

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038790.D
 Acq On : 21 Dec 2018 17:29
 Operator : JU/SJ
 Sample : PB115909BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Quant Time: Dec 22 01:12:25 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	25402	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	101543	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69374	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176147	20.00	ng	0.00
76) Chrysene-d12	21.72	240	172519	20.00	ng	0.00
87) Perylene-d12	25.03	264	181825	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	165778	115.75	ng	0.01
7) Phenol-d6	7.22	99	227531	115.73	ng	0.01
23) Nitrobenzene-d5	9.24	82	116297	58.51	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	118442	123.88	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	313298	61.95	ng	0.00
79) Terphenyl-d14	20.04	244	615128	77.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24267	36.407	ng	92
3) Pyridine	3.89	79	53168	28.971	ng	94
4) n-Nitrosodimethylamine	3.82	42	33626	37.395	ng	# 92
6) Aniline	7.39	93	75275	29.992	ng	97
8) 2-Chlorophenol	7.62	128	70092	42.291	ng	96
9) Benzaldehyde	7.20	77	20027	15.702	ng	98
10) Phenol	7.25	94	87330	41.809	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	56448	33.943	ng	92
12) 1,3-Dichlorobenzene	7.95	146	73065	37.285	ng	98
13) 1,4-Dichlorobenzene	8.09	146	72921	36.333	ng	98
14) 1,2-Dichlorobenzene	8.41	146	71393	37.732	ng	99
15) Benzyl Alcohol	8.30	79	64012	41.712	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121016	31.766	ng	98
17) 2-Methylphenol	8.50	107	60482	43.218	ng	98
18) Hexachloroethane	9.14	117	25963	35.402	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	47665	34.518	ng	95
20) 3+4-Methylphenols	8.83	107	83298	43.099	ng	98
22) Acetophenone	8.89	105	99467	39.217	ng	# 96
24) Nitrobenzene	9.28	77	75276	37.437	ng	96
25) Isophorone	9.79	82	137601	38.531	ng	97
26) 2-Nitrophenol	9.99	139	41105	39.941	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	71991	48.810	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	79227	39.312	ng	99
29) 2,4-Dichlorophenol	10.52	162	78425	47.796	ng	99
30) 1,2,4-Trichlorobenzene	10.74	180	80748	40.741	ng	98
31) Naphthalene	10.93	128	213743	42.722	ng	99
32) Benzoic acid	10.18	122	31827	36.943	ng	# 86
33) 4-Chloroaniline	11.04	127	58253	26.819	ng	96
34) Hexachlorobutadiene	11.19	225	55508	41.390	ng	97
35) Caprolactam	11.84	113	24496	36.074	ng	# 86
36) 4-Chloro-3-methylphenol	12.15	107	79021	42.201	ng	96
37) 2-Methylnaphthalene	12.53	142	164807	46.174	ng	98
38) 1-Methylnaphthalene	12.75	142	156644	45.226	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	102955	39.702	ng	99

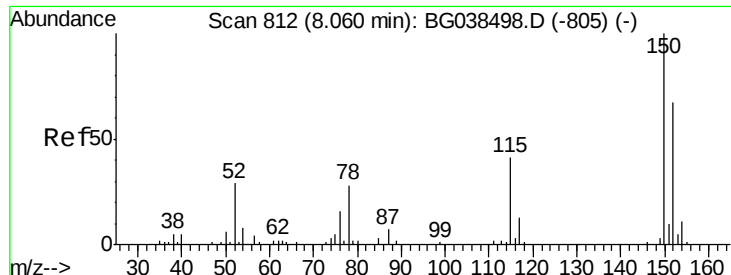
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038790.D
 Acq On : 21 Dec 2018 17:29
 Operator : JU/SJ
 Sample : PB115909BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Quant Time: Dec 22 01:12:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116543	81.803	ng	94
43) 2,4,6-Trichlorophenol	13.13	196	72004	45.159	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	78363	46.419	ng	96
46) 1,1'-Biphenyl	13.53	154	216598	37.243	ng	99
47) 2-Chloronaphthalene	13.58	162	177624	39.539	ng	99
48) 2-Nitroaniline	13.79	65	54770	38.276	ng	92
49) Acenaphthylene	14.42	152	286646	42.682	ng	97
50) Dimethylphthalate	14.14	163	230392	40.667	ng	98
51) 2,6-Dinitrotoluene	14.28	165	51835	40.374	ng	91
52) Acenaphthene	14.76	154	163645	40.749	ng	99
53) 3-Nitroaniline	14.61	138	39778	30.394	ng	91
54) 2,4-Dinitrophenol	14.82	184	49960	66.347	ng	97
55) Dibenzofuran	15.10	168	279159	40.553	ng	98
56) 4-Nitrophenol	14.92	139	74675	75.213	ng	99
57) 2,4-Dinitrotoluene	15.07	165	73249	40.508	ng	96
58) Fluorene	15.74	166	224644	44.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70969	46.726	ng	96
60) Diethylphthalate	15.50	149	231381	37.204	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	130905	41.137	ng	94
62) 4-Nitroaniline	15.78	138	53387	39.623	ng	97
63) Azobenzene	16.03	77	193049	37.157	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	43746	34.814	ng	90
66) n-Nitrosodiphenylamine	15.95	169	204757	39.562	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	83425	38.780	ng	95
68) Hexachlorobenzene	16.74	284	88321	39.605	ng	95
69) Atrazine	16.89	200	82345	42.872	ng	98
70) Pentachlorophenol	17.09	266	95463	72.374	ng	97
71) Phenanthrene	17.49	178	381929	41.812	ng	99
72) Anthracene	17.58	178	384615	42.652	ng	98
73) Carbazole	17.85	167	340155	38.142	ng	99
74) Di-n-butylphthalate	18.38	149	394978	38.598	ng	99
75) Fluoranthene	19.50	202	467970	41.407	ng	97
77) Benzidine	19.68	184	212044	41.560	ng	99
78) Pyrene	19.86	202	465200	40.817	ng	99
80) Butylbenzylphthalate	20.73	149	172023	38.633	ng	97
81) Benzo(a)anthracene	21.71	228	452467	43.041	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	124336	29.822	ng	98
83) Chrysene	21.78	228	417565	41.239	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	241053	38.171	ng	99
85) Di-n-octyl phthalate	22.80	149	404546	38.250	ng	98
86) Indeno(1,2,3-cd)pyrene	28.82	276	497622	41.802	ng	# 73
88) Benzo(b)fluoranthene	23.97	252	456931	45.771	ng	99
89) Benzo(k)fluoranthene	24.04	252	418939	42.143	ng	98
90) Benzo(a)pyrene	24.87	252	432345	44.891	ng	97
91) Dibenzo(a,h)anthracene	28.88	278	414525	43.228	ng	98
92) Benzo(g,h,i)perylene	30.01	276	407832	43.156	ng	98

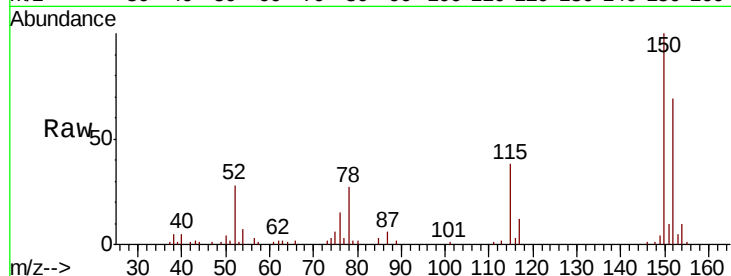
(#) = qualifier out of range (m) = manual integration (+) = signals summed



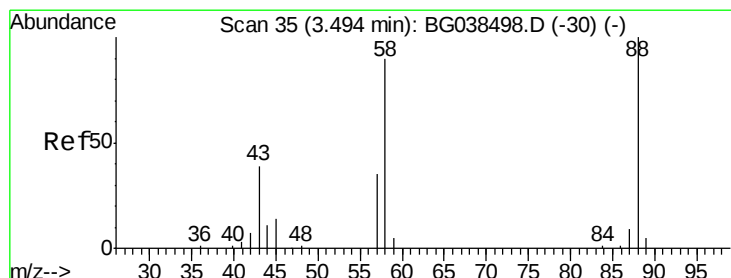
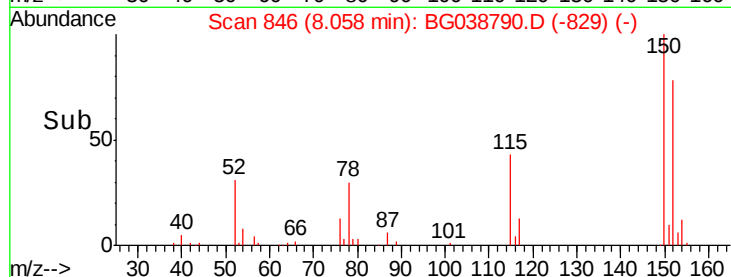
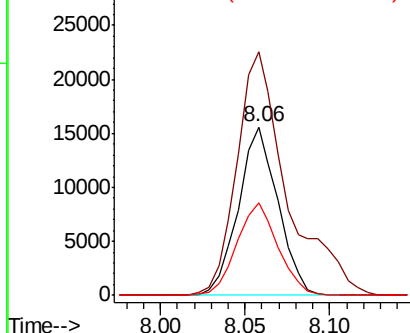
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion:152 Resp: 25402
 Ion Ratio Lower Upper
 152 100
 150 144.4 119.5 179.3
 115 54.6 49.6 74.4

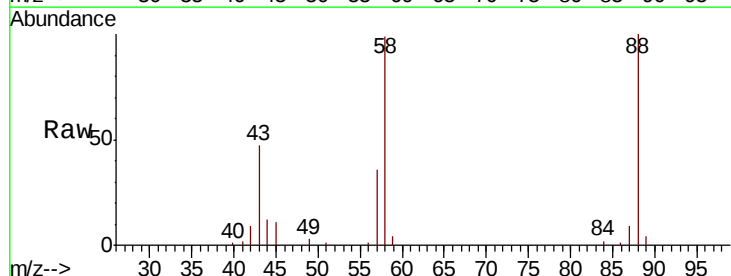


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

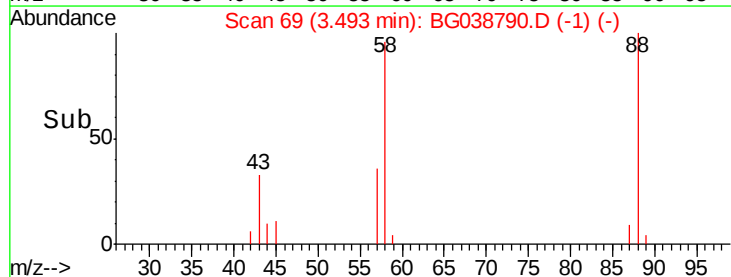
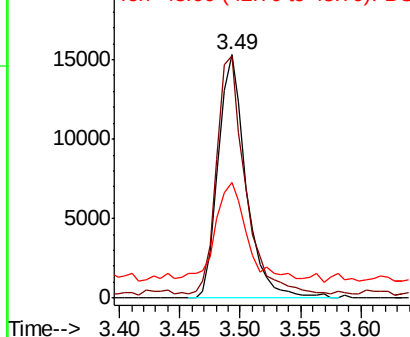


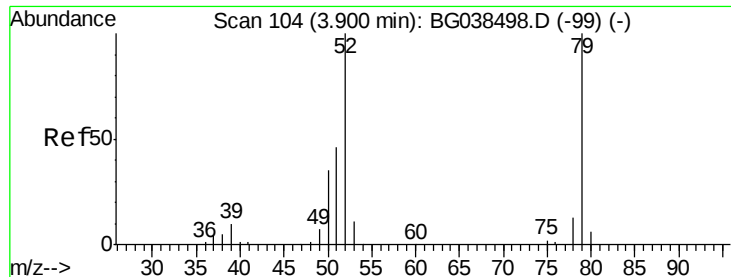
#2
 1,4-Dioxane
 Concen: 36.407 ng
 RT: 3.49 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion: 88 Resp: 24267
 Ion Ratio Lower Upper
 88 100
 58 100.8 75.7 113.5
 43 47.1 31.6 47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 28.971 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

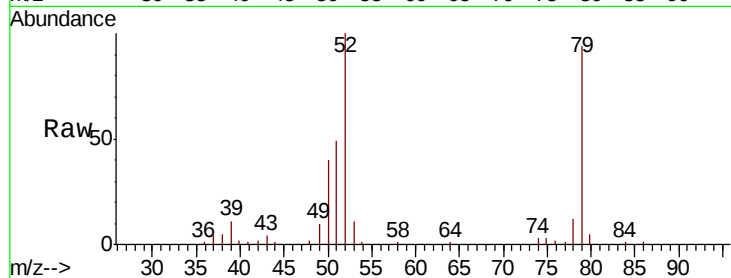
Tgt Ion: 79 Resp: 53168

Ion Ratio Lower Upper

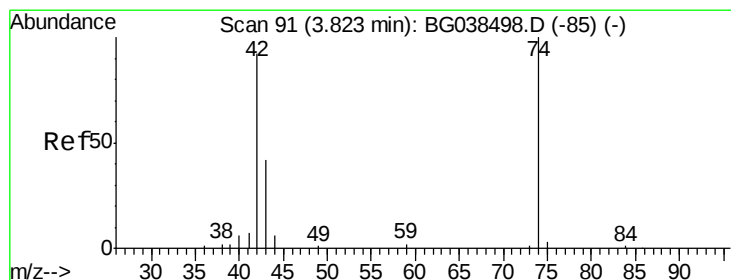
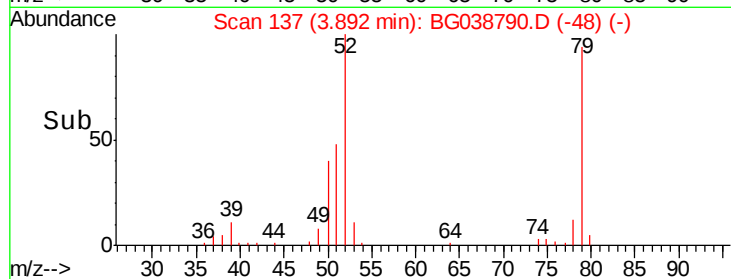
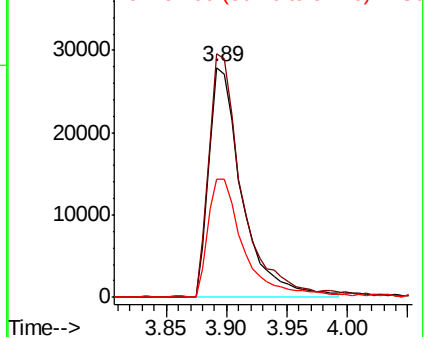
79 100

52 105.8 80.2 120.2

51 51.6 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 37.395 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

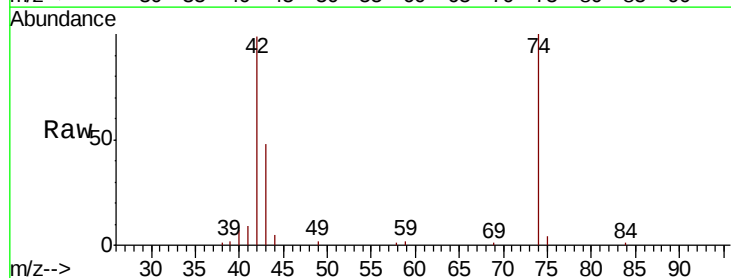
Tgt Ion: 42 Resp: 33626

Ion Ratio Lower Upper

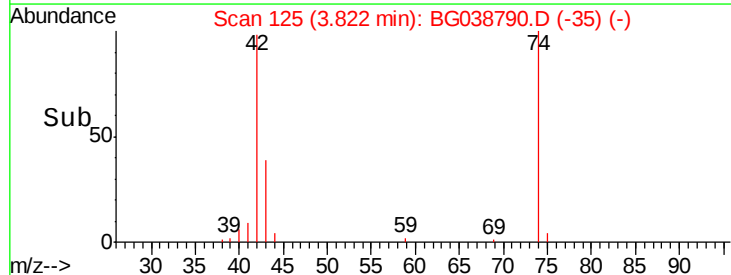
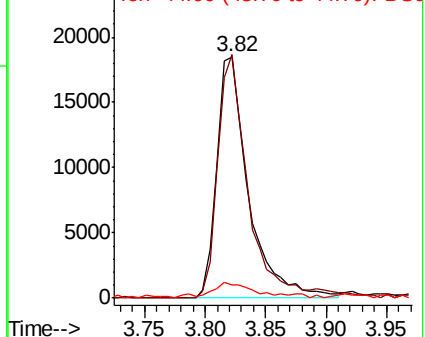
42 100

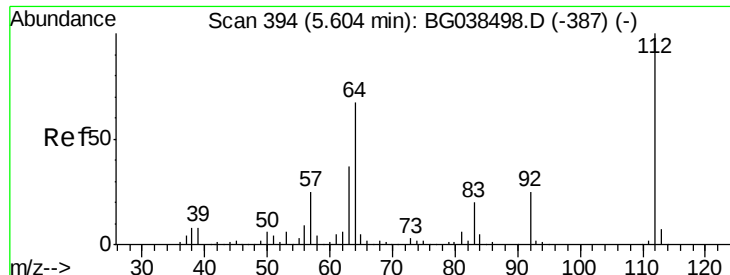
74 100.7 86.7 130.1

44 5.5 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

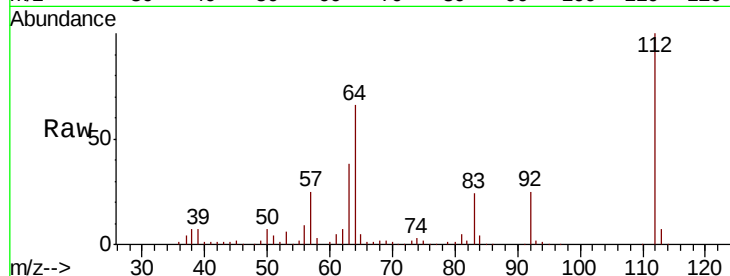




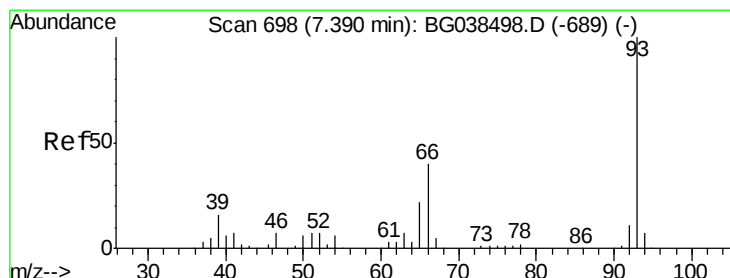
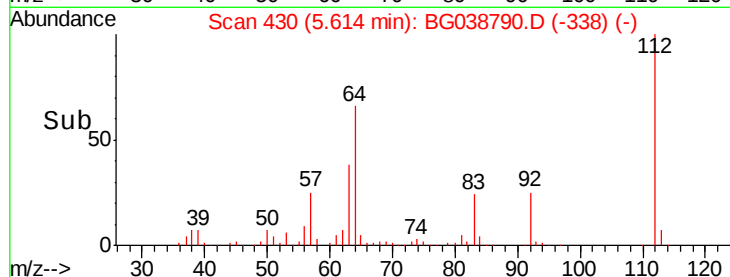
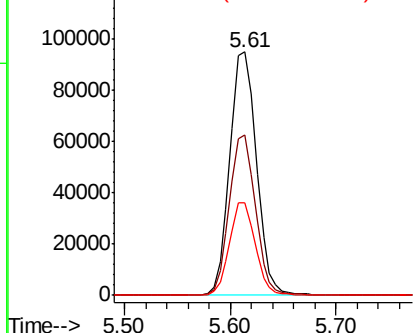
#5
 2-Fluorophenol
 Concen: 115.752 ng
 RT: 5.61 min Scan# 430
 Delta R.T. 0.01 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion: 112 Resp: 165778
 Ion Ratio Lower Upper
 112 100
 64 65.9 53.4 80.2
 63 37.9 29.3 43.9

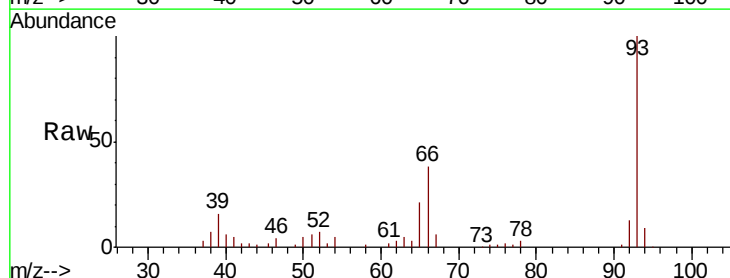


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

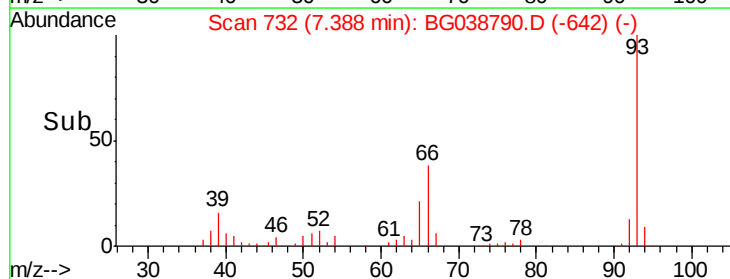
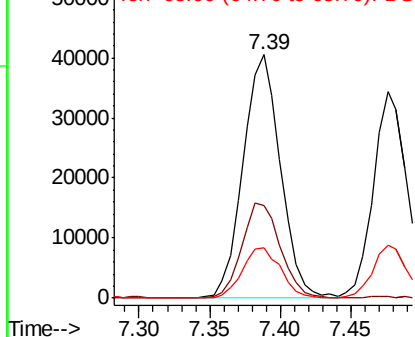


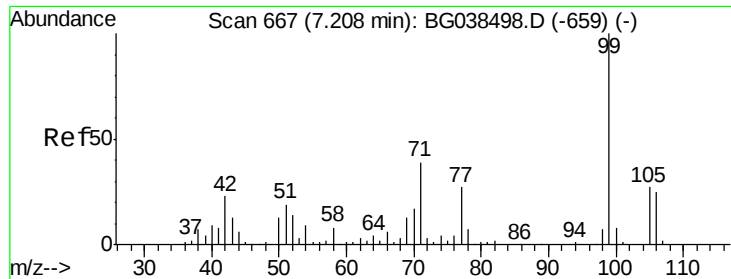
#6
 Aniline
 Concen: 29.992 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion: 93 Resp: 75275
 Ion Ratio Lower Upper
 93 100
 66 38.0 31.7 47.5
 65 20.8 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: 115.726 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

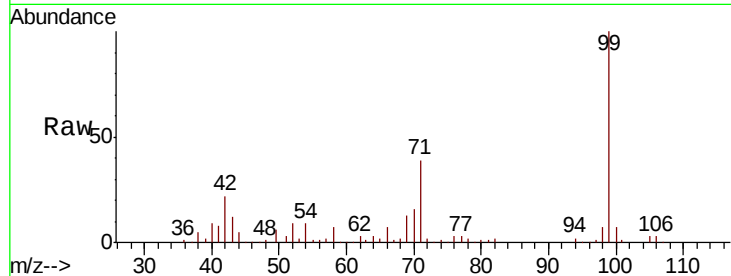
Tgt Ion: 99 Resp: 227531

Ion Ratio Lower Upper

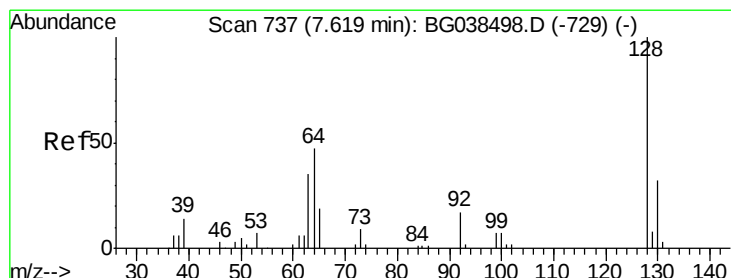
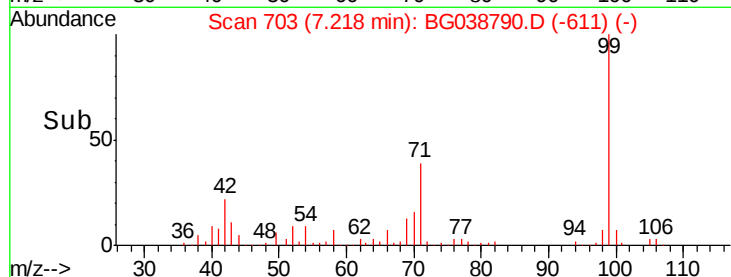
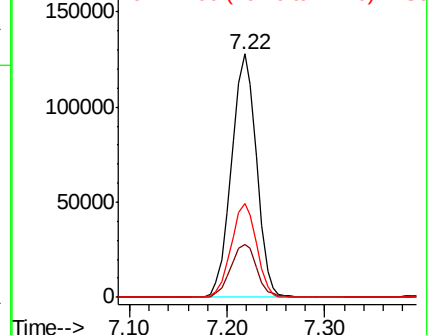
99 100

42 21.9 18.5 27.7

71 38.6 31.1 46.7



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



#8

2-Chlorophenol

Concen: 42.291 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

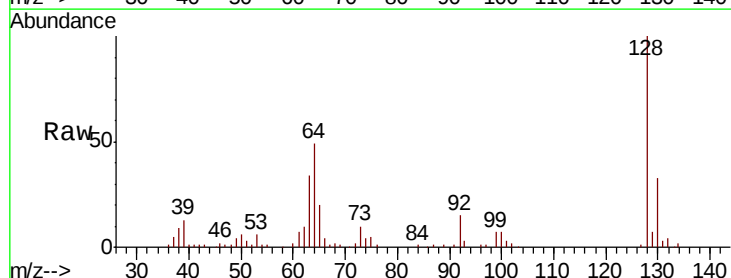
Tgt Ion: 128 Resp: 70092

Ion Ratio Lower Upper

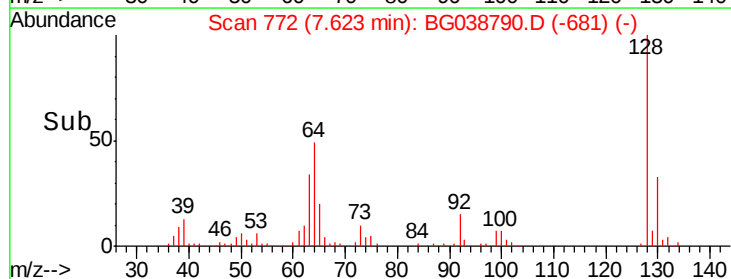
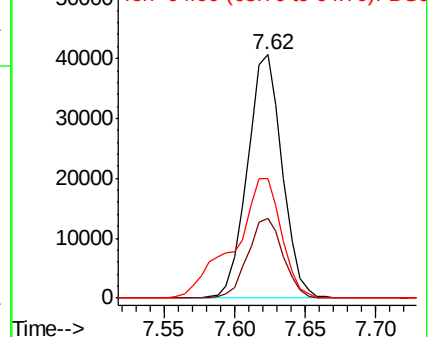
128 100

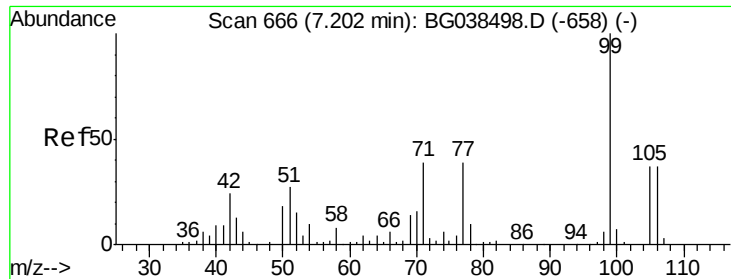
130 32.7 11.8 51.8

64 48.9 33.2 73.2



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





#9

Benzaldehyde

Concen: 15.702 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

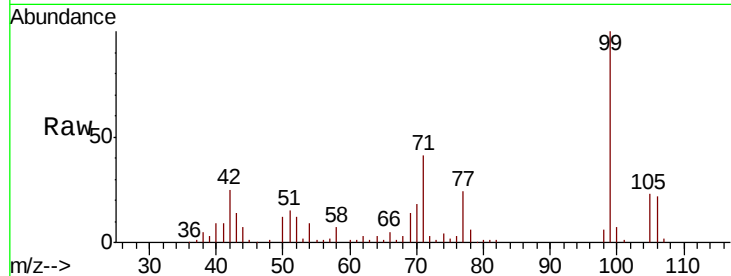
Tgt Ion: 77 Resp: 20027

Ion Ratio Lower Upper

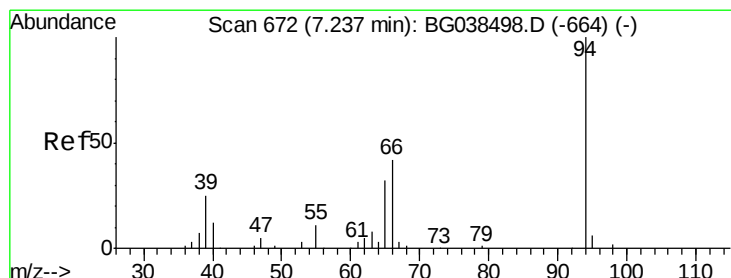
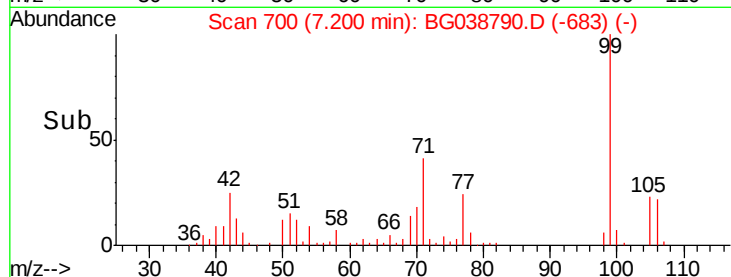
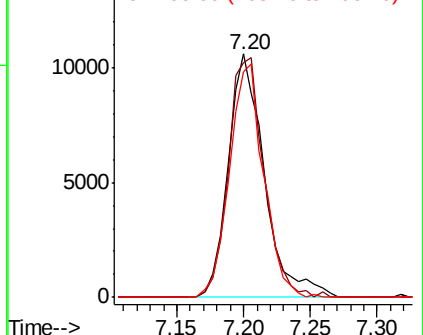
77 100

105 96.2 74.0 114.0

106 92.6 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: 41.809 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

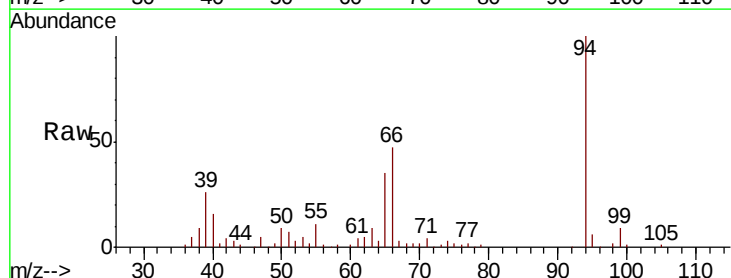
Tgt Ion: 94 Resp: 87330

Ion Ratio Lower Upper

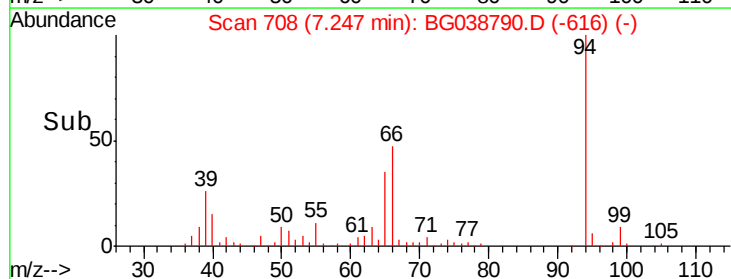
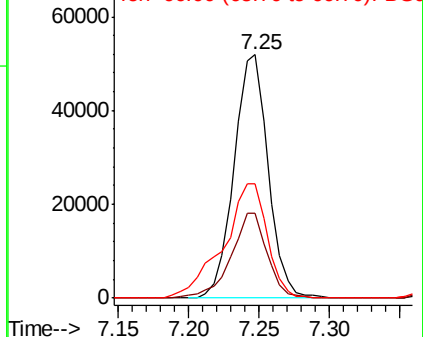
94 100

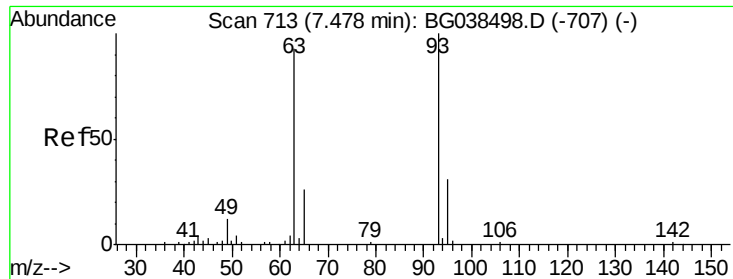
65 34.9 12.6 52.6

66 46.8 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

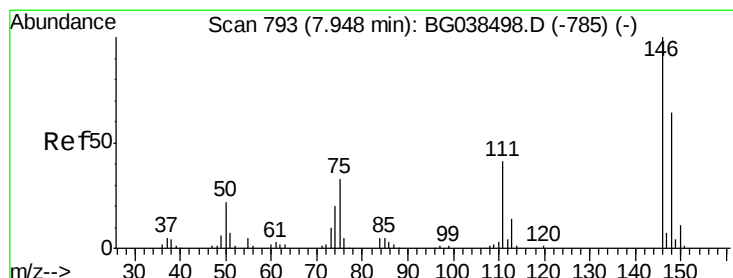
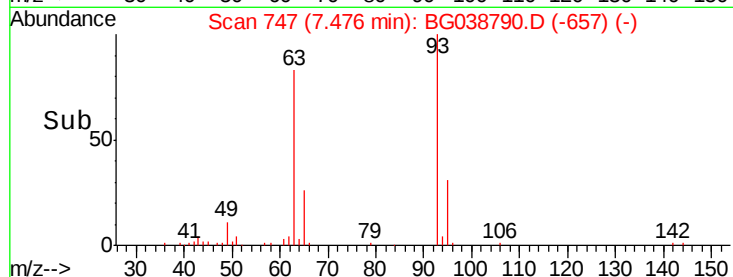
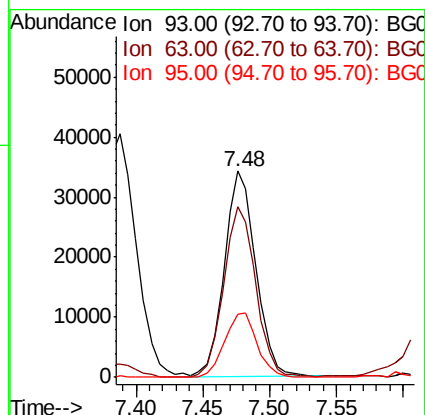
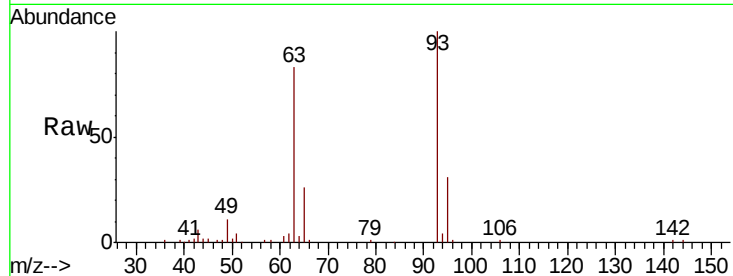




#11
 bis(2-Chloroethyl)ether
 Concen: 33.943 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

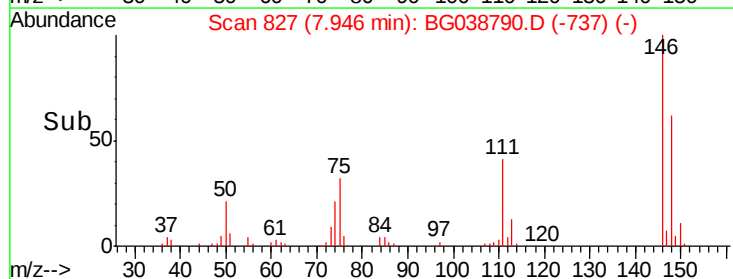
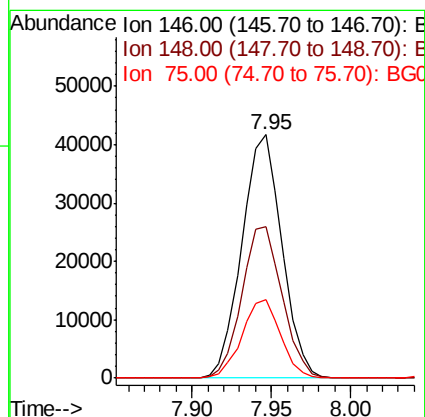
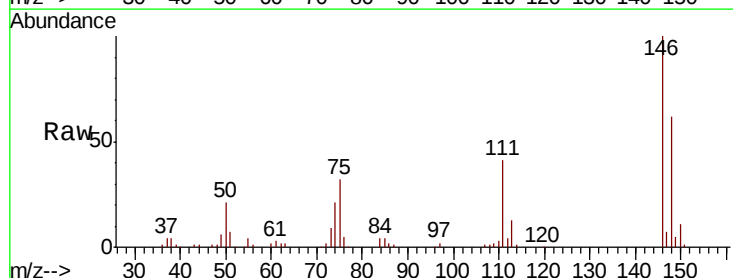
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

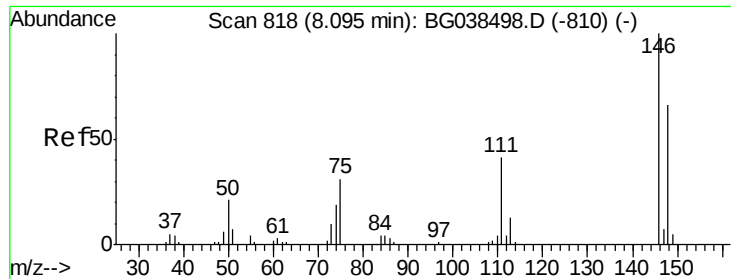
Tgt Ion: 93 Resp: 56448
 Ion Ratio Lower Upper
 93 100
 63 82.6 72.2 112.2
 95 30.5 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.285 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion: 146 Resp: 73065
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.4 77.0
 75 32.4 26.1 39.1

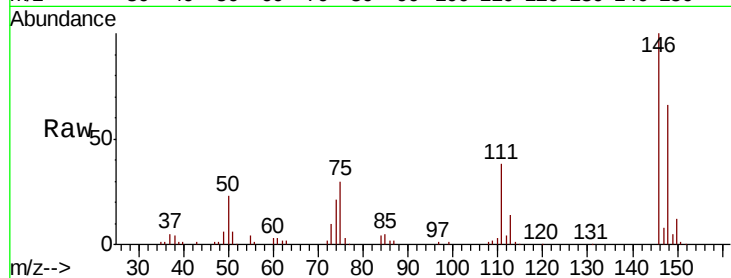




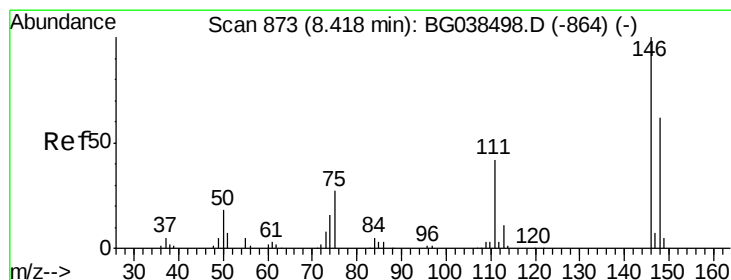
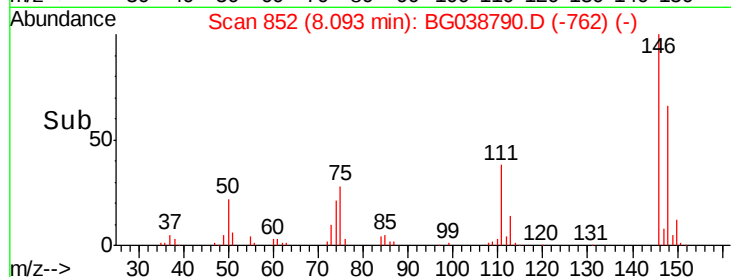
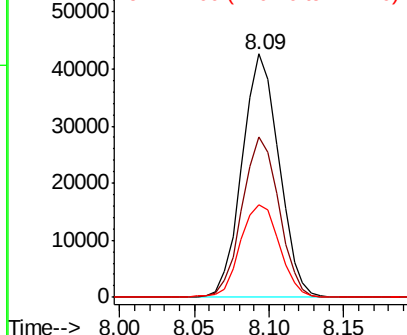
#13
 1,4-Dichlorobenzene
 Concen: 36.333 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion:146 Resp: 72921
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.4 78.6
 111 37.8 33.0 49.4

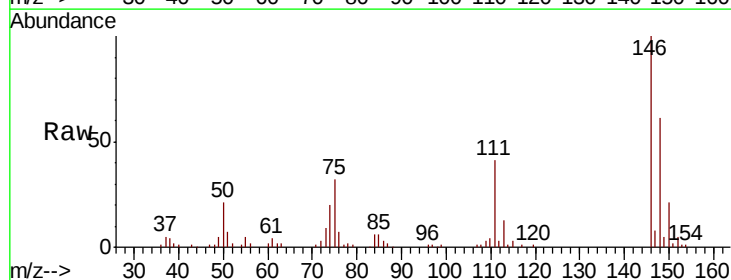


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

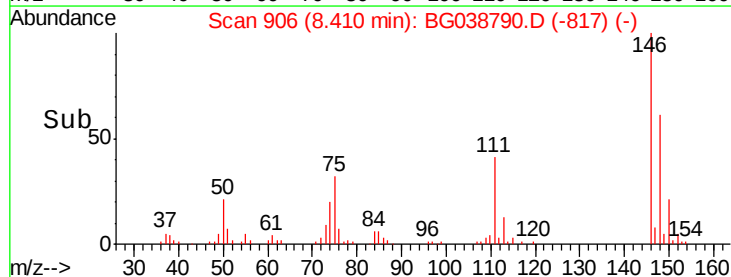
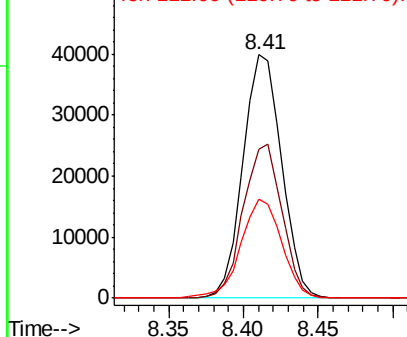


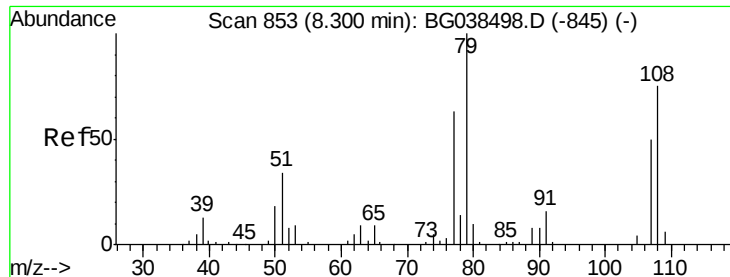
#14
 1,2-Dichlorobenzene
 Concen: 37.732 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:146 Resp: 71393
 Ion Ratio Lower Upper
 146 100
 148 61.2 49.4 74.0
 111 40.7 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.712 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

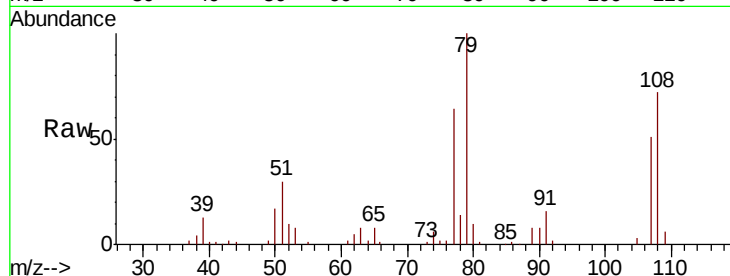
Tgt Ion: 79 Resp: 64012

Ion Ratio Lower Upper

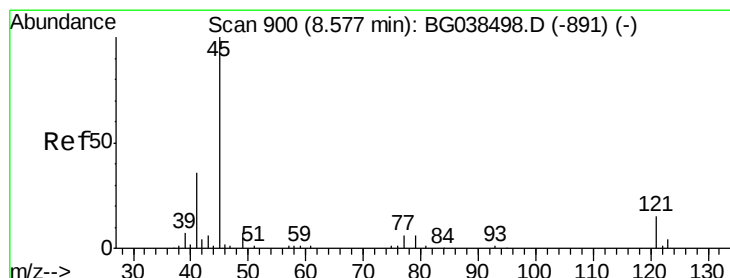
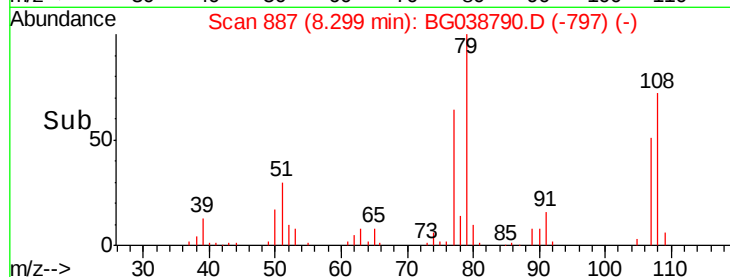
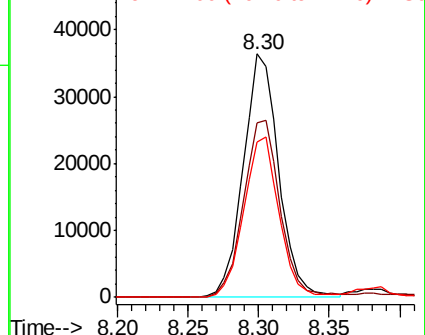
79 100

108 71.6 60.2 90.4

77 63.7 50.7 76.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.766 ng

RT: 8.58 min Scan# 935

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

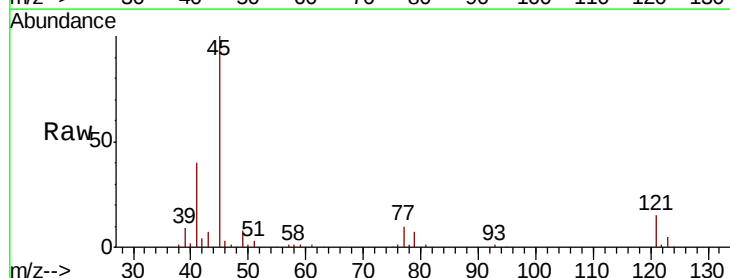
Tgt Ion: 45 Resp: 121016

Ion Ratio Lower Upper

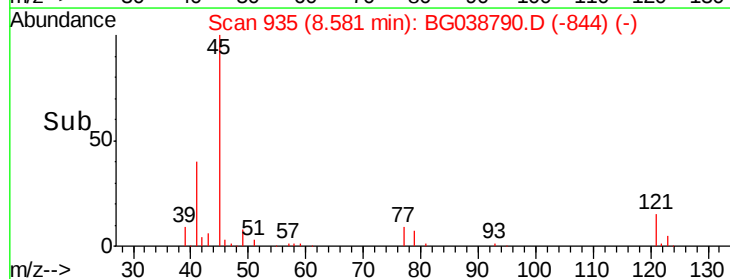
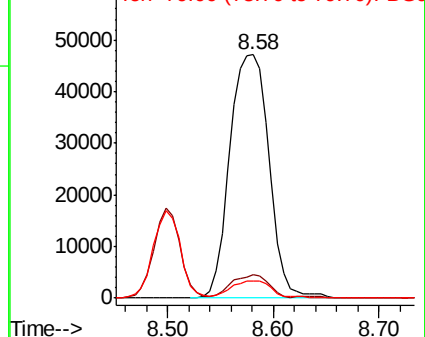
45 100

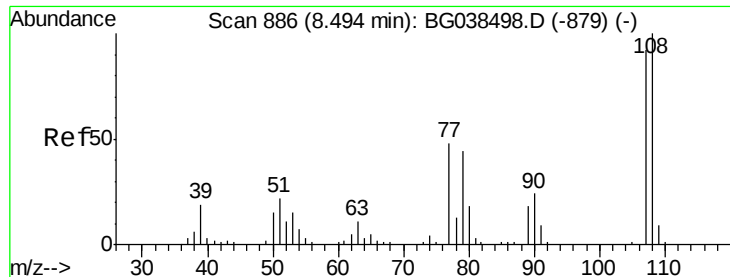
77 9.6 0.0 28.2

79 7.2 0.0 27.2



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

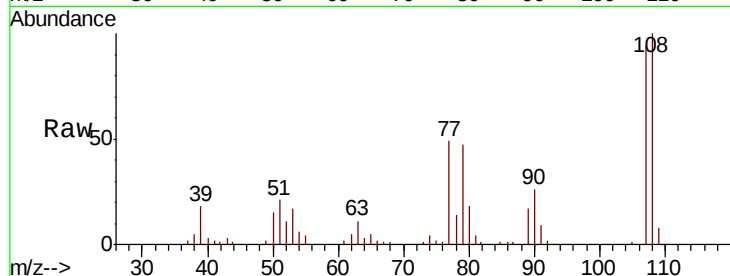




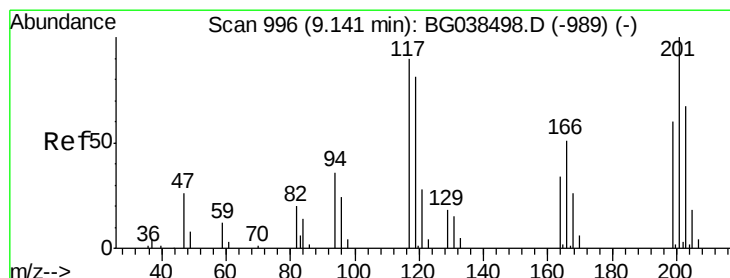
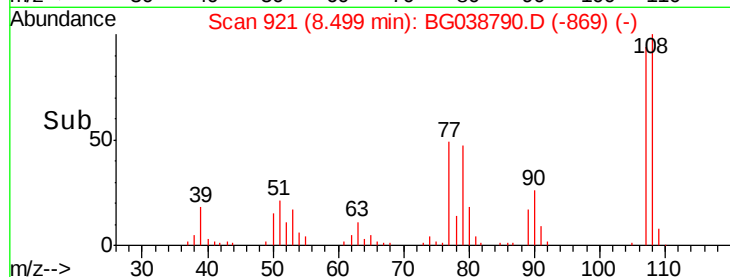
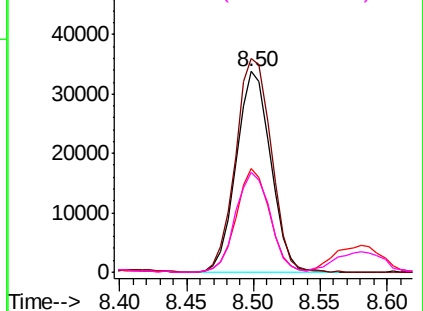
#17
2-Methylphenol
Concen: 43.218 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion:107 Resp: 60482
Ion Ratio Lower Upper
107 100
108 106.6 87.1 130.7
77 51.7 42.0 63.0
79 50.0 38.2 57.2

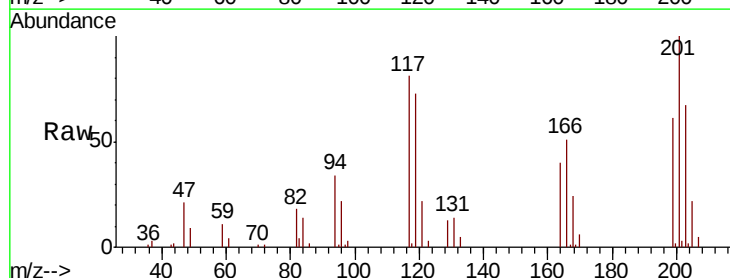


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

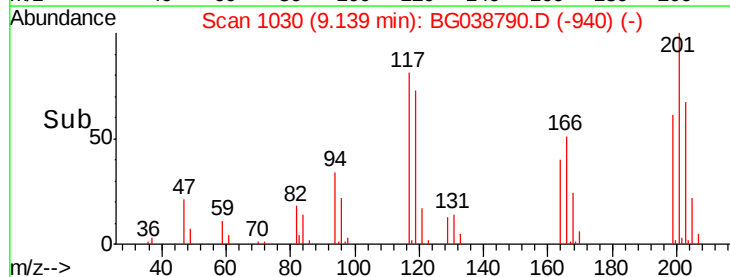
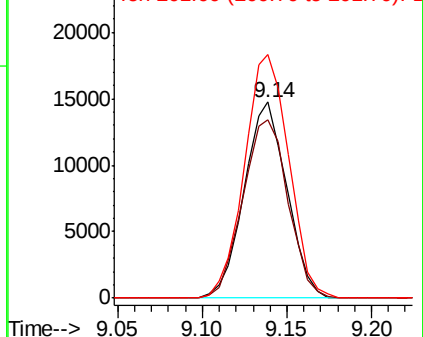


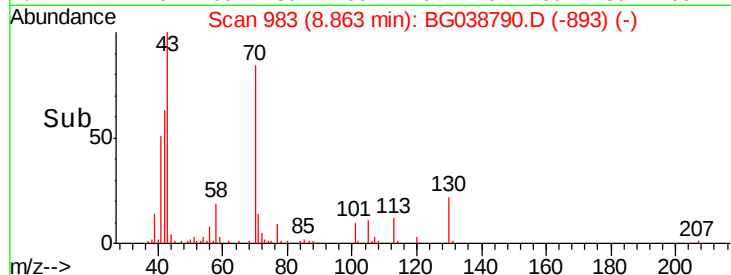
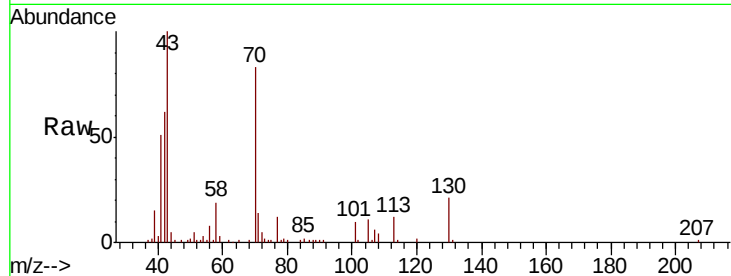
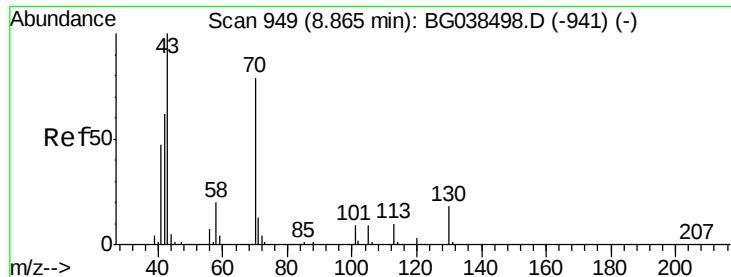
#18
Hexachloroethane
Concen: 35.402 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:117 Resp: 25963
Ion Ratio Lower Upper
117 100
119 90.9 73.8 110.8
201 127.9 89.4 134.0



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

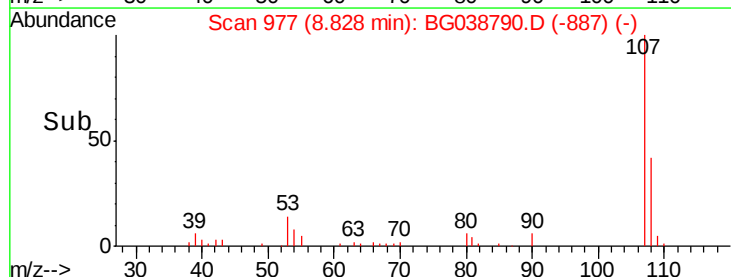
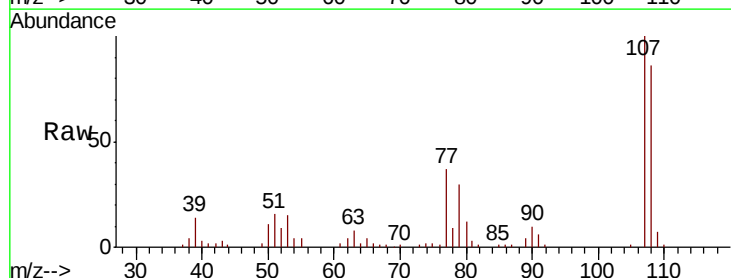
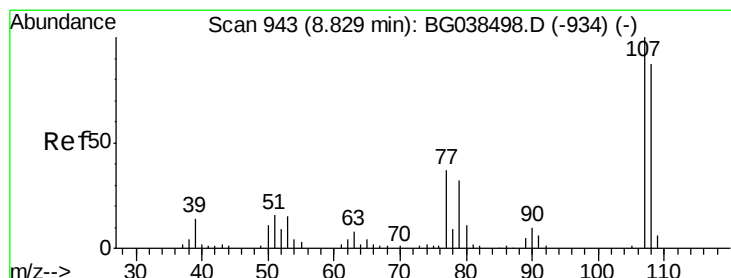
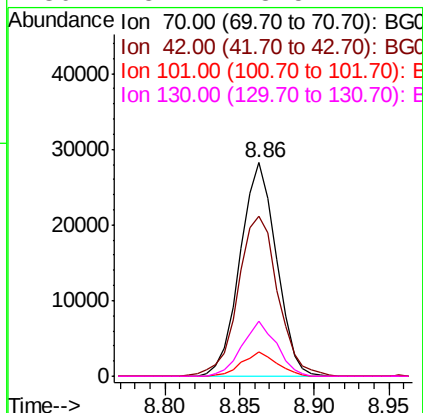




#19
n-Nitroso-di-n-propylamine
Concen: 34.518 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

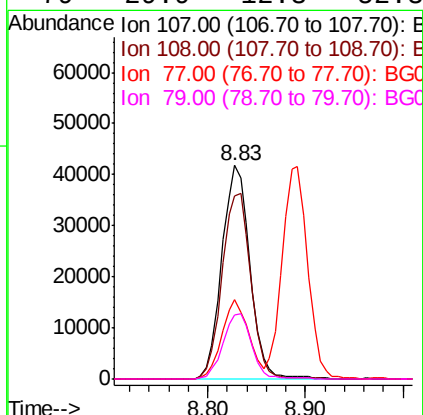
Instrument :
BNA_G
ClientSampleId :
PB115909BS

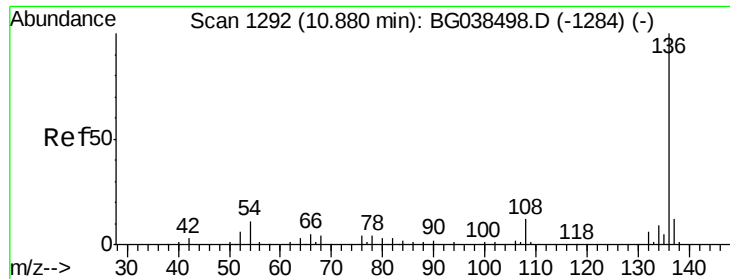
Tgt Ion:	70	Resp:	47665
Ion	Ratio	Lower	Upper
70	100		
42	75.2	63.6	95.4
101	11.5	9.2	13.8
130	25.7	18.5	27.7



#20
3+4-Methylphenols
Concen: 43.099 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:	107	Resp:	83298
Ion	Ratio	Lower	Upper
107	100		
108	85.7	66.7	106.7
77	37.0	17.3	57.3
79	29.9	12.3	52.3

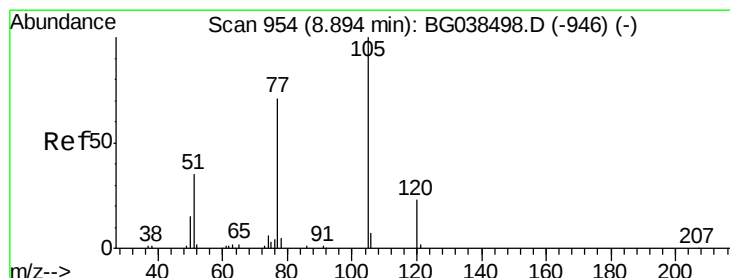
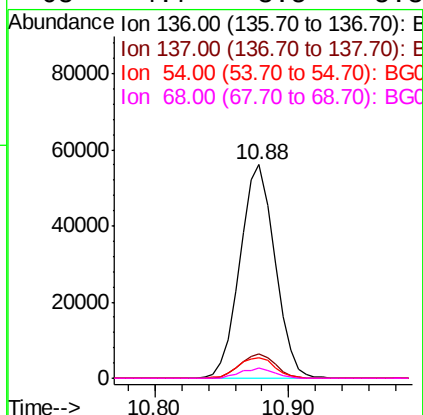
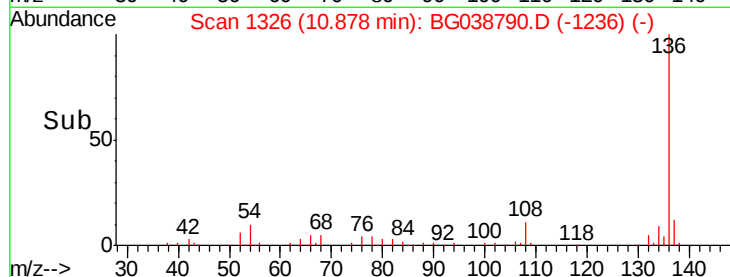
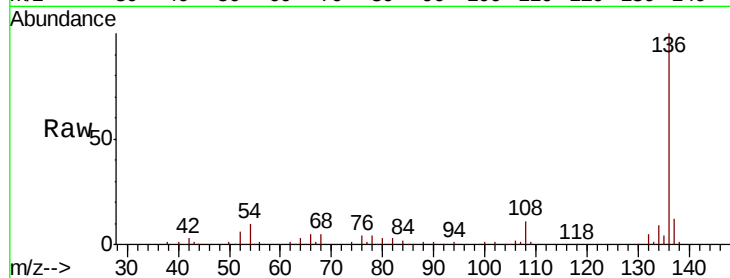




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

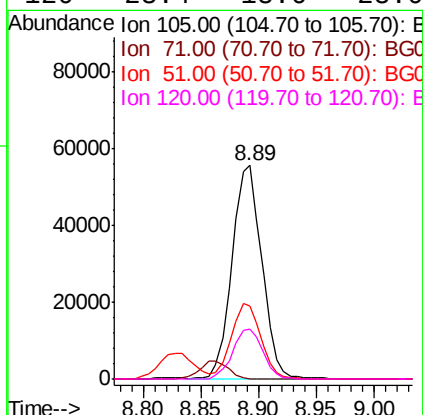
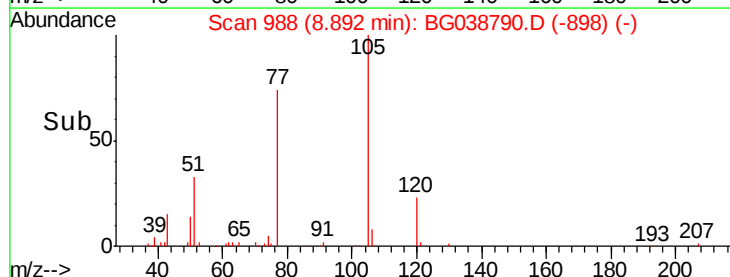
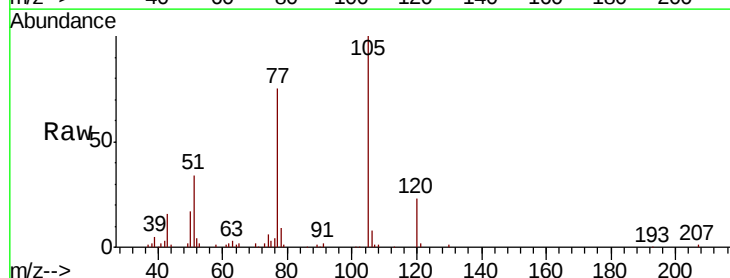
Instrument :
BNA_G
ClientSampleId :
PB115909BS

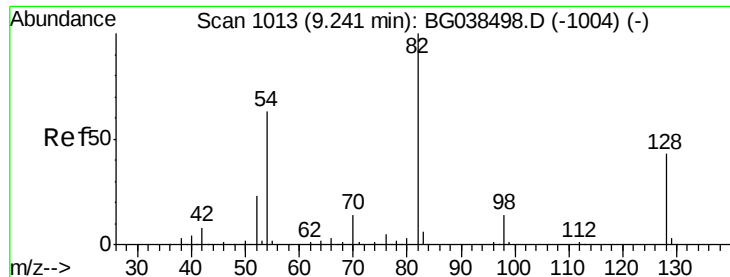
Tgt Ion:	136	Resp:	101543
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.9	8.5	12.7
68	4.7	3.5	5.3



#22
Acetophenone
Concen: 39.217 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:	105	Resp:	99467
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.4	0.6#
51	34.1	30.6	46.0
120	23.4	18.6	28.0

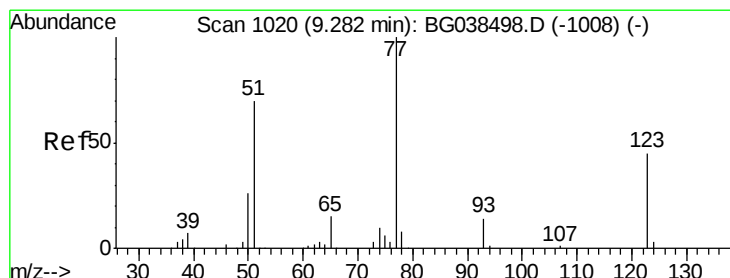
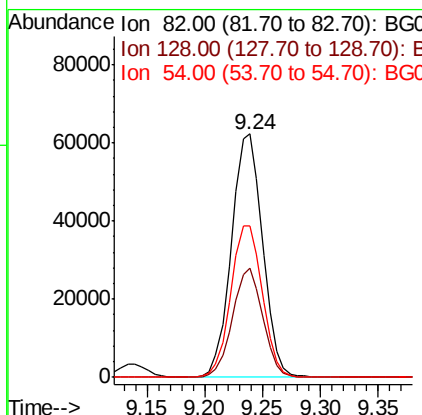
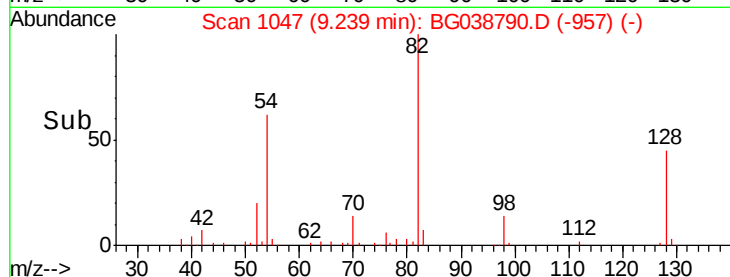
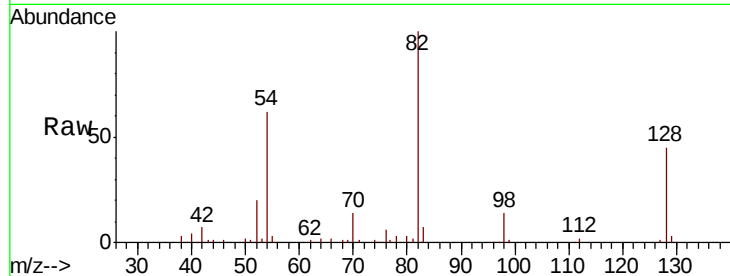




#23
 Nitrobenzene-d5
 Concen: 58.510 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

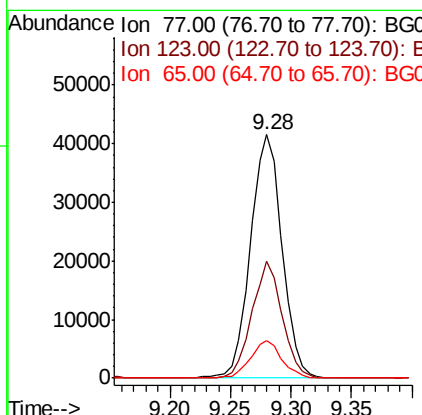
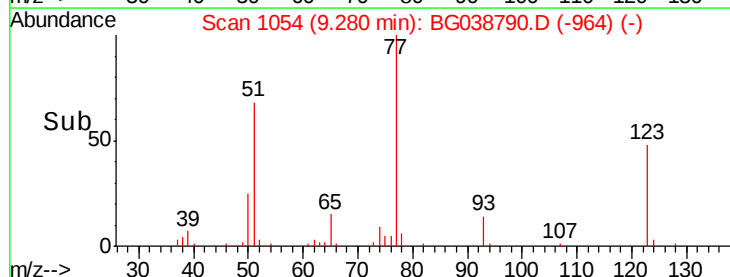
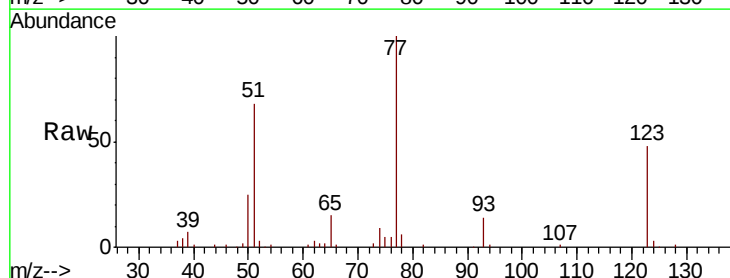
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

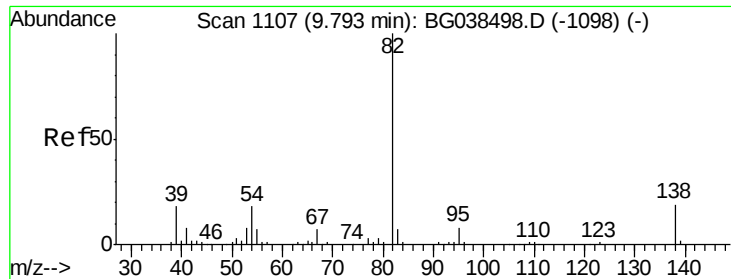
Tgt Ion: 82 Resp: 116297
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 62.4 50.6 76.0



#24
 Nitrobenzene
 Concen: 37.437 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion: 77 Resp: 75276
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.9 53.9
 65 15.2 12.0 18.0

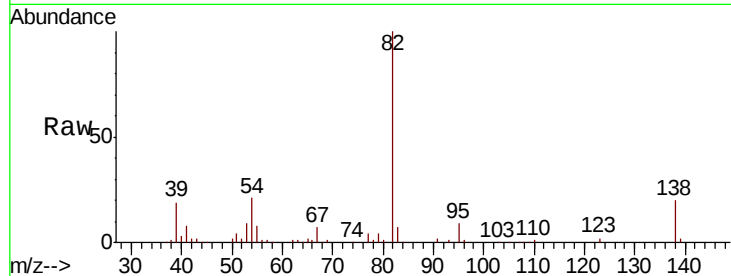




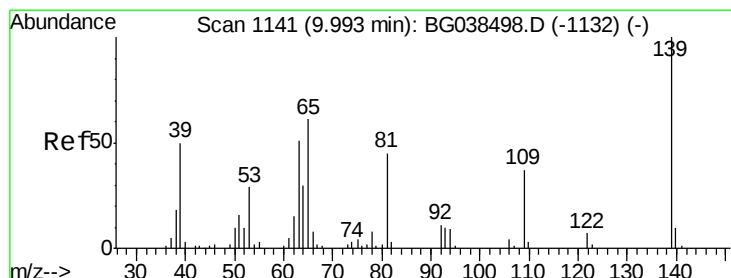
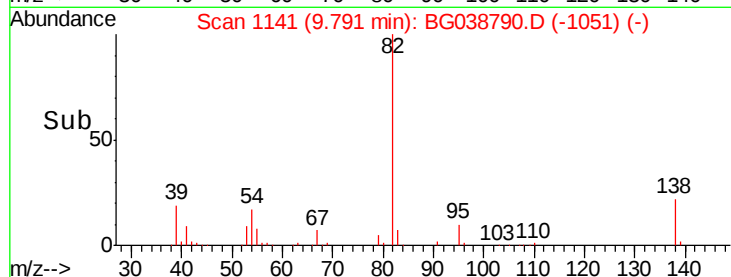
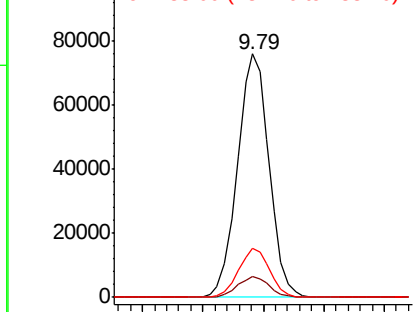
#25
Isophorone
Concen: 38.531 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion: 82 Resp: 137601
Ion Ratio Lower Upper
82 100
95 8.7 6.1 9.1
138 20.1 14.9 22.3

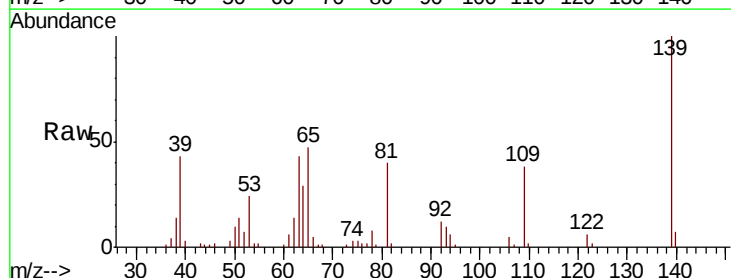


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

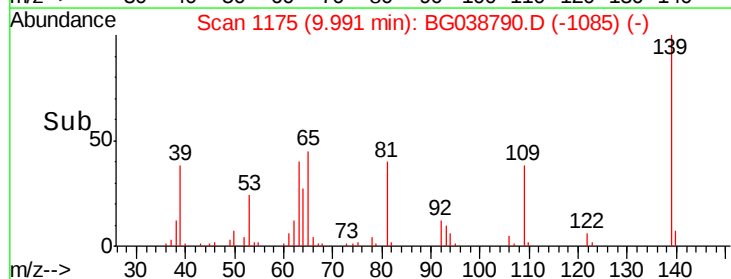
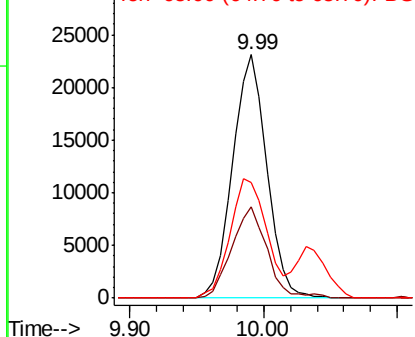


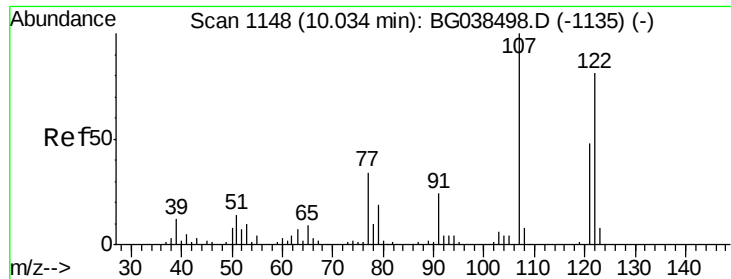
#26
2-Nitrophenol
Concen: 39.941 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion: 139 Resp: 41105
Ion Ratio Lower Upper
139 100
109 37.6 29.5 44.3
65 47.5 48.5 72.7#



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

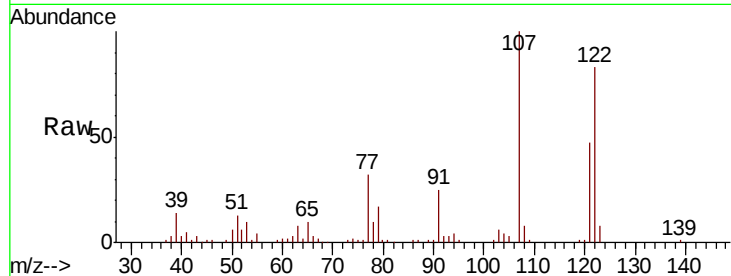




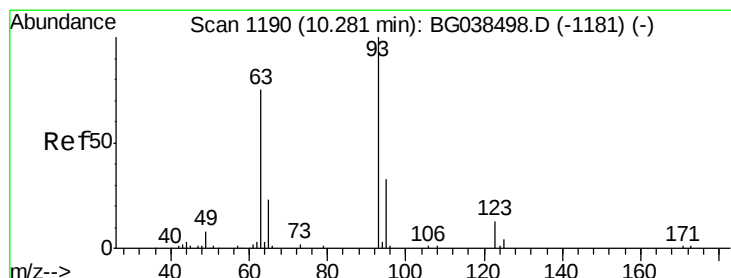
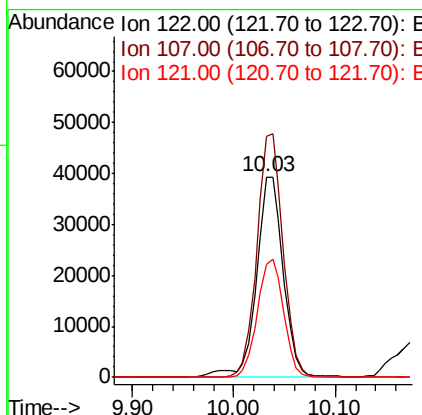
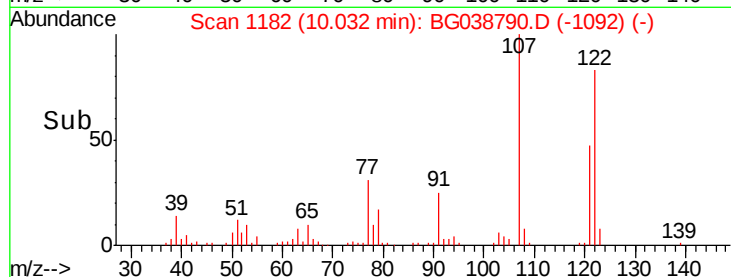
#27
2,4-Dimethylphenol
Concen: 48.810 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion:122 Resp: 71991
Ion Ratio Lower Upper
122 100
107 120.1 98.4 147.6
121 56.6 47.2 70.8

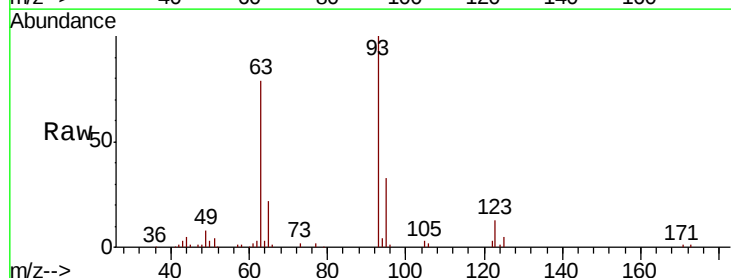


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

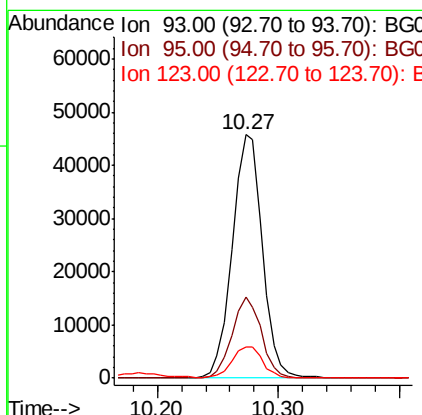
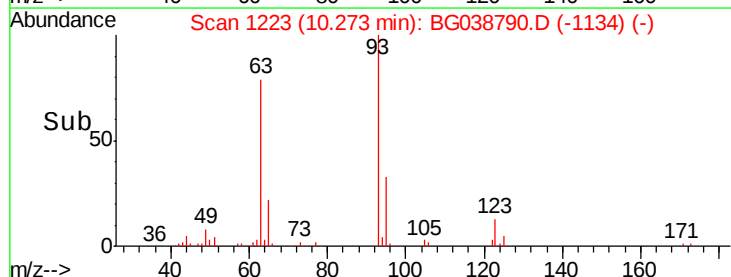


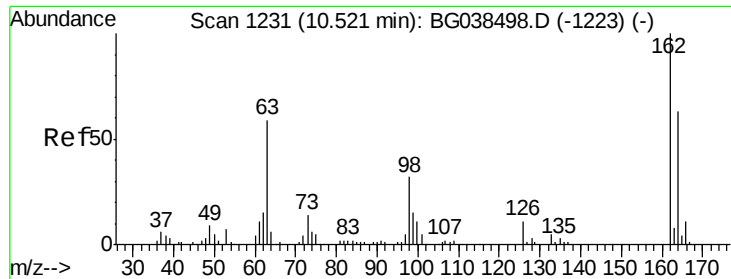
#28
bis(2-Chloroethoxy)methane
Concen: 39.312 ng
RT: 10.27 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion: 93 Resp: 79227
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.5 10.6 16.0



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

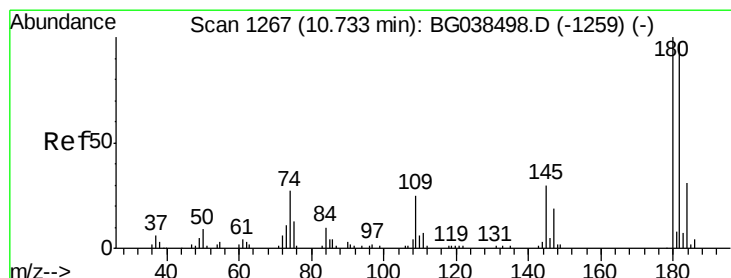
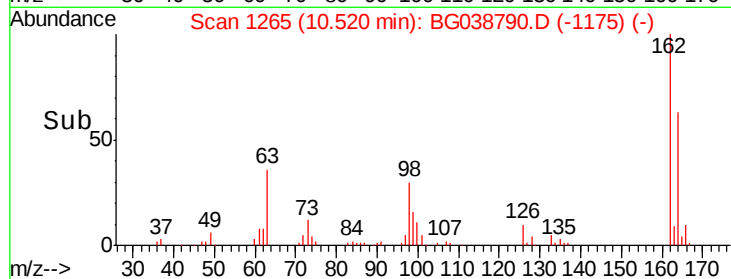
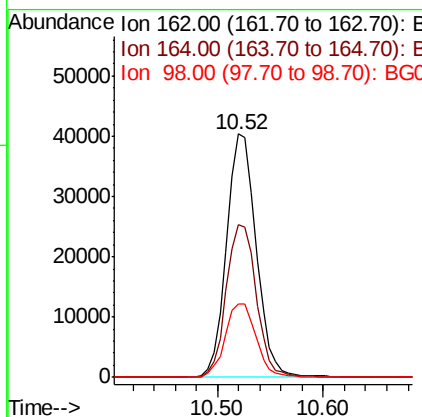
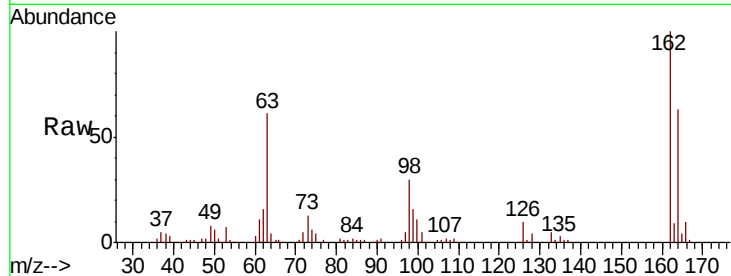




#29
 2,4-Dichlorophenol
 Concen: 47.796 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

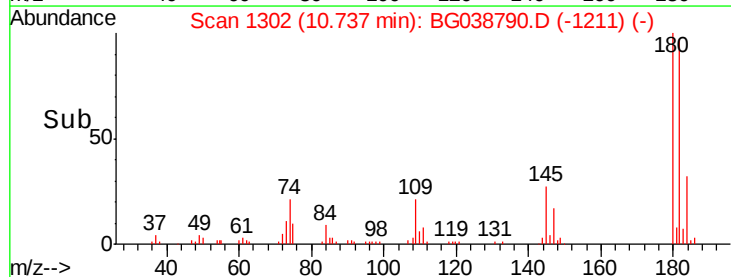
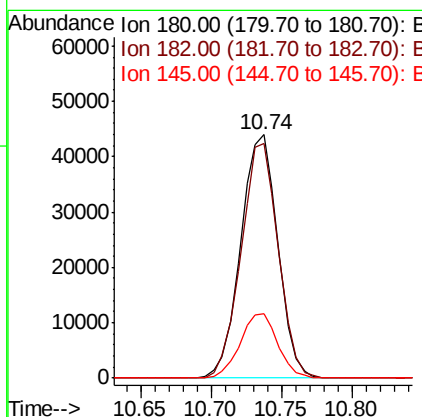
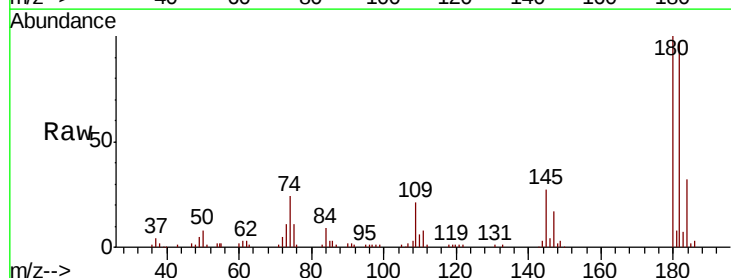
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

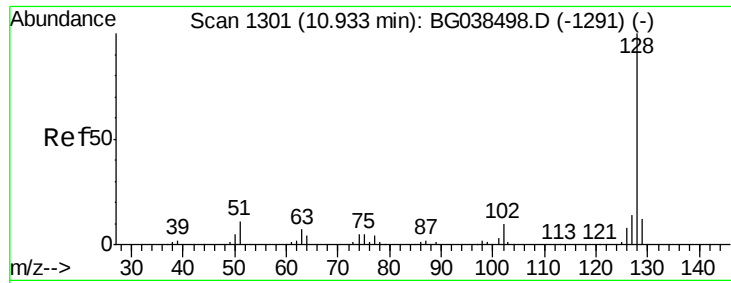
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	42.9	82.9
98	30.3	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.741 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.4	116.0
145	26.6	24.1	36.1

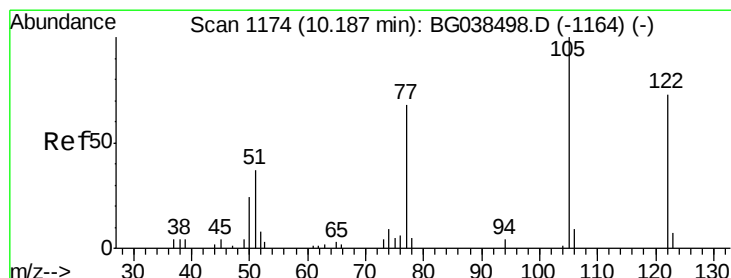
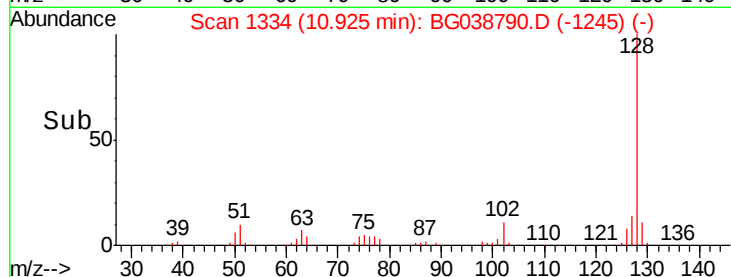
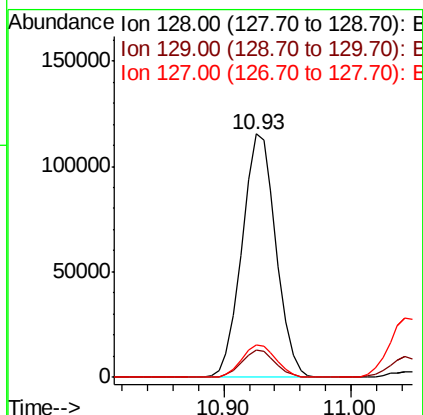
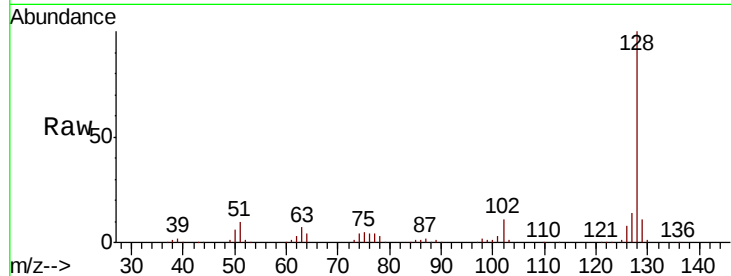




#31
Naphthalene
Concen: 42.722 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

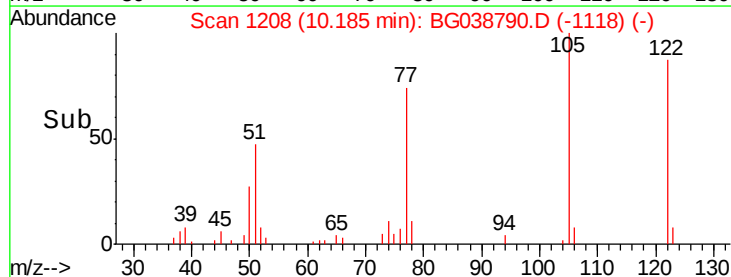
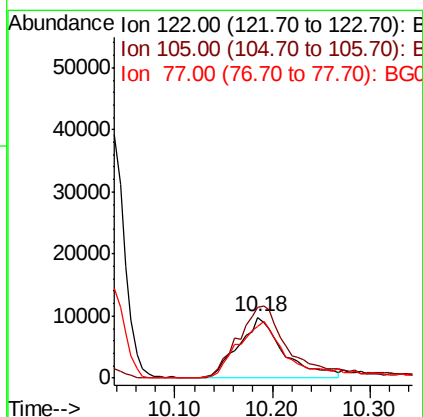
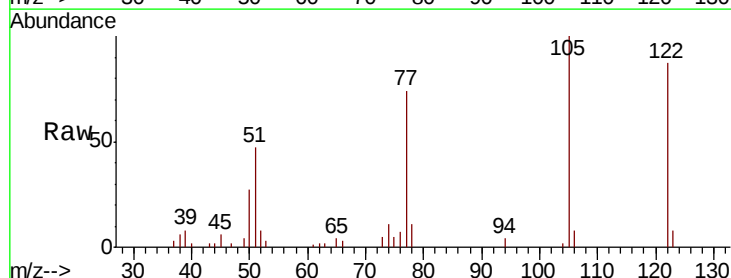
Instrument :
BNA_G
ClientSampleId :
PB115909BS

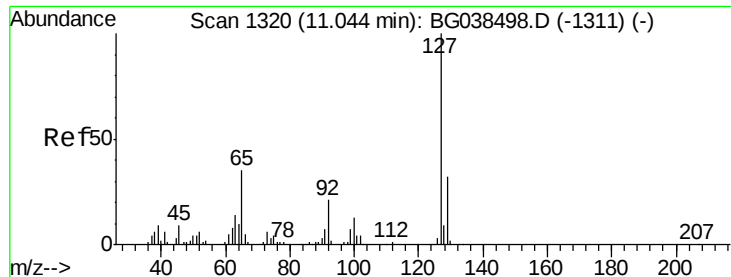
Tgt Ion:128 Resp: 213743
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 36.943 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:122 Resp: 31827
Ion Ratio Lower Upper
122 100
105 114.9 116.7 156.7#
77 85.1 72.5 112.5

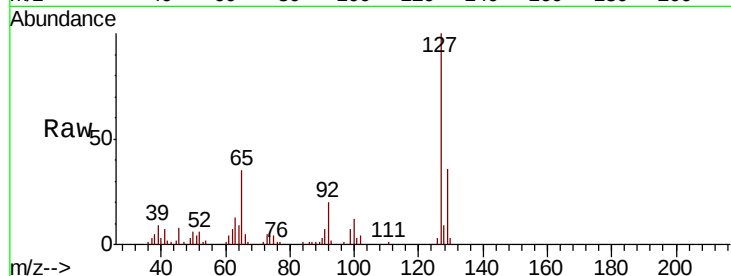




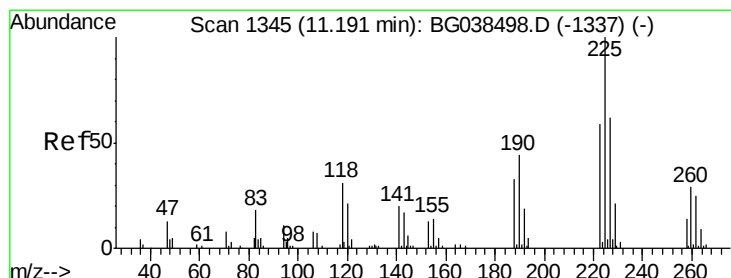
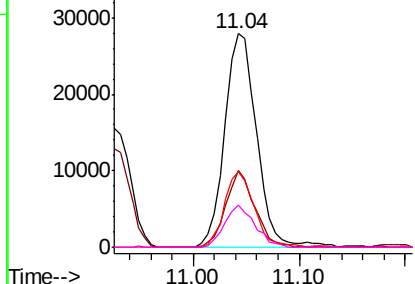
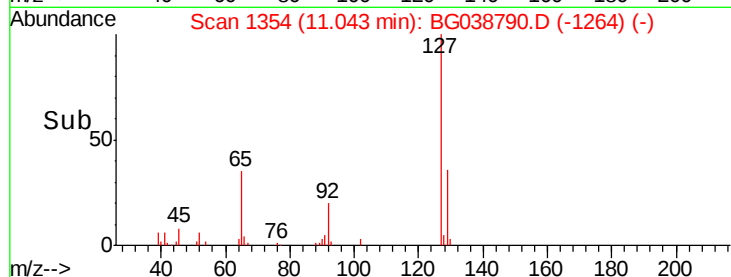
#33
4-Chloroaniline
Concen: 26.819 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion:	127	Resp:	58253
Ion	Ratio	Lower	Upper
127	100		
129	36.2	25.8	38.8
65	35.4	27.8	41.6
92	19.8	17.0	25.6

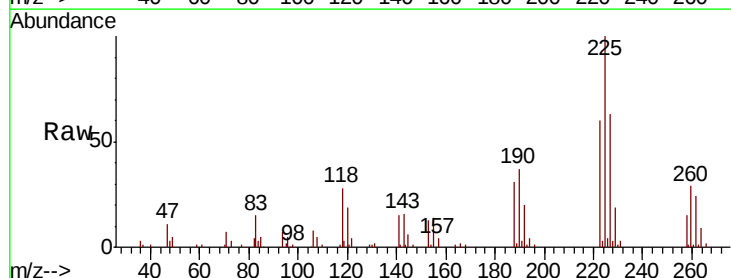


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

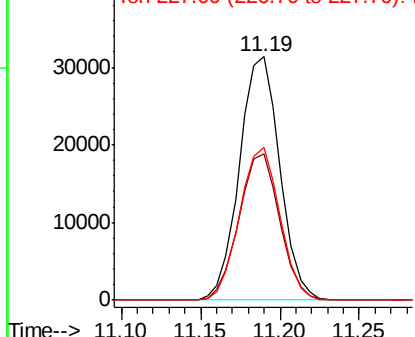
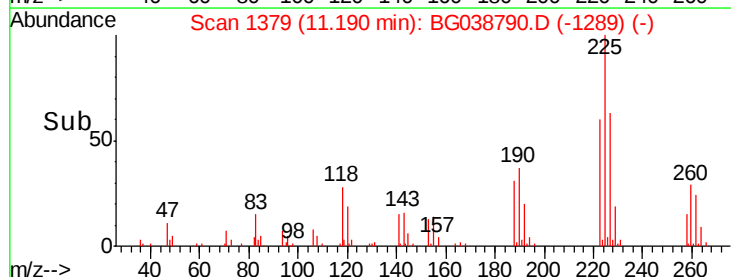


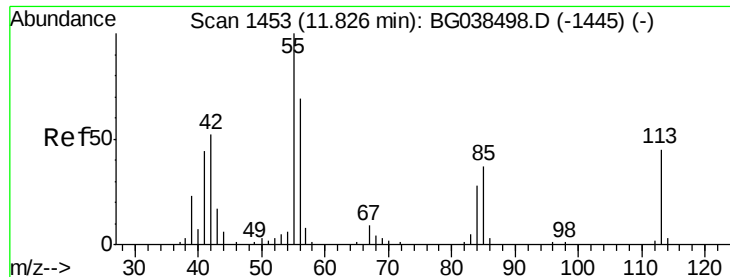
#34
Hexachlorobutadiene
Concen: 41.390 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:	225	Resp:	55508
Ion	Ratio	Lower	Upper
225	100		
223	60.6	45.0	67.6
227	62.8	50.6	75.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.074 ng

RT: 11.84 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

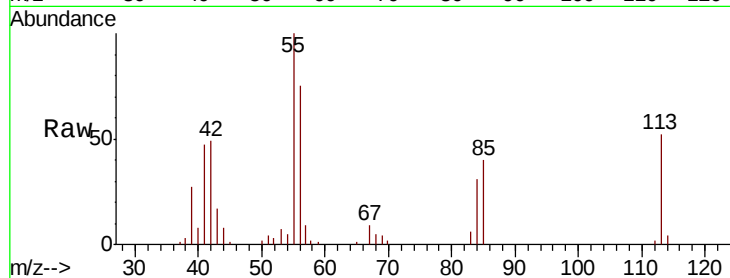
Tgt Ion:113 Resp: 24496

Ion Ratio Lower Upper

113 100

55 193.2 204.3 244.3#

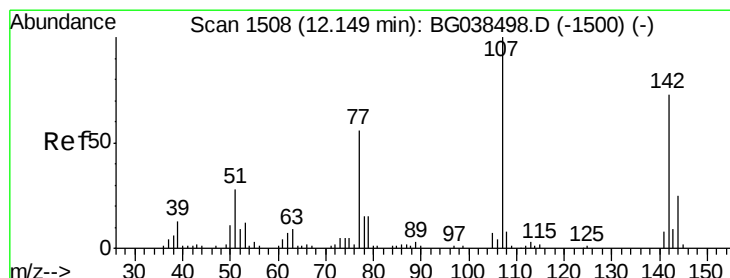
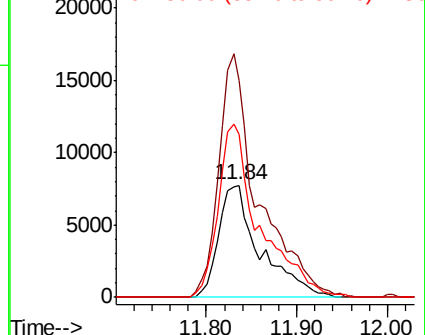
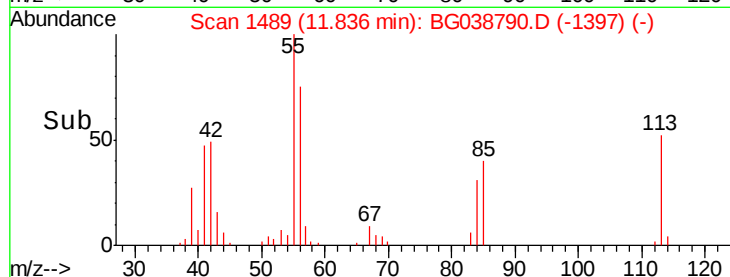
56 145.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.201 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

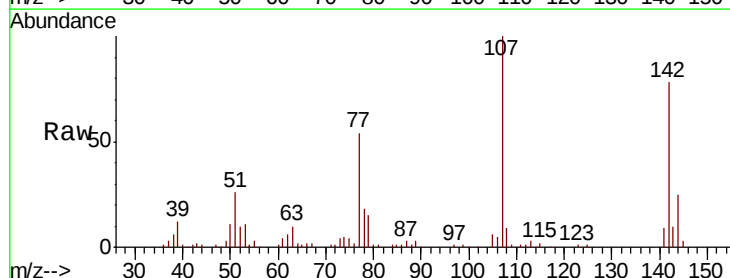
Tgt Ion:107 Resp: 79021

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

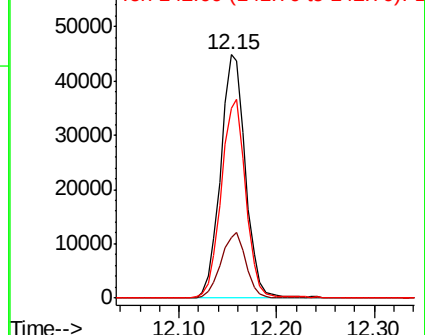
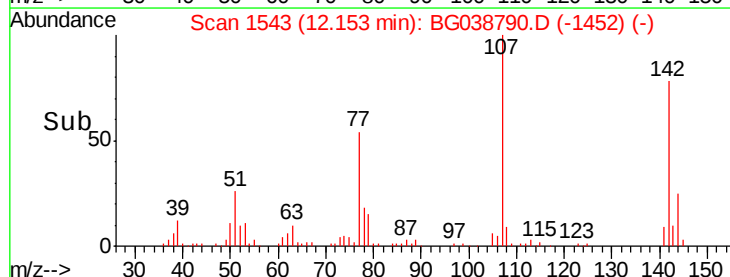
142 78.2 58.7 88.1

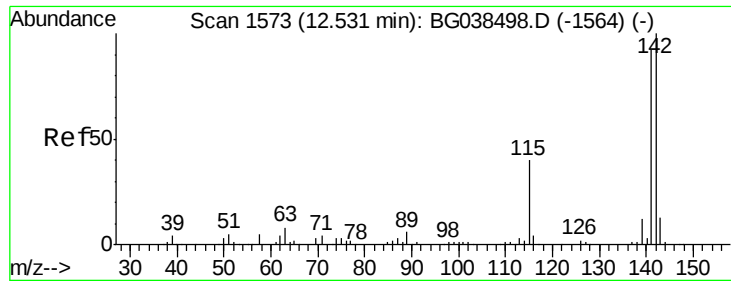


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

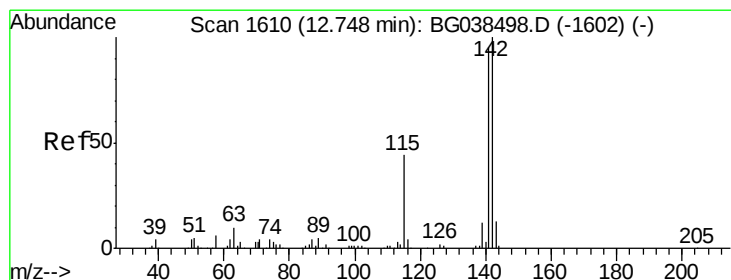
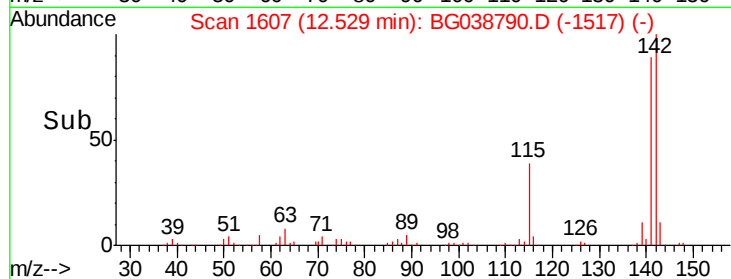
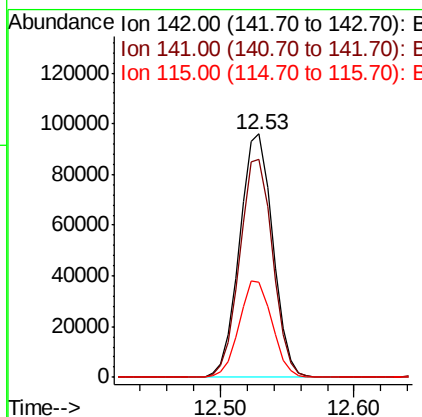
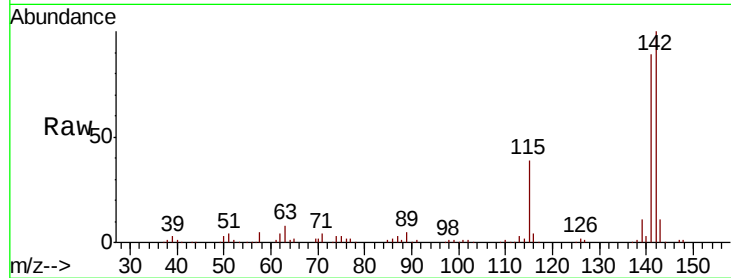




#37
 2-Methylnaphthalene
 Concen: 46.174 ng
 RT: 12.53 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

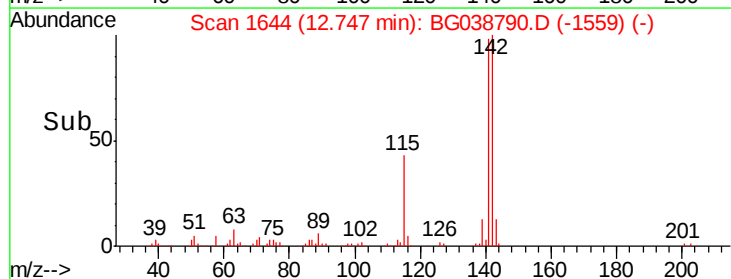
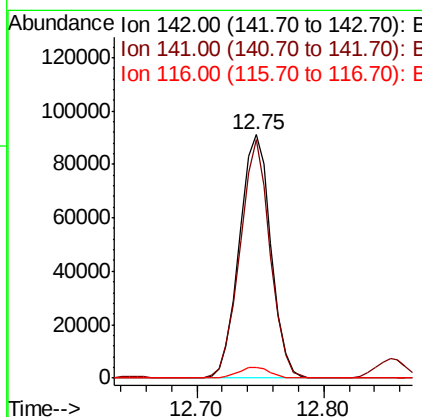
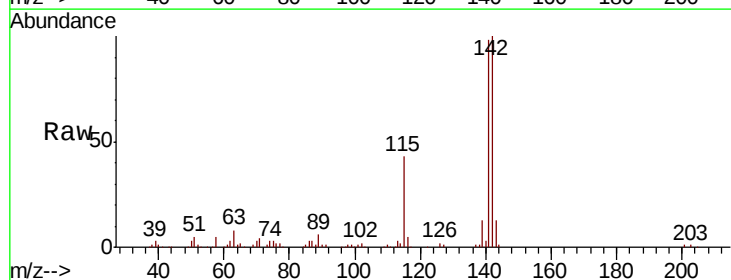
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

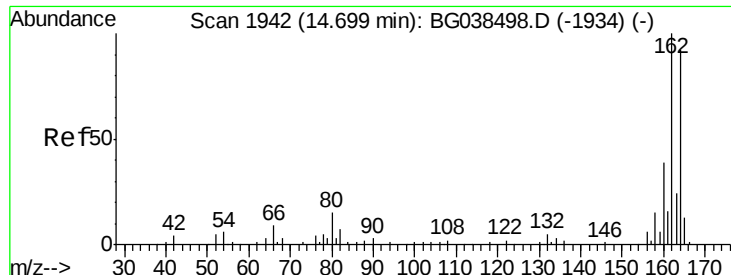
Tgt Ion:142 Resp: 164807
 Ion Ratio Lower Upper
 142 100
 141 89.3 73.5 110.3
 115 39.1 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 45.226 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:142 Resp: 156644
 Ion Ratio Lower Upper
 142 100
 141 98.0 75.8 113.8
 116 4.6 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

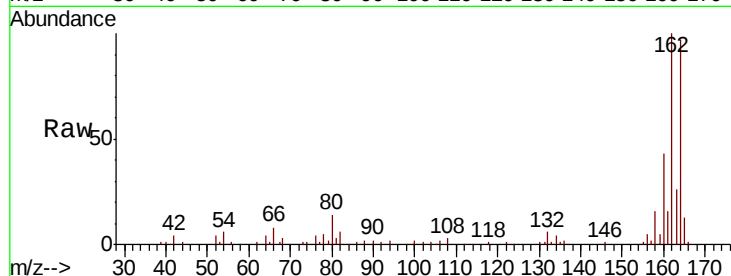
Tgt Ion:164 Resp: 69374

Ion Ratio Lower Upper

164 100

162 102.6 86.6 130.0

160 44.4 34.2 51.2

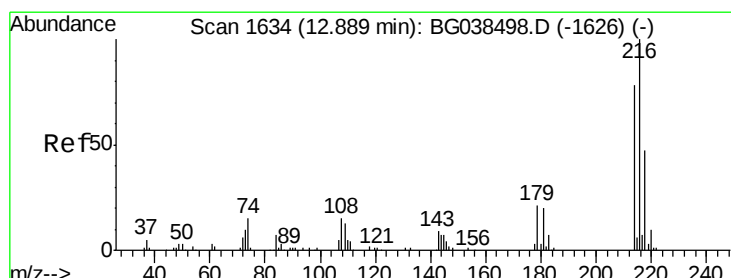
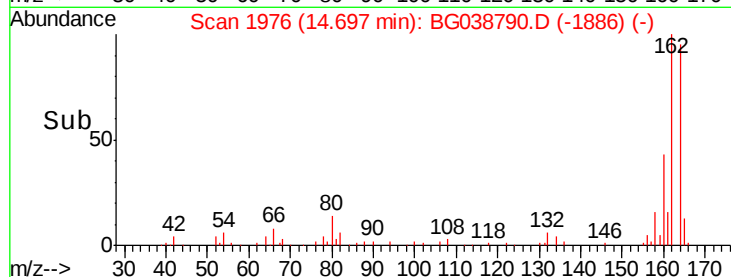
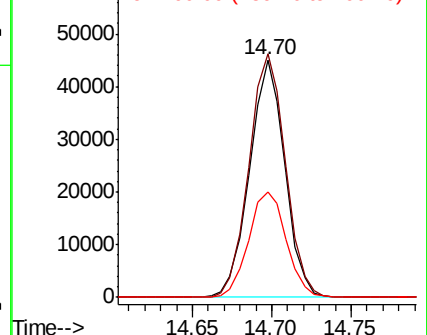


Abundance

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: 39.702 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion:216 Resp: 102955

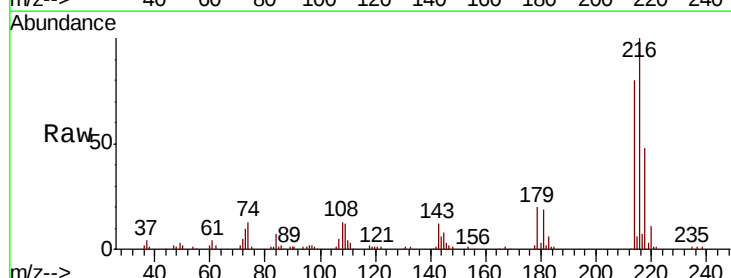
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 19.5 16.4 24.6

108 16.6 13.9 20.9



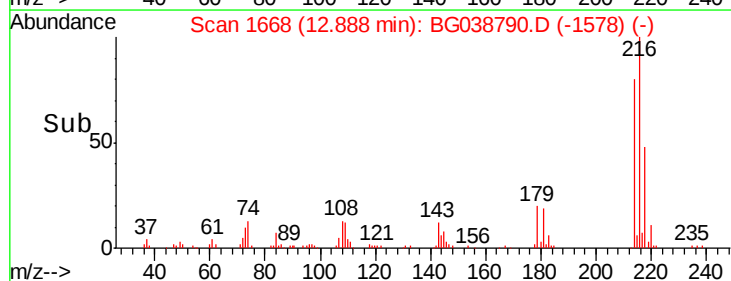
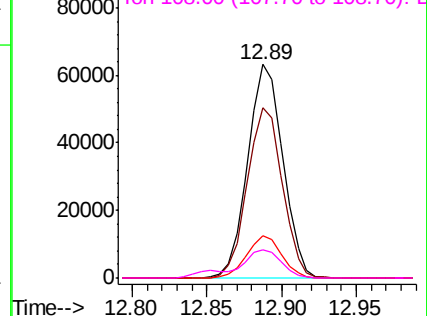
Abundance

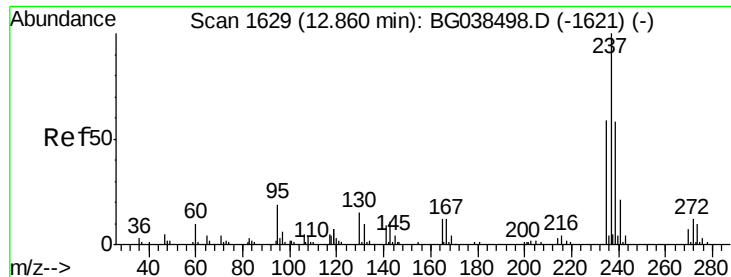
Ion 216.00 (215.70 to 216.70): E

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: 81.803 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

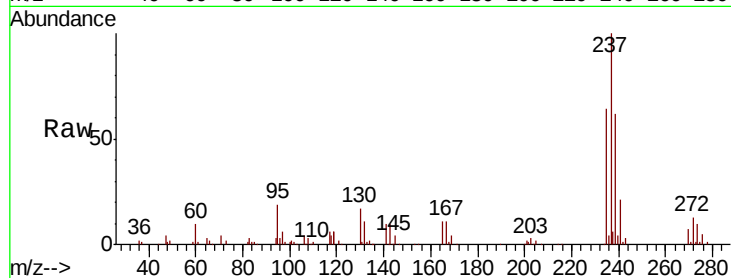
Tgt Ion:237 Resp: 116543

Ion Ratio Lower Upper

237 100

235 63.7 38.8 78.8

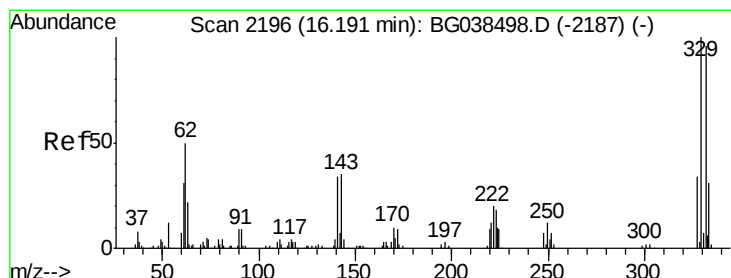
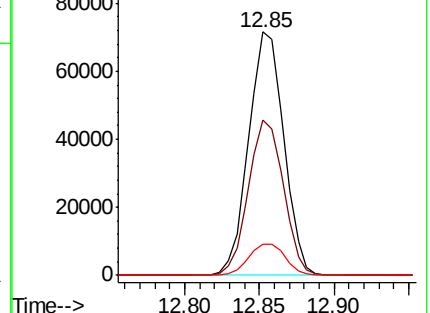
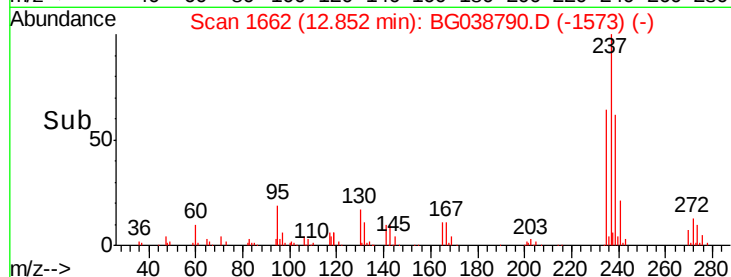
272 12.7 0.0 32.0



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: 123.881 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

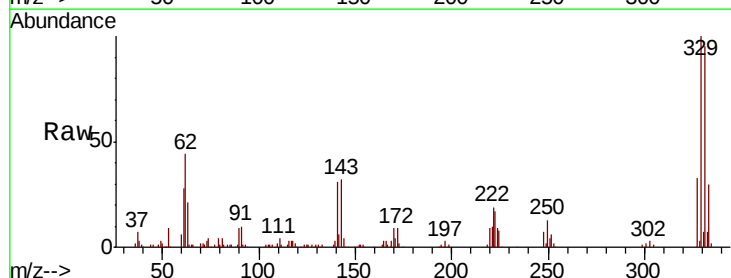
Tgt Ion:330 Resp: 118442

Ion Ratio Lower Upper

330 100

332 98.2 76.9 115.3

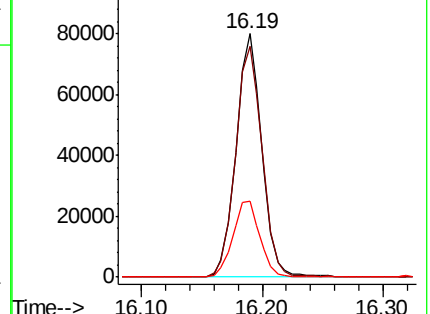
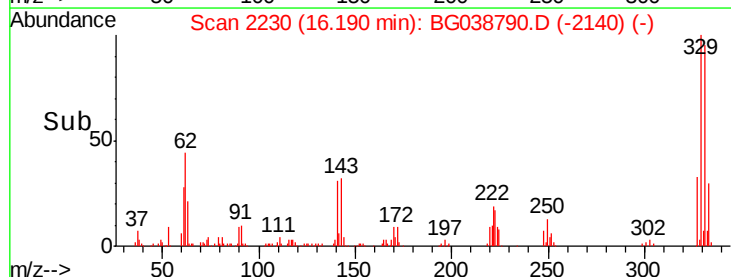
141 32.8 28.8 43.2

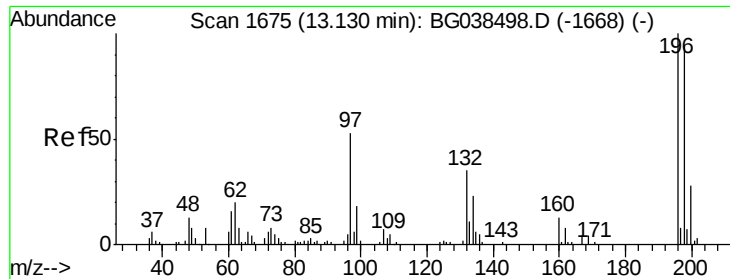


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

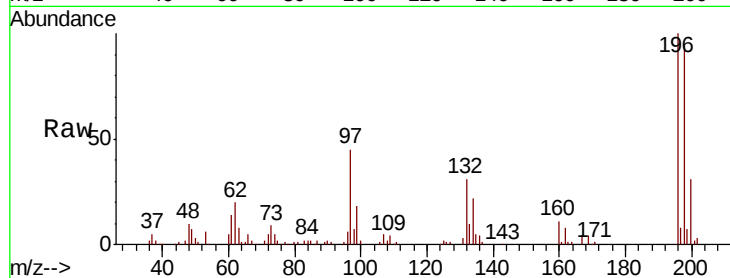




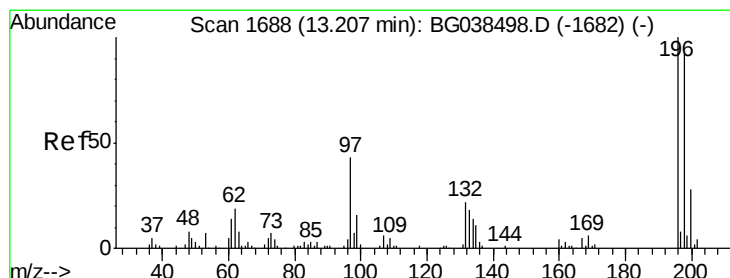
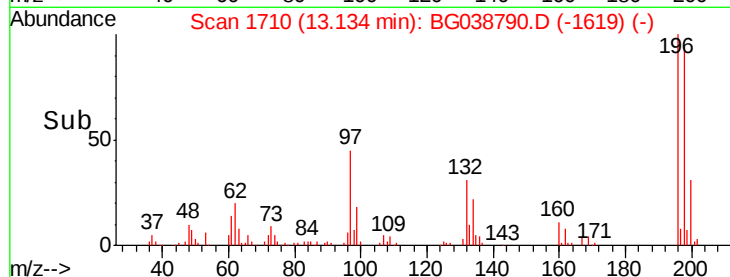
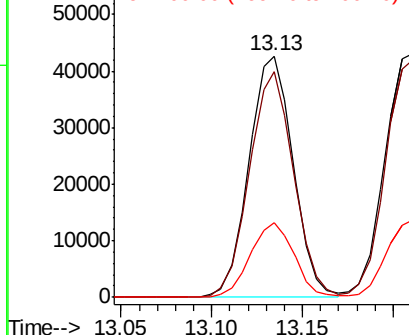
#43
 2,4,6-Trichlorophenol
 Concen: 45.159 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion:196 Resp: 72004
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.0 112.4
 200 30.8 22.4 33.6



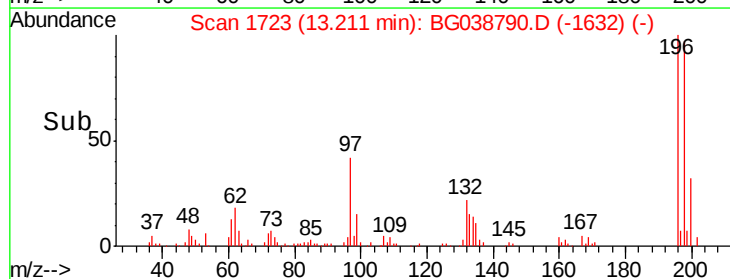
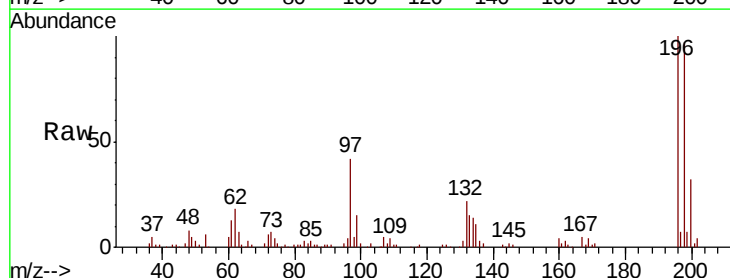
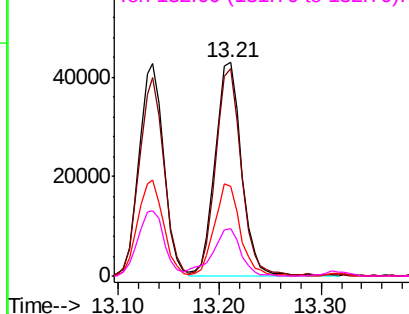
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

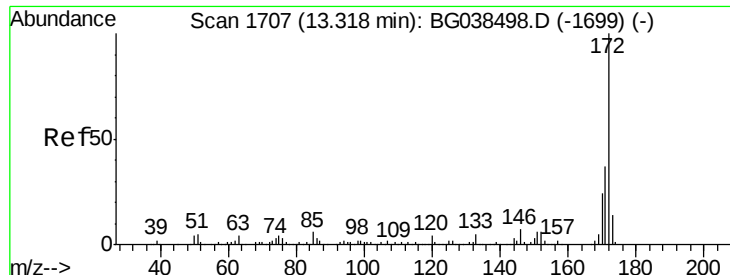


#44
 2,4,5-Trichlorophenol
 Concen: 46.419 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:196 Resp: 78363
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.0 111.0
 97 41.7 35.1 52.7
 132 22.0 18.0 27.0

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

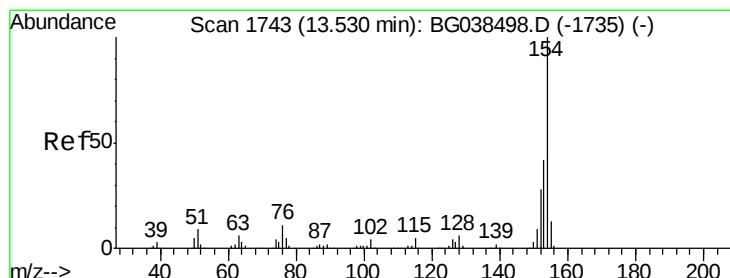
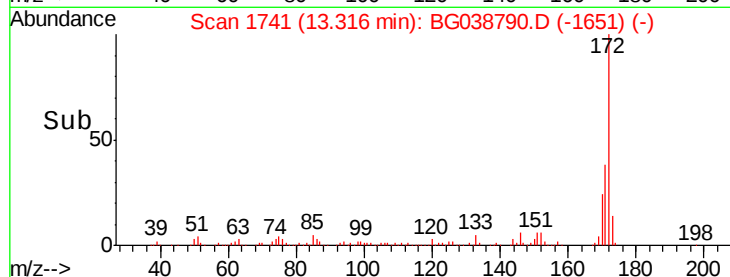
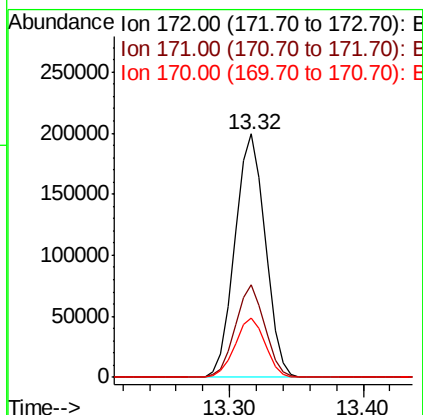
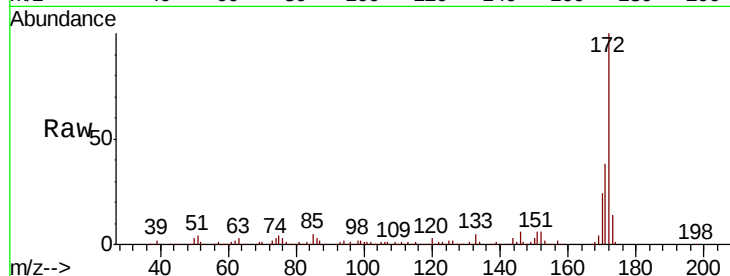




#45
 2-Fluorobiphenyl
 Concen: 61.954 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

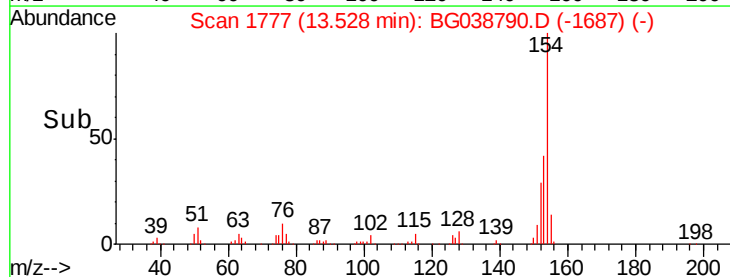
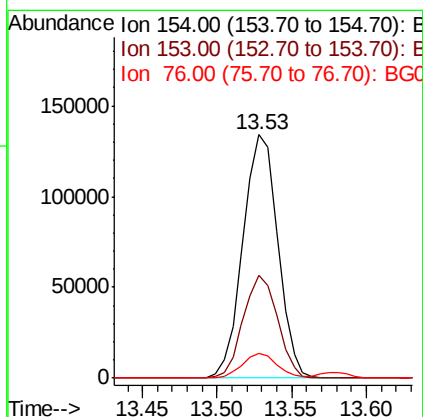
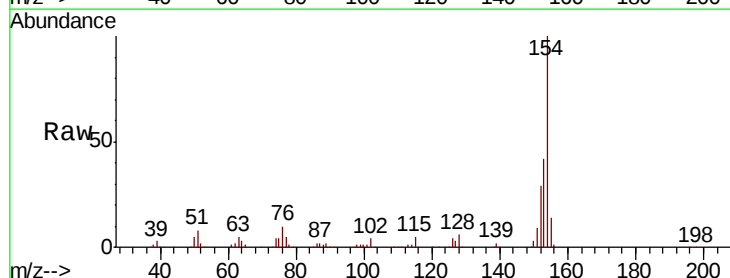
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

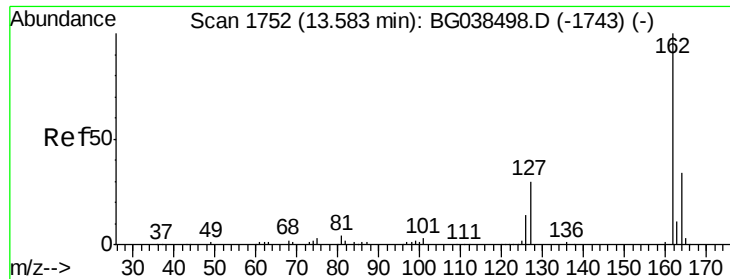
Tgt Ion:172 Resp: 313298
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.8 44.6
 170 24.3 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 37.243 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:154 Resp: 216598
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 10.3 0.0 31.2

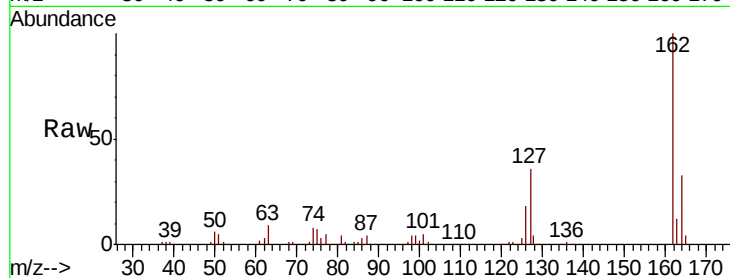




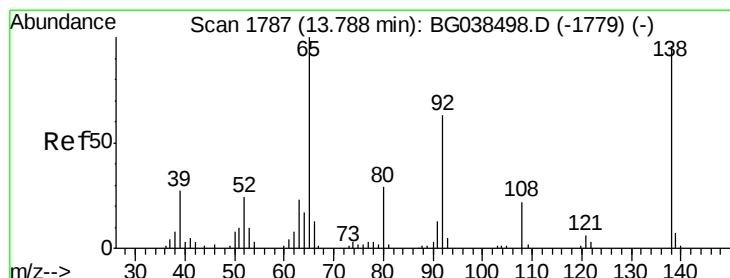
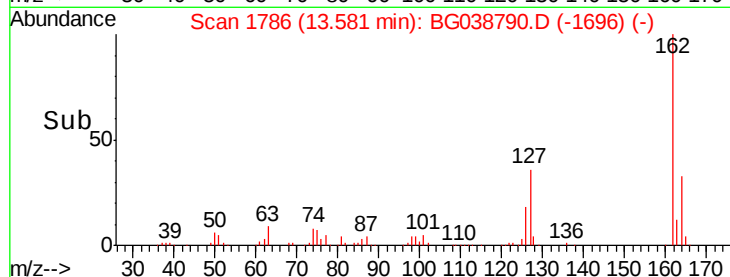
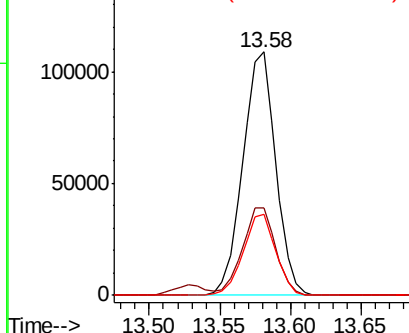
#47
 2-Chloronaphthalene
 Concen: 39.539 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	27.8	41.8
164	33.4	26.9	40.3

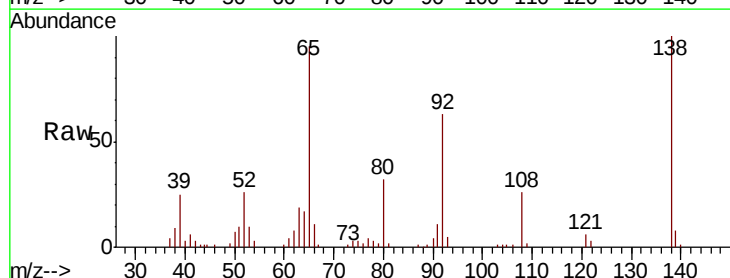


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

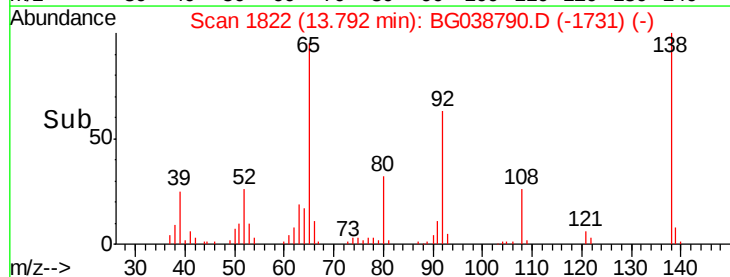
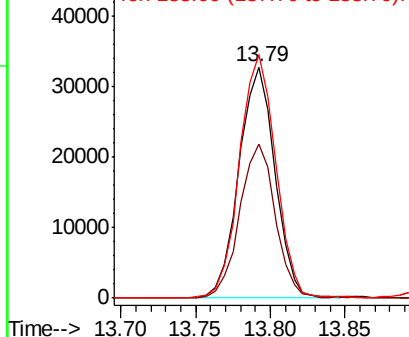


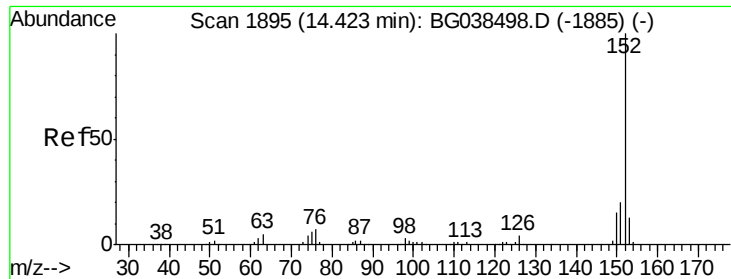
#48
 2-Nitroaniline
 Concen: 38.276 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	50.0	75.0
138	105.3	76.9	115.3



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





#49

Acenaphthylene

Concen: 42.682 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

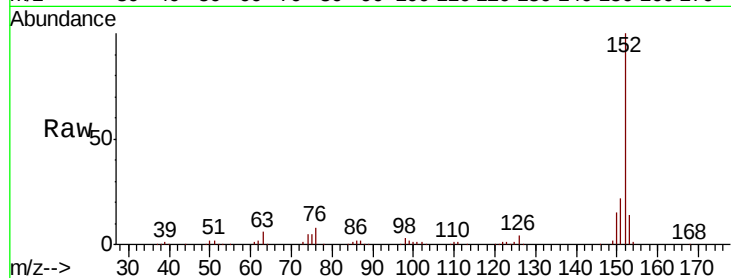
Tgt Ion:152 Resp: 286646

Ion Ratio Lower Upper

152 100

151 21.9 16.4 24.6

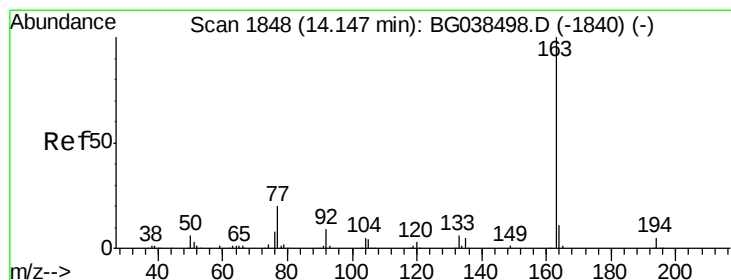
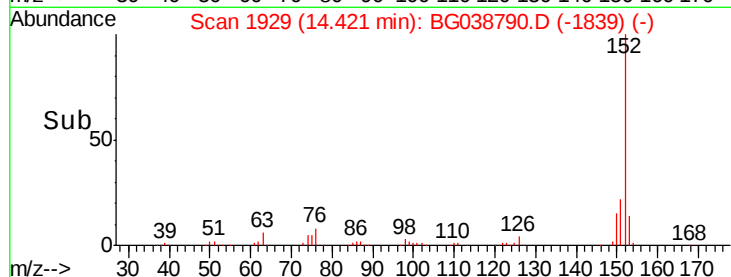
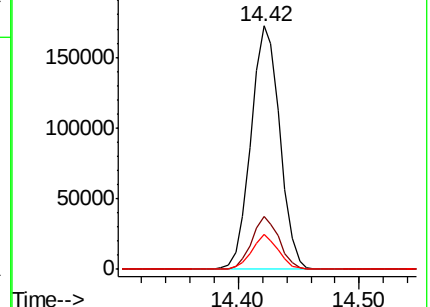
153 14.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.667 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

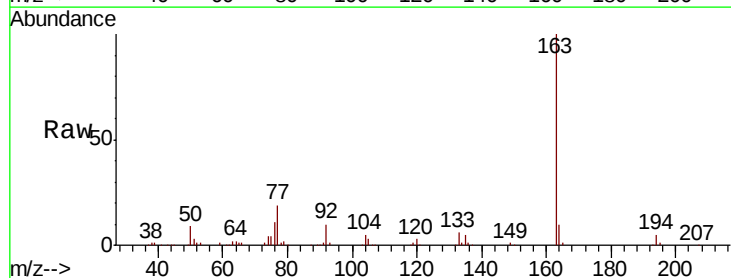
Tgt Ion:163 Resp: 230392

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

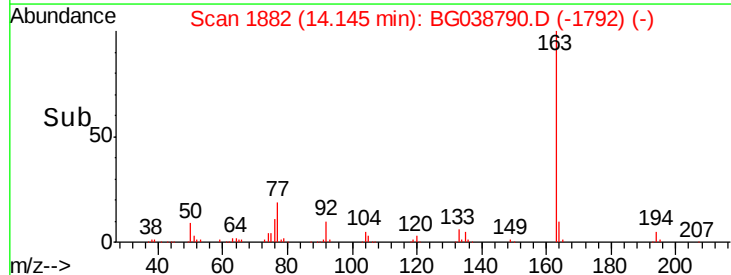
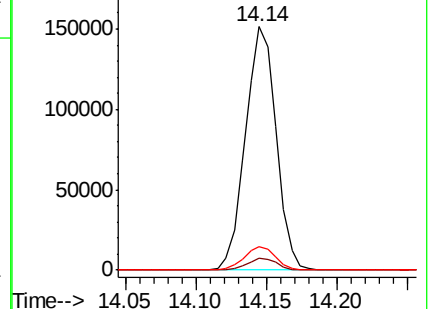
164 9.7 8.6 12.8

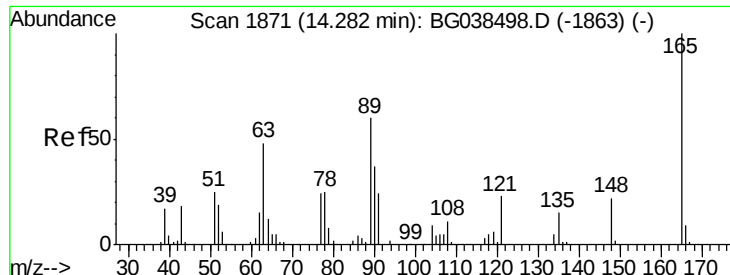


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

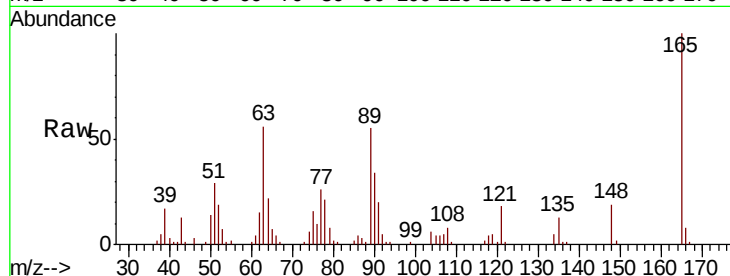




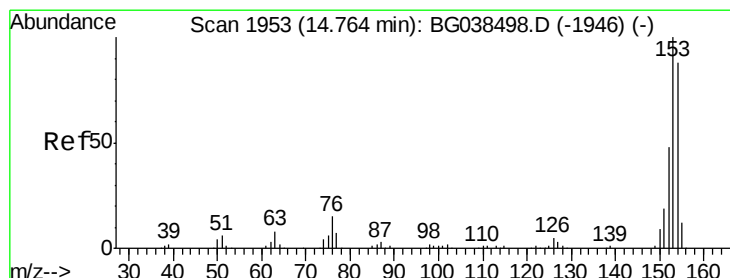
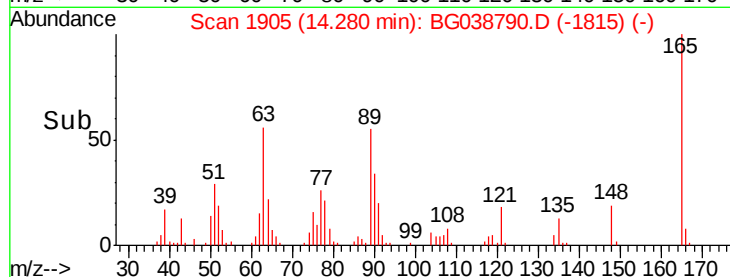
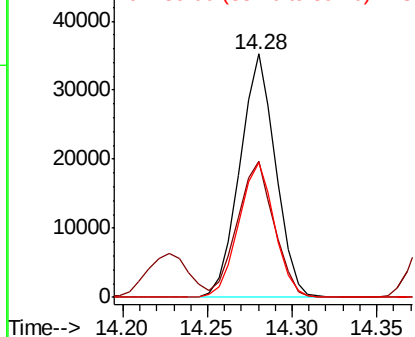
#51
 2,6-Dinitrotoluene
 Concen: 40.374 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion:165 Resp: 51835
 Ion Ratio Lower Upper
 165 100
 63 55.6 51.8 77.6
 89 55.3 47.9 71.9

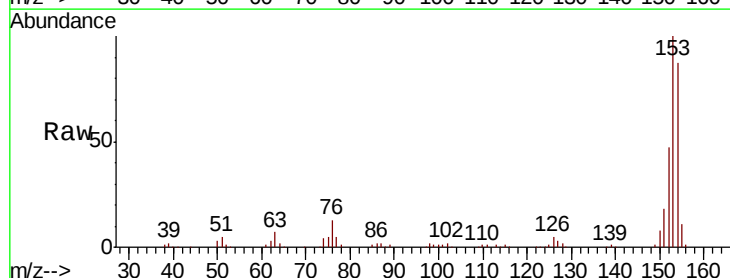


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

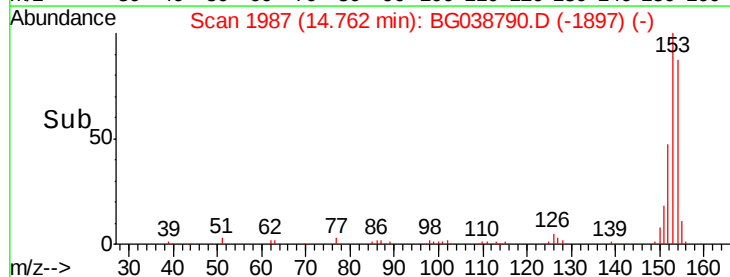
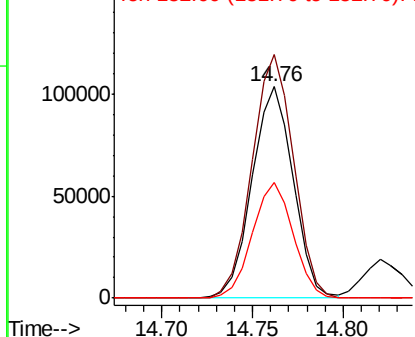


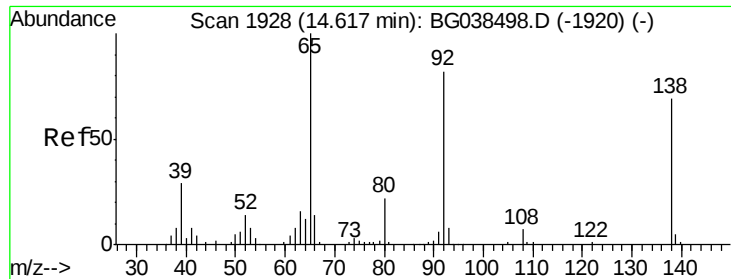
#52
 Acenaphthene
 Concen: 40.749 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:154 Resp: 163645
 Ion Ratio Lower Upper
 154 100
 153 115.1 90.6 136.0
 152 54.5 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

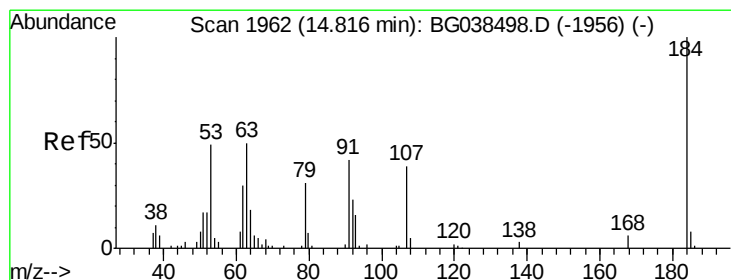
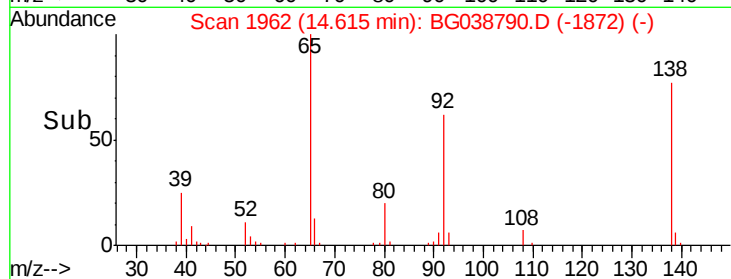
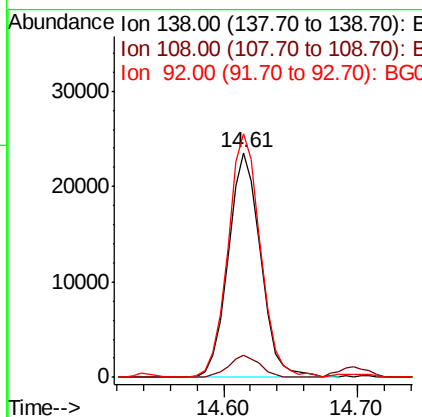
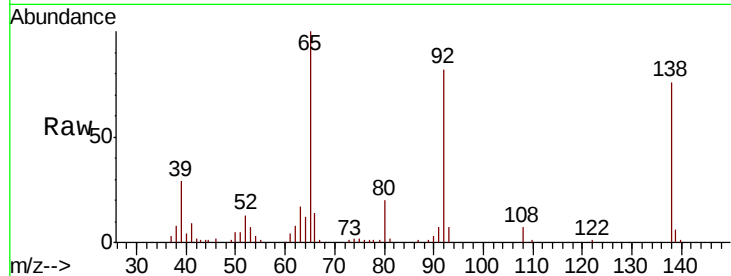




#53
3-Nitroaniline
Concen: 30.394 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

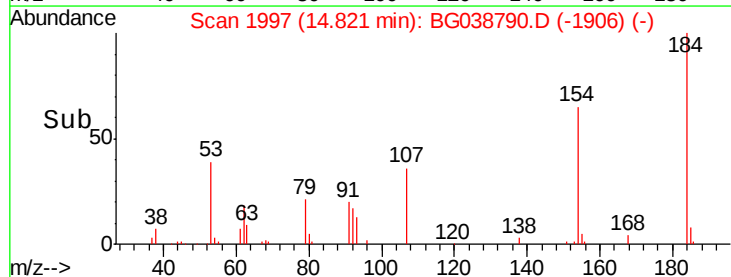
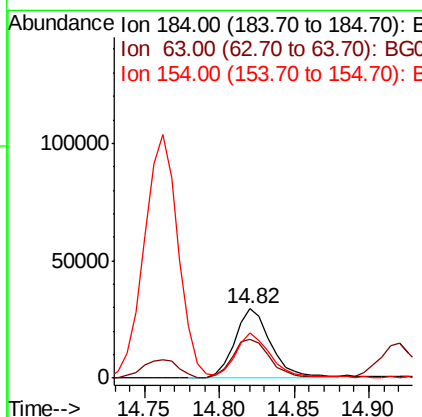
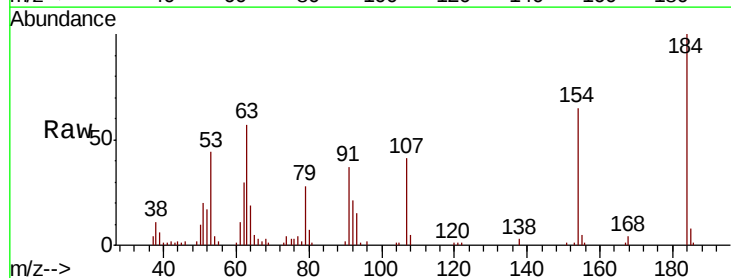
Instrument :
BNA_G
ClientSampleId :
PB115909BS

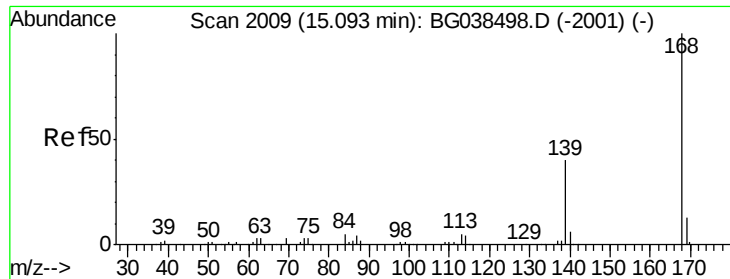
Tgt Ion:138 Resp: 39778
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 108.4 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 66.347 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:184 Resp: 49960
Ion Ratio Lower Upper
184 100
63 56.7 47.0 70.6
154 64.6 50.3 75.5

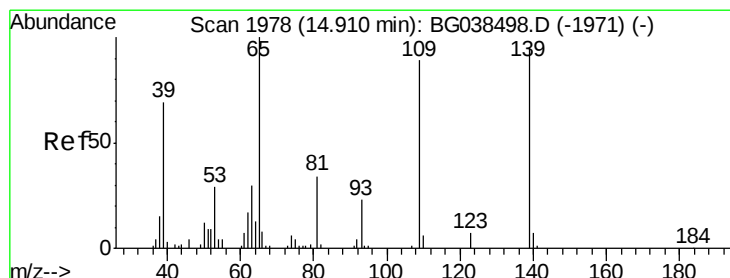
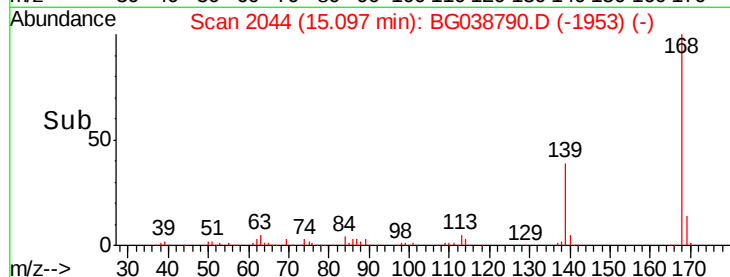
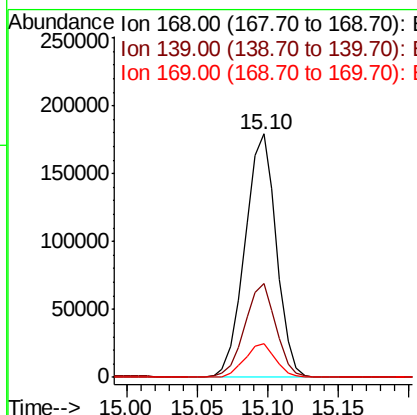
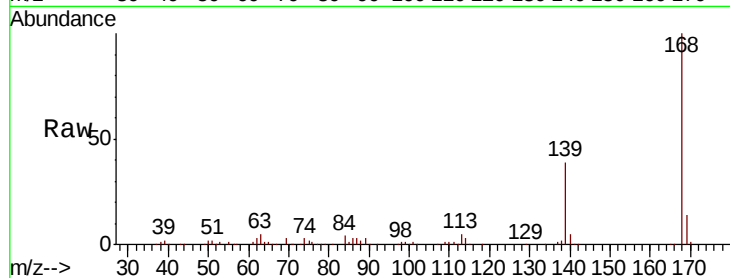




#55
Dibenzenofuran
Concen: 40.553 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

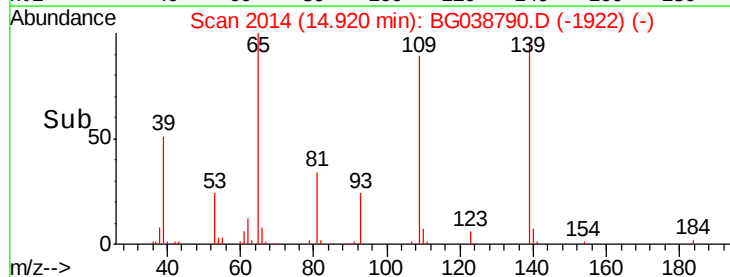
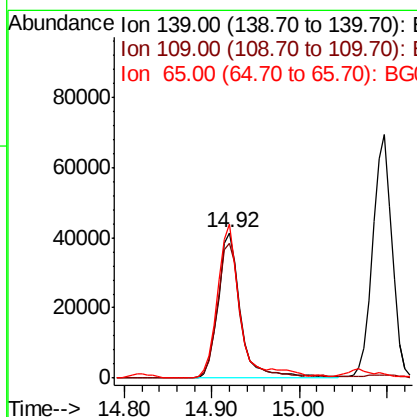
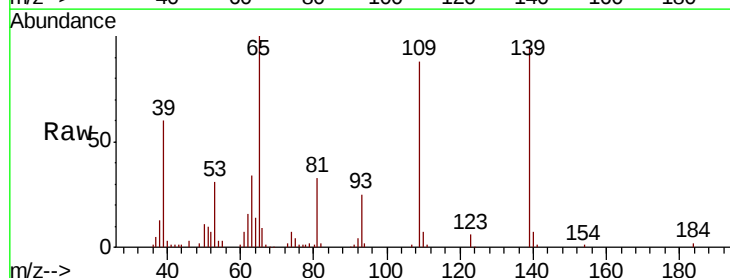
Instrument :
BNA_G
ClientSampleId :
PB115909BS

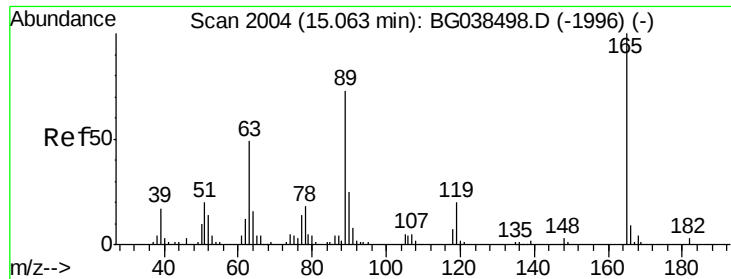
Tgt Ion:168 Resp: 279159
Ion Ratio Lower Upper
168 100
139 38.7 32.2 48.2
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 75.213 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:139 Resp: 74675
Ion Ratio Lower Upper
139 100
109 92.7 73.6 113.6
65 105.7 84.8 124.8

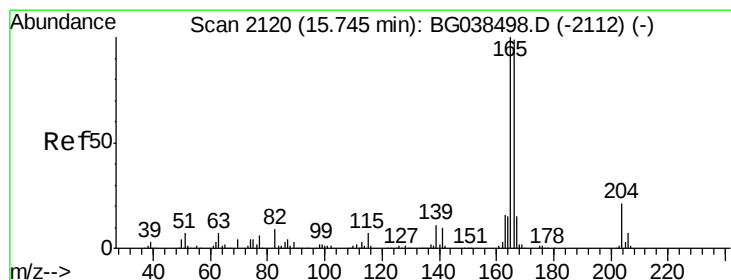
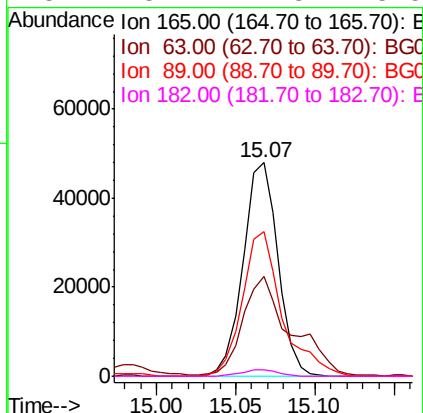
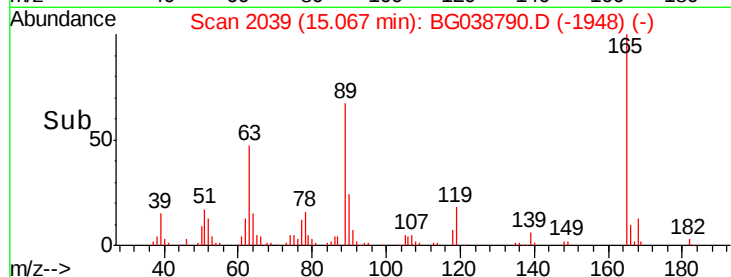
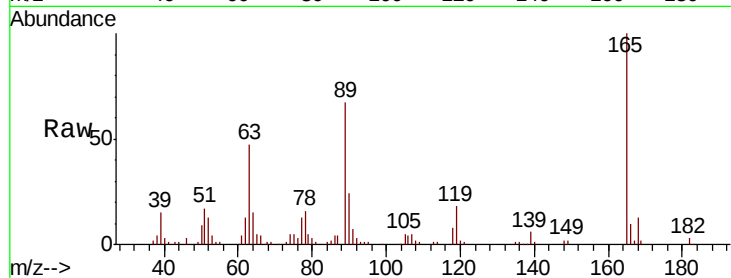




#57
2,4-Dinitrotoluene
Concen: 40.508 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

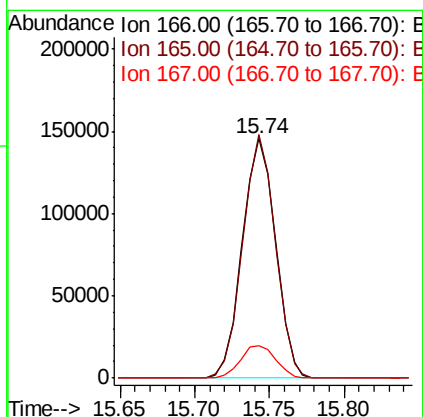
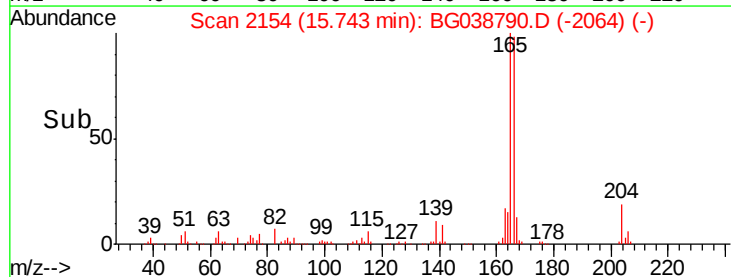
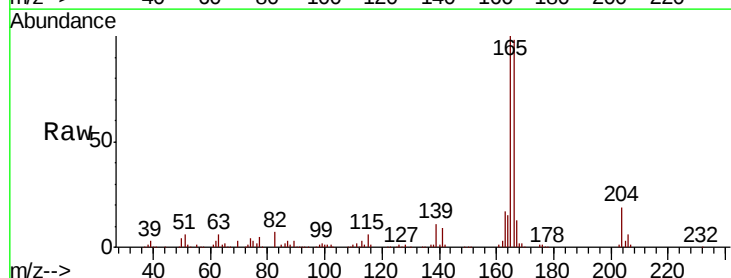
Instrument :
BNA_G
ClientSampleId :
PB115909BS

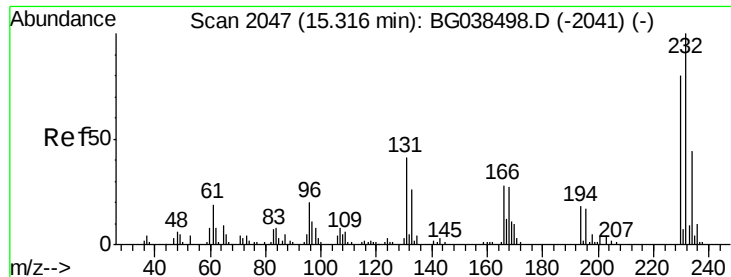
Tgt Ion:165 Resp: 73249
Ion Ratio Lower Upper
165 100
63 47.1 39.0 58.4
89 67.5 58.0 87.0
182 3.1 2.3 3.5



#58
Fluorene
Concen: 44.047 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:166 Resp: 224644
Ion Ratio Lower Upper
166 100
165 101.8 80.6 120.8
167 13.5 12.0 18.0

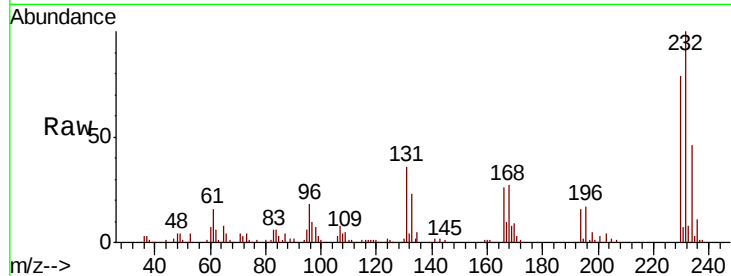




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.726 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.0	49.4
130	2.2	2.0	3.0
166	26.1	23.1	34.7



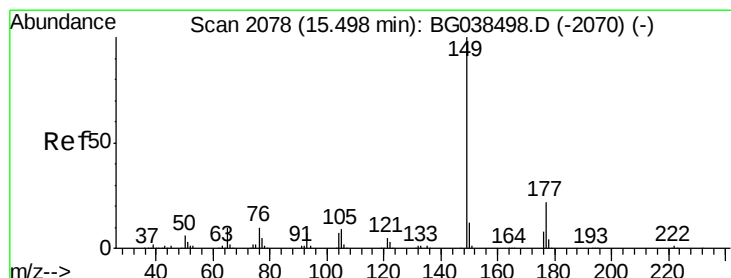
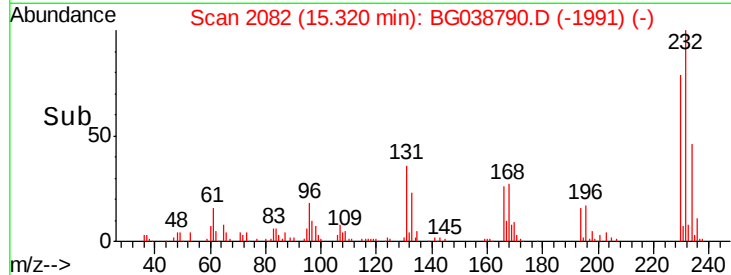
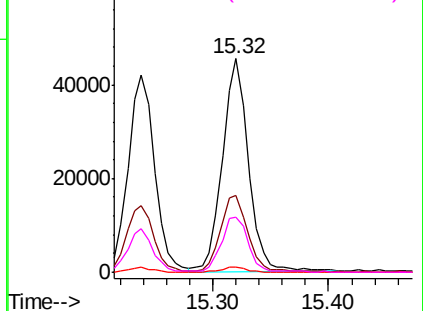
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

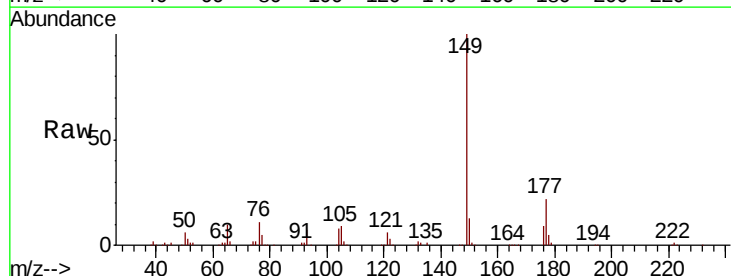
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.204 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.7	26.5
150	12.7	9.9	14.9

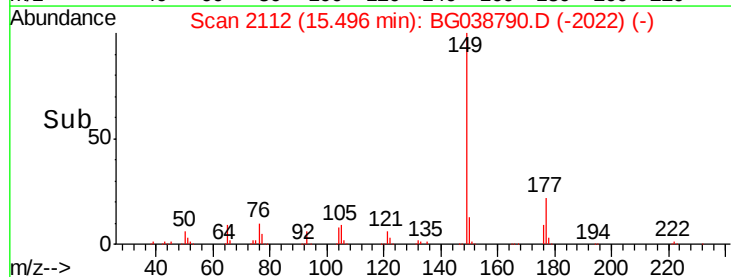
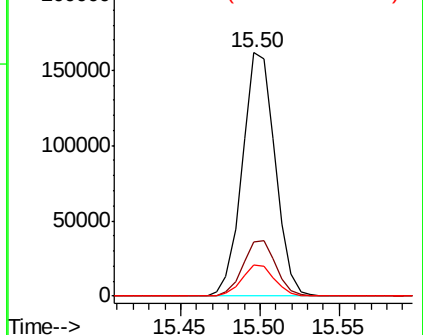


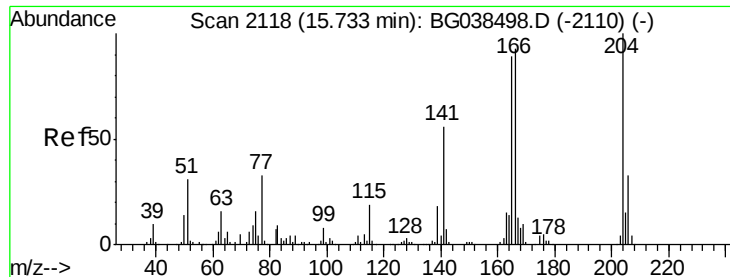
Abundance

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

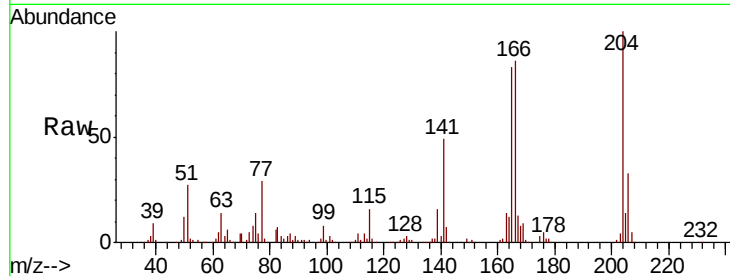




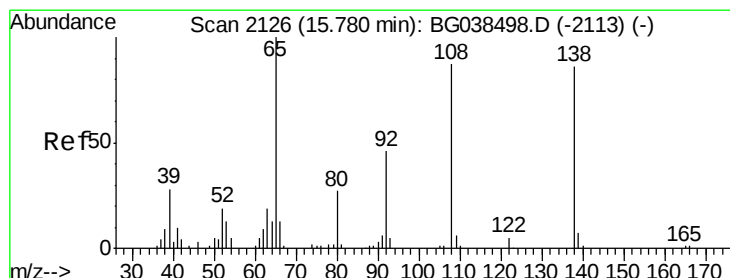
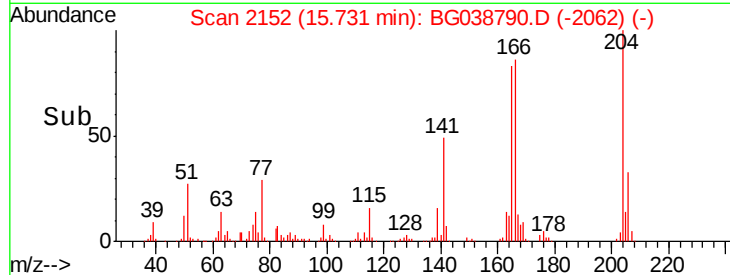
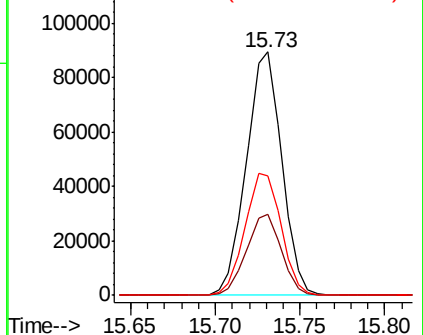
#61
4-Chlorophenyl-phenylether
Concen: 41.137 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion:204 Resp: 130905
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 48.9 44.4 66.6

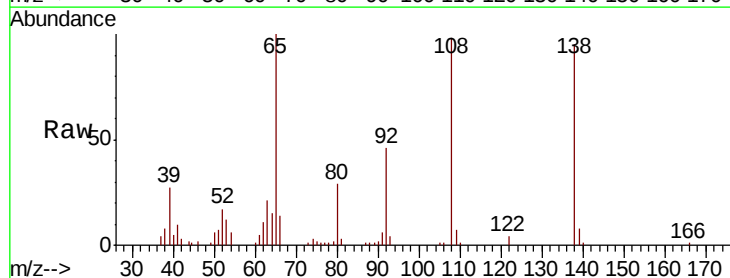


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

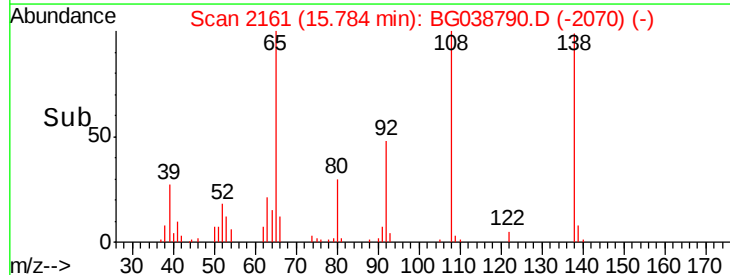
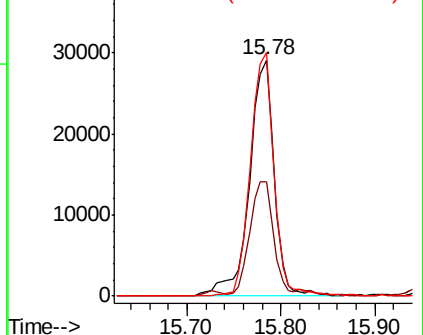


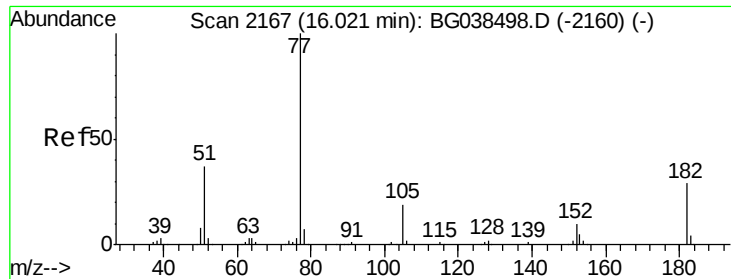
#62
4-Nitroaniline
Concen: 39.623 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:138 Resp: 53387
Ion Ratio Lower Upper
138 100
92 48.4 33.3 73.3
108 103.0 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.157 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

Tgt Ion: 77 Resp: 193049

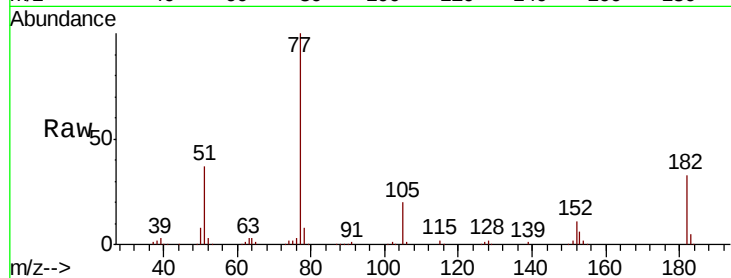
Ion Ratio Lower Upper

77 100

182 33.3 8.7 48.7

105 19.7 0.0 38.7

51 36.7 16.6 56.6

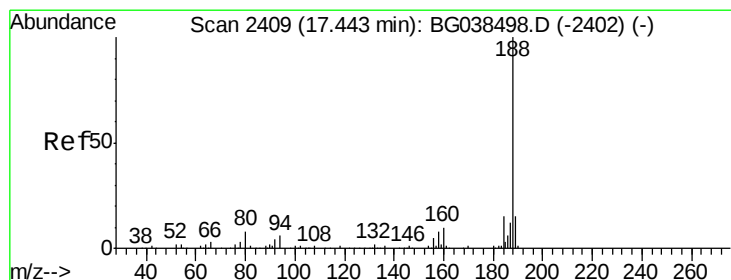
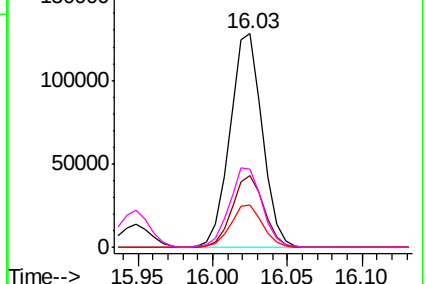
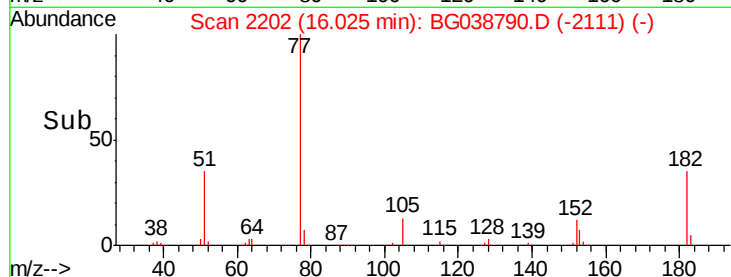


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

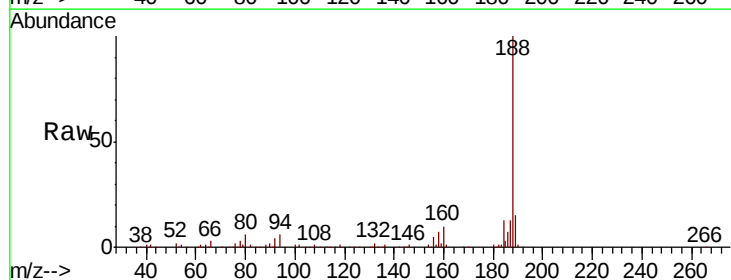
Tgt Ion: 188 Resp: 176147

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

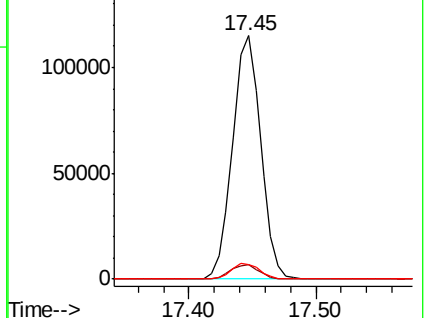
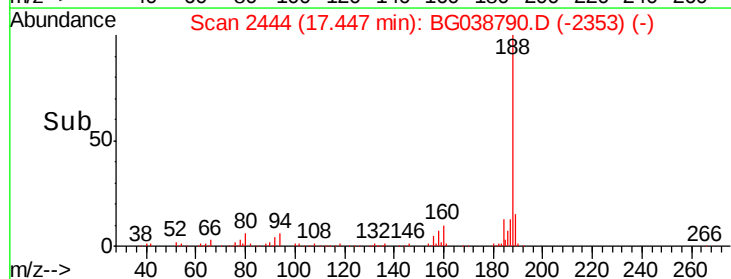
80 5.8 6.1 9.1#

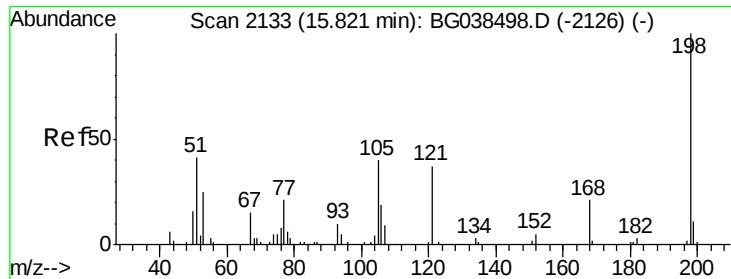


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

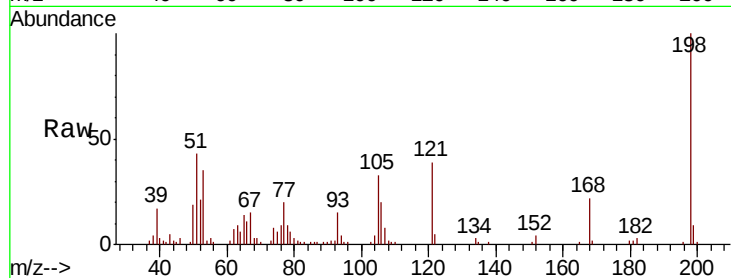




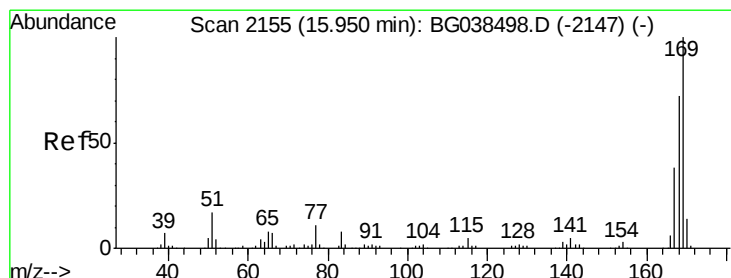
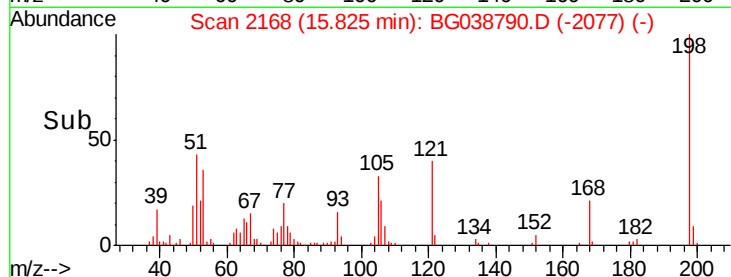
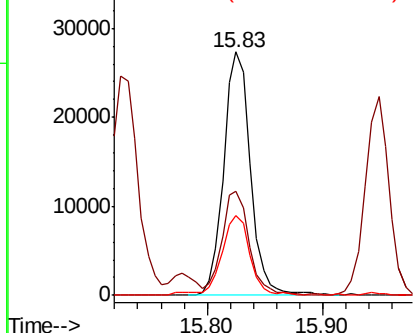
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.814 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion:198 Resp: 43746
 Ion Ratio Lower Upper
 198 100
 51 42.9 28.6 68.6
 105 32.7 20.4 60.4

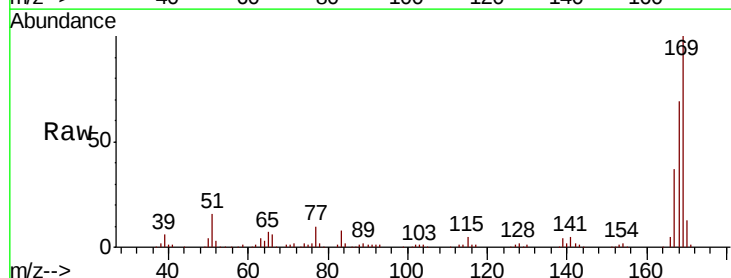


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

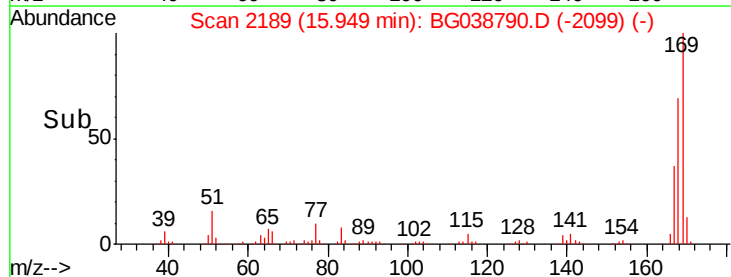
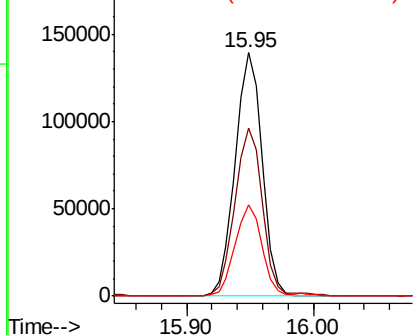


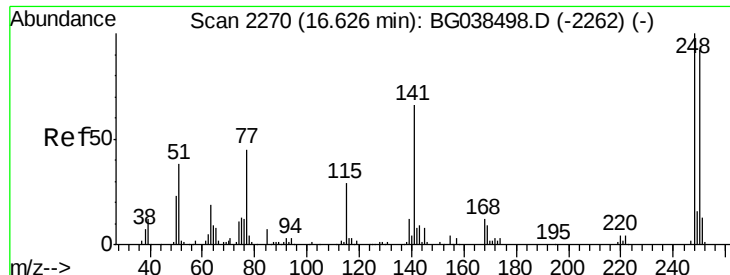
#66
 n-Nitrosodiphenylamine
 Concen: 39.562 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:169 Resp: 204757
 Ion Ratio Lower Upper
 169 100
 168 69.1 57.5 86.3
 167 37.3 30.2 45.2



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

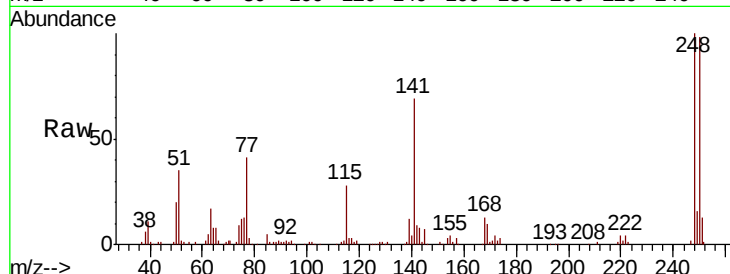




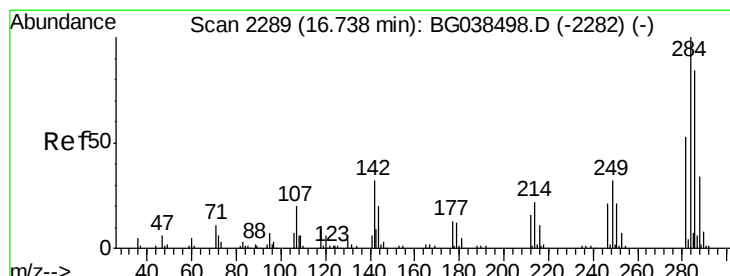
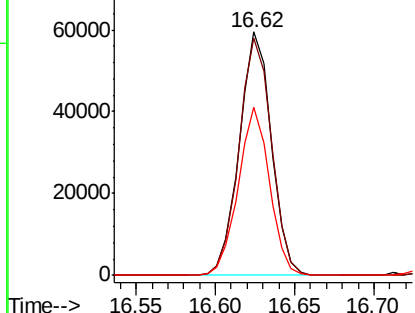
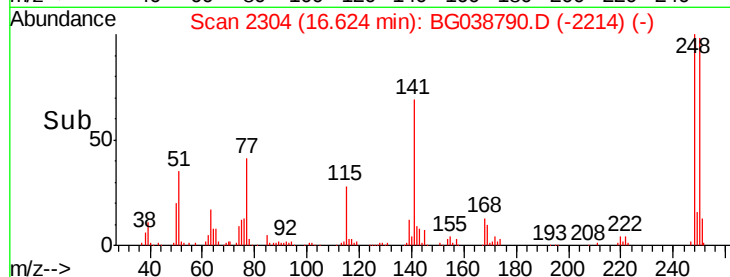
#67
 4-Bromophenyl-phenylether
 Concen: 38.780 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion:248 Resp: 83425
 Ion Ratio Lower Upper
 248 100
 250 97.7 73.4 110.2
 141 68.8 52.9 79.3

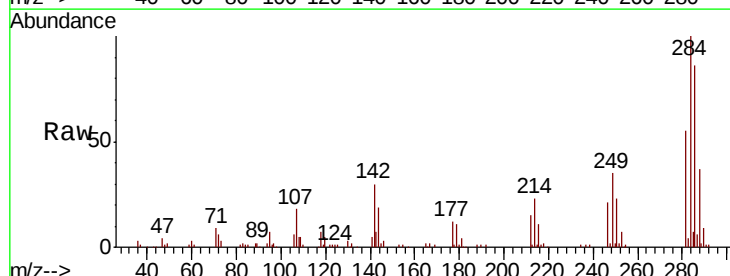


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

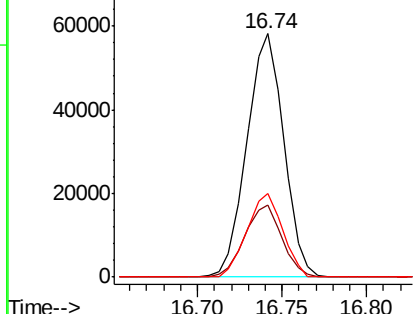
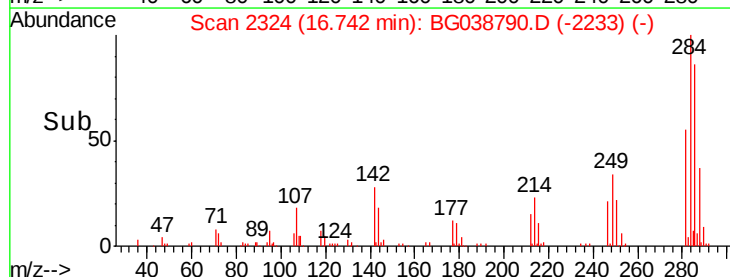


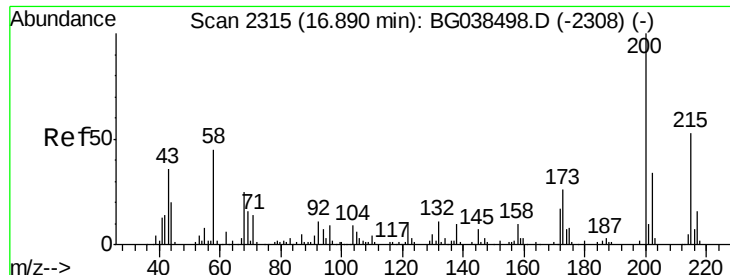
#68
 Hexachlorobenzene
 Concen: 39.605 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:284 Resp: 88321
 Ion Ratio Lower Upper
 284 100
 142 29.7 25.8 38.6
 249 36.8 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: 42.872 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

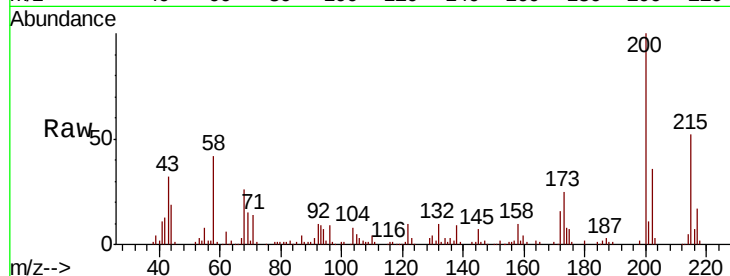
Tgt Ion:200 Resp: 82345

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

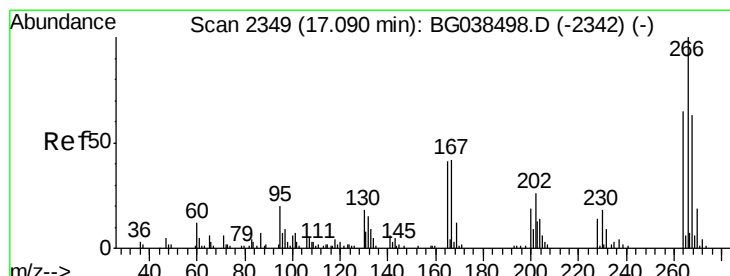
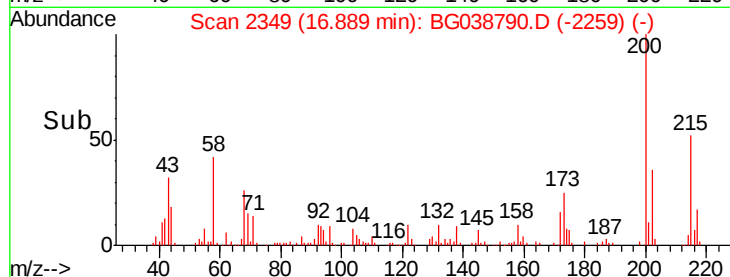
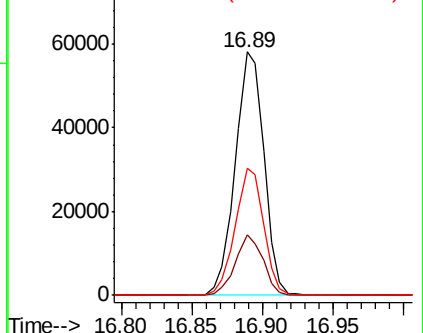
215 52.0 33.1 73.1



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: 72.374 ng

RT: 17.09 min Scan# 2384

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

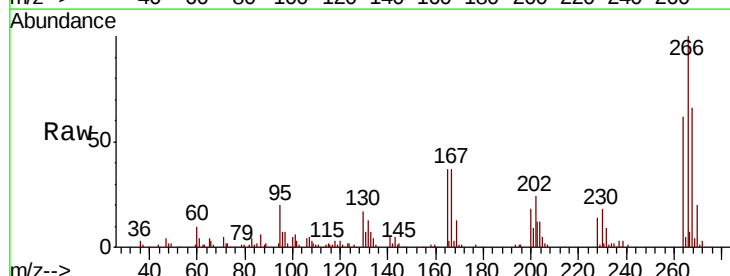
Tgt Ion:266 Resp: 95463

Ion Ratio Lower Upper

266 100

268 70.2 55.0 82.6

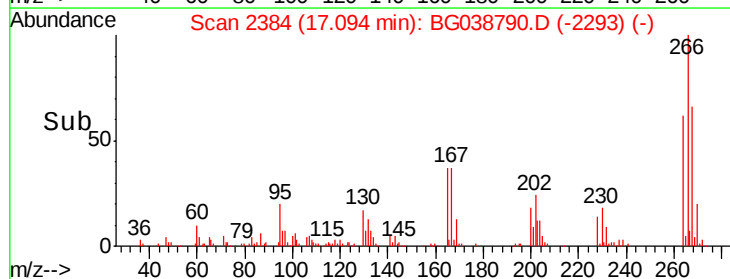
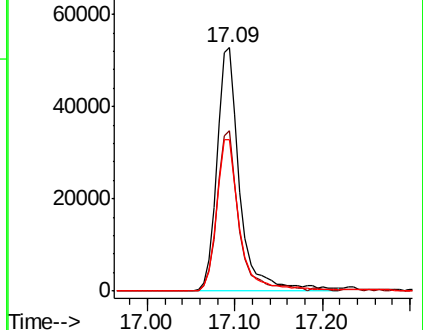
264 67.7 56.7 85.1

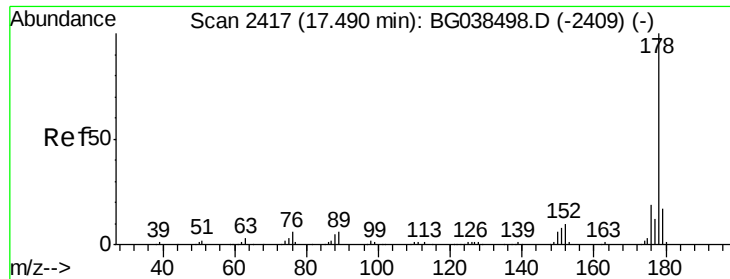


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

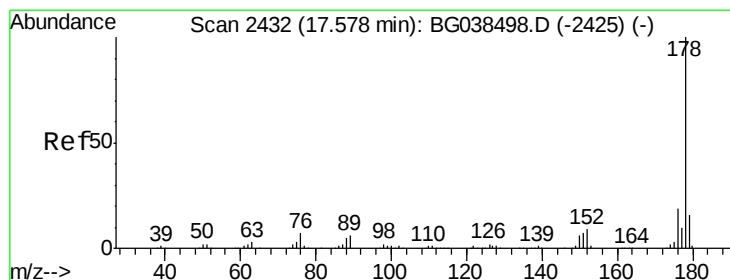
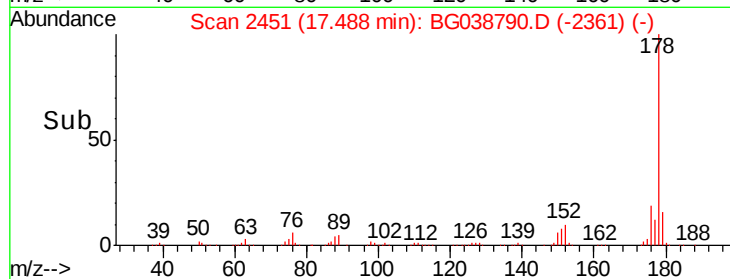
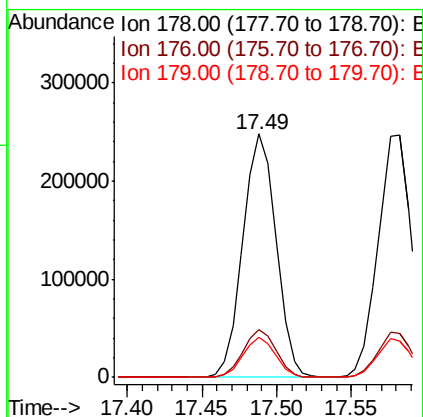
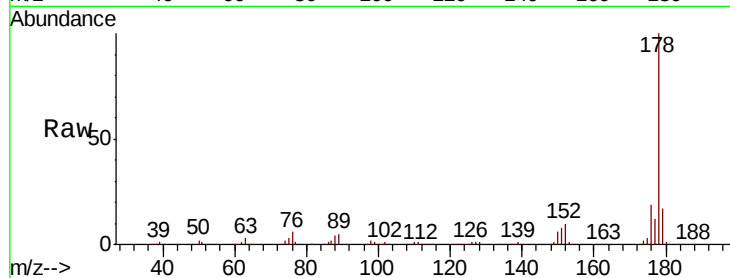




#71
 Phenanthrene
 Concen: 41.812 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

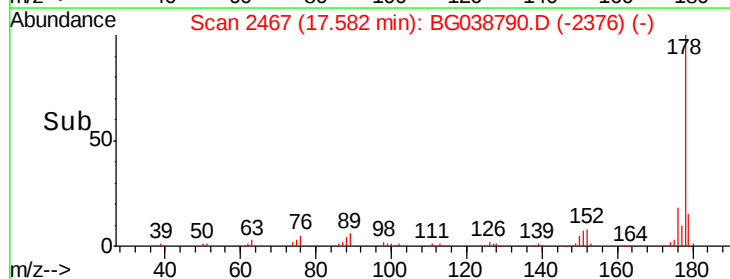
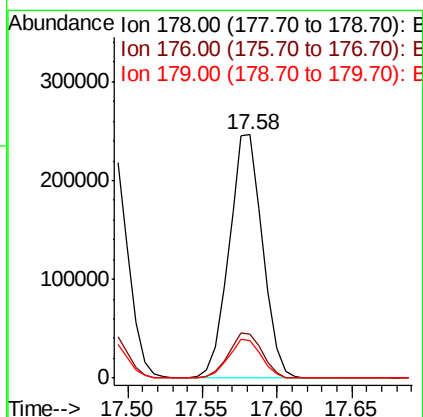
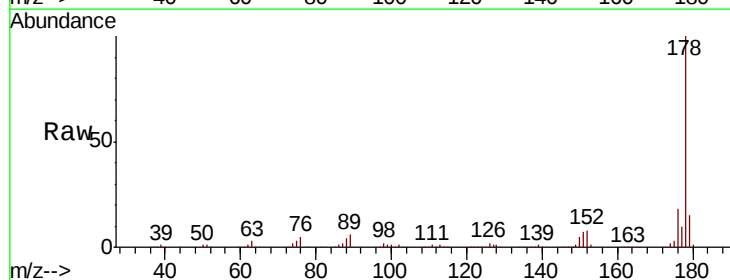
Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

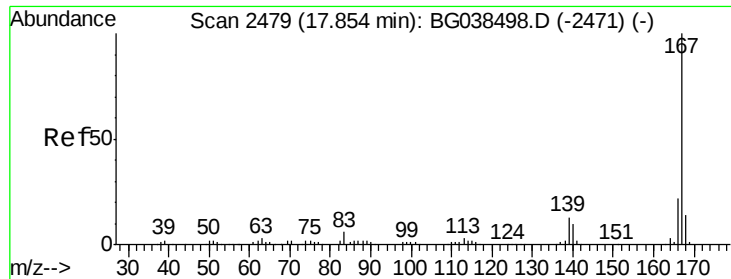
Tgt Ion:178 Resp: 381929
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 16.6 13.2 19.8



#72
 Anthracene
 Concen: 42.652 ng
 RT: 17.58 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion:178 Resp: 384615
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.1 22.7
 179 15.2 12.9 19.3

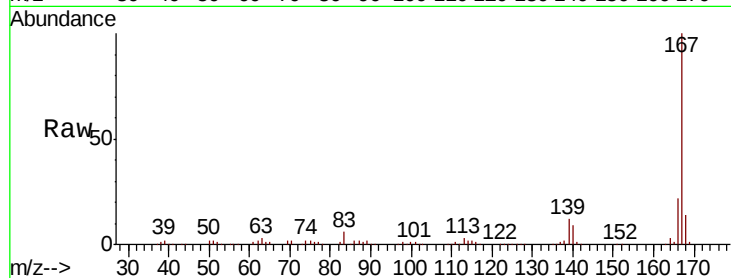




#73
 Carbazole
 Concen: 38.142 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB115909BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.4	10.2	15.2

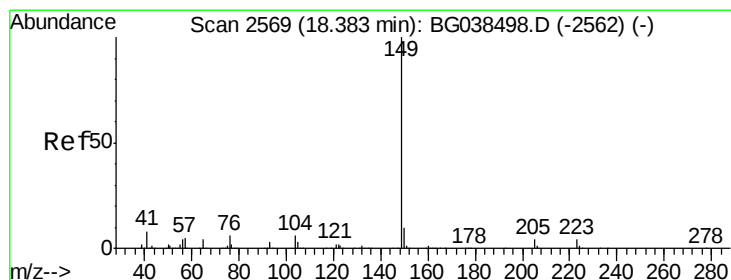
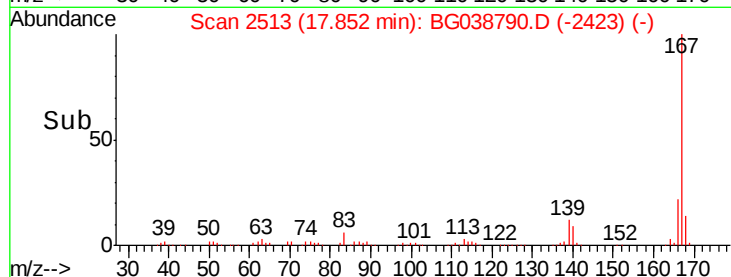
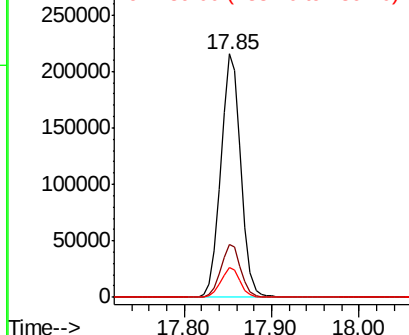


Abundance

Ion 167.00 (166.70 to 167.70): E

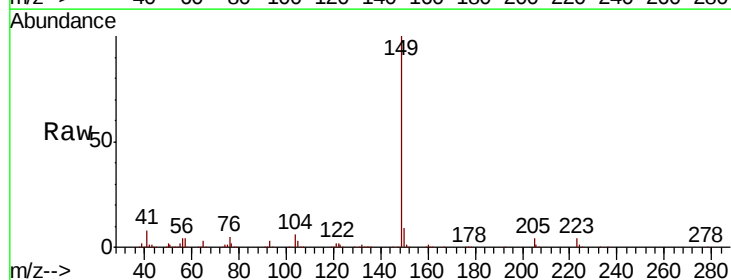
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 38.598 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038790.D
 Acq: 21 Dec 2018 17:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.7	5.0	7.4

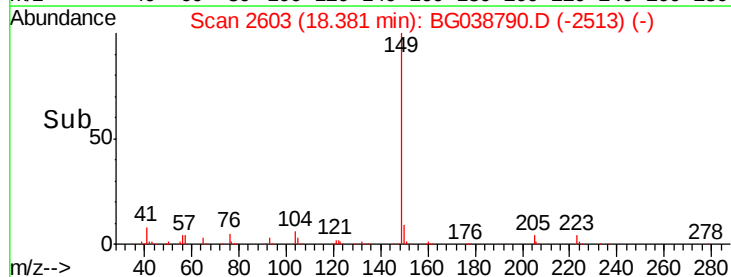
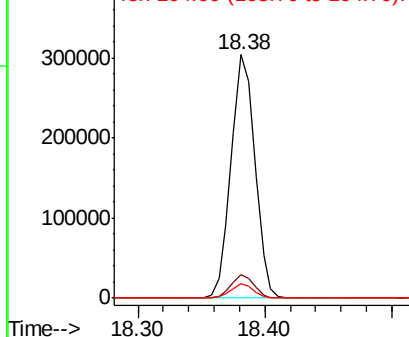


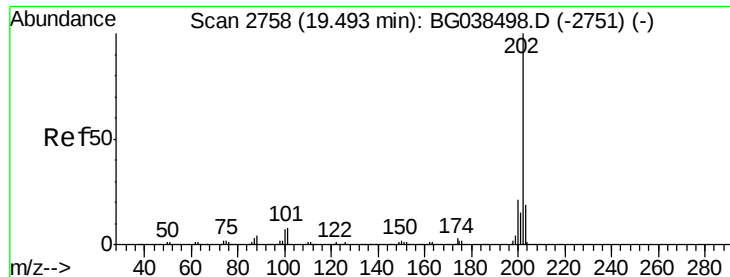
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.407 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

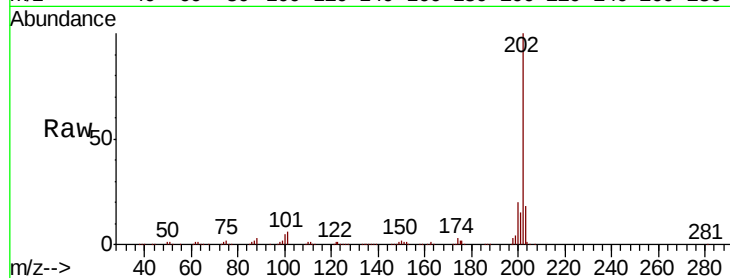
Tgt Ion:202 Resp: 467970

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.1

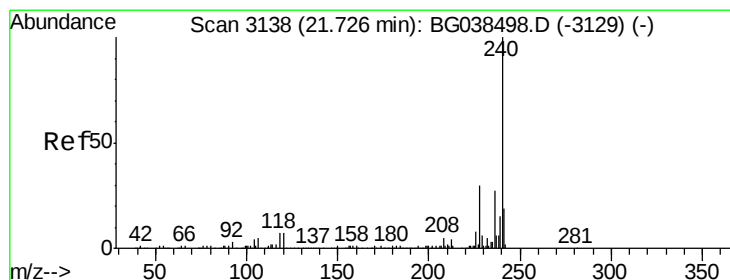
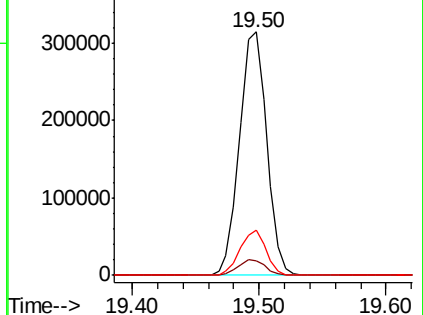
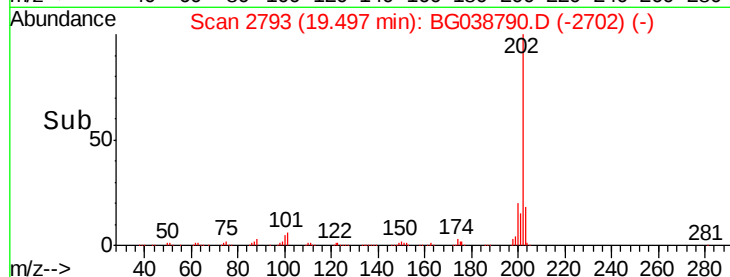
203 18.4 0.0 39.0



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: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

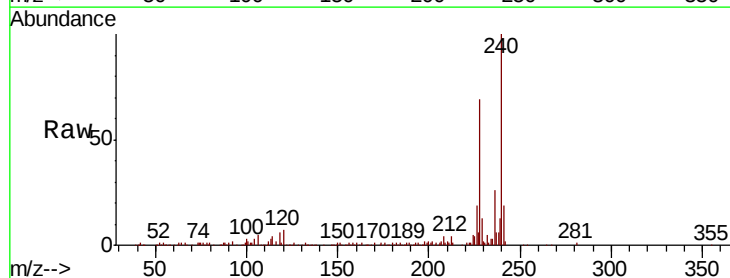
Tgt Ion:240 Resp: 172519

Ion Ratio Lower Upper

240 100

120 6.9 5.3 7.9

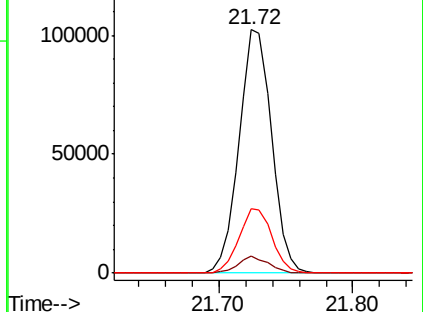
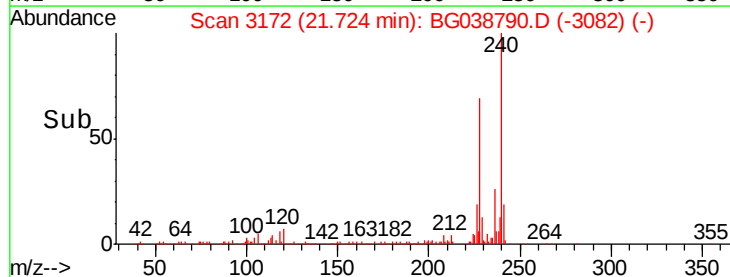
236 26.4 21.4 32.2

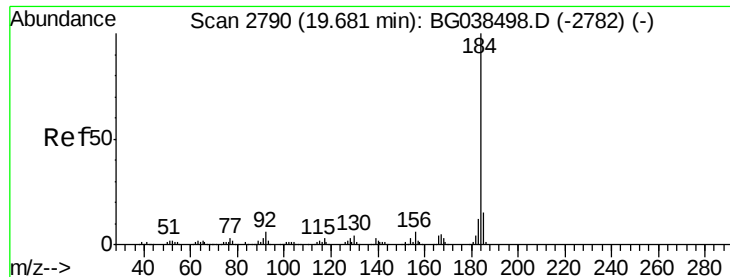


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

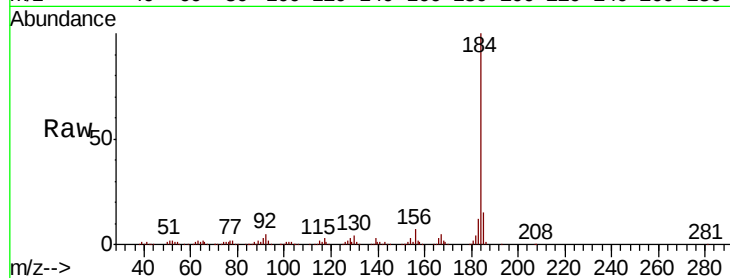




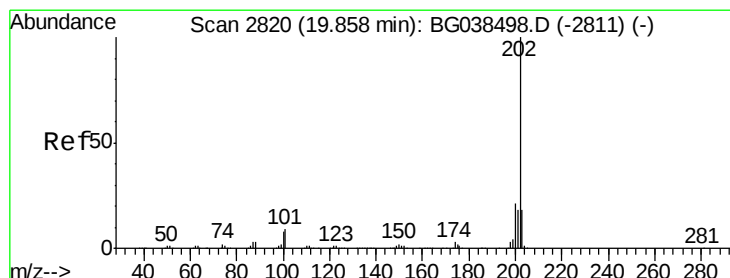
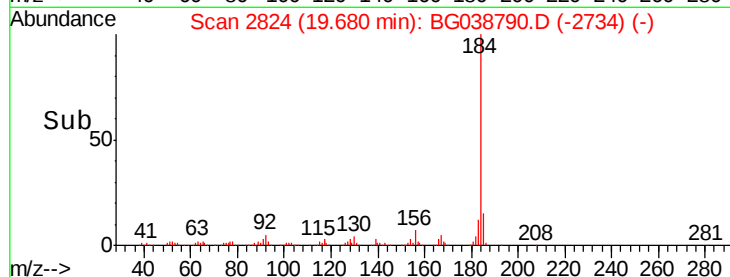
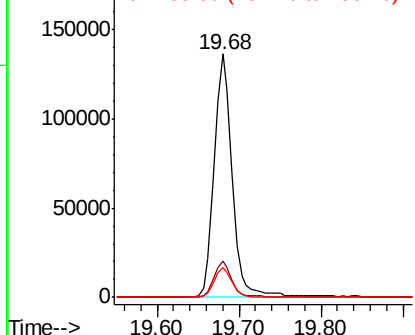
#77
Benzidine
Concen: 41.560 ng
RT: 19.68 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion:184 Resp: 212044
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 12.4 9.6 14.4

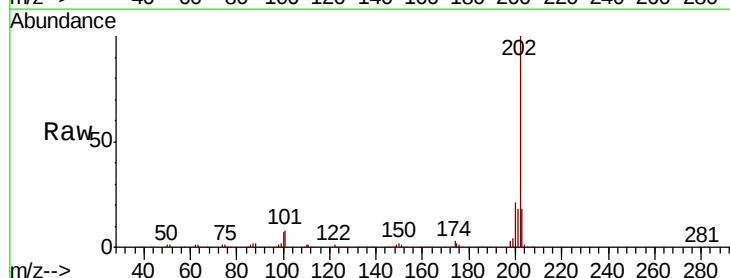


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

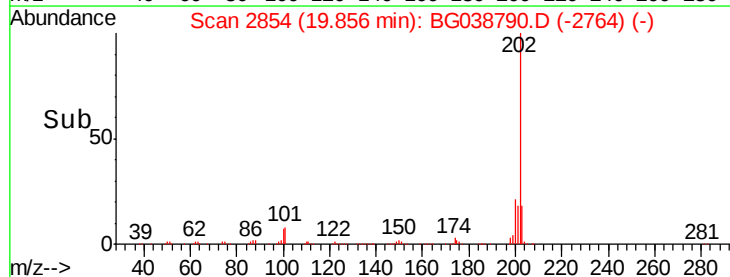
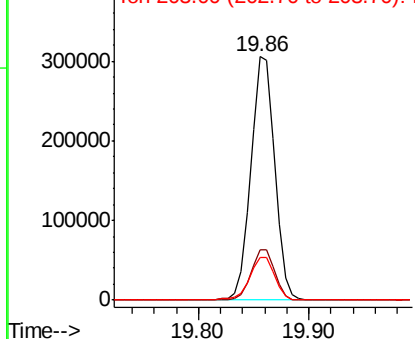


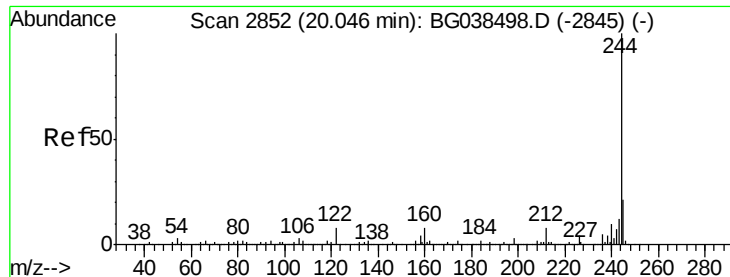
#78
Pyrene
Concen: 40.817 ng
RT: 19.86 min Scan# 2854
Delta R.T. -0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion:202 Resp: 465200
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 17.6 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: 77.599 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

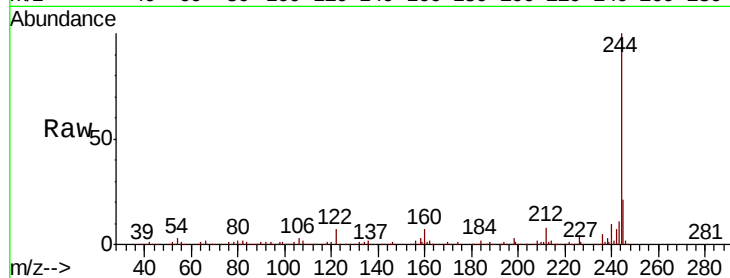
Tgt Ion:244 Resp: 615128

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 6.7 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.04

400000

300000

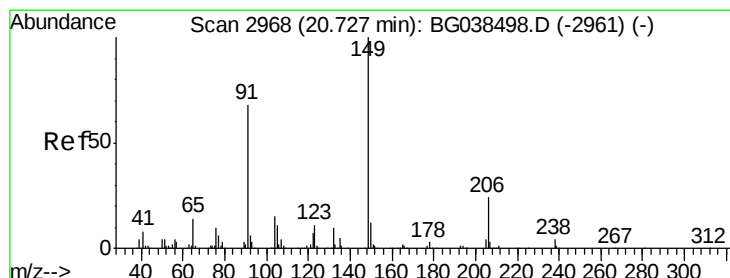
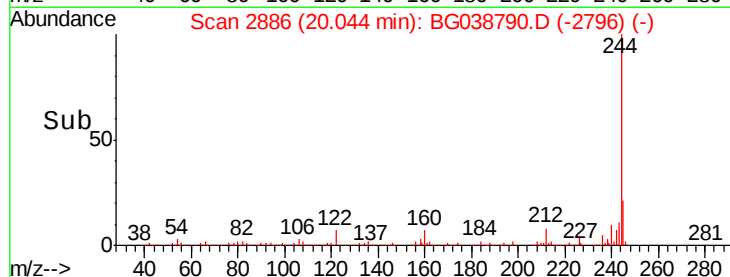
200000

100000

0

20.00 20.10

Time-->



#80

Butylbenzylphthalate

Concen: 38.633 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

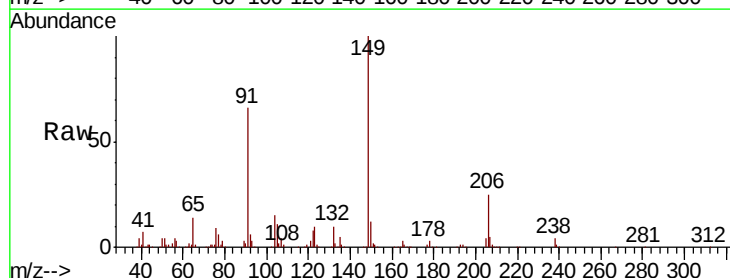
Tgt Ion:149 Resp: 172023

Ion Ratio Lower Upper

149 100

91 66.0 54.5 81.7

206 25.1 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

20.73

150000

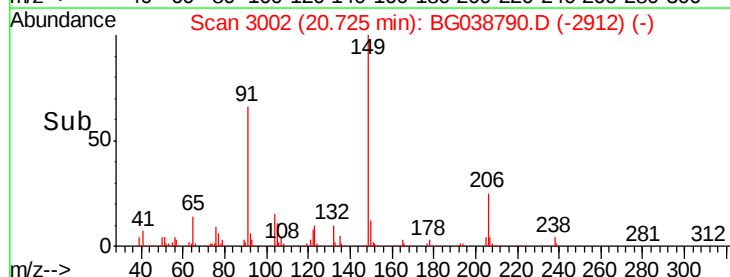
100000

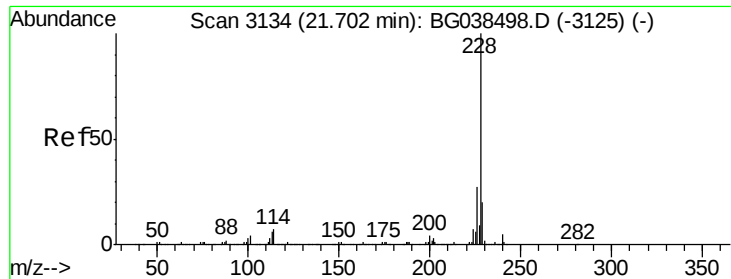
50000

0

20.70 20.80

Time-->





#81

Benzo(a)anthracene

Concen: 43.041 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

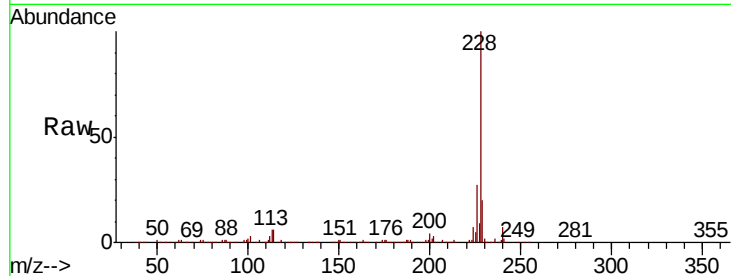
BNA_G

ClientSampleId :

PB115909BS

Tgt Ion:228 Resp: 452467

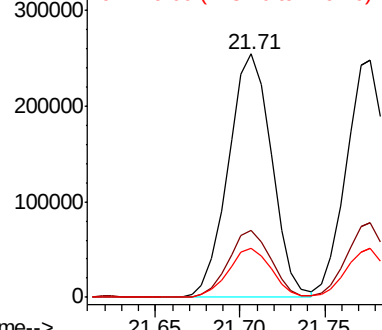
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.8
229	20.2	15.8	23.6



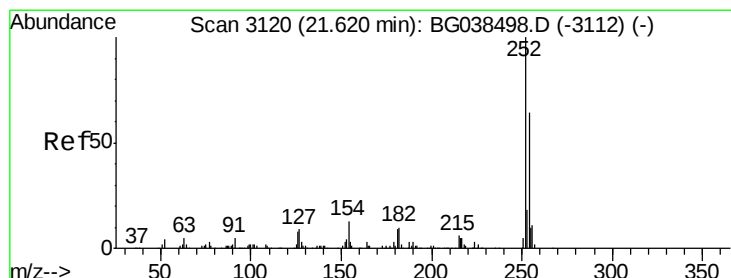
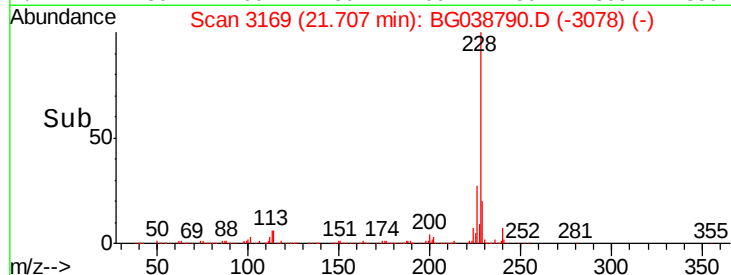
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 29.822 ng

RT: 21.62 min Scan# 3155

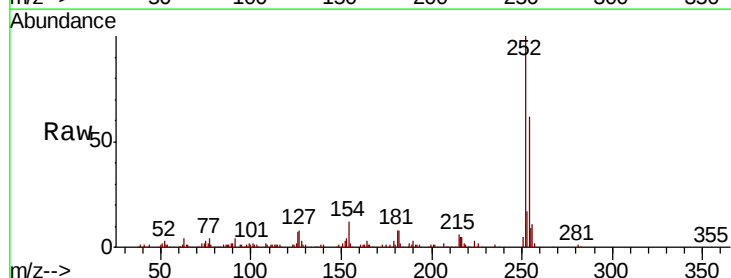
Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Tgt Ion:252 Resp: 124336

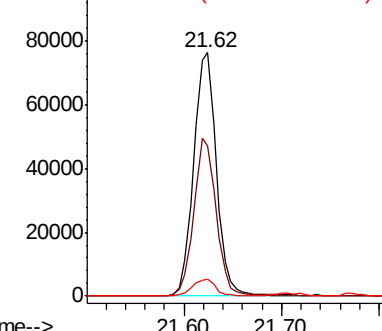
Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.9	76.3
126	6.9	6.3	9.5



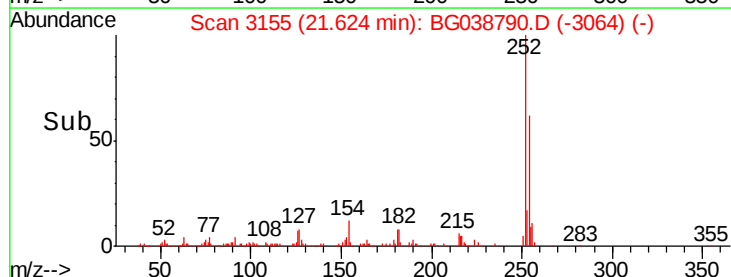
Abundance Ion 252.00 (251.70 to 252.70): E

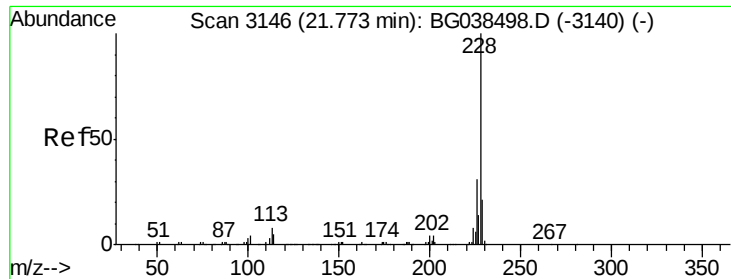
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->





#83

Chrysene

Concen: 41.239 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

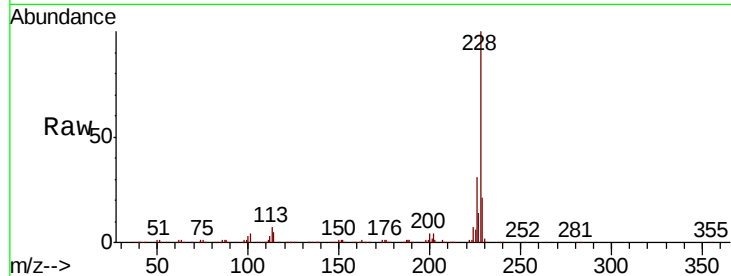
Tgt Ion:228 Resp: 417565

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

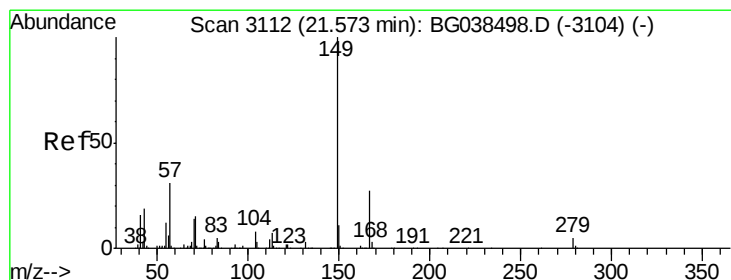
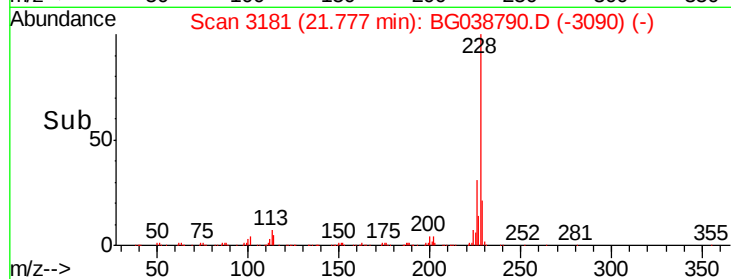
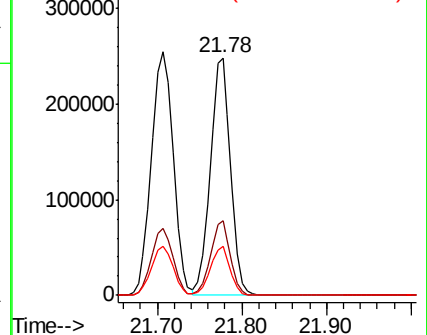
229 20.6 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.171 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

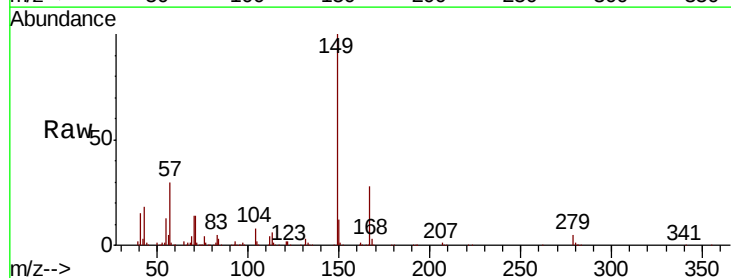
Tgt Ion:149 Resp: 241053

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

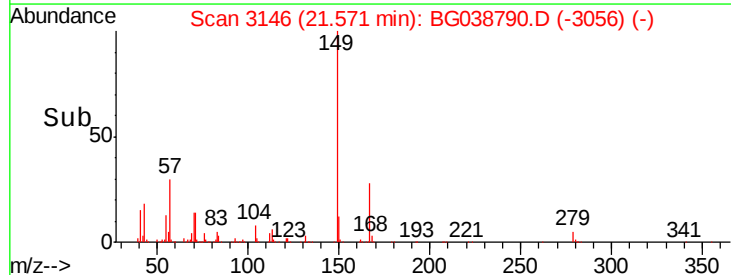
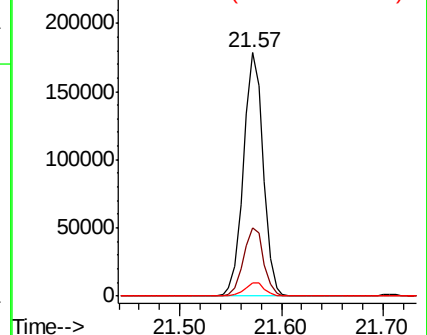
279 5.4 4.2 6.2

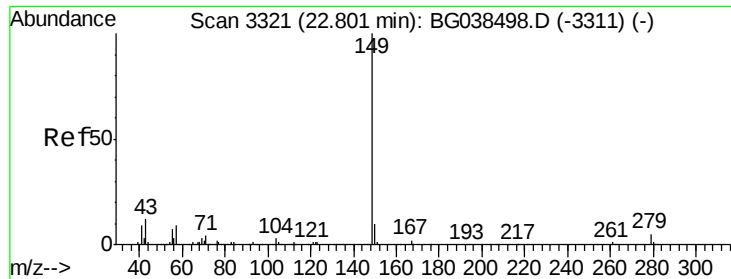


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.250 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

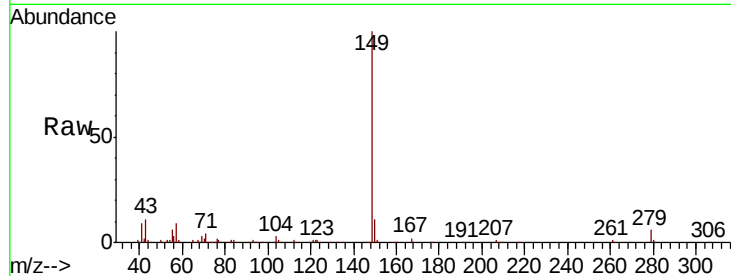
Tgt Ion:149 Resp: 404546

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

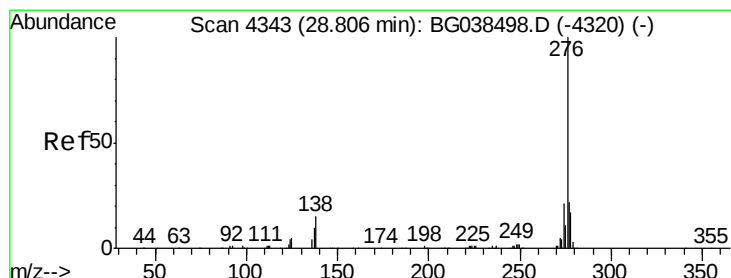
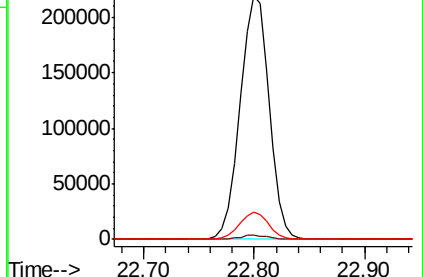
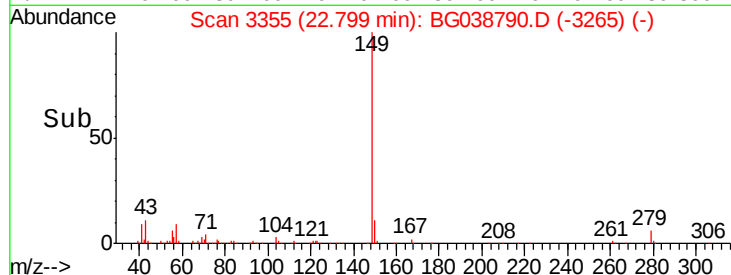
43 10.8 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.802 ng

RT: 28.82 min Scan# 4379

Delta R.T. 0.01 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

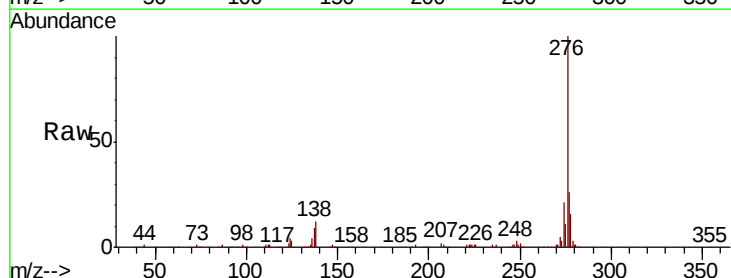
Tgt Ion:276 Resp: 497622

Ion Ratio Lower Upper

276 100

138 6.1 14.4 21.6#

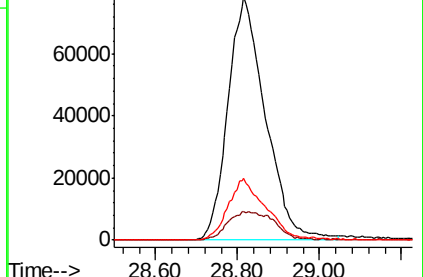
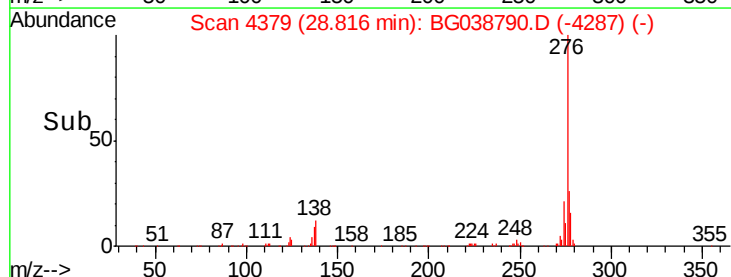
277 25.0 0.0 0.0#

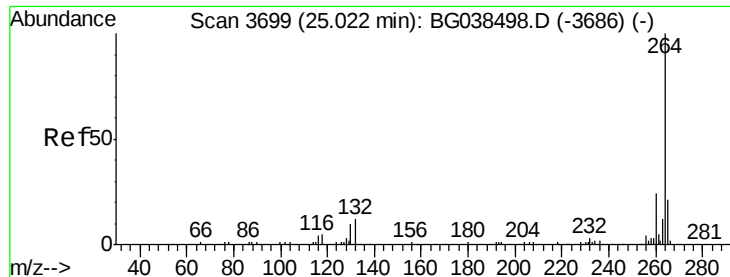


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



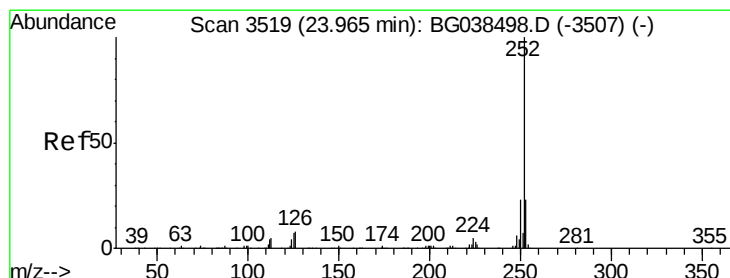
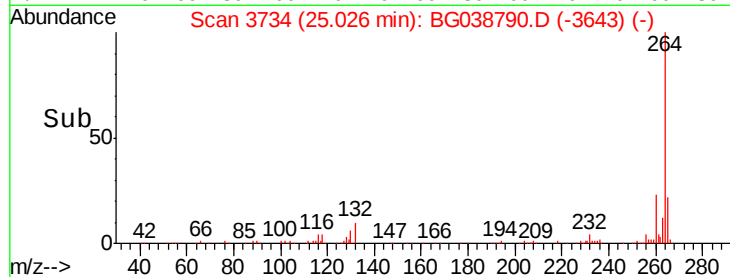
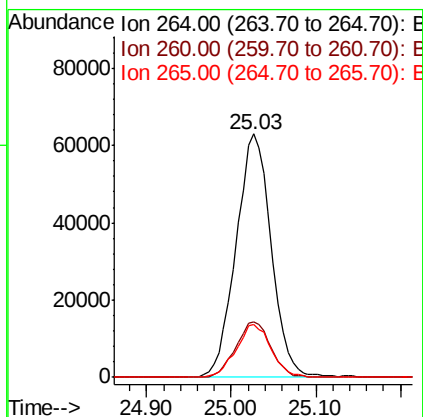
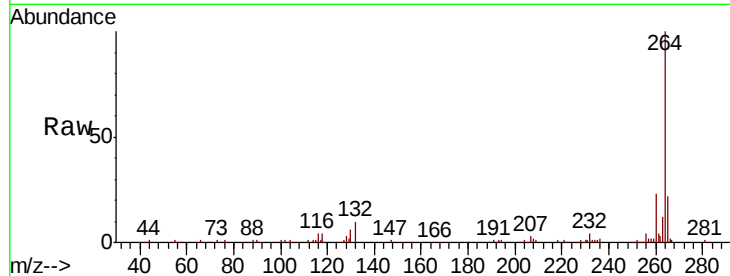


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion: 264 Resp: 181825

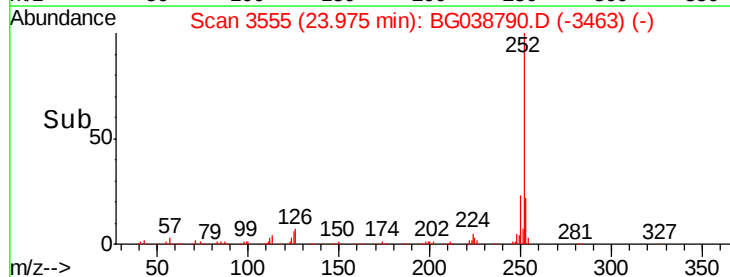
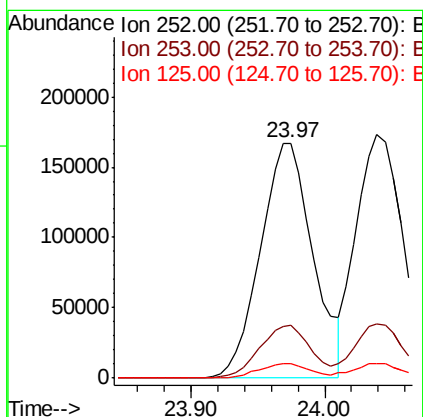
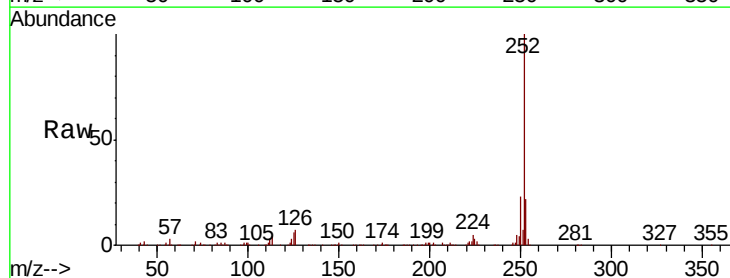
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	21.6	17.0	25.4

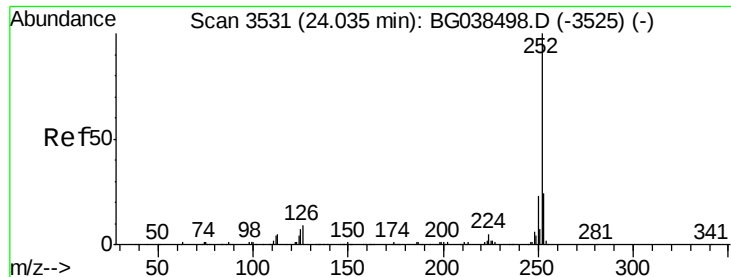


#88
Benzo(b)fluoranthene
Concen: 45.771 ng
RT: 23.97 min Scan# 3555
Delta R.T. 0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion: 252 Resp: 456931

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	6.3	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 42.143 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB115909BS

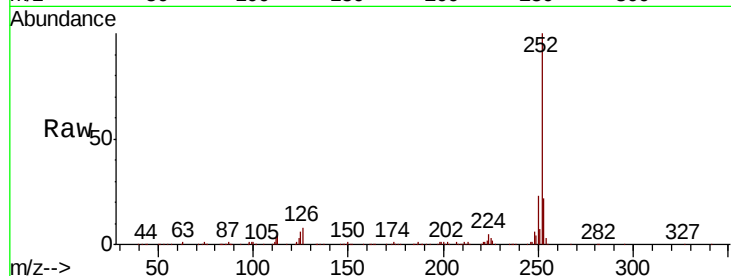
Tgt Ion:252 Resp: 418939

Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

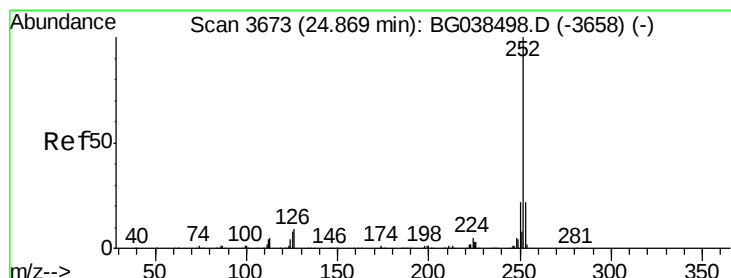
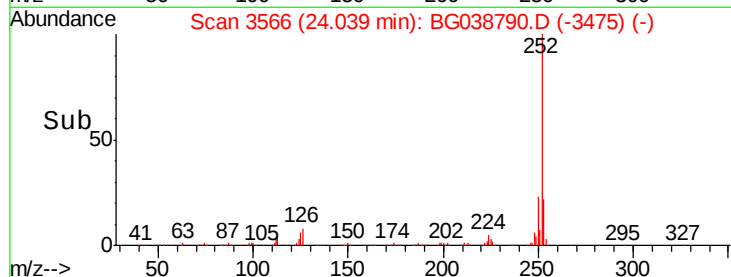
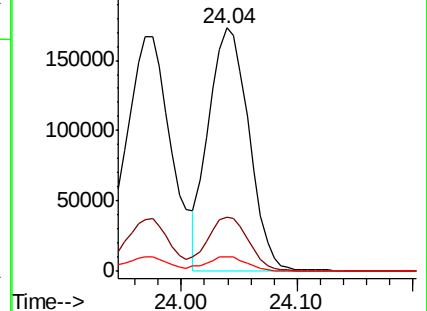
125 5.9 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.891 ng

RT: 24.87 min Scan# 3708

Delta R.T. 0.00 min

Lab File: BG038790.D

Acq: 21 Dec 2018 17:29

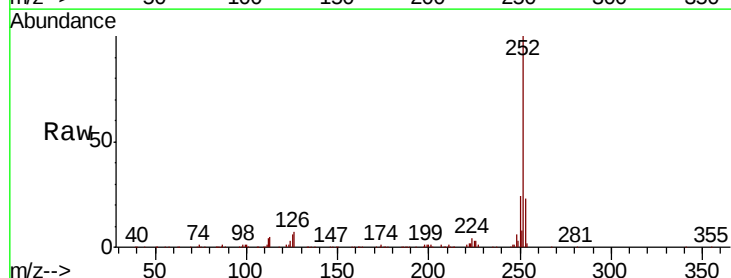
Tgt Ion:252 Resp: 432345

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

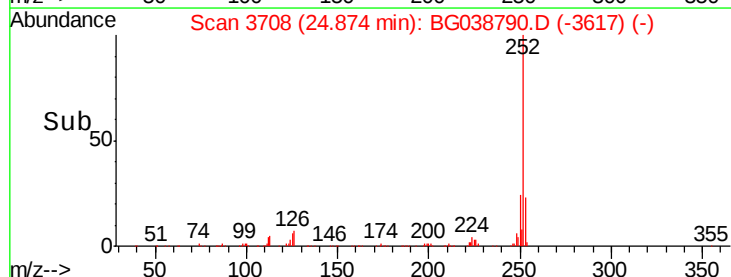
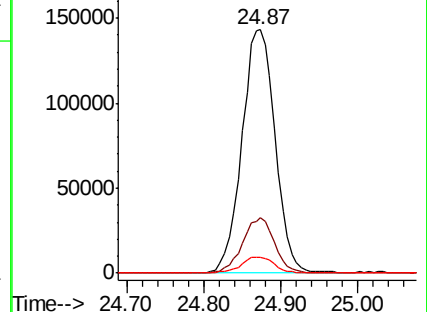
125 6.5 6.4 9.6

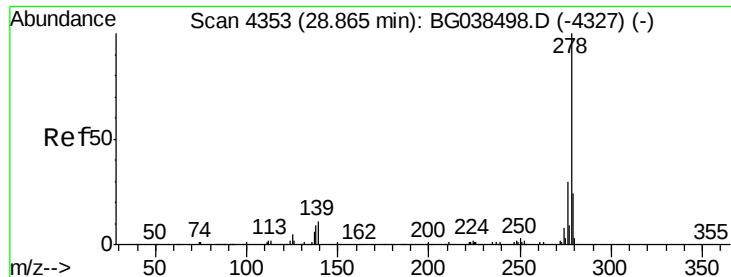


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

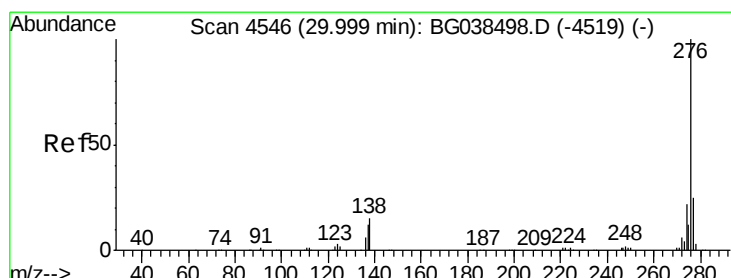
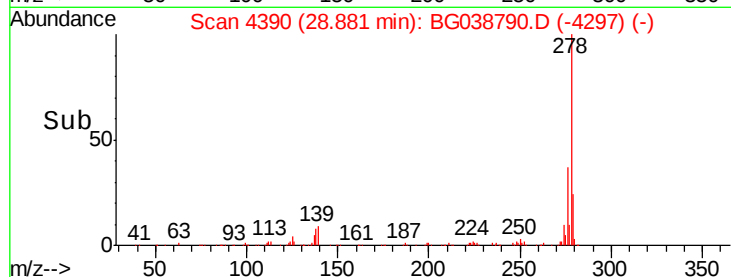
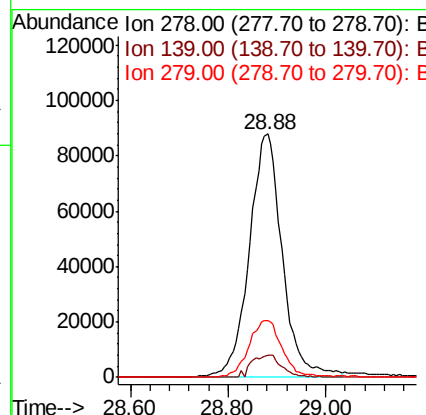
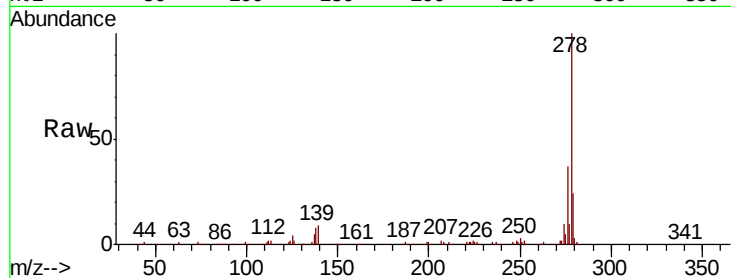




#91
Dibenzo(a,h)anthracene
Concen: 43.228 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.02 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB115909BS

Tgt Ion: 278 Resp: 414525
Ion Ratio Lower Upper
278 100
139 9.1 8.6 12.8
279 23.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 43.156 ng
RT: 30.01 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BG038790.D
Acq: 21 Dec 2018 17:29

Tgt Ion: 276 Resp: 407832
Ion Ratio Lower Upper
276 100
277 24.2 19.8 29.8
138 12.9 11.8 17.6

