

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038484.D
 Acq On : 12 Dec 2018 00:33
 Operator : JU/SJ
 Sample : PB115573BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Quant Time: Dec 12 03:18:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24684	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	104100	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	70052	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	176420	20.00	ng	0.00
76) Chrysene-d12	21.74	240	165317	20.00	ng	0.00
87) Perylene-d12	25.04	264	179211	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	132308	94.85	ng	0.00
7) Phenol-d6	7.22	99	186861	92.69	ng	0.00
23) Nitrobenzene-d5	9.25	82	116853	55.73	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	87370	101.60	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	288109	58.60	ng	0.00
79) Terphenyl-d14	20.06	244	502529	65.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	11526	18.029	ng	# 93
3) Pyridine	3.90	79	35061	18.332	ng	# 89
4) n-Nitrosodimethylamine	3.82	42	23812	28.423	ng	# 75
6) Aniline	7.39	93	33112	12.859	ng	96
8) 2-Chlorophenol	7.63	128	49828	30.759	ng	94
9) Benzaldehyde	7.21	77	19028	14.905	ng	94
10) Phenol	7.25	94	63561	29.840	ng	89
11) bis(2-Chloroethyl)ether	7.49	93	42155	24.164	ng	99
12) 1,3-Dichlorobenzene	7.95	146	49788	26.296	ng	98
13) 1,4-Dichlorobenzene	8.11	146	49631	25.335	ng	96
14) 1,2-Dichlorobenzene	8.42	146	48309	23.424	ng	98
15) Benzyl Alcohol	8.31	79	43462	26.222	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	97849	24.659	ng	96
17) 2-Methylphenol	8.51	107	43868	27.592	ng	93
18) Hexachloroethane	9.15	117	18211	25.757	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	37726	24.804	ng	# 87
20) 3+4-Methylphenols	8.83	107	61332	28.581	ng	95
22) Acetophenone	8.90	105	72596	28.118	ng	# 96
24) Nitrobenzene	9.29	77	56374	26.463	ng	96
25) Isophorone	9.80	82	105500	28.631	ng	97
26) 2-Nitrophenol	10.00	139	28743	29.120	ng	# 89
27) 2,4-Dimethylphenol	10.04	122	50032	35.290	ng	97
28) bis(2-Chloroethoxy)methane	10.28	93	60328	28.559	ng	97
29) 2,4-Dichlorophenol	10.53	162	53809	33.249	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	55294	29.105	ng	99
31) Naphthalene	10.94	128	152515	30.671	ng	99
32) Benzoic acid	10.21	122	5436	9.622	ng	# 86
33) 4-Chloroaniline	11.06	127	20542	9.332	ng	93
34) Hexachlorobutadiene	11.20	225	35667	30.010	ng	95
35) Caprolactam	11.83	113	19266	28.788	ng	# 86
36) 4-Chloro-3-methylphenol	12.16	107	59800	33.257	ng	97
37) 2-Methylnaphthalene	12.54	142	116703	32.955	ng	95
38) 1-Methylnaphthalene	12.75	142	109724	32.351	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	68689	28.496	ng	98

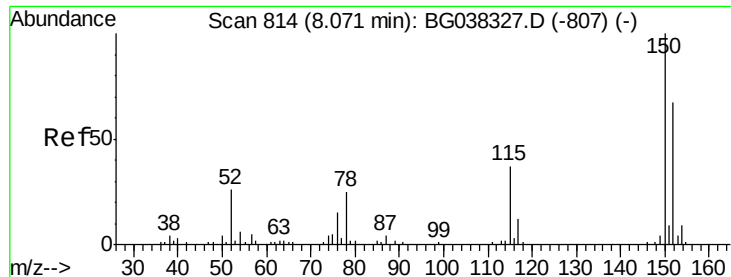
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038484.D
 Acq On : 12 Dec 2018 00:33
 Operator : JU/SJ
 Sample : PB115573BS
 Misc :
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Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Dec 12 03:18:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	75536	57.023	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	48902	31.318	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	52813	31.927	ng	98
46) 1,1'-Biphenyl	13.53	154	151606	25.603	ng	99
47) 2-Chloronaphthalene	13.59	162	122046	27.314	ng	98
48) 2-Nitroaniline	13.80	65	42794	28.547	ng	97
49) Acenaphthylene	14.43	152	205881	30.593	ng	98
50) Dimethylphthalate	14.15	163	160555	28.575	ng	98
51) 2,6-Dinitrotoluene	14.29	165	37248	29.021	ng	96
52) Acenaphthene	14.77	154	116542	28.407	ng	97
53) 3-Nitroaniline	14.62	138	26078	18.866	ng	# 93
54) 2,4-Dinitrophenol	14.83	184	4253	6.045	ng	95
55) Dibenzofuran	15.10	168	197874	29.175	ng	99
56) 4-Nitrophenol	14.92	139	50431	46.184	ng	# 86
57) 2,4-Dinitrotoluene	15.07	165	52461	29.635	ng	95
58) Fluorene	15.75	166	156932	31.406	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	44551	31.009	ng	95
60) Diethylphthalate	15.51	149	168123	27.008	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	86219	28.727	ng	98
62) 4-Nitroaniline	15.79	138	40403	29.717	ng	84
63) Azobenzene	16.03	77	150933	27.705	ng	92
65) 4,6-Dinitro-2-methylphenol	15.83	198	8854	7.660	ng	95
66) n-Nitrosodiphenylamine	15.96	169	144906	29.209	ng	100
67) 4-Bromophenyl-phenylether	16.63	248	56463	29.637	ng	98
68) Hexachlorobenzene	16.75	284	59571	30.315	ng	93
69) Atrazine	16.90	200	58795	31.761	ng	98
70) Pentachlorophenol	17.10	266	29343	21.801	ng	96
71) Phenanthrene	17.49	178	276015	31.241	ng	99
72) Anthracene	17.59	178	281732	32.929	ng	99
73) Carbazole	17.86	167	246497	29.028	ng	99
74) Di-n-butylphthalate	18.39	149	299558	30.196	ng	97
75) Fluoranthene	19.50	202	331685	32.133	ng	96
77) Benzidine	19.69	184	144380	25.881	ng	97
78) Pyrene	19.87	202	331363	28.648	ng	97
80) Butylbenzylphthalate	20.73	149	129194	27.770	ng	98
81) Benzo(a)anthracene	21.71	228	308720	30.384	ng	98
82) 3,3'-Dichlorobenzidine	21.63	252	69382	17.554	ng	96
83) Chrysene	21.78	228	286101	29.756	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	181355	27.503	ng	99
85) Di-n-octyl phthalate	22.81	149	307380	27.186	ng	97
86) Indeno(1,2,3-cd)pyrene	28.83	276	338534	30.981	ng	98
88) Benzo(b)fluoranthene	23.98	252	302341	29.858	ng	# 96
89) Benzo(k)fluoranthene	24.05	252	292584	29.011	ng	# 98
90) Benzo(a)pyrene	24.88	252	292543	29.784	ng	# 96
91) Dibenzo(a,h)anthracene	28.89	278	279554	30.009	ng	# 96
92) Benzo(g,h,i)perylene	30.03	276	282987	30.618	ng	# 92

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

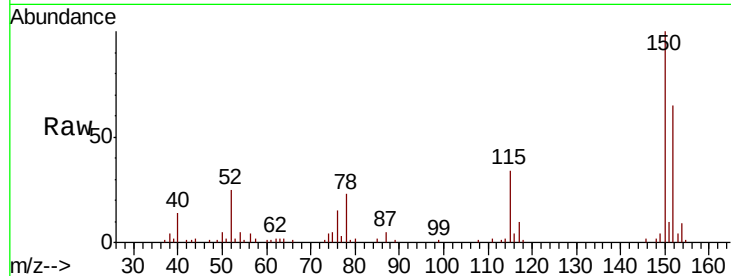


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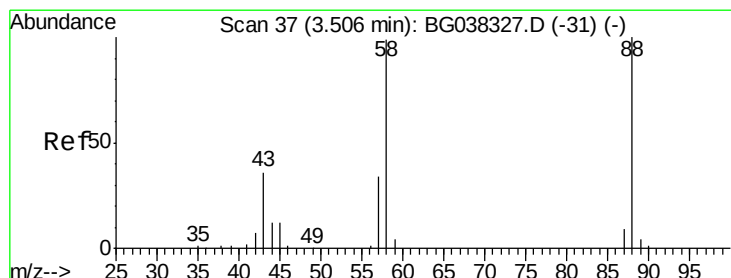
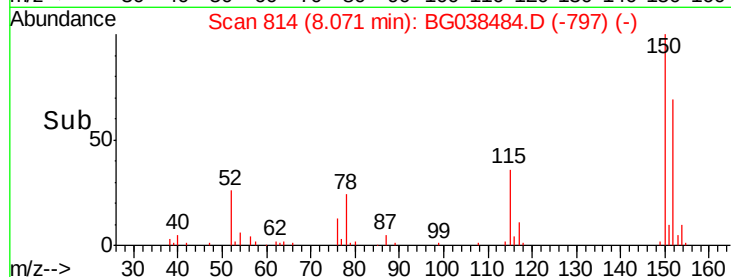
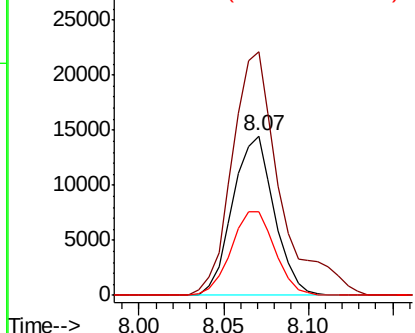
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tgt Ion:152 Resp: 24684
Ion Ratio Lower Upper
152 100
150 152.7 126.0 189.0
115 52.3 45.5 68.3



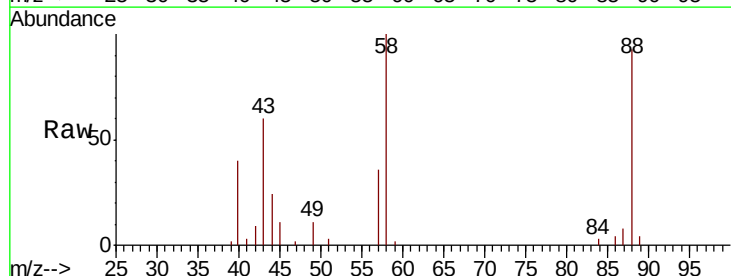
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



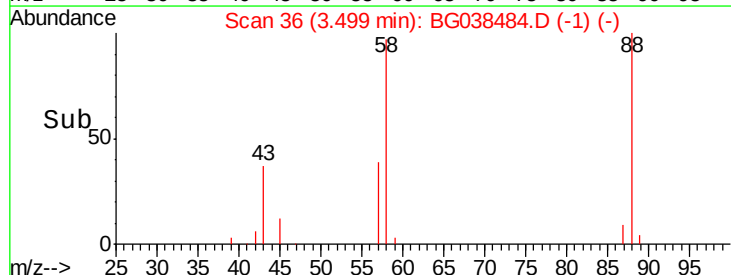
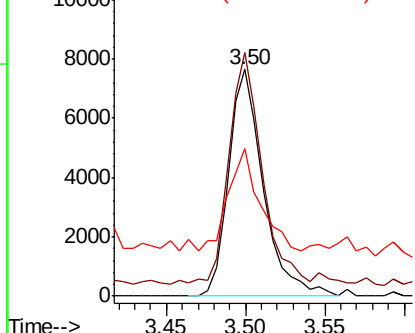
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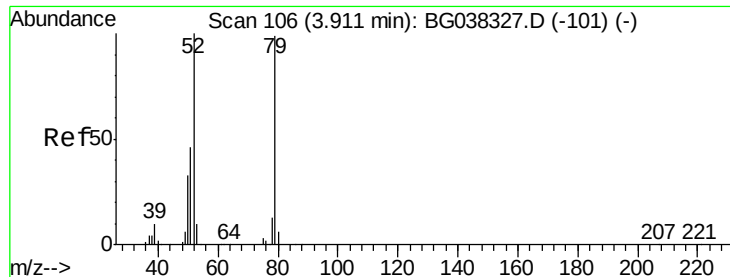
1,4-Dioxane
Concen: 18.029 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion: 88 Resp: 11526
Ion Ratio Lower Upper
88 100
58 97.2 74.4 111.6
43 41.4 25.8 38.8#



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: 18.332 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

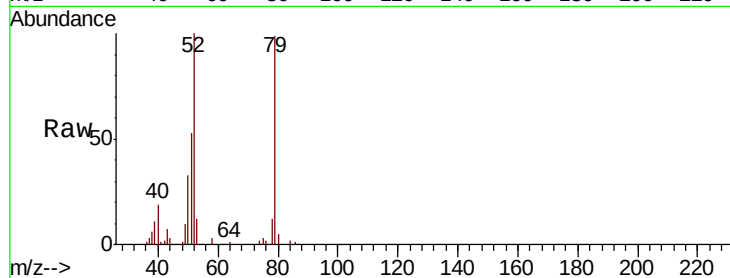
Tgt Ion: 79 Resp: 35061

Ion Ratio Lower Upper

79 100

52 100.8 74.2 111.2

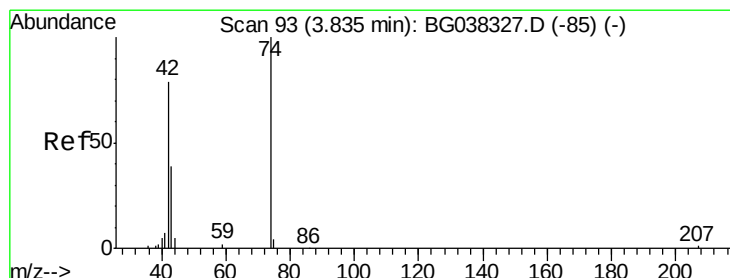
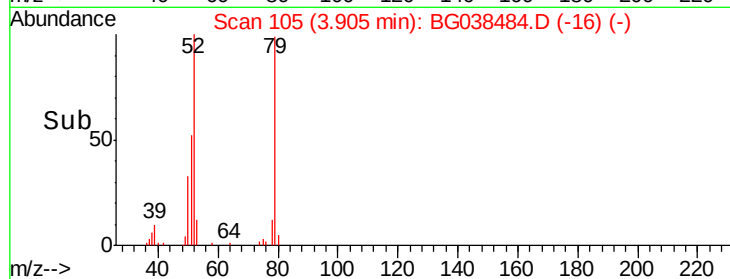
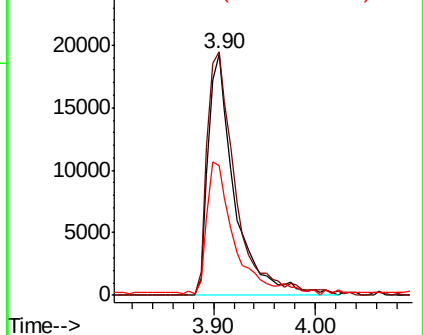
51 53.7 34.6 51.8#



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: 28.423 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

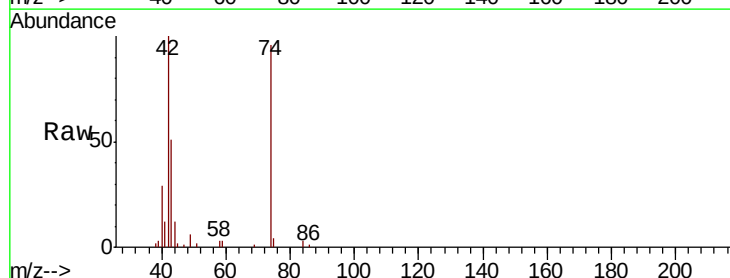
Tgt Ion: 42 Resp: 23812

Ion Ratio Lower Upper

42 100

74 96.5 102.0 153.0#

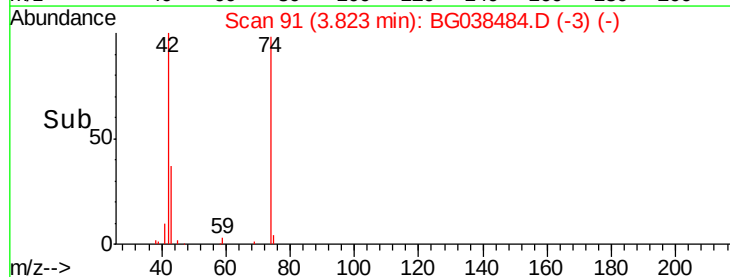
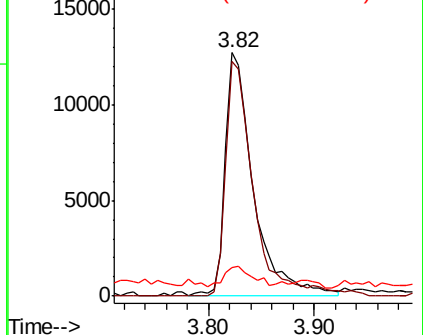
44 11.6 9.6 14.4

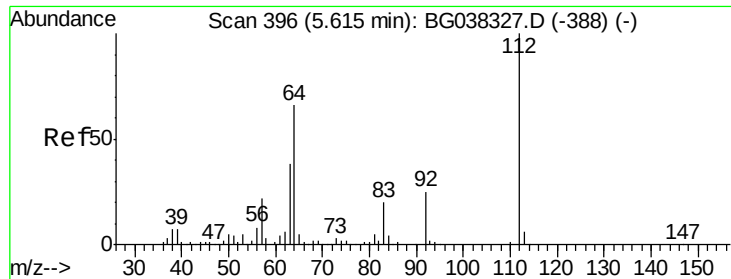


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 94.854 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

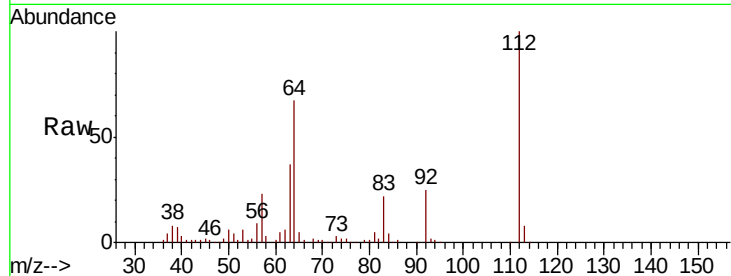
Tgt Ion: 112 Resp: 132308

Ion Ratio Lower Upper

112 100

64 67.4 53.1 79.7

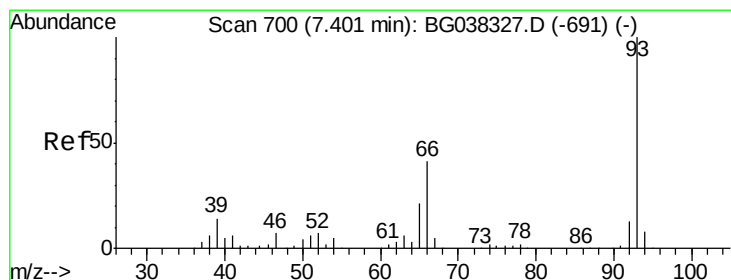
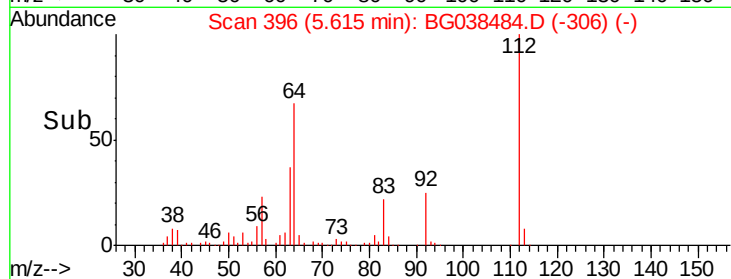
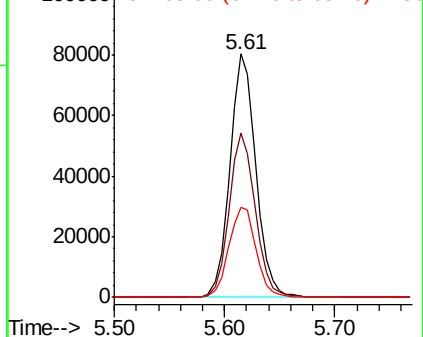
63 37.0 27.3 40.9



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: 12.859 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

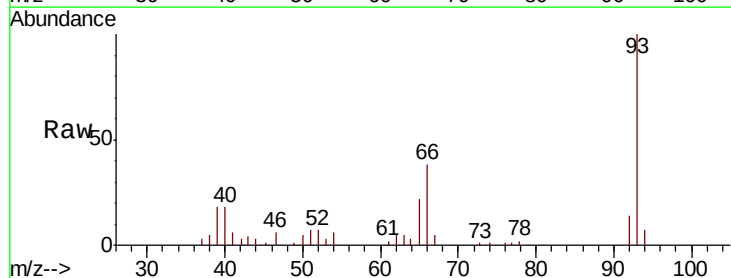
Tgt Ion: 93 Resp: 33112

Ion Ratio Lower Upper

93 100

66 38.0 32.8 49.2

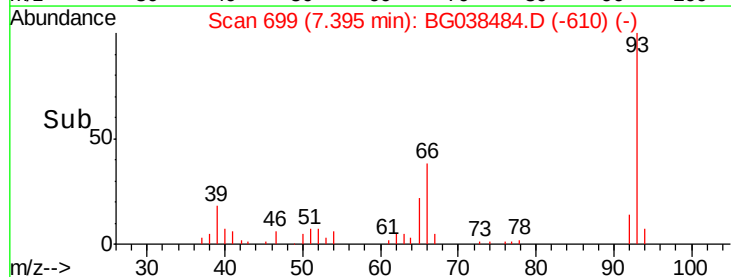
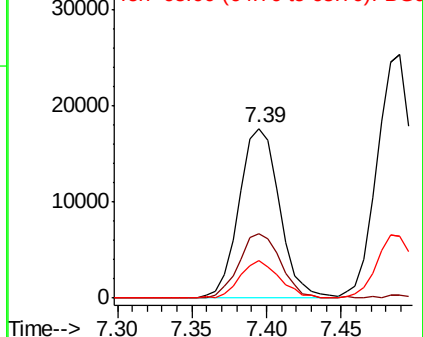
65 21.8 16.4 24.6

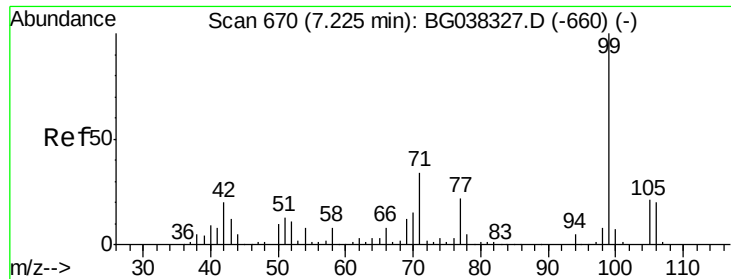


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.687 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

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ClientSampleId :

PB115573BS

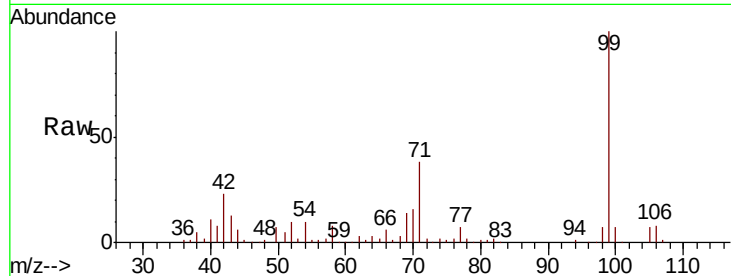
Tgt Ion: 99 Resp: 186861

Ion Ratio Lower Upper

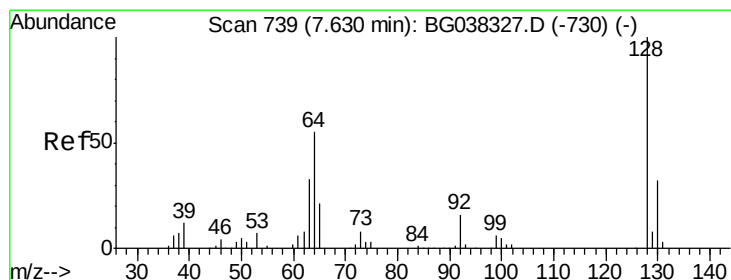
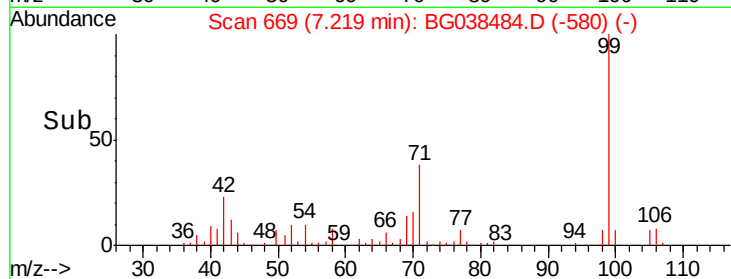
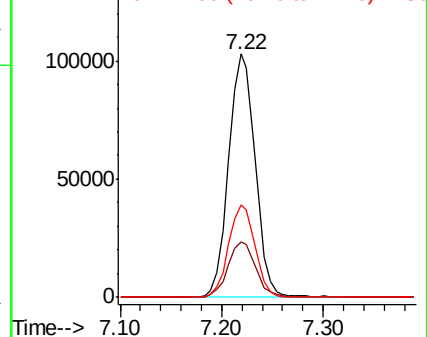
99 100

42 23.0 15.0 22.4#

71 38.3 25.5 38.3



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: 30.759 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

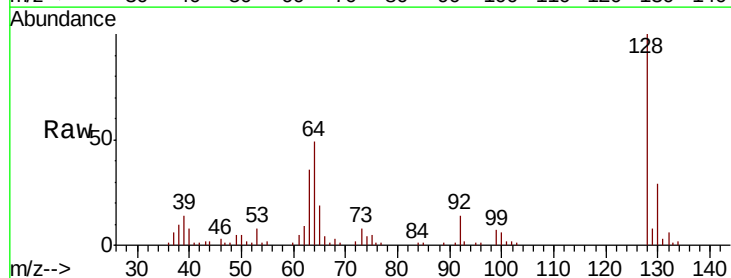
Tgt Ion: 128 Resp: 49828

Ion Ratio Lower Upper

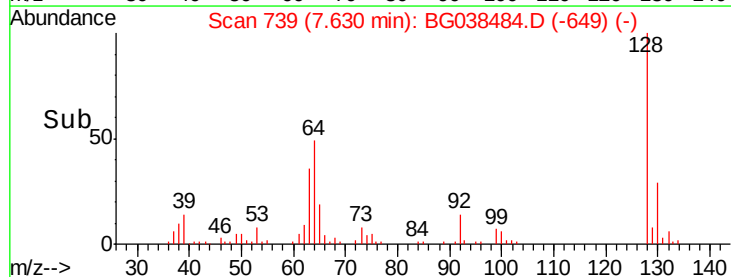
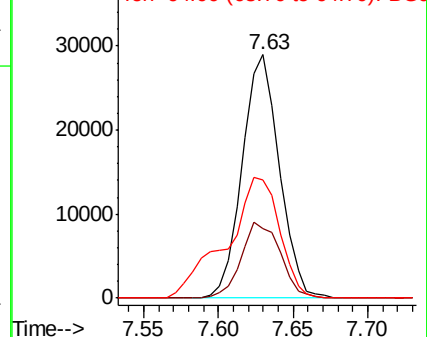
128 100

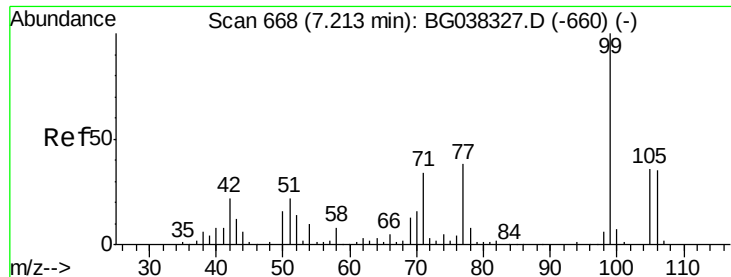
130 28.6 12.0 52.0

64 48.6 32.9 72.9



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: 14.905 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

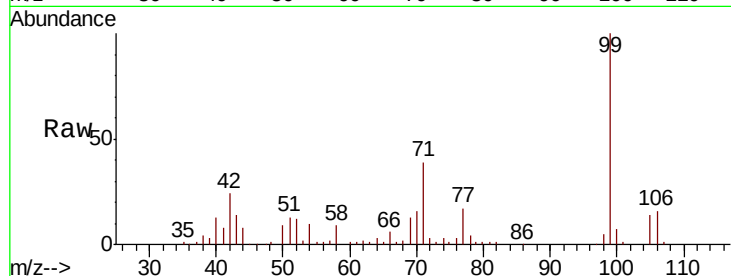
Tgt Ion: 77 Resp: 19028

Ion Ratio Lower Upper

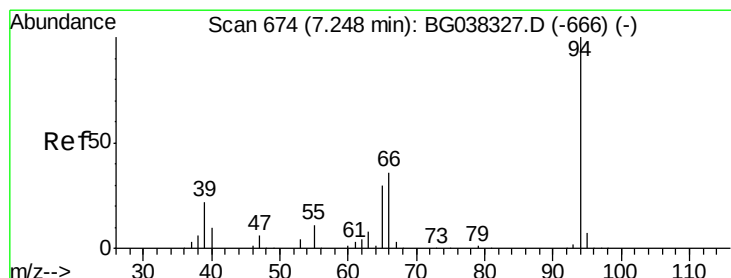
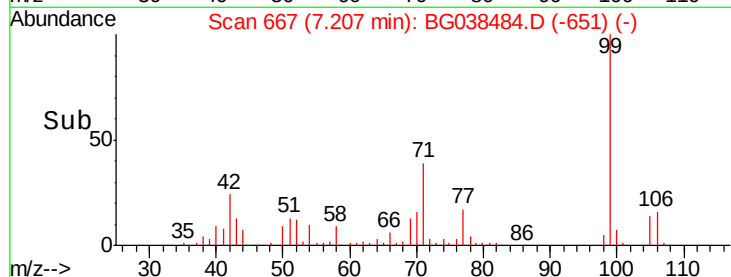
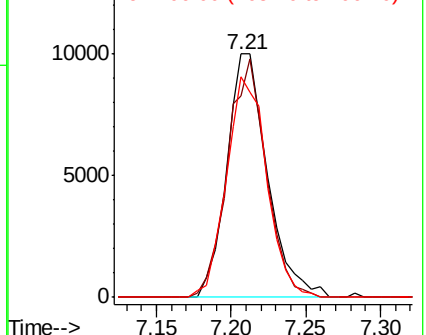
77 100

105 82.8 72.6 112.6

106 90.5 71.3 111.3



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: 29.840 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

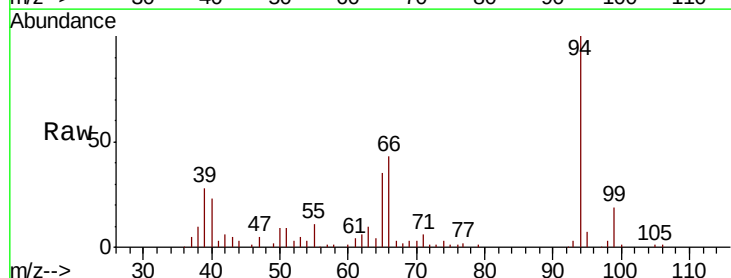
Tgt Ion: 94 Resp: 63561

Ion Ratio Lower Upper

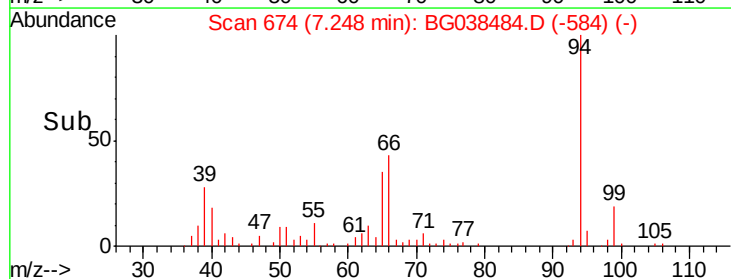
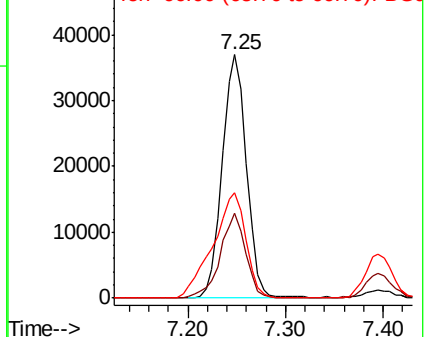
94 100

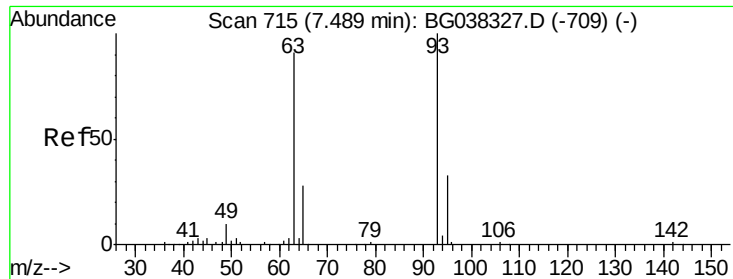
65 34.9 9.7 49.7

66 43.3 15.9 55.9



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: 24.164 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

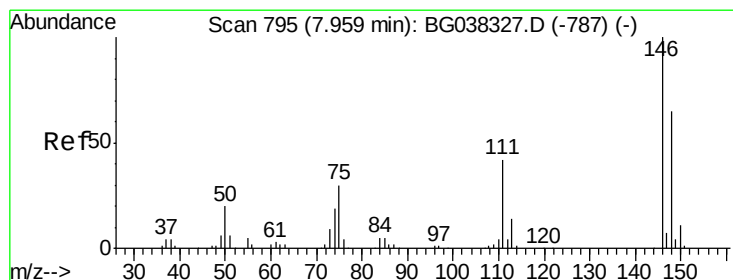
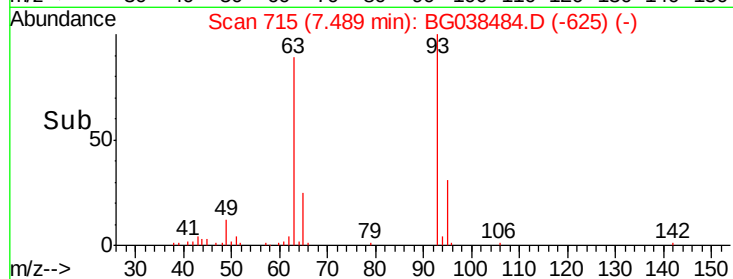
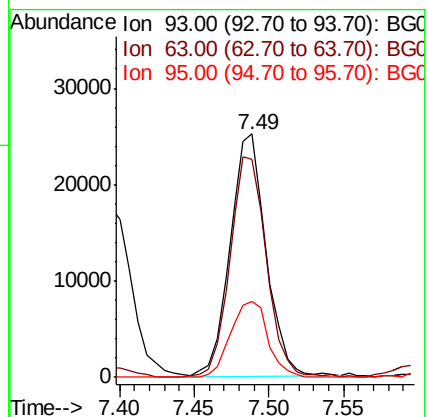
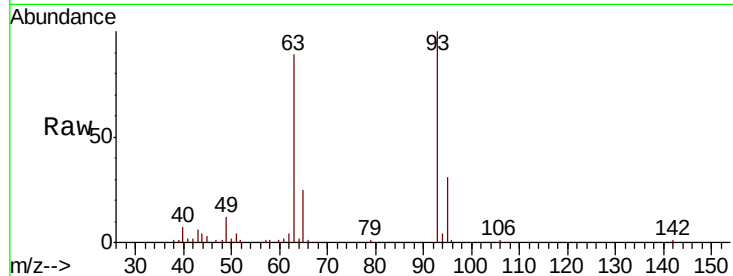
Tgt Ion: 93 Resp: 42155

Ion Ratio Lower Upper

93 100

63 89.5 69.5 109.5

95 31.4 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 26.296 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

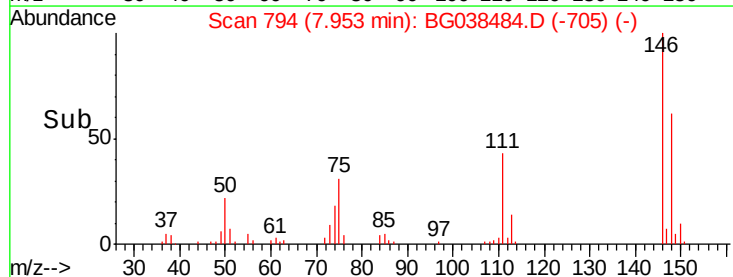
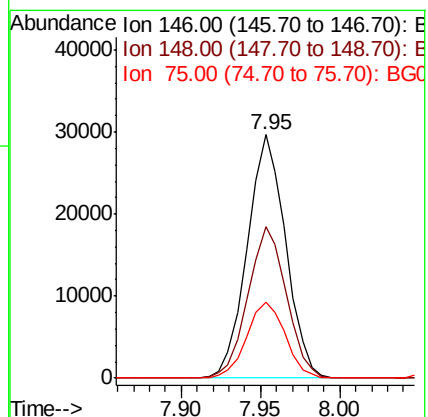
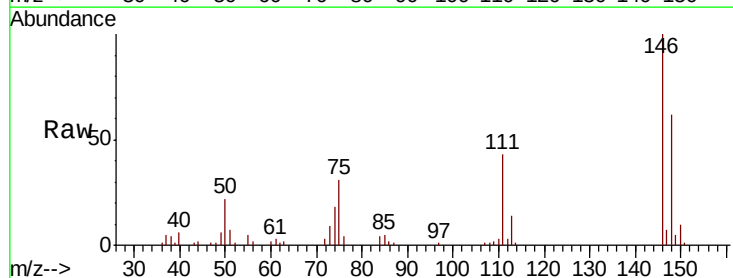
Tgt Ion: 146 Resp: 49788

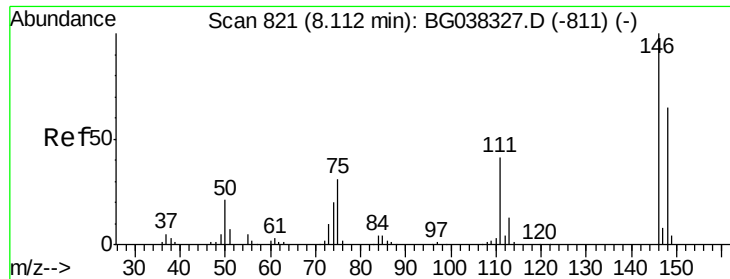
Ion Ratio Lower Upper

146 100

148 62.0 49.8 74.8

75 31.3 23.2 34.8

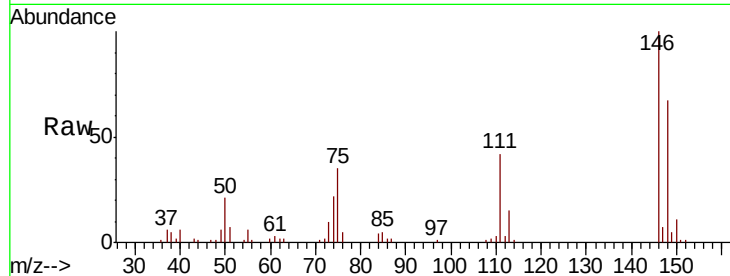




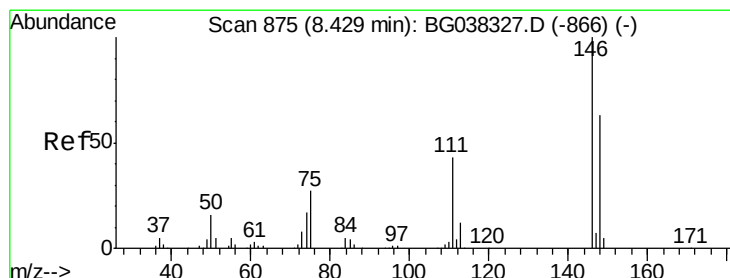
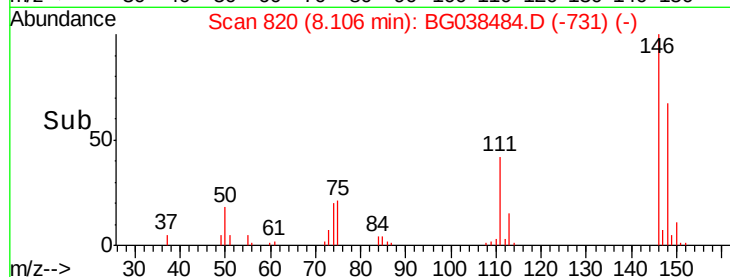
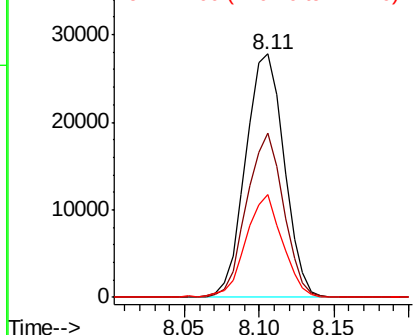
#13
 1,4-Dichlorobenzene
 Concen: 25.335 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion:146 Resp: 49631
 Ion Ratio Lower Upper
 146 100
 148 67.2 51.0 76.6
 111 42.0 32.4 48.6

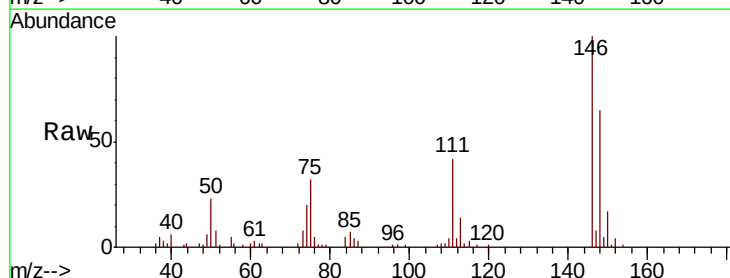


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

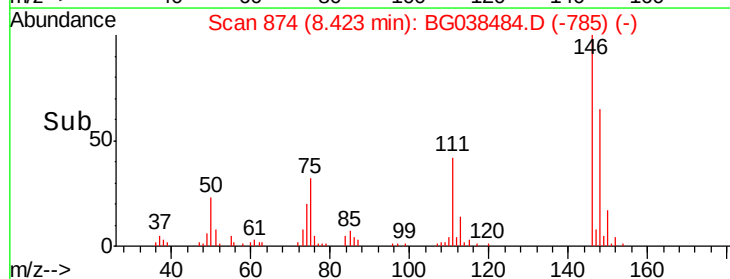
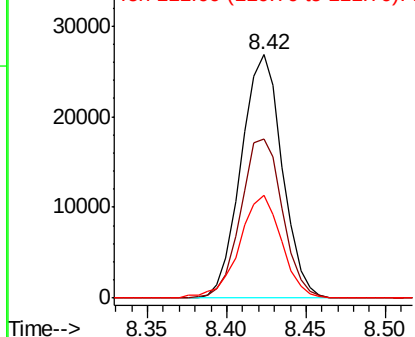


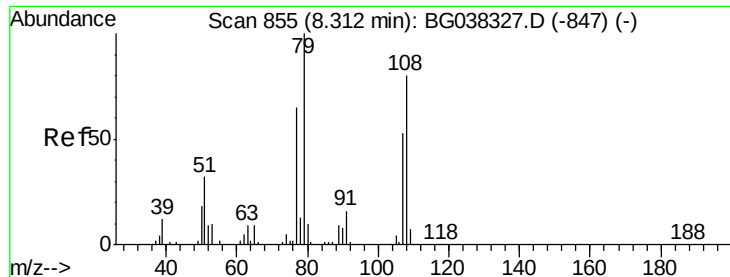
#14
 1,2-Dichlorobenzene
 Concen: 23.424 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:146 Resp: 48309
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.4 75.6
 111 42.5 34.6 51.8



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: 26.222 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

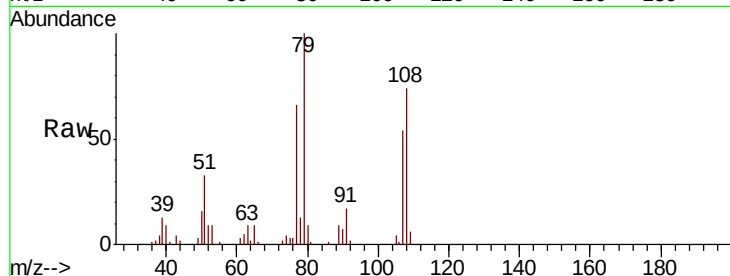
Tgt Ion: 79 Resp: 43462

Ion Ratio Lower Upper

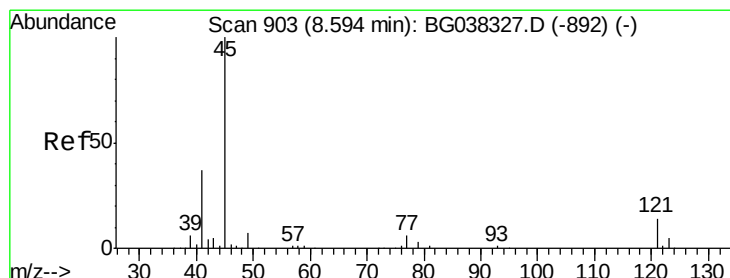
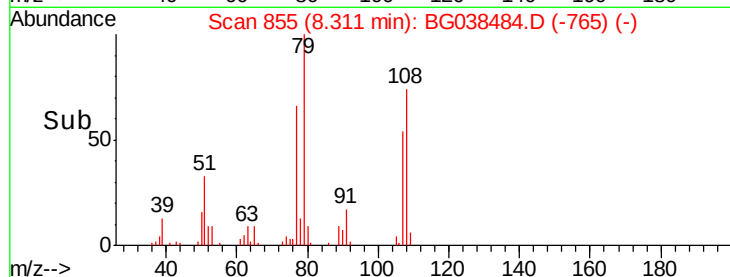
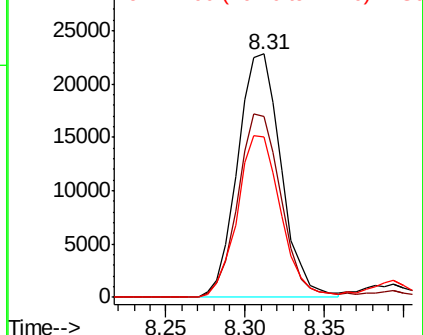
79 100

108 74.5 65.8 98.8

77 65.7 52.9 79.3



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: 24.659 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

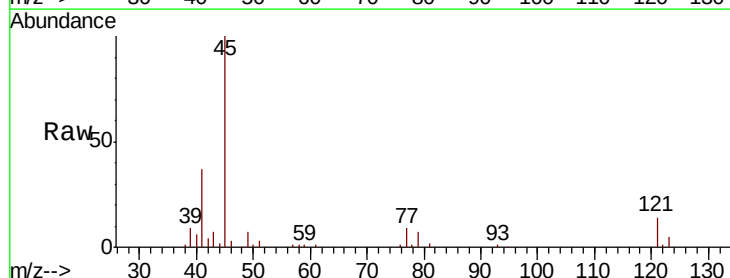
Tgt Ion: 45 Resp: 97849

Ion Ratio Lower Upper

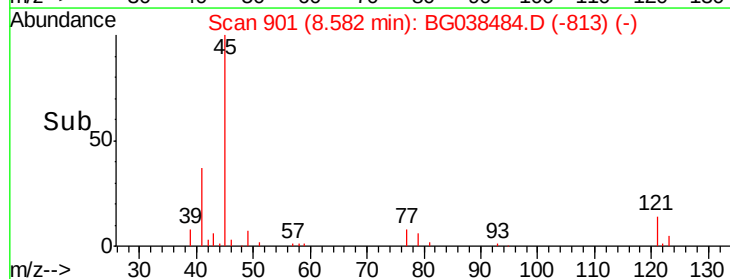
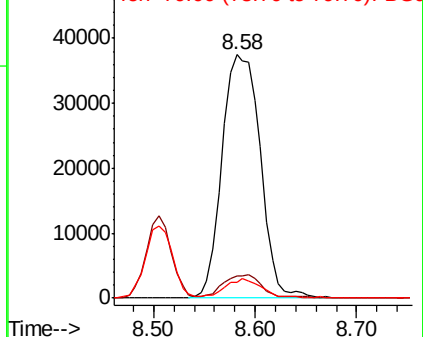
45 100

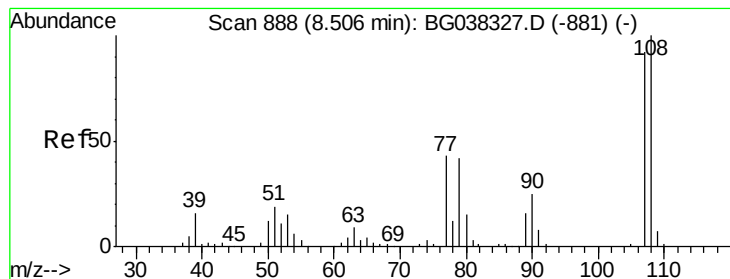
77 9.3 0.0 30.0

79 6.6 0.0 29.0



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: 27.592 ng

RT: 8.51 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tgt Ion:107 Resp: 43868

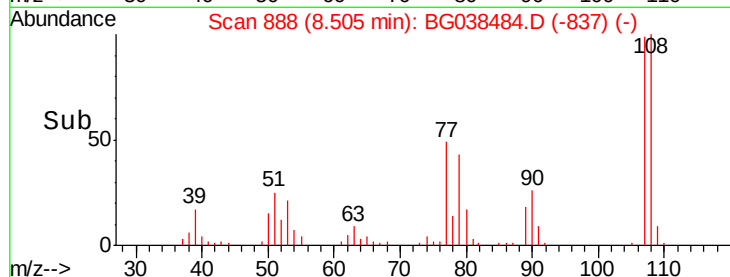
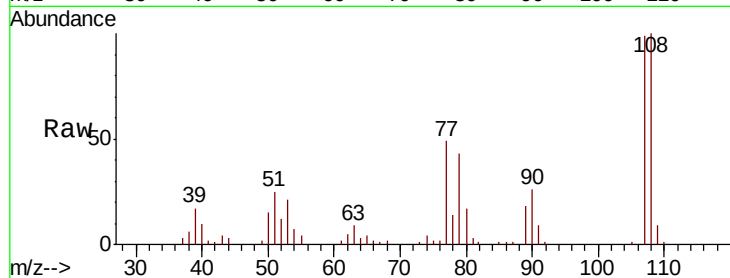
Ion Ratio Lower Upper

107 100

108 101.4 87.9 131.9

77 49.6 35.1 52.7

79 43.8 34.5 51.7

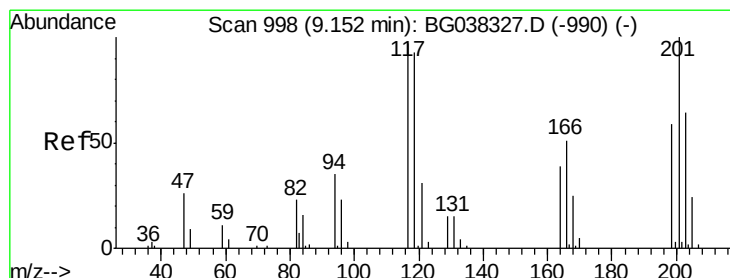
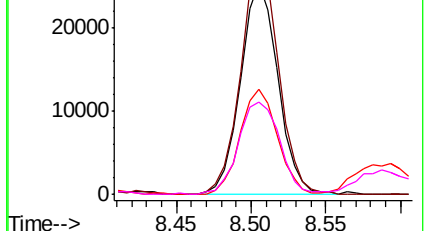


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.757 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

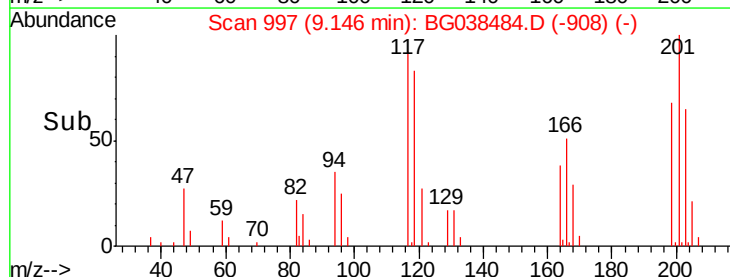
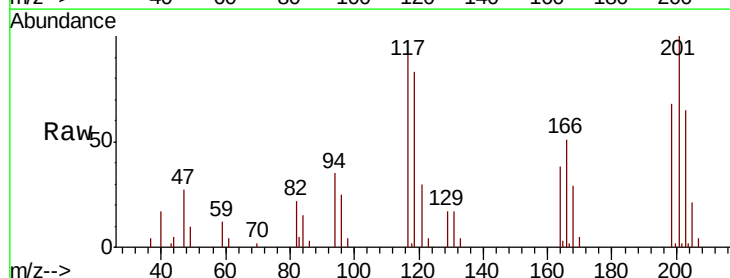
Tgt Ion:117 Resp: 18211

Ion Ratio Lower Upper

117 100

119 89.9 74.6 111.8

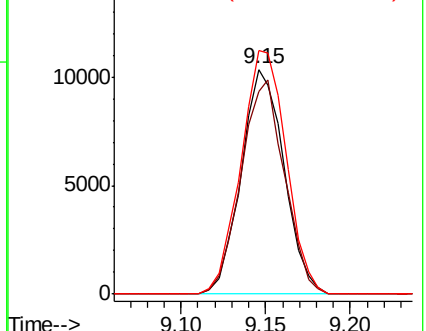
201 111.0 80.8 121.2

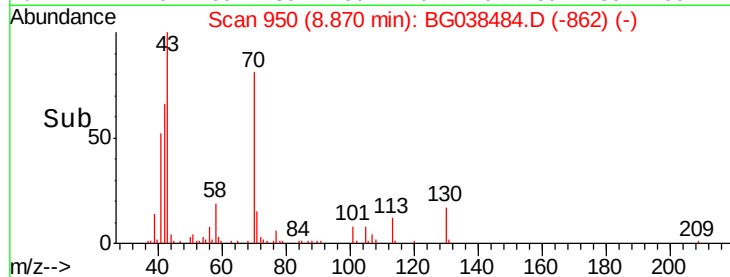
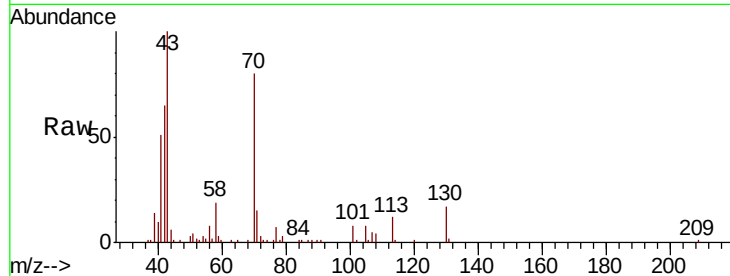
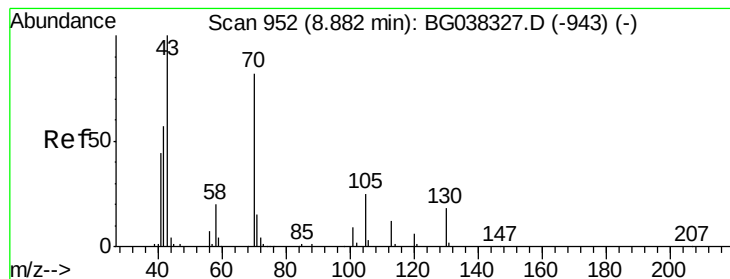


Abundance Ion 117.00 (116.70 to 117.70): E

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: 24.804 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tgt Ion: 70 Resp: 37726

Ion Ratio Lower Upper

70 100

42 81.8 53.9 80.9#

101 9.8 8.2 12.2

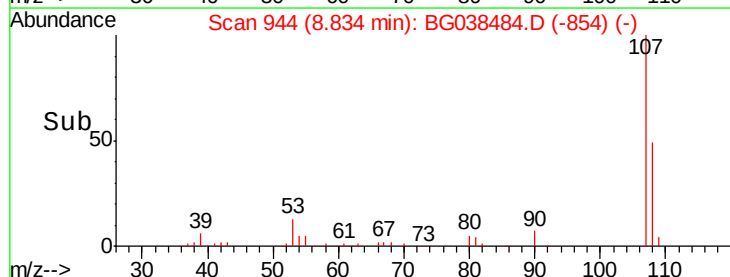
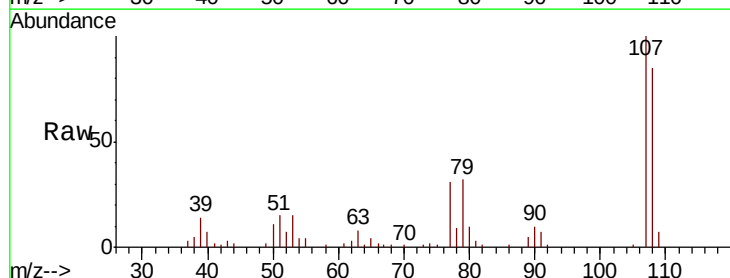
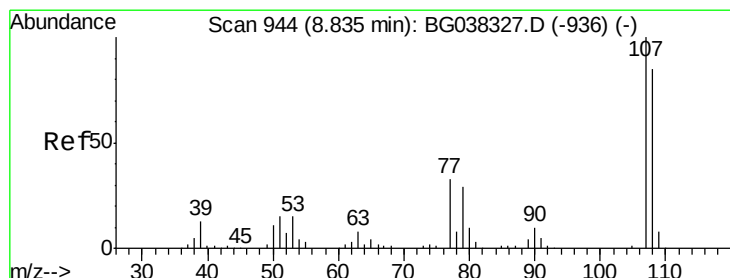
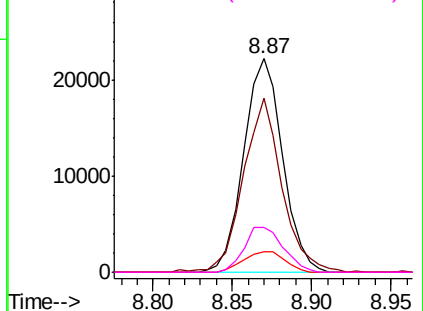
130 21.2 18.2 27.4

Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 28.581 ng

RT: 8.83 min Scan# 944

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion: 107 Resp: 61332

Ion Ratio Lower Upper

107 100

108 84.7 69.9 109.9

77 31.3 11.2 51.2

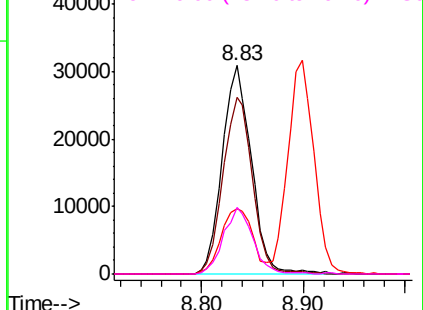
79 31.9 6.6 46.6

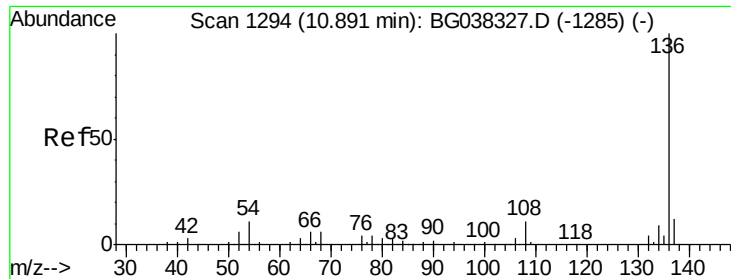
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

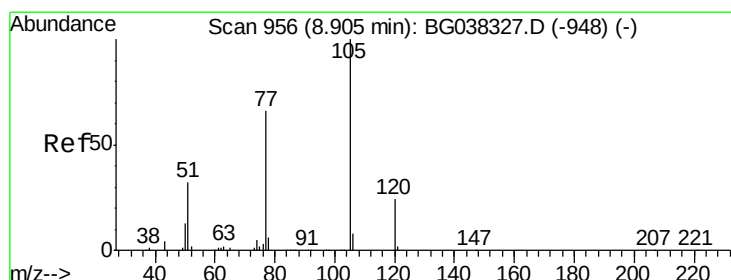
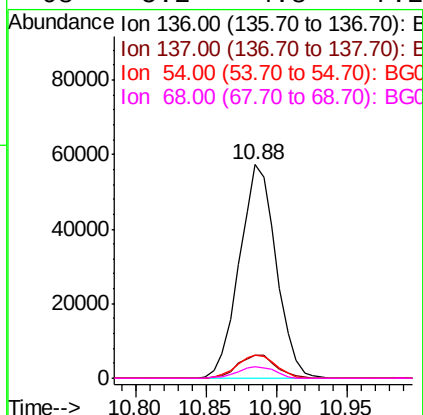
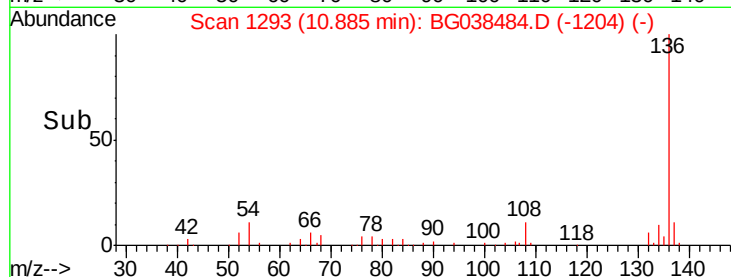
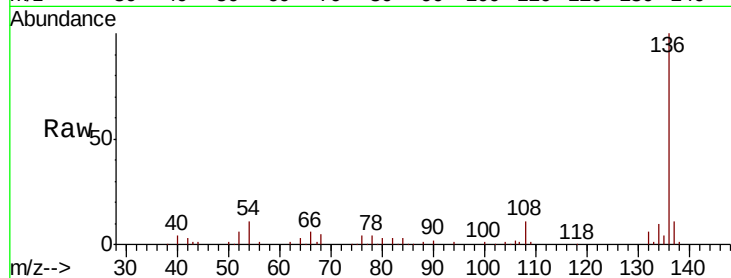




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

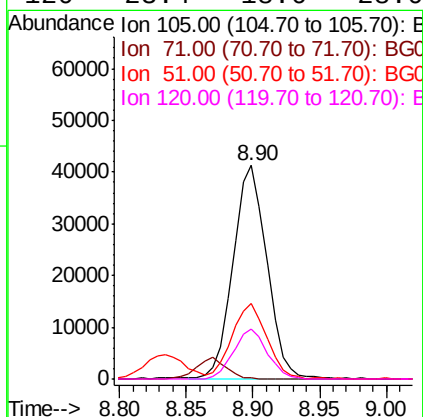
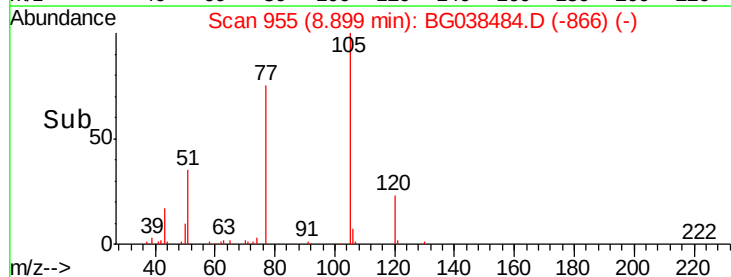
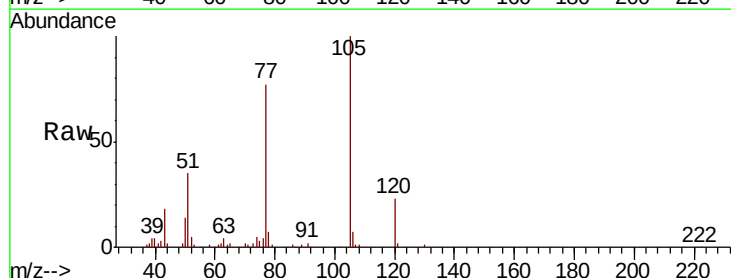
Instrument :
BNA_G
ClientSampleId :
PB115573BS

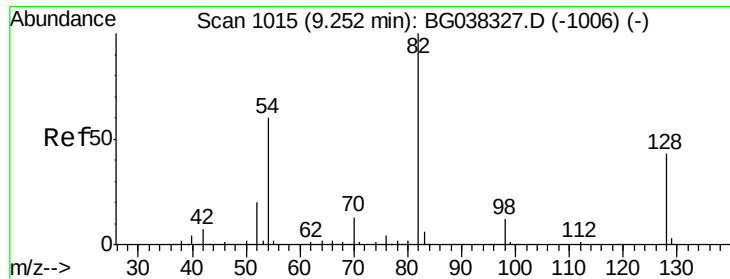
Tgt Ion:	136	Resp:	104100
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	11.1	7.9	11.9
68	5.2	4.8	7.2



#22
Acetophenone
Concen: 28.118 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:	105	Resp:	72596
Ion	Ratio	Lower	Upper
105	100		
71	0.5	1.2	1.8#
51	35.4	25.0	37.6
120	23.4	18.6	28.0

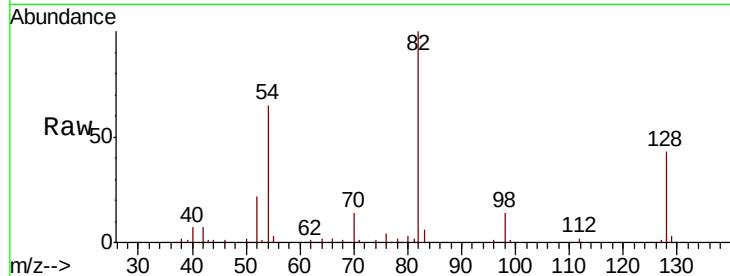




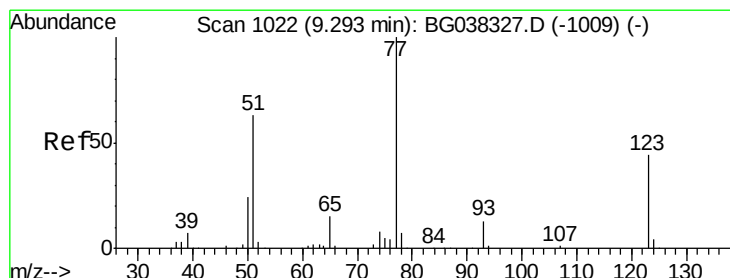
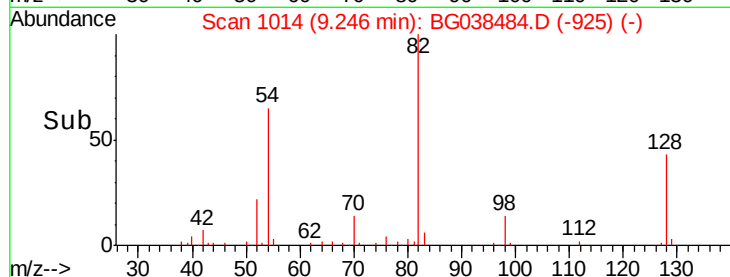
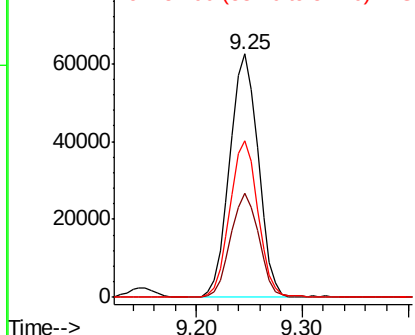
#23
 Nitrobenzene-d5
 Concen: 55.730 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion: 82 Resp: 116853
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 51.8
 54 64.6 45.3 67.9

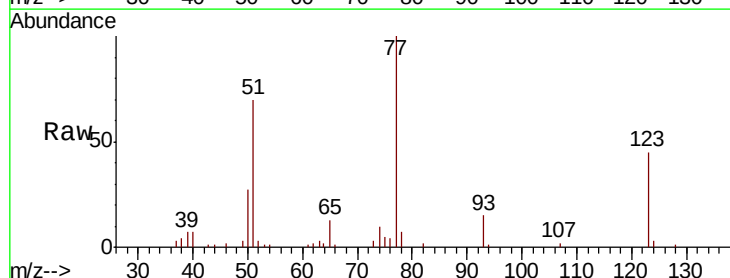


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

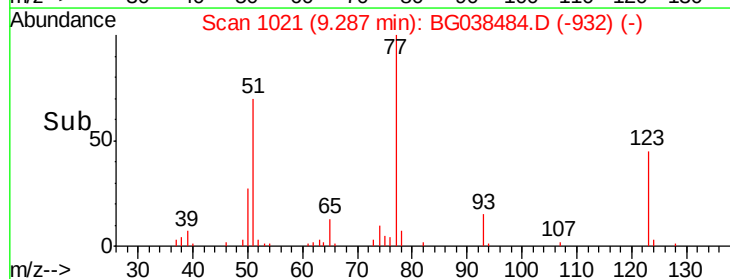
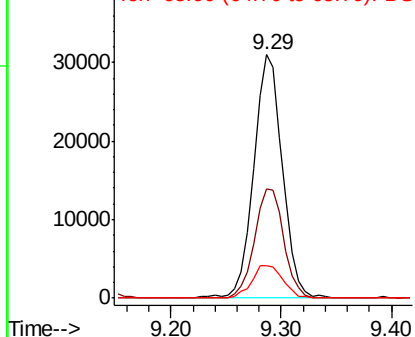


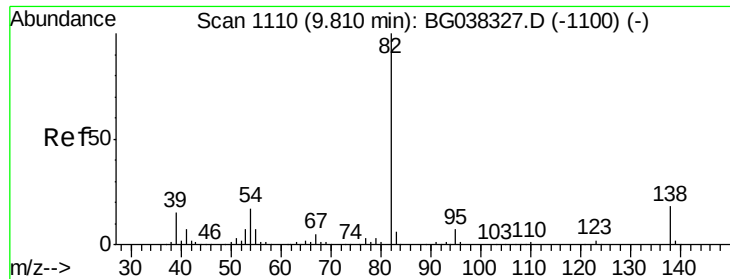
#24
 Nitrobenzene
 Concen: 26.463 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion: 77 Resp: 56374
 Ion Ratio Lower Upper
 77 100
 123 44.7 33.6 50.4
 65 13.4 11.3 16.9



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

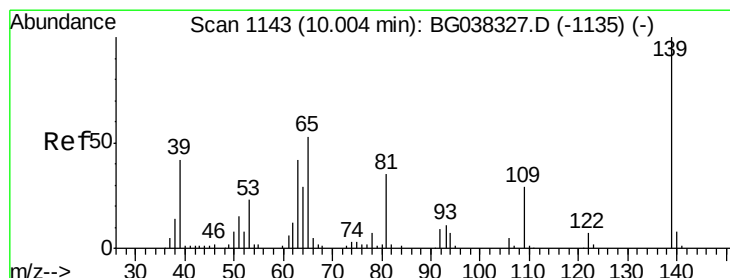
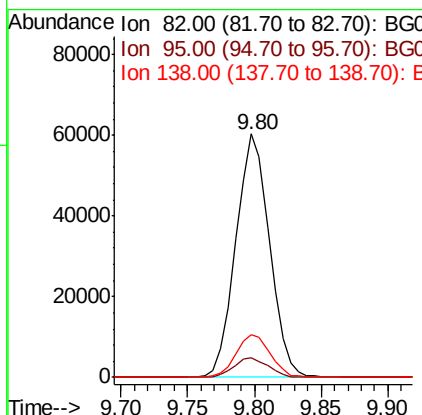
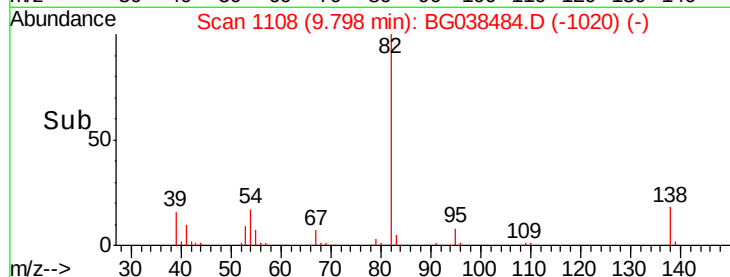
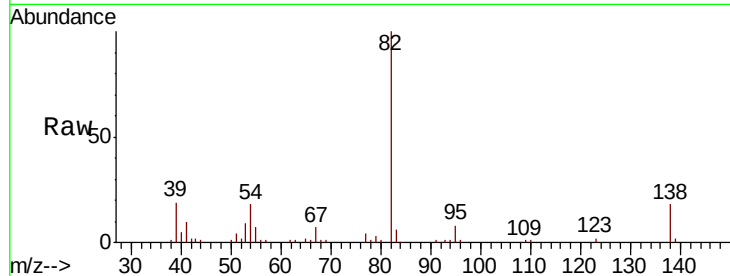




#25
Isophorone
Concen: 28.631 ng
RT: 9.80 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

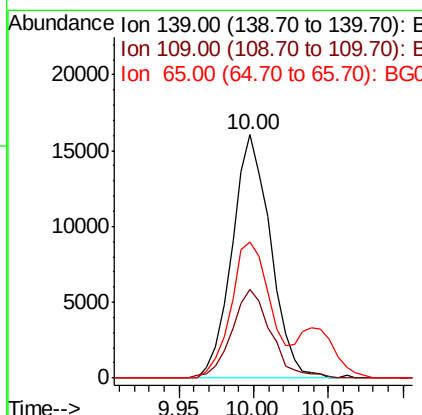
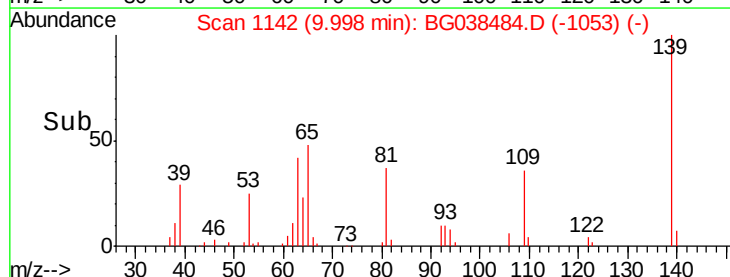
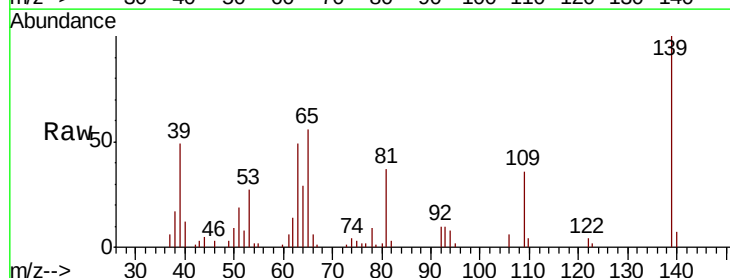
Instrument :
BNA_G
ClientSampleId :
PB115573BS

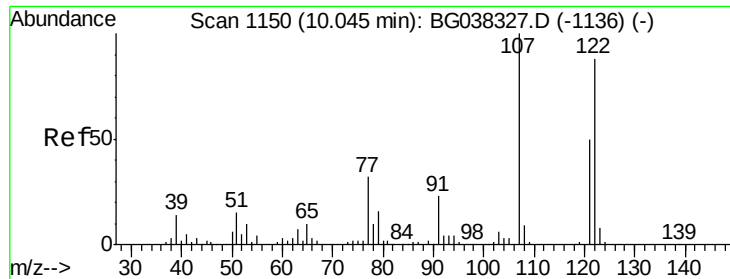
Tgt Ion: 82 Resp: 105500
Ion Ratio Lower Upper
82 100
95 7.8 5.3 7.9
138 17.6 13.3 19.9



#26
2-Nitrophenol
Concen: 29.120 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion: 139 Resp: 28743
Ion Ratio Lower Upper
139 100
109 36.2 23.3 34.9#
65 55.9 39.8 59.8

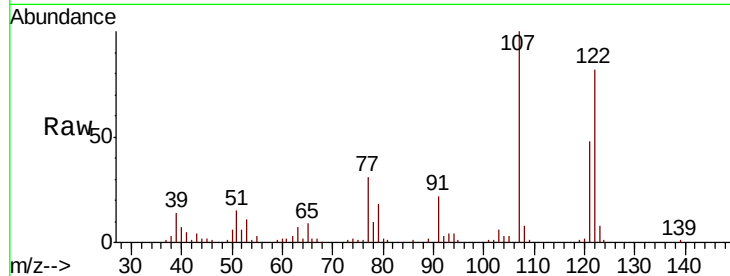




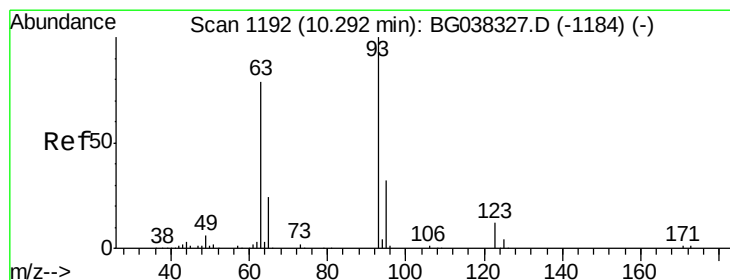
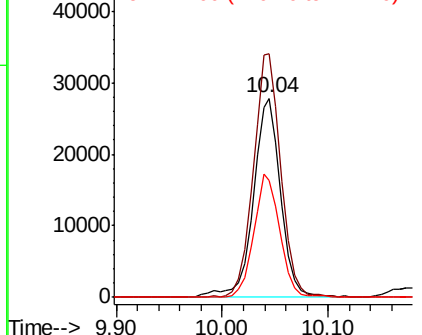
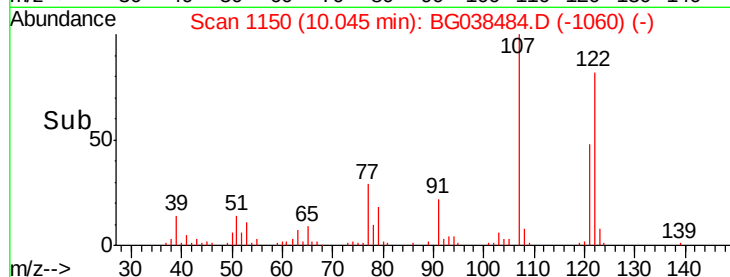
#27
 2,4-Dimethylphenol
 Concen: 35.290 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion:122 Resp: 50032
 Ion Ratio Lower Upper
 122 100
 107 122.1 94.2 141.2
 121 58.4 47.3 70.9

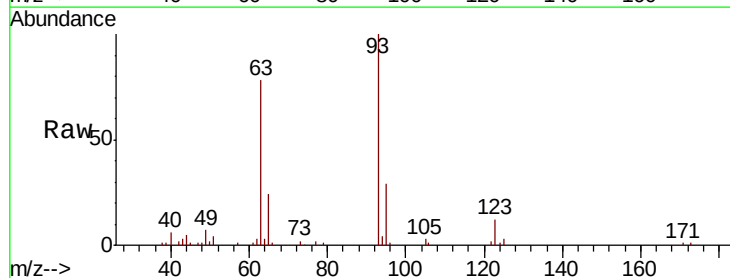


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

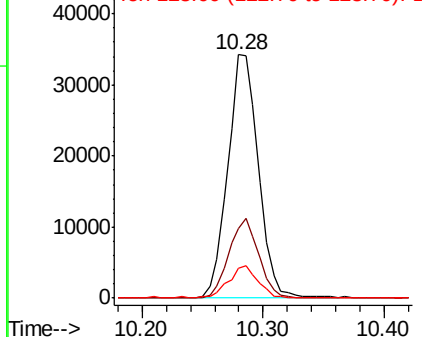
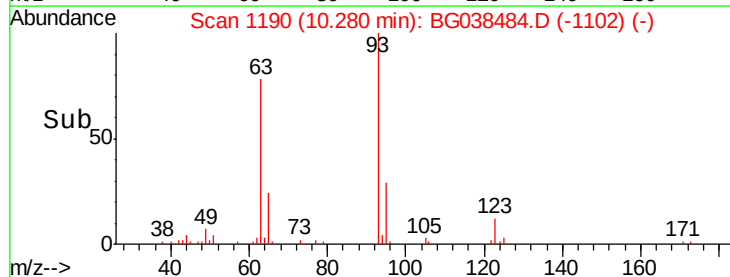


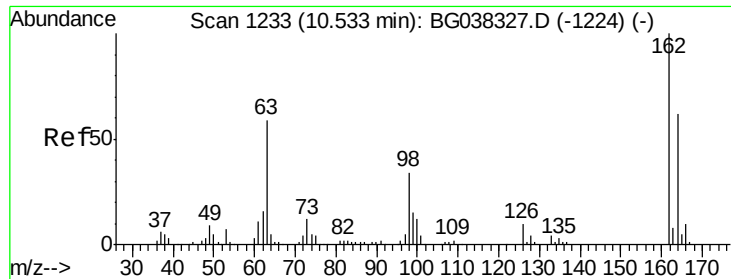
#28
 bis(2-Chloroethoxy)methane
 Concen: 28.559 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion: 93 Resp: 60328
 Ion Ratio Lower Upper
 93 100
 95 28.7 24.6 37.0
 123 12.1 9.1 13.7



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

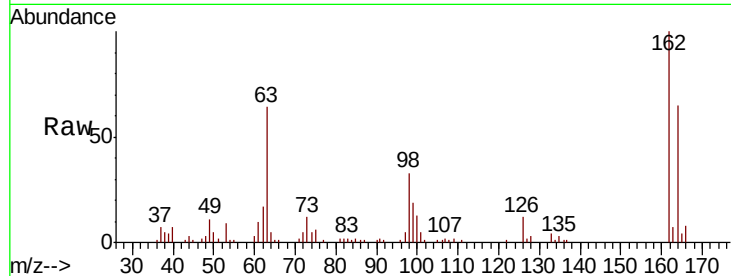




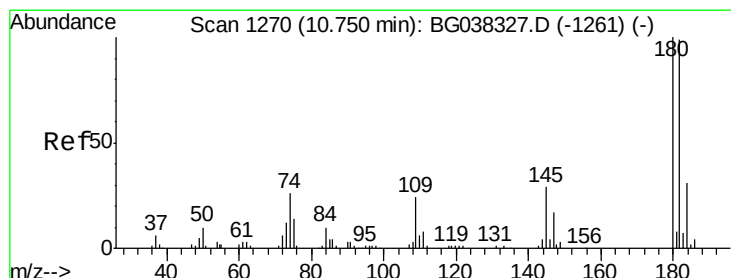
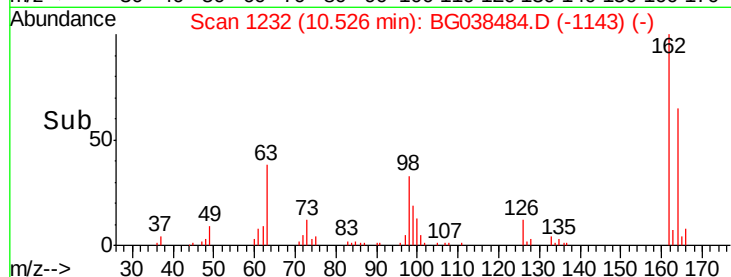
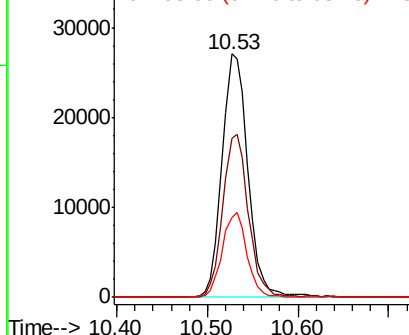
#29
 2,4-Dichlorophenol
 Concen: 33.249 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	32.5	16.0	56.0

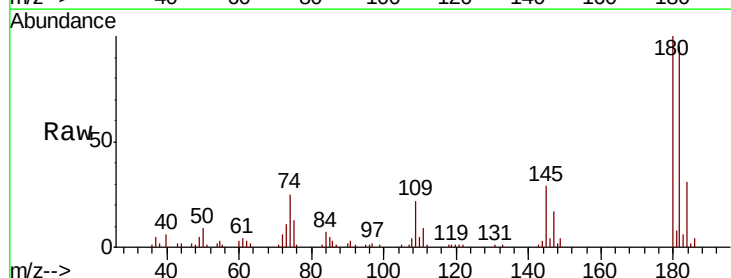


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

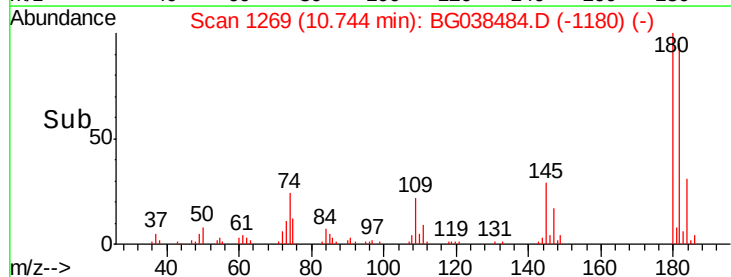
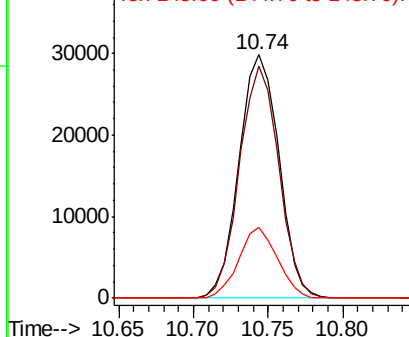


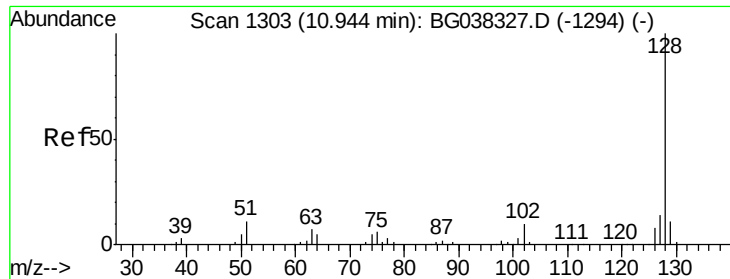
#30
 1,2,4-Trichlorobenzene
 Concen: 29.105 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.7	116.5
145	28.9	23.3	34.9



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

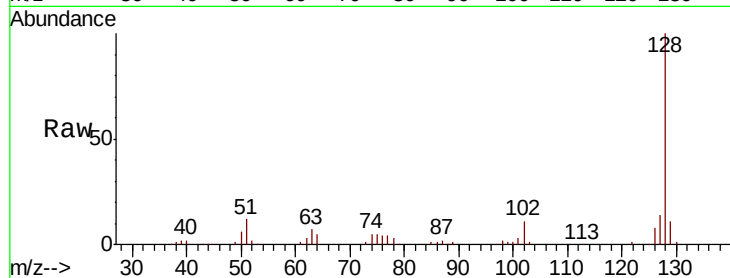




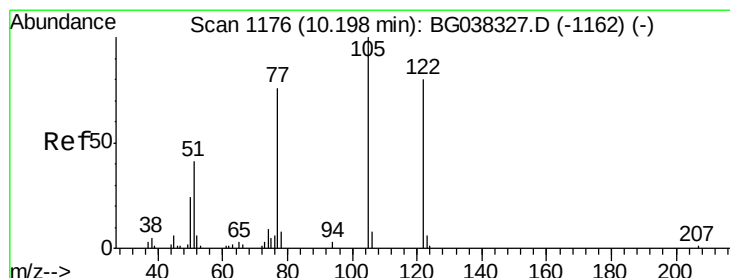
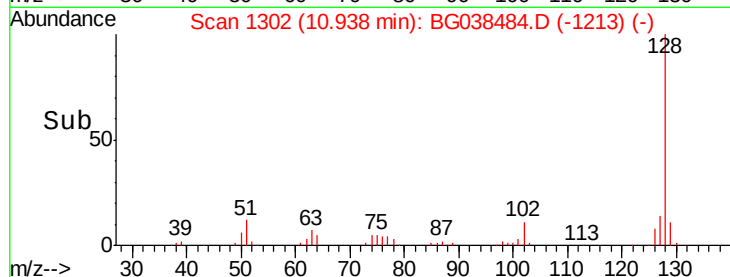
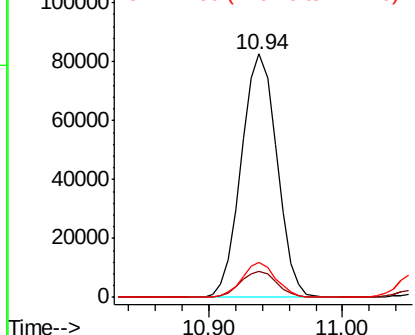
#31
Naphthalene
Concen: 30.671 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tgt Ion:128 Resp: 152515
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 14.4 11.1 16.7

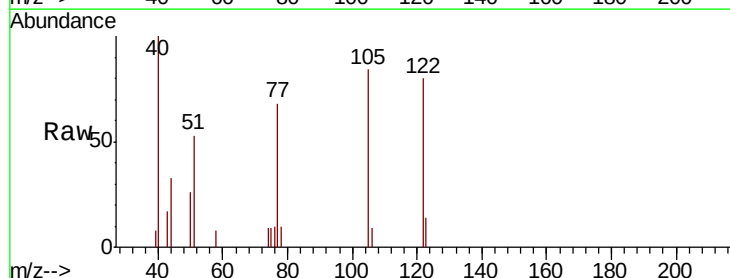


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

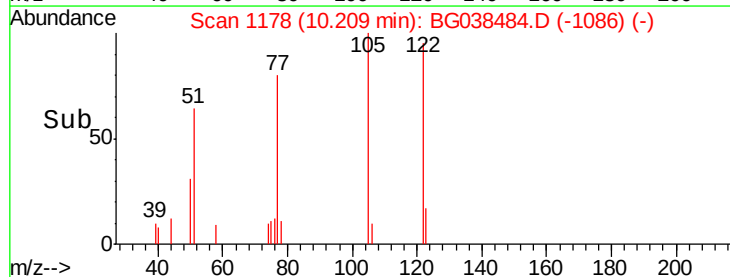
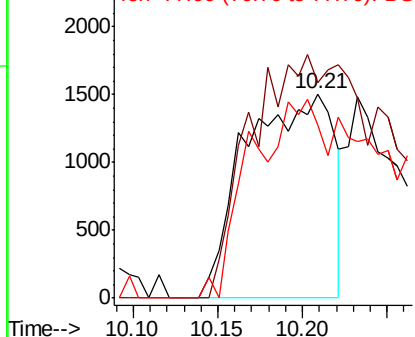


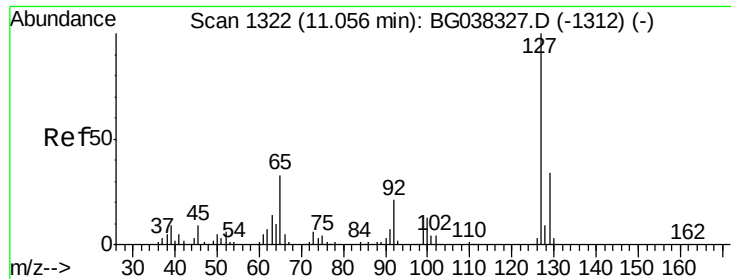
#32
Benzoic acid
Concen: 9.622 ng
RT: 10.21 min Scan# 1178
Delta R.T. 0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:122 Resp: 5436
Ion Ratio Lower Upper
122 100
105 105.4 106.7 146.7#
77 84.9 72.2 112.2



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

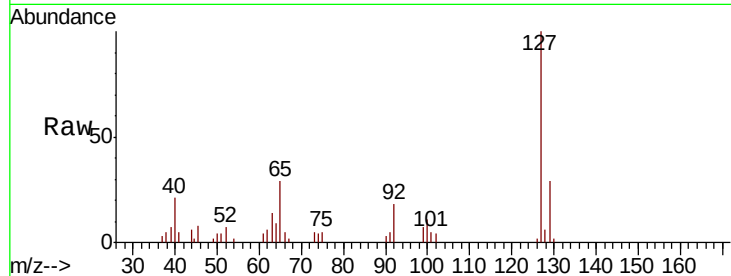




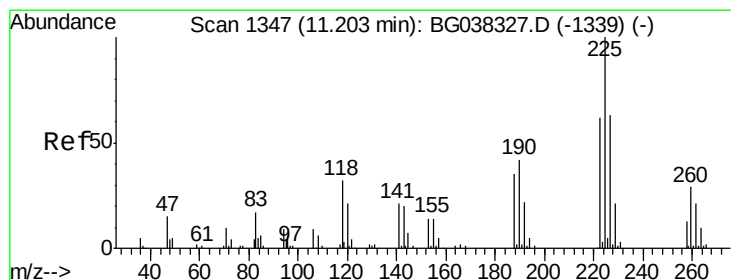
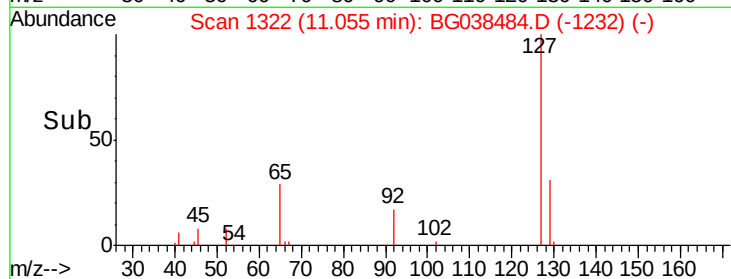
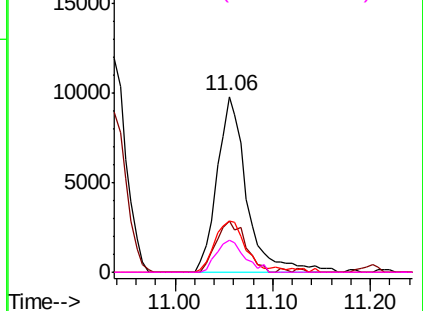
#33
4-Chloroaniline
Concen: 9.332 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tgt Ion:127 Resp: 20542
Ion Ratio Lower Upper
127 100
129 29.4 27.1 40.7
65 29.1 26.6 39.8
92 18.2 16.4 24.6

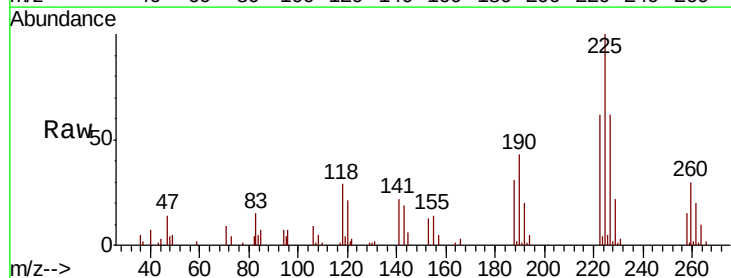


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

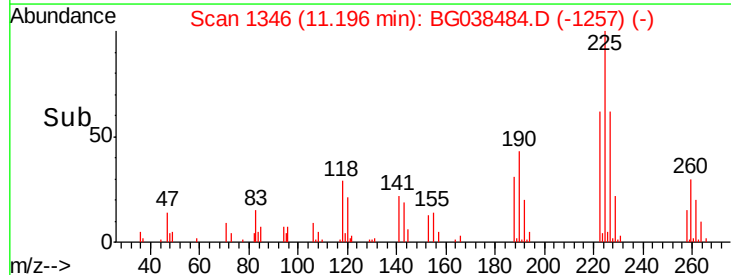
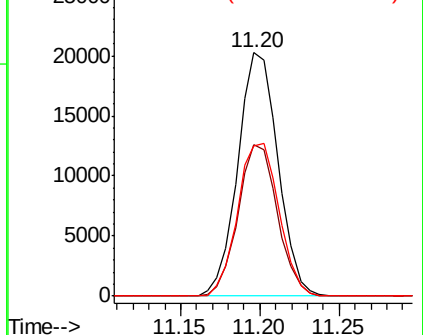


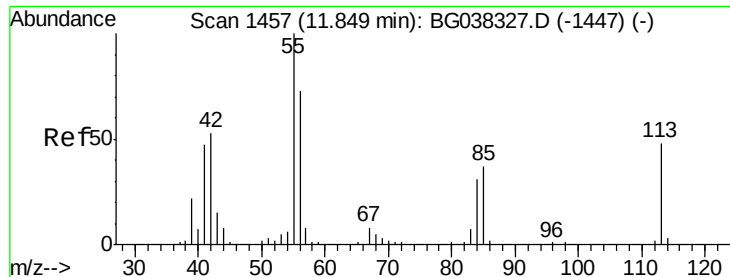
#34
Hexachlorobutadiene
Concen: 30.010 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:225 Resp: 35667
Ion Ratio Lower Upper
225 100
223 63.1 48.2 72.4
227 58.9 51.6 77.4



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: 28.788 ng

RT: 11.83 min Scan# 1454

Delta R.T. -0.02 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

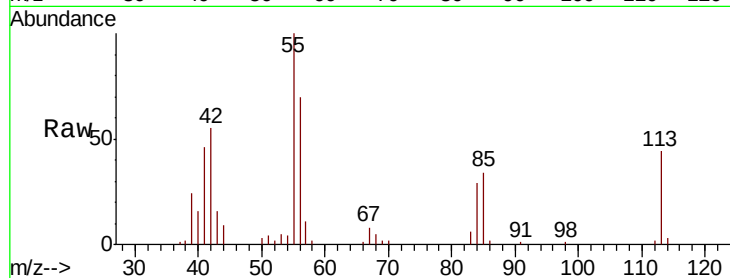
Tgt Ion:113 Resp: 19266

Ion Ratio Lower Upper

113 100

55 224.9 176.6 216.6#

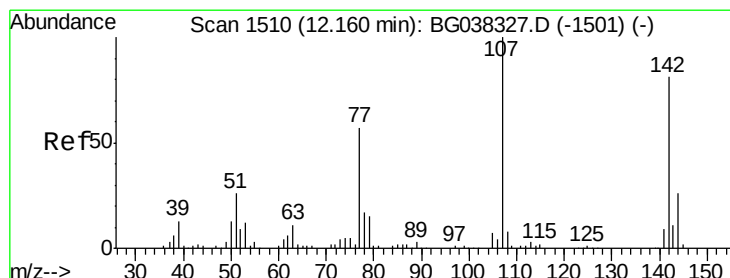
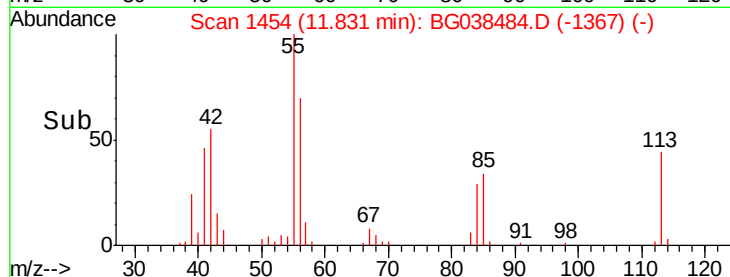
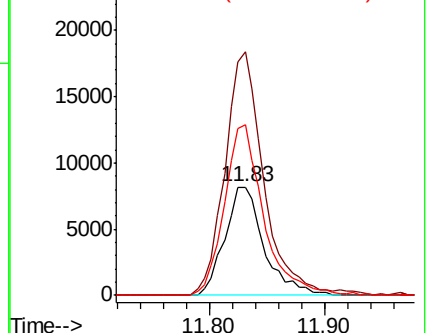
56 157.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 33.257 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

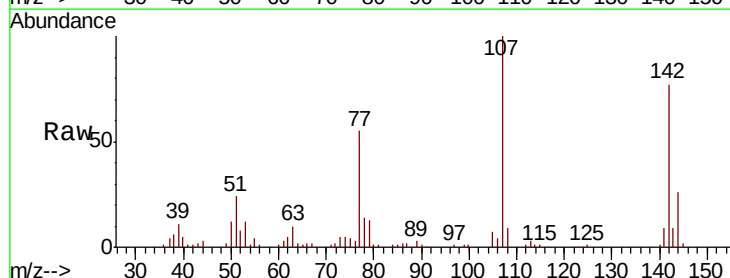
Tgt Ion:107 Resp: 59800

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

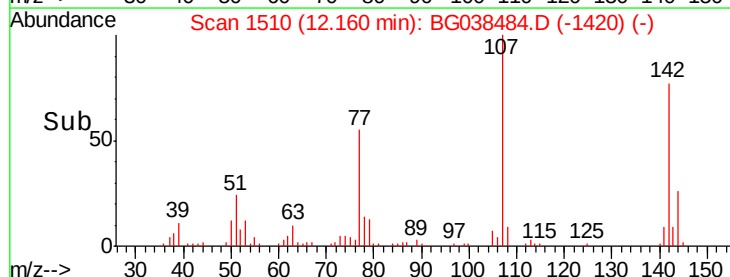
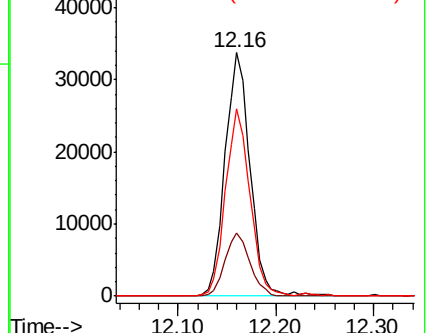
142 77.1 64.4 96.6

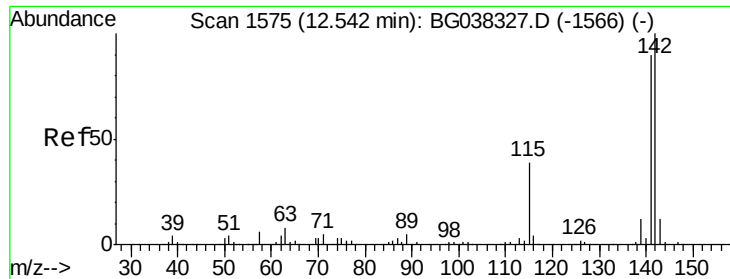


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

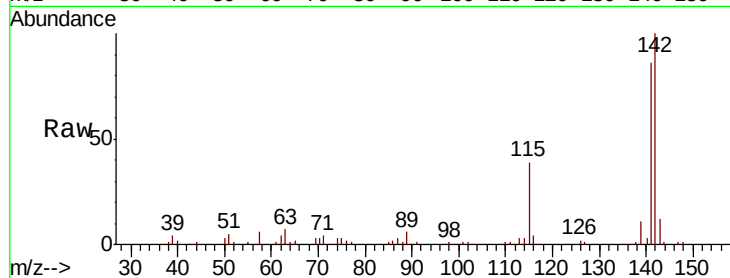




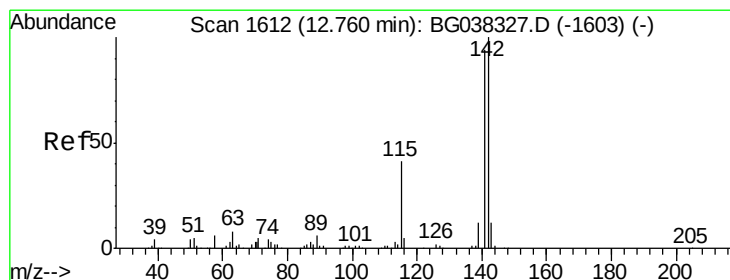
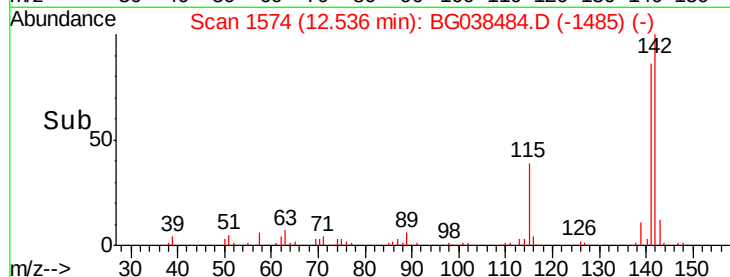
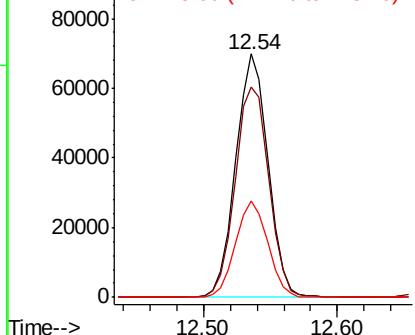
#37
 2-Methylnaphthalene
 Concen: 32.955 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion:142 Resp: 116703
 Ion Ratio Lower Upper
 142 100
 141 86.1 71.9 107.9
 115 39.4 27.8 41.8

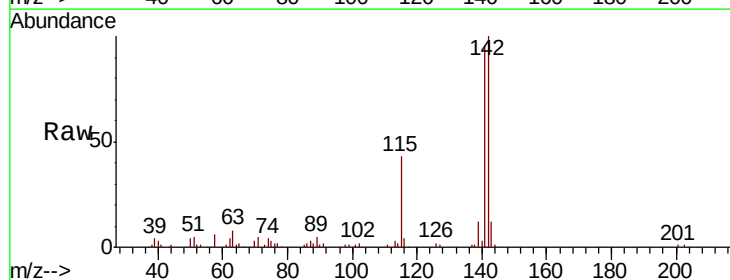


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

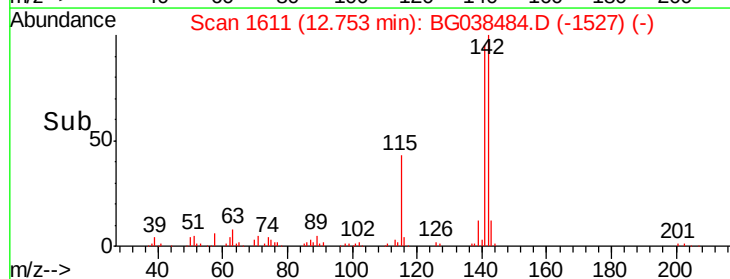
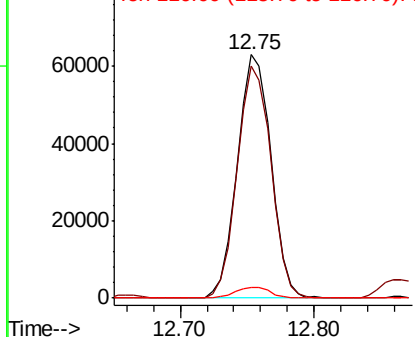


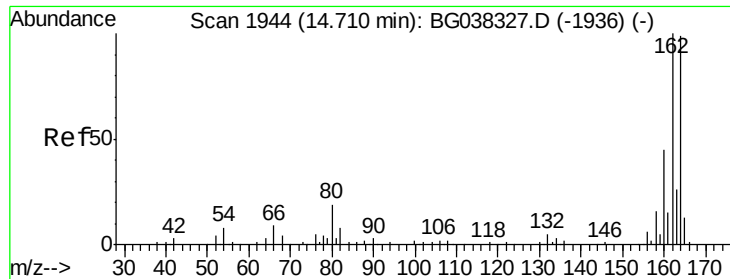
#38
 1-Methylnaphthalene
 Concen: 32.351 ng
 RT: 12.75 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:142 Resp: 109724
 Ion Ratio Lower Upper
 142 100
 141 95.1 75.2 112.8
 116 4.2 3.3 4.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

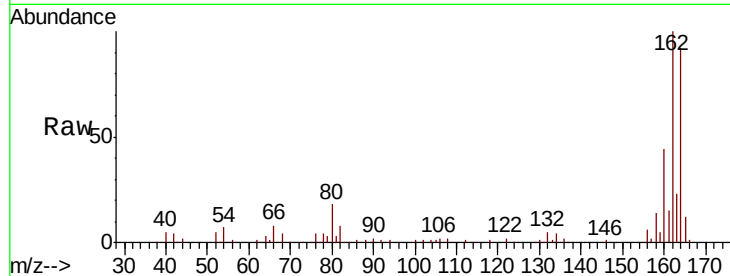
Tgt Ion:164 Resp: 70052

Ion Ratio Lower Upper

164 100

162 108.1 81.3 121.9

160 47.2 36.3 54.5

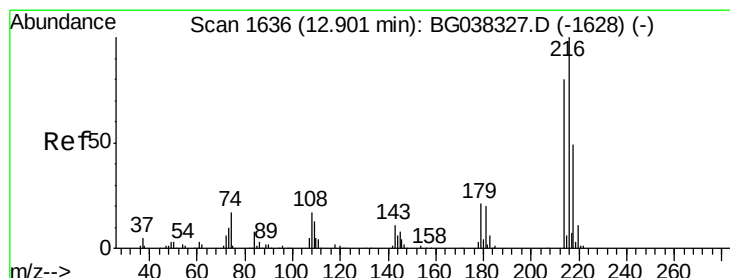
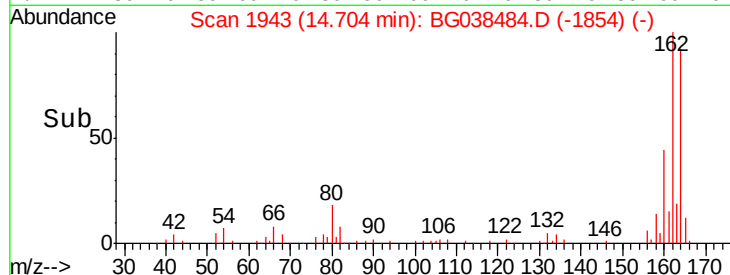
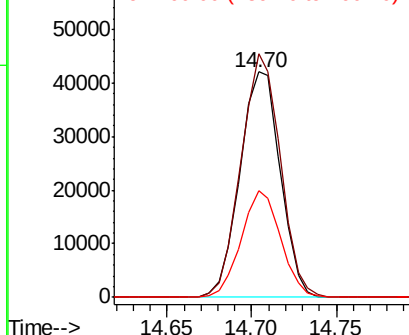


Abundance

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: 28.496 ng

RT: 12.89 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:216 Resp: 68689

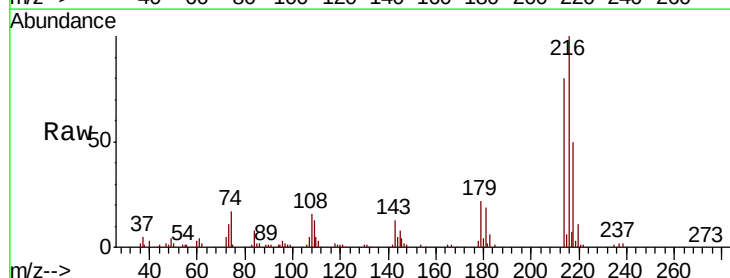
Ion Ratio Lower Upper

216 100

214 81.4 63.8 95.6

179 20.2 17.4 26.0

108 18.1 13.9 20.9



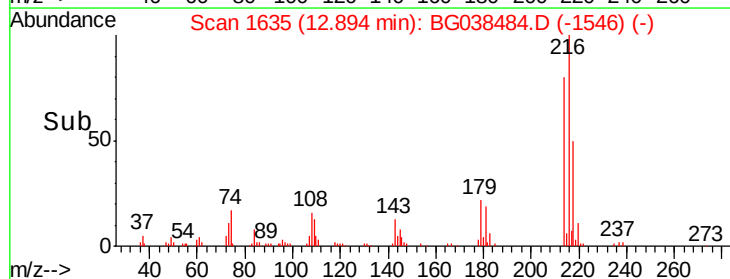
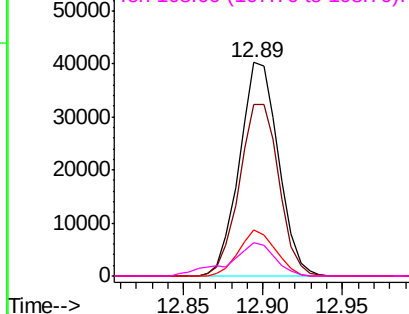
Abundance

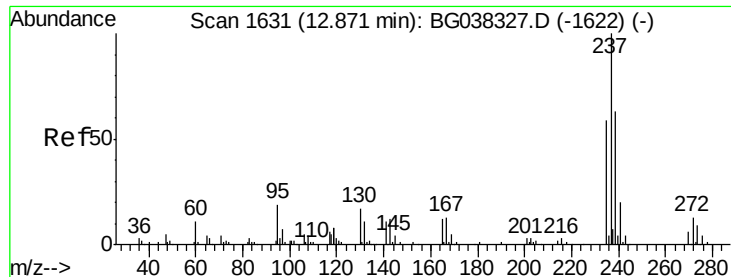
Ion 216.00 (215.70 to 216.70): E

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: 57.023 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

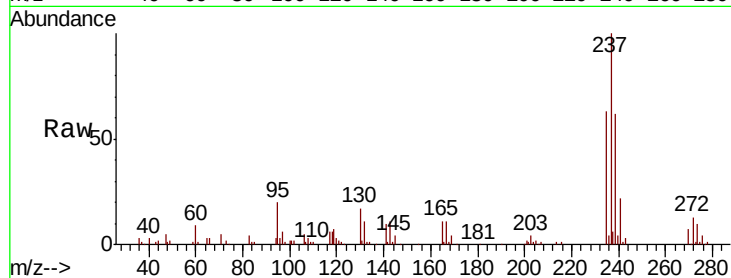
Tgt Ion:237 Resp: 75536

Ion Ratio Lower Upper

237 100

235 63.4 42.5 82.5

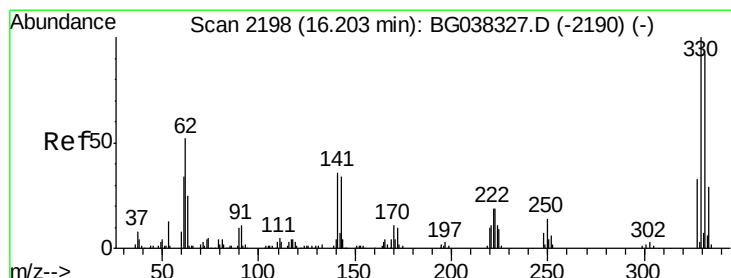
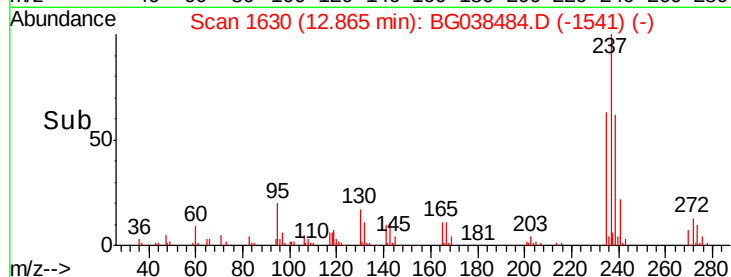
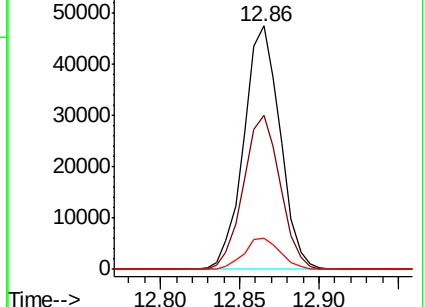
272 13.0 0.0 31.6



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: 101.596 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

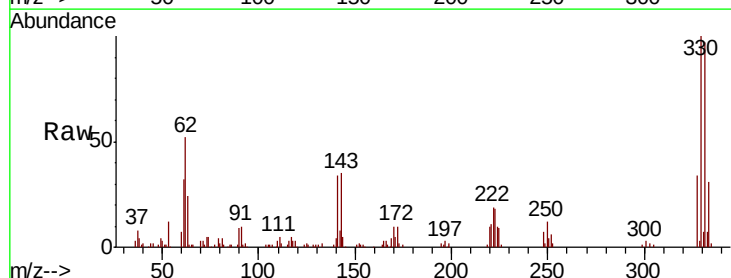
Tgt Ion:330 Resp: 87370

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

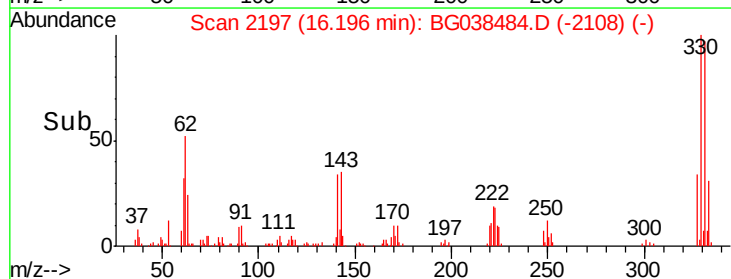
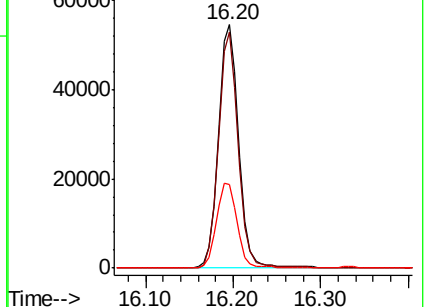
141 36.0 32.2 48.2

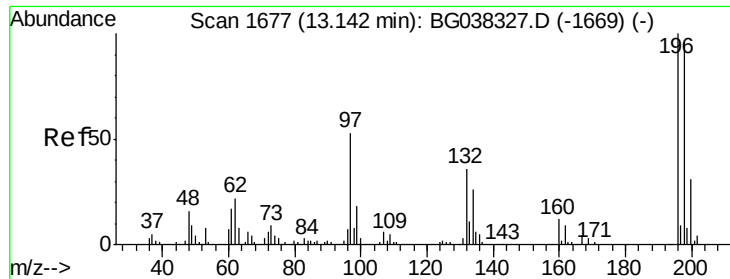


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

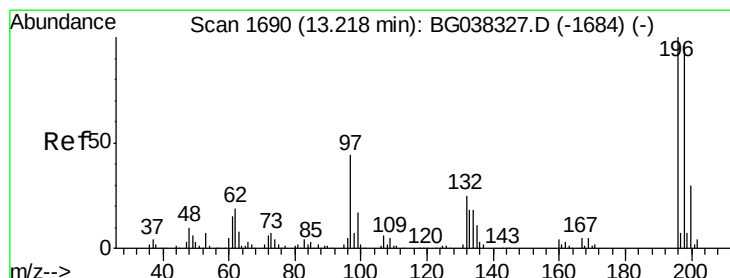
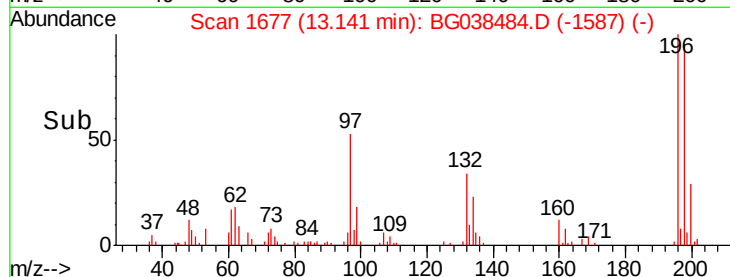
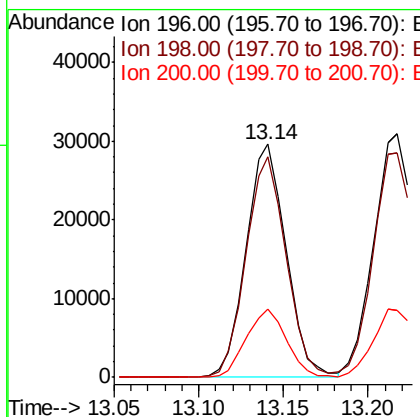
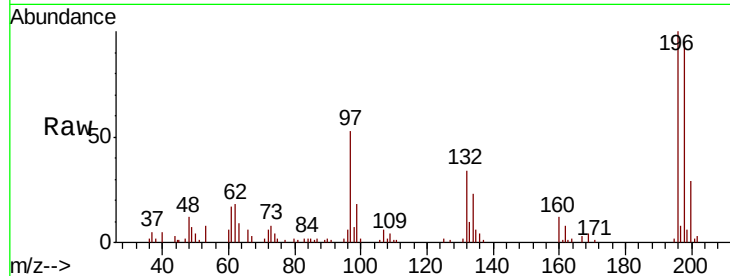




#43
 2,4,6-Trichlorophenol
 Concen: 31.318 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

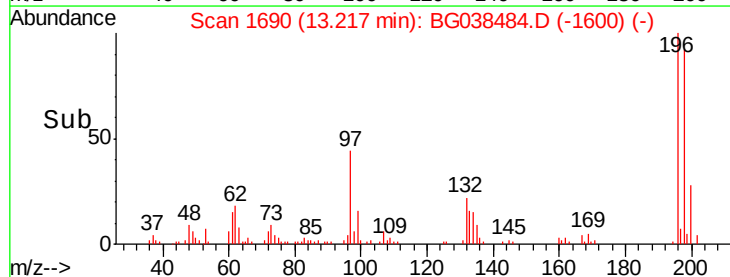
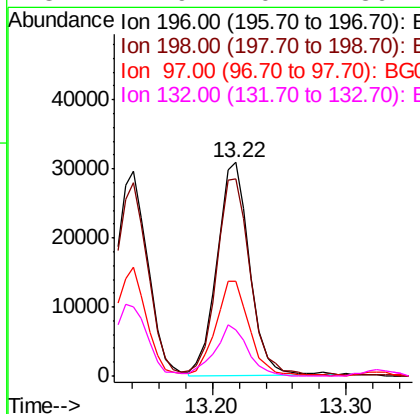
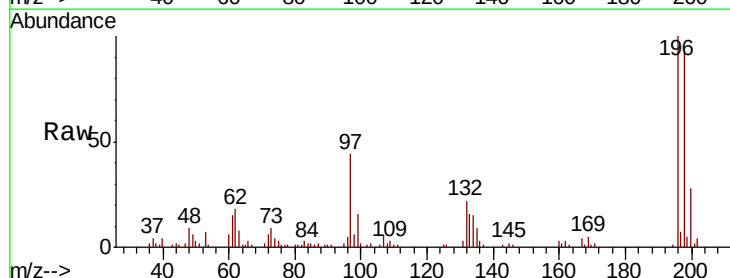
Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

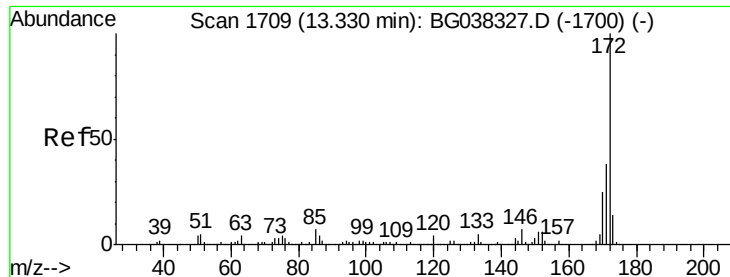
Tgt Ion:196 Resp: 48902
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.4 114.6
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 31.927 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:196 Resp: 52813
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.2
 97 44.4 34.1 51.1
 132 21.9 20.2 30.4

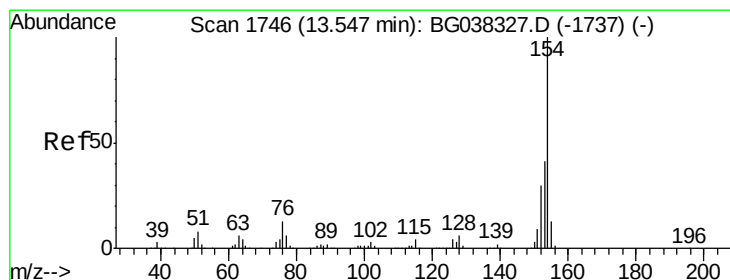
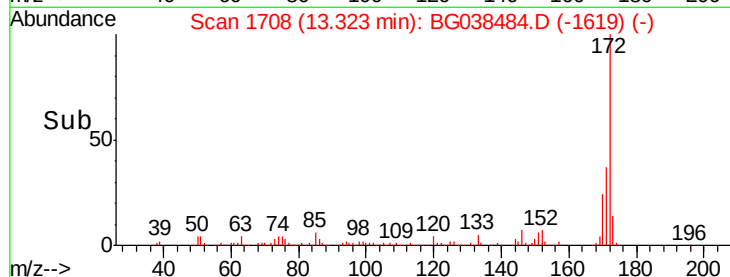
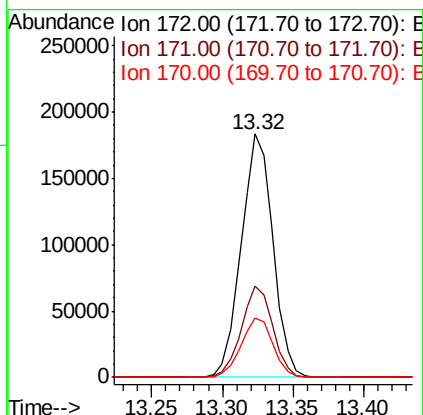
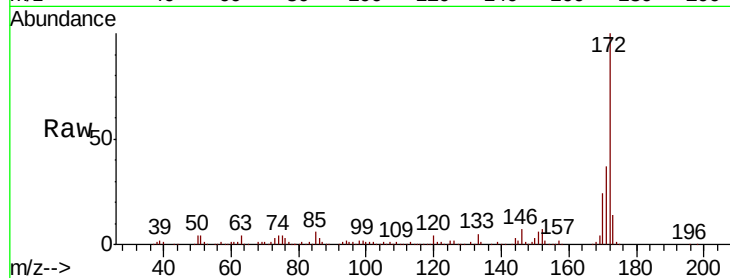




#45
2-Fluorobiphenyl
Concen: 58.604 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

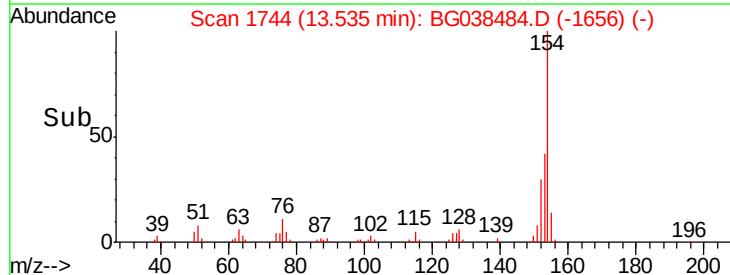
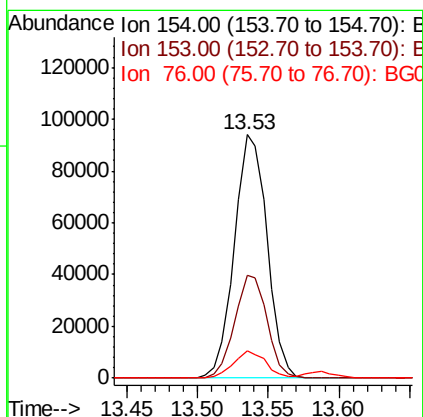
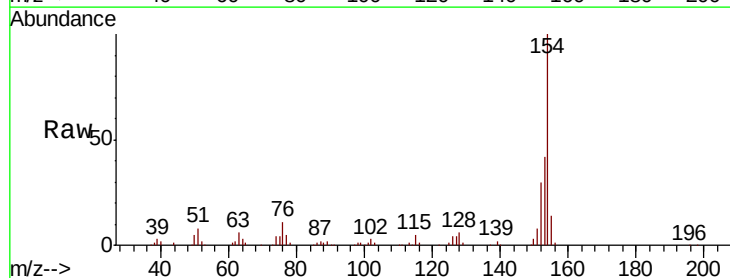
Instrument :
BNA_G
ClientSampleId :
PB115573BS

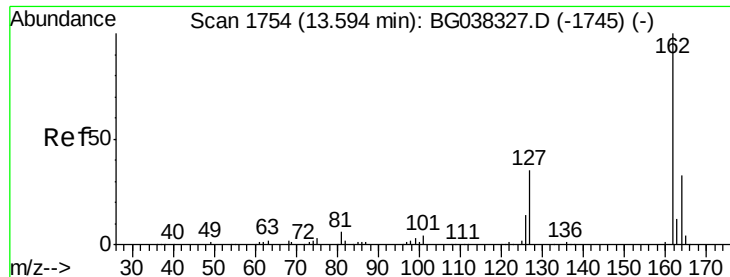
Tgt Ion:172 Resp: 288109
Ion Ratio Lower Upper
172 100
171 37.3 31.0 46.4
170 24.4 20.2 30.2



#46
1,1'-Biphenyl
Concen: 25.603 ng
RT: 13.53 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:154 Resp: 151606
Ion Ratio Lower Upper
154 100
153 42.1 22.1 62.1
76 11.1 0.0 33.2

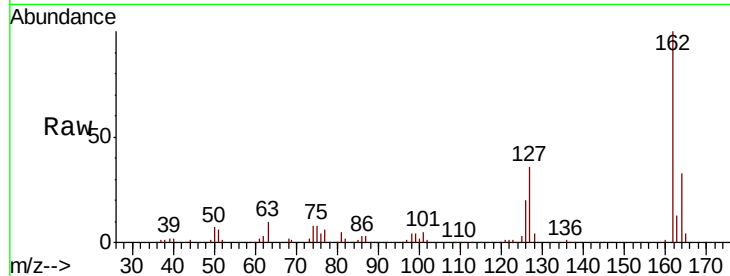




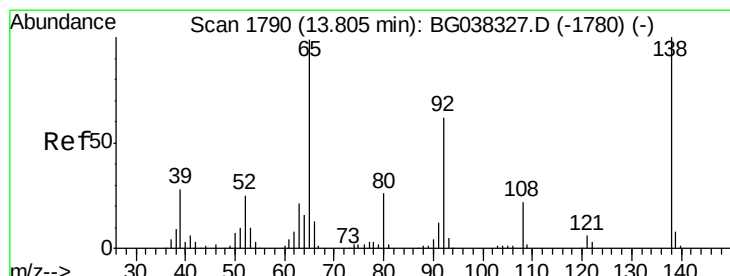
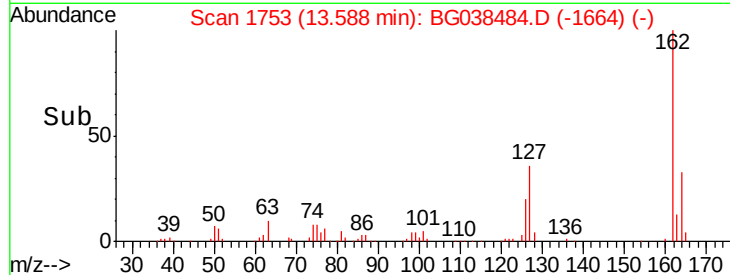
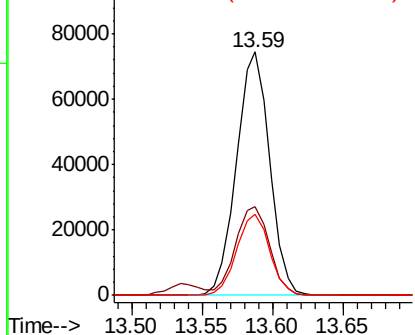
#47
 2-Chloronaphthalene
 Concen: 27.314 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.5	45.7
164	33.2	26.4	39.6

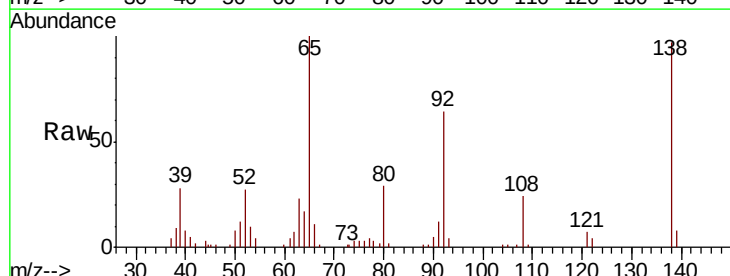


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

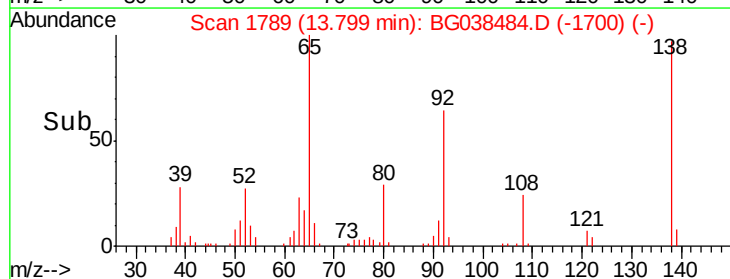
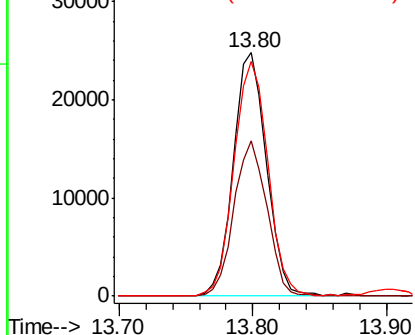


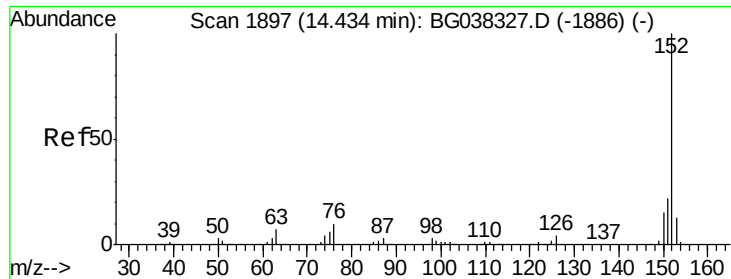
#48
 2-Nitroaniline
 Concen: 28.547 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	53.2	79.8
138	96.6	79.3	118.9



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: 30.593 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

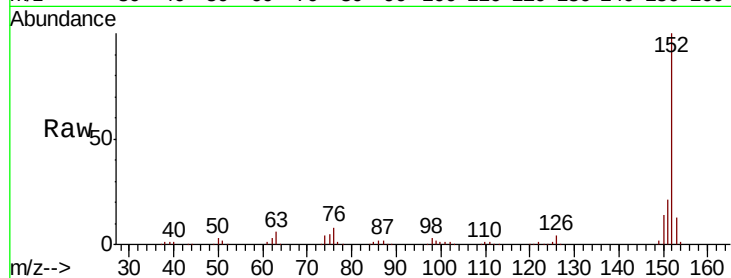
Tgt Ion:152 Resp: 205881

Ion Ratio Lower Upper

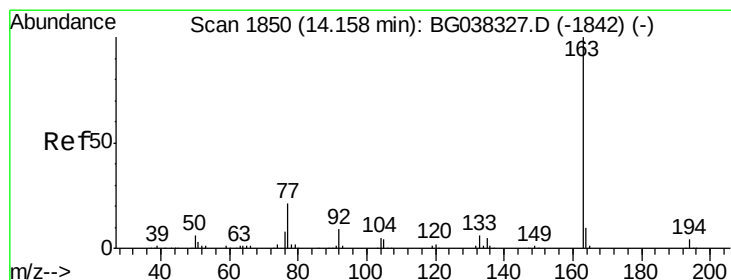
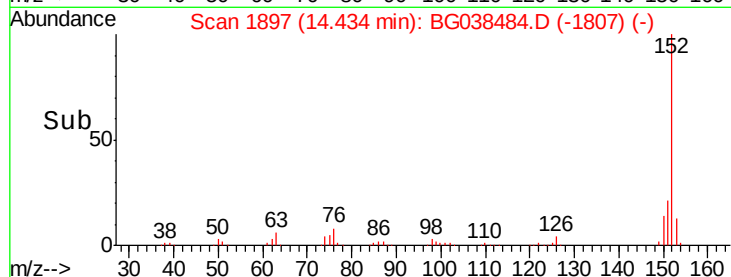
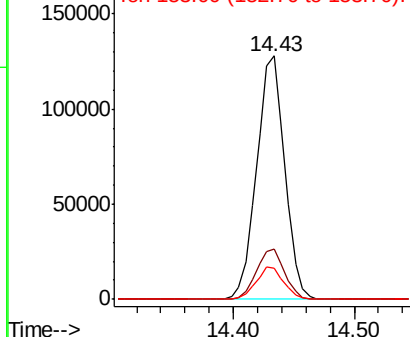
152 100

151 20.8 17.1 25.7

153 12.7 11.1 16.7



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: 28.575 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

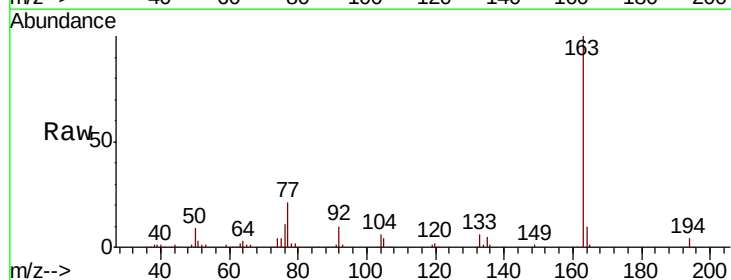
Tgt Ion:163 Resp: 160555

Ion Ratio Lower Upper

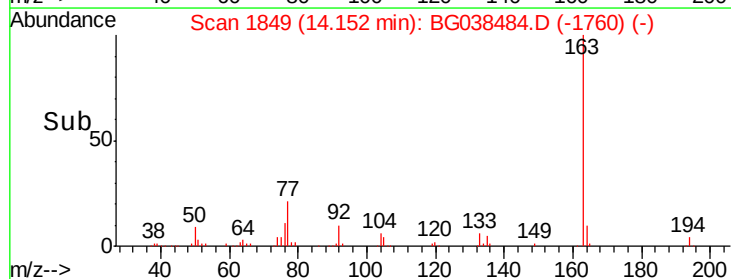
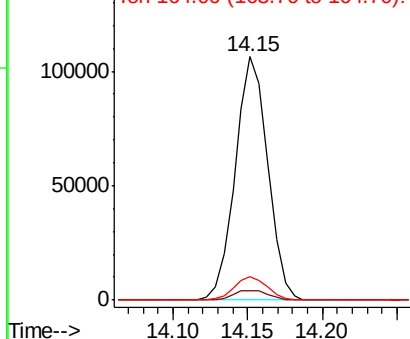
163 100

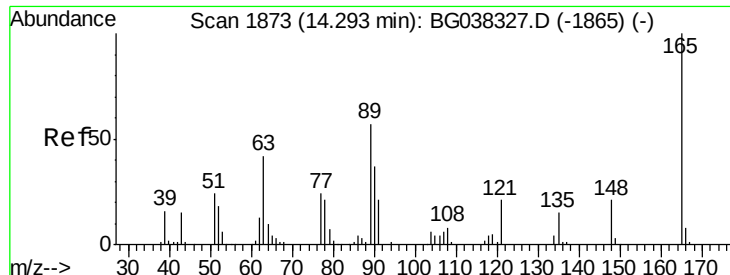
194 4.1 3.5 5.3

164 9.7 8.5 12.7



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

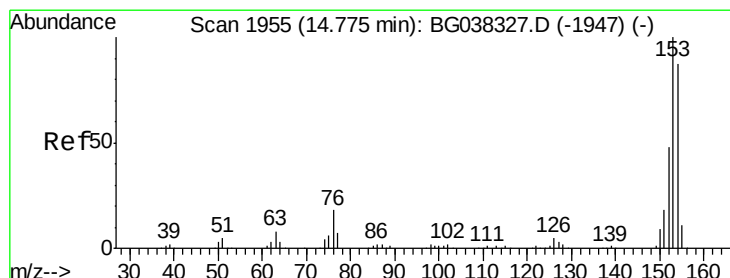
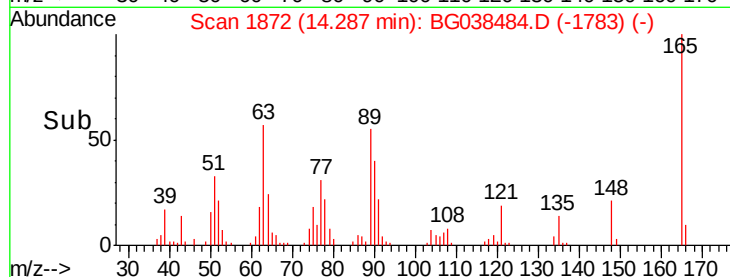
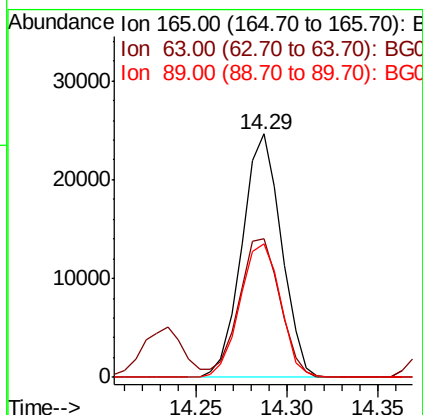
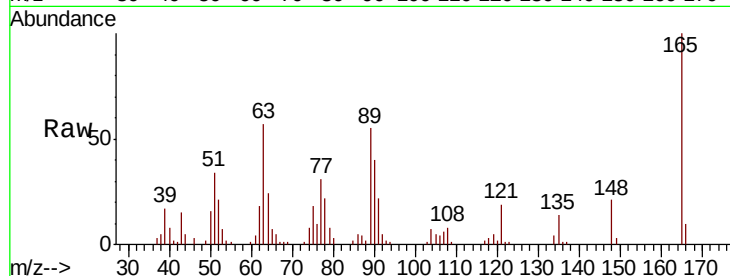




#51
 2,6-Dinitrotoluene
 Concen: 29.021 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

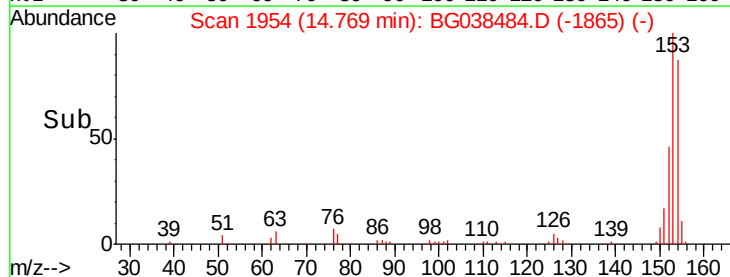
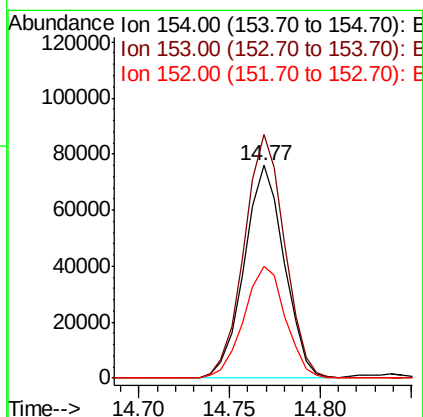
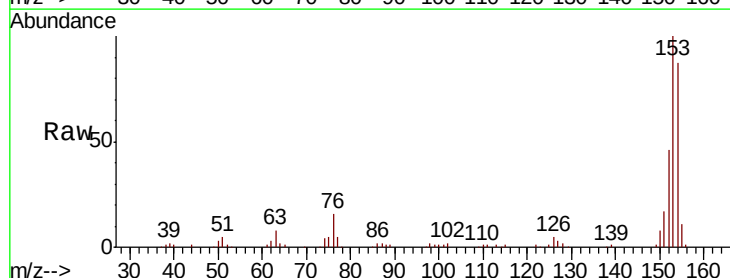
Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

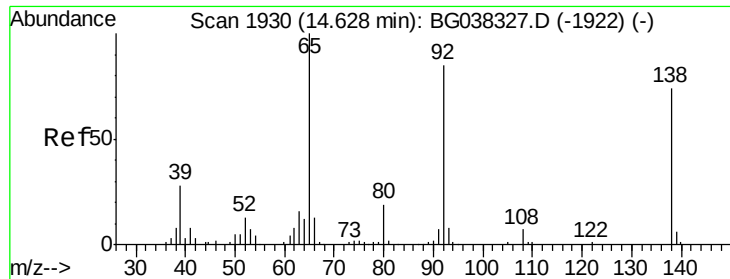
Tgt Ion:165 Resp: 37248
 Ion Ratio Lower Upper
 165 100
 63 57.2 43.4 65.2
 89 54.7 45.8 68.6



#52
 Acenaphthene
 Concen: 28.407 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:154 Resp: 116542
 Ion Ratio Lower Upper
 154 100
 153 114.5 93.4 140.0
 152 52.5 44.7 67.1





#53

3-Nitroaniline

Concen: 18.866 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

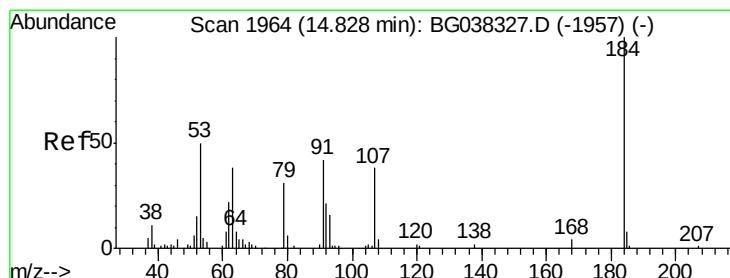
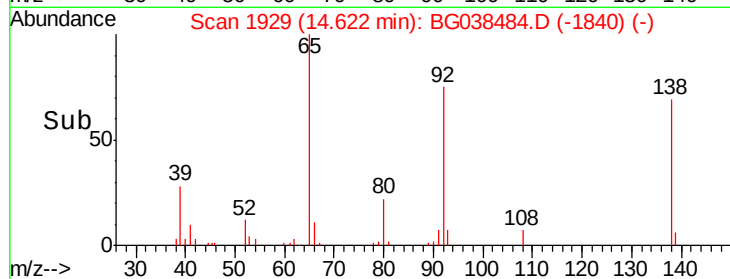
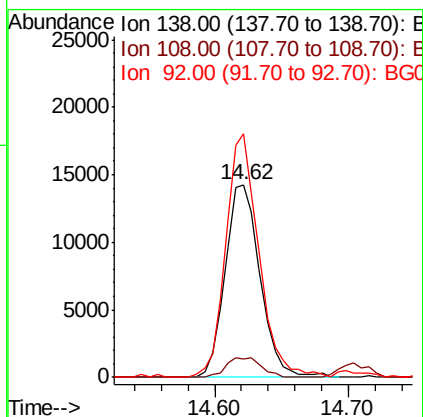
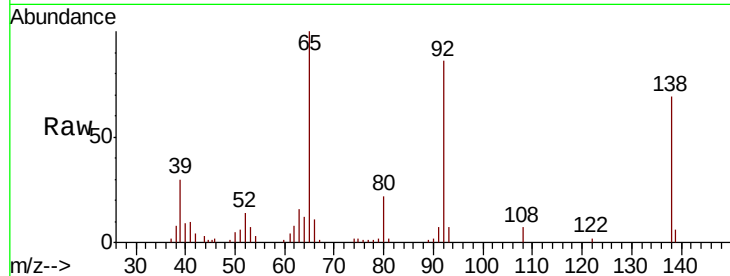
Tgt Ion:138 Resp: 26078

Ion Ratio Lower Upper

138 100

108 9.5 11.0 16.6#

92 126.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 6.045 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

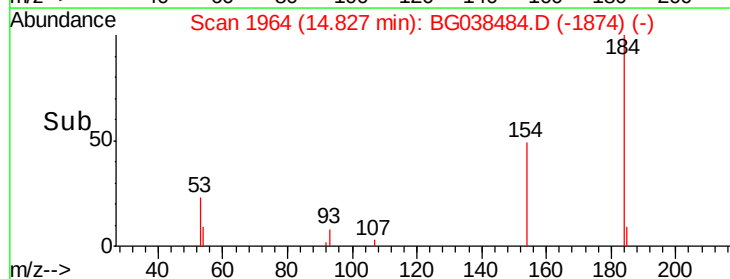
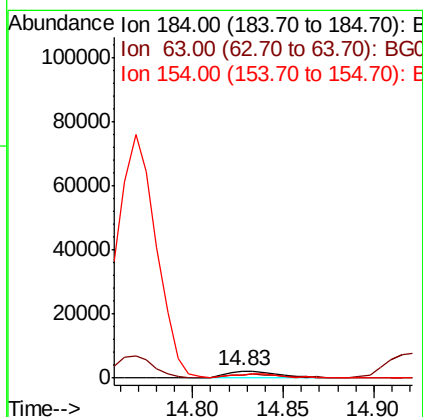
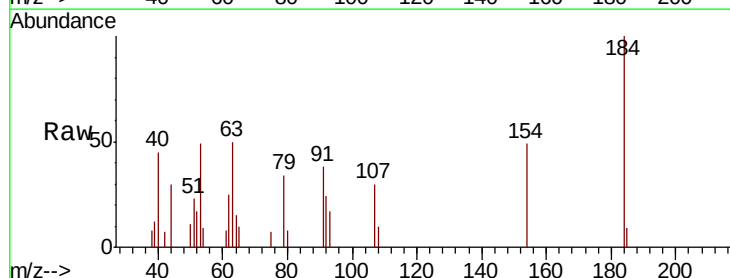
Tgt Ion:184 Resp: 4253

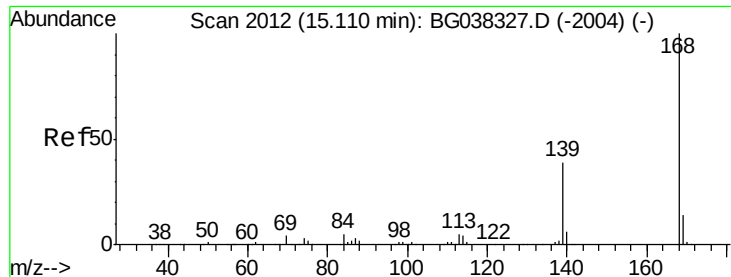
Ion Ratio Lower Upper

184 100

63 49.7 42.6 63.8

154 49.2 41.8 62.6

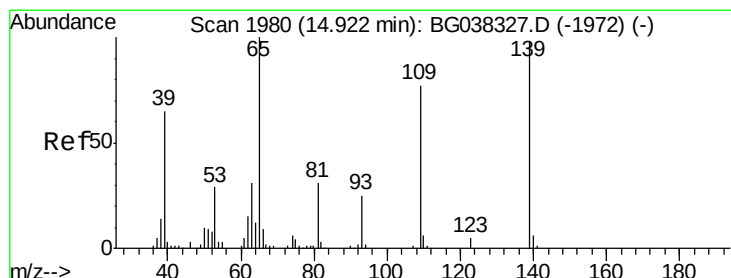
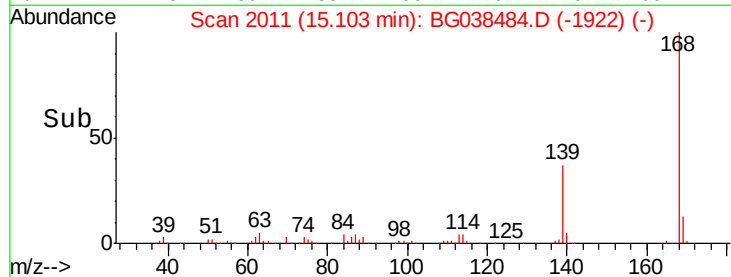
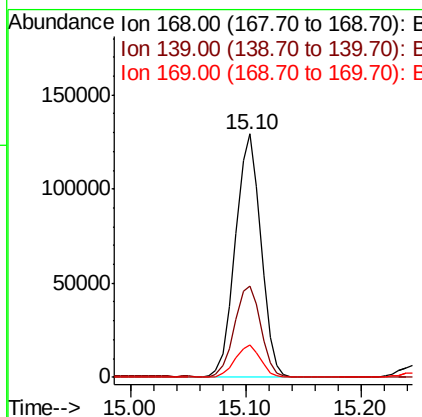
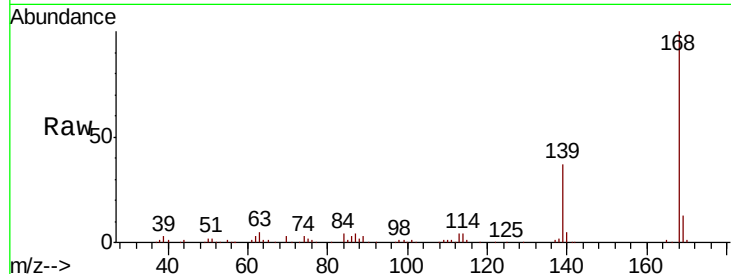




#55
Dibenzenofuran
Concen: 29.175 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

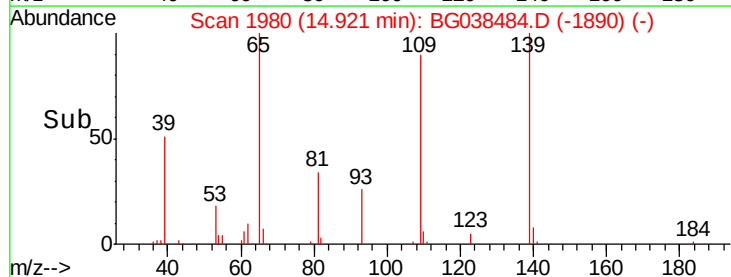
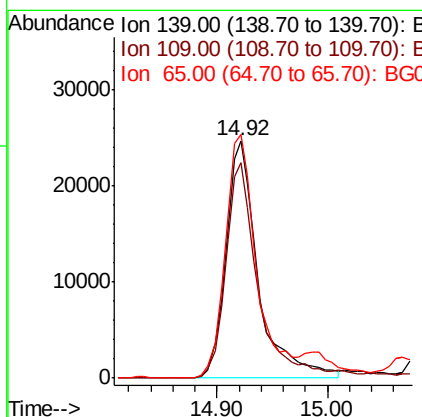
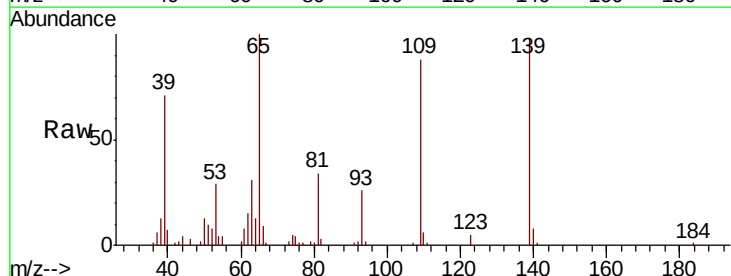
Instrument :
BNA_G
ClientSampleId :
PB115573BS

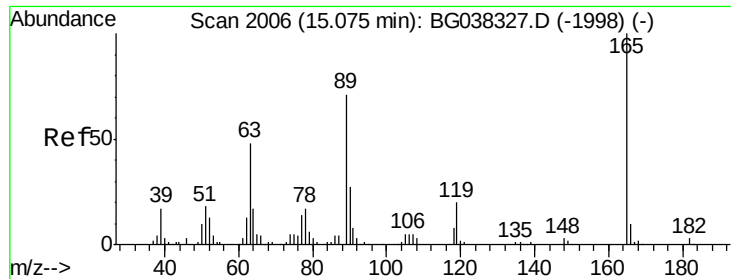
Tgt Ion:168 Resp: 197874
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 46.184 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:139 Resp: 50431
Ion Ratio Lower Upper
139 100
109 90.6 49.5 89.5#
65 102.5 76.8 116.8

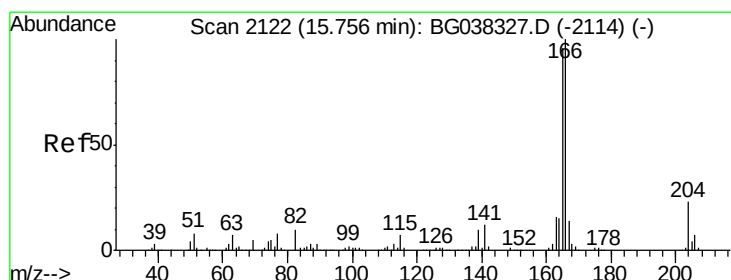
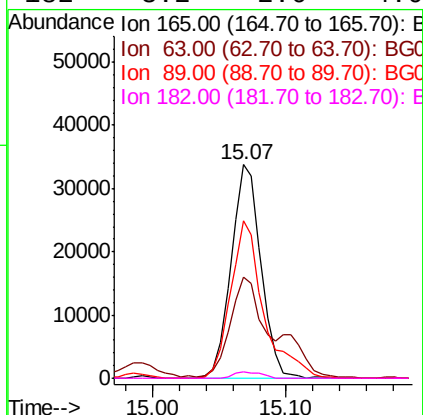
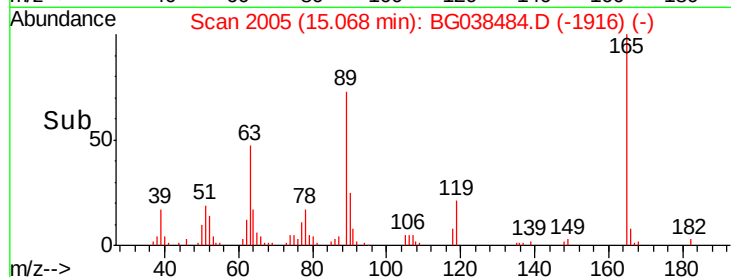
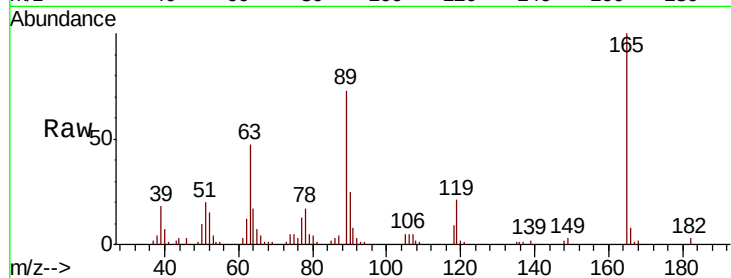




#57
2,4-Dinitrotoluene
Concen: 29.635 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

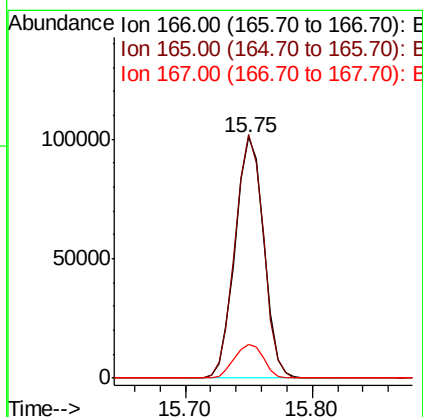
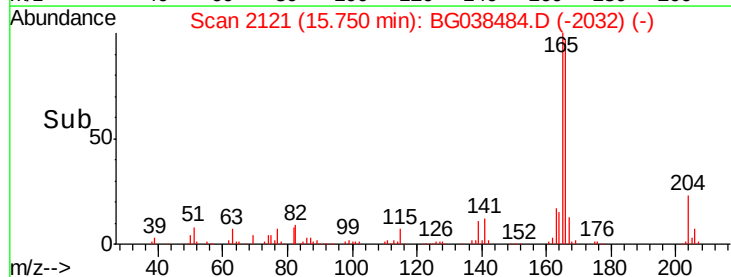
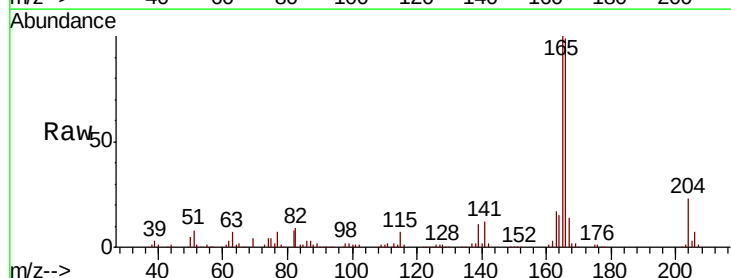
Instrument :
BNA_G
ClientSampleId :
PB115573BS

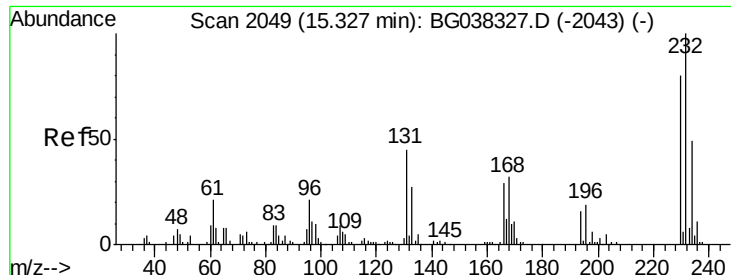
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.2	33.4	50.0
89	73.4	57.2	85.8
182	3.2	2.6	4.0



#58
Fluorene
Concen: 31.406 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.0	118.6
167	13.8	11.3	16.9

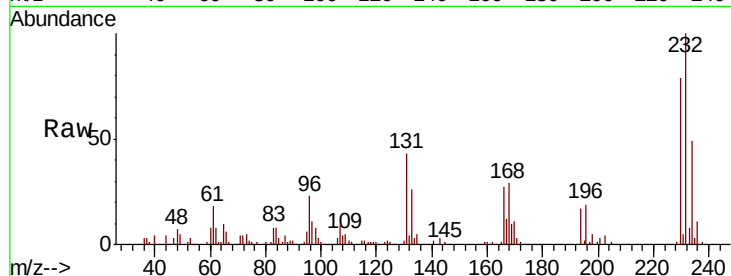




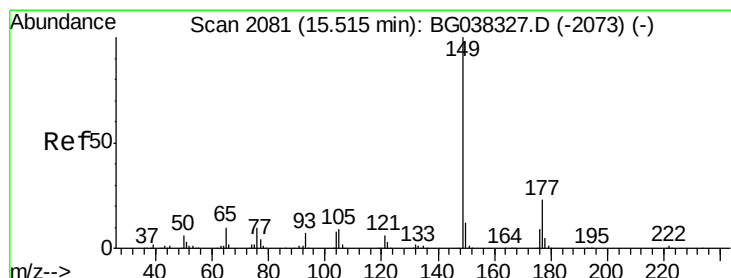
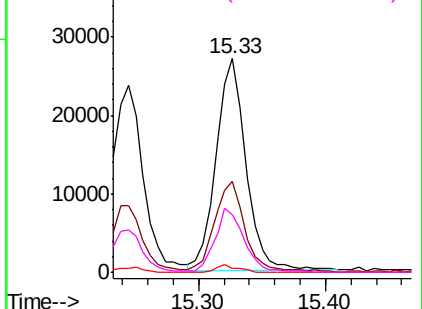
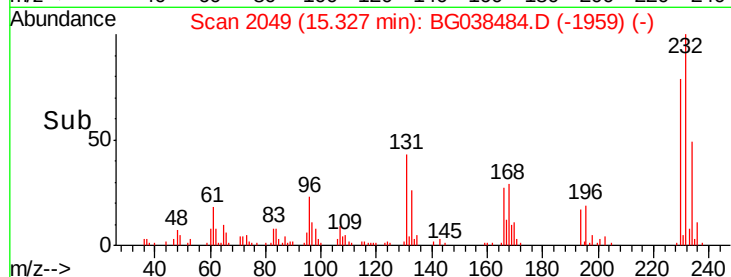
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.009 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Instrument :
BNA_G
ClientSampleId :
PB115573BS

Tgt Ion:232 Resp: 44551
Ion Ratio Lower Upper
232 100
131 44.7 33.7 50.5
130 2.3 2.1 3.1
166 27.5 24.6 36.8

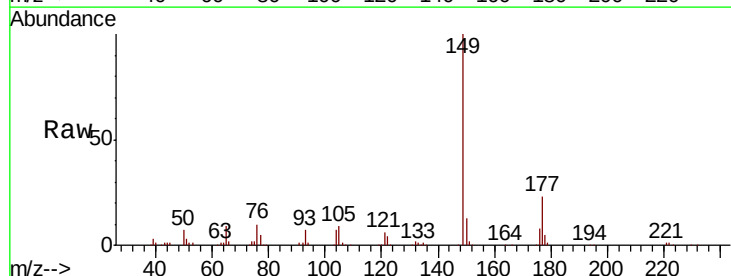


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

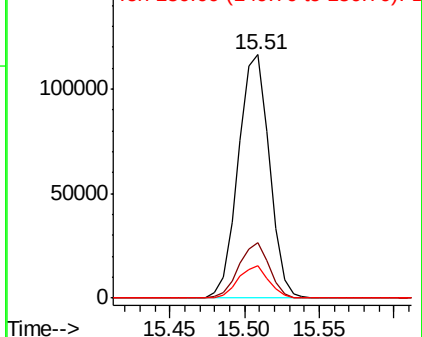
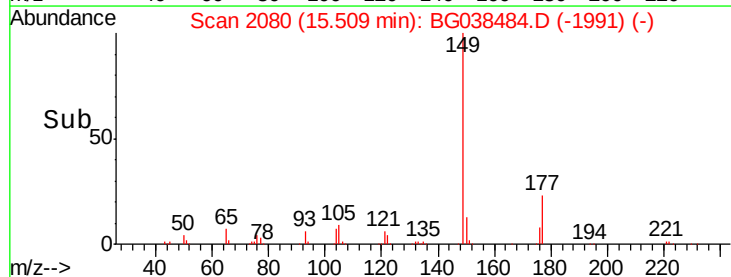


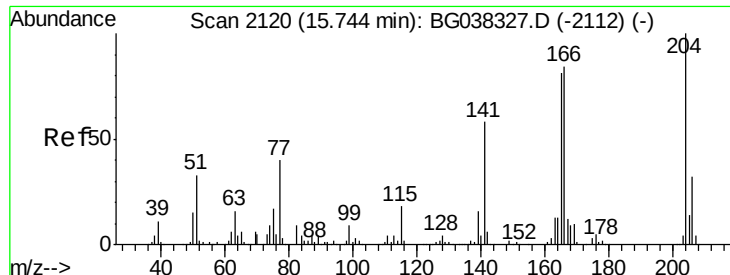
#60
Diethylphthalate
Concen: 27.008 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:149 Resp: 168123
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 13.2 10.0 15.0



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

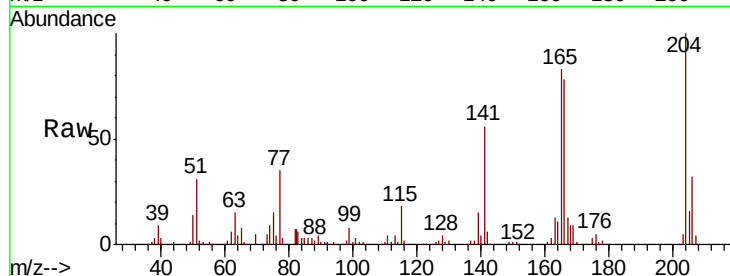




#61
 4-Chlorophenyl-phenylether
 Concen: 28.727 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion:	204	Resp:	86219
Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.6	39.8
141	55.5	45.4	68.2

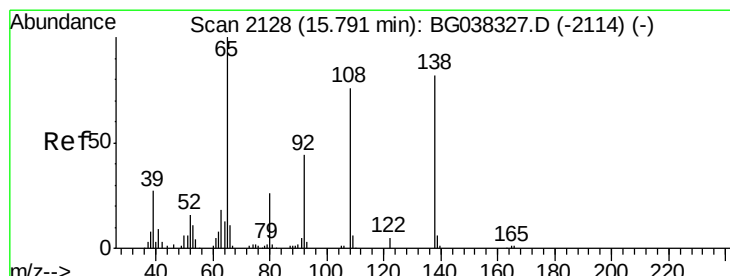
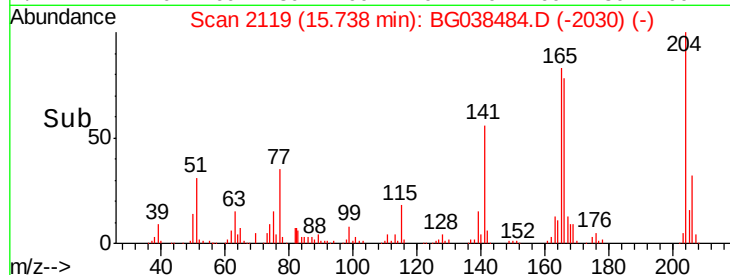
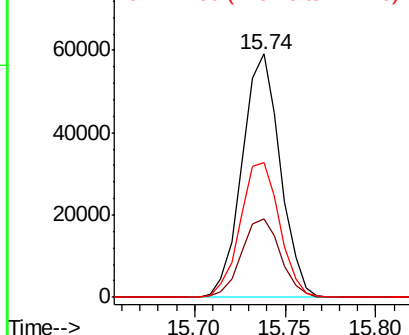


Abundance

Ion 204.00 (203.70 to 204.70): E

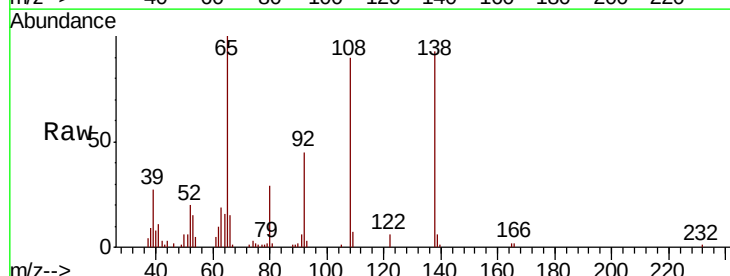
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 29.717 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:	138	Resp:	40403
Ion	Ratio	Lower	Upper
138	100		
92	48.7	36.4	76.4
108	97.0	60.1	100.1

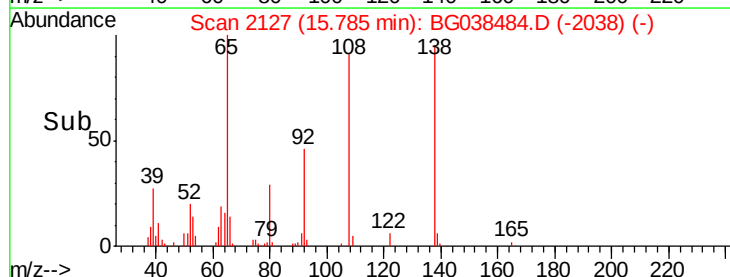
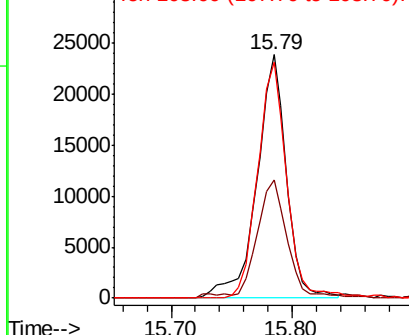


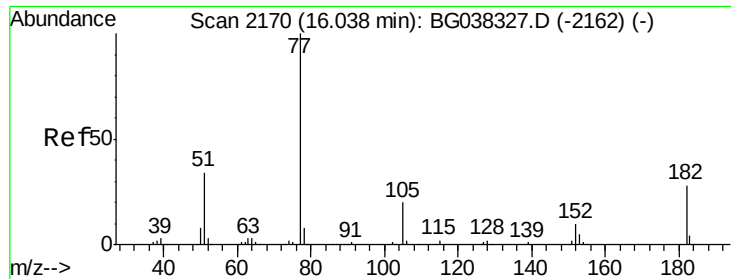
Abundance

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: 27.705 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tgt Ion: 77 Resp: 150933

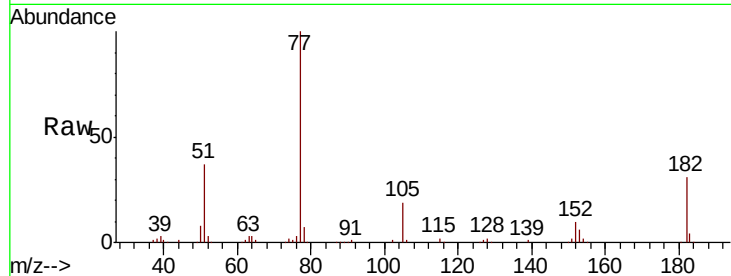
Ion Ratio Lower Upper

77 100

182 30.5 8.0 48.0

105 18.7 1.3 41.3

51 37.3 10.7 50.7

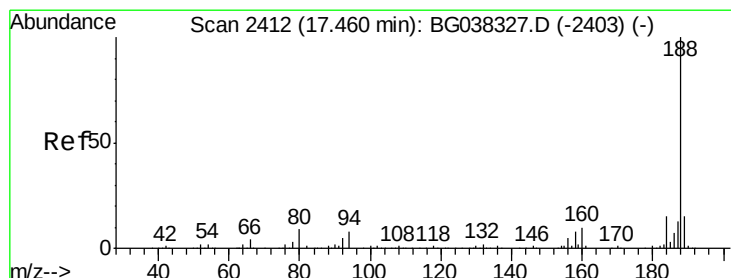
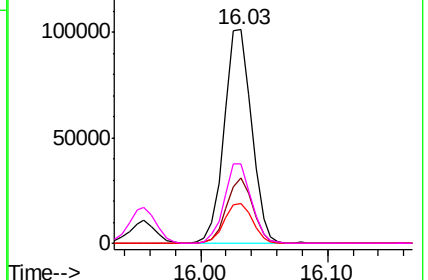
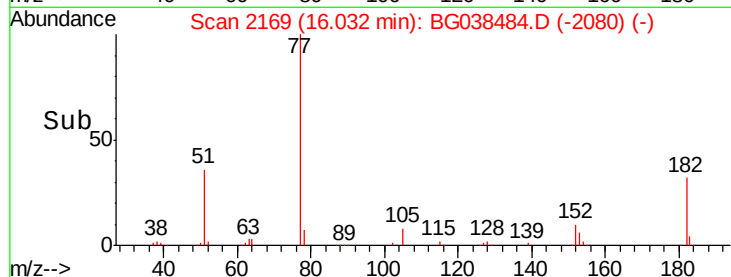


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2411

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

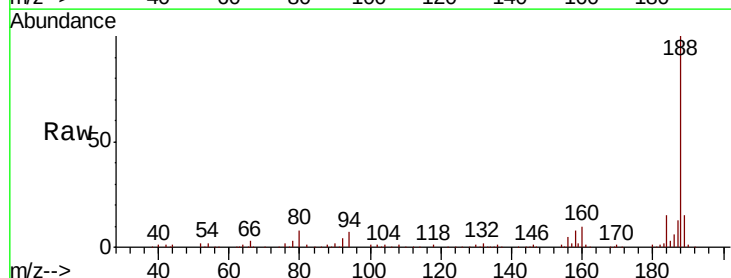
Tgt Ion: 188 Resp: 176420

Ion Ratio Lower Upper

188 100

94 7.1 7.2 10.8#

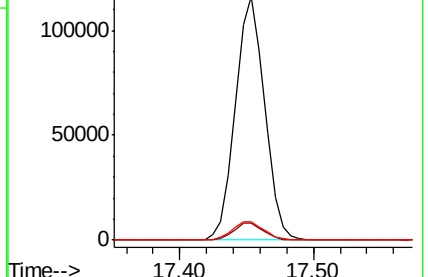
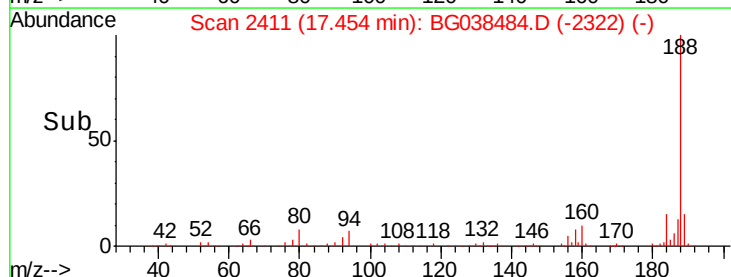
80 7.5 7.7 11.5#

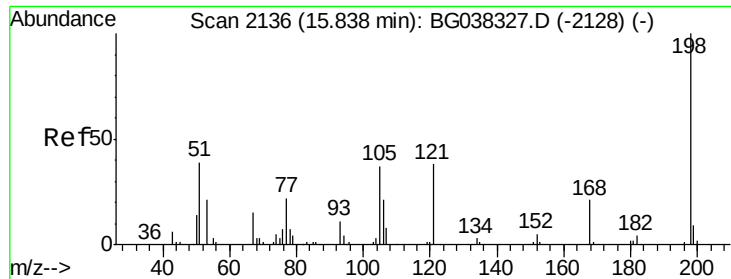


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

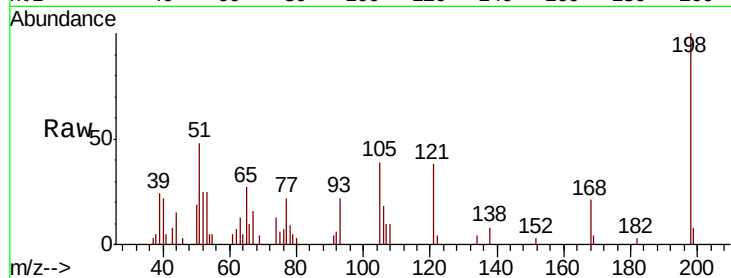




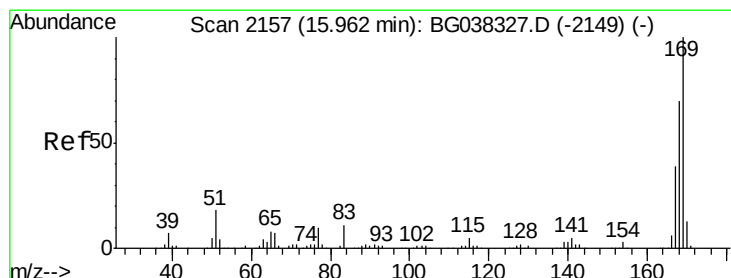
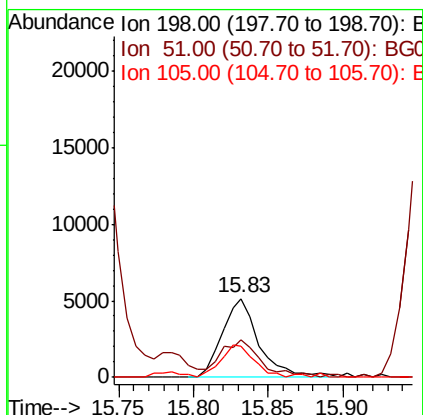
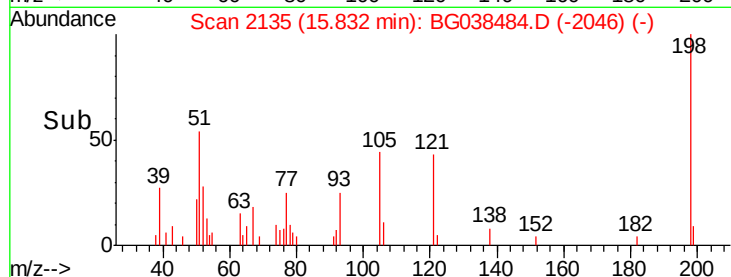
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.660 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

Tgt Ion:198 Resp: 8854
 Ion Ratio Lower Upper
 198 100
 51 48.4 22.7 62.7
 105 39.5 19.7 59.7

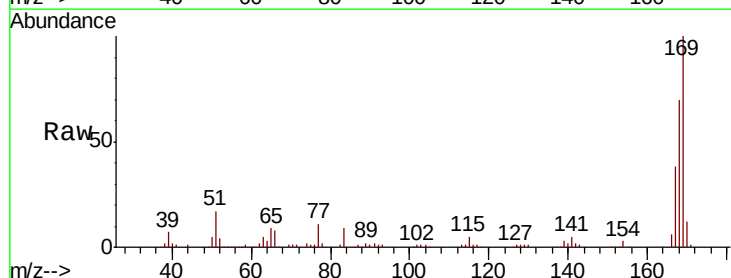


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

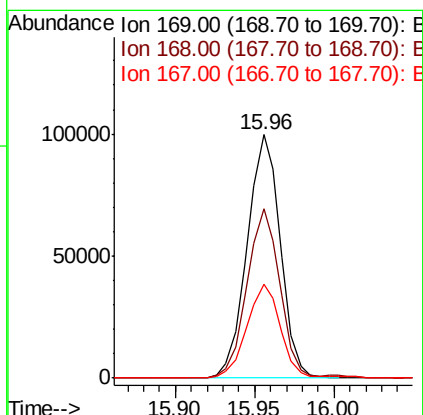
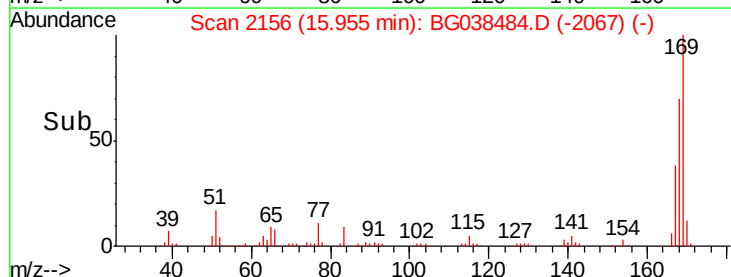


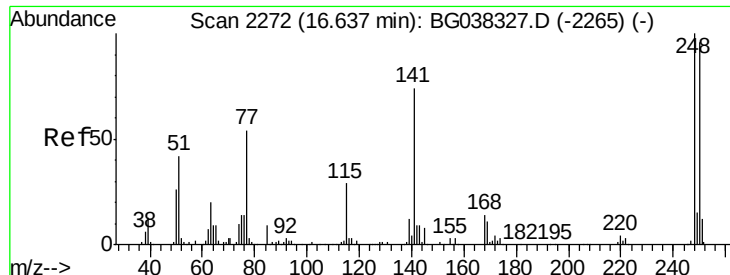
#66
 n-Nitrosodiphenylamine
 Concen: 29.209 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion:169 Resp: 144906
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.7 83.5
 167 38.3 31.3 46.9



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: 29.637 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

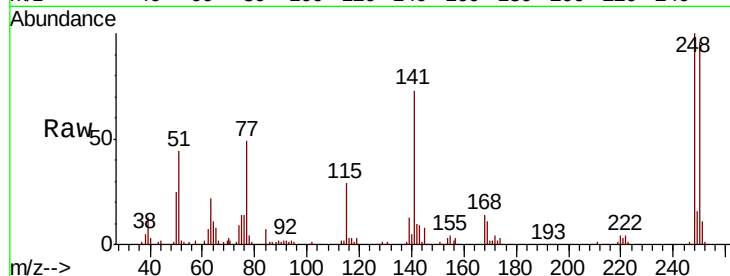
Tgt Ion:248 Resp: 56463

Ion Ratio Lower Upper

248 100

250 96.4 77.0 115.6

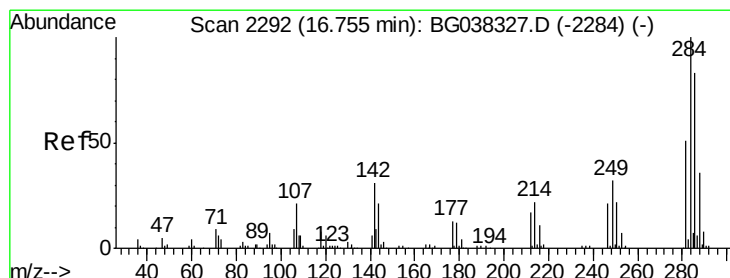
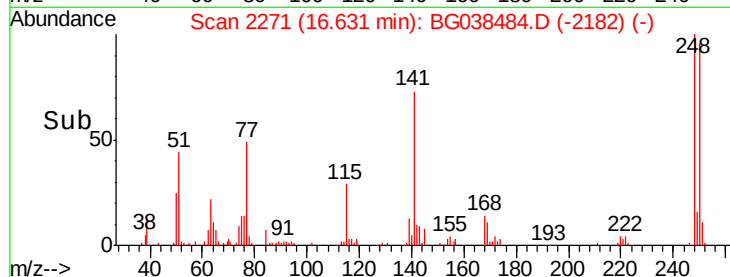
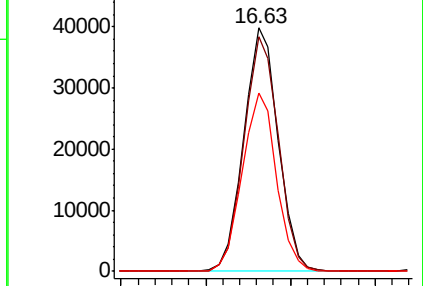
141 73.3 55.5 83.3



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: 30.315 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

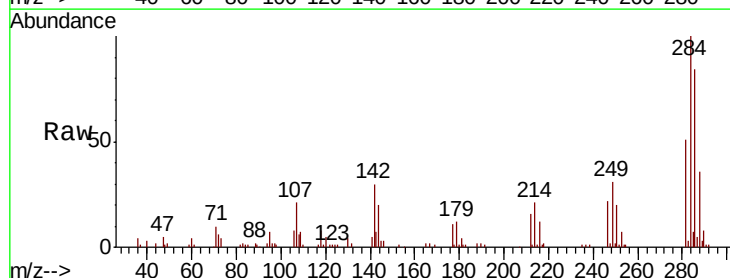
Tgt Ion:284 Resp: 59571

Ion Ratio Lower Upper

284 100

142 30.4 28.1 42.1

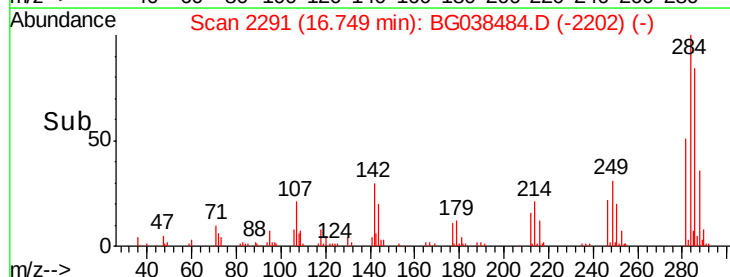
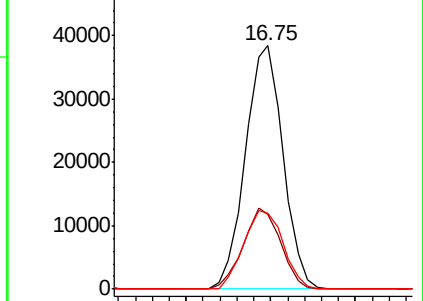
249 33.3 29.8 44.8

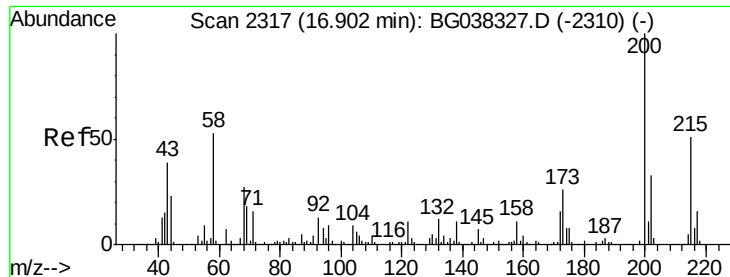


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 31.761 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

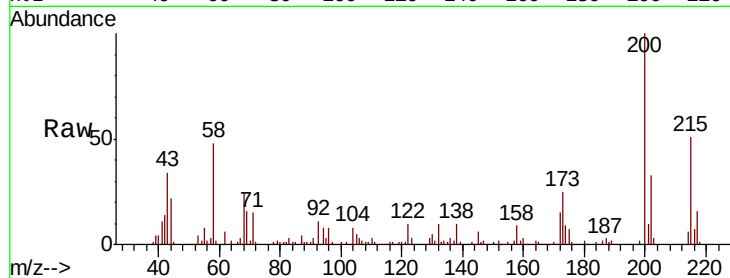
Tgt Ion:200 Resp: 58795

Ion Ratio Lower Upper

200 100

173 24.5 6.1 46.1

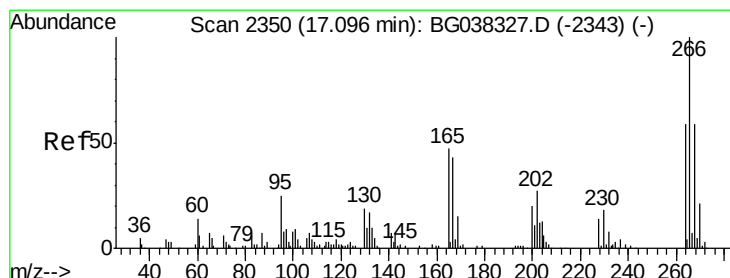
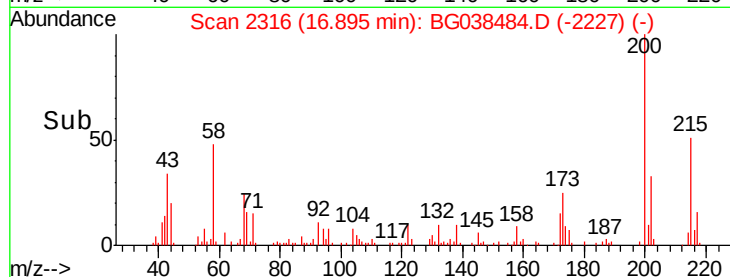
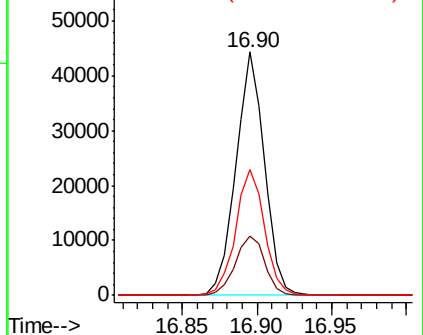
215 51.5 30.8 70.8



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: 21.801 ng

RT: 17.10 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

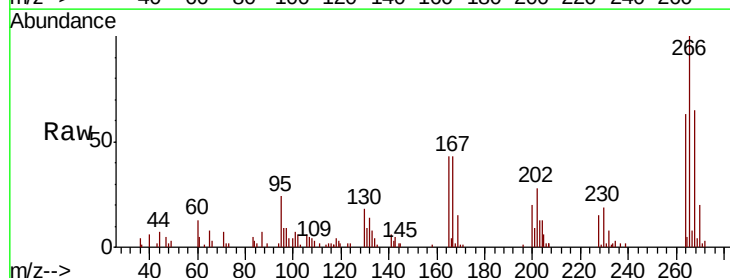
Tgt Ion:266 Resp: 29343

Ion Ratio Lower Upper

266 100

268 69.1 55.0 82.6

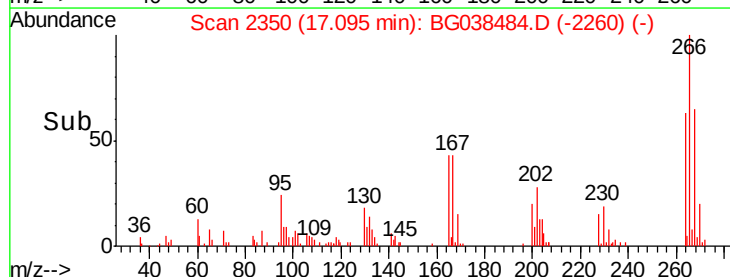
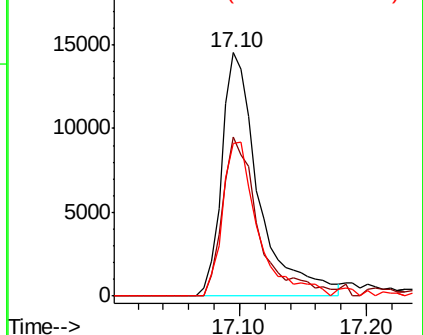
264 67.2 58.9 88.3

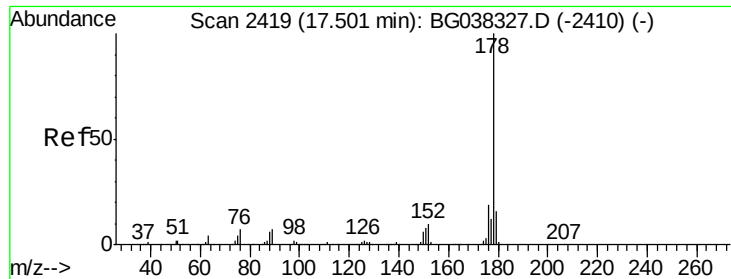


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

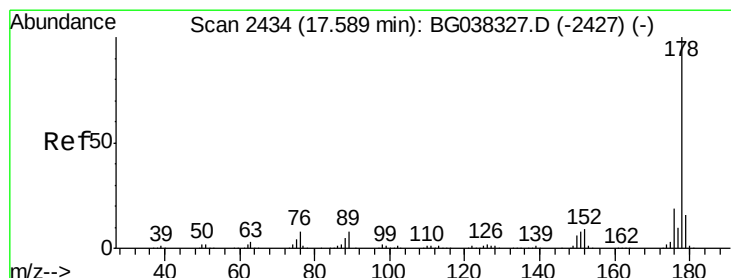
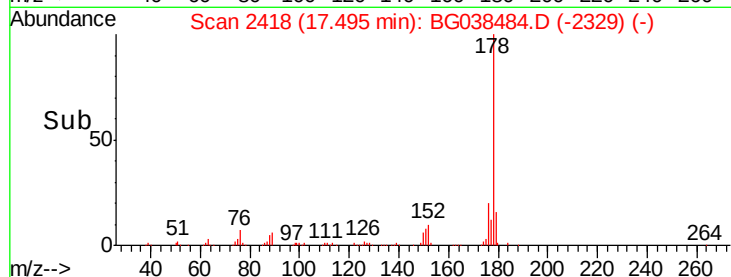
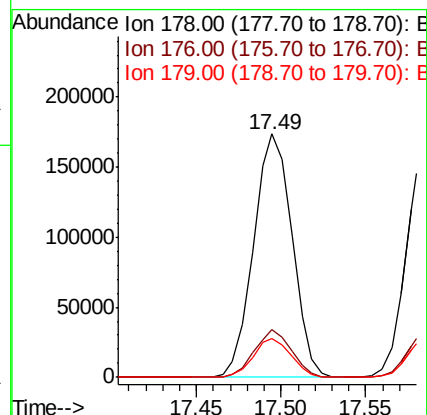
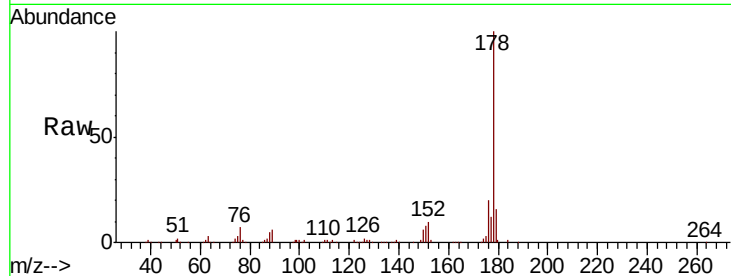




#71
Phenanthrene
Concen: 31.241 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

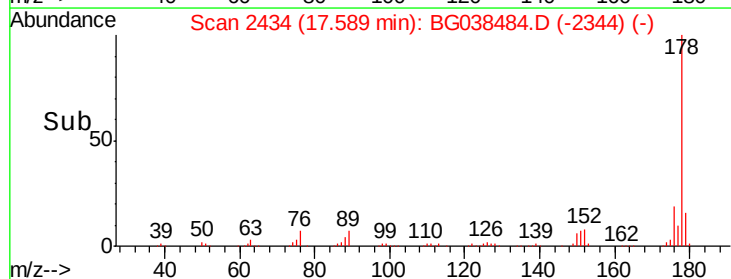
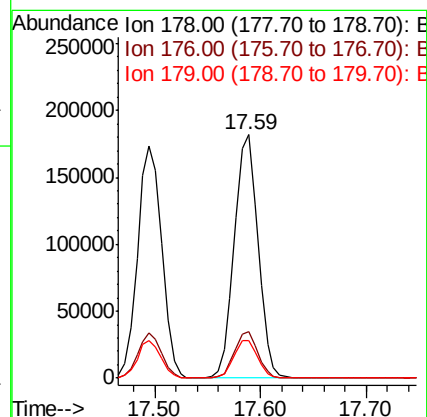
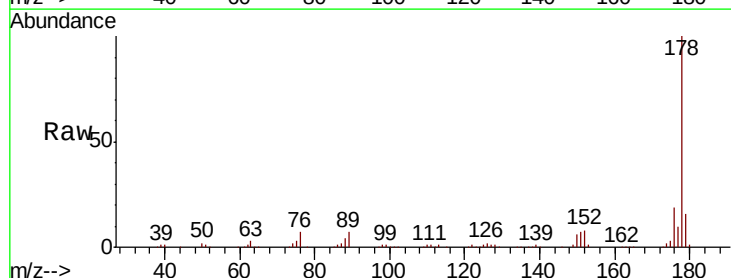
Instrument :
BNA_G
ClientSampleId :
PB115573BS

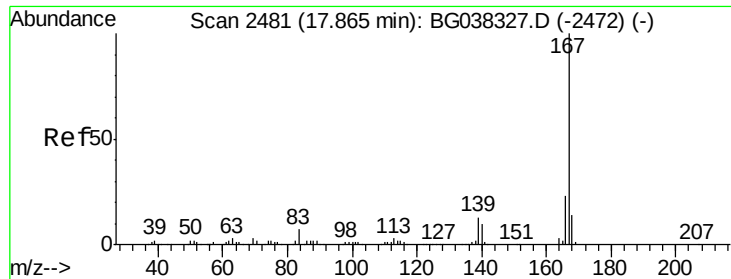
Tgt Ion:178 Resp: 276015
Ion Ratio Lower Upper
178 100
176 19.7 16.1 24.1
179 16.1 13.0 19.4



#72
Anthracene
Concen: 32.929 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:178 Resp: 281732
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.8 19.2

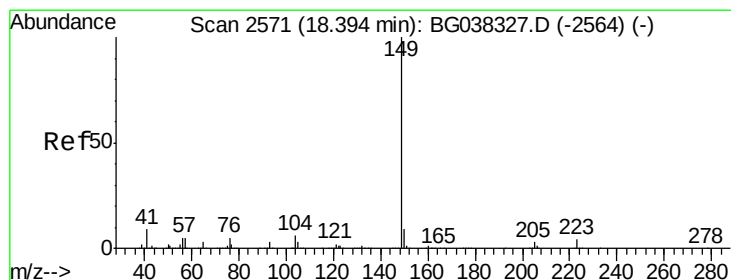
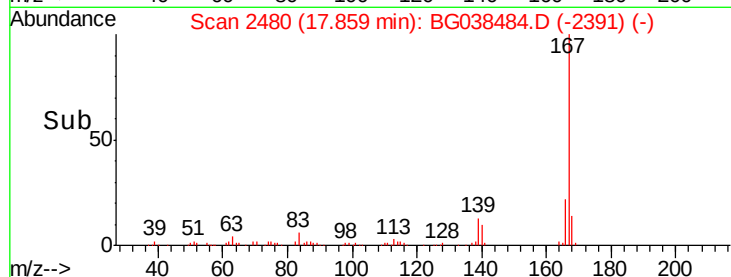
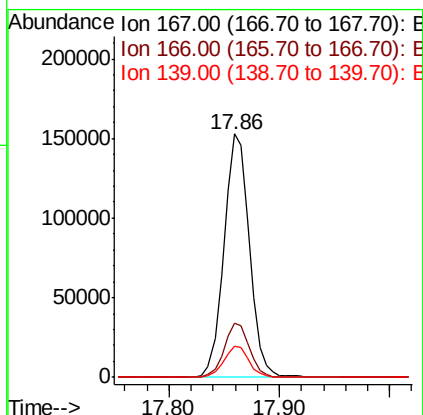
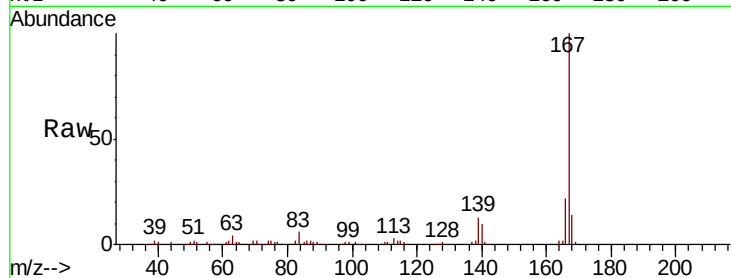




#73
 Carbazole
 Concen: 29.028 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

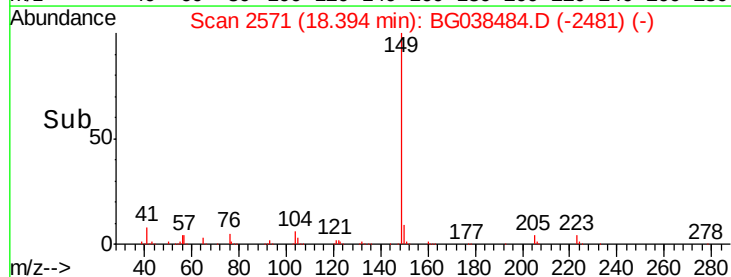
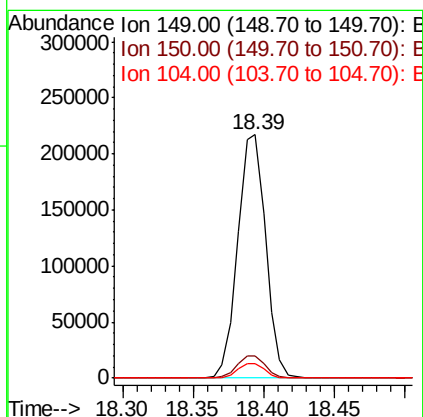
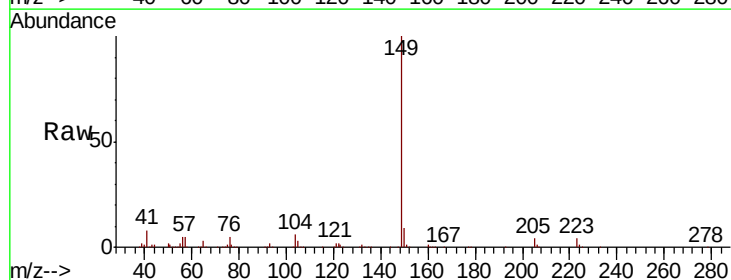
Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

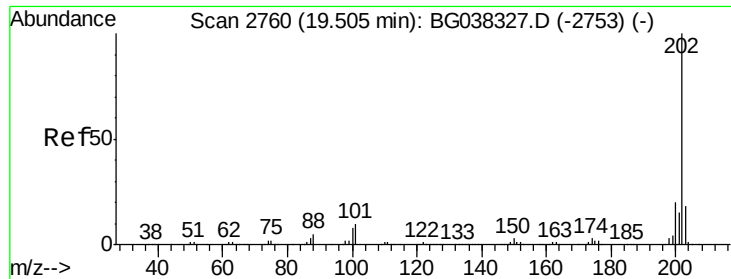
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.3	27.5
139	12.8	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 30.196 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.9	4.0	6.0

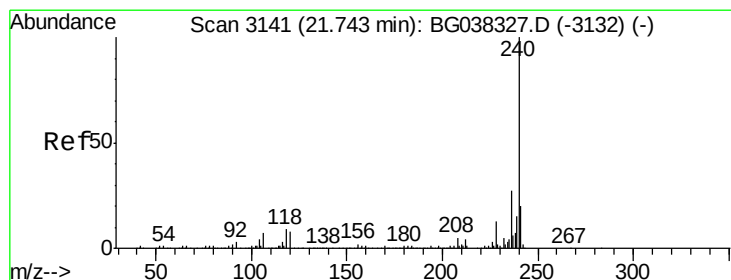
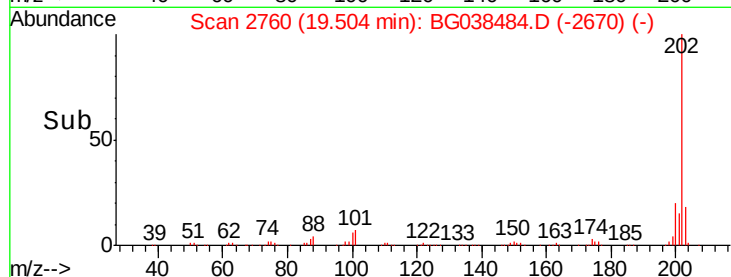
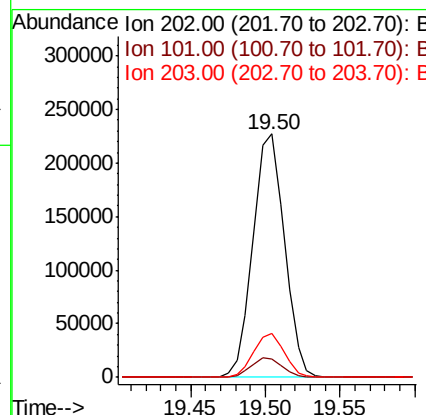
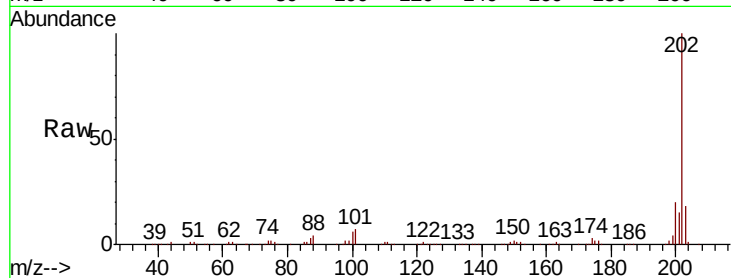




#75
 Fluoranthene
 Concen: 32.133 ng
 RT: 19.50 min Scan# 2760
 Delta R.T. -0.00 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

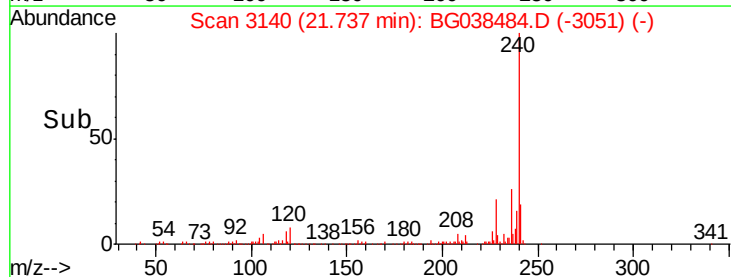
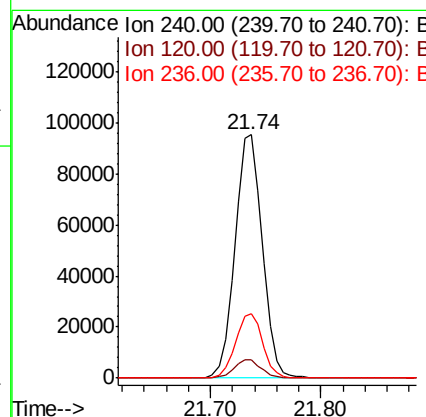
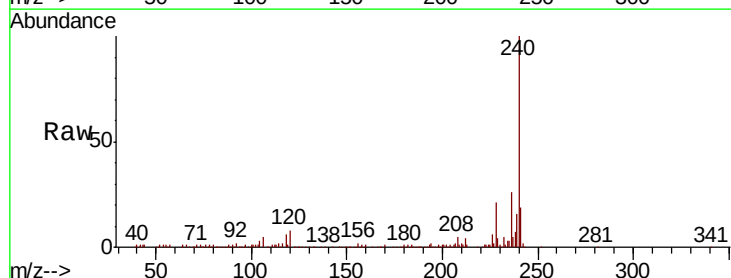
Instrument :
 BNA_G
 ClientSampleId :
 PB115573BS

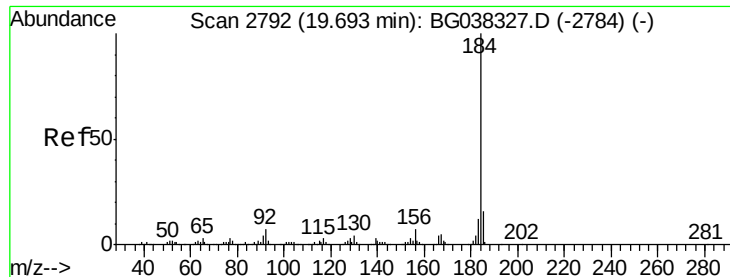
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	30.7
203	18.3	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038484.D
 Acq: 12 Dec 2018 00:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.5	8.1	12.1#
236	26.4	21.4	32.0





#77

Benzidine

Concen: 25.881 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

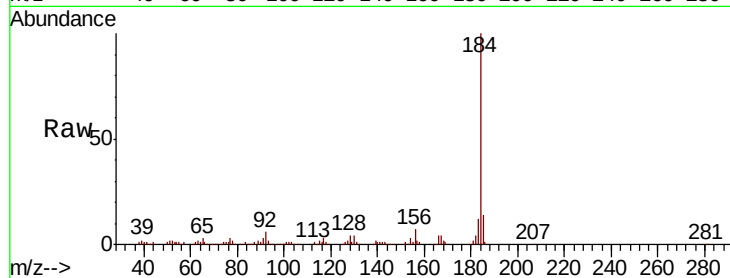
Tgt Ion:184 Resp: 144380

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

183 11.8 10.2 15.2



Abundance

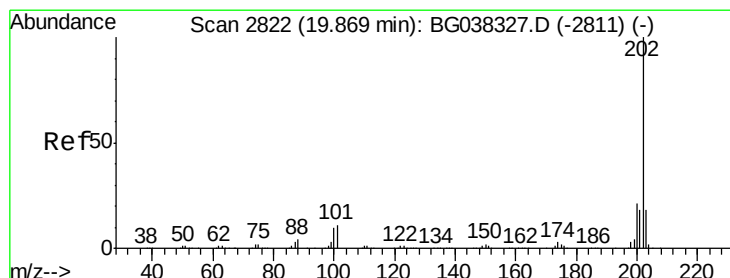
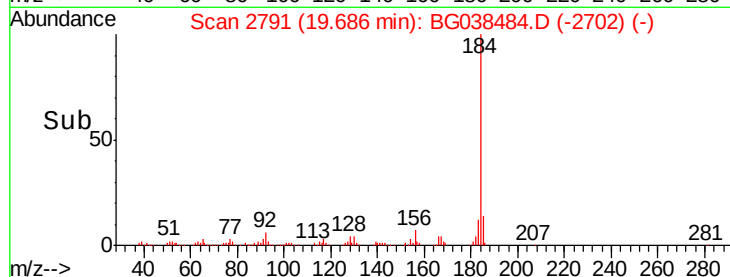
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.69

Time-->



#78

Pyrene

Concen: 28.648 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

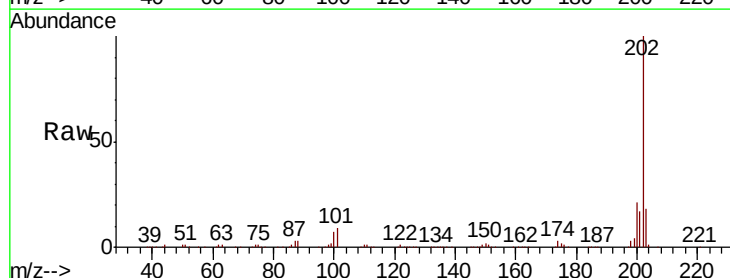
Tgt Ion:202 Resp: 331363

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

203 18.1 15.2 22.8



Abundance

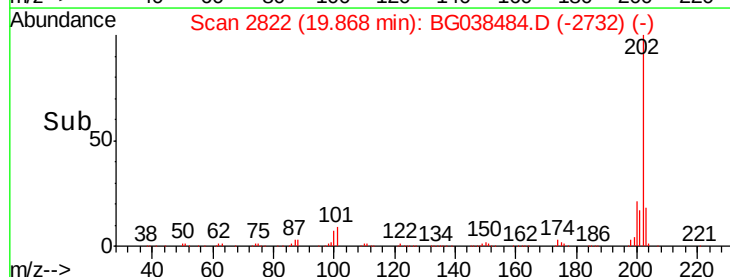
Ion 202.00 (201.70 to 202.70): E

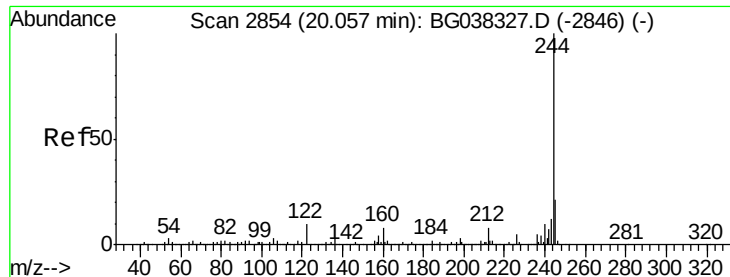
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.87

Time-->





#79

Terphenyl-d14

Concen: 65.120 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

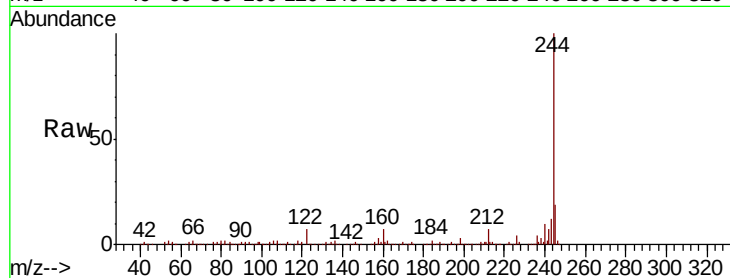
Tgt Ion:244 Resp: 502529

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.8 9.0 13.4#

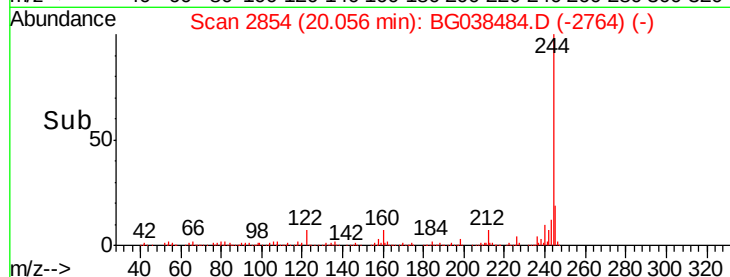


Abundance Ion 244.00 (243.70 to 244.70): E

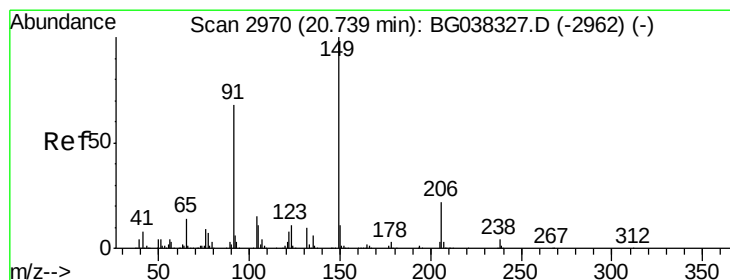
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.06



Time-->



#80

Butylbenzylphthalate

Concen: 27.770 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

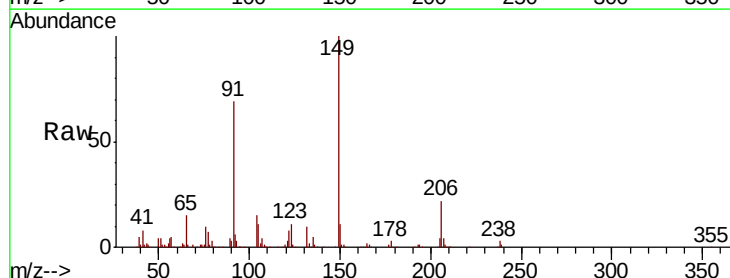
Tgt Ion:149 Resp: 129194

Ion Ratio Lower Upper

149 100

91 68.5 57.0 85.4

206 22.2 17.8 26.6

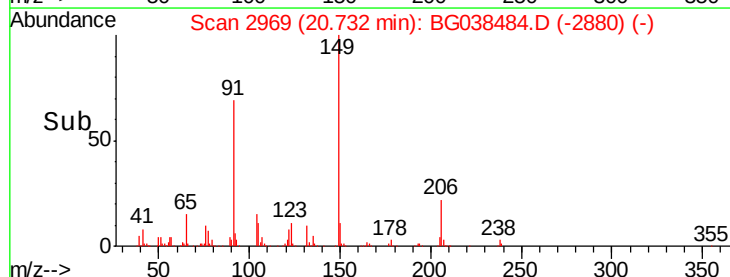


Abundance Ion 149.00 (148.70 to 149.70): E

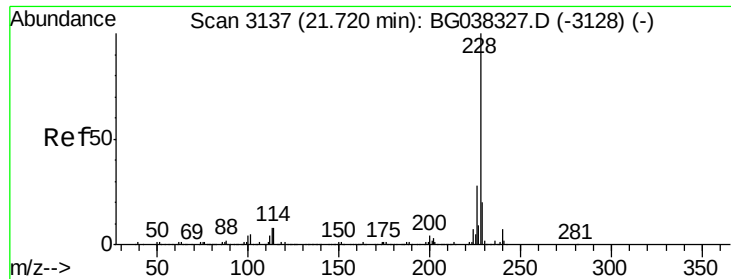
Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

20.73



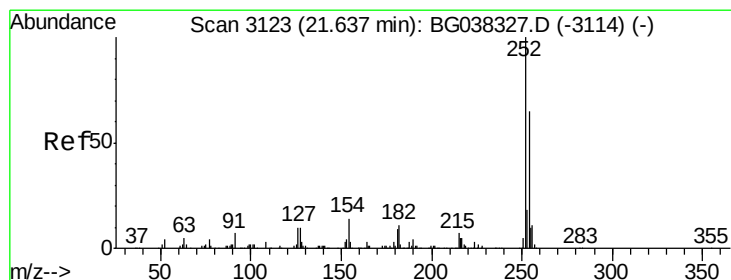
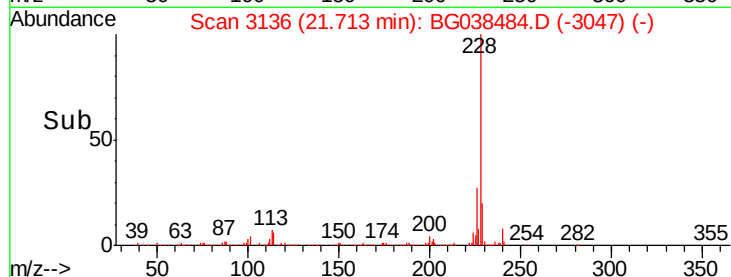
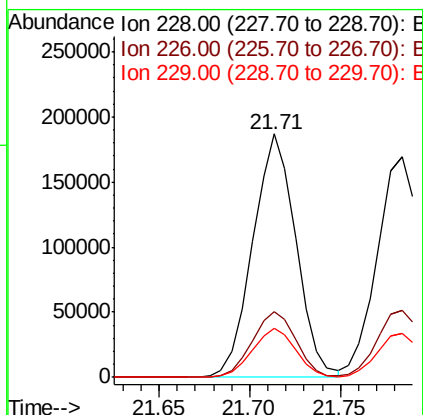
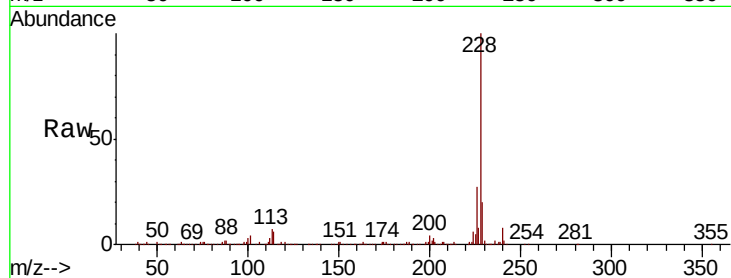
Time-->



#81
Benzo(a)anthracene
Concen: 30.384 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

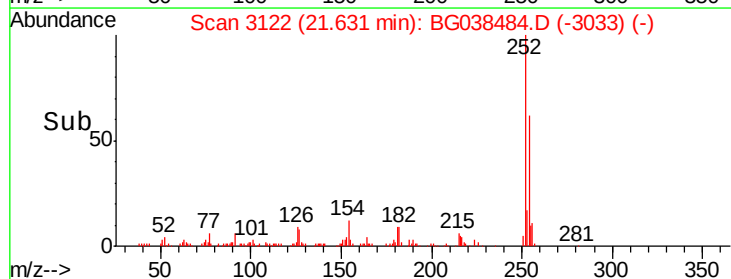
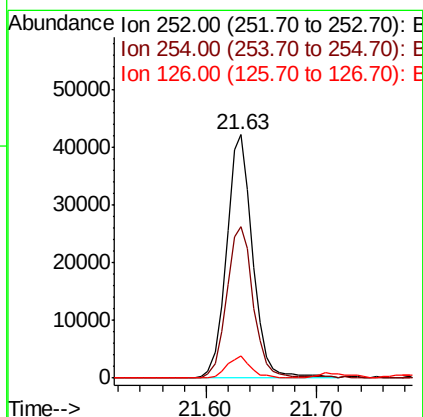
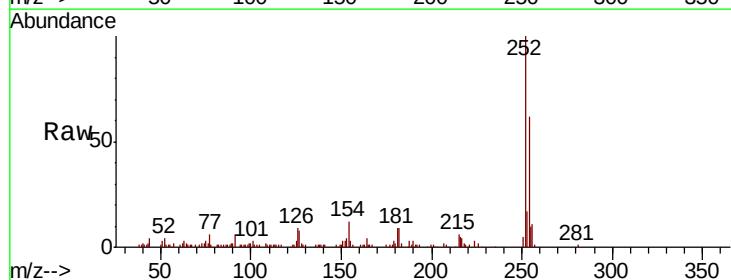
Instrument :
BNA_G
ClientSampleId :
PB115573BS

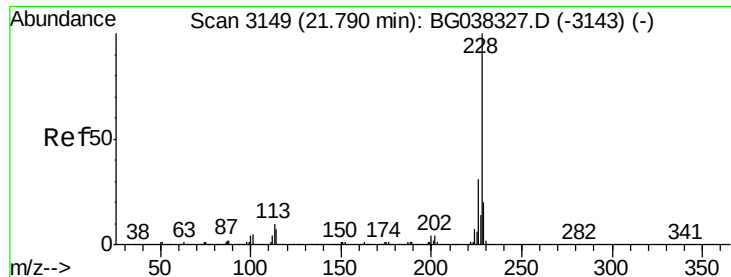
Tgt Ion:228 Resp: 308720
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 17.554 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:252 Resp: 69382
Ion Ratio Lower Upper
252 100
254 62.1 52.0 78.0
126 9.1 8.2 12.4





#83

Chrysene

Concen: 29.756 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

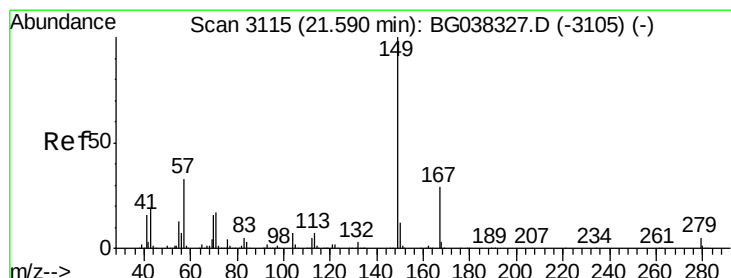
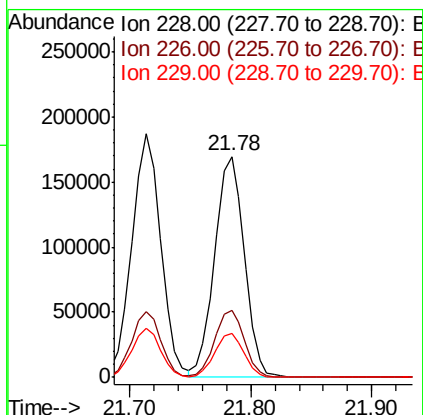
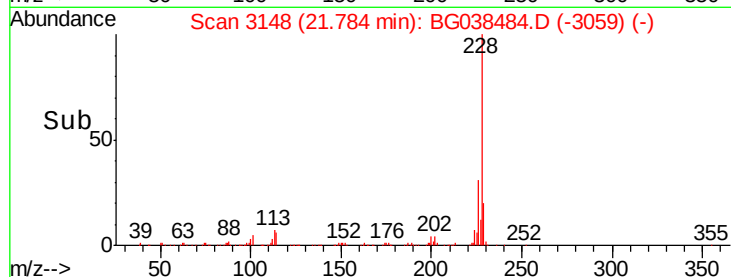
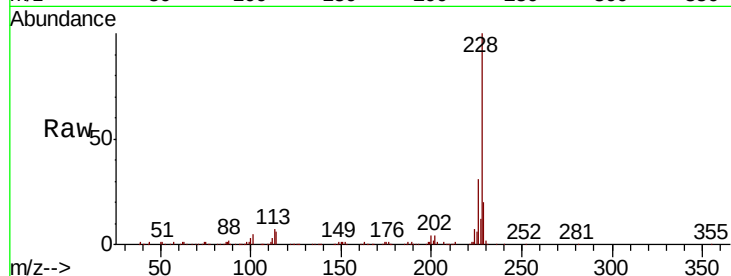
Tgt Ion:228 Resp: 286101

Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

229 19.6 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 27.503 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

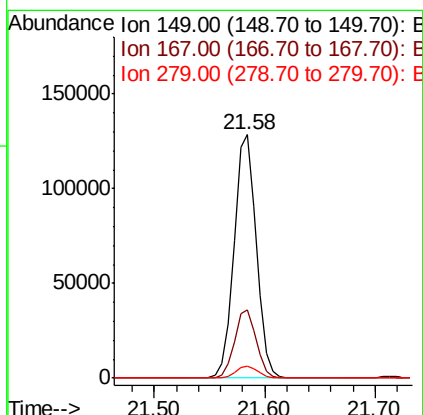
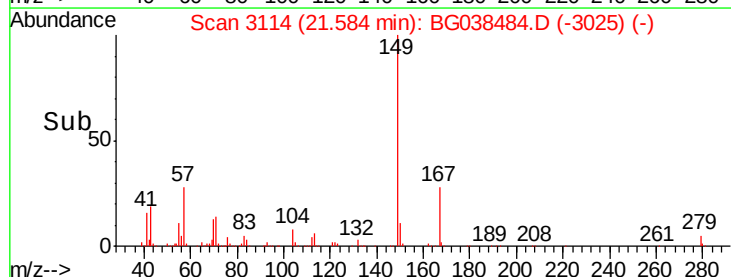
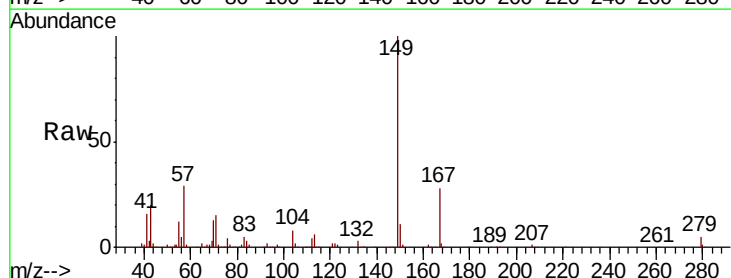
Tgt Ion:149 Resp: 181355

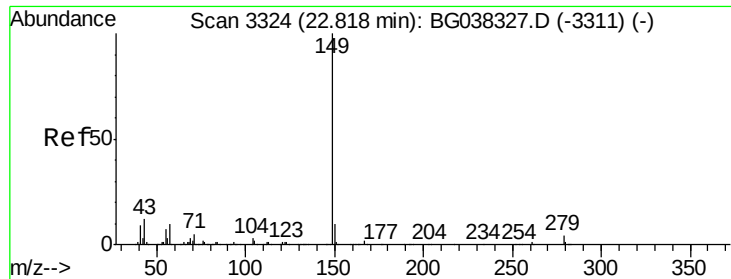
Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 27.186 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

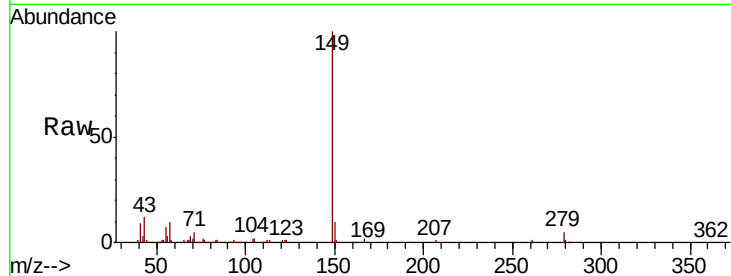
Tgt Ion:149 Resp: 307380

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

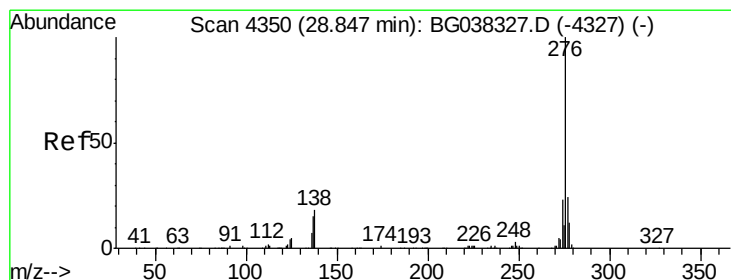
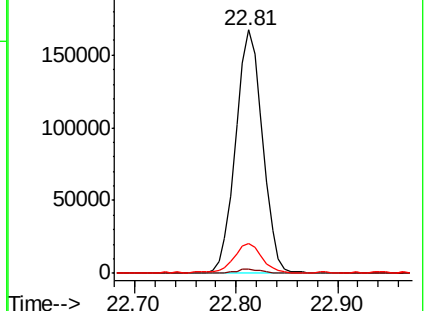
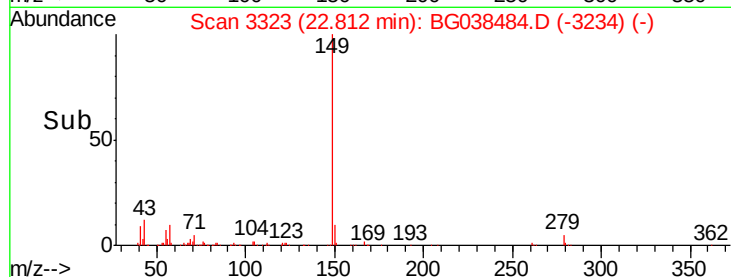
43 12.2 8.7 13.1



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: 30.981 ng

RT: 28.83 min Scan# 4348

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

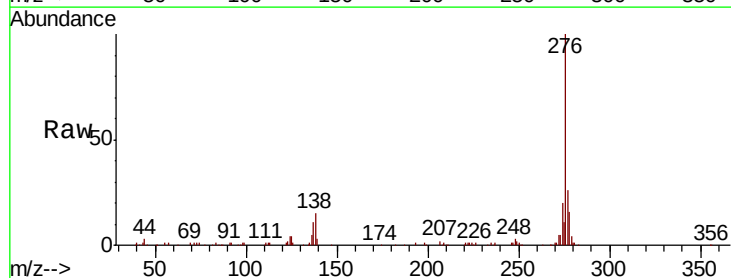
Tgt Ion:276 Resp: 338534

Ion Ratio Lower Upper

276 100

138 13.1 12.0 18.0

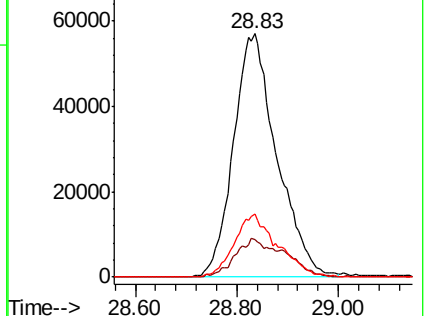
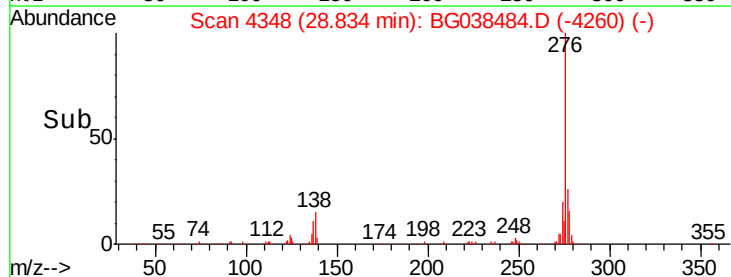
277 26.0 20.6 30.8

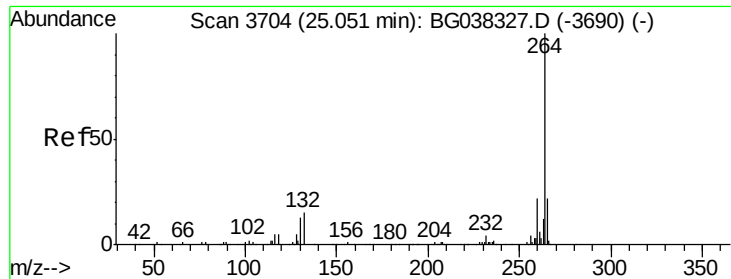


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Instrument :

BNA_G

ClientSampleId :

PB115573BS

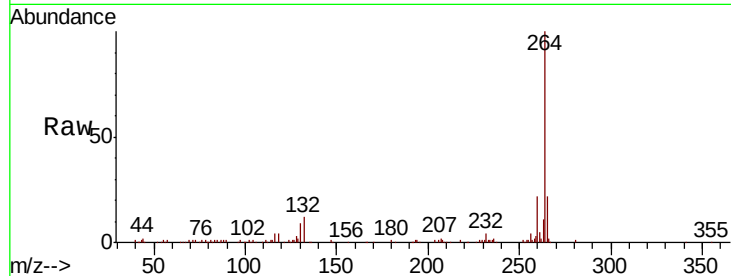
Tgt Ion:264 Resp: 179211

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 21.6 17.9 26.9

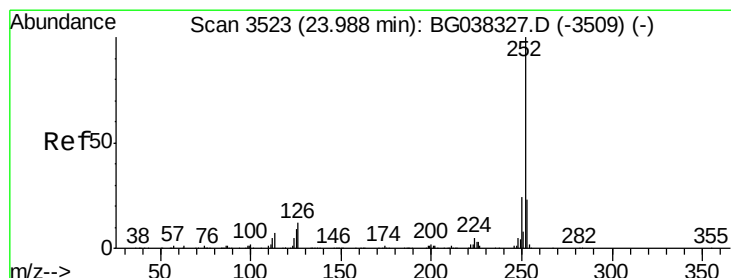
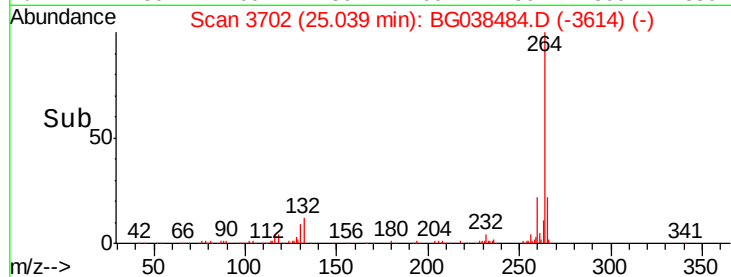
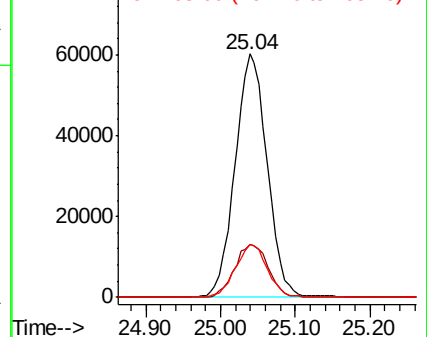


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 29.858 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

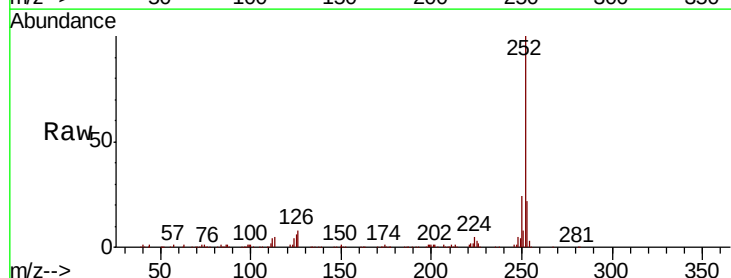
Tgt Ion:252 Resp: 302341

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 6.5 7.8 11.6#

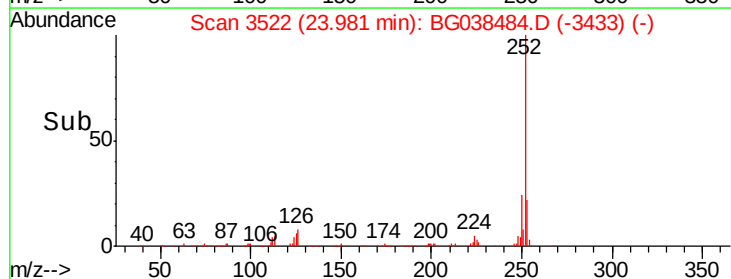
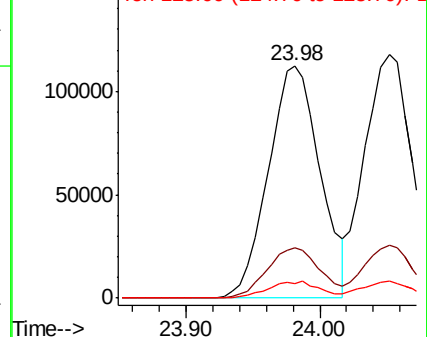


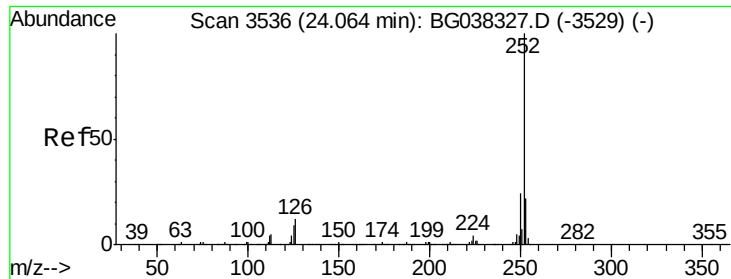
Abundance

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

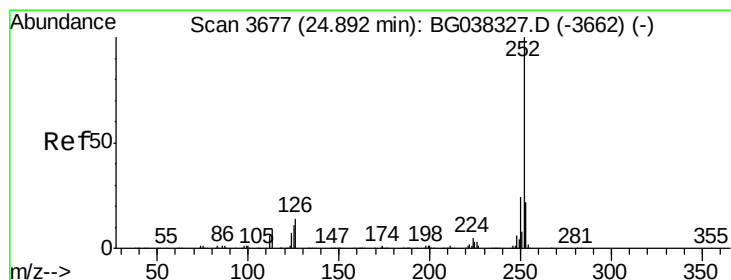
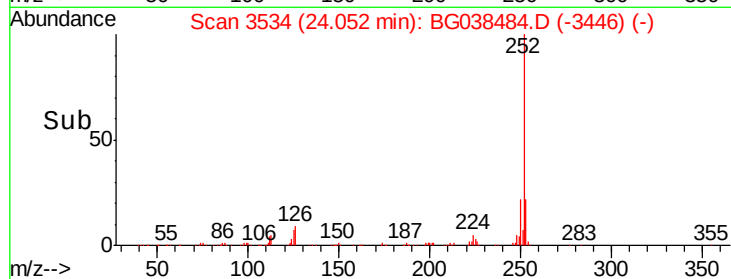
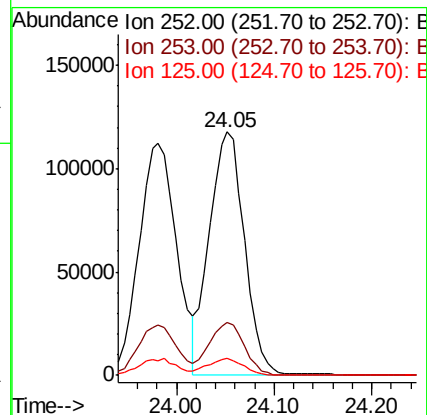
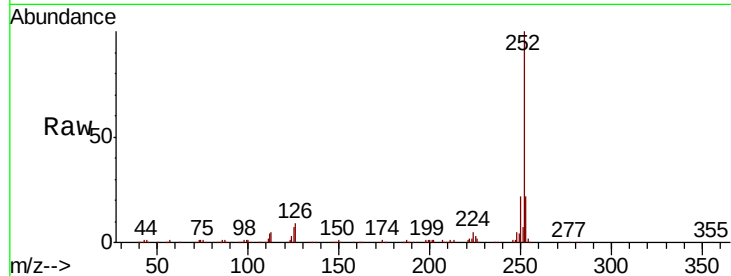




#89
Benzo(k)fluoranthene
Concen: 29.011 ng
RT: 24.05 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

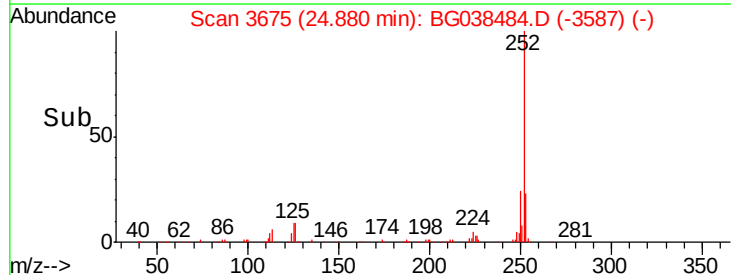
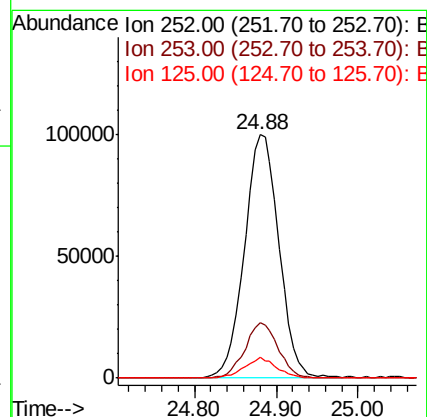
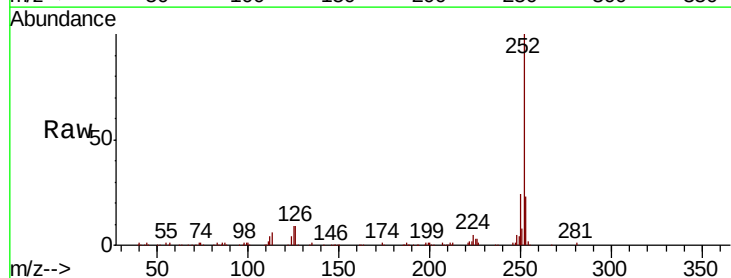
Instrument :
BNA_G
ClientSampleId :
PB115573BS

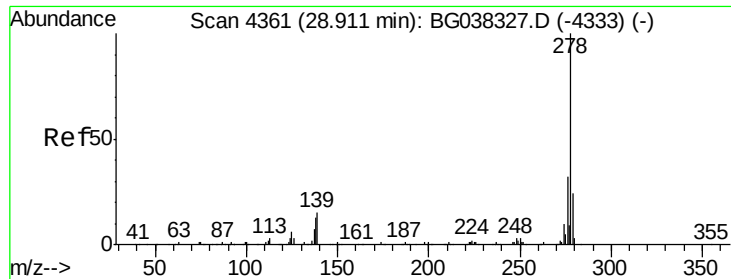
Tgt Ion:252 Resp: 292584
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 7.0 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 29.784 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.01 min
Lab File: BG038484.D
Acq: 12 Dec 2018 00:33

Tgt Ion:252 Resp: 292543
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 8.6 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 30.009 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

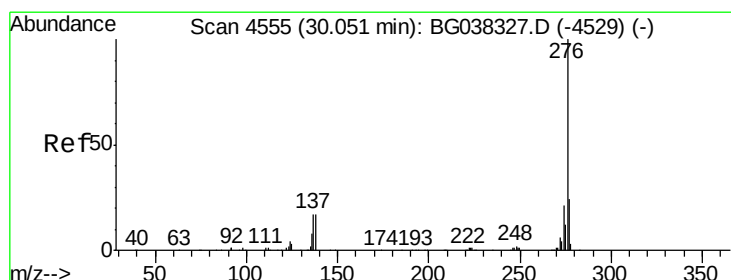
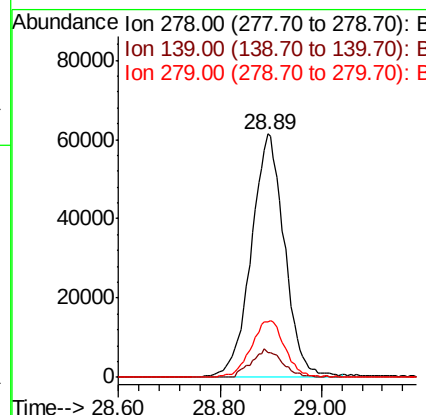
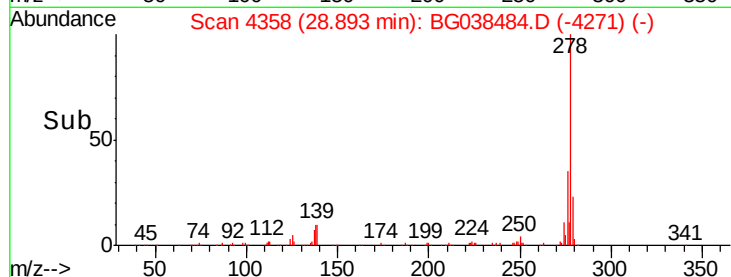
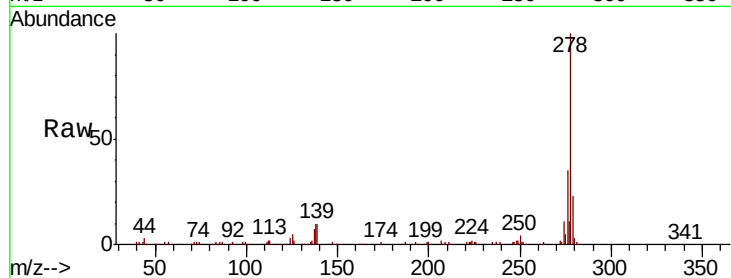
Instrument :

BNA_G

ClientSampleId :

PB115573BS

Tgt Ion:	278	Resp:	279554
Ion	Ratio	Lower	Upper
278	100		
139	10.2	11.5	17.3#
279	22.9	18.6	27.8



#92

Benzo(g,h,i)perylene

Concen: 30.618 ng

RT: 30.03 min Scan# 4551

Delta R.T. -0.02 min

Lab File: BG038484.D

Acq: 12 Dec 2018 00:33

Tgt Ion:	276	Resp:	282987
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	13.9	17.2	25.8#

