

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
 Data File : BG036893.D
 Acq On : 22 Sep 2018 14:14
 Operator : JU/SJ
 Sample : J5019-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 03:55:05 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

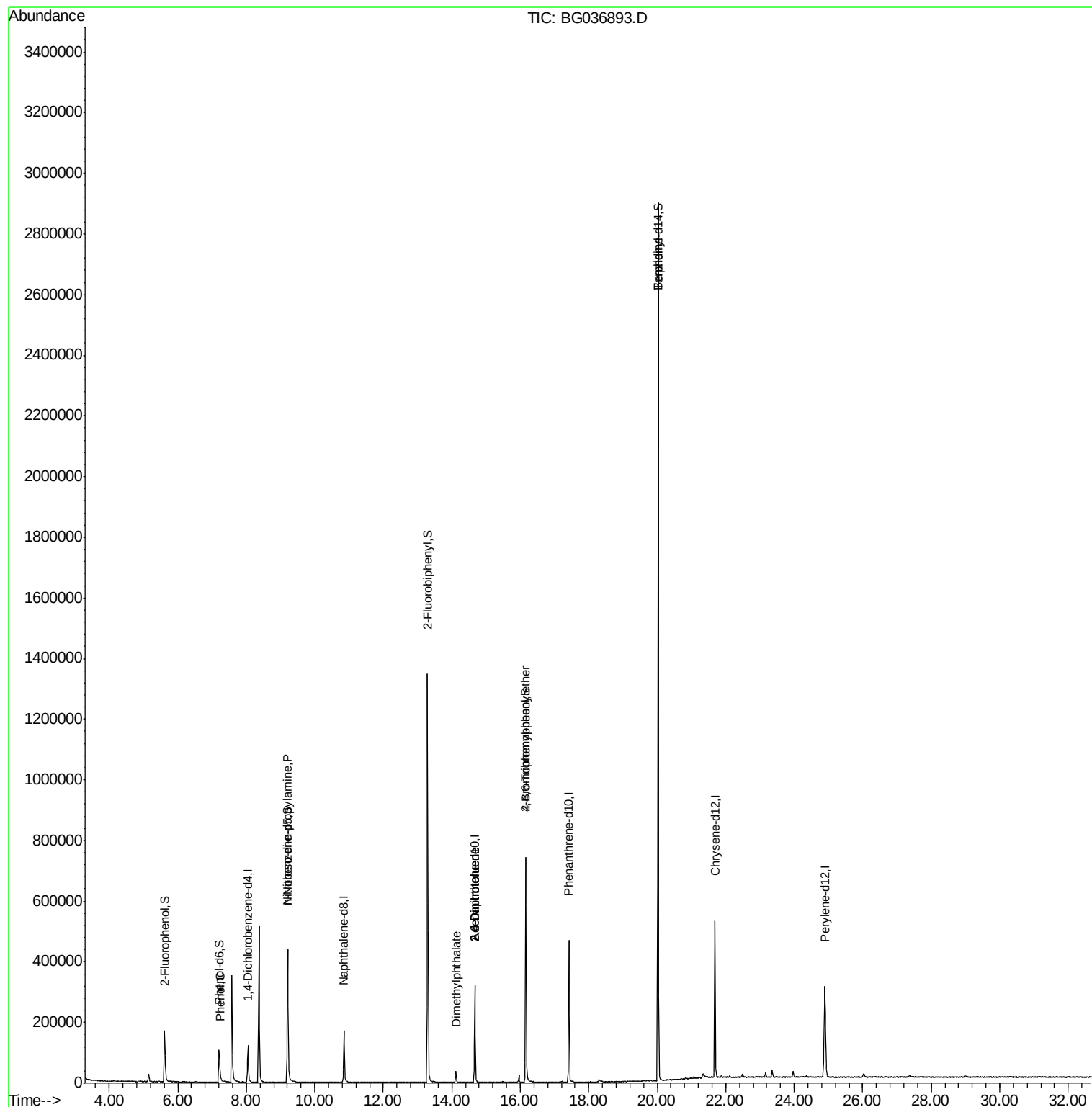
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39921	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	170216	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	118122	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	311731	20.00	ng	0.00
75) Chrysene-d12	21.68	240	331360	20.00	ng	0.00
86) Perylene-d12	24.89	264	328378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	91013	43.72	ng	0.00
7) Phenol-d6	7.21	99	81021	25.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	312662	98.37	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	150146	106.24	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	775119	97.73	ng	0.00
78) Terphenyl-d14	20.03	244	1391894	110.45	ng	0.00
Target Compounds						
10) Phenol	7.23	94	6967	2.096	ng	78
19) n-Nitroso-di-n-propylamine	9.21	70	40476	15.107	ng	# 70
49) Dimethylphthalate	14.12	163	29395	3.092	ng	98
50) 2,6-Dinitrotoluene	14.67	165	14937	7.200	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	14937	5.160	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	10154	2.864	ng	# 1
76) Benizidine	20.03	184	25076	2.503	ng	# 95

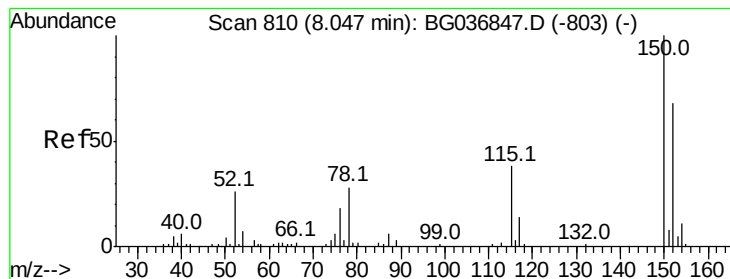
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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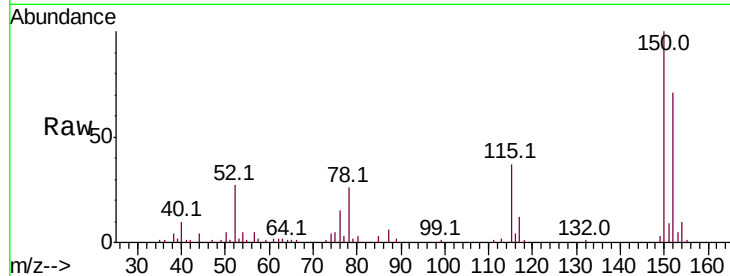


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.00 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	119.5	179.3
115	52.7	44.5	66.7

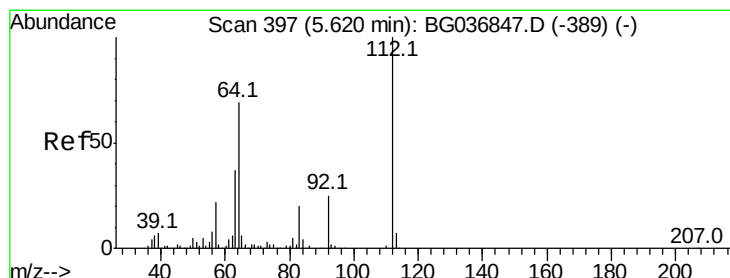
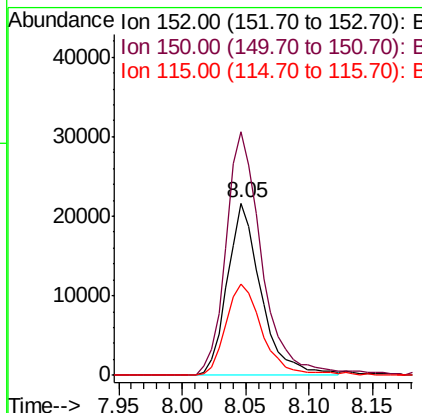
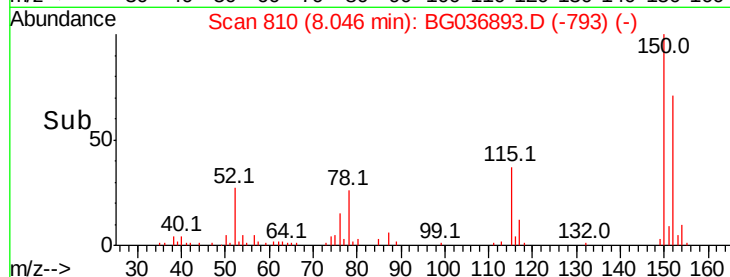


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

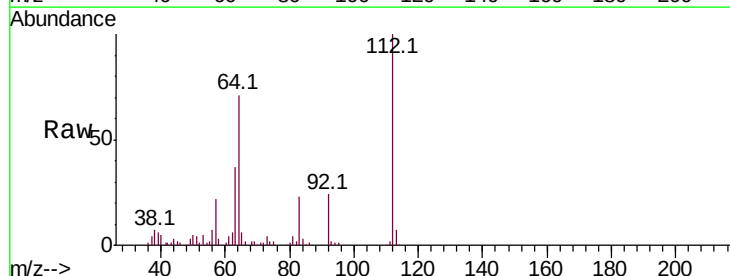
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 43.722 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	57.2	85.8
63	36.8	30.8	46.2

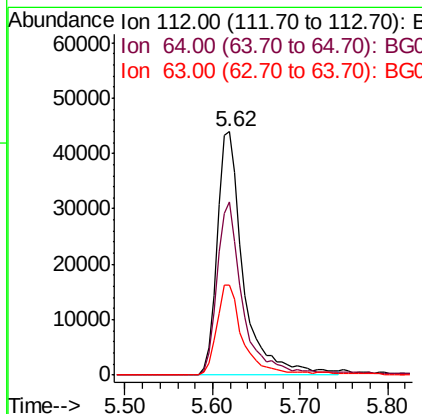
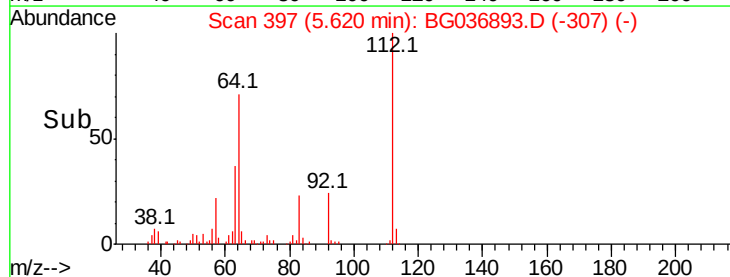


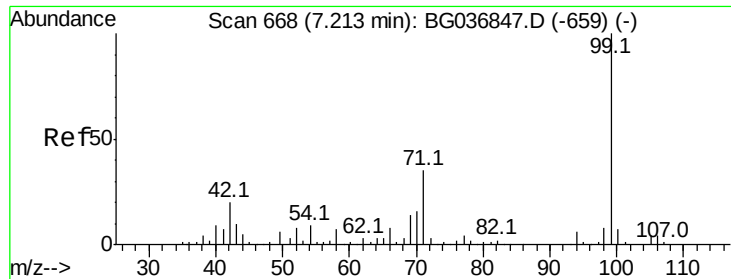
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 25.157 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

Instrument :

BNA_G

ClientSampled :

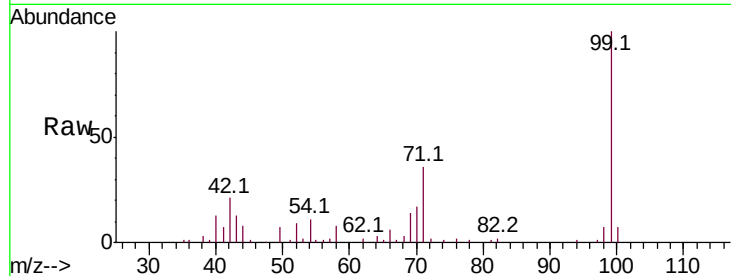
Tot Ion: 99 Resp: 81021

Ion Ratio Lower Upper

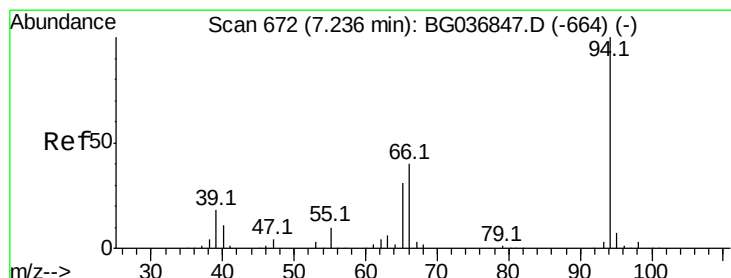
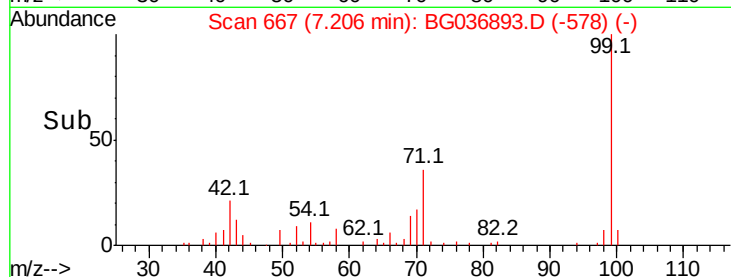
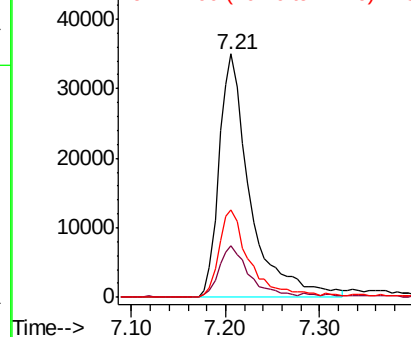
99 100

42 21.3 16.5 24.7

71 36.1 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



#10

Phenol

Concen: 2.096 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

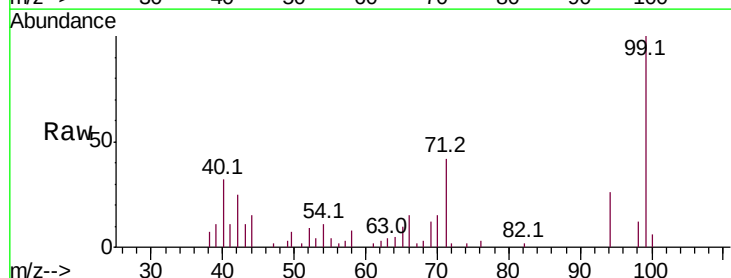
Tgt Ion: 94 Resp: 6967

Ion Ratio Lower Upper

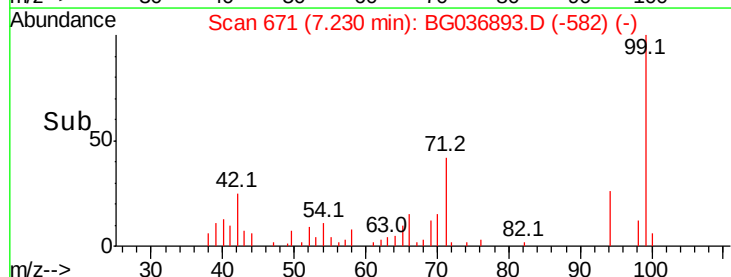
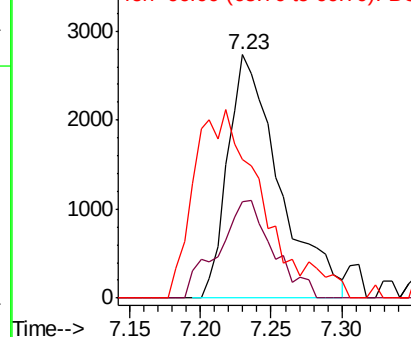
94 100

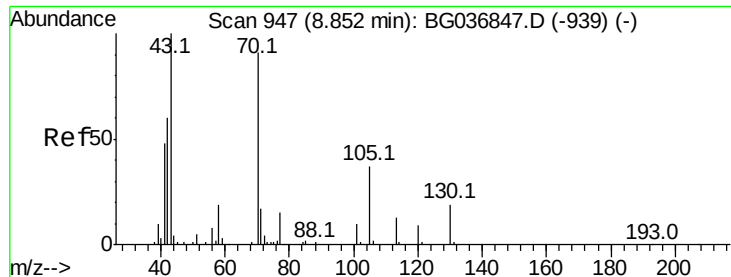
65 39.4 11.5 51.5

66 56.9 19.5 59.5



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

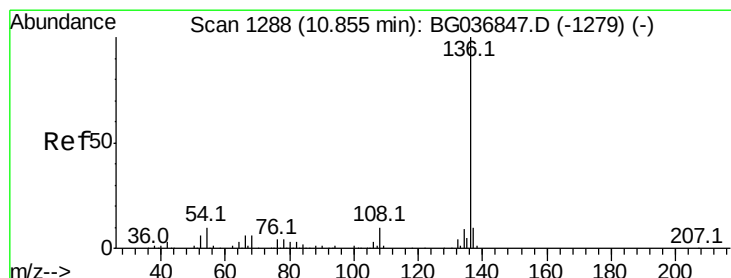
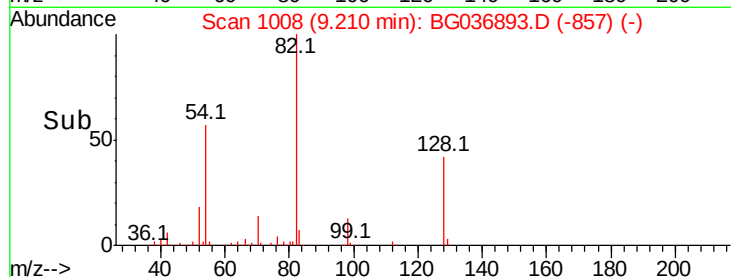
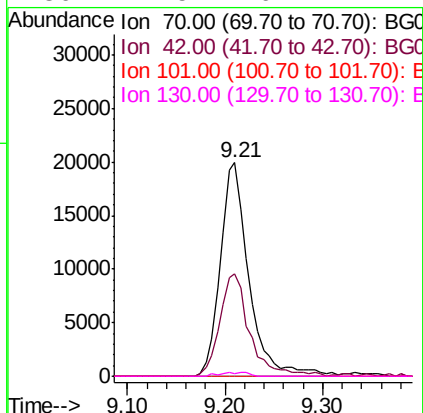
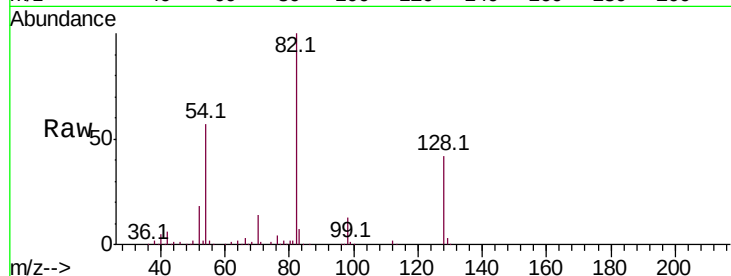




#19
n-Nitroso-di-n-propylamine
Concen: 15.107 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

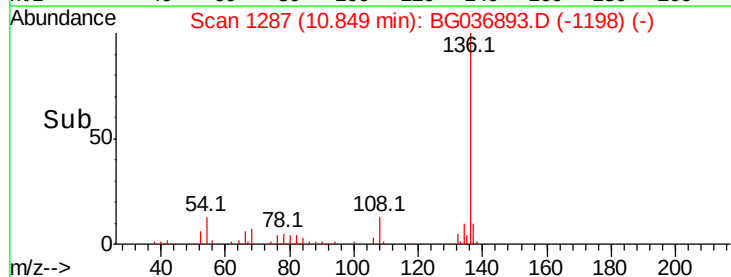
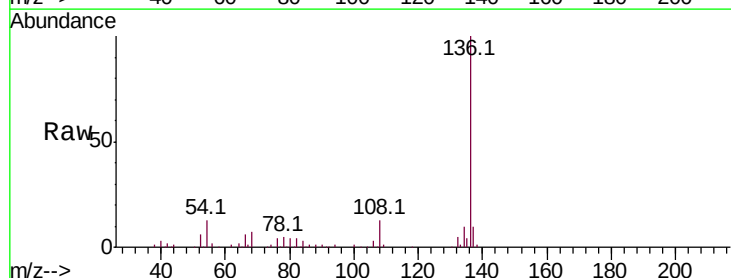
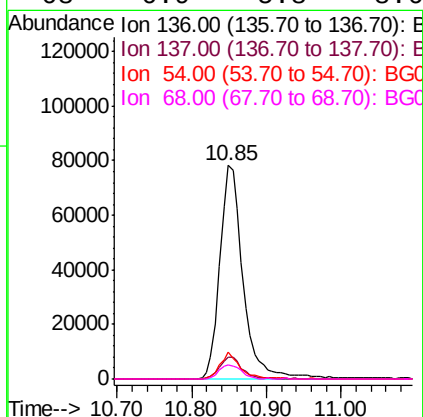
Instrument :
BNA_G
ClientSampleId :

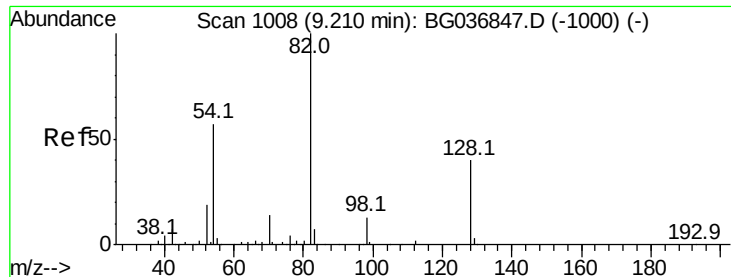
Tot Ion: 70 Resp: 40476
Ion Ratio Lower Upper
70 100
42 47.8 56.2 84.4#
101 0.0 7.8 11.6#
130 1.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Tgt Ion:136 Resp: 170216
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 12.6 9.2 13.8
68 6.9 5.8 8.6

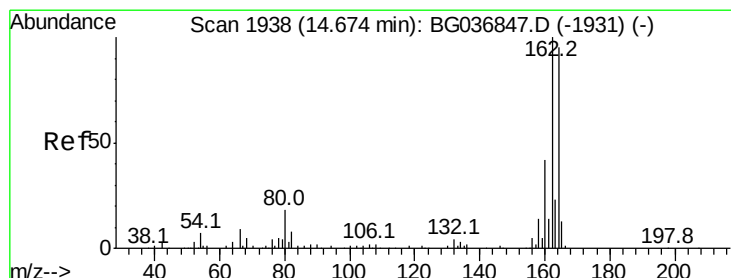
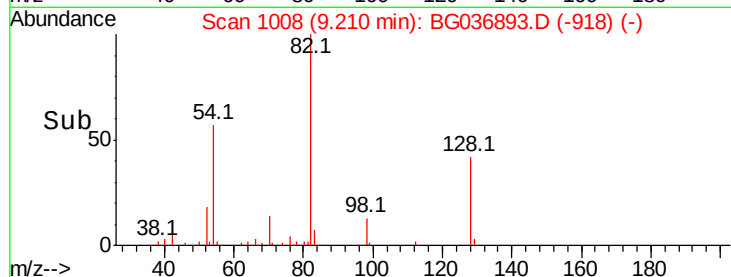
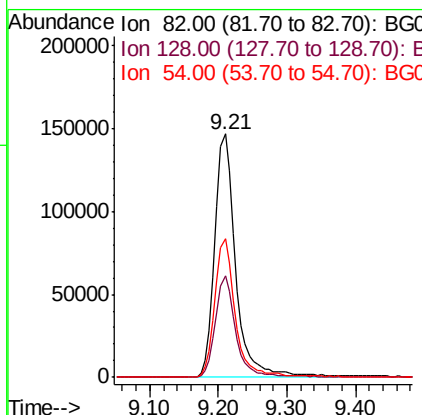
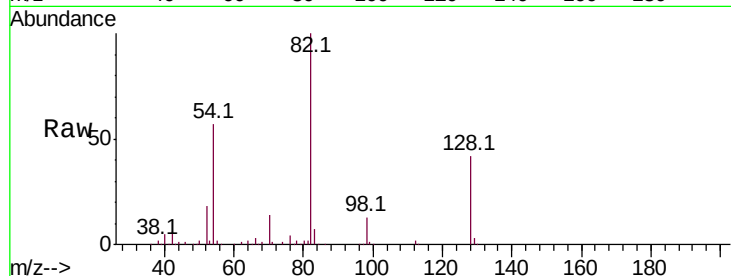




#23
Nitrobenzene-d5
Concen: 98.365 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

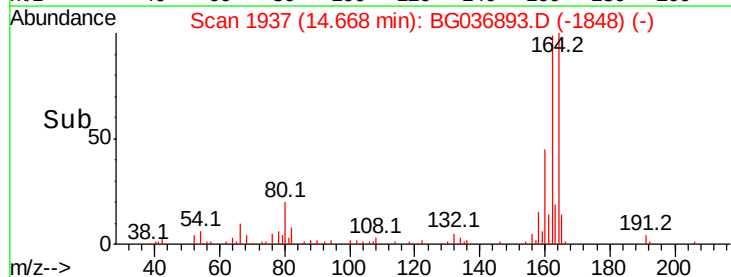
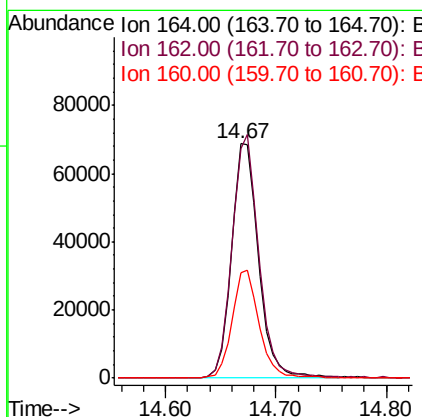
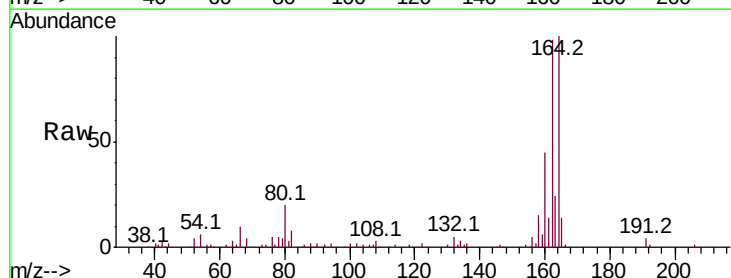
Instrument :
BNA_G
ClientSampleId :

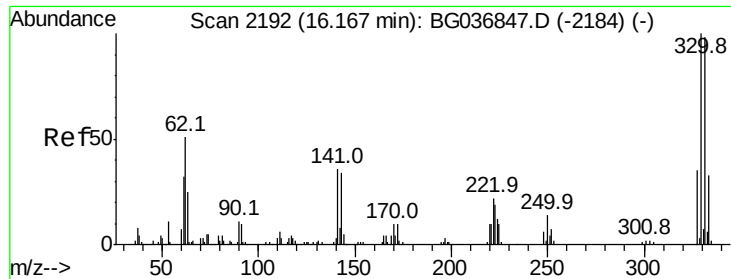
Tot Ion	82	Resp	312662
Ion Ratio	Lower	Upper	
82	100		
128	41.8	33.3	49.9
54	56.8	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Tgt Ion	164	Resp	118122
Ion Ratio	Lower	Upper	
164	100		
162	98.1	80.7	121.1
160	45.2	35.3	52.9

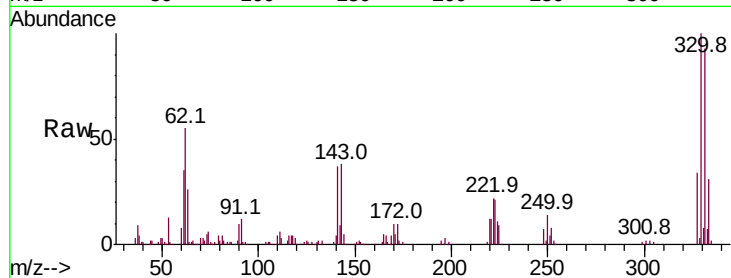




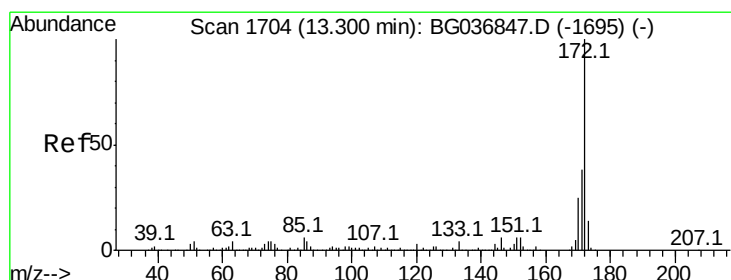
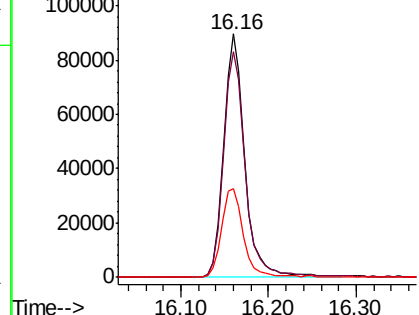
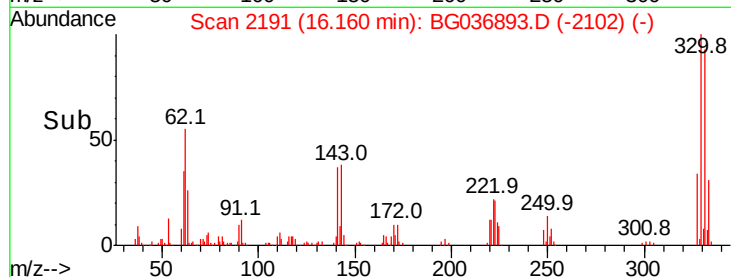
#41
 2,4,6-Tribromophenol
 Concen: 106.241 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.4	113.2
141	37.7	30.7	46.1

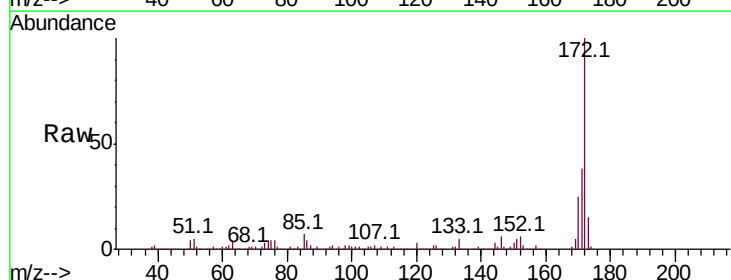


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

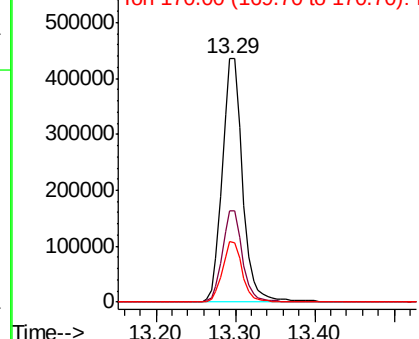
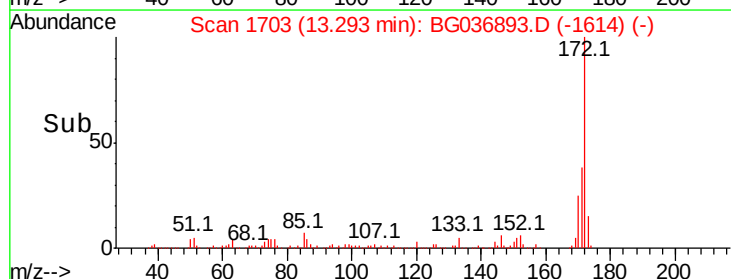


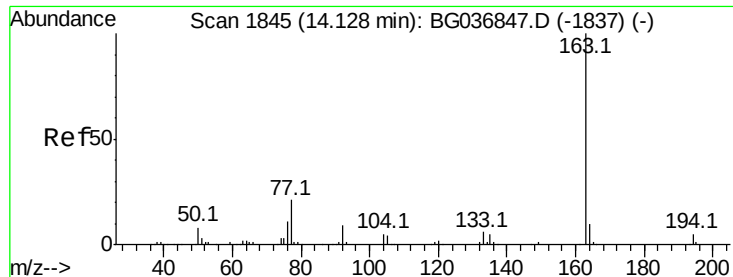
#44
 2-Fluorobiphenyl
 Concen: 97.734 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	24.9	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





#49

Dimethylphthalate

Concen: 3.092 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

Instrument :

BNA_G

ClientSampled :

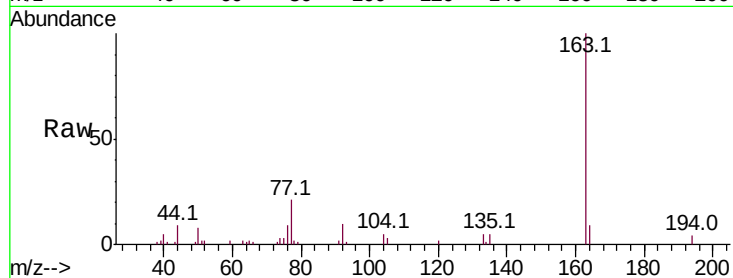
Tot Ion:163 Resp: 29395

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

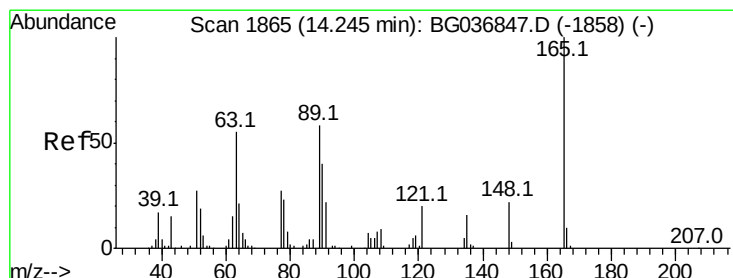
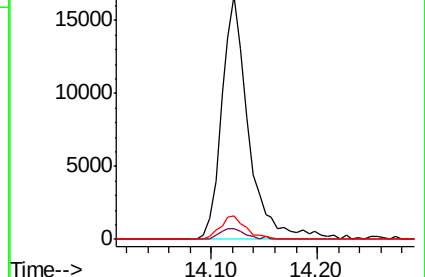
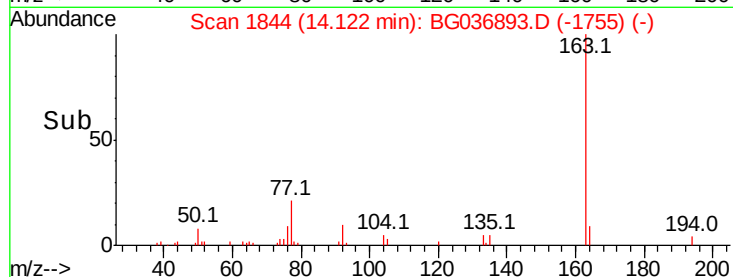
164 9.4 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 7.200 ng

RT: 14.67 min Scan# 1937

Delta R.T. 0.42 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

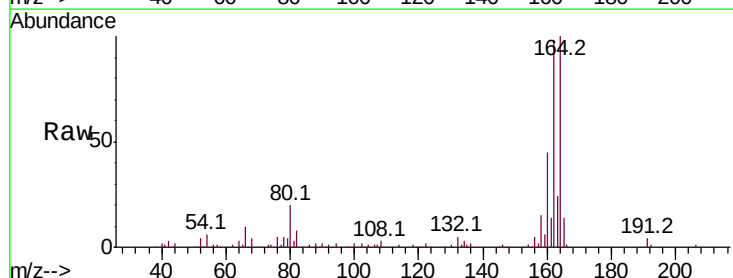
Tgt Ion:165 Resp: 14937

Ion Ratio Lower Upper

165 100

63 0.0 50.1 75.1#

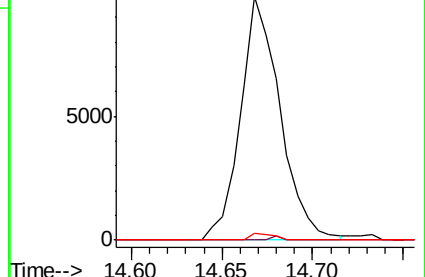
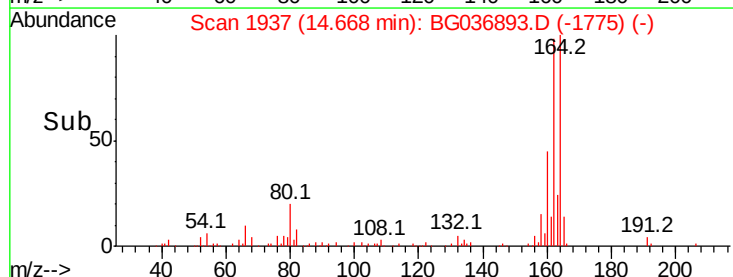
89 2.9 47.8 71.6#

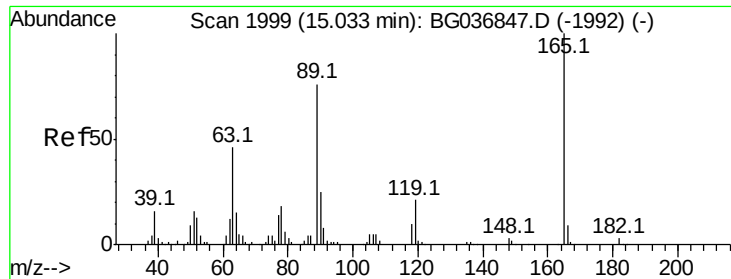


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

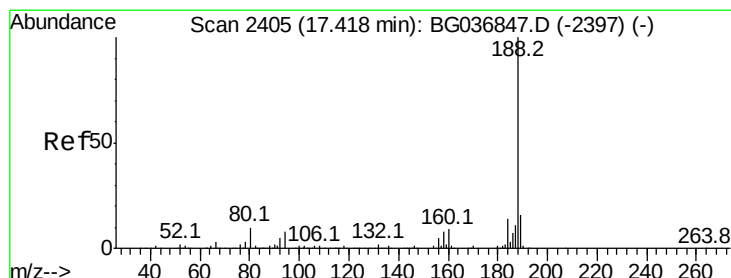
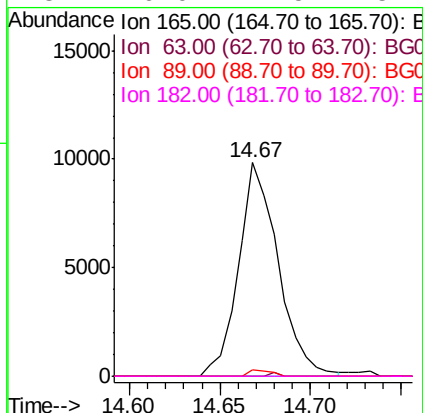
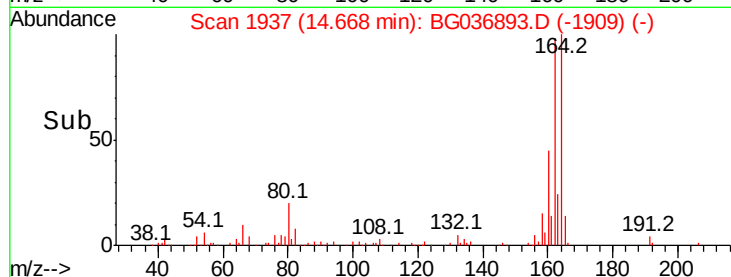
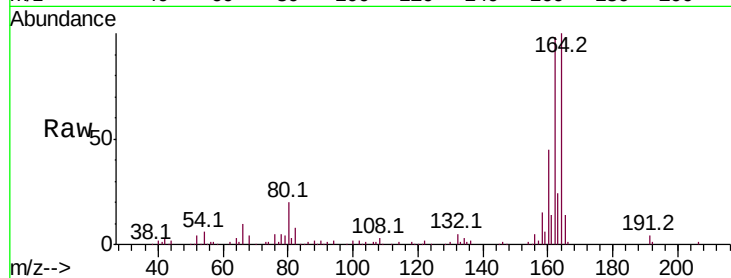




#56
 2,4-Dinitrotoluene
 Concen: 5.160 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

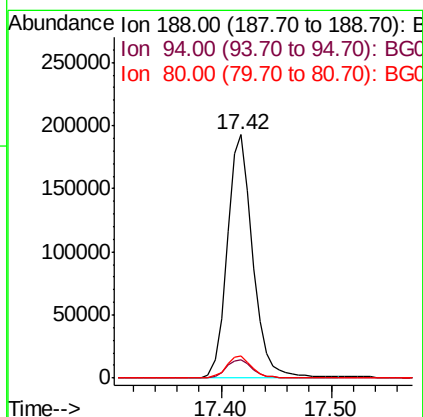
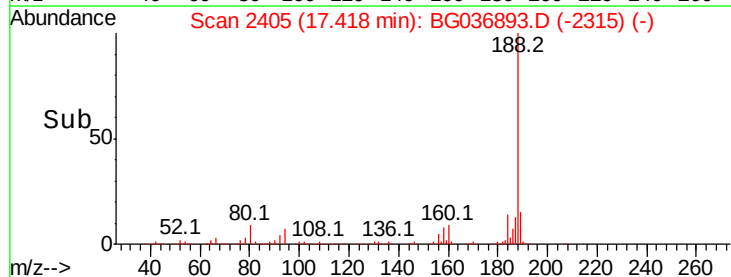
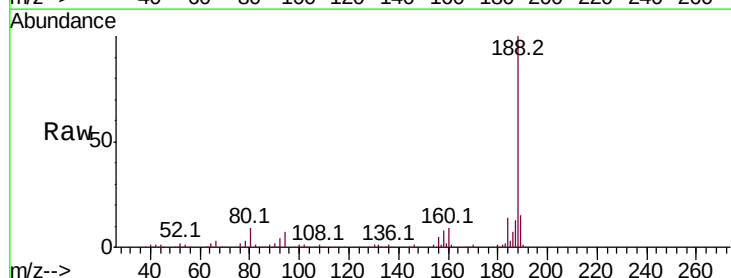
Instrument :
 BNA_G
 ClientSampleId :

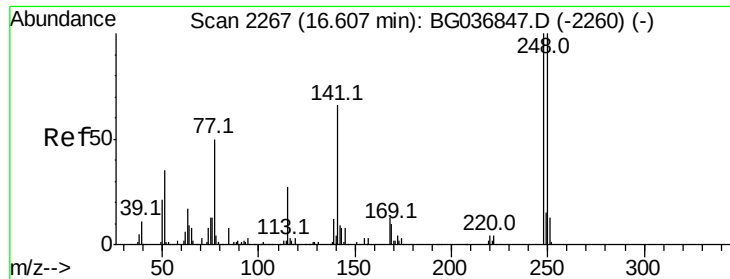
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.9	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.9	8.1	12.1

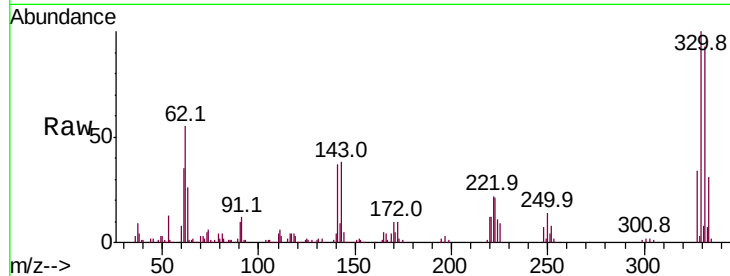




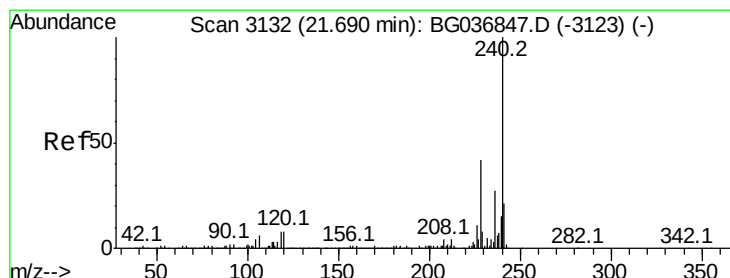
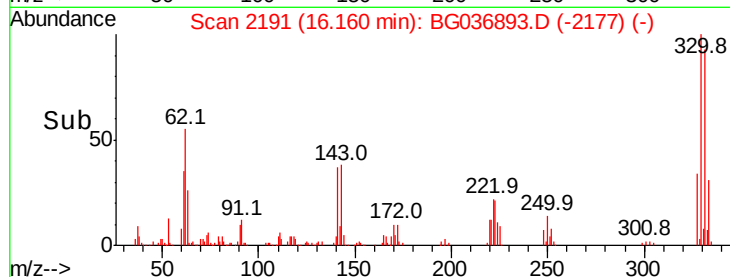
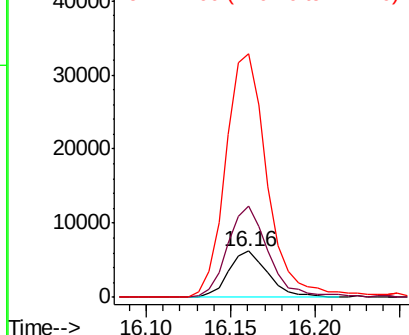
#66
 4-Bromophenyl-phenylether
 Concen: 2.864 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.45 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 10154
 Ion Ratio Lower Upper
 248 100
 250 197.9 78.1 117.1#
 141 526.0 53.7 80.5#

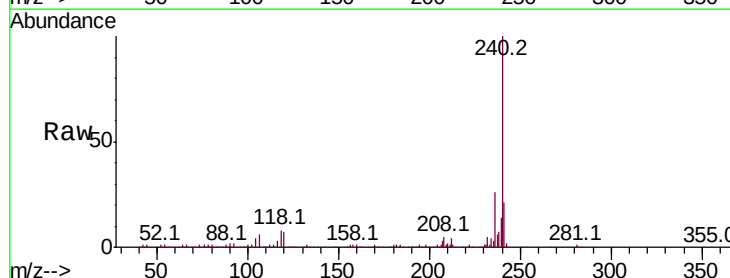


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

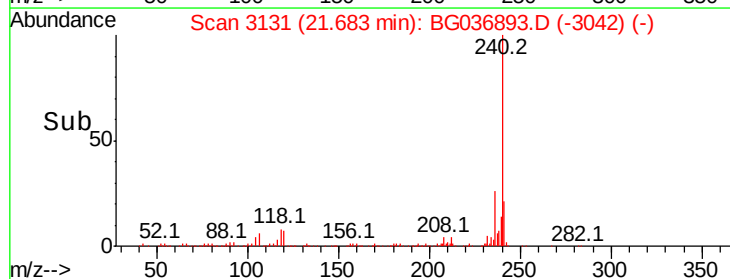
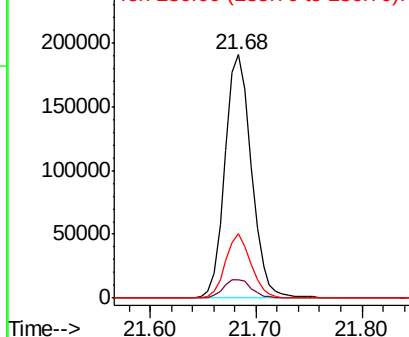


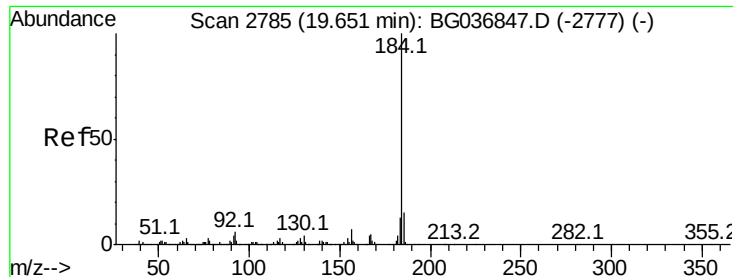
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036893.D
 Acq: 22 Sep 2018 14:14

Tgt Ion:240 Resp: 331360
 Ion Ratio Lower Upper
 240 100
 120 7.4 6.9 10.3
 236 26.2 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





#76

Benzidine

Concen: 2.503 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

Instrument :

BNA_G

ClientSampleId :

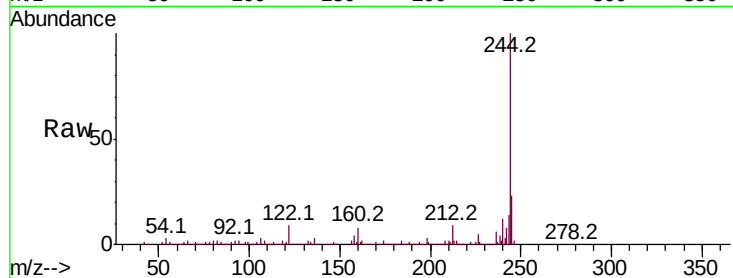
Tot Ion:184 Resp: 25076

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

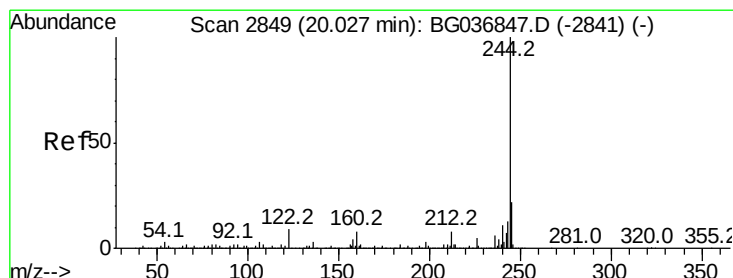
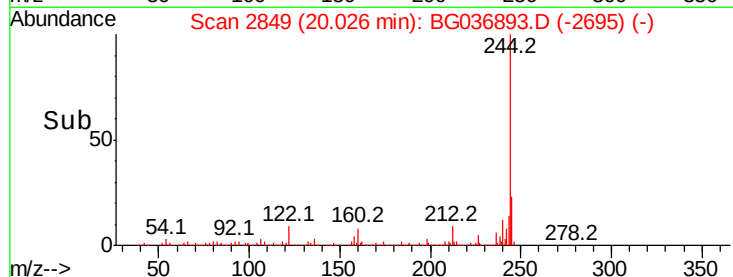
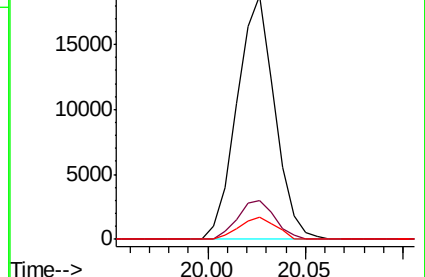
183 9.4 10.9 16.3#



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

Terphenyl-d14

Concen: 110.453 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036893.D

Acq: 22 Sep 2018 14:14

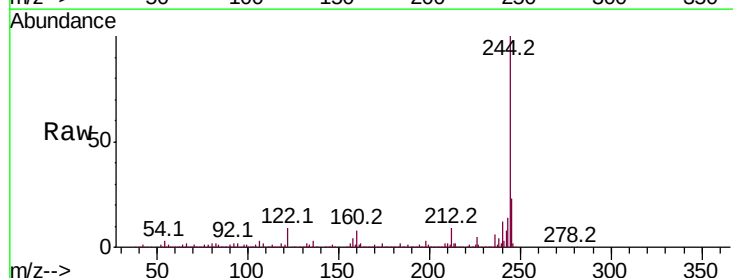
Tgt Ion:244 Resp: 1391894

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

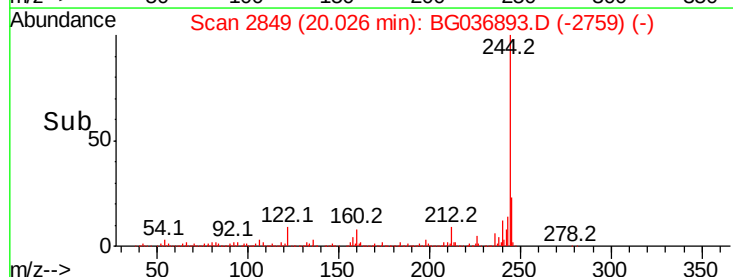
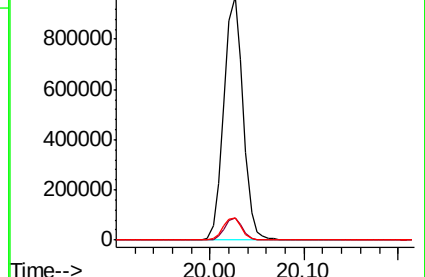
122 9.1 7.1 10.7

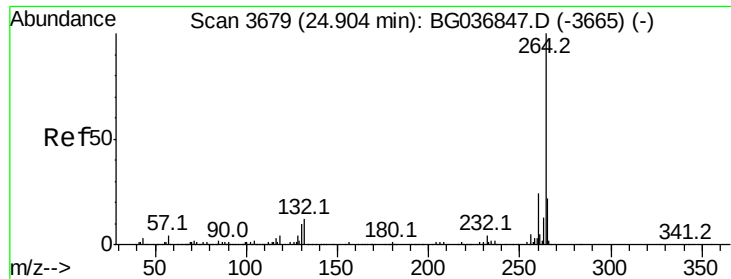


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036893.D
Acq: 22 Sep 2018 14:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	17.4	26.0

