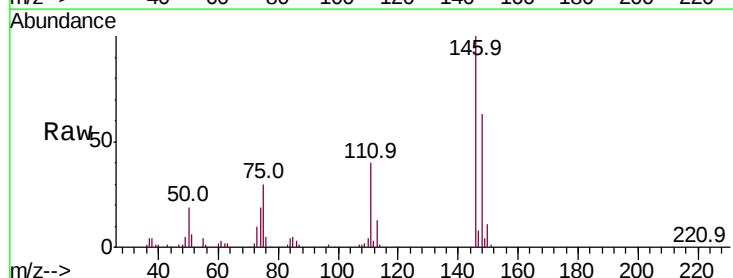
Tgt Ion:146 Resp: 72642

Ion Ratio Lower Upper

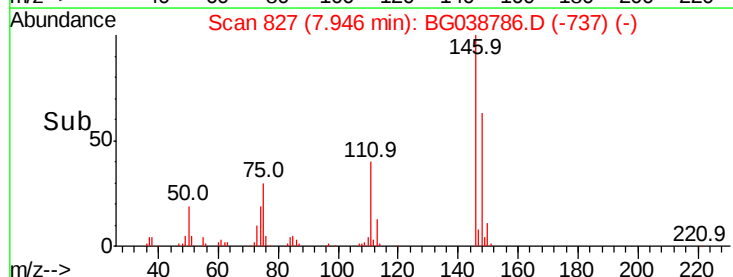
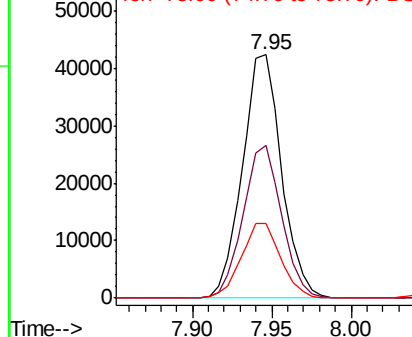
146 100

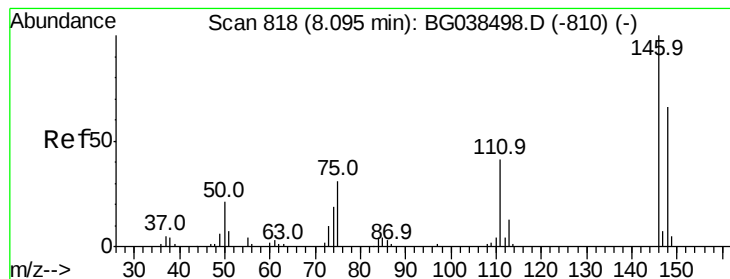
148 62.6 51.4 77.0

75 30.5 26.1 39.1



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





#13

1,4-Dichlorobenzene

Concen: 39.431 ng

RT: 8.09 min Scan# 852

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

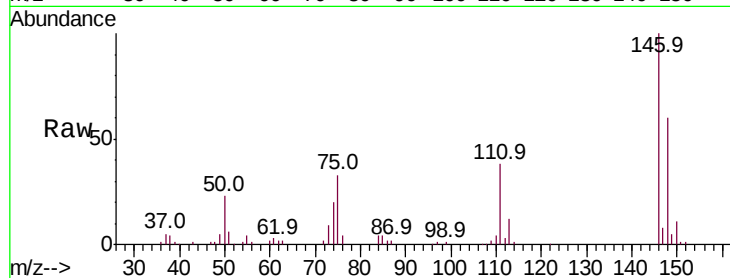
Tot Ion:146 Resp: 74415

Ion Ratio Lower Upper

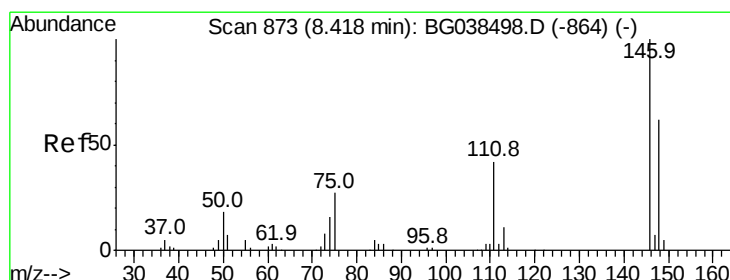
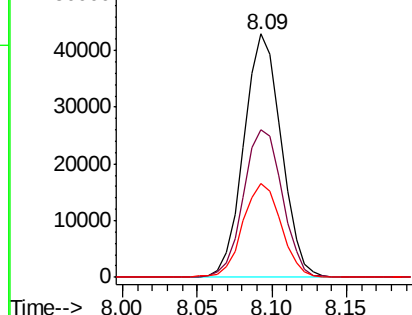
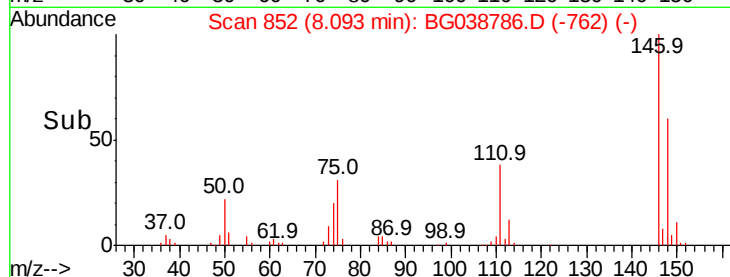
146 100

148 60.4 52.4 78.6

111 38.3 33.0 49.4



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



#14

1,2-Dichlorobenzene

Concen: 40.360 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

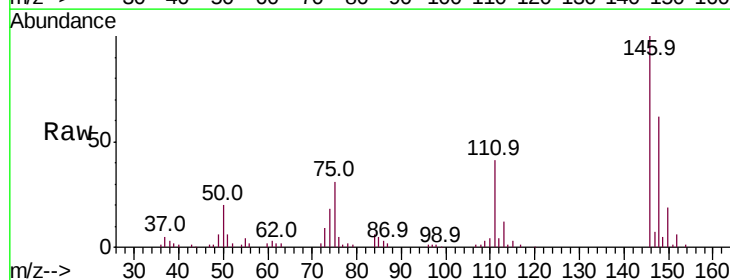
Tgt Ion:146 Resp: 71807

Ion Ratio Lower Upper

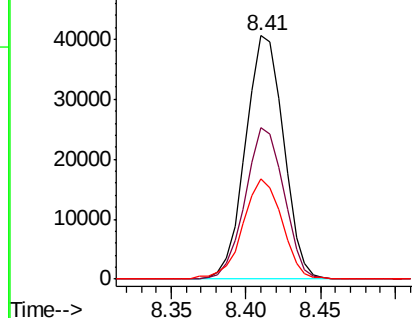
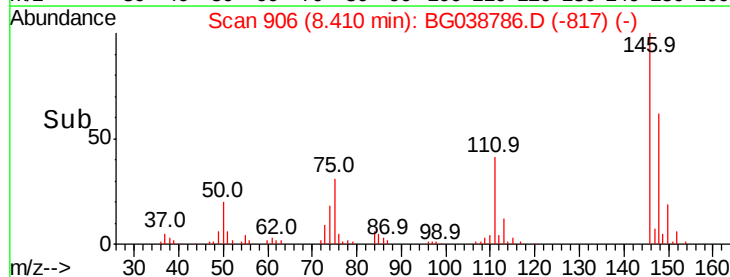
146 100

148 62.1 49.4 74.0

111 41.0 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 42.947 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

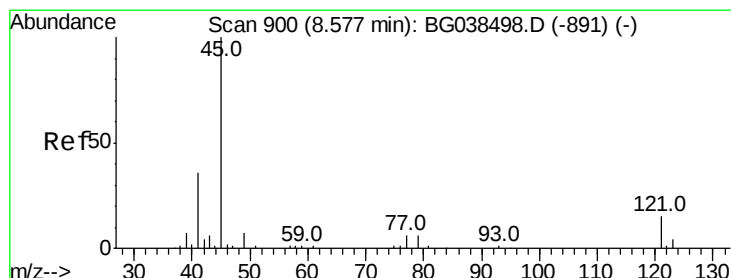
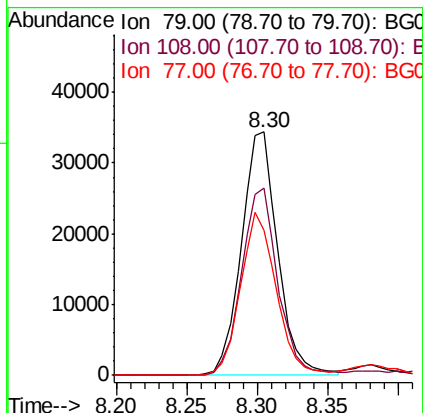
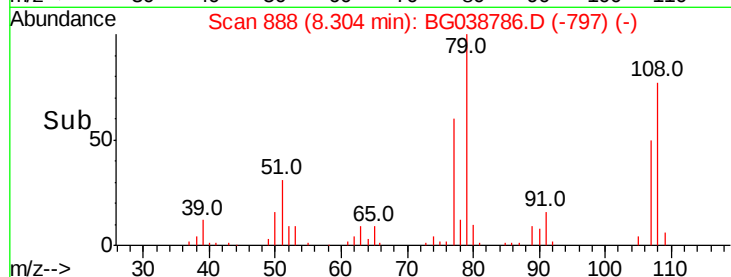
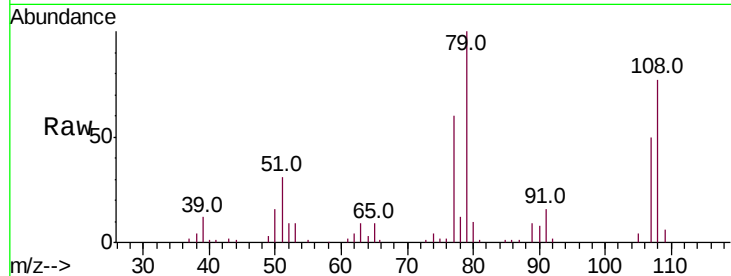
Tot Ion: 79 Resp: 61974

Ion Ratio Lower Upper

79 100

108 77.1 60.2 90.4

77 59.6 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.524 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

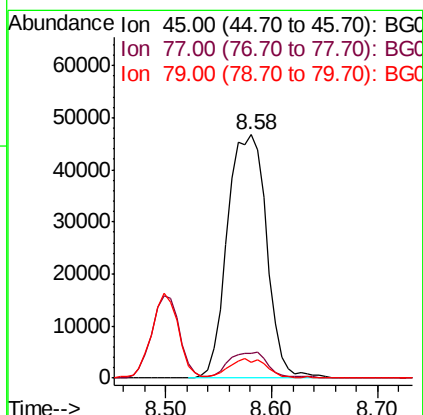
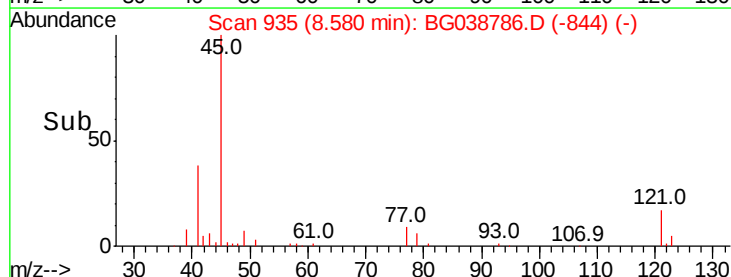
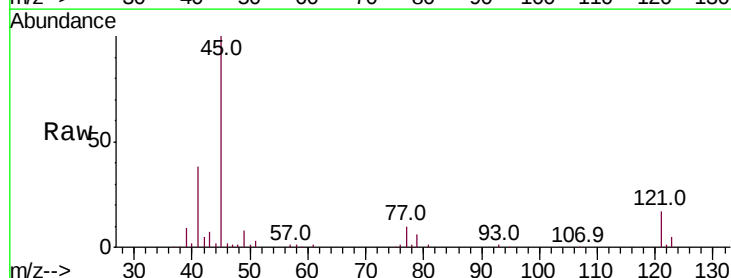
Tgt Ion: 45 Resp: 120088

Ion Ratio Lower Upper

45 100

77 10.1 0.0 28.2

79 6.3 0.0 27.2

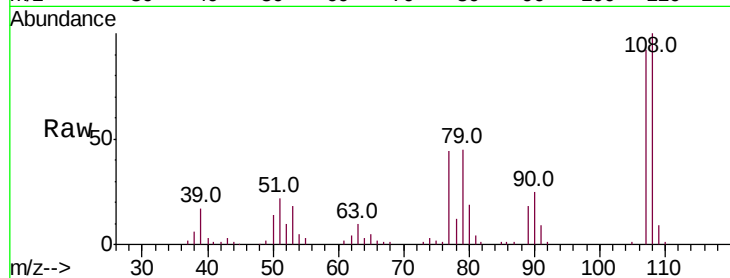




#17
2-Methylphenol
Concen: 45.091 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	87.1	130.7
77	47.5	42.0	63.0
79	48.9	38.2	57.2



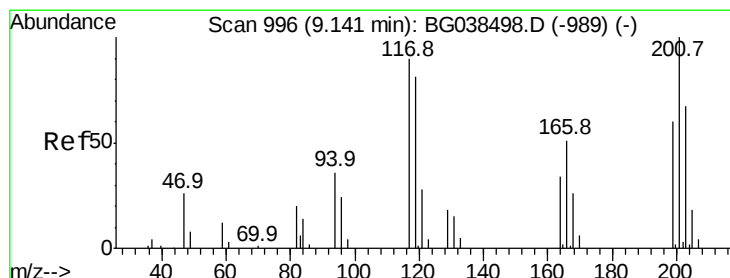
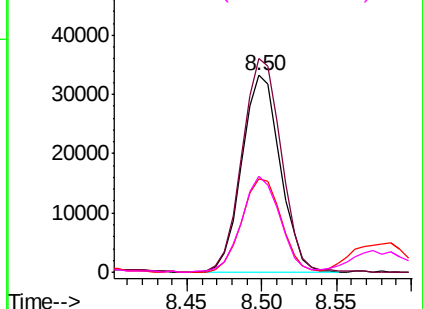
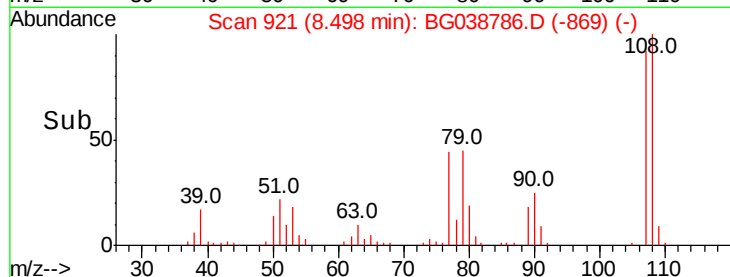
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

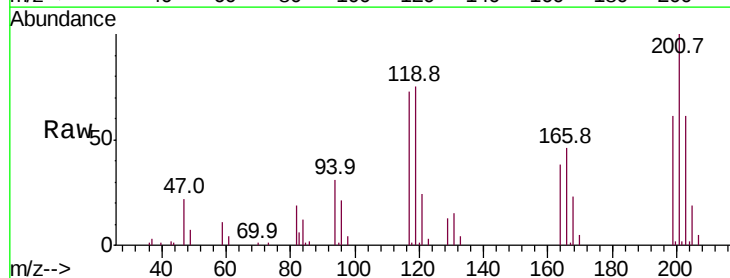
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 36.510 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.4	73.8	110.8
201	136.1	89.4	134.0#

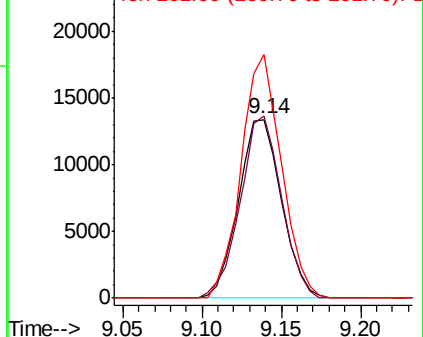
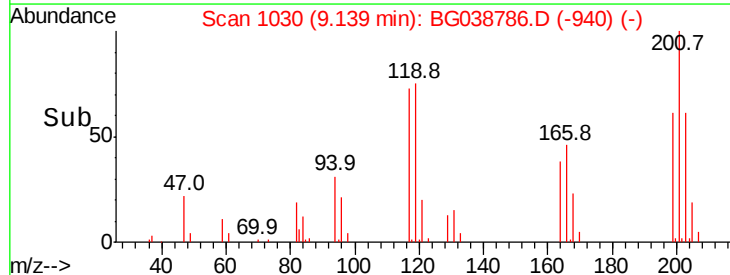


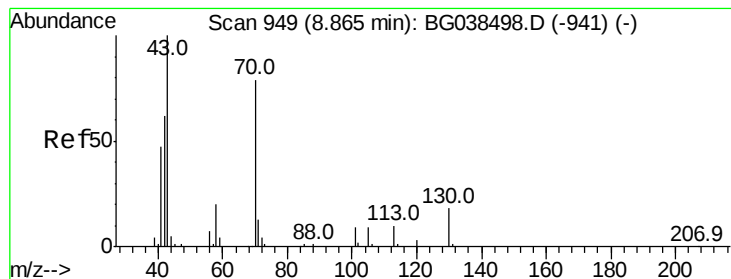
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.617 ng

RT: 8.86 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

Tot Ion: 70 Resp: 48845

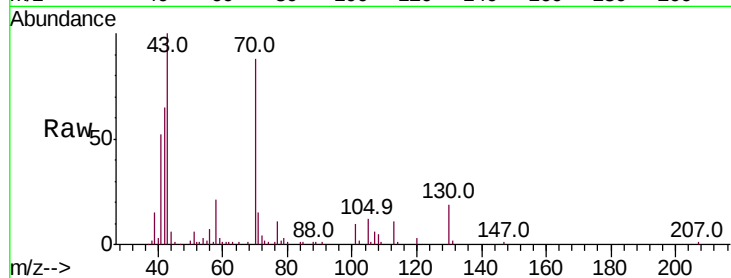
Ion Ratio Lower Upper

70 100

42 74.0 63.6 95.4

101 11.0 9.2 13.8

130 22.0 18.5 27.7

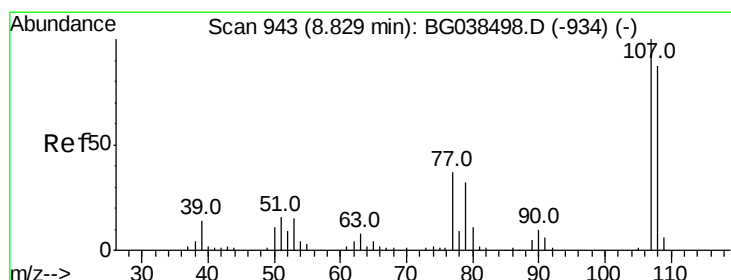
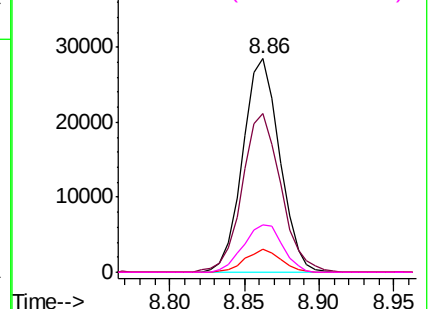
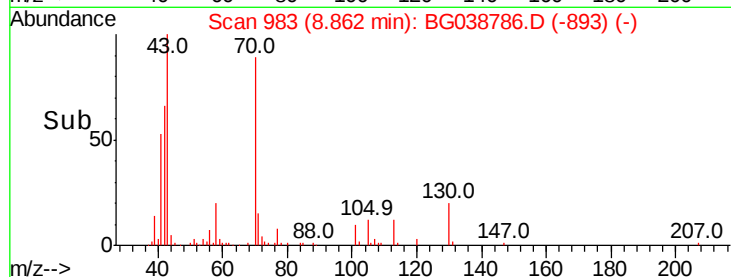


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.260 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Tgt Ion: 107 Resp: 82254

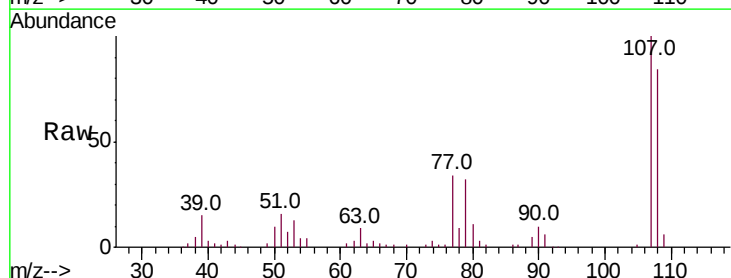
Ion Ratio Lower Upper

107 100

108 83.9 66.7 106.7

77 34.4 17.3 57.3

79 31.8 12.3 52.3

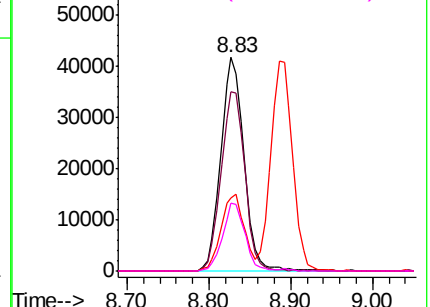
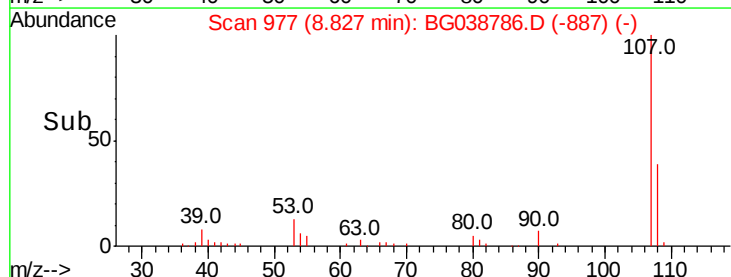


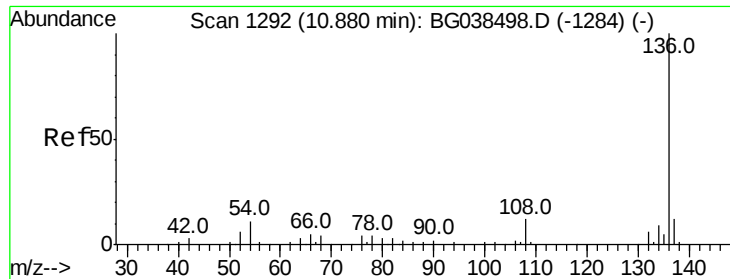
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

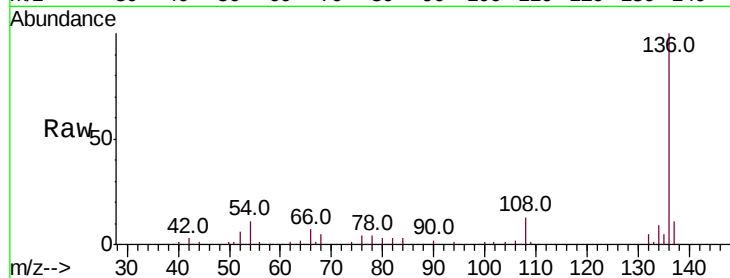




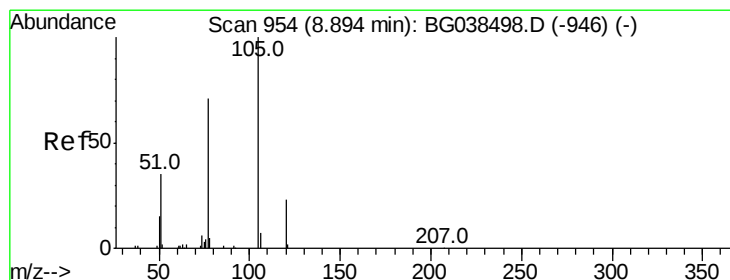
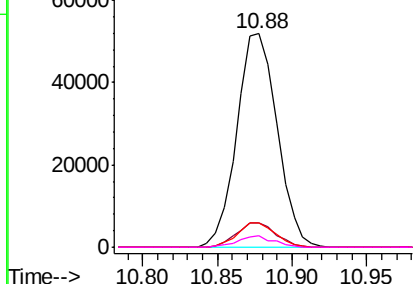
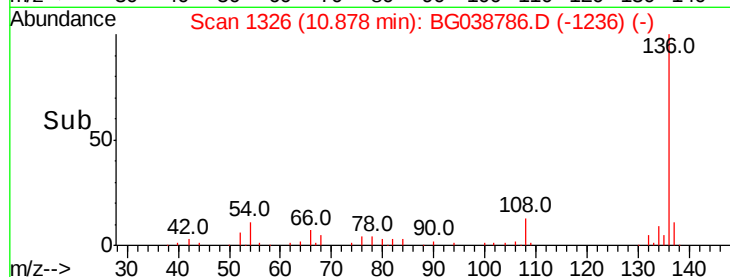
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion:136	Resp:	97392
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.3 13.9
54	11.5	8.5 12.7
68	5.2	3.5 5.3

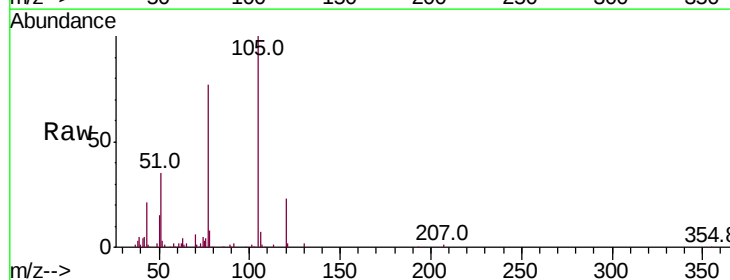


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

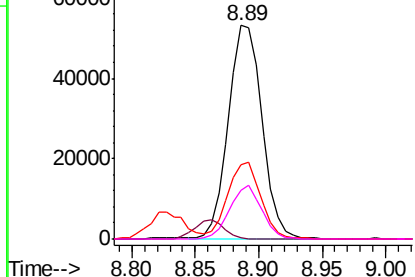
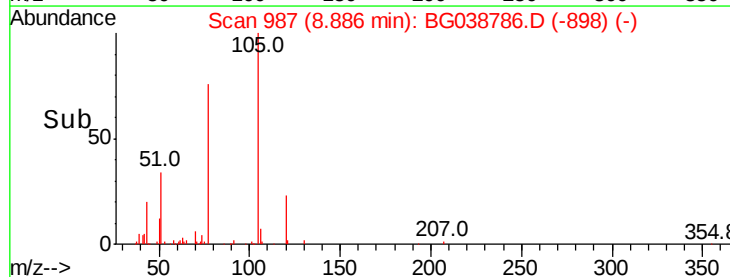


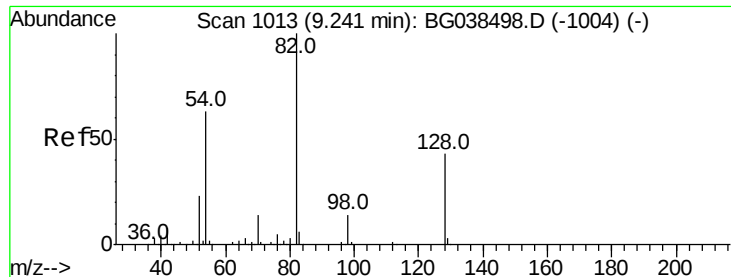
#22
Acetophenone
Concen: 40.322 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:105	Resp:	98089
Ion	Ratio	Lower Upper
105	100	
71	0.9	0.4 0.6#
51	35.0	30.6 46.0
120	22.8	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

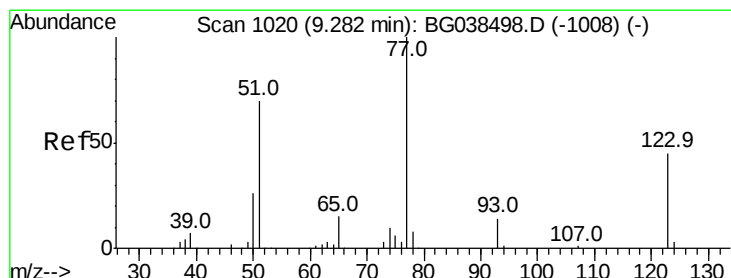
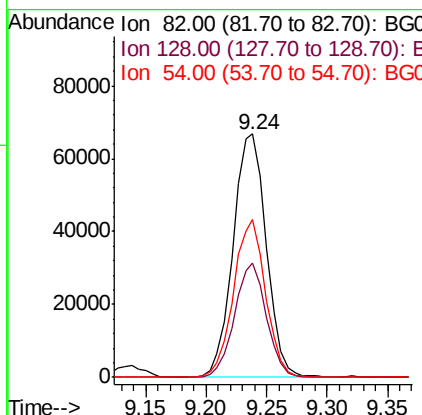
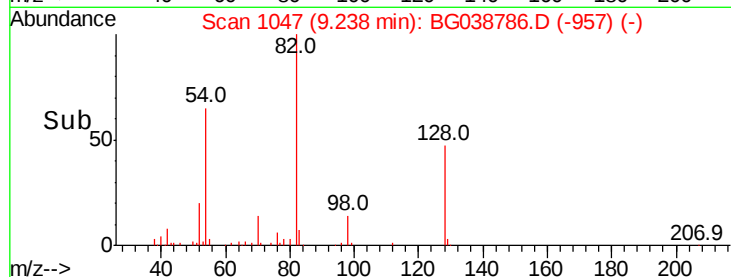
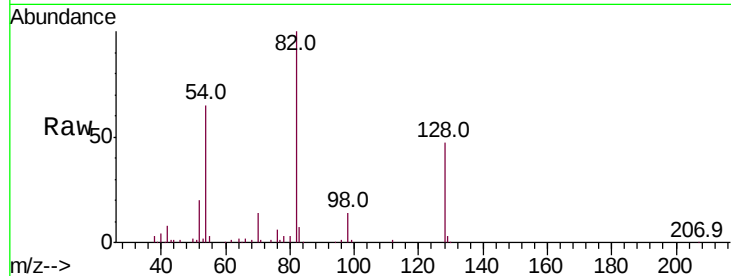




#23
Nitrobenzene-d5
Concen: 66.920 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

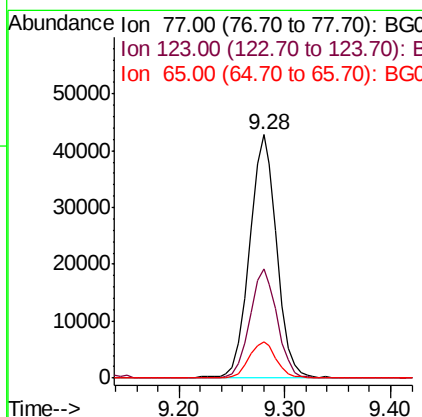
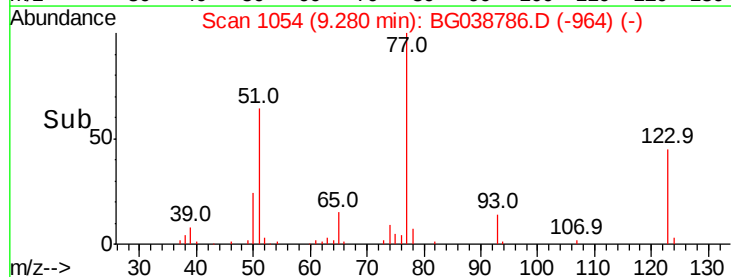
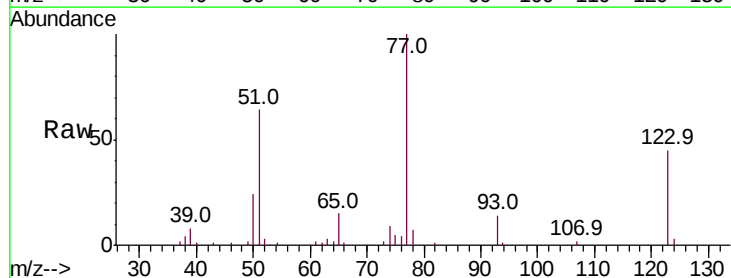
Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion: 82 Resp: 127575
Ion Ratio Lower Upper
82 100
128 46.9 34.6 52.0
54 64.7 50.6 76.0



#24
Nitrobenzene
Concen: 39.591 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion: 77 Resp: 76354
Ion Ratio Lower Upper
77 100
123 45.1 35.9 53.9
65 14.6 12.0 18.0

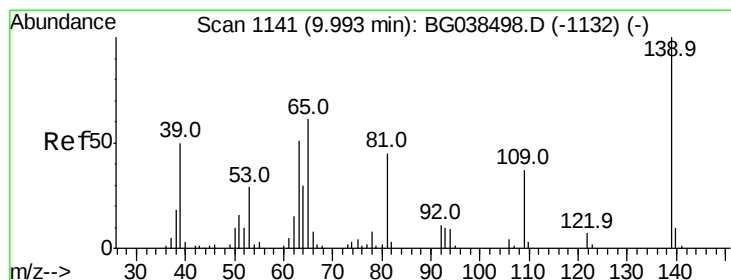
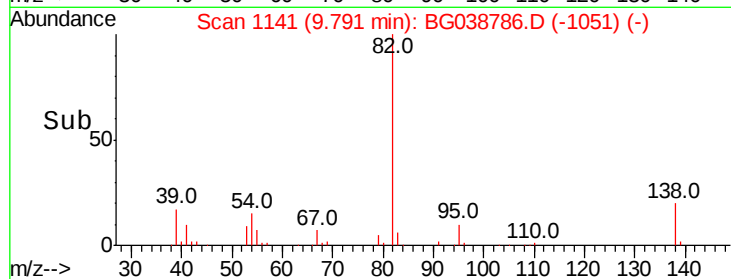
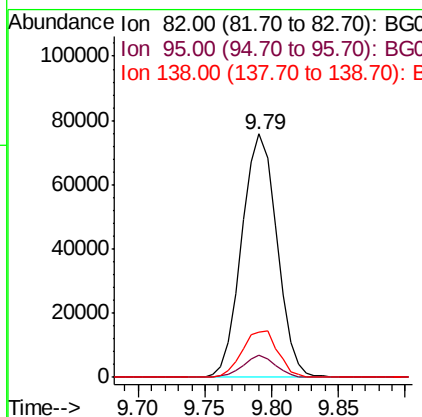
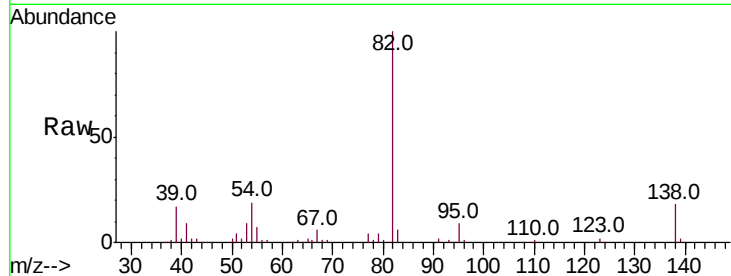




#25
Isophorone
Concen: 40.311 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

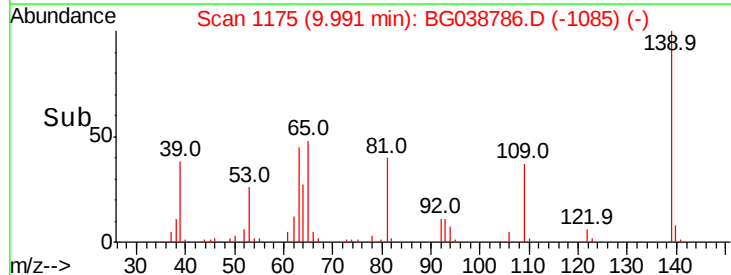
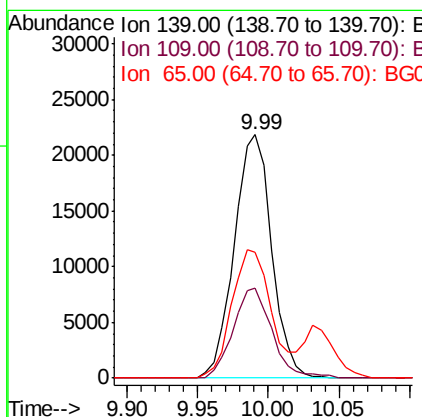
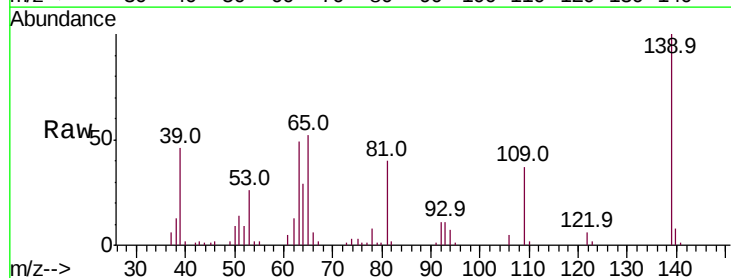
Instrument :
BNA_G
ClientSampleId :
PB115904BS

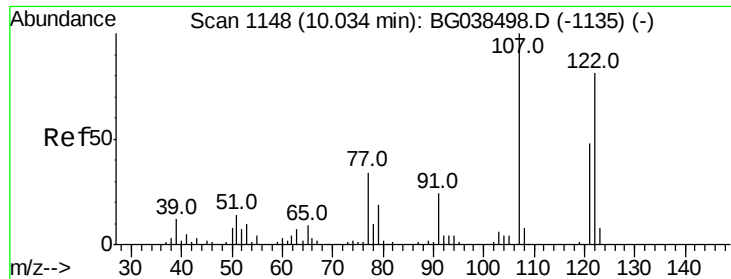
Tot Ion: 82 Resp: 138075
Ion Ratio Lower Upper
82 100
95 8.9 6.1 9.1
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 40.966 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion: 139 Resp: 40437
Ion Ratio Lower Upper
139 100
109 36.9 29.5 44.3
65 51.9 48.5 72.7

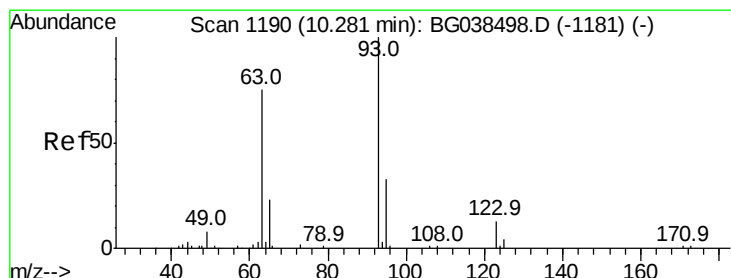
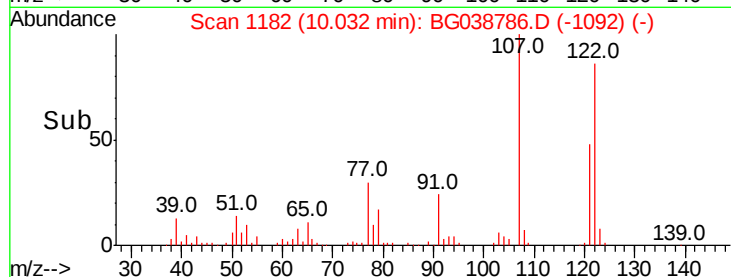
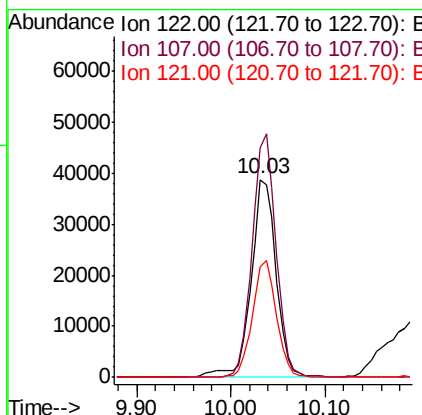
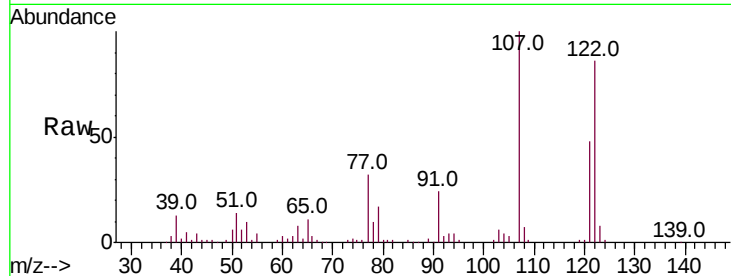




#27
 2,4-Dimethylphenol
 Concen: 50.325 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

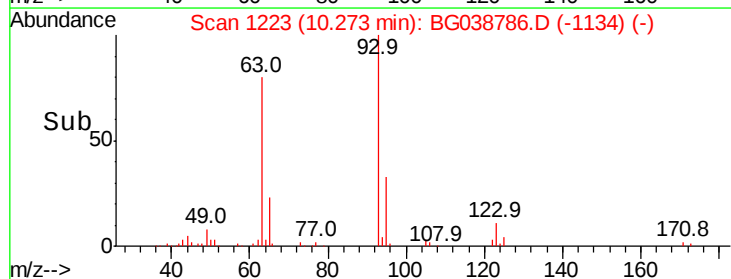
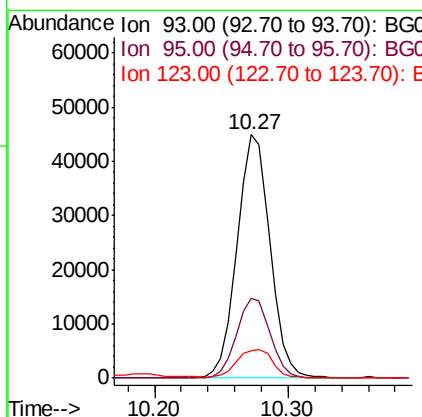
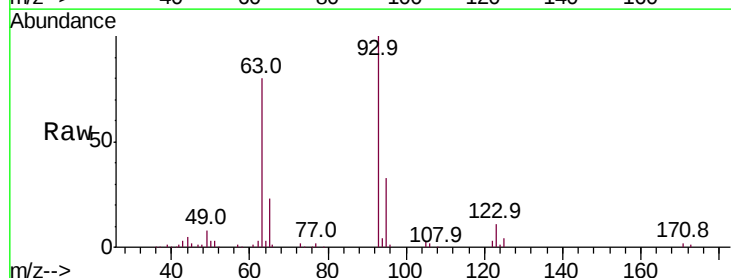
Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

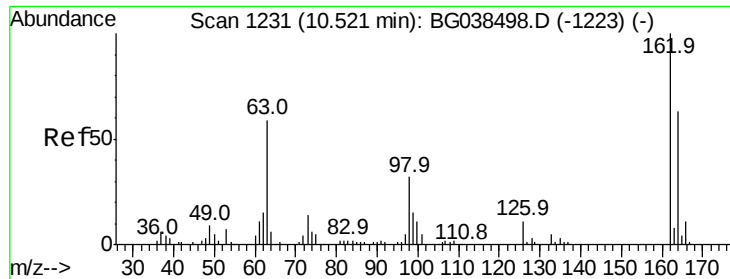
Tot Ion:122 Resp: 71191
 Ion Ratio Lower Upper
 122 100
 107 115.9 98.4 147.6
 121 55.9 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.664 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion: 93 Resp: 76670
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 40.0
 123 11.2 10.6 16.0

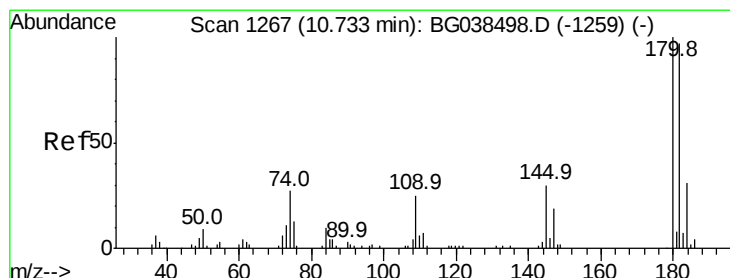
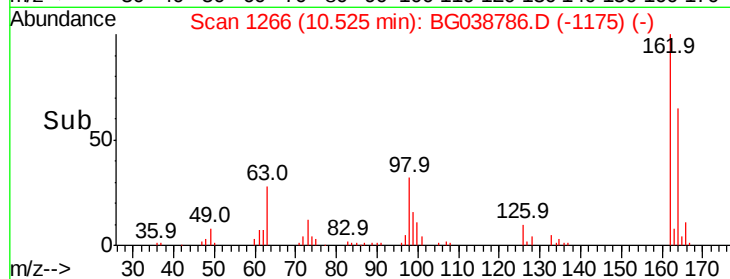
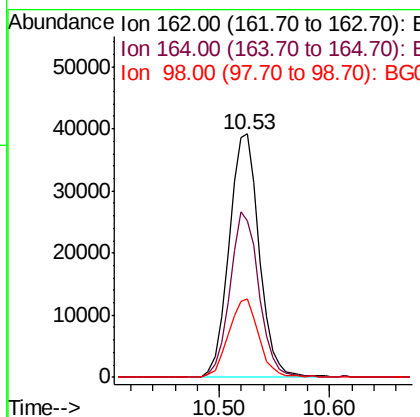
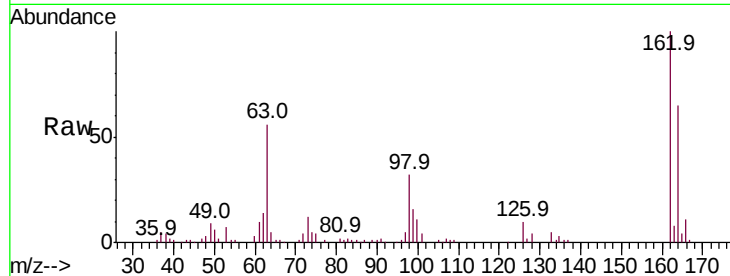




#29
 2,4-Dichlorophenol
 Concen: 47.562 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

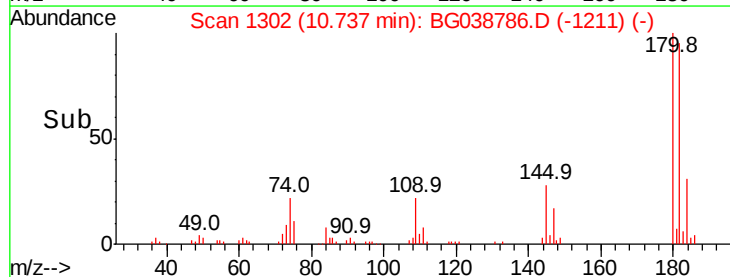
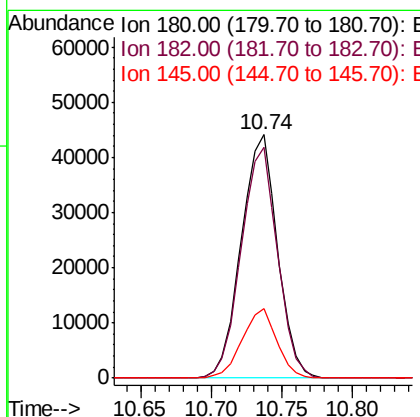
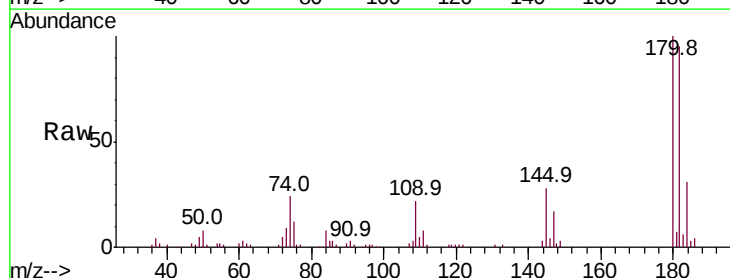
Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

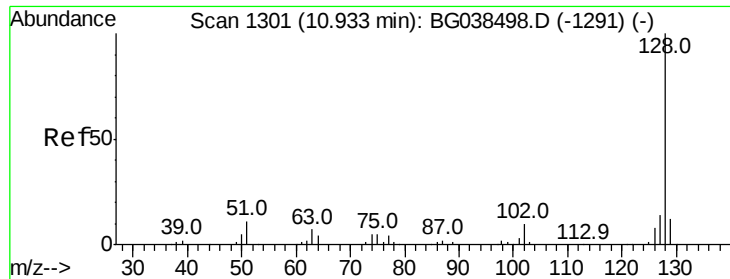
Tot Ion:162 Resp: 74852
 Ion Ratio Lower Upper
 162 100
 164 64.5 42.9 82.9
 98 32.3 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.713 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion:180 Resp: 79294
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.4 116.0
 145 28.4 24.1 36.1





#31

Naphthalene

Concen: 44.552 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

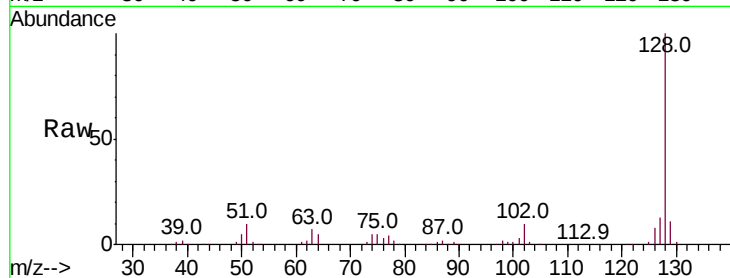
Tot Ion:128 Resp: 213786

Ion Ratio Lower Upper

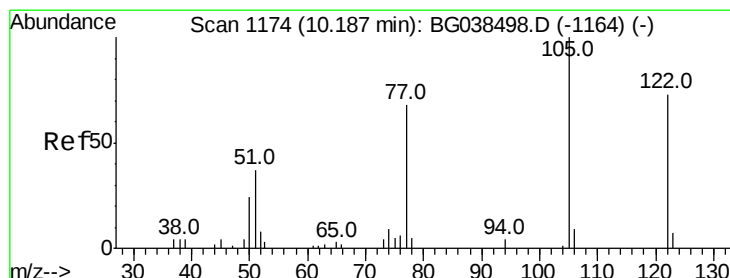
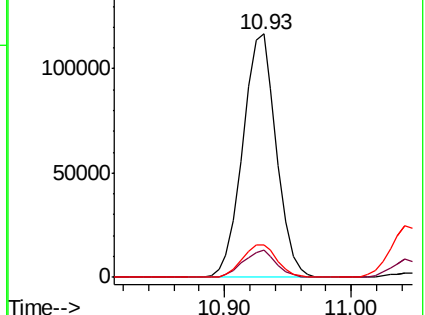
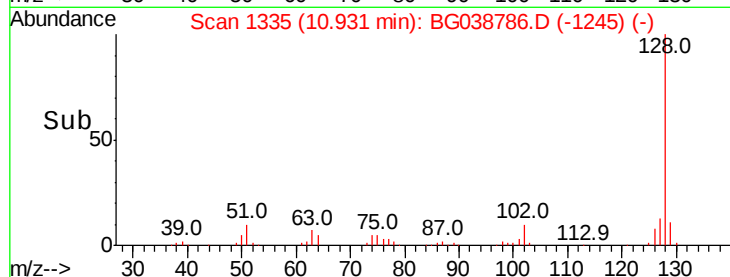
128 100

129 11.1 9.5 14.3

127 13.3 10.9 16.3



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



#32

Benzoic acid

Concen: 43.041 ng

RT: 10.19 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

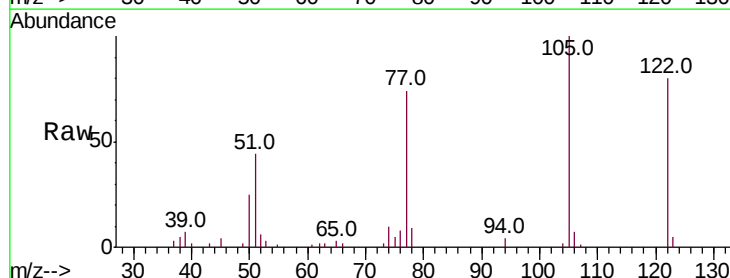
Tgt Ion:122 Resp: 37478

Ion Ratio Lower Upper

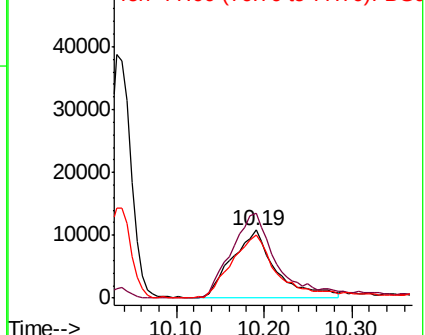
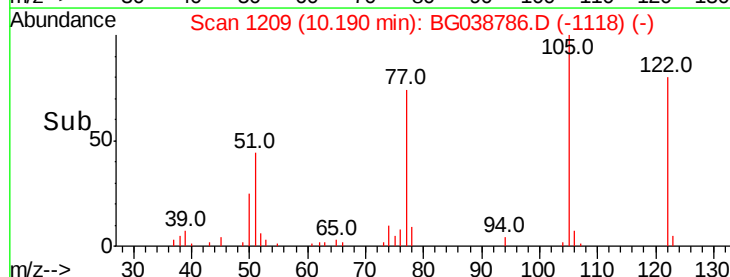
122 100

105 124.8 116.7 156.7

77 92.3 72.5 112.5



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

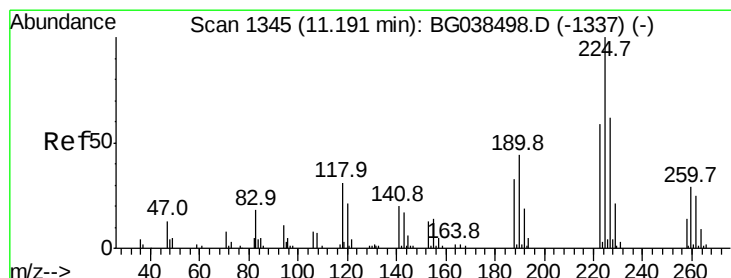
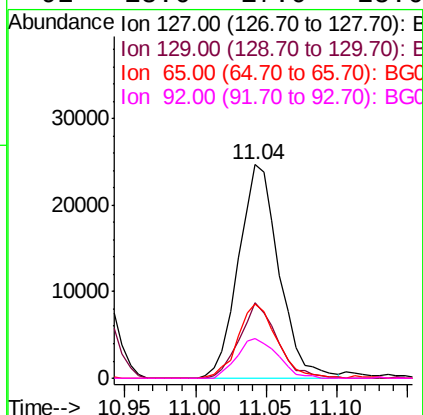
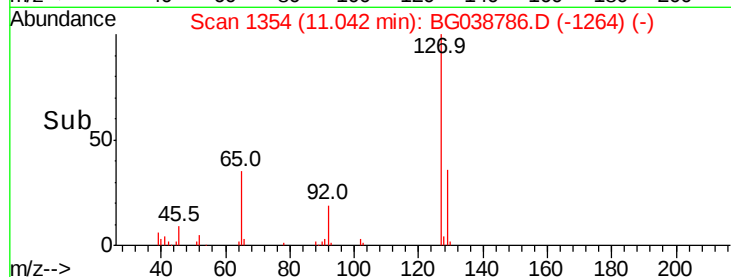
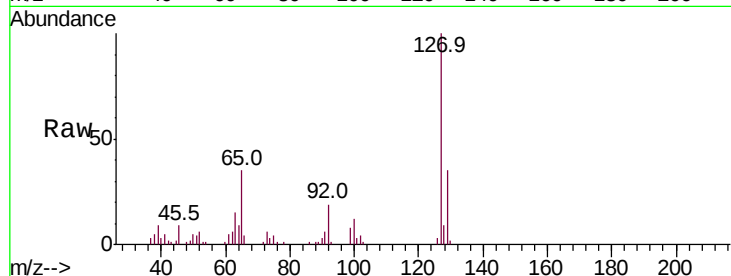




#33
4-Chloroaniline
Concen: 23.741 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

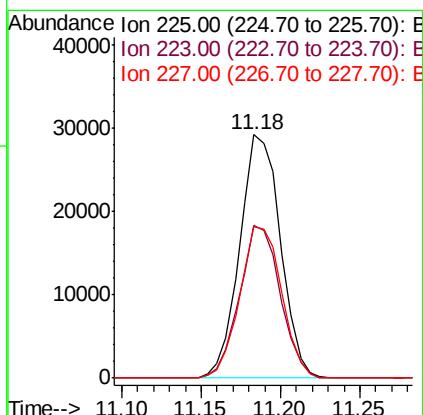
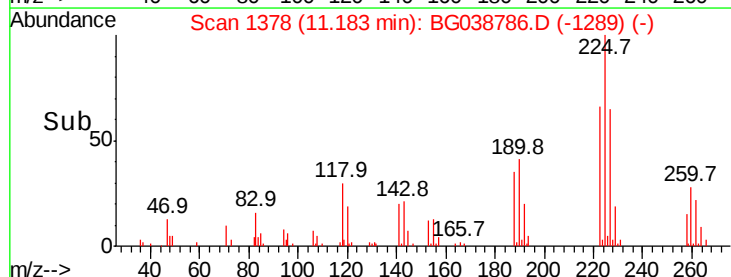
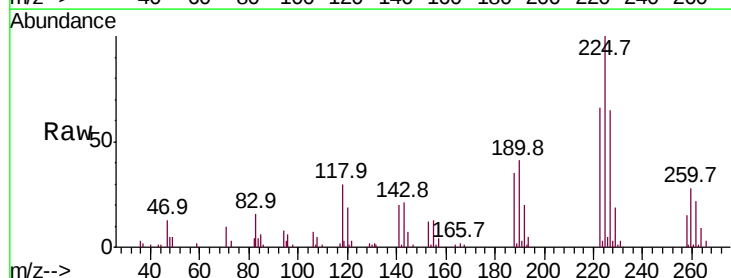
Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion:	127	Resp:	49461
Ion	Ratio	Lower	Upper
127	100		
129	35.2	25.8	38.8
65	35.0	27.8	41.6
92	18.6	17.0	25.6



#34
Hexachlorobutadiene
Concen: 40.515 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:	225	Resp:	52114
Ion	Ratio	Lower	Upper
225	100		
223	65.7	45.0	67.6
227	65.4	50.6	75.8





#35

Caprolactam

Concen: 39.583 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

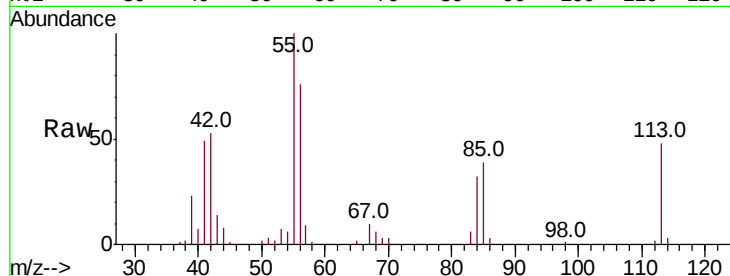
Tot Ion:113 Resp: 25780

Ion Ratio Lower Upper

113 100

55 207.2 204.3 244.3

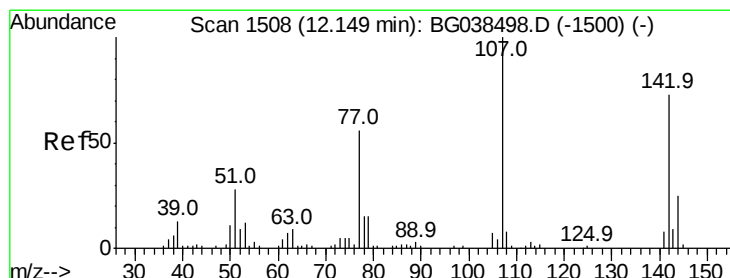
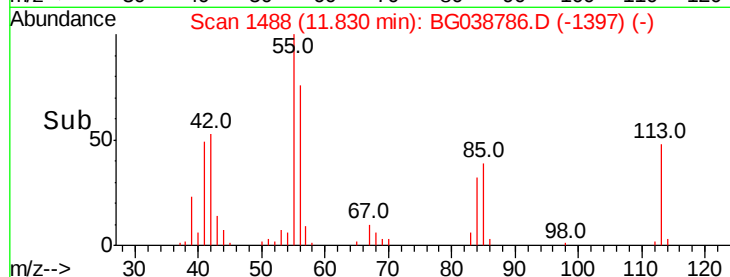
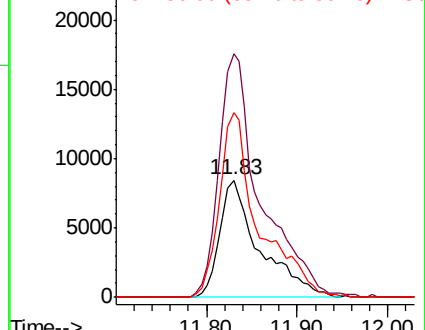
56 157.5 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.888 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

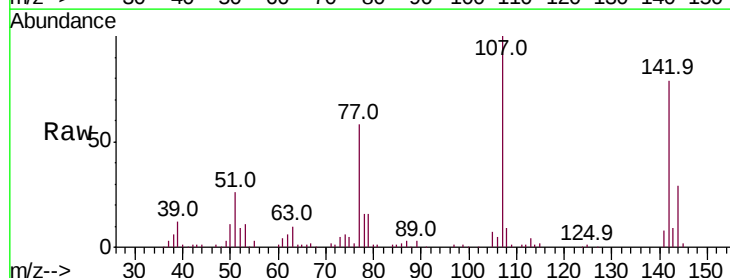
Tgt Ion:107 Resp: 78820

Ion Ratio Lower Upper

107 100

144 28.7 20.1 30.1

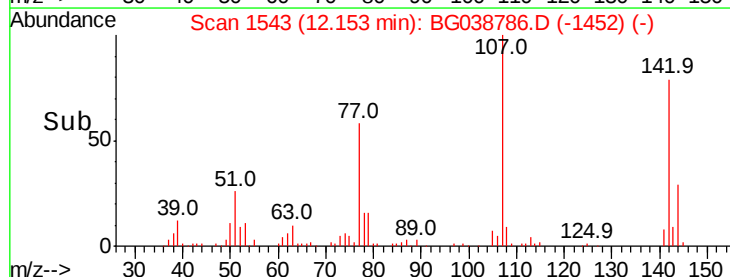
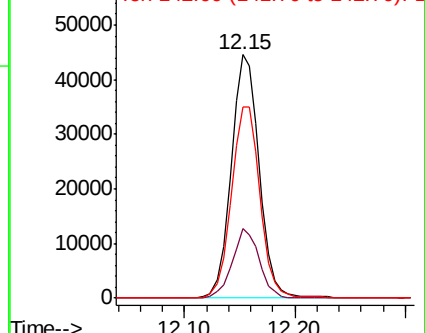
142 78.6 58.7 88.1

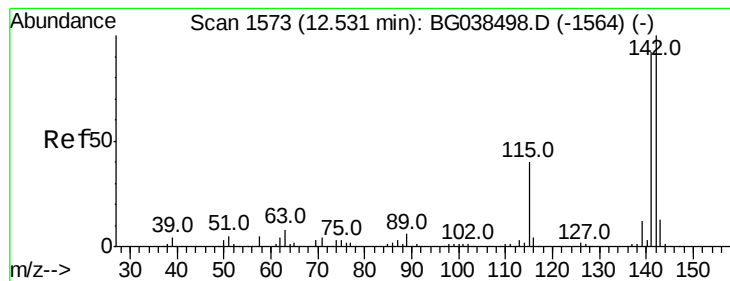


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

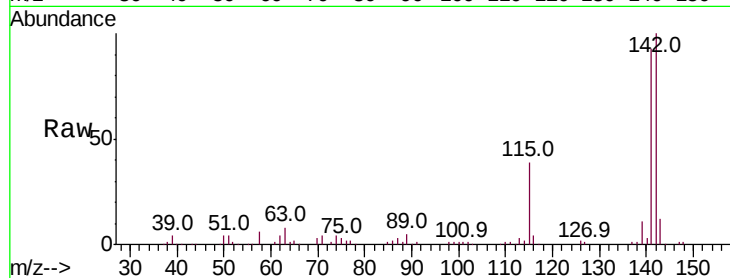




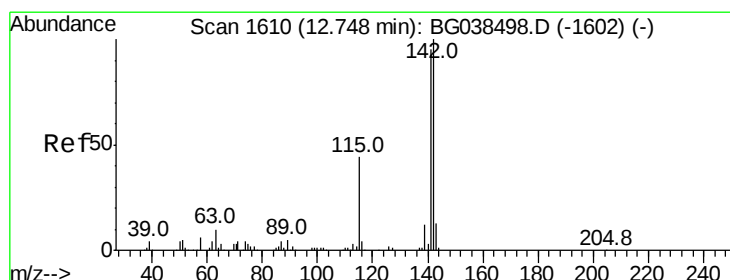
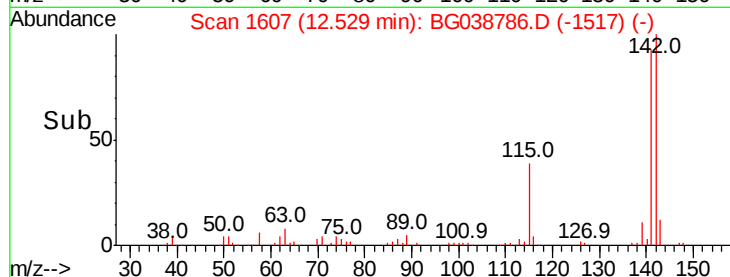
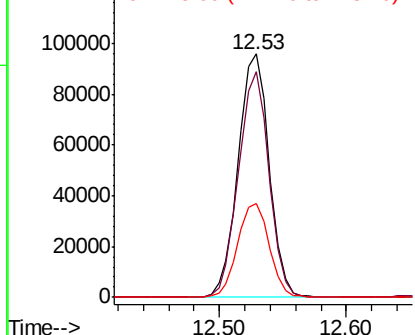
#37
 2-Methylnaphthalene
 Concen: 47.550 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Tot Ion:142 Resp: 162782
 Ion Ratio Lower Upper
 142 100
 141 92.8 73.5 110.3
 115 38.8 31.7 47.5

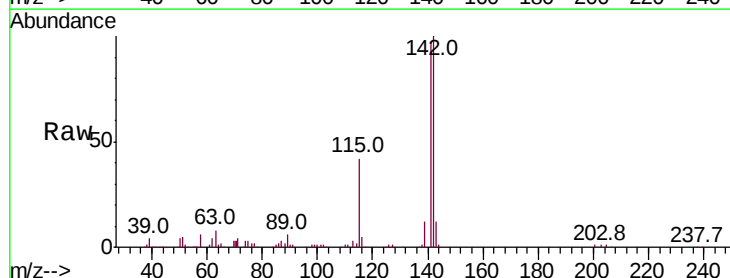


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

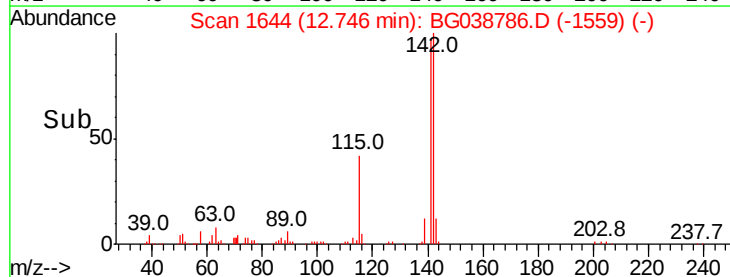
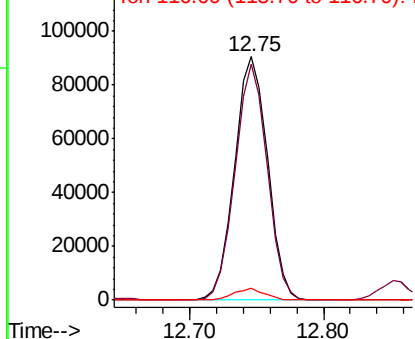


#38
 1-Methylnaphthalene
 Concen: 46.763 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion:142 Resp: 155346
 Ion Ratio Lower Upper
 142 100
 141 97.0 75.8 113.8
 116 4.9 3.6 5.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

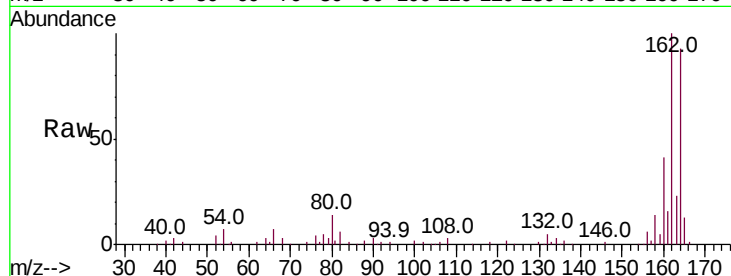
Tot Ion:164 Resp: 68366

Ion Ratio Lower Upper

164 100

162 107.5 86.6 130.0

160 43.6 34.2 51.2

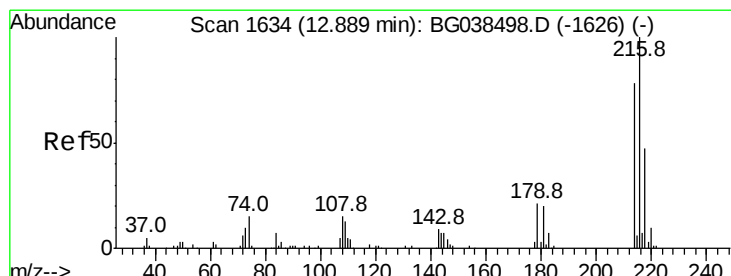
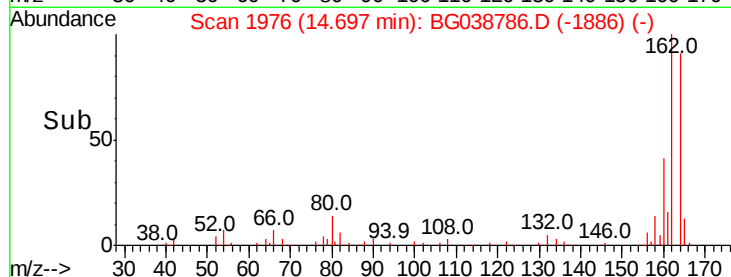
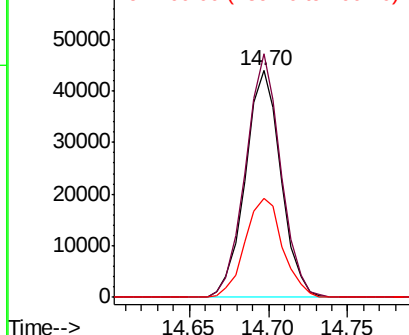


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.697 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Tgt Ion:216 Resp: 98889

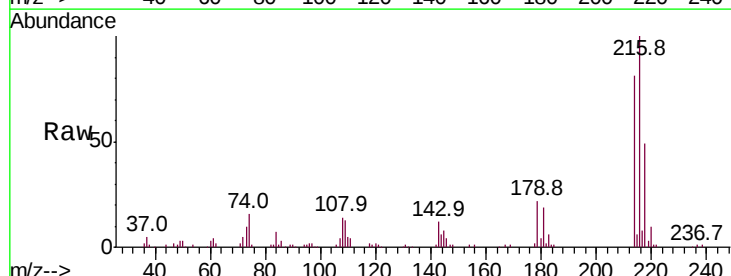
Ion Ratio Lower Upper

216 100

214 78.9 64.1 96.1

179 20.3 16.4 24.6

108 17.3 13.9 20.9



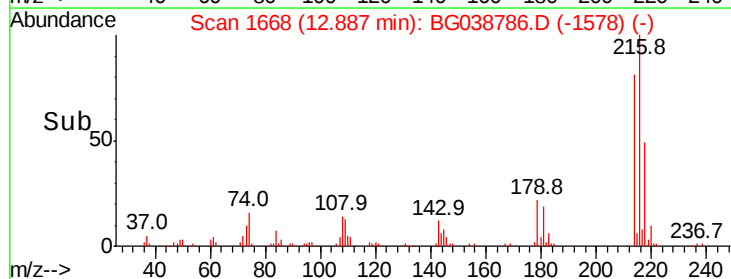
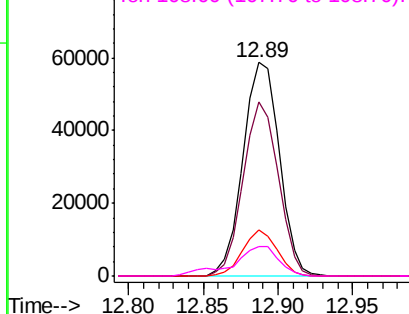
Abundance

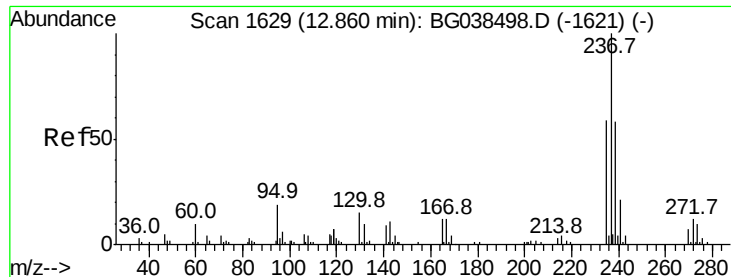
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.483 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

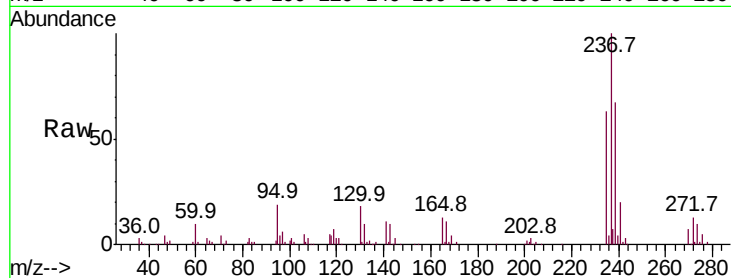
Tot Ion:237 Resp: 107381

Ion Ratio Lower Upper

237 100

235 63.0 38.8 78.8

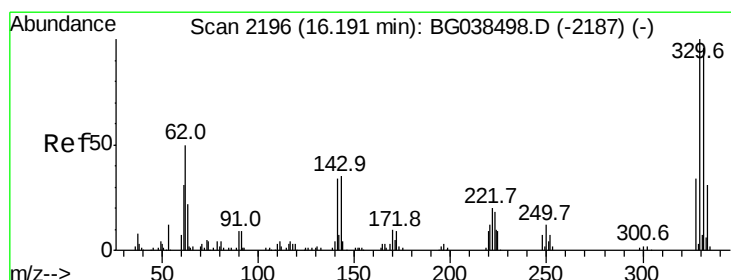
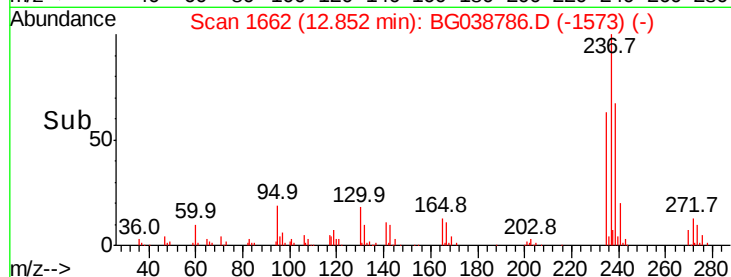
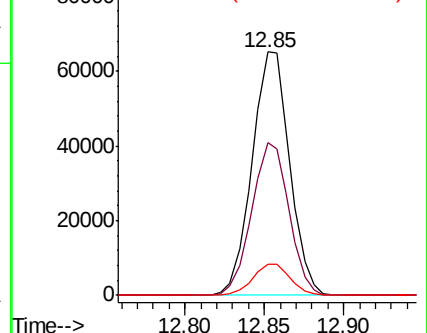
272 12.9 0.0 32.0



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: 150.518 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

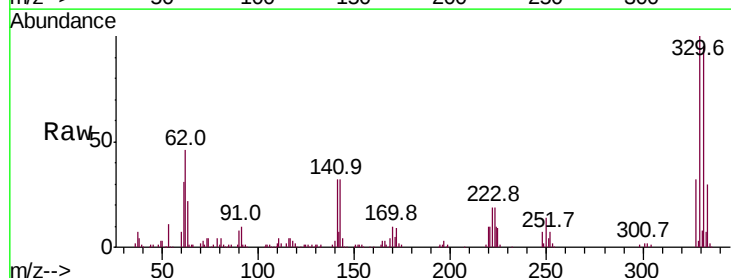
Tgt Ion:330 Resp: 141819

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

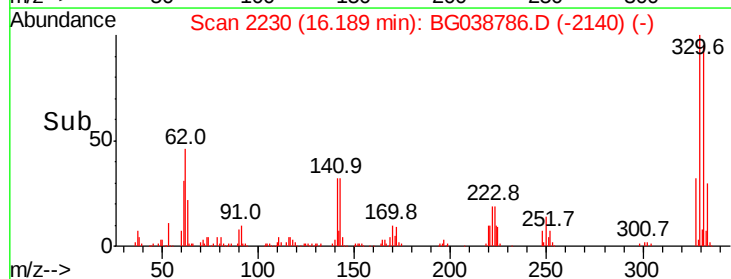
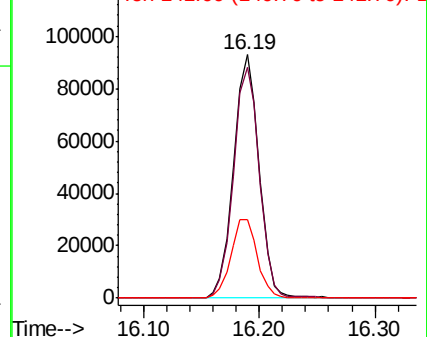
141 33.5 28.8 43.2

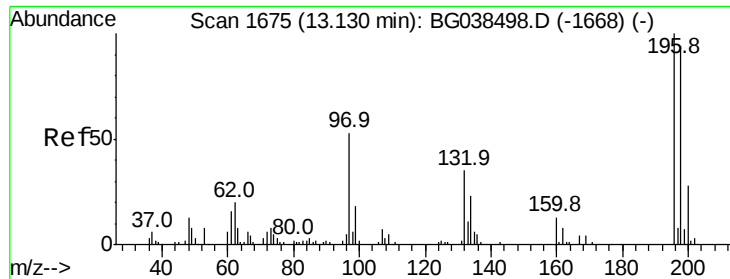


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

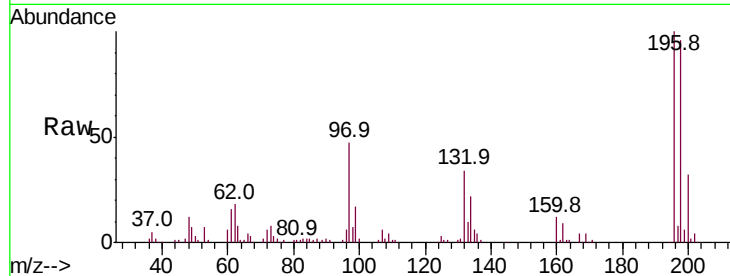




#43
 2,4,6-Trichlorophenol
 Concen: 44.846 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.0	112.4
200	32.4	22.4	33.6

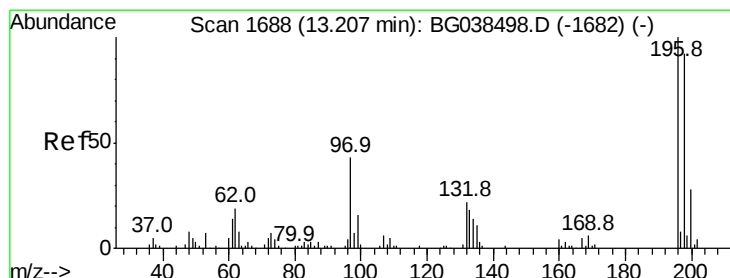
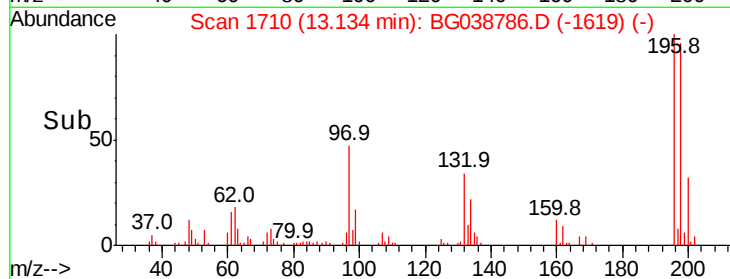
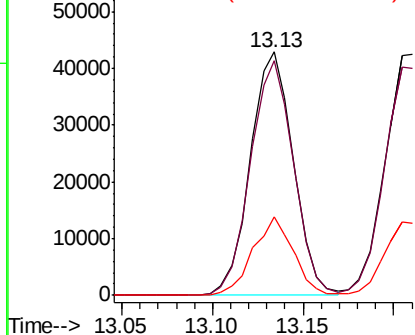


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.719 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.0	111.0
97	40.6	35.1	52.7
132	21.5	18.0	27.0

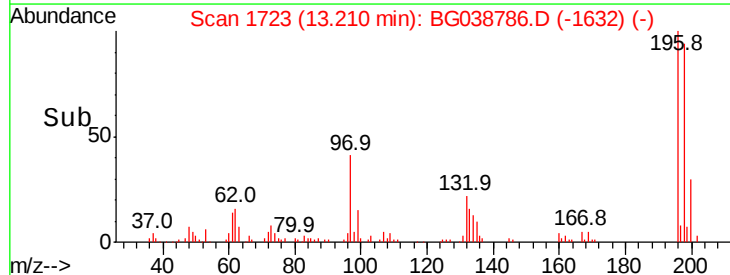
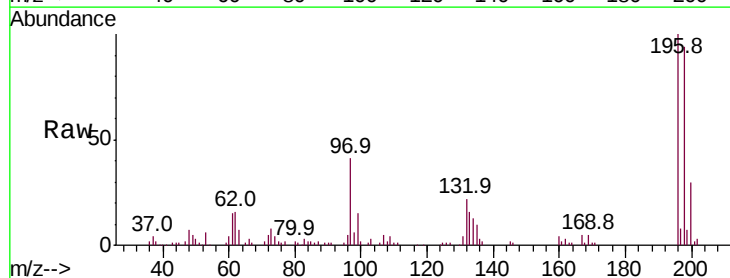
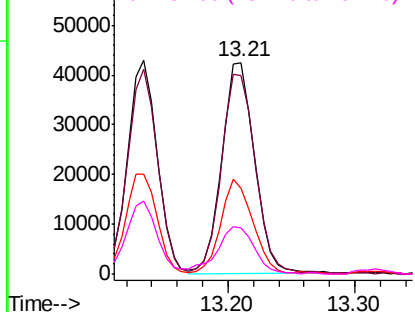
Abundance

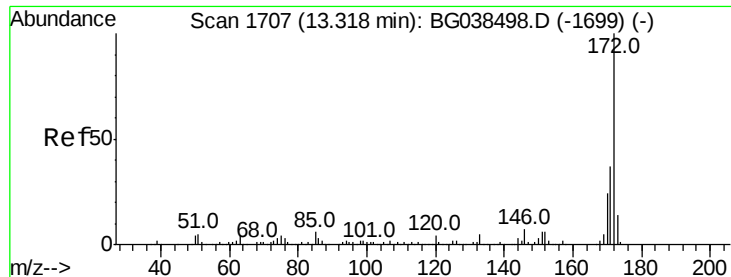
Ion 196.00 (195.70 to 196.70): E

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

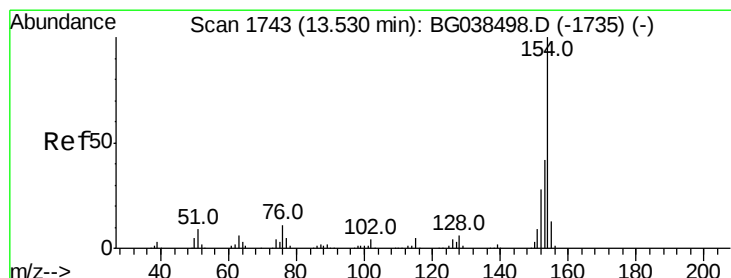
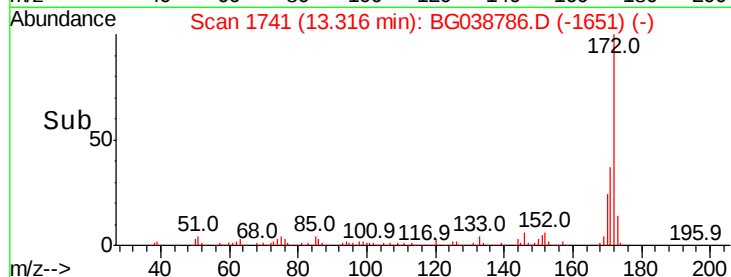
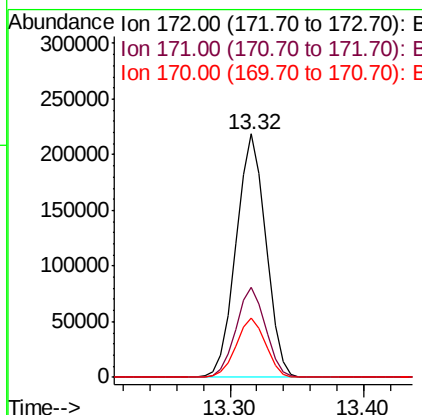
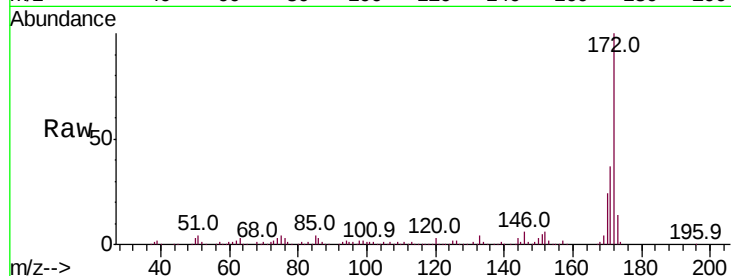




#45
2-Fluorobiphenyl
Concen: 67.696 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

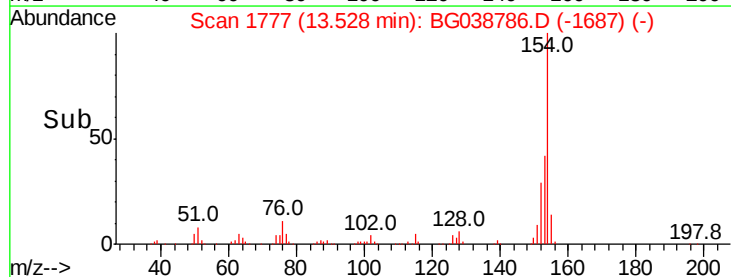
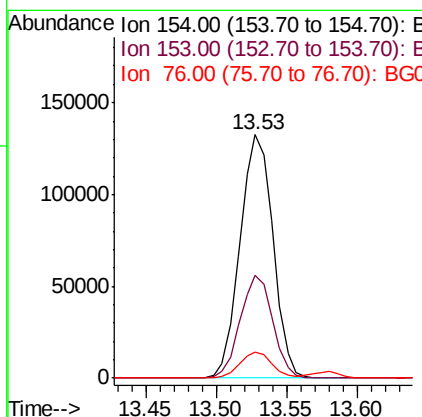
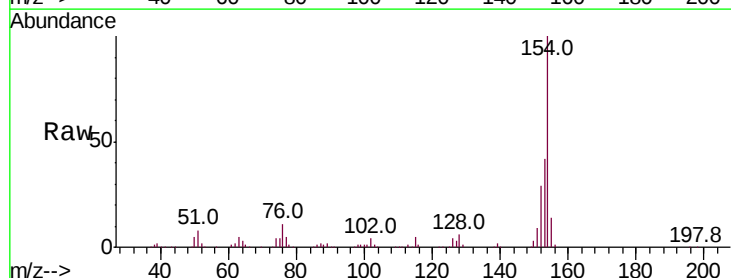
Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion:172 Resp: 337361
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.4 19.5 29.3



#46
1,1'-Biphenyl
Concen: 37.857 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:154 Resp: 216971
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 10.9 0.0 31.2

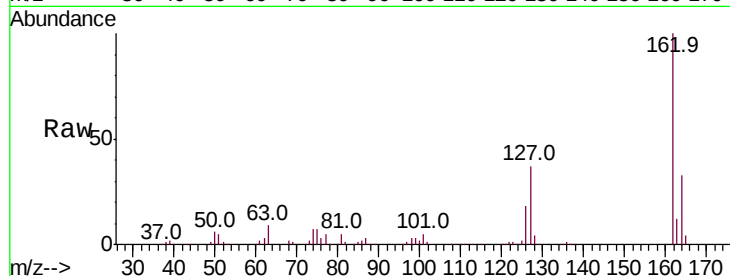




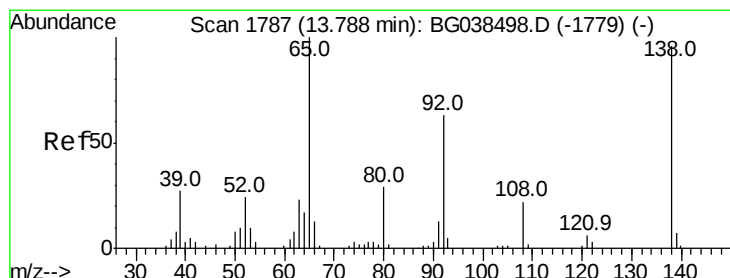
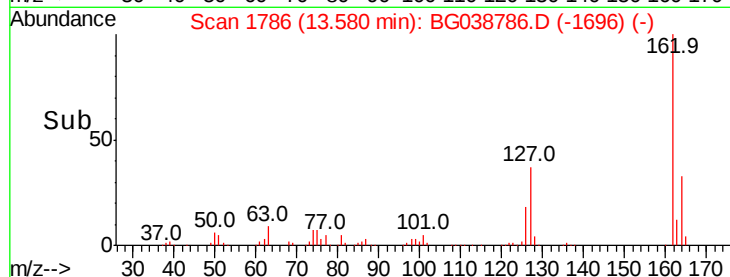
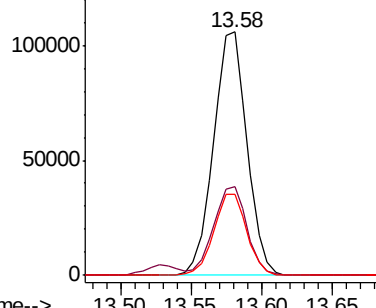
#47
 2-Chloronaphthalene
 Concen: 39.719 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	27.8	41.8
164	33.2	26.9	40.3

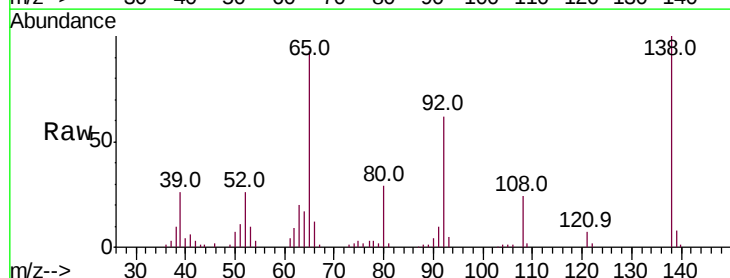


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

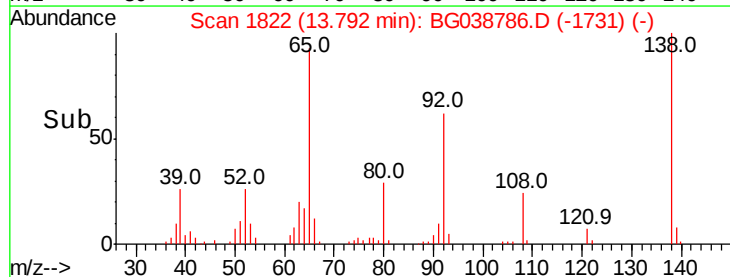
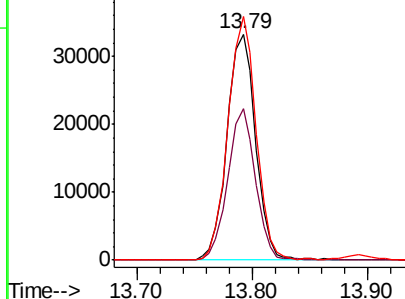


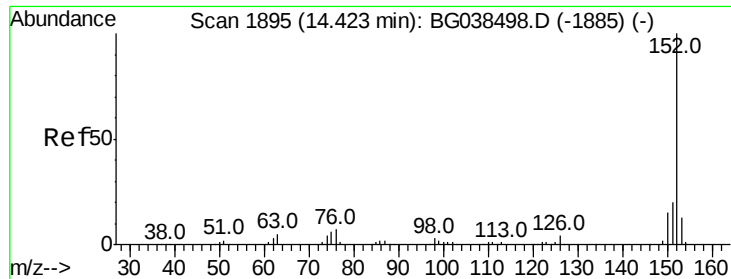
#48
 2-Nitroaniline
 Concen: 40.543 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	50.0	75.0
138	107.8	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: 43.870 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

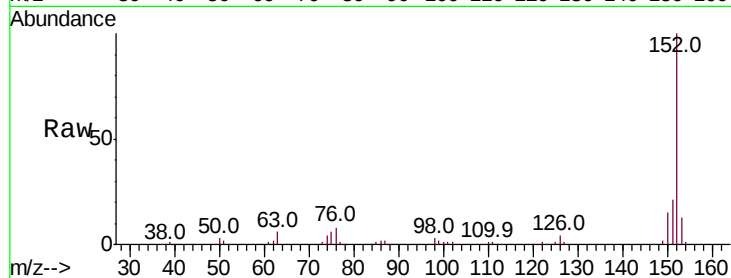
Tot Ion:152 Resp: 290349

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

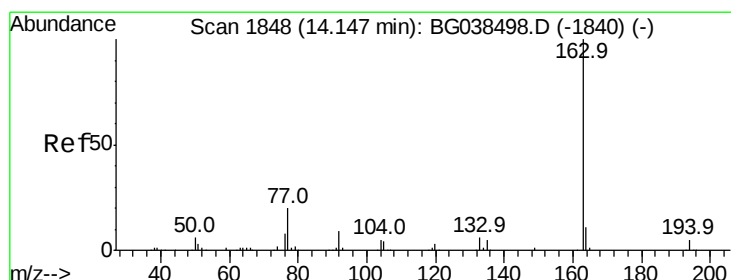
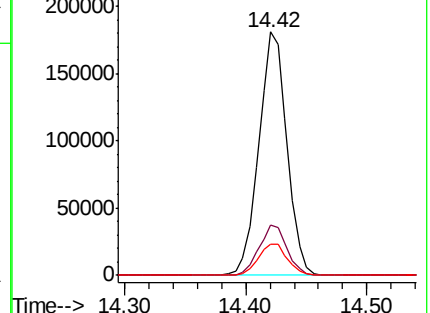
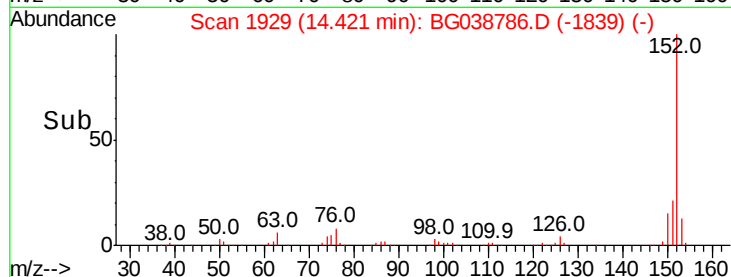
153 12.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.789 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

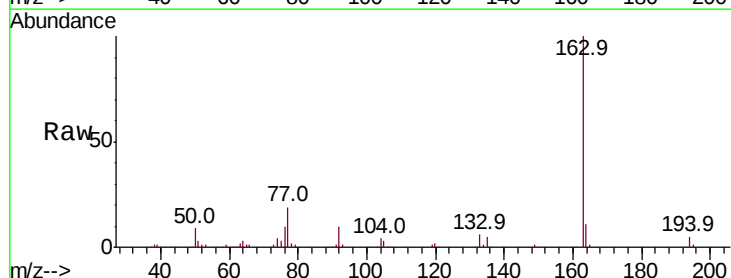
Tgt Ion:163 Resp: 227723

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

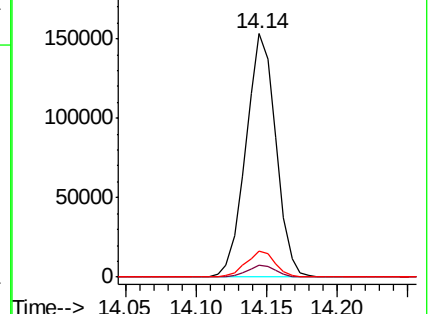
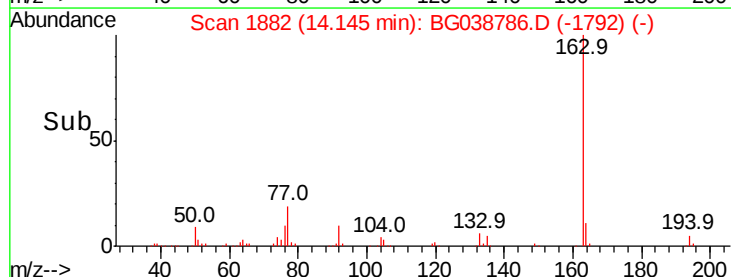
164 10.6 8.6 12.8

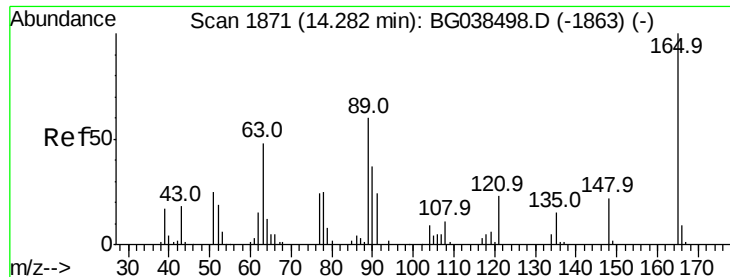


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.891 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

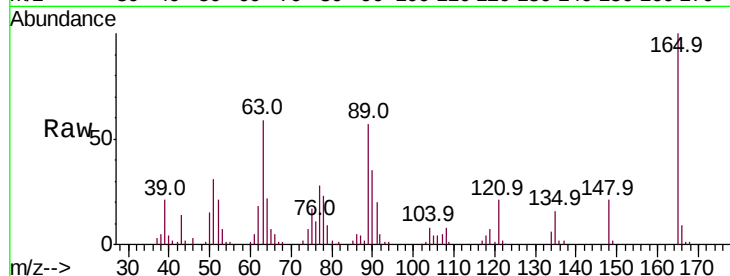
Tot Ion:165 Resp: 51736

Ion Ratio Lower Upper

165 100

63 58.7 51.8 77.6

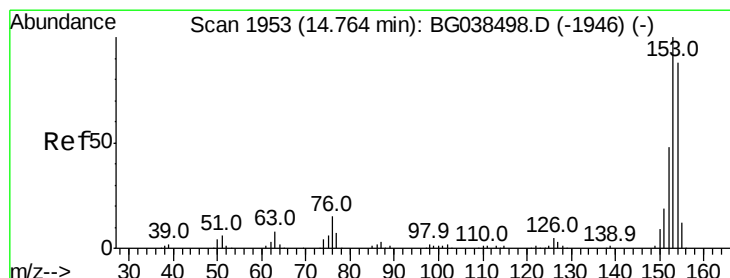
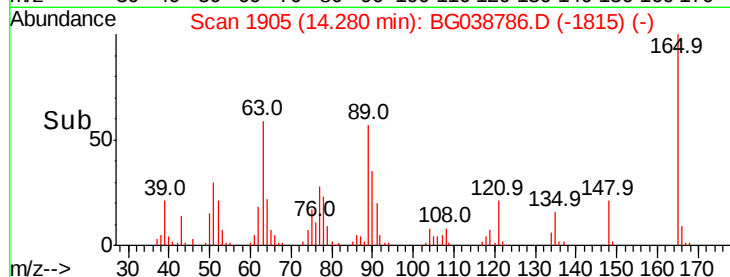
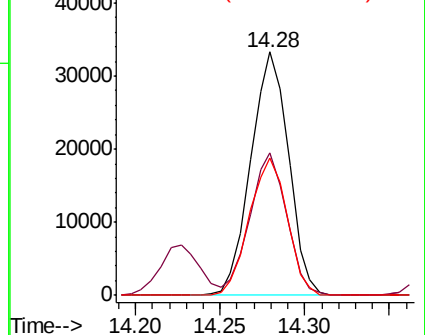
89 56.7 47.9 71.9



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: 42.141 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

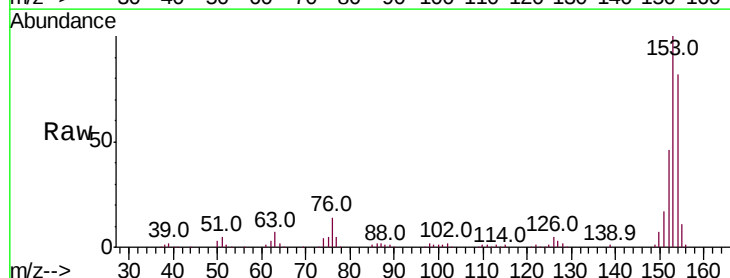
Tgt Ion:154 Resp: 166775

Ion Ratio Lower Upper

154 100

153 121.3 90.6 136.0

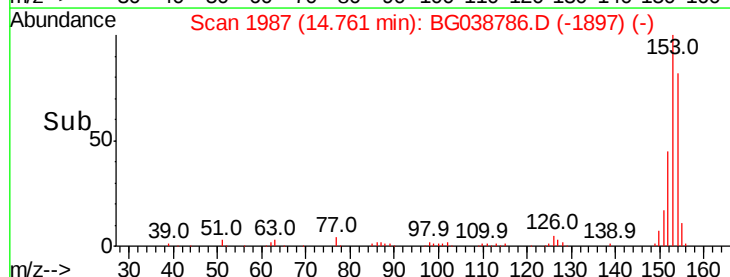
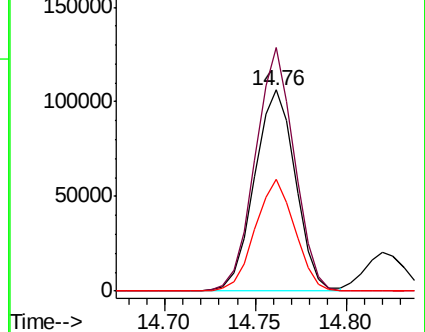
152 55.6 43.5 65.3

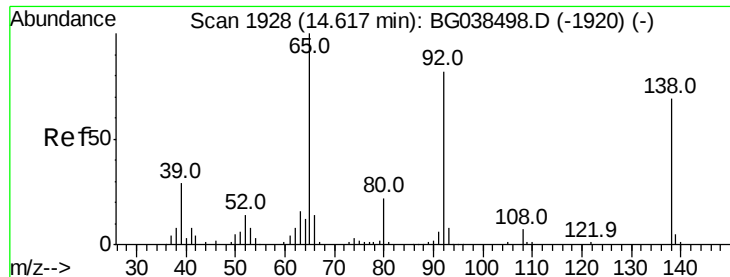


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

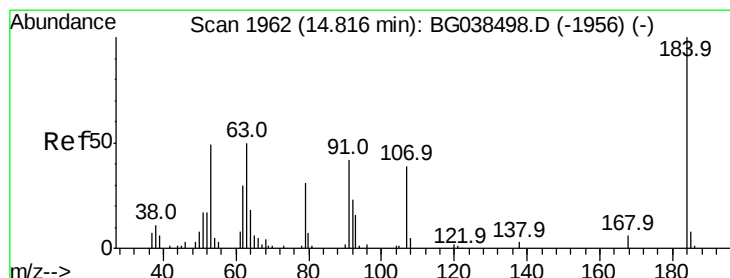
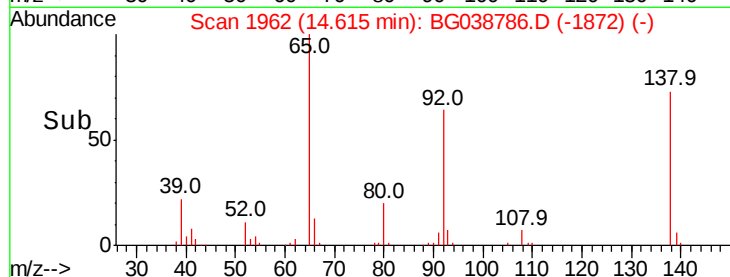
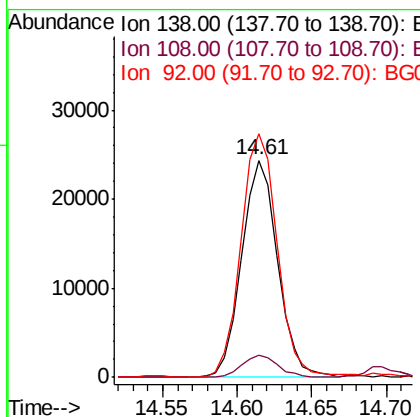
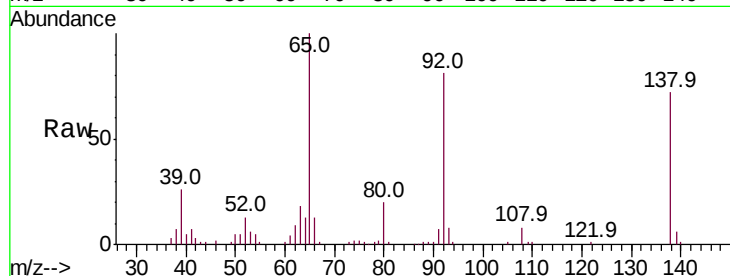




#53
3-Nitroaniline
Concen: 31.540 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

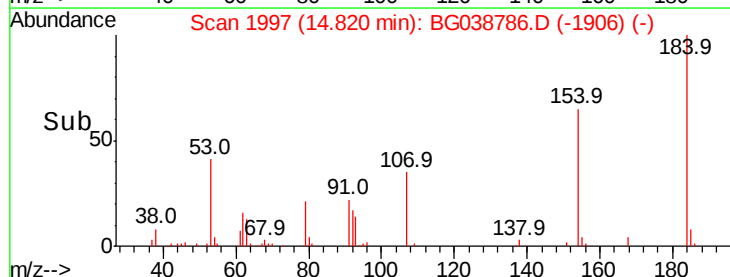
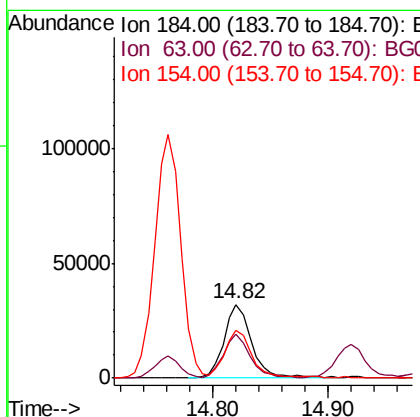
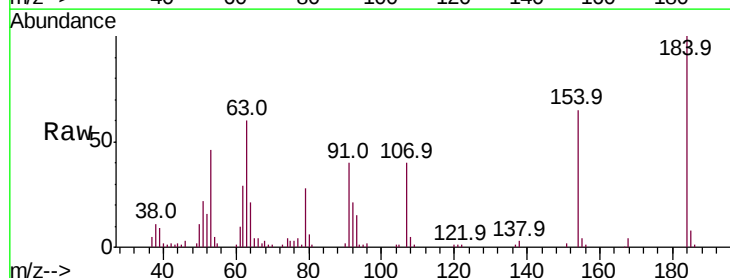
Instrument :
BNA_G
ClientSampleId :
PB115904BS

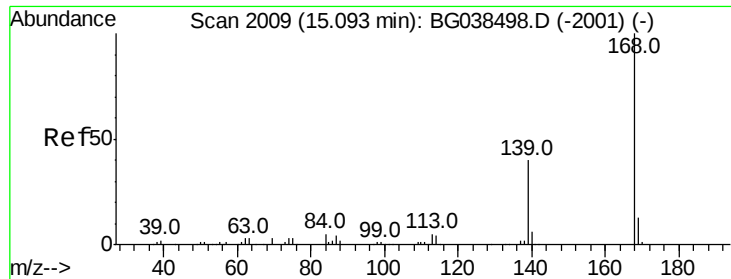
Tot Ion:138 Resp: 40678
Ion Ratio Lower Upper
138 100
108 10.4 7.9 11.9
92 112.0 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 71.284 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:184 Resp: 53208
Ion Ratio Lower Upper
184 100
63 59.7 47.0 70.6
154 64.6 50.3 75.5





#55

Dibenzofuran

Concen: 41.779 ng

RT: 15.09 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

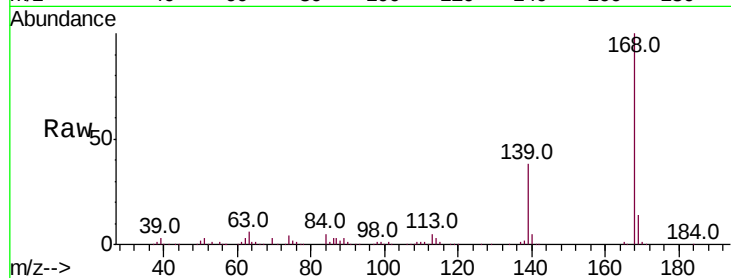
Tot Ion:168 Resp: 283420

Ion Ratio Lower Upper

168 100

139 37.9 32.2 48.2

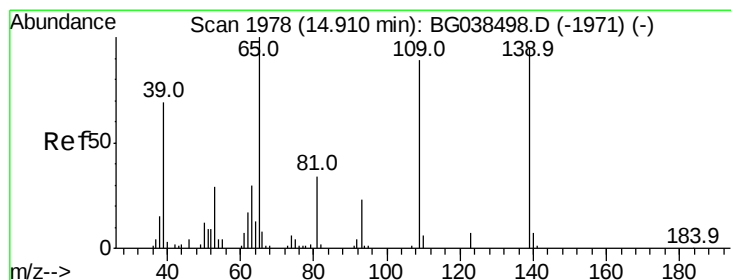
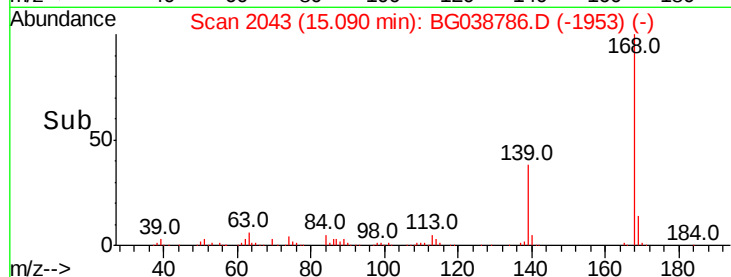
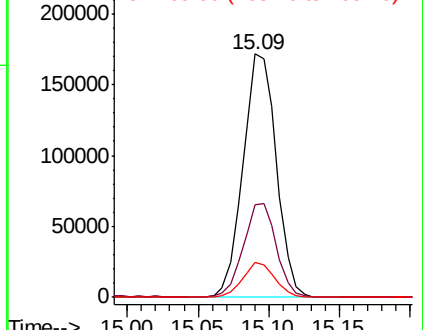
169 14.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.273 ng

RT: 14.92 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

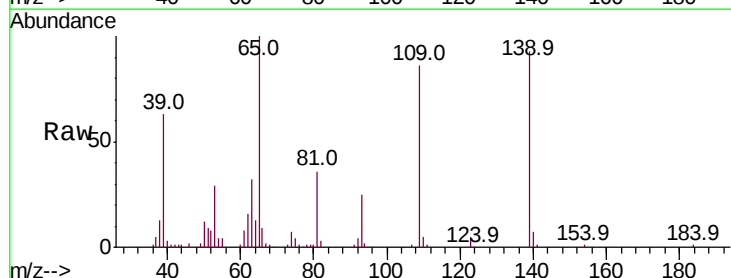
Tgt Ion:139 Resp: 81476

Ion Ratio Lower Upper

139 100

109 91.6 73.6 113.6

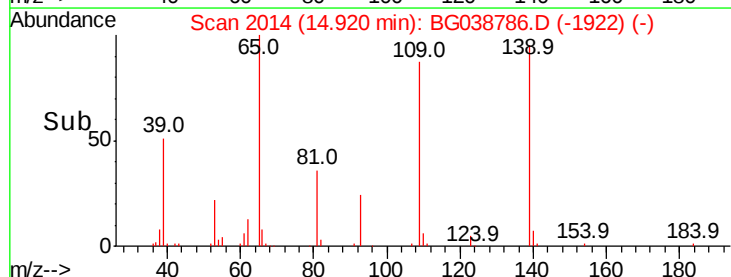
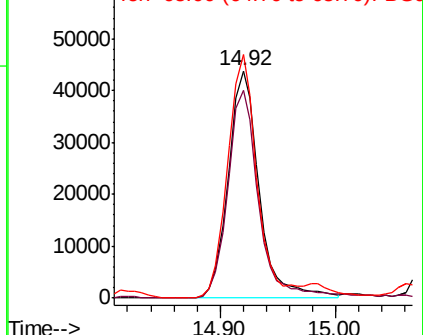
65 107.1 84.8 124.8

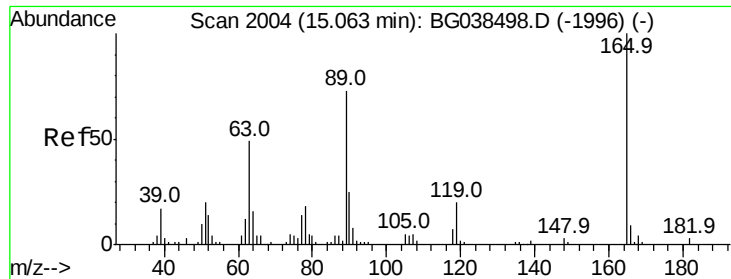


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

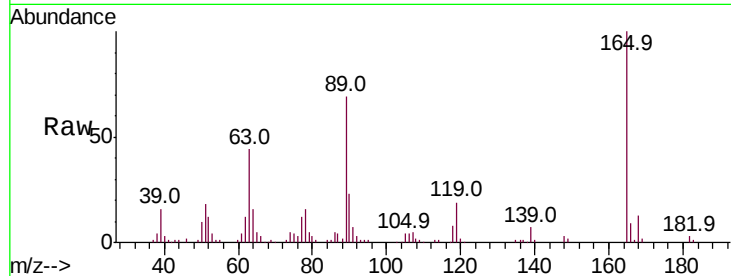




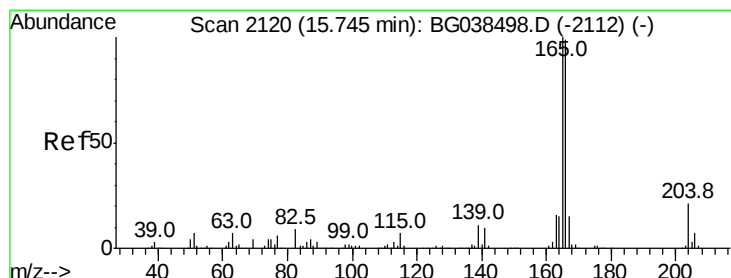
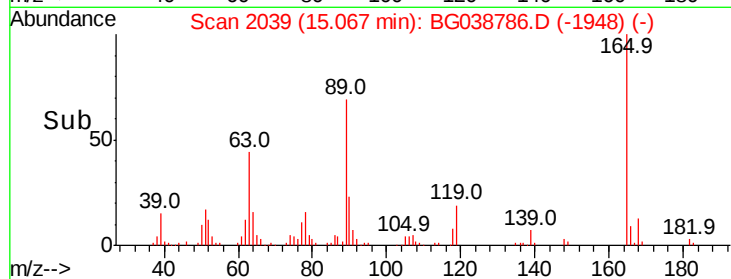
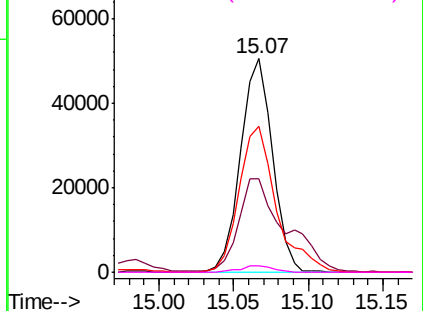
#57
2,4-Dinitrotoluene
Concen: 42.069 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion:165 Resp: 74966
Ion Ratio Lower Upper
165 100
63 43.9 39.0 58.4
89 68.6 58.0 87.0
182 2.8 2.3 3.5

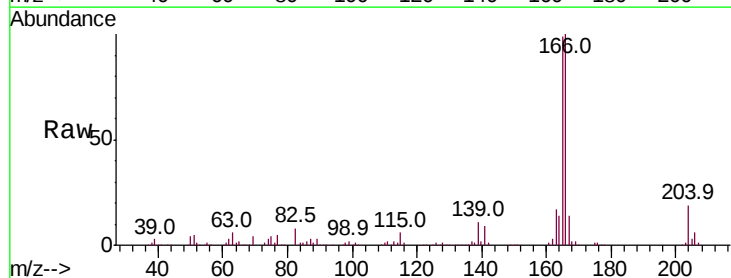


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

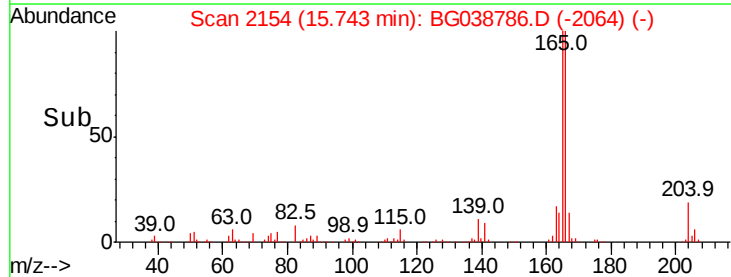
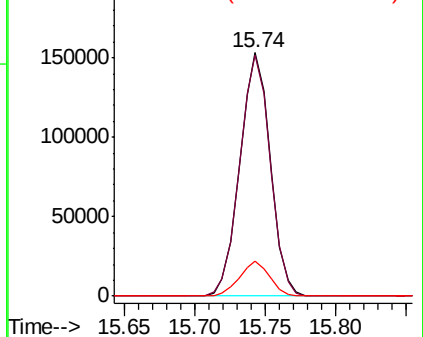


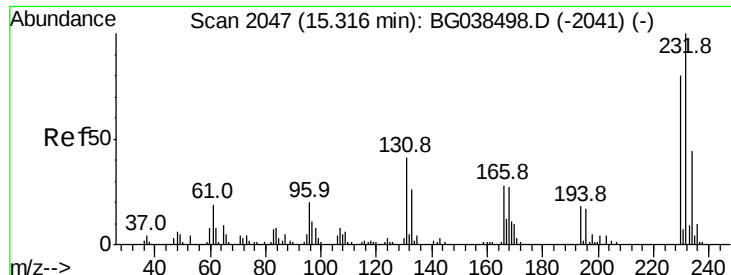
#58
Fluorene
Concen: 45.866 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:166 Resp: 230523
Ion Ratio Lower Upper
166 100
165 99.0 80.6 120.8
167 14.2 12.0 18.0



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

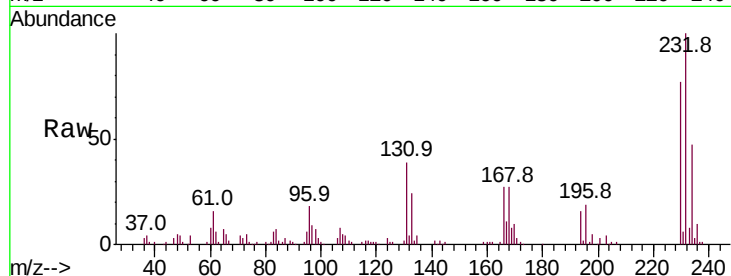




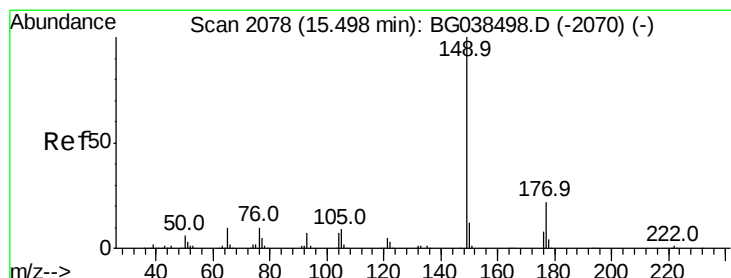
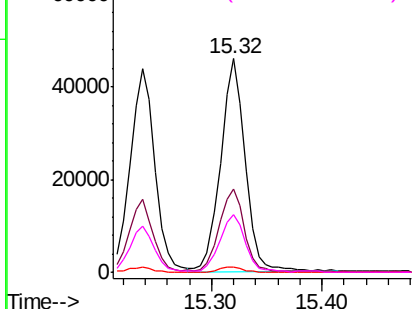
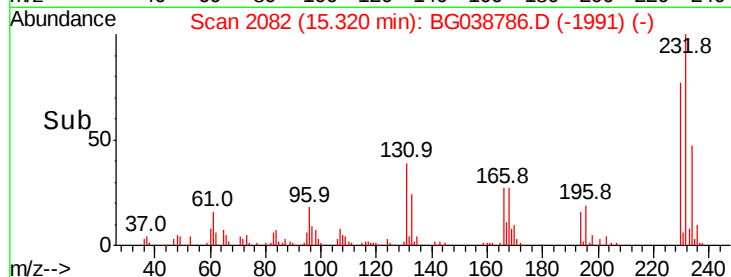
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.854 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Instrument :
BNA_G
ClientSampleId :
PB115904BS

Tot Ion:232 Resp: 71626
Ion Ratio Lower Upper
232 100
131 39.1 33.0 49.4
130 2.2 2.0 3.0
166 27.9 23.1 34.7

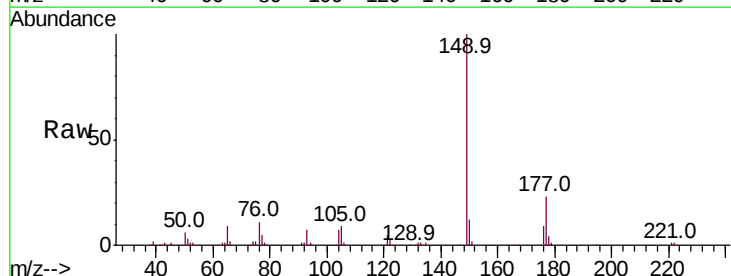


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

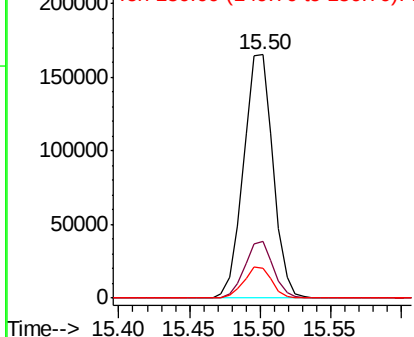
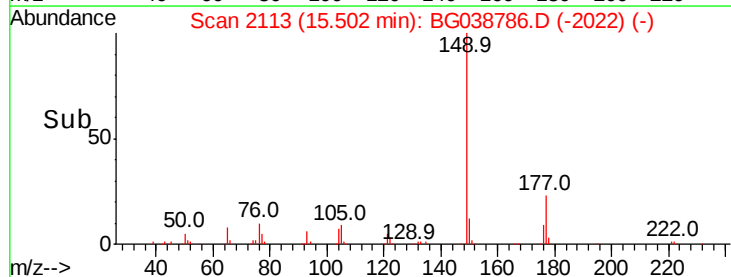


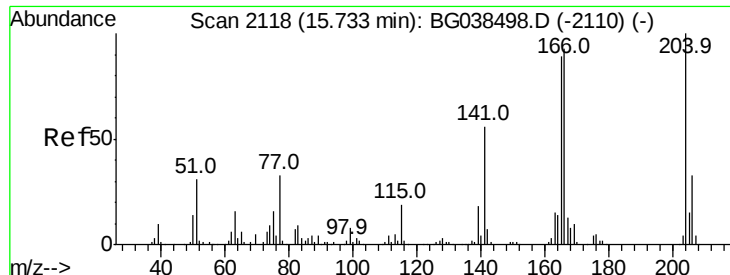
#60
Diethylphthalate
Concen: 39.422 ng
RT: 15.50 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:149 Resp: 241615
Ion Ratio Lower Upper
149 100
177 23.1 17.7 26.5
150 12.4 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

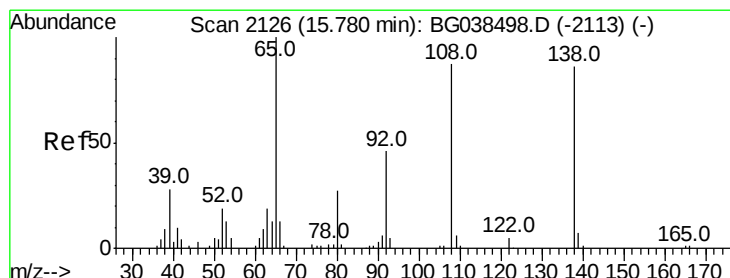
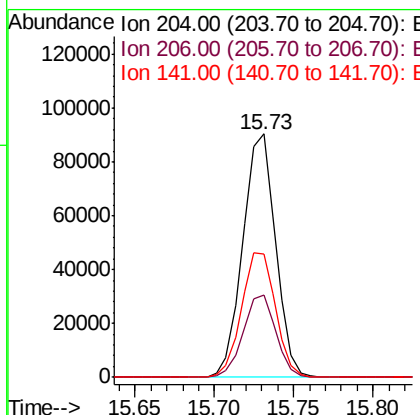
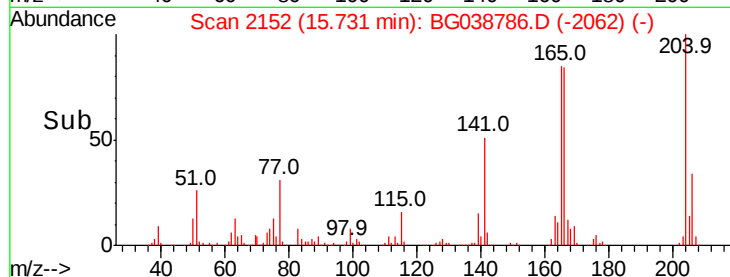
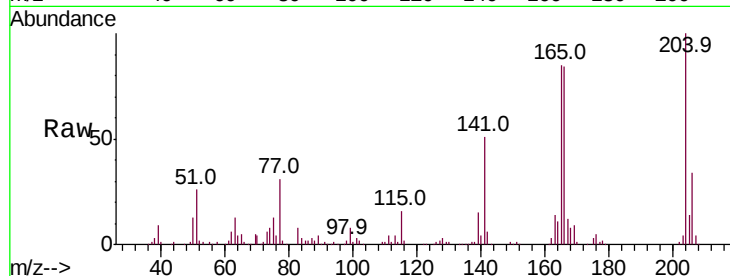




#61
4-Chlorophenyl-phenylether
Concen: 41.370 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

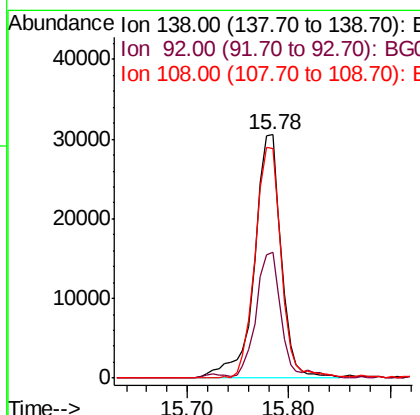
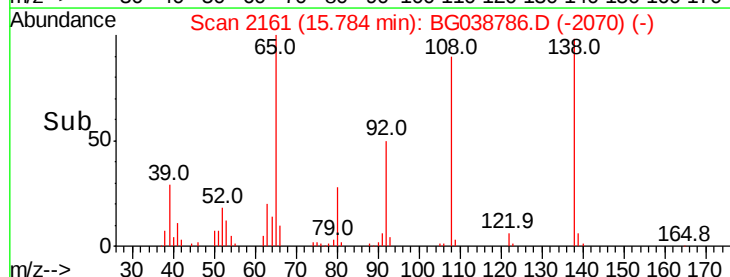
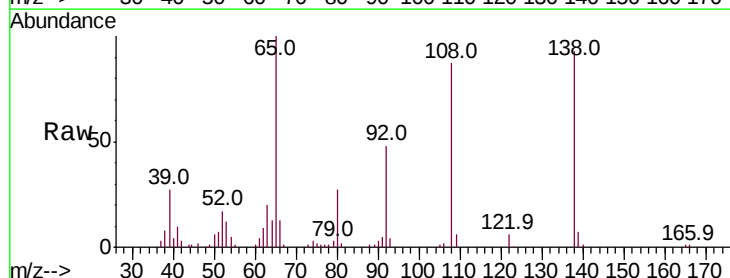
Instrument :
BNA_G
ClientSampleId :
PB115904BS

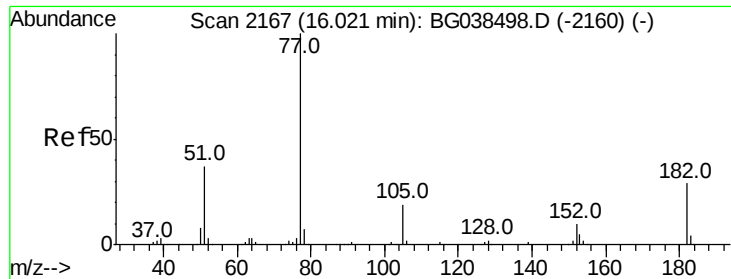
Tot Ion:204 Resp: 129733
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 50.6 44.4 66.6



#62
4-Nitroaniline
Concen: 42.251 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:138 Resp: 56101
Ion Ratio Lower Upper
138 100
92 51.6 33.3 73.3
108 94.4 81.4 121.4





#63

Azobenzene

Concen: 39.928 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

Tot Ion: 77 Resp: 204431

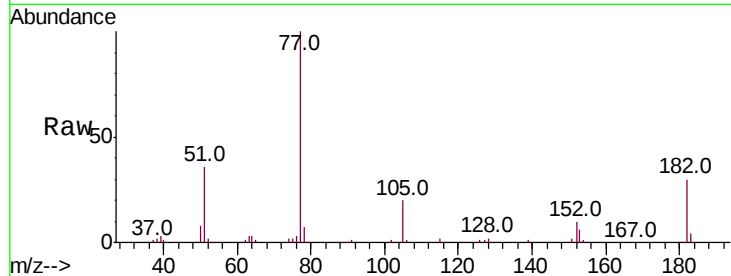
Ion Ratio Lower Upper

77 100

182 30.4 8.7 48.7

105 19.6 0.0 38.7

51 36.2 16.6 56.6

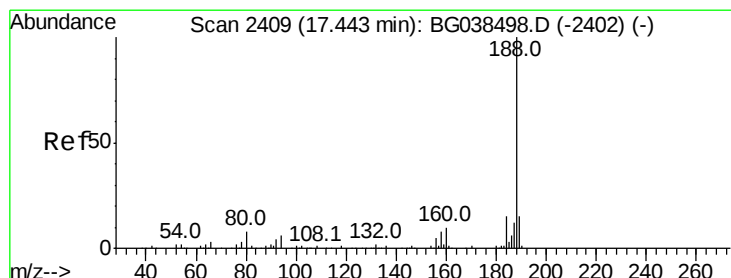
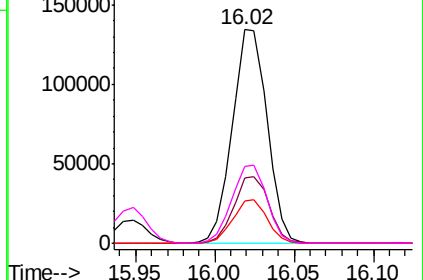
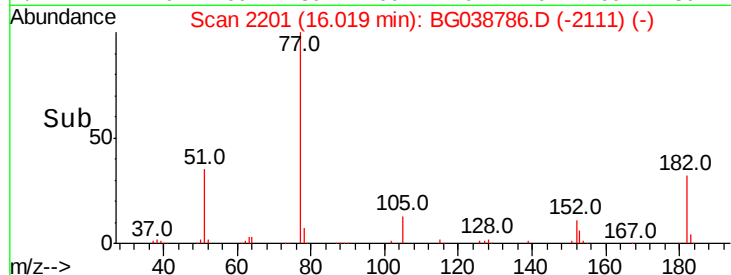


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

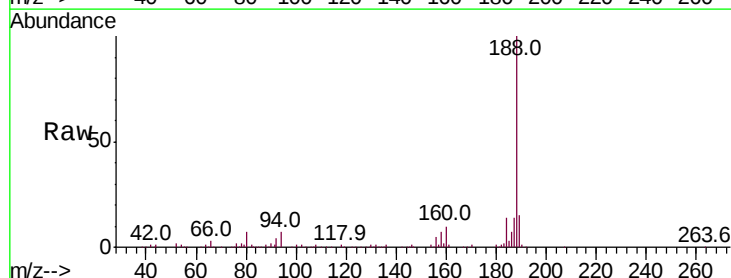
Tgt Ion: 188 Resp: 173322

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

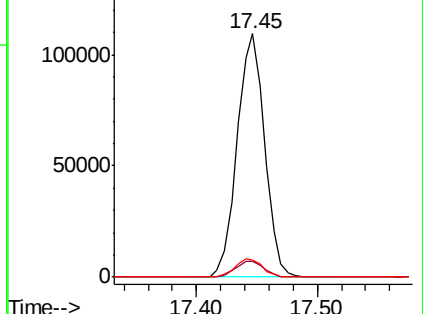
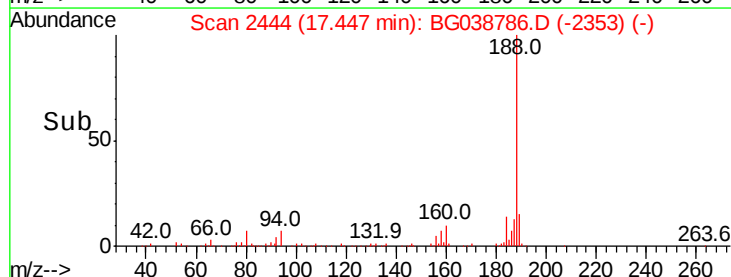
80 6.9 6.1 9.1

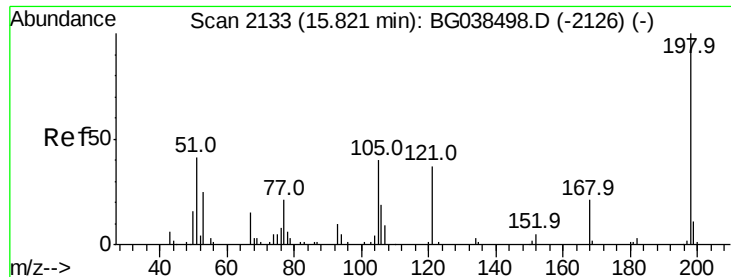


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 36.856 ng

RT: 15.82 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

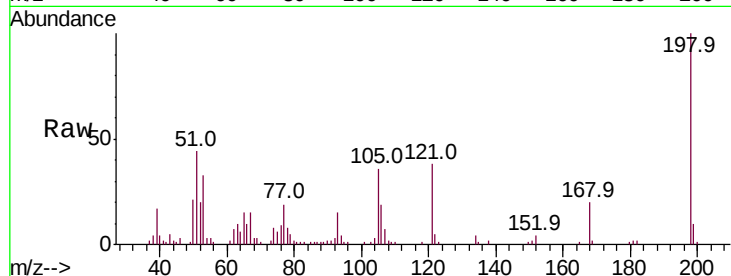
Tot Ion:198 Resp: 45569

Ion Ratio Lower Upper

198 100

51 44.1 28.6 68.6

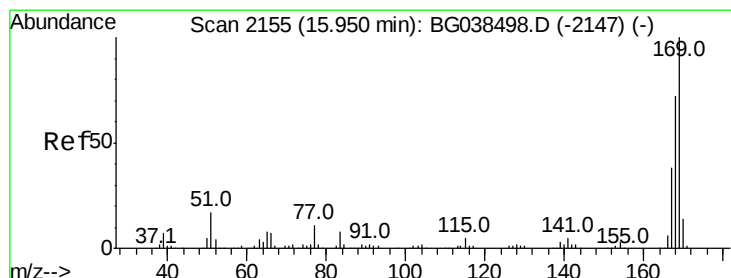
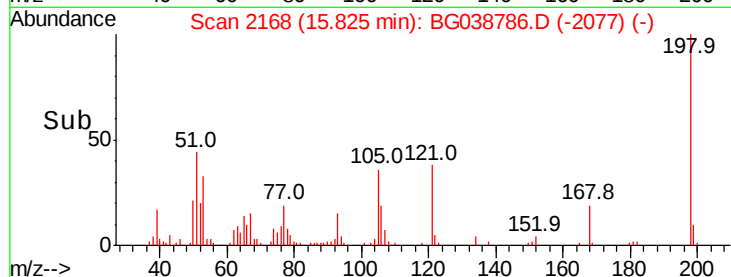
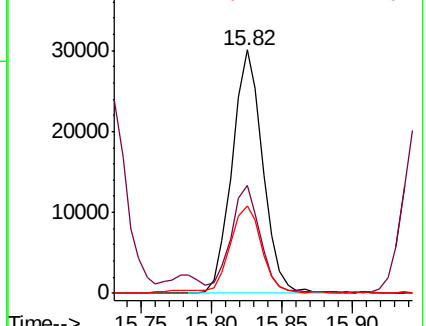
105 36.0 20.4 60.4



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: 42.109 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

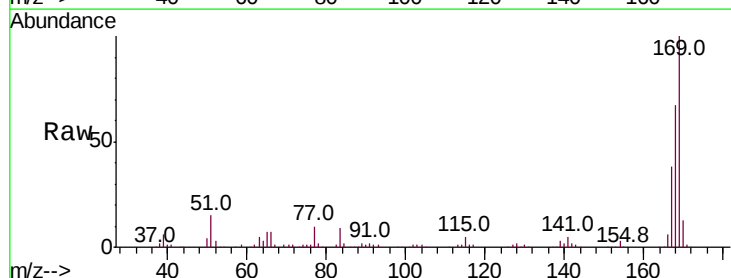
Tgt Ion:169 Resp: 214441

Ion Ratio Lower Upper

169 100

168 67.3 57.5 86.3

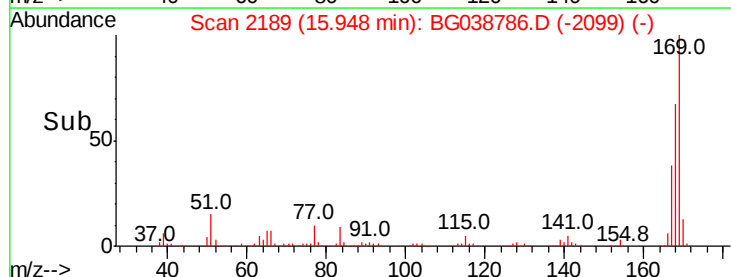
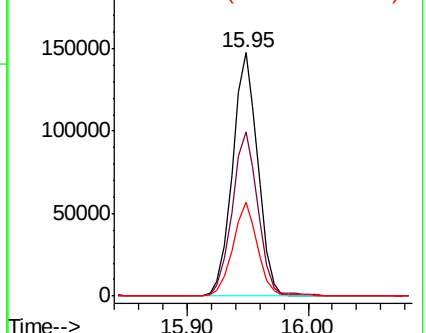
167 38.4 30.2 45.2

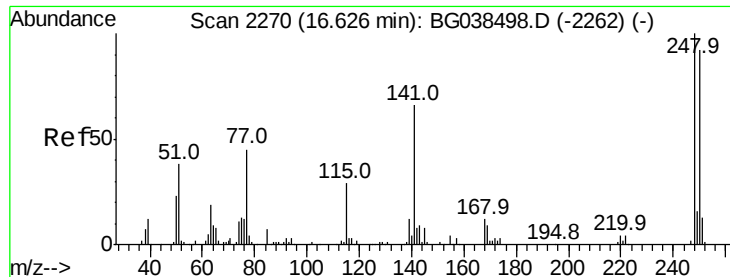


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

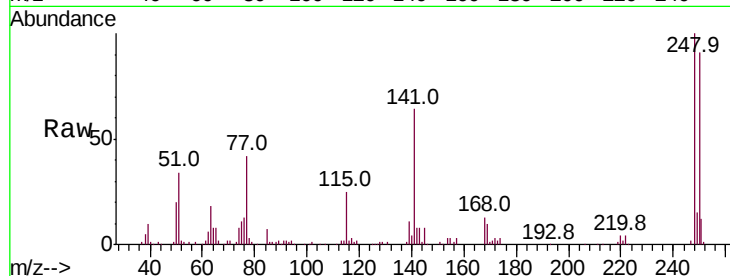




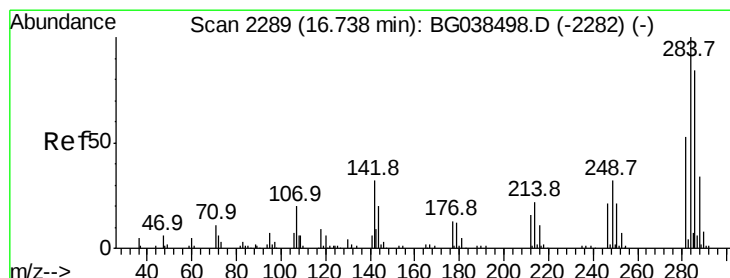
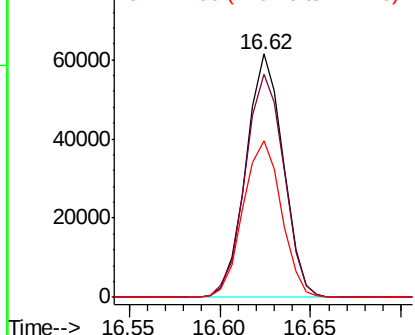
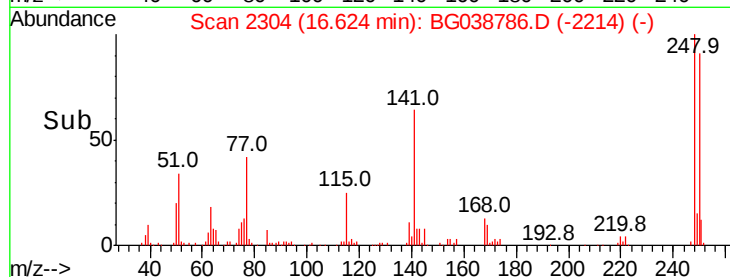
#67
 4-Bromophenyl-phenylether
 Concen: 41.369 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Tot Ion:248 Resp: 87568
 Ion Ratio Lower Upper
 248 100
 250 91.5 73.4 110.2
 141 64.3 52.9 79.3

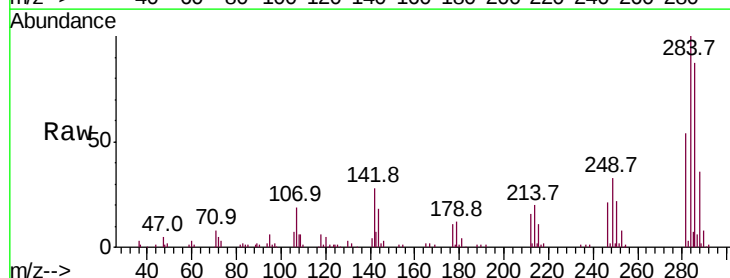


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

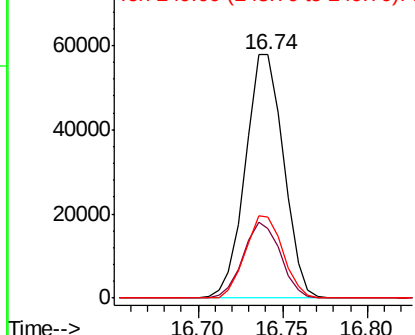
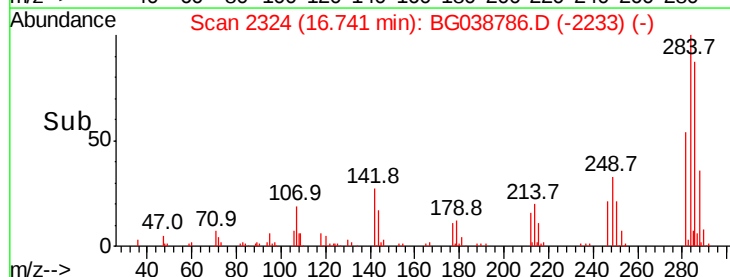


#68
 Hexachlorobenzene
 Concen: 41.599 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion:284 Resp: 91278
 Ion Ratio Lower Upper
 284 100
 142 28.5 25.8 38.6
 249 35.8 27.0 40.4



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

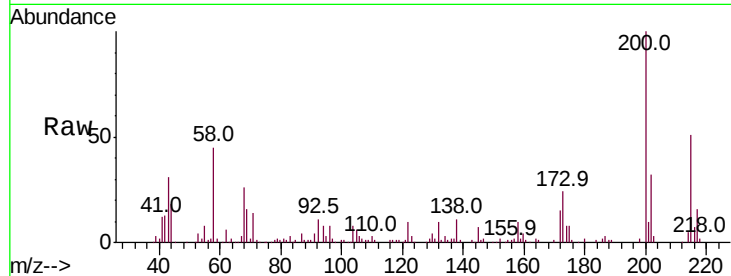




#69
 Atrazine
 Concen: 46.001 ng
 RT: 16.89 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.6	5.9	45.9
215	51.4	33.1	73.1

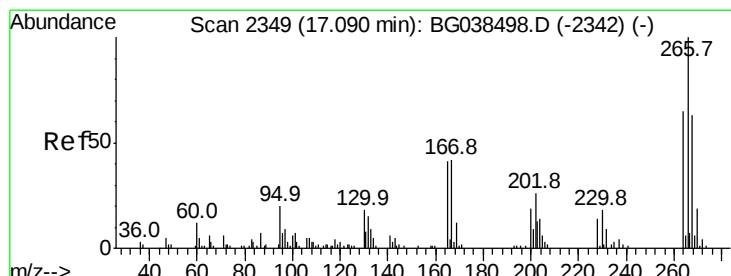
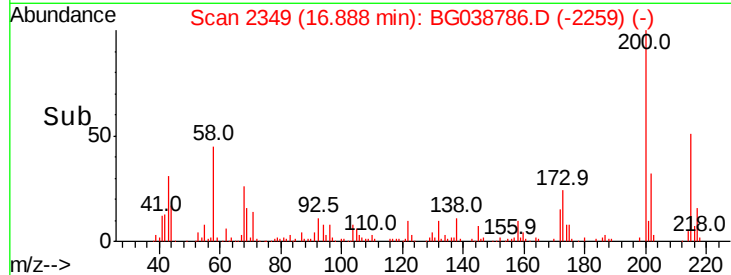
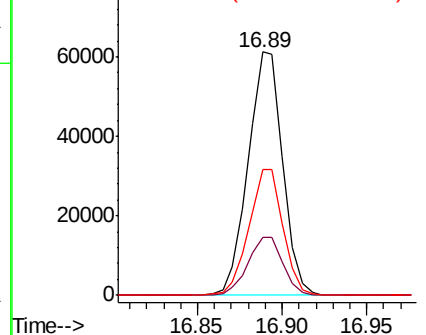


Abundance

Ion 200.00 (199.70 to 200.70): E

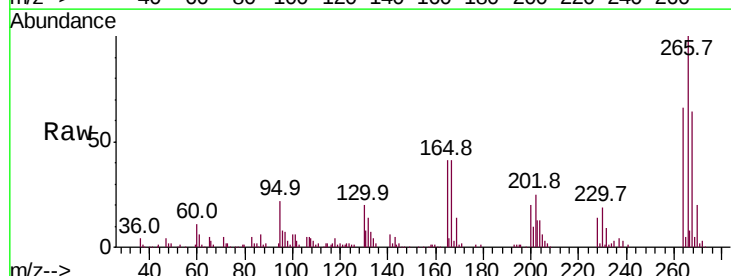
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 79.050 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	55.0	82.6
264	71.3	56.7	85.1

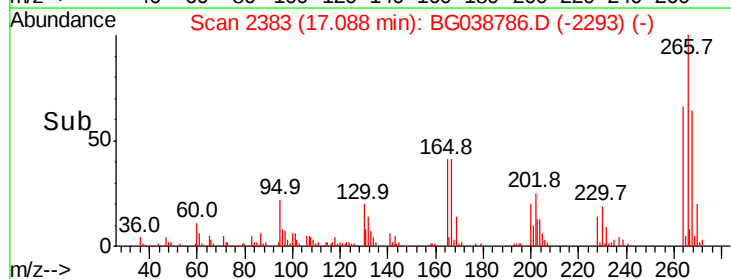
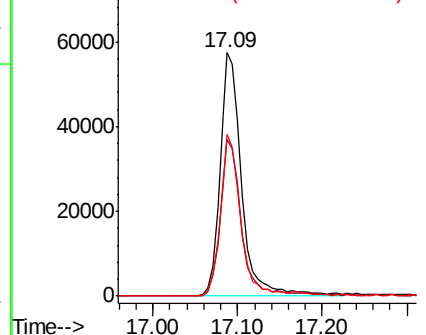


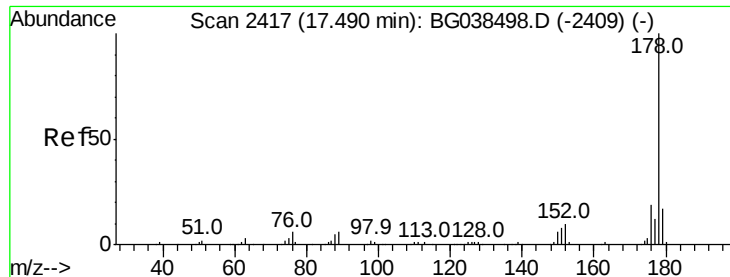
Abundance

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

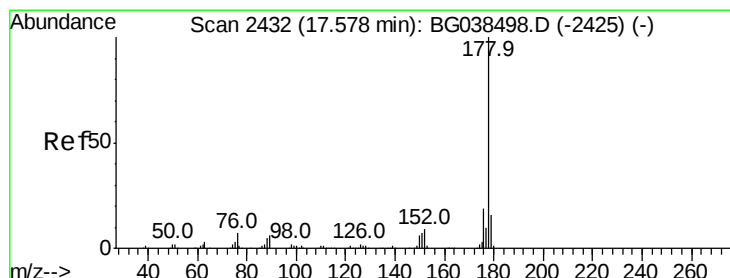
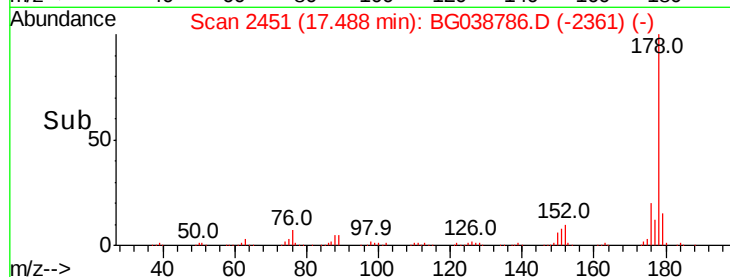
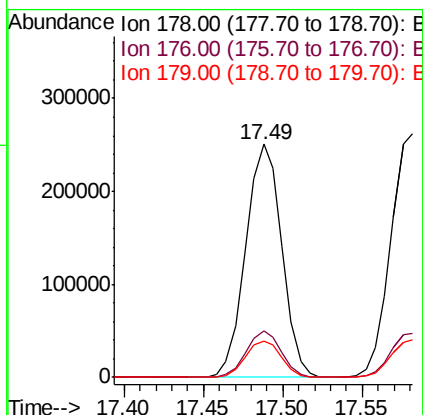
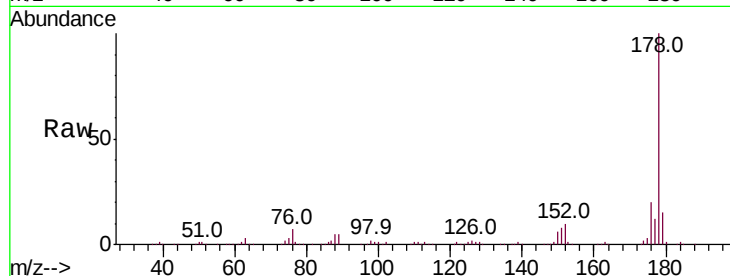




#71
Phenanthrene
Concen: 44.115 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

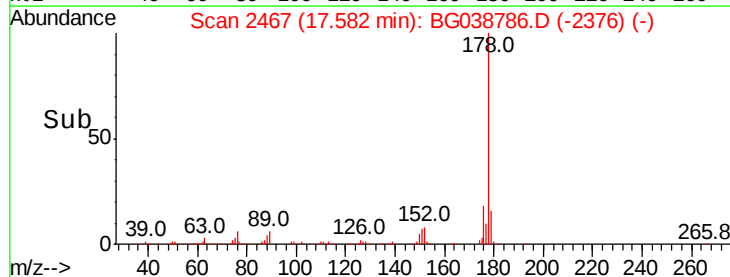
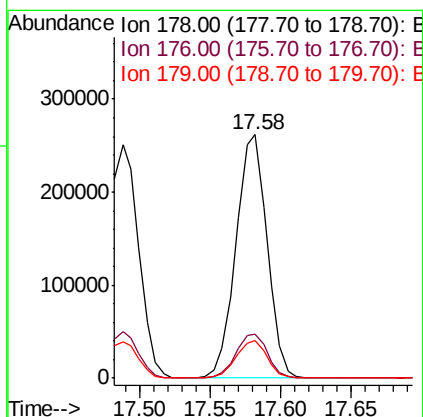
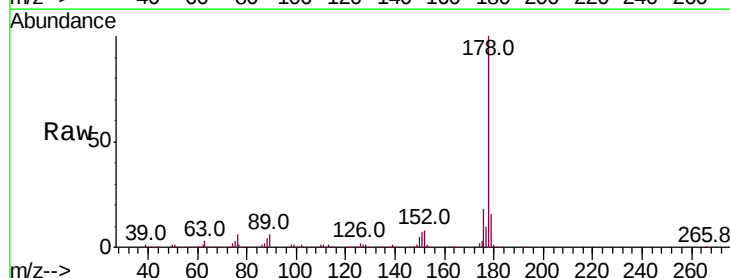
Instrument :
BNA_G
ClientSampleId :
PB115904BS

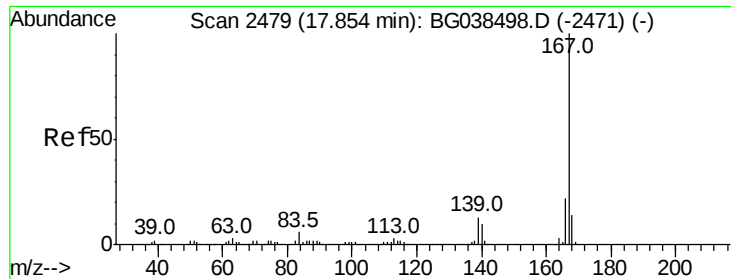
Tot Ion:178 Resp: 396503
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 15.5 13.2 19.8



#72
Anthracene
Concen: 45.387 ng
RT: 17.58 min Scan# 2467
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion:178 Resp: 402720
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 15.7 12.9 19.3

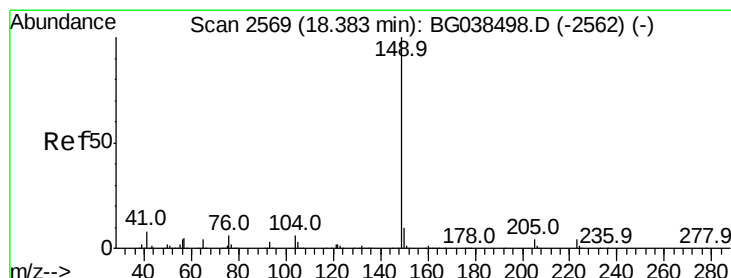
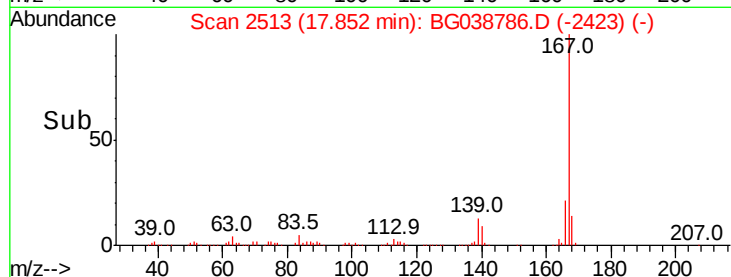
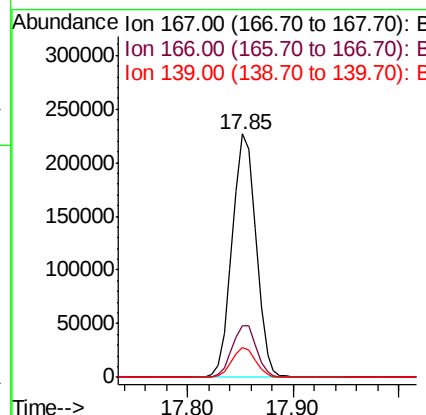
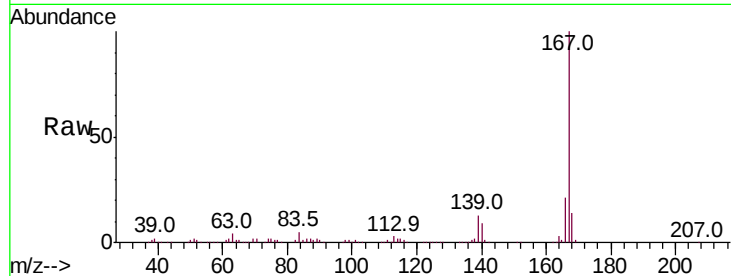




#73
 Carbazole
 Concen: 40.501 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

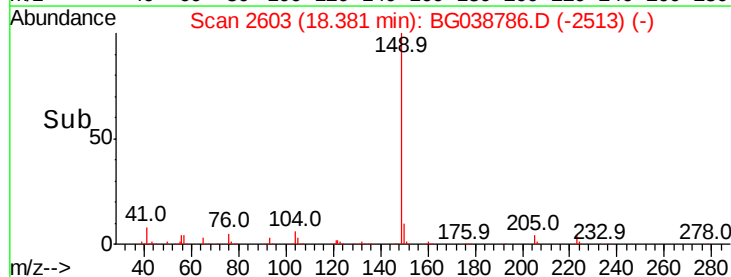
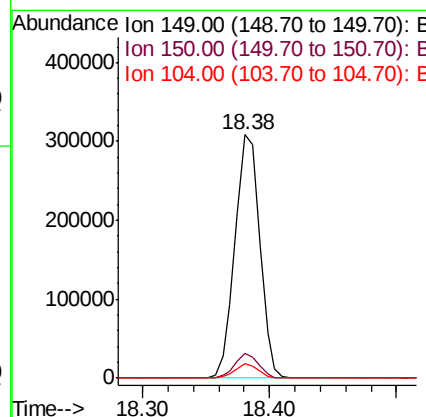
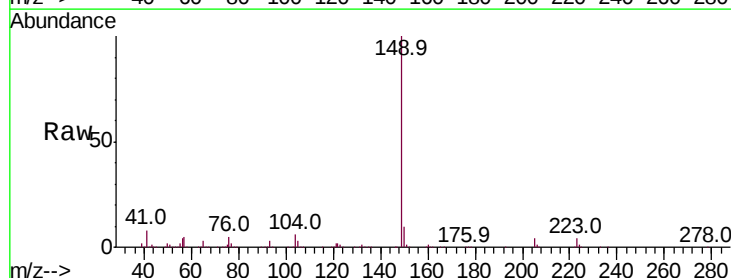
Instrument :
 BNA_G
 ClientSampleId :
 PB115904BS

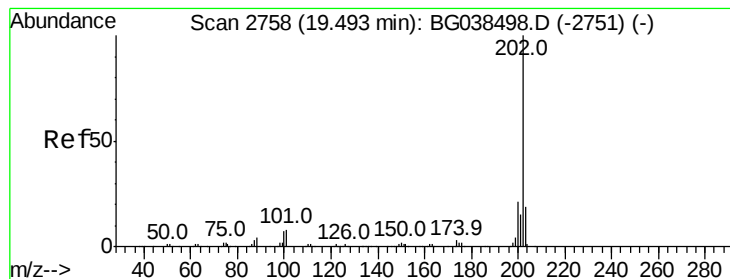
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.9	26.9
139	12.5	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 41.303 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038786.D
 Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	5.7	5.0	7.4





#75

Fluoranthene

Concen: 42.226 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

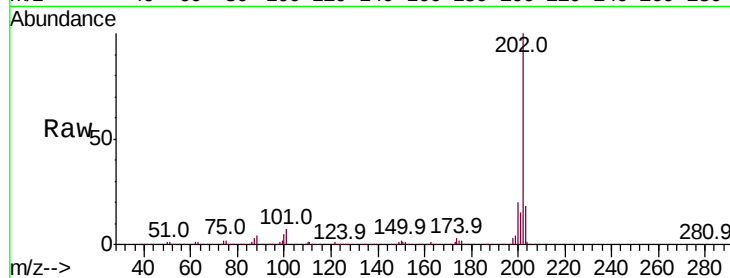
Tot Ion:202 Resp: 469576

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.1

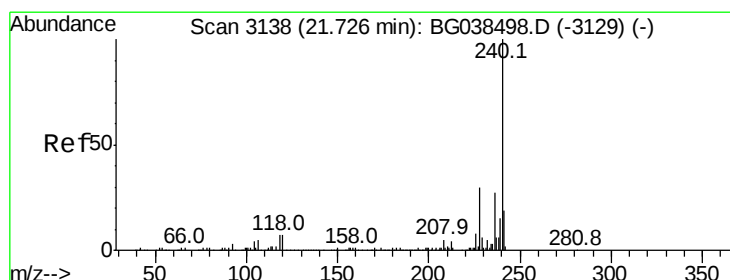
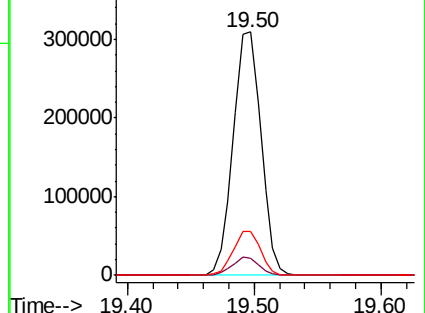
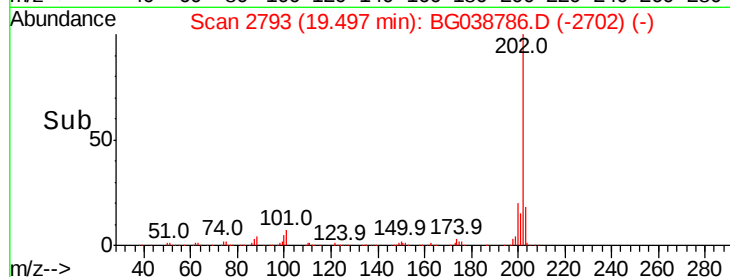
203 17.9 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3173

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

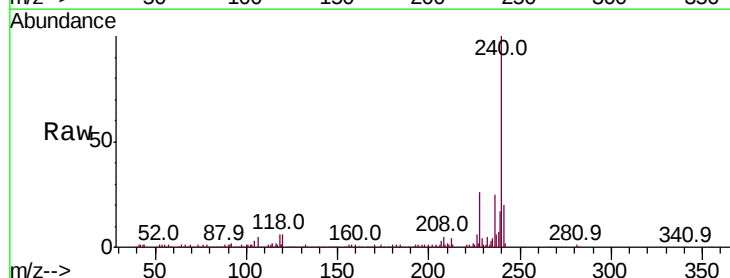
Tgt Ion:240 Resp: 167896

Ion Ratio Lower Upper

240 100

120 6.2 5.3 7.9

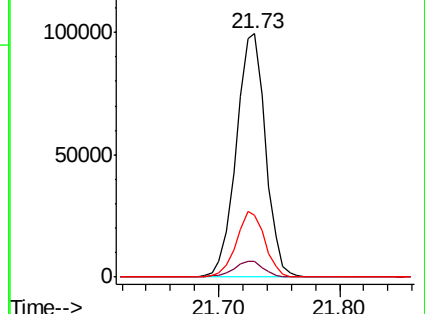
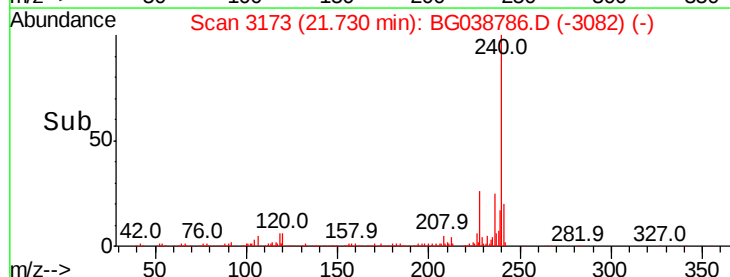
236 25.2 21.4 32.2

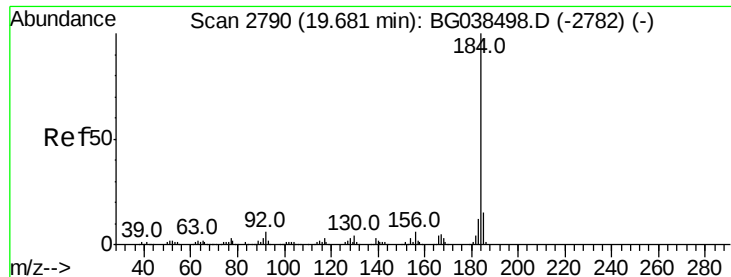


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.490 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

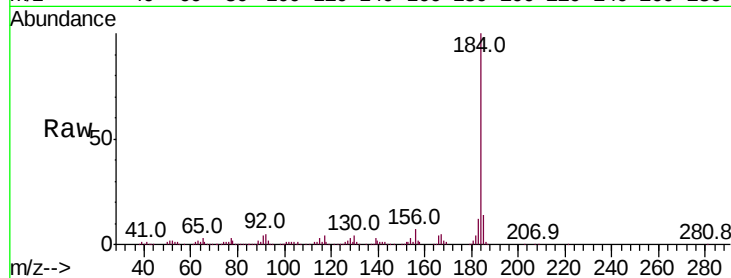
Tot Ion:184 Resp: 210977

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

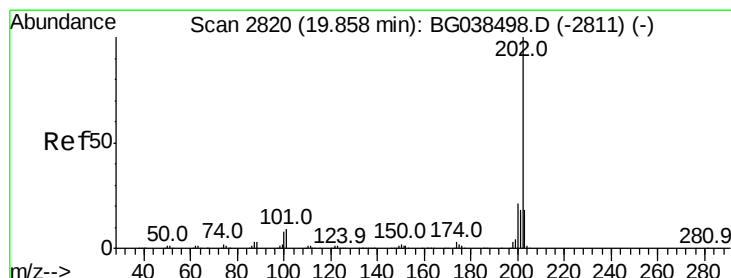
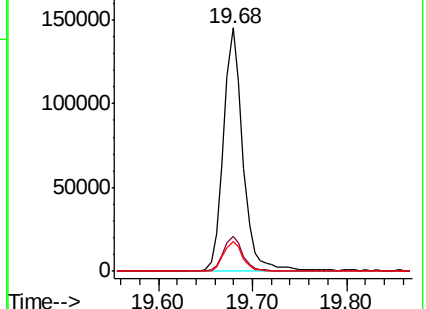
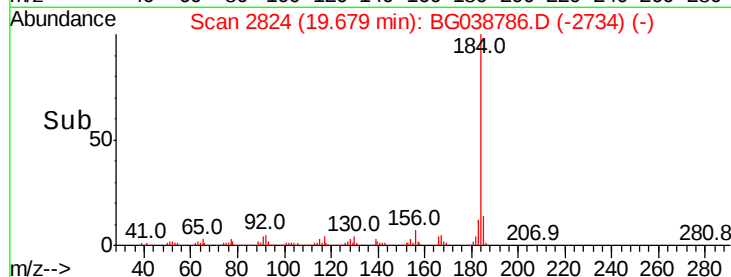
183 12.0 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.600 ng

RT: 19.86 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

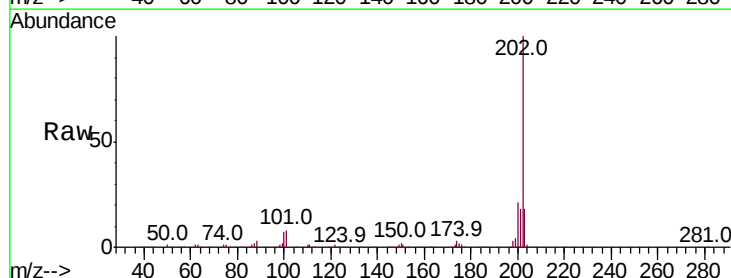
Tgt Ion:202 Resp: 472501

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

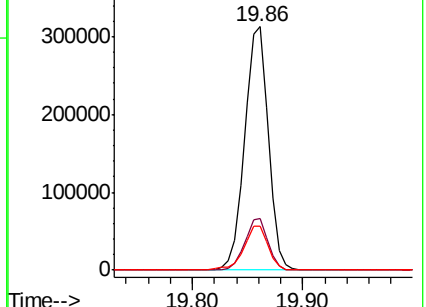
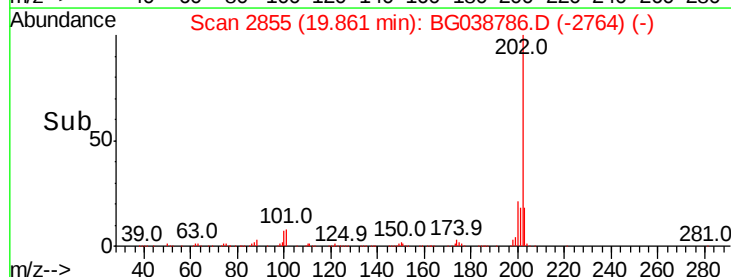
203 18.1 14.6 21.8

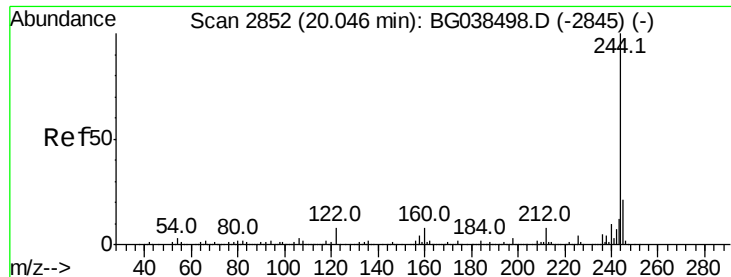


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.108 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

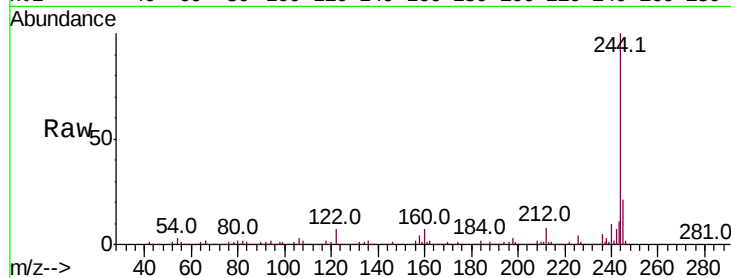
Tot Ion:244 Resp: 648865

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

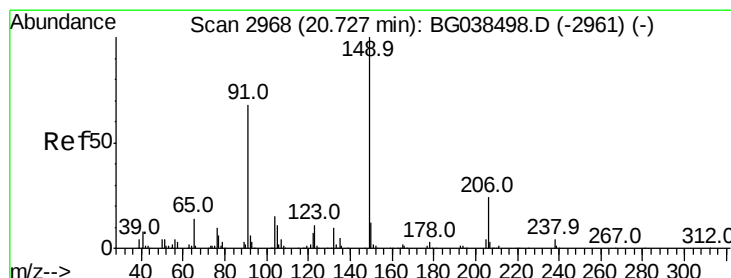
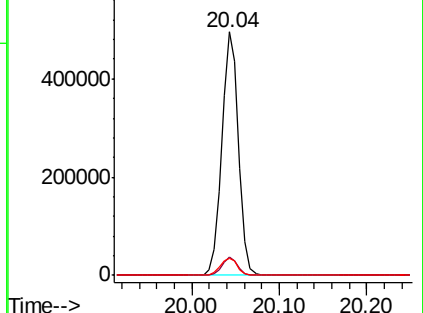
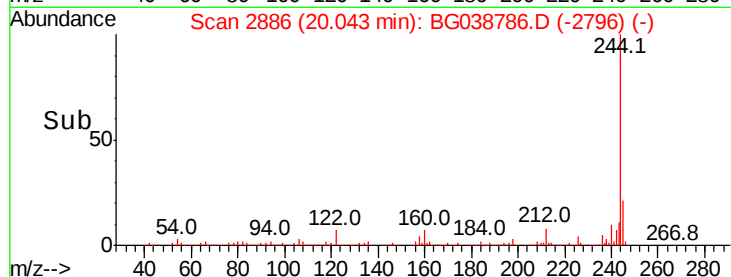
122 7.1 6.3 9.5



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: 41.763 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

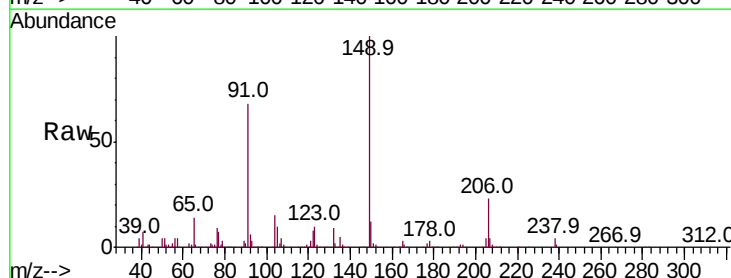
Tgt Ion:149 Resp: 180977

Ion Ratio Lower Upper

149 100

91 67.9 54.5 81.7

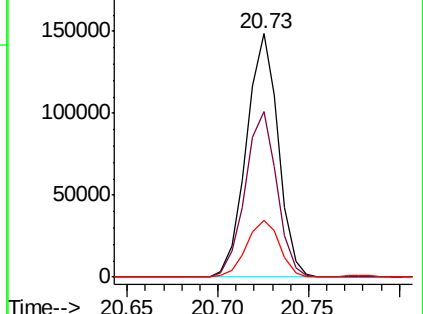
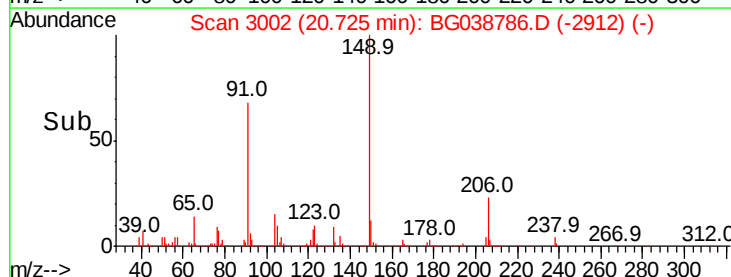
206 23.3 19.0 28.6

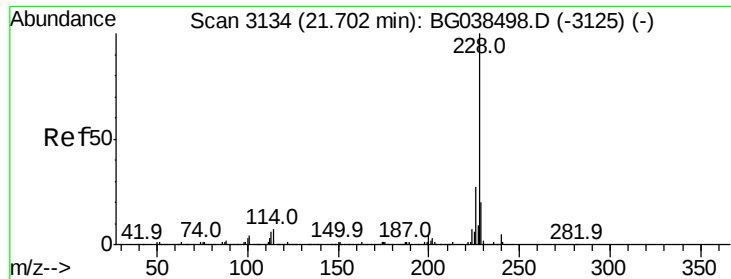


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.365 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

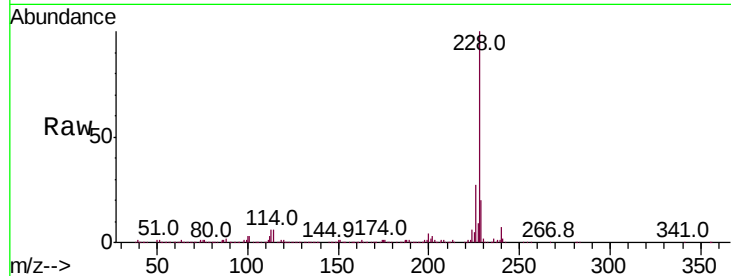
Tot Ion:228 Resp: 453883

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

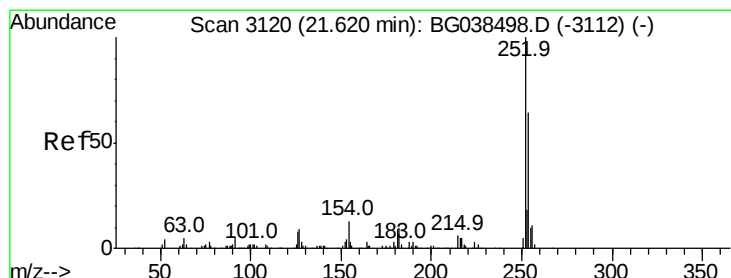
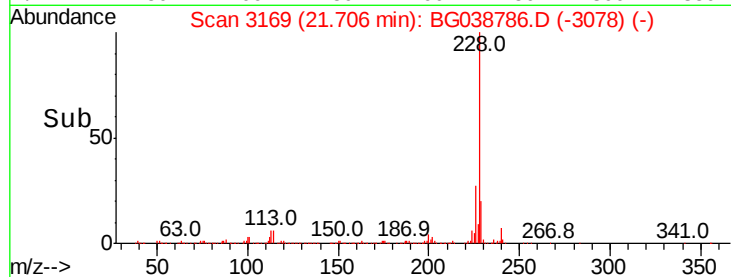
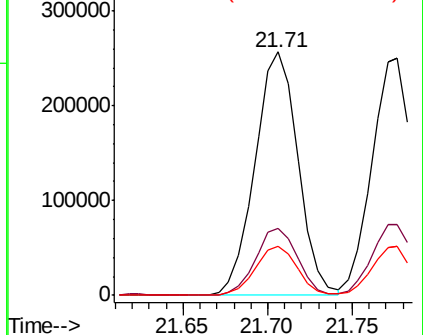
229 20.4 15.8 23.6



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: 30.545 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

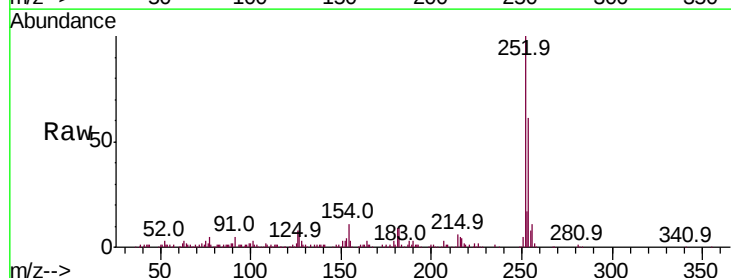
Tgt Ion:252 Resp: 123937

Ion Ratio Lower Upper

252 100

254 60.6 50.9 76.3

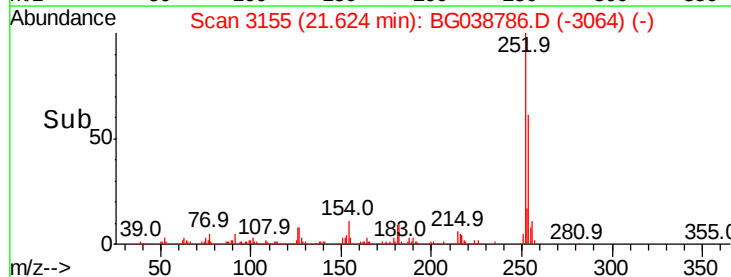
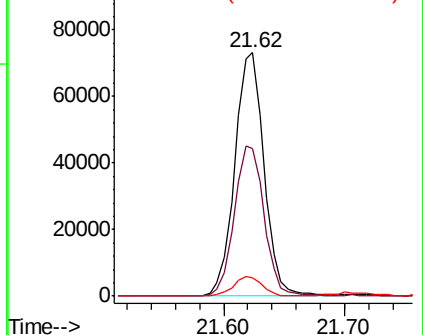
126 7.6 6.3 9.5

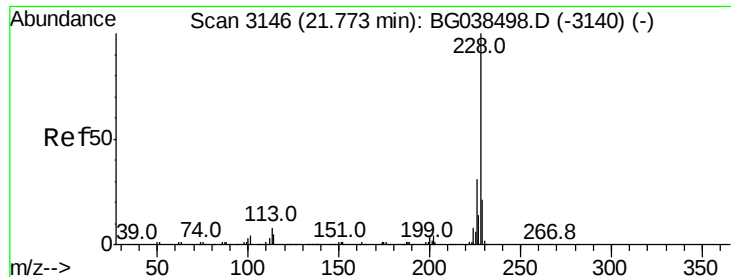


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.527 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

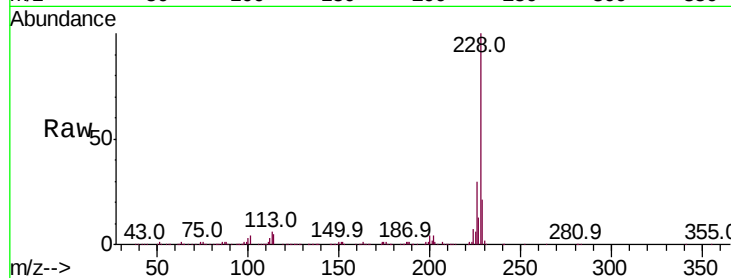
Tot Ion:228 Resp: 419072

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

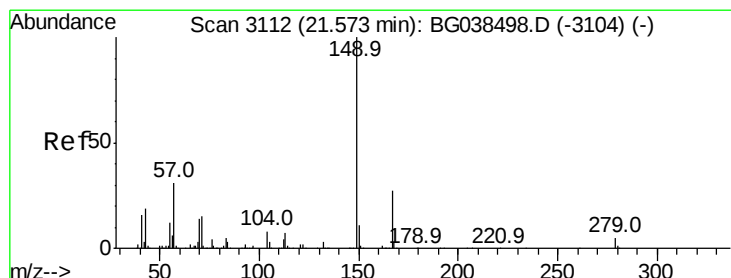
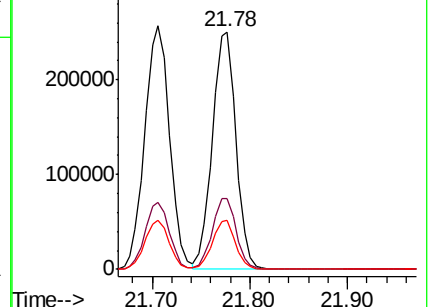
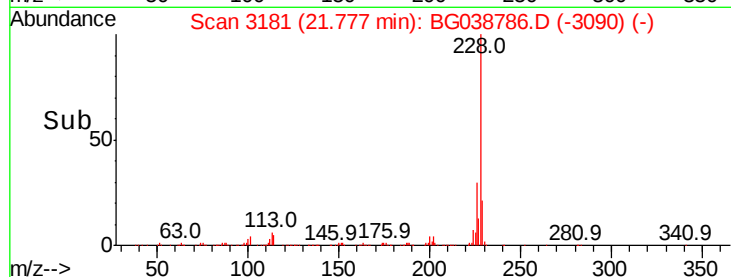
229 20.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.588 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

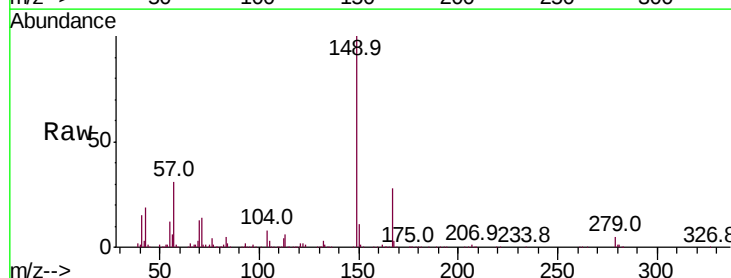
Tgt Ion:149 Resp: 249448

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

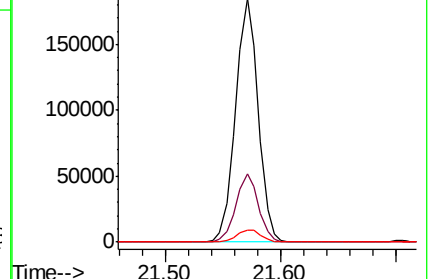
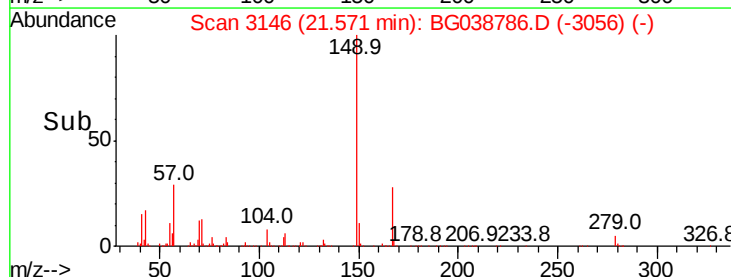
279 5.0 4.2 6.2

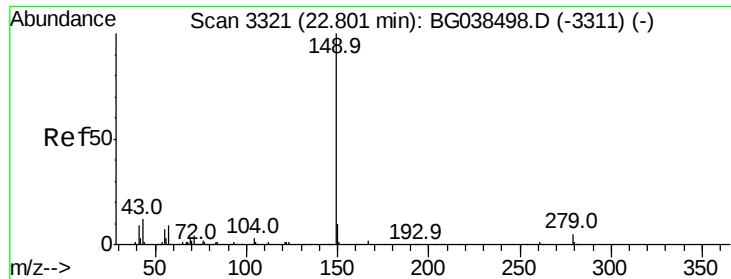


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.067 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

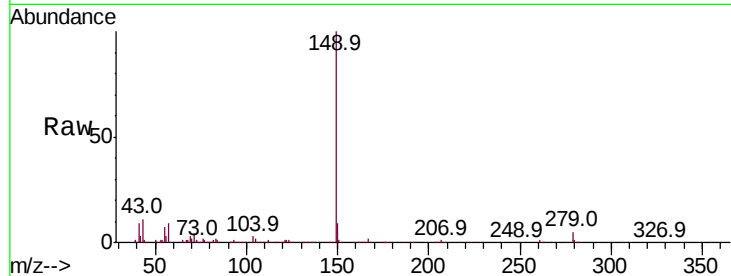
Tot Ion:149 Resp: 422699

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 11.6 9.3 13.9

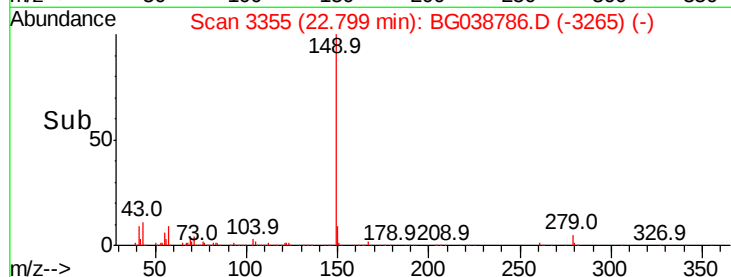


Abundance Ion 149.00 (148.70 to 149.70): E

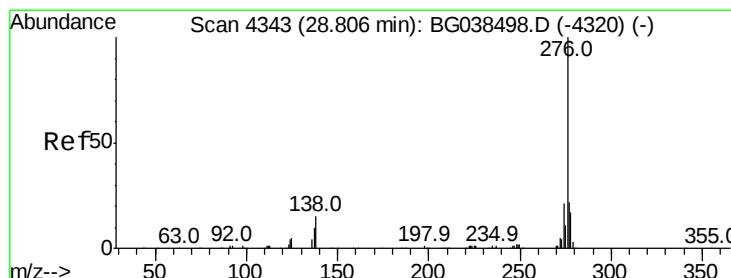
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time--> 22.70 22.80 22.90



Time--> 22.70 22.80 22.90



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.705 ng

RT: 28.82 min Scan# 4380

Delta R.T. 0.02 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

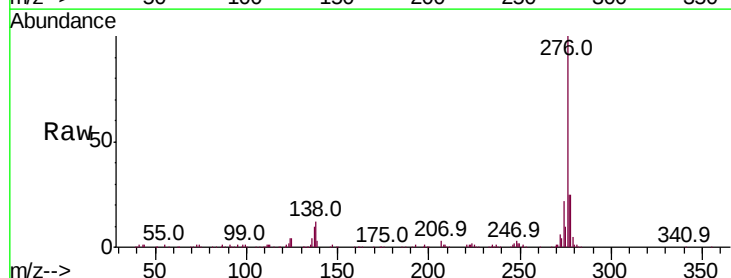
Tgt Ion:276 Resp: 494746

Ion Ratio Lower Upper

276 100

138 6.5 14.4 21.6#

277 25.4 0.0 0.0#

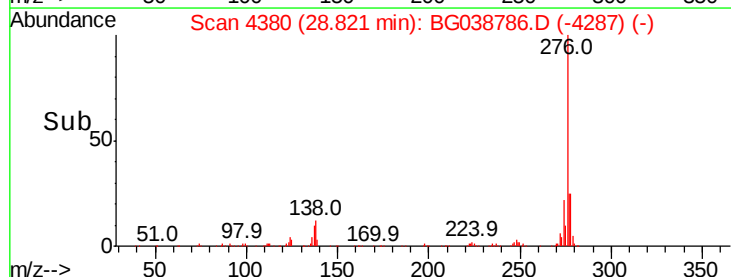


Abundance Ion 276.00 (275.70 to 276.70): E

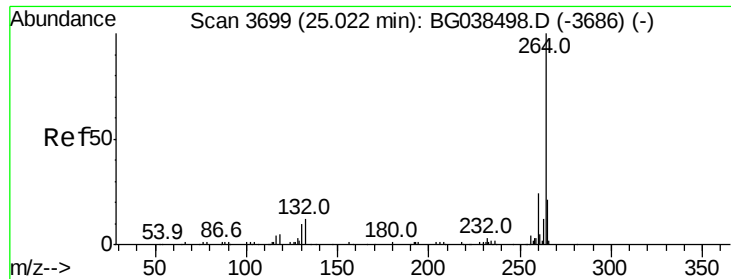
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time--> 28.60 28.80 29.00



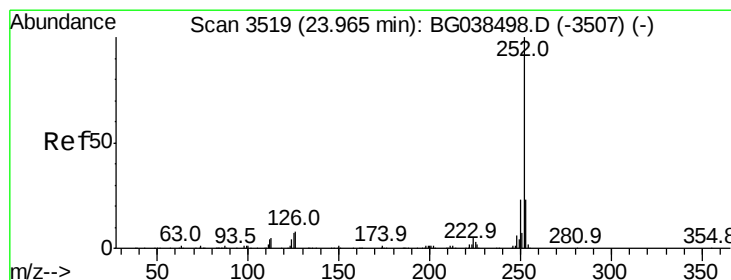
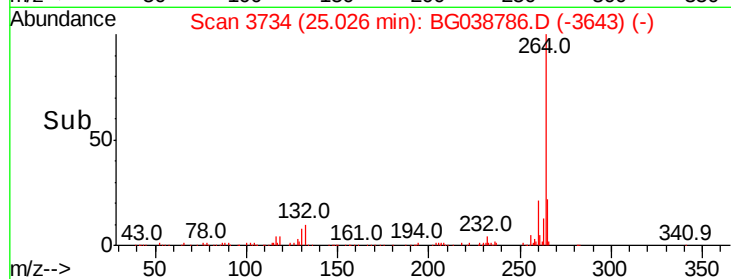
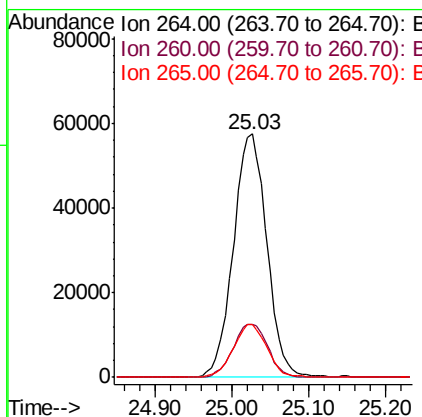
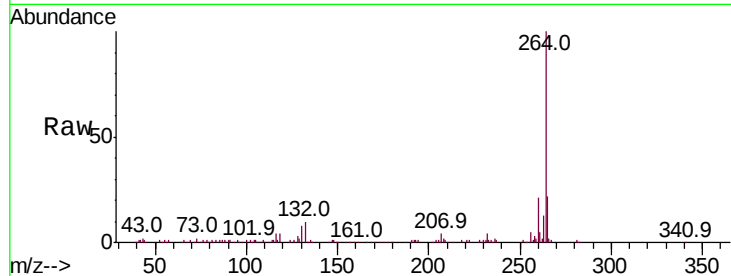
Time--> 28.60 28.80 29.00



#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

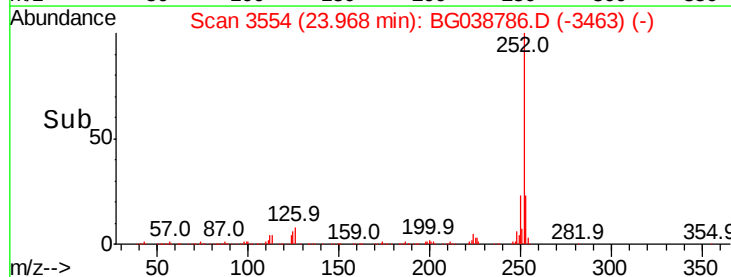
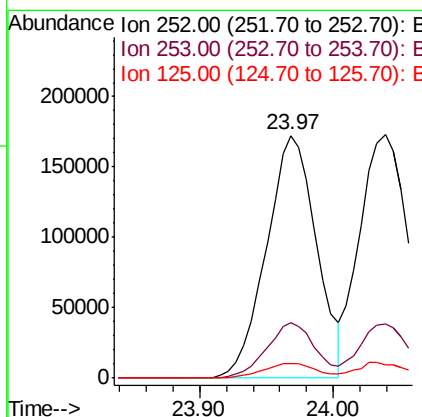
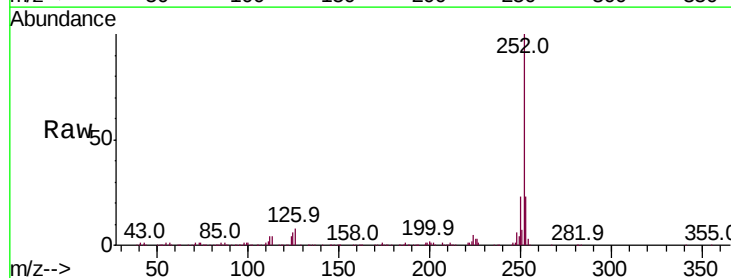
Instrument :
BNA_G
ClientSampleId :
PB115904BS

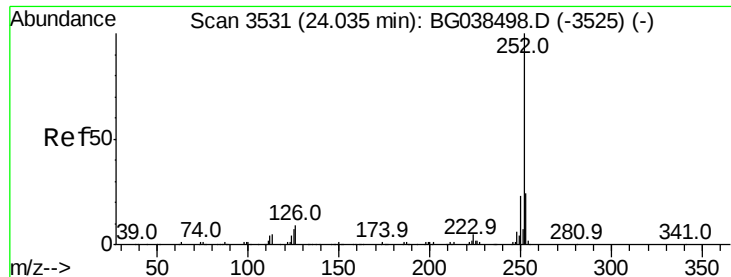
Tot Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.9	28.3
265	21.8	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 46.715 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	5.9	5.5	8.3

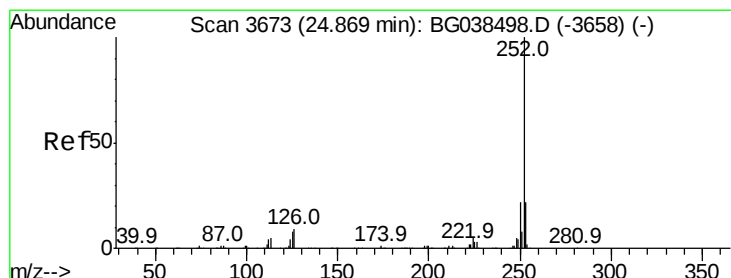
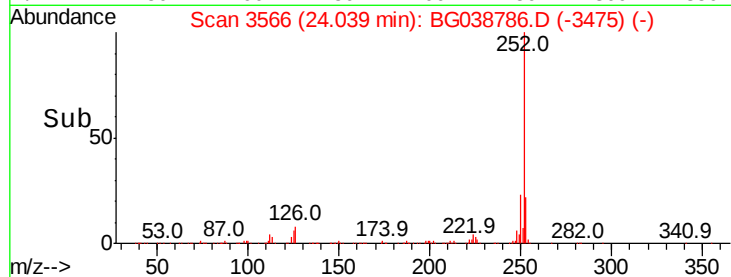
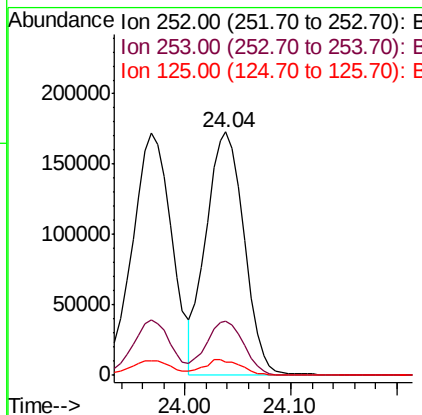
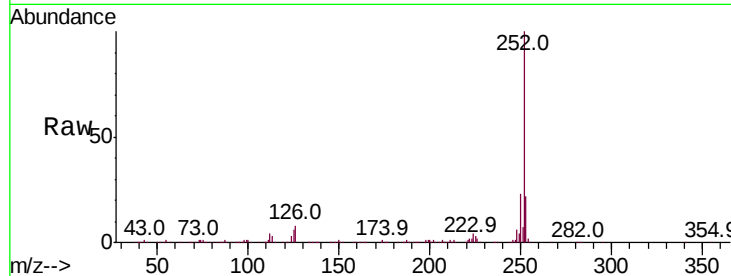




#89
Benzo(k)fluoranthene
Concen: 45.261 ng
RT: 24.04 min Scan# 3566
Delta R.T. 0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

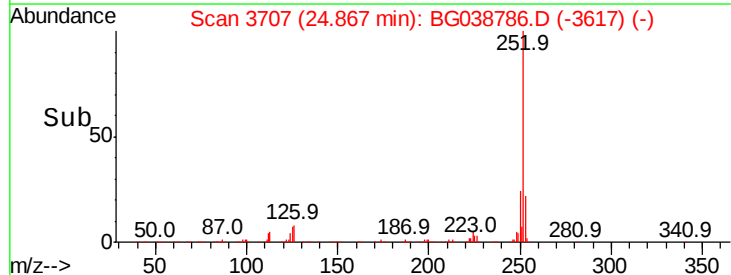
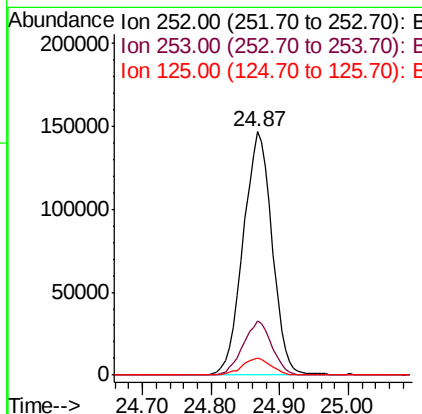
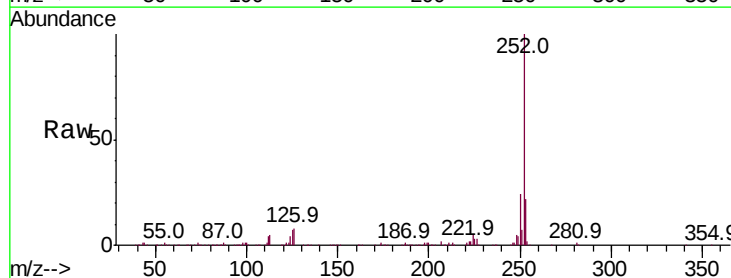
Instrument :
BNA_G
ClientSampleId :
PB115904BS

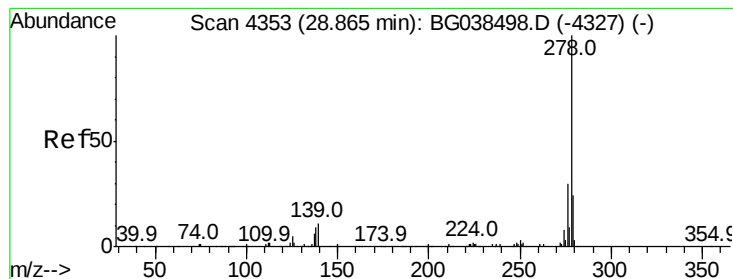
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.9	28.3
125	5.6	5.4	8.2



#90
Benzo(a)pyrene
Concen: 46.611 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG038786.D
Acq: 21 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	6.9	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 45.331 ng

RT: 28.88 min Scan# 4390

Delta R.T. 0.02 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

Instrument :

BNA_G

ClientSampleId :

PB115904BS

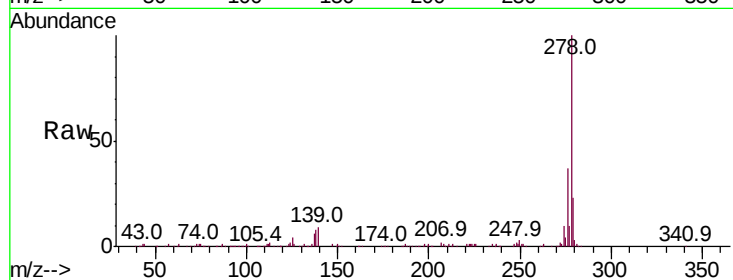
Tot Ion:278 Resp: 417556

Ion	Ratio	Lower	Upper
278	100		
139	8.6	8.6	12.8
279	23.3	19.0	28.6

278 100

139 8.6 8.6 12.8

279 23.3 19.0 28.6

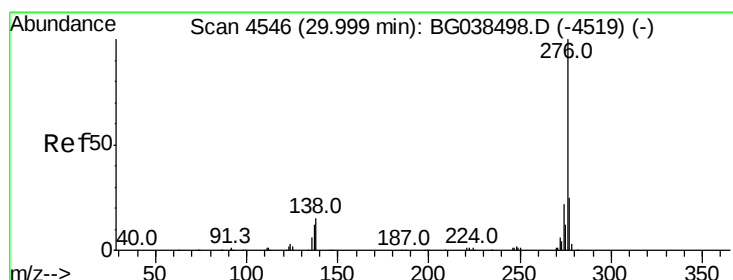
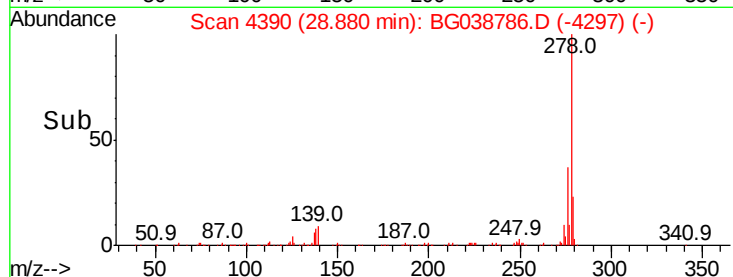
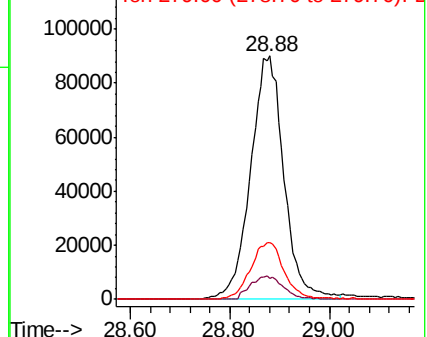


Abundance

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: 45.435 ng

RT: 30.01 min Scan# 4582

Delta R.T. 0.01 min

Lab File: BG038786.D

Acq: 21 Dec 2018 14:51

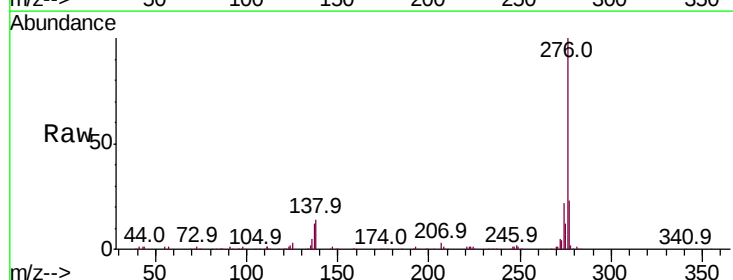
Tgt Ion:276 Resp: 412447

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.8	29.8
138	14.0	11.8	17.6

276 100

277 22.7 19.8 29.8

138 14.0 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

