

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
 Data File : BG036907.D
 Acq On : 23 Sep 2018 00:41
 Operator : JU/SJ
 Sample : J5019-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 24 04:45:08 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

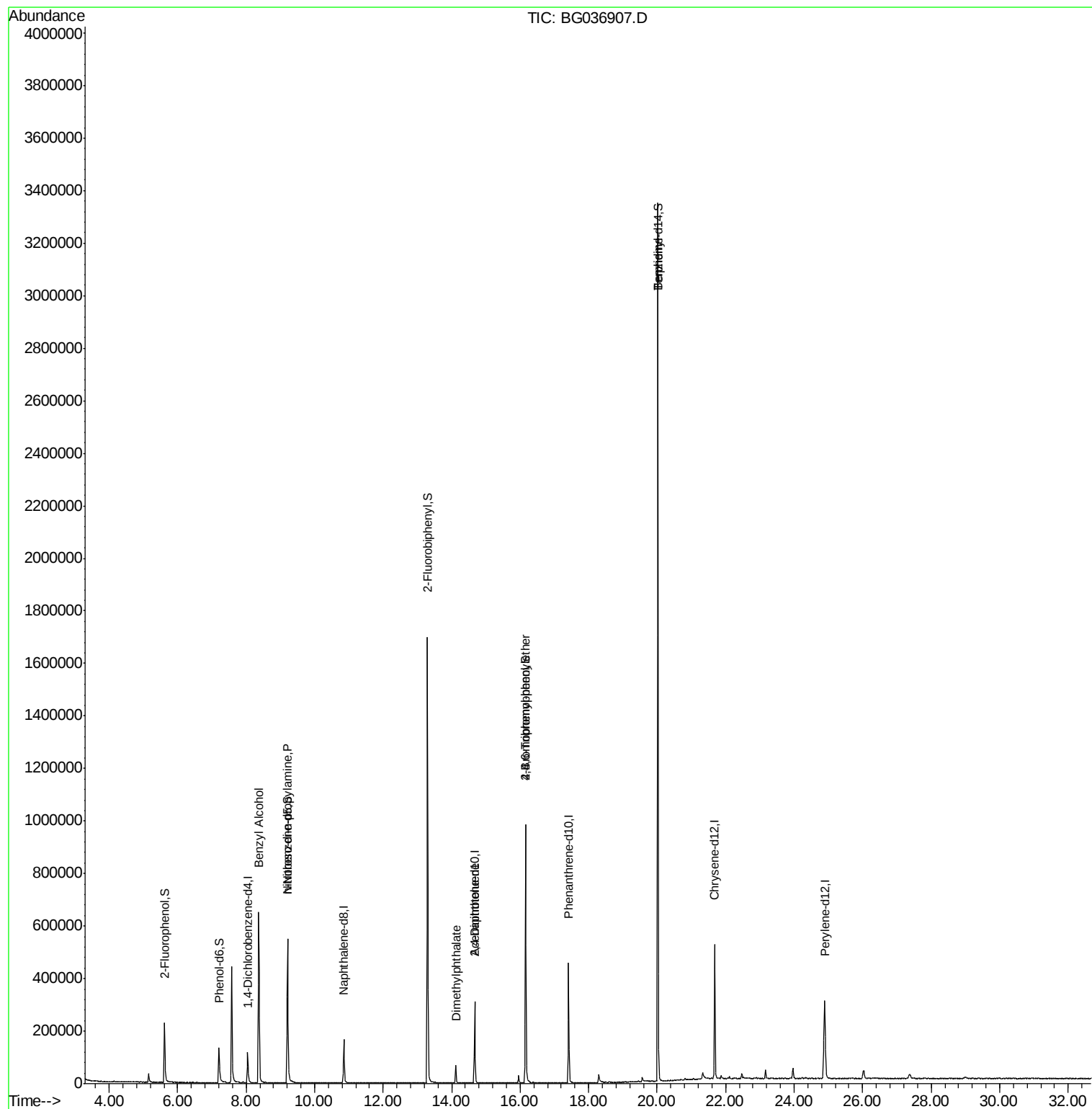
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38720	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	160739	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	115307	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	307740	20.00	ng	0.00
75) Chrysene-d12	21.68	240	314937	20.00	ng	0.00
86) Perylene-d12	24.88	264	316122	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	115039	56.98	ng	0.00
7) Phenol-d6	7.20	99	100884	32.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	378757	126.18	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	191095	138.52	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	935620	120.85	ng	0.00
78) Terphenyl-d14	20.02	244	1601956	133.75	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	6182	2.439	ng	# 50
19) n-Nitroso-di-n-propylamine	9.21	70	51569	19.845	ng	# 73
49) Dimethylphthalate	14.12	163	54935	5.919	ng	# 97
56) 2,4-Dinitrotoluene	14.67	165	14817	5.244	ng	# 22
66) 4-Bromophenyl-phenylether	16.16	248	13840	3.954	ng	# 1
76) Benzidine	20.02	184	29399	3.088	ng	# 95

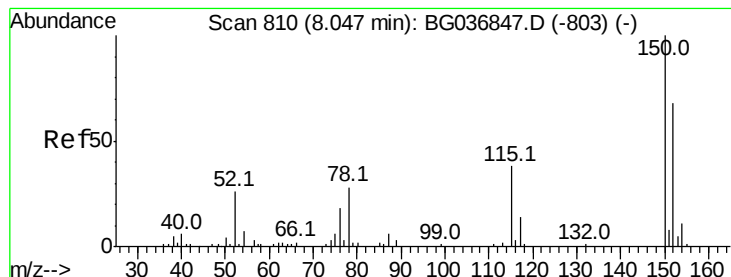
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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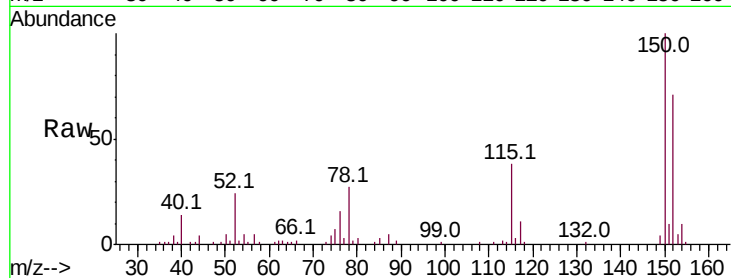


#1

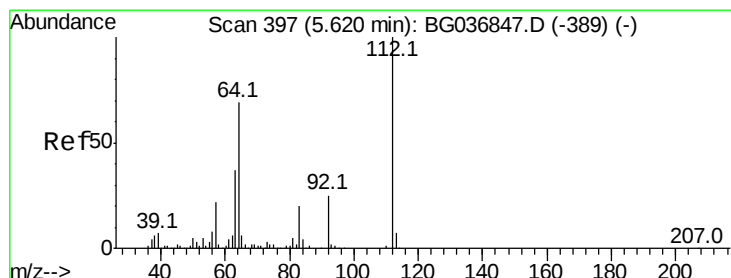
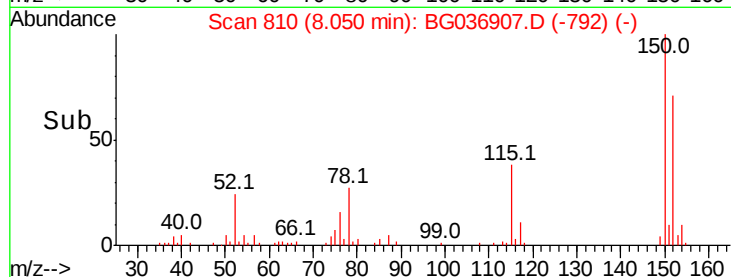
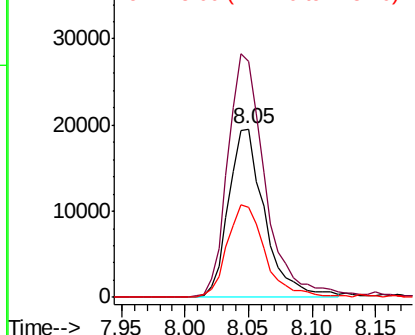
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036907.D
Acq: 23 Sep 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.4	119.5	179.3
115	53.5	44.5	66.7



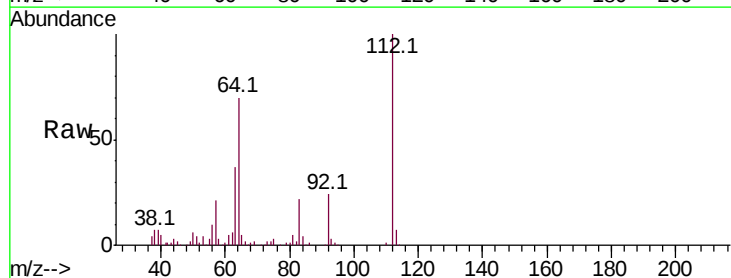
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



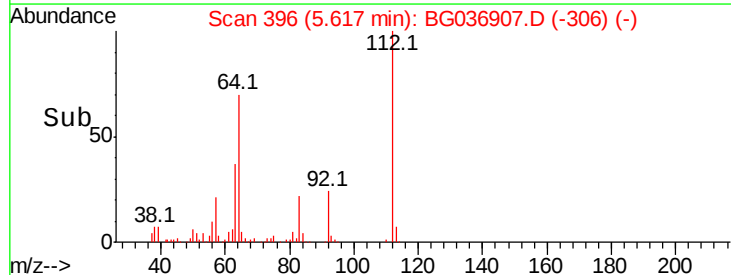
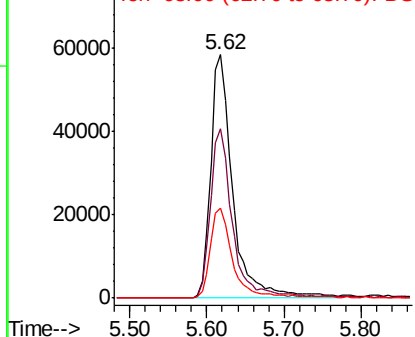
#5

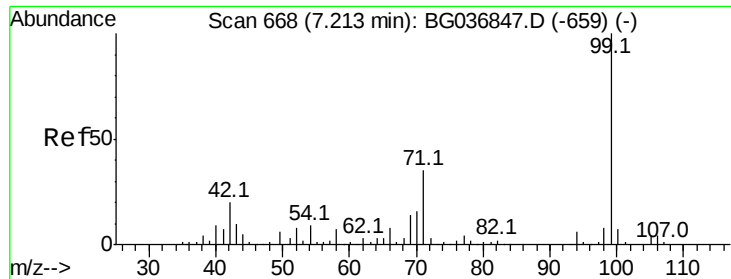
2-Fluorophenol
Concen: 56.978 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036907.D
Acq: 23 Sep 2018 00:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	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: 32.296 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036907.D

Acq: 23 Sep 2018 00:41

Instrument :

BNA_G

ClientSampled :

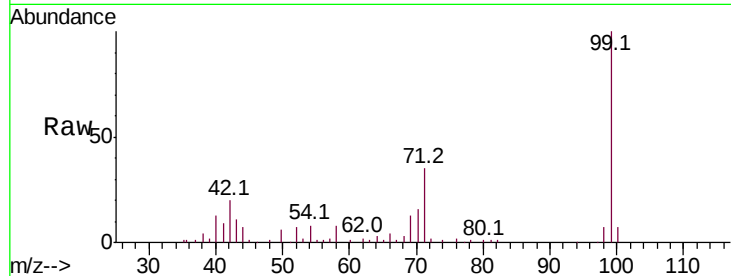
Tot Ion: 99 Resp: 100884

Ion Ratio Lower Upper

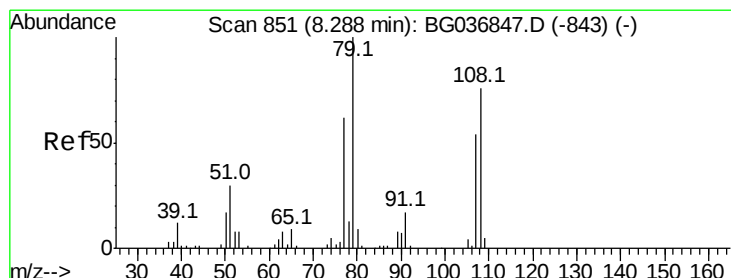
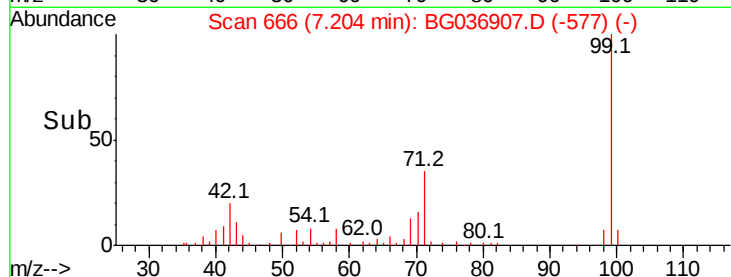
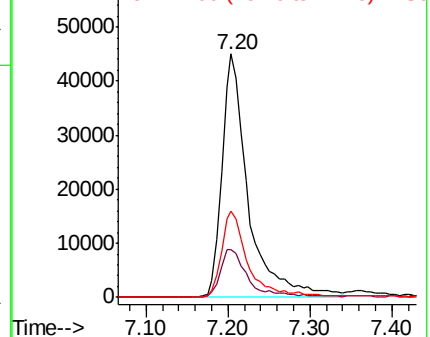
99 100

42 19.5 16.5 24.7

71 35.3 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



#15

Benzyl Alcohol

Concen: 2.439 ng

RT: 8.37 min Scan# 864

Delta R.T. 0.08 min

Lab File: BG036907.D

Acq: 23 Sep 2018 00:41

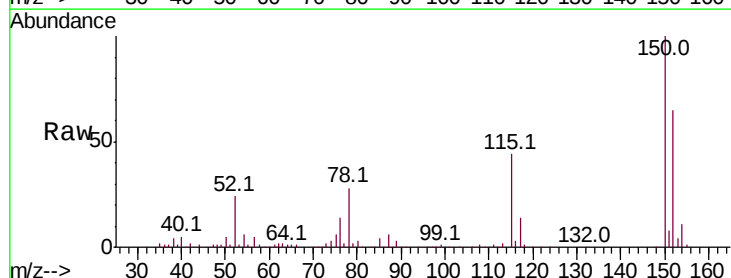
Tgt Ion: 79 Resp: 6182

Ion Ratio Lower Upper

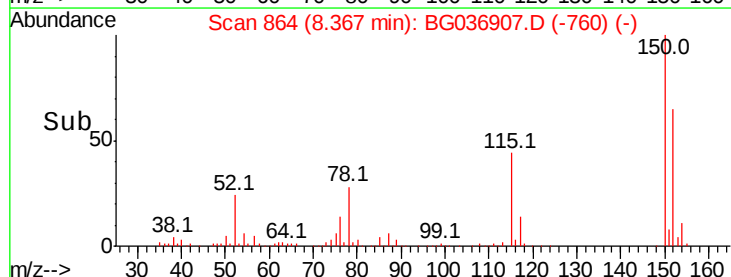
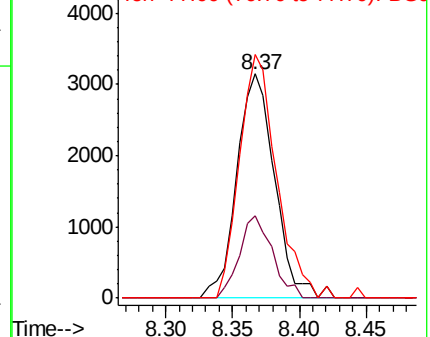
79 100

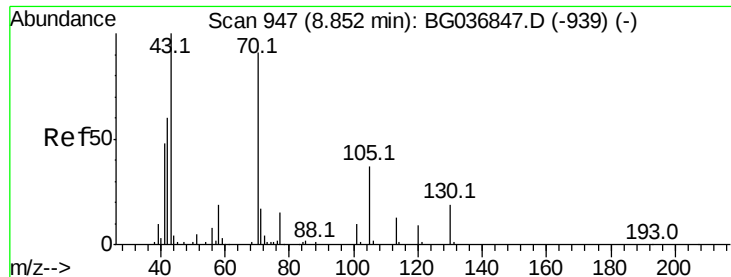
108 36.6 55.9 83.9#

77 108.7 50.0 75.0#



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

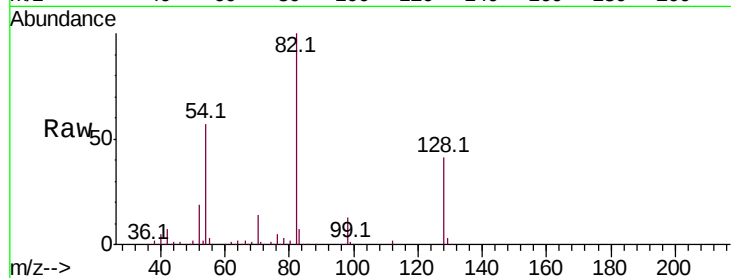




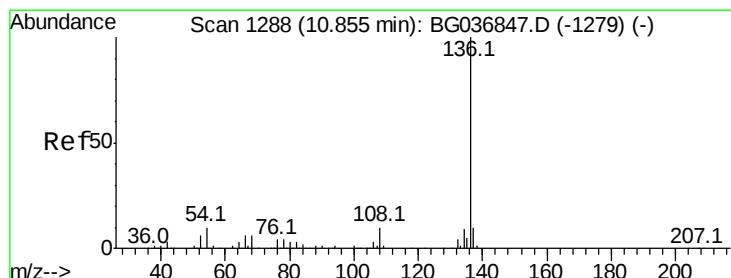
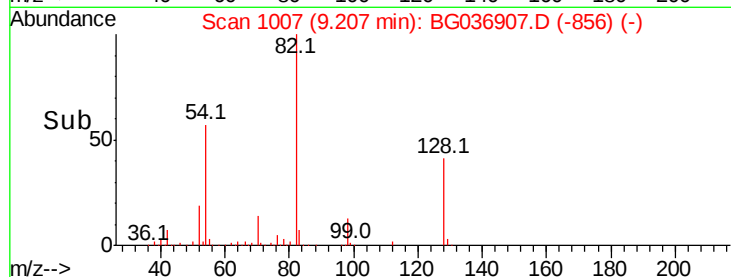
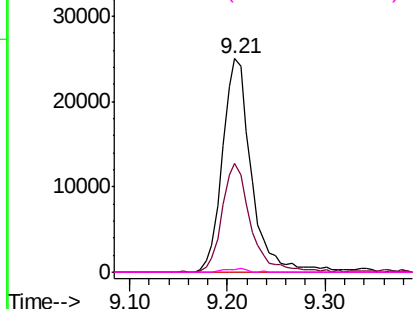
#19
n-Nitroso-di-n-propylamine
Concen: 19.845 ng
RT: 9.21 min Scan# 1007
Delta R.T. 0.36 min
Lab File: BG036907.D
Acq: 23 Sep 2018 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 51569
Ion Ratio Lower Upper
70 100
42 50.9 56.2 84.4#
101 0.0 7.8 11.6#
130 1.2 16.2 24.2#

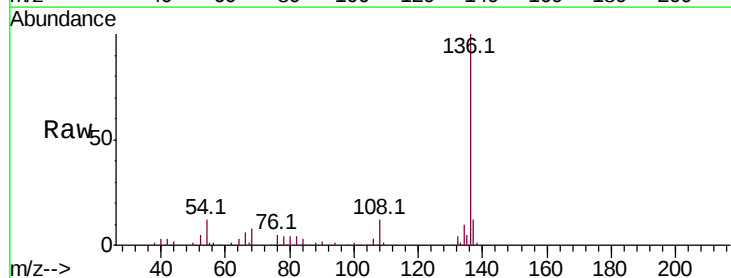


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

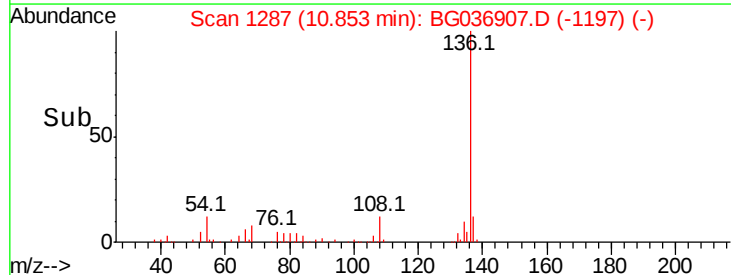
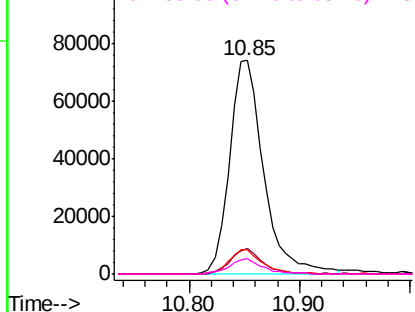


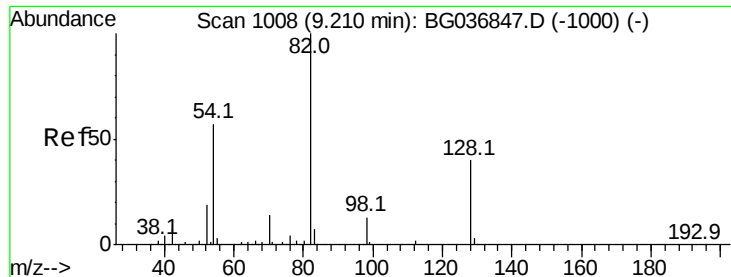
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036907.D
Acq: 23 Sep 2018 00:41

Tgt Ion:136 Resp: 160739
Ion Ratio Lower Upper
136 100
137 12.0 8.8 13.2
54 11.6 9.2 13.8
68 7.5 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

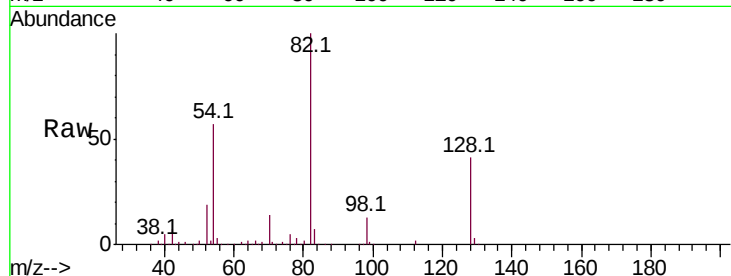




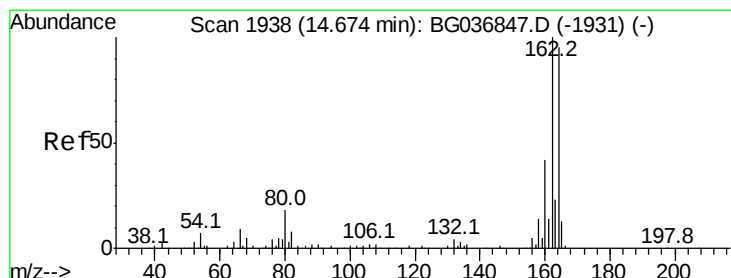
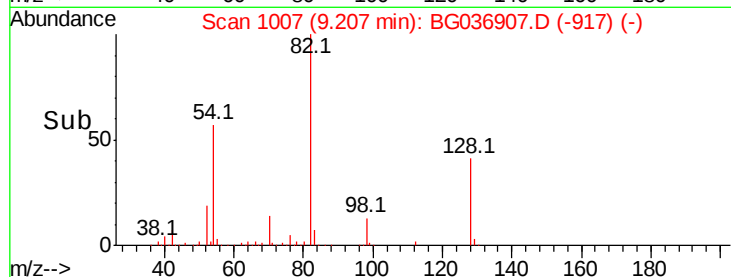
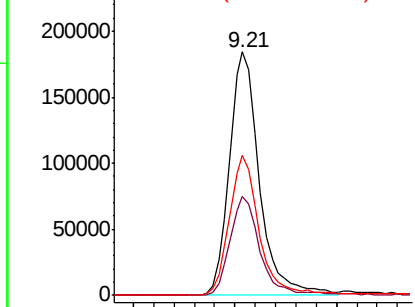
#23
 Nitrobenzene-d5
 Concen: 126.185 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BG036907.D
 Acq: 23 Sep 2018 00:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	378757
Ion Ratio	100	Lower	Upper
128	40.8	33.3	49.9
54	57.4	45.1	67.7

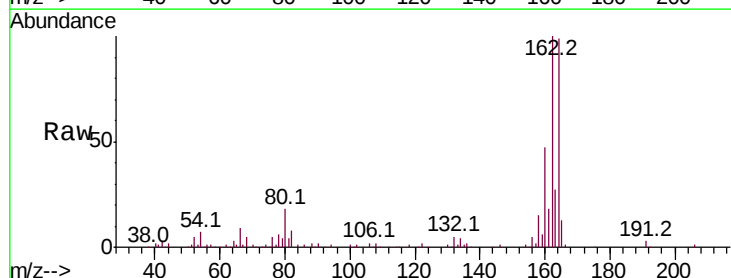


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

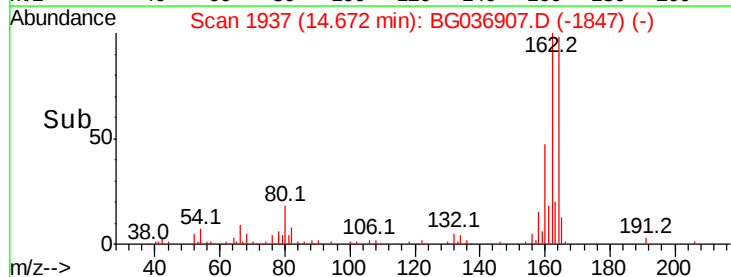
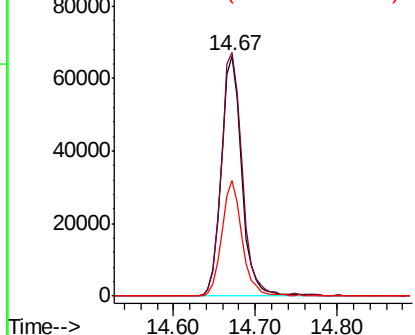


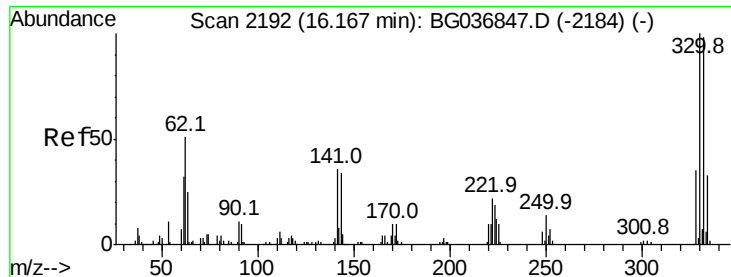
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: BG036907.D
 Acq: 23 Sep 2018 00:41

Tgt Ion	164	Resp	115307
Ion Ratio	100	Lower	Upper
162	101.4	80.7	121.1
160	48.1	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

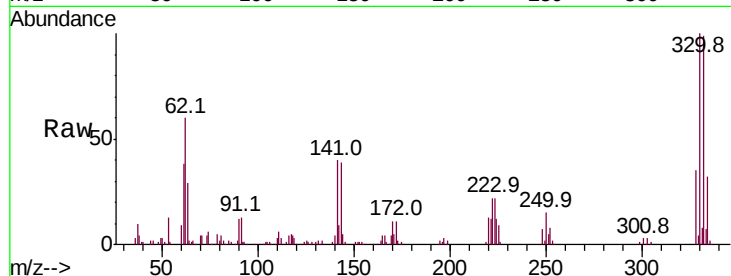




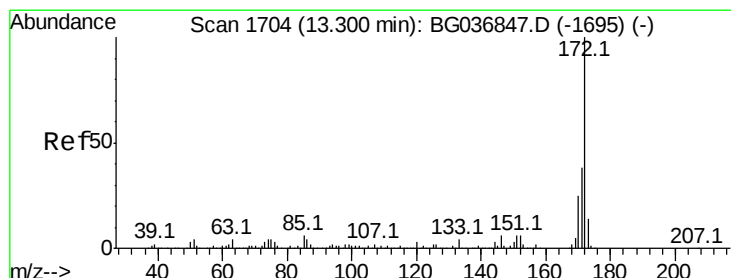
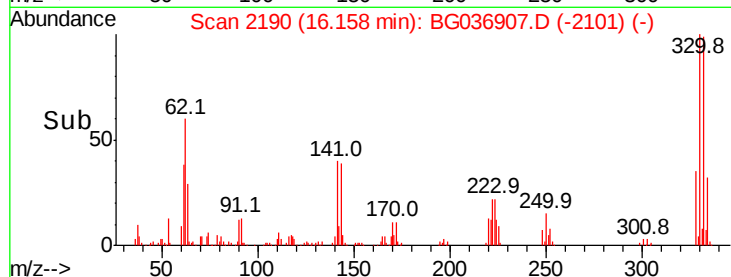
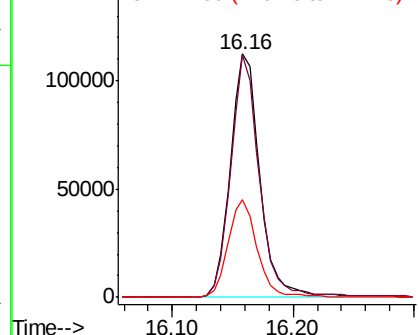
#41
 2,4,6-Tribromophenol
 Concen: 138.517 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036907.D
 Acq: 23 Sep 2018 00:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.4	113.2
141	39.4	30.7	46.1

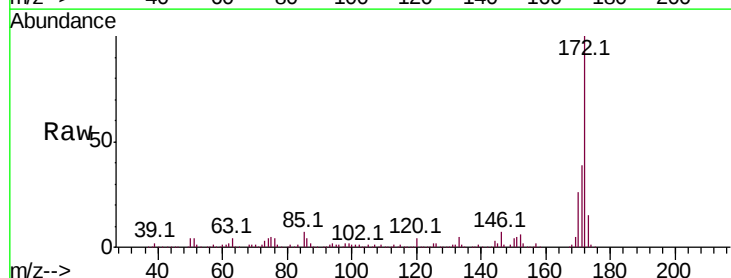


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

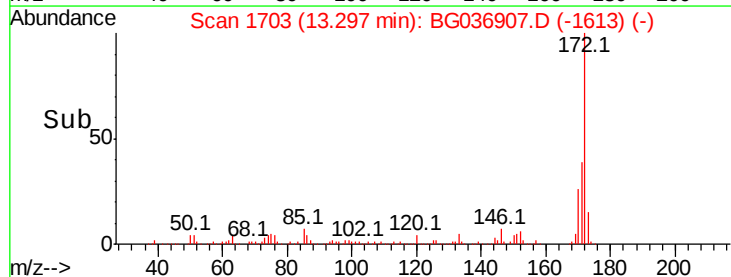
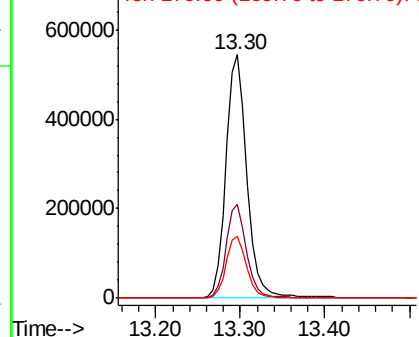


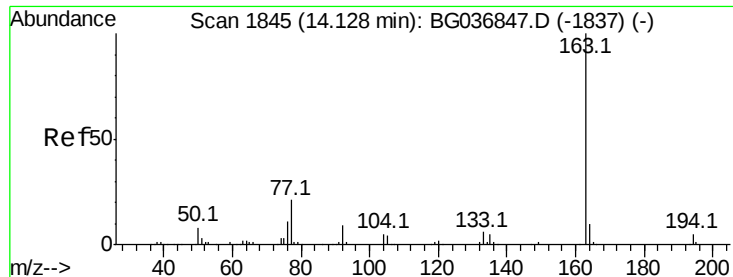
#44
 2-Fluorobiphenyl
 Concen: 120.852 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036907.D
 Acq: 23 Sep 2018 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.7	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: 5.919 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BG036907.D

Acq: 23 Sep 2018 00:41

Instrument :

BNA_G

ClientSampleId :

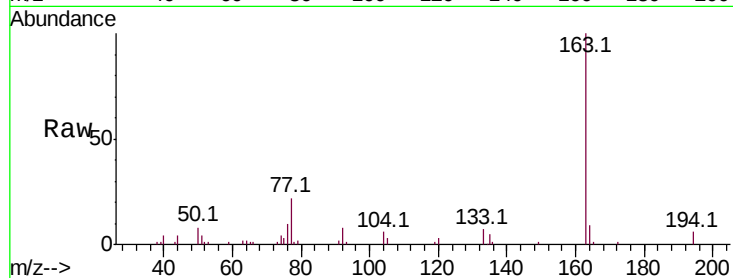
Tot Ion:163 Resp: 54935

Ion Ratio Lower Upper

163 100

194 5.9 4.0 6.0

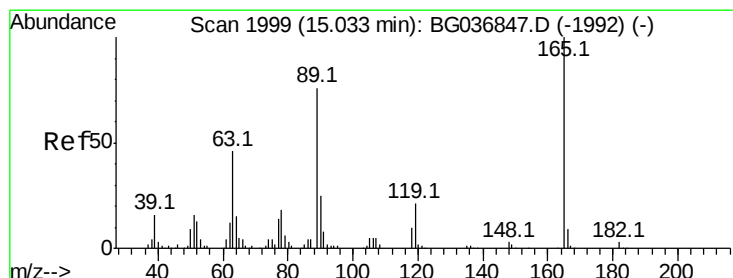
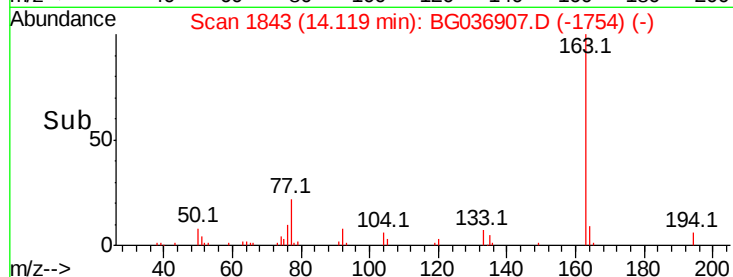
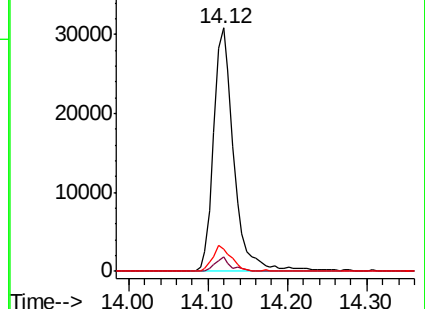
164 9.1 8.1 12.1



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



#56

2,4-Dinitrotoluene

Concen: 5.244 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.36 min

Lab File: BG036907.D

Acq: 23 Sep 2018 00:41

Tgt Ion:165 Resp: 14817

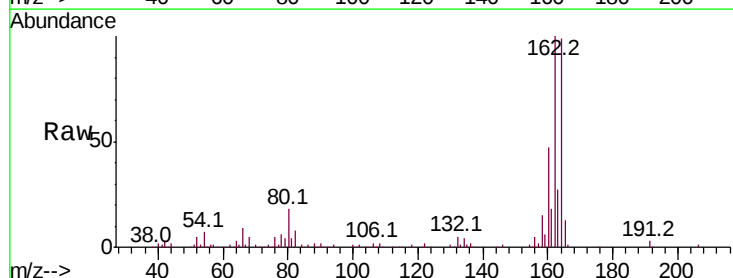
Ion Ratio Lower Upper

165 100

63 3.8 40.1 60.1#

89 2.0 63.7 95.5#

182 0.0 2.5 3.7#

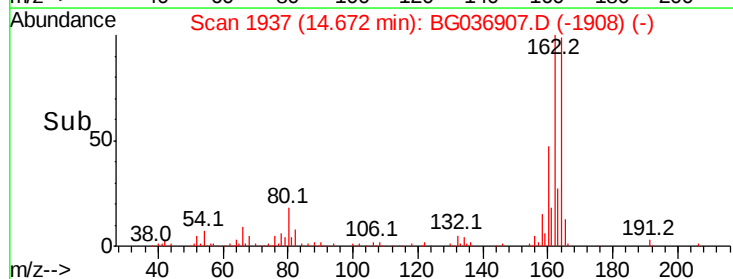
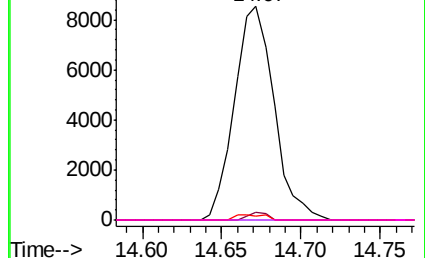


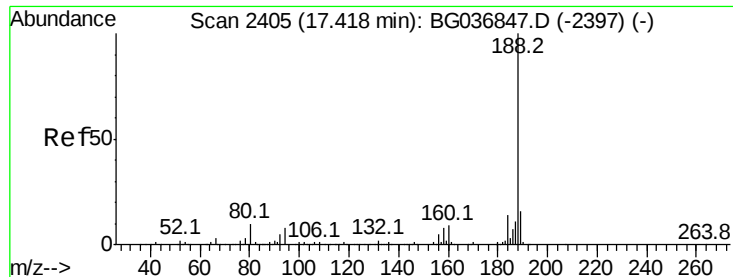
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

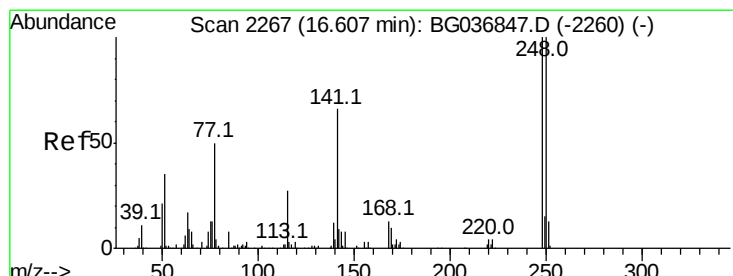
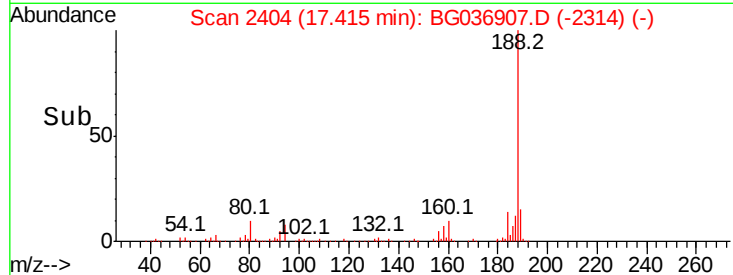
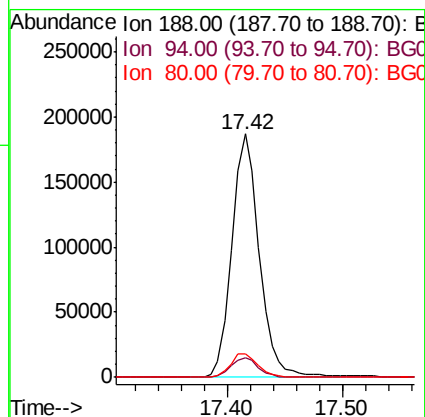
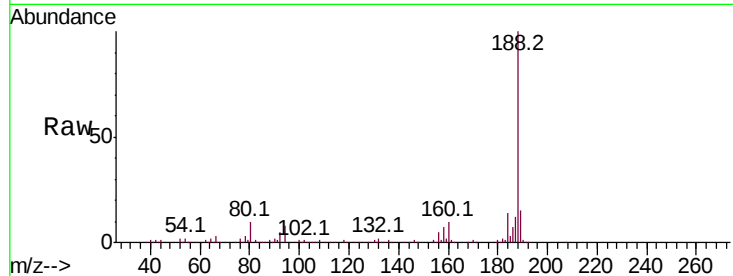




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BG036907.D
Acq: 23 Sep 2018 00:41

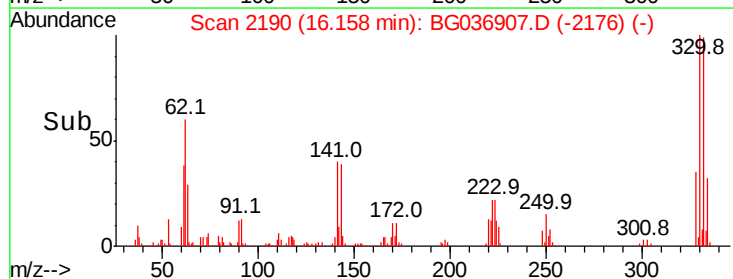
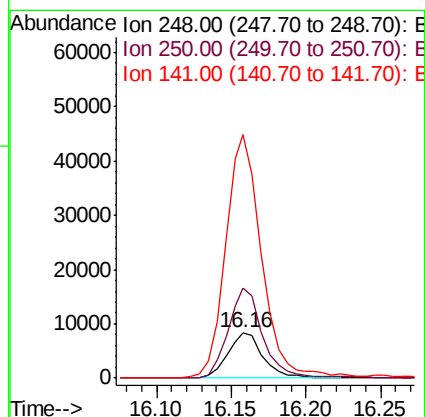
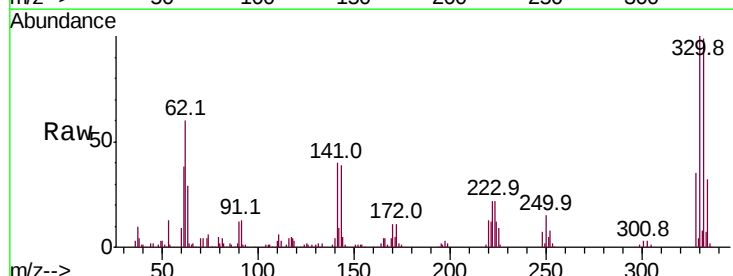
Instrument :
BNA_G
ClientSampled :

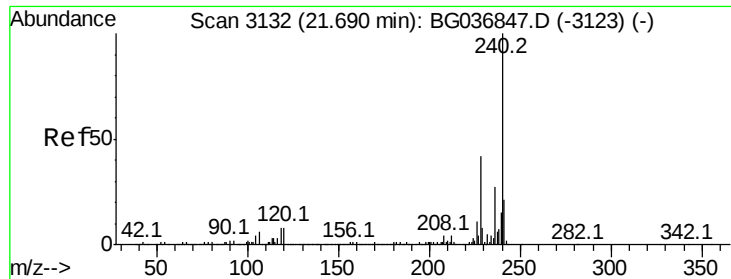
Tot Ion:188 Resp: 307740
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.6 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.954 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036907.D
Acq: 23 Sep 2018 00:41

Tgt Ion:248 Resp: 13840
Ion Ratio Lower Upper
248 100
250 197.7 78.1 117.1#
141 532.1 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036907.D

Acq: 23 Sep 2018 00:41

Instrument :

BNA_G

ClientSampled :

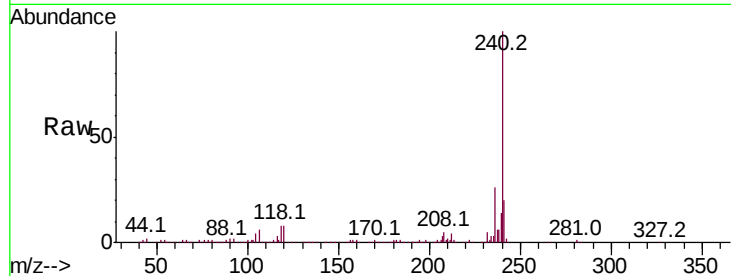
Tot Ion:240 Resp: 314937

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

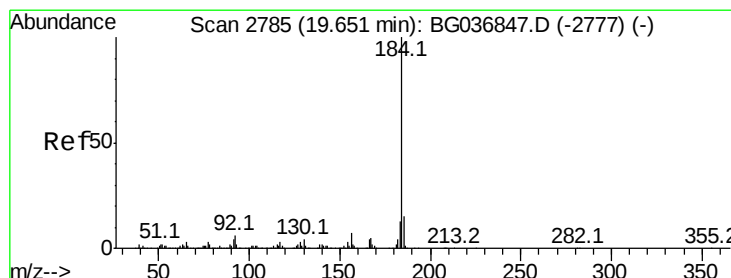
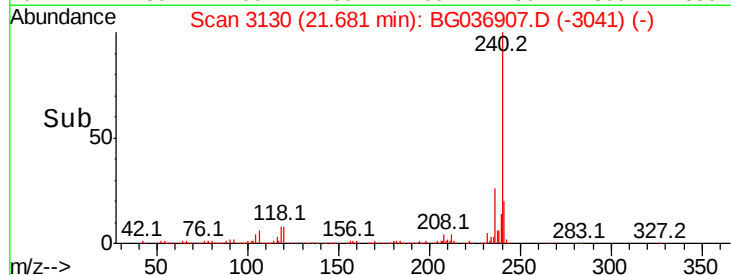
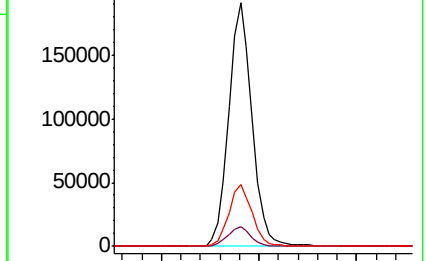
236 25.5 21.2 31.8



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: 3.088 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036907.D

Acq: 23 Sep 2018 00:41

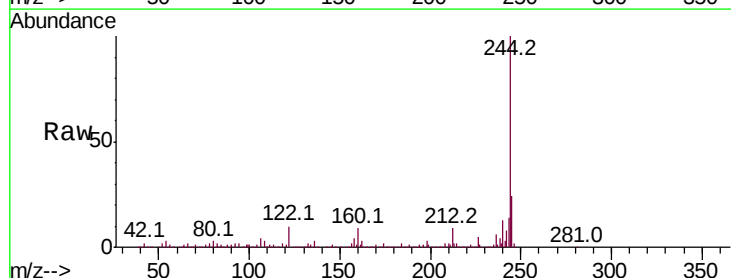
Tgt Ion:184 Resp: 29399

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

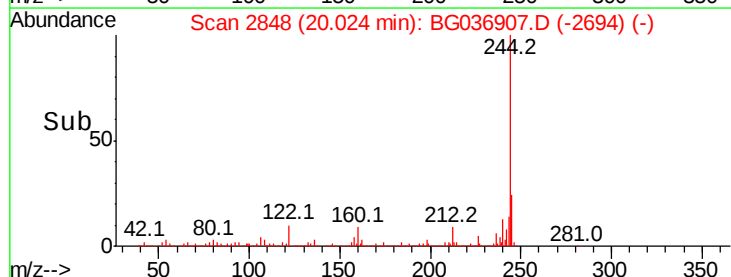
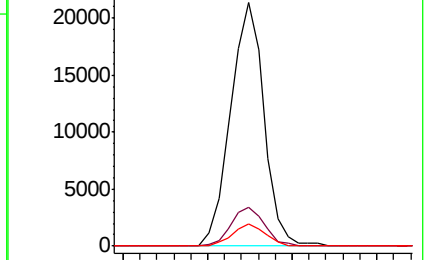
183 9.2 10.9 16.3

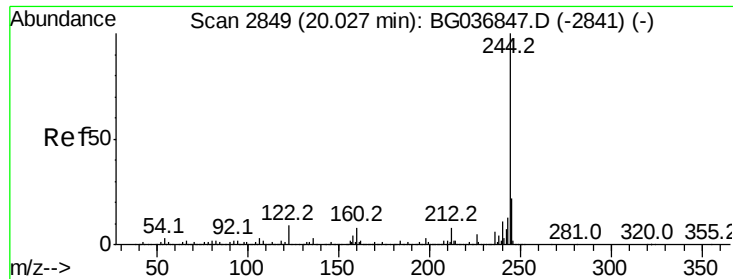


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



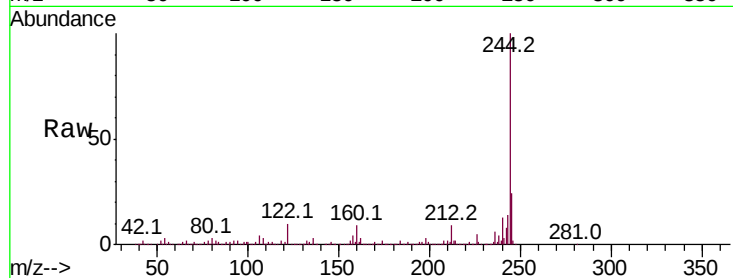


#78
 Terphenyl-d14
 Concen: 133.751 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.00 min
 Lab File: BG036907.D
 Acq: 23 Sep 2018 00:41

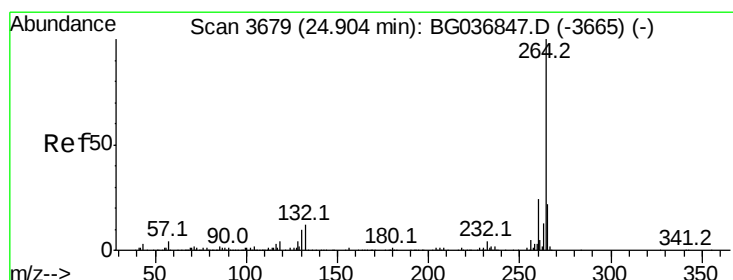
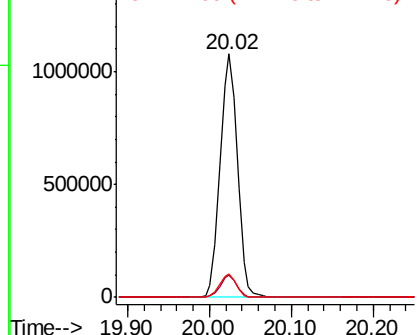
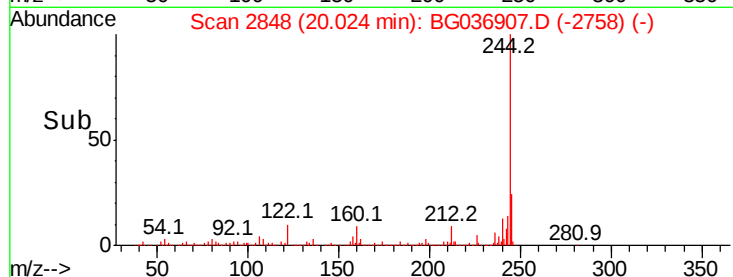
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1601956

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.6	7.1	10.7



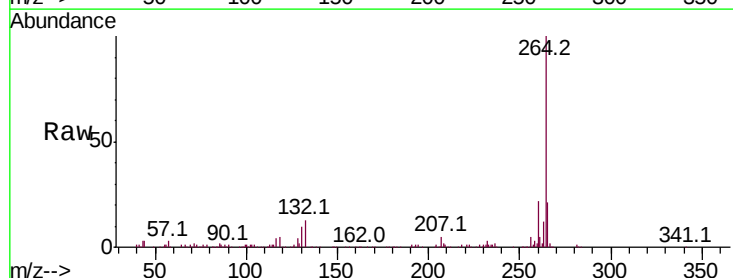
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036907.D
 Acq: 23 Sep 2018 00:41

Tgt Ion:264 Resp: 316122

Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.6	29.4
265	21.0	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

