

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036854.D
 Acq On : 21 Sep 2018 11:23
 Operator : JU/SJ
 Sample : J4870-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Quant Time: Sep 21 13:37:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55215	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	253734	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176595	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	450963	20.00	ng	0.00
75) Chrysene-d12	21.70	240	430692	20.00	ng	0.00
86) Perylene-d12	24.91	264	453912	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	346931	120.50	ng	0.00
7) Phenol-d6	7.21	99	522138	117.22	ng	0.00
23) Nitrobenzene-d5	9.21	82	338106	71.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	227857	107.84	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	848072	71.53	ng	0.00
78) Terphenyl-d14	20.03	244	1382122	84.38	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.84	42	96644	57.162	ng	98
12) 1,3-Dichlorobenzene	7.94	146	315754	77.042	ng	98
13) 1,4-Dichlorobenzene	7.94	146	315754	75.284	ng	98
14) 1,2-Dichlorobenzene	8.40	146	190277	46.815	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	697697	85.458	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	361501	97.555	ng	95
24) Nitrobenzene	9.25	77	179130	35.402	ng	97
25) Isophorone	9.77	82	520602	60.132	ng	98
26) 2-Nitrophenol	9.77	139	8792	4.359	ng	# 63
30) 1,2,4-Trichlorobenzene	10.72	180	191894	42.104	ng	99
31) Naphthalene	10.91	128	1322529	109.546	ng	98
32) Benzoic acid	9.76	122	78	5.847	ng	# 1
33) 4-Chloroaniline	10.91	127	191170	34.827	ng	# 34
40) Hexachlorocyclopentadiene	12.85	237	218842	69.084	ng	97
46) 2-Chloronaphthalene	13.55	162	356266	33.496	ng	99
48) Acenaphthylene	14.40	152	1305675	78.340	ng	99
50) 2,6-Dinitrotoluene	14.68	165	22508	7.257	ng	# 21
51) Acenaphthene	14.74	154	716769	71.158	ng	98
55) 4-Nitrophenol	14.74	139	5944	2.847	ng	# 61
56) 2,4-Dinitrotoluene	14.68	165	22508	5.201	ng	# 19
57) Fluorene	15.73	166	1336687	104.963	ng	99
59) Diethylphthalate	15.49	149	826051	57.617	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	136076	16.873	ng	95
61) 4-Nitroaniline	15.73	138	18469	5.373	ng	# 14
62) Azobenzene	15.72	77	56021	4.067	ng	# 22
67) Hexachlorobenzene	16.73	284	204579	38.724	ng	97
70) Phenanthrene	17.47	178	2396440	110.274	ng	# 87
71) Anthracene	17.47	178	2396440	111.522	ng	# 87
73) Di-n-butylphthalate	18.38	149	2117016	90.987	ng	# 93
74) Fluoranthene	19.84	202	1928815	73.735	ng	93
77) Pyrene	19.84	202	1928815	74.630	ng	94
80) Benzo(a)anthracene	21.68	228	1934123	76.930	ng	92
82) Chrysene	21.68	228	1934123	79.621	ng	95
83) Bis(2-ethylhexyl)phthalate	21.57	149	1046196	72.697	ng	97

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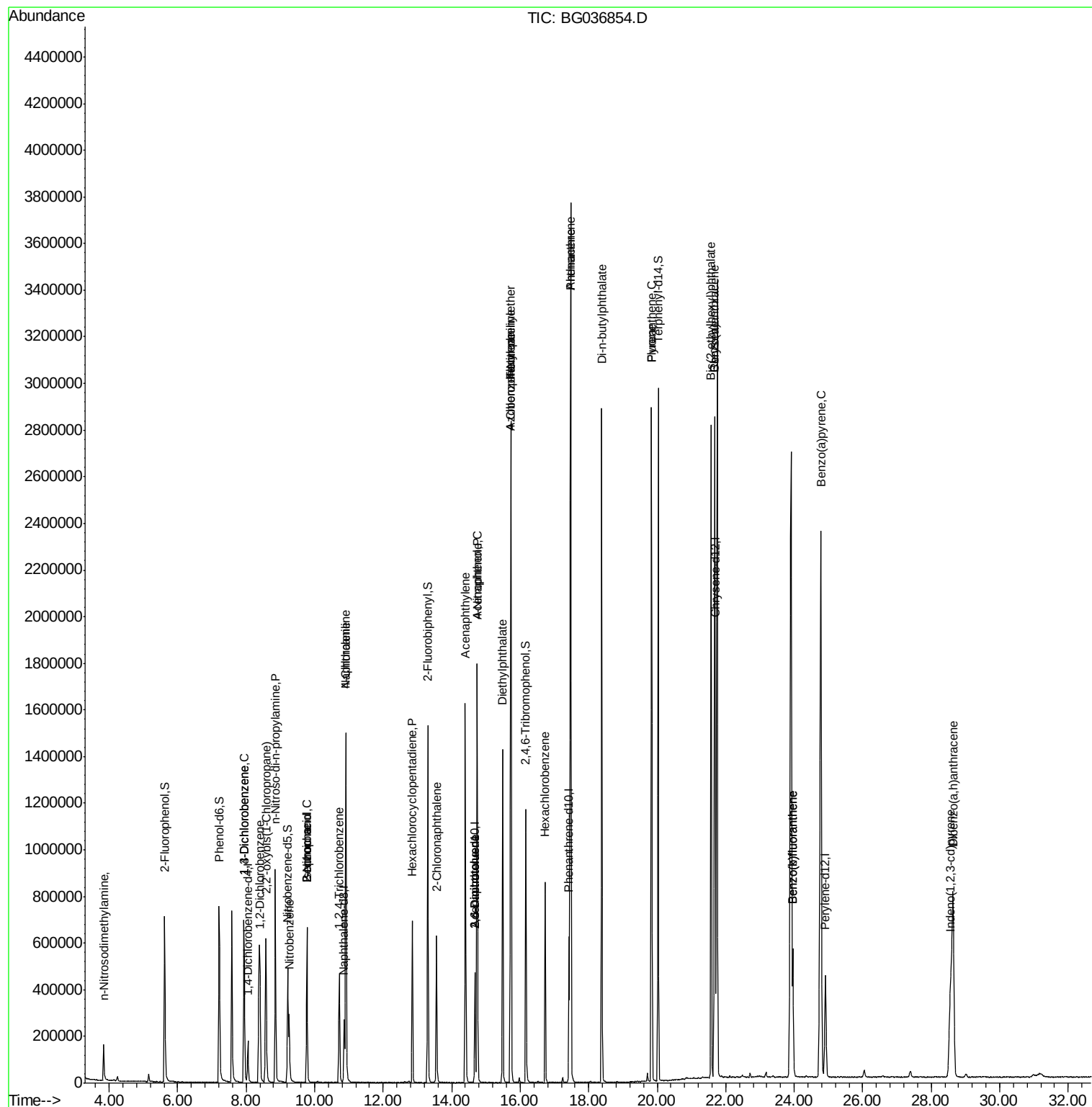
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Indeno(1,2,3-cd)pyrene	28.57	276	1059863	40.630	ng	# 95
87) Benzo(b)fluoranthene	23.96	252	385847	15.951	ng	99
88) Benzo(k)fluoranthene	23.96	252	385847	15.899	ng	99
89) Benzo(a)pyrene	24.78	252	2982003	127.510	ng	96
90) Dibenzo(a,h)anthracene	28.64	278	1269515	57.921	ng	97

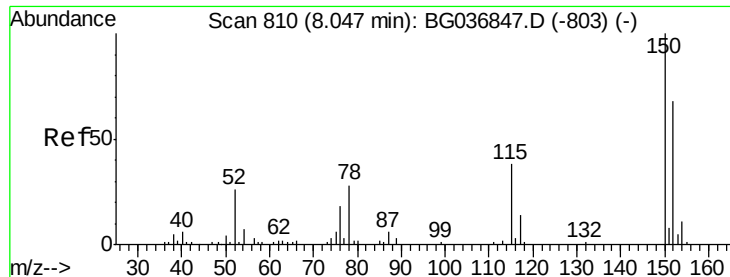
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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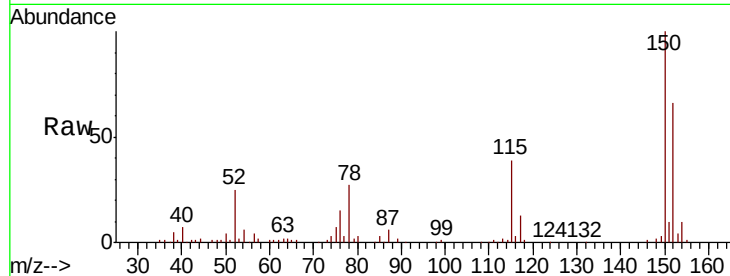


#1

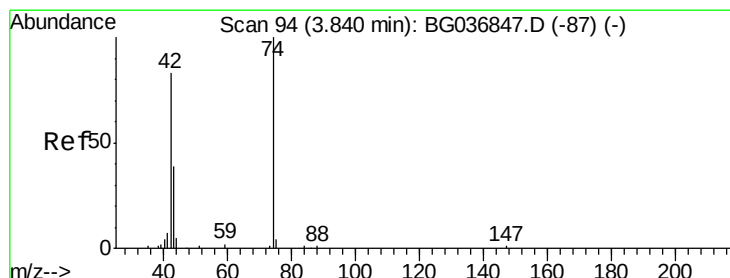
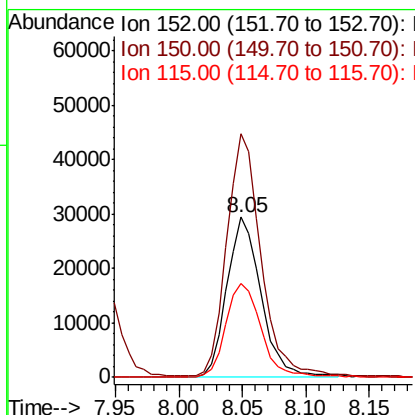
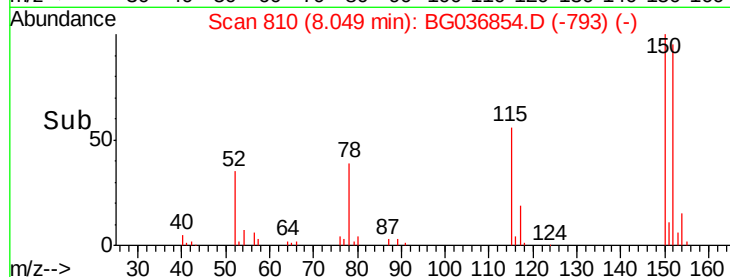
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:152 Resp: 55215
Ion Ratio Lower Upper
152 100
150 152.3 119.5 179.3
115 58.8 44.5 66.7



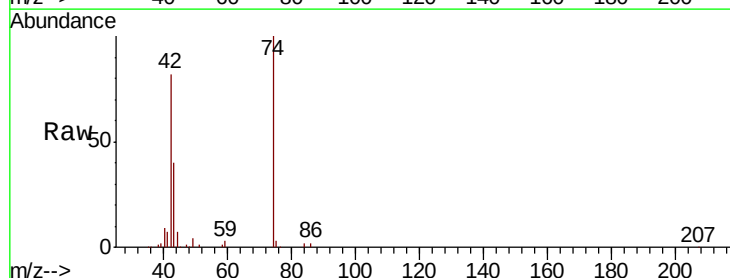
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



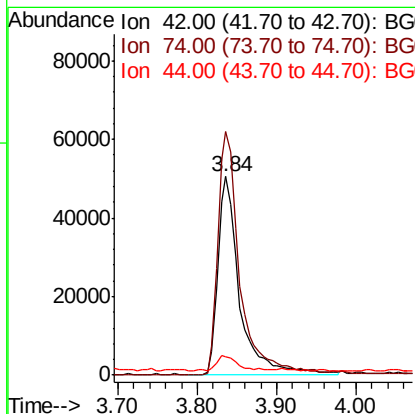
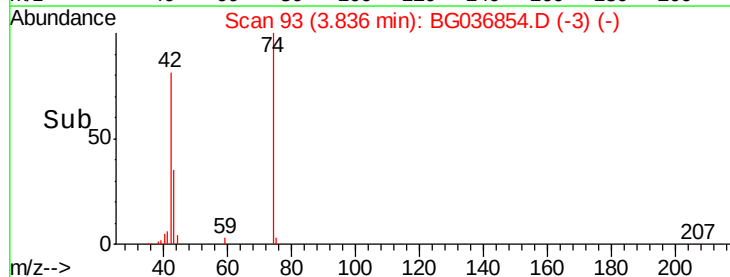
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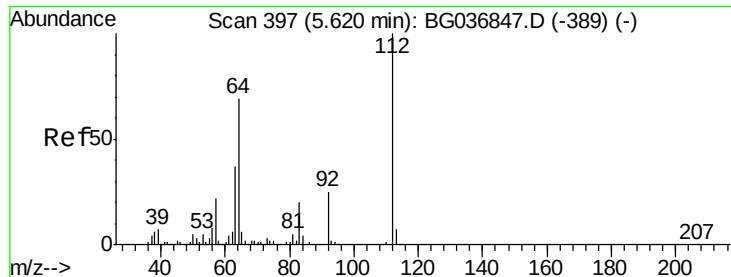
n-Nitrosodimethylamine
Concen: 57.162 ng
RT: 3.84 min Scan# 93
Delta R.T. -0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion: 42 Resp: 96644
Ion Ratio Lower Upper
42 100
74 122.5 96.6 145.0
44 9.1 7.0 10.4



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





#5

2-Fluorophenol

Concen: 120.500 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

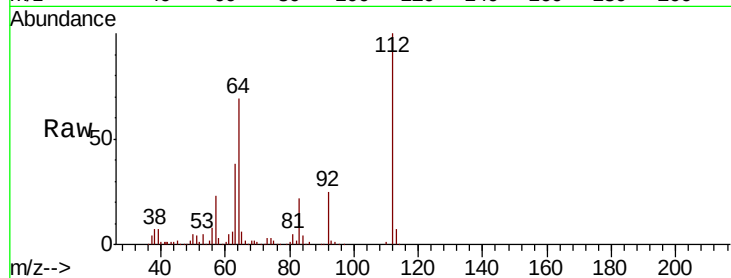
Tot Ion:112 Resp: 346931

Ion Ratio Lower Upper

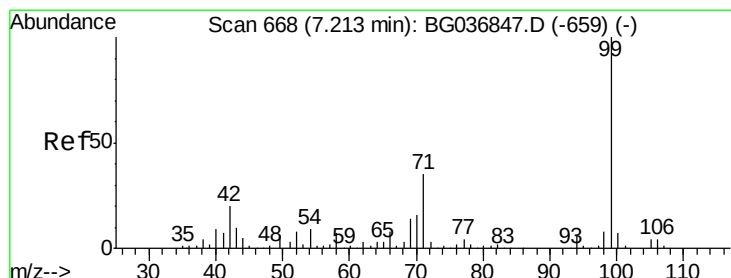
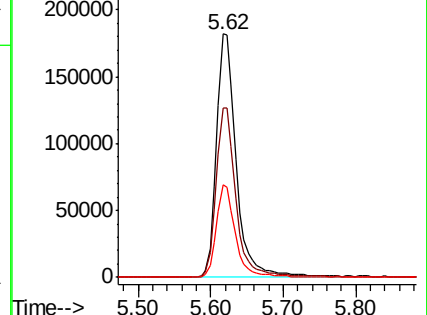
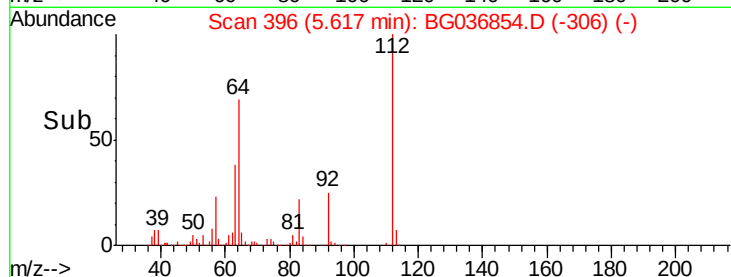
112 100

64 69.3 57.2 85.8

63 38.0 30.8 46.2



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



#7

Phenol-d6

Concen: 117.217 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

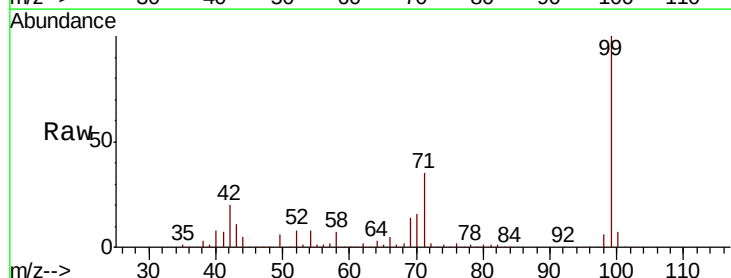
Tgt Ion: 99 Resp: 522138

Ion Ratio Lower Upper

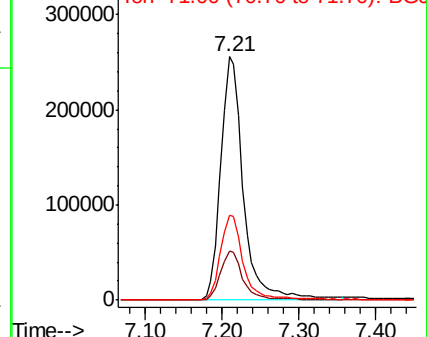
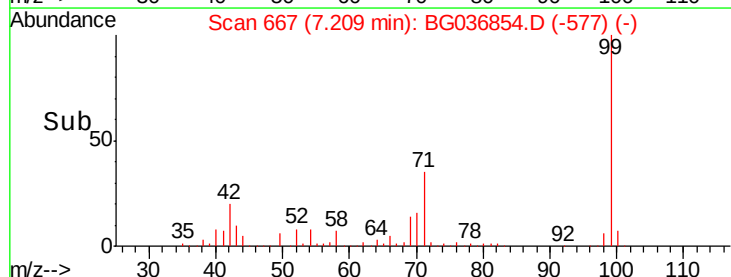
99 100

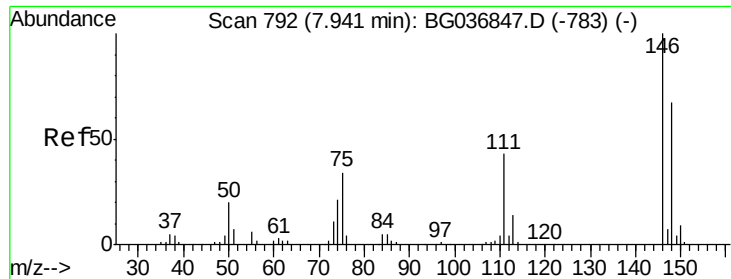
42 19.9 16.5 24.7

71 34.9 29.4 44.2



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

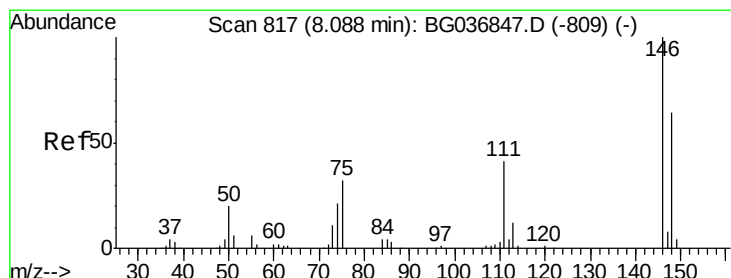
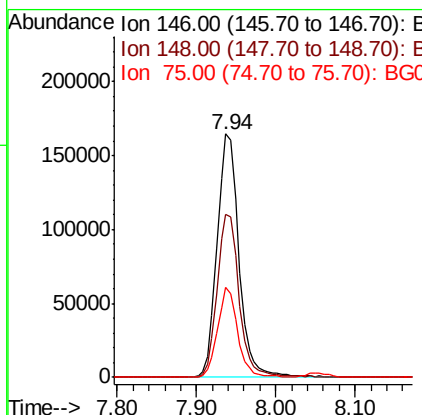
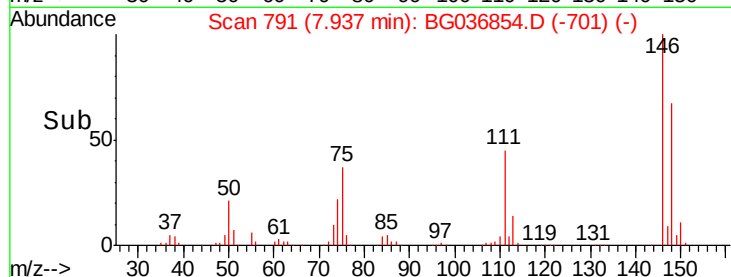
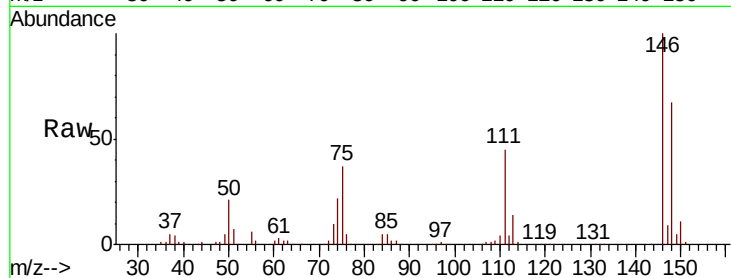




#12
 1,3-Dichlorobenzene
 Concen: 77.042 ng
 RT: 7.94 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

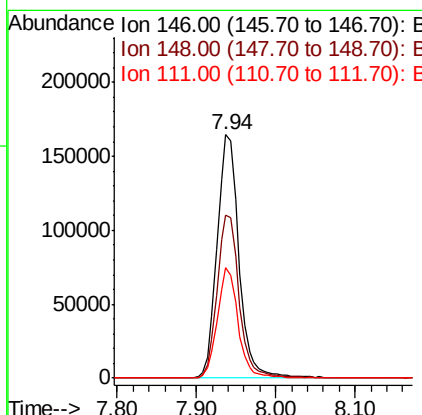
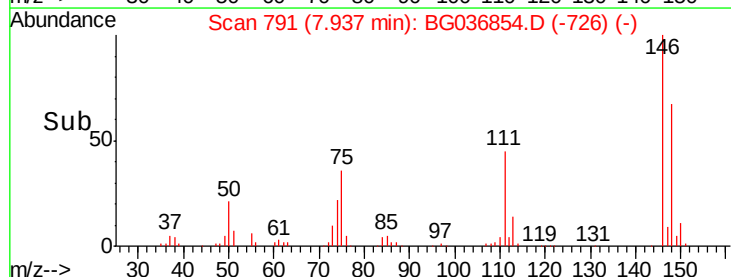
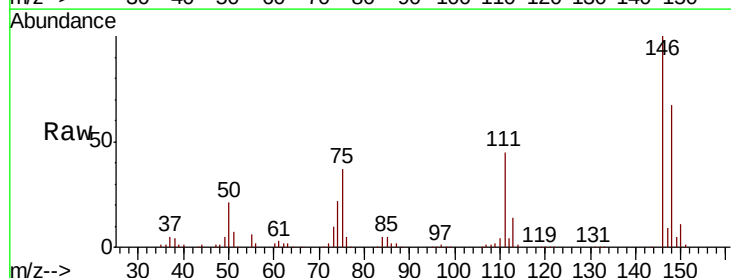
Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

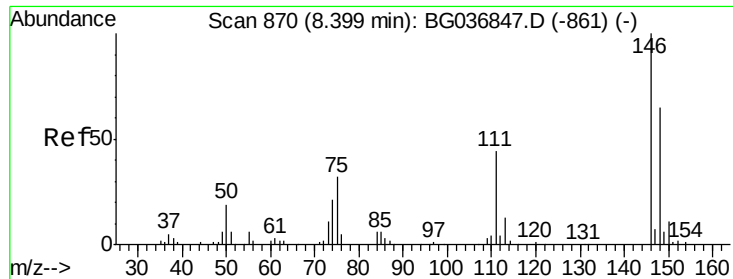
Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.8	80.6
75	37.2	27.2	40.8



#13
 1,4-Dichlorobenzene
 Concen: 75.284 ng
 RT: 7.94 min Scan# 791
 Delta R.T. -0.15 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	53.9	80.9
111	45.2	33.8	50.6

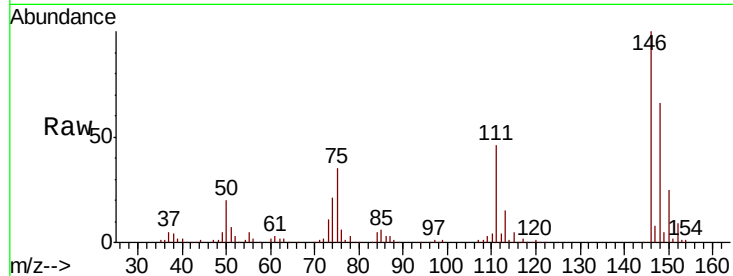




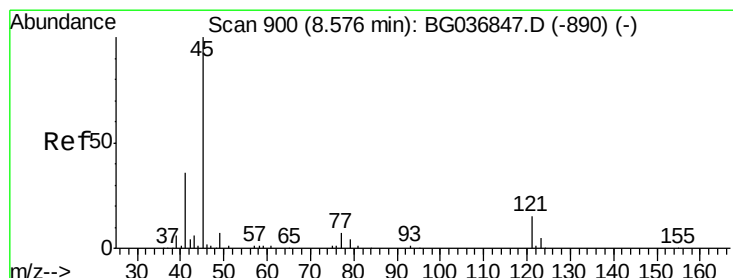
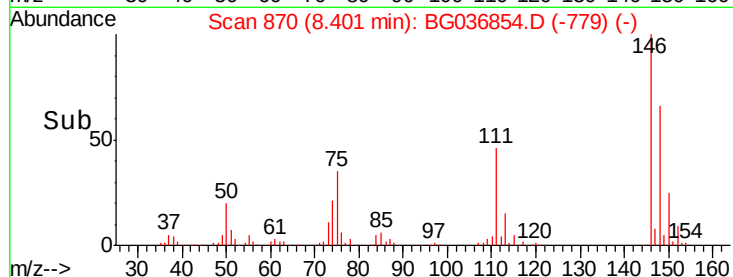
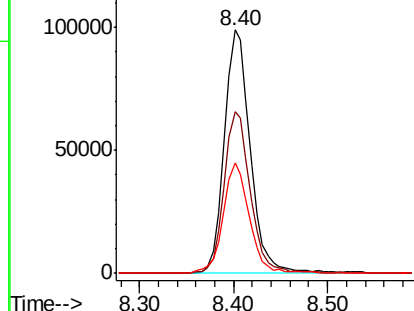
#14
 1,2-Dichlorobenzene
 Concen: 46.815 ng
 RT: 8.40 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.4	55.0	82.6
111	45.5	34.6	51.8

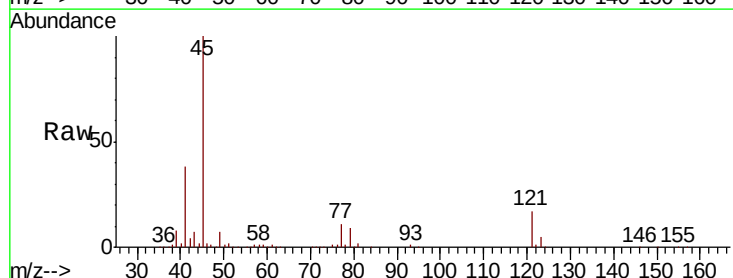


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

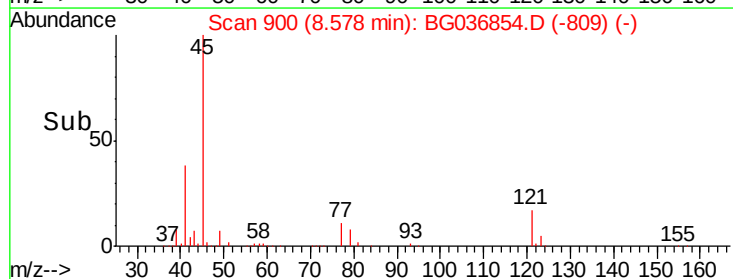
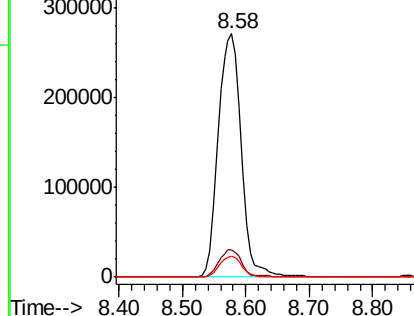


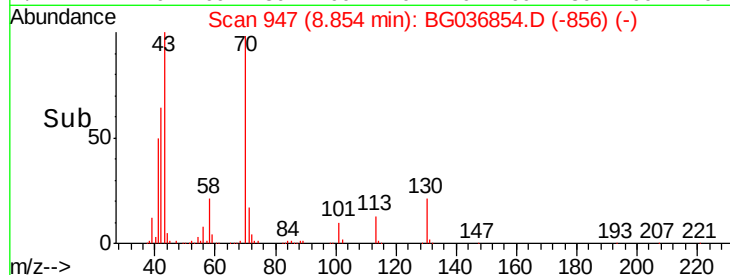
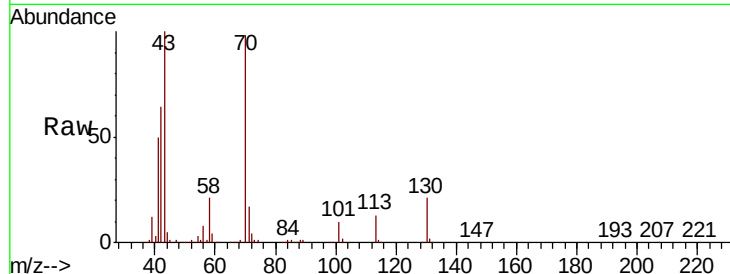
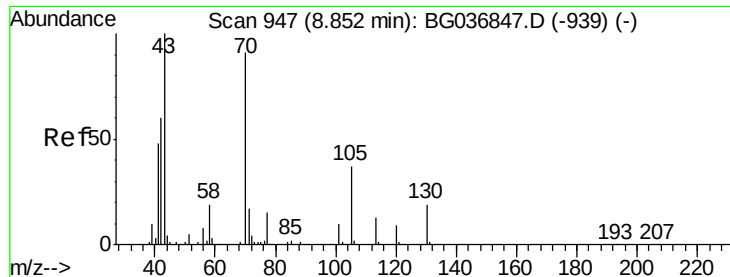
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 85.458 ng
 RT: 8.58 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.5
79	8.7	0.0	27.9



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

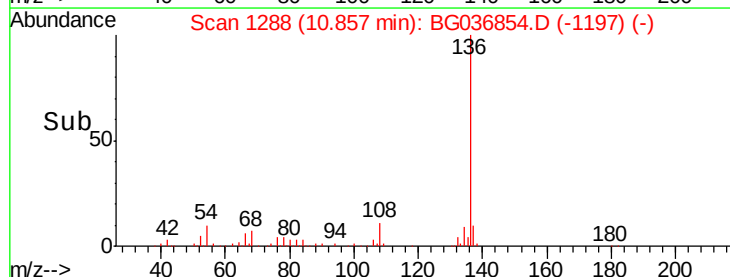
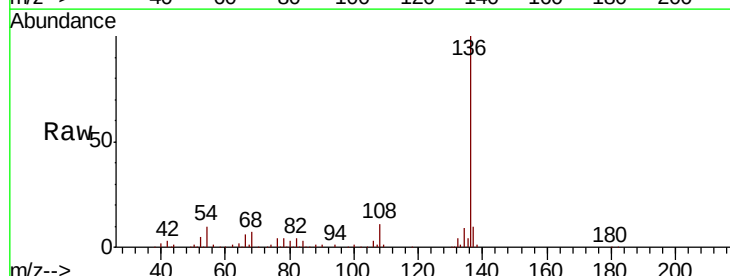
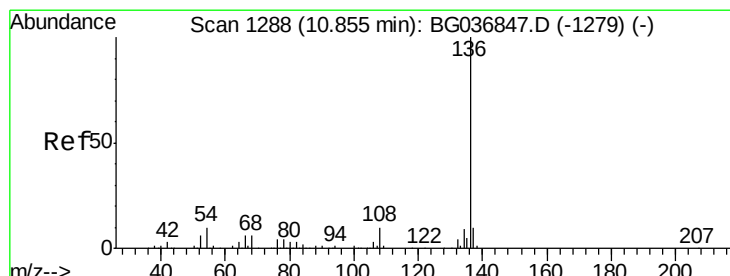
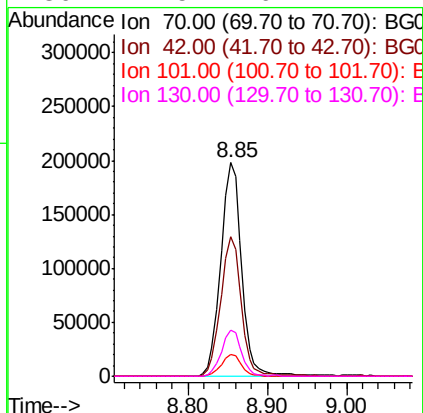




#19
n-Nitroso-di-n-propylamine
Concen: 97.555 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

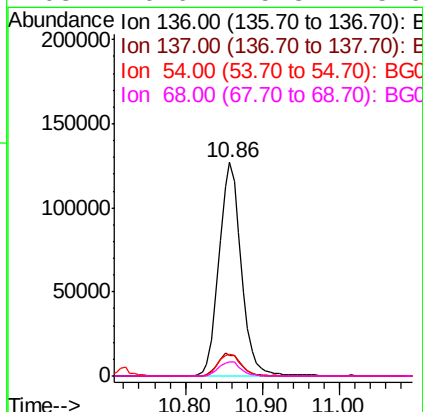
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BNA_G
ClientSampleId :
PT-BN-WP

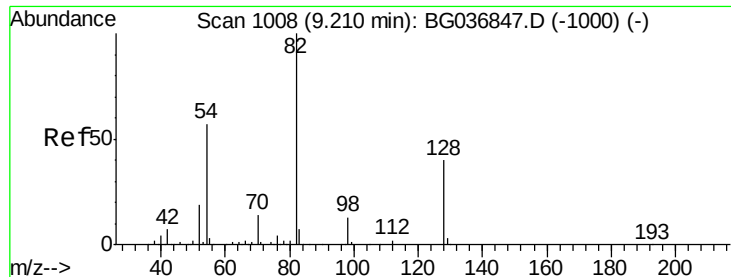
Tot Ion:	70	Resp:	361501
Ion	Ratio	Lower	Upper
70	100		
42	65.1	56.2	84.4
101	10.4	7.8	11.6
130	21.5	16.2	24.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion:	136	Resp:	253734
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.8	13.2
54	10.3	9.2	13.8
68	6.6	5.8	8.6

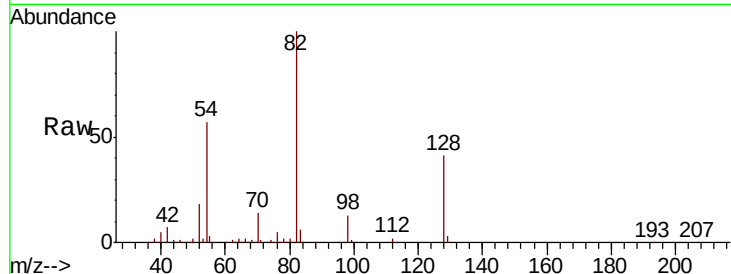




#23
 Nitrobenzene-d5
 Concen: 71.358 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.3	49.9
54	57.5	45.1	67.7

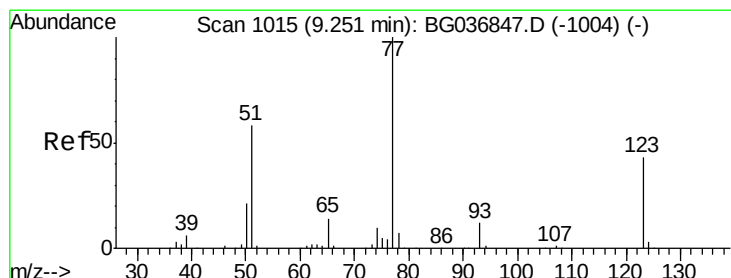
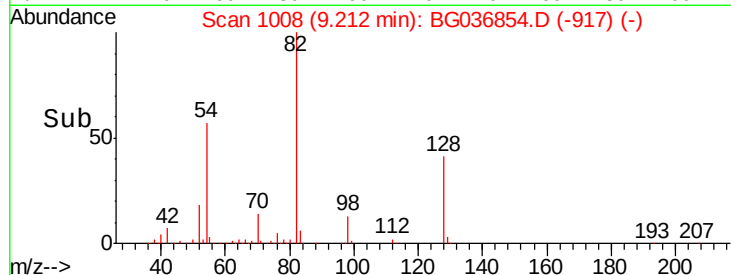
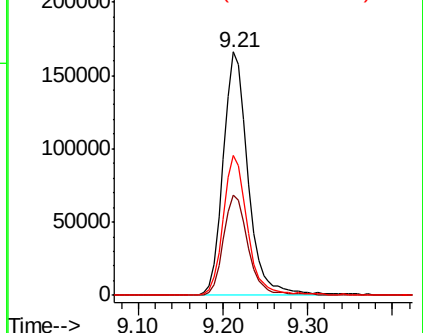


Abundance

Ion 82.00 (81.70 to 82.70): BGC

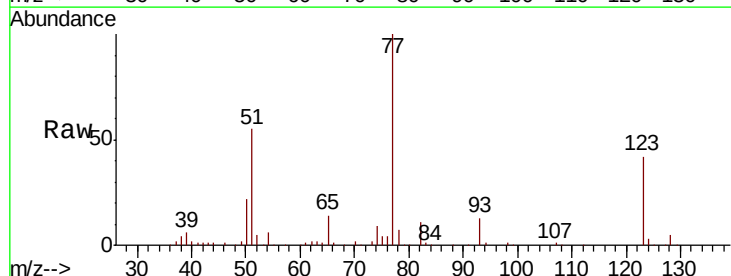
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 35.402 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BG036854.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	32.4	48.6
65	13.7	11.5	17.3

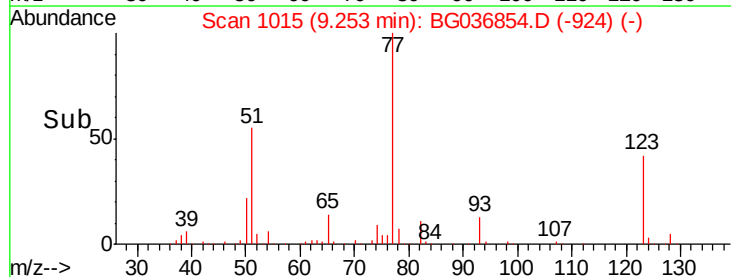
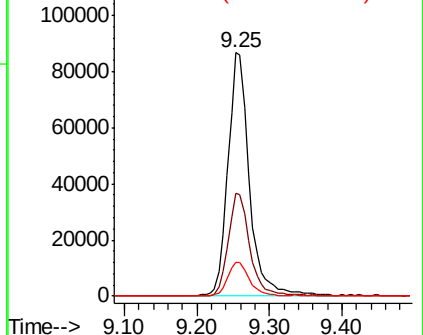


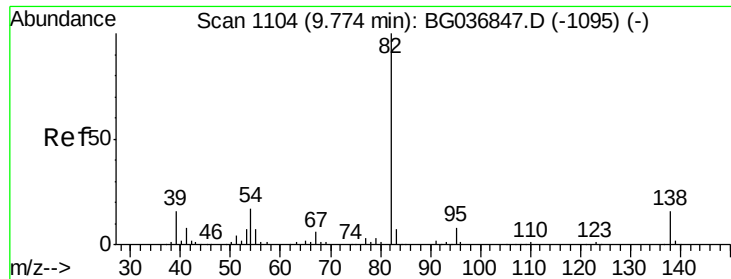
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 60.132 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

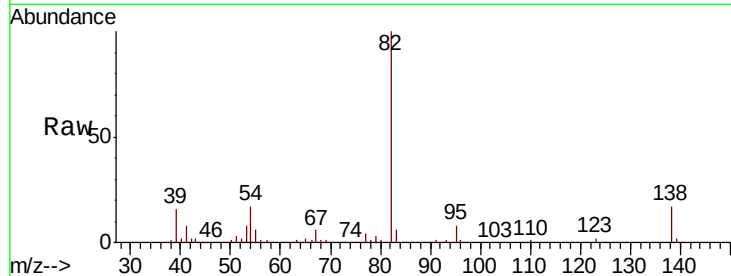
Tot Ion: 82 Resp: 520602

Ion Ratio Lower Upper

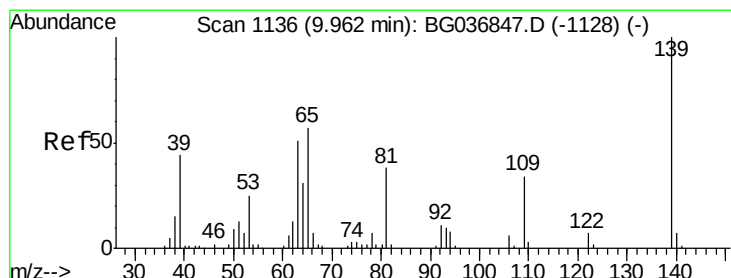
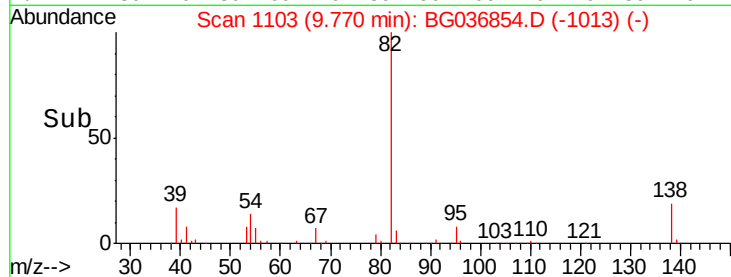
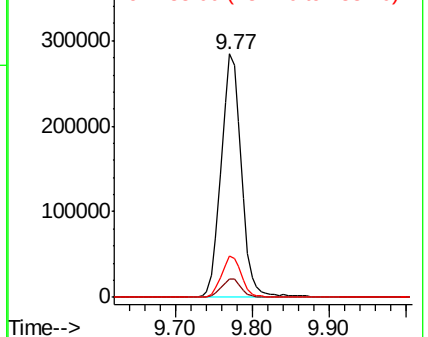
82 100

95 7.7 5.8 8.8

138 17.2 12.9 19.3



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



#26

2-Nitrophenol

Concen: 4.359 ng

RT: 9.77 min Scan# 1103

Delta R.T. -0.19 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

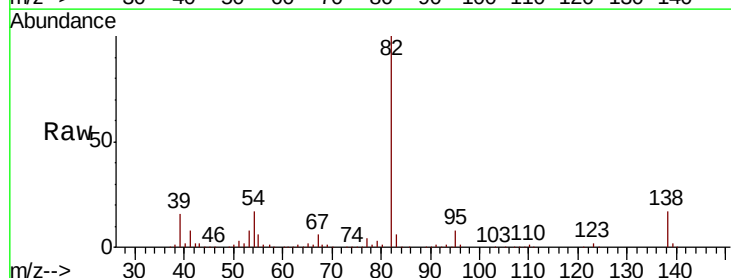
Tgt Ion: 139 Resp: 8792

Ion Ratio Lower Upper

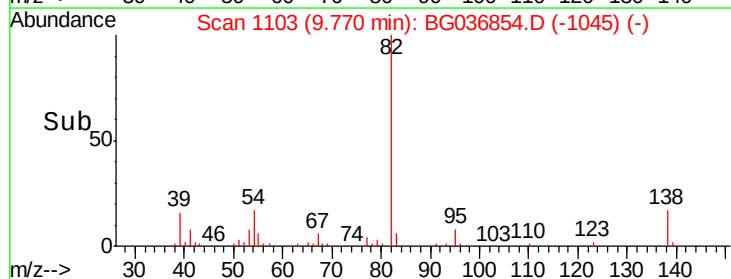
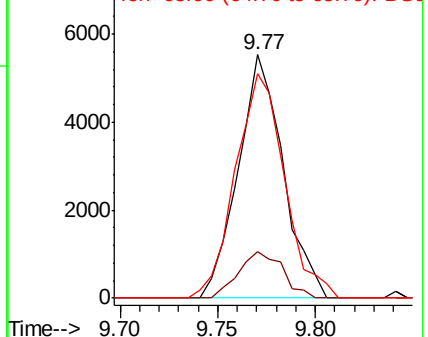
139 100

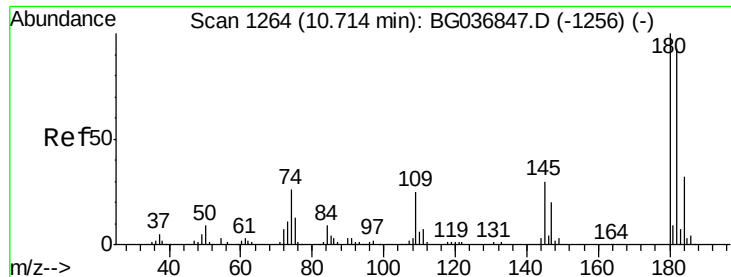
109 19.1 27.4 41.0#

65 92.1 47.8 71.6#



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

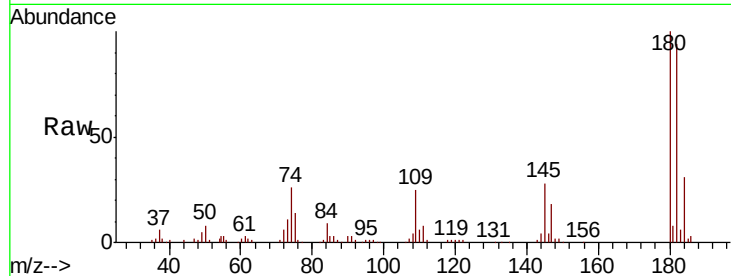




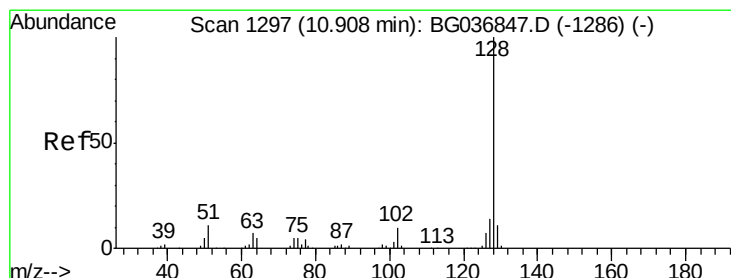
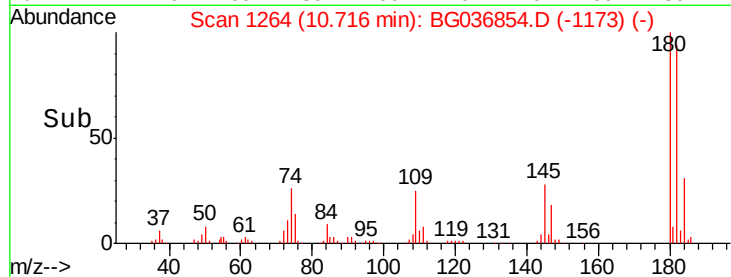
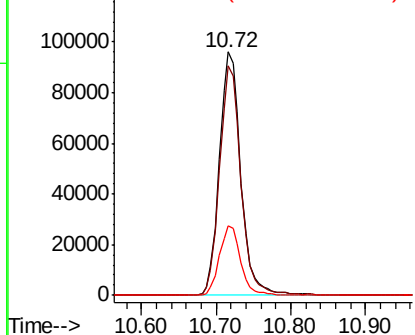
#30
 1,2,4-Trichlorobenzene
 Concen: 42.104 ng
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:180 Resp: 191894
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.0 114.0
 145 28.4 22.9 34.3

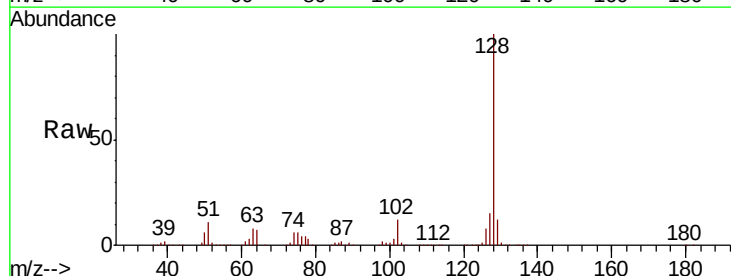


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

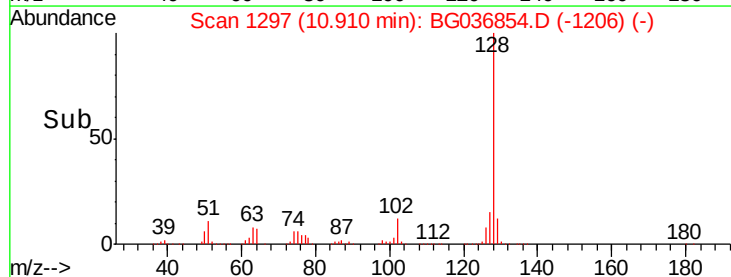
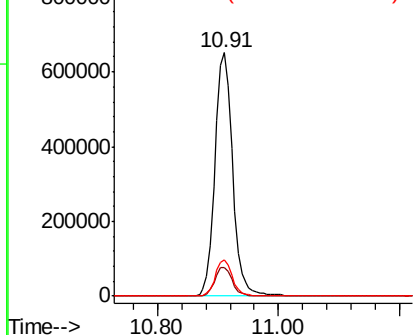


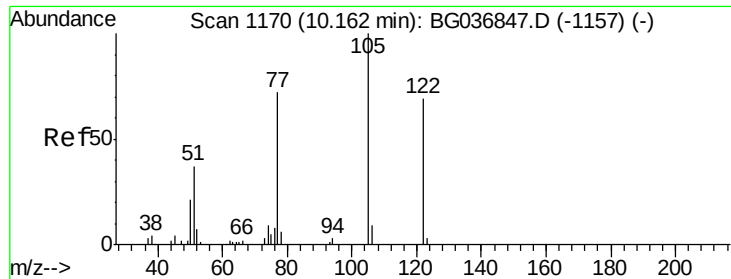
#31
 Naphthalene
 Concen: 109.546 ng
 RT: 10.91 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:128 Resp: 1322529
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.4 14.2
 127 14.9 11.0 16.4



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: 5.847 ng

RT: 9.76 min Scan# 1102

Delta R.T. -0.40 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

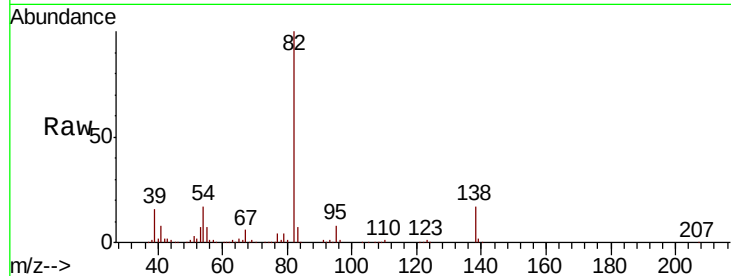
Tot Ion:122 Resp: 78

Ion Ratio Lower Upper

122 100

105 282.4 108.1 148.1#

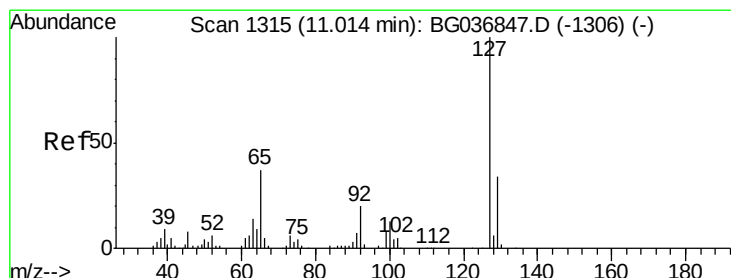
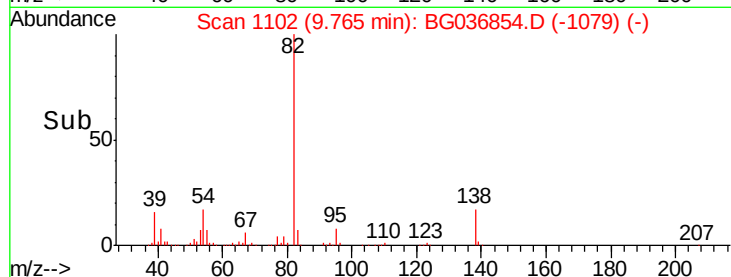
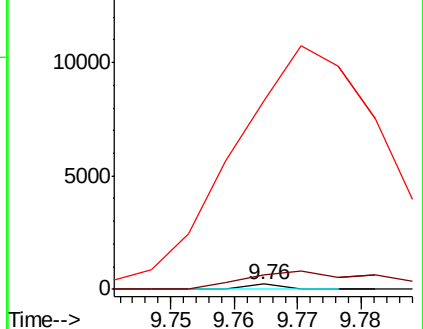
77 3755.2 76.3 116.3#



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): BGC



#33

4-Chloroaniline

Concen: 34.827 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.10 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Tgt Ion:127 Resp: 191170

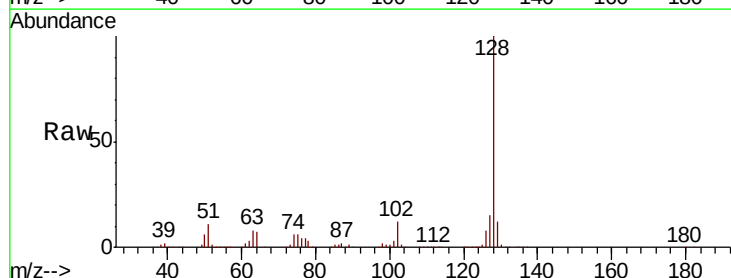
Ion Ratio Lower Upper

127 100

129 80.3 25.9 38.9#

65 0.0 27.5 41.3#

92 0.0 16.2 24.2#

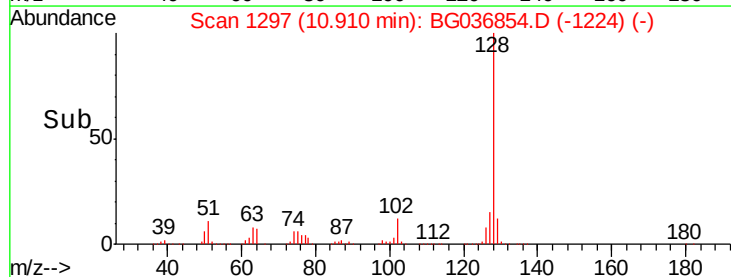
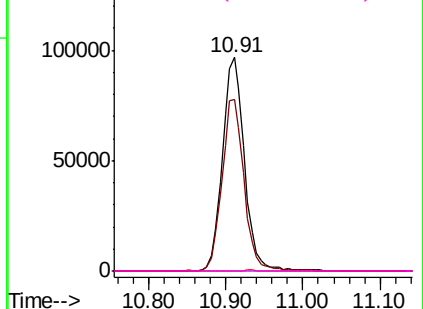


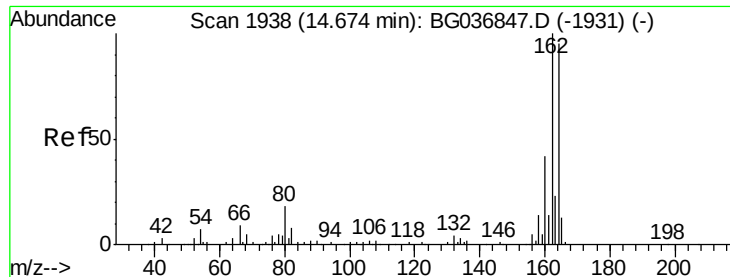
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

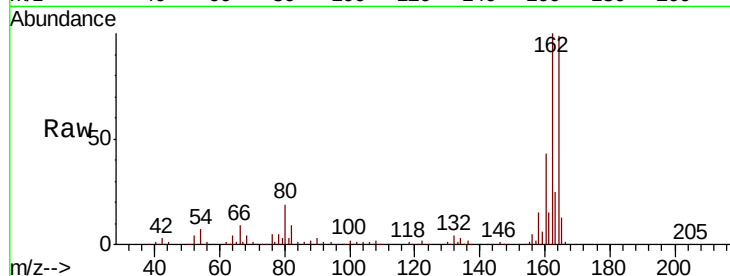
Tot Ion:164 Resp: 176595

Ion Ratio Lower Upper

164 100

162 101.1 80.7 121.1

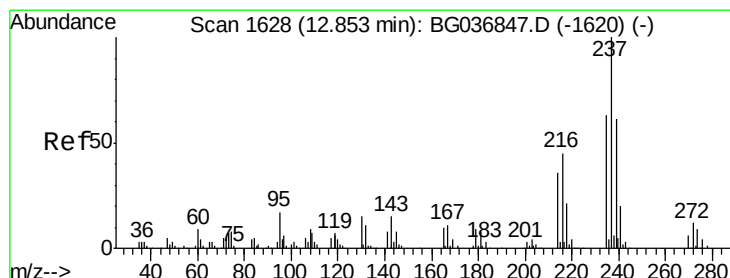
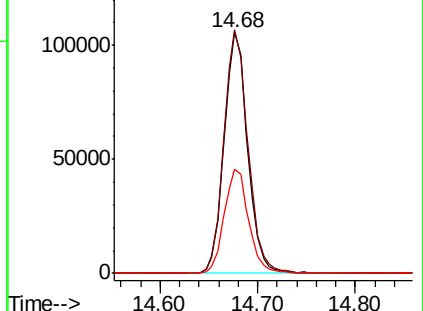
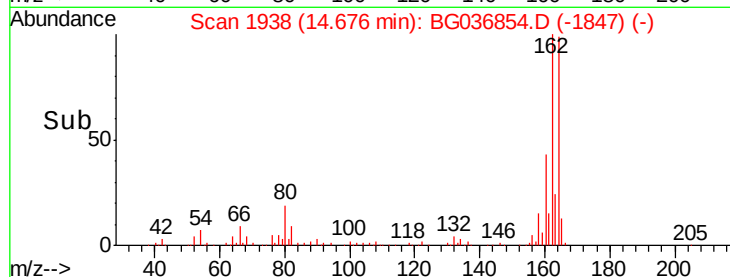
160 43.4 35.3 52.9



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

Hexachlorocyclopentadiene

Concen: 69.084 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

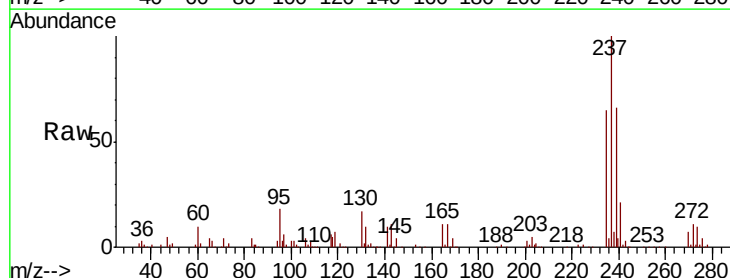
Tgt Ion:237 Resp: 218842

Ion Ratio Lower Upper

237 100

235 64.9 42.2 82.2

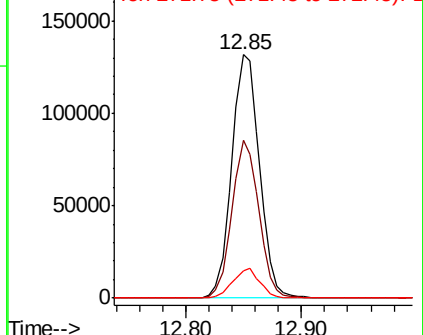
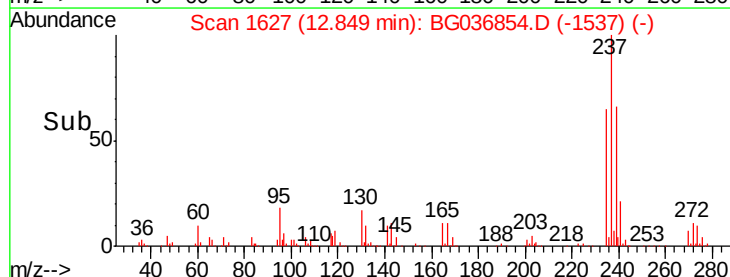
272 11.5 0.0 32.1

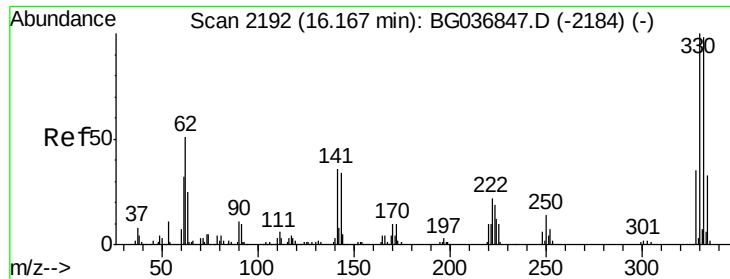


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

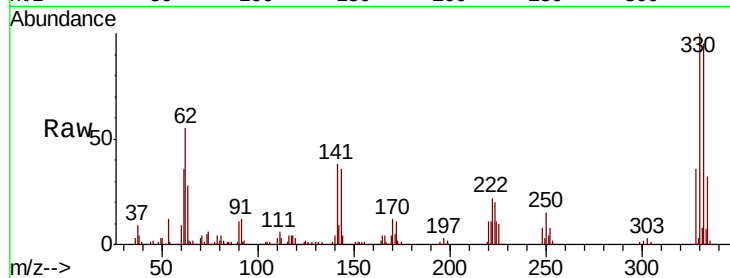




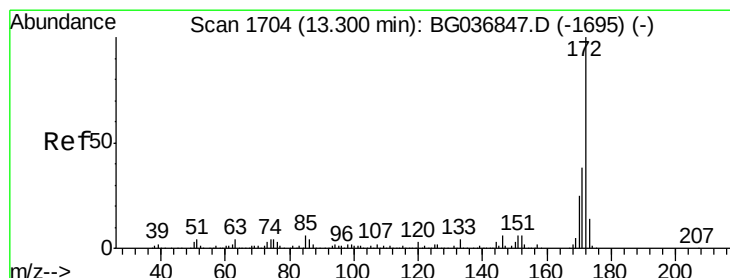
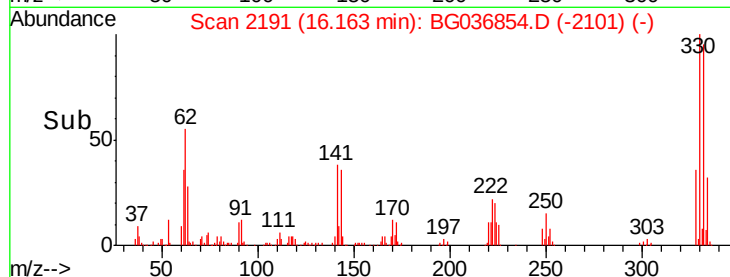
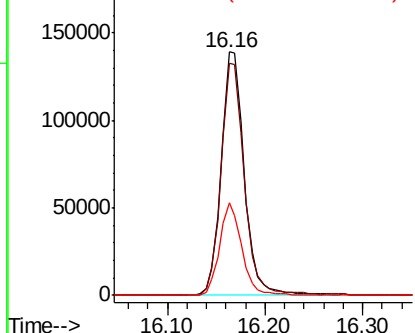
#41
 2,4,6-Tribromophenol
 Concen: 107.843 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.2
141	36.6	30.7	46.1

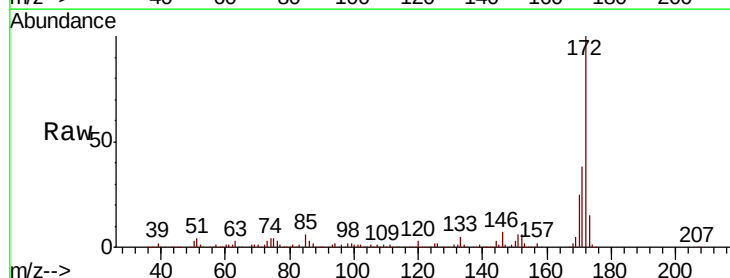


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

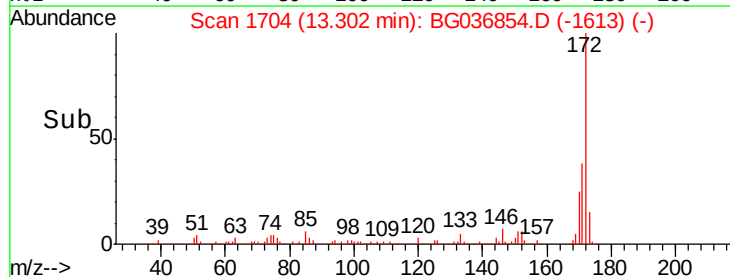
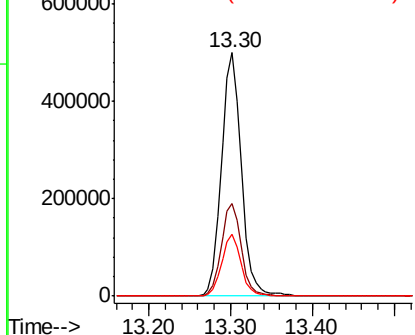


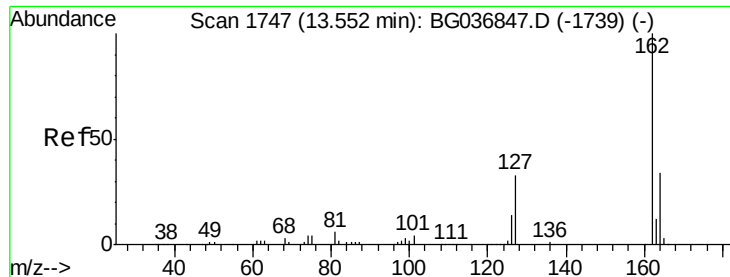
#44
 2-Fluorobiphenyl
 Concen: 71.526 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.3	21.0	31.6



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

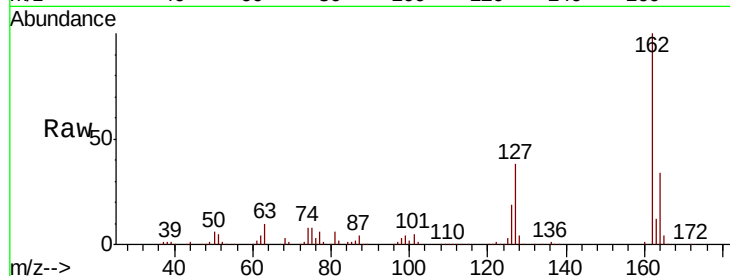




#46
2-Chloronaphthalene
Concen: 33.496 ng
RT: 13.55 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.7	46.1
164	34.4	26.7	40.1

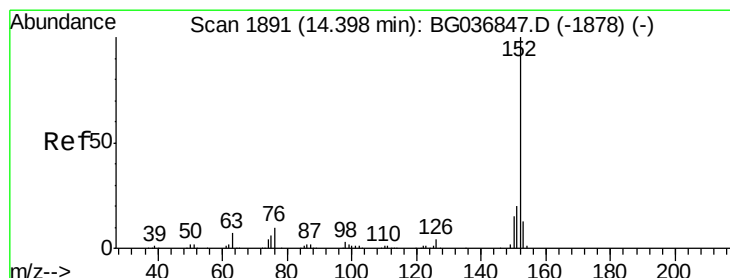
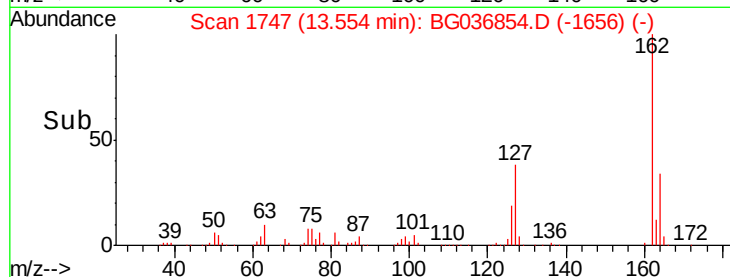
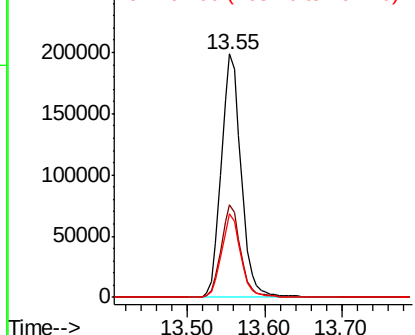


Abundance

Ion 162.00 (161.70 to 162.70): E

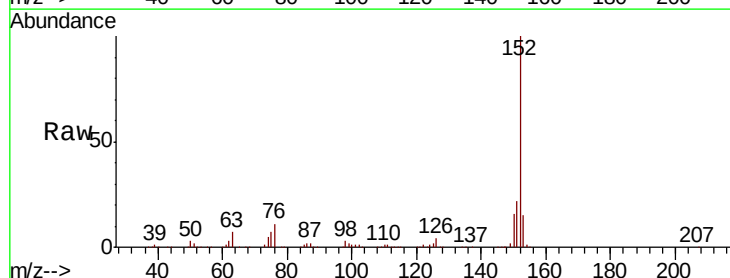
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 78.340 ng
RT: 14.40 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.9	25.3
153	14.7	11.2	16.8

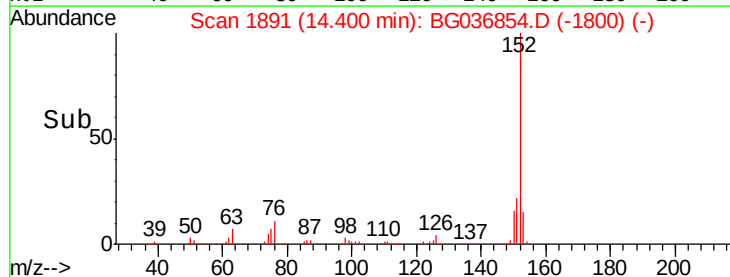
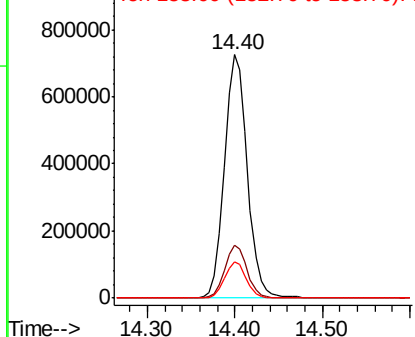


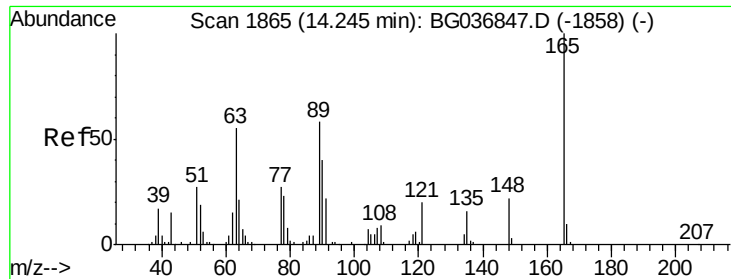
Abundance

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

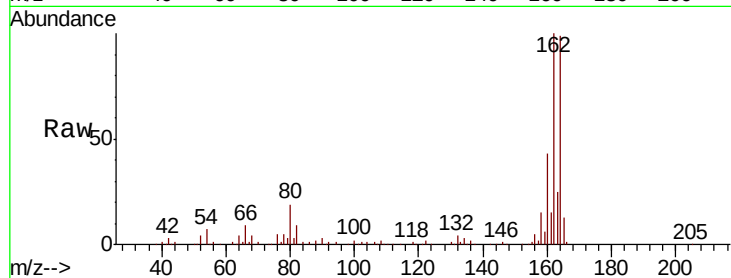




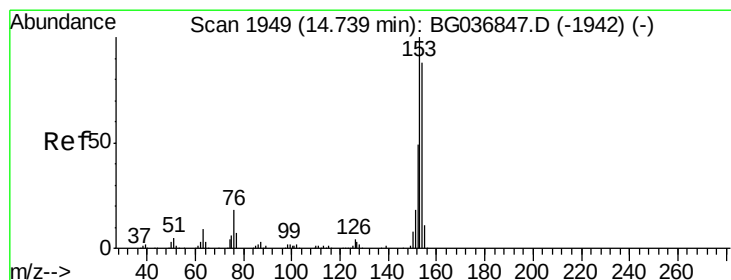
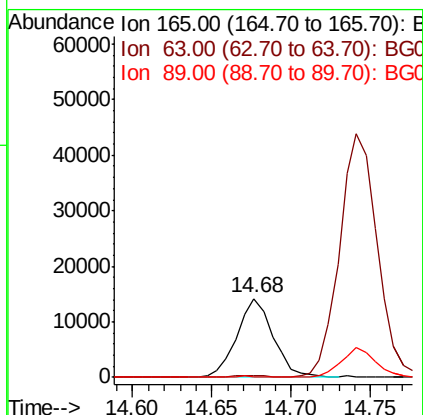
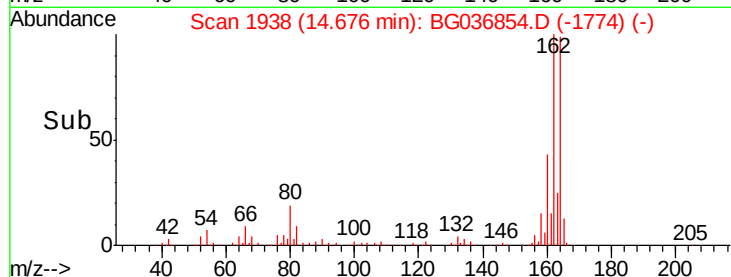
#50
 2,6-Dinitrotoluene
 Concen: 7.257 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.43 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:165 Resp: 22508
 Ion Ratio Lower Upper
 165 100
 63 2.1 50.1 75.1#
 89 0.0 47.8 71.6#

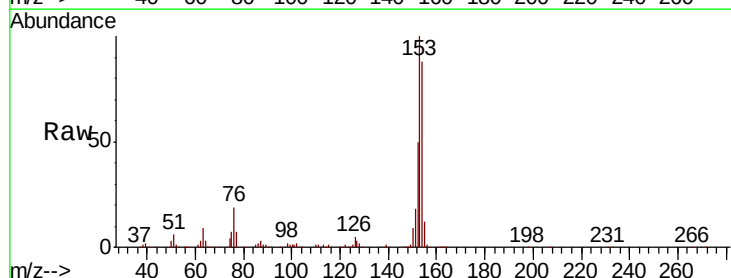


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

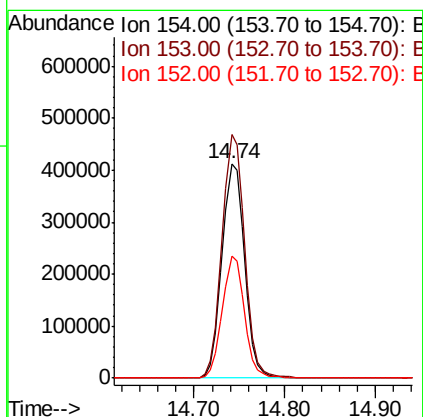
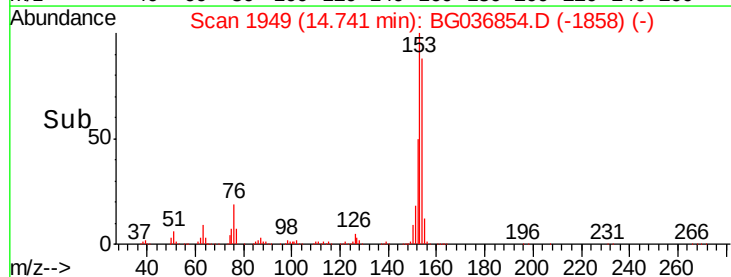


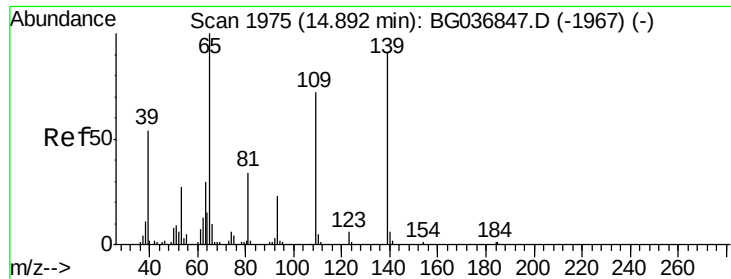
#51
 Acenaphthene
 Concen: 71.158 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:154 Resp: 716769
 Ion Ratio Lower Upper
 154 100
 153 113.4 91.8 137.6
 152 56.8 43.5 65.3



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

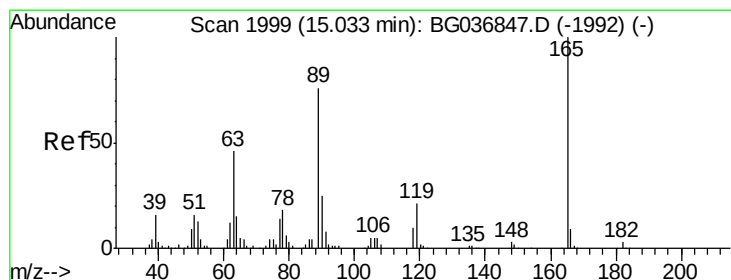
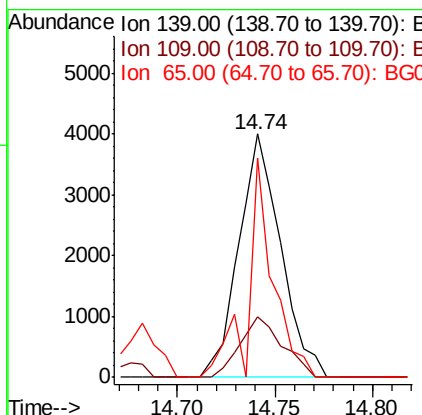
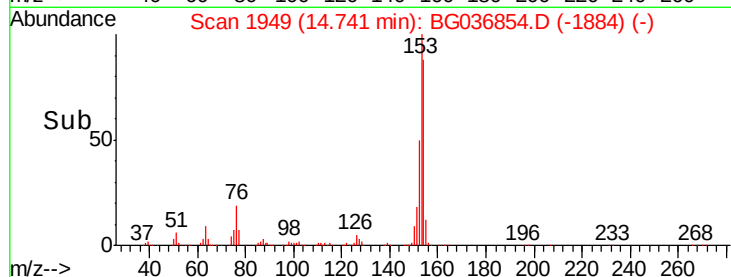
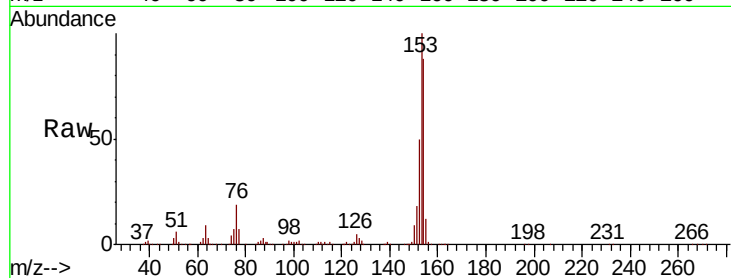




#55
4-Nitrophenol
Concen: 2.847 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.15 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

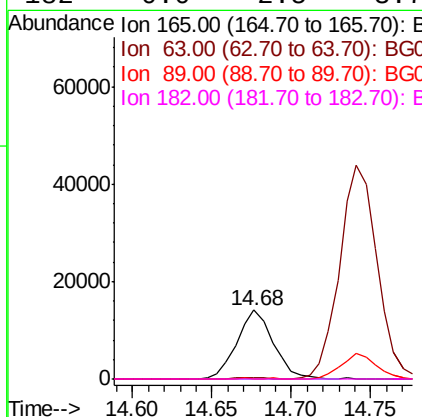
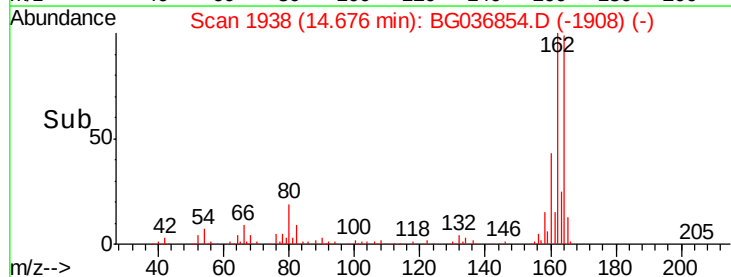
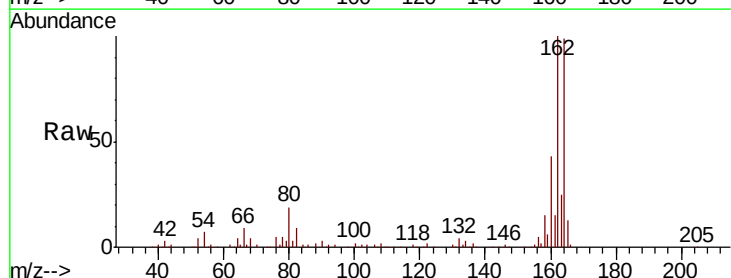
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

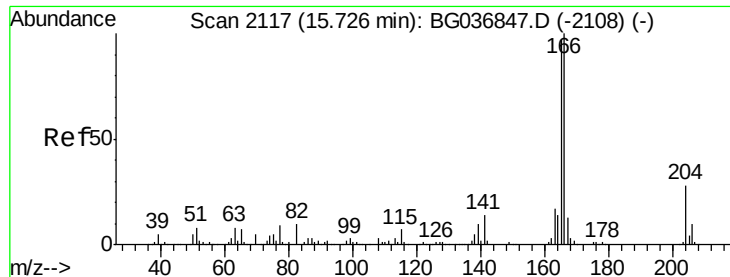
Tot Ion:139 Resp: 5944
Ion Ratio Lower Upper
139 100
109 25.1 63.9 103.9#
65 90.2 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 5.201 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion:165 Resp: 22508
Ion Ratio Lower Upper
165 100
63 2.1 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

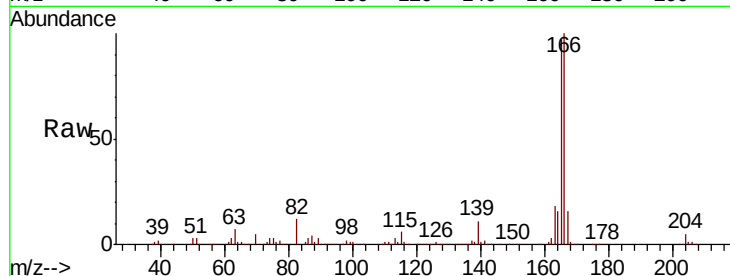




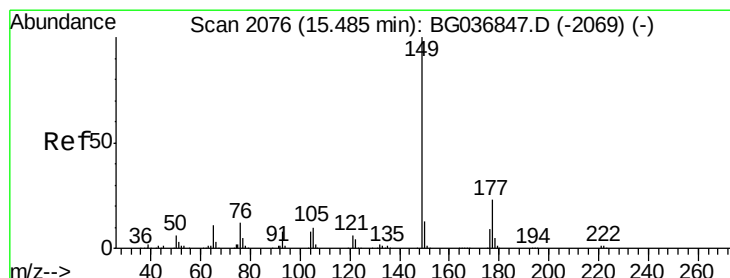
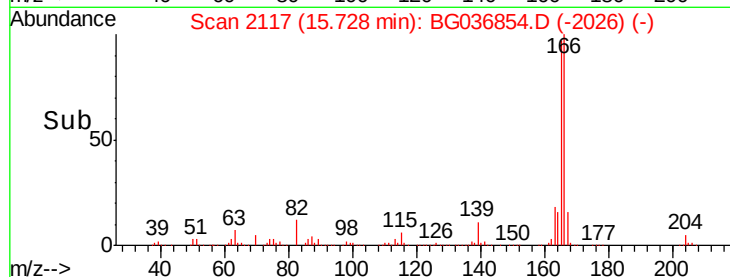
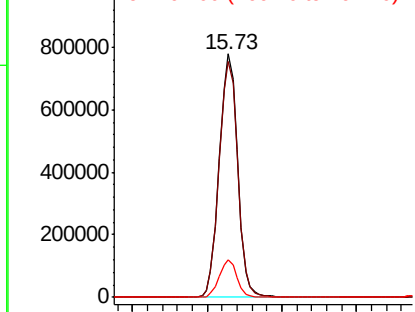
#57
 Fluorene
 Concen: 104.963 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleID :
 PT-BN-WP

Tot Ion:166 Resp: 1336687
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.0 115.4
 167 15.7 10.6 16.0

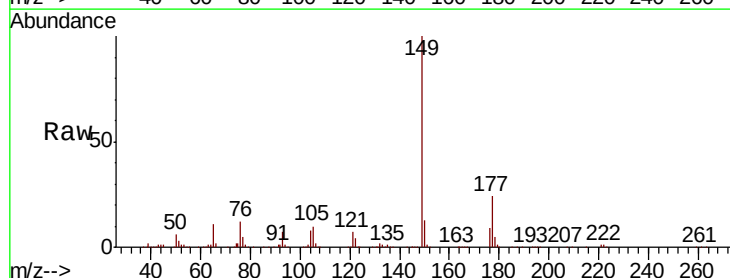


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

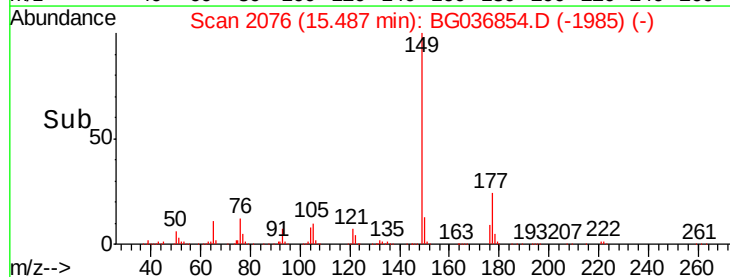
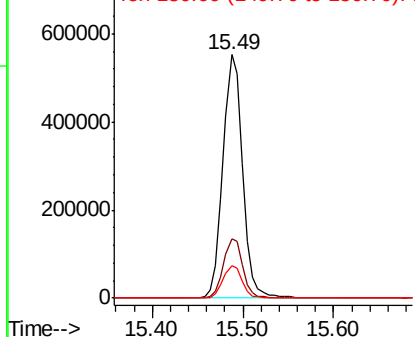


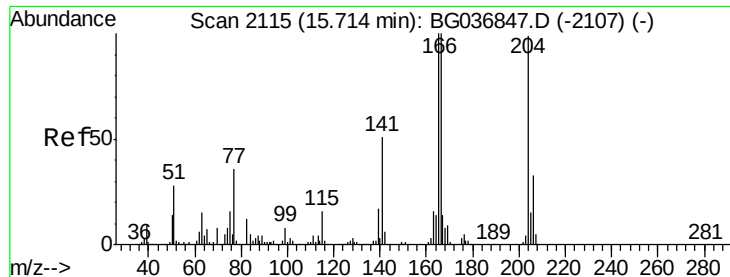
#59
 Diethylphthalate
 Concen: 57.617 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:149 Resp: 826051
 Ion Ratio Lower Upper
 149 100
 177 24.5 19.1 28.7
 150 13.4 10.7 16.1



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

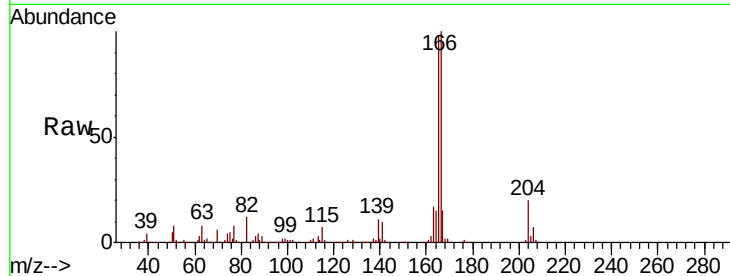




#60
4-Chlorophenyl-phenylether
Concen: 16.873 ng
RT: 15.72 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.0	40.4
141	50.0	43.8	65.6

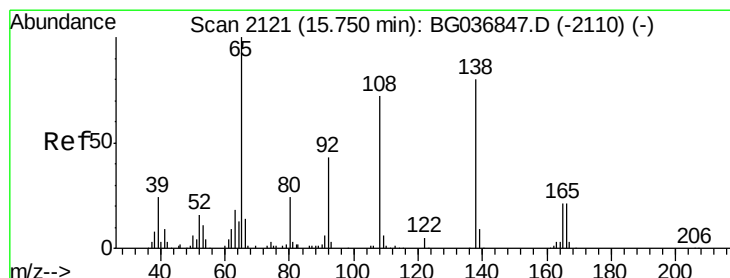
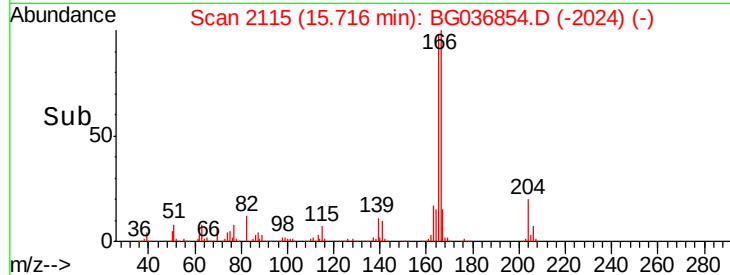
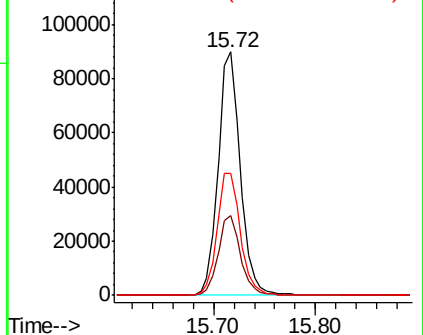


Abundance

Ion 204.00 (203.70 to 204.70): E

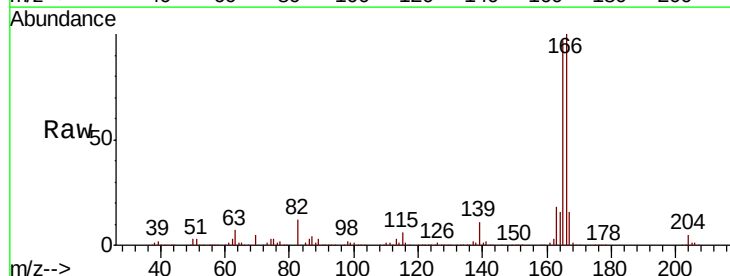
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 5.373 ng
RT: 15.73 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	2.3	38.5	78.5#
108	3.2	70.3	110.3#

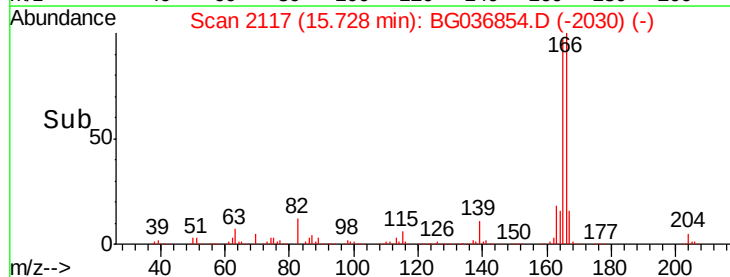
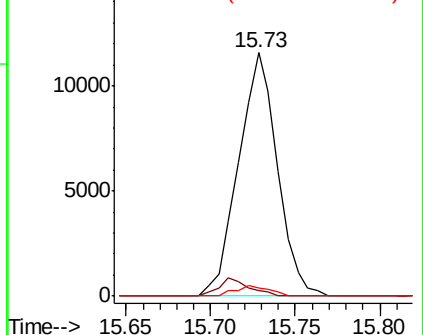


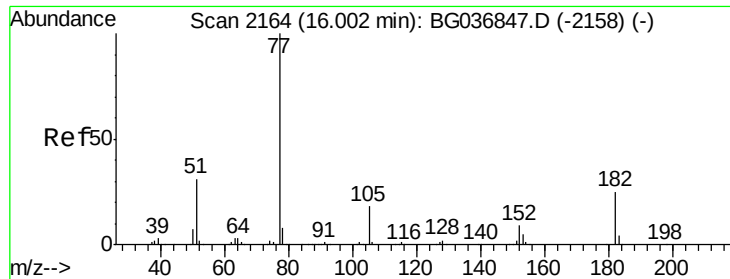
Abundance

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





#62

Azobenzene

Concen: 4.067 ng

RT: 15.72 min Scan# 2115

Delta R.T. -0.29 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

Tot Ion: 77 Resp: 56021

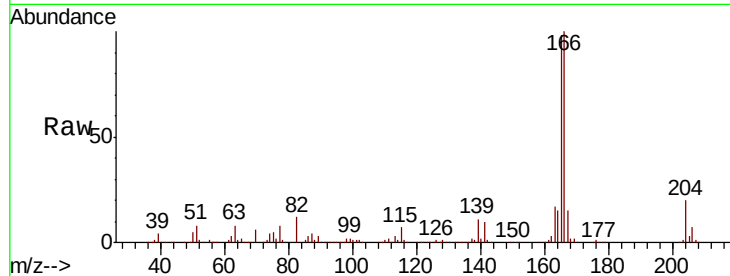
Ion Ratio Lower Upper

77 100

182 0.0 6.7 46.7#

105 0.0 0.0 39.8

51 99.8 12.4 52.4#

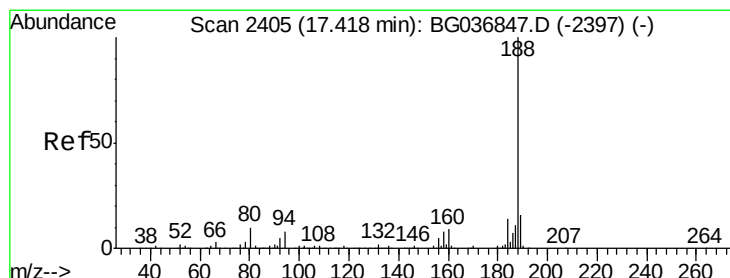
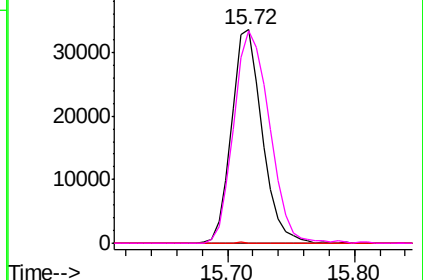
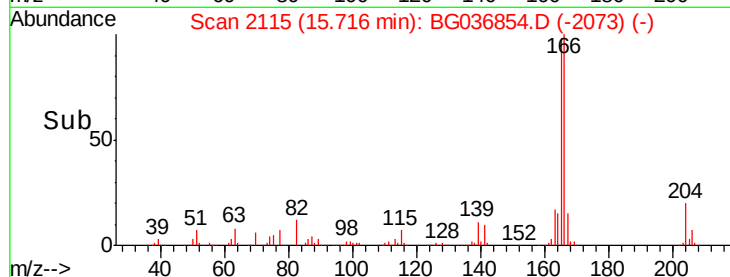


Abundance Ion 77.00 (76.70 to 77.70): BGC

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2406

Delta R.T. 0.01 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

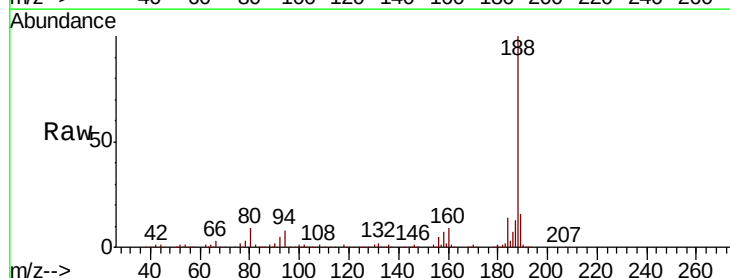
Tgt Ion: 188 Resp: 450963

Ion Ratio Lower Upper

188 100

94 7.7 6.7 10.1

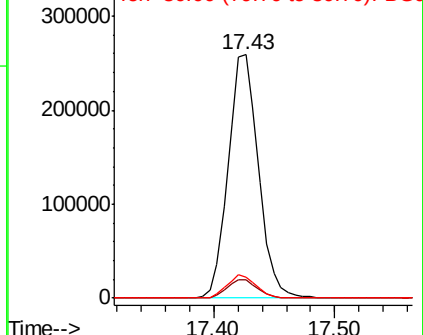
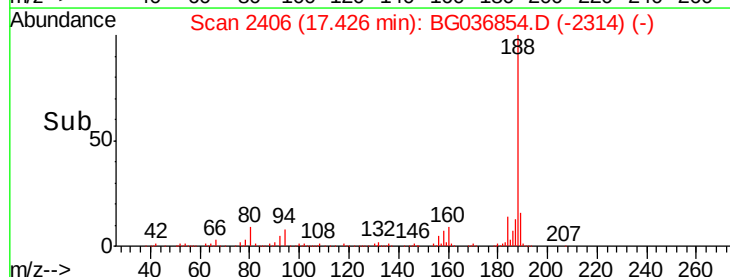
80 8.8 8.1 12.1

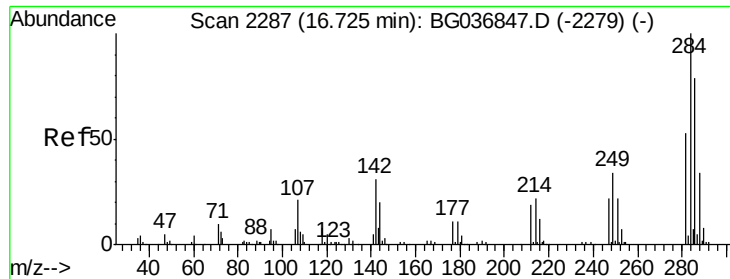


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

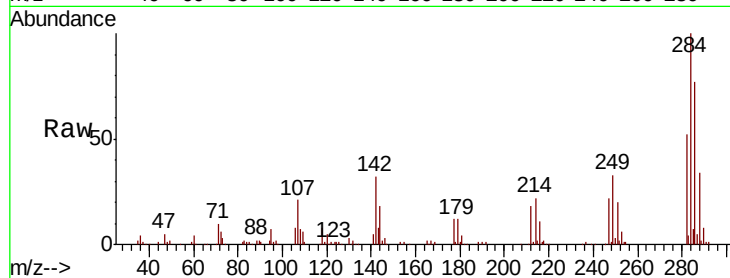




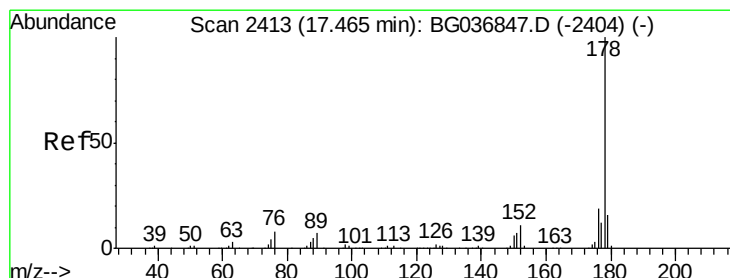
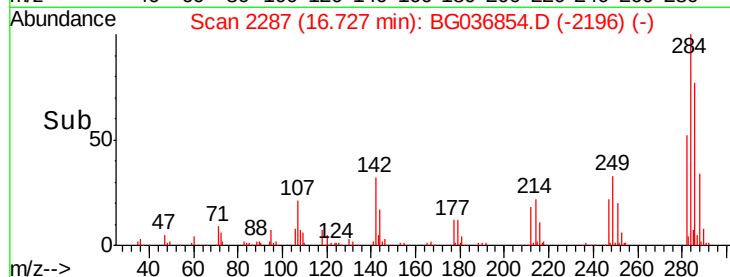
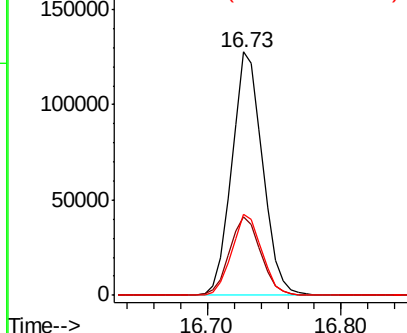
#67
Hexachlorobenzene
Concen: 38.724 ng
RT: 16.73 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

Tot Ion:284 Resp: 204579
Ion Ratio Lower Upper
284 100
142 32.2 27.8 41.6
249 33.1 27.4 41.2

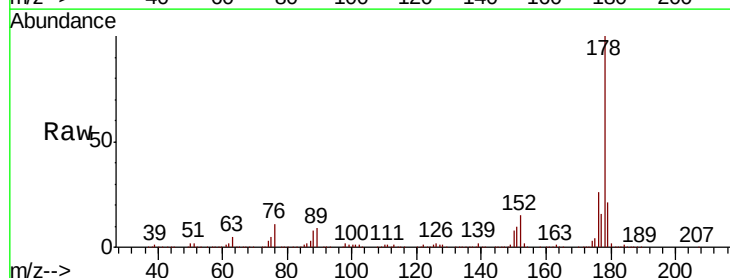


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

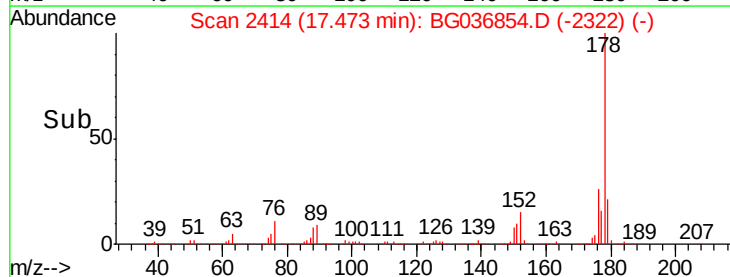
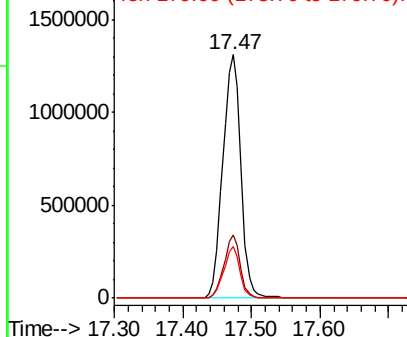


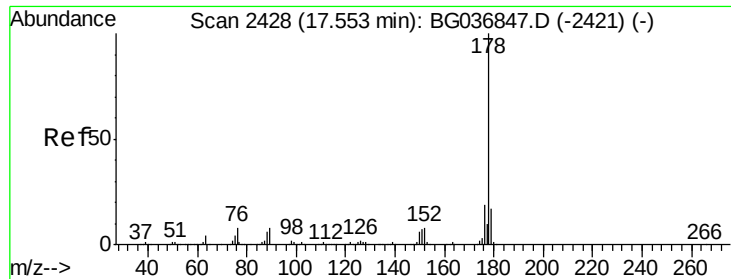
#70
Phenanthrene
Concen: 110.274 ng
RT: 17.47 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion:178 Resp: 2396440
Ion Ratio Lower Upper
178 100
176 25.9 15.4 23.2#
179 21.3 13.4 20.2#



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





#71

Anthracene

Concen: 111.522 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.08 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

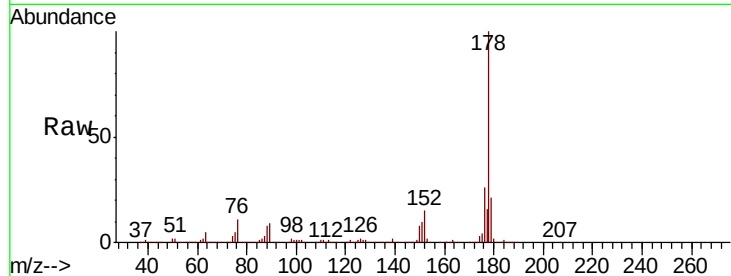
Tot Ion:178 Resp: 2396440

Ion Ratio Lower Upper

178 100

176 25.9 15.4 23.2#

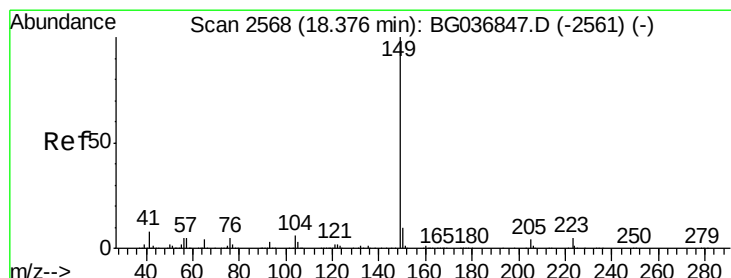
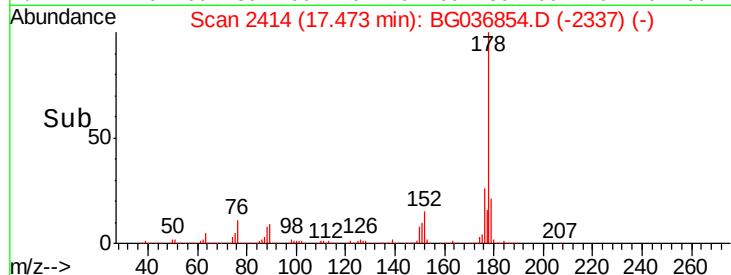
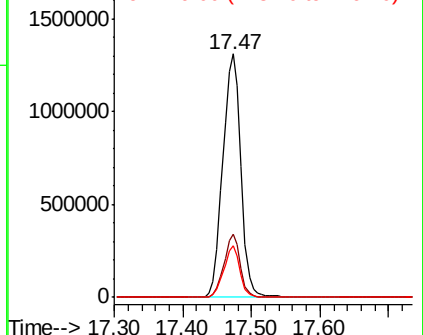
179 21.3 13.0 19.4#



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

Di-n-butylphthalate

Concen: 90.987 ng

RT: 18.38 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

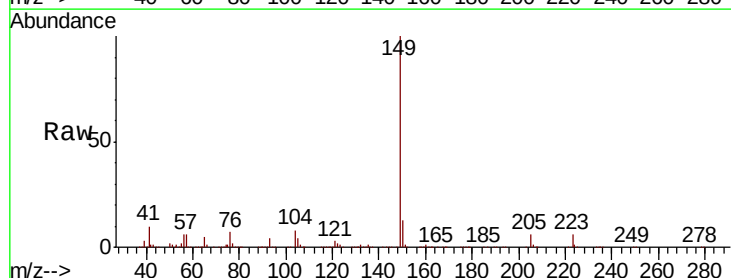
Tgt Ion:149 Resp: 2117016

Ion Ratio Lower Upper

149 100

150 12.7 8.1 12.1#

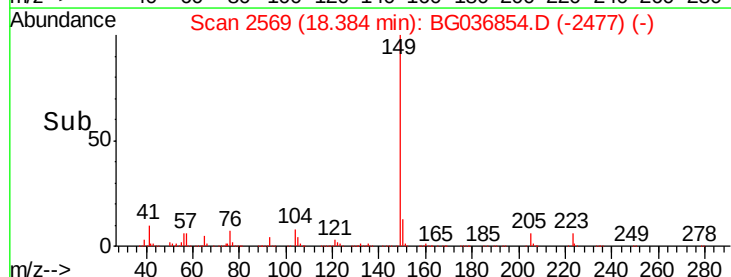
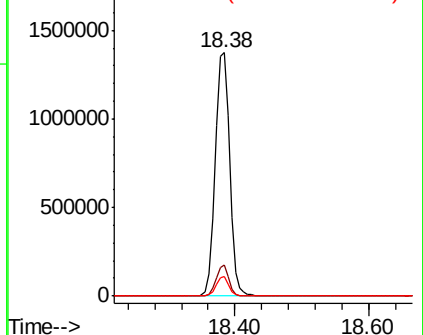
104 7.9 4.6 6.8#

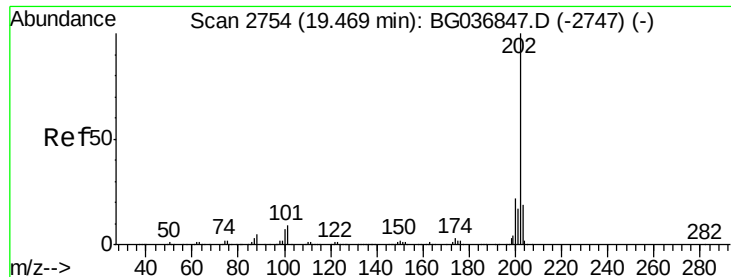


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 73.735 ng

RT: 19.84 min Scan# 2816

Delta R.T. 0.37 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

BNA_G

ClientSampleId :

PT-BN-WP

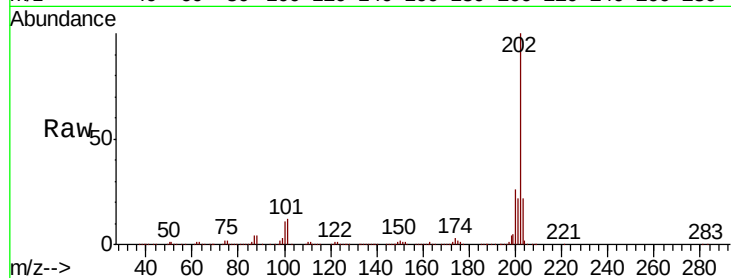
Tot Ion:202 Resp: 1928815

Ion Ratio Lower Upper

202 100

101 12.3 0.0 29.4

203 21.7 0.0 38.9

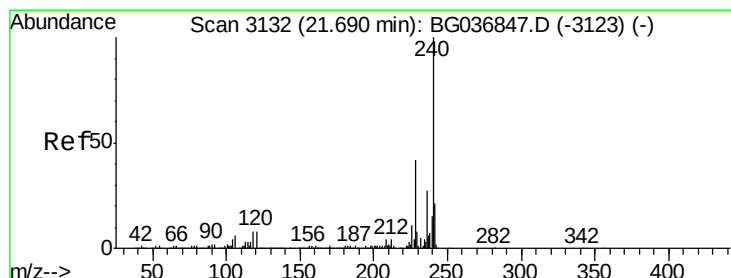
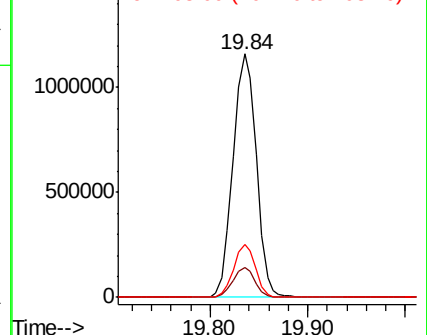
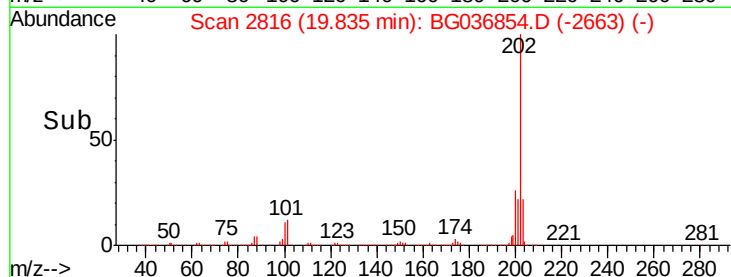


Abundance

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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

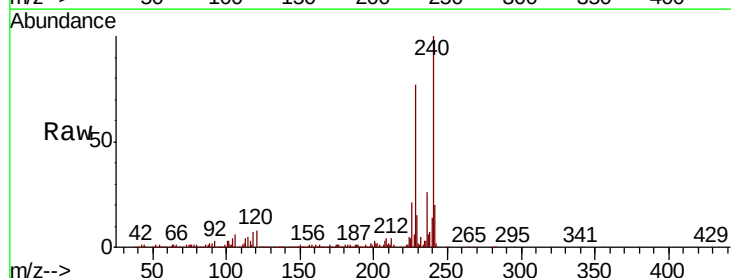
Tgt Ion:240 Resp: 430692

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

236 26.3 21.2 31.8

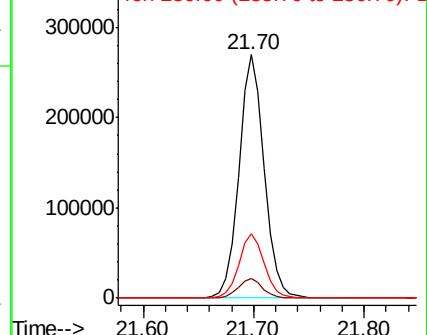
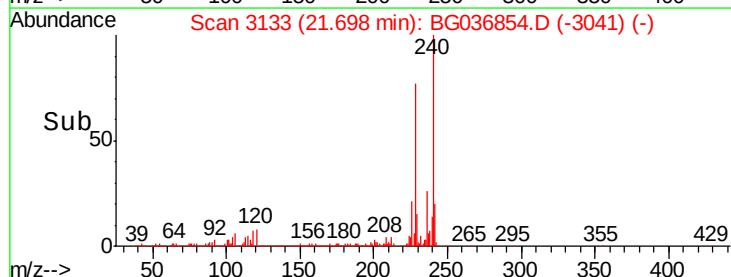


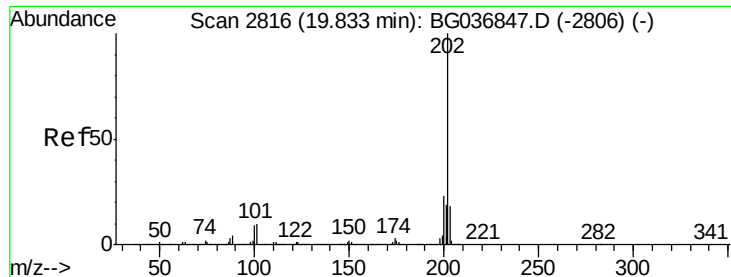
Abundance

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

Pvrene

Concen: 74.630 ng

RT: 19.84 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

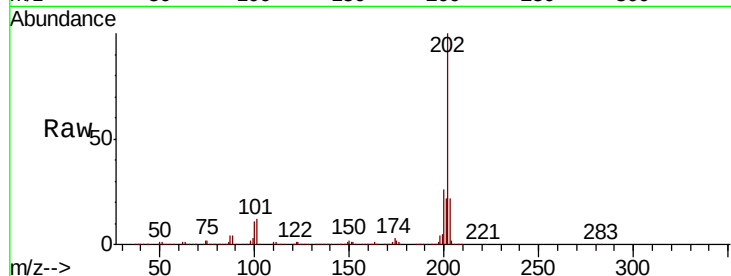
BNA_G

ClientSampleId :

PT-BN-WP

Tot Ion:202 Resp: 1928815

Ion	Ratio	Lower	Upper
202	100		
200	26.1	18.3	27.5
203	21.7	15.1	22.7

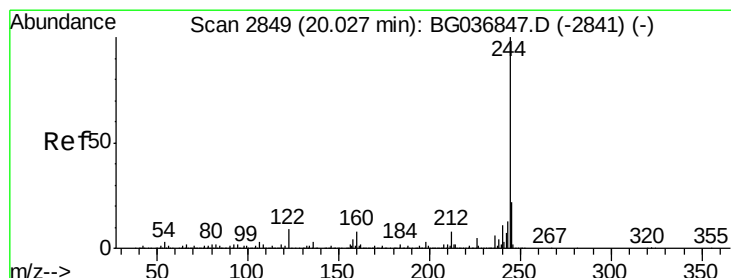
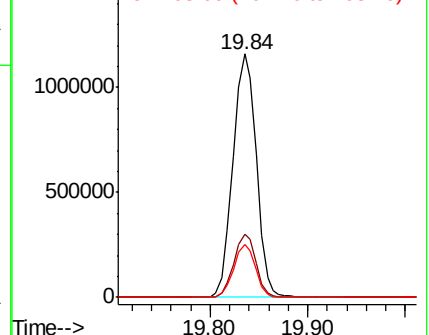
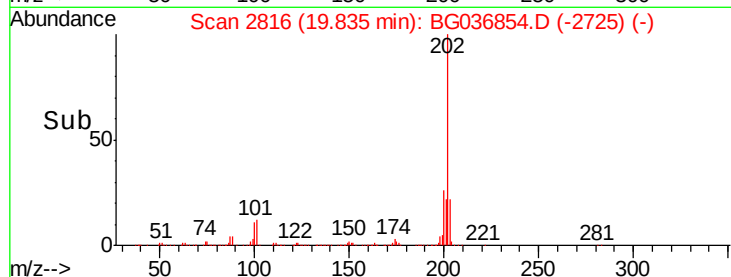


Abundance

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



#78

Terphenyl-d14

Concen: 84.382 ng

RT: 20.03 min Scan# 2849

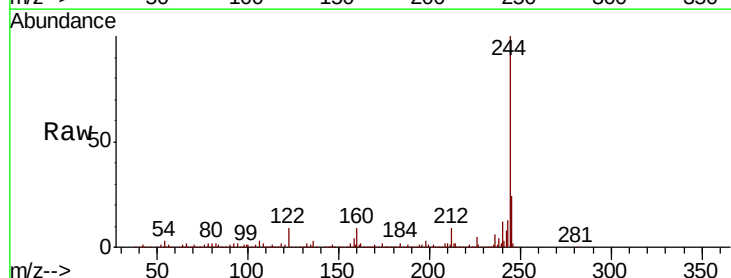
Delta R.T. 0.00 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Tgt Ion:244 Resp: 1382122

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.3	7.1	10.7

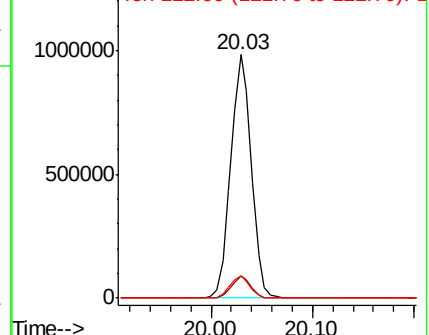
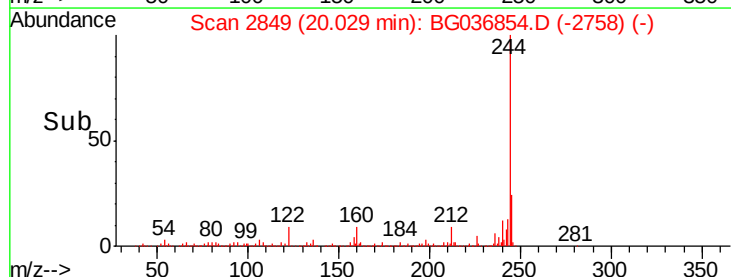


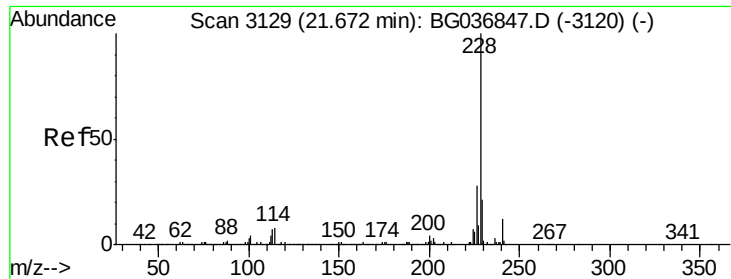
Abundance

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

Benzo(a)anthracene

Concen: 76.930 ng

RT: 21.68 min Scan# 3130

Delta R.T. 0.01 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Instrument :

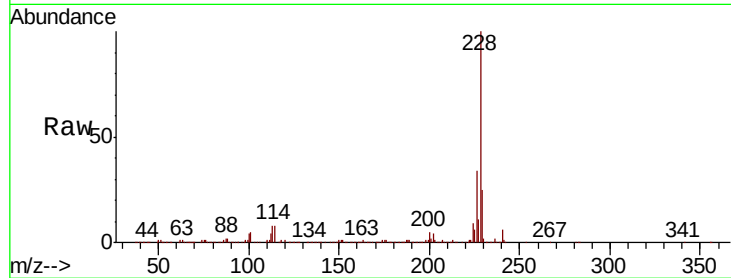
BNA_G

ClientSampleId :

PT-BN-WP

Tot Ion:228 Resp: 1934123

Ion	Ratio	Lower	Upper
228	100		
226	33.8	23.4	35.2
229	24.6	17.1	25.7

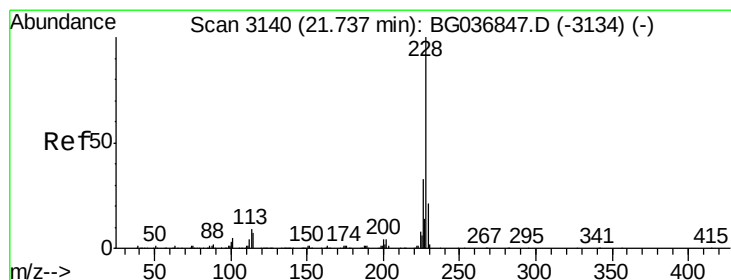
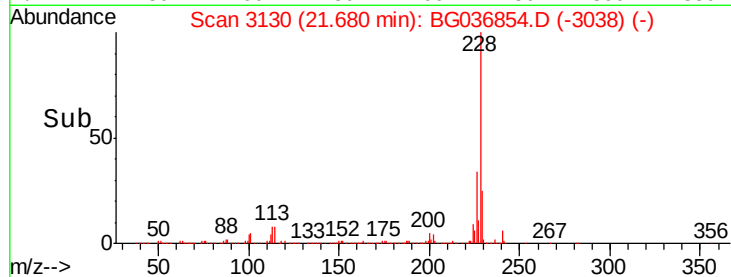
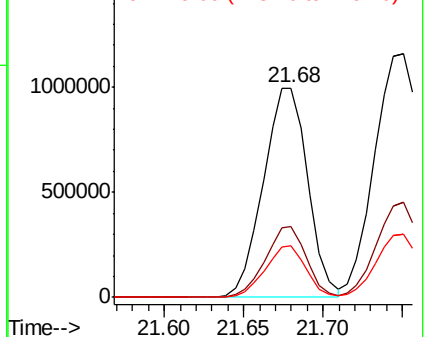


Abundance

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



#82

Chrysene

Concen: 79.621 ng

RT: 21.68 min Scan# 3130

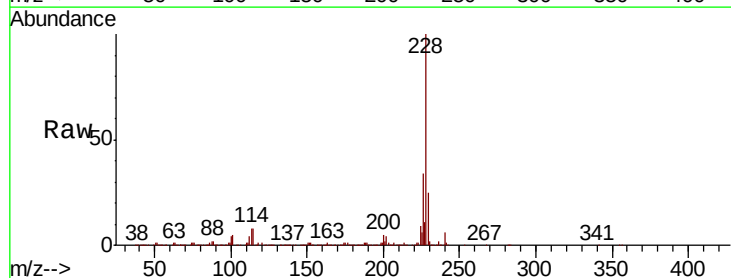
Delta R.T. -0.06 min

Lab File: BG036854.D

Acq: 21 Sep 2018 11:23

Tgt Ion:228 Resp: 1934123

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.5	38.3
229	24.6	16.9	25.3

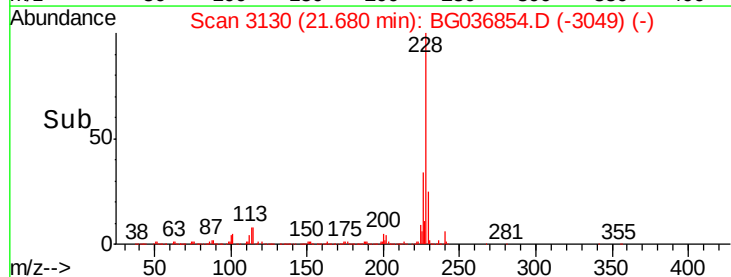
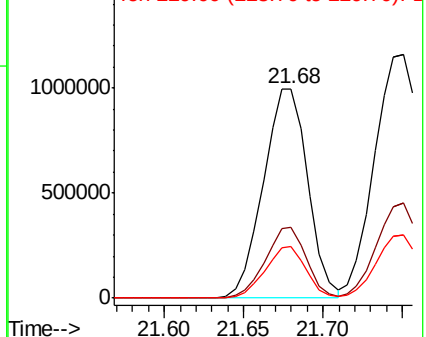


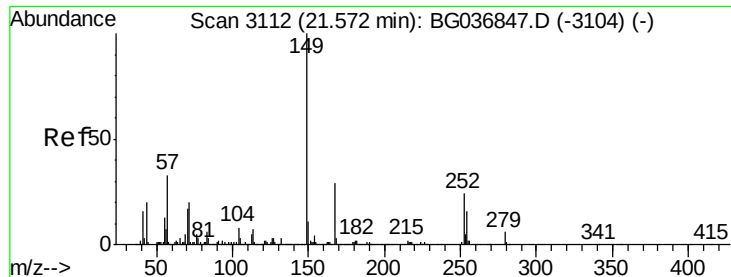
Abundance

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

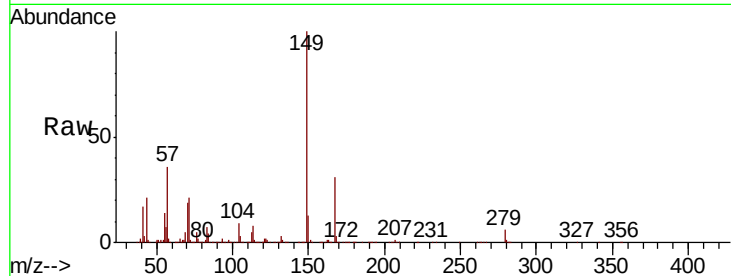




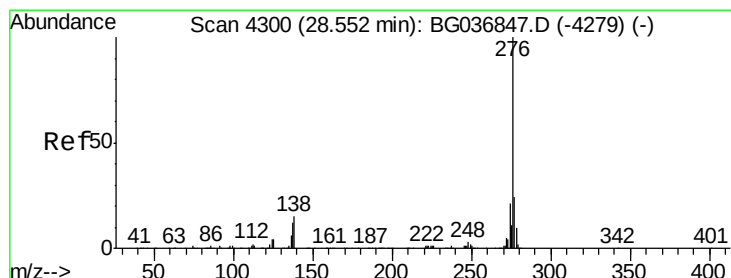
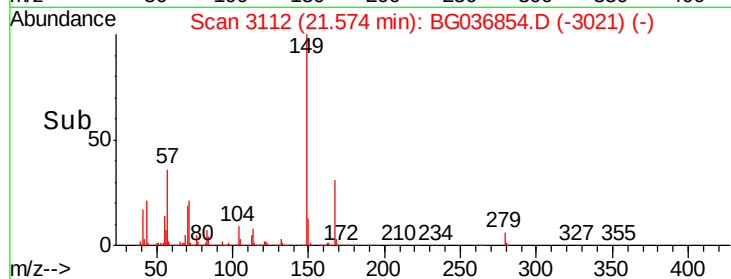
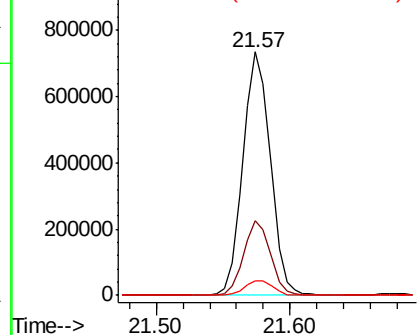
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 72.697 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:149 Resp: 1046196
 Ion Ratio Lower Upper
 149 100
 167 30.9 23.4 35.0
 279 6.2 4.6 7.0

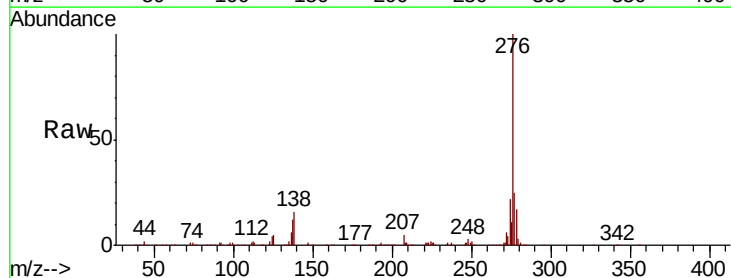


Abundance Ion 149.00 (148.70 to 149.70): E
 1000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

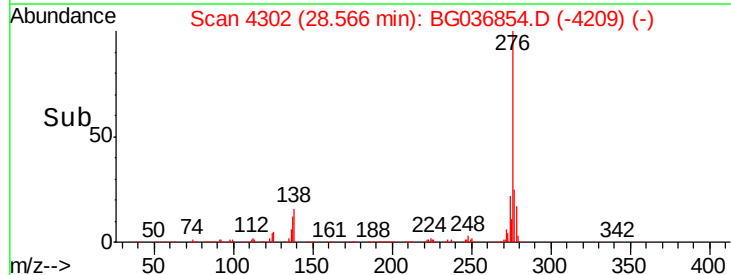
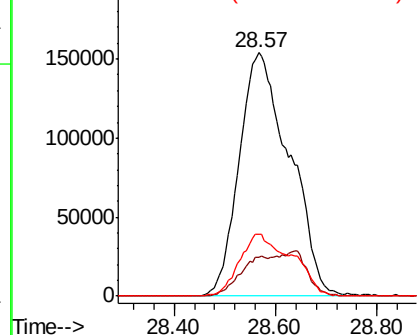


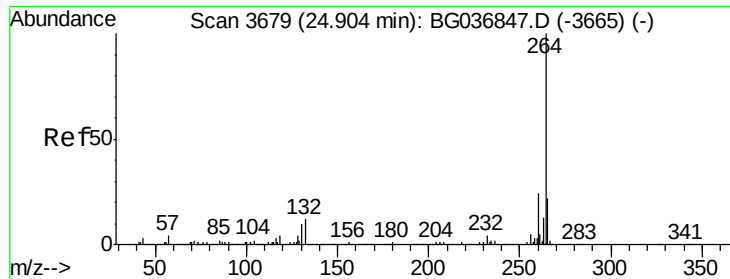
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.630 ng
 RT: 28.57 min Scan# 4302
 Delta R.T. 0.01 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Tgt Ion:276 Resp: 1059863
 Ion Ratio Lower Upper
 276 100
 138 8.9 10.6 15.8#
 277 26.6 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
 200000 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

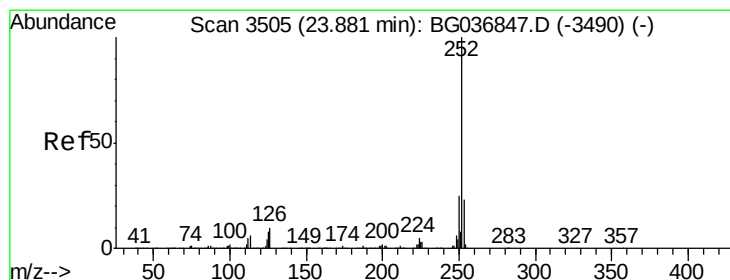
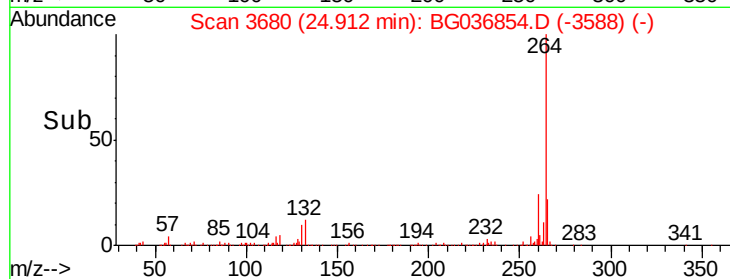
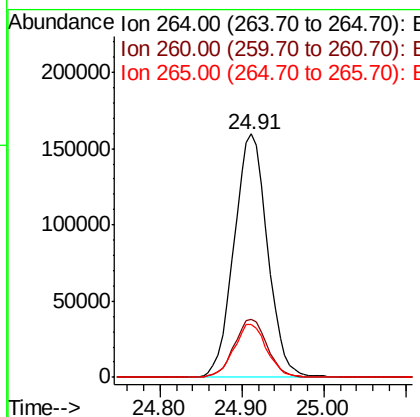
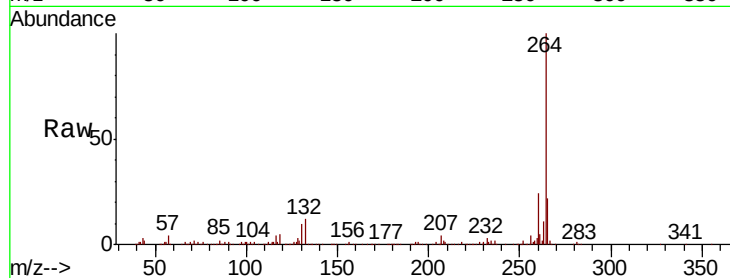




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. 0.01 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

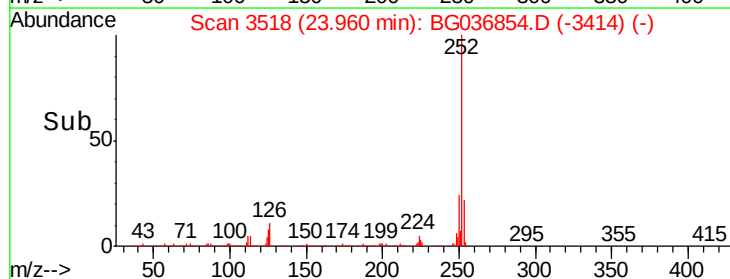
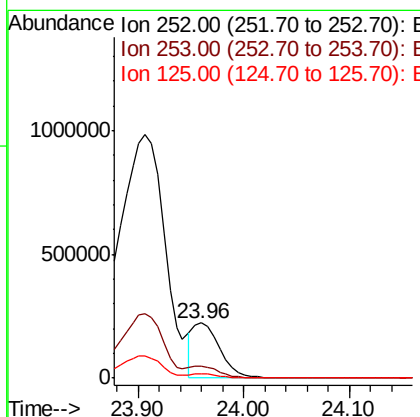
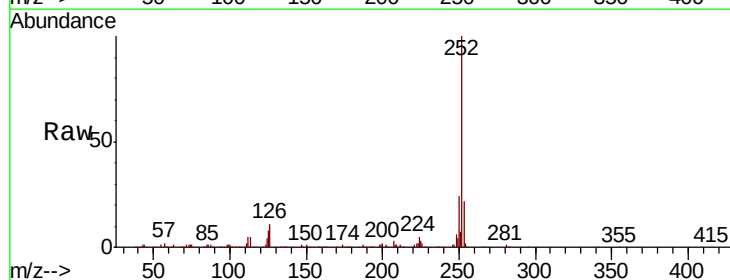
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

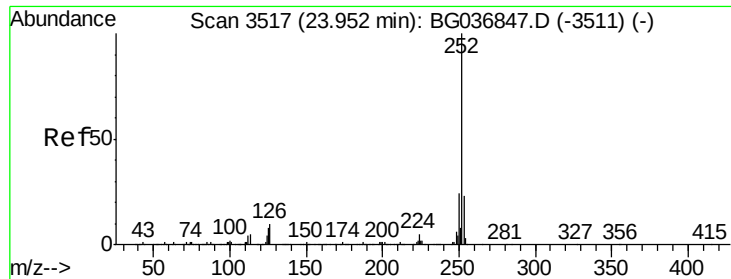
Tot Ion:264 Resp: 453912
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.6 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 15.951 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.08 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion:252 Resp: 385847
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 8.2 6.6 10.0

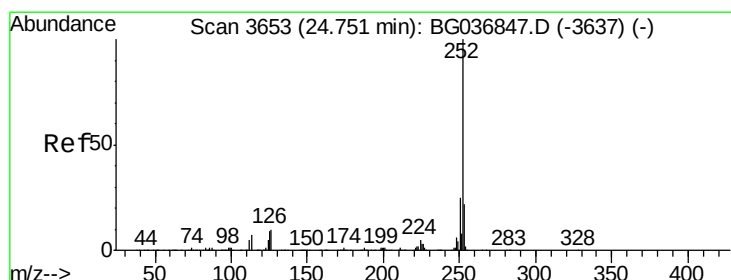
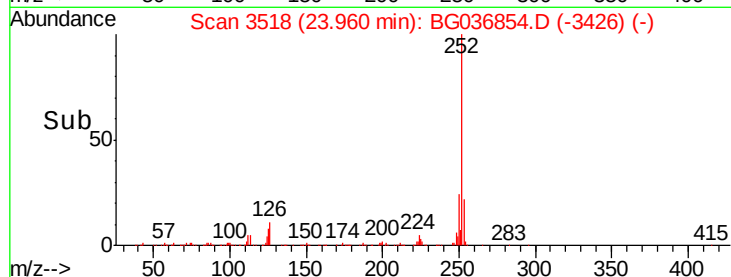
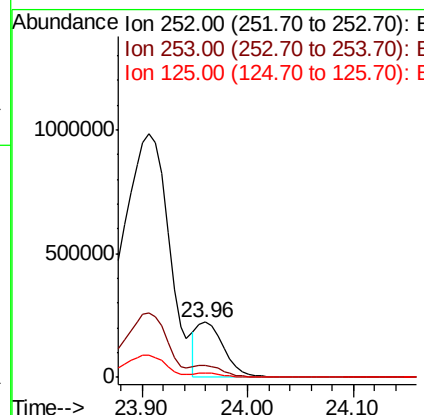
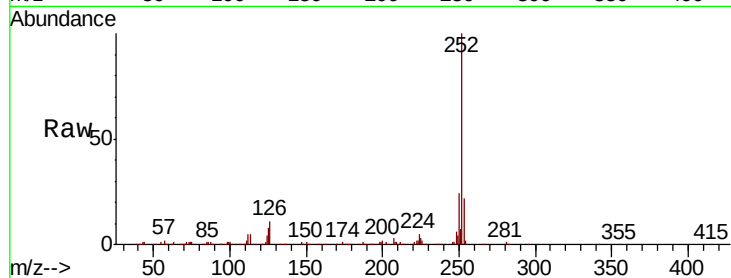




#88
Benzo(k)fluoranthene
Concen: 15.899 ng
RT: 23.96 min Scan# 3518
Delta R.T. 0.01 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

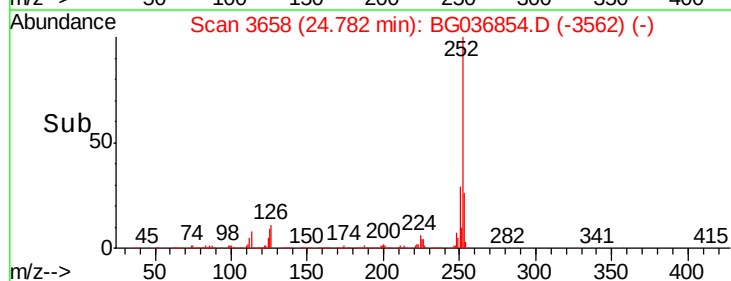
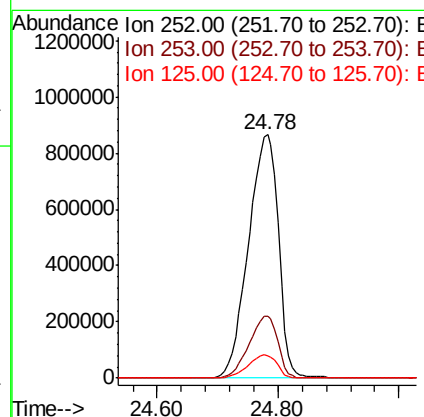
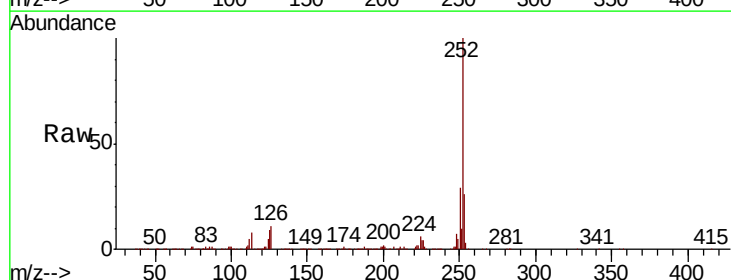
Instrument :
BNA_G
ClientSampleId :
PT-BN-WP

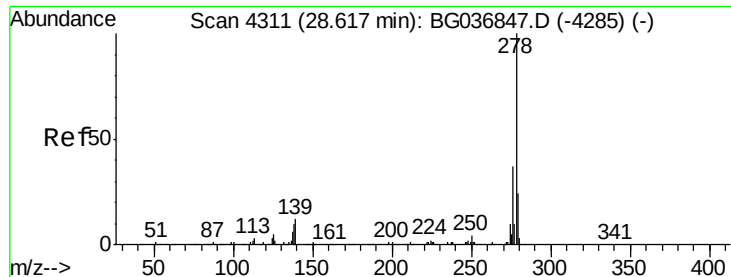
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.2	7.0	10.6



#89
Benzo(a)pyrene
Concen: 127.510 ng
RT: 24.78 min Scan# 3658
Delta R.T. 0.03 min
Lab File: BG036854.D
Acq: 21 Sep 2018 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	9.3	7.3	10.9





#90
 Dibenzo(a,h)anthracene
 Concen: 57.921 ng
 RT: 28.64 min Scan# 4314
 Delta R.T. 0.02 min
 Lab File: BG036854.D
 Acq: 21 Sep 2018 11:23

Instrument :
 BNA_G
 ClientSampleId :
 PT-BN-WP

Tot Ion:278 Resp: 1269515
 Ion Ratio Lower Upper
 278 100
 139 12.8 11.0 16.4
 279 24.8 18.7 28.1

