

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036636.D
 Acq On : 10 Sep 2018 22:16
 Operator : JU/SJ
 Sample : J4777-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 01:56:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

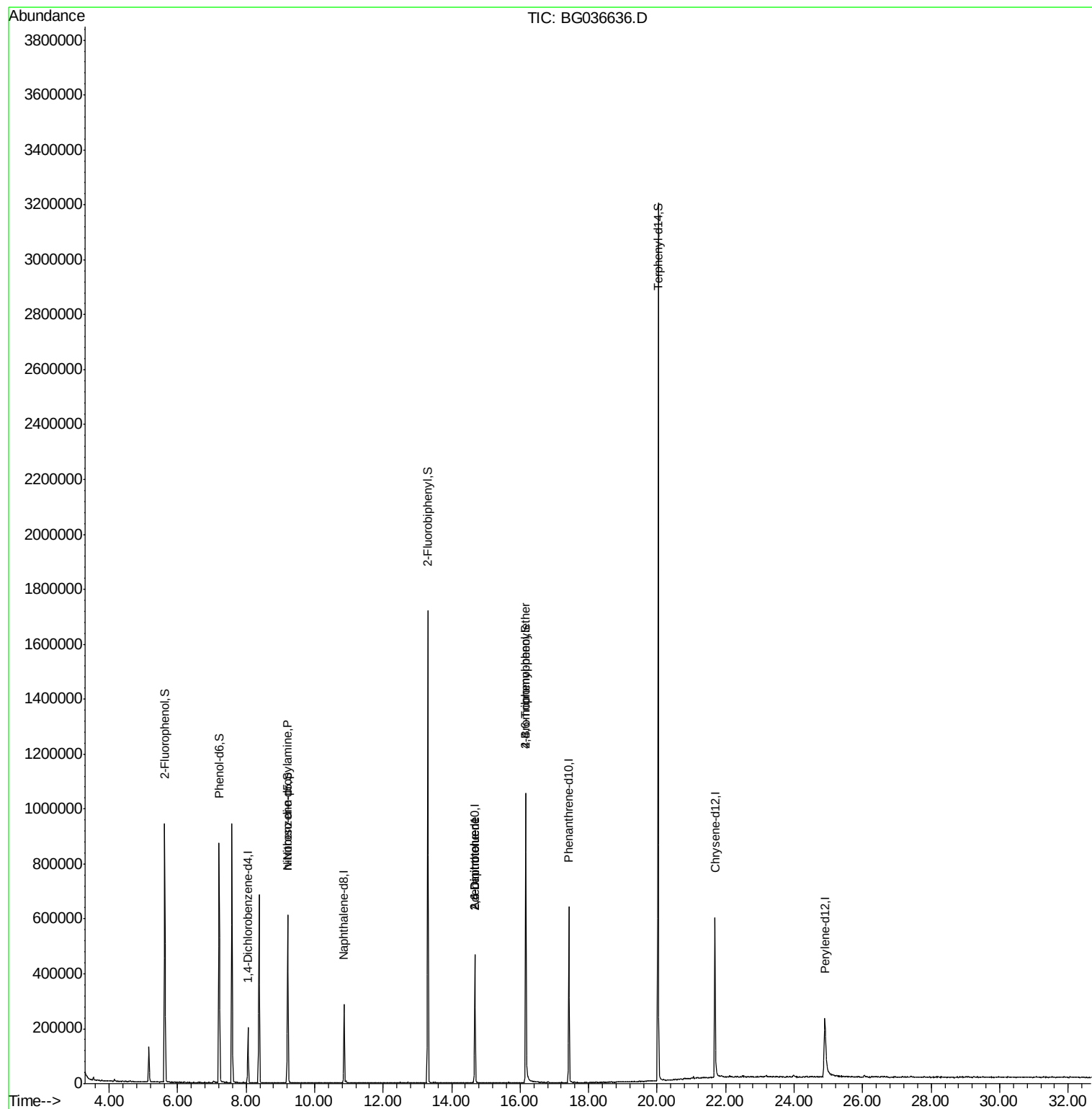
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55865	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240771	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	163563	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	406491	20.00	ng	0.00
75) Chrysene-d12	21.69	240	414745	20.00	ng	0.00
86) Perylene-d12	24.89	264	335891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	388133	110.21	ng	0.00
7) Phenol-d6	7.21	99	507880	100.72	ng	0.00
23) Nitrobenzene-d5	9.21	82	368312	83.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	208389	106.77	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	870415	75.98	ng	0.00
78) Terphenyl-d14	20.03	244	1484799	83.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49244	13.068	ng	# 70
50) 2,6-Dinitrotoluene	14.68	165	20473	7.449	ng	# 23
56) 2,4-Dinitrotoluene	14.68	165	20473	5.716	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	14981	3.148	ng	# 1

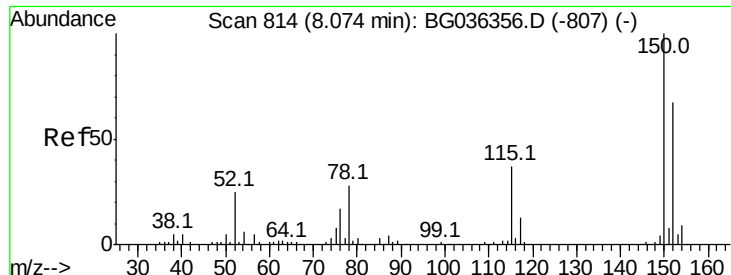
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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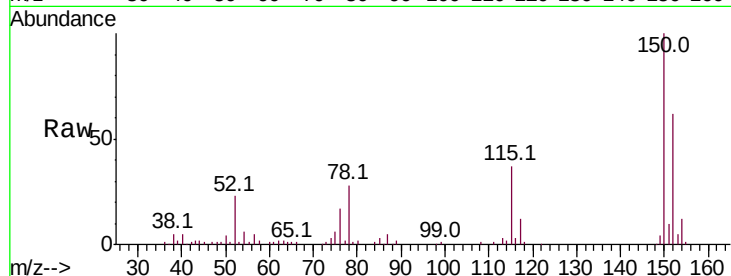


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	119.5	179.3
115	60.3	44.5	66.7

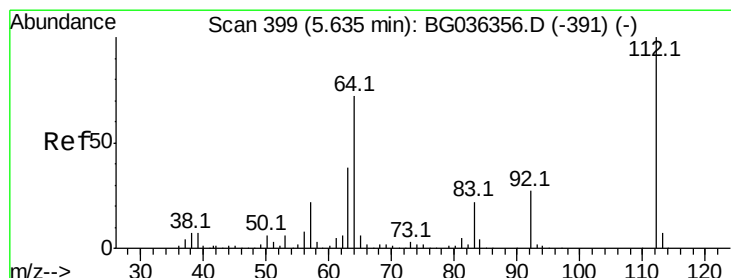
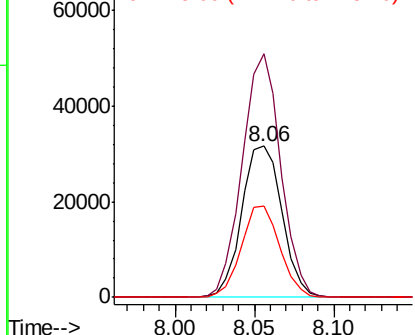
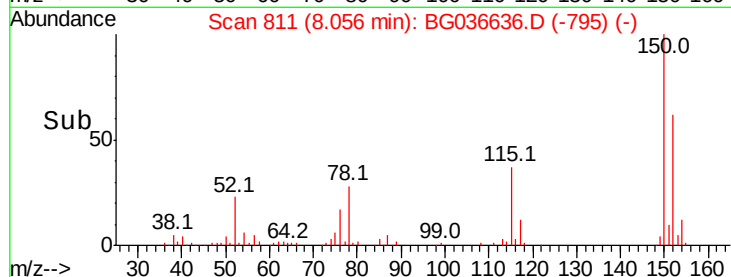


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

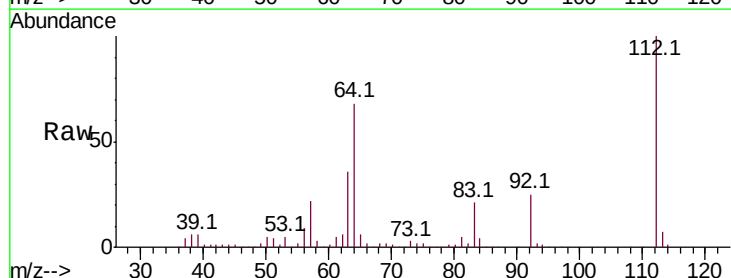
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.211 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	57.2	85.8
63	36.1	30.8	46.2

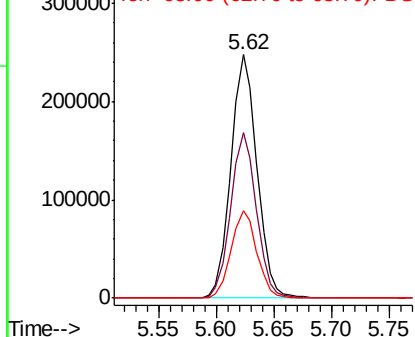
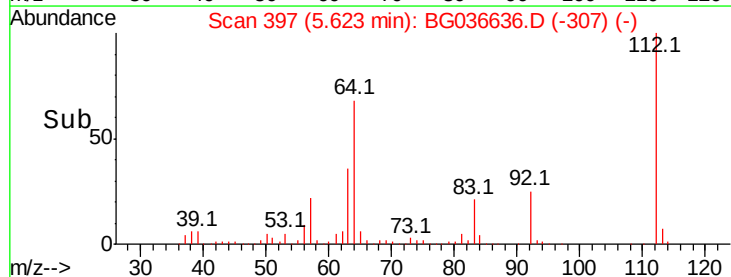


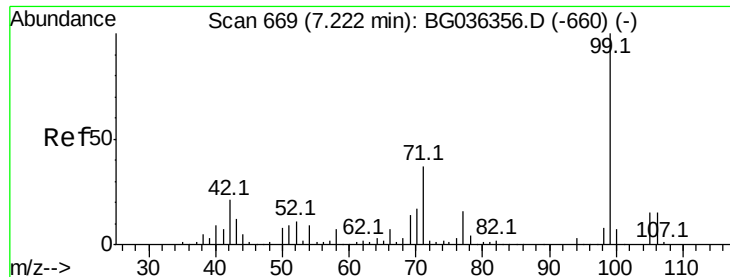
Abundance

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: 100.725 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036636.D

Acq: 10 Sep 2018 22:16

Instrument :

BNA_G

ClientSampleId :

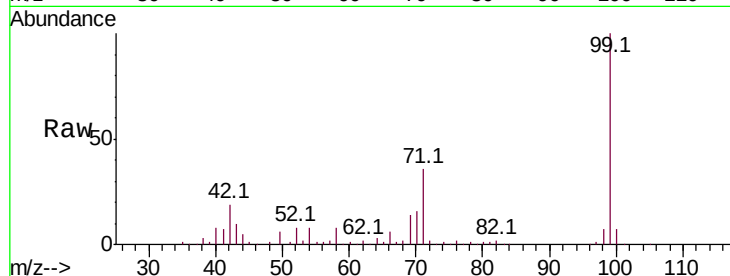
Tot Ion: 99 Resp: 507880

Ion Ratio Lower Upper

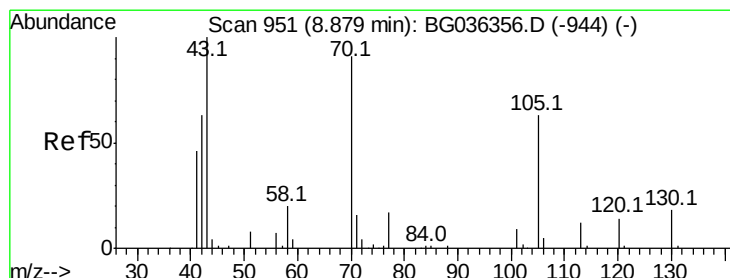
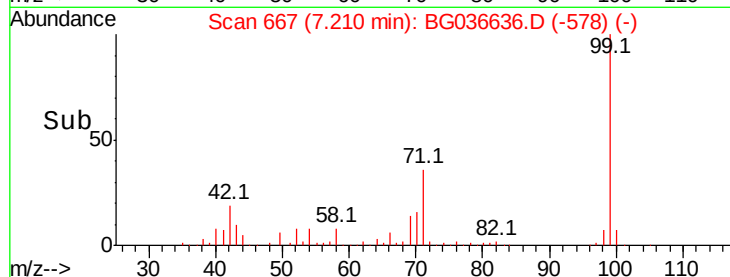
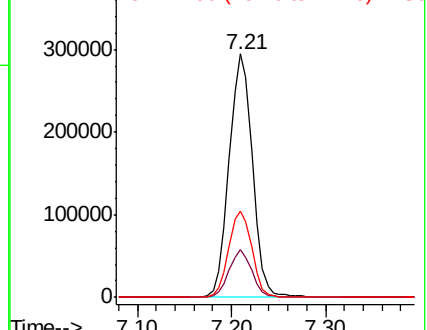
99 100

42 19.4 16.5 24.7

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.068 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036636.D

Acq: 10 Sep 2018 22:16

Tgt Ion: 70 Resp: 49244

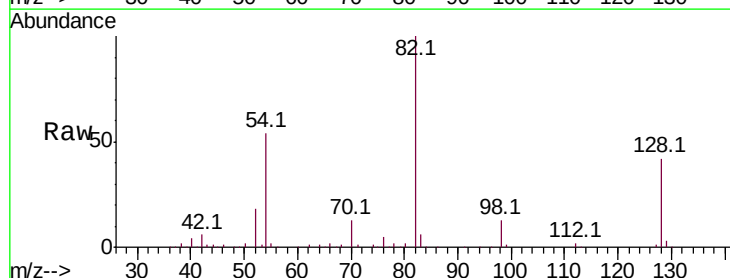
Ion Ratio Lower Upper

70 100

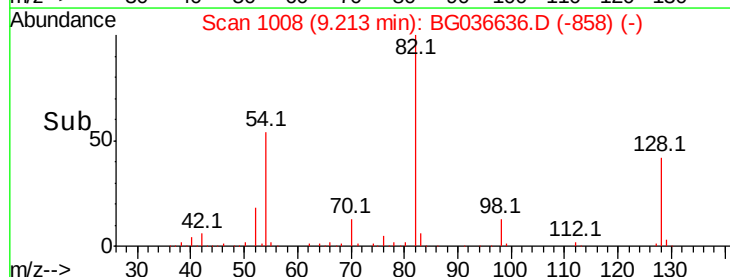
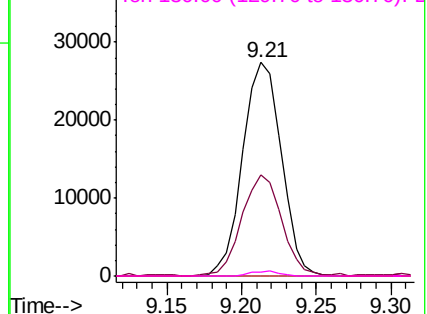
42 47.4 56.2 84.4#

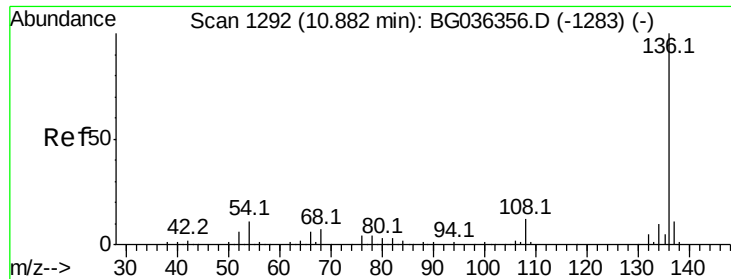
101 0.0 7.8 11.6#

130 1.9 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

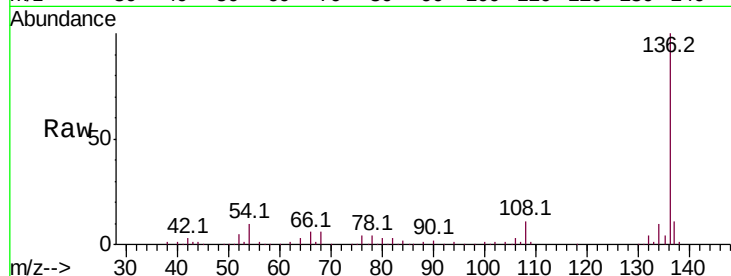




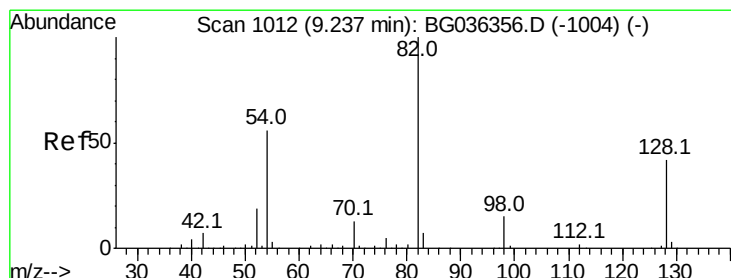
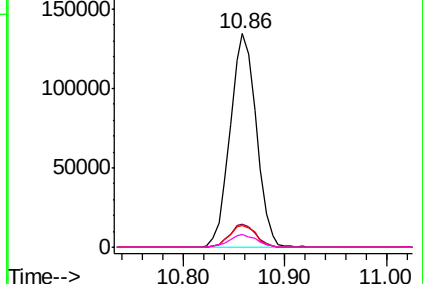
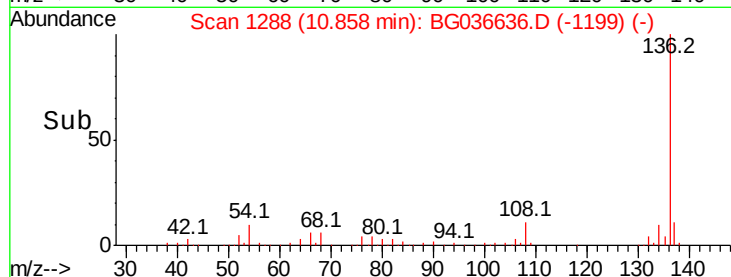
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	240771
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	10.3	9.2 13.8
68	5.8	5.8 8.6

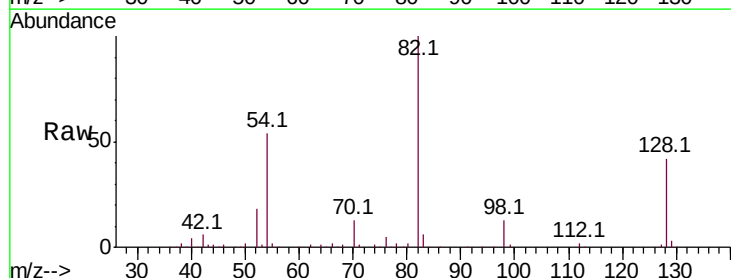


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

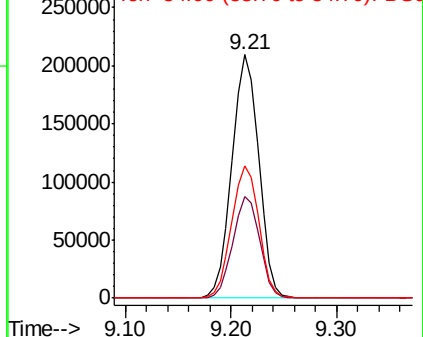
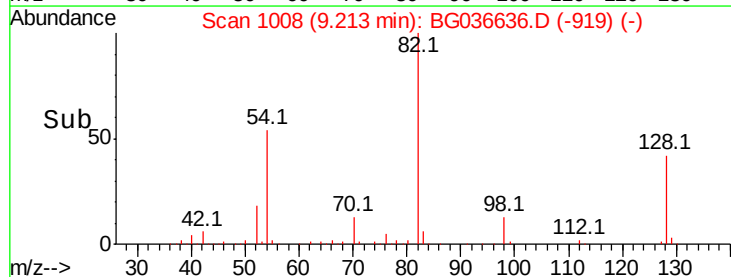


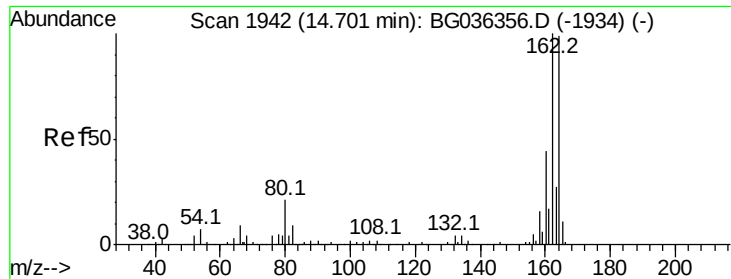
#23
Nitrobenzene-d5
Concen: 82.998 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Tgt Ion: 82	Resp:	368312
Ion	Ratio	Lower Upper
82	100	
128	41.8	33.3 49.9
54	54.3	45.1 67.7



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

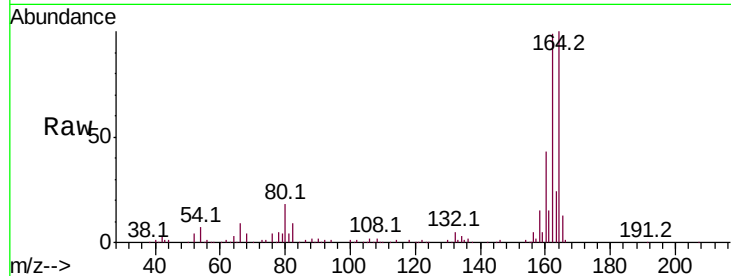




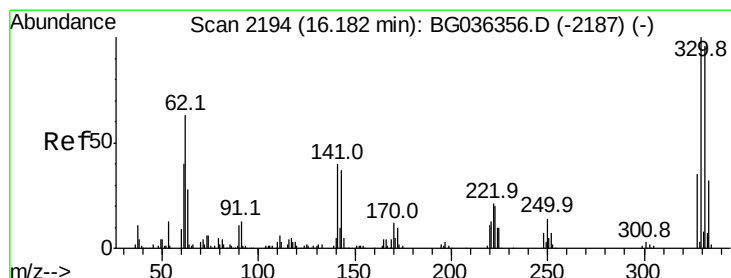
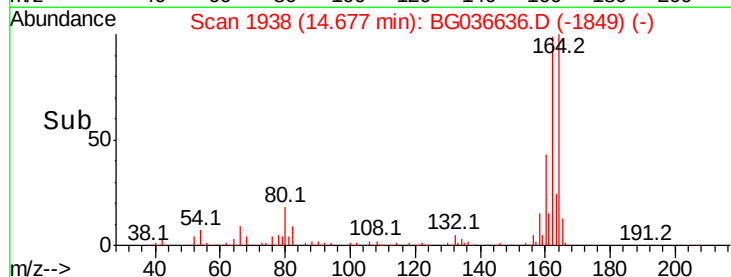
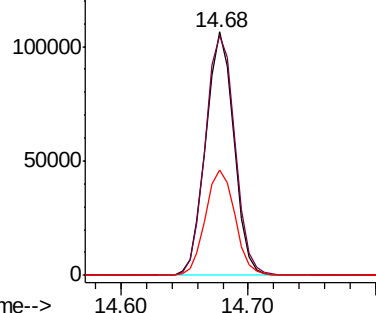
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	80.7	121.1
160	43.3	35.3	52.9

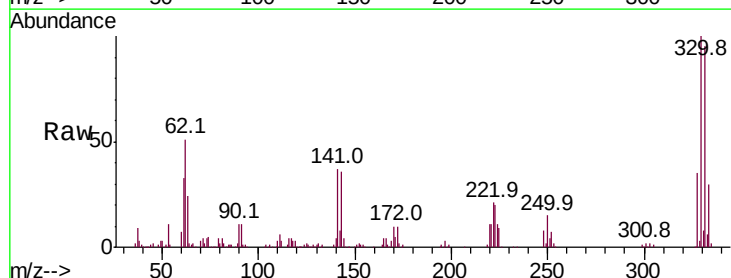


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

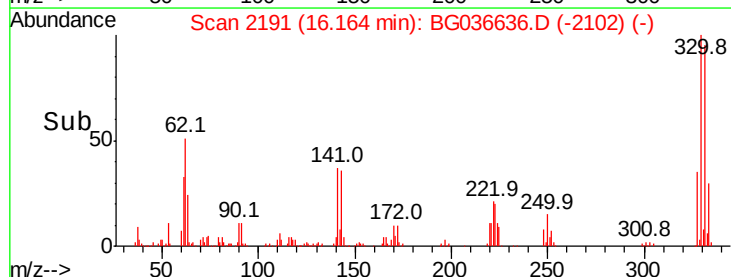
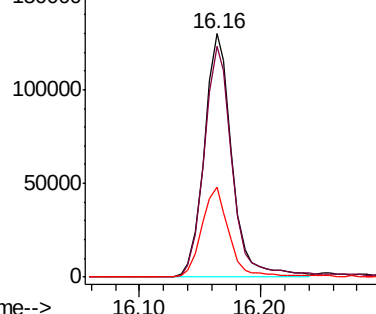


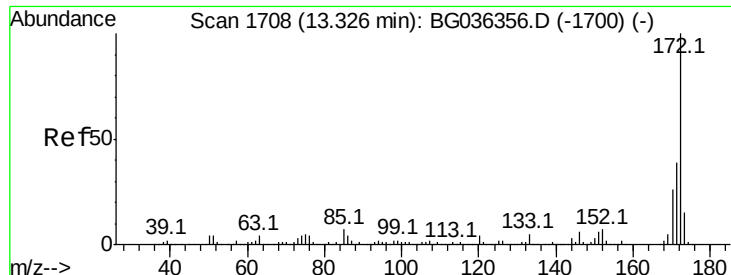
#41
 2,4,6-Tribromophenol
 Concen: 106.775 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	75.4	113.2
141	36.4	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

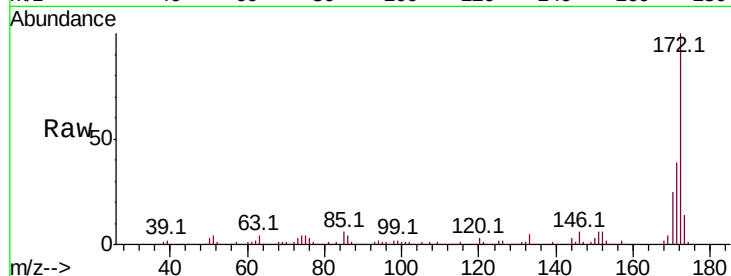




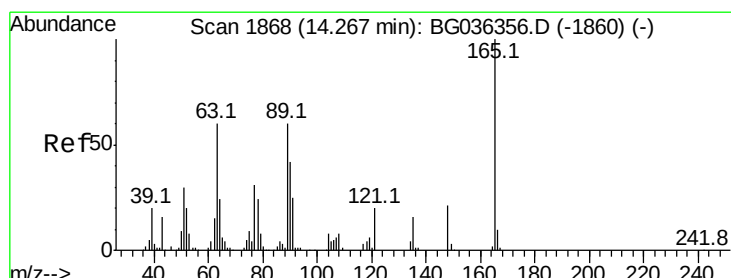
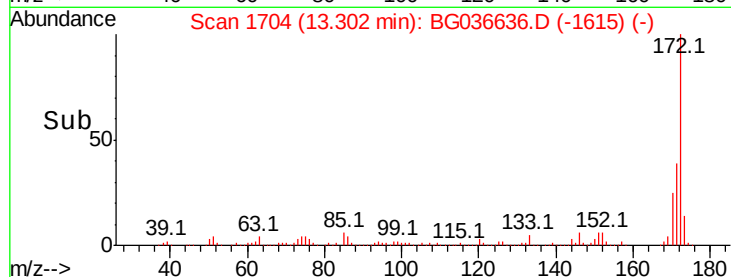
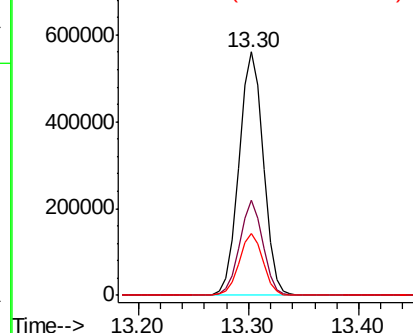
#44
 2-Fluorobiphenyl
 Concen: 75.983 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	25.5	21.0	31.6

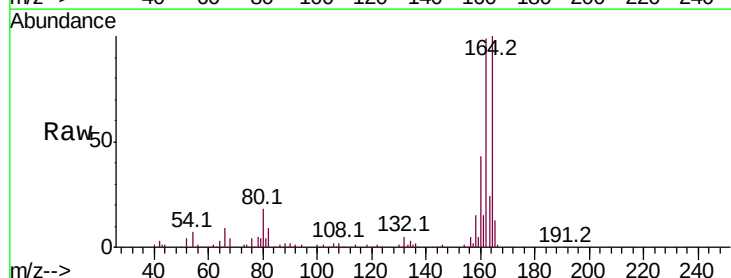


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

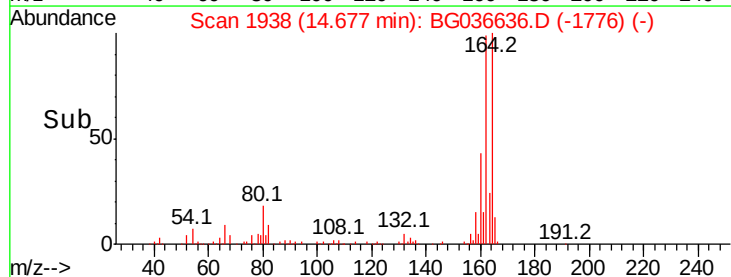
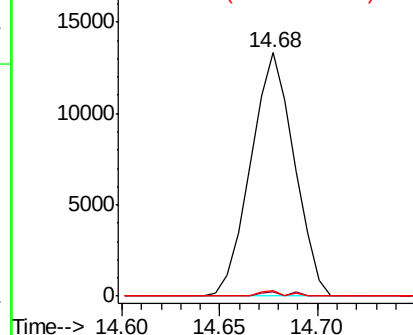


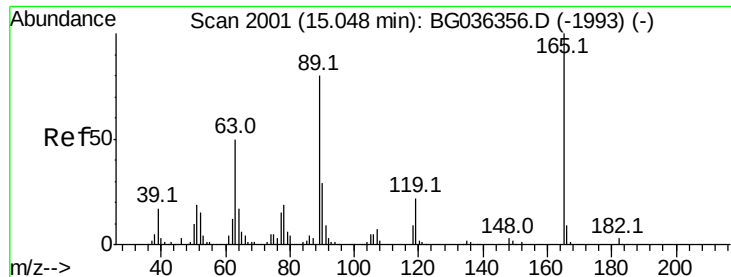
#50
 2,6-Dinitrotoluene
 Concen: 7.449 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.1	75.1#
89	2.5	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

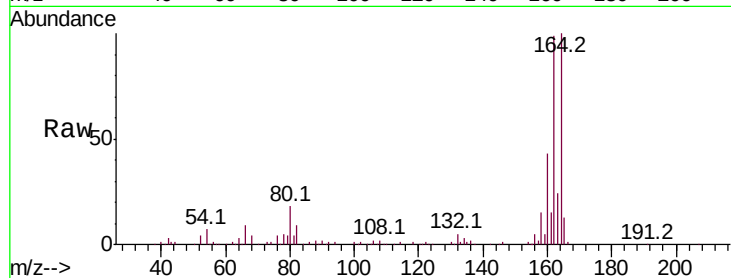




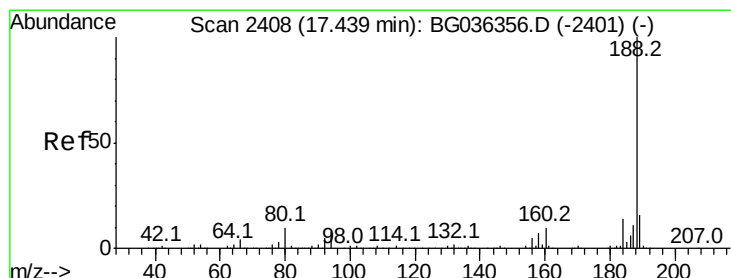
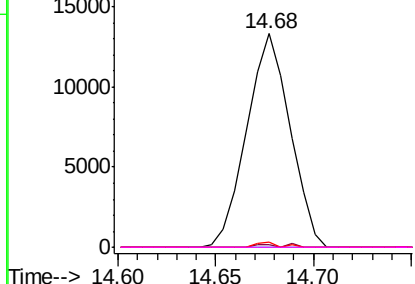
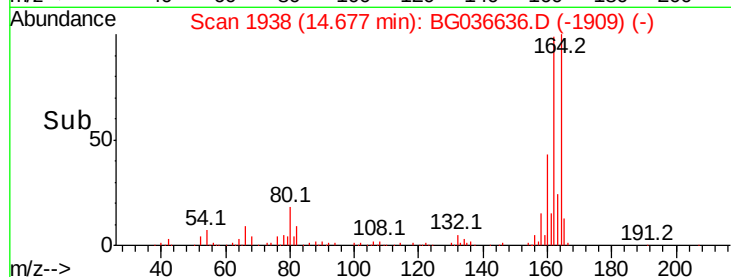
#56
 2,4-Dinitrotoluene
 Concen: 5.716 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20473
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.1 60.1#
 89 2.5 63.7 95.5#
 182 0.0 2.5 3.7#

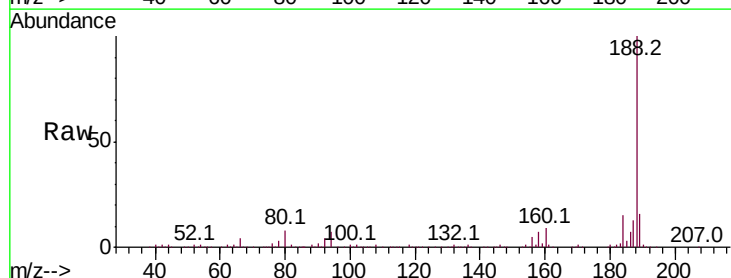


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

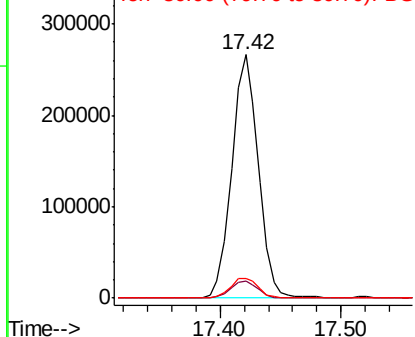
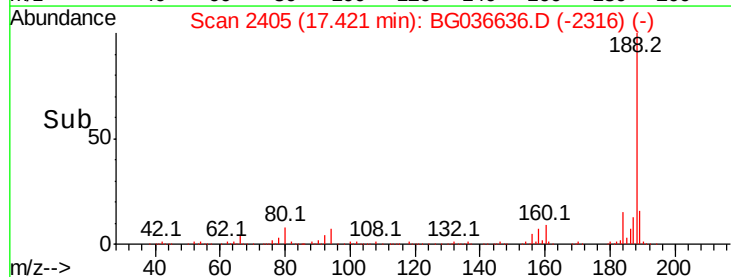


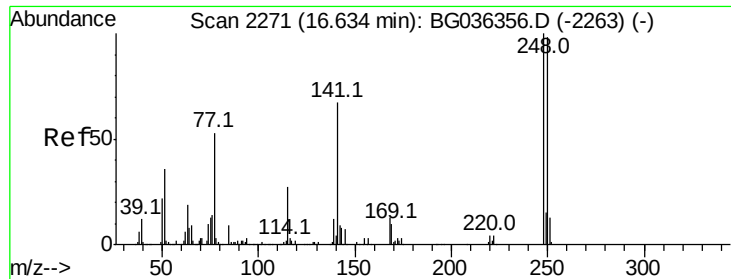
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Tgt Ion:188 Resp: 406491
 Ion Ratio Lower Upper
 188 100
 94 7.0 6.7 10.1
 80 8.1 8.1 12.1#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

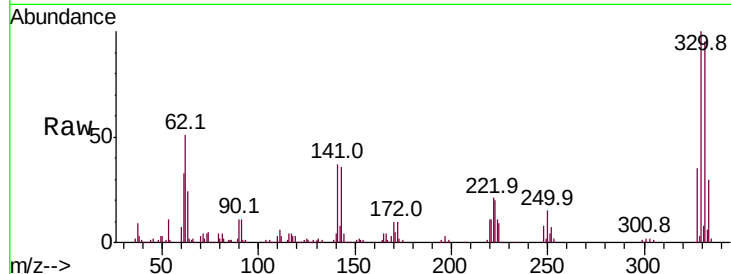




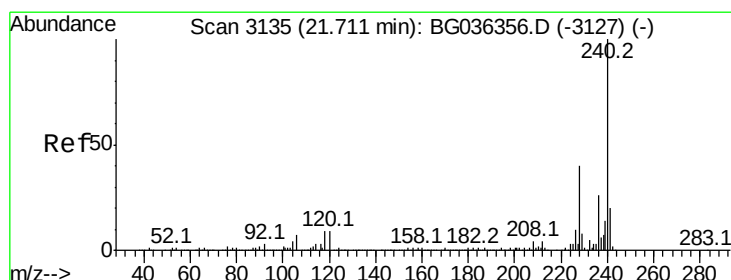
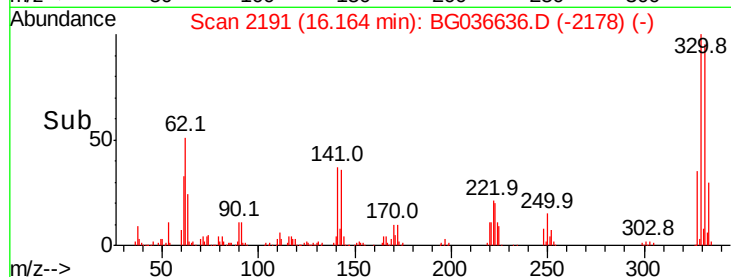
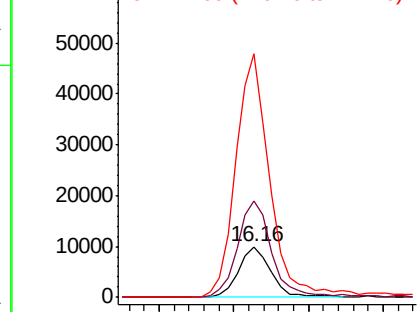
#66
4-Bromophenyl-phenylether
Concen: 3.148 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.45 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14981
Ion Ratio Lower Upper
248 100
250 190.2 78.1 117.1#
141 483.2 53.7 80.5#

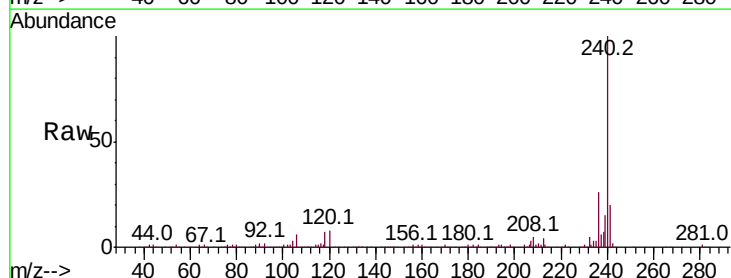


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

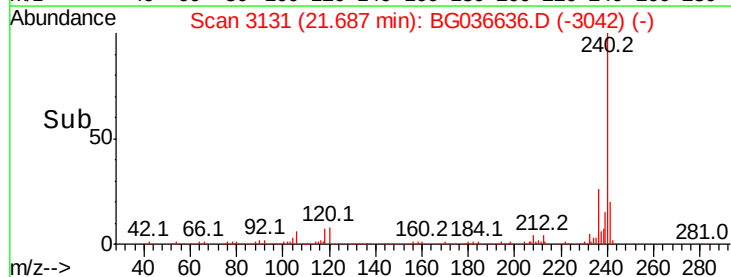
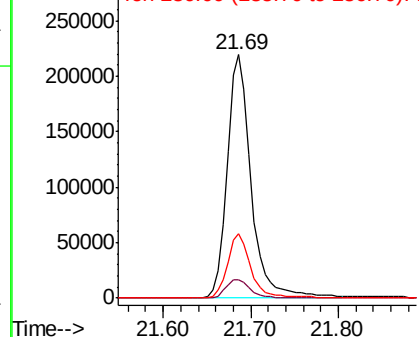


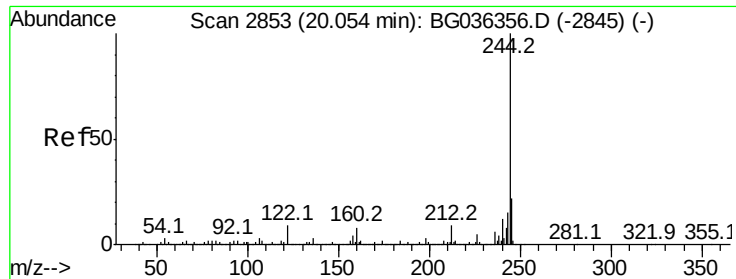
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036636.D
Acq: 10 Sep 2018 22:16

Tgt Ion:240 Resp: 414745
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.4 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



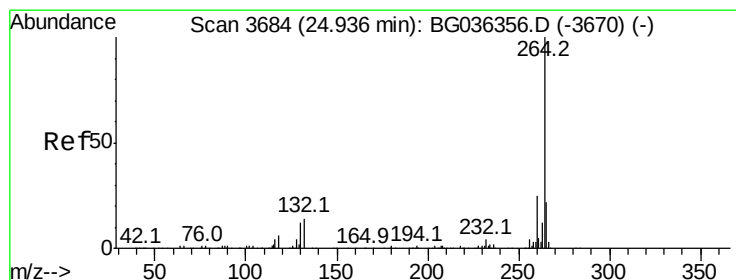
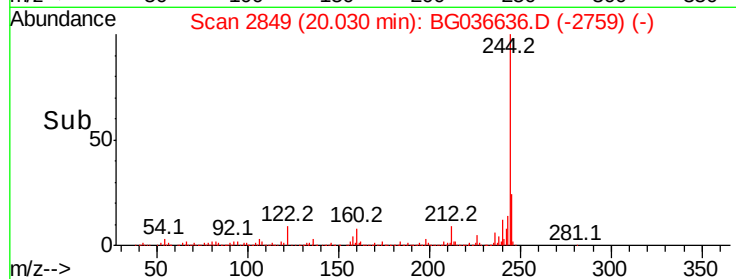
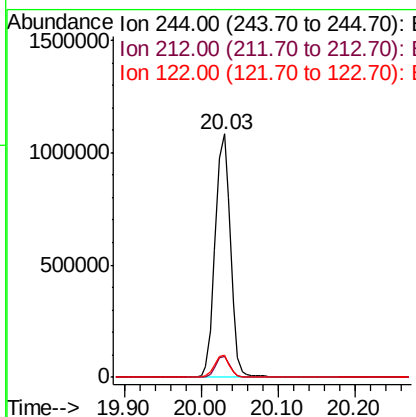
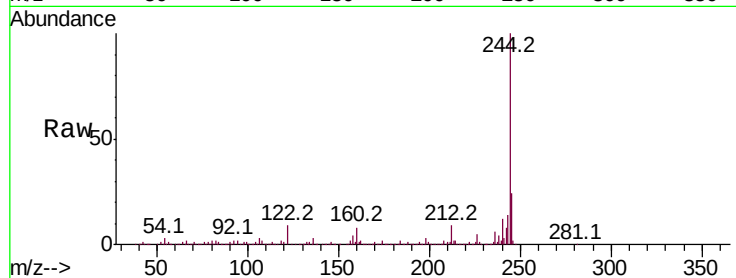


#78
 Terphenyl-d14
 Concen: 83.678 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1484799

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	9.1	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036636.D
 Acq: 10 Sep 2018 22:16

Tgt Ion:264 Resp: 335891

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	22.3	17.4	26.0

