

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

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

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

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

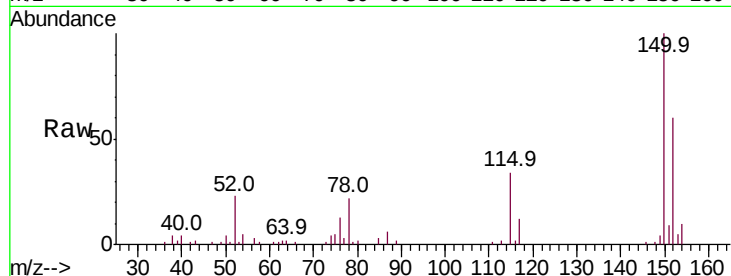


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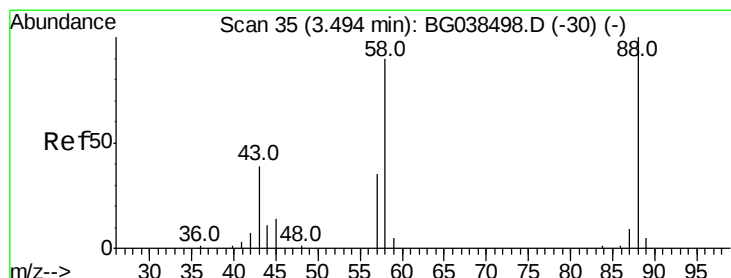
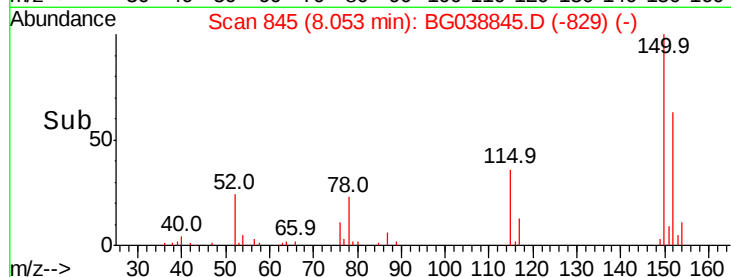
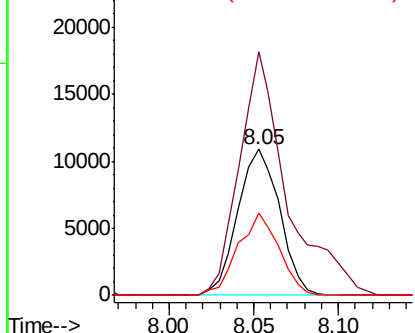
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:152 Resp: 18902
Ion Ratio Lower Upper
152 100
150 167.0 119.5 179.3
115 56.8 49.6 74.4



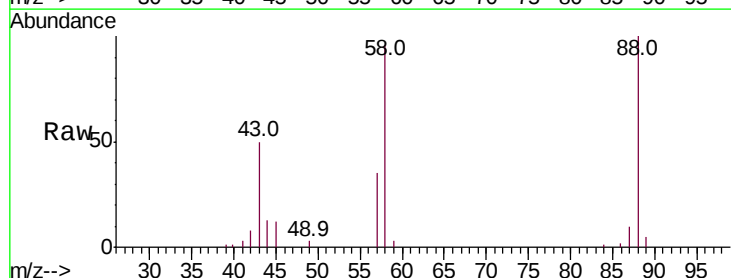
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



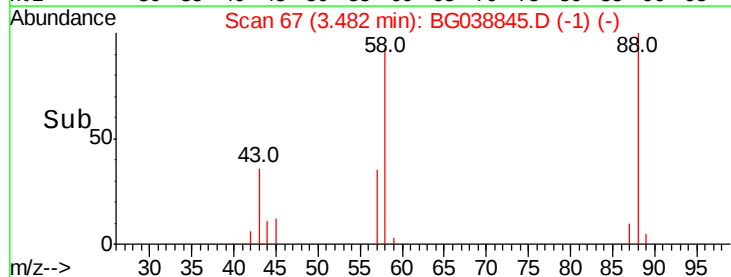
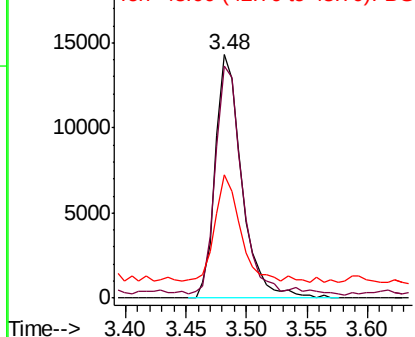
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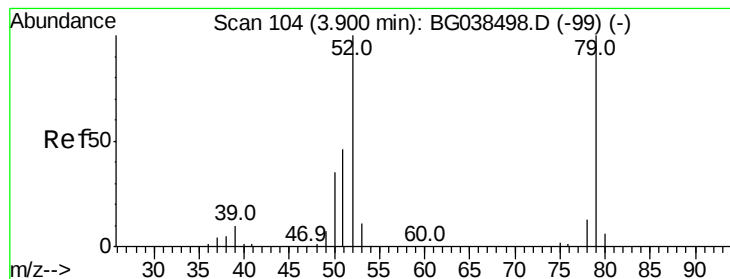
1,4-Dioxane
Concen: 43.460 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion: 88 Resp: 21556
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

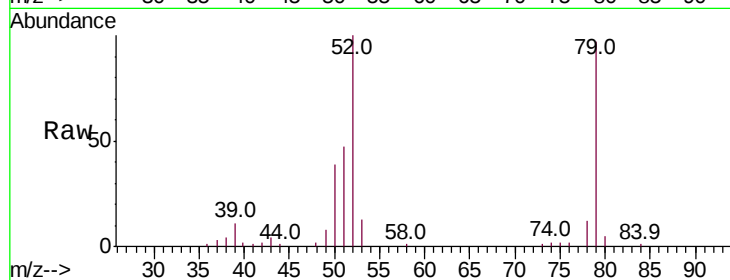
Tot Ion: 79 Resp: 41531

Ion Ratio Lower Upper

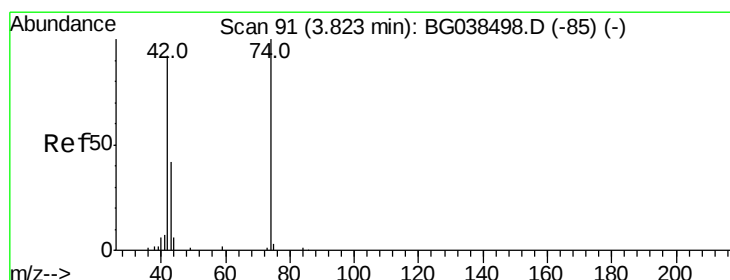
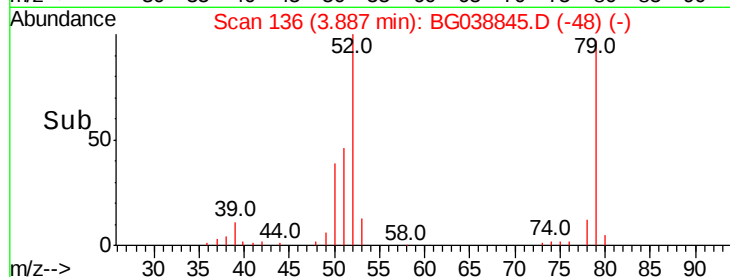
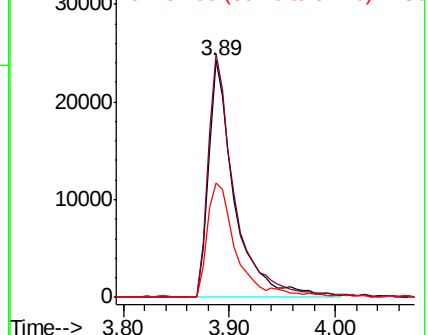
79 100

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

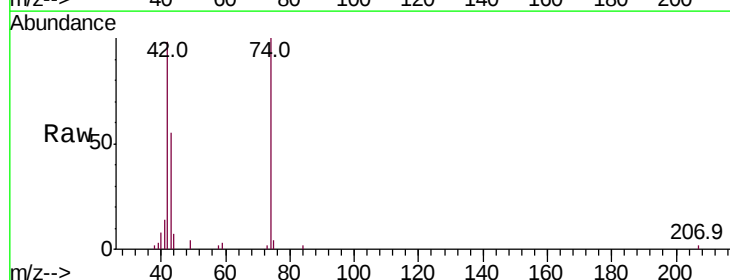
Tgt Ion: 42 Resp: 24572

Ion Ratio Lower Upper

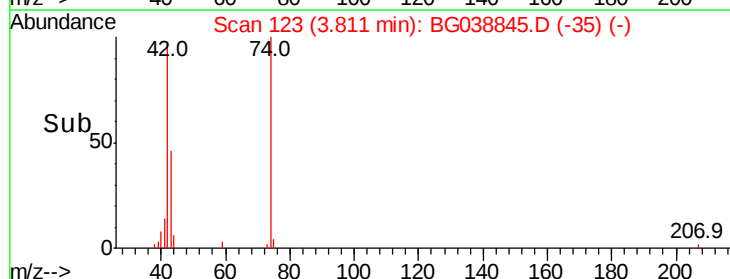
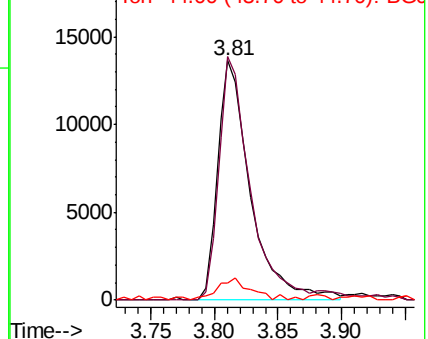
42 100

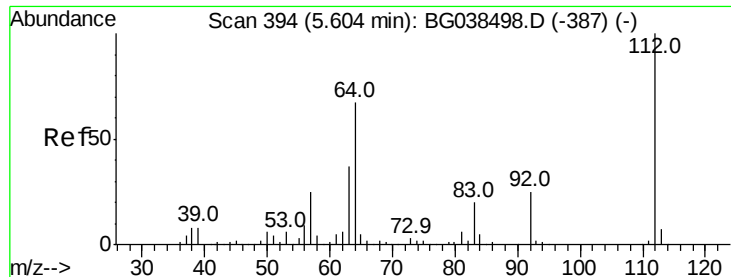
74 101.8 86.7 130.1

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

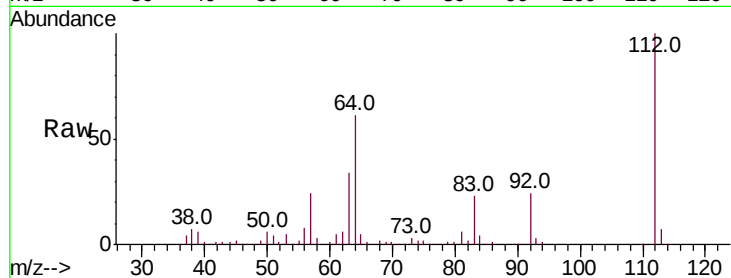
Tot Ion:112 Resp: 133245

Ion Ratio Lower Upper

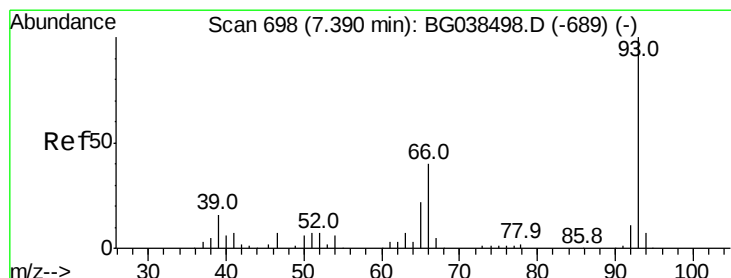
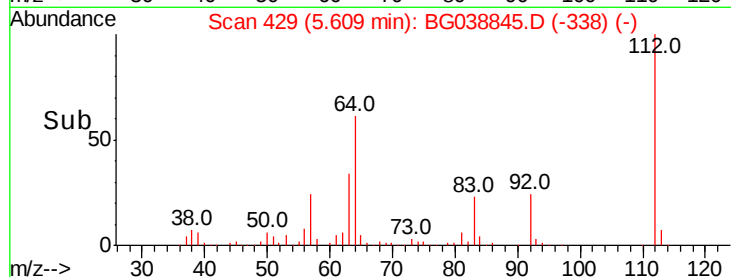
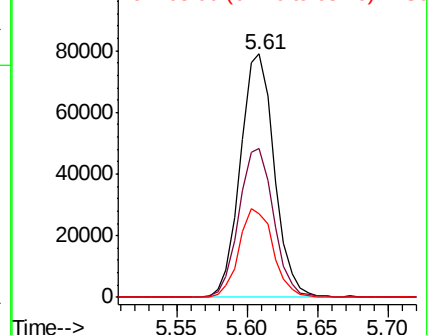
112 100

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

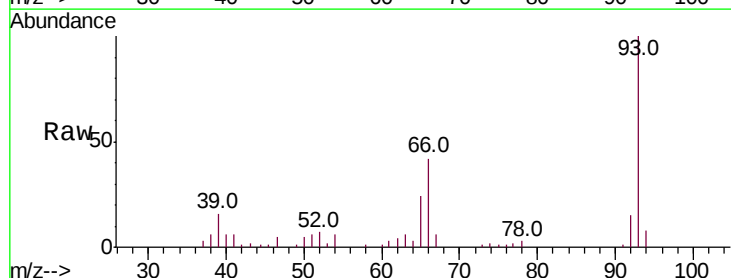
Tgt Ion: 93 Resp: 57731

Ion Ratio Lower Upper

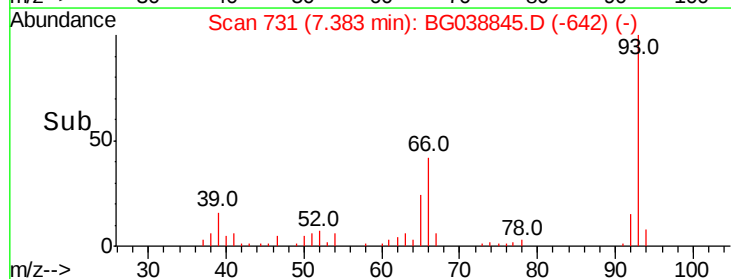
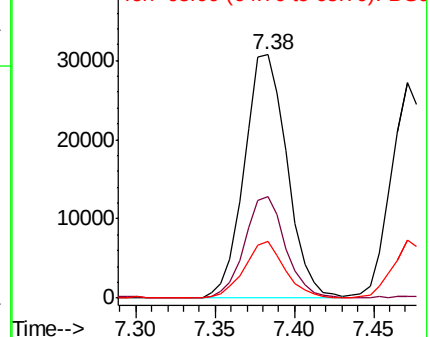
93 100

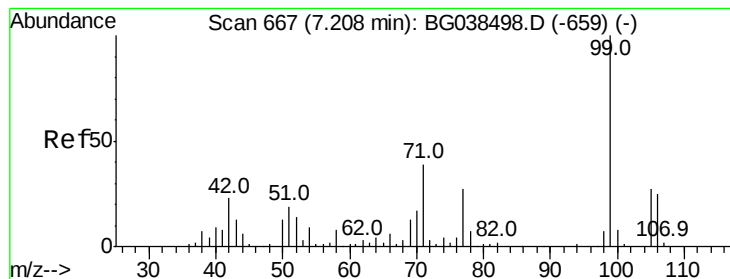
66 41.6 31.7 47.5

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

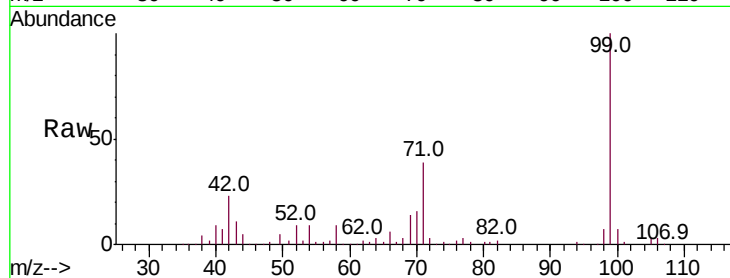
Tot Ion: 99 Resp: 188743

Ion Ratio Lower Upper

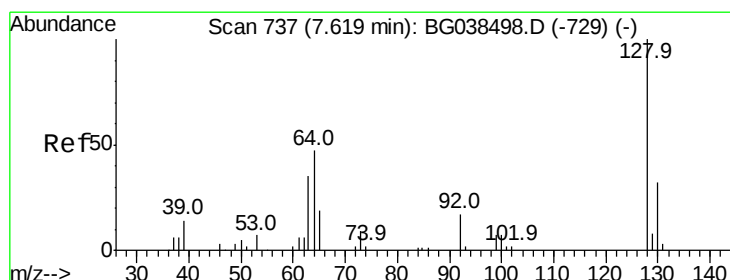
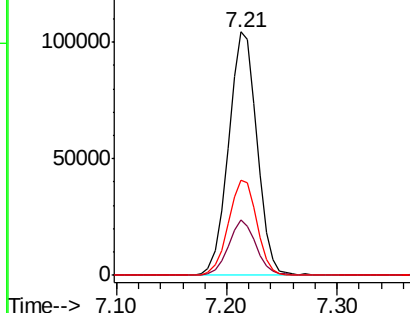
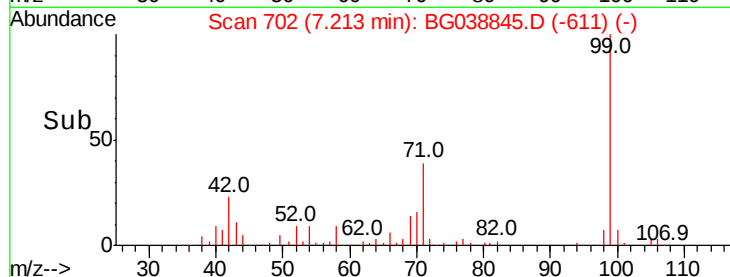
99 100

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

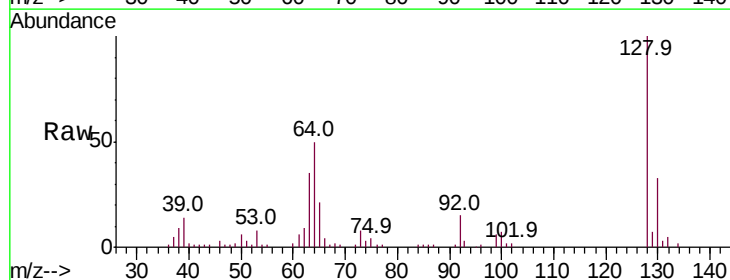
Tgt Ion:128 Resp: 58286

Ion Ratio Lower Upper

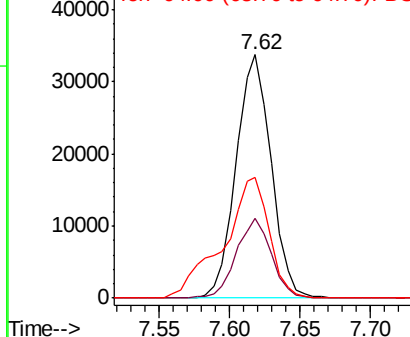
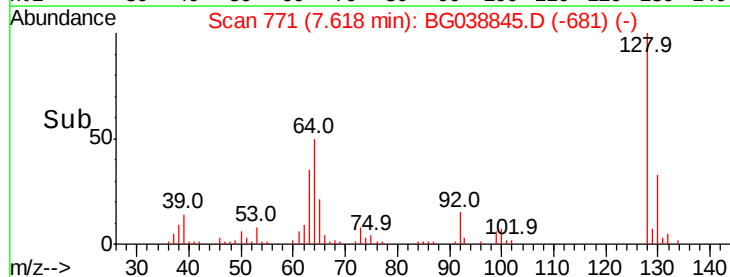
128 100

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

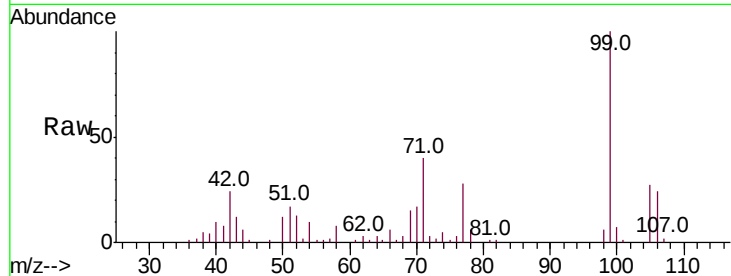




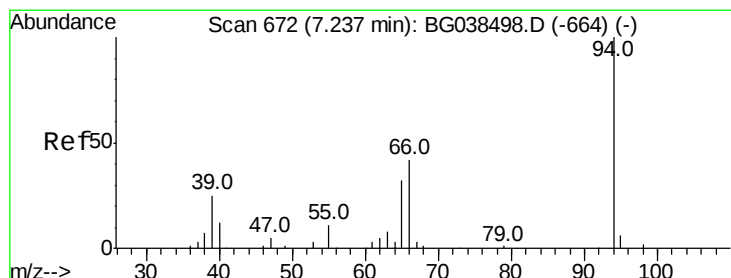
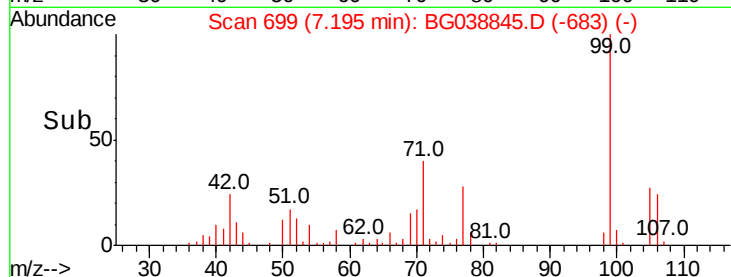
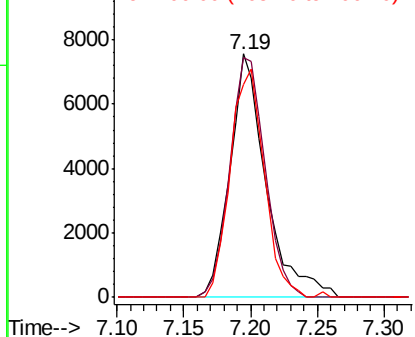
#9
Benzaldehyde
Concen: 15.088 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

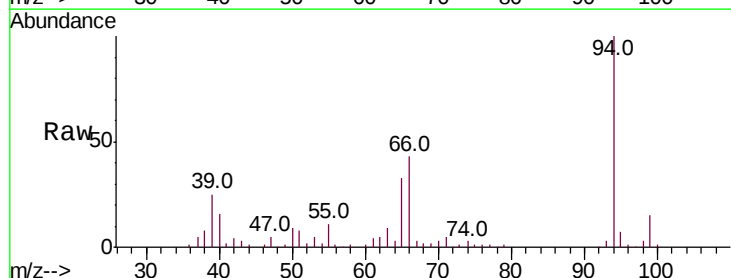


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

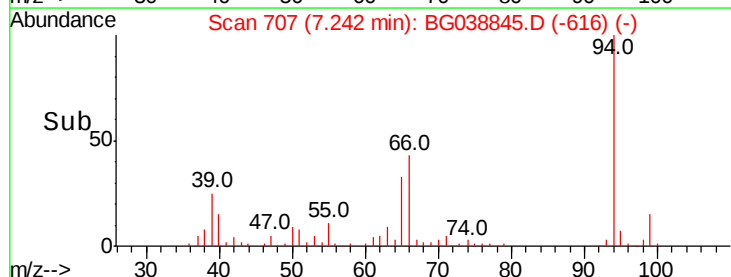
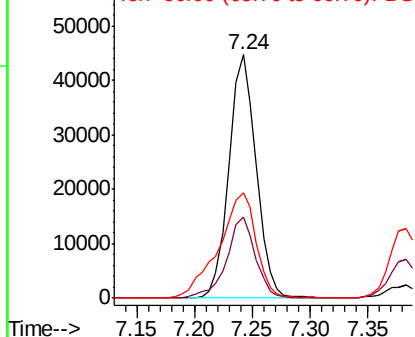


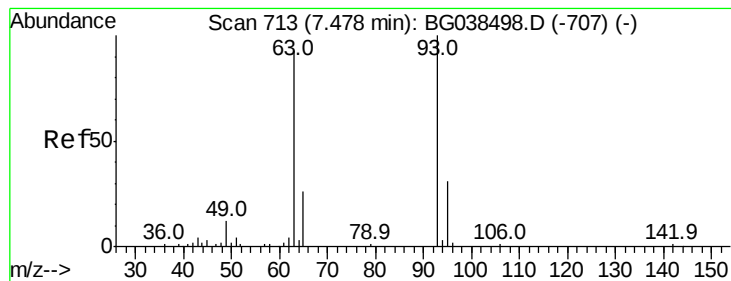
#10
Phenol
Concen: 47.024 ng
RT: 7.24 min Scan# 707
Delta R.T. 0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

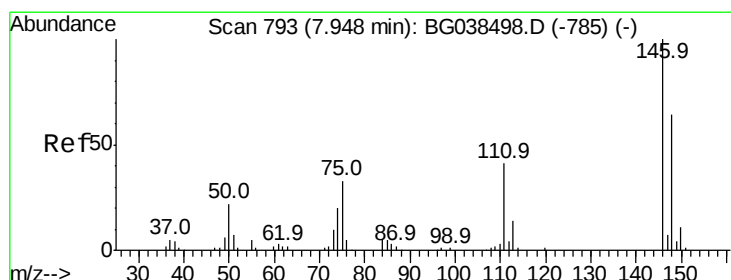
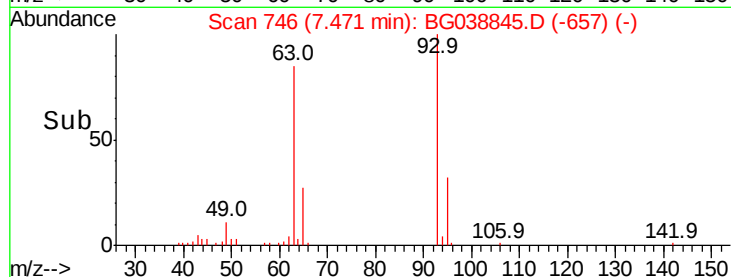
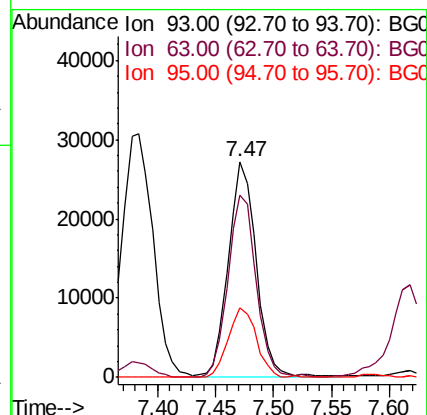
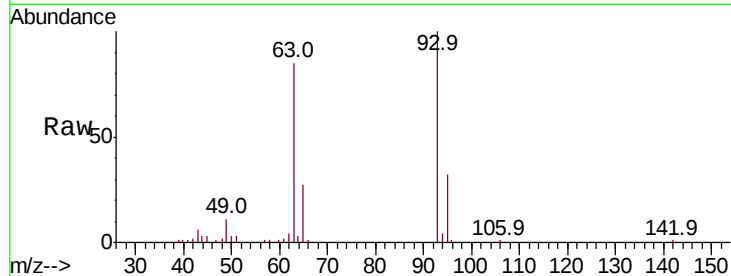
Tot Ion: 93 Resp: 45886

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

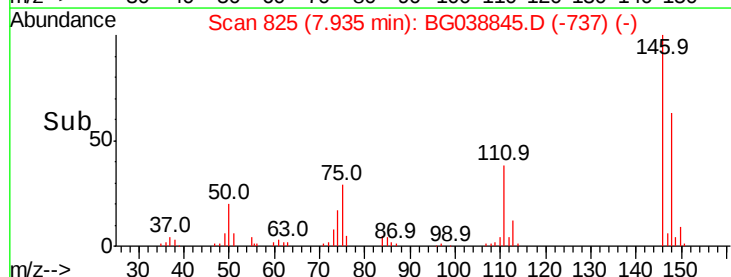
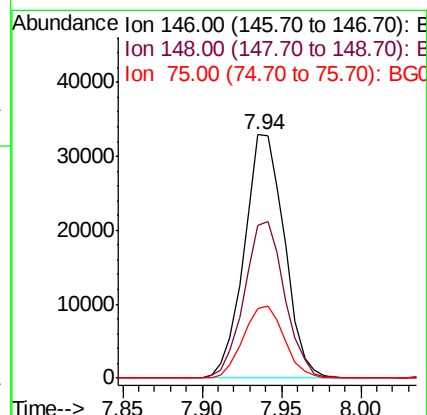
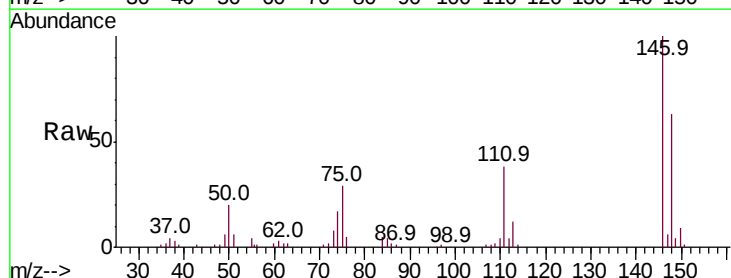
Tgt Ion: 146 Resp: 57921

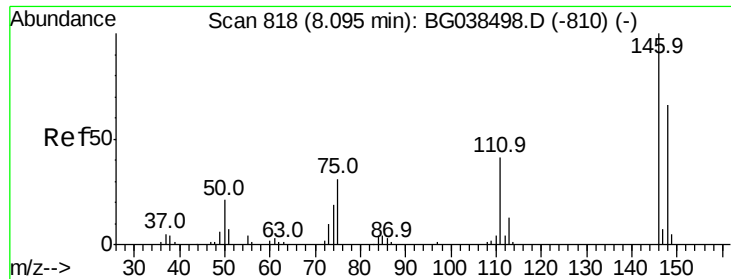
Ion Ratio Lower Upper

146 100

148 62.7 51.4 77.0

75 28.5 26.1 39.1

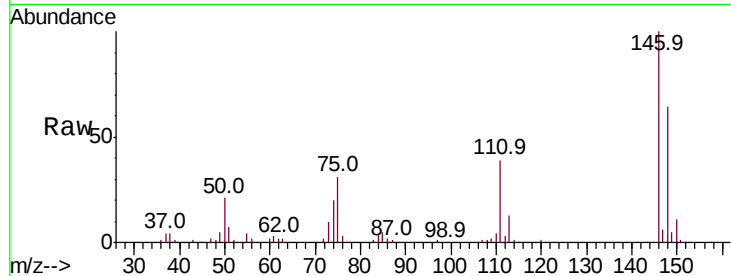




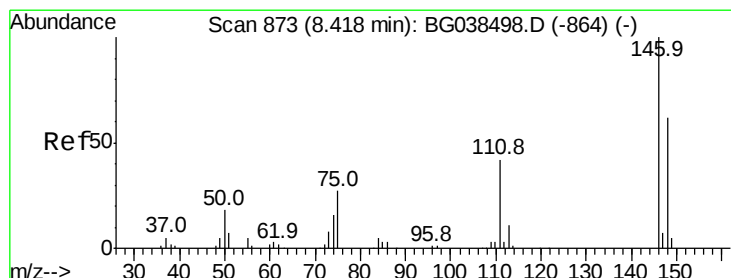
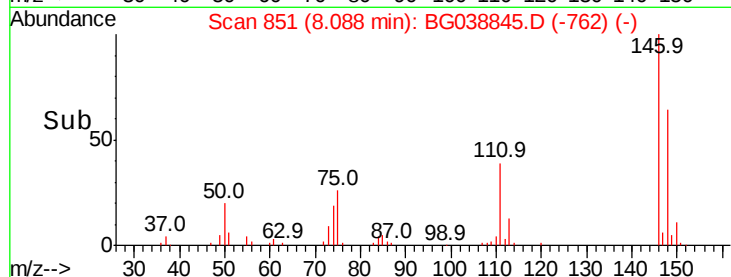
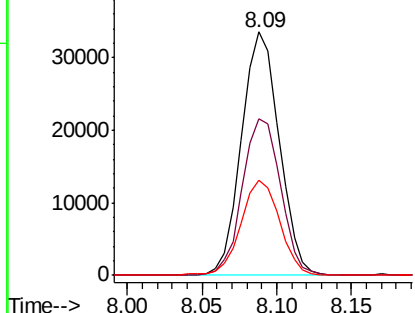
#13
 1,4-Dichlorobenzene
 Concen: 39.260 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

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

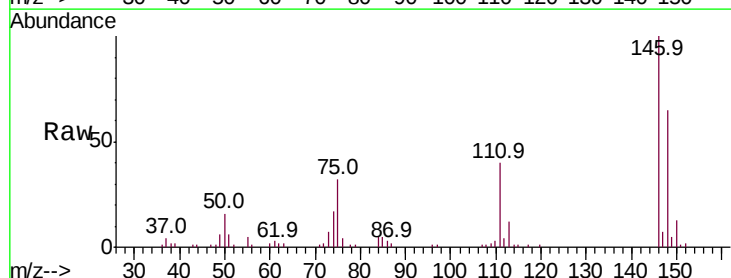


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

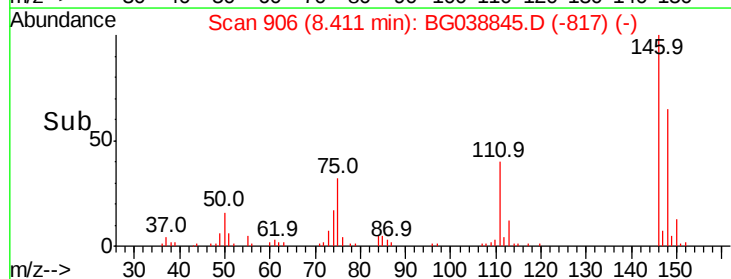
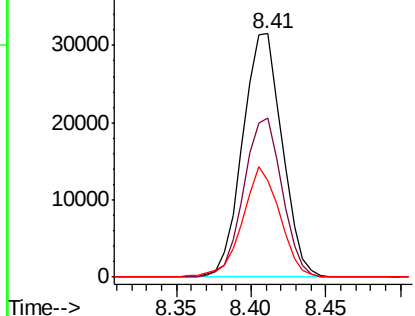


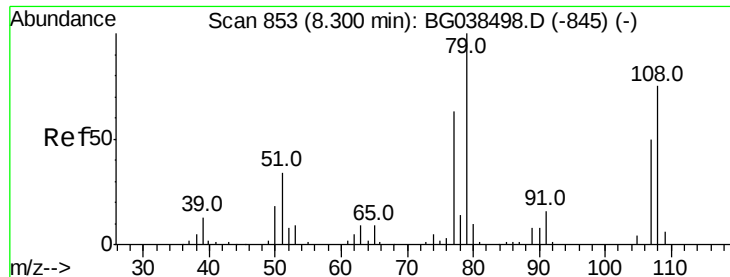
#14
 1,2-Dichlorobenzene
 Concen: 40.931 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

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



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





#15

Benzyl Alcohol

Concen: 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

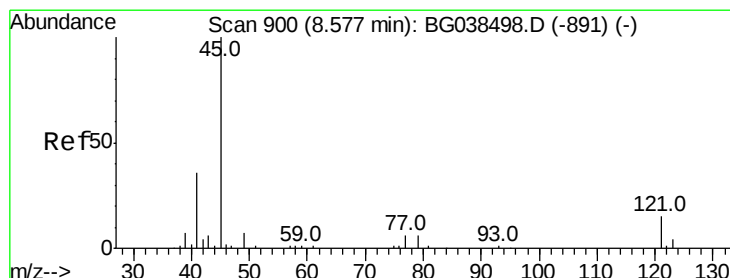
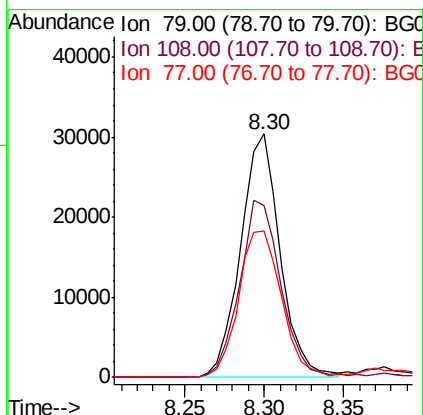
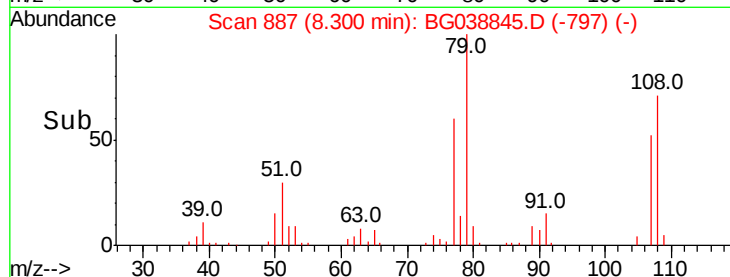
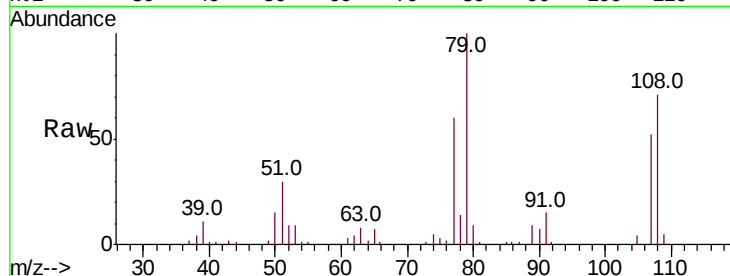
Tot Ion: 79 Resp: 52562

Ion Ratio Lower Upper

79 100

108 70.6 60.2 90.4

77 60.0 50.7 76.1



#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

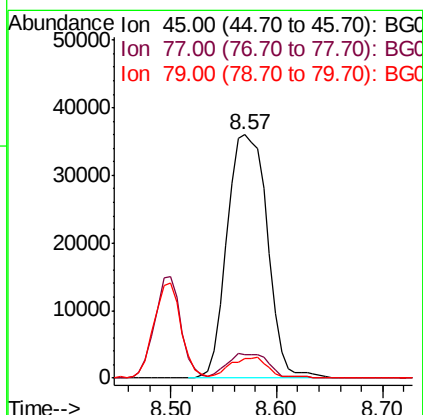
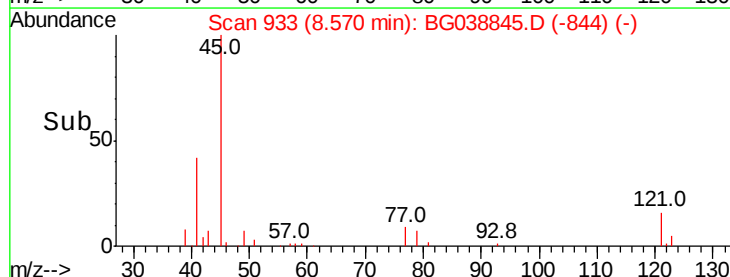
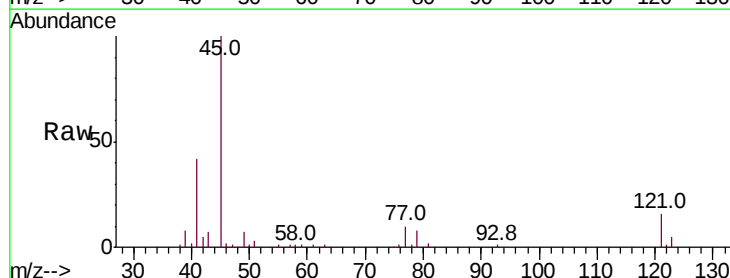
Tgt Ion: 45 Resp: 95165

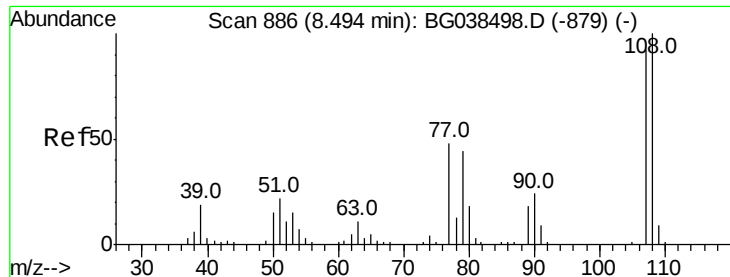
Ion Ratio Lower Upper

45 100

77 9.6 0.0 28.2

79 8.0 0.0 27.2

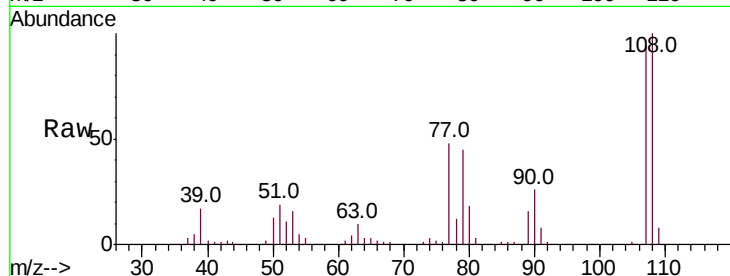




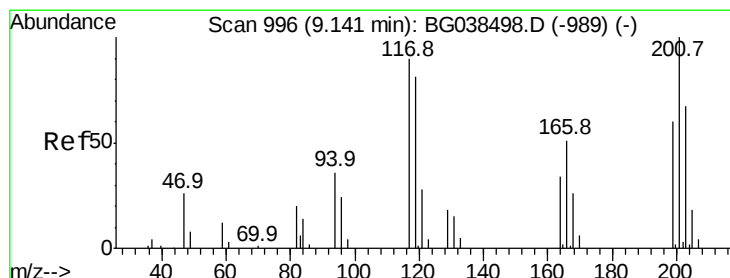
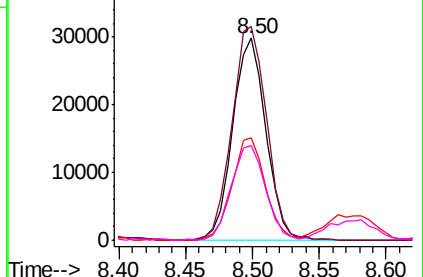
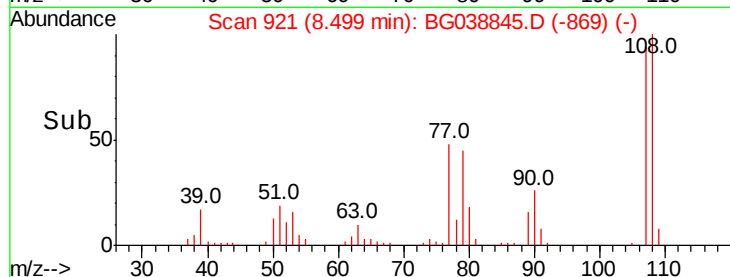
#17
2-Methylphenol
Concen: 49.402 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

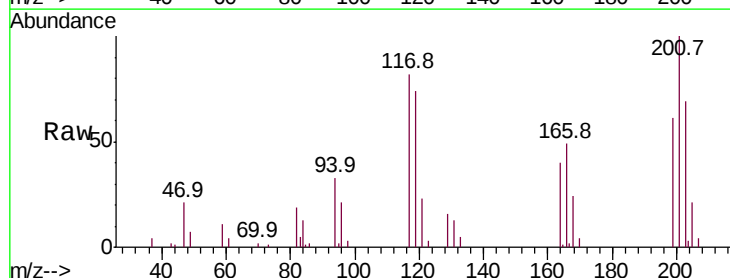


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

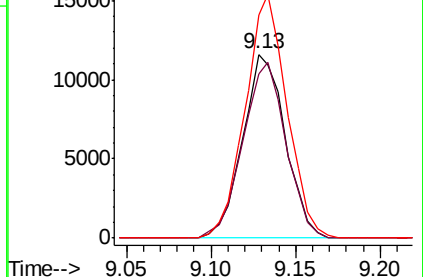
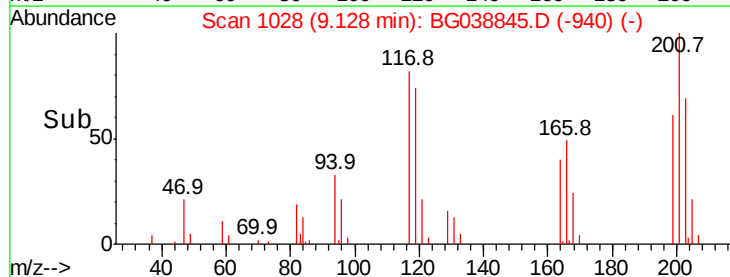


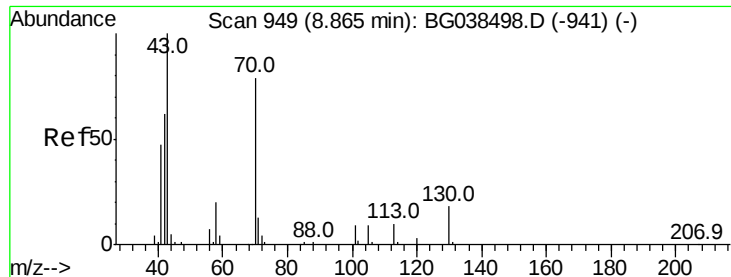
#18
Hexachloroethane
Concen: 37.199 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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



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

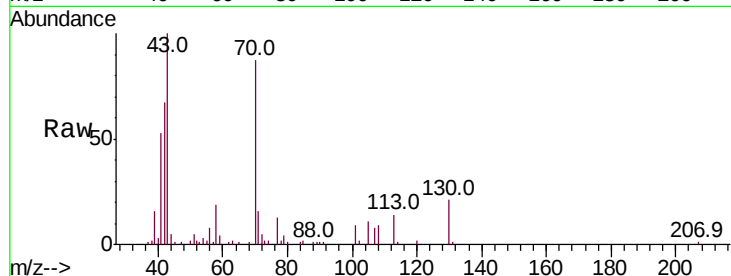




#19
n-Nitroso-di-n-propylamine
Concen: 39.248 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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



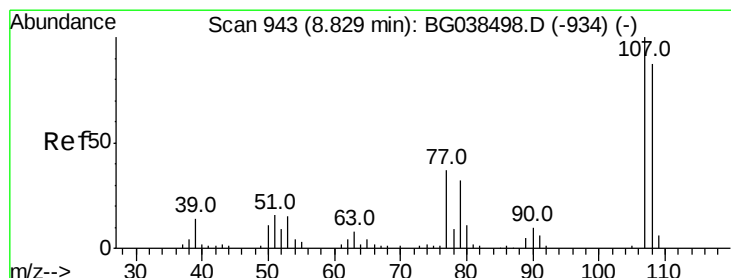
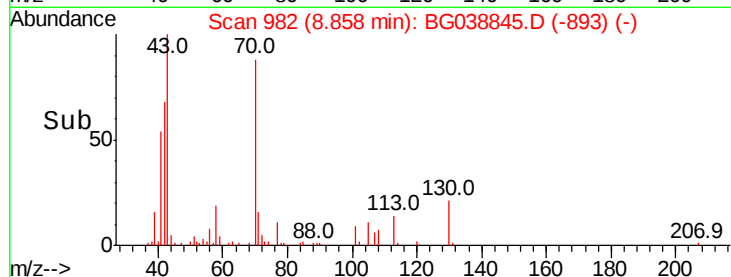
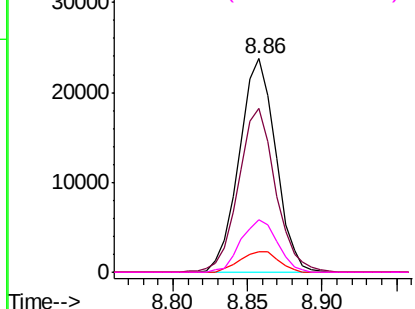
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

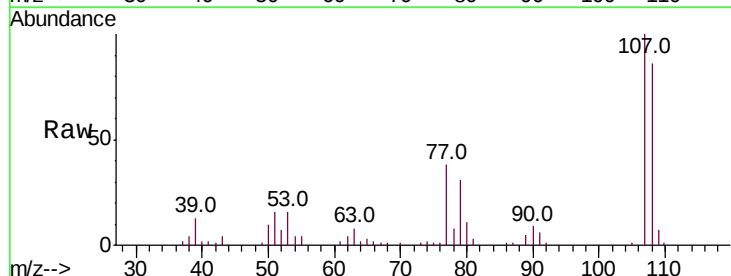
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 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



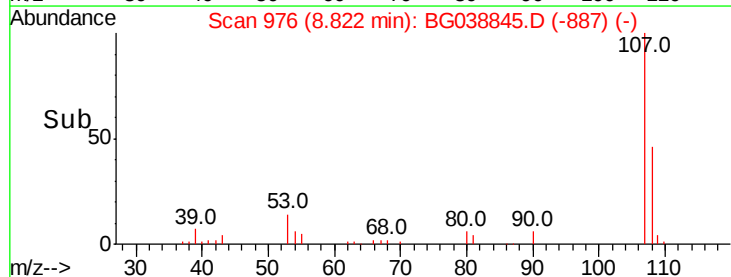
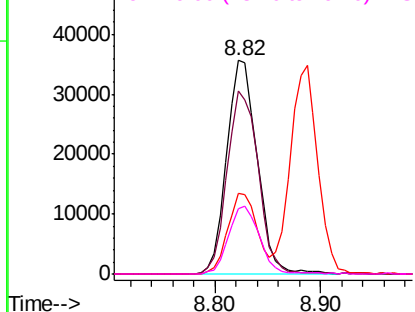
Abundance

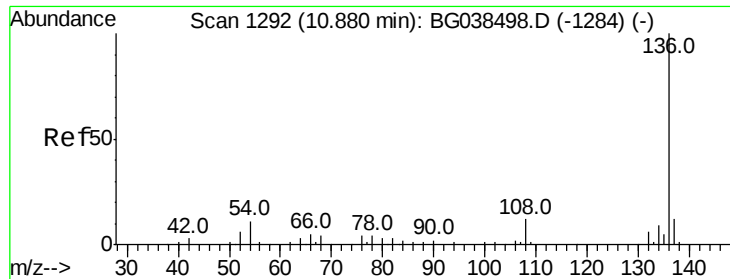
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

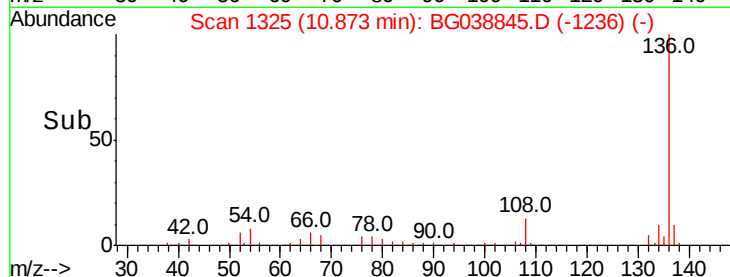
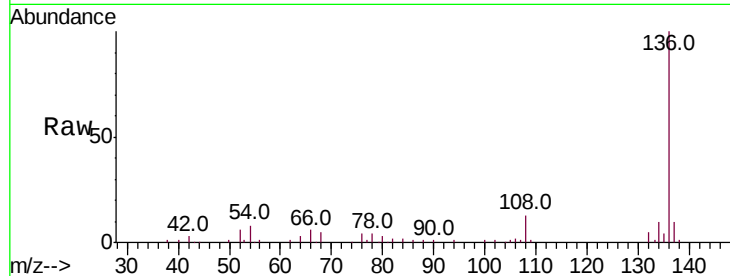
ClientSampleId :

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



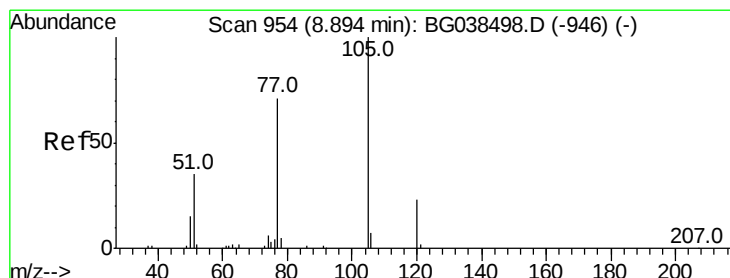
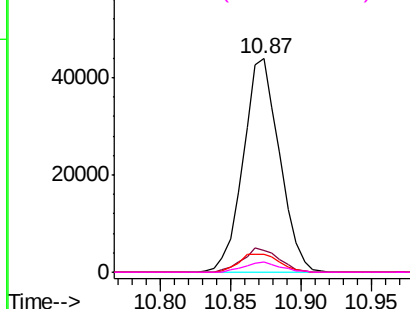
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.478 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

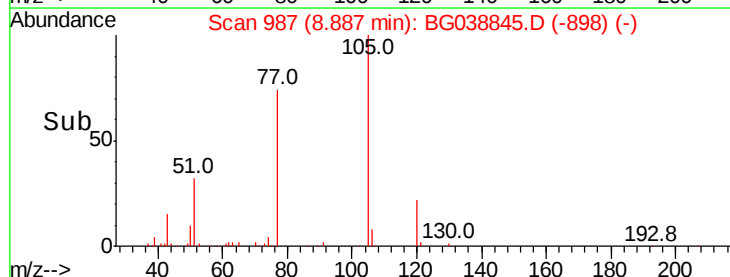
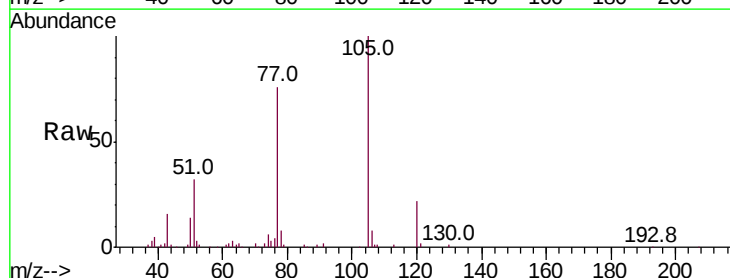
Lab File: BG038845.D

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



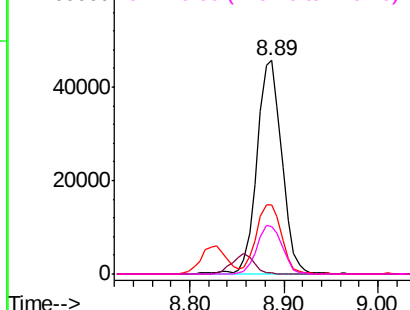
Abundance

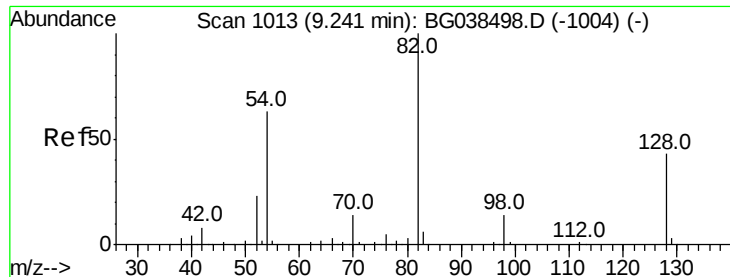
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

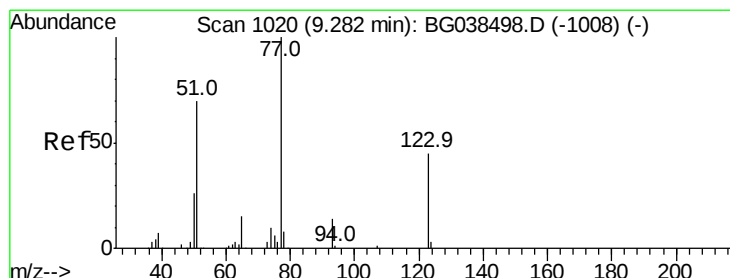
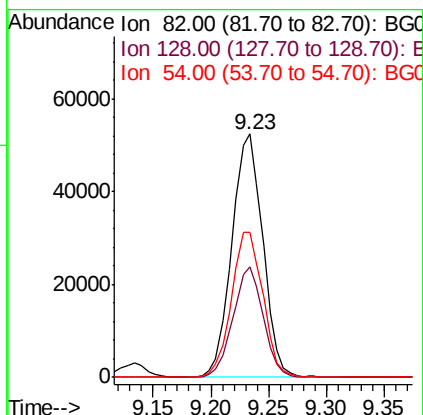
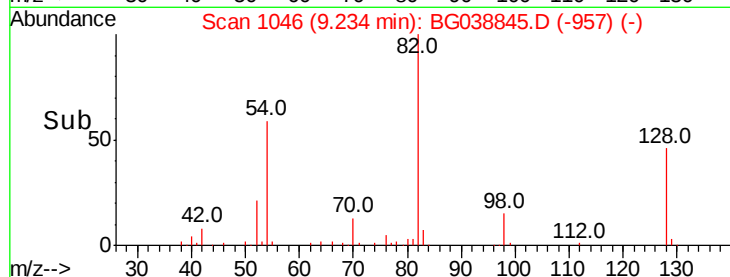
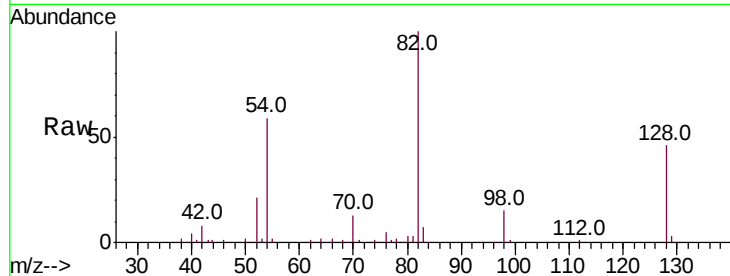




#23
Nitrobenzene-d5
Concen: 62.927 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

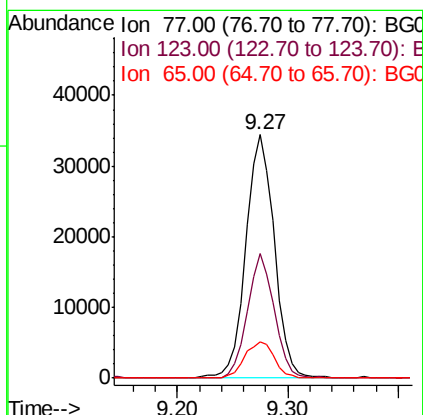
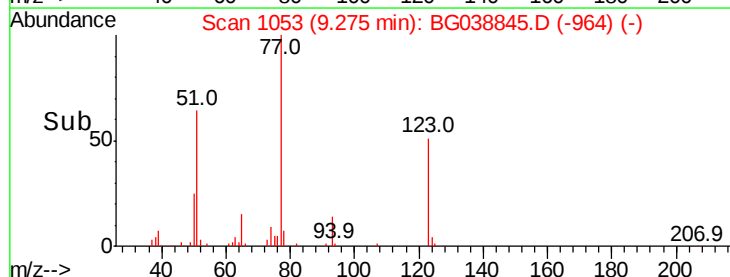
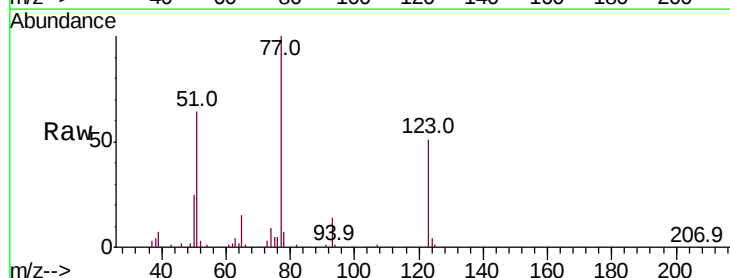
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

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



#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

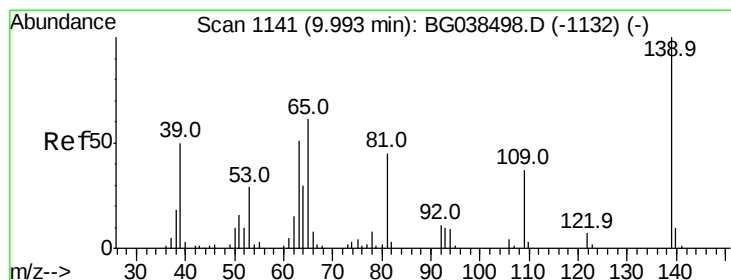
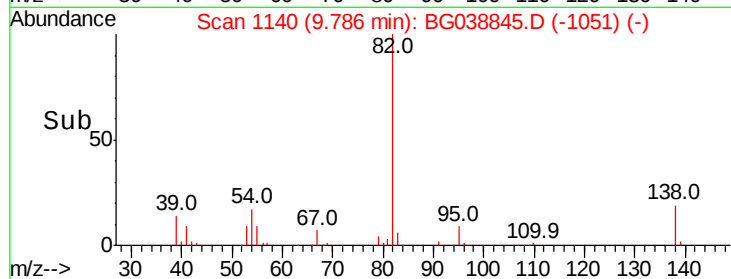
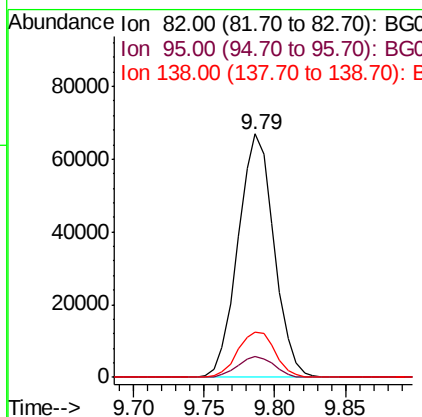
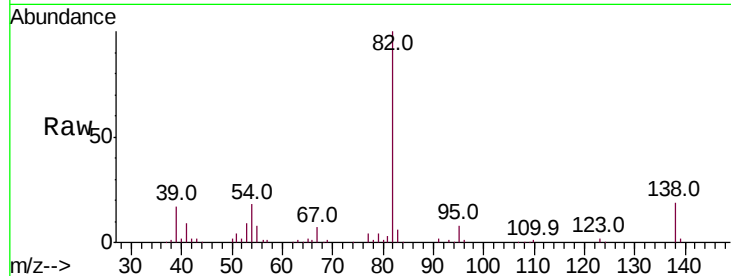




#25
Isophorone
Concen: 42.907 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

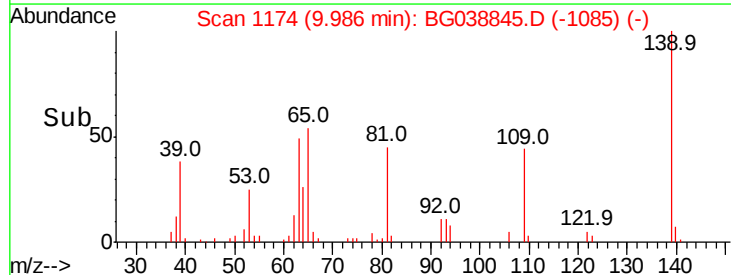
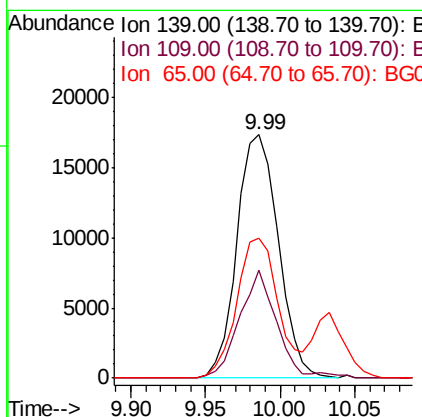
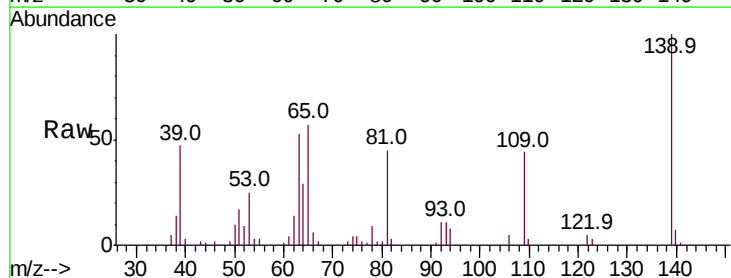
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

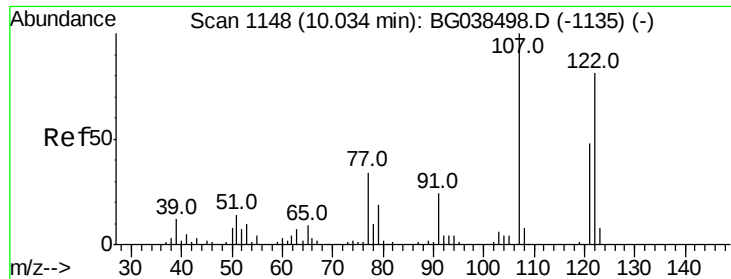
Tot Ion: 82 Resp: 119081
Ion Ratio Lower Upper
82 100
95 8.5 6.1 9.1
138 18.7 14.9 22.3



#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

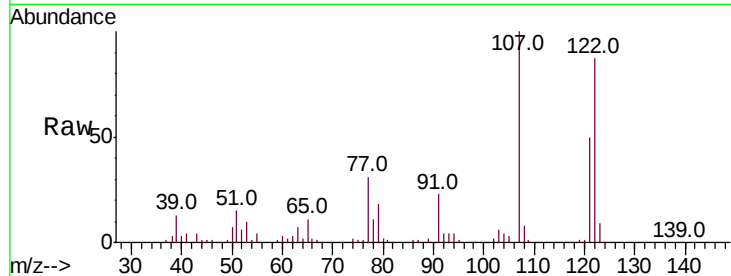




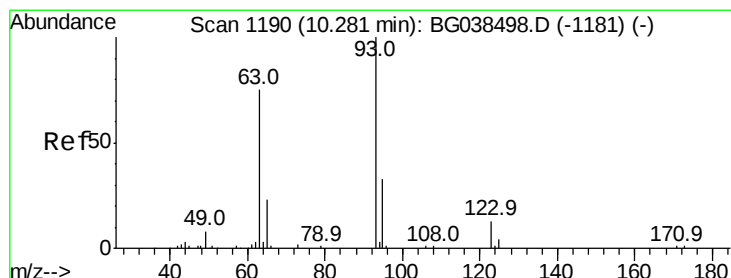
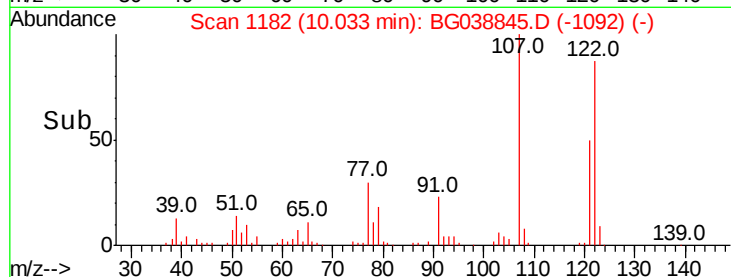
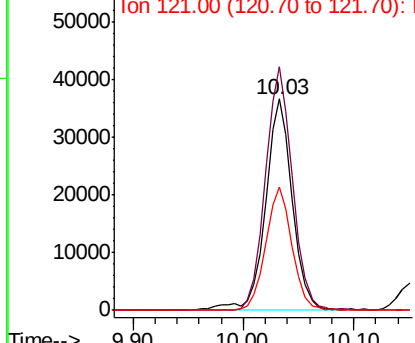
#27
2,4-Dimethylphenol
Concen: 54.005 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

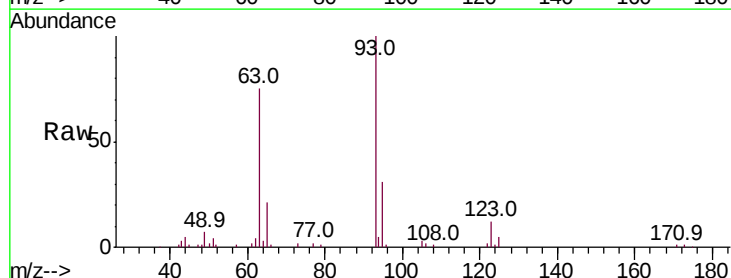


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

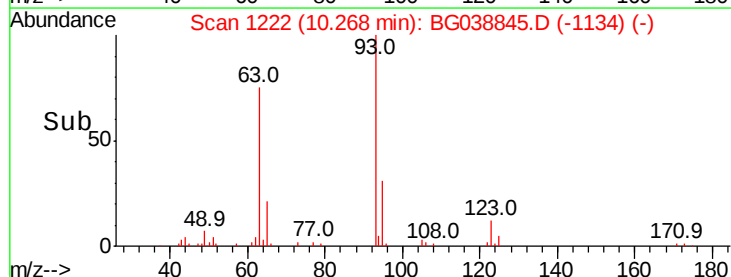
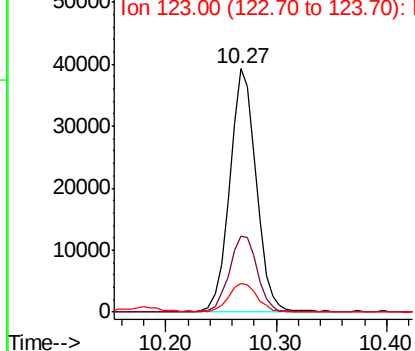


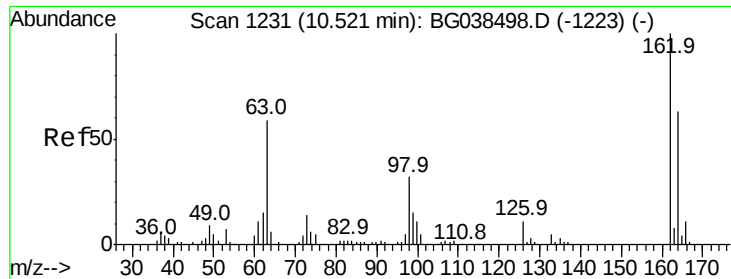
#28
bis(2-Chloroethoxy)methane
Concen: 42.157 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

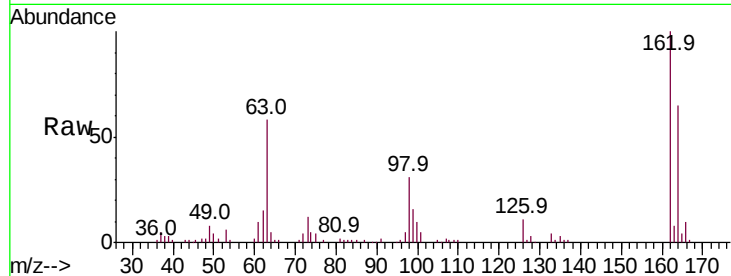




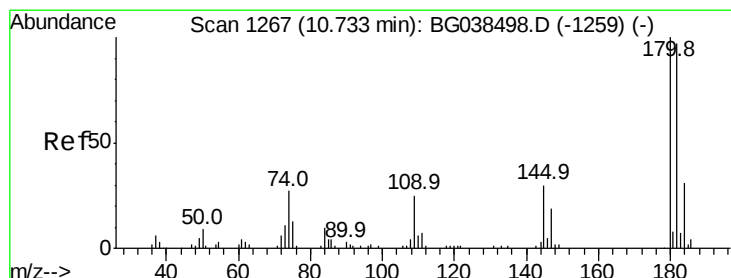
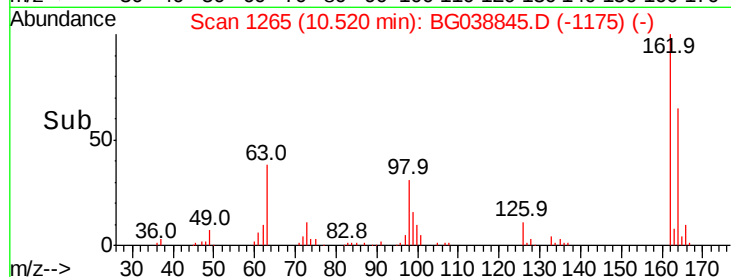
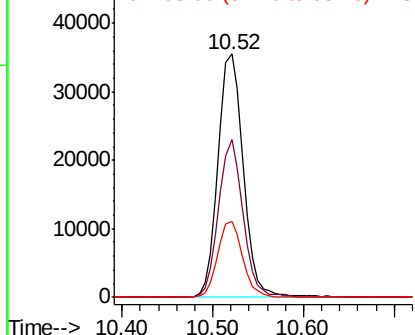
#29
 2,4-Dichlorophenol
 Concen: 54.057 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

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

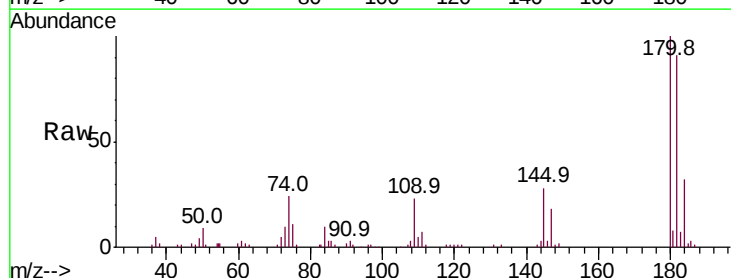


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

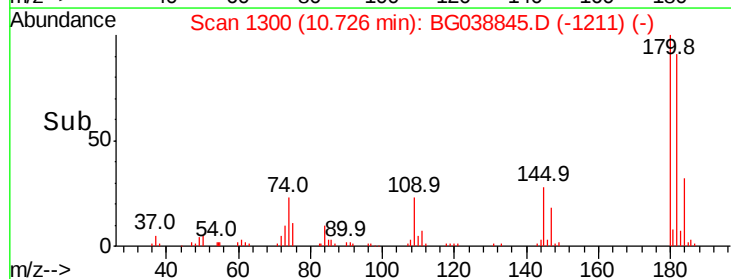
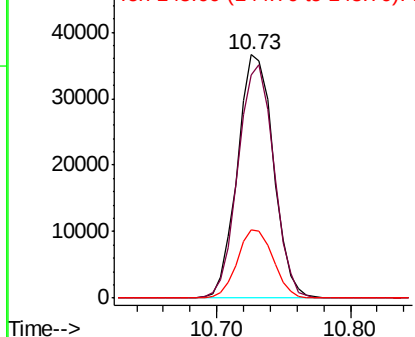


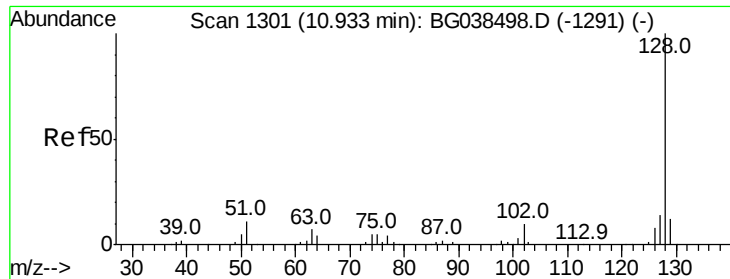
#30
 1,2,4-Trichlorobenzene
 Concen: 44.215 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion	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

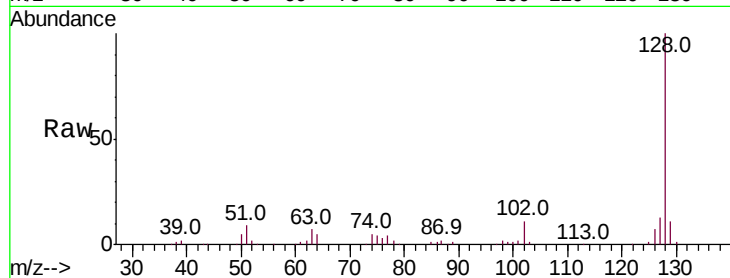




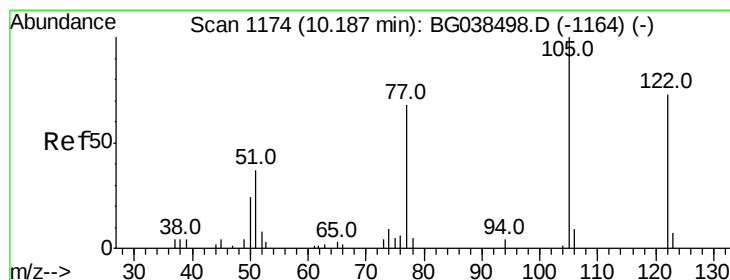
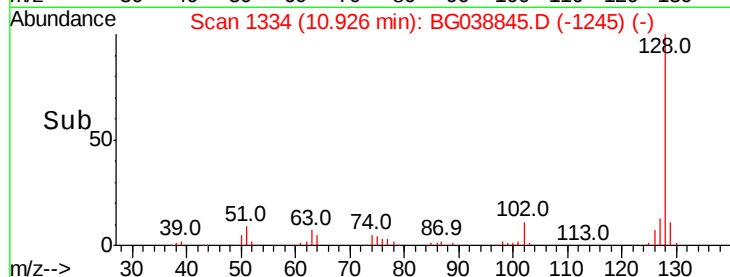
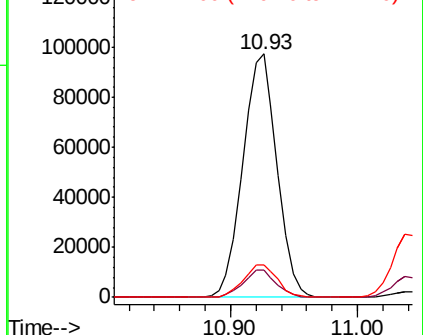
#31
Naphthalene
Concen: 46.599 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

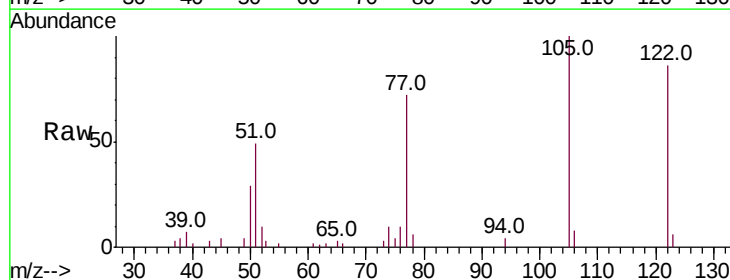


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

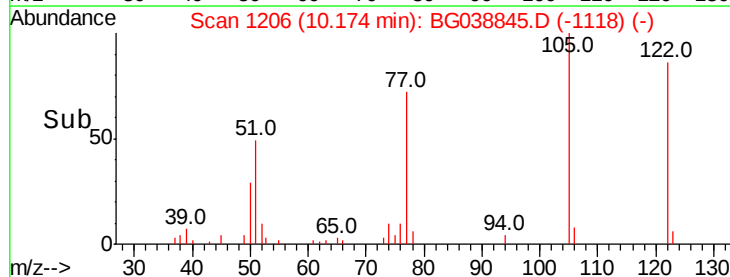
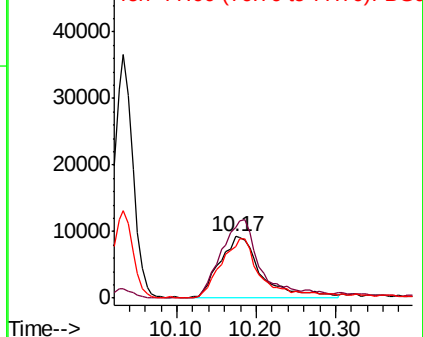


#32
Benzoic acid
Concen: 47.100 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

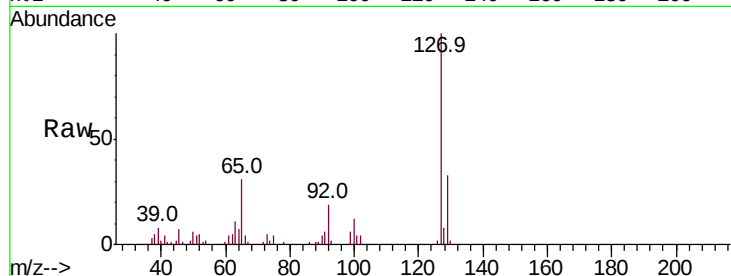




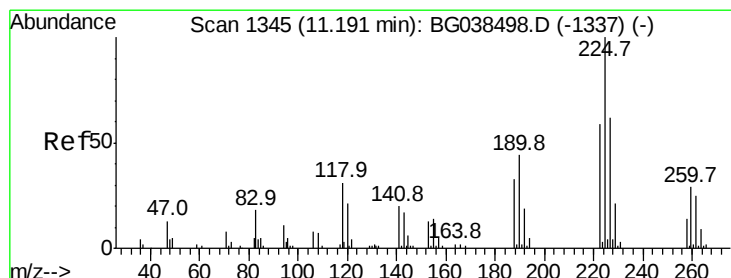
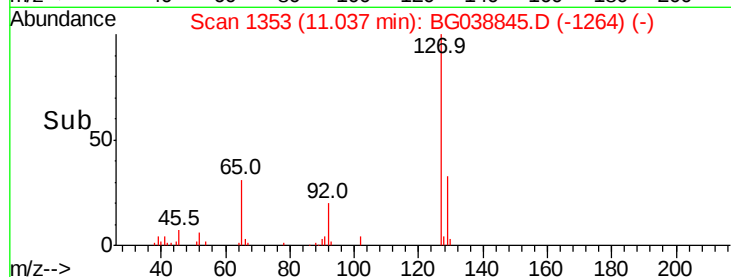
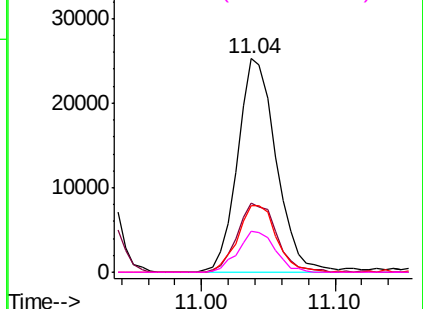
#33
4-Chloroaniline
Concen: 29.924 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

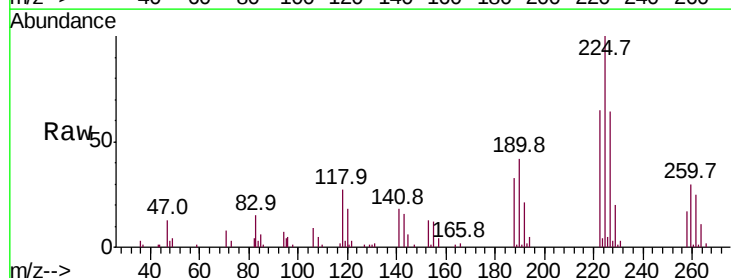


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

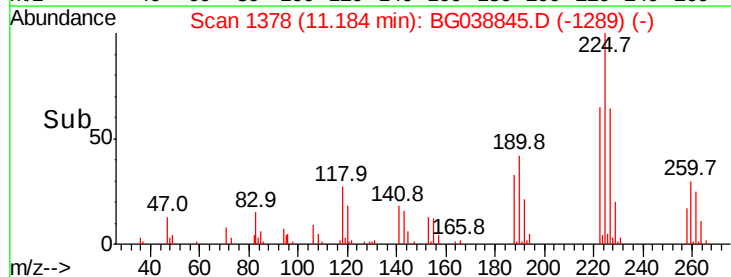
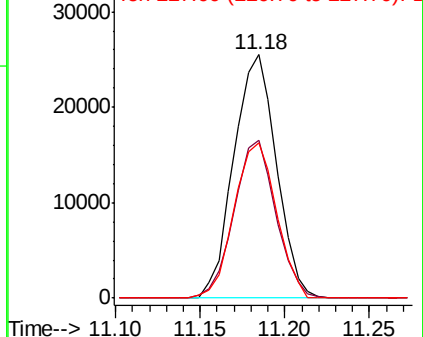


#34
Hexachlorobutadiene
Concen: 42.900 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

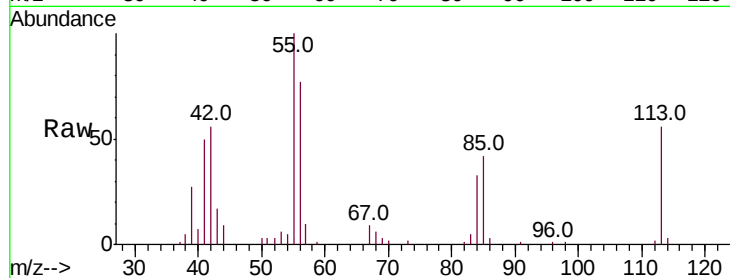
Tot Ion:113 Resp: 24573

Ion Ratio Lower Upper

113 100

55 177.1 204.3 244.3#

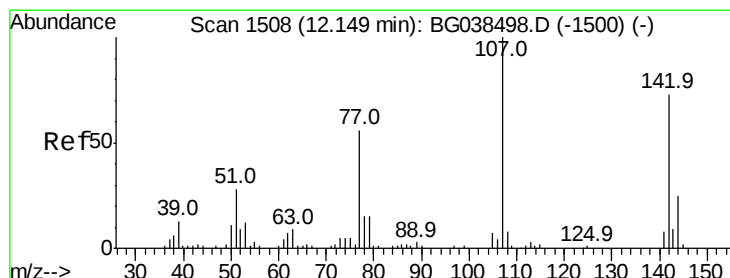
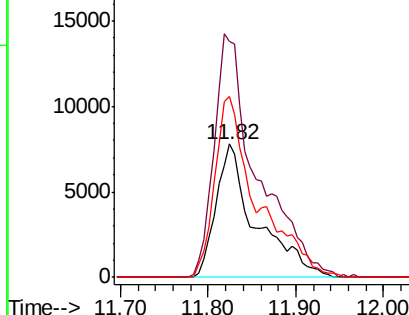
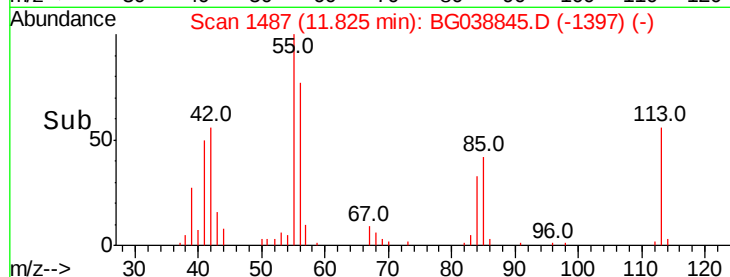
56 135.7 135.0 175.0



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

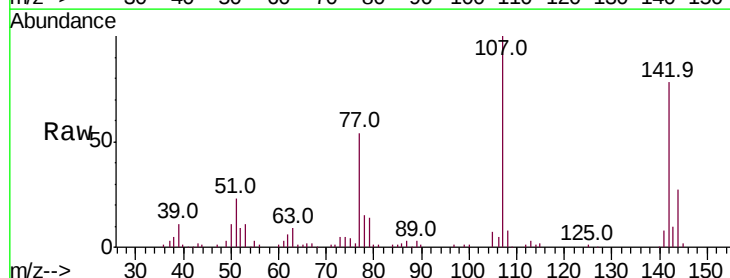
Tgt Ion:107 Resp: 71670

Ion Ratio Lower Upper

107 100

144 26.8 20.1 30.1

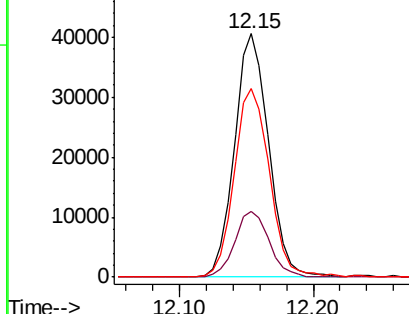
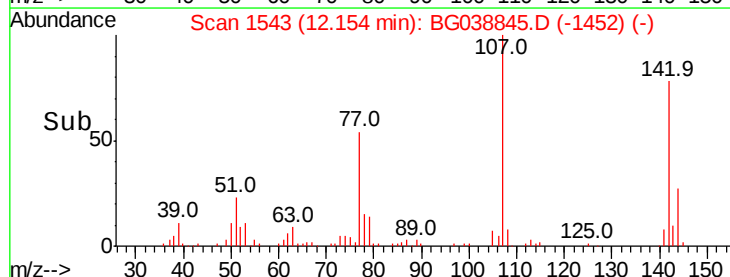
142 77.6 58.7 88.1

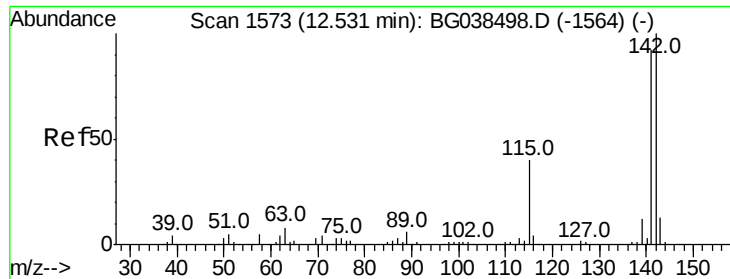


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

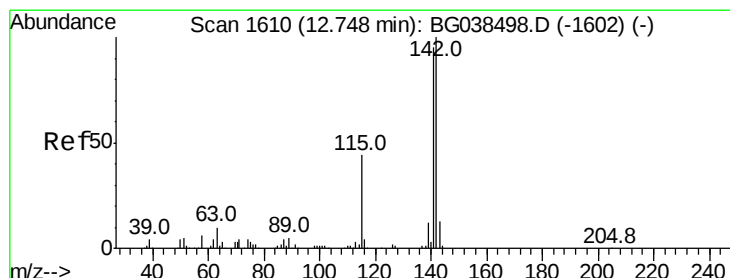
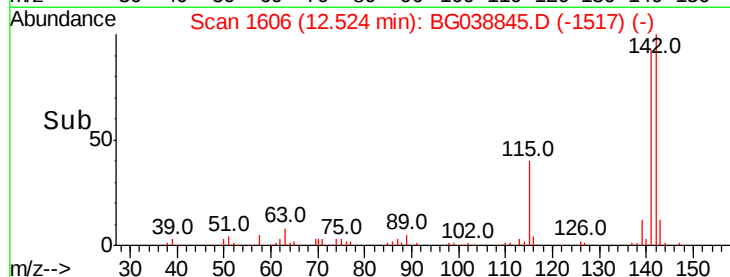
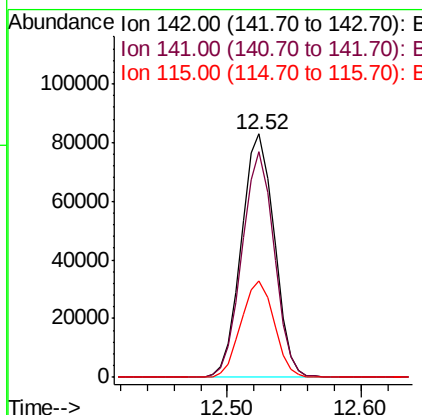
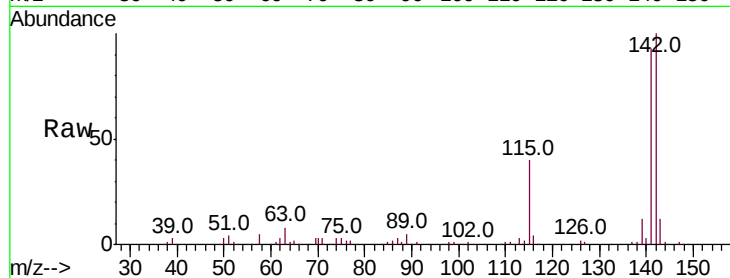




#37
 2-Methylnaphthalene
 Concen: 50.976 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

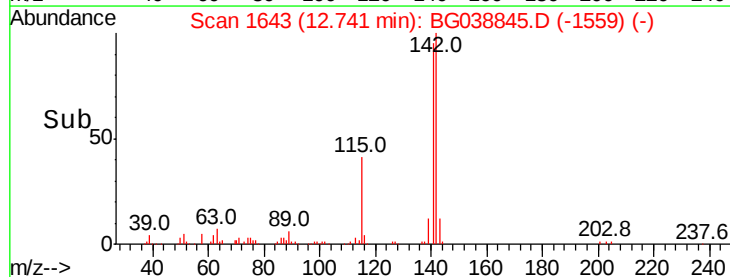
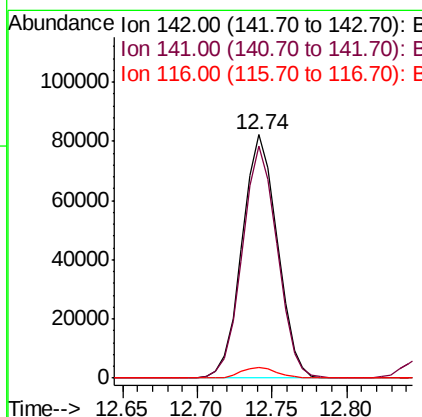
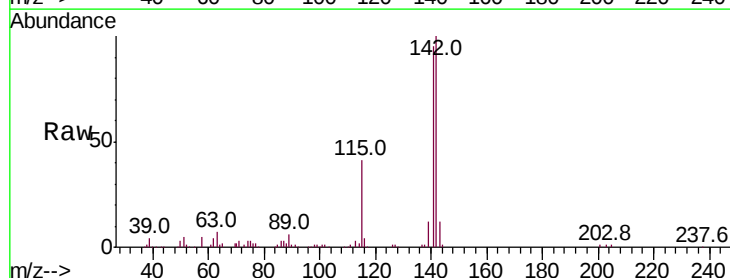
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

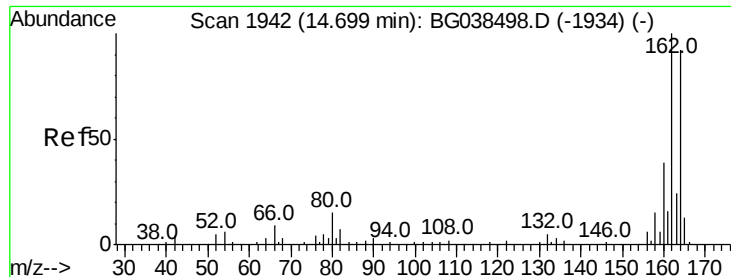
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.5	110.3
115	39.7	31.7	47.5



#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	Ratio	Lower	Upper
142	100		
141	95.2	75.8	113.8
116	4.2	3.6	5.4





#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

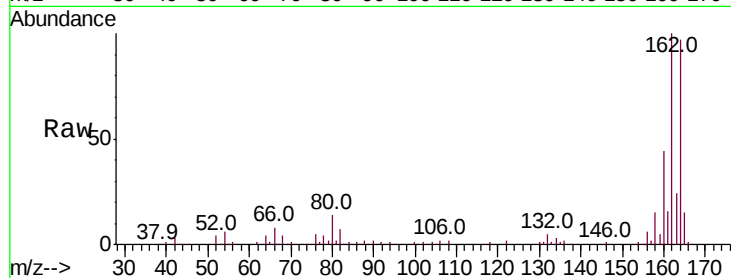
Tot Ion:164 Resp: 58828

Ion Ratio Lower Upper

164 100

162 103.0 86.6 130.0

160 44.8 34.2 51.2

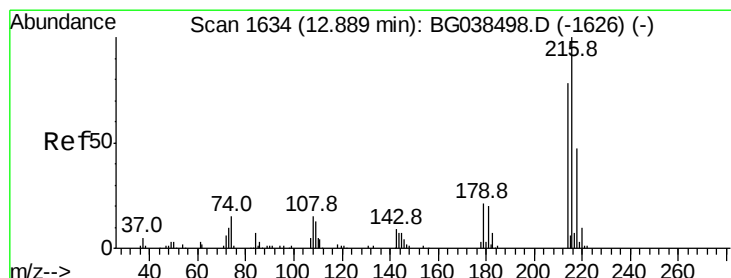
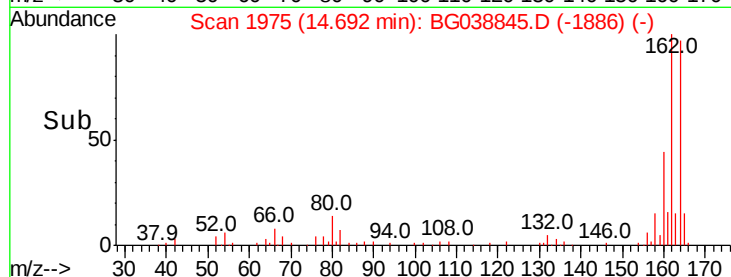
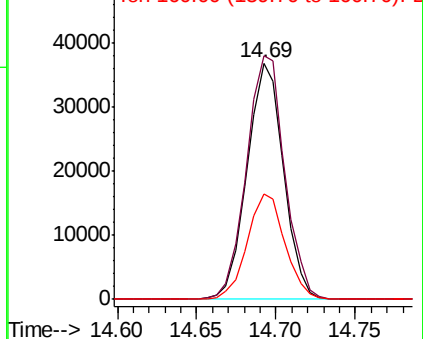


Abundance

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

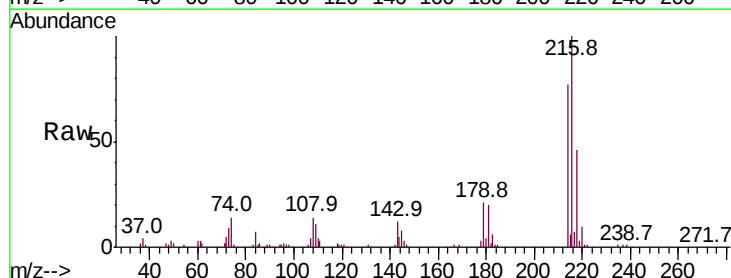
Ion Ratio Lower Upper

216 100

214 79.2 64.1 96.1

179 20.2 16.4 24.6

108 17.0 13.9 20.9



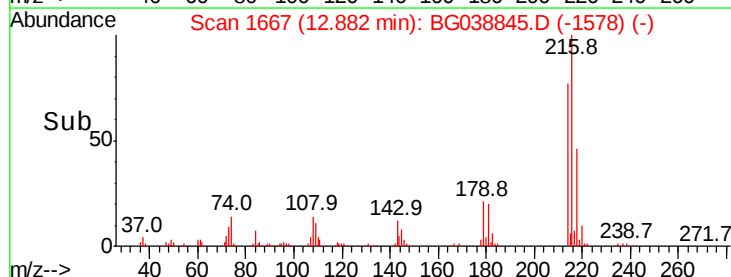
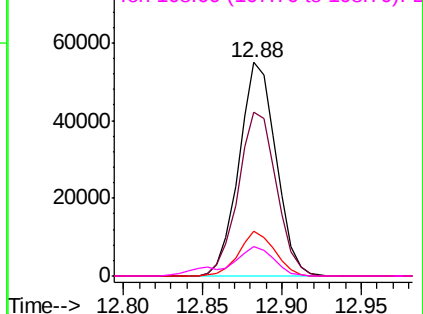
Abundance

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

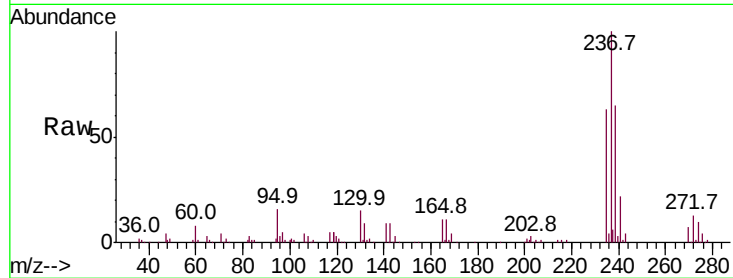
Tot Ion:237 Resp: 107930

Ion Ratio Lower Upper

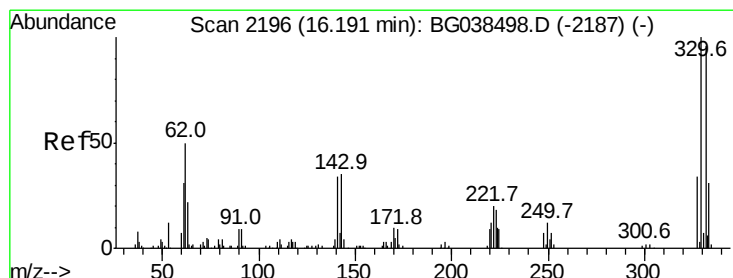
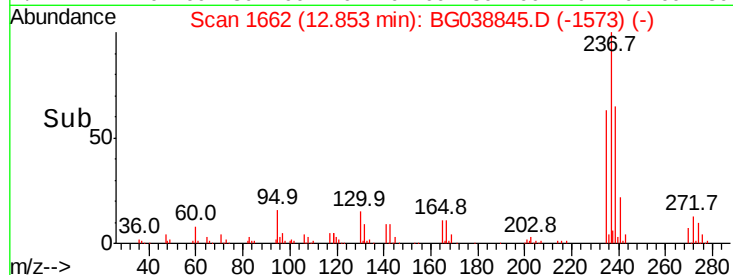
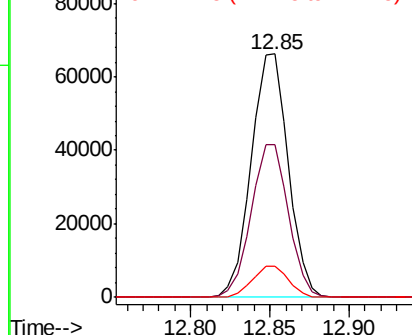
237 100

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

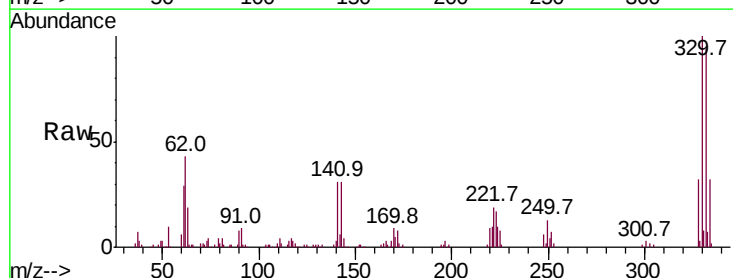
Tgt Ion:330 Resp: 119084

Ion Ratio Lower Upper

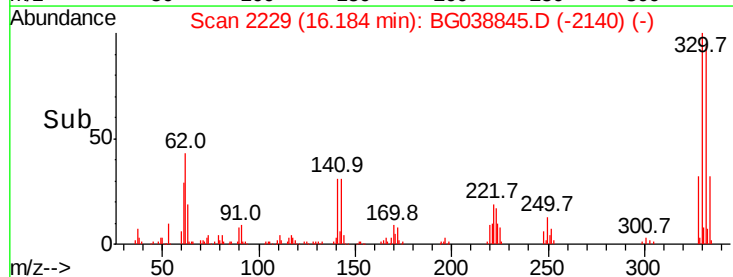
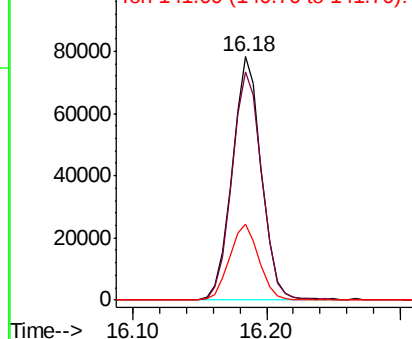
330 100

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

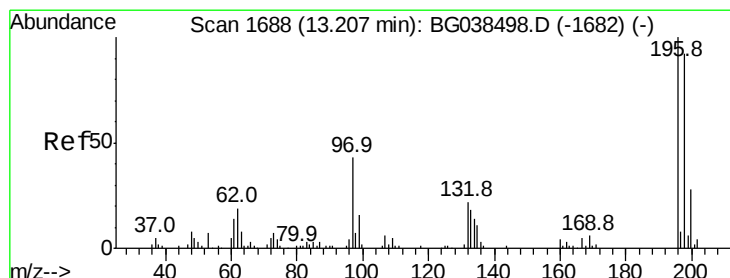
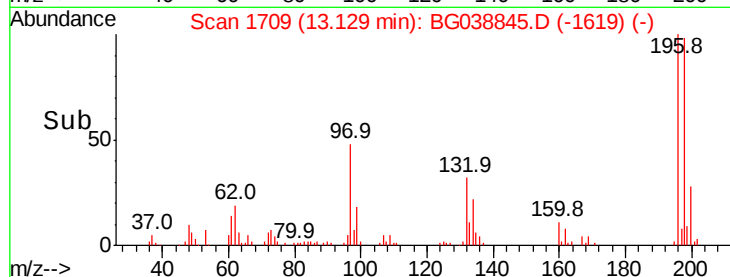
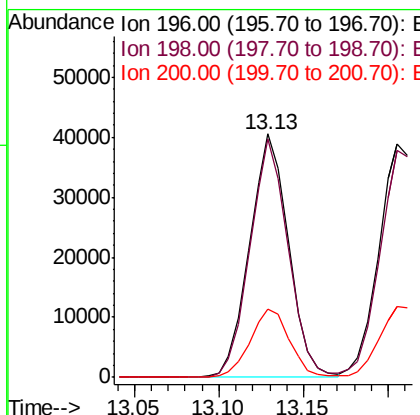
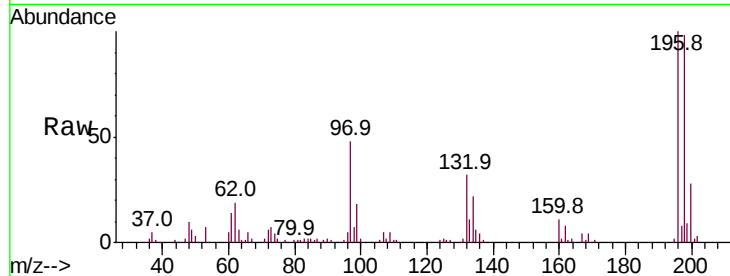




#43
 2,4,6-Trichlorophenol
 Concen: 47.911 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

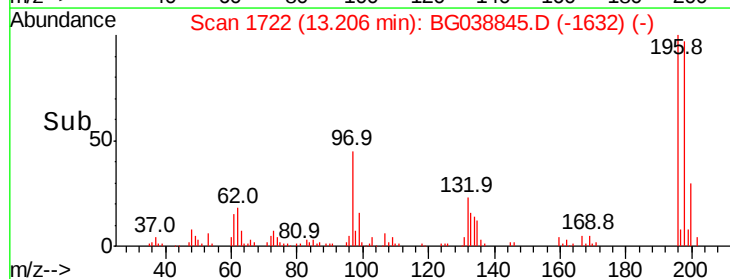
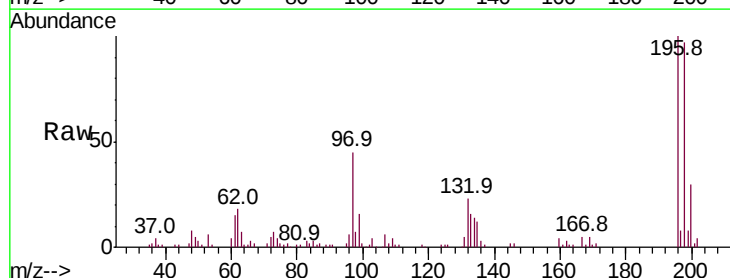
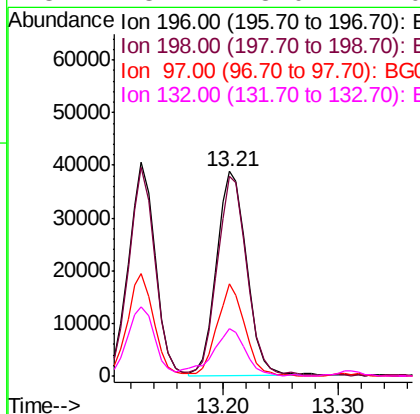
Instrument :
 BNA_G
 ClientSampleID :
 PB116010BSD

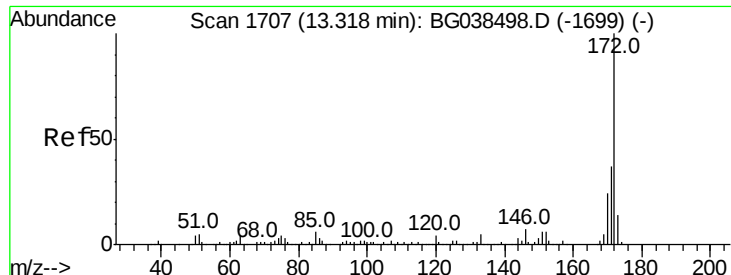
Tot Ion:196 Resp: 64779
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.0 112.4
 200 28.1 22.4 33.6



#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

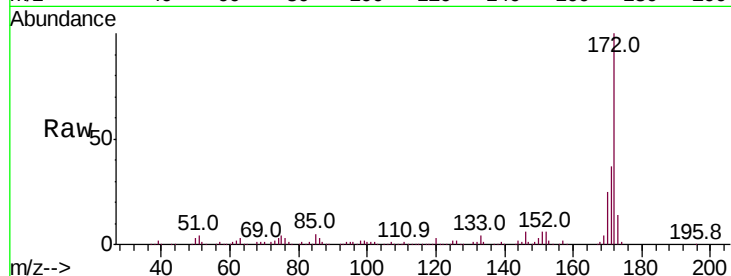




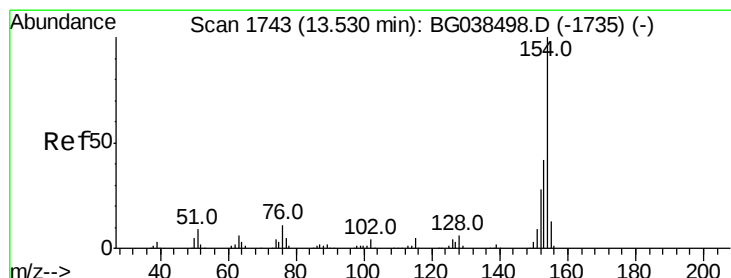
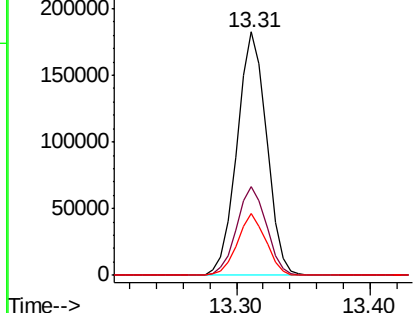
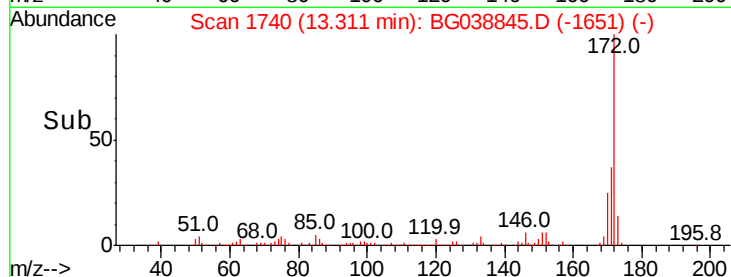
#45
2-Fluorobiphenyl
Concen: 65.266 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Instrument :
BNA_G
ClientSampleId :
PB116010BSD

Tot Ion:172 Resp: 279875
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 25.2 19.5 29.3

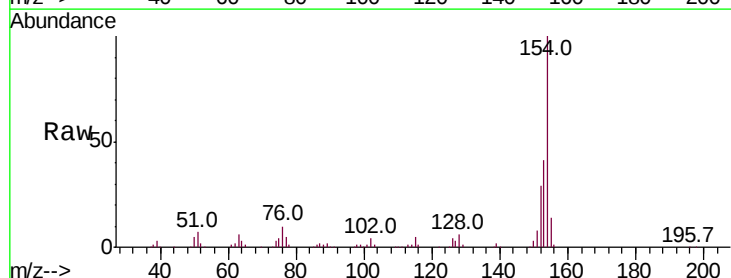


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

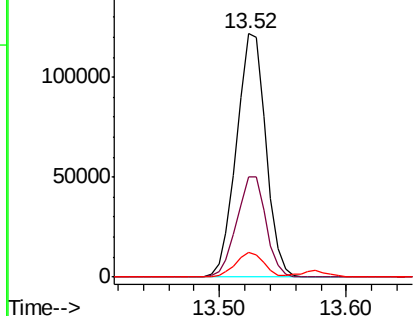
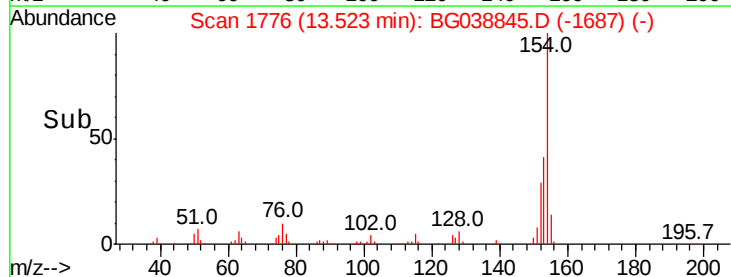


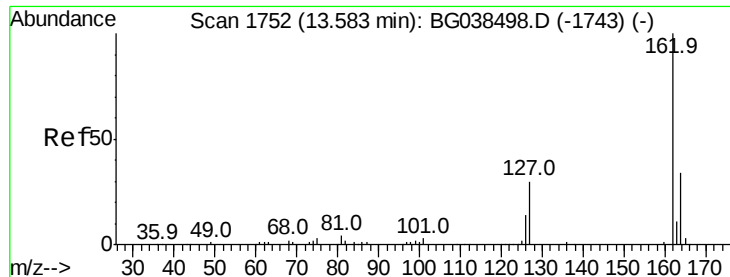
#46
1,1'-Biphenyl
Concen: 39.478 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

Tgt Ion:154 Resp: 194693
Ion Ratio Lower Upper
154 100
153 41.2 22.1 62.1
76 10.2 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

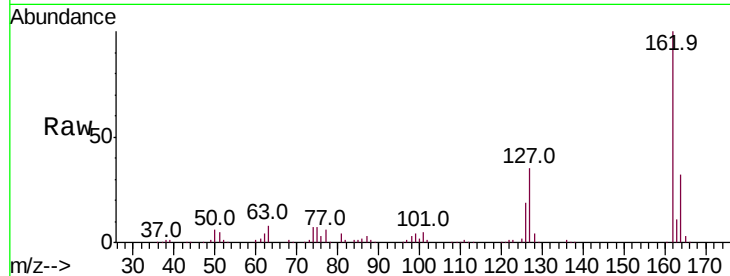




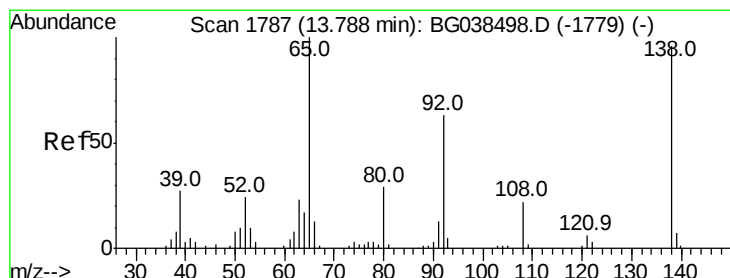
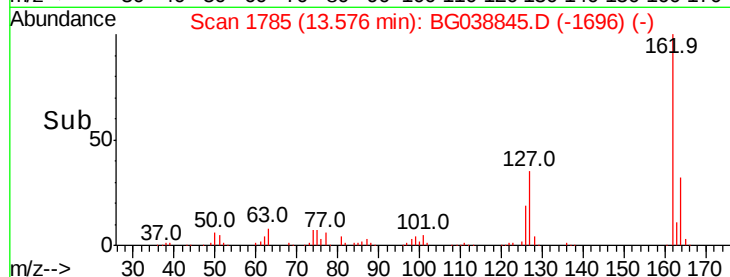
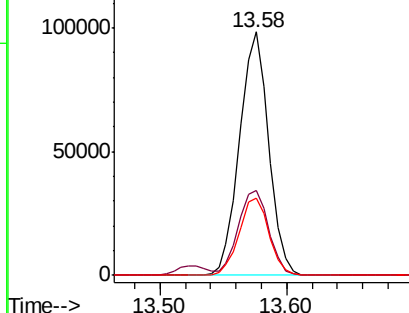
#47
2-Chloronaphthalene
Concen: 41.042 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

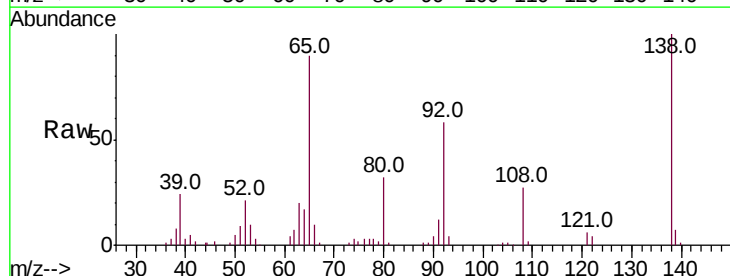


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

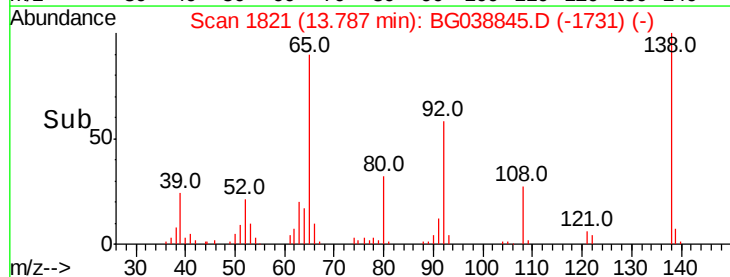
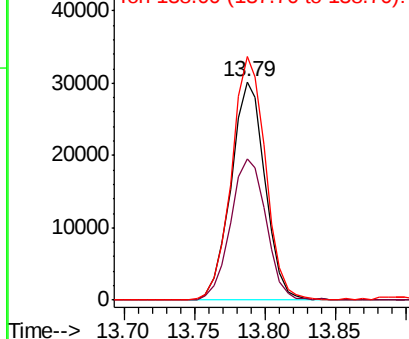


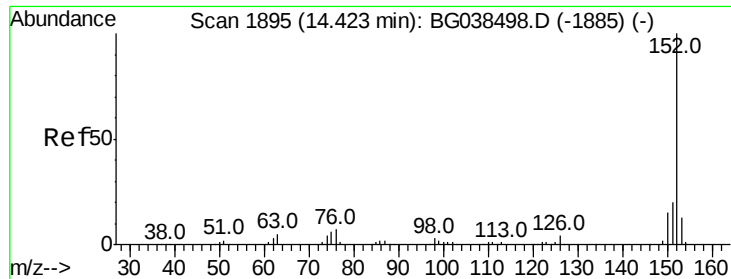
#48
2-Nitroaniline
Concen: 41.713 ng
RT: 13.79 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

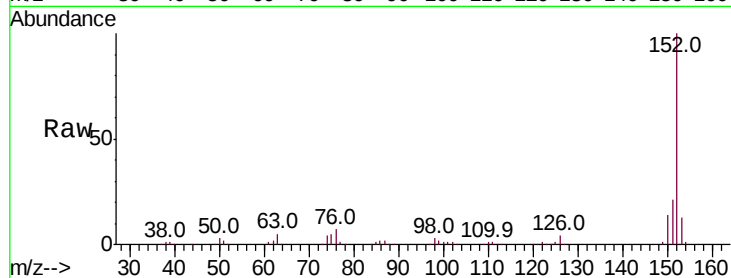
Tot Ion:152 Resp: 261852

Ion Ratio Lower Upper

152 100

151 21.2 16.4 24.6

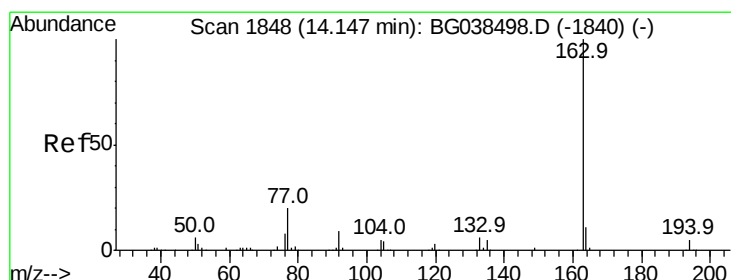
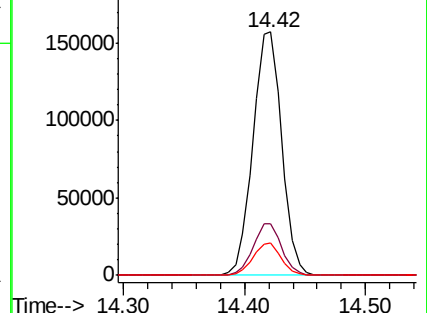
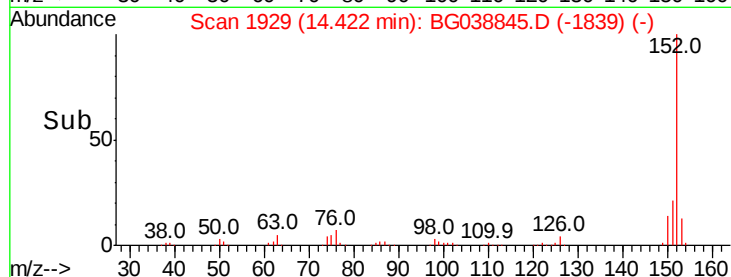
153 13.2 10.4 15.6



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

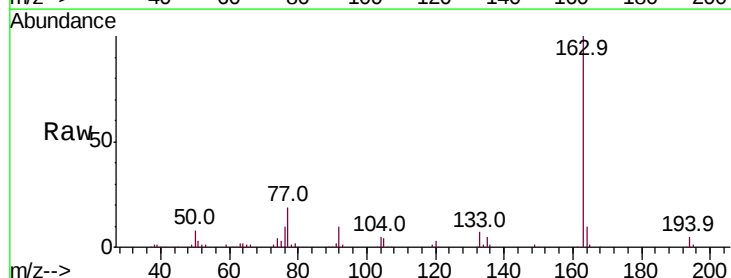
Tgt Ion:163 Resp: 215811

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

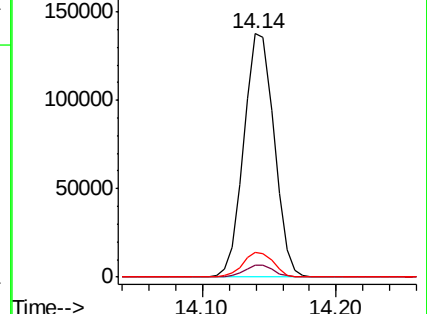
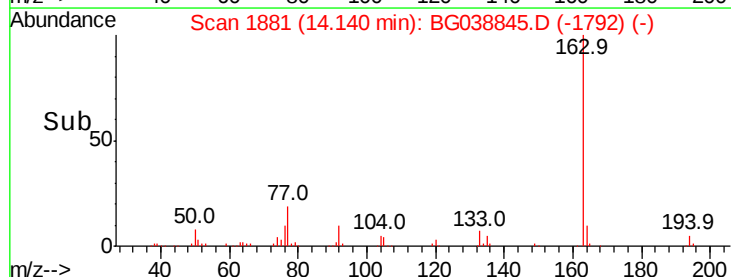
164 10.2 8.6 12.8

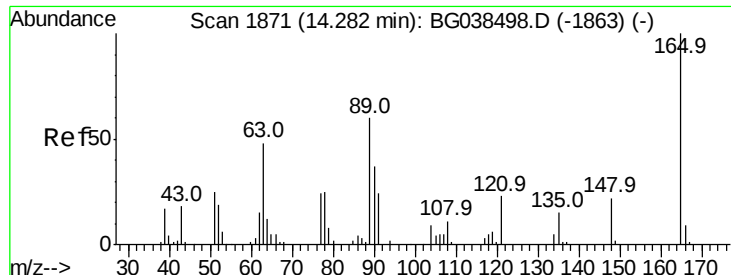


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

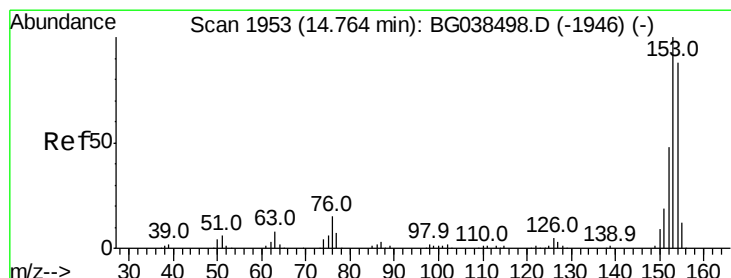
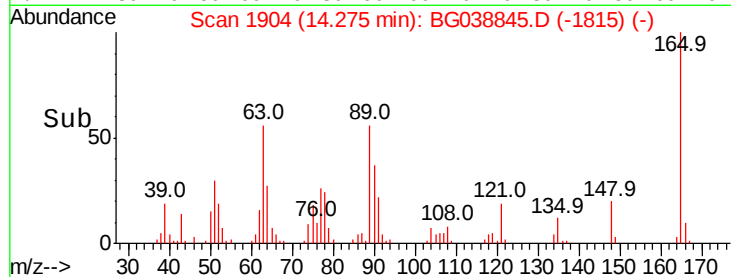
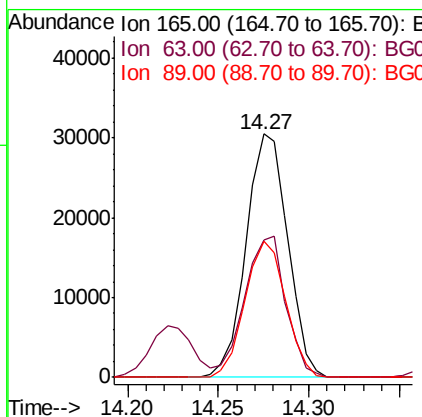
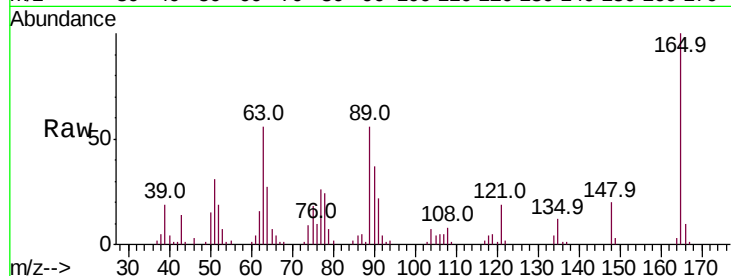




#51
 2,6-Dinitrotoluene
 Concen: 44.516 ng
 RT: 14.27 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

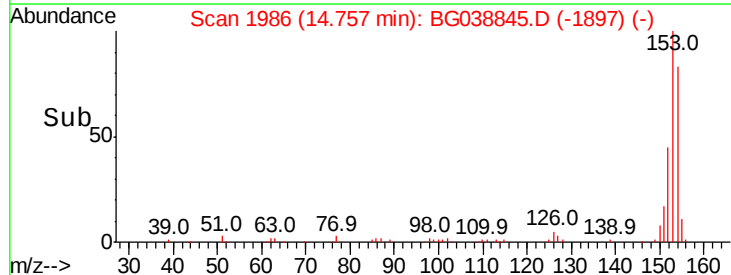
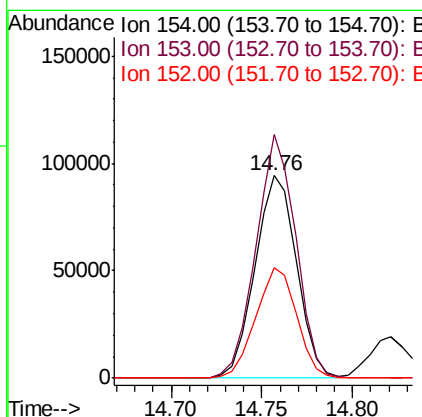
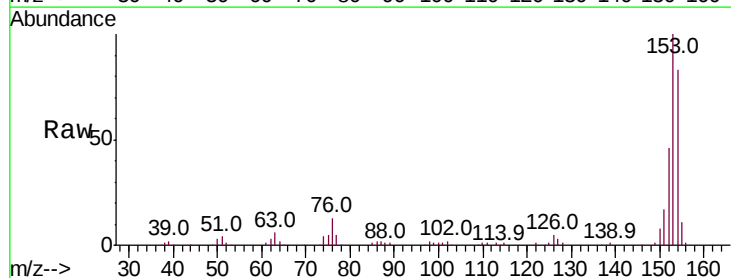
Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

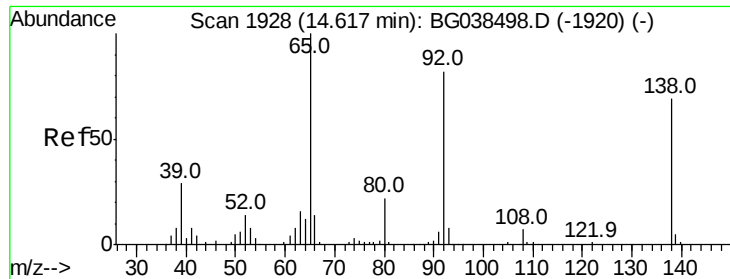
Tot Ion:165 Resp: 48464
 Ion Ratio Lower Upper
 165 100
 63 56.5 51.8 77.6
 89 56.1 47.9 71.9



#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





#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

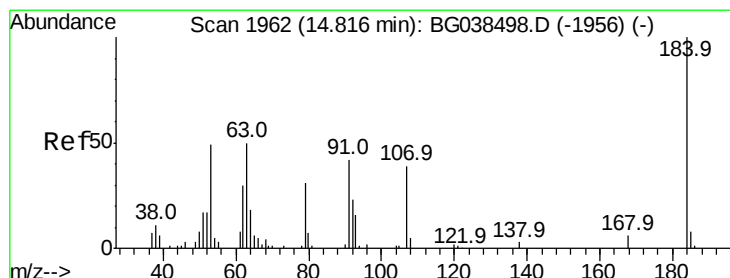
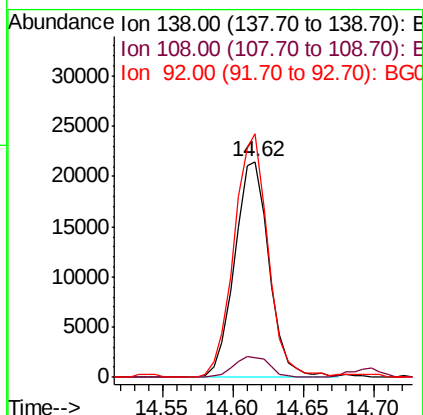
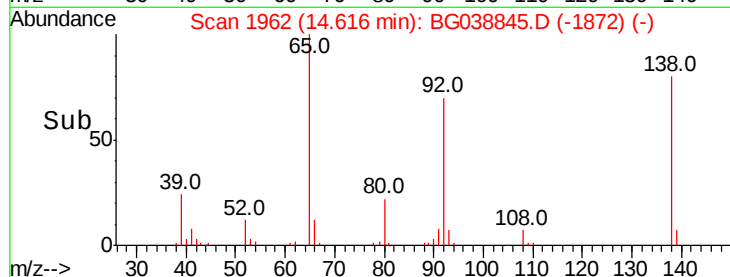
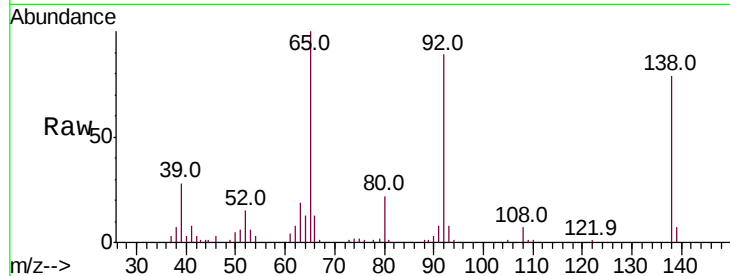
Tot Ion:138 Resp: 36656

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

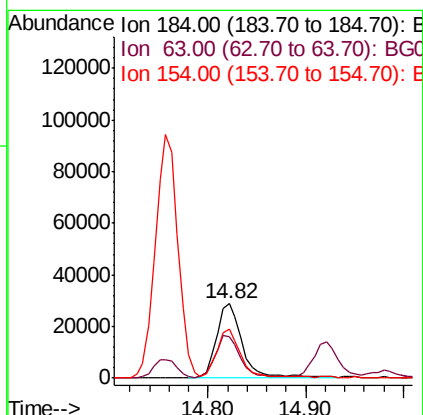
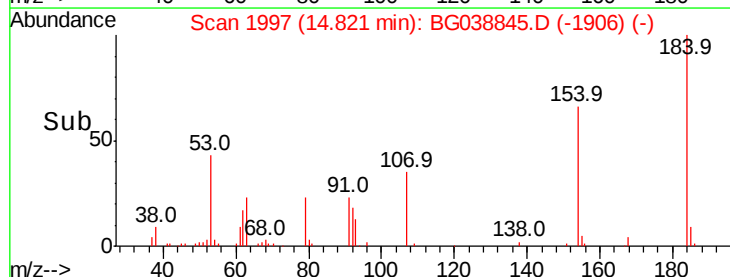
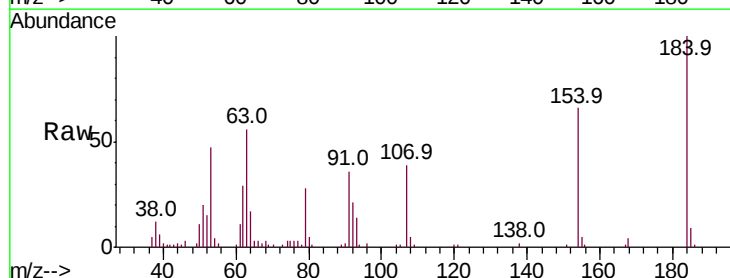
Tgt Ion:184 Resp: 53065

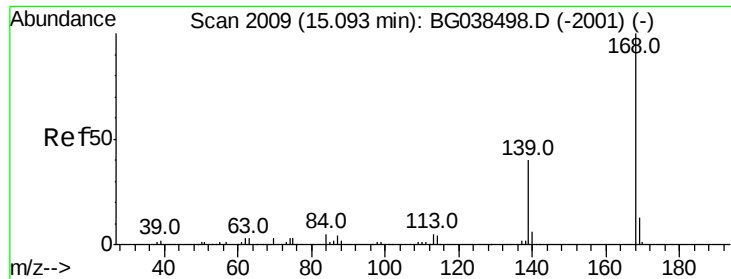
Ion Ratio Lower Upper

184 100

63 56.4 47.0 70.6

154 66.2 50.3 75.5

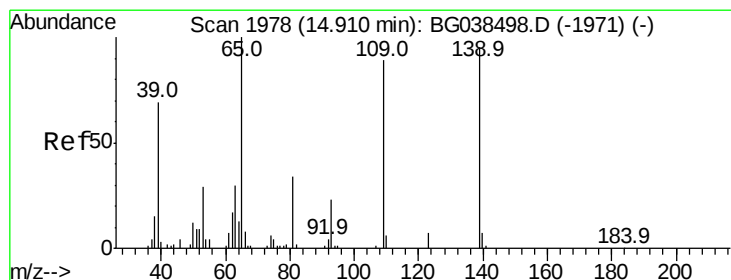
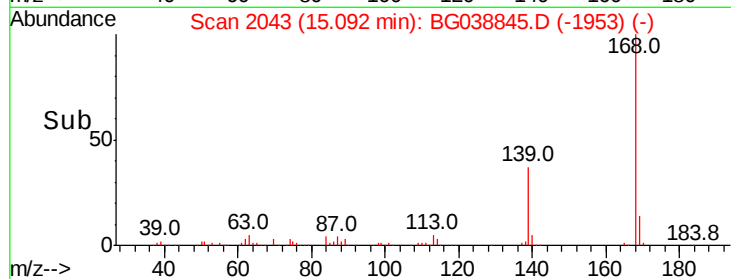
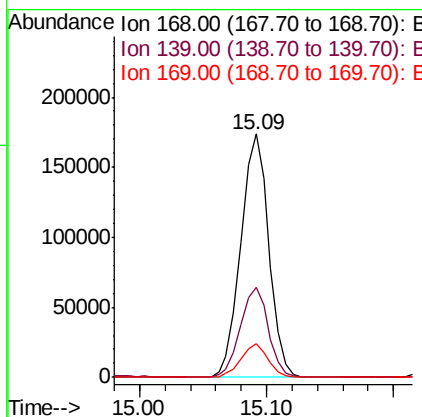
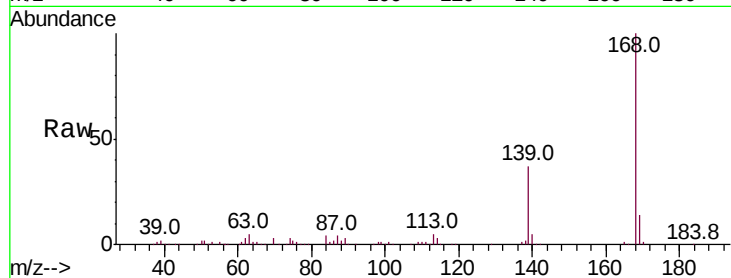




#55
Dibenzofuran
Concen: 45.441 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

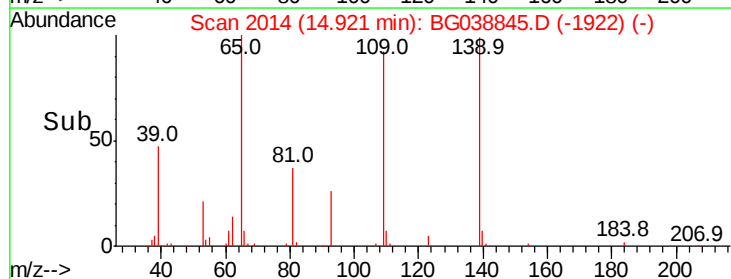
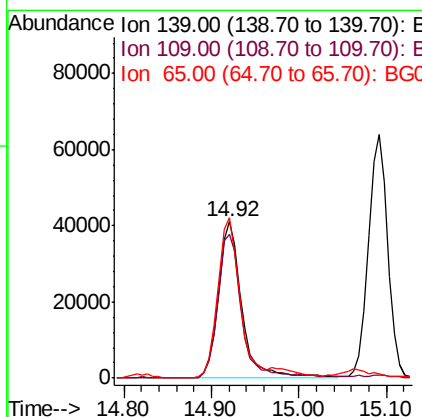
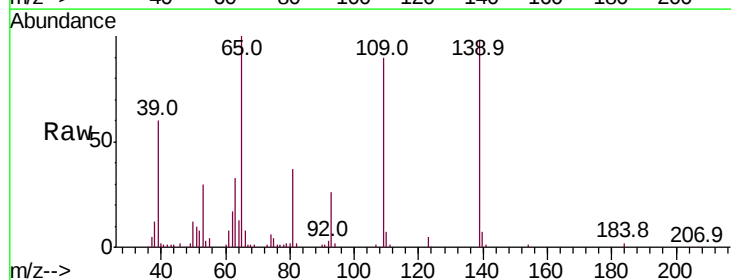
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

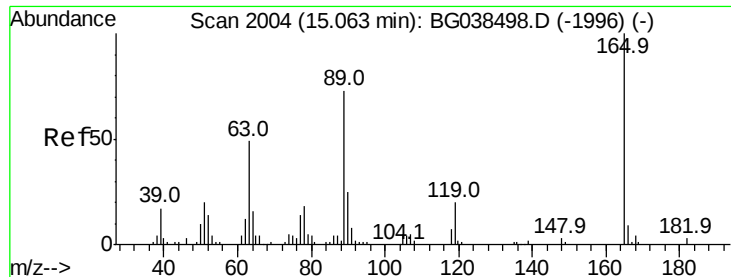
Tot Ion:168 Resp: 265260
Ion Ratio Lower Upper
168 100
139 36.8 32.2 48.2
169 13.6 10.6 16.0



#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

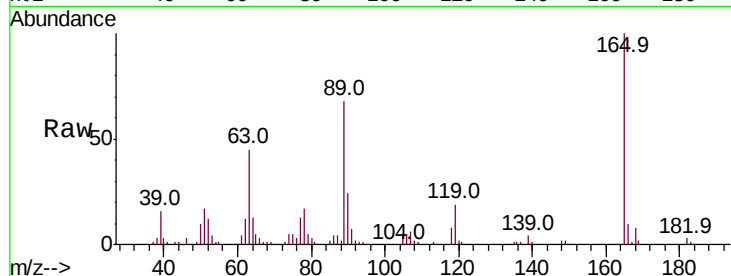




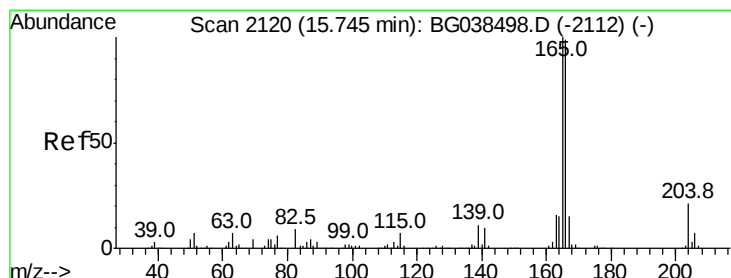
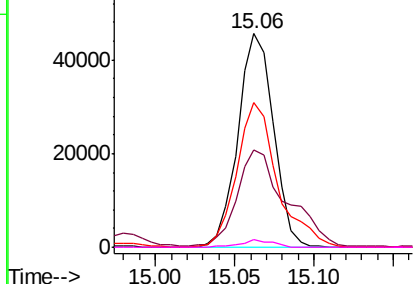
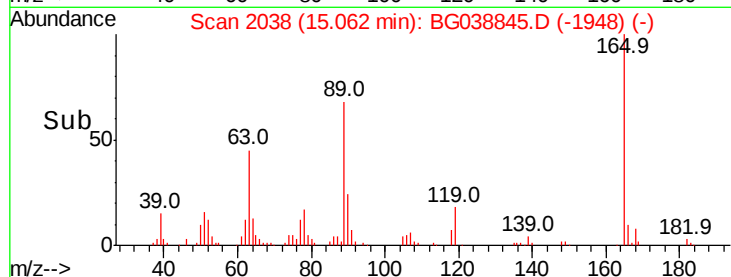
#57
 2,4-Dinitrotoluene
 Concen: 46.257 ng
 RT: 15.06 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Tot Ion:165 Resp: 70930
 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

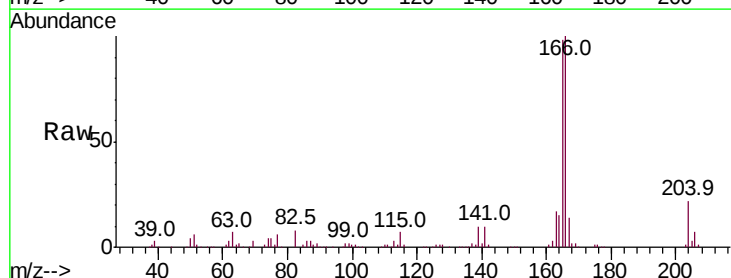


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

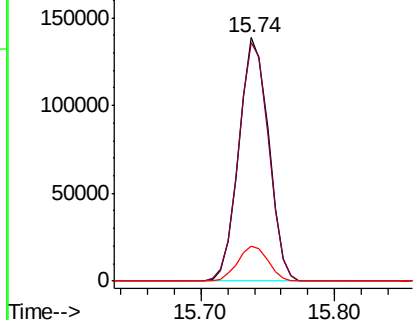
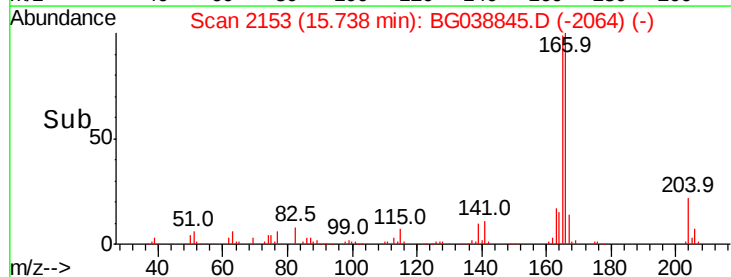


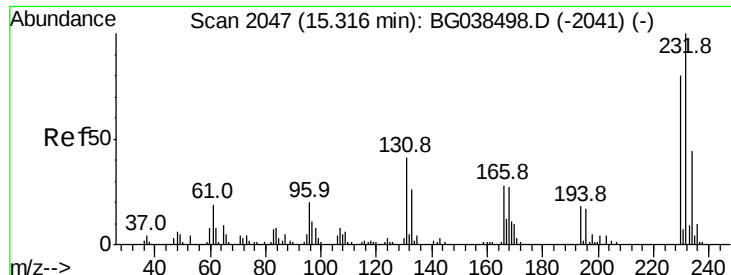
#58
 Fluorene
 Concen: 49.328 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Tgt Ion:166 Resp: 213336
 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

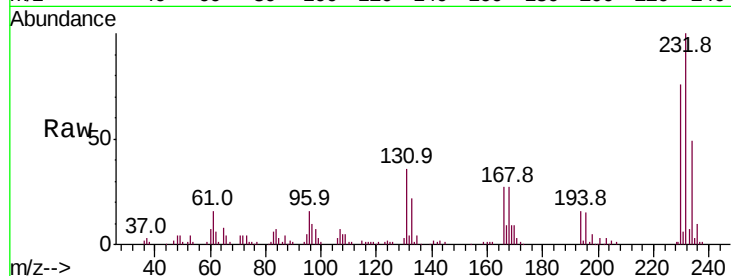




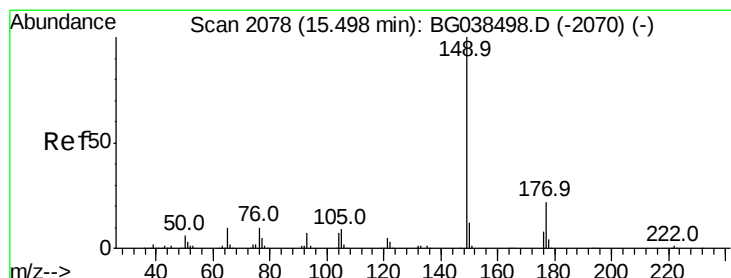
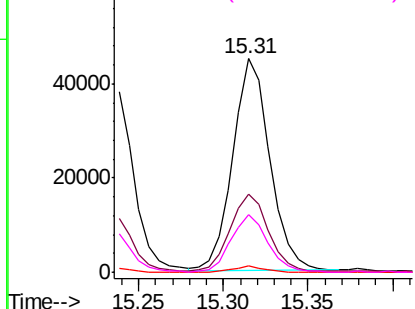
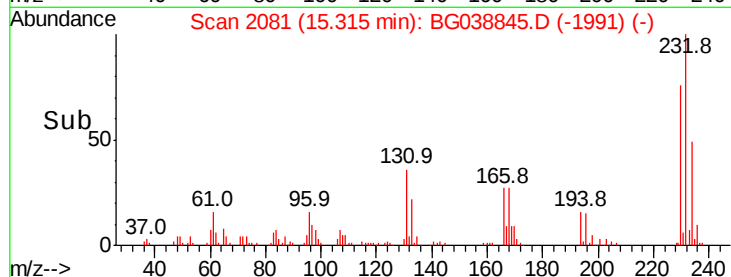
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.168 ng
 RT: 15.31 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

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

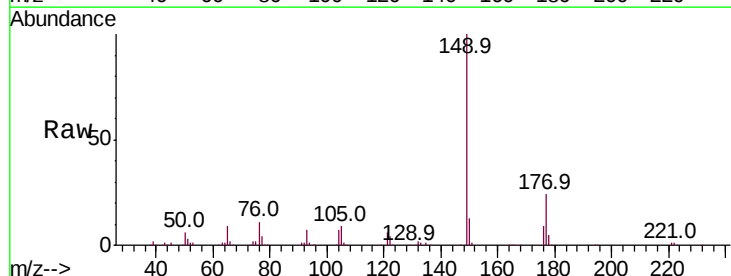


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

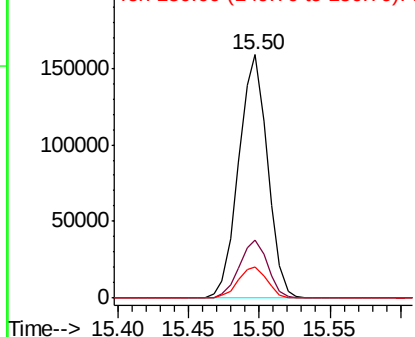
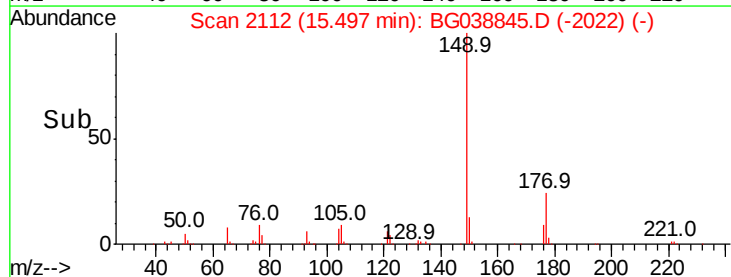


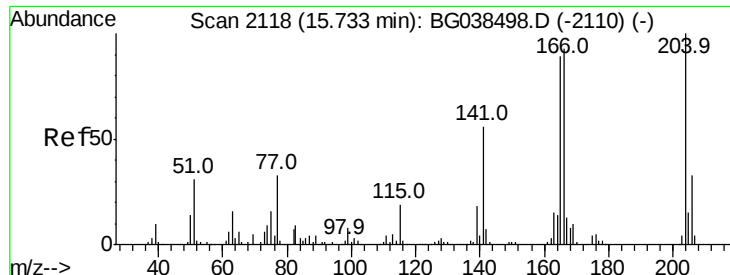
#60
 Diethylphthalate
 Concen: 42.921 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

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

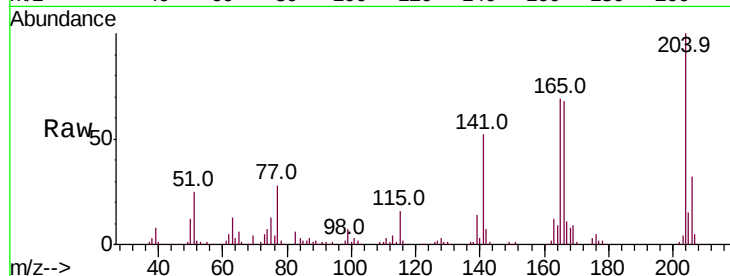




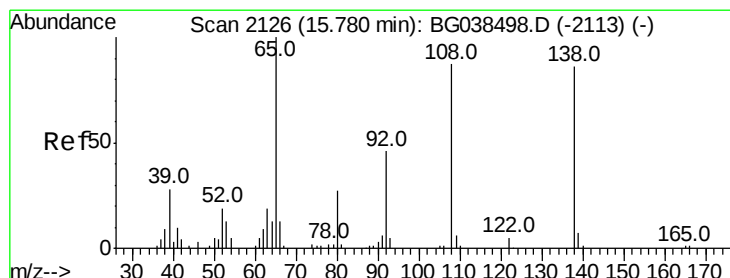
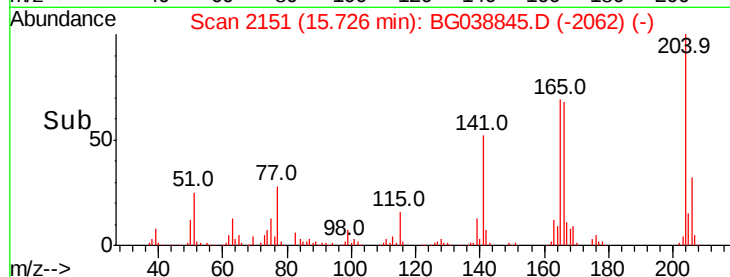
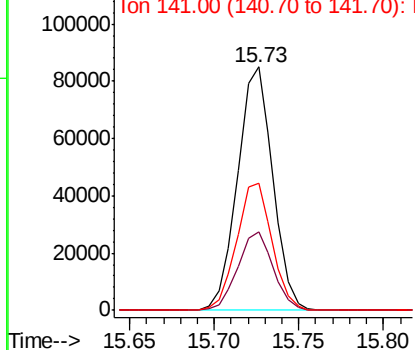
#61
4-Chlorophenyl-phenylether
Concen: 45.504 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

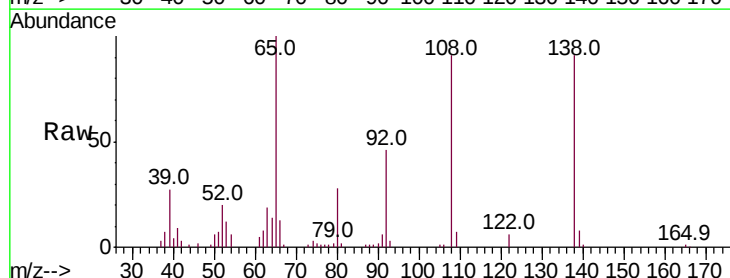


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

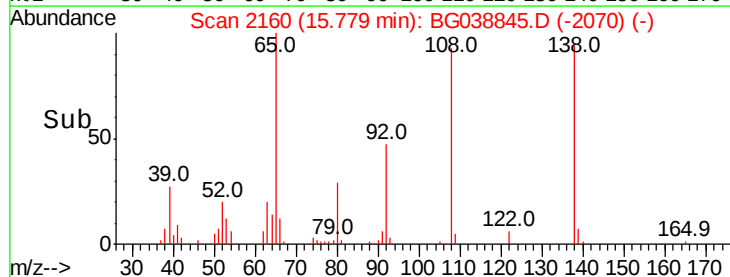
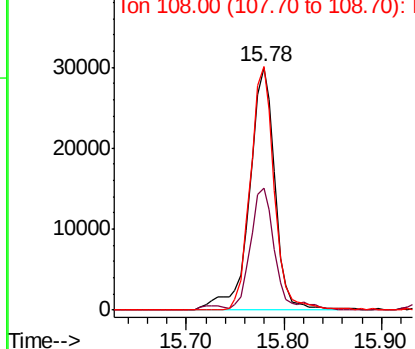


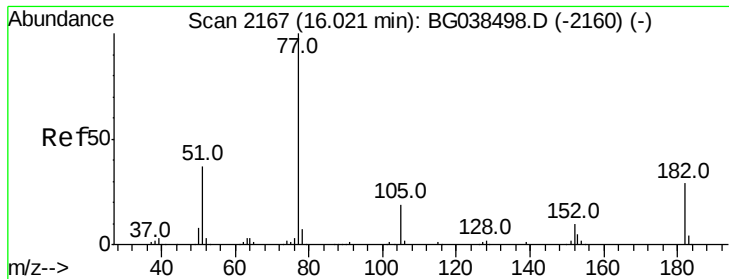
#62
4-Nitroaniline
Concen: 47.978 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

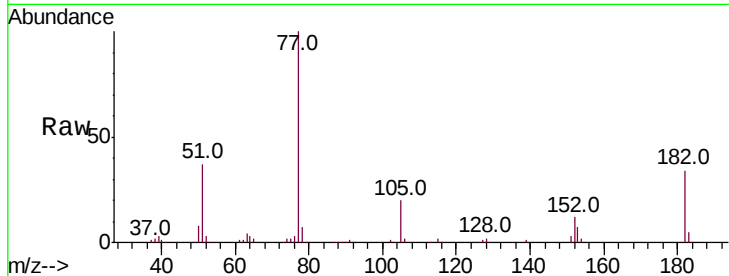
Ion Ratio Lower Upper

77 100

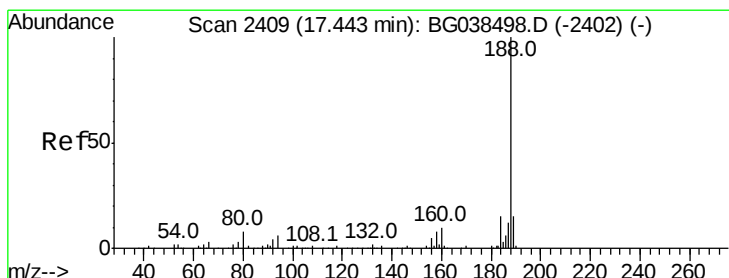
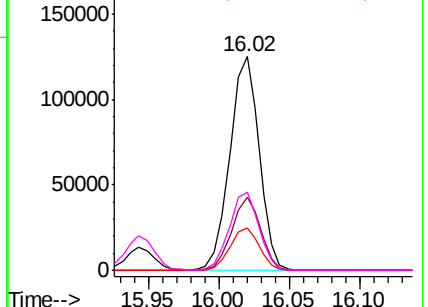
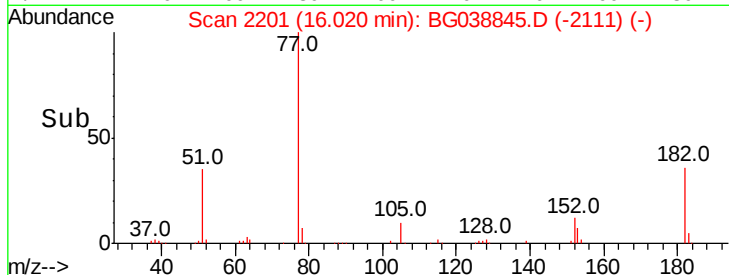
182 34.0 8.7 48.7

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

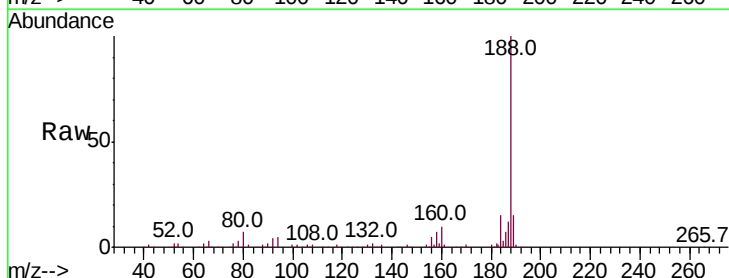
Tgt Ion: 188 Resp: 163473

Ion Ratio Lower Upper

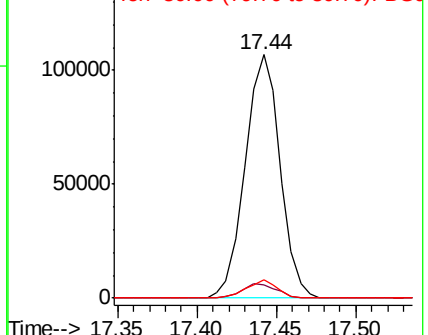
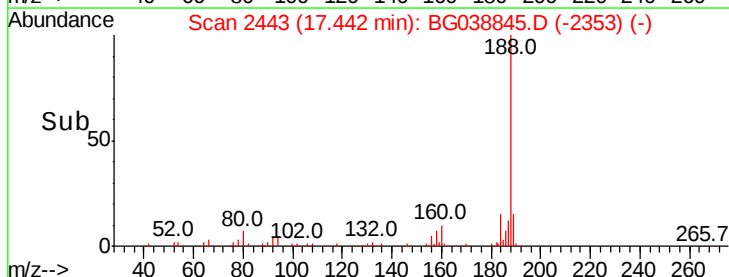
188 100

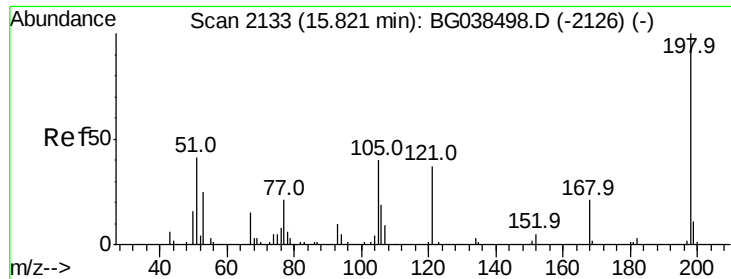
94 5.4 5.1 7.7

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

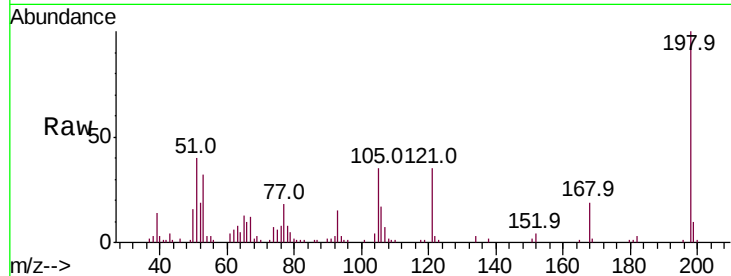




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.995 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

Instrument :
 BNA_G
 ClientSampleId :
 PB116010BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.3	28.6	68.6
105	35.0	20.4	60.4

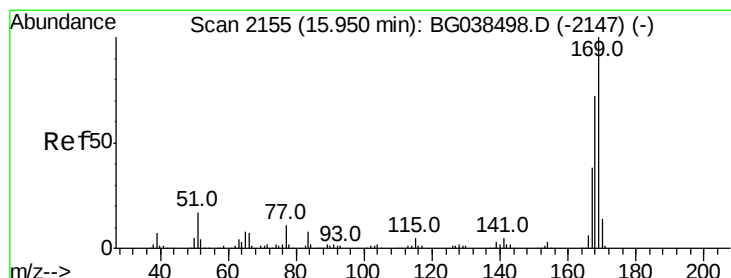
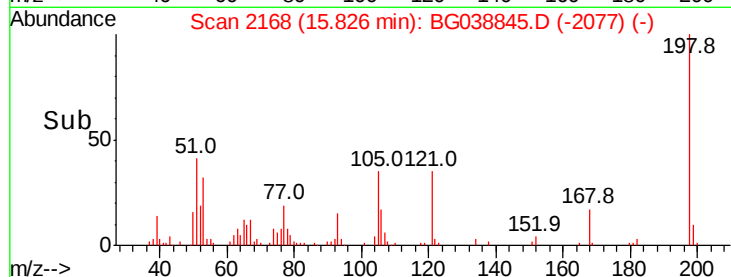
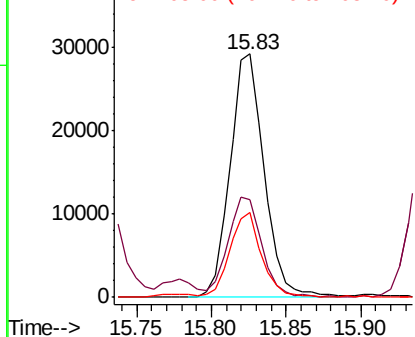


Abundance

Ion 198.00 (197.70 to 198.70): E

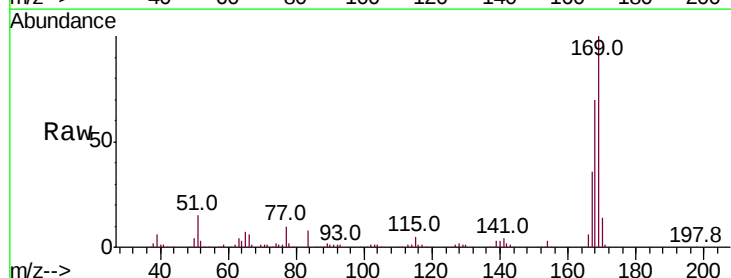
Ion 51.00 (50.70 to 51.70): BG

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	Ratio	Lower	Upper
169	100		
168	69.5	57.5	86.3
167	36.1	30.2	45.2

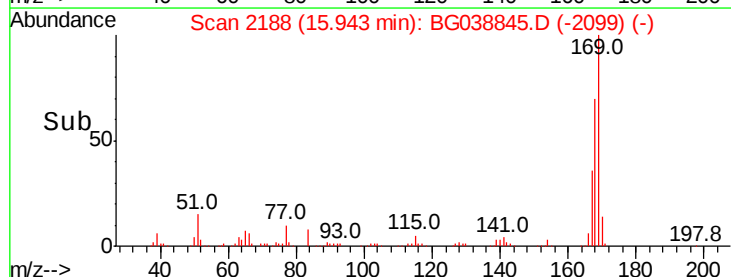
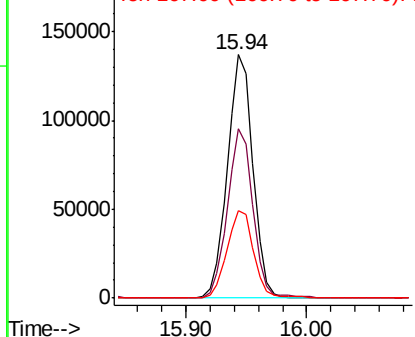


Abundance

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

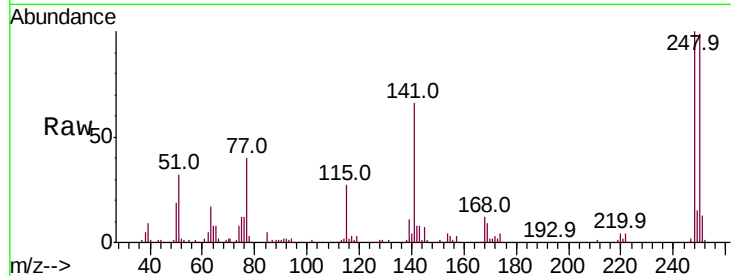




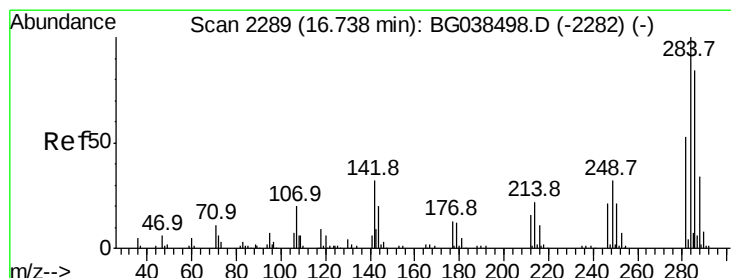
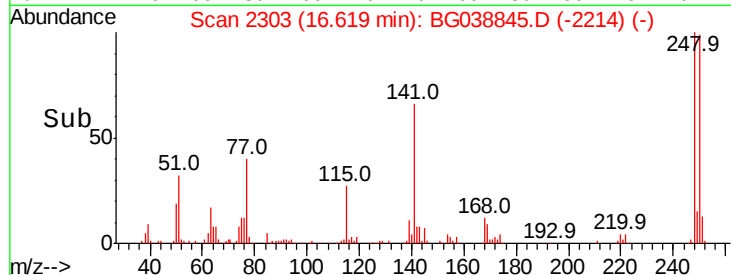
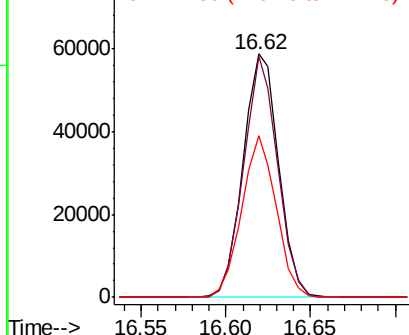
#67
 4-Bromophenyl-phenylether
 Concen: 42.951 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

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

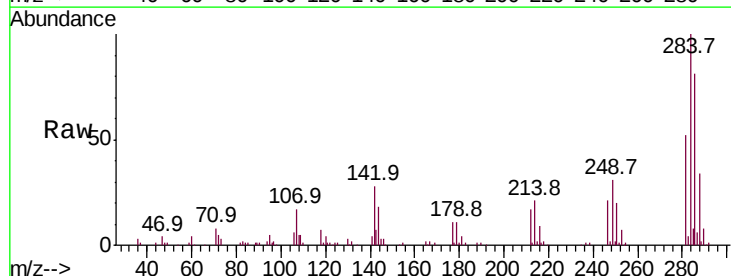


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

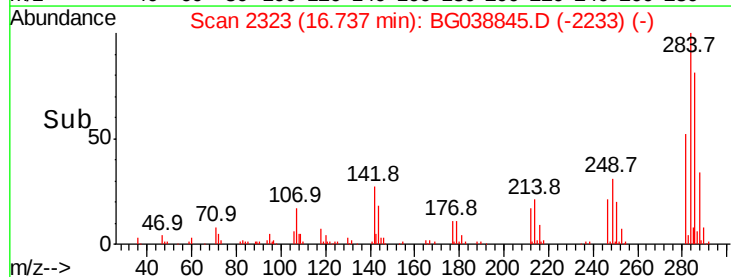
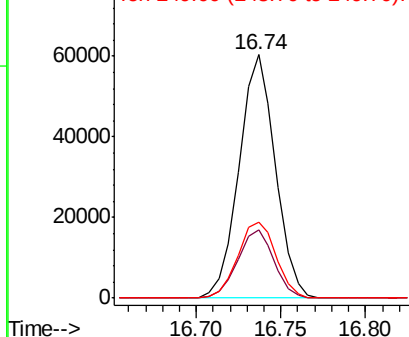


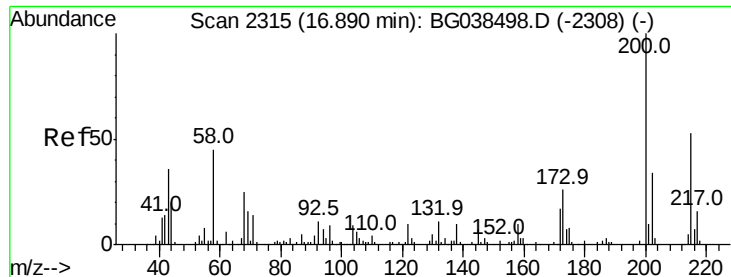
#68
 Hexachlorobenzene
 Concen: 43.496 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038845.D
 Acq: 27 Dec 2018 16:04

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

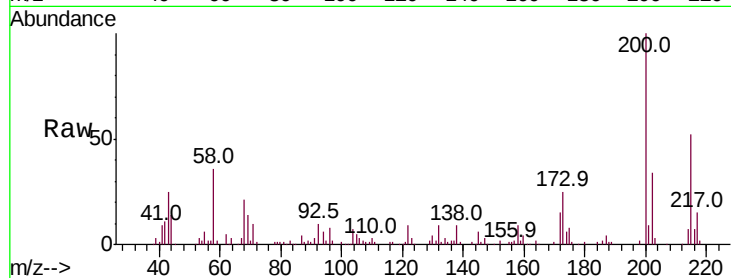
Tot Ion:200 Resp: 85250

Ion Ratio Lower Upper

200 100

173 24.6 5.9 45.9

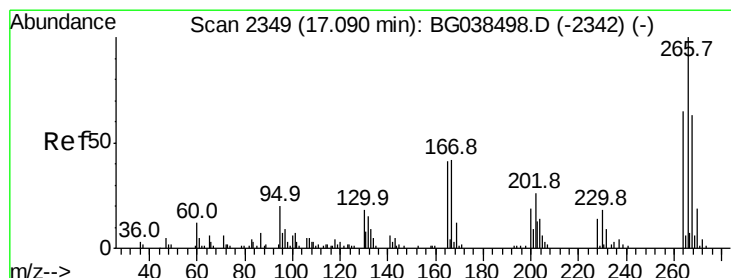
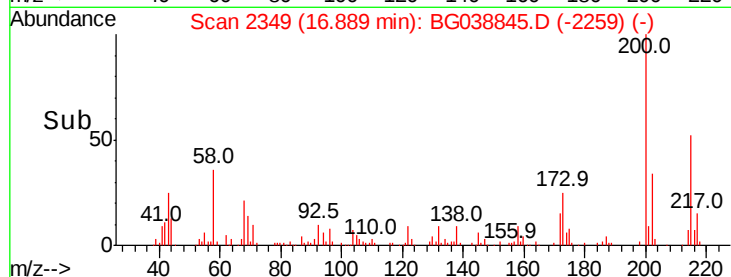
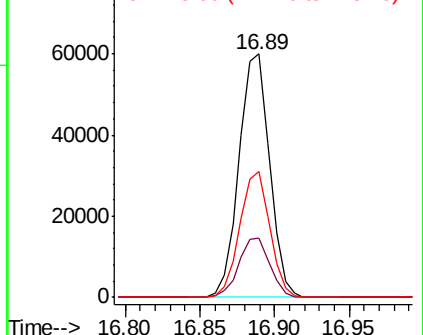
215 51.8 33.1 73.1



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

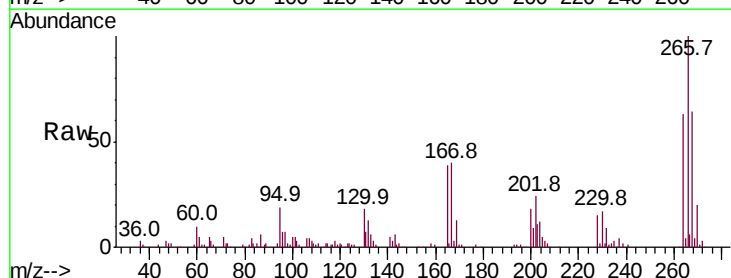
Tgt Ion:266 Resp: 86712

Ion Ratio Lower Upper

266 100

268 68.9 55.0 82.6

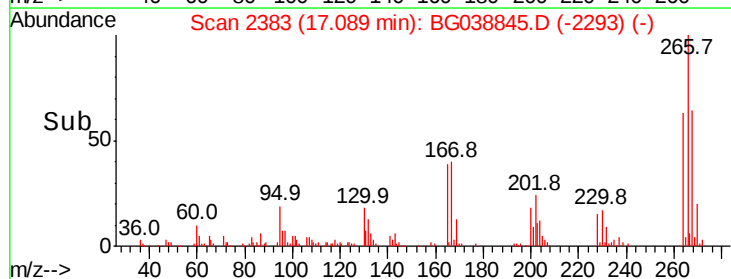
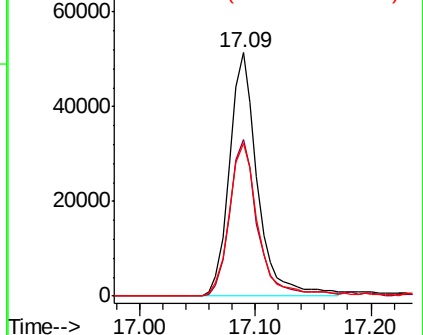
264 67.4 56.7 85.1

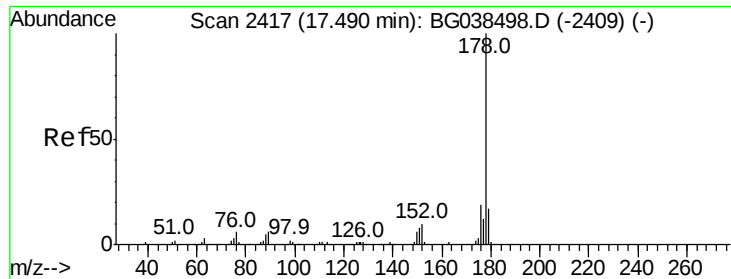


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

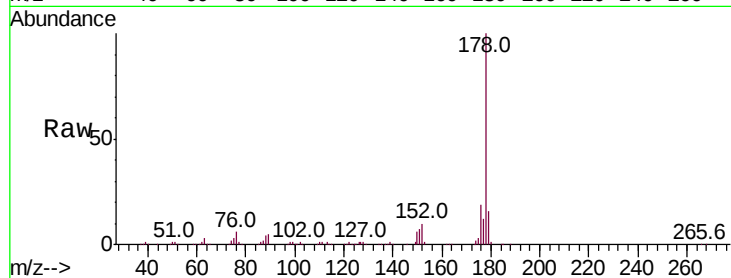




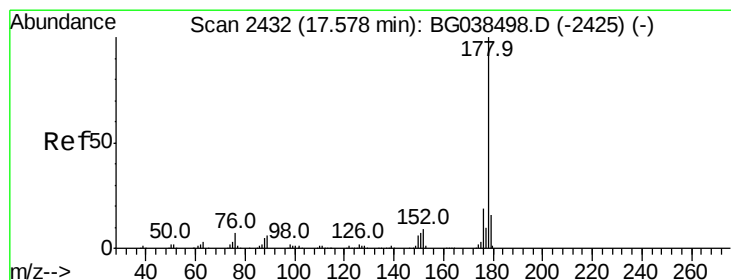
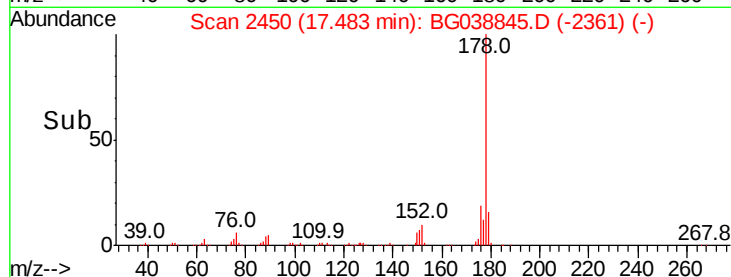
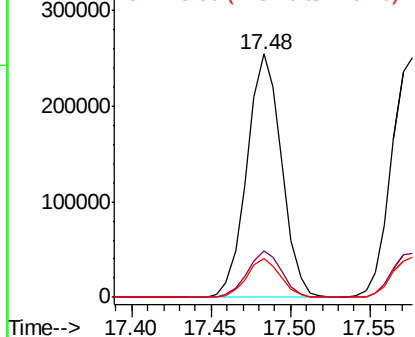
#71
Phenanthrene
Concen: 45.513 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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

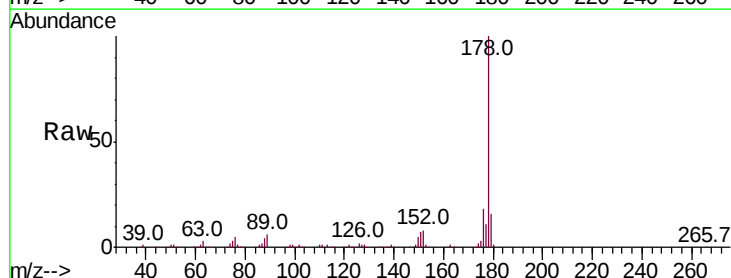


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

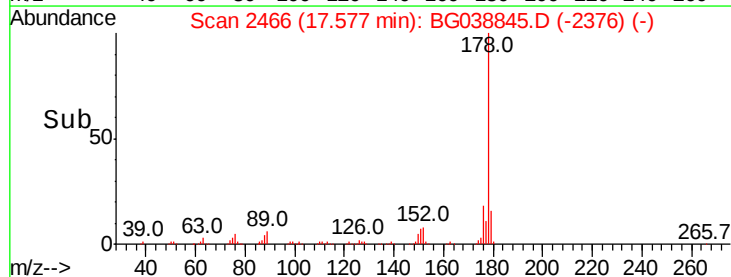
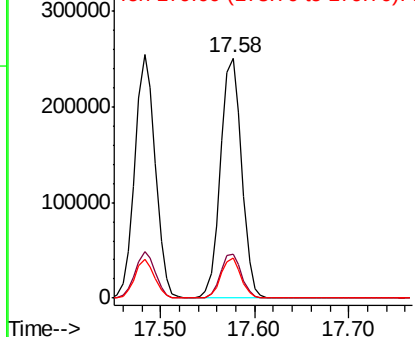


#72
Anthracene
Concen: 47.032 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

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



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#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

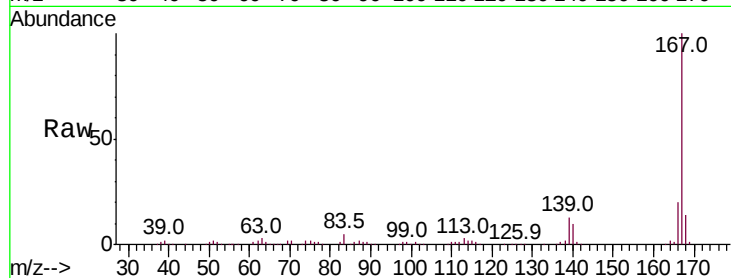
Tot Ion:167 Resp: 342664

Ion Ratio Lower Upper

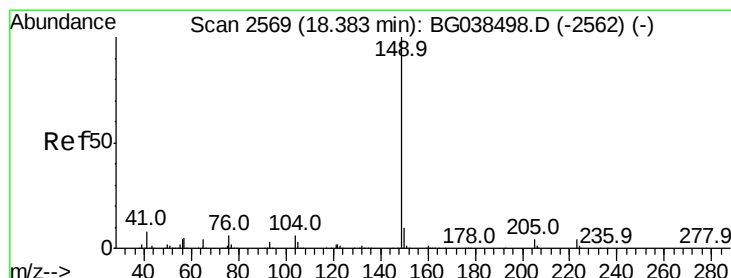
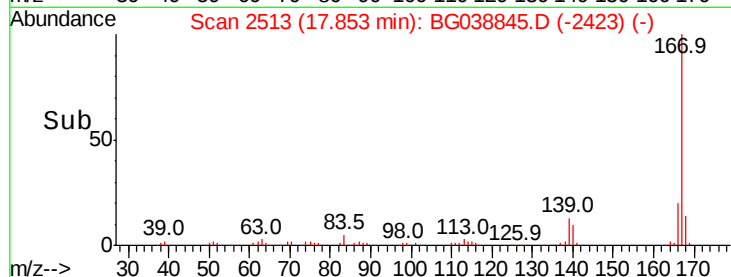
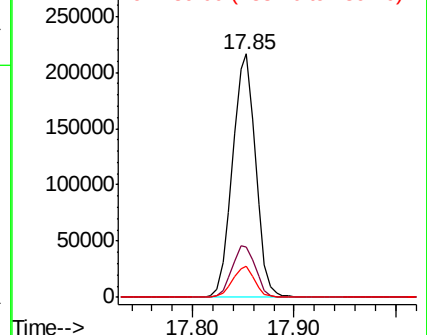
167 100

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

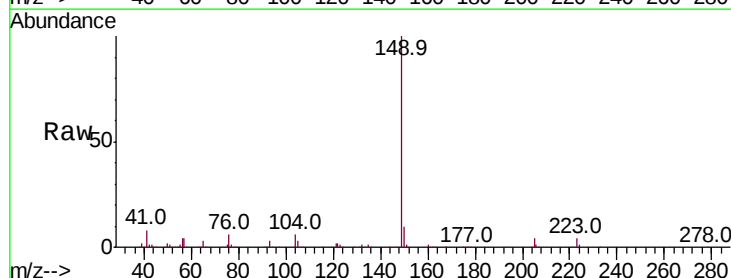
Tgt Ion:149 Resp: 398631

Ion Ratio Lower Upper

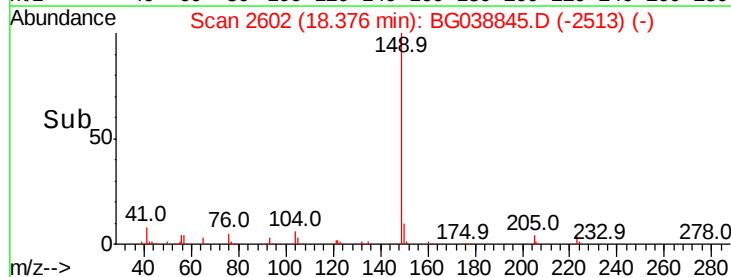
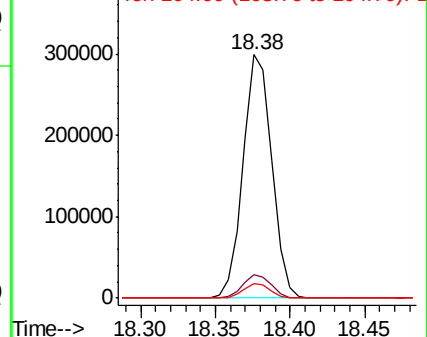
149 100

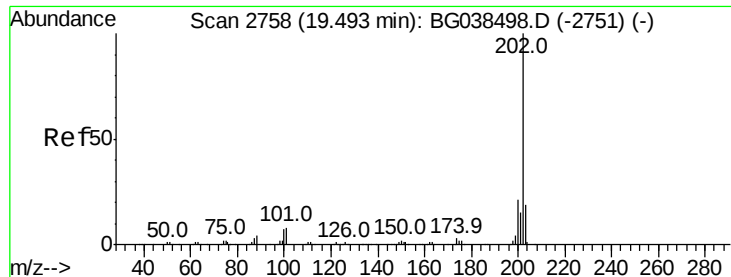
150 9.7 7.6 11.4

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

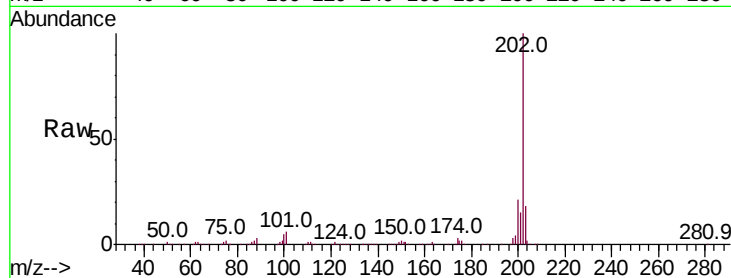
Tot Ion:202 Resp: 476637

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.1

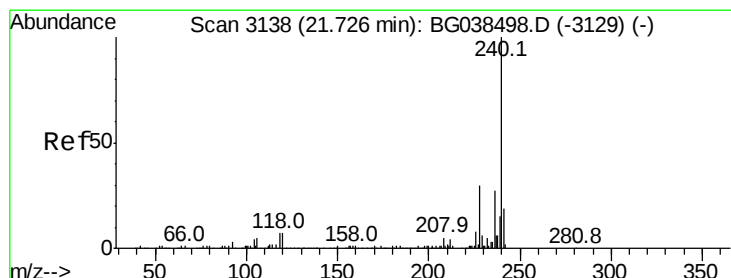
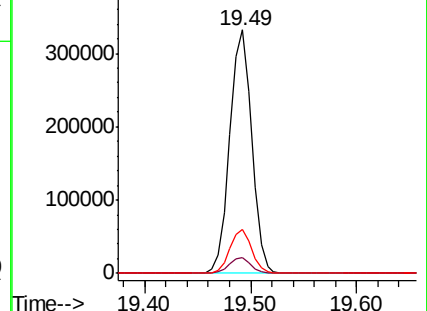
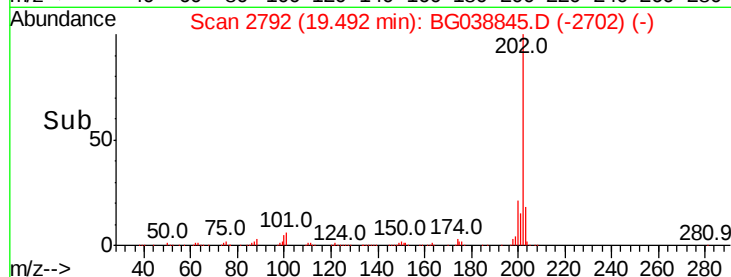
203 17.9 0.0 39.0



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

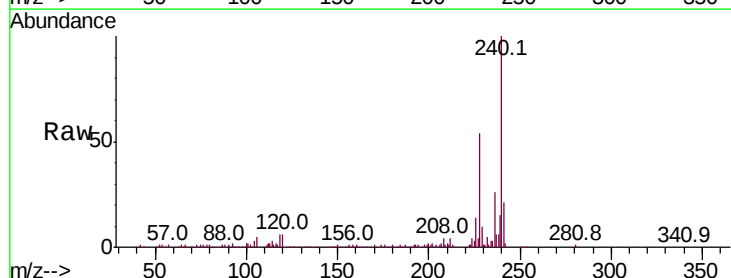
Tgt Ion:240 Resp: 161435

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

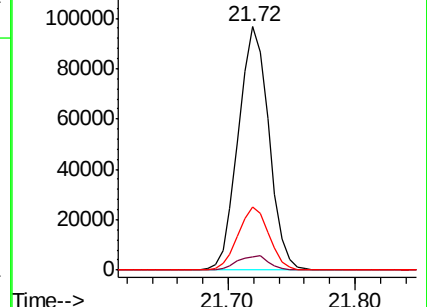
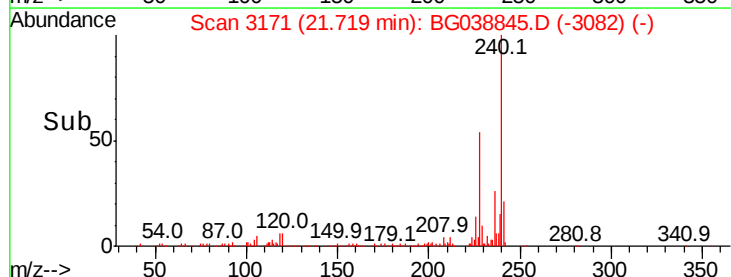
236 26.0 21.4 32.2

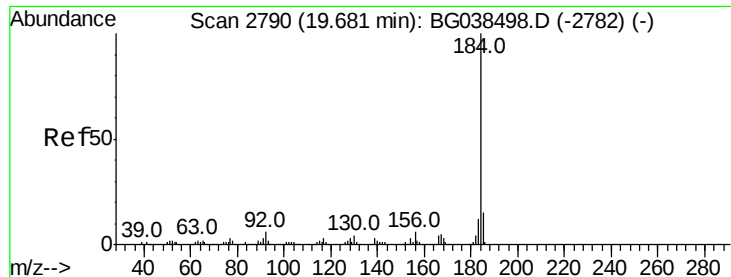


Abundance Ion 240.00 (239.70 to 240.70): E

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

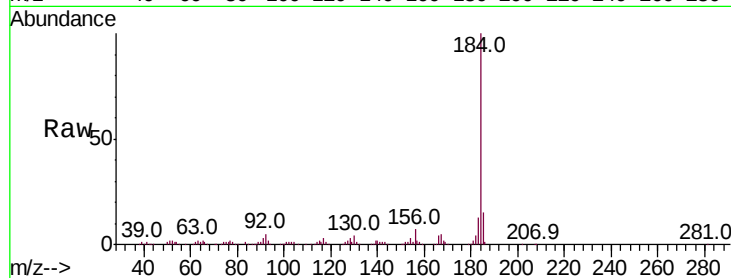
Tot Ion:184 Resp: 217055

Ion Ratio Lower Upper

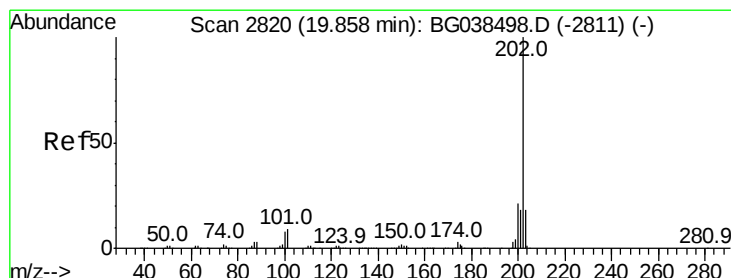
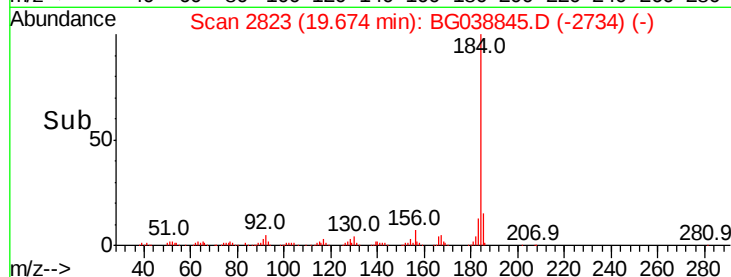
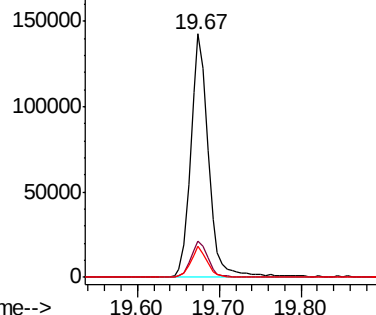
184 100

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

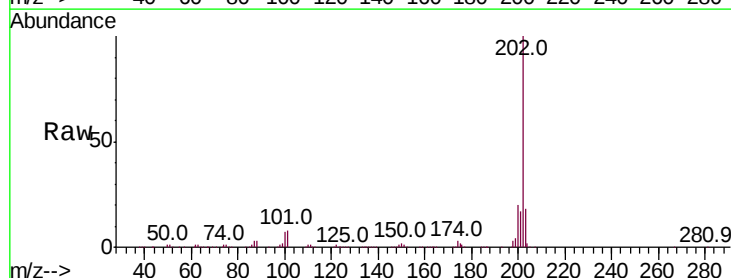
Tgt Ion:202 Resp: 464612

Ion Ratio Lower Upper

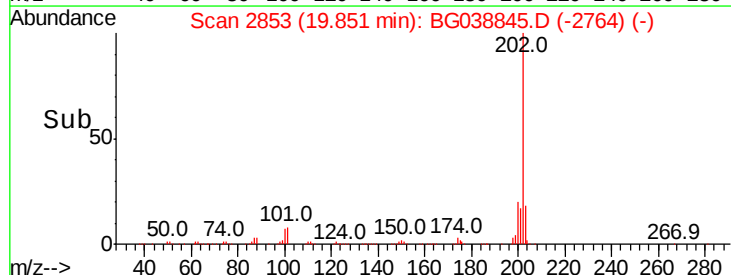
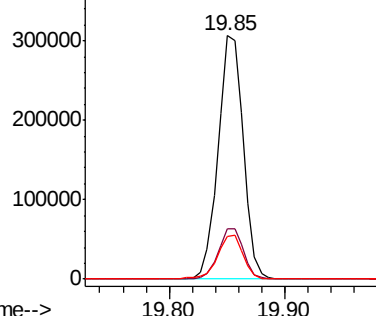
202 100

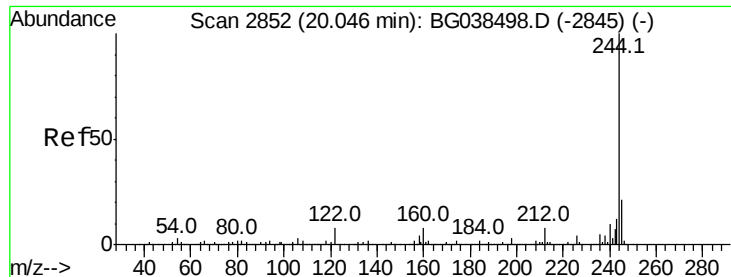
200 20.4 16.6 25.0

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# 2852

Delta R.T. -0.01 min

Lab File: BG038845.D

Acq: 27 Dec 2018 16:04

Instrument :

BNA_G

ClientSampleId :

PB116010BSD

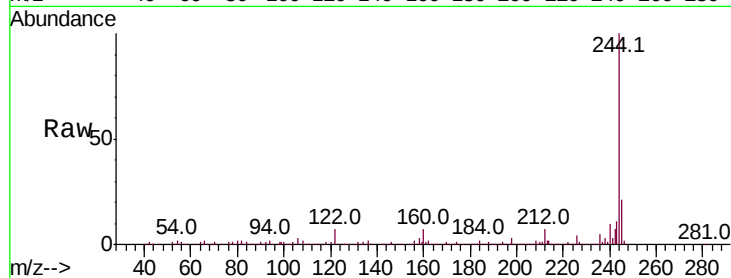
Tot Ion:244 Resp: 616599

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

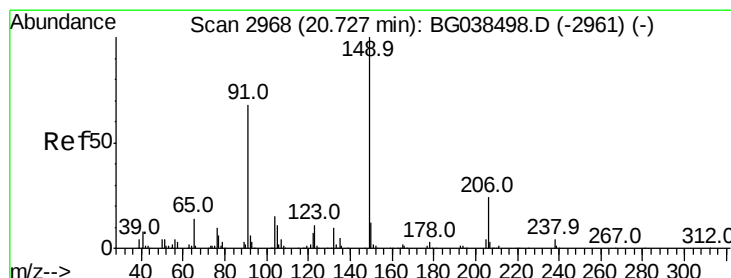
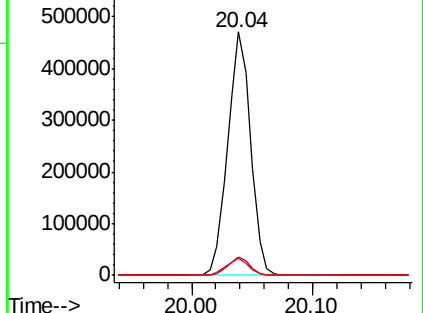
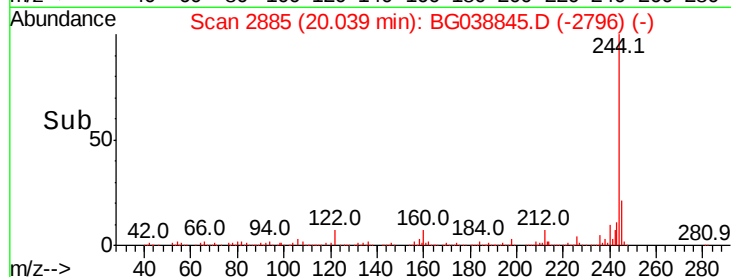
122 6.9 6.3 9.5



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

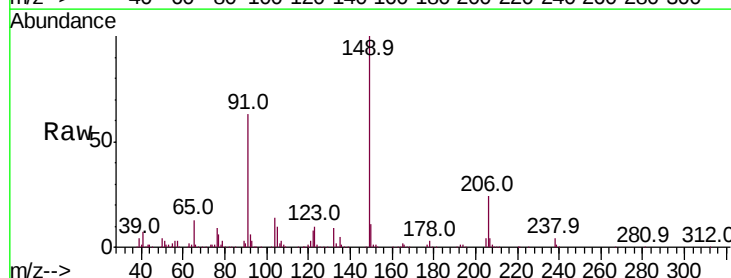
Tgt Ion:149 Resp: 173152

Ion Ratio Lower Upper

149 100

91 63.4 54.5 81.7

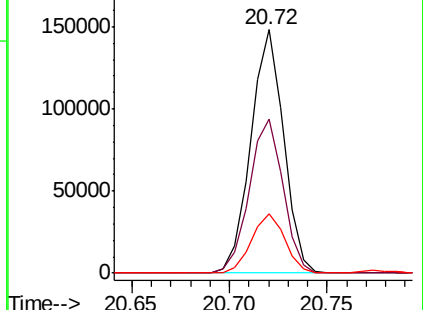
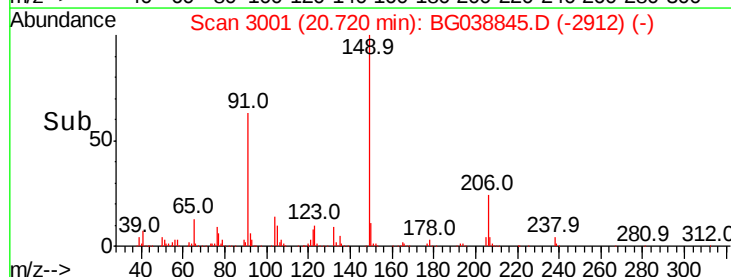
206 24.3 19.0 28.6

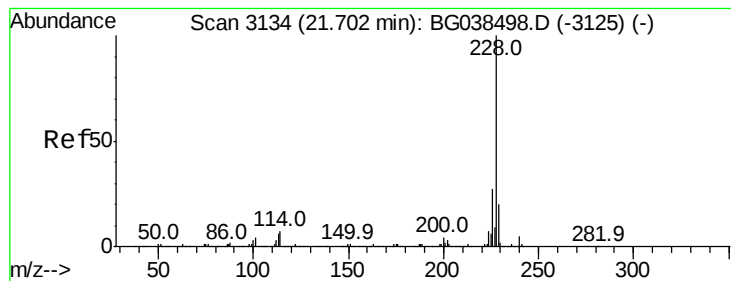


Abundance Ion 149.00 (148.70 to 149.70): E

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

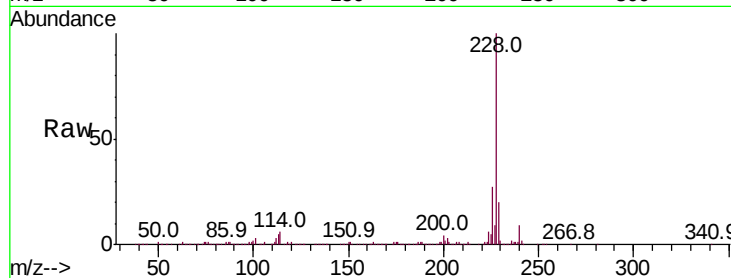
Tot Ion:228 Resp: 451060

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

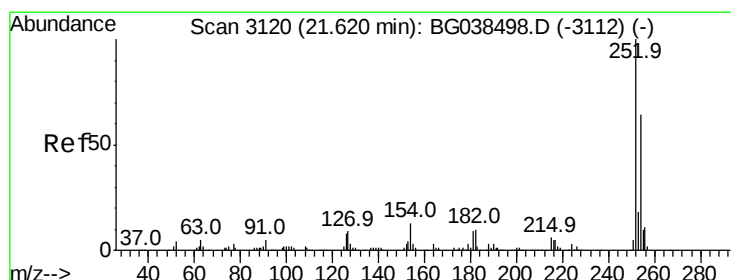
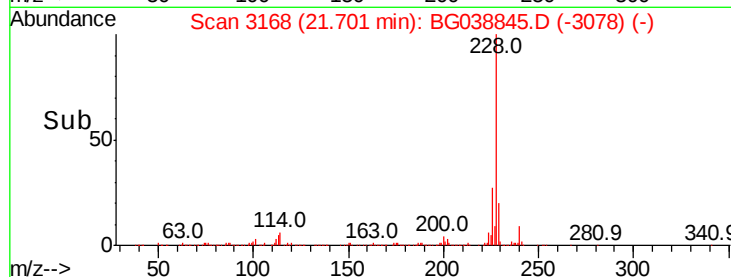
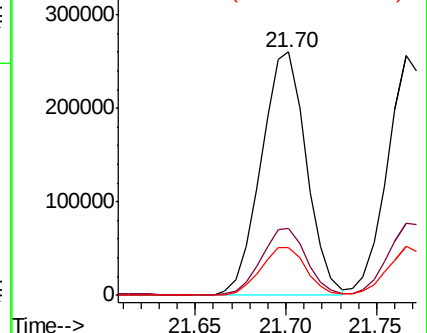
229 19.7 15.8 23.6



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

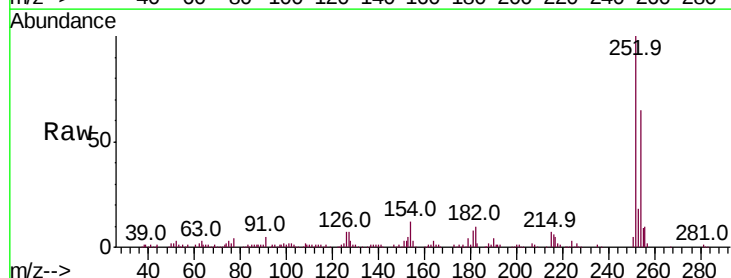
Tgt Ion:252 Resp: 127845

Ion Ratio Lower Upper

252 100

254 65.0 50.9 76.3

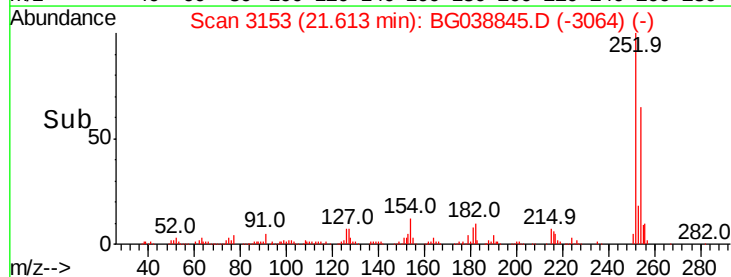
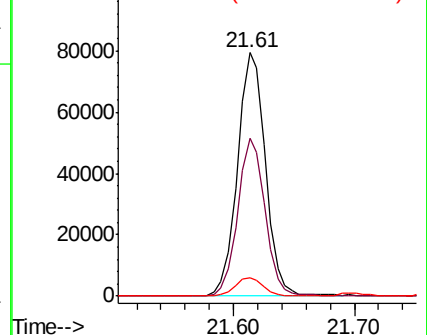
126 7.4 6.3 9.5

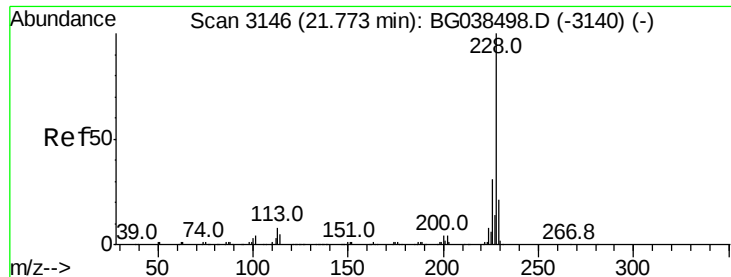


Abundance Ion 252.00 (251.70 to 252.70): E

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

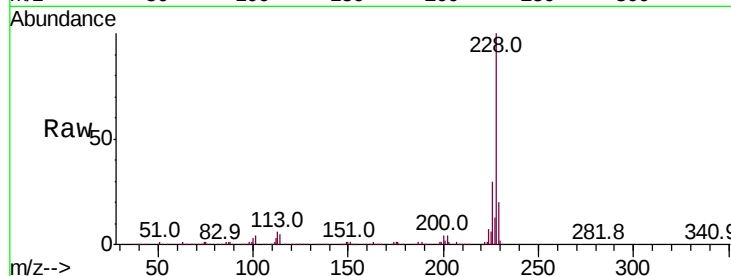
Tot Ion:228 Resp: 422284

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

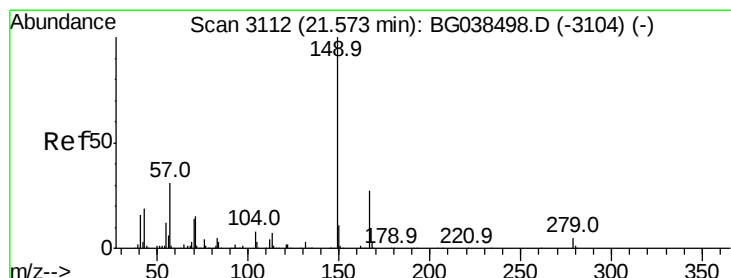
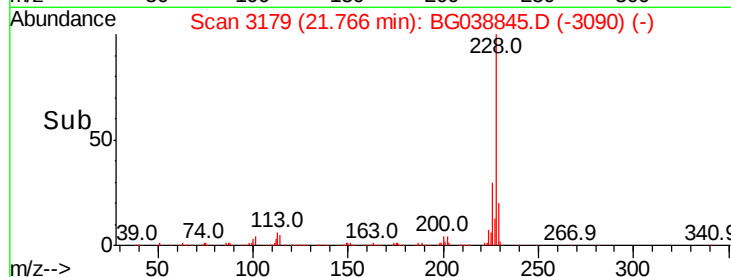
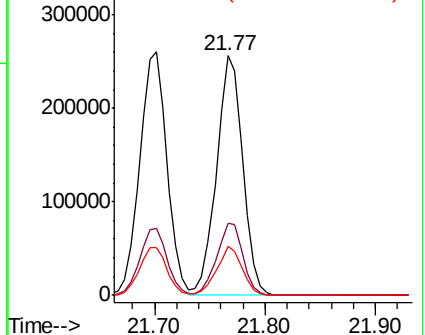
229 20.2 16.5 24.7



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

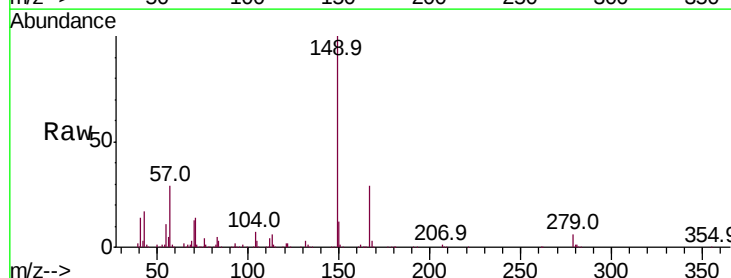
Tgt Ion:149 Resp: 236235

Ion Ratio Lower Upper

149 100

167 29.3 21.9 32.9

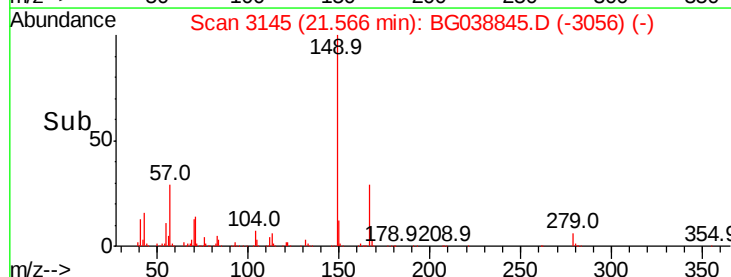
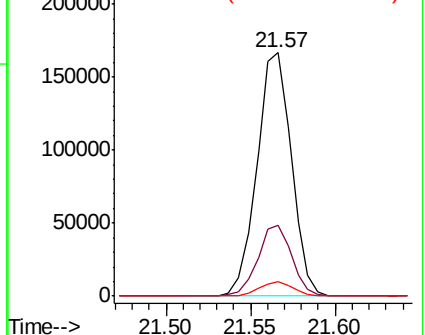
279 6.0 4.2 6.2

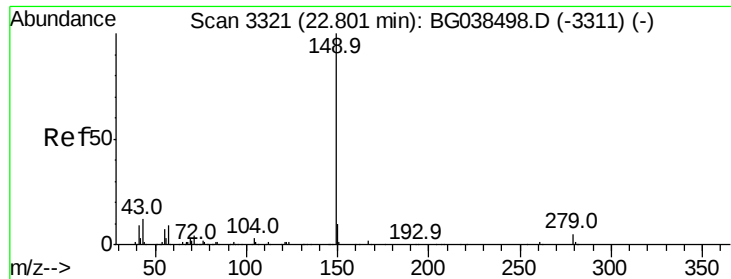


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

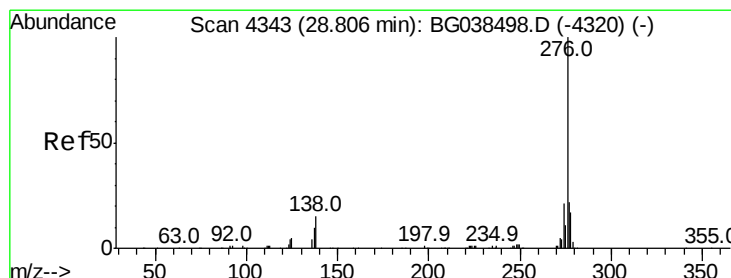
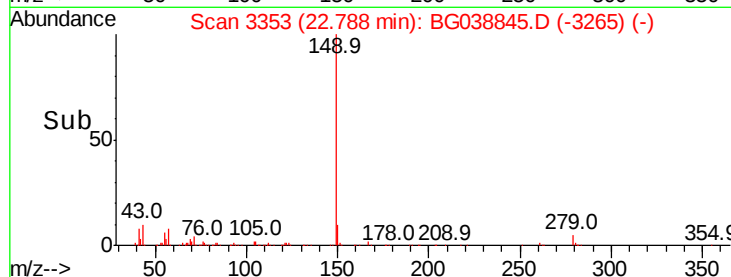
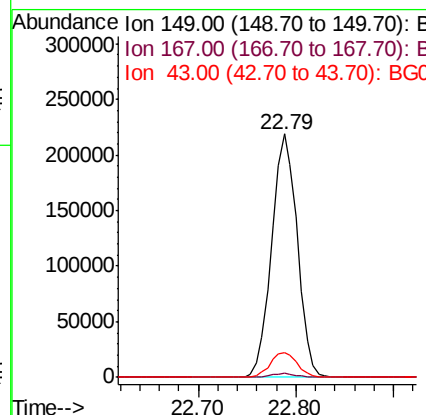
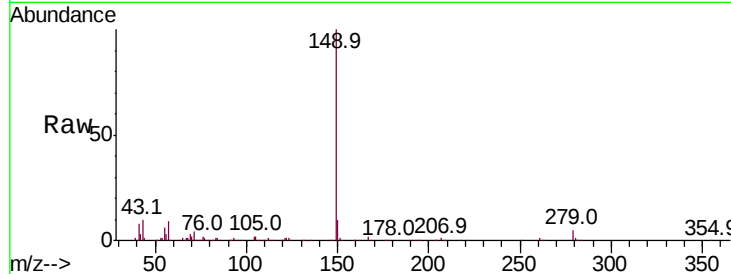




#85
Di-n-octyl phthalate
Concen: 40.589 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

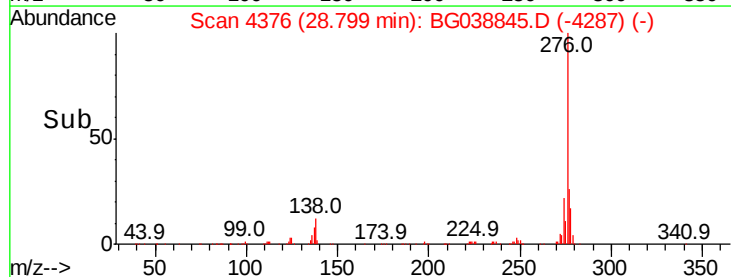
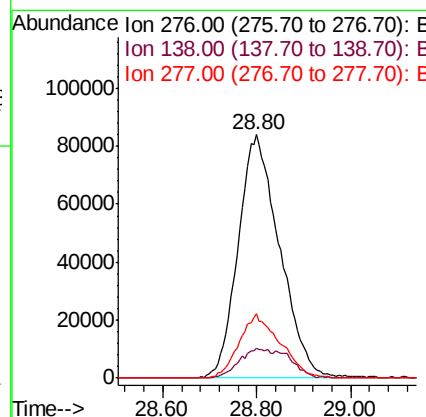
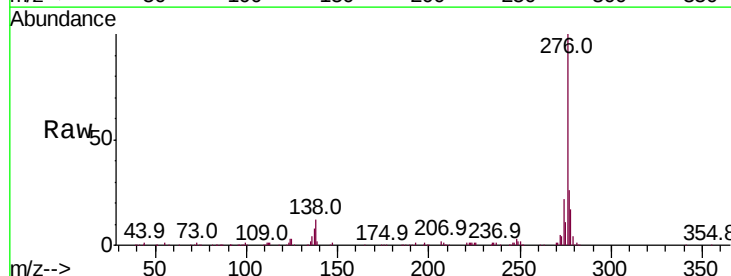
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

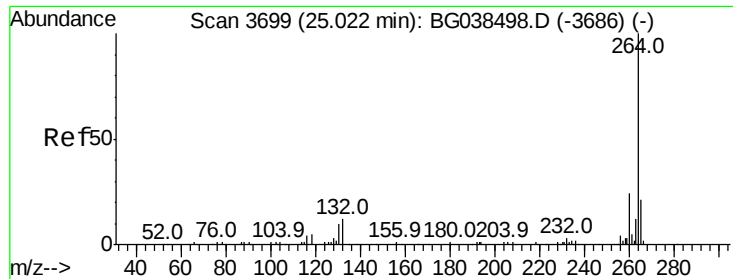
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	9.3	13.9



#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#

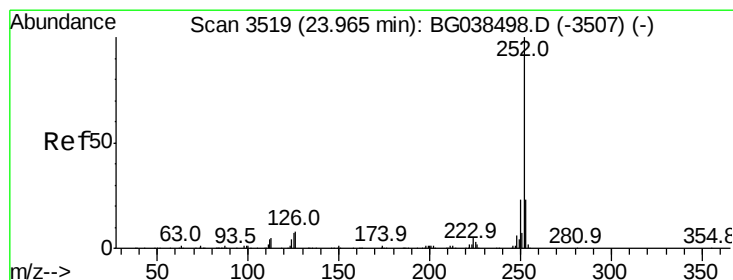
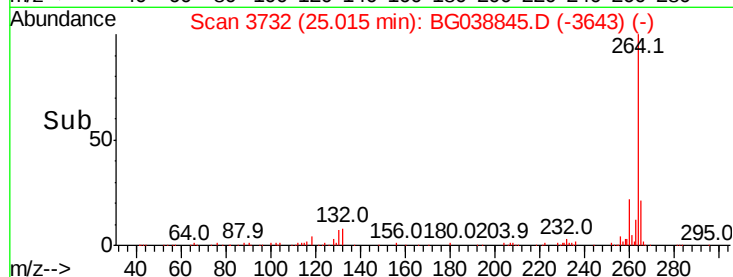
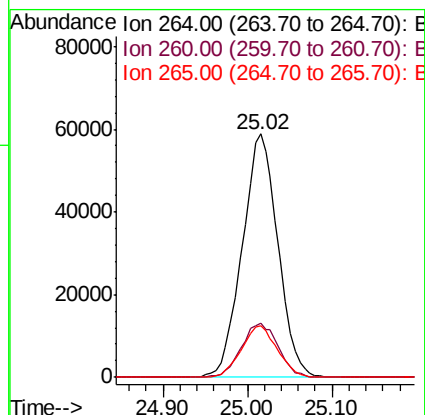
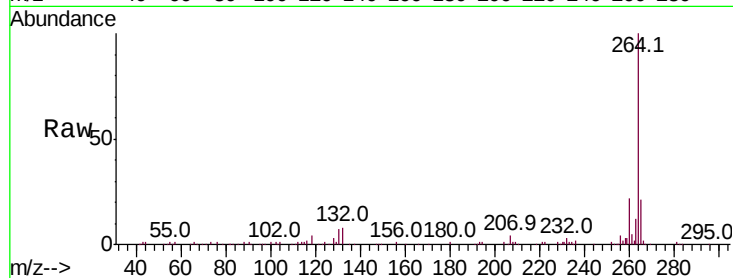




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038845.D
Acq: 27 Dec 2018 16:04

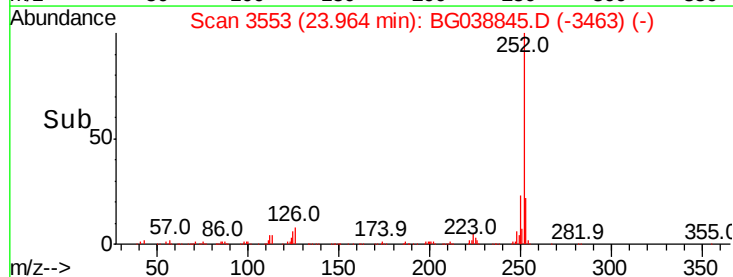
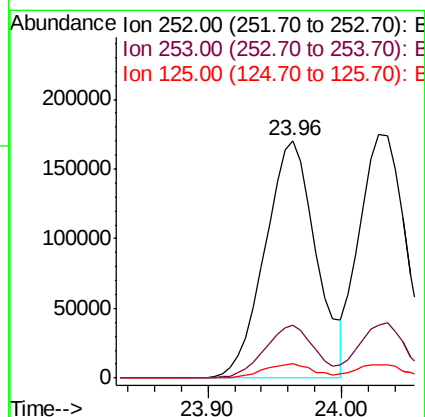
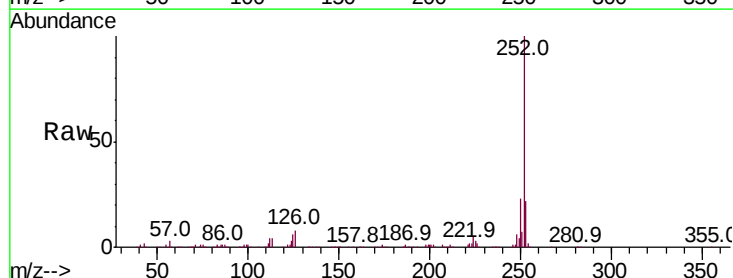
Instrument :
BNA_G
ClientSampleId :
PB116010BSD

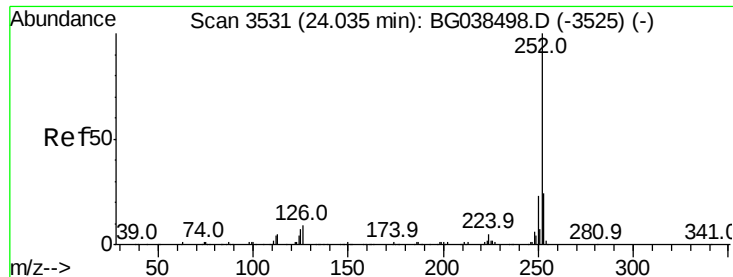
Tot Ion:264 Resp: 171859
Ion Ratio Lower Upper
264 100
260 22.0 18.9 28.3
265 21.0 17.0 25.4



#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





#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

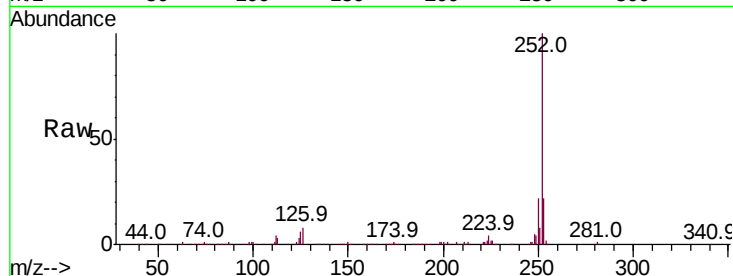
Tot Ion:252 Resp: 421260

Ion Ratio Lower Upper

252 100

253 21.6 18.9 28.3

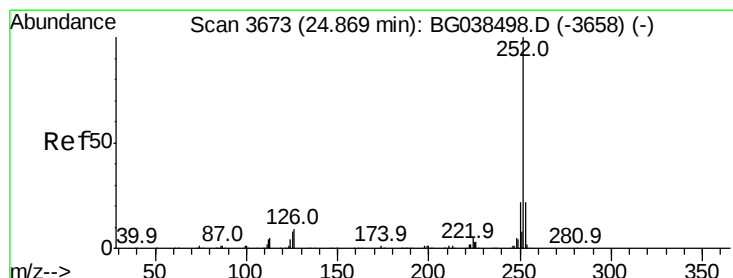
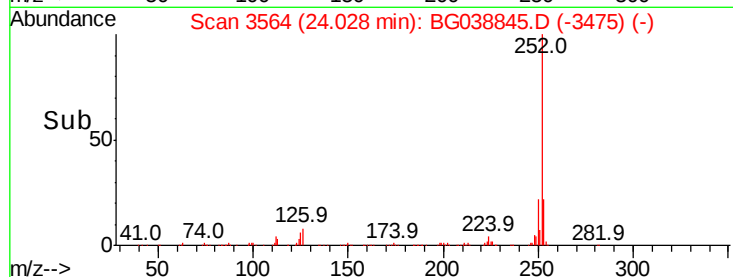
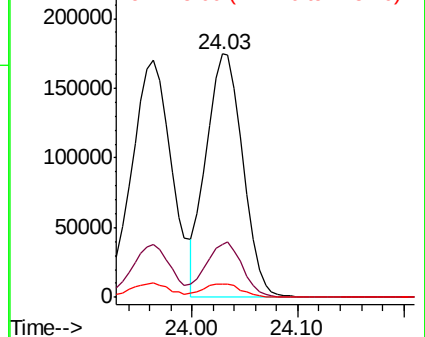
125 5.5 5.4 8.2



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

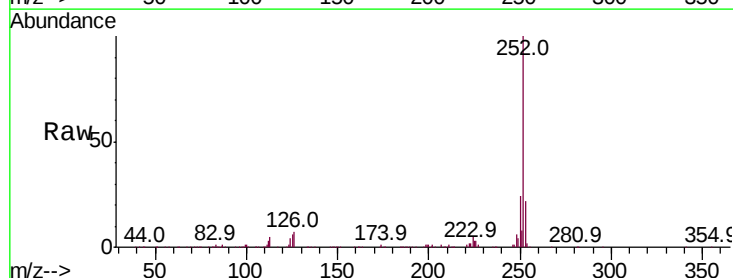
Tgt Ion:252 Resp: 434680

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

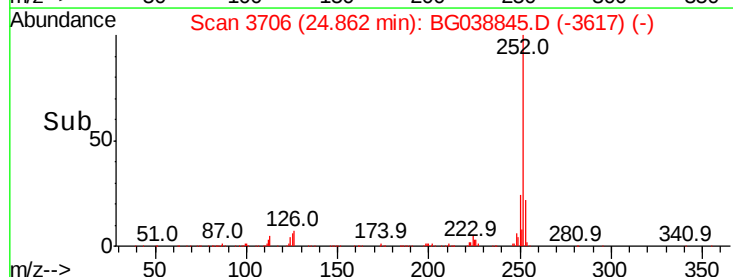
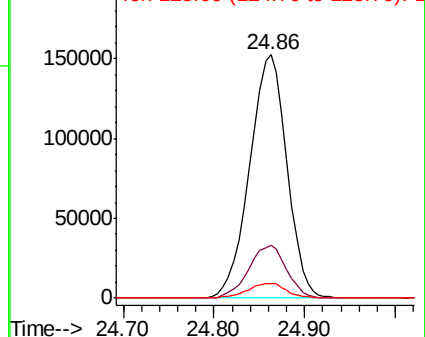
125 6.1 6.4 9.6#

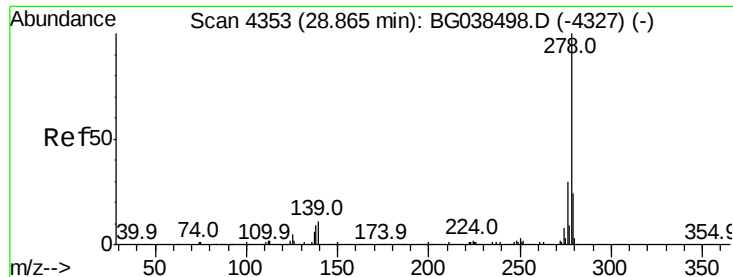


Abundance Ion 252.00 (251.70 to 252.70): E

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

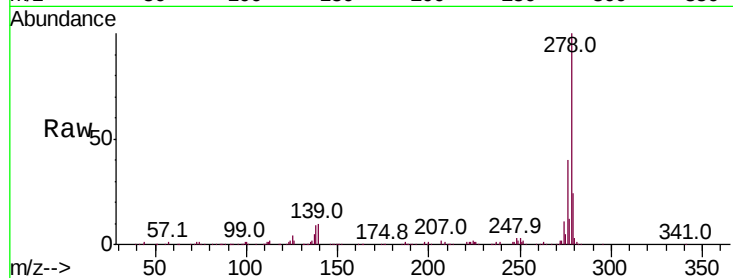
Tot Ion:278 Resp: 430869

Ion Ratio Lower Upper

278 100

139 9.5 8.6 12.8

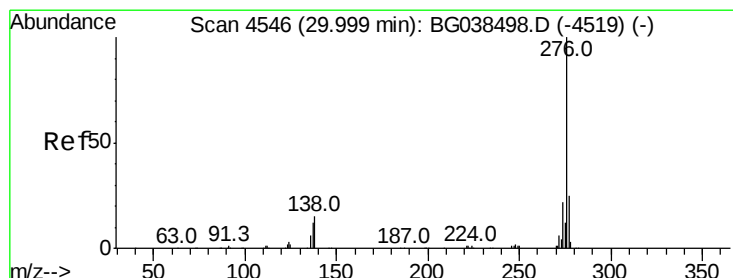
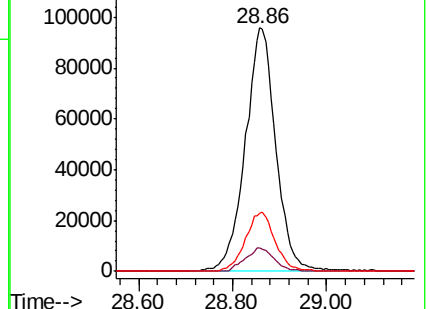
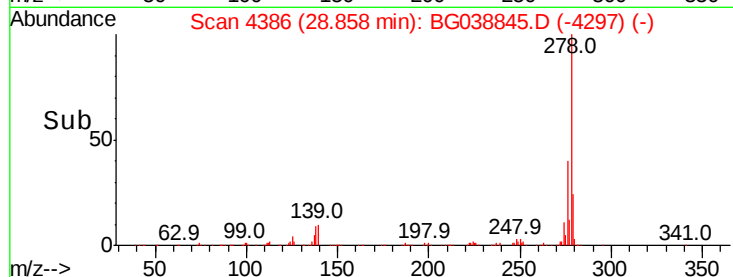
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 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

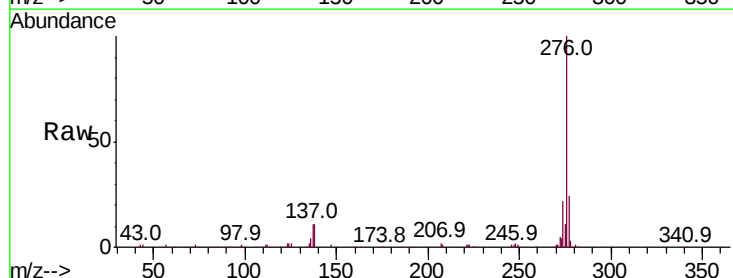
Tgt Ion:276 Resp: 423238

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 11.3 11.8 17.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

