

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038581.D
 Acq On : 14 Dec 2018 23:44
 Operator : JU/SJ
 Sample : PB115428BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Quant Time: Dec 15 00:19:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23689	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95489	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	62099	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159253	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165468	20.00	ng	0.00
87) Perylene-d12	25.02	264	181515	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	180673	135.27	ng	0.00
7) Phenol-d6	7.21	99	235285	128.32	ng	0.00
23) Nitrobenzene-d5	9.24	82	119322	63.84	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	109245	127.65	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	275708	60.91	ng	0.00
79) Terphenyl-d14	20.04	244	570783	75.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	20932	33.674	ng	96
3) Pyridine	3.89	79	58213	34.014	ng	# 90
4) n-Nitrosodimethylamine	3.81	42	38307	45.682	ng	# 90
6) Aniline	7.38	93	80778	34.512	ng	98
8) 2-Chlorophenol	7.62	128	66544	43.054	ng	98
9) Benzaldehyde	7.20	77	27389	23.027	ng	95
10) Phenol	7.24	94	85045	43.659	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	58625	37.801	ng	98
12) 1,3-Dichlorobenzene	7.94	146	69125	37.825	ng	98
13) 1,4-Dichlorobenzene	8.10	146	70501	37.668	ng	99
14) 1,2-Dichlorobenzene	8.41	146	68260	38.685	ng	96
15) Benzyl Alcohol	8.30	79	61994	43.318	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	133842	37.674	ng	98
17) 2-Methylphenol	8.50	107	58267	44.646	ng	99
18) Hexachloroethane	9.14	117	26257	38.392	ng	99
19) n-Nitroso-di-n-propylamine	8.87	70	49182	38.192	ng	98
20) 3+4-Methylphenols	8.82	107	77953	43.250	ng	97
22) Acetophenone	8.89	105	96455	40.440	ng	# 96
24) Nitrobenzene	9.28	77	76268	40.335	ng	98
25) Isophorone	9.79	82	139425	41.517	ng	99
26) 2-Nitrophenol	9.99	139	38206	39.478	ng	98
27) 2,4-Dimethylphenol	10.03	122	66206	47.733	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	80075	42.252	ng	99
29) 2,4-Dichlorophenol	10.52	162	70350	45.592	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	71921	38.588	ng	95
31) Naphthalene	10.93	128	200466	42.609	ng	98
32) Benzoic acid	10.18	122	26523	33.895	ng	98
33) 4-Chloroaniline	11.05	127	42752	20.930	ng	97
34) Hexachlorobutadiene	11.19	225	47769	37.877	ng	97
35) Caprolactam	11.82	113	12120	18.980	ng	95
36) 4-Chloro-3-methylphenol	12.16	107	71909	40.838	ng	98
37) 2-Methylnaphthalene	12.53	142	146881	43.760	ng	98
38) 1-Methylnaphthalene	12.75	142	142607	43.784	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87252	37.589	ng	99

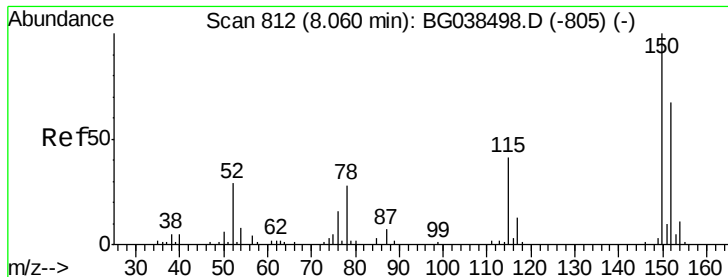
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038581.D
 Acq On : 14 Dec 2018 23:44
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Quant Time: Dec 15 00:19:50 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	117725	92.313	ng	93
43) 2,4,6-Trichlorophenol	13.13	196	58996	41.336	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	65920	43.623	ng	98
46) 1,1'-Biphenyl	13.53	154	193849	37.236	ng	98
47) 2-Chloronaphthalene	13.58	162	154445	38.407	ng	98
48) 2-Nitroaniline	13.79	65	53314	41.623	ng	99
49) Acenaphthylene	14.42	152	255887	42.565	ng	99
50) Dimethylphthalate	14.15	163	209528	41.317	ng	99
51) 2,6-Dinitrotoluene	14.28	165	46842	40.760	ng	97
52) Acenaphthene	14.76	154	144257	40.130	ng	99
53) 3-Nitroaniline	14.61	138	34118	29.123	ng	96
54) 2,4-Dinitrophenol	14.82	184	52371	76.810	ng	94
55) Dibenzofuran	15.09	168	242335	39.327	ng	100
56) 4-Nitrophenol	14.92	139	77023	86.667	ng	98
57) 2,4-Dinitrotoluene	15.06	165	68140	42.097	ng	98
58) Fluorene	15.75	166	195964	42.925	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	58554	43.069	ng	99
60) Diethylphthalate	15.50	149	217741	39.112	ng	100
61) 4-Chlorophenyl-phenylether	15.73	204	109317	38.378	ng	99
62) 4-Nitroaniline	15.78	138	50236	41.653	ng	100
63) Azobenzene	16.02	77	188625	40.559	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	42153	37.105	ng	97
66) n-Nitrosodiphenylamine	15.95	169	180617	38.600	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	72193	37.118	ng	98
68) Hexachlorobenzene	16.74	284	74820	37.110	ng	98
69) Atrazine	16.89	200	76367	43.977	ng	97
70) Pentachlorophenol	17.09	266	85712	71.874	ng	98
71) Phenanthrene	17.48	178	349922	42.372	ng	99
72) Anthracene	17.58	178	356024	43.669	ng	100
73) Carbazole	17.85	167	325681	40.393	ng	100
74) Di-n-butylphthalate	18.38	149	396135	42.817	ng	99
75) Fluoranthene	19.49	202	452516	44.287	ng	98
77) Benzidine	19.68	184	226149	46.214	ng	99
78) Pyrene	19.86	202	453559	41.492	ng	99
80) Butylbenzylphthalate	20.72	149	184216	43.135	ng	97
81) Benzo(a)anthracene	21.70	228	438933	43.533	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	115361	28.848	ng	100
83) Chrysene	21.77	228	404821	41.684	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	253451	41.844	ng	100
85) Di-n-octyl phthalate	22.80	149	429846	42.374	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	496974	43.527	ng	# 98
88) Benzo(b)fluoranthene	23.96	252	433968	43.545	ng	98
89) Benzo(k)fluoranthene	24.03	252	429469	43.276	ng	96
90) Benzo(a)pyrene	24.86	252	424681	44.171	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	414488	43.298	ng	99
92) Benzo(g,h,i)perylene	29.99	276	410645	43.528	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

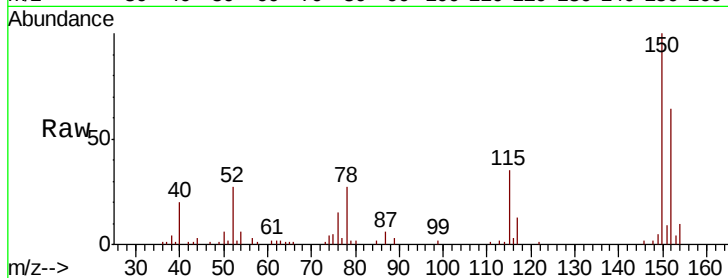
Tgt Ion:152 Resp: 23689

Ion Ratio Lower Upper

152 100

150 156.5 119.5 179.3

115 55.0 49.6 74.4

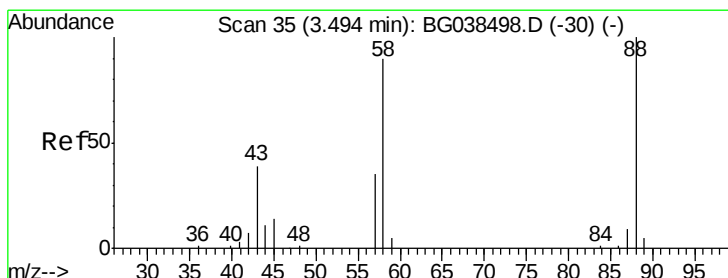
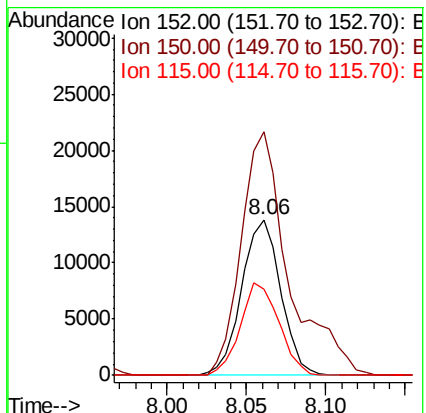
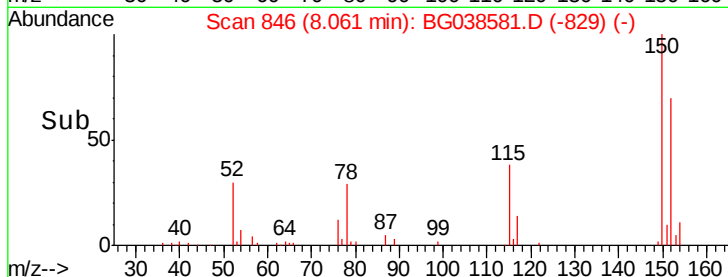


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.674 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

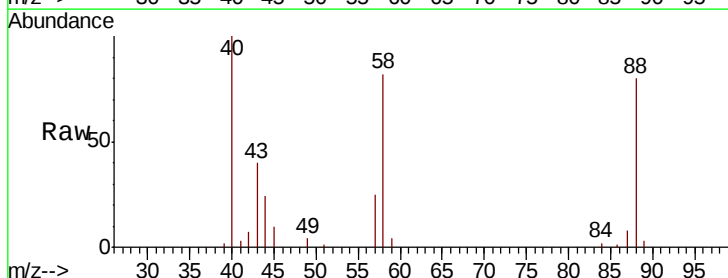
Tgt Ion: 88 Resp: 20932

Ion Ratio Lower Upper

88 100

58 100.1 75.7 113.5

43 39.7 31.6 47.4

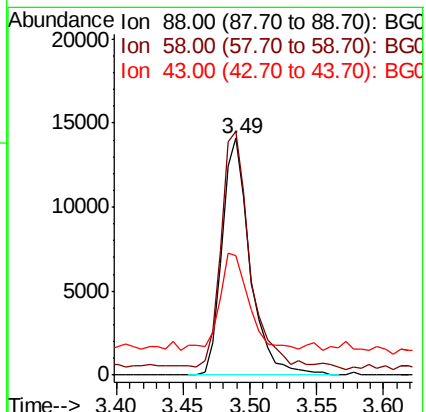
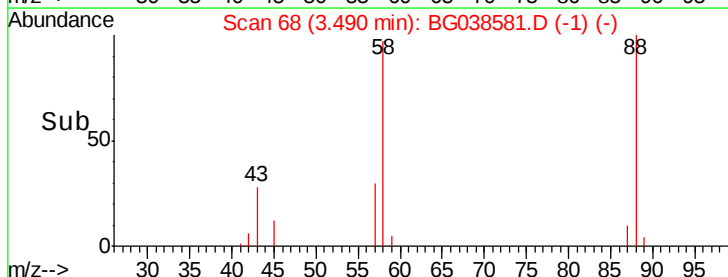


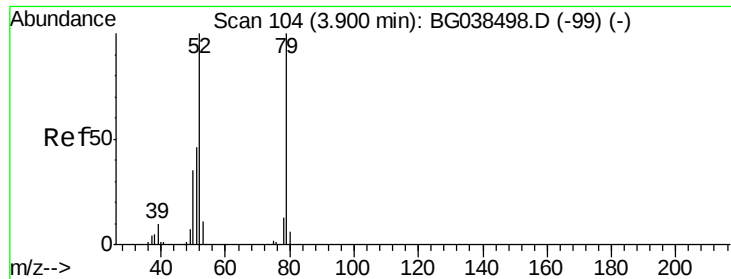
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.014 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

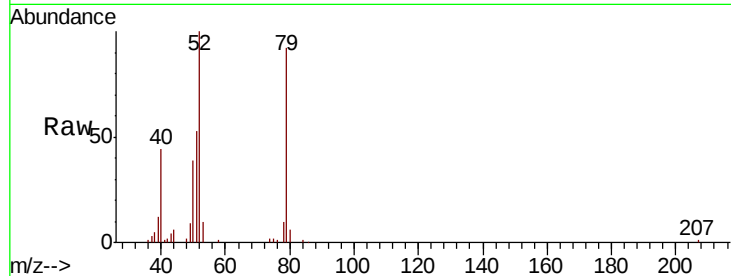
Tgt Ion: 79 Resp: 58213

Ion Ratio Lower Upper

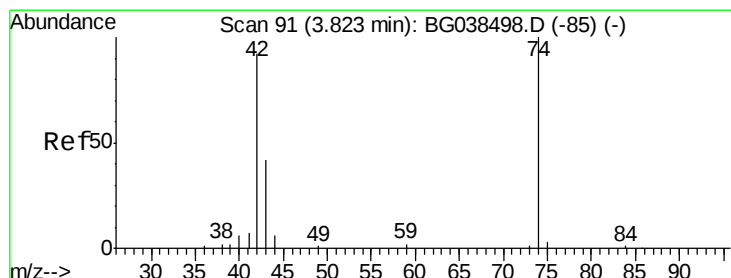
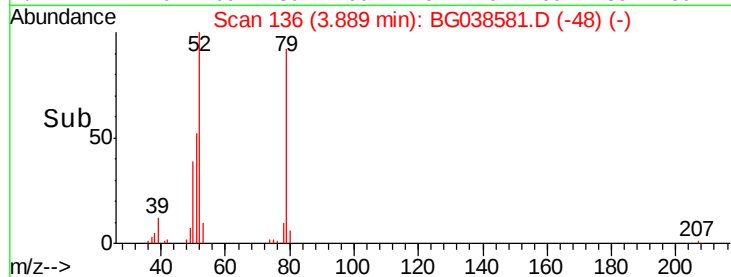
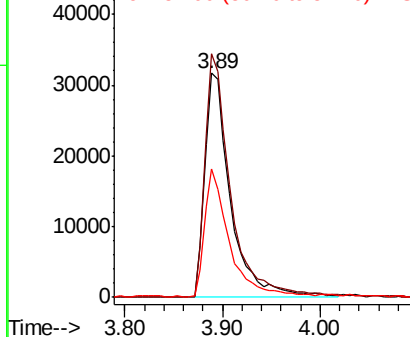
79 100

52 108.5 80.2 120.2

51 57.2 38.0 57.0#



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



#4

n-Nitrosodimethylamine

Concen: 45.682 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

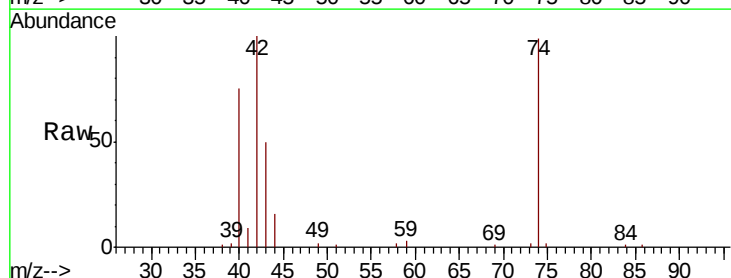
Tgt Ion: 42 Resp: 38307

Ion Ratio Lower Upper

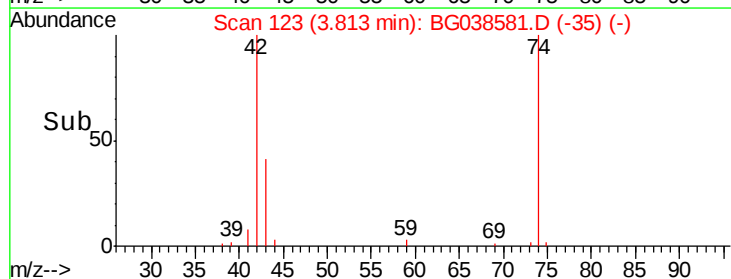
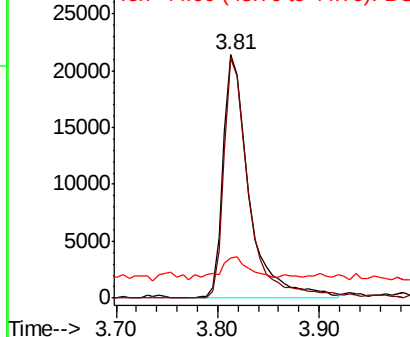
42 100

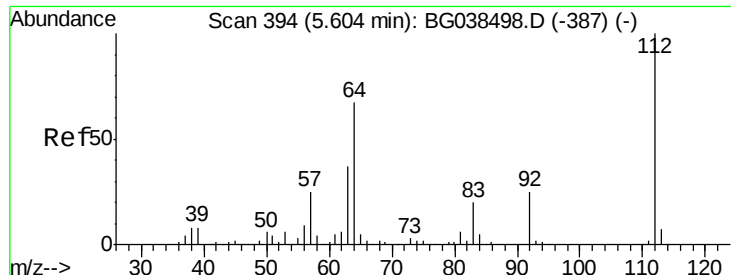
74 98.7 86.7 130.1

44 16.3 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 135.274 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

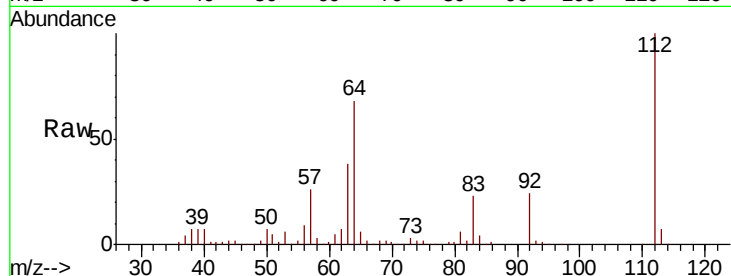
Tgt Ion: 112 Resp: 180673

Ion Ratio Lower Upper

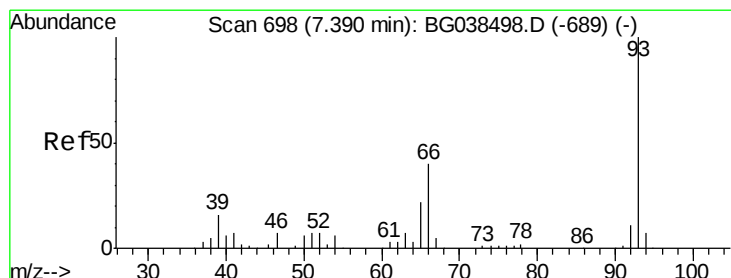
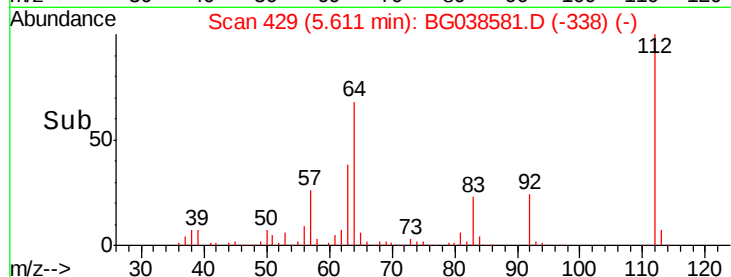
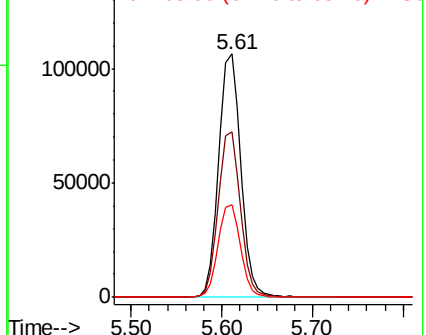
112 100

64 67.8 53.4 80.2

63 38.2 29.3 43.9



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



#6

Aniline

Concen: 34.512 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

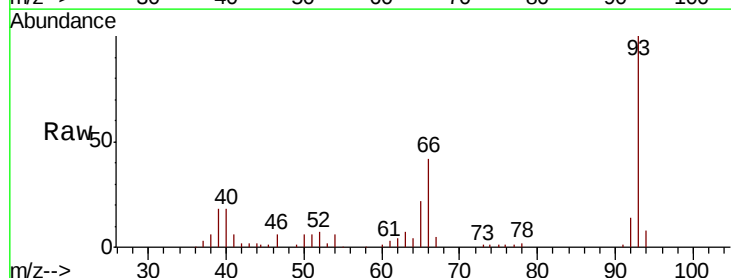
Tgt Ion: 93 Resp: 80778

Ion Ratio Lower Upper

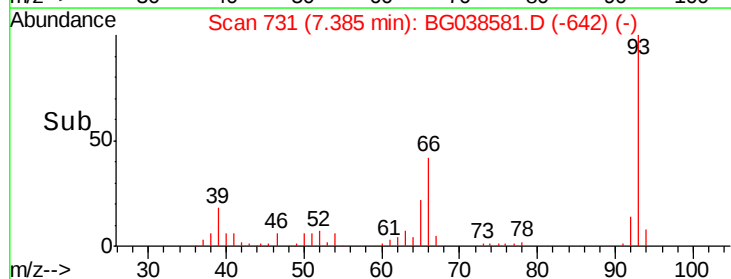
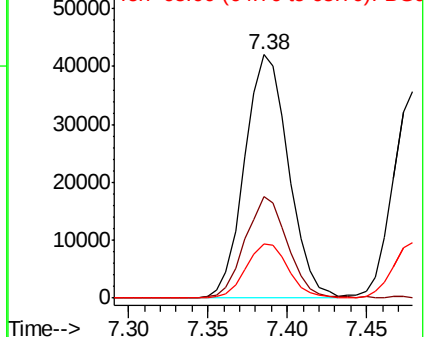
93 100

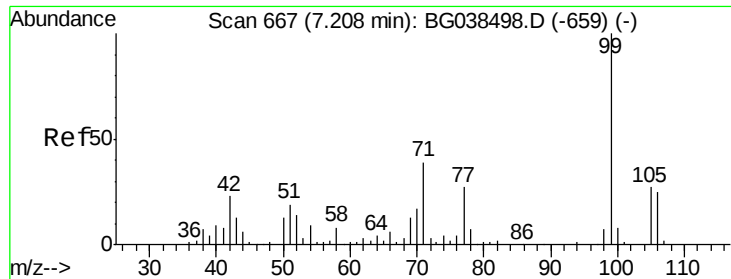
66 41.5 31.7 47.5

65 22.4 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.324 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

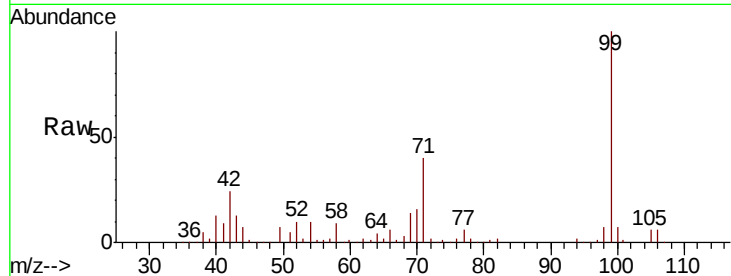
Tgt Ion: 99 Resp: 235285

Ion Ratio Lower Upper

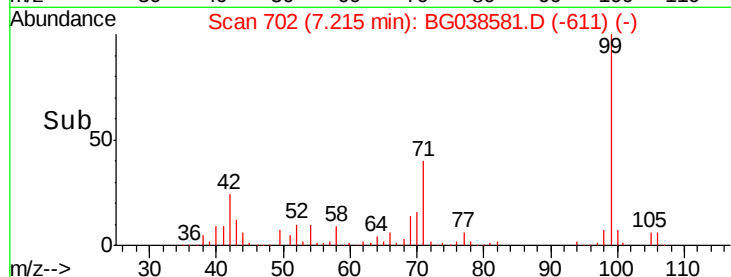
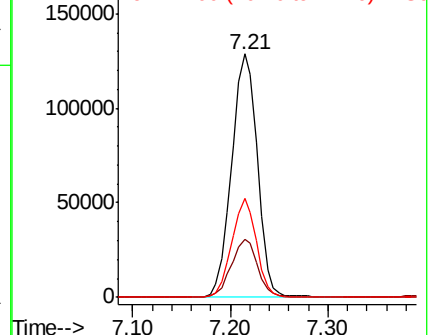
99 100

42 23.9 18.5 27.7

71 40.4 31.1 46.7



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



#8

2-Chlorophenol

Concen: 43.054 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

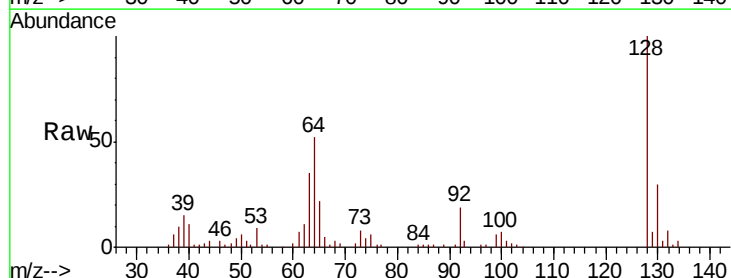
Tgt Ion: 128 Resp: 66544

Ion Ratio Lower Upper

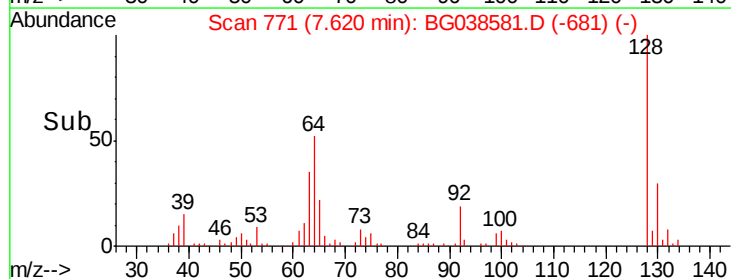
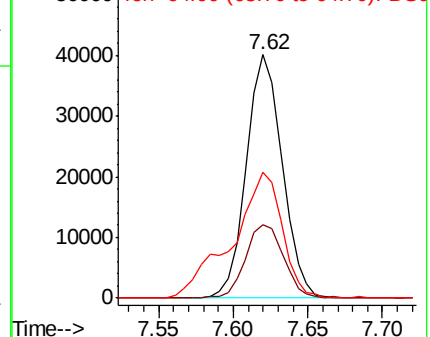
128 100

130 30.2 11.8 51.8

64 51.8 33.2 73.2



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





#9

Benzaldehyde

Concen: 23.027 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

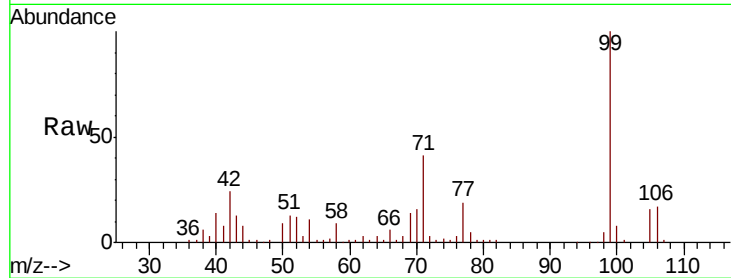
Tgt Ion: 77 Resp: 27389

Ion Ratio Lower Upper

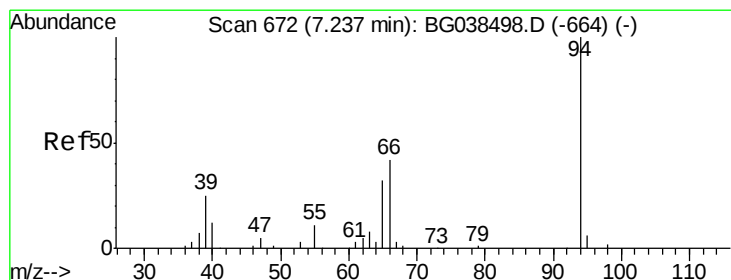
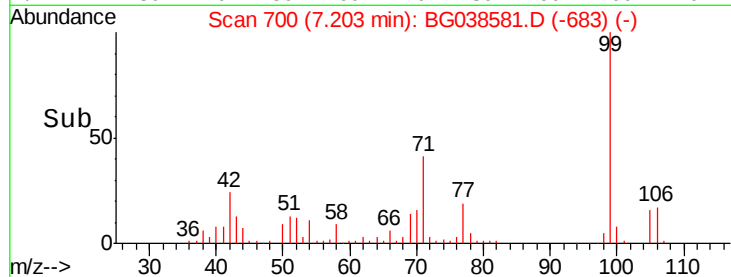
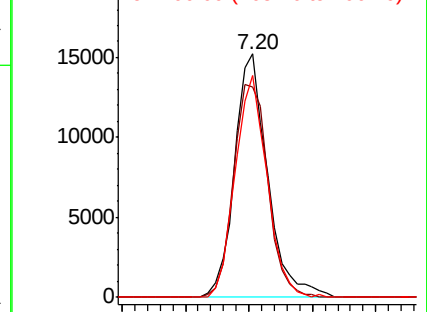
77 100

105 86.6 74.0 114.0

106 91.2 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 43.659 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

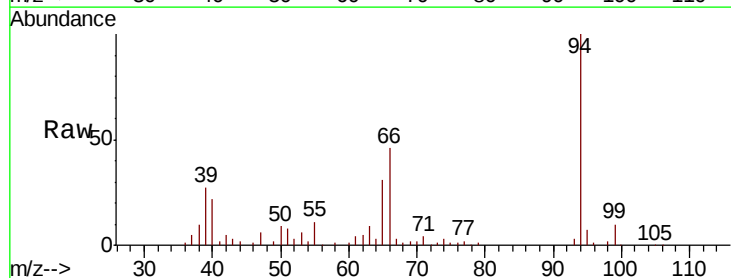
Tgt Ion: 94 Resp: 85045

Ion Ratio Lower Upper

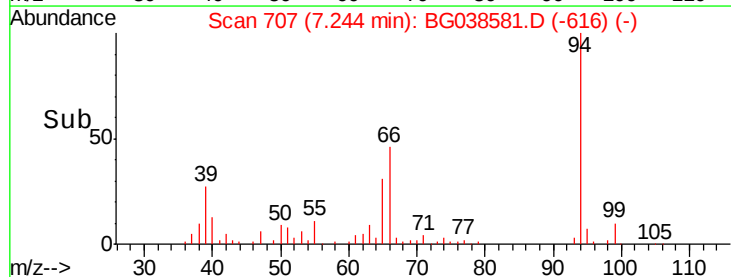
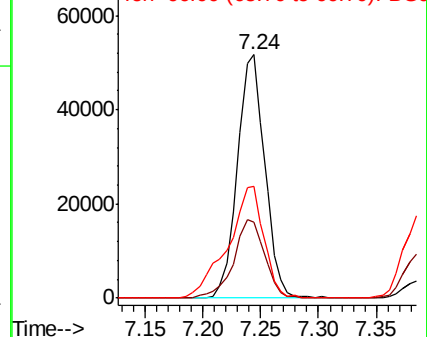
94 100

65 31.0 12.6 52.6

66 46.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

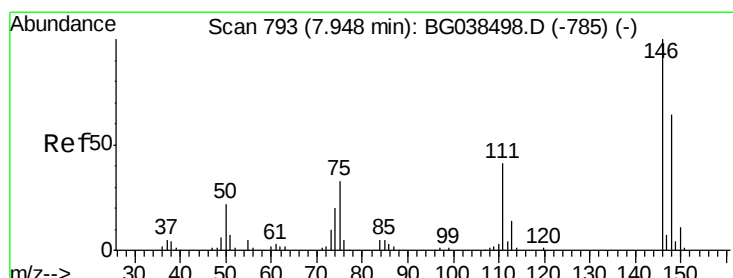
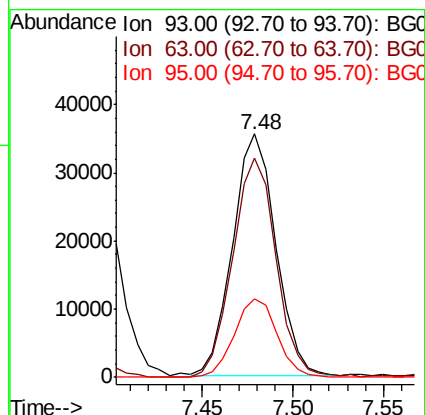
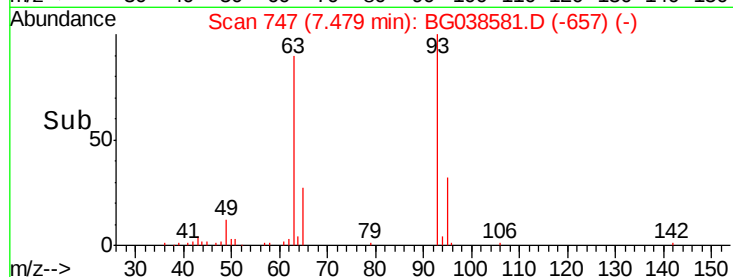
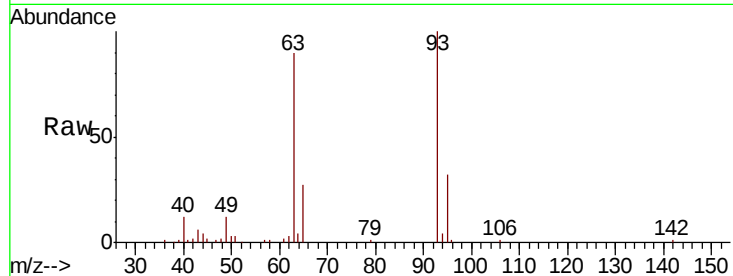




#11
 bis(2-Chloroethyl)ether
 Concen: 37.801 ng
 RT: 7.48 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

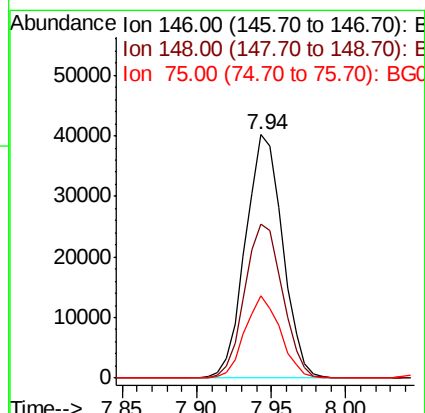
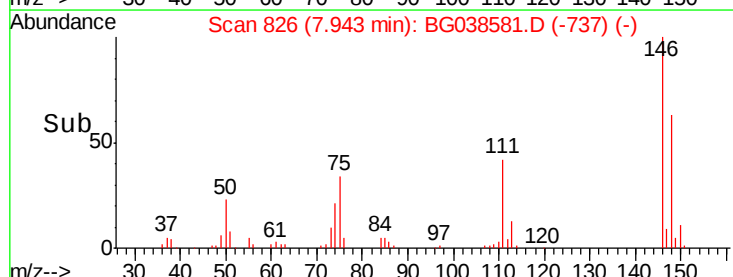
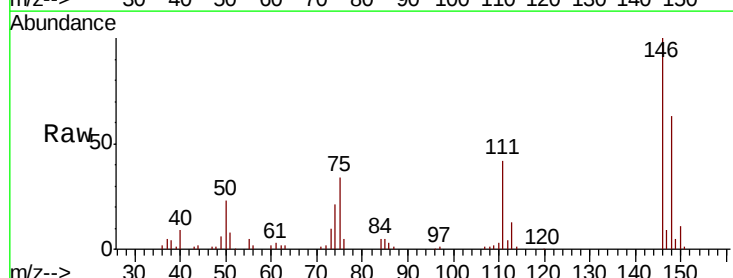
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

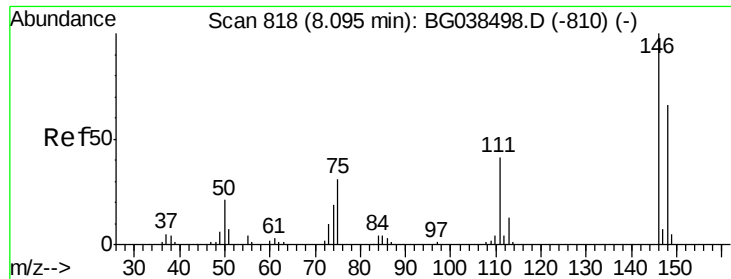
Tgt Ion: 93 Resp: 58625
 Ion Ratio Lower Upper
 93 100
 63 90.1 72.2 112.2
 95 32.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 37.825 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion: 146 Resp: 69125
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.4 77.0
 75 33.9 26.1 39.1

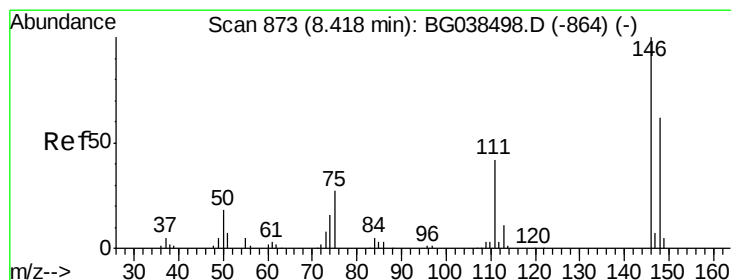
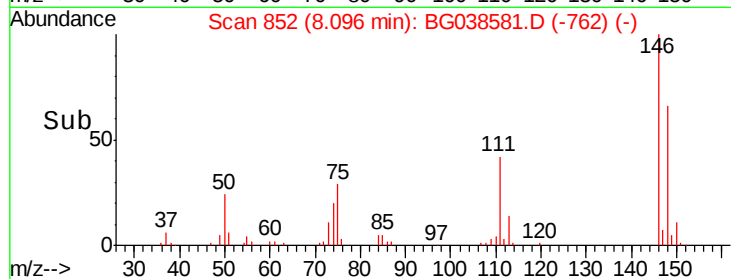
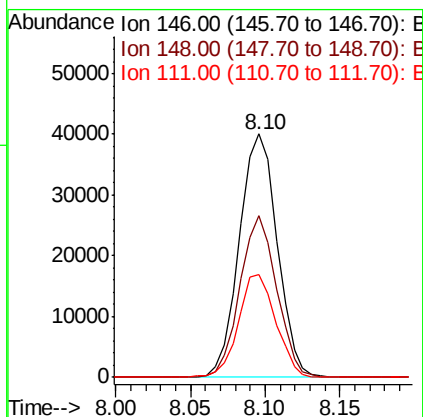
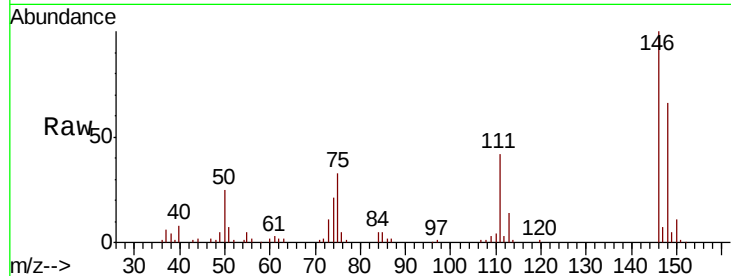




#13
 1,4-Dichlorobenzene
 Concen: 37.668 ng
 RT: 8.10 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

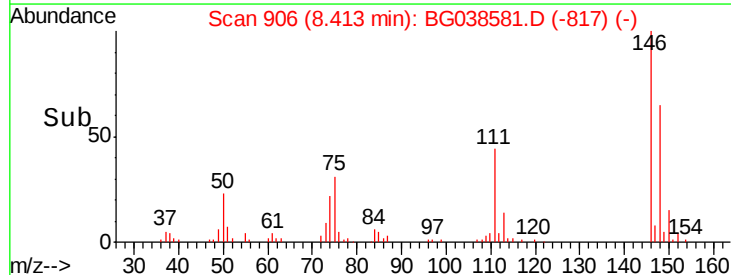
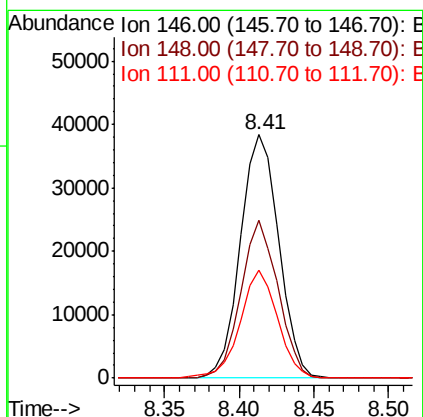
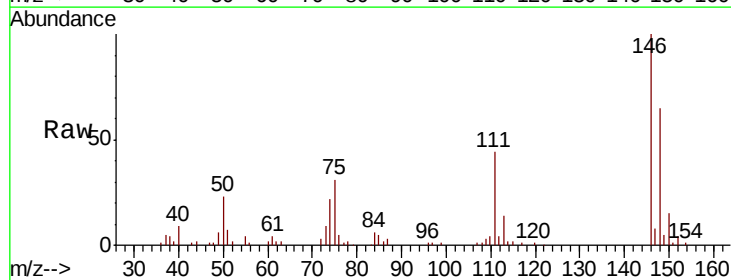
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

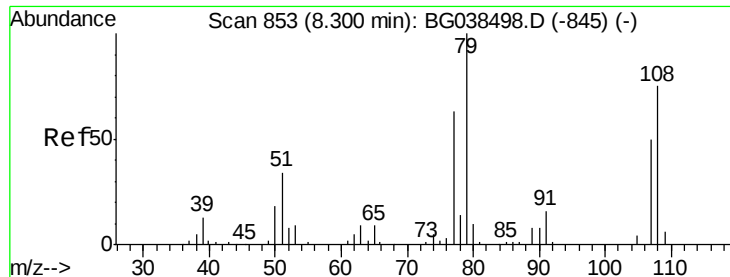
Tgt Ion:146 Resp: 70501
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.4 78.6
 111 42.1 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 38.685 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:146 Resp: 68260
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.4 74.0
 111 44.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 43.318 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

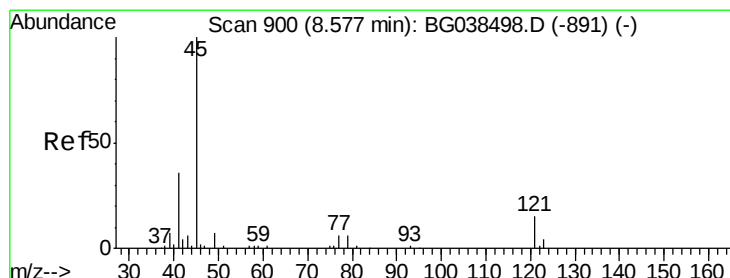
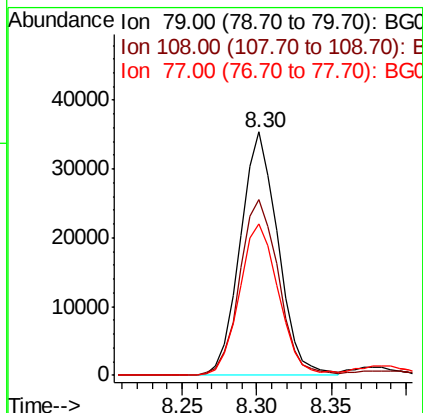
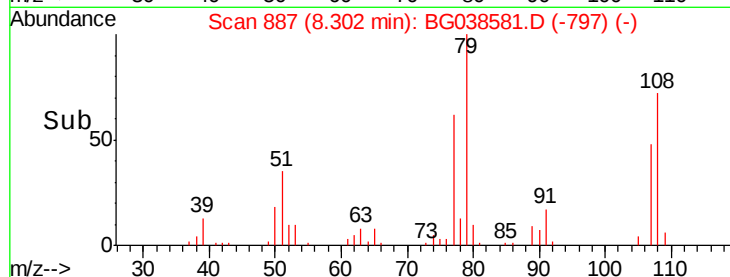
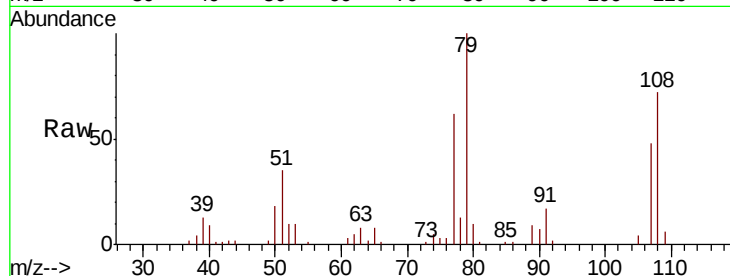
Tgt Ion: 79 Resp: 61994

Ion Ratio Lower Upper

79 100

108 72.4 60.2 90.4

77 62.1 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.674 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

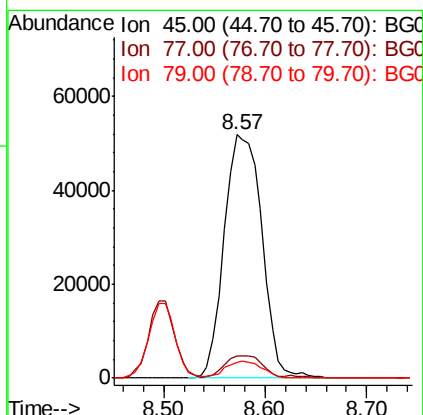
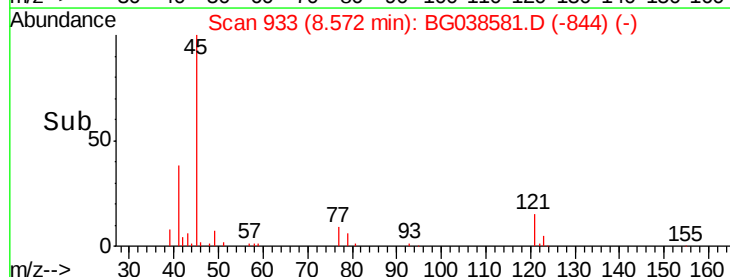
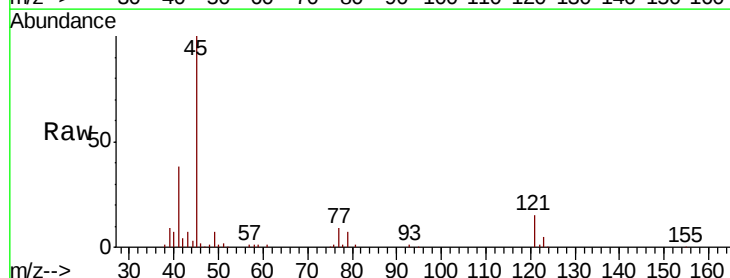
Tgt Ion: 45 Resp: 133842

Ion Ratio Lower Upper

45 100

77 9.1 0.0 28.2

79 6.7 0.0 27.2

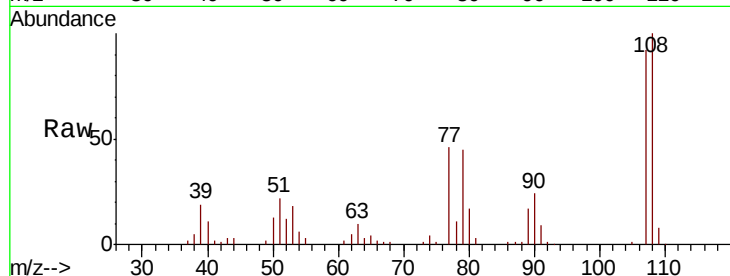




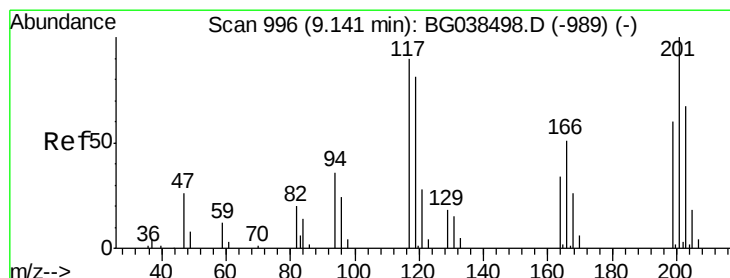
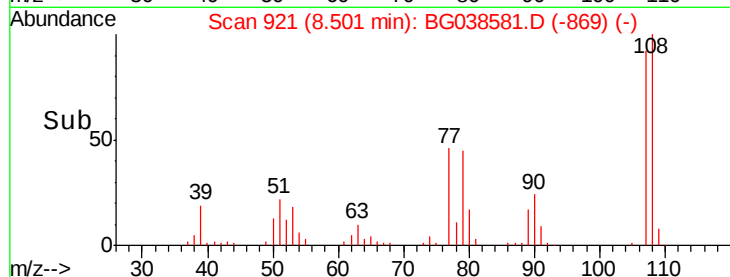
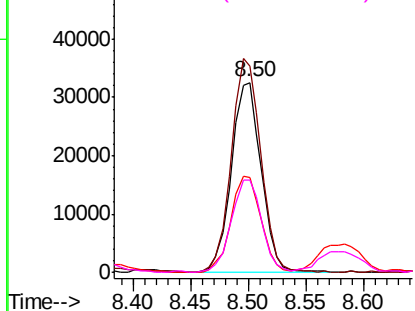
#17
2-Methylphenol
Concen: 44.646 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion:107 Resp: 58267
Ion Ratio Lower Upper
107 100
108 108.8 87.1 130.7
77 50.1 42.0 63.0
79 48.7 38.2 57.2

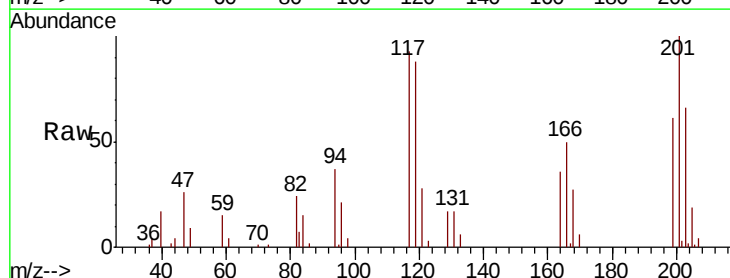


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

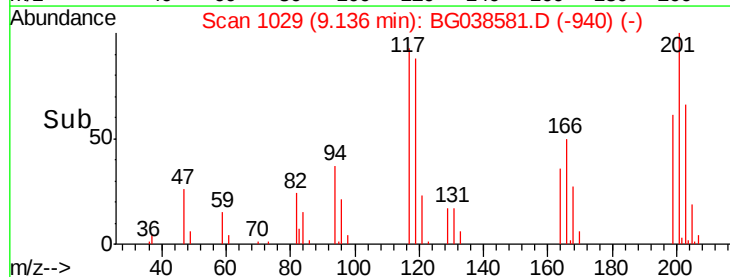
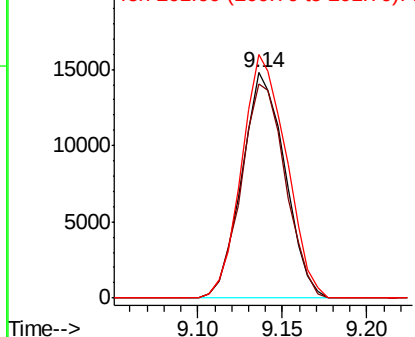


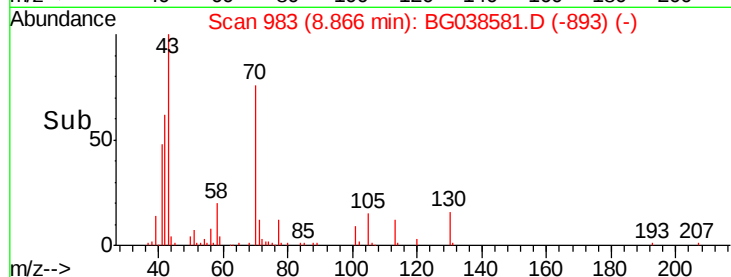
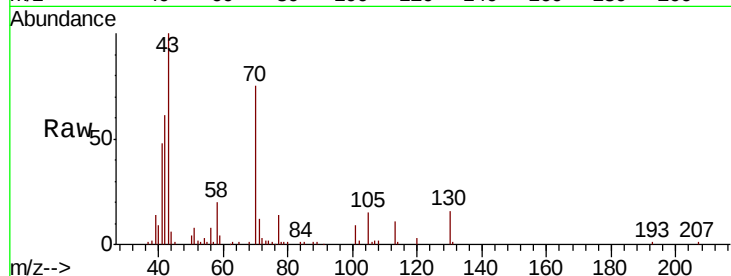
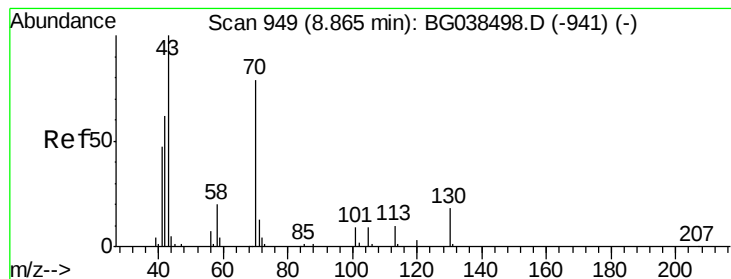
#18
Hexachloroethane
Concen: 38.392 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:117 Resp: 26257
Ion Ratio Lower Upper
117 100
119 94.6 73.8 110.8
201 111.0 89.4 134.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 38.192 ng

RT: 8.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tgt Ion: 70 Resp: 49182

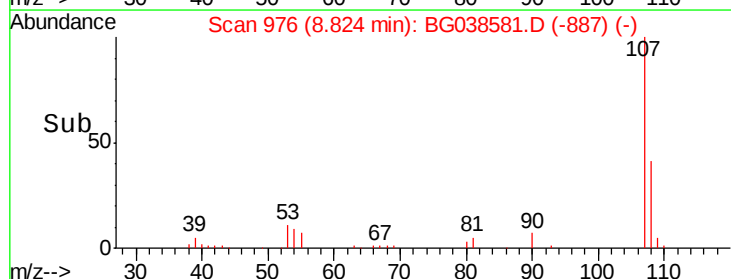
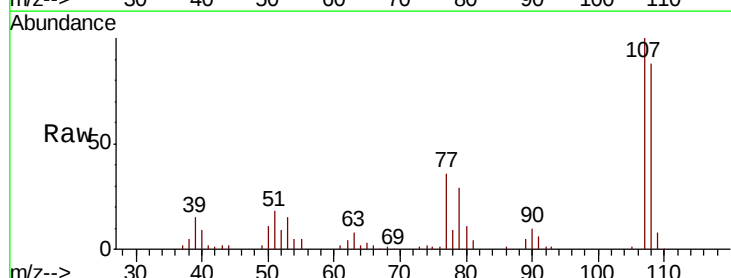
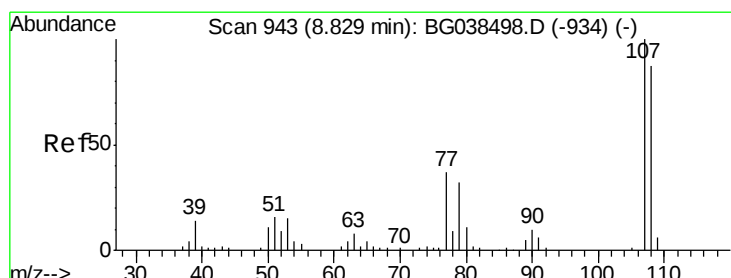
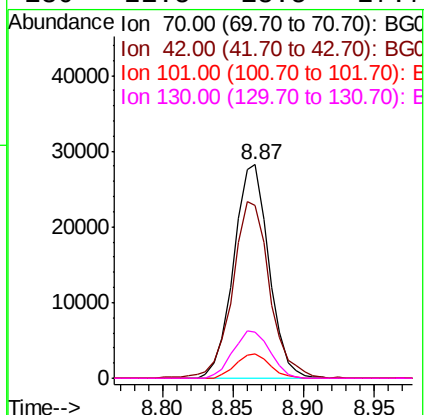
Ion Ratio Lower Upper

70 100

42 81.2 63.6 95.4

101 11.5 9.2 13.8

130 21.5 18.5 27.7



#20

3+4-Methylphenols

Concen: 43.250 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion: 107 Resp: 77953

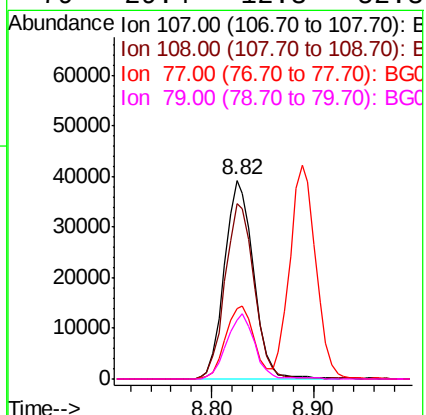
Ion Ratio Lower Upper

107 100

108 88.4 66.7 106.7

77 35.5 17.3 57.3

79 29.4 12.3 52.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tgt Ion:136 Resp: 95489

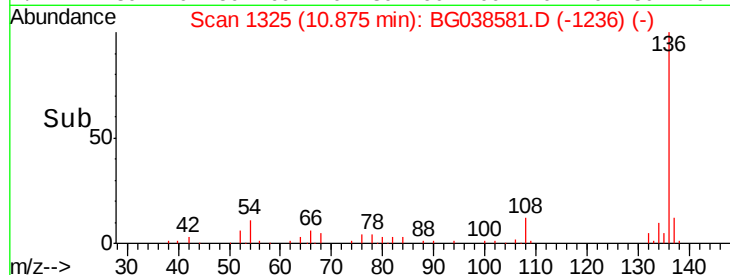
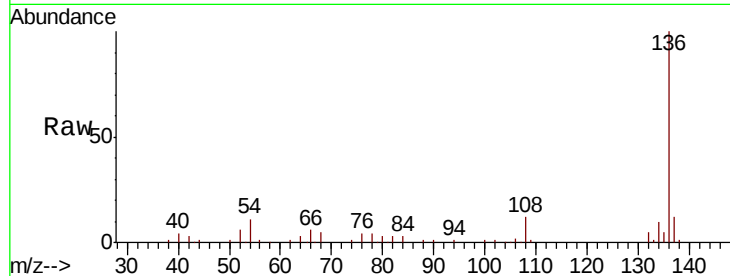
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 11.1 8.5 12.7

68 5.1 3.5 5.3

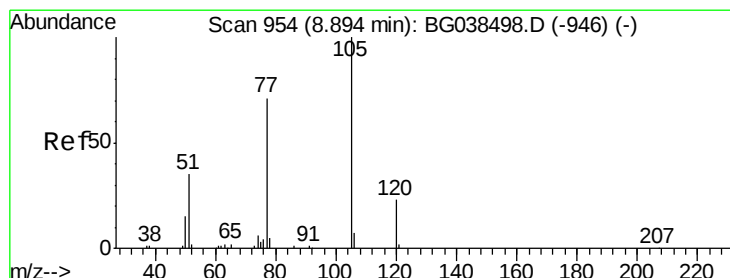
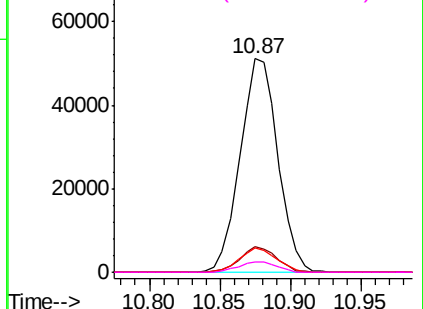


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.440 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:105 Resp: 96455

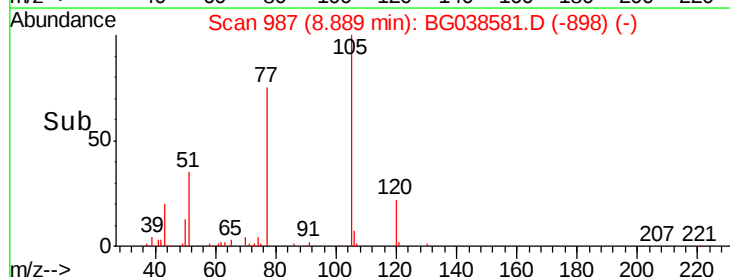
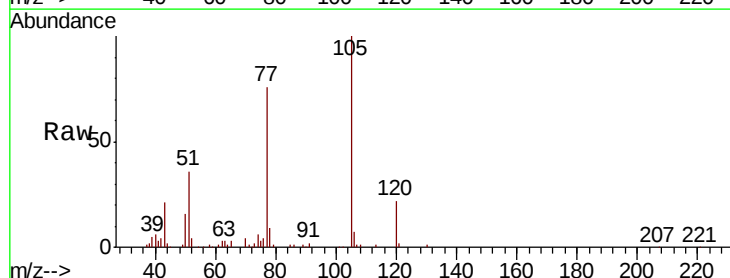
Ion Ratio Lower Upper

105 100

71 0.8 0.4 0.6#

51 35.6 30.6 46.0

120 22.1 18.6 28.0

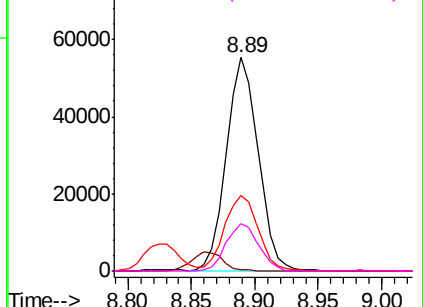


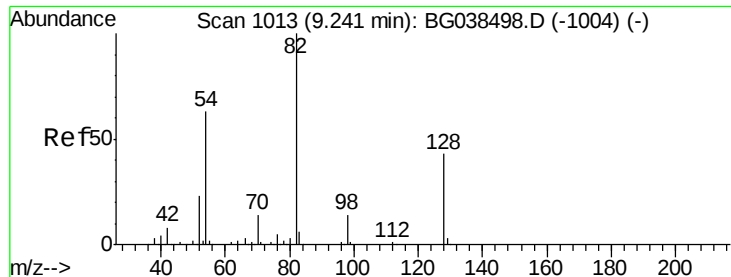
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

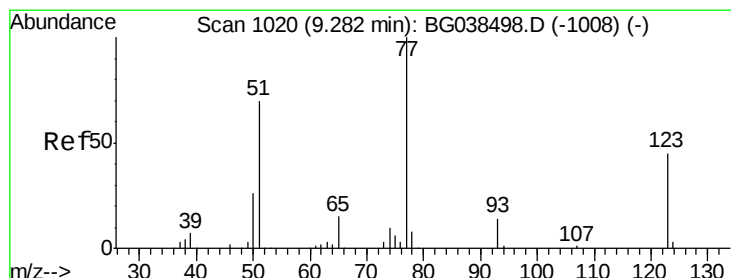
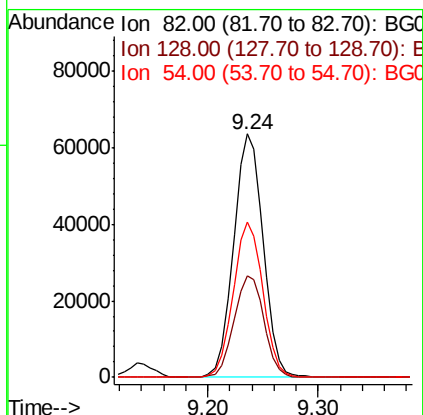
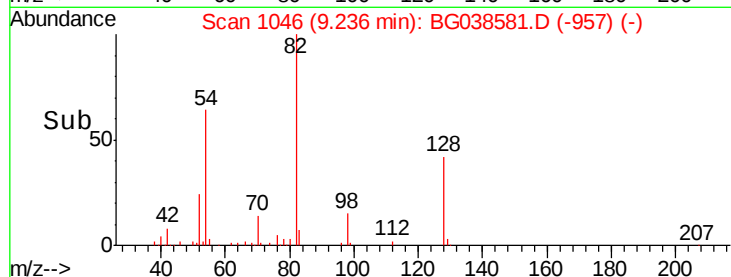
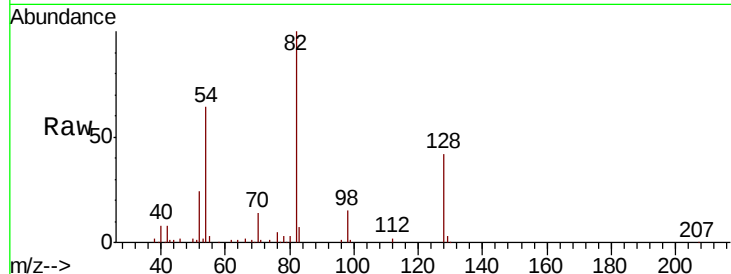




#23
 Nitrobenzene-d5
 Concen: 63.838 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

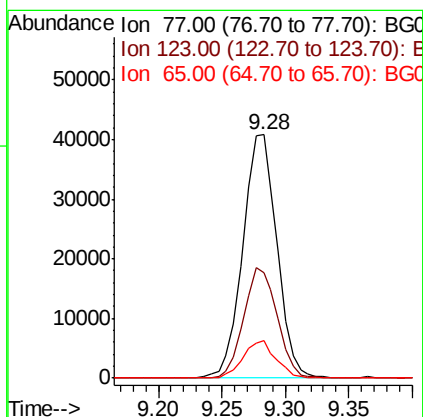
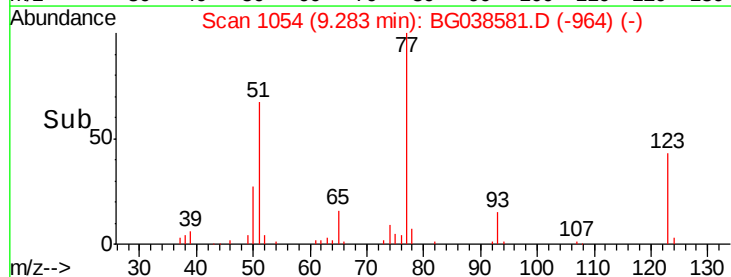
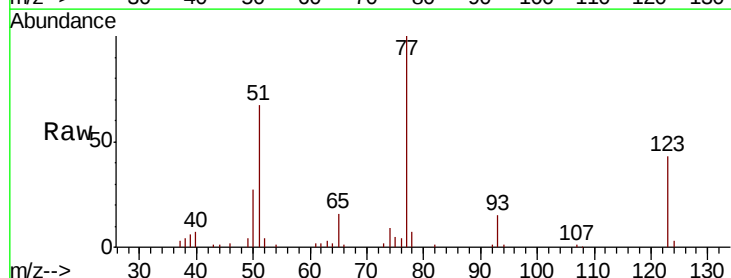
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion: 82 Resp: 119322
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 52.0
 54 64.0 50.6 76.0



#24
 Nitrobenzene
 Concen: 40.335 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion: 77 Resp: 76268
 Ion Ratio Lower Upper
 77 100
 123 43.5 35.9 53.9
 65 15.6 12.0 18.0

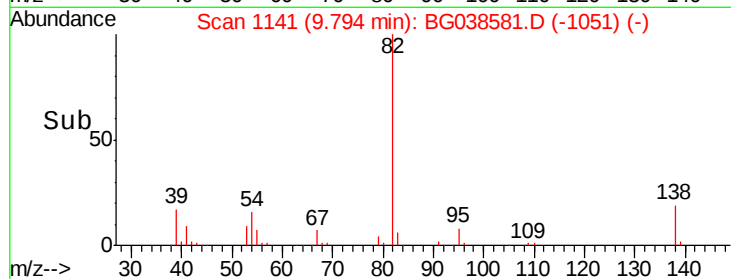
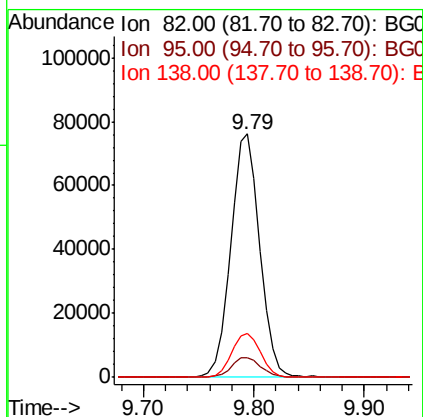
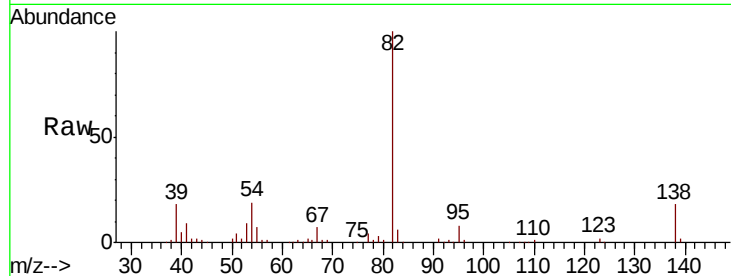




#25
Isophorone
Concen: 41.517 ng
RT: 9.79 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

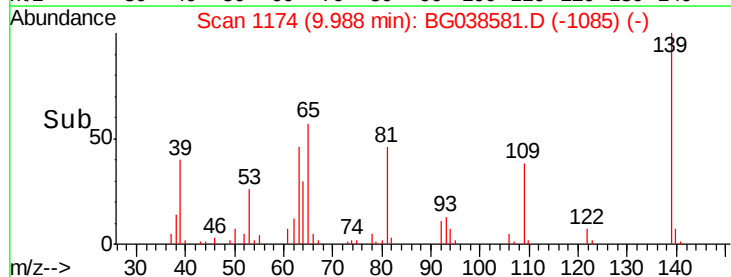
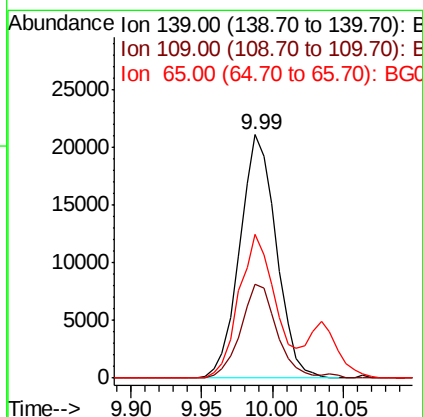
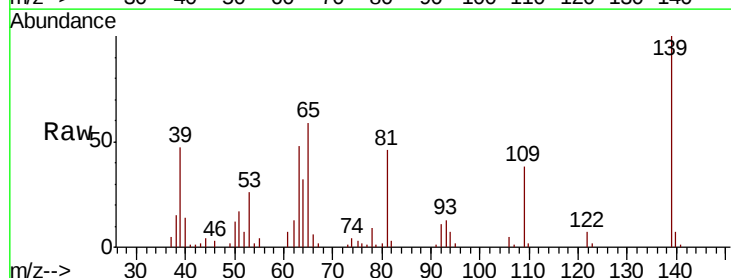
Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion: 82 Resp: 139425
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 39.478 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion: 139 Resp: 38206
Ion Ratio Lower Upper
139 100
109 38.4 29.5 44.3
65 59.1 48.5 72.7

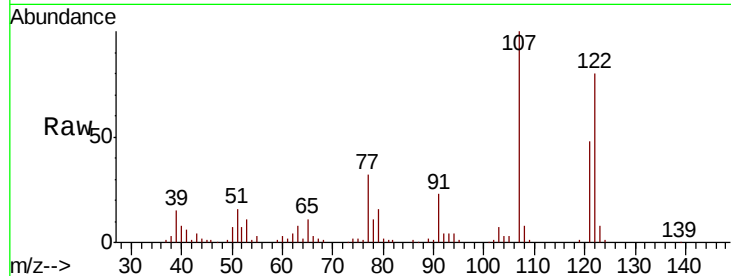




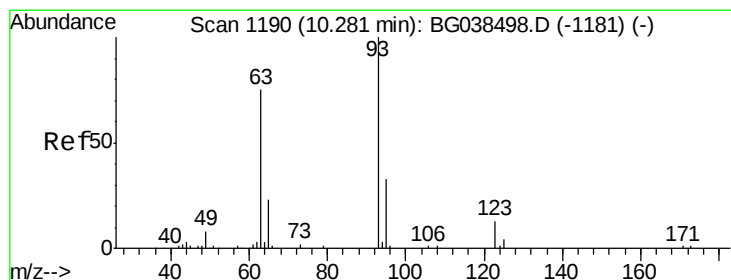
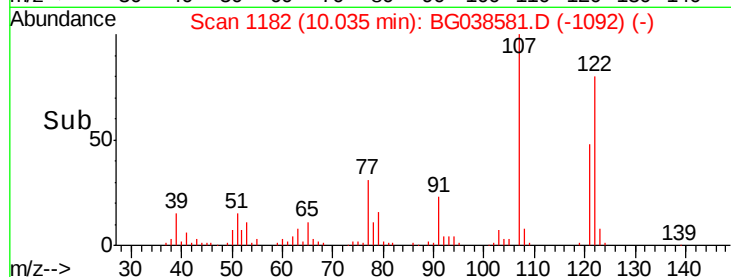
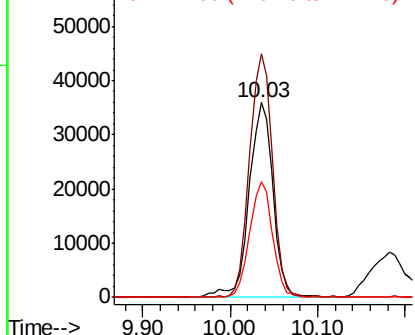
#27
 2,4-Dimethylphenol
 Concen: 47.733 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion:122 Resp: 66206
 Ion Ratio Lower Upper
 122 100
 107 125.3 98.4 147.6
 121 59.6 47.2 70.8

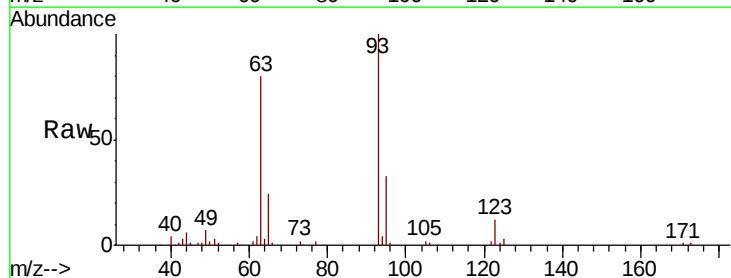


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

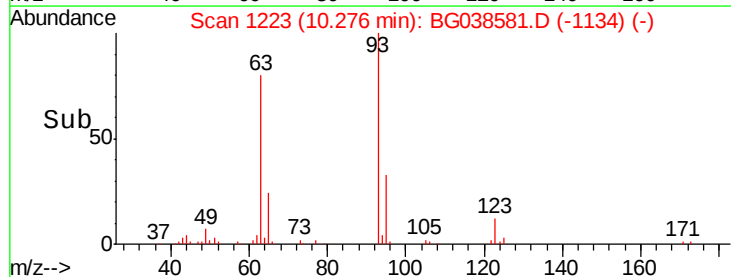
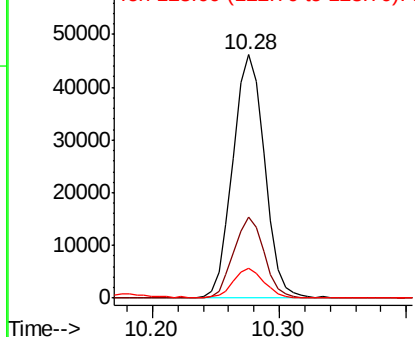


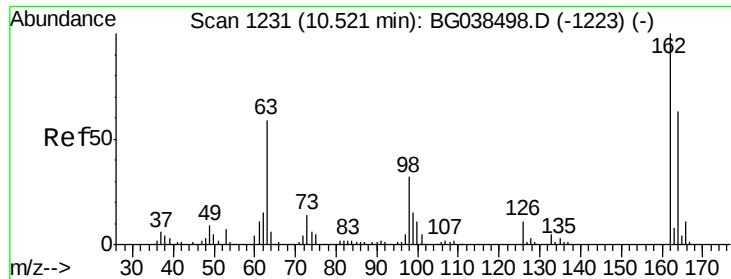
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.252 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion: 93 Resp: 80075
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.6 40.0
 123 12.5 10.6 16.0



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

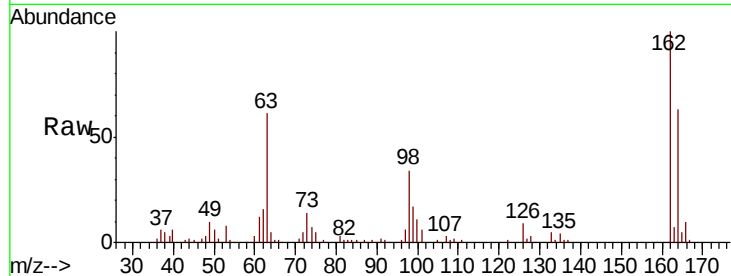




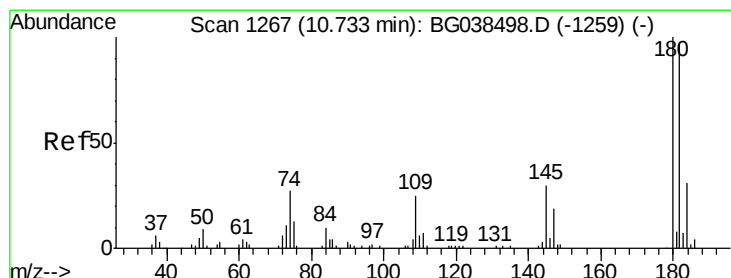
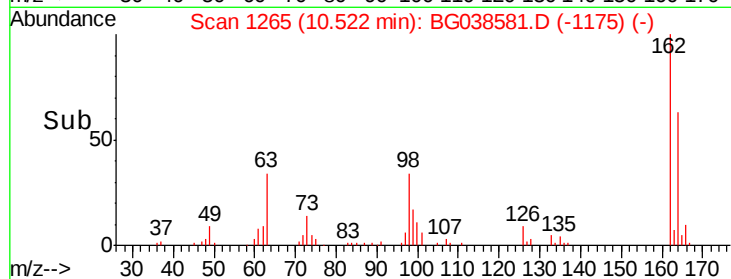
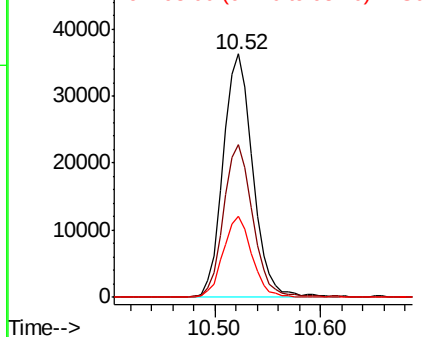
#29
 2,4-Dichlorophenol
 Concen: 45.592 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion:162 Resp: 70350
 Ion Ratio Lower Upper
 162 100
 164 62.6 42.9 82.9
 98 33.5 12.1 52.1

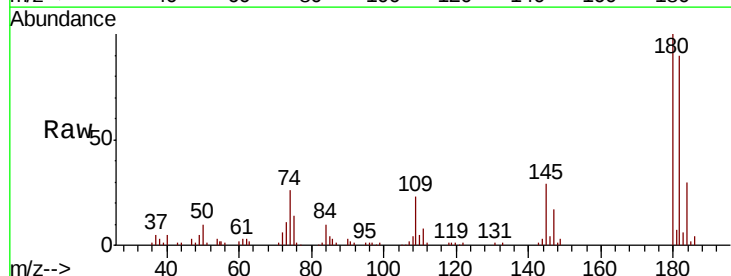


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

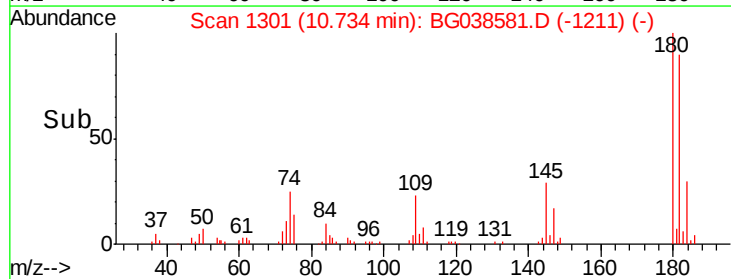
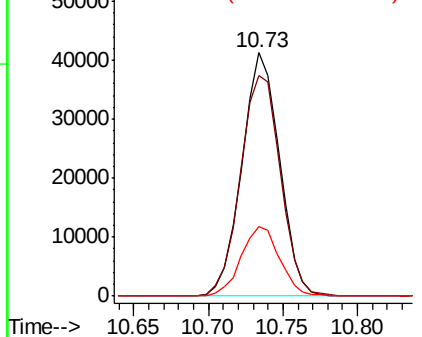


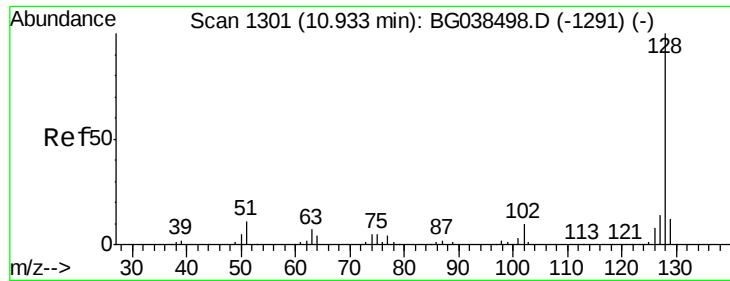
#30
 1,2,4-Trichlorobenzene
 Concen: 38.588 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:180 Resp: 71921
 Ion Ratio Lower Upper
 180 100
 182 90.5 77.4 116.0
 145 28.7 24.1 36.1



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

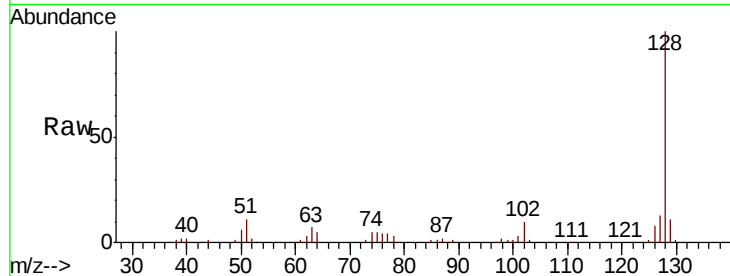




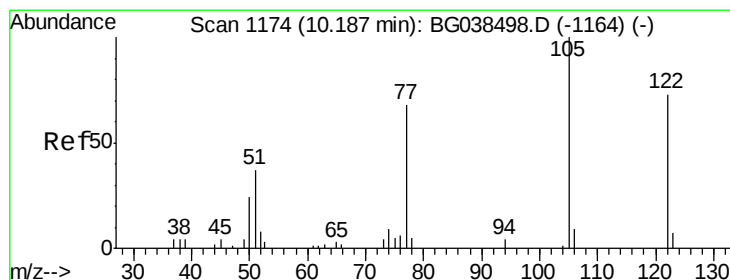
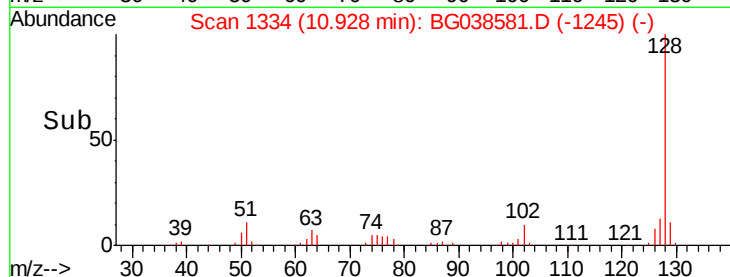
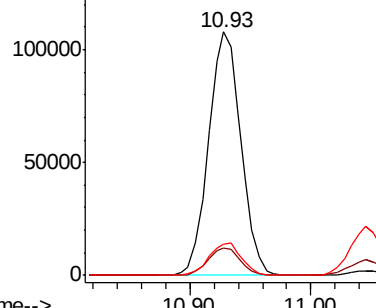
#31
Naphthalene
Concen: 42.609 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion:128 Resp: 200466
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 12.9 10.9 16.3

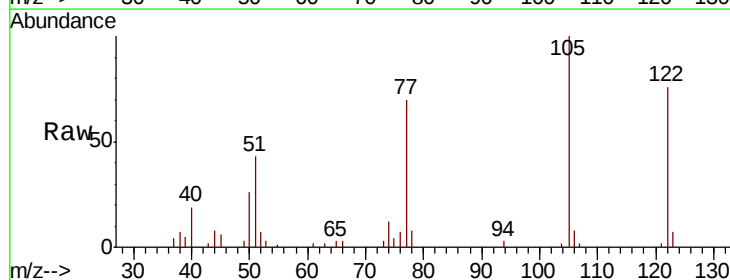


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

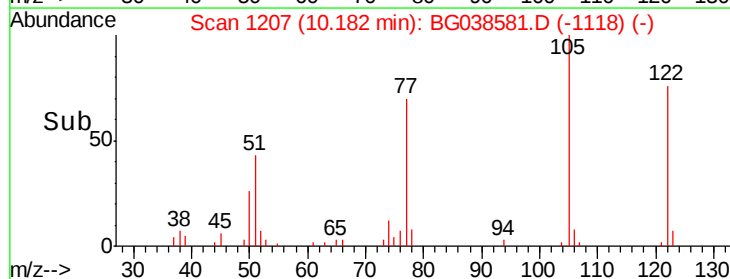
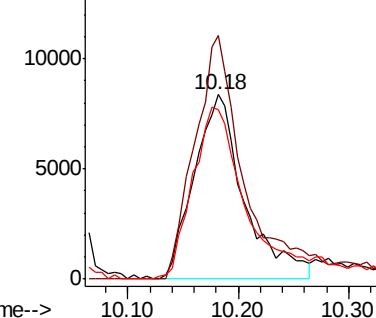


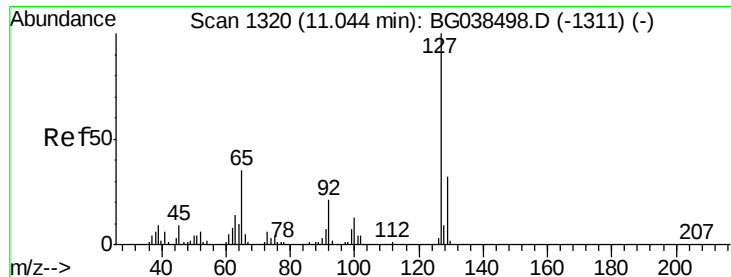
#32
Benzoic acid
Concen: 33.895 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:122 Resp: 26523
Ion Ratio Lower Upper
122 100
105 132.1 116.7 156.7
77 92.1 72.5 112.5



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

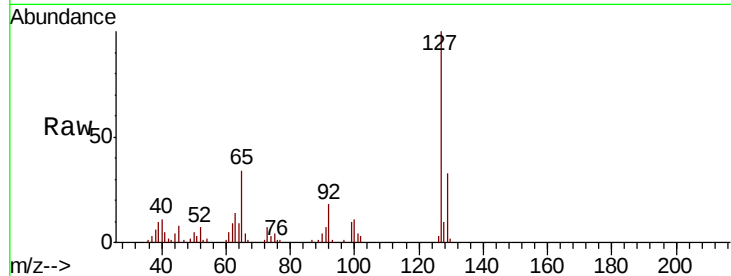




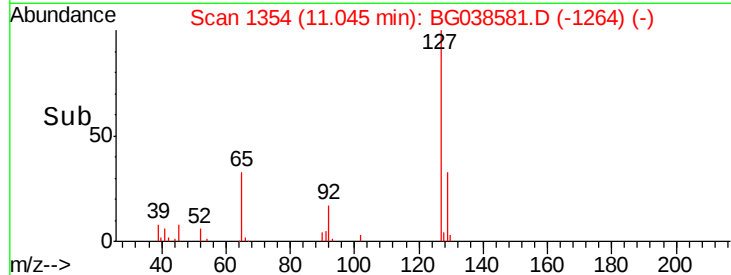
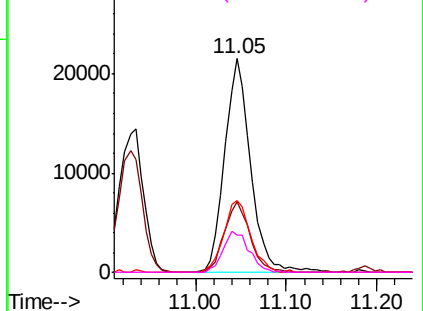
#33
4-Chloroaniline
Concen: 20.930 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion:	127	Resp:	42752
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.8	38.8
65	33.7	27.8	41.6
92	17.5	17.0	25.6

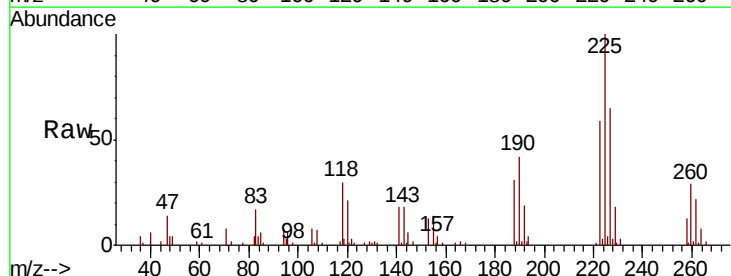


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

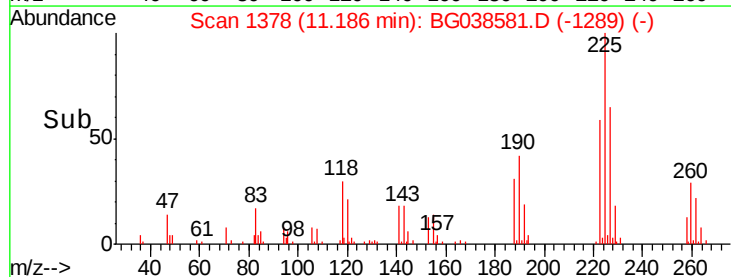
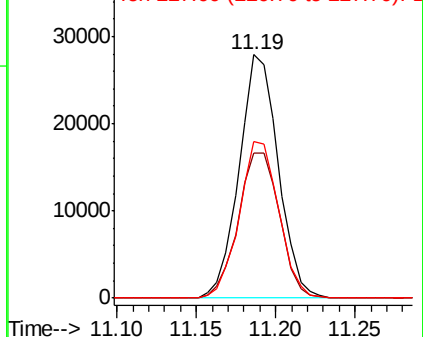


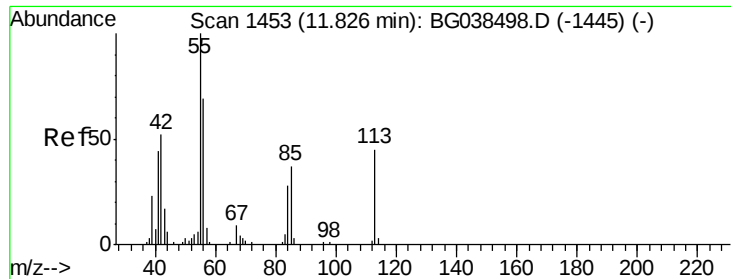
#34
Hexachlorobutadiene
Concen: 37.877 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:	225	Resp:	47769
Ion	Ratio	Lower	Upper
225	100		
223	59.4	45.0	67.6
227	64.9	50.6	75.8



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





#35

Caprolactam

Concen: 18.980 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

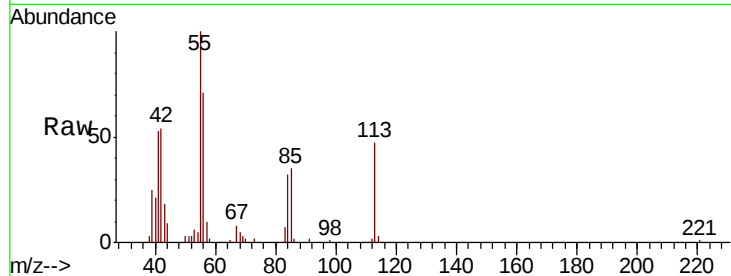
Tgt Ion:113 Resp: 12120

Ion Ratio Lower Upper

113 100

55 213.2 204.3 244.3

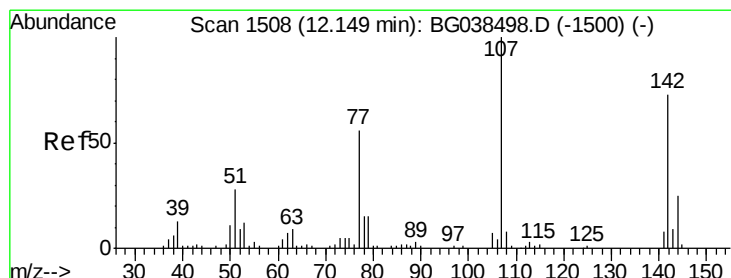
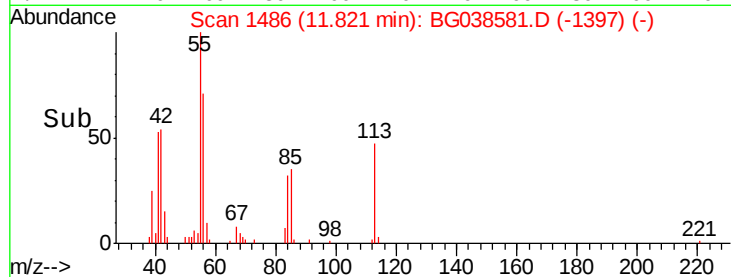
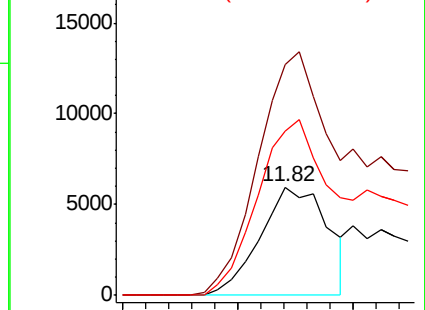
56 151.6 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.838 ng

RT: 12.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

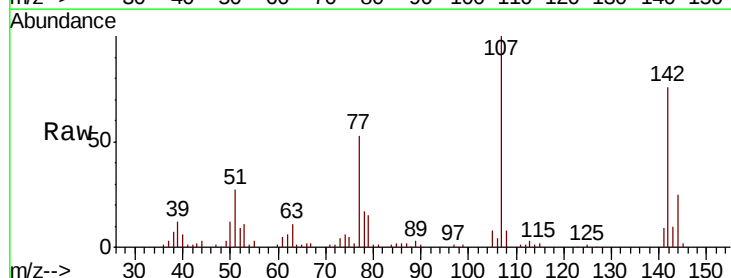
Tgt Ion:107 Resp: 71909

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

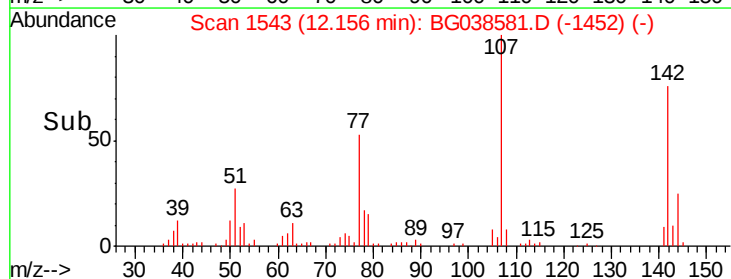
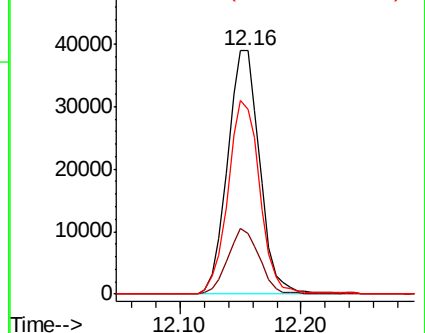
142 75.8 58.7 88.1

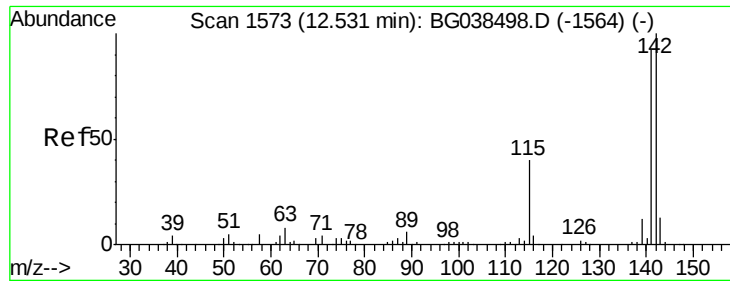


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

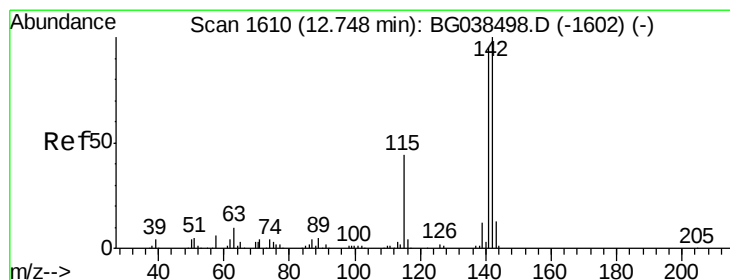
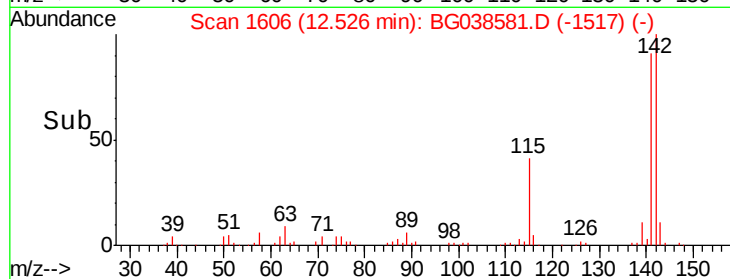
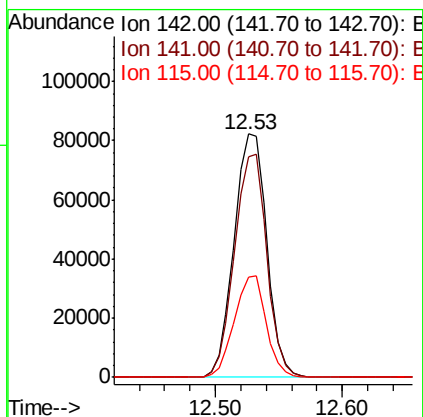
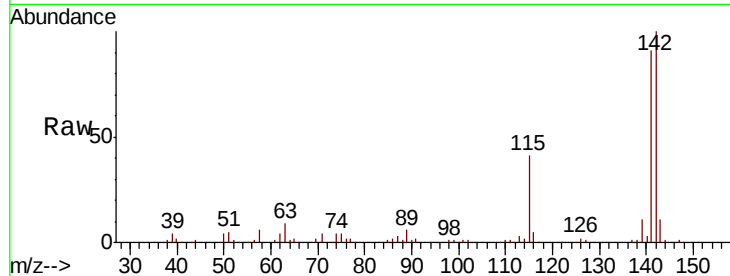




#37
2-Methylnaphthalene
Concen: 43.760 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

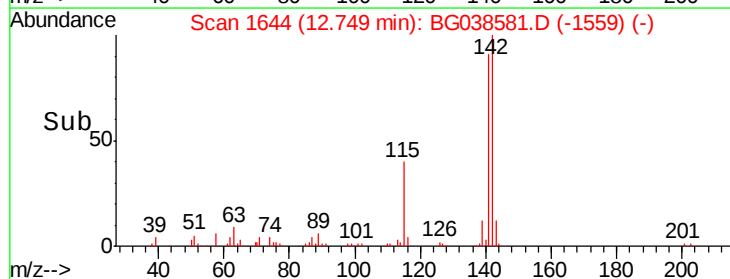
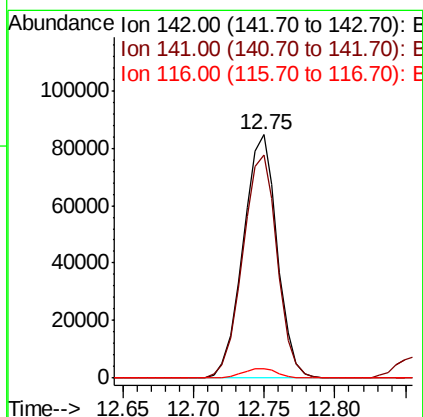
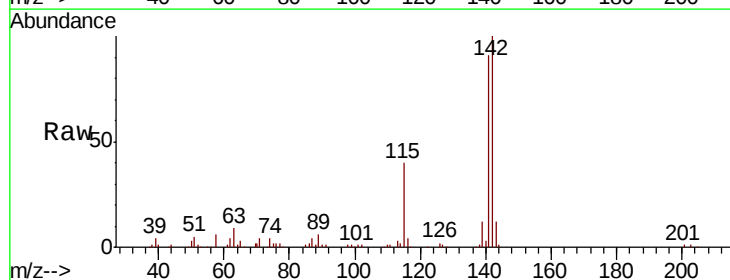
Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion:142 Resp: 146881
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
115 41.4 31.7 47.5



#38
1-Methylnaphthalene
Concen: 43.784 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:142 Resp: 142607
Ion Ratio Lower Upper
142 100
141 91.4 75.8 113.8
116 3.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

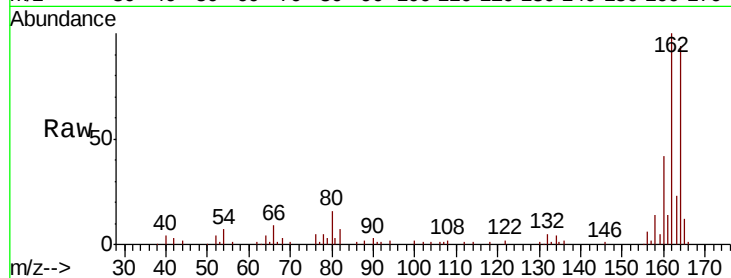
Tgt Ion:164 Resp: 62099

Ion Ratio Lower Upper

164 100

162 106.1 86.6 130.0

160 44.2 34.2 51.2

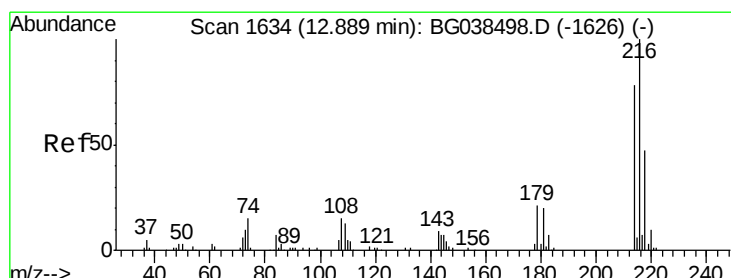
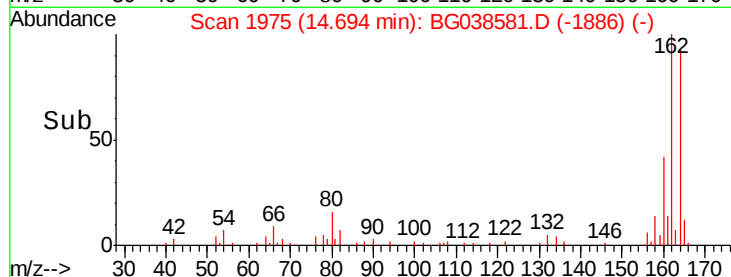
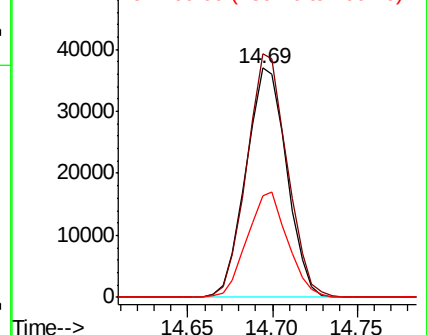


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.589 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:216 Resp: 87252

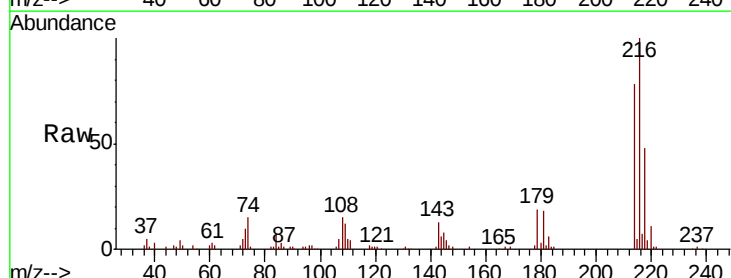
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 20.1 16.4 24.6

108 18.5 13.9 20.9



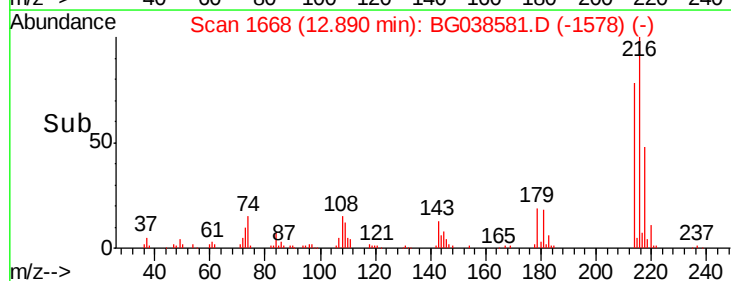
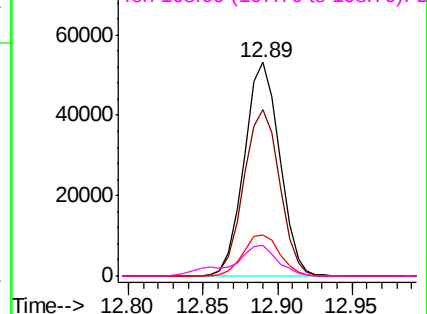
Abundance

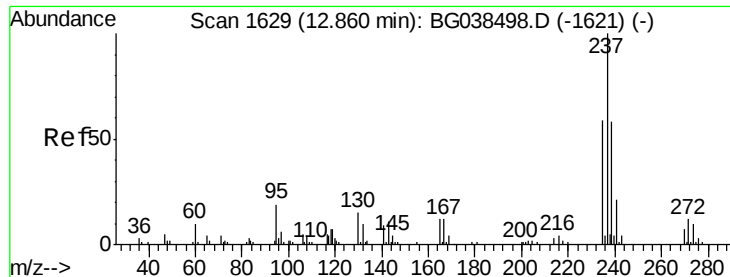
Ion 216.00 (215.70 to 216.70): E

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: 92.313 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

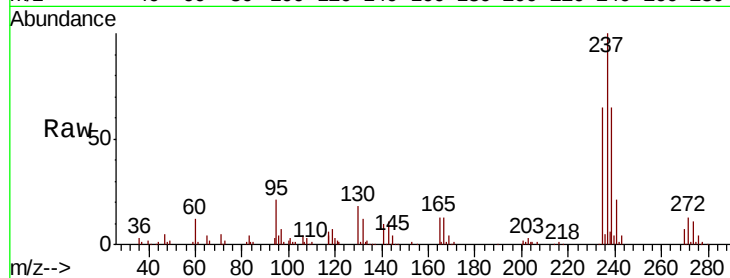
Tgt Ion: 237 Resp: 117725

Ion Ratio Lower Upper

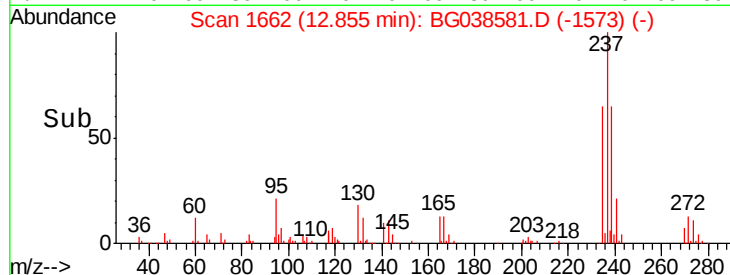
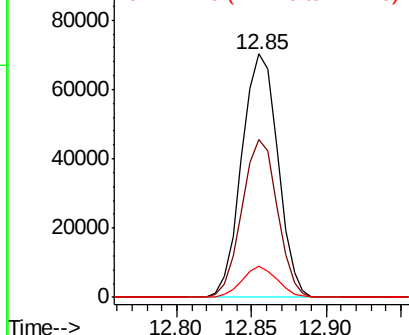
237 100

235 65.1 38.8 78.8

272 12.8 0.0 32.0



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



#42

2,4,6-Tribromophenol

Concen: 127.647 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

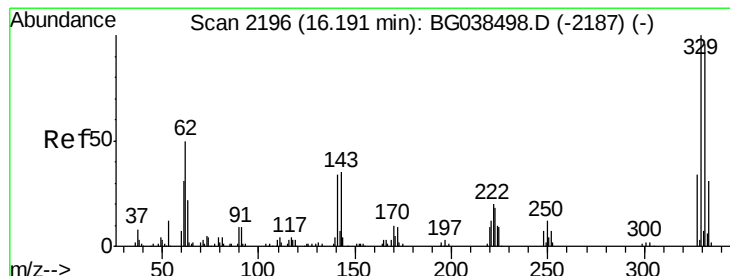
Tgt Ion: 330 Resp: 109245

Ion Ratio Lower Upper

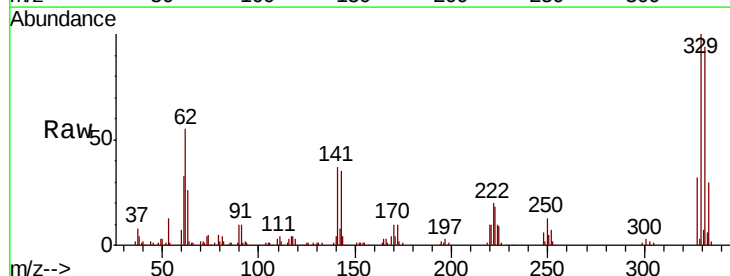
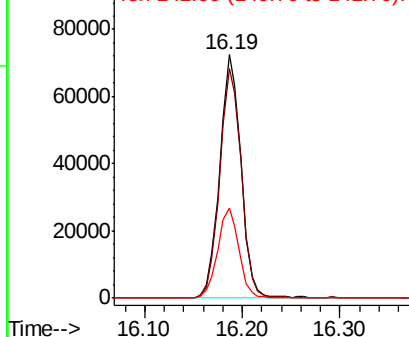
330 100

332 95.5 76.9 115.3

141 36.9 28.8 43.2



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

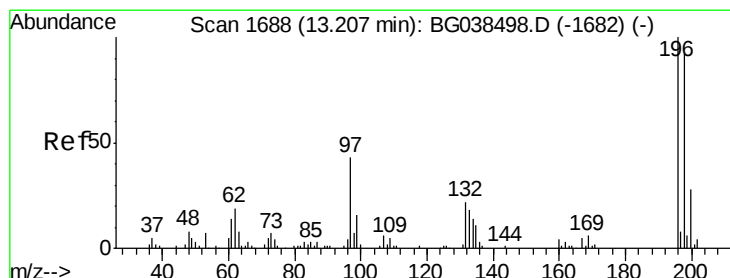
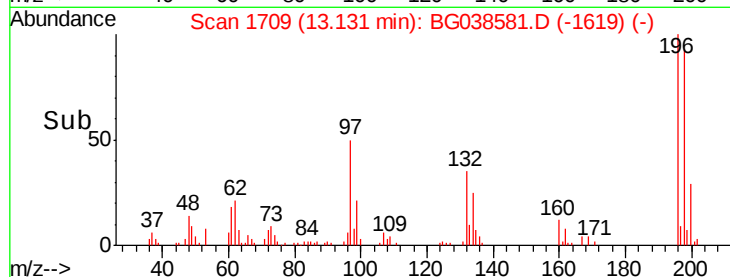
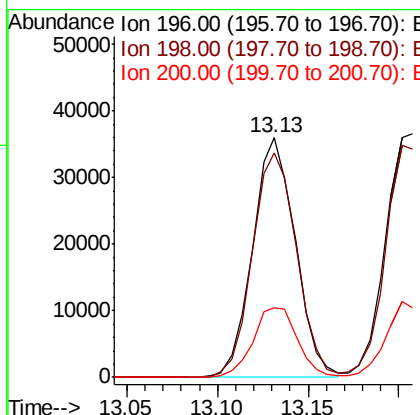
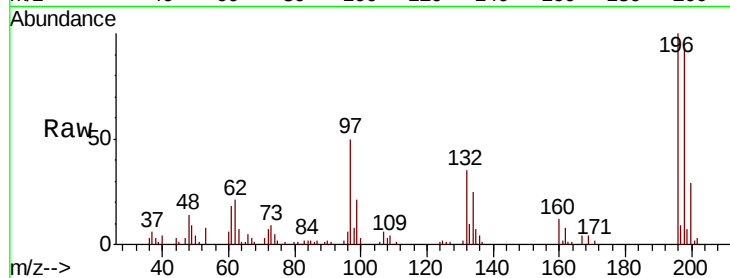




#43
 2,4,6-Trichlorophenol
 Concen: 41.336 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

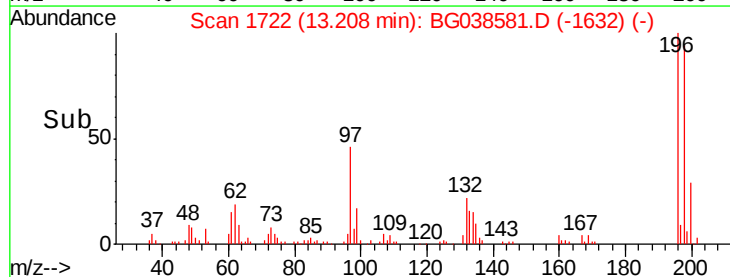
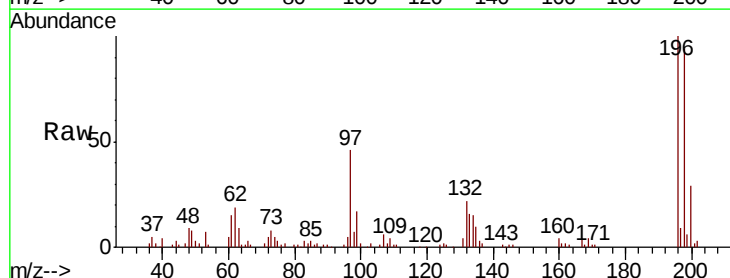
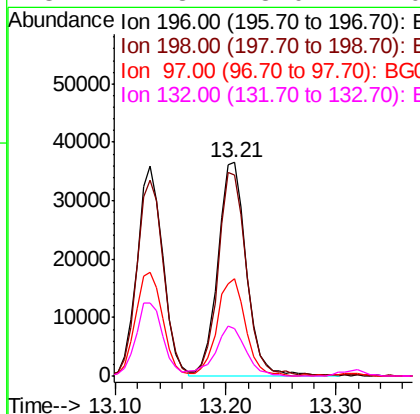
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

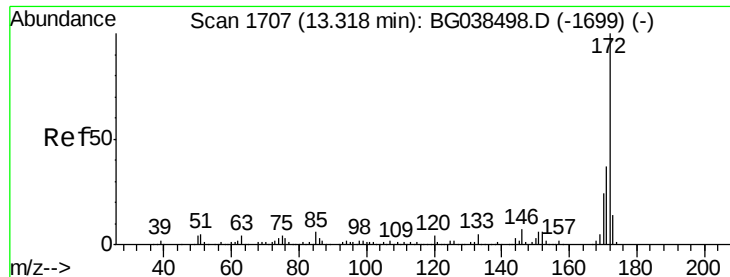
Tgt Ion:196 Resp: 58996
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.0 112.4
 200 28.8 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.623 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:196 Resp: 65920
 Ion Ratio Lower Upper
 196 100
 198 93.9 74.0 111.0
 97 45.7 35.1 52.7
 132 22.3 18.0 27.0

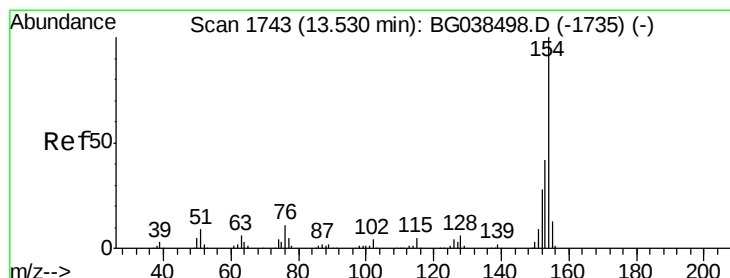
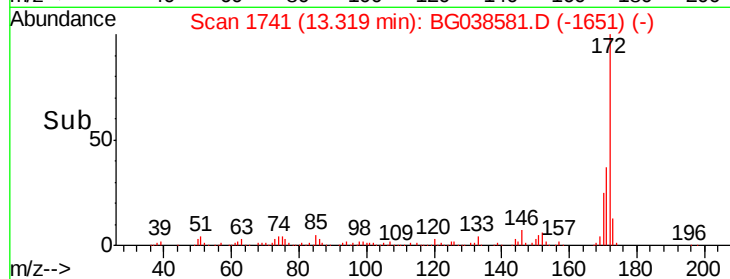
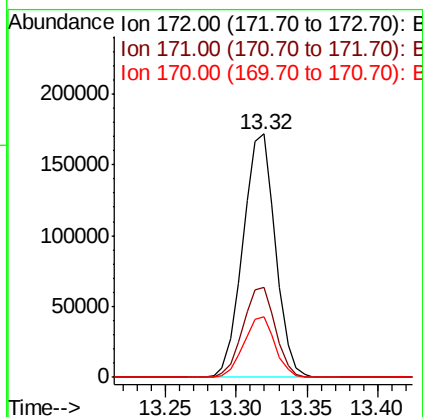
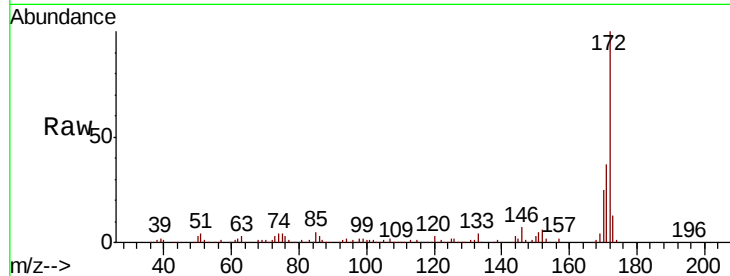




#45
 2-Fluorobiphenyl
 Concen: 60.908 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

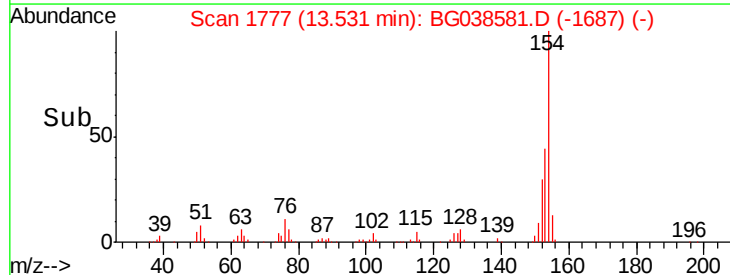
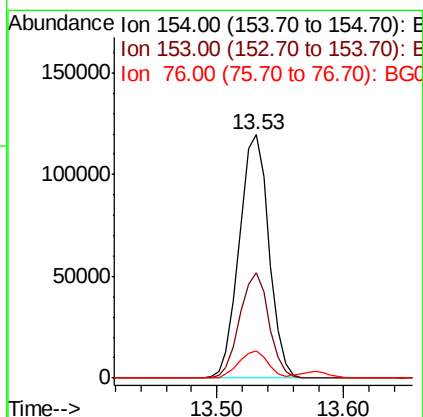
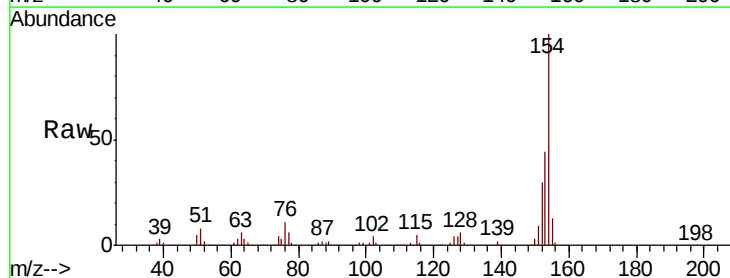
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

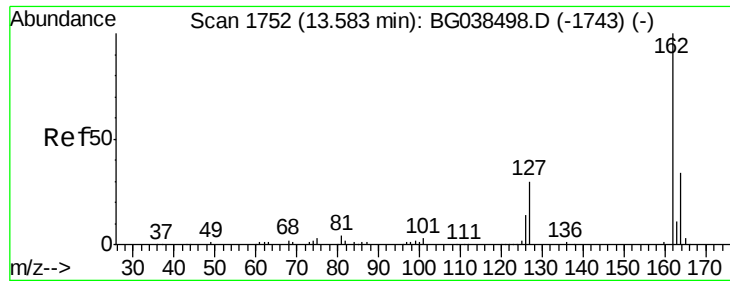
Tgt Ion:172 Resp: 275708
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 24.8 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 37.236 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:154 Resp: 193849
 Ion Ratio Lower Upper
 154 100
 153 43.5 22.1 62.1
 76 11.1 0.0 31.2

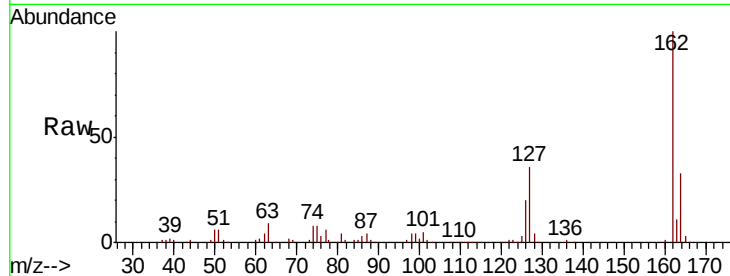




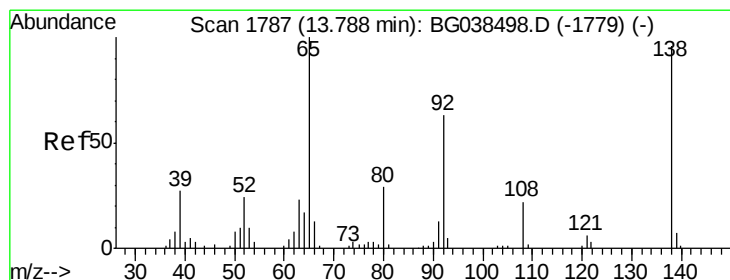
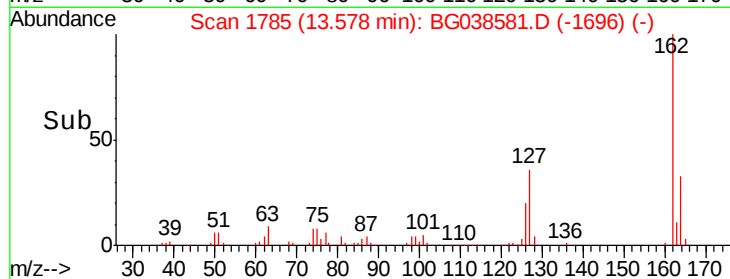
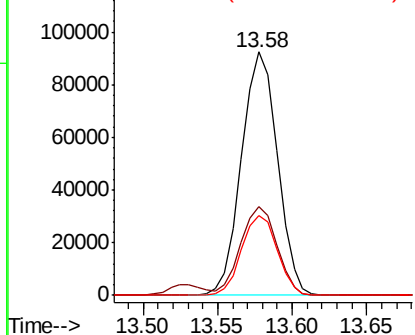
#47
 2-Chloronaphthalene
 Concen: 38.407 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion: 162 Resp: 154445
 Ion Ratio Lower Upper
 162 100
 127 36.2 27.8 41.8
 164 32.9 26.9 40.3

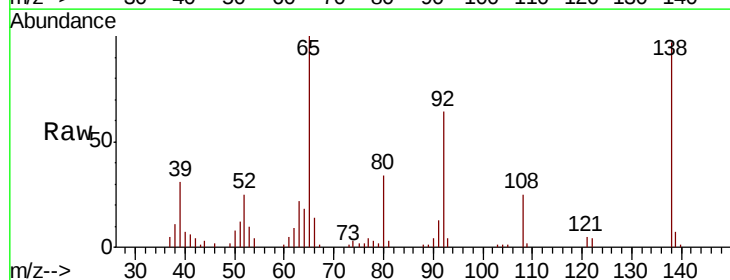


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

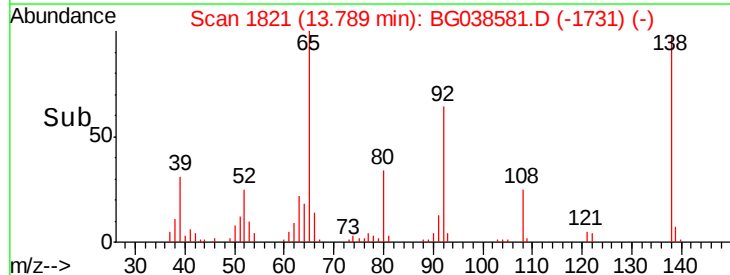
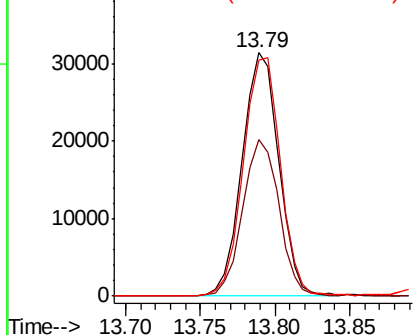


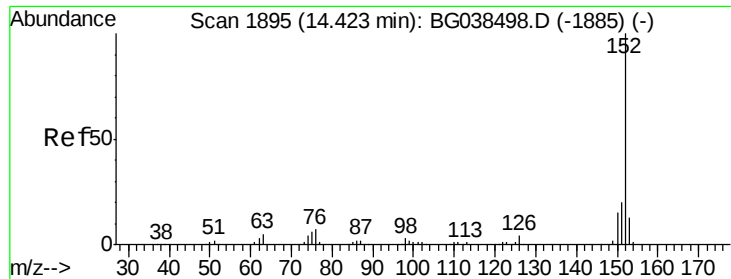
#48
 2-Nitroaniline
 Concen: 41.623 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion: 65 Resp: 53314
 Ion Ratio Lower Upper
 65 100
 92 64.2 50.0 75.0
 138 96.8 76.9 115.3



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





#49

Acenaphthylene

Concen: 42.565 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

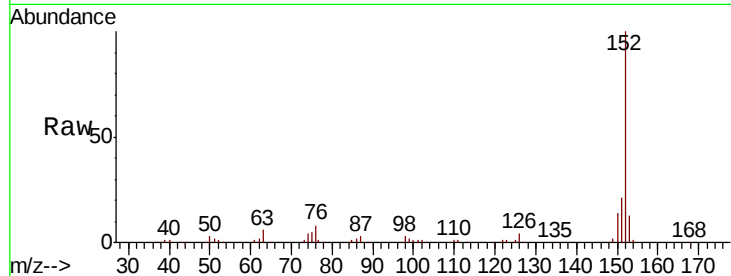
Tgt Ion:152 Resp: 255887

Ion Ratio Lower Upper

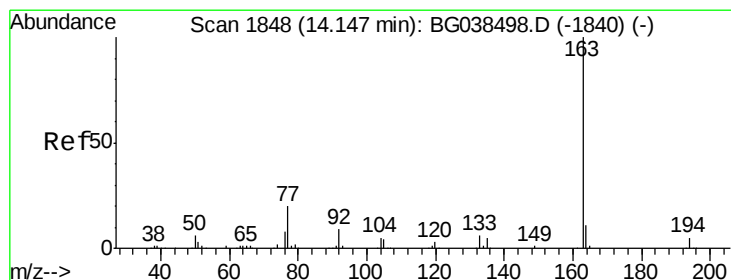
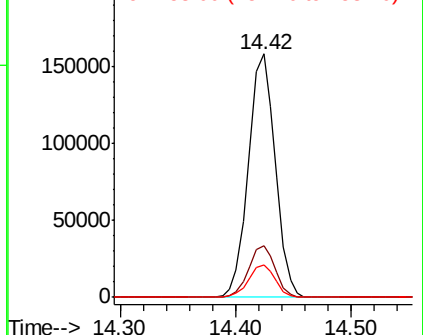
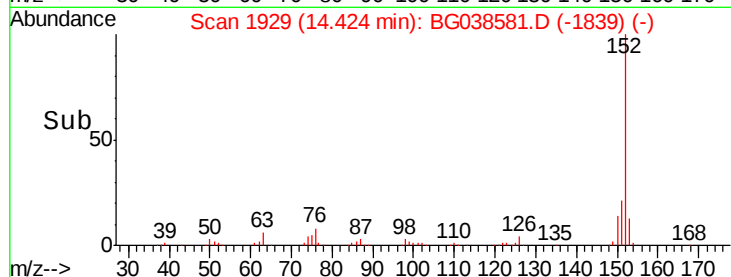
152 100

151 21.1 16.4 24.6

153 13.2 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.317 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

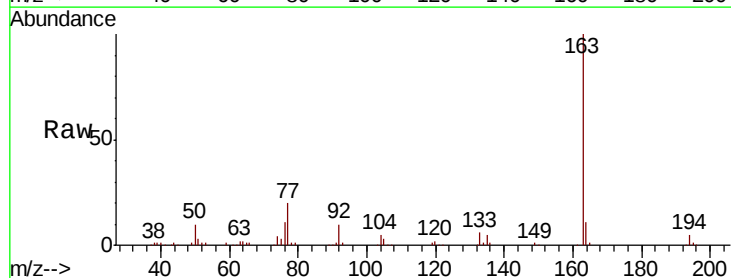
Tgt Ion:163 Resp: 209528

Ion Ratio Lower Upper

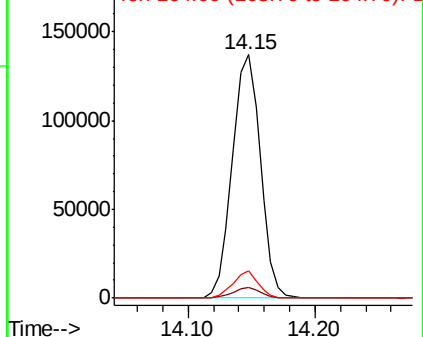
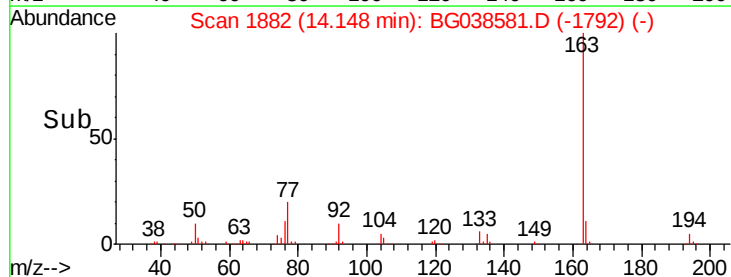
163 100

194 4.6 3.7 5.5

164 11.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

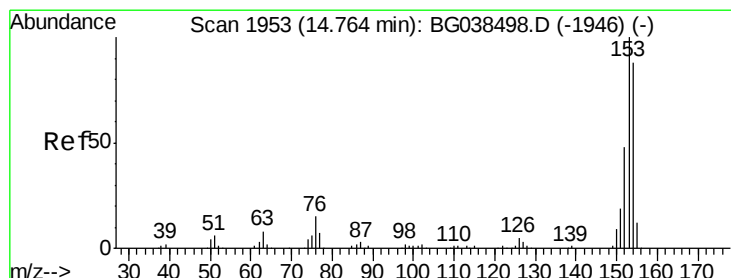
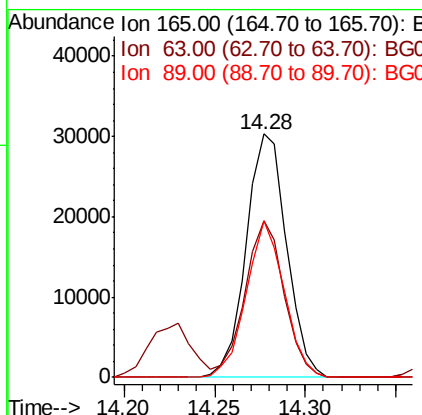
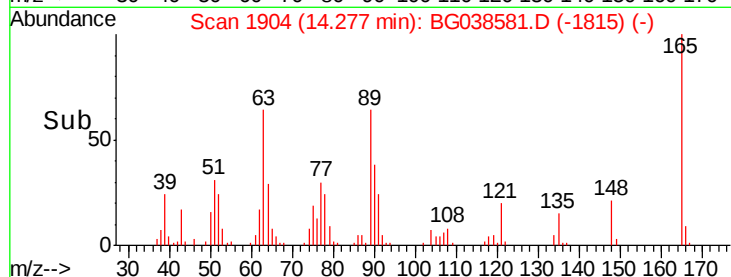
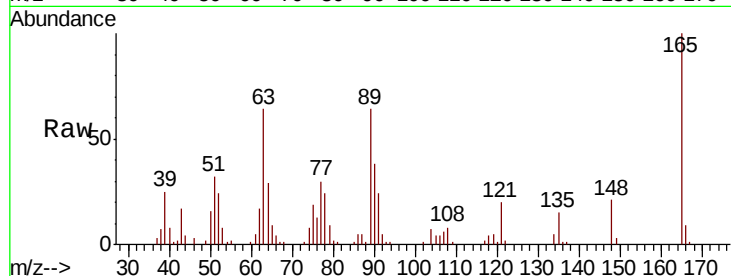




#51
 2,6-Dinitrotoluene
 Concen: 40.760 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

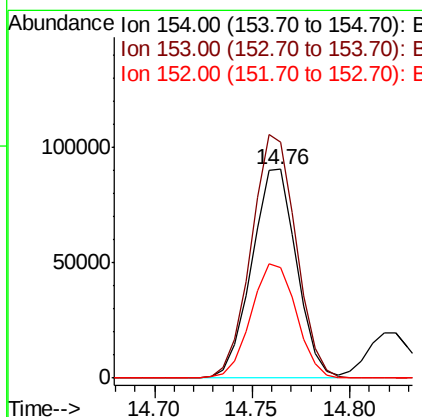
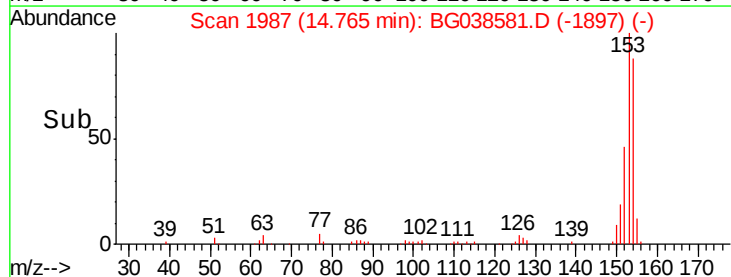
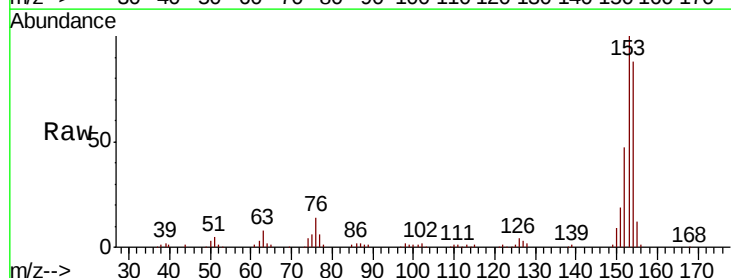
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion:165 Resp: 46842
 Ion Ratio Lower Upper
 165 100
 63 64.5 51.8 77.6
 89 64.4 47.9 71.9



#52
 Acenaphthene
 Concen: 40.130 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:154 Resp: 144257
 Ion Ratio Lower Upper
 154 100
 153 113.2 90.6 136.0
 152 52.7 43.5 65.3

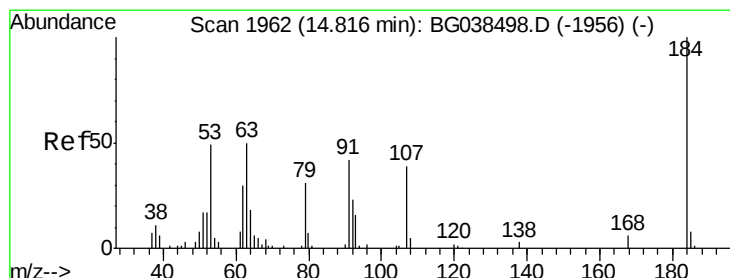
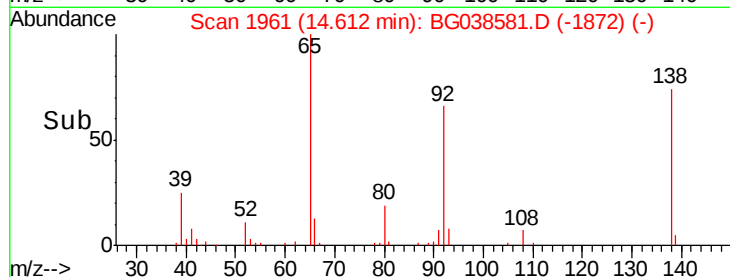
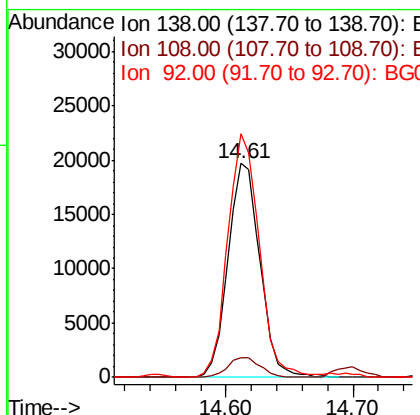
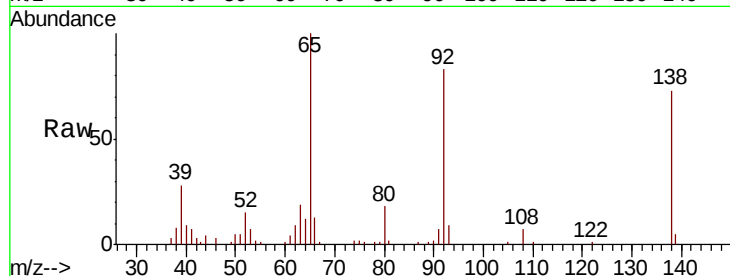




#53
 3-Nitroaniline
 Concen: 29.123 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

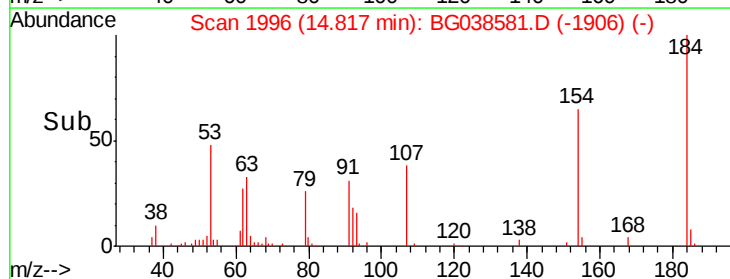
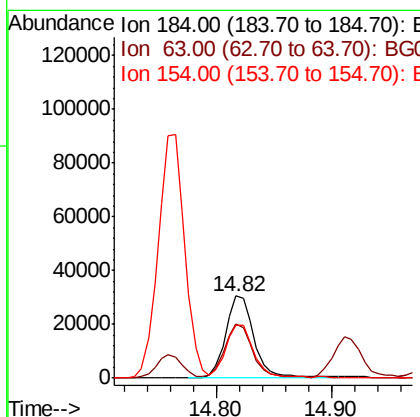
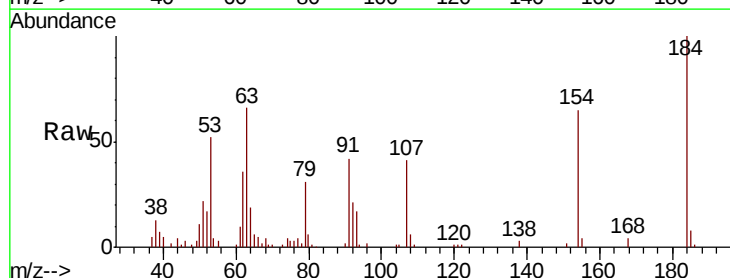
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

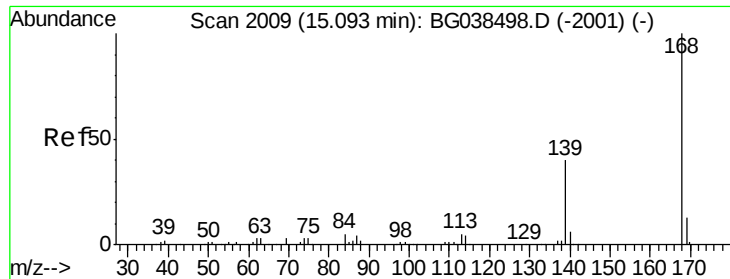
Tgt Ion:138 Resp: 34118
 Ion Ratio Lower Upper
 138 100
 108 9.1 7.9 11.9
 92 114.0 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 76.810 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:184 Resp: 52371
 Ion Ratio Lower Upper
 184 100
 63 66.2 47.0 70.6
 154 64.9 50.3 75.5

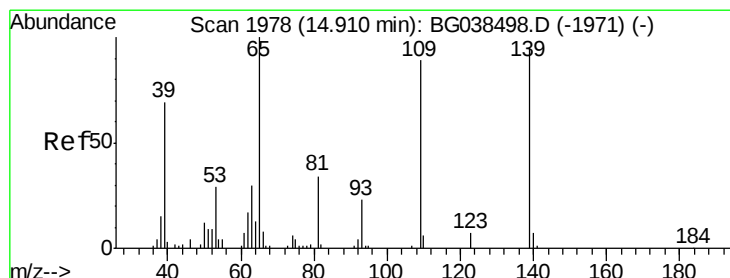
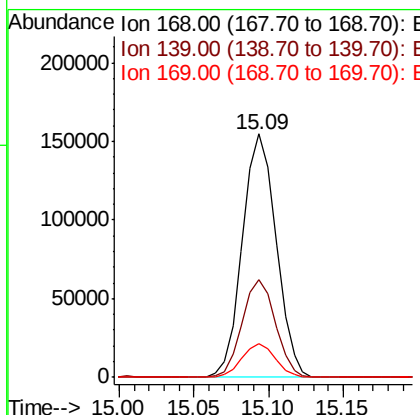
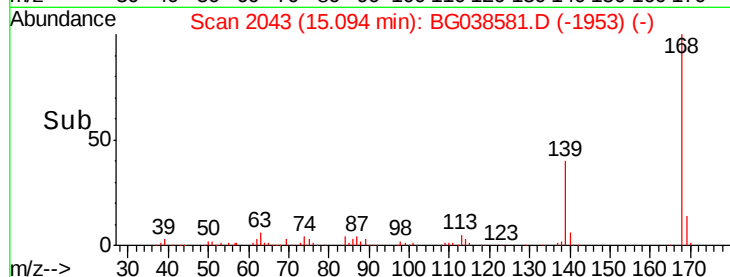
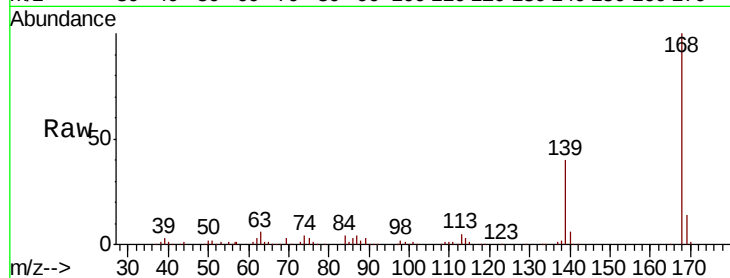




#55
Dibenzenofuran
Concen: 39.327 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

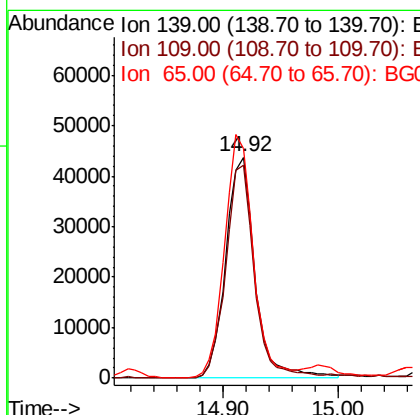
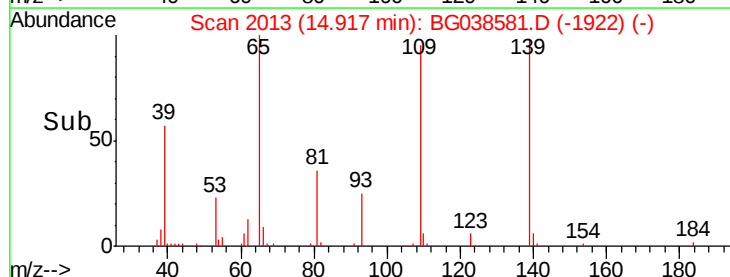
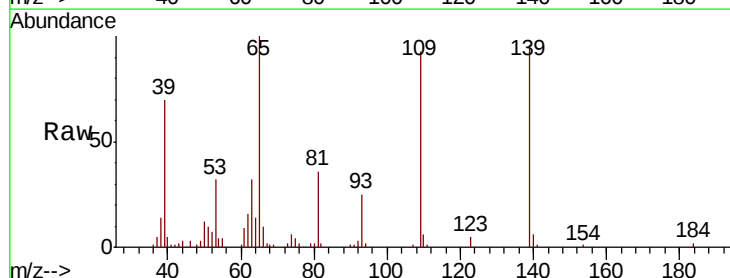
Instrument :
BNA_G
ClientSampleId :
PB115428BSD

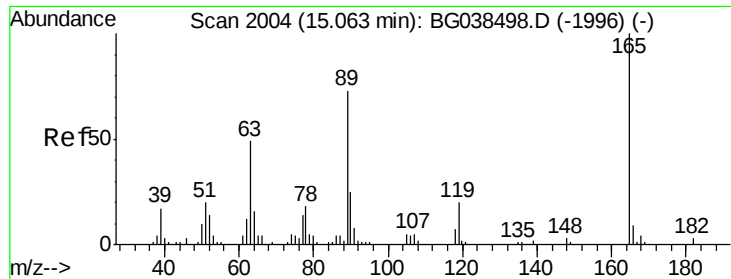
Tgt Ion:	168	Resp:	242335
Ion	Ratio	Lower	Upper
168	100		
139	40.3	32.2	48.2
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 86.667 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:	139	Resp:	77023
Ion	Ratio	Lower	Upper
139	100		
109	96.3	73.6	113.6
65	103.7	84.8	124.8

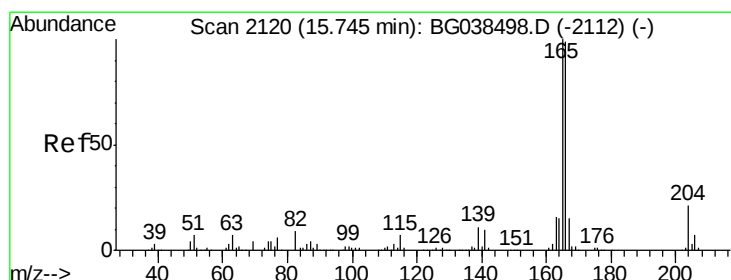
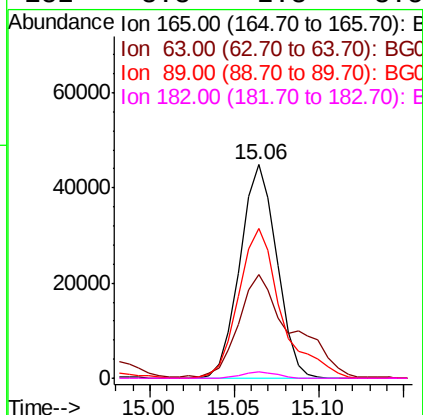
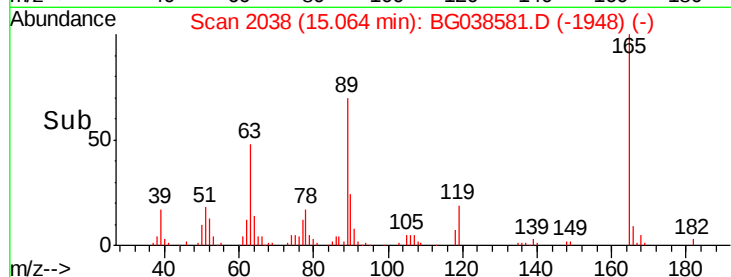
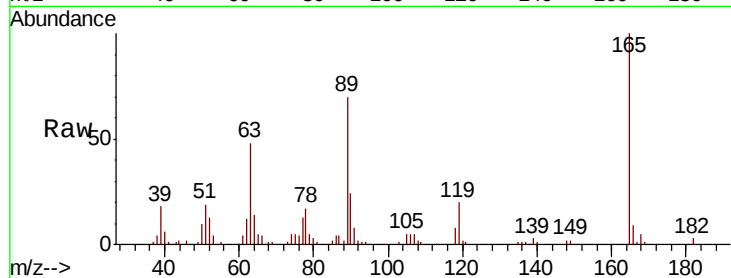




#57
2,4-Dinitrotoluene
Concen: 42.097 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

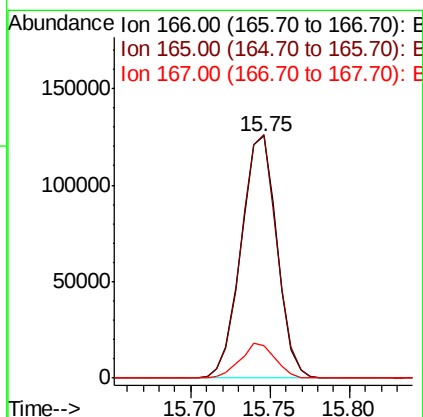
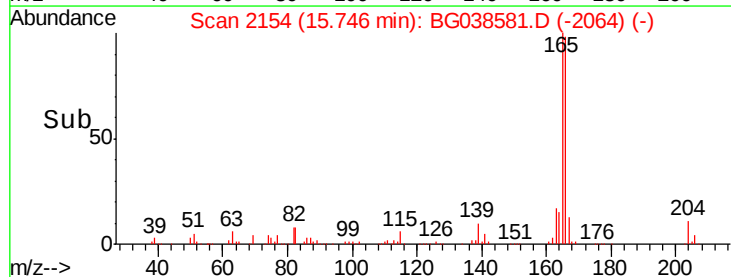
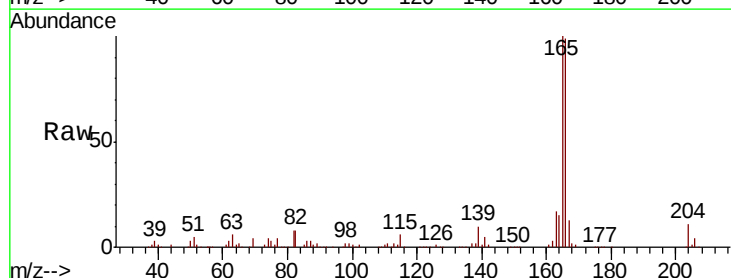
Instrument :
BNA_G
ClientSampleId :
PB115428BSD

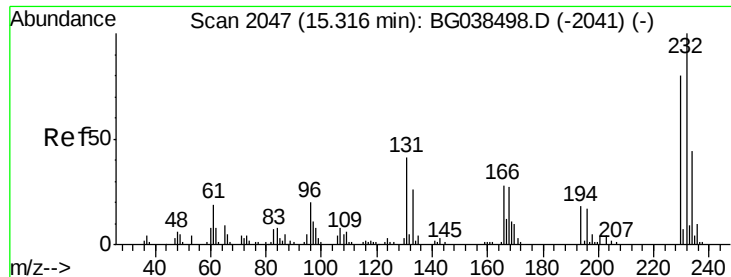
Tgt Ion:165 Resp: 68140
Ion Ratio Lower Upper
165 100
63 48.5 39.0 58.4
89 70.0 58.0 87.0
182 3.3 2.3 3.5



#58
Fluorene
Concen: 42.925 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:166 Resp: 195964
Ion Ratio Lower Upper
166 100
165 100.7 80.6 120.8
167 13.6 12.0 18.0

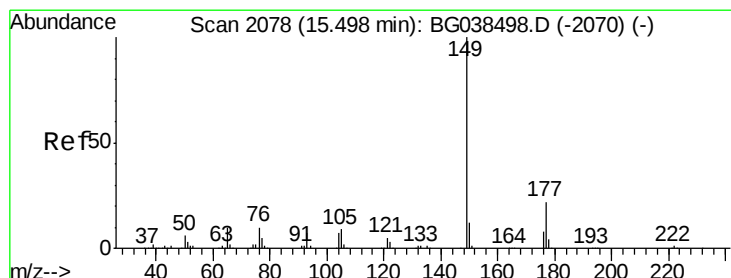
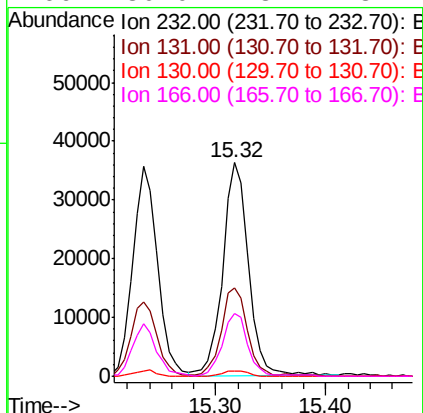
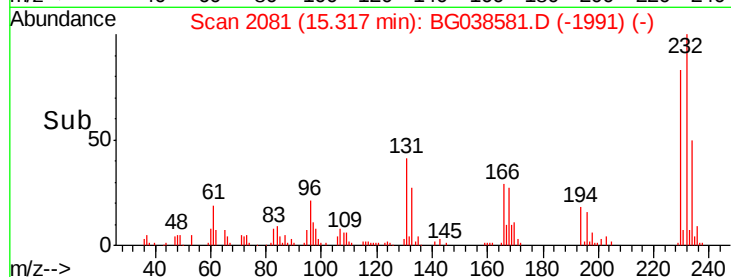
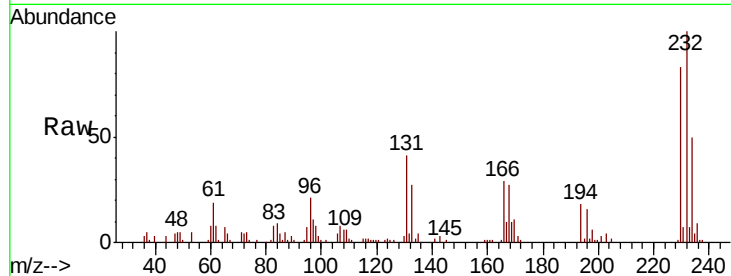




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.069 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

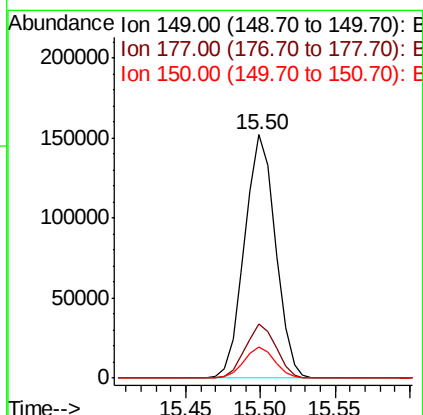
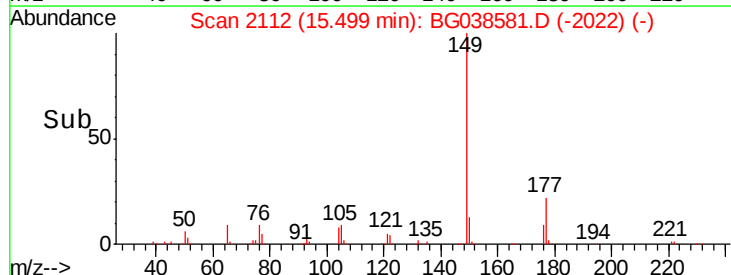
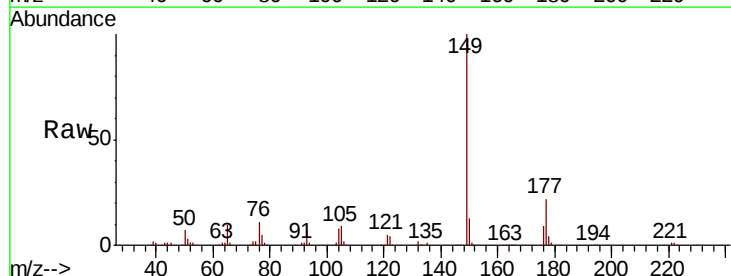
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion:232 Resp: 58554
 Ion Ratio Lower Upper
 232 100
 131 41.0 33.0 49.4
 130 2.6 2.0 3.0
 166 30.0 23.1 34.7



#60
 Diethylphthalate
 Concen: 39.112 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:149 Resp: 217741
 Ion Ratio Lower Upper
 149 100
 177 22.2 17.7 26.5
 150 12.6 9.9 14.9

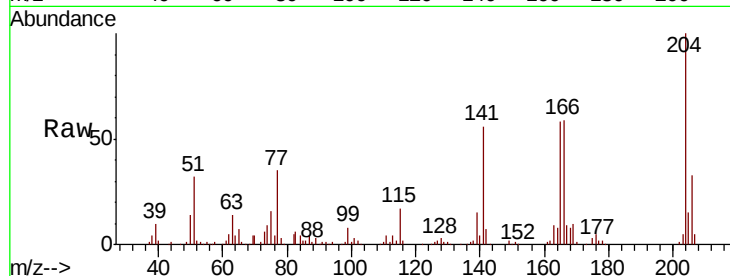




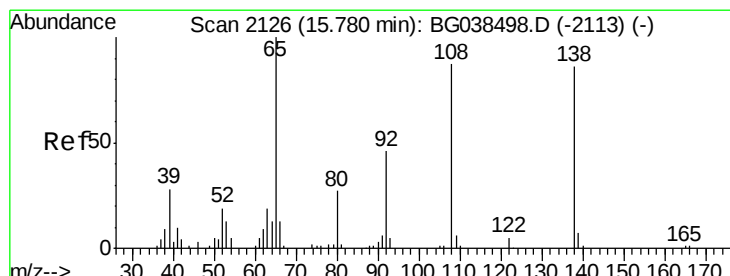
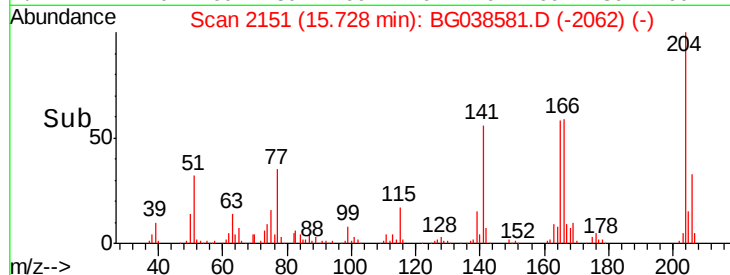
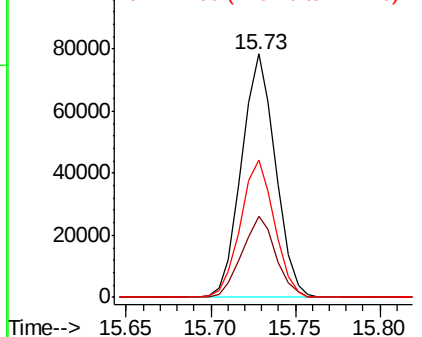
#61
 4-Chlorophenyl-phenylether
 Concen: 38.378 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	56.2	44.4	66.6

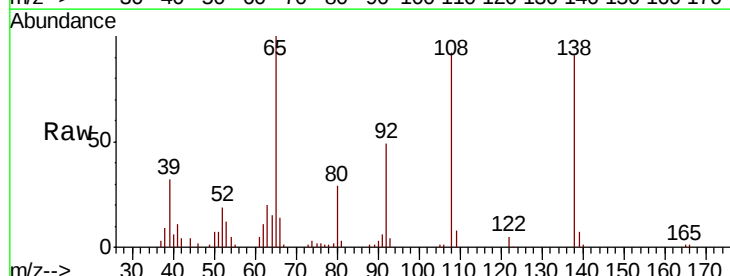


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

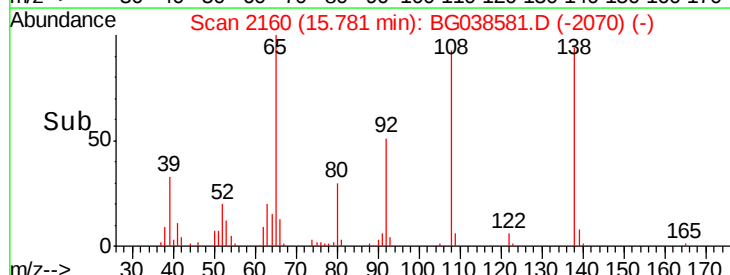
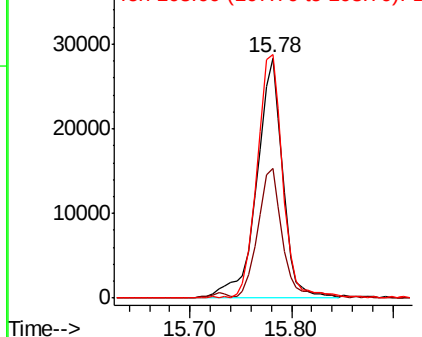


#62
 4-Nitroaniline
 Concen: 41.653 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.1	33.3	73.3
108	101.4	81.4	121.4



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

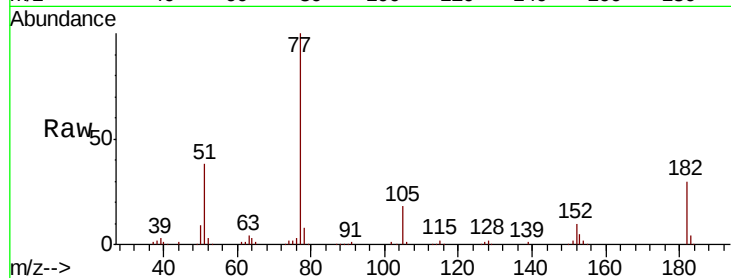




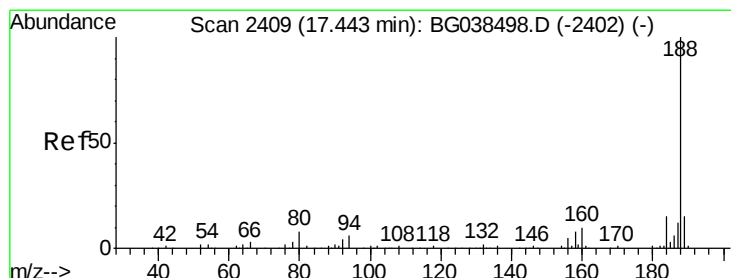
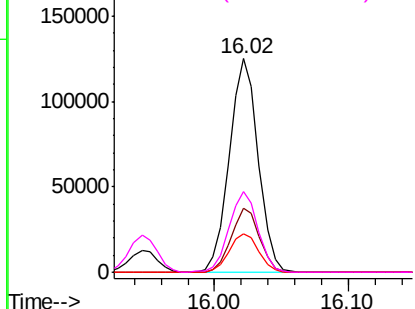
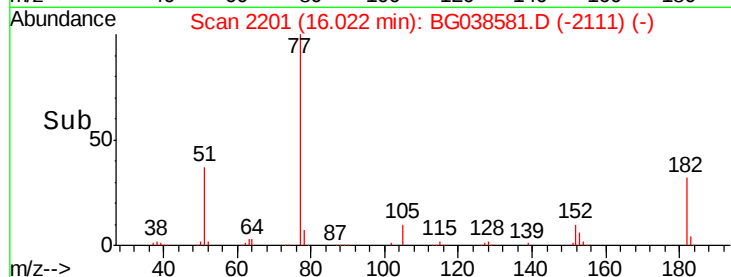
#63
Azobenzene
Concen: 40.559 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion: 77 Resp: 188625
Ion Ratio Lower Upper
77 100
182 29.9 8.7 48.7
105 17.9 0.0 38.7
51 38.0 16.6 56.6

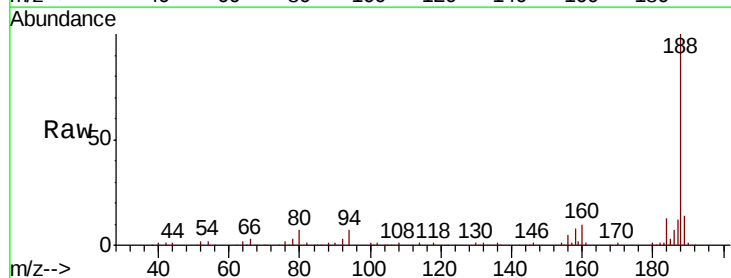


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

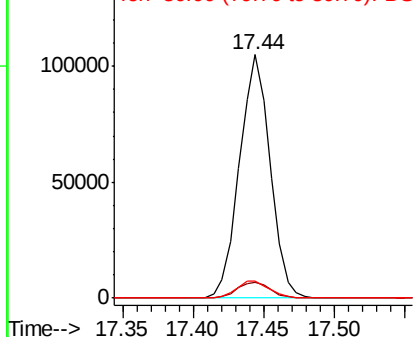
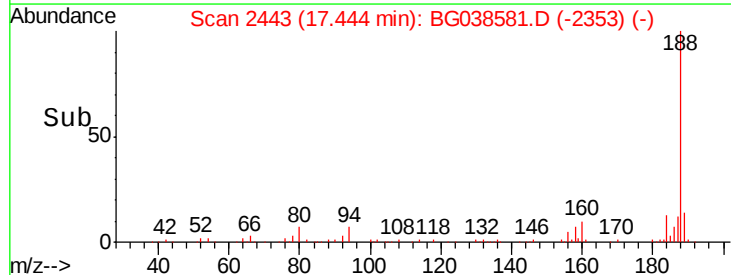


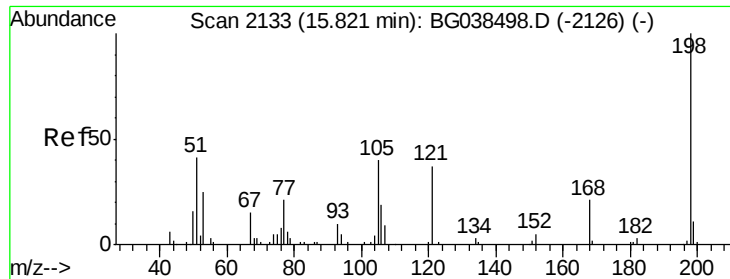
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion: 188 Resp: 159253
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 7.1 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

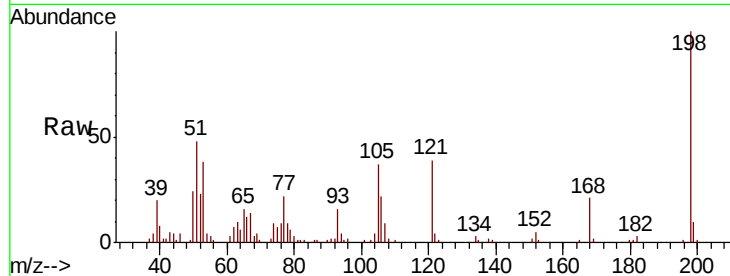




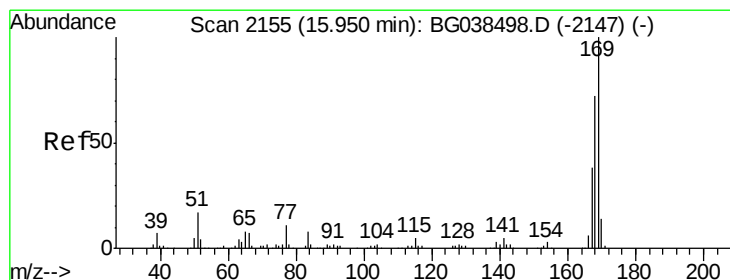
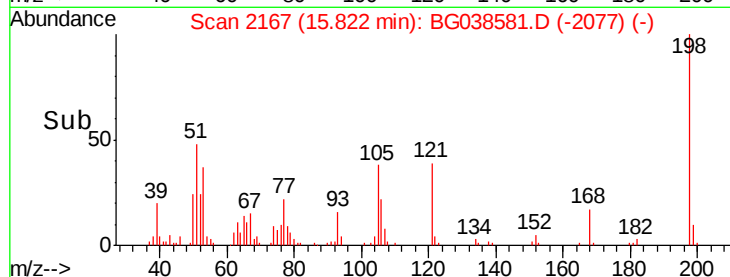
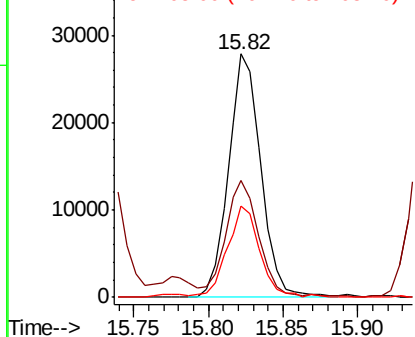
#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.105 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion:198 Resp: 42153
 Ion Ratio Lower Upper
 198 100
 51 47.8 28.6 68.6
 105 37.5 20.4 60.4

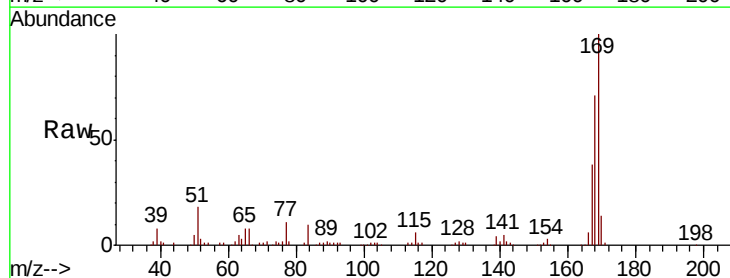


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

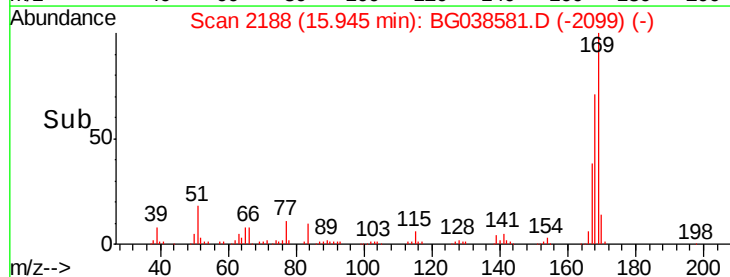
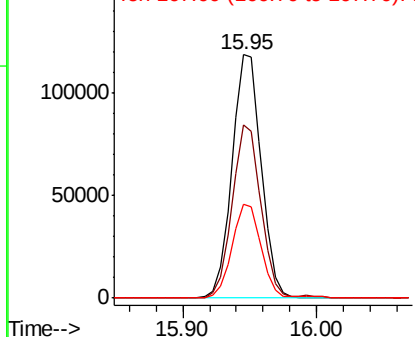


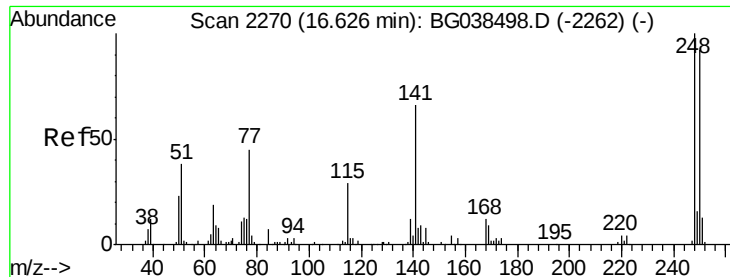
#66
 n-Nitrosodiphenylamine
 Concen: 38.600 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:169 Resp: 180617
 Ion Ratio Lower Upper
 169 100
 168 70.9 57.5 86.3
 167 38.4 30.2 45.2



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

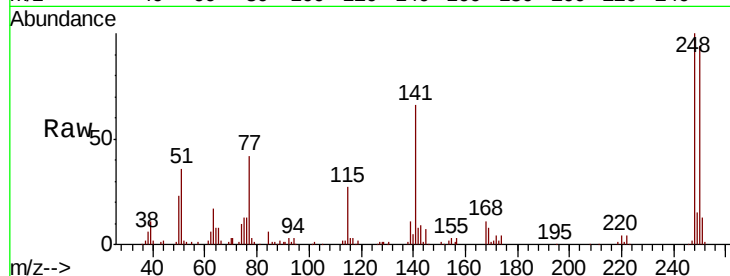




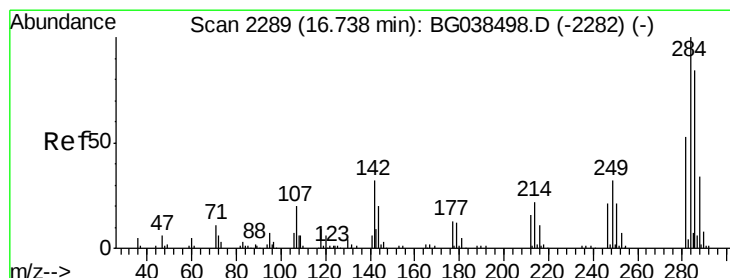
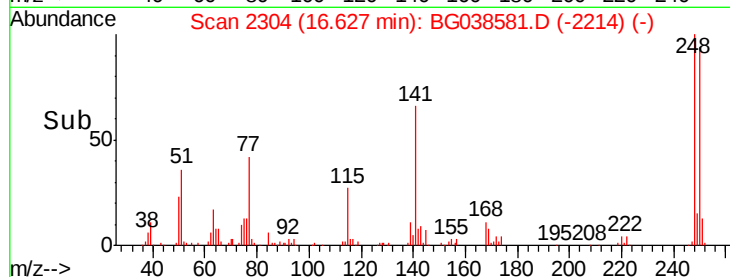
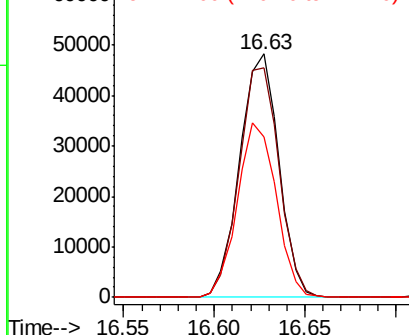
#67
4-Bromophenyl-phenylether
Concen: 37.118 ng
RT: 16.63 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion:248 Resp: 72193
Ion Ratio Lower Upper
248 100
250 94.4 73.4 110.2
141 66.1 52.9 79.3

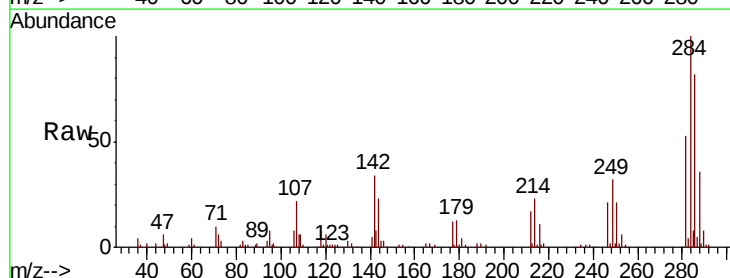


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

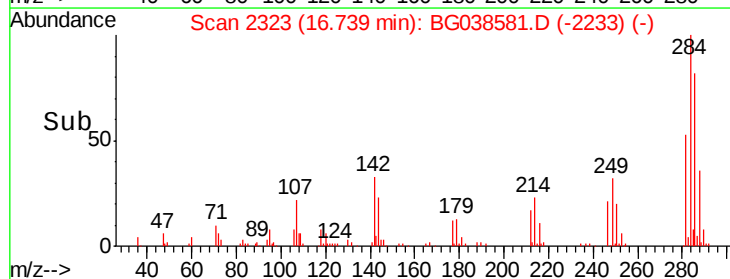
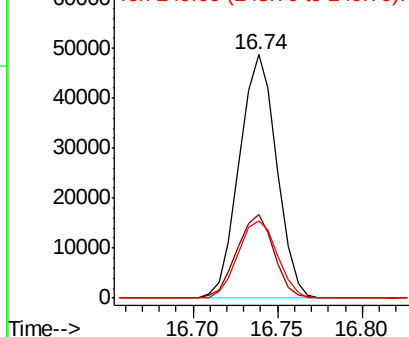


#68
Hexachlorobenzene
Concen: 37.110 ng
RT: 16.74 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:284 Resp: 74820
Ion Ratio Lower Upper
284 100
142 34.2 25.8 38.6
249 33.8 27.0 40.4



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





#69

Atrazine

Concen: 43.977 ng

RT: 16.89 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

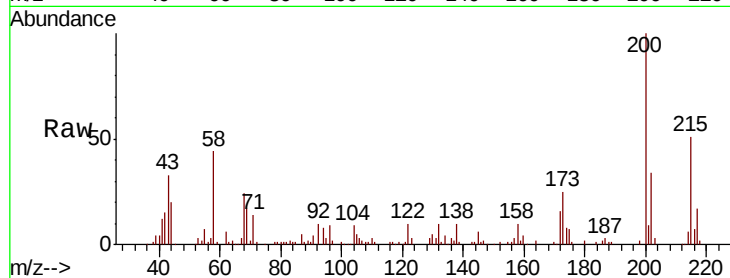
Tgt Ion:200 Resp: 76367

Ion Ratio Lower Upper

200 100

173 24.9 5.9 45.9

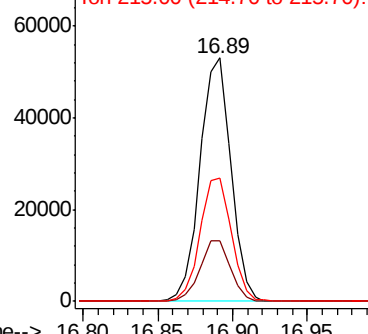
215 50.7 33.1 73.1



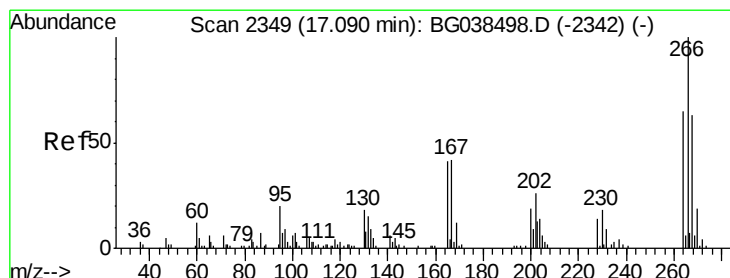
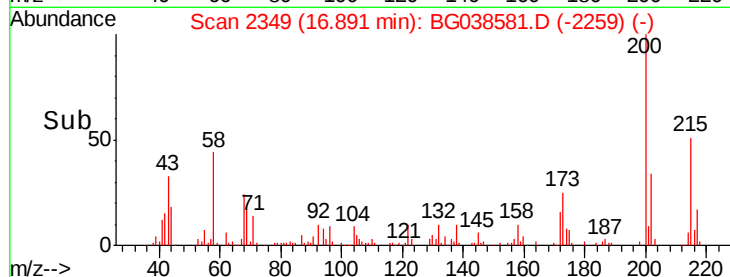
Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time--> 16.80 16.85 16.90 16.95



#70

Pentachlorophenol

Concen: 71.874 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

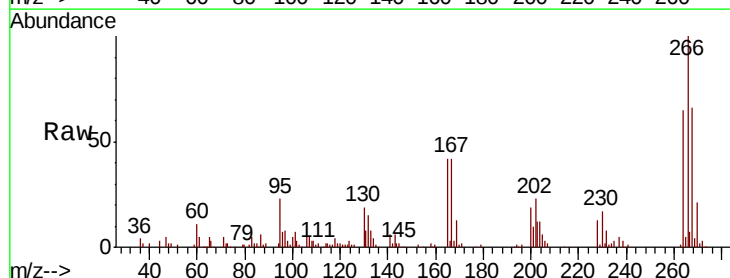
Tgt Ion:266 Resp: 85712

Ion Ratio Lower Upper

266 100

268 70.4 55.0 82.6

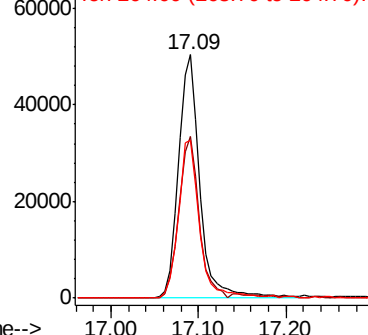
264 69.6 56.7 85.1



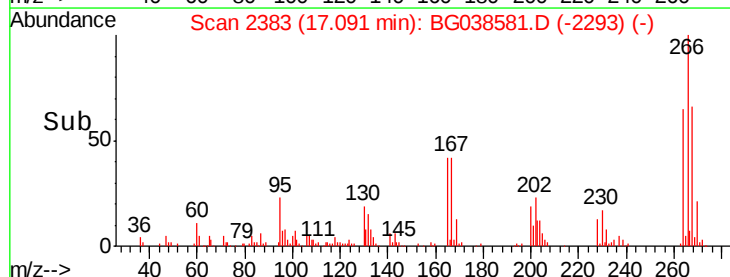
Abundance Ion 265.70 (265.40 to 266.40): E

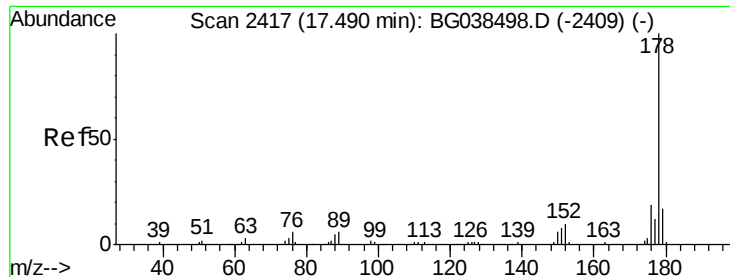
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 17.00 17.10 17.20

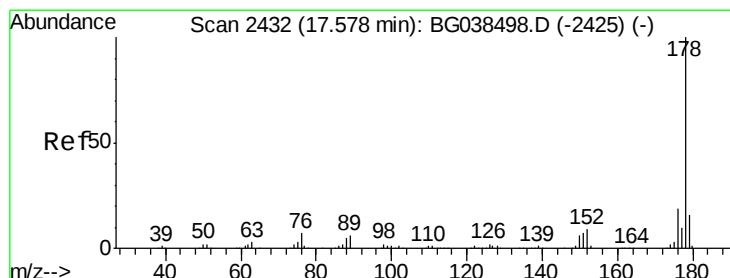
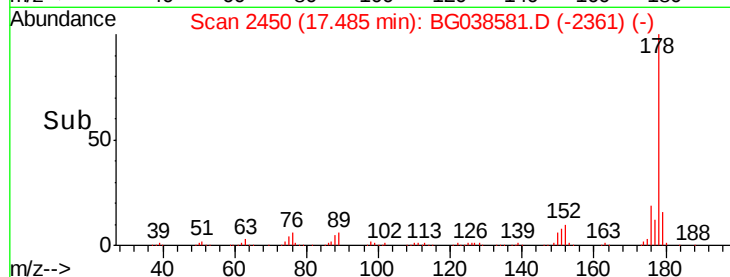
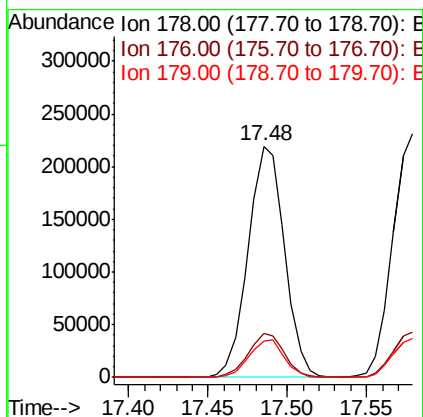
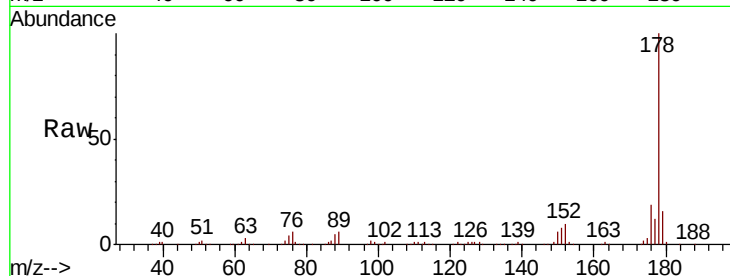




#71
 Phenanthrene
 Concen: 42.372 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

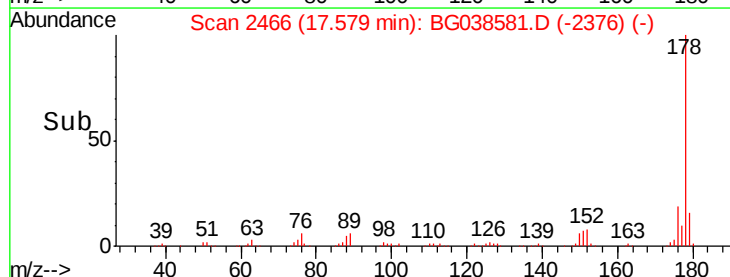
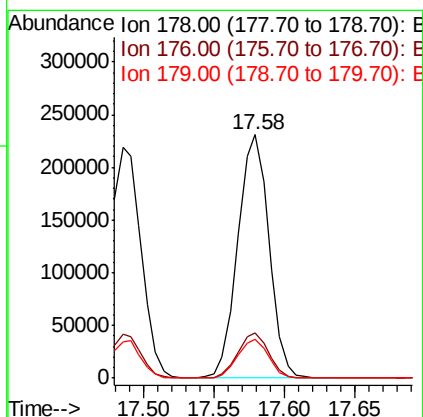
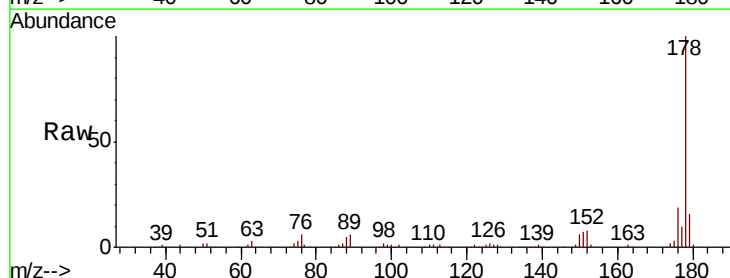
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

Tgt Ion:178 Resp: 349922
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.8 13.2 19.8



#72
 Anthracene
 Concen: 43.669 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:178 Resp: 356024
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 16.1 12.9 19.3

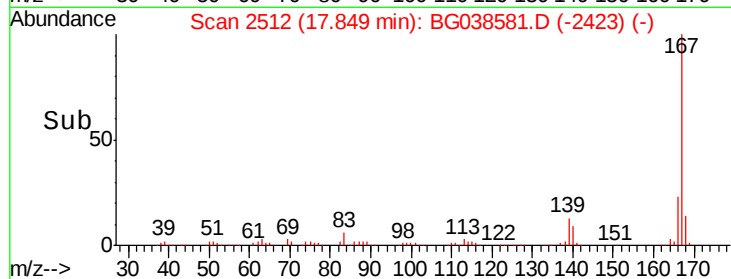
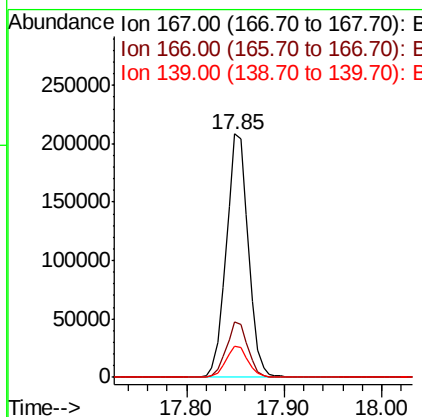
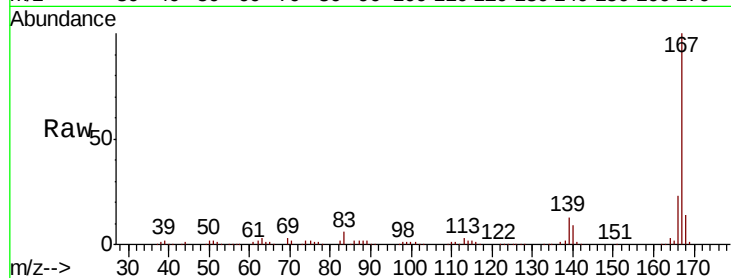




#73
 Carbazole
 Concen: 40.393 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

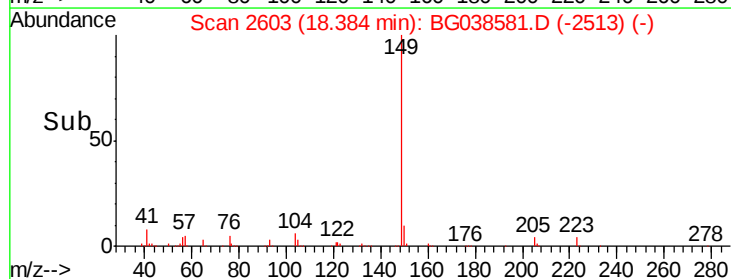
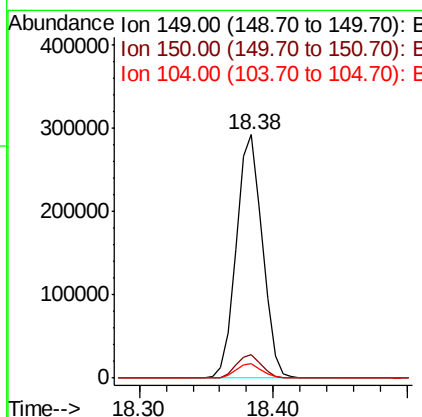
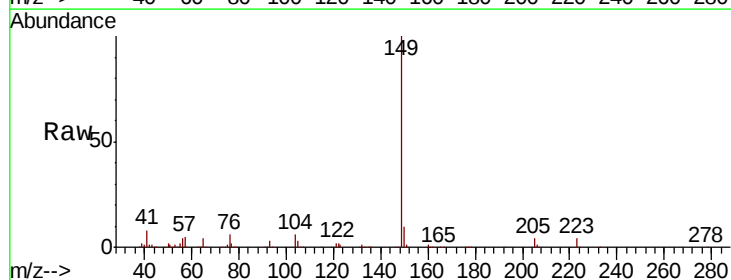
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

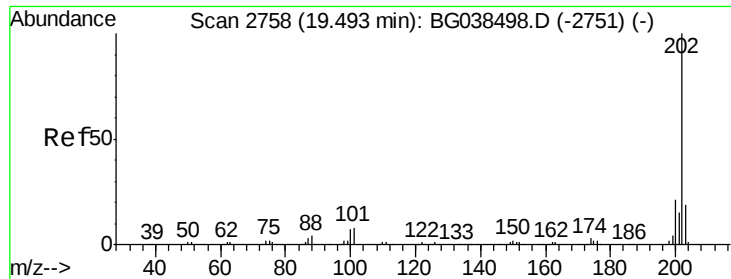
Tgt Ion:167 Resp: 325681
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.9 26.9
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 42.817 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion:149 Resp: 396135
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.6 11.4
 104 5.9 5.0 7.4

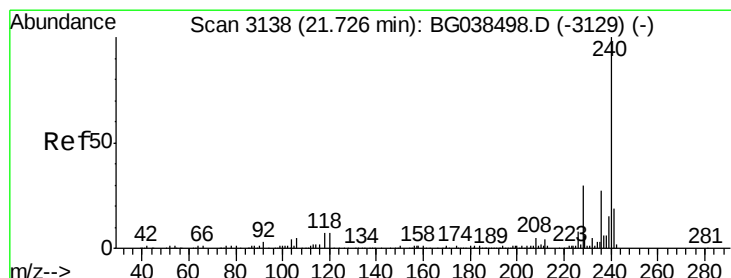
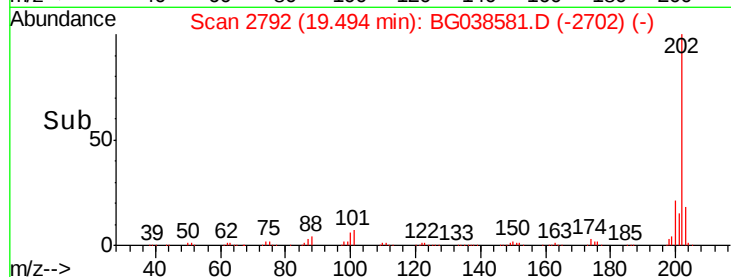
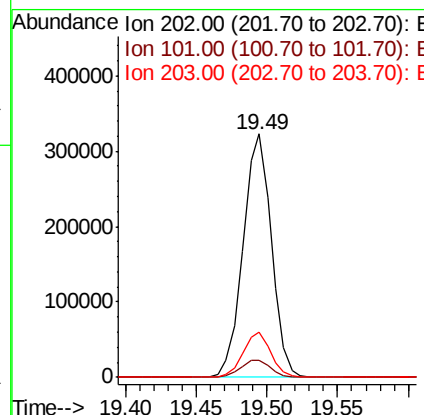
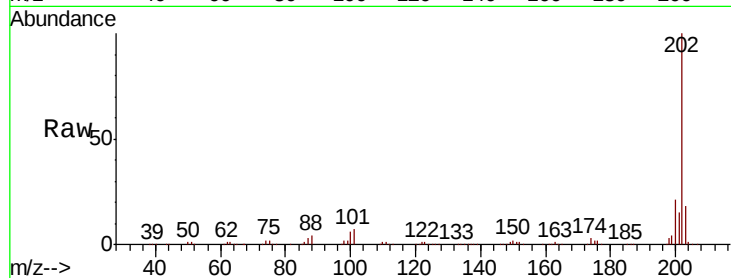




#75
 Fluoranthene
 Concen: 44.287 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

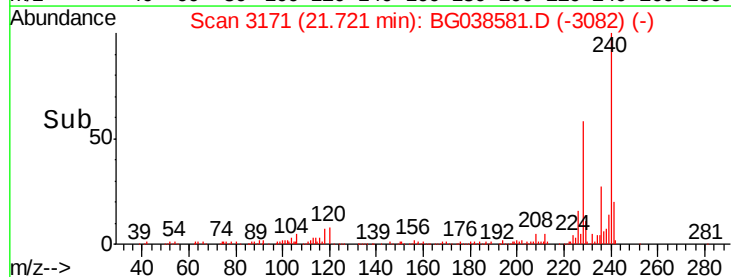
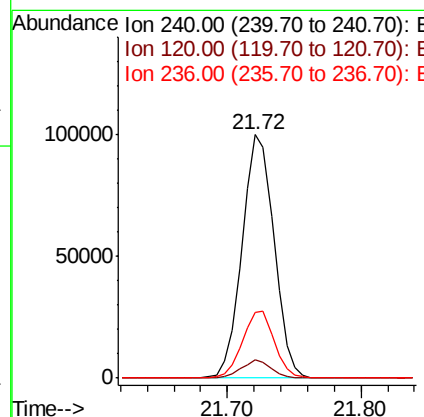
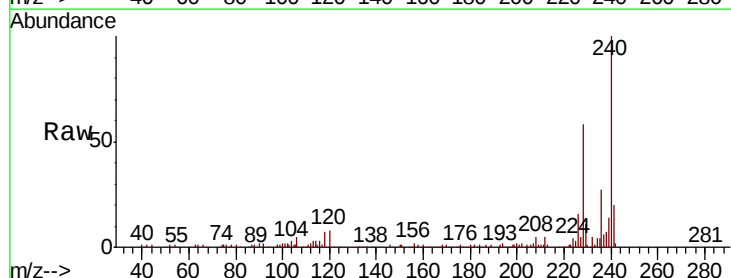
Instrument :
 BNA_G
 ClientSampleId :
 PB115428BSD

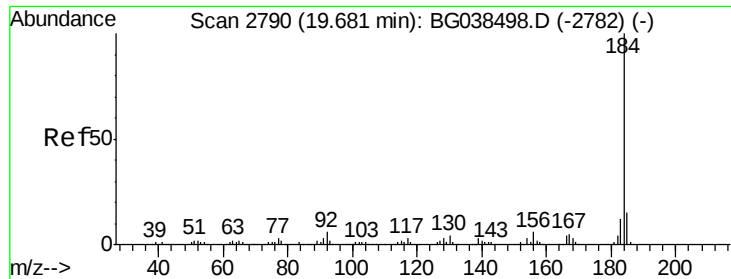
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	452516		
101	6.8		0.0	28.1
203	18.4		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038581.D
 Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	165468		
120	7.5		5.3	7.9
236	27.2		21.4	32.2

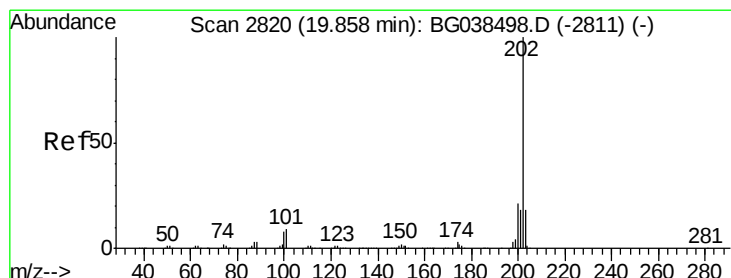
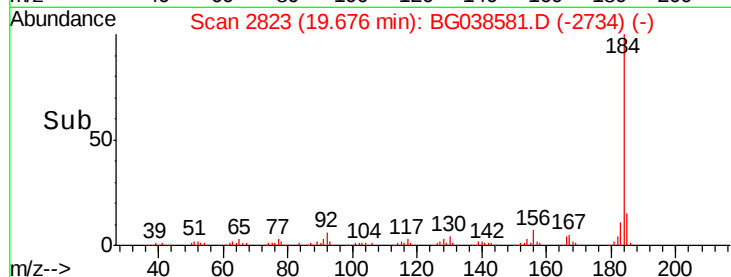
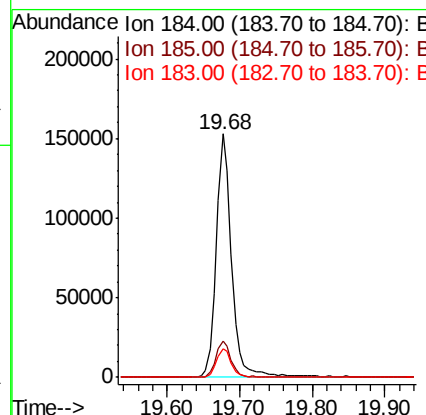
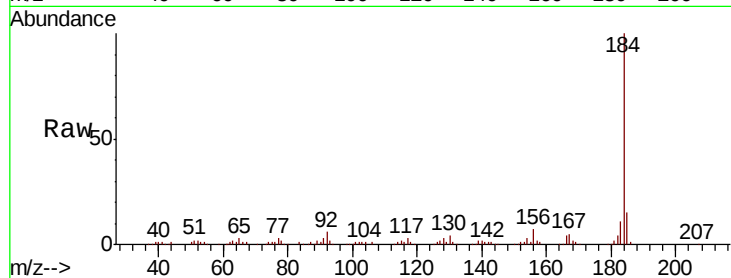




#77
Benzidine
Concen: 46.214 ng
RT: 19.68 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

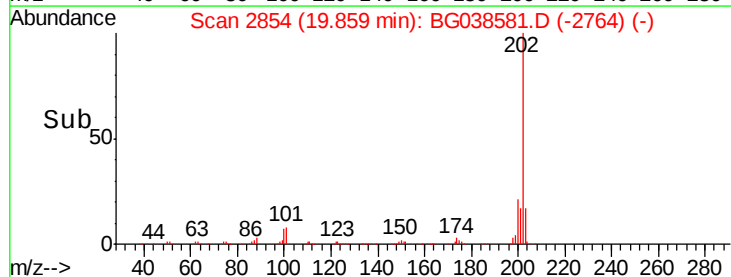
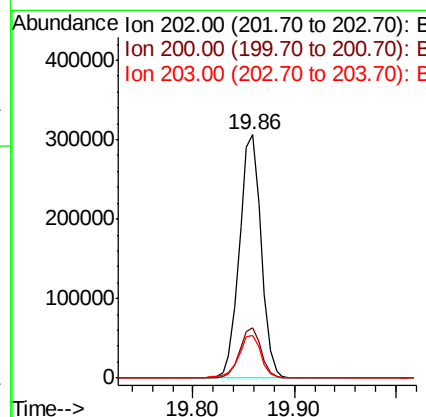
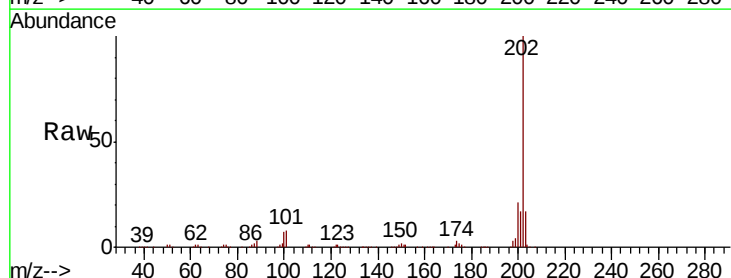
Instrument :
BNA_G
ClientSampleId :
PB115428BSD

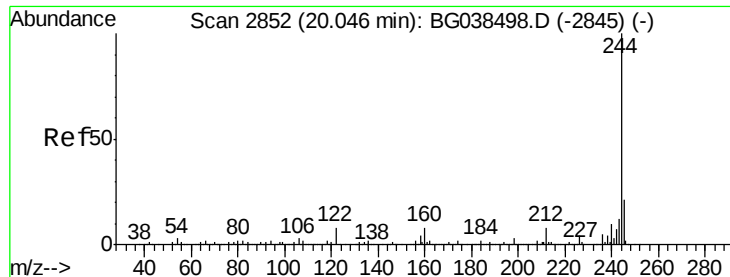
Tgt Ion:184 Resp: 226149
Ion Ratio Lower Upper
184 100
185 15.0 12.2 18.2
183 11.5 9.6 14.4



#78
Pyrene
Concen: 41.492 ng
RT: 19.86 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion:202 Resp: 453559
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.3 14.6 21.8





#79

Terphenyl-d14

Concen: 75.073 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

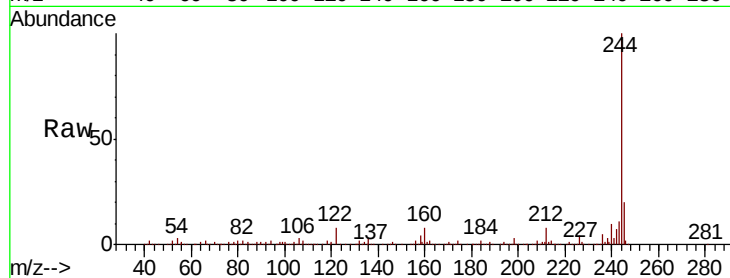
Tgt Ion:244 Resp: 570783

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

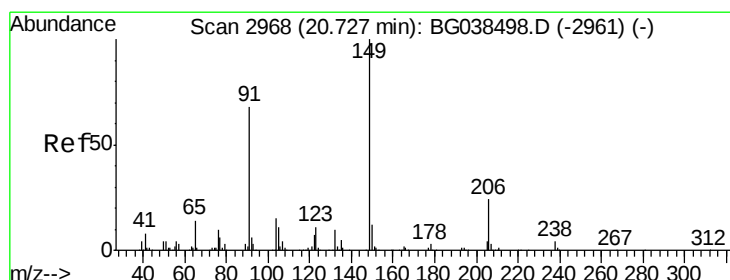
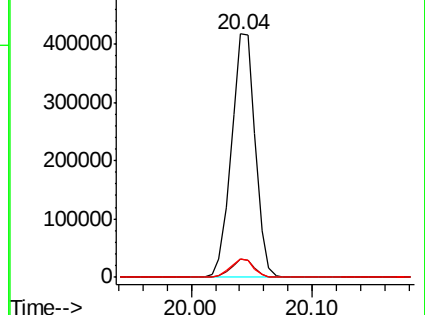
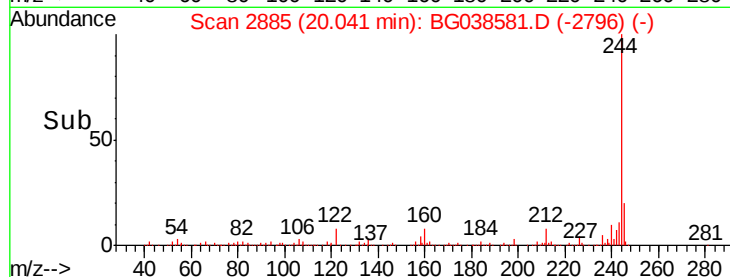
122 7.8 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.135 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

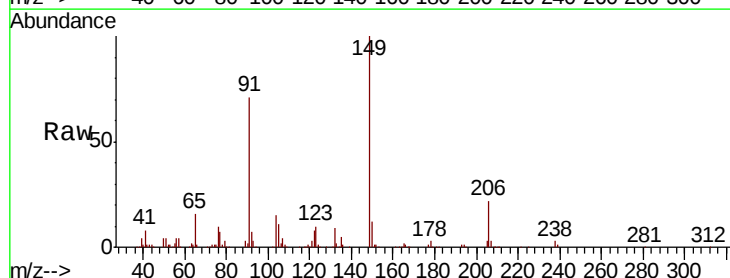
Tgt Ion:149 Resp: 184216

Ion Ratio Lower Upper

149 100

91 70.8 54.5 81.7

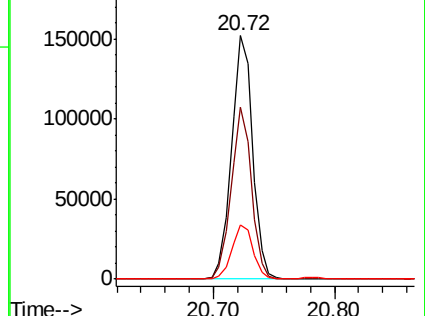
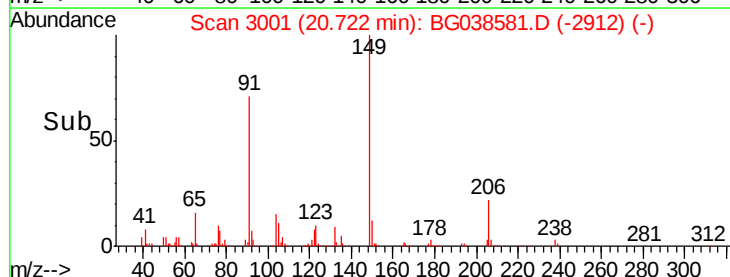
206 22.1 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.533 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

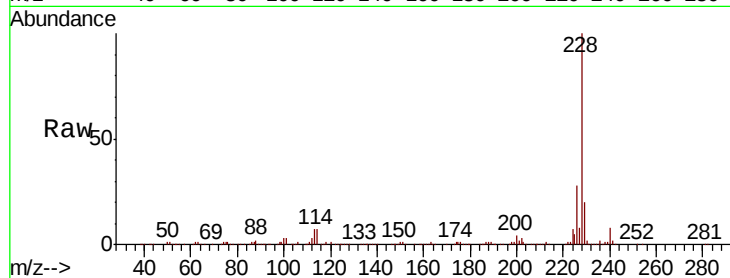
Tgt Ion:228 Resp: 438933

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

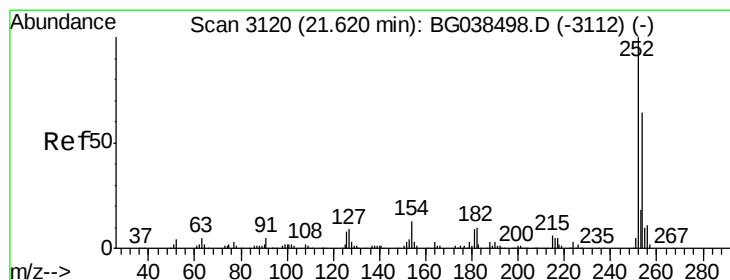
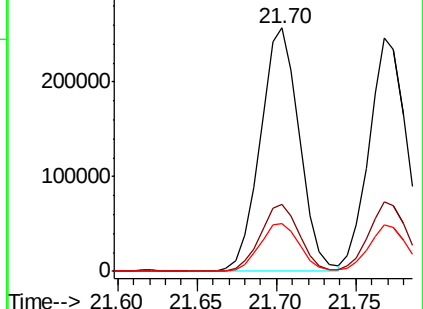
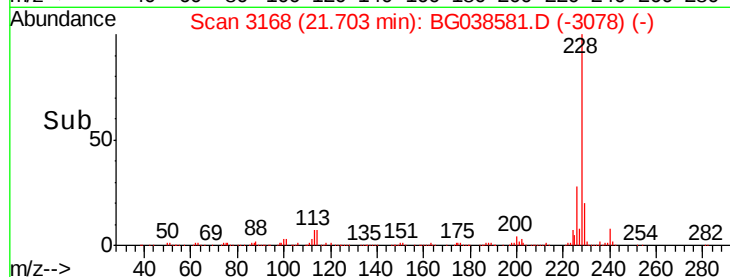
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.848 ng

RT: 21.62 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

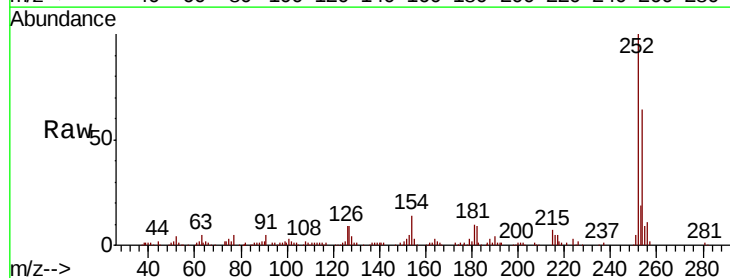
Tgt Ion:252 Resp: 115361

Ion Ratio Lower Upper

252 100

254 63.6 50.9 76.3

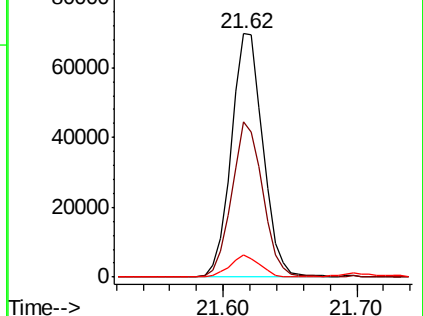
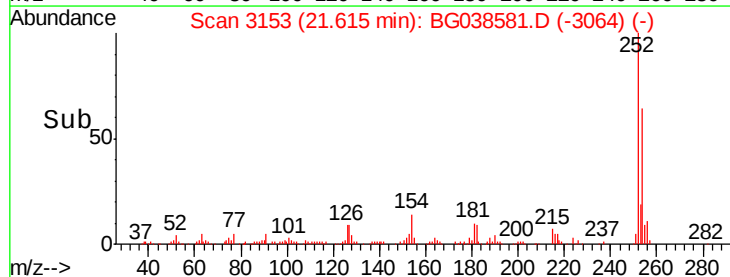
126 8.9 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.684 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

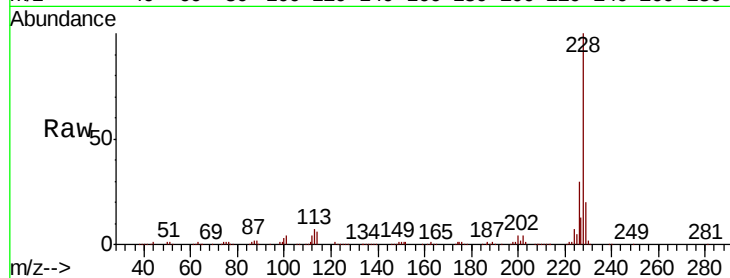
Tgt Ion:228 Resp: 404821

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.4

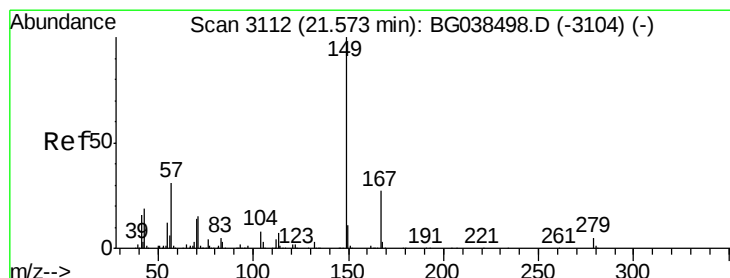
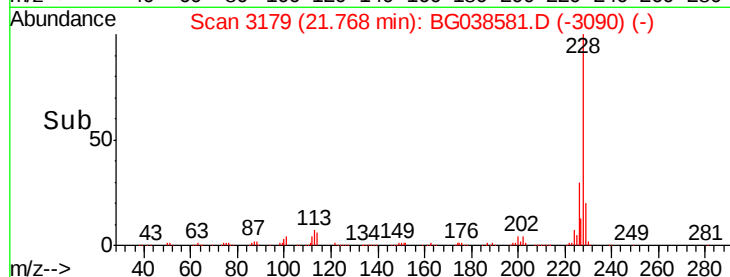
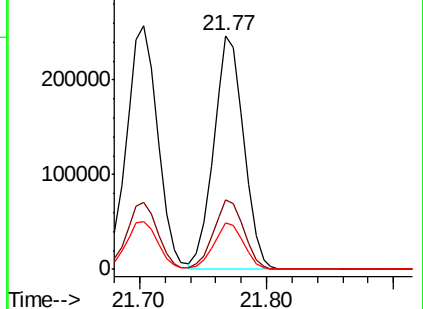
229 19.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.844 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

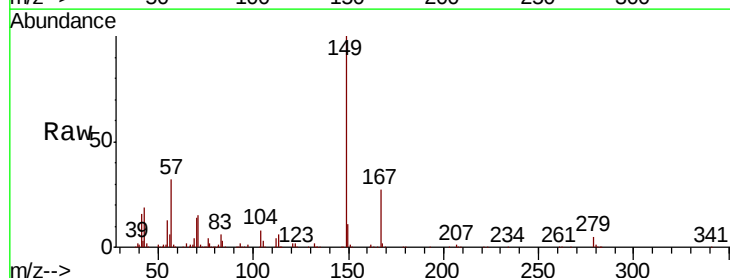
Tgt Ion:149 Resp: 253451

Ion Ratio Lower Upper

149 100

167 27.4 21.9 32.9

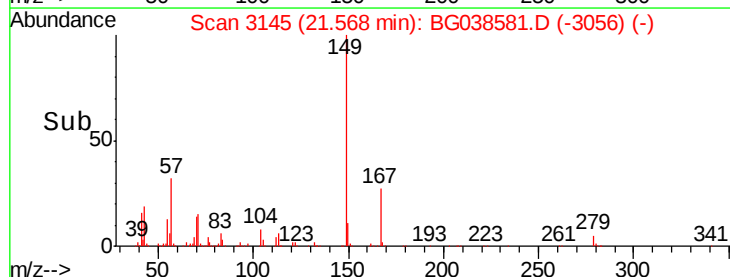
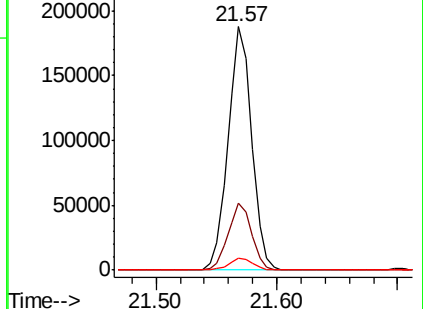
279 5.0 4.2 6.2

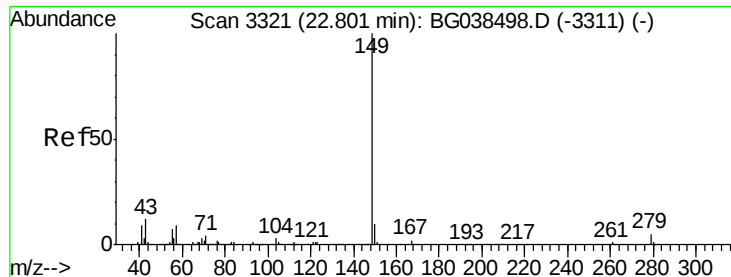


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

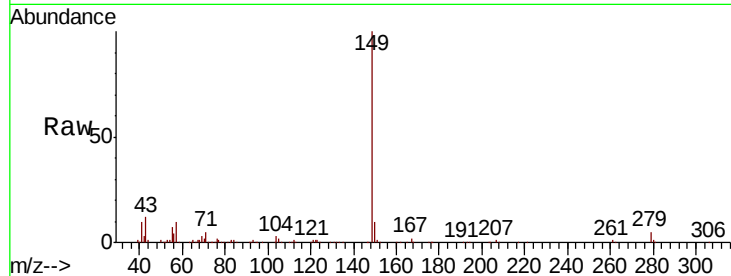




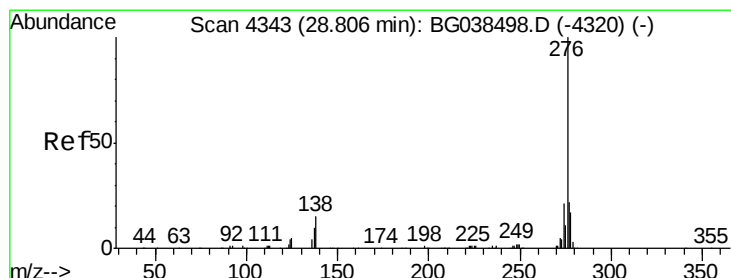
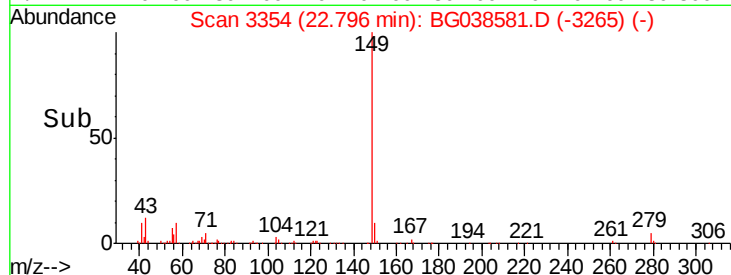
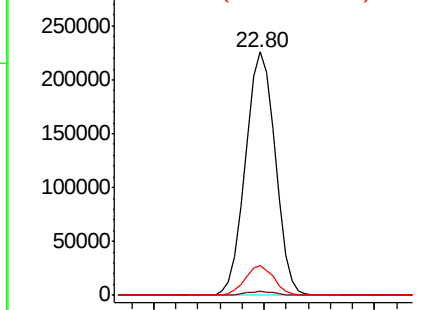
#85
Di-n-octyl phthalate
Concen: 42.374 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Instrument :
BNA_G
ClientSampleId :
PB115428BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.2	9.3	13.9

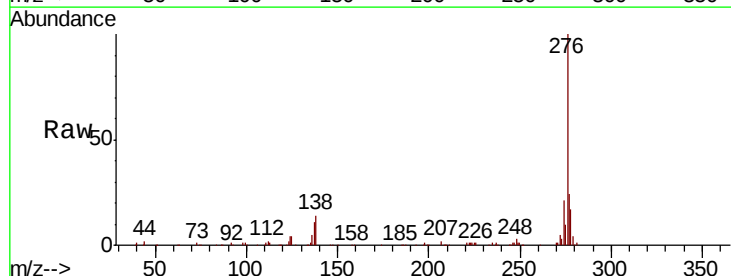


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

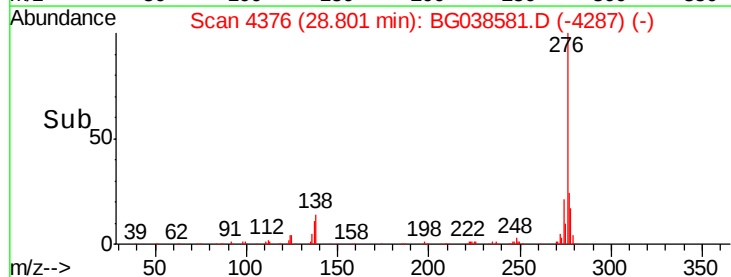
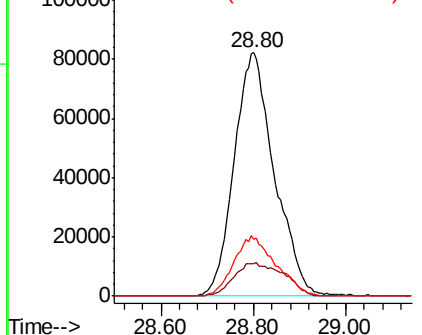


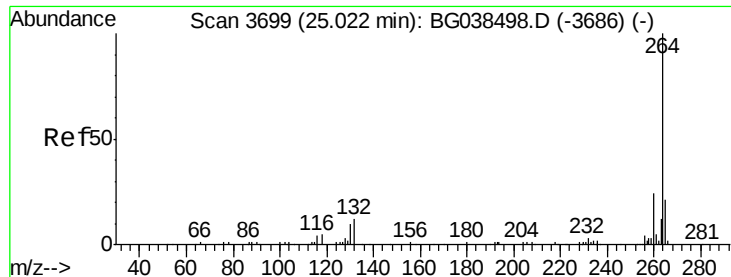
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.527 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG038581.D
Acq: 14 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	25.7	0.0	0.0#



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

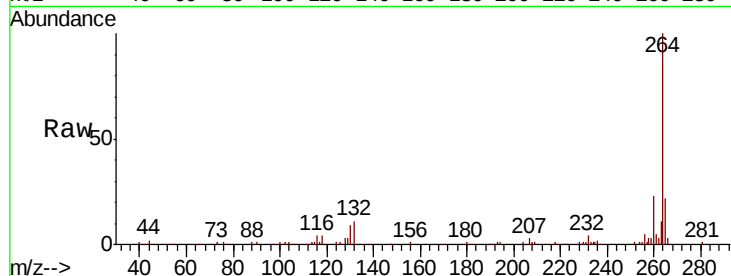
Tgt Ion:264 Resp: 181515

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 22.1 17.0 25.4

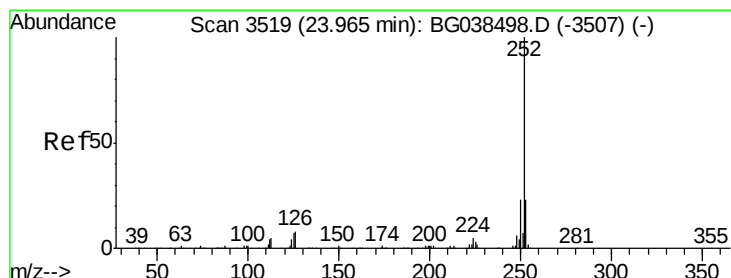
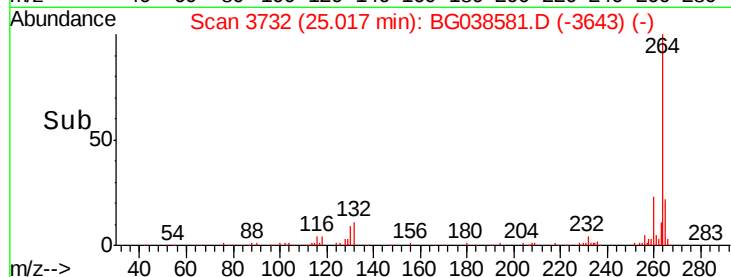
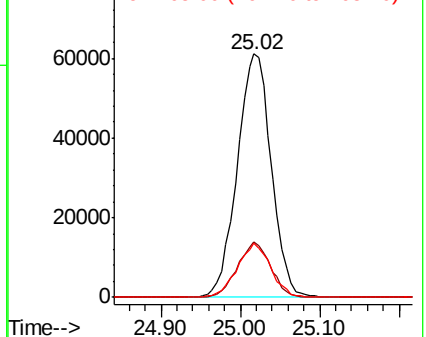


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.545 ng

RT: 23.96 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

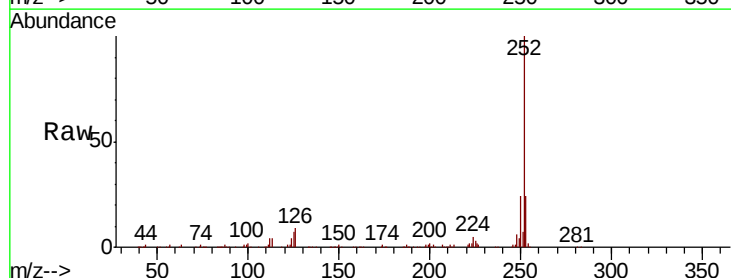
Tgt Ion:252 Resp: 433968

Ion Ratio Lower Upper

252 100

253 23.8 18.1 27.1

125 6.8 5.5 8.3

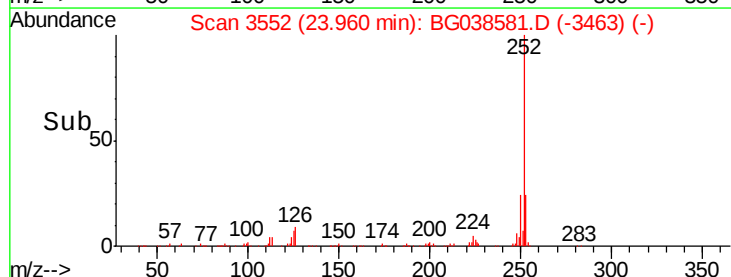
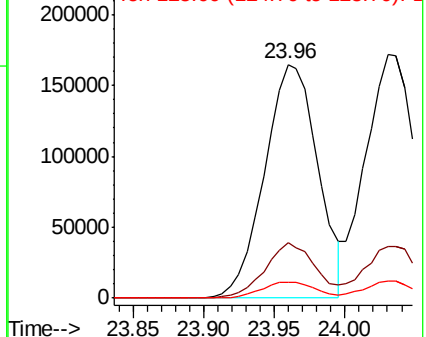


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.276 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

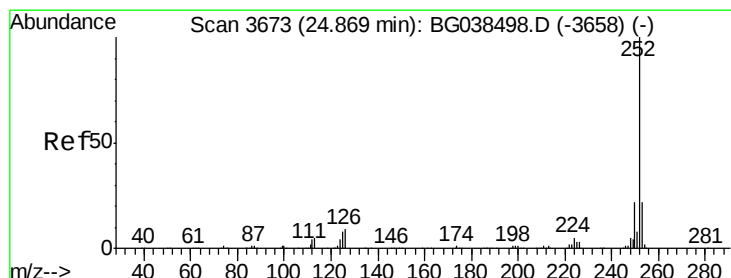
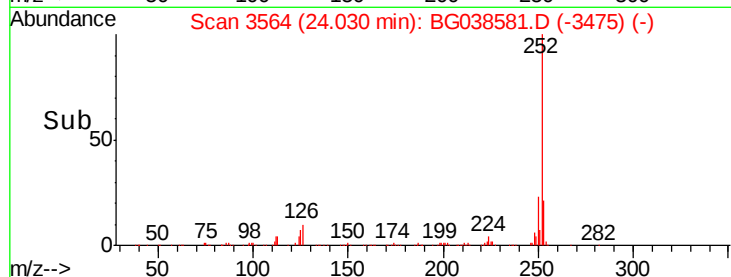
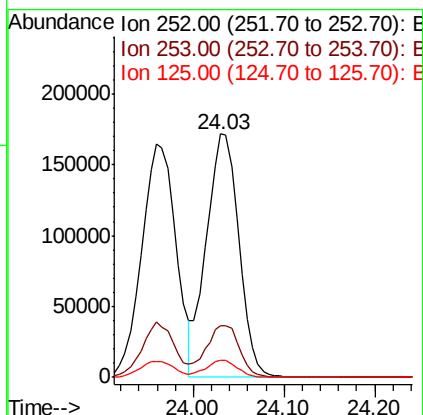
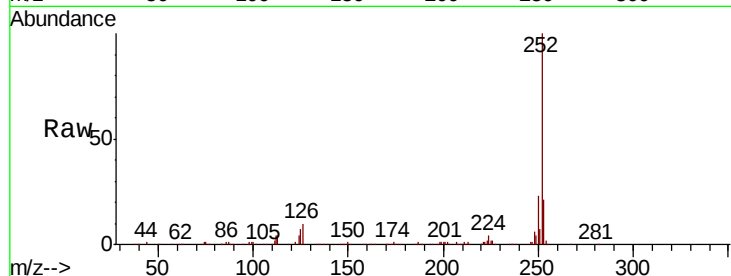
Instrument :

BNA_G

ClientSampleId :

PB115428BSD

Tgt Ion:	252	Resp:	429469
Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.9	28.3
125	6.8	5.4	8.2



#90

Benzo(a)pyrene

Concen: 44.171 ng

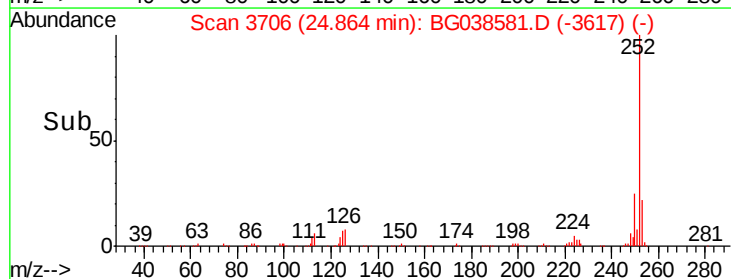
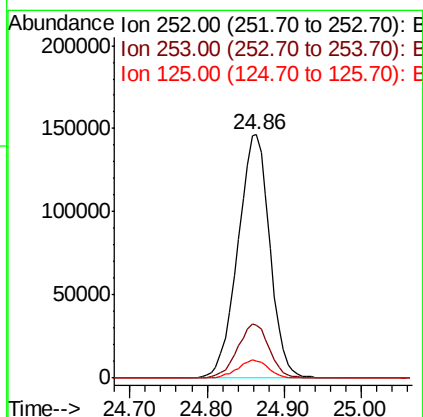
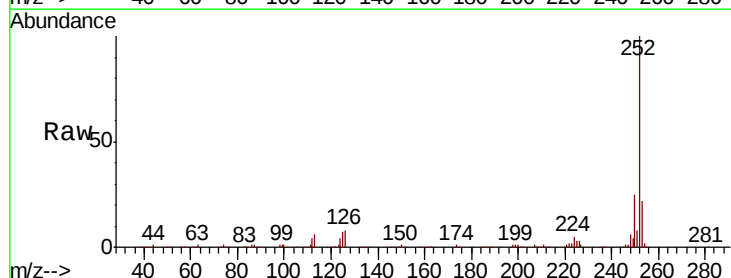
RT: 24.86 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Tgt Ion:	252	Resp:	424681
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	7.2	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 43.298 ng

RT: 28.87 min Scan# 4387

Delta R.T. 0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

Instrument :

BNA_G

ClientSampleId :

PB115428BSD

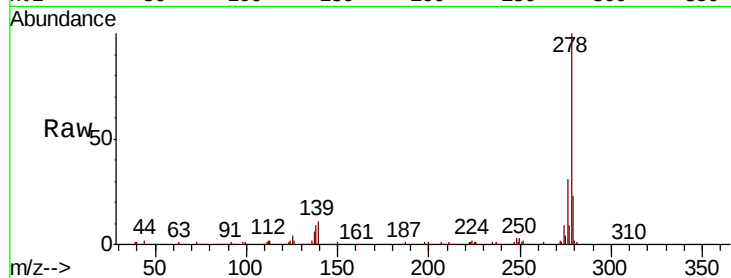
Tgt Ion:278 Resp: 414488

Ion Ratio Lower Upper

278 100

139 10.8 8.6 12.8

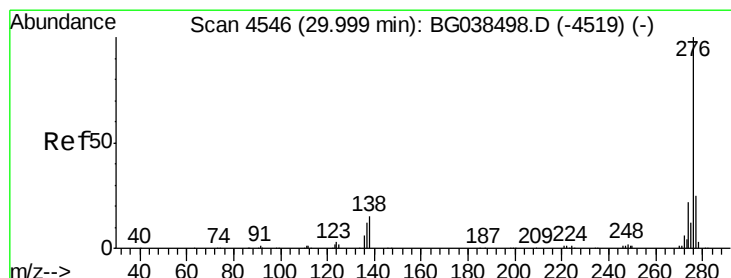
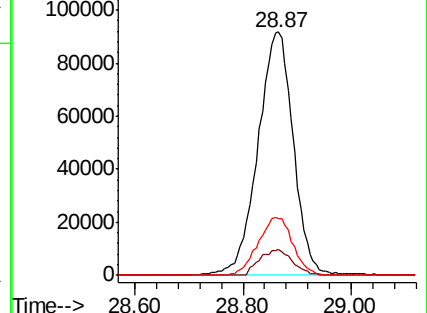
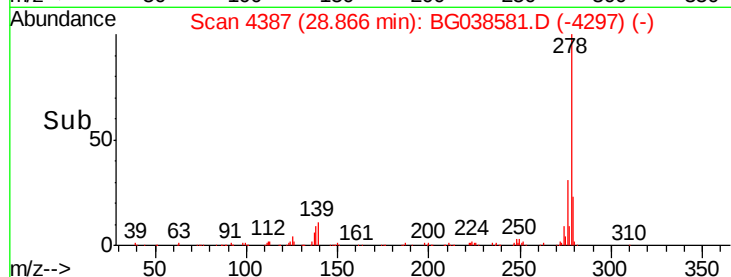
279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.528 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.00 min

Lab File: BG038581.D

Acq: 14 Dec 2018 23:44

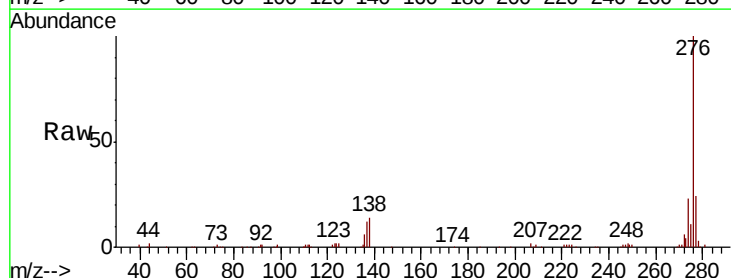
Tgt Ion:276 Resp: 410645

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 13.8 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

