

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038845.D
 Acq On : 27 Dec 2018 16:04
 Operator : JU/SJ
 Sample : PB116010BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Quant Time: Dec 28 00:28:03 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	8.05	152	18902	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	78913	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58828	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163473	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161435	20.00	ng	0.00
87) Perylene-d12	25.02	264	171859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	133245	125.03	ng	0.00
7) Phenol-d6	7.21	99	188743	129.01	ng	0.00
23) Nitrobenzene-d5	9.23	82	97202	62.93	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	119084	146.88	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	279875	65.27	ng	0.00
79) Terphenyl-d14	20.04	244	616599	83.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	21556	43.460	ng	97
3) Pyridine	3.89	79	41531	30.412	ng	98
4) n-Nitrosodimethylamine	3.81	42	24572	36.723	ng	# 94
6) Aniline	7.38	93	57731	30.912	ng	97
8) 2-Chlorophenol	7.62	128	58286	47.261	ng	96
9) Benzaldehyde	7.19	77	14320	15.088	ng	95
10) Phenol	7.24	94	73089	47.024	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	45886	37.080	ng	94
12) 1,3-Dichlorobenzene	7.94	146	57921	39.721	ng	96
13) 1,4-Dichlorobenzene	8.09	146	58632	39.260	ng	98
14) 1,2-Dichlorobenzene	8.41	146	57628	40.931	ng	96
15) Benzyl Alcohol	8.30	79	52562	46.029	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	95165	33.571	ng	97
17) 2-Methylphenol	8.50	107	51445	49.402	ng	98
18) Hexachloroethane	9.13	117	20300	37.199	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	40329	39.248	ng	97
20) 3+4-Methylphenols	8.82	107	70987	49.359	ng	99
22) Acetophenone	8.89	105	83728	42.478	ng	# 93
24) Nitrobenzene	9.27	77	62290	39.862	ng	92
25) Isophorone	9.79	82	119081	42.907	ng	99
26) 2-Nitrophenol	9.99	139	33550	41.949	ng	# 92
27) 2,4-Dimethylphenol	10.03	122	61902	54.005	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	66026	42.157	ng	96
29) 2,4-Dichlorophenol	10.52	162	68931	54.057	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	68104	44.215	ng	95
31) Naphthalene	10.93	128	181182	46.599	ng	98
32) Benzoic acid	10.17	122	34116	47.100	ng	# 86
33) 4-Chloroaniline	11.04	127	50512	29.924	ng	97
34) Hexachlorobutadiene	11.18	225	44711	42.900	ng	97
35) Caprolactam	11.82	113	24573	46.565	ng	# 77
36) 4-Chloro-3-methylphenol	12.15	107	71670	49.252	ng	95
37) 2-Methylnaphthalene	12.52	142	141399	50.976	ng	99
38) 1-Methylnaphthalene	12.74	142	134673	50.033	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	88805	40.385	ng	99

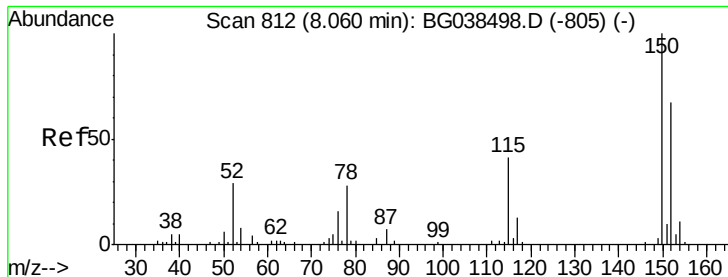
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	107930	89.338	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	64779	47.911	ng	97
44) 2,4,5-Trichlorophenol	13.21	196	70054	48.936	ng	96
46) 1,1'-Biphenyl	13.52	154	194693	39.478	ng	98
47) 2-Chloronaphthalene	13.58	162	156347	41.042	ng	98
48) 2-Nitroaniline	13.79	65	50615	41.713	ng	89
49) Acenaphthylene	14.42	152	261852	45.979	ng	99
50) Dimethylphthalate	14.14	163	215811	44.922	ng	99
51) 2,6-Dinitrotoluene	14.27	165	48464	44.516	ng	92
52) Acenaphthene	14.76	154	150073	44.069	ng	95
53) 3-Nitroaniline	14.62	138	36656	33.030	ng	94
54) 2,4-Dinitrophenol	14.82	184	53065	81.795	ng	96
55) Dibenzofuran	15.09	168	265260	45.441	ng	96
56) 4-Nitrophenol	14.92	139	76617	91.003	ng	98
57) 2,4-Dinitrotoluene	15.06	165	70930	46.257	ng	95
58) Fluorene	15.74	166	213336	49.328	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	68477	53.168	ng	97
60) Diethylphthalate	15.50	149	226360	42.921	ng	97
61) 4-Chlorophenyl-phenylether	15.73	204	122787	45.504	ng	97
62) 4-Nitroaniline	15.78	138	54817	47.978	ng	98
63) Azobenzene	16.02	77	180615	40.996	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	46640	39.995	ng	89
66) n-Nitrosodiphenylamine	15.94	169	200381	41.718	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	85751	42.951	ng	96
68) Hexachlorobenzene	16.74	284	90018	43.496	ng	96
69) Atrazine	16.89	200	85250	47.825	ng	98
70) Pentachlorophenol	17.09	266	86712	70.836	ng	98
71) Phenanthrene	17.48	178	385817	45.513	ng	99
72) Anthracene	17.58	178	393598	47.032	ng	99
73) Carbazole	17.85	167	342664	41.402	ng	97
74) Di-n-butylphthalate	18.38	149	398631	41.975	ng	99
75) Fluoranthene	19.49	202	476637	45.443	ng	97
77) Benzidine	19.67	184	217055	45.463	ng	99
78) Pyrene	19.85	202	464612	43.565	ng	99
80) Butylbenzylphthalate	20.72	149	173152	41.557	ng	95
81) Benzo(a)anthracene	21.70	228	451060	45.853	ng	100
82) 3,3'-Dichlorobenzidine	21.61	252	127845	32.769	ng	98
83) Chrysene	21.77	228	422284	44.568	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	236235	39.976	ng	96
85) Di-n-octyl phthalate	22.79	149	401700	40.589	ng	97
86) Indeno(1,2,3-cd)pyrene	28.80	276	512253	45.986	ng	# 80
88) Benzo(b)fluoranthene	23.96	252	451994	47.902	ng	99
89) Benzo(k)fluoranthene	24.03	252	421260	44.834	ng	96
90) Benzo(a)pyrene	24.86	252	434680	47.751	ng	# 98
91) Dibenzo(a,h)anthracene	28.86	278	430869	47.538	ng	99
92) Benzo(g,h,i)perylene	30.00	276	423238	47.383	ng	# 96

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

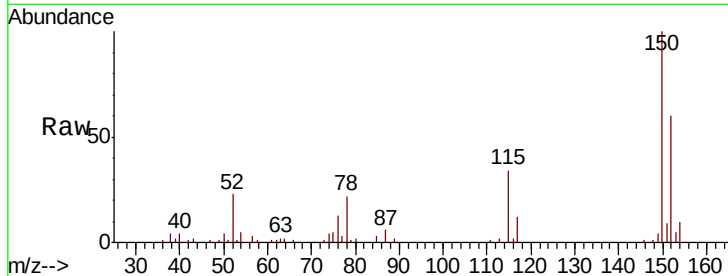


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.0	119.5	179.3
115	56.8	49.6	74.4

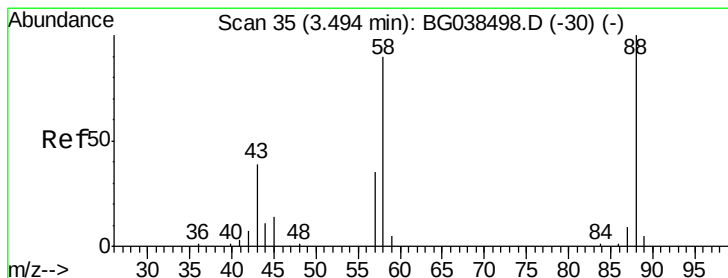
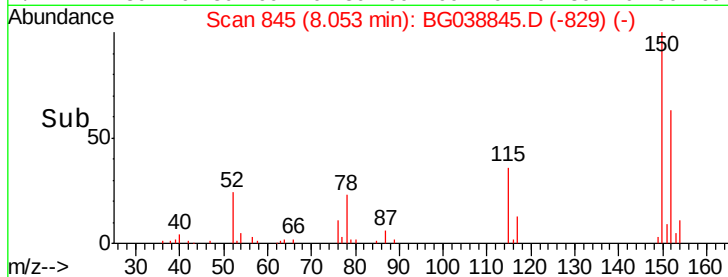
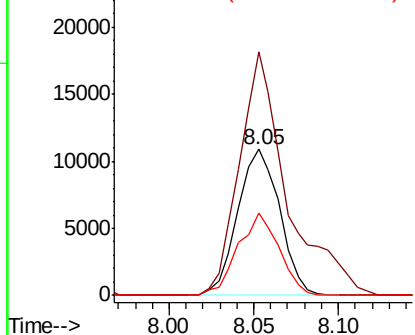


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

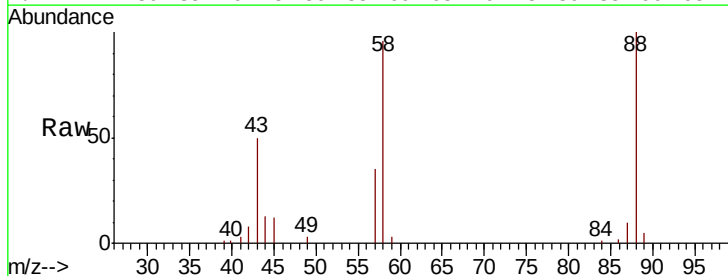
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.460 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.7	75.7	113.5
43	40.9	31.6	47.4

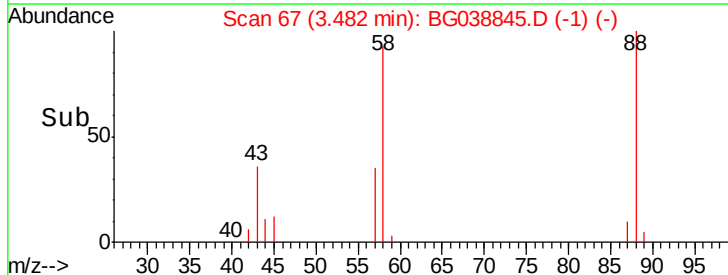
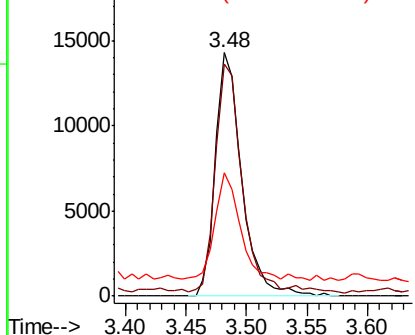


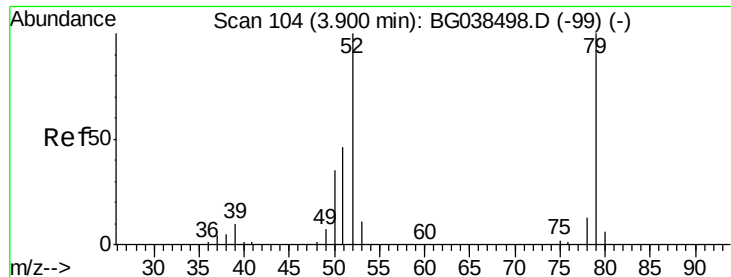
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.412 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

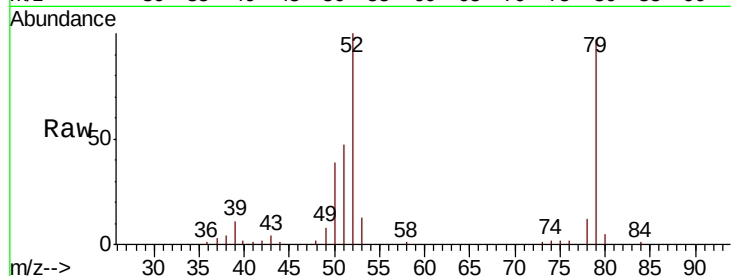
Tot Ion: 79 Resp: 41531

Ion Ratio Lower Upper

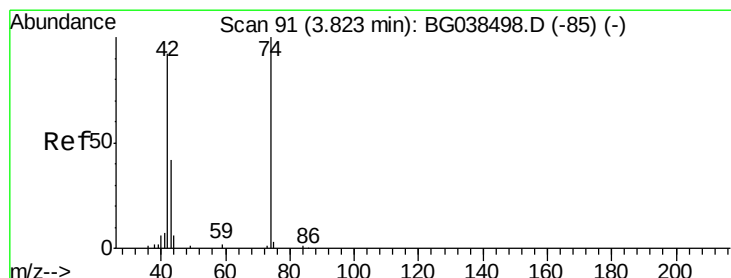
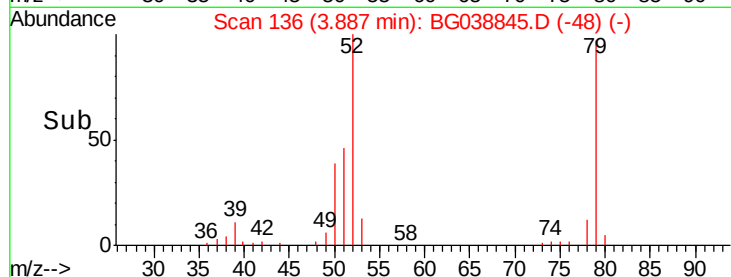
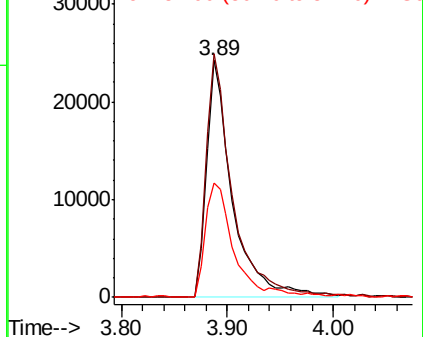
79 100

52 102.9 80.2 120.2

51 48.5 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: 36.723 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

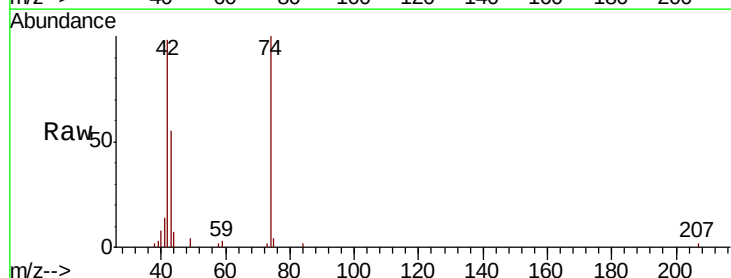
Tgt Ion: 42 Resp: 24572

Ion Ratio Lower Upper

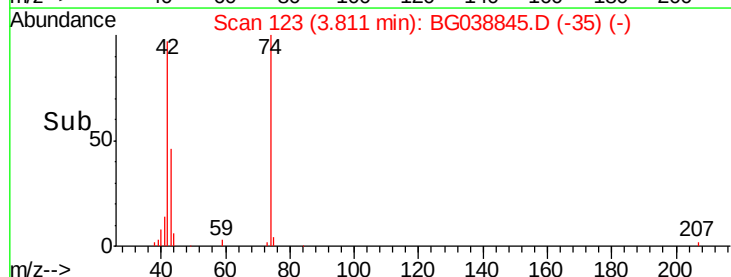
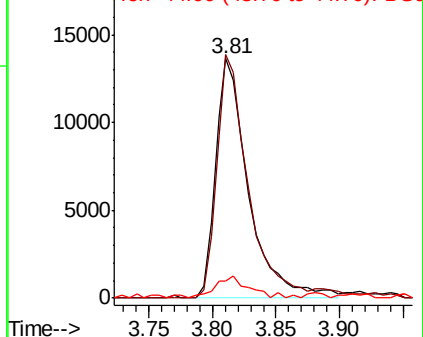
42 100

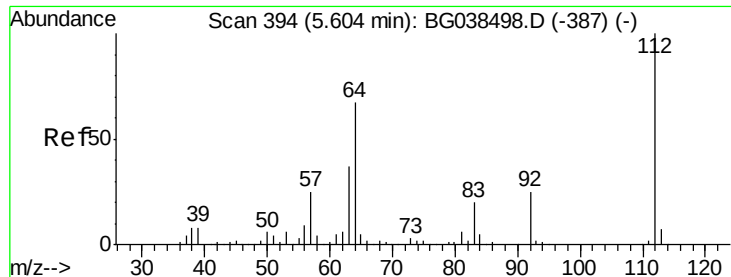
74 101.8 86.7 130.1

44 7.3 7.8 11.8#



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





#5

2-Fluorophenol

Concen: 125.029 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

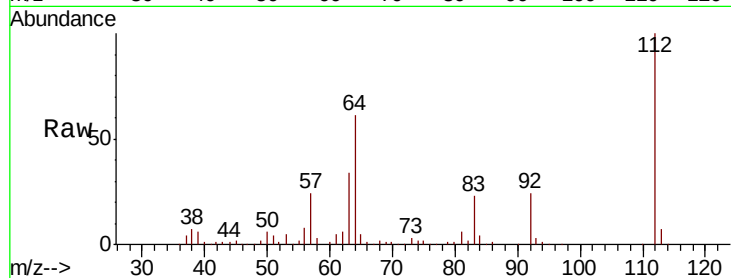
Tot Ion: 112 Resp: 133245

Ion Ratio Lower Upper

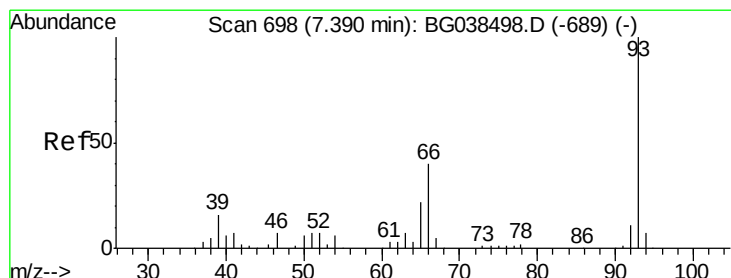
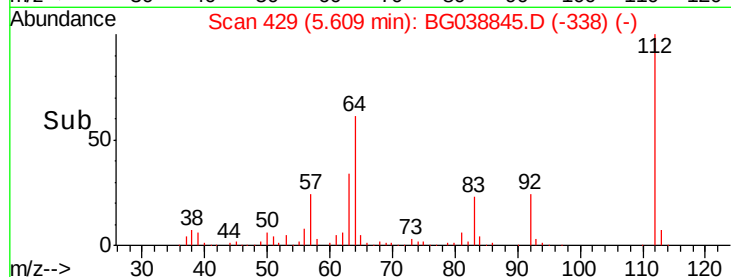
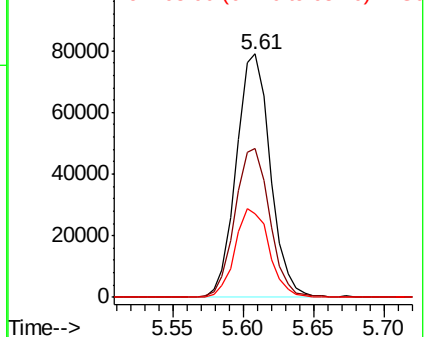
112 100

64 61.0 53.4 80.2

63 34.5 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: 30.912 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

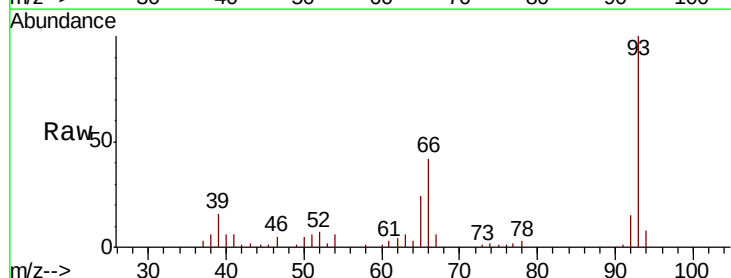
Tgt Ion: 93 Resp: 57731

Ion Ratio Lower Upper

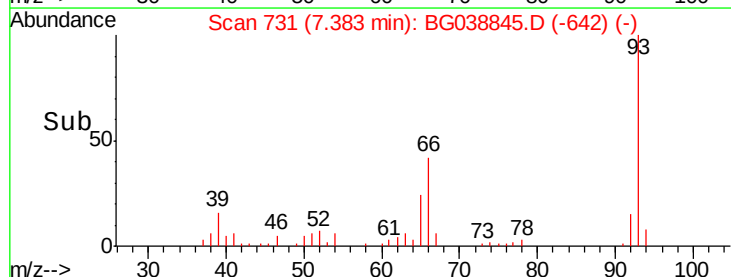
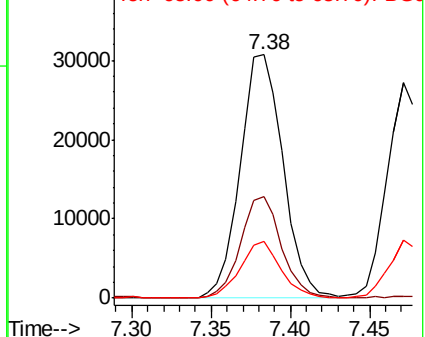
93 100

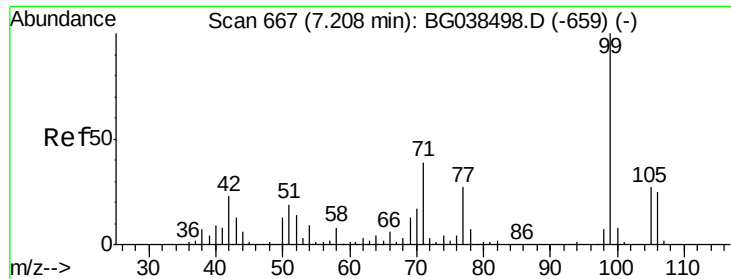
66 41.6 31.7 47.5

65 23.5 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: 129.010 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

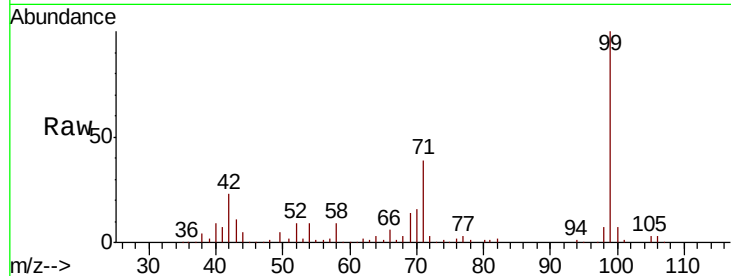
Tot Ion: 99 Resp: 188743

Ion Ratio Lower Upper

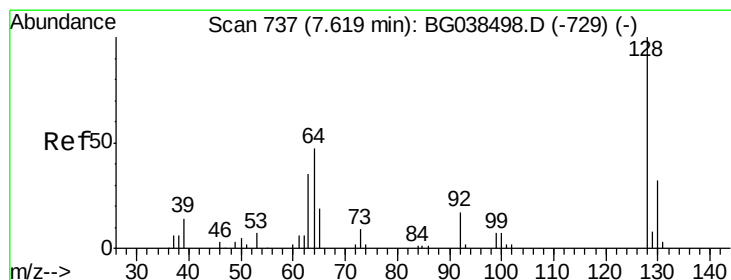
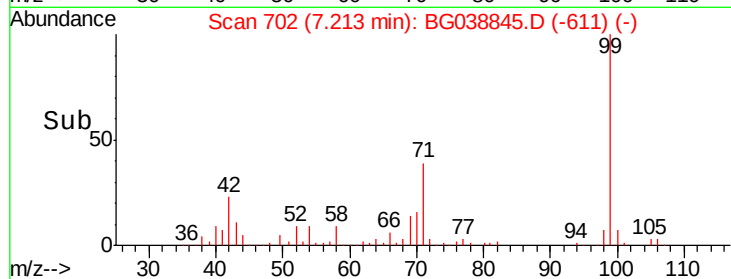
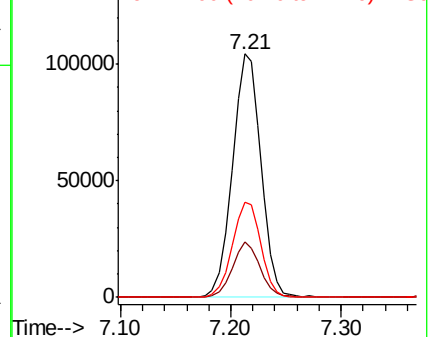
99 100

42 23.0 18.5 27.7

71 38.9 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: 47.261 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

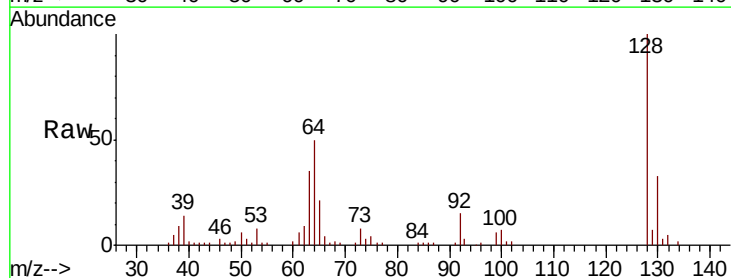
Tgt Ion: 128 Resp: 58286

Ion Ratio Lower Upper

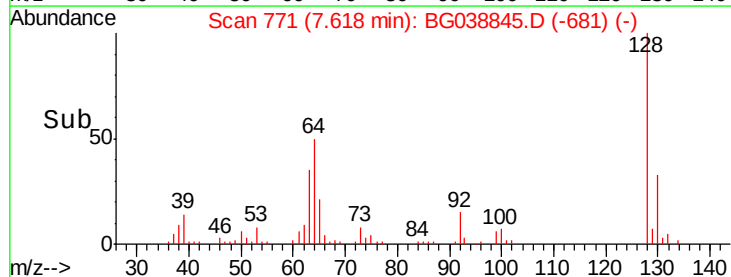
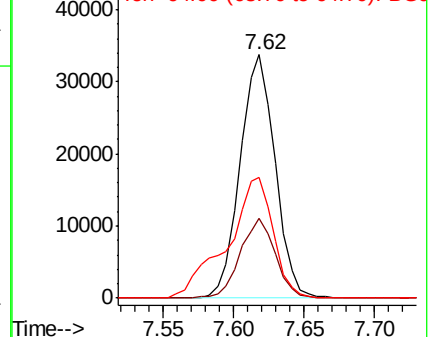
128 100

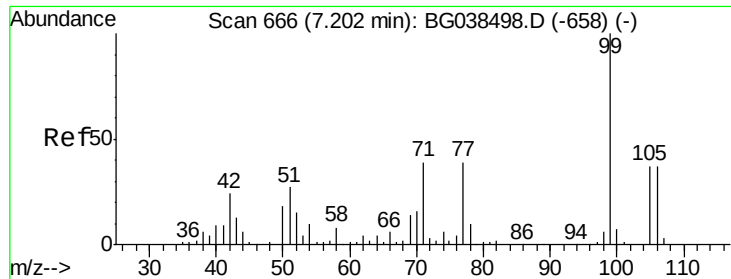
130 32.6 11.8 51.8

64 49.8 33.2 73.2



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





#9

Benzaldehyde

Concen: 15.088 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

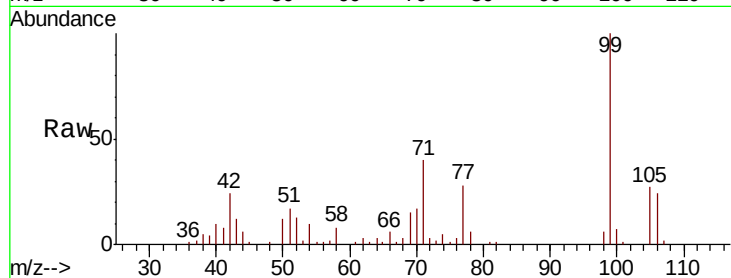
Tot Ion: 77 Resp: 14320

Ion Ratio Lower Upper

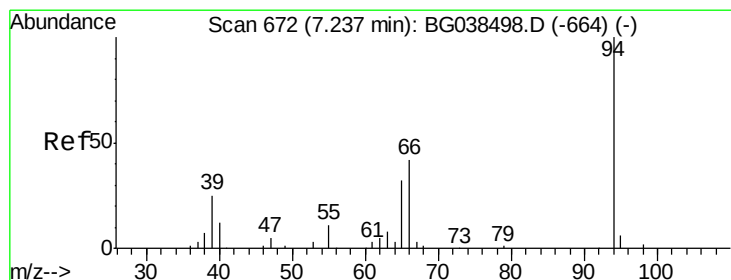
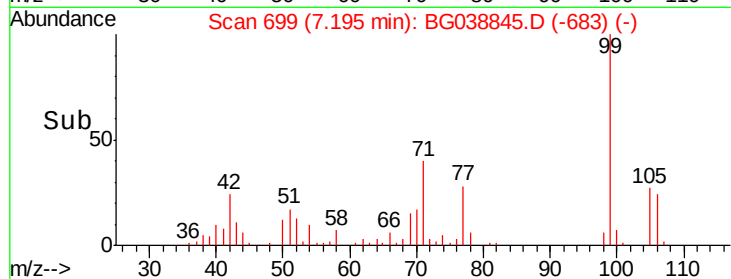
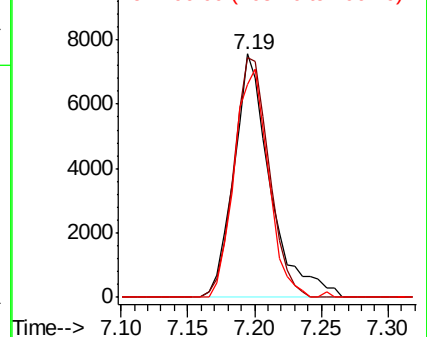
77 100

105 98.3 74.0 114.0

106 87.7 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: 47.024 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

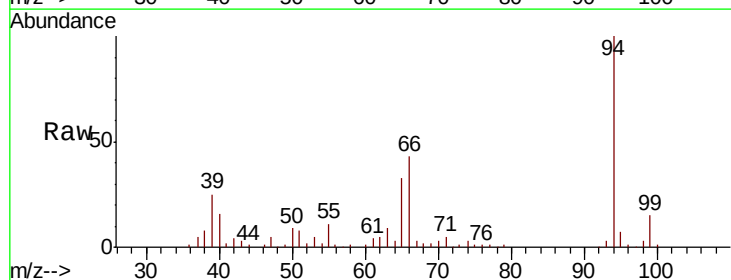
Tgt Ion: 94 Resp: 73089

Ion Ratio Lower Upper

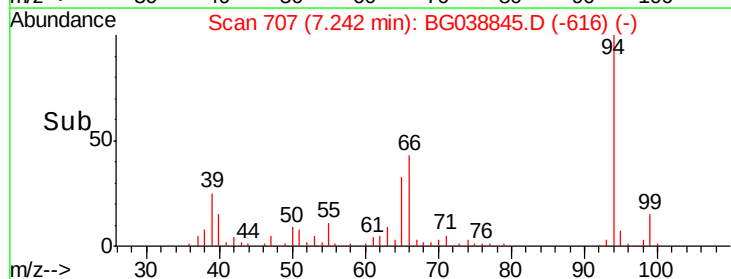
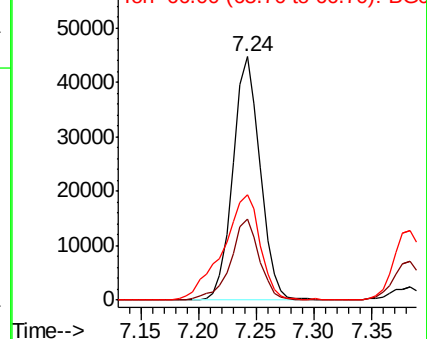
94 100

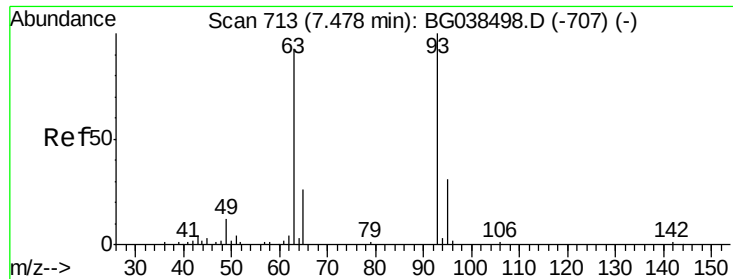
65 33.0 12.6 52.6

66 43.1 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

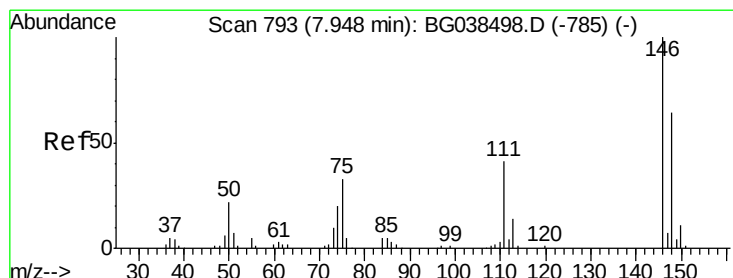
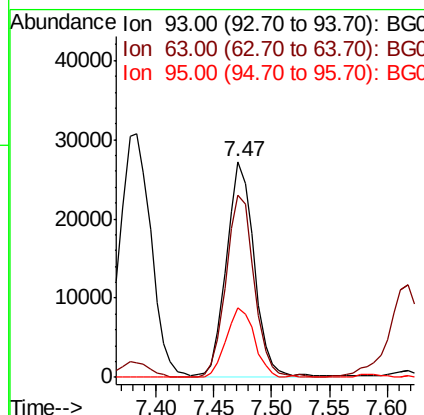
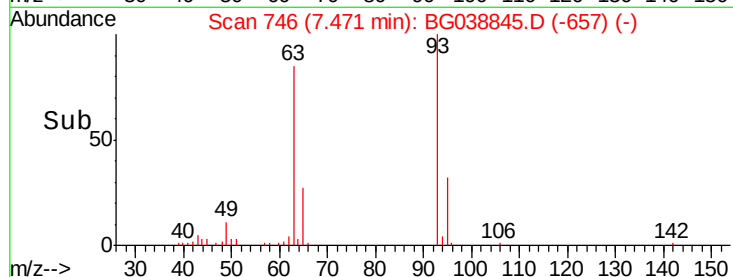
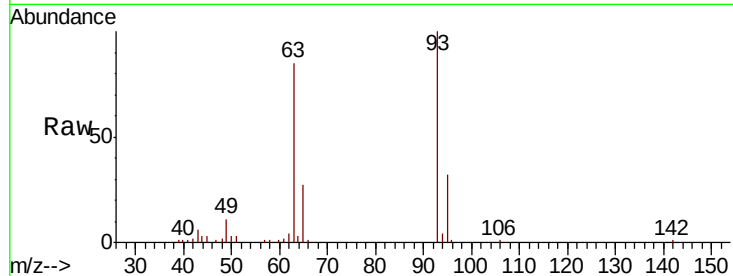




#11
bis(2-Chloroethyl)ether
Concen: 37.080 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

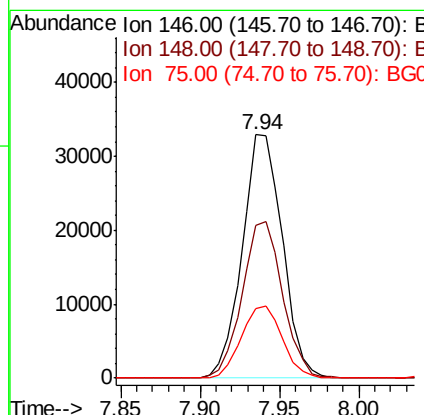
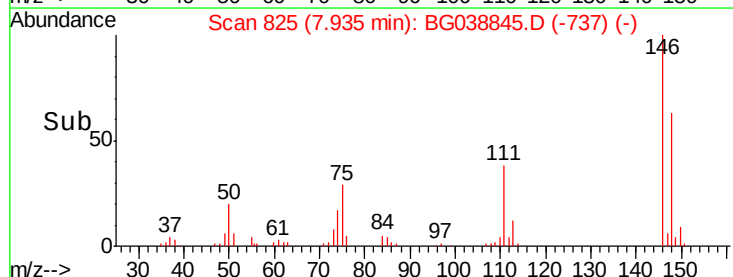
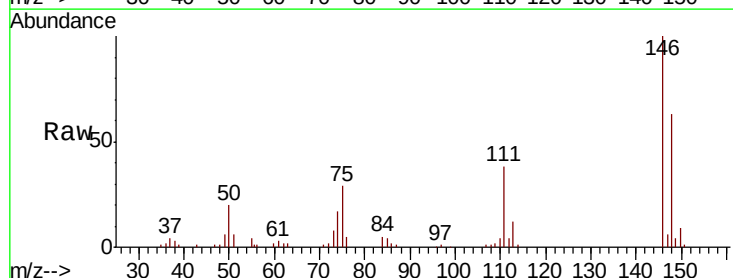
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

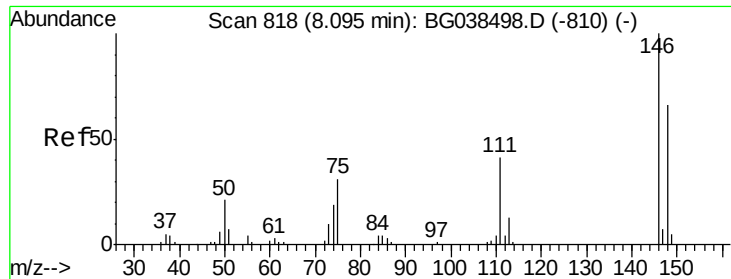
Tot Ion: 93 Resp: 45886
Ion Ratio Lower Upper
93 100
63 84.8 72.2 112.2
95 32.4 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.721 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 146 Resp: 57921
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.0
75 28.5 26.1 39.1

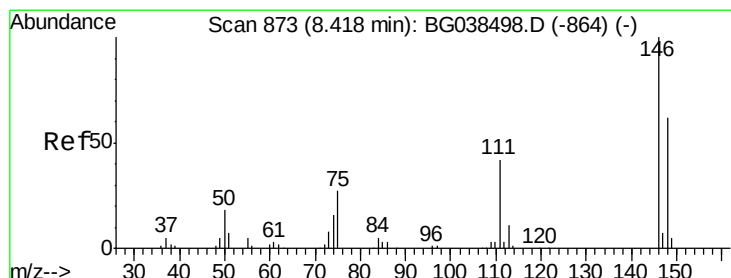
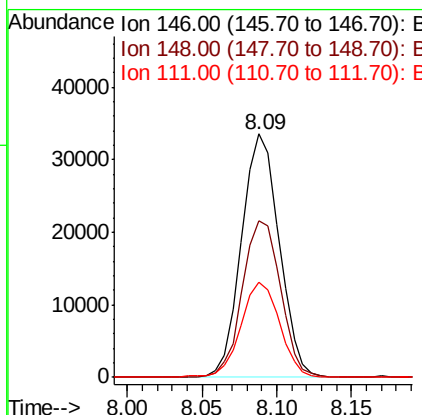
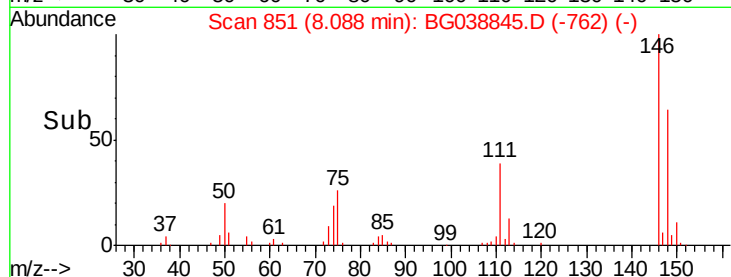
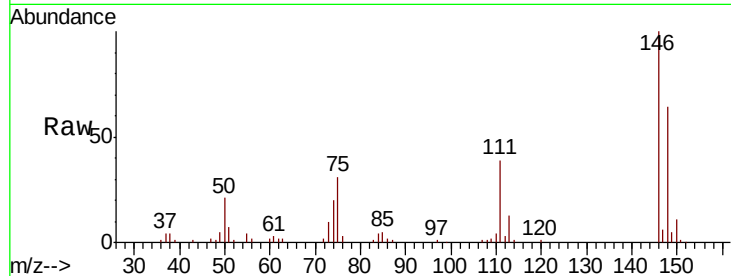




#13
 1,4-Dichlorobenzene
 Concen: 39.260 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

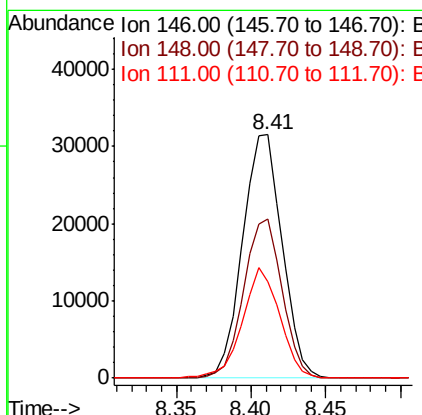
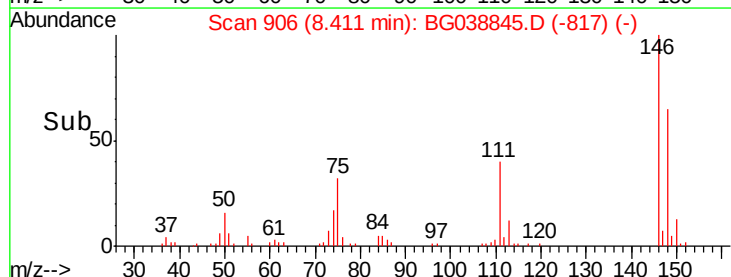
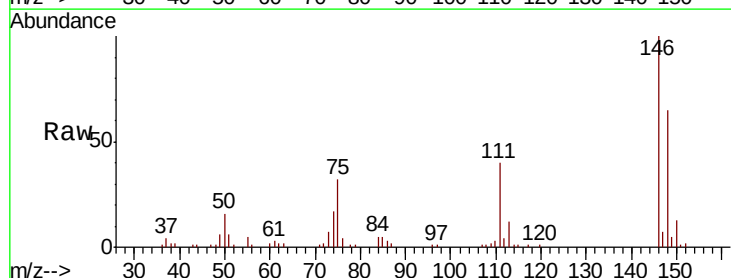
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

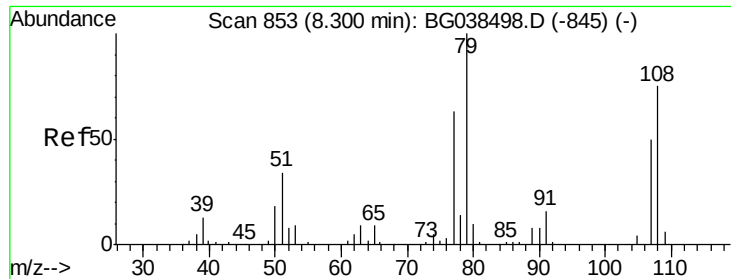
Tot Ion:146 Resp: 58632
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.4 78.6
 111 39.1 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 40.931 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion:146 Resp: 57628
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.4 74.0
 111 39.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 46.029 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

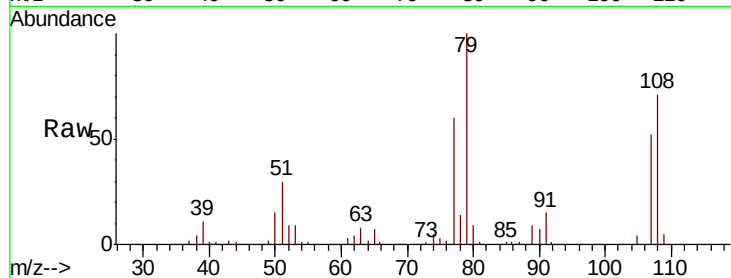
Tot Ion: 79 Resp: 52562

Ion Ratio Lower Upper

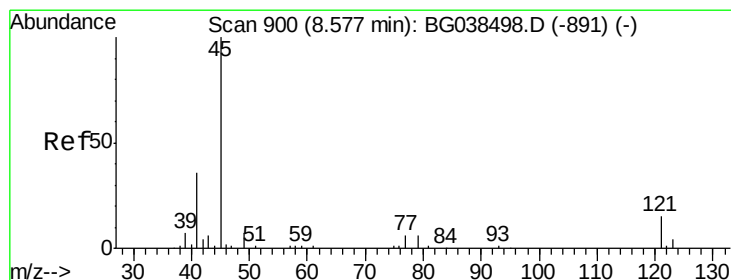
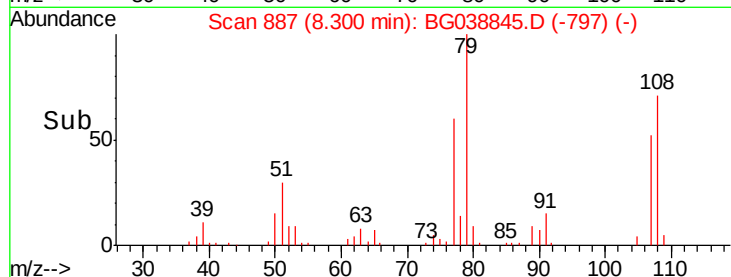
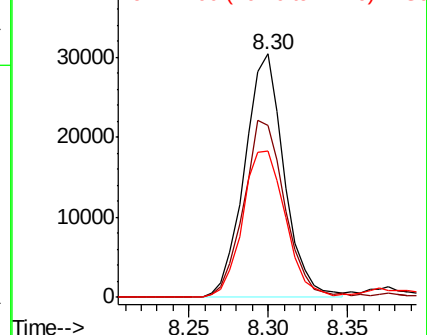
79 100

108 70.6 60.2 90.4

77 60.0 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.571 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

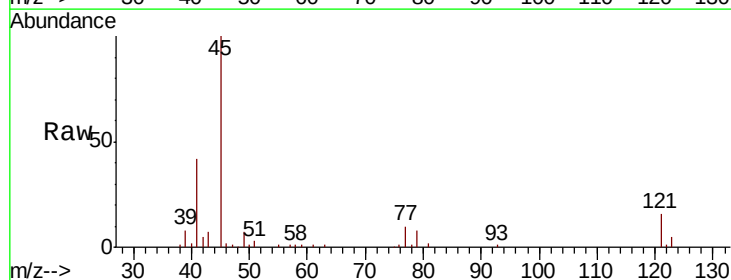
Tgt Ion: 45 Resp: 95165

Ion Ratio Lower Upper

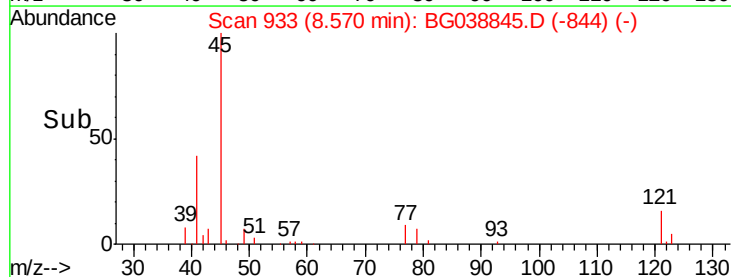
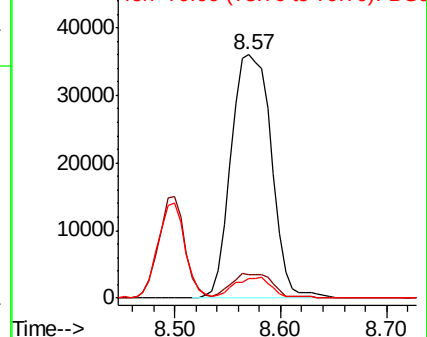
45 100

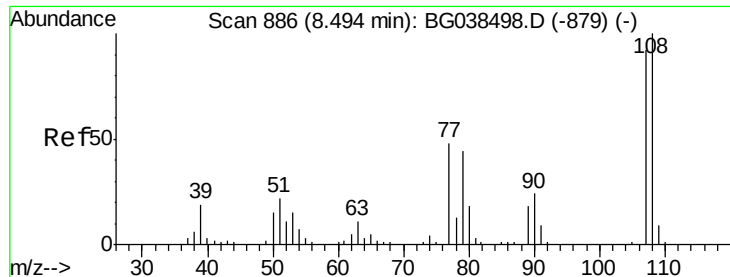
77 9.6 0.0 28.2

79 8.0 0.0 27.2



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

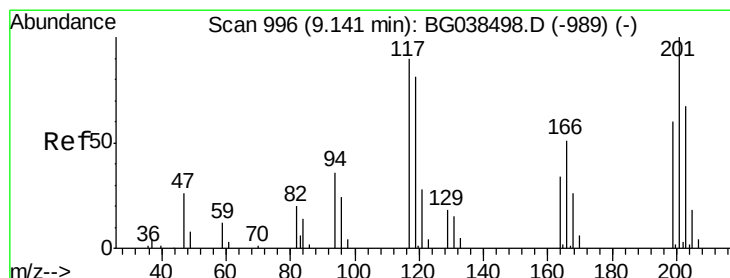
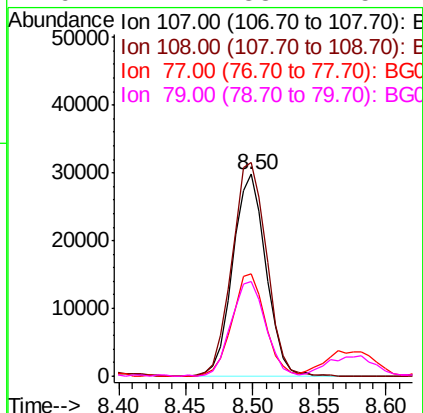
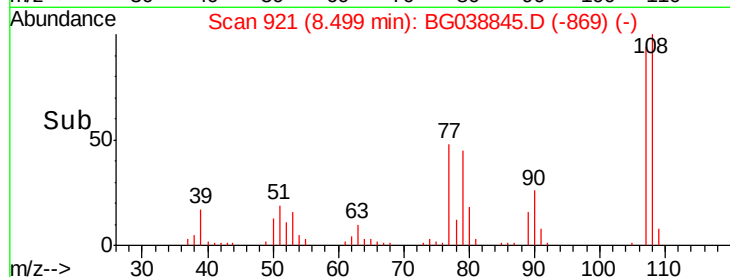
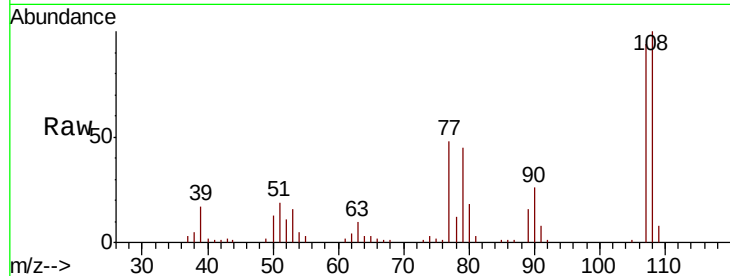




#17
2-Methylphenol
Concen: 49.402 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

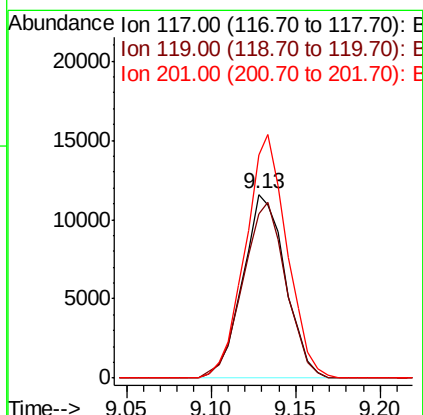
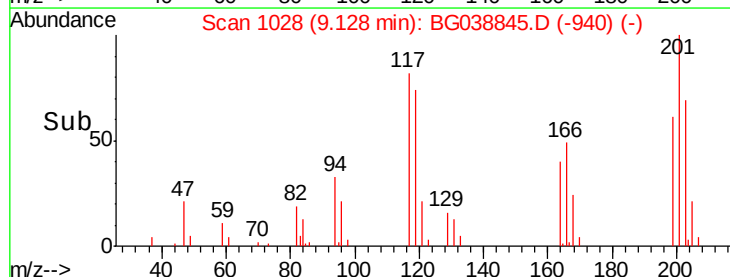
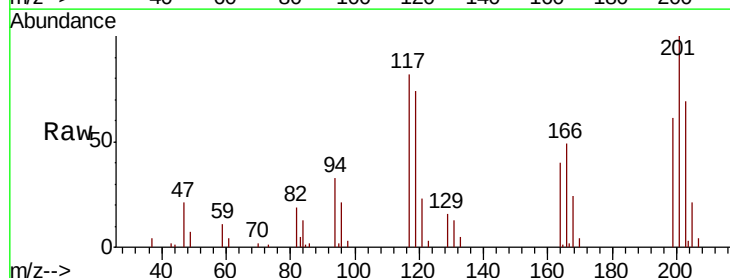
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

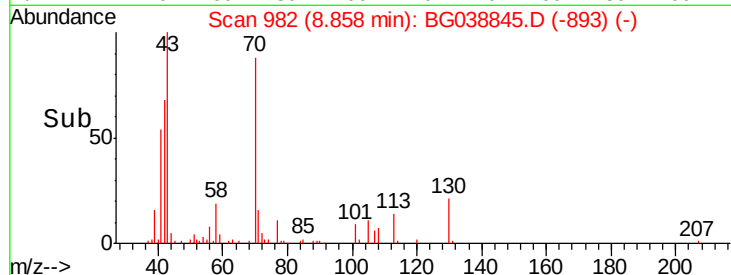
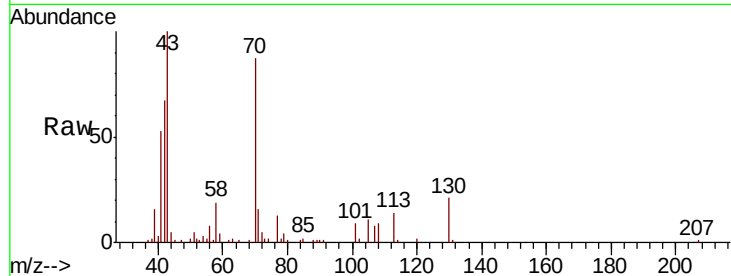
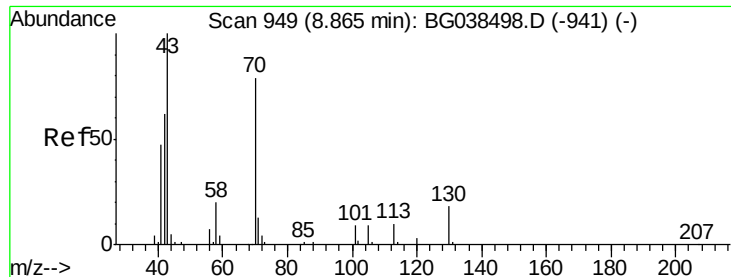
Tot Ion:107 Resp: 51445
Ion Ratio Lower Upper
107 100
108 105.9 87.1 130.7
77 50.7 42.0 63.0
79 47.1 38.2 57.2



#18
Hexachloroethane
Concen: 37.199 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:117 Resp: 20300
Ion Ratio Lower Upper
117 100
119 89.7 73.8 110.8
201 121.9 89.4 134.0

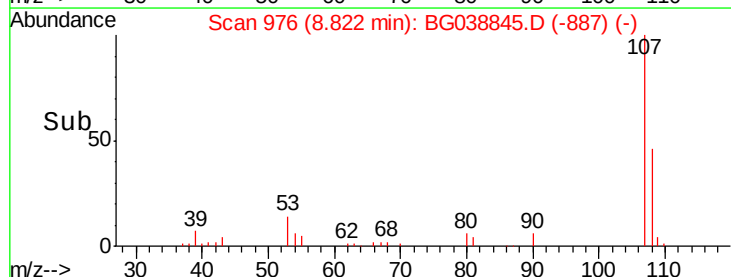
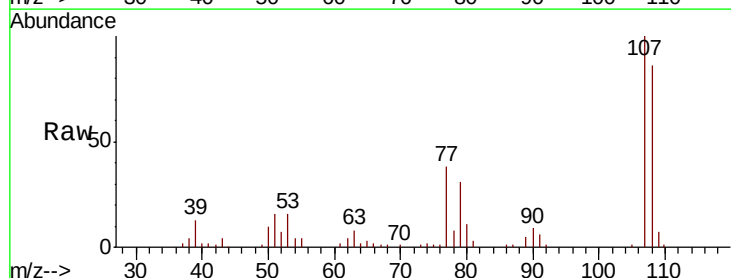
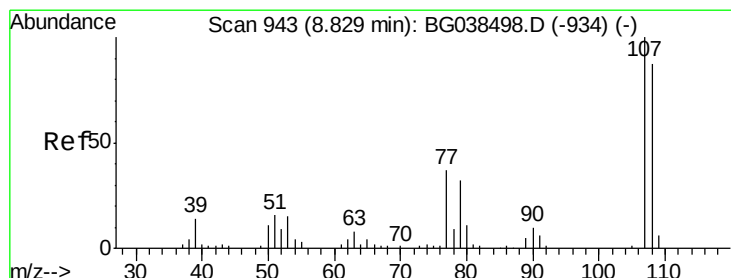
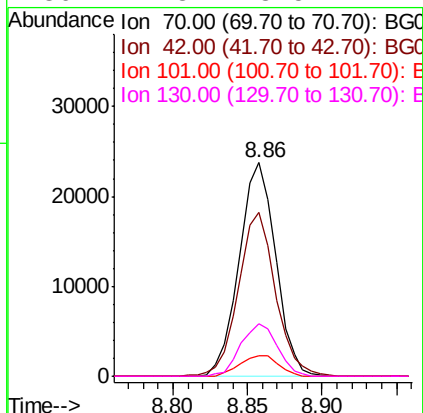




#19
n-Nitroso-di-n-propylamine
Concen: 39.248 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

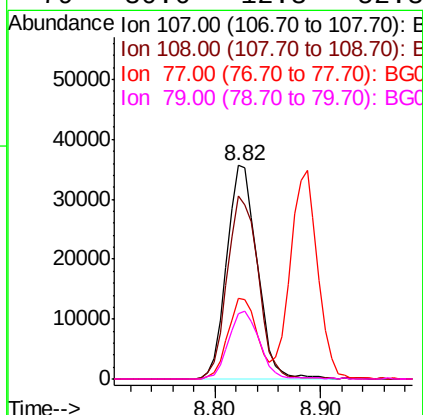
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

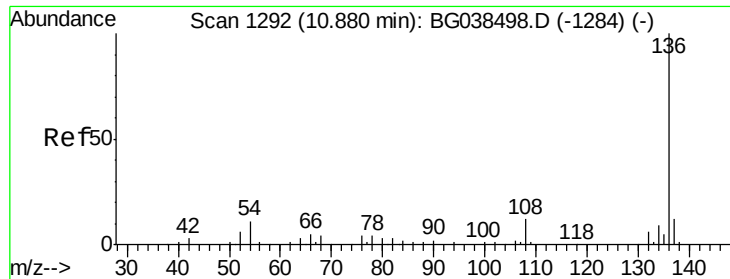
Tot Ion:	70	Resp:	40329
Ion	Ratio	Lower	Upper
70	100		
42	76.6	63.6	95.4
101	9.8	9.2	13.8
130	24.3	18.5	27.7



#20
3+4-Methylphenols
Concen: 49.359 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:	107	Resp:	70987
Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.7	106.7
77	37.8	17.3	57.3
79	30.6	12.3	52.3

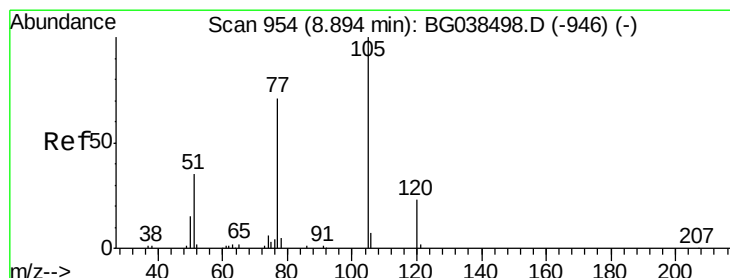
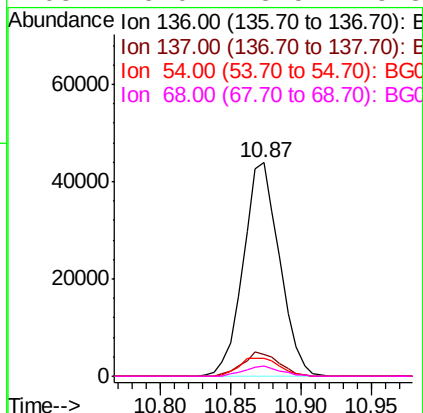
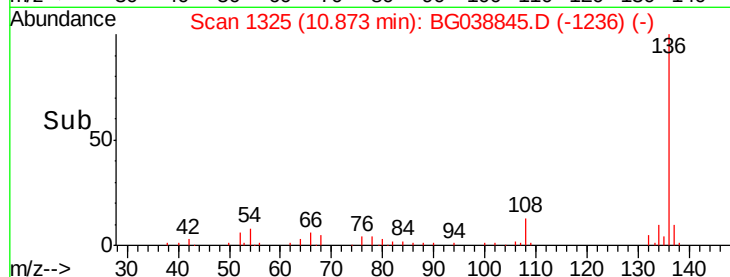
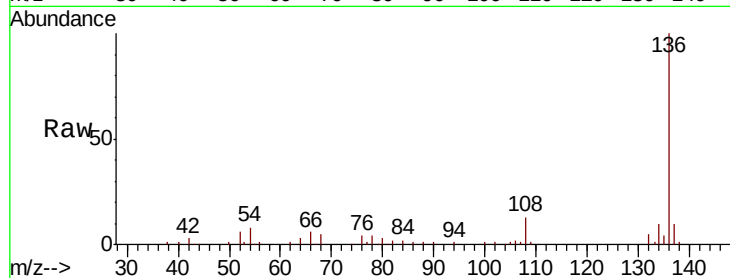




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

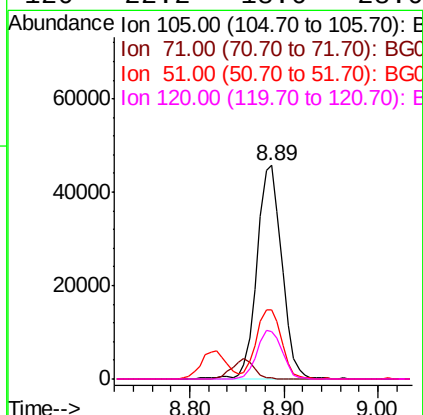
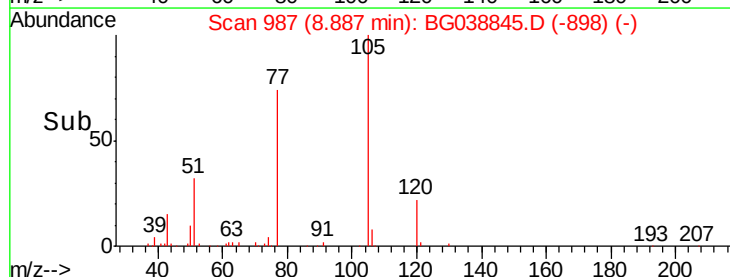
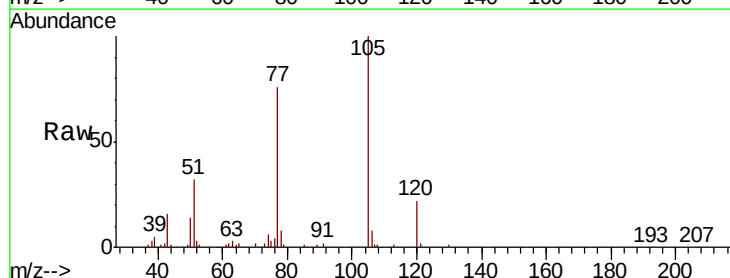
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

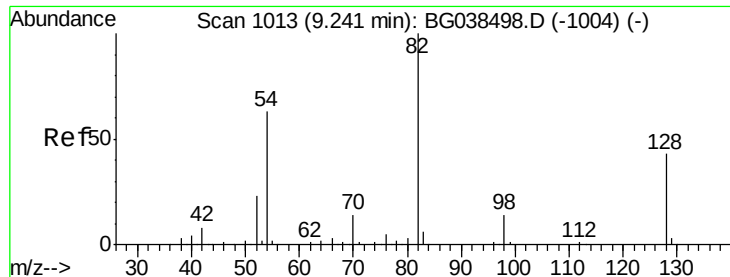
Tot Ion:136	Resp:	78913
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.3 13.9
54	8.3	8.5 12.7#
68	5.0	3.5 5.3



#22
Acetophenone
Concen: 42.478 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:105	Resp:	83728
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.4 0.6#
51	32.4	30.6 46.0
120	22.2	18.6 28.0

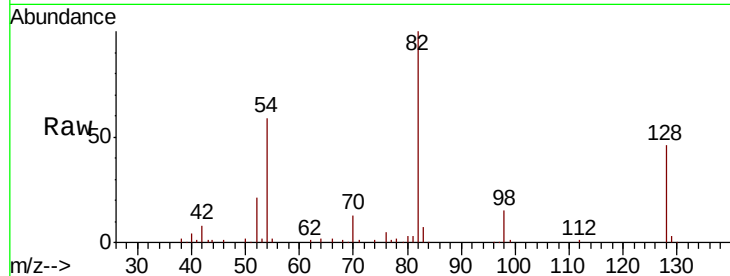




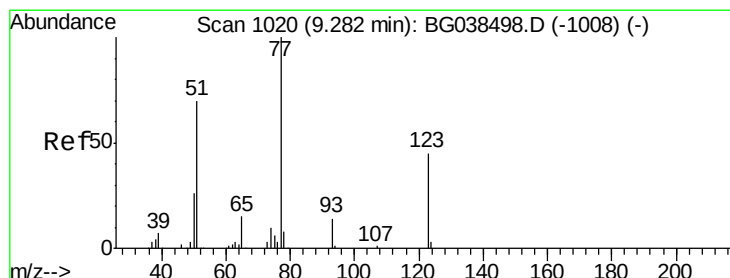
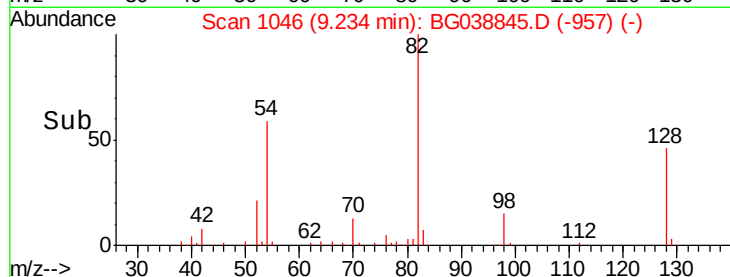
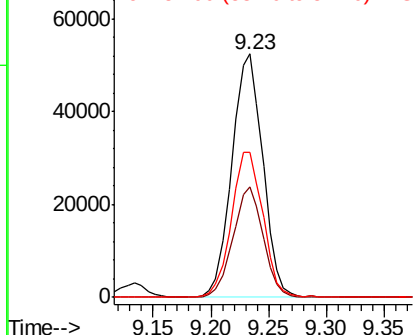
#23
Nitrobenzene-d5
Concen: 62.927 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion: 82 Resp: 97202
Ion Ratio Lower Upper
82 100
128 45.6 34.6 52.0
54 59.4 50.6 76.0

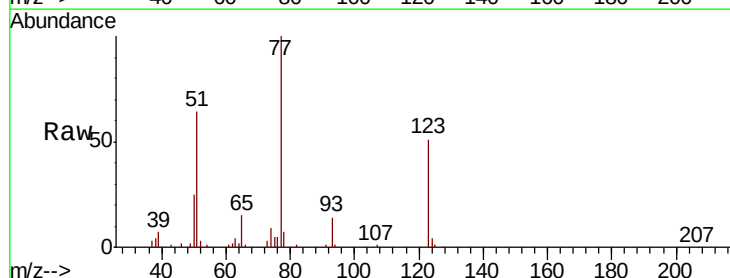


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

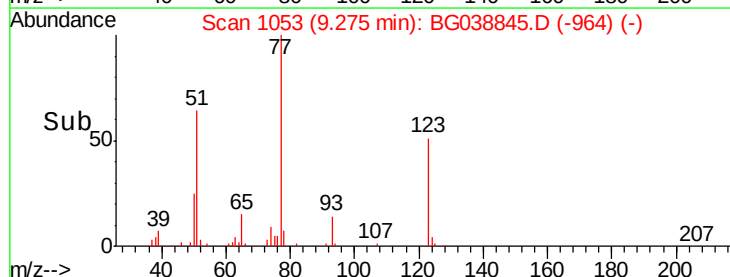
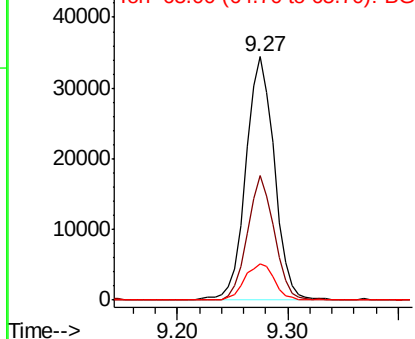


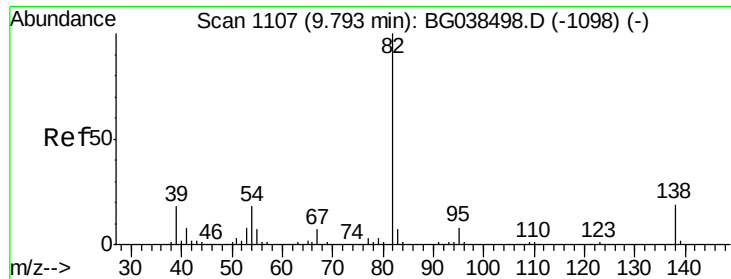
#24
Nitrobenzene
Concen: 39.862 ng
RT: 9.27 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 77 Resp: 62290
Ion Ratio Lower Upper
77 100
123 51.4 35.9 53.9
65 15.1 12.0 18.0



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

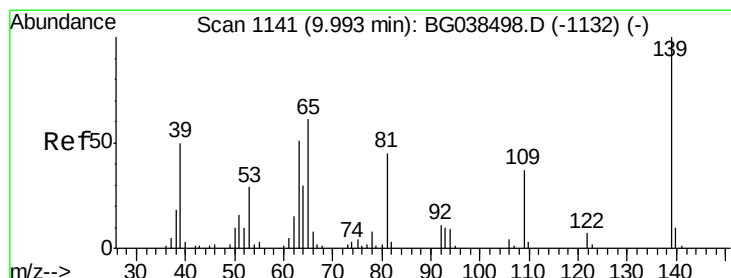
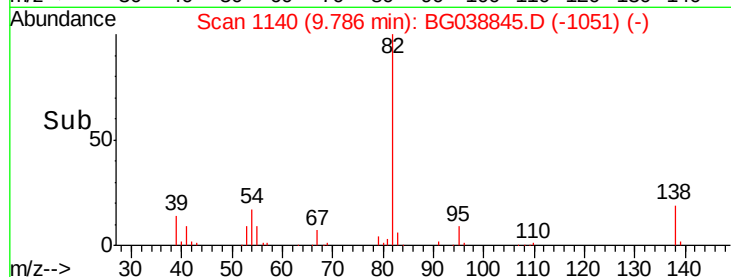
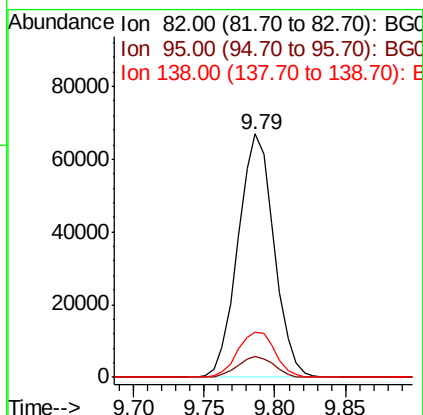
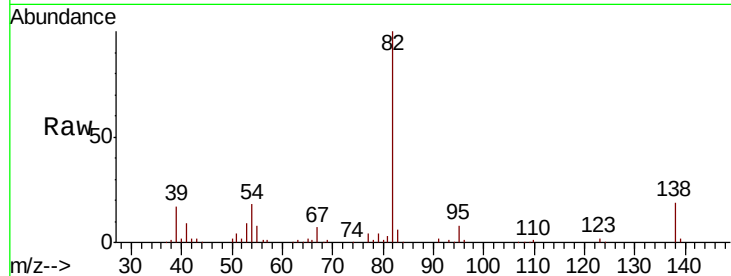




#25
Isophorone
Concen: 42.907 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

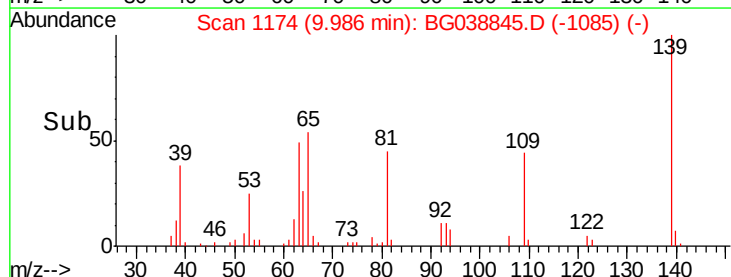
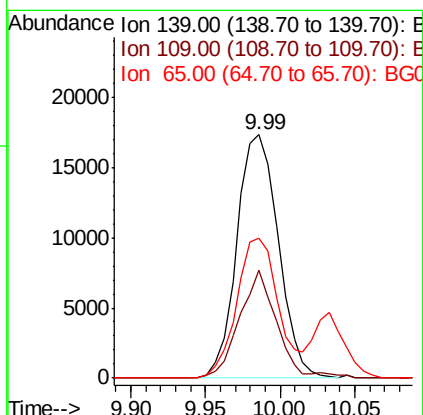
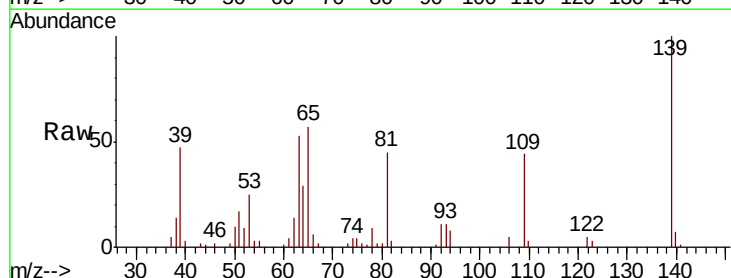
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

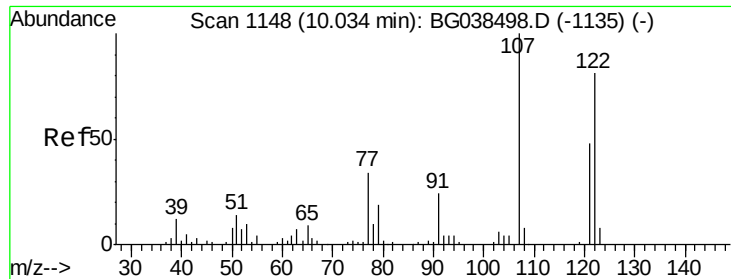
Tot Ion: 82 Resp: 119081
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 18.7 14.9 22.3



#26
2-Nitrophenol
Concen: 41.949 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 139 Resp: 33550
Ion Ratio Lower Upper
139 100
109 44.4 29.5 44.3#
65 57.3 48.5 72.7

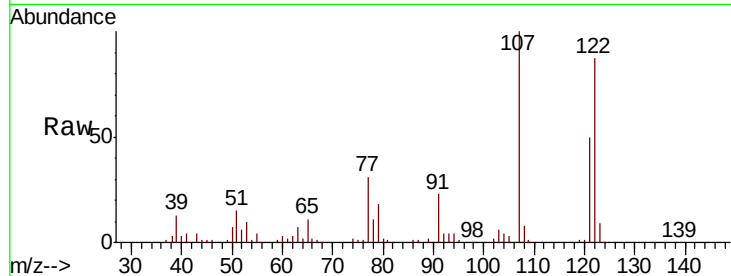




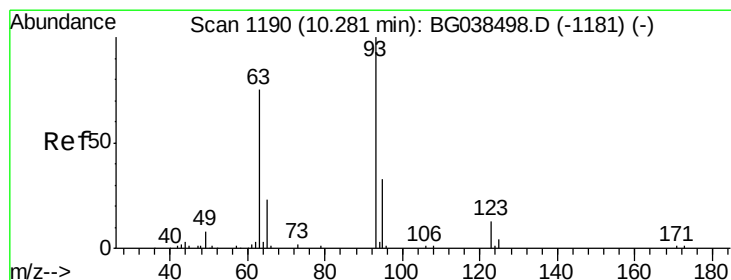
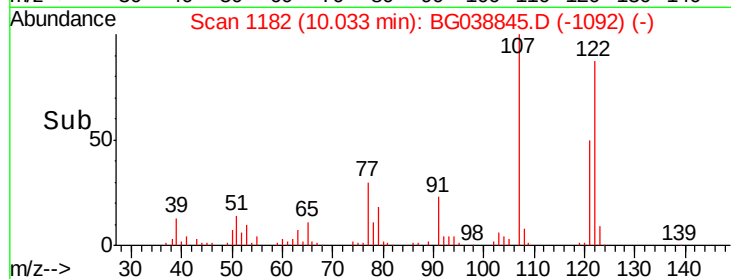
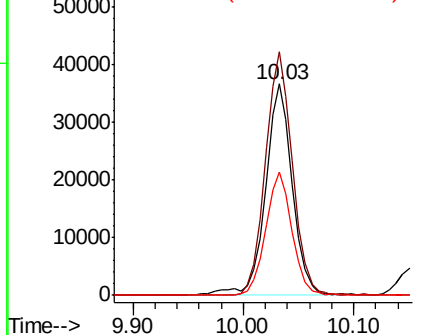
#27
 2,4-Dimethylphenol
 Concen: 54.005 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Tot Ion:122 Resp: 61902
 Ion Ratio Lower Upper
 122 100
 107 115.4 98.4 147.6
 121 58.3 47.2 70.8

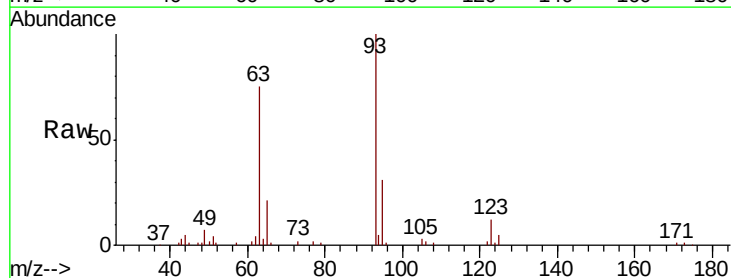


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

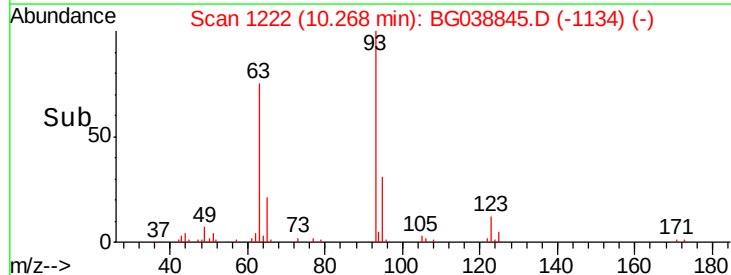
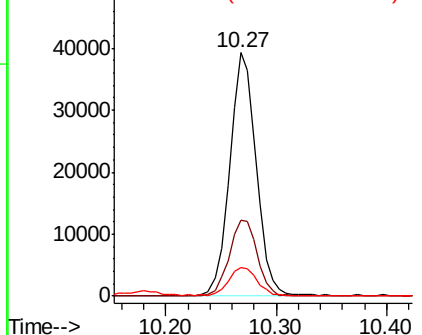


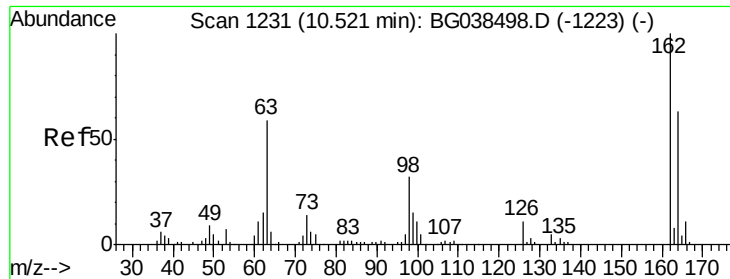
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.157 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion: 93 Resp: 66026
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.6 40.0
 123 11.6 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

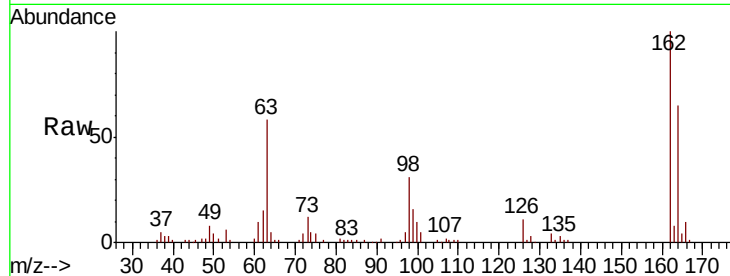




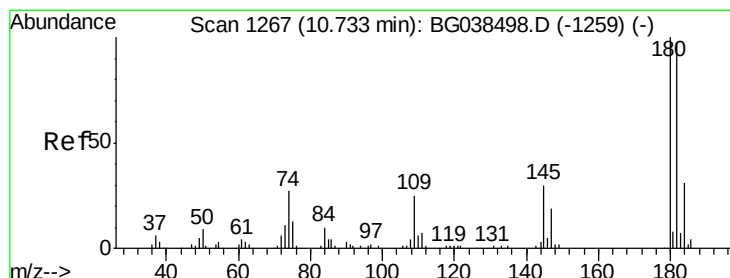
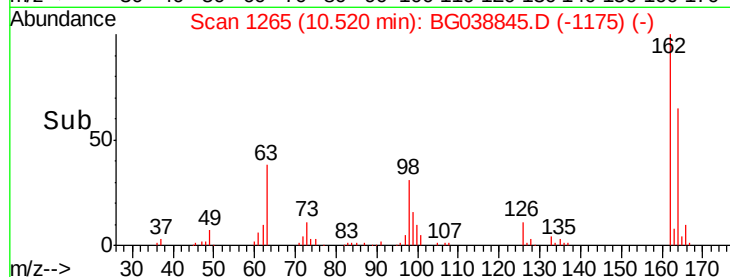
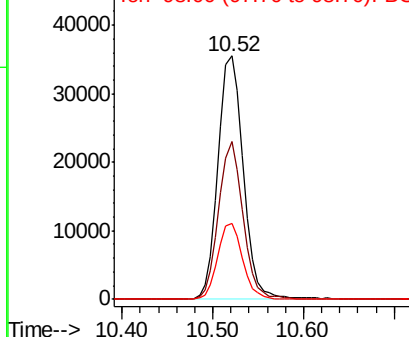
#29
2,4-Dichlorophenol
Concen: 54.057 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:162 Resp: 68931
Ion Ratio Lower Upper
162 100
164 65.0 42.9 82.9
98 31.0 12.1 52.1

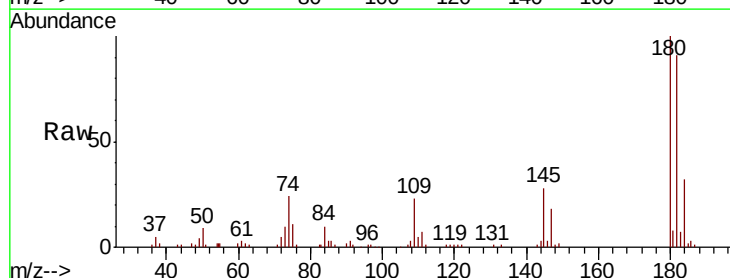


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

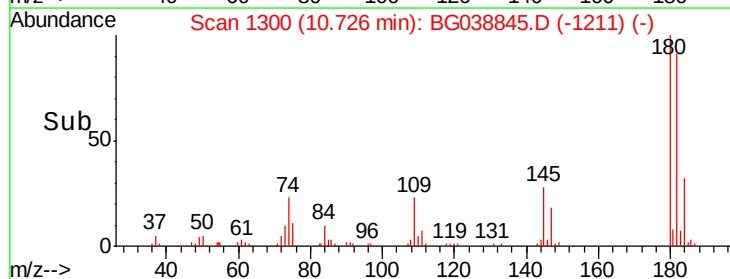
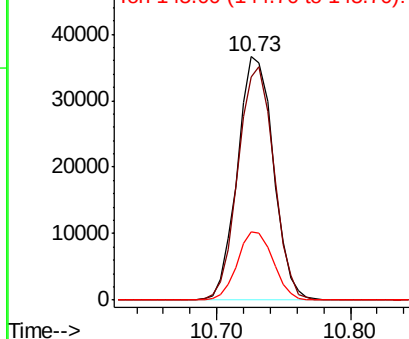


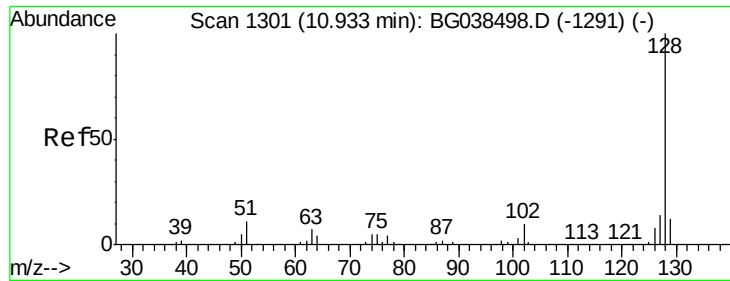
#30
1,2,4-Trichlorobenzene
Concen: 44.215 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:180 Resp: 68104
Ion Ratio Lower Upper
180 100
182 91.4 77.4 116.0
145 28.0 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

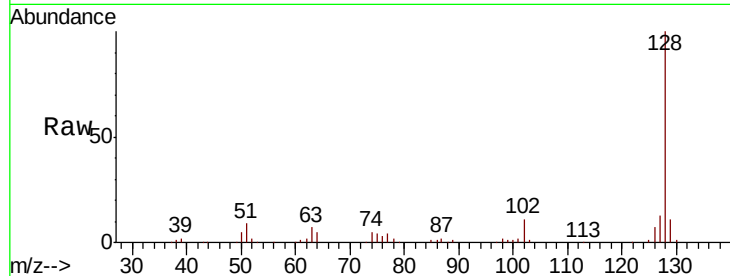




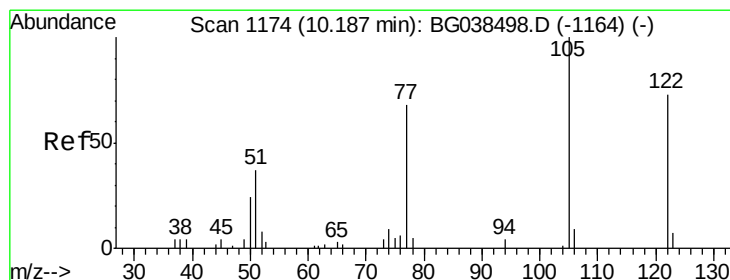
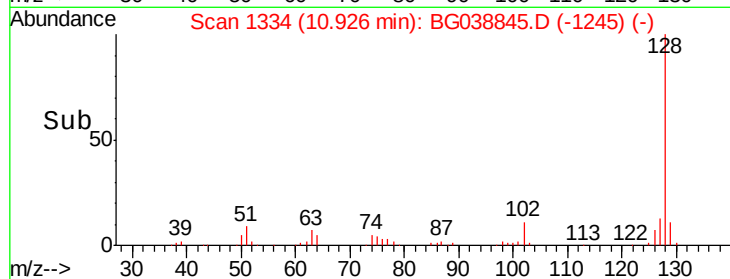
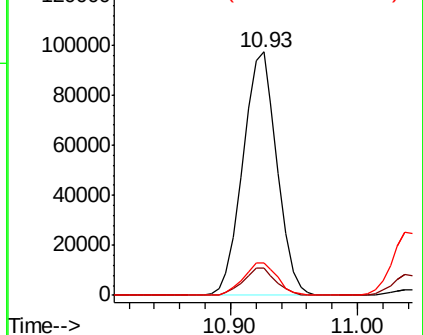
#31
Naphthalene
Concen: 46.599 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:128 Resp: 181182
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.1 10.9 16.3

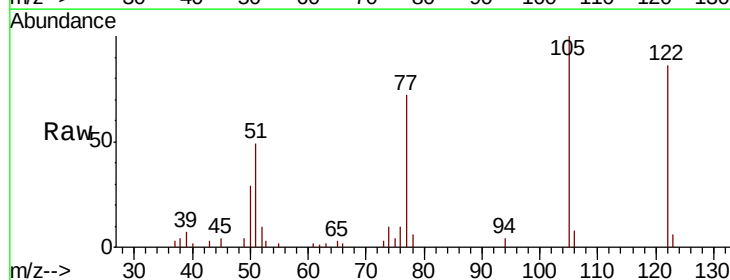


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

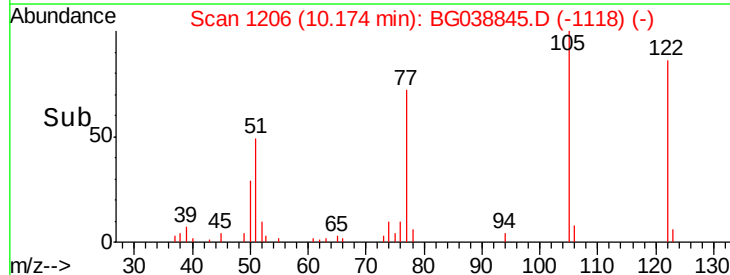
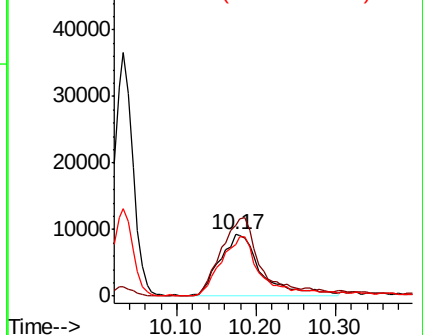


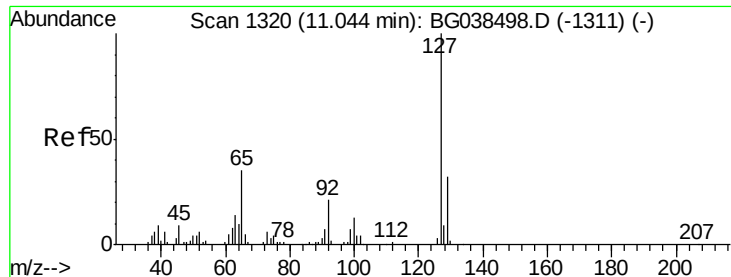
#32
Benzoic acid
Concen: 47.100 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:122 Resp: 34116
Ion Ratio Lower Upper
122 100
105 116.4 116.7 156.7#
77 84.4 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

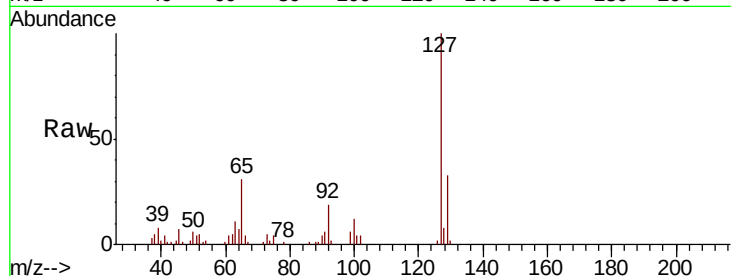




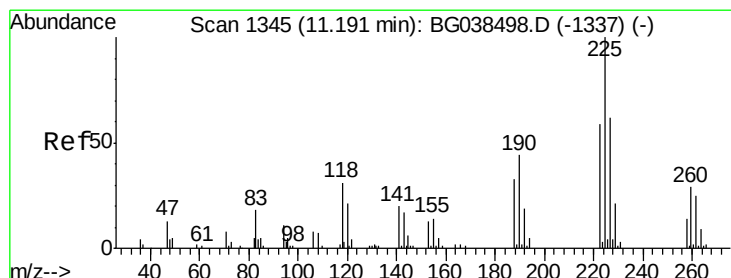
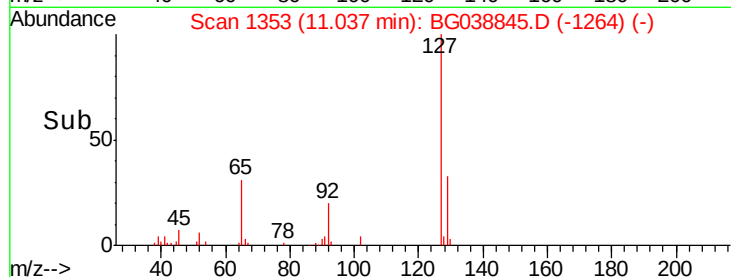
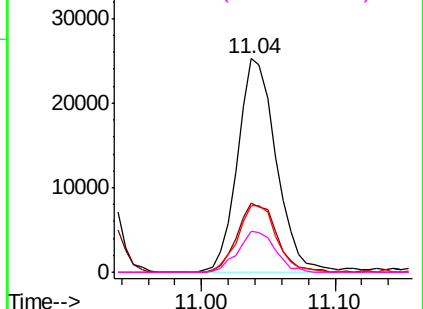
#33
4-Chloroaniline
Concen: 29.924 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:127	Resp:	50512
Ion Ratio	Lower	Upper
127	100	
129	32.5	25.8 38.8
65	31.4	27.8 41.6
92	19.2	17.0 25.6

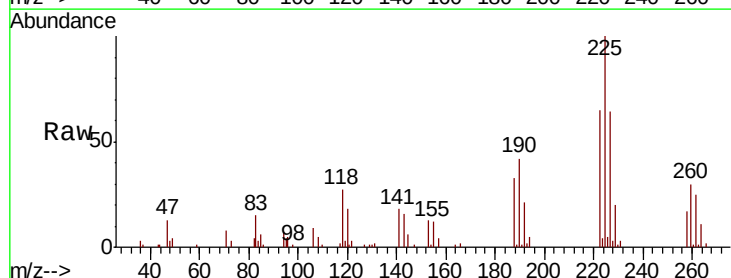


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

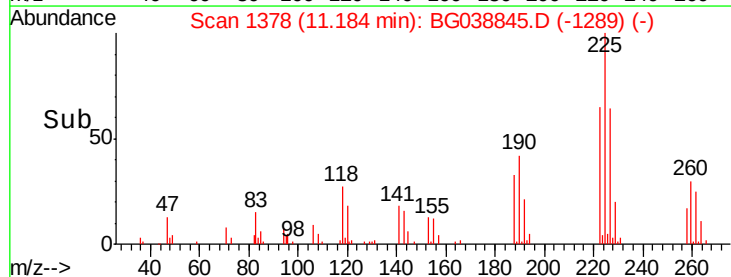
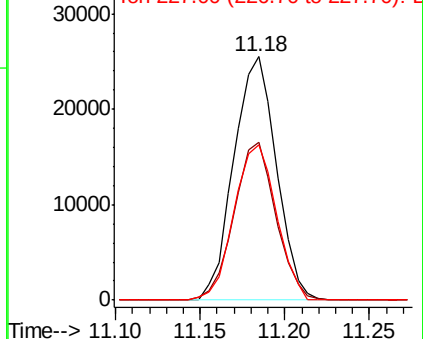


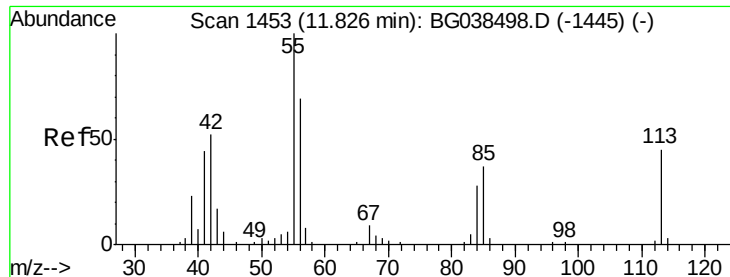
#34
Hexachlorobutadiene
Concen: 42.900 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:225	Resp:	44711
Ion Ratio	Lower	Upper
225	100	
223	61.4	45.0 67.6
227	63.5	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: 46.565 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

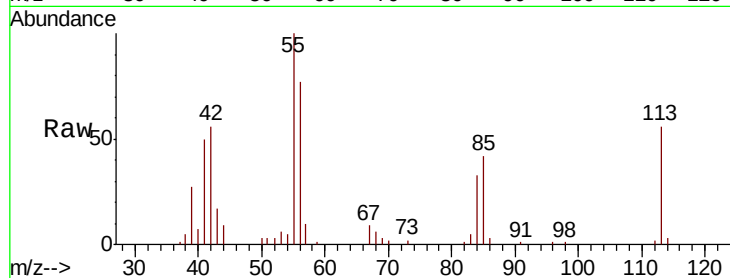
Tot Ion:113 Resp: 24573

Ion Ratio Lower Upper

113 100

55 177.1 204.3 244.3#

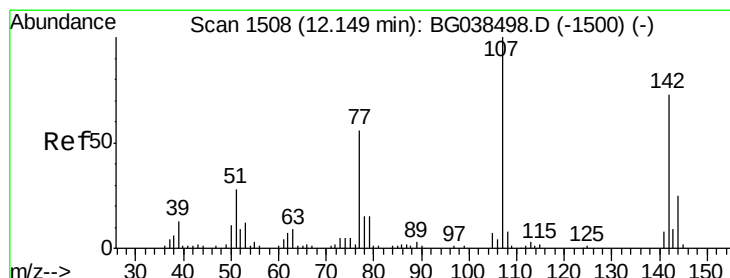
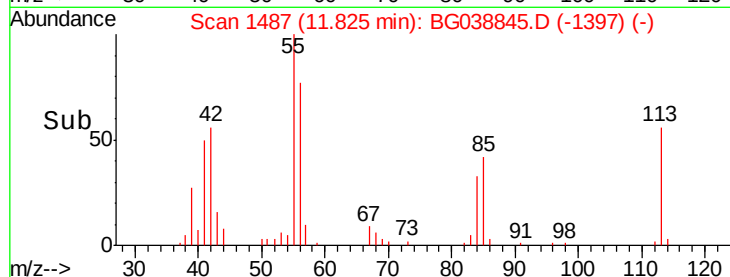
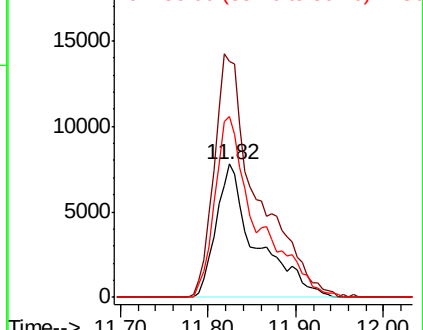
56 135.7 135.0 175.0



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: 49.252 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

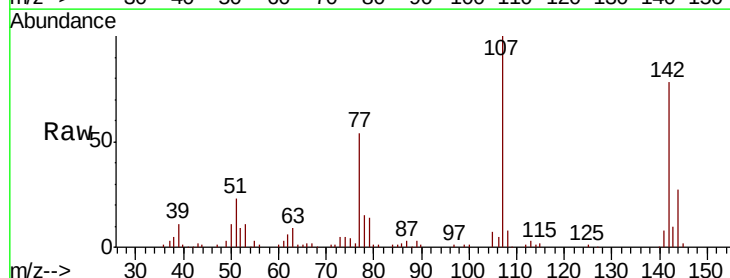
Tgt Ion:107 Resp: 71670

Ion Ratio Lower Upper

107 100

144 26.8 20.1 30.1

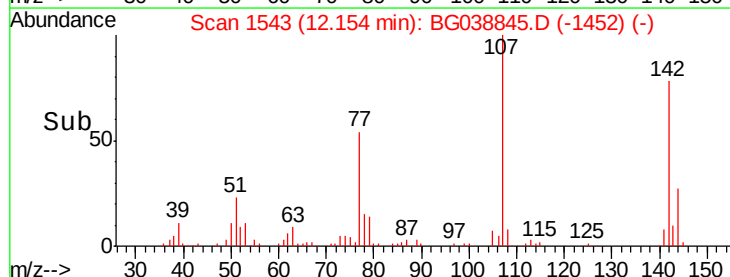
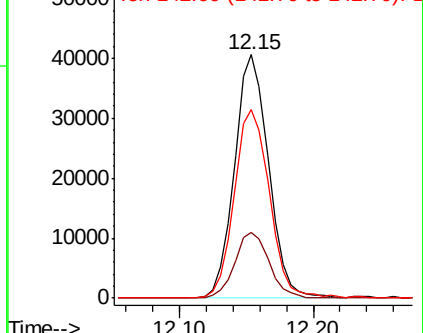
142 77.6 58.7 88.1

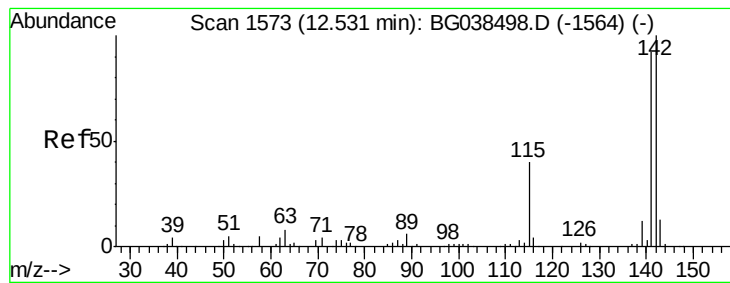


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 50.976 ng

RT: 12.52 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

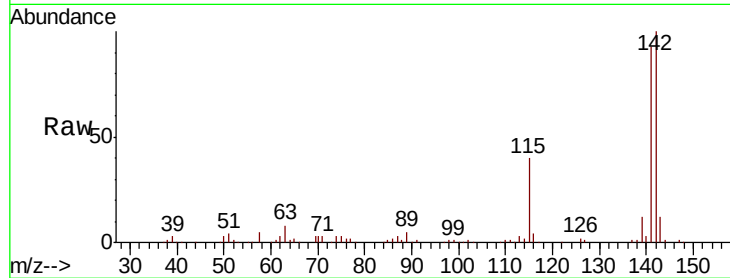
Tot Ion:142 Resp: 141399

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3

115 39.7 31.7 47.5

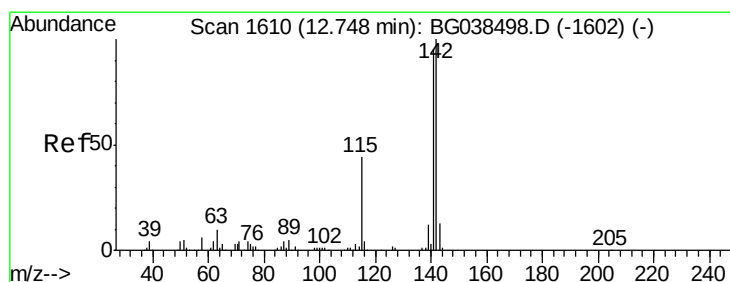
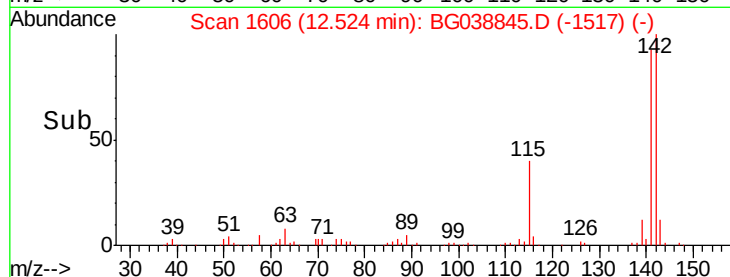
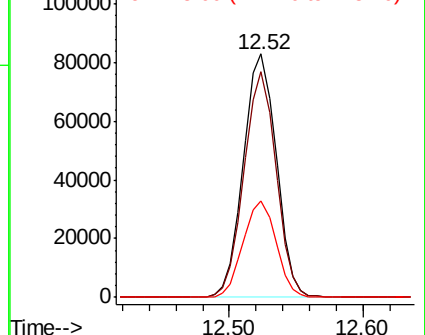


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.033 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

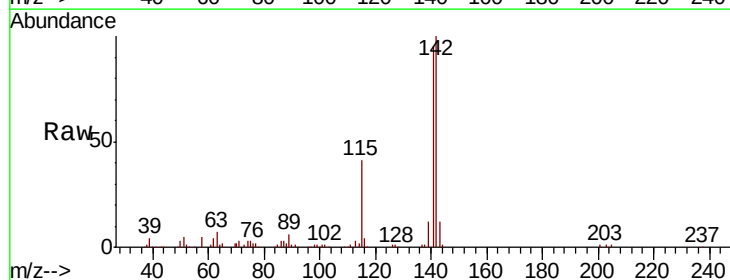
Tgt Ion:142 Resp: 134673

Ion Ratio Lower Upper

142 100

141 95.2 75.8 113.8

116 4.2 3.6 5.4

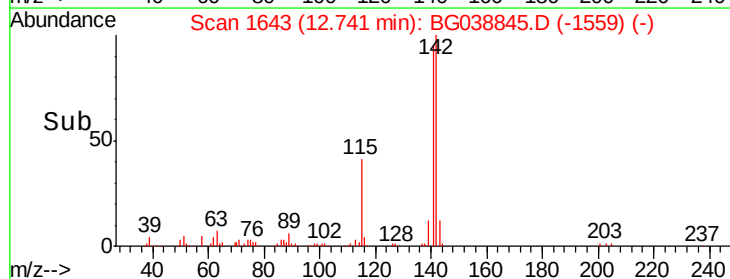
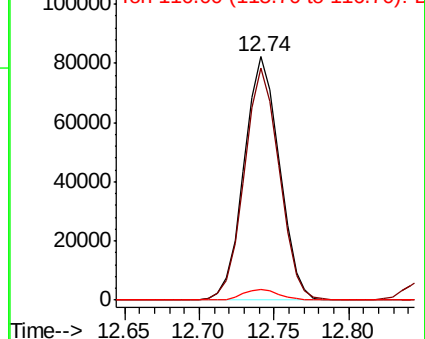


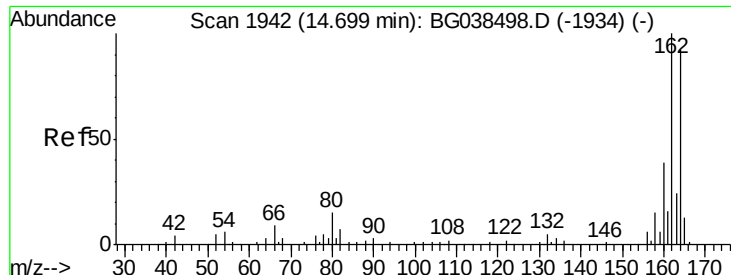
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

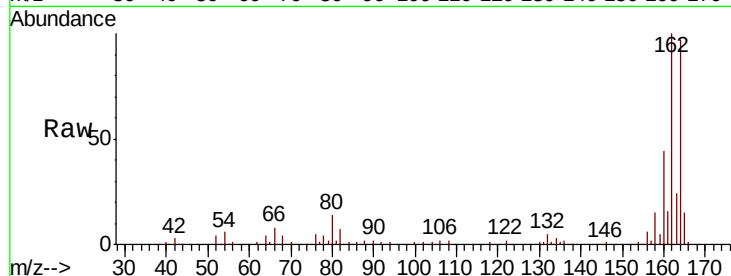
Tot Ion:164 Resp: 58828

Ion Ratio Lower Upper

164 100

162 103.0 86.6 130.0

160 44.8 34.2 51.2

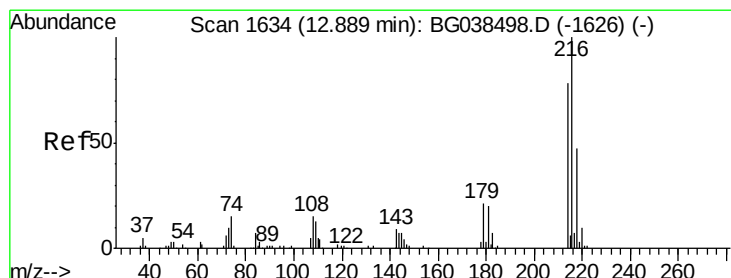
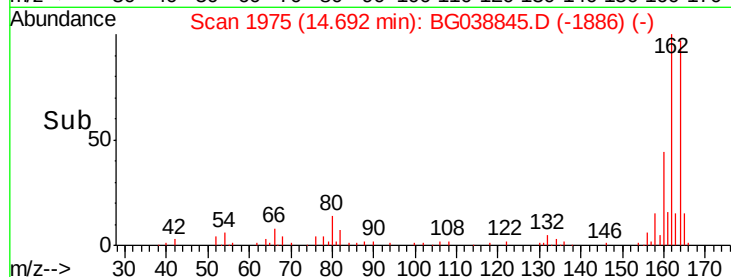
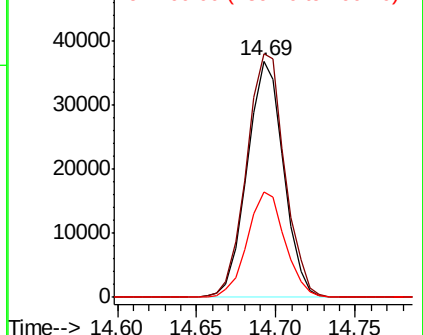


Abundance

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: 40.385 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Tgt Ion:216 Resp: 88805

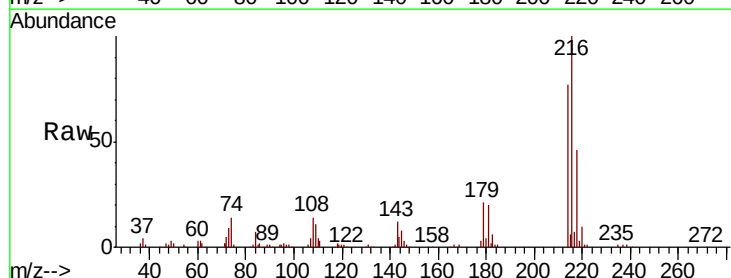
Ion Ratio Lower Upper

216 100

214 79.2 64.1 96.1

179 20.2 16.4 24.6

108 17.0 13.9 20.9



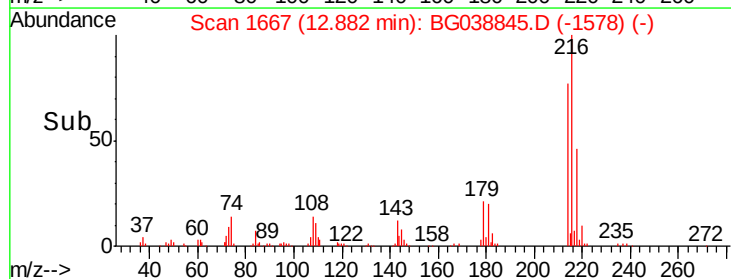
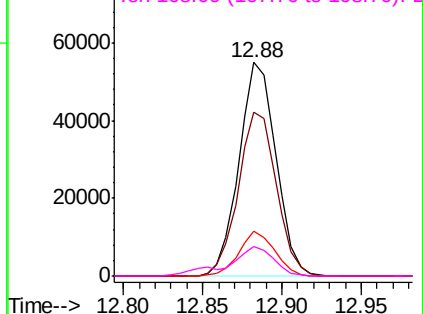
Abundance

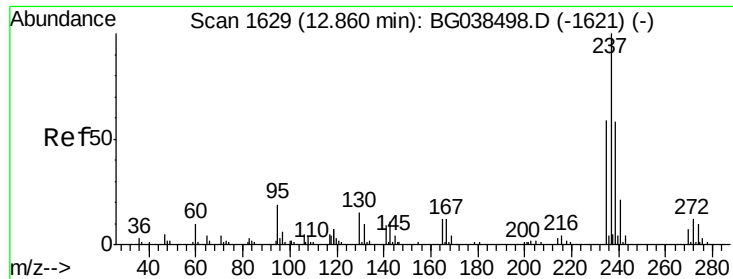
Ion 216.00 (215.70 to 216.70): E

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: 89.338 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

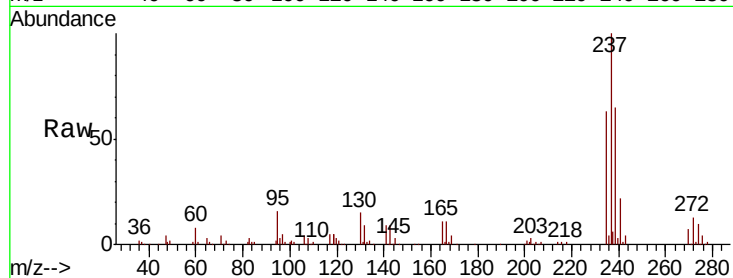
Tot Ion:237 Resp: 107930

Ion Ratio Lower Upper

237 100

235 62.5 38.8 78.8

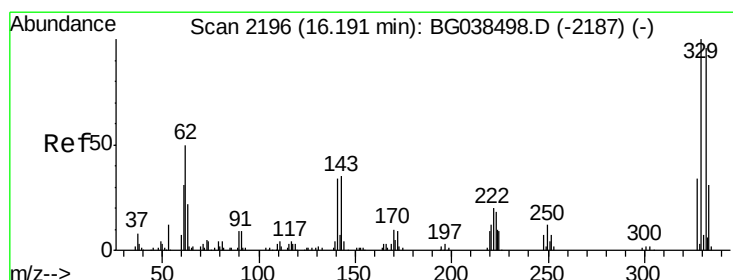
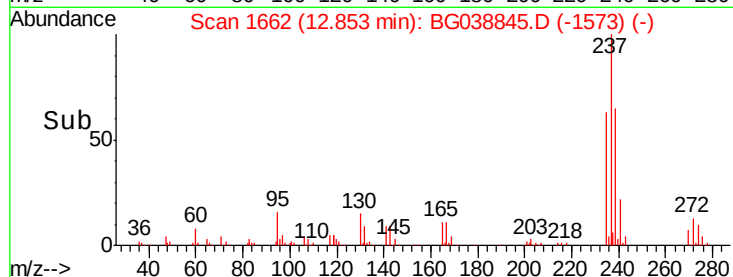
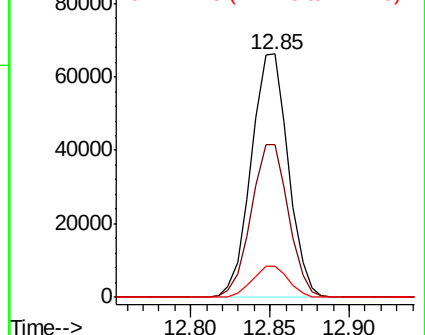
272 13.0 0.0 32.0



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: 146.880 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

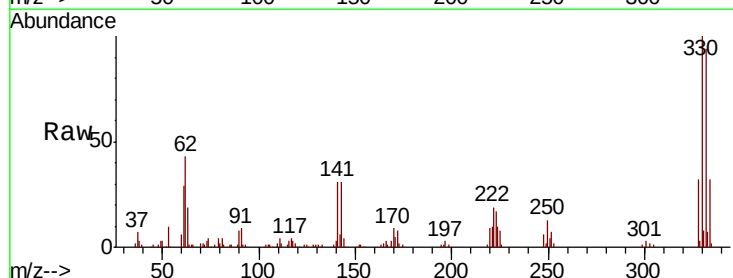
Tgt Ion:330 Resp: 119084

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

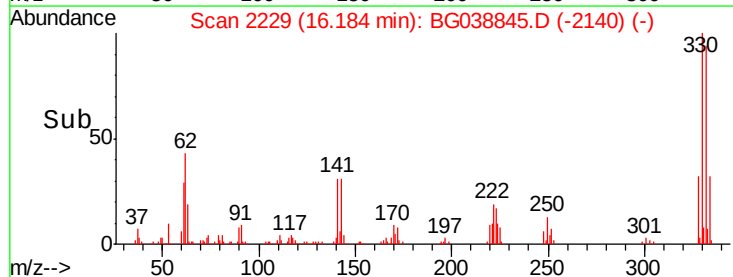
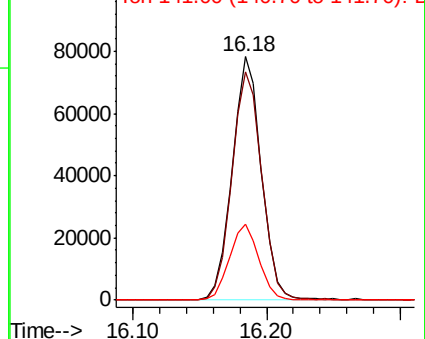
141 31.8 28.8 43.2

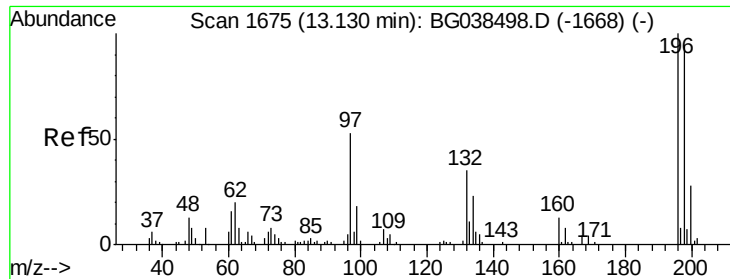


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

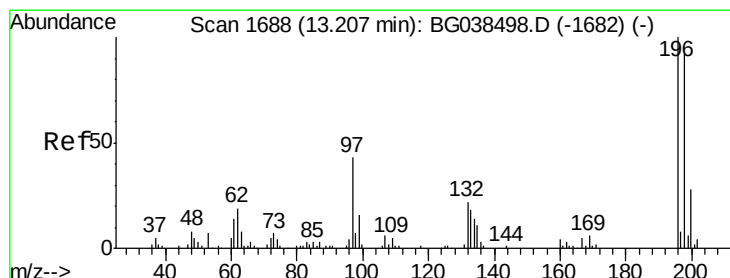
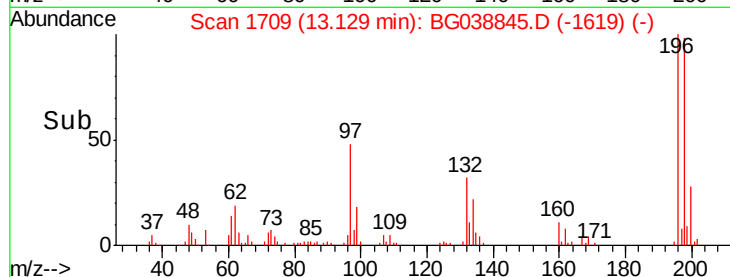
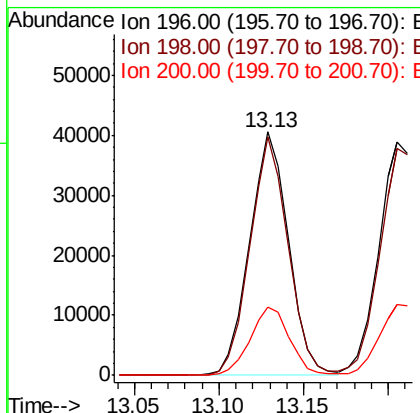
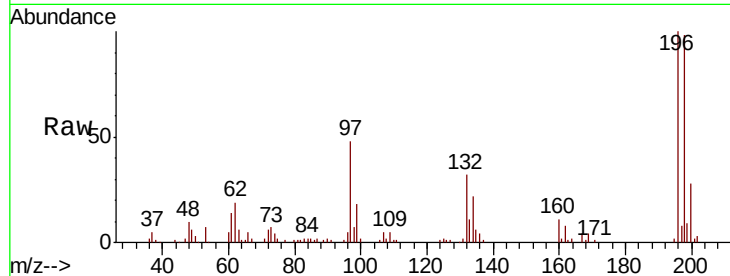




#43
 2,4,6-Trichlorophenol
 Concen: 47.911 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

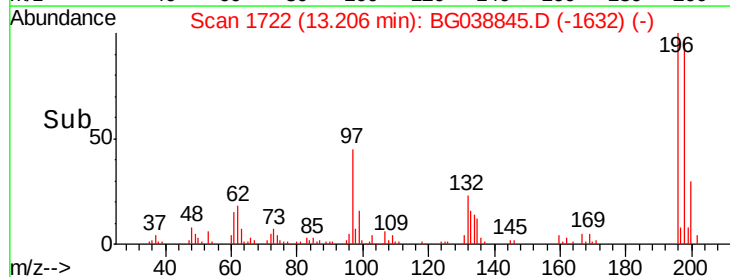
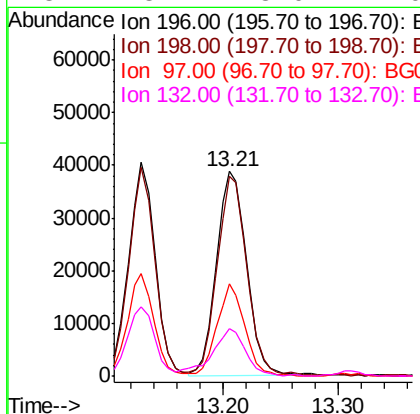
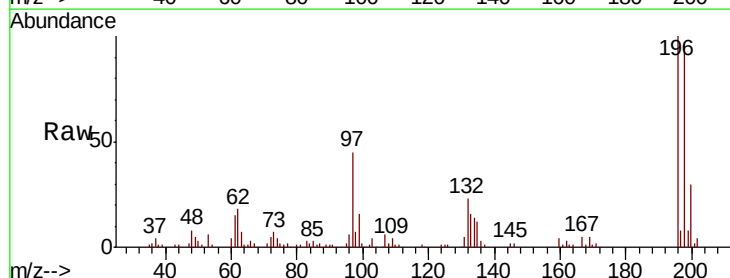
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

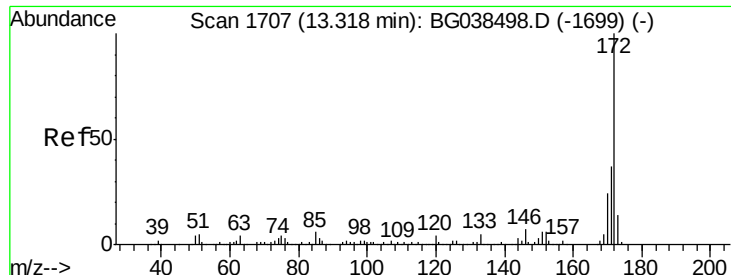
Tot Ion:196 Resp: 64779
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.0 112.4
 200 28.1 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 48.936 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion:196 Resp: 70054
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.0 111.0
 97 44.8 35.1 52.7
 132 23.4 18.0 27.0

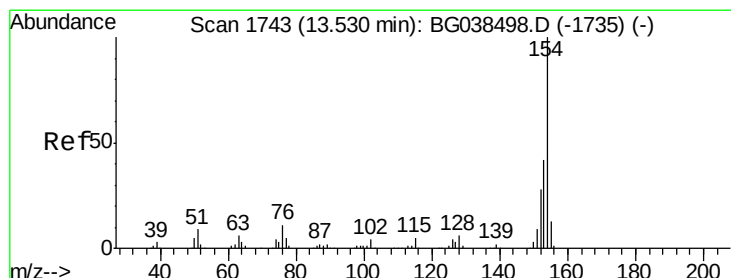
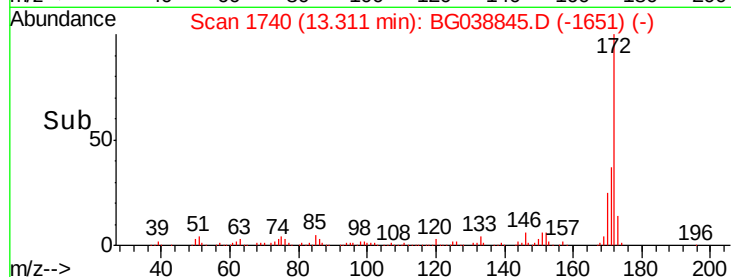
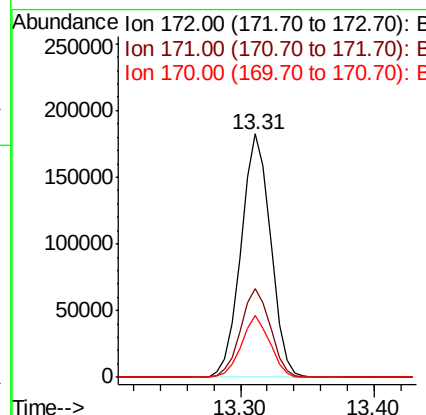
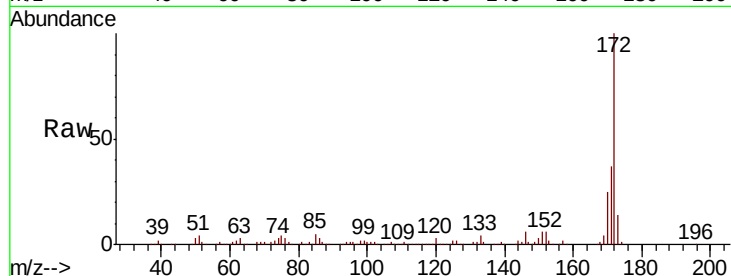




#45
2-Fluorobiphenyl
Concen: 65.266 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

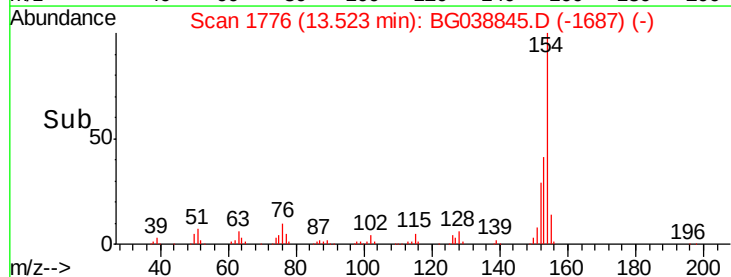
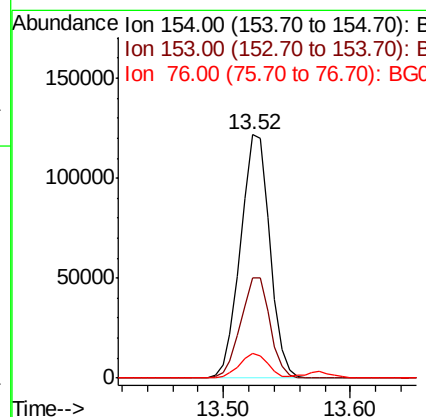
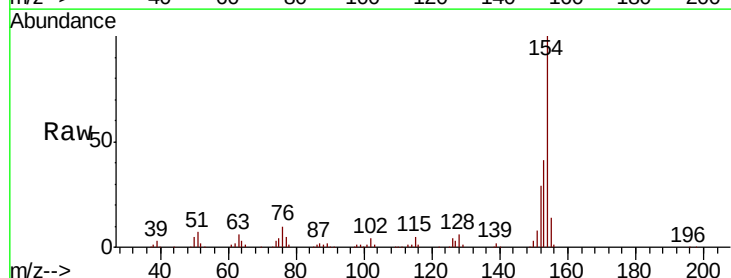
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

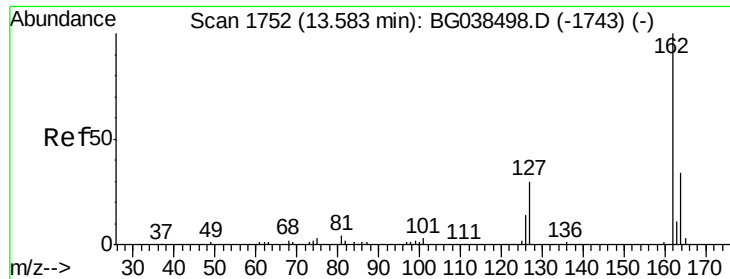
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	25.2	19.5	29.3



#46
1,1'-Biphenyl
Concen: 39.478 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.1	62.1
76	10.2	0.0	31.2

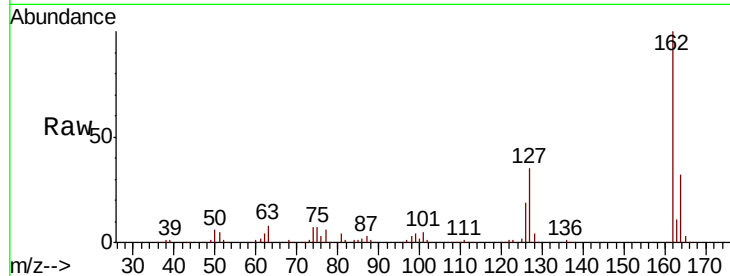




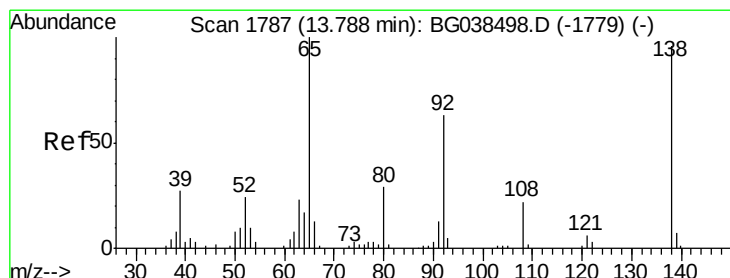
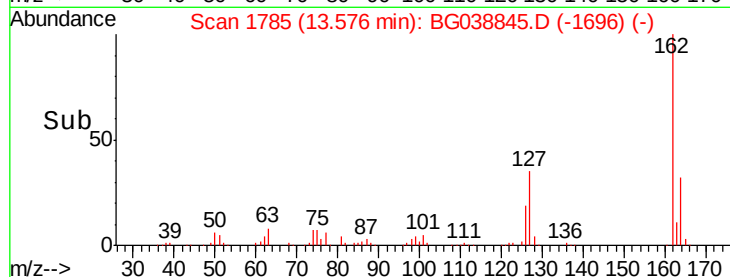
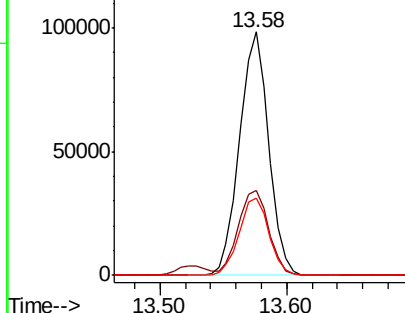
#47
 2-Chloronaphthalene
 Concen: 41.042 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.8	27.8	41.8
164	31.8	26.9	40.3

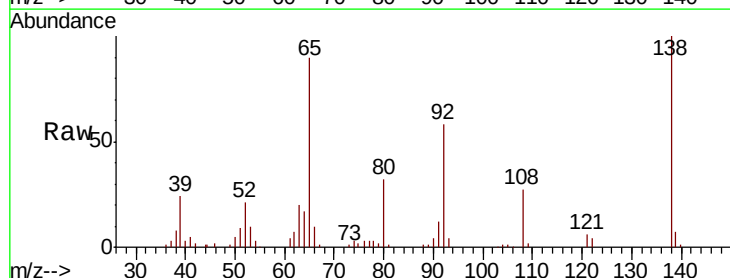


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

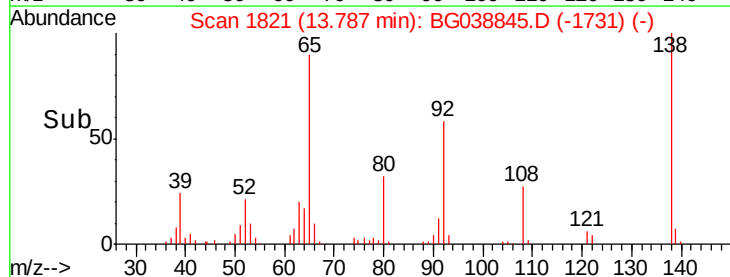
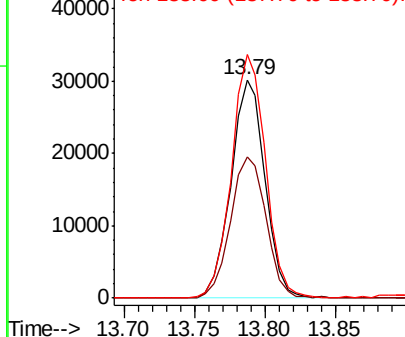


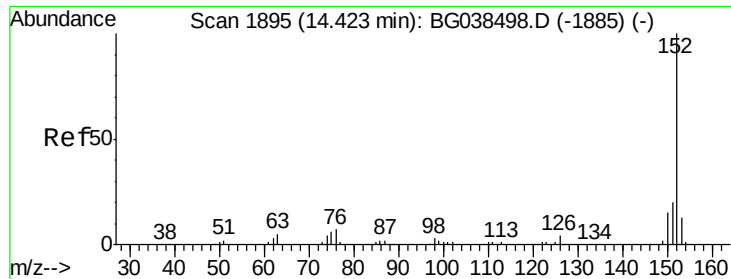
#48
 2-Nitroaniline
 Concen: 41.713 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.9	50.0	75.0
138	111.6	76.9	115.3



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





#49

Acenaphthylene

Concen: 45.979 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

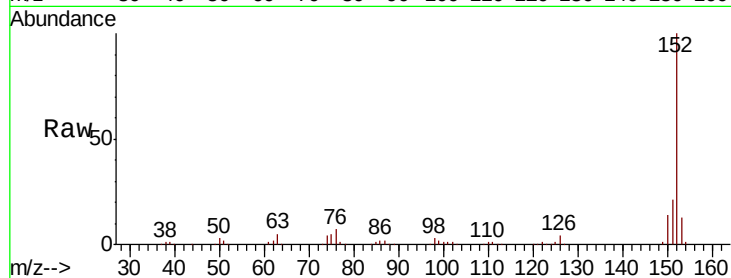
Tot Ion:152 Resp: 261852

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

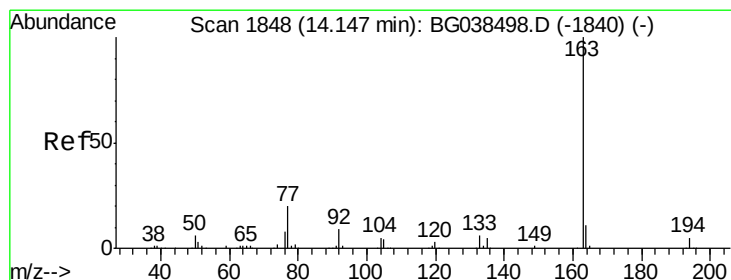
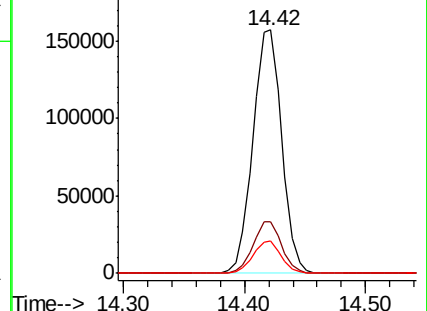
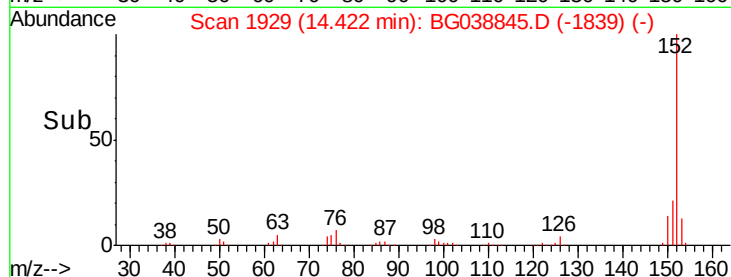
153 13.2 10.4 15.6



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: 44.922 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

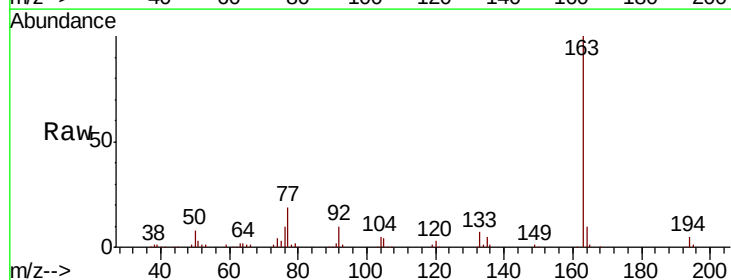
Tgt Ion:163 Resp: 215811

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

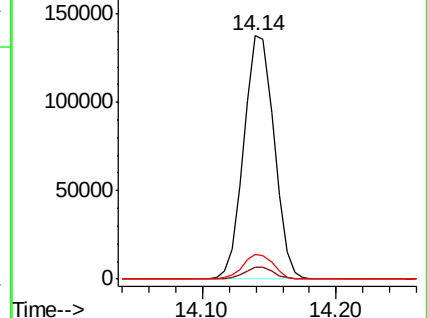
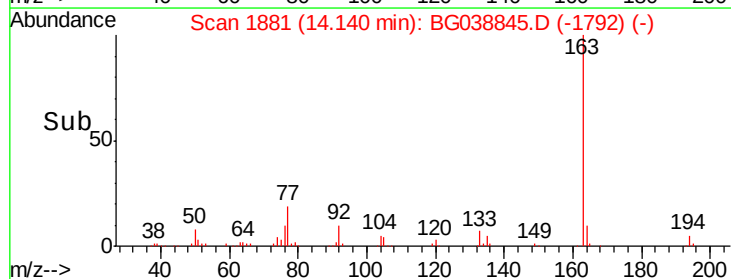
164 10.2 8.6 12.8

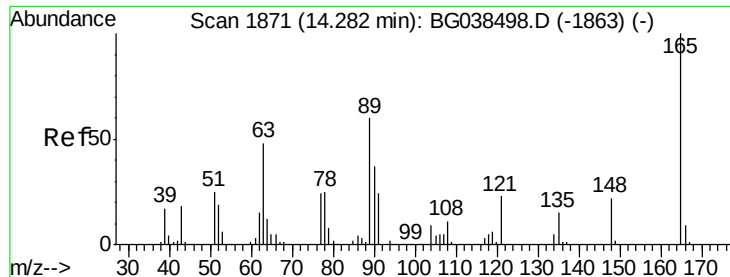


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

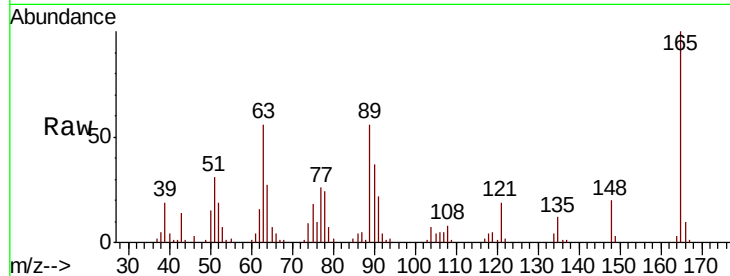




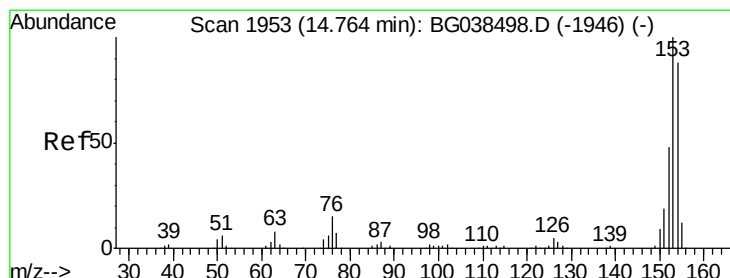
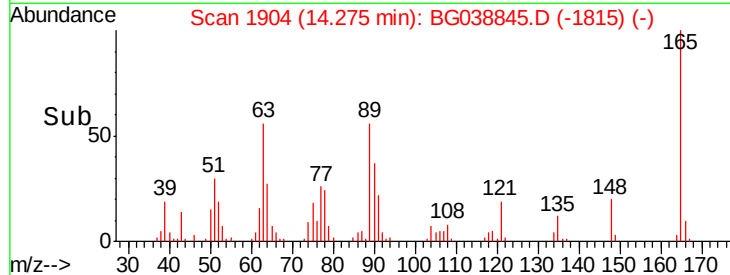
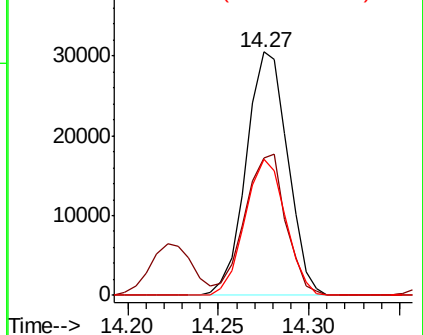
#51
 2,6-Dinitrotoluene
 Concen: 44.516 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Tot Ion:165 Resp: 48464
 Ion Ratio Lower Upper
 165 100
 63 56.5 51.8 77.6
 89 56.1 47.9 71.9

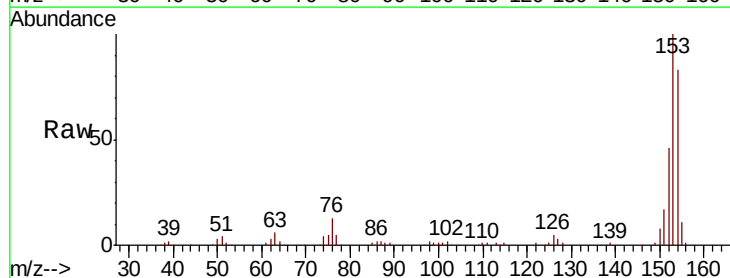


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

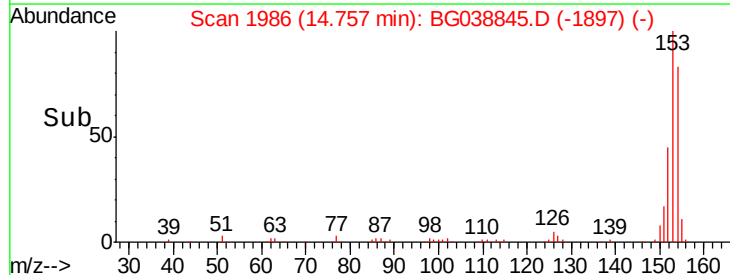
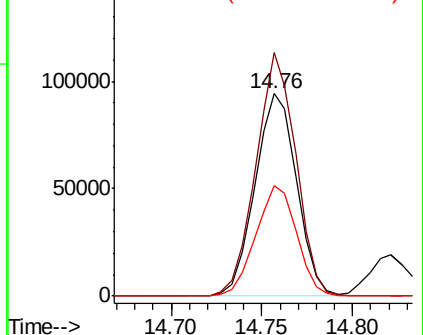


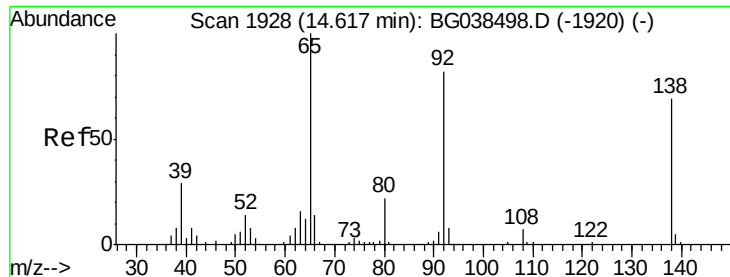
#52
 Acenaphthene
 Concen: 44.069 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion:154 Resp: 150073
 Ion Ratio Lower Upper
 154 100
 153 120.3 90.6 136.0
 152 54.7 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

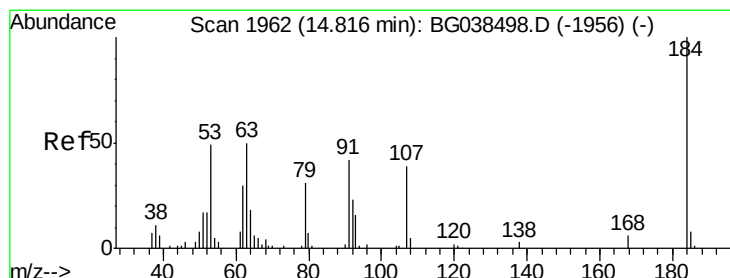
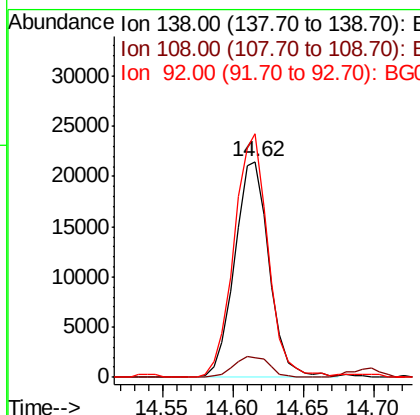
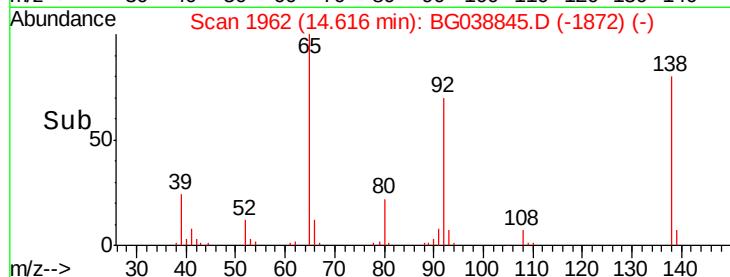
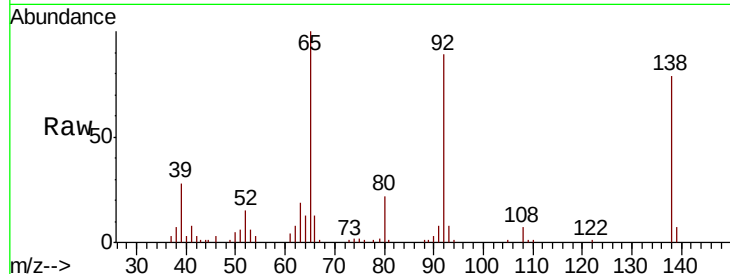




#53
3-Nitroaniline
Concen: 33.030 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

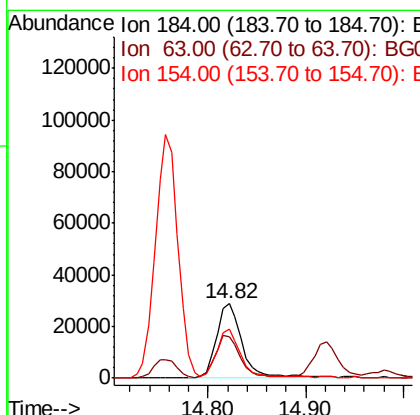
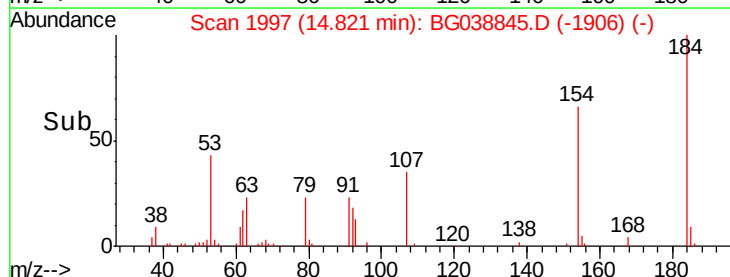
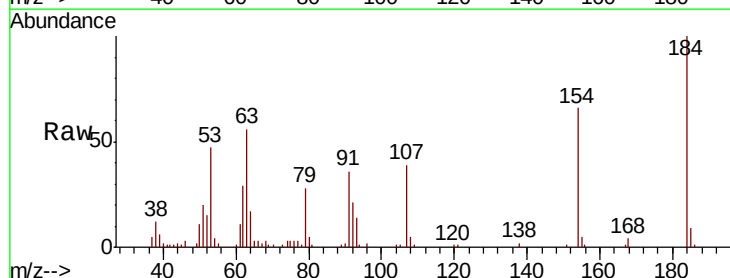
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

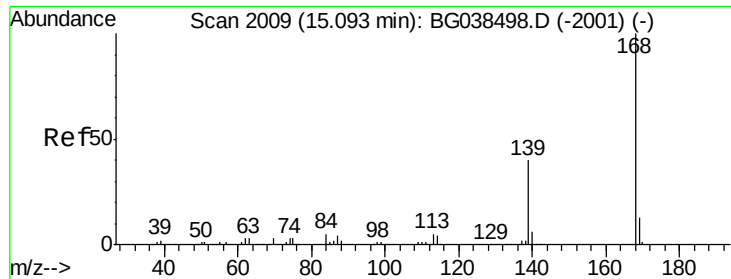
Tot Ion:138 Resp: 36656
Ion Ratio Lower Upper
138 100
108 8.9 7.9 11.9
92 112.7 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 81.795 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:184 Resp: 53065
Ion Ratio Lower Upper
184 100
63 56.4 47.0 70.6
154 66.2 50.3 75.5

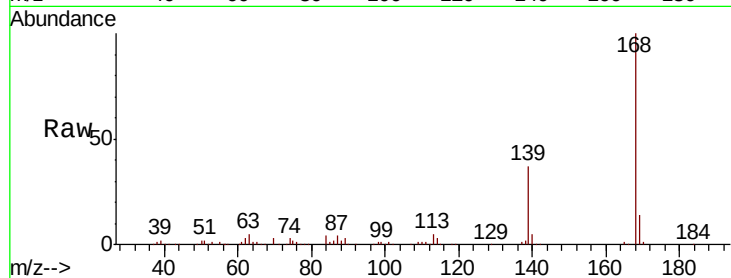




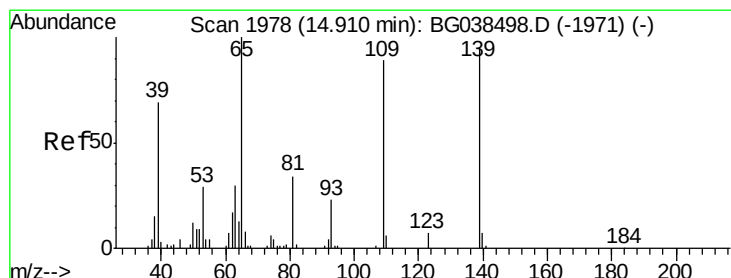
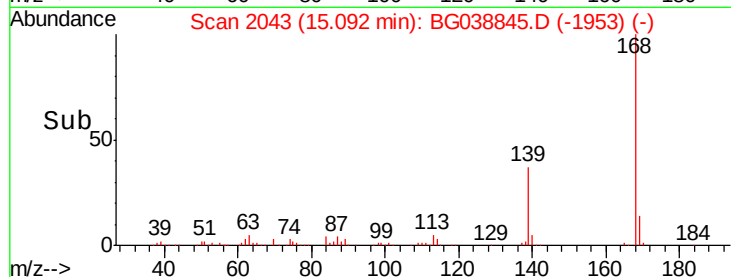
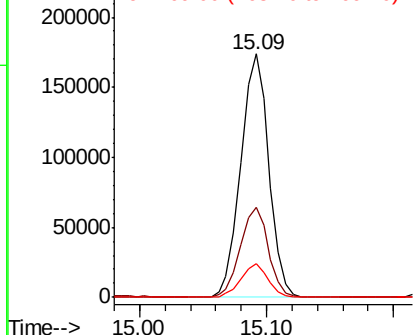
#55
Dibenzenofuran
Concen: 45.441 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:168 Resp: 265260
Ion Ratio Lower Upper
168 100
139 36.8 32.2 48.2
169 13.6 10.6 16.0

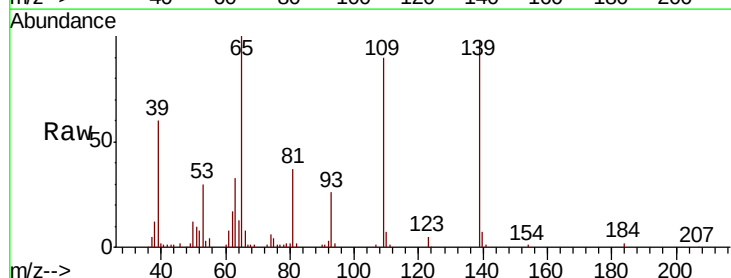


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

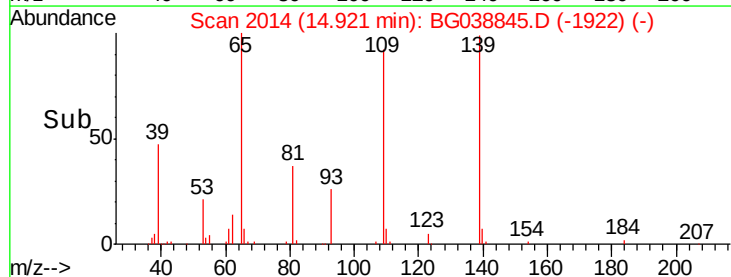
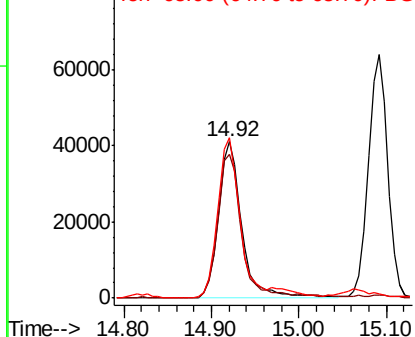


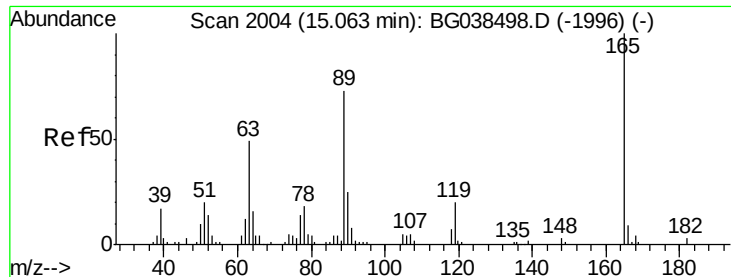
#56
4-Nitrophenol
Concen: 91.003 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:139 Resp: 76617
Ion Ratio Lower Upper
139 100
109 92.2 73.6 113.6
65 102.3 84.8 124.8



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

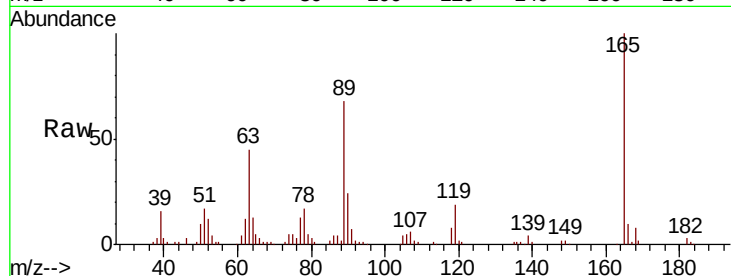




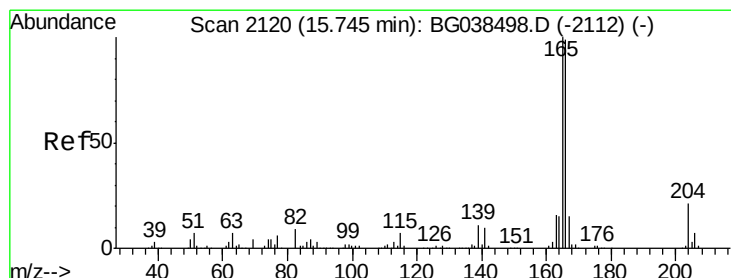
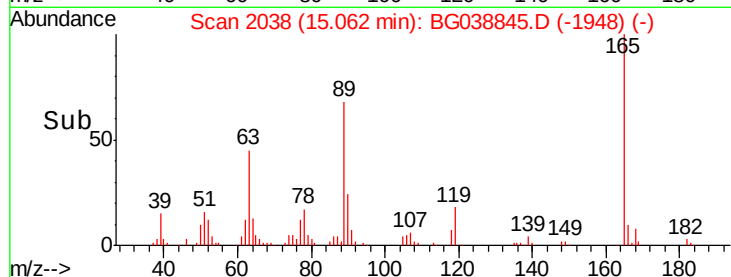
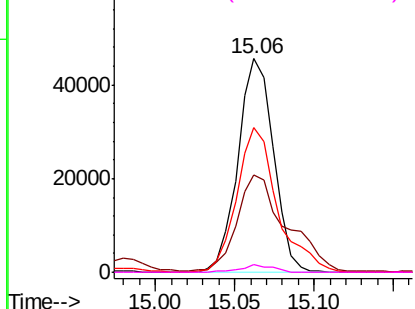
#57
2,4-Dinitrotoluene
Concen: 46.257 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	39.0	58.4
89	68.0	58.0	87.0
182	3.4	2.3	3.5

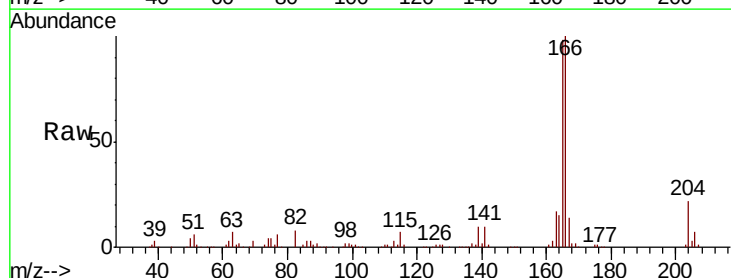


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

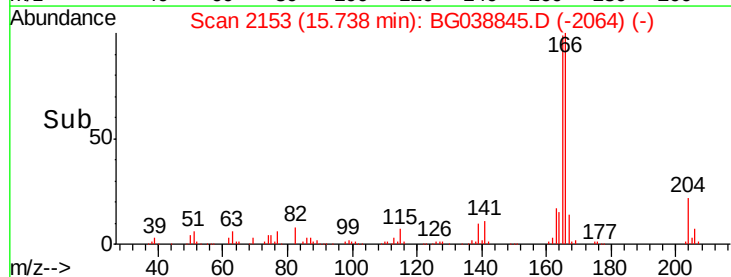
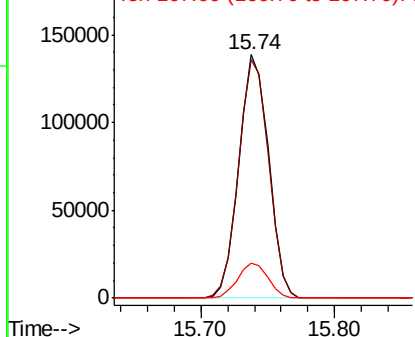


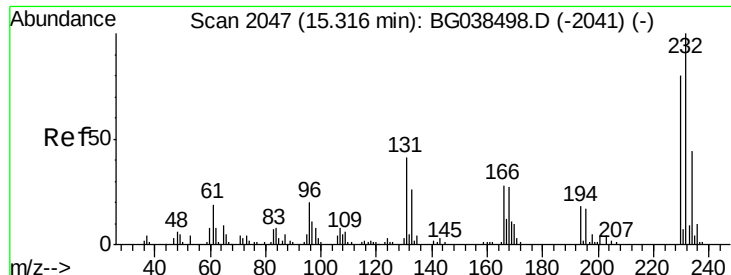
#58
Fluorene
Concen: 49.328 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.6	120.8
167	14.4	12.0	18.0



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

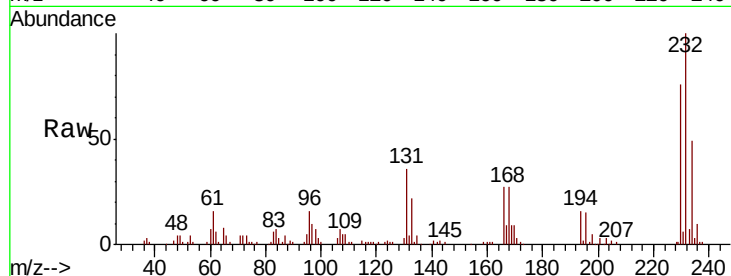




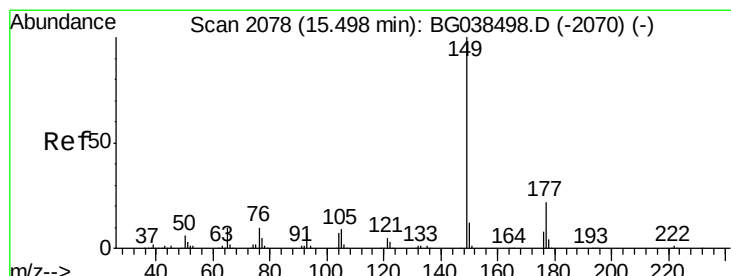
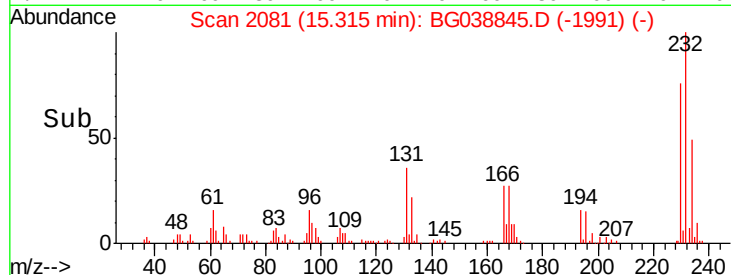
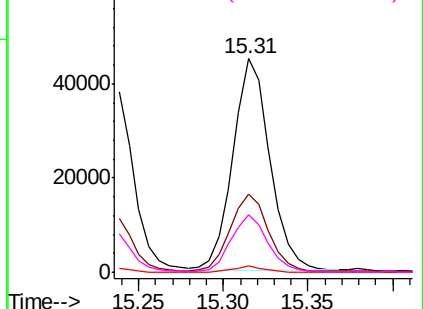
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.168 ng
RT: 15.31 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:232	Resp:	68477
Ion Ratio	Lower	Upper
232	100	
131	39.3	33.0 49.4
130	2.4	2.0 3.0
166	27.2	23.1 34.7

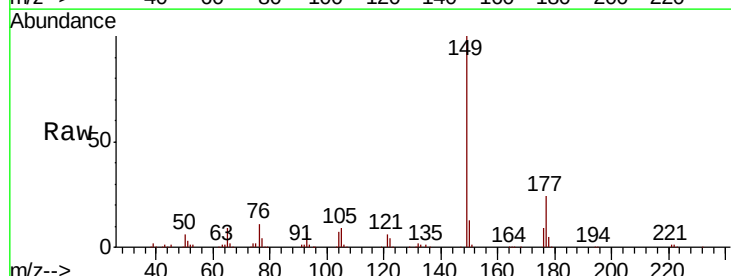


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

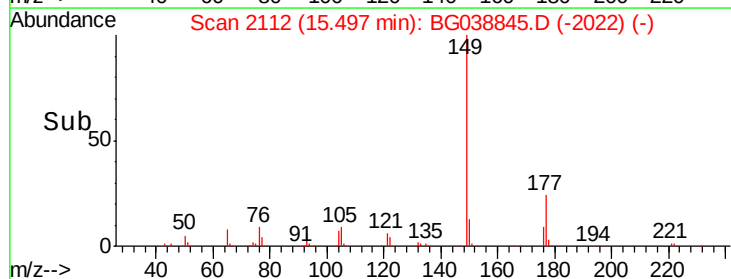
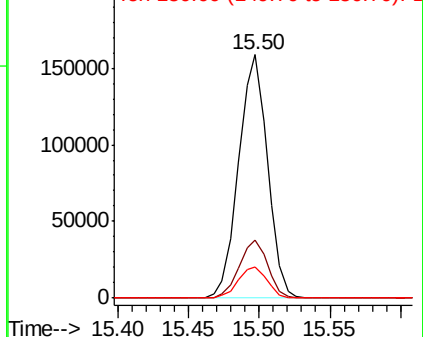


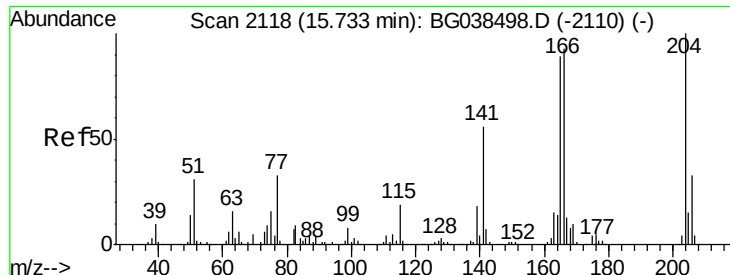
#60
Diethylphthalate
Concen: 42.921 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:149	Resp:	226360
Ion Ratio	Lower	Upper
149	100	
177	23.8	17.7 26.5
150	13.0	9.9 14.9



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

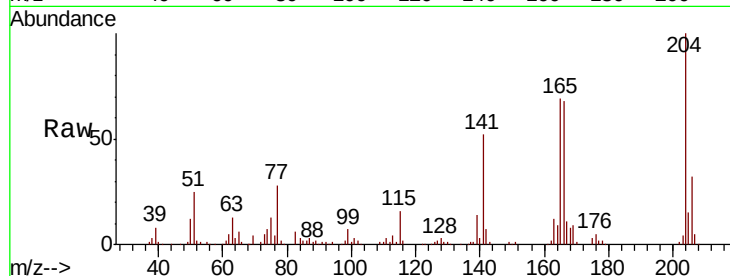




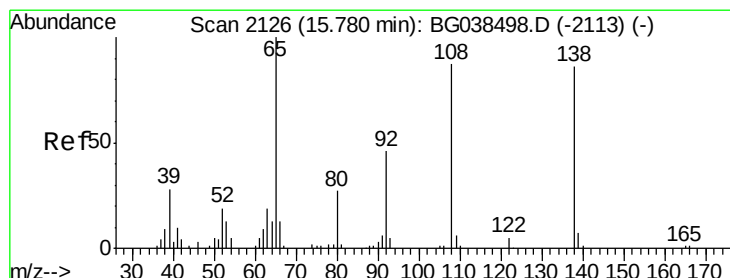
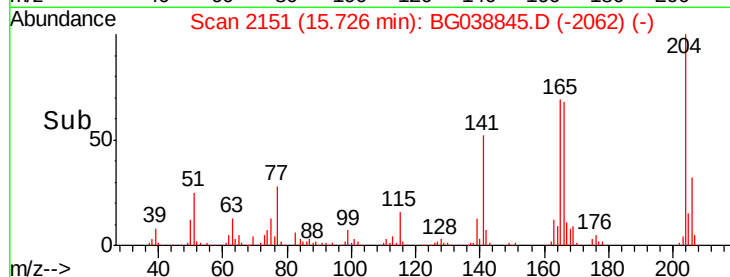
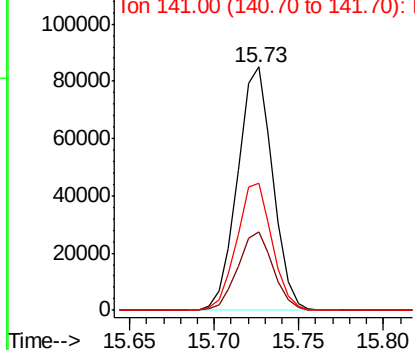
#61
4-Chlorophenyl-phenylether
Concen: 45.504 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:204 Resp: 122787
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 52.2 44.4 66.6

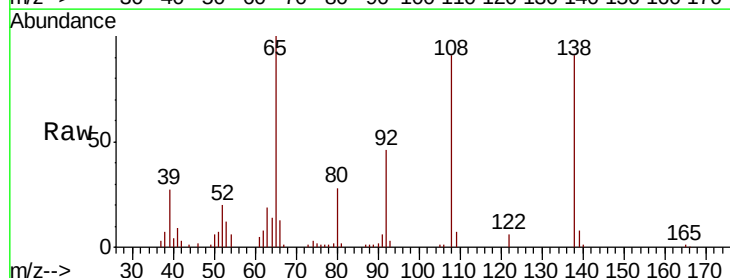


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

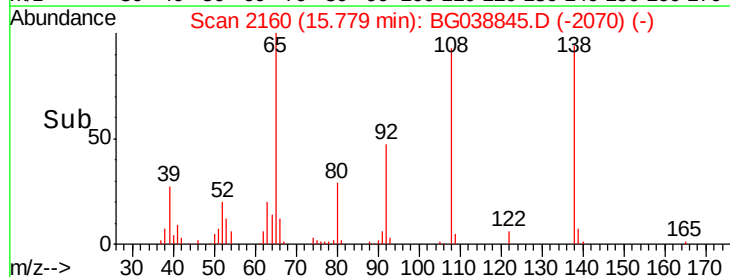
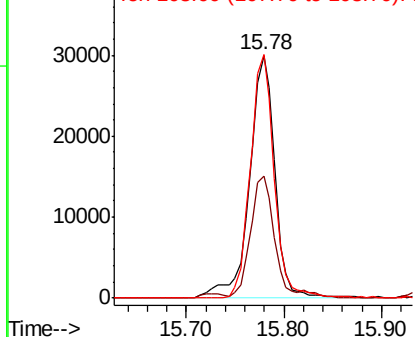


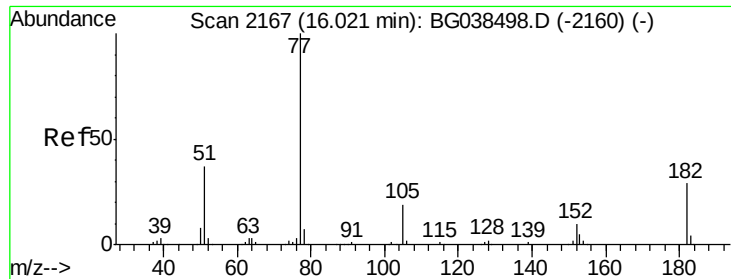
#62
4-Nitroaniline
Concen: 47.978 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:138 Resp: 54817
Ion Ratio Lower Upper
138 100
92 50.4 33.3 73.3
108 100.3 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: 40.996 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

Tot Ion: 77 Resp: 180615

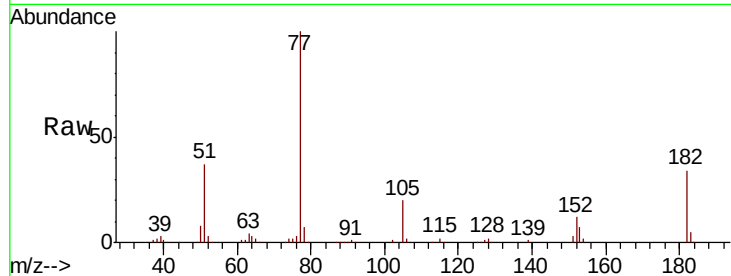
Ion Ratio Lower Upper

77 100

182 34.0 8.7 48.7

105 19.9 0.0 38.7

51 36.7 16.6 56.6

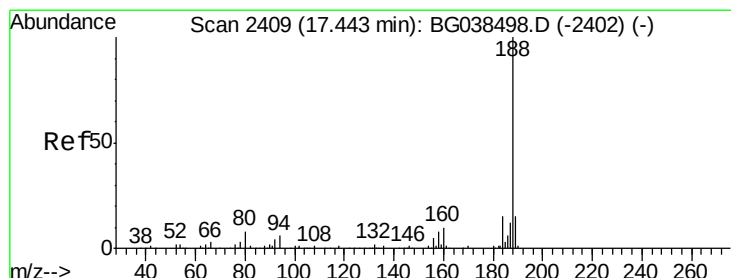
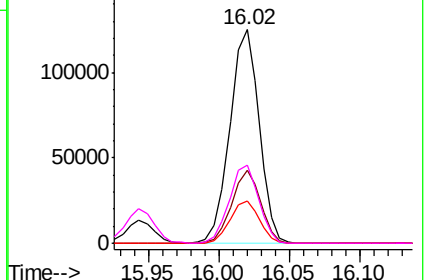
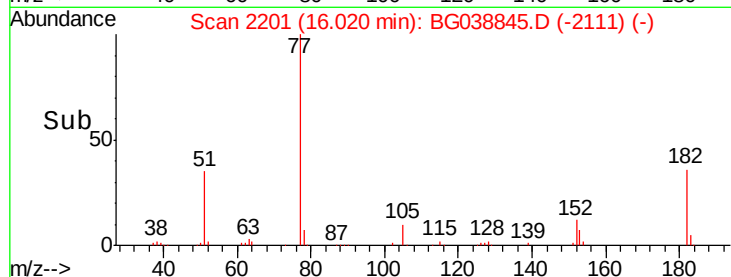


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

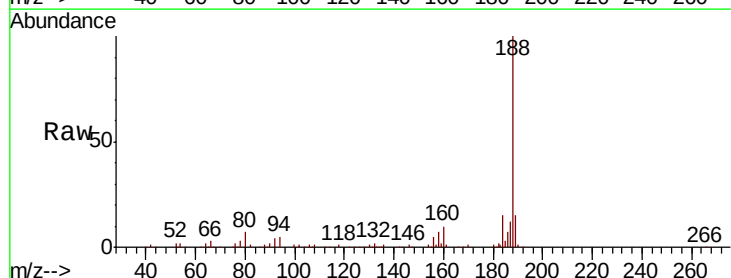
Tgt Ion: 188 Resp: 163473

Ion Ratio Lower Upper

188 100

94 5.4 5.1 7.7

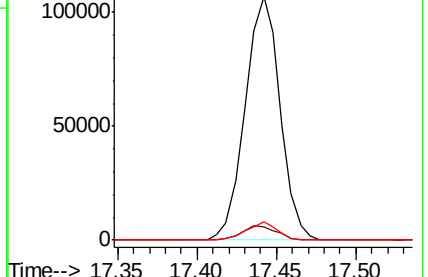
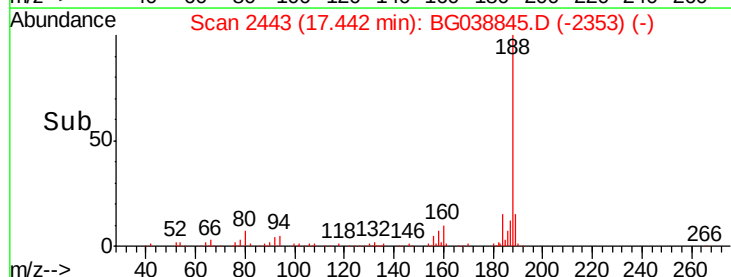
80 7.4 6.1 9.1

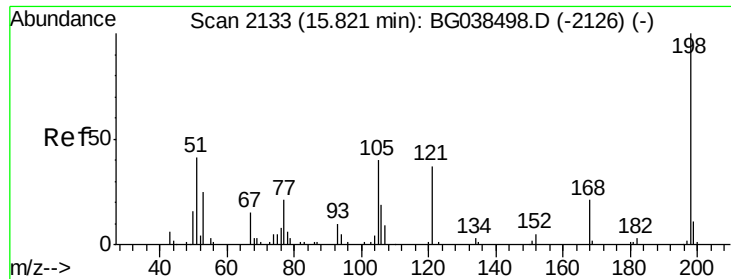


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.995 ng

RT: 15.83 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

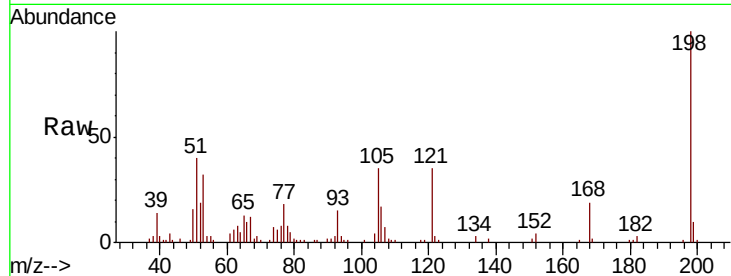
Tot Ion:198 Resp: 46640

Ion Ratio Lower Upper

198 100

51 40.3 28.6 68.6

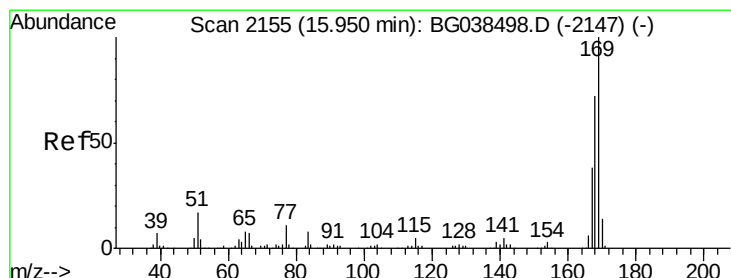
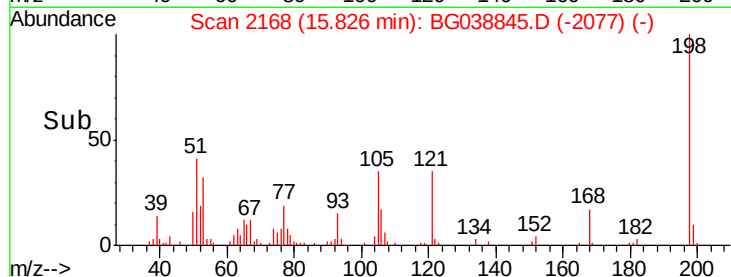
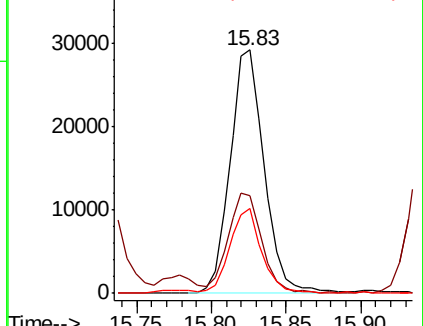
105 35.0 20.4 60.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.718 ng

RT: 15.94 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

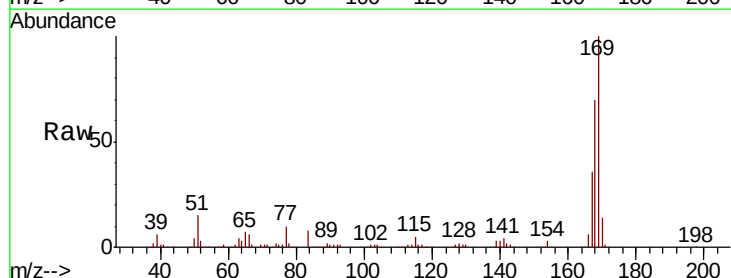
Tgt Ion:169 Resp: 200381

Ion Ratio Lower Upper

169 100

168 69.5 57.5 86.3

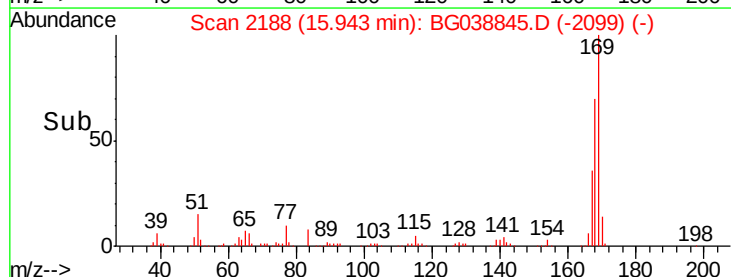
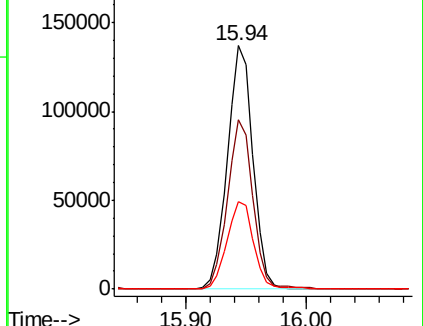
167 36.1 30.2 45.2

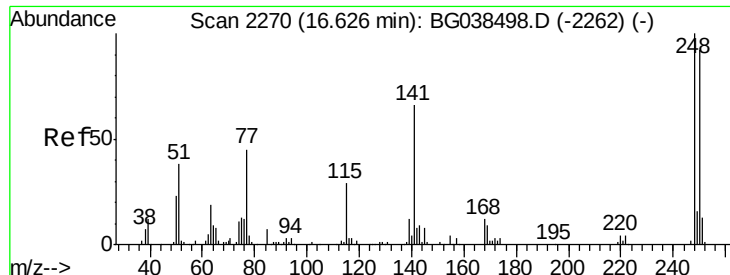


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

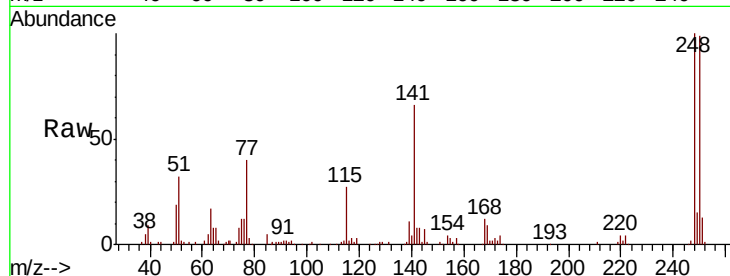




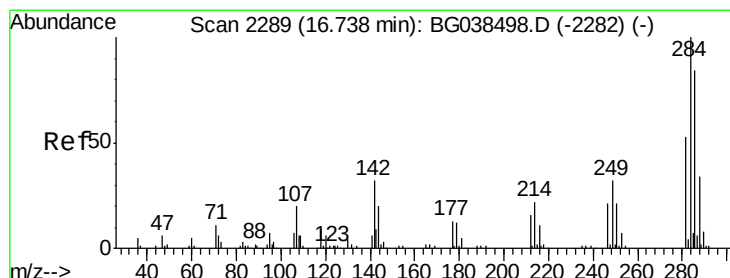
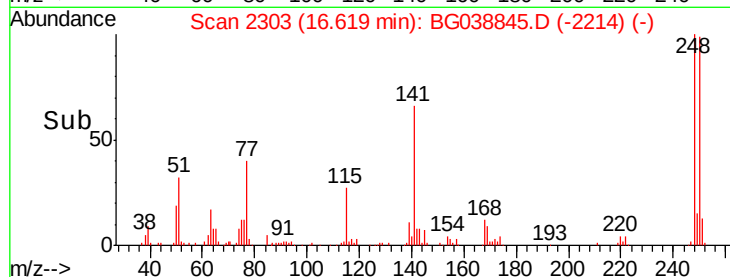
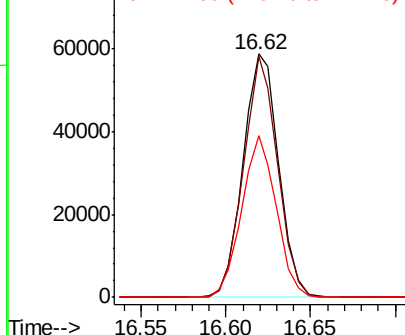
#67
4-Bromophenyl-phenylether
Concen: 42.951 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:248 Resp: 85751
Ion Ratio Lower Upper
248 100
250 98.8 73.4 110.2
141 66.4 52.9 79.3

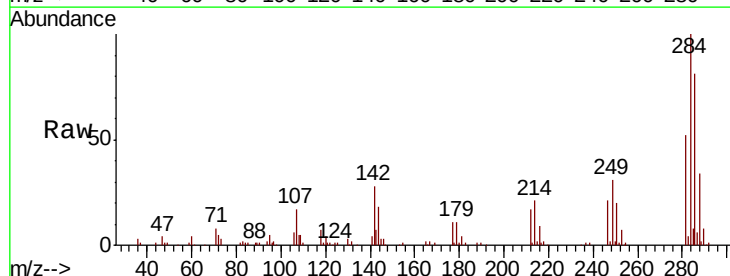


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

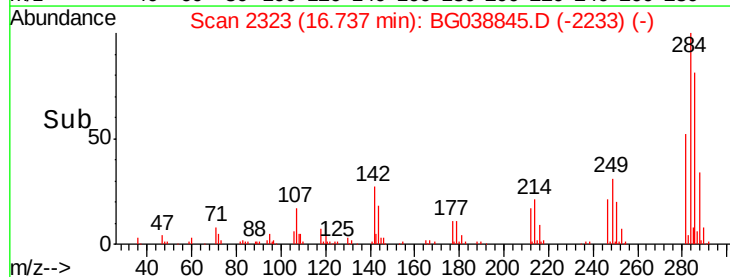
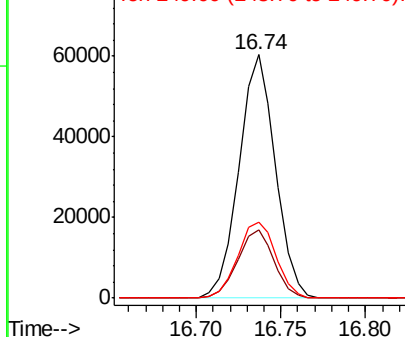


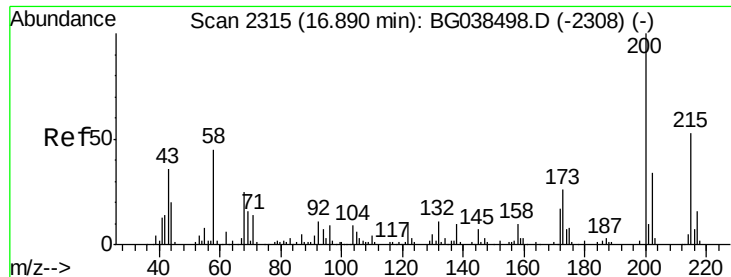
#68
Hexachlorobenzene
Concen: 43.496 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:284 Resp: 90018
Ion Ratio Lower Upper
284 100
142 28.1 25.8 38.6
249 33.4 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: 47.825 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

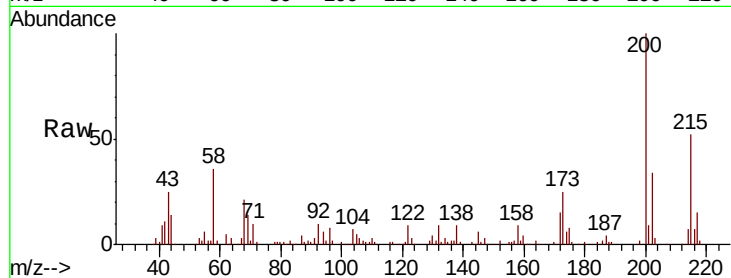
Tot Ion:200 Resp: 85250

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

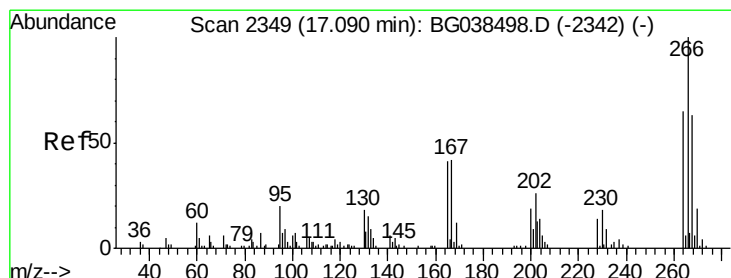
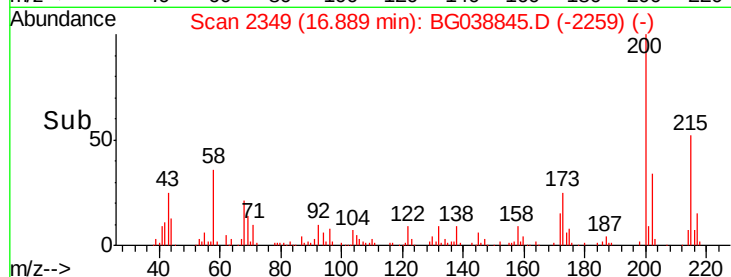
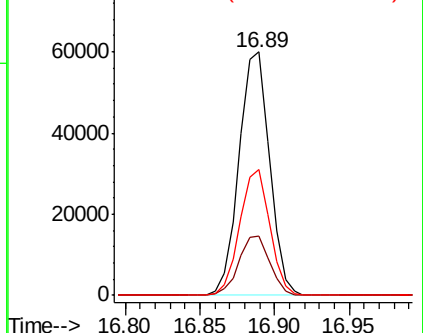
215 51.8 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.836 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

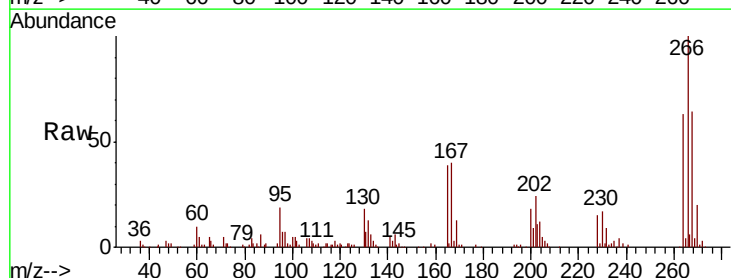
Tgt Ion:266 Resp: 86712

Ion Ratio Lower Upper

266 100

268 68.9 55.0 82.6

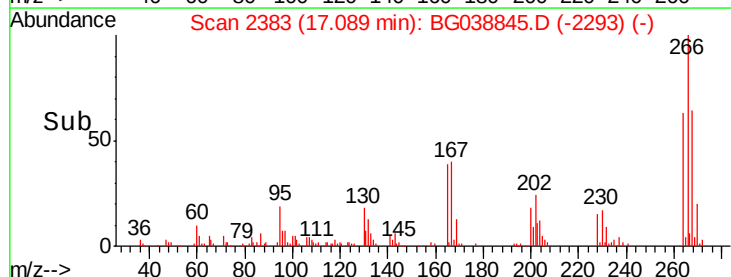
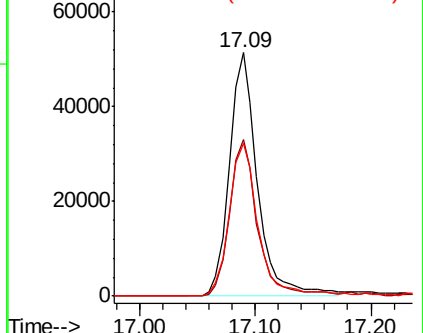
264 67.4 56.7 85.1

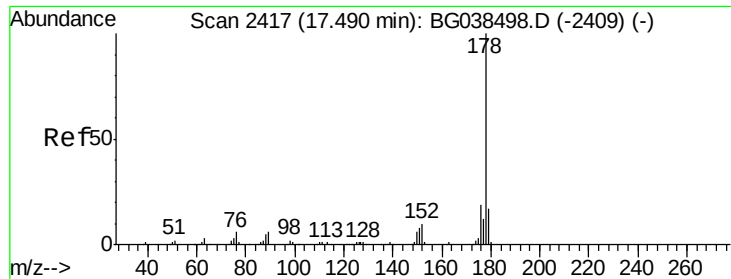


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

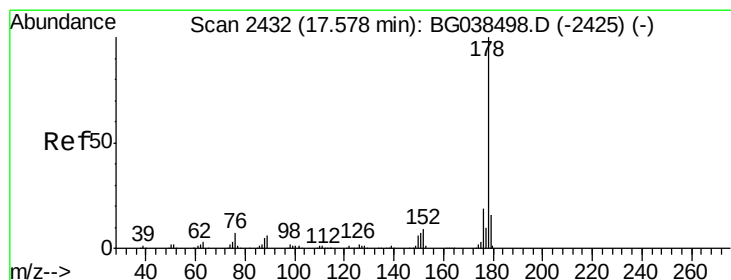
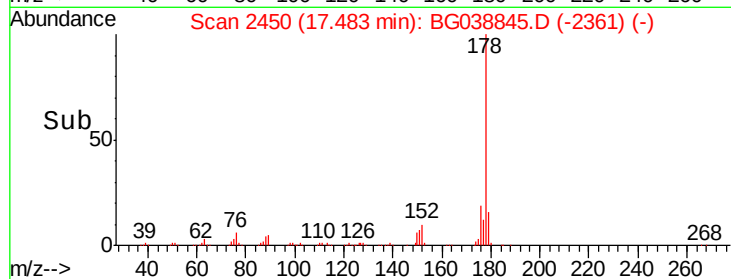
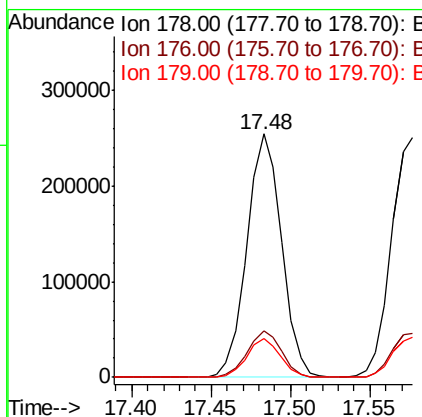
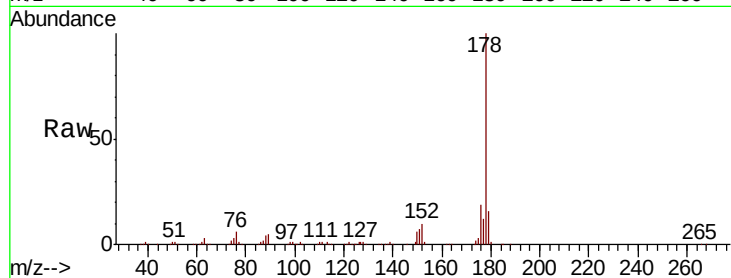




#71
Phenanthrene
Concen: 45.513 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

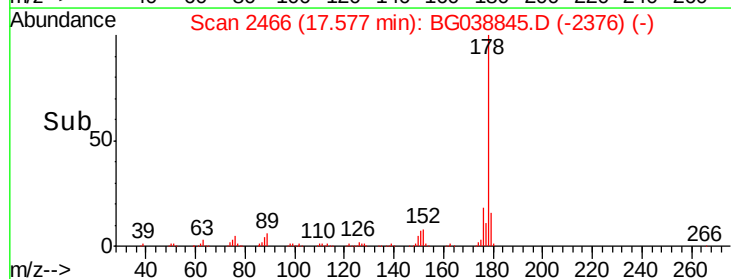
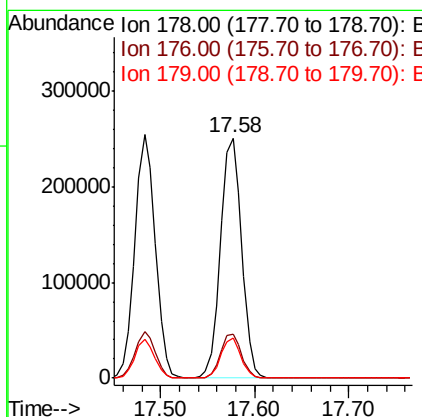
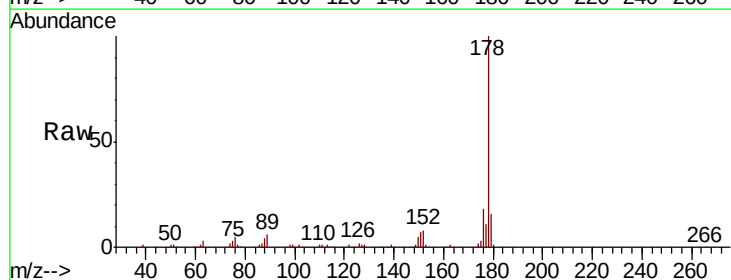
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

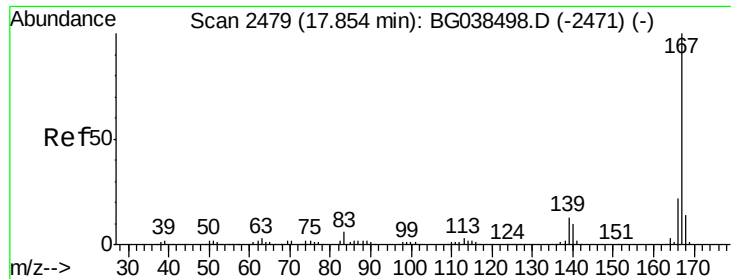
Tot Ion:178 Resp: 385817
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 13.2 19.8



#72
Anthracene
Concen: 47.032 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:178 Resp: 393598
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 16.5 12.9 19.3

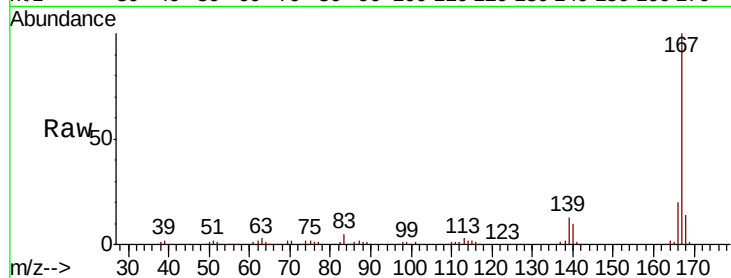




#73
 Carbazole
 Concen: 41.402 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.9	26.9
139	12.6	10.2	15.2

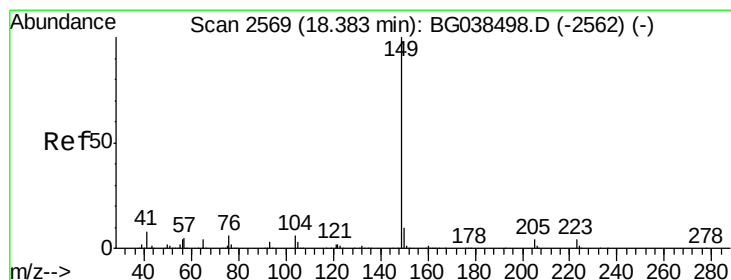
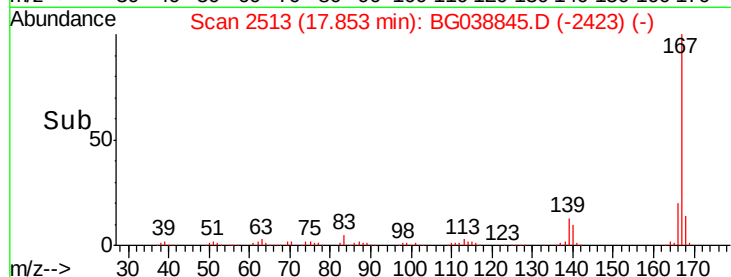
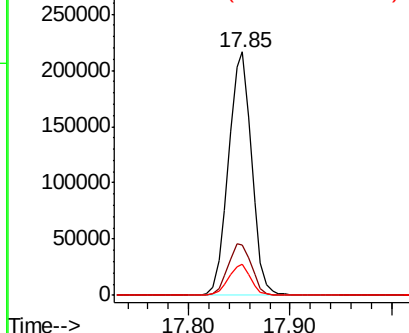


Abundance

Ion 167.00 (166.70 to 167.70): E

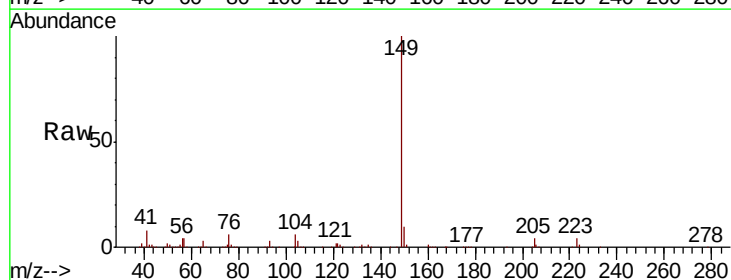
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.975 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.0	5.0	7.4

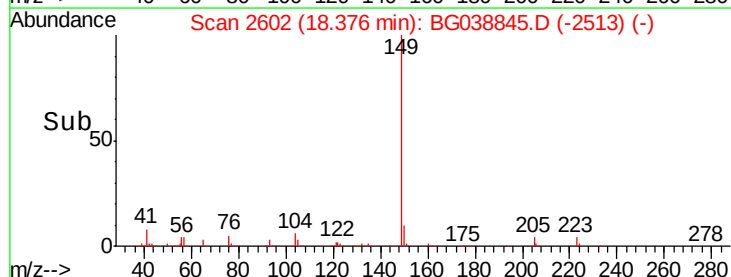
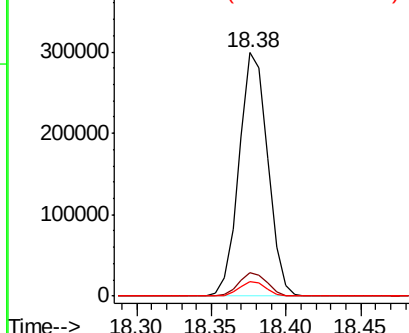


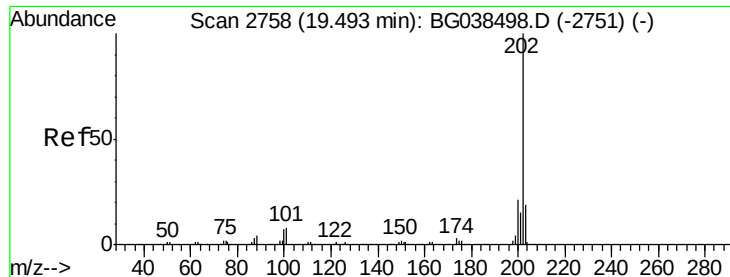
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.443 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

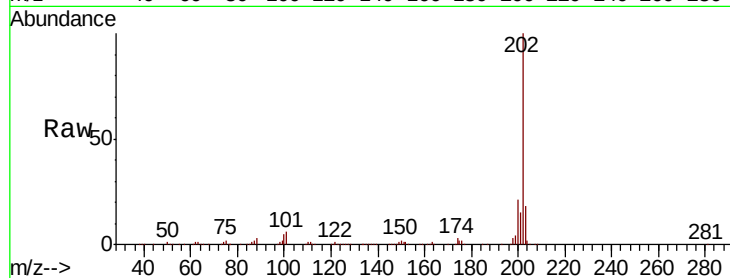
Tot Ion:202 Resp: 476637

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.1

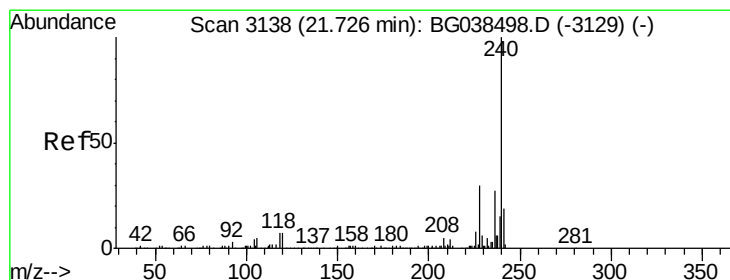
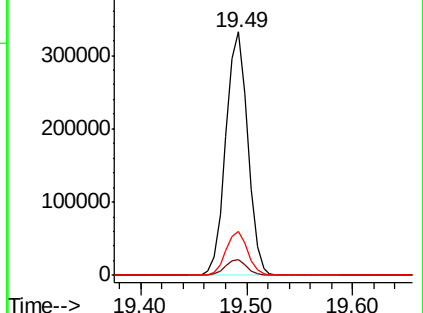
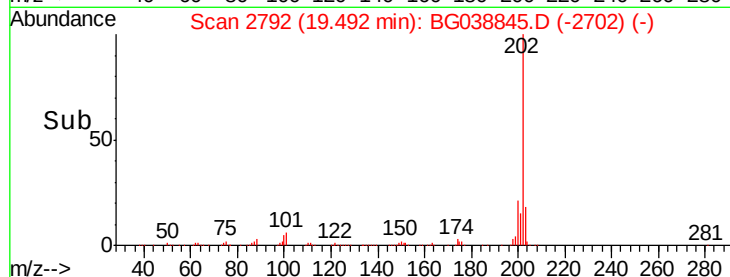
203 17.9 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

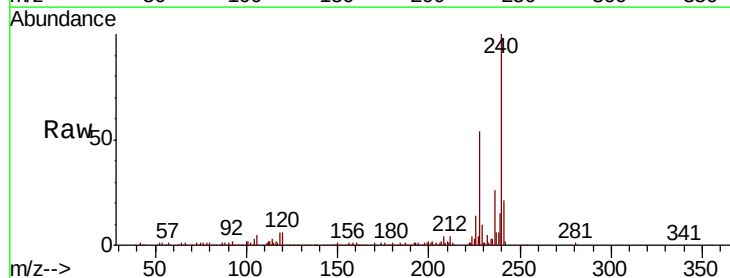
Tgt Ion:240 Resp: 161435

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

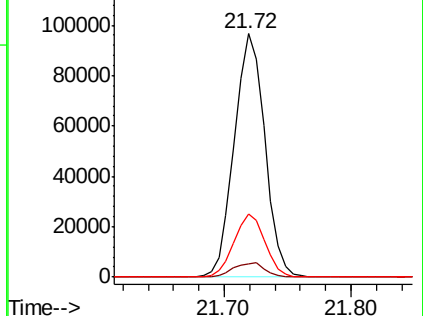
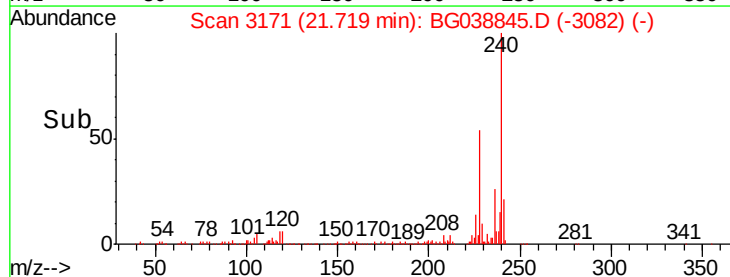
236 26.0 21.4 32.2

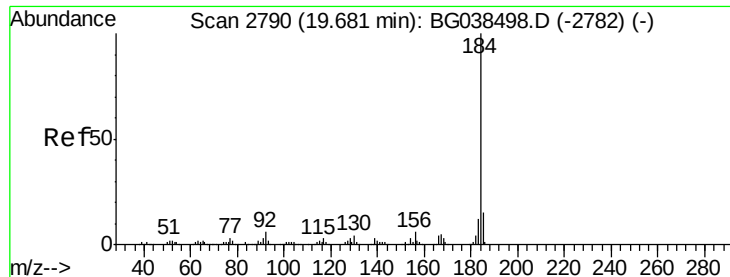


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.463 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

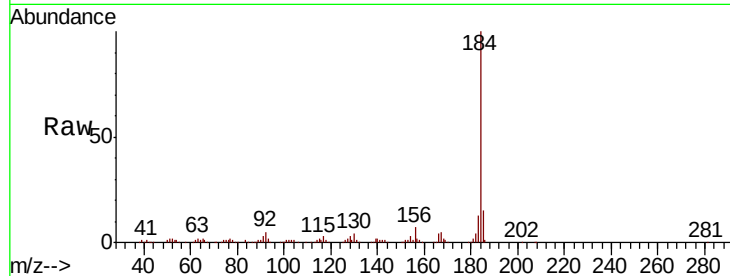
Tot Ion:184 Resp: 217055

Ion Ratio Lower Upper

184 100

185 14.9 12.2 18.2

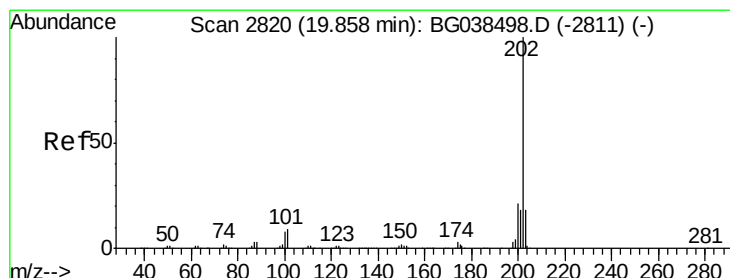
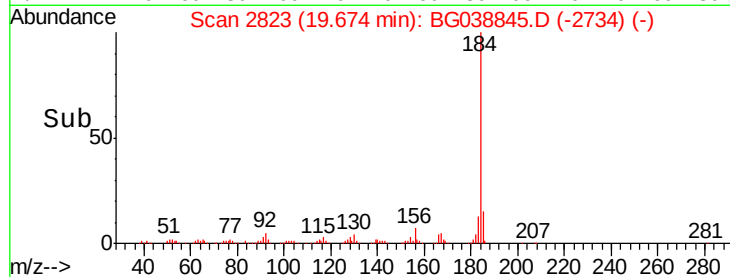
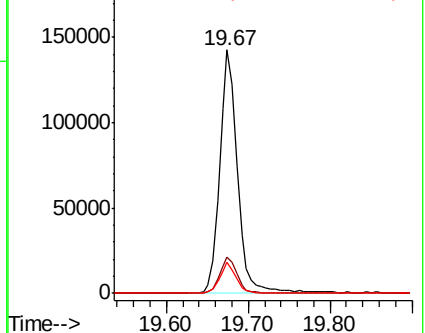
183 12.6 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.565 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

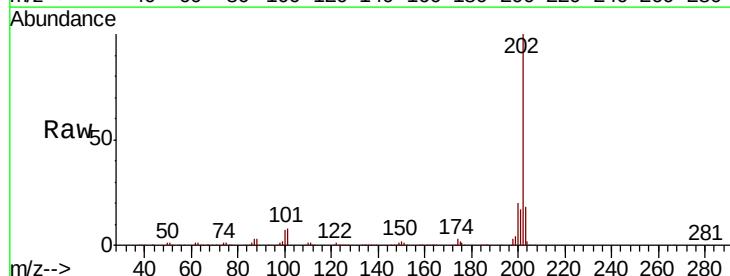
Tgt Ion:202 Resp: 464612

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

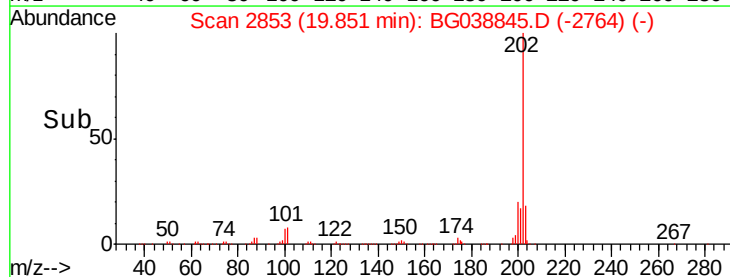
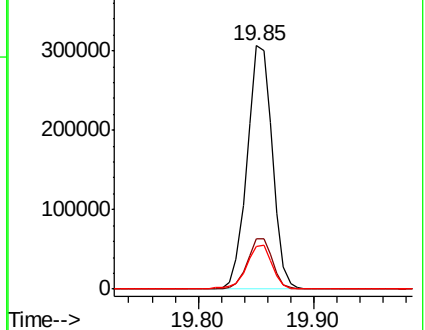
203 17.6 14.6 21.8

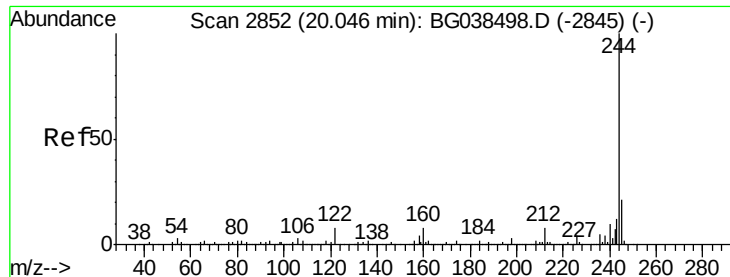


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.125 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

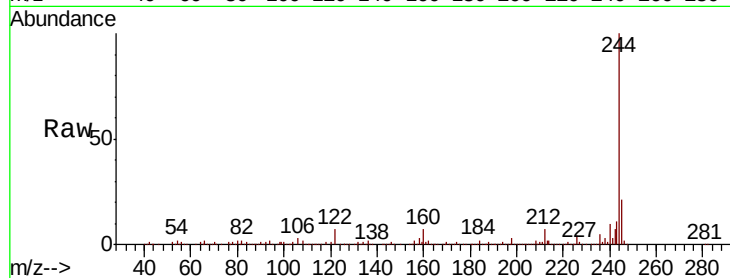
Tot Ion:244 Resp: 616599

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

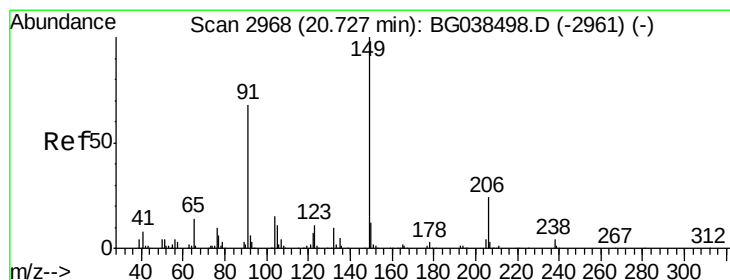
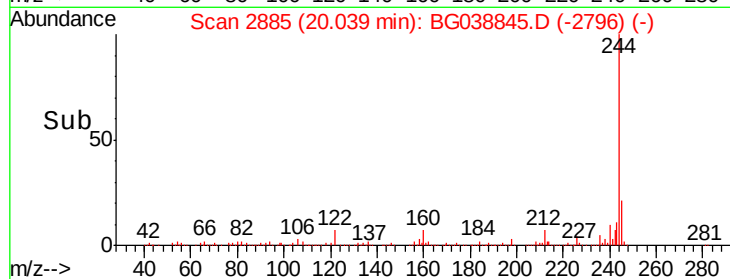
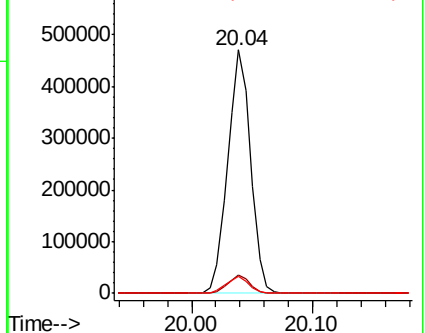
122 6.9 6.3 9.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.557 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

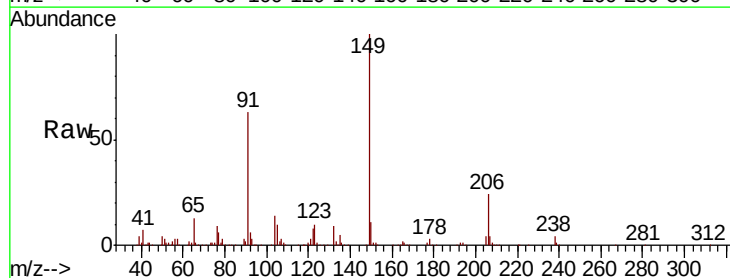
Tgt Ion:149 Resp: 173152

Ion Ratio Lower Upper

149 100

91 63.4 54.5 81.7

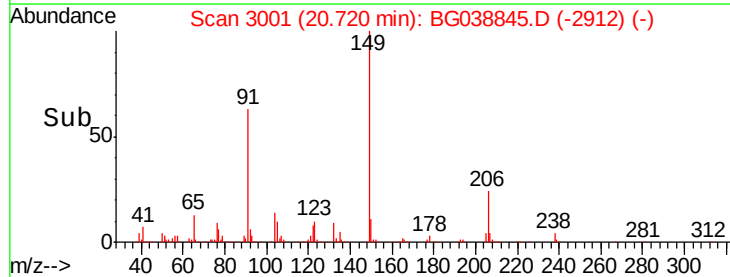
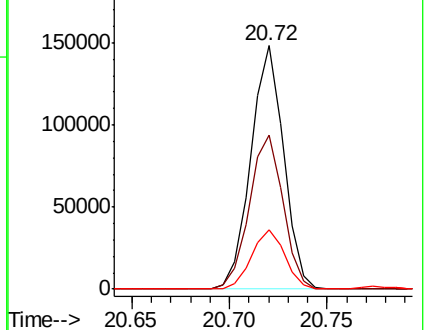
206 24.3 19.0 28.6

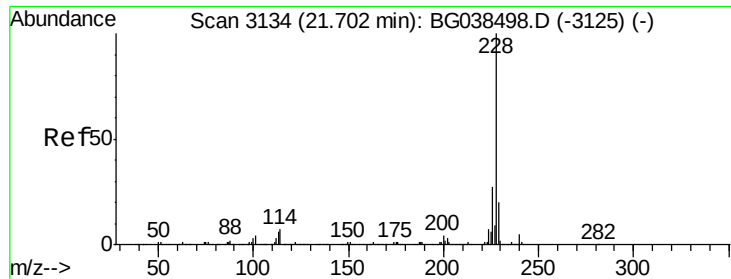


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.853 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

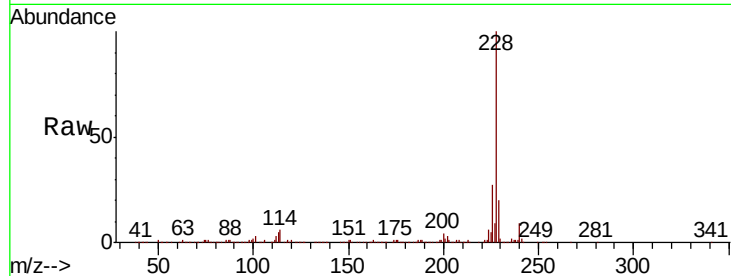
BNA_G

ClientSampleId :

PB116010BSD

Tot Ion:228 Resp: 451060

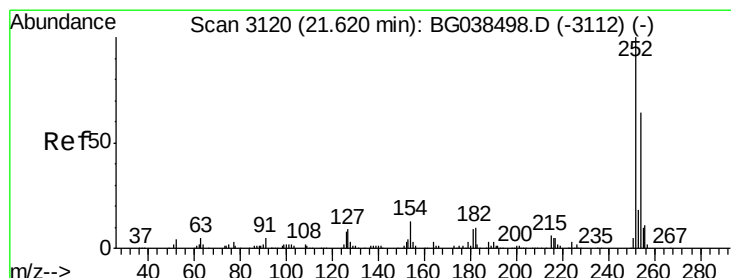
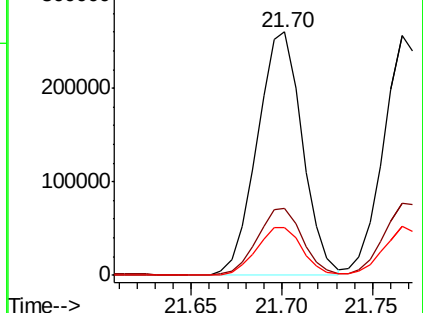
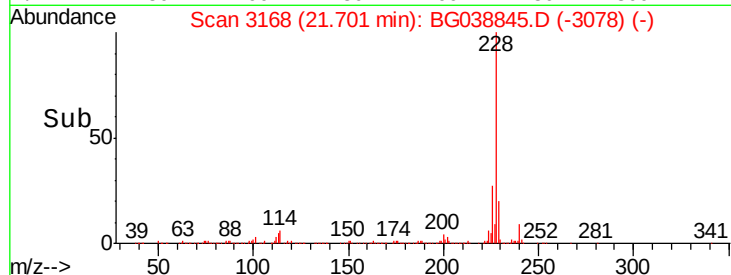
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.8	23.6



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: 32.769 ng

RT: 21.61 min Scan# 3153

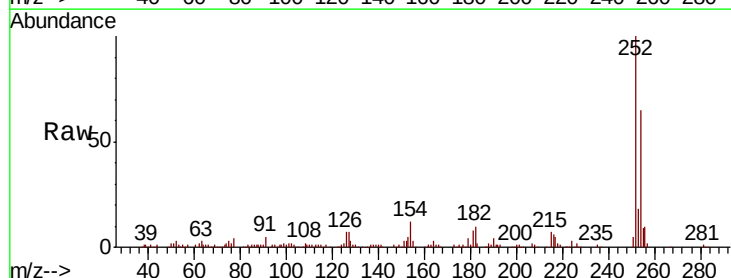
Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Tgt Ion:252 Resp: 127845

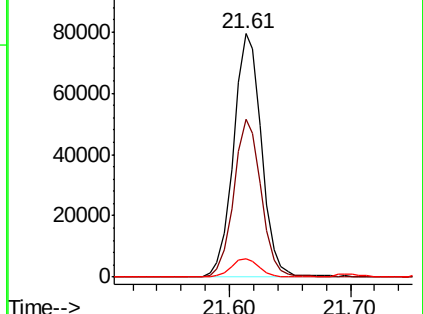
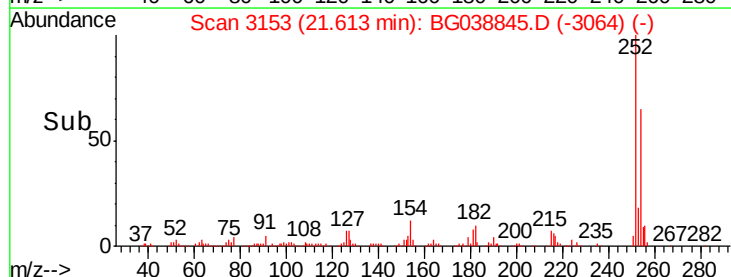
Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.9	76.3
126	7.4	6.3	9.5

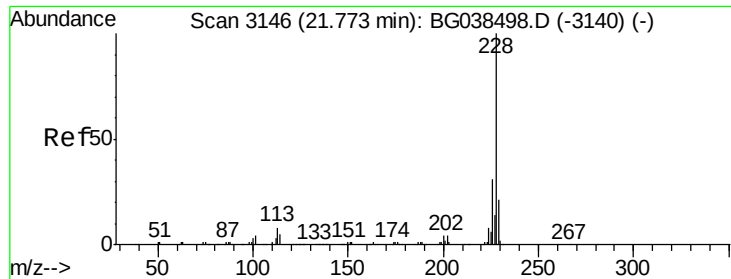


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 44.568 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

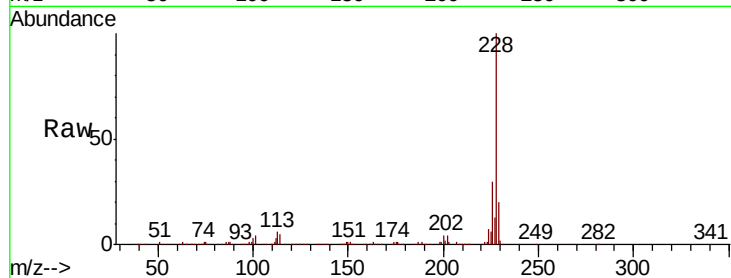
Tot Ion:228 Resp: 422284

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

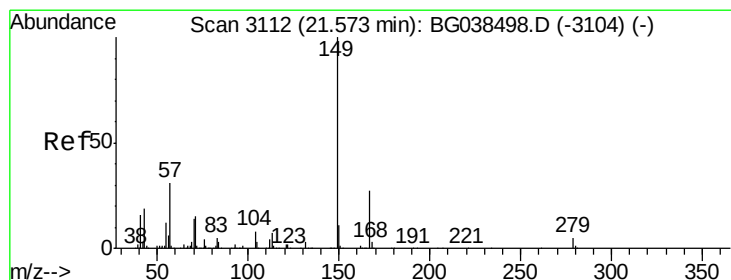
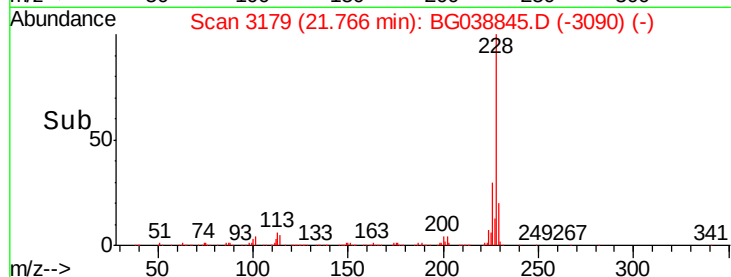
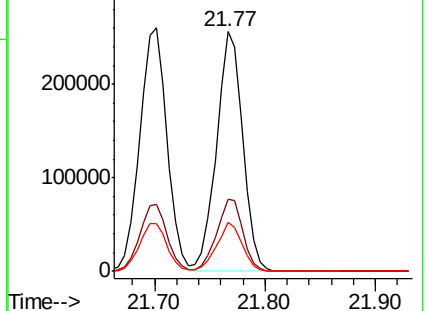
229 20.2 16.5 24.7



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: 39.976 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

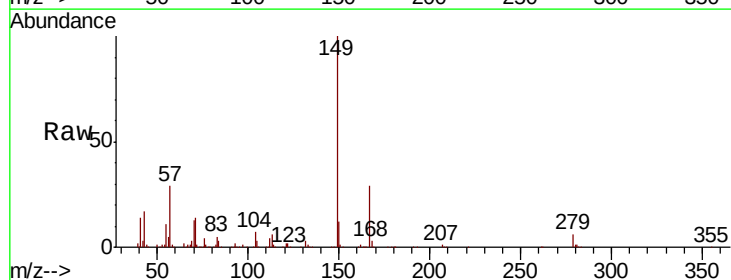
Tgt Ion:149 Resp: 236235

Ion Ratio Lower Upper

149 100

167 29.3 21.9 32.9

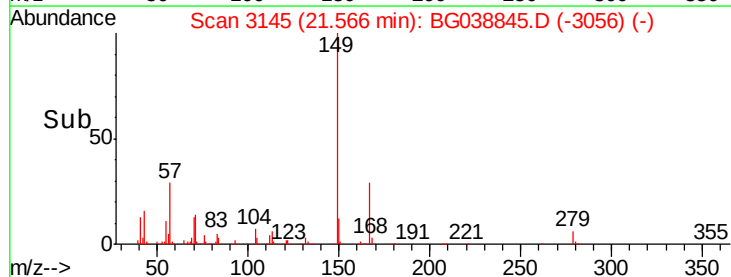
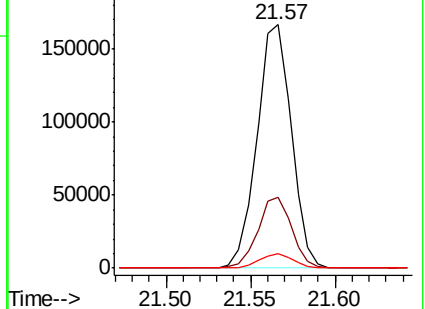
279 6.0 4.2 6.2

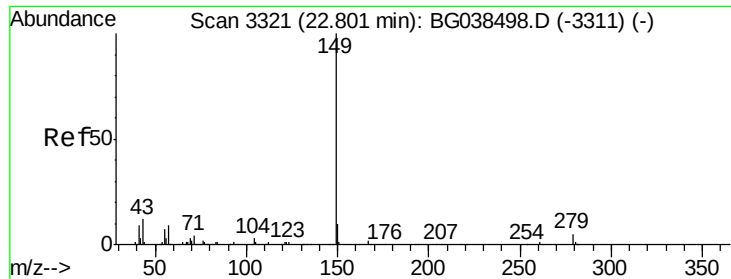


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

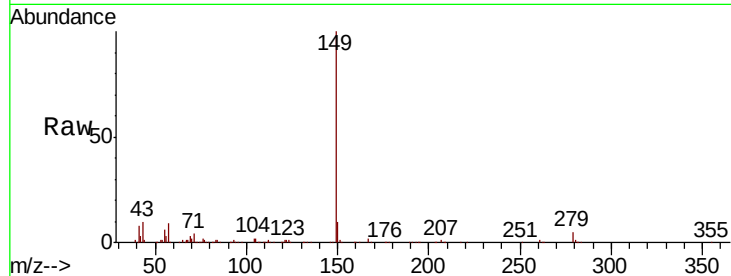




#85
Di-n-octyl phthalate
Concen: 40.589 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	9.3	13.9

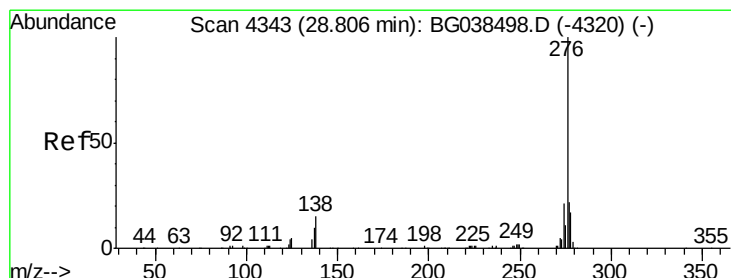
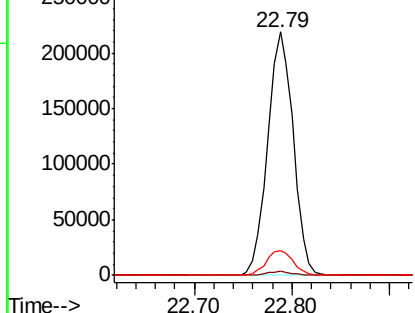
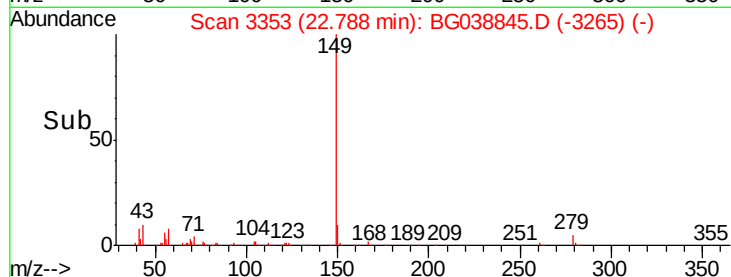


Abundance

Ion 149.00 (148.70 to 149.70): E

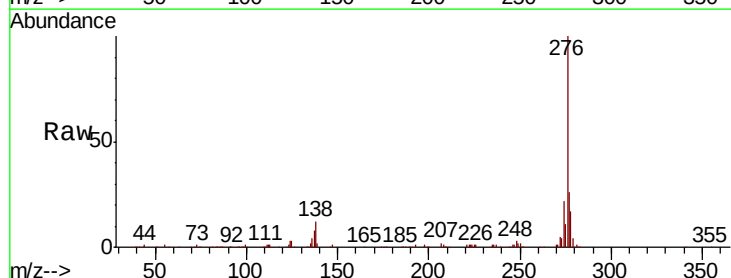
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.986 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.3	14.4	21.6#
277	26.0	0.0	0.0#

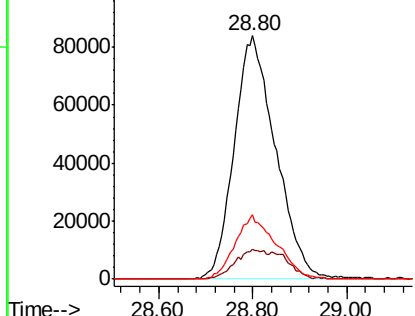
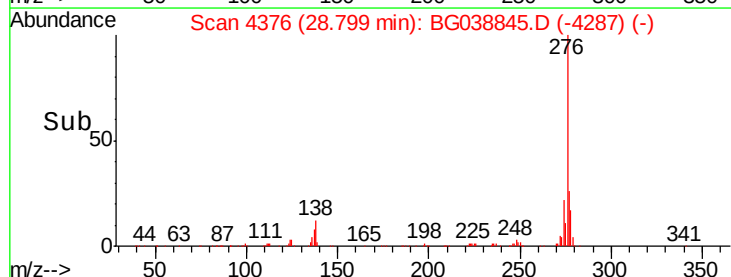


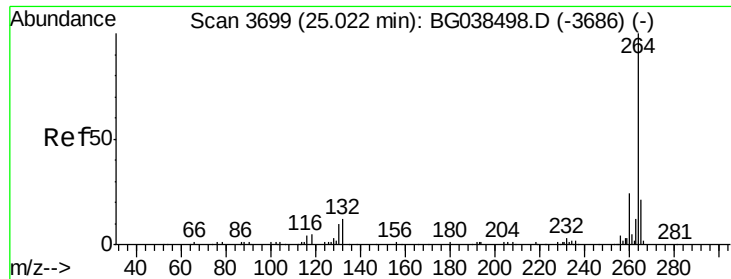
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

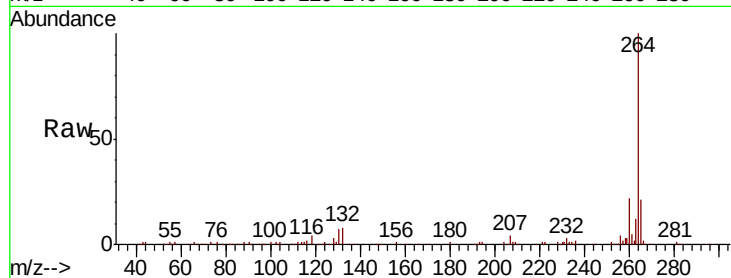
Tot Ion:264 Resp: 171859

Ion Ratio Lower Upper

264 100

260 22.0 18.9 28.3

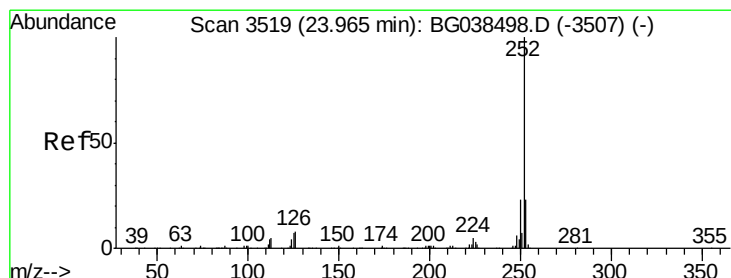
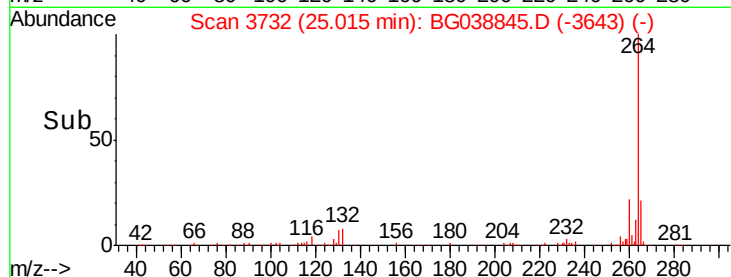
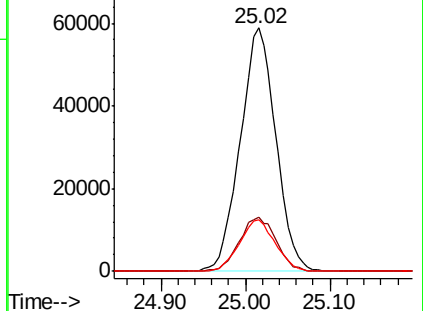
265 21.0 17.0 25.4



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: 47.902 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

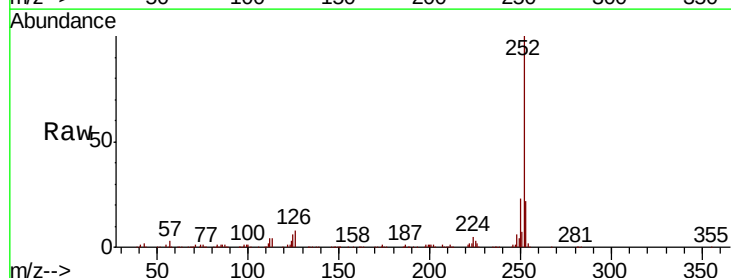
Tgt Ion:252 Resp: 451994

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

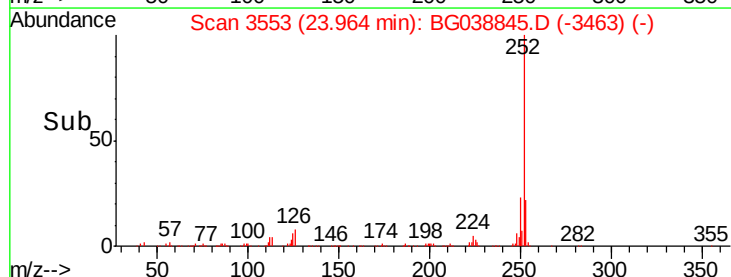
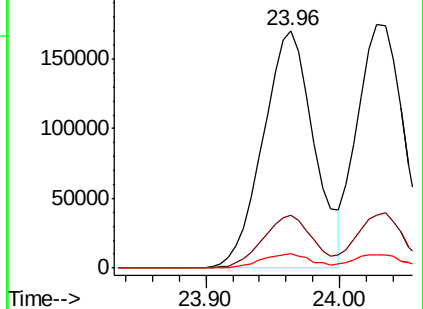
125 6.3 5.5 8.3

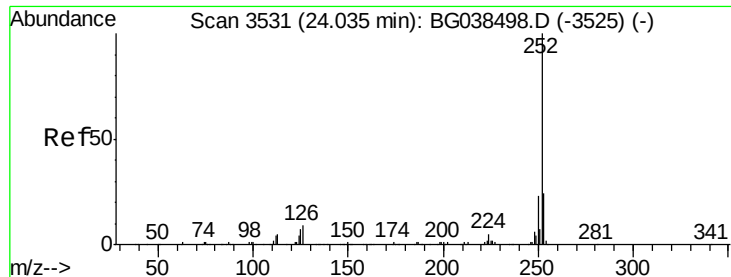


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.834 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

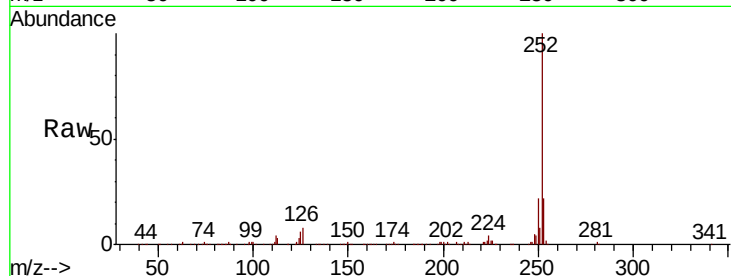
Tot Ion:252 Resp: 421260

Ion Ratio Lower Upper

252 100

253 21.6 18.9 28.3

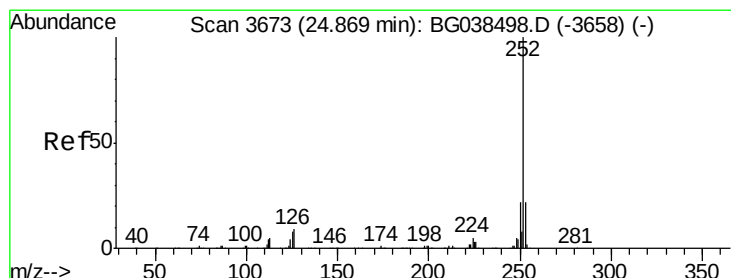
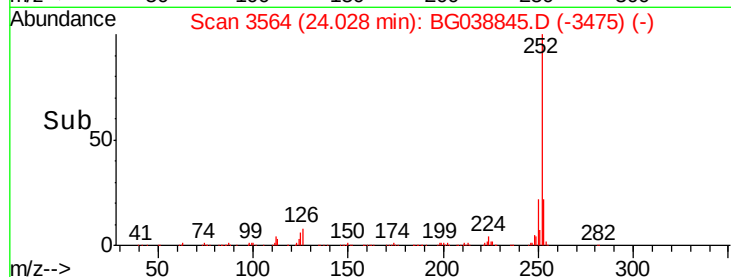
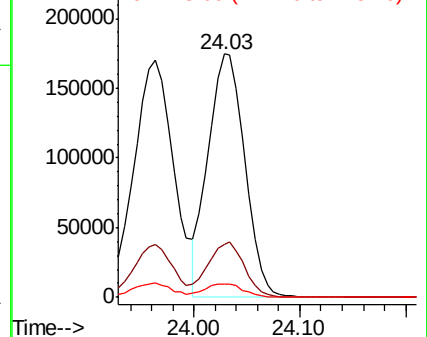
125 5.5 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.751 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

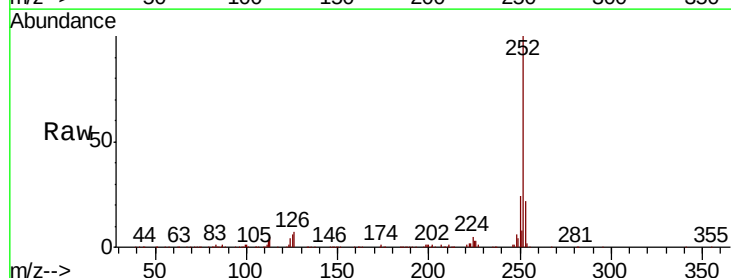
Tgt Ion:252 Resp: 434680

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

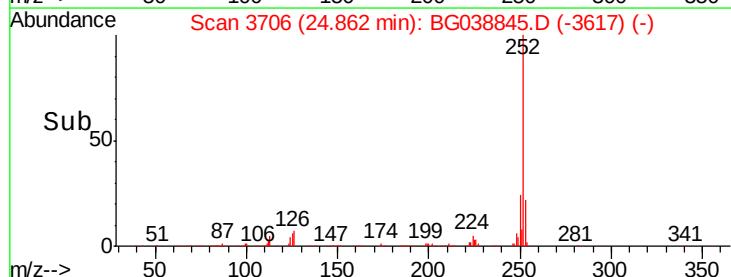
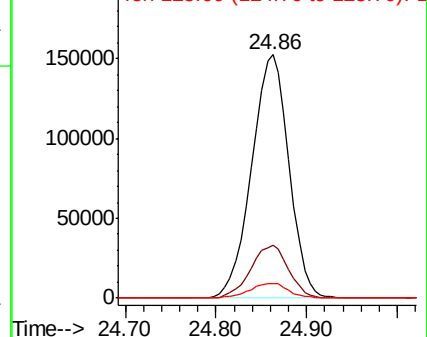
125 6.1 6.4 9.6#

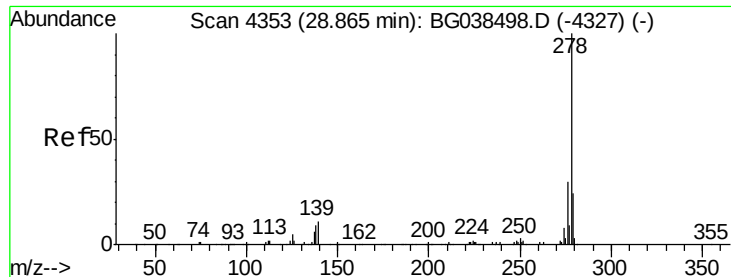


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



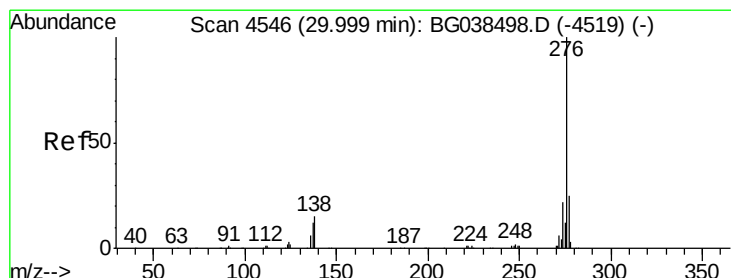
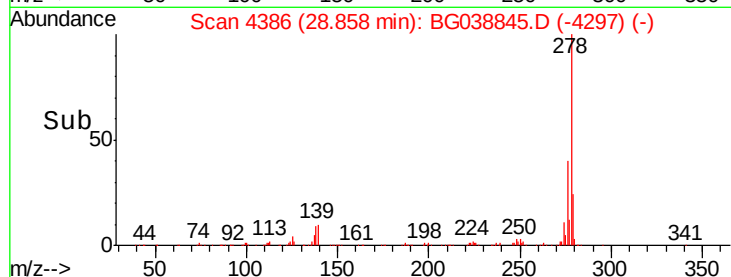
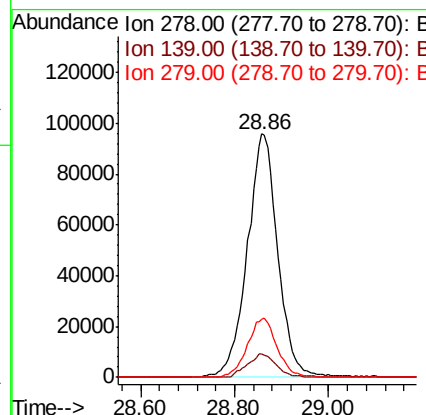
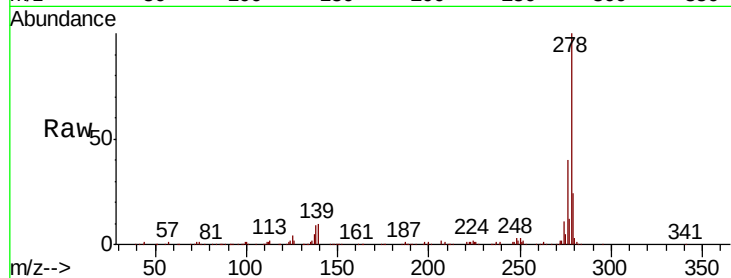


#91
Dibenzo(a,h)anthracene
Concen: 47.538 ng
RT: 28.86 min Scan# 4386
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:278 Resp: 430869

Ion	Ratio	Lower	Upper
278	100		
139	9.5	8.6	12.8
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.383 ng
RT: 30.00 min Scan# 4580
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:276 Resp: 423238

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	11.3	11.8	17.6

