

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036778.D
 Acq On : 18 Sep 2018 7:59
 Operator : JU/SJ
 Sample : J4929-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 11:27:20 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

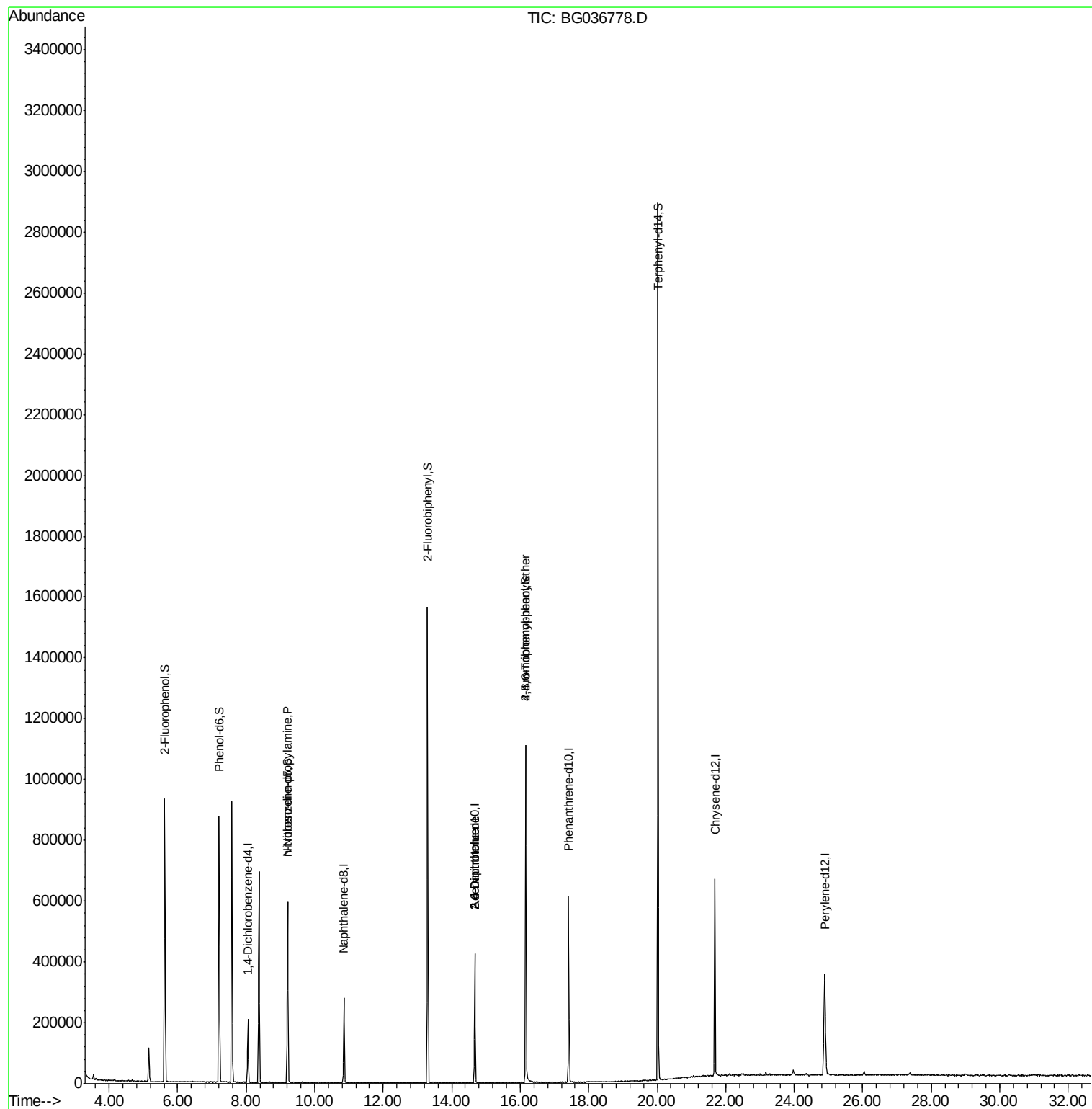
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58806	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	236906	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	150879	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	391026	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	410414	20.00	ng	0.00
86) Perylene-d12	24.89	264	405492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	375271	101.23	ng	0.00
7) Phenol-d6	7.21	99	479507	90.34	ng	0.00
23) Nitrobenzene-d5	9.21	82	365763	83.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	217495	120.81	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	812673	76.91	ng	-0.02
78) Terphenyl-d14	20.03	244	1399388	79.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	48579	12.246	ng	# 74
50) 2,6-Dinitrotoluene	14.68	165	19205	7.576	ng	# 24
56) 2,4-Dinitrotoluene	14.68	165	19205	5.813	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	15644	3.417	ng	# 1

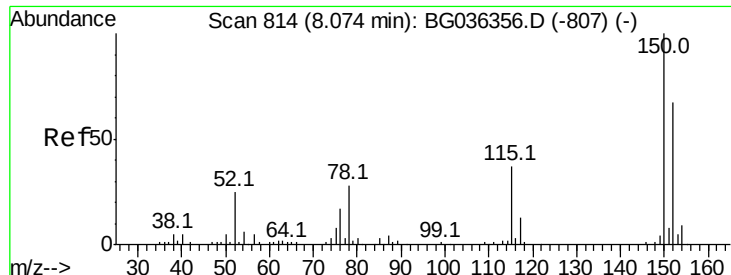
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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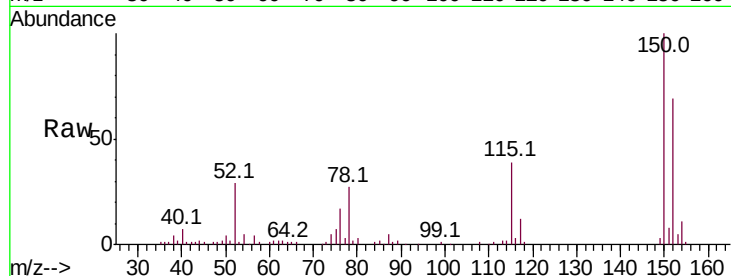


#1

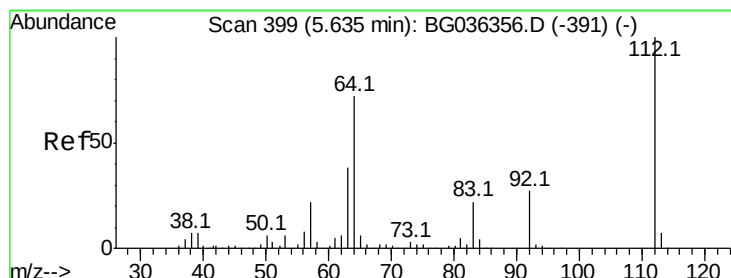
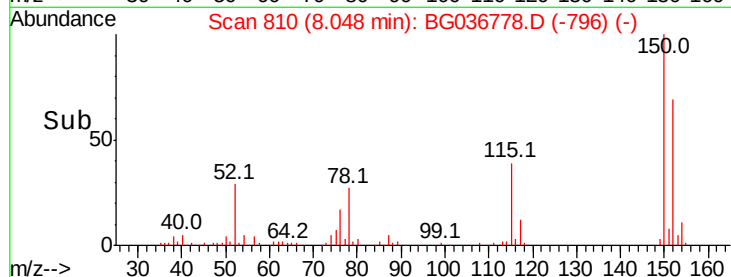
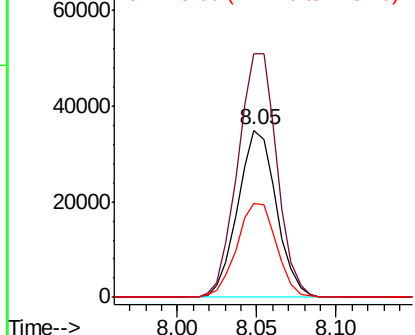
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.6	119.5	179.3
115	56.3	44.5	66.7



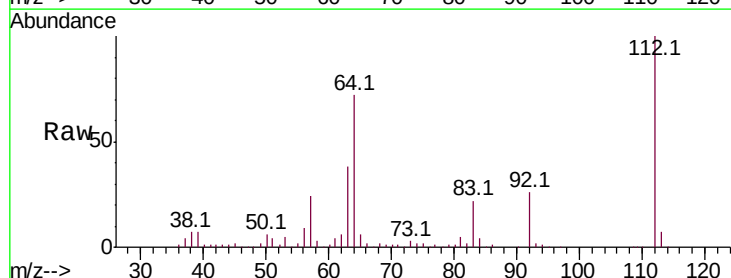
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



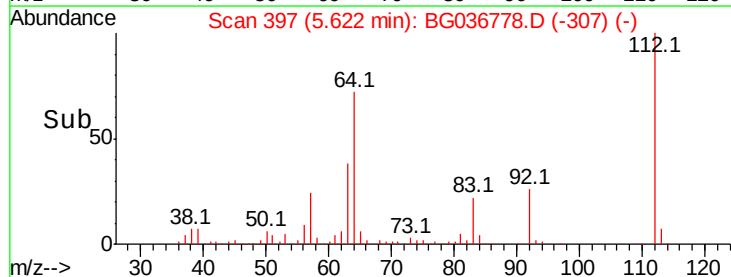
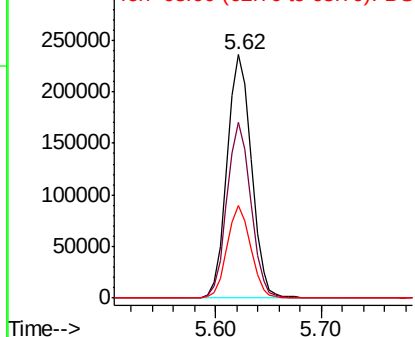
#5

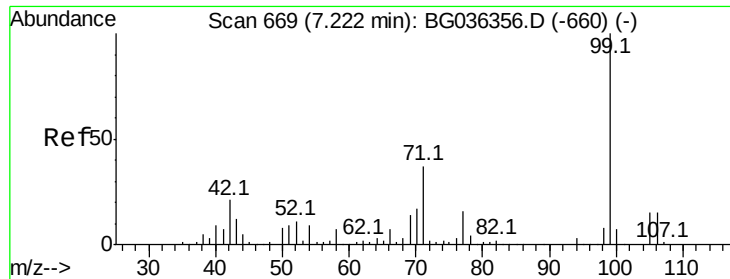
2-Fluorophenol
Concen: 101.230 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.2	85.8
63	37.8	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: 90.342 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036778.D

Acq: 18 Sep 2018 7:59

Instrument :

BNA_G

ClientSampleId :

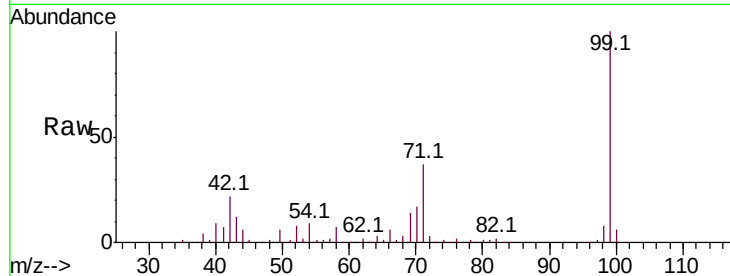
Tot Ion: 99 Resp: 479507

Ion Ratio Lower Upper

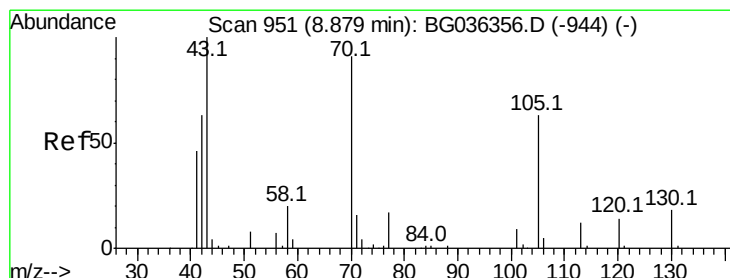
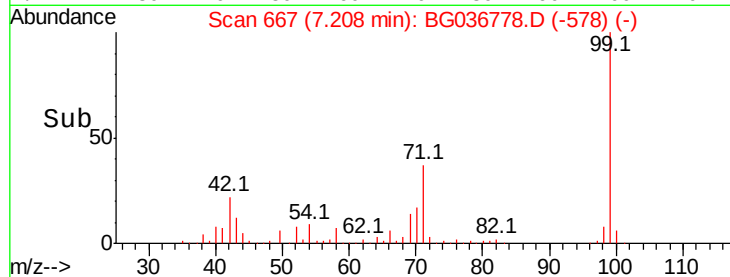
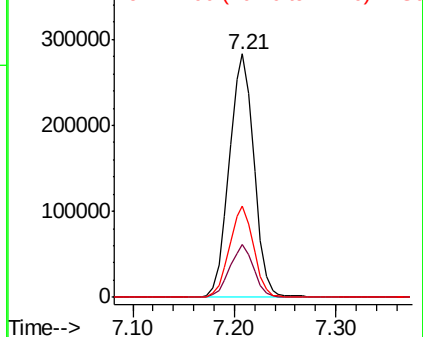
99 100

42 21.6 16.5 24.7

71 37.5 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: 12.246 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036778.D

Acq: 18 Sep 2018 7:59

Tgt Ion: 70 Resp: 48579

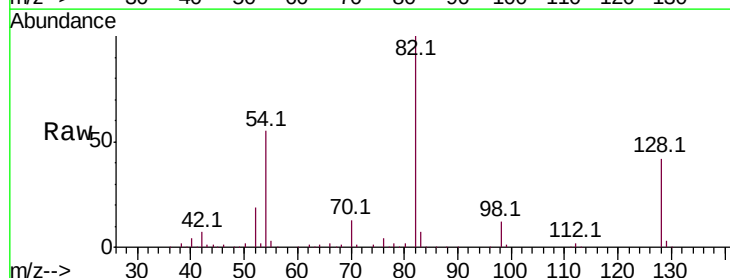
Ion Ratio Lower Upper

70 100

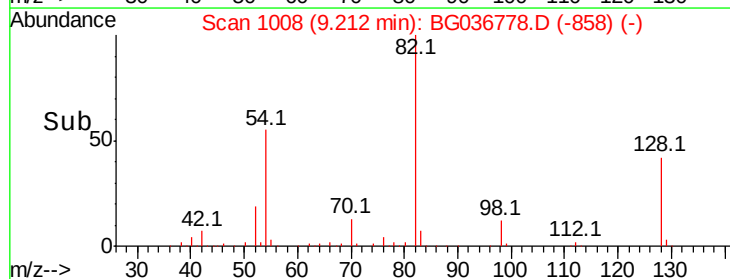
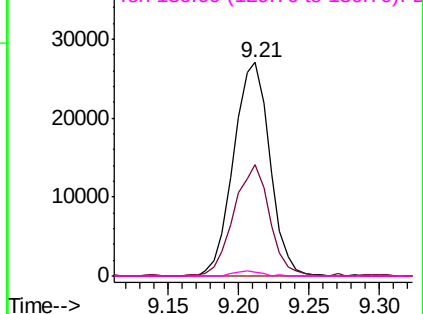
42 52.4 56.2 84.4#

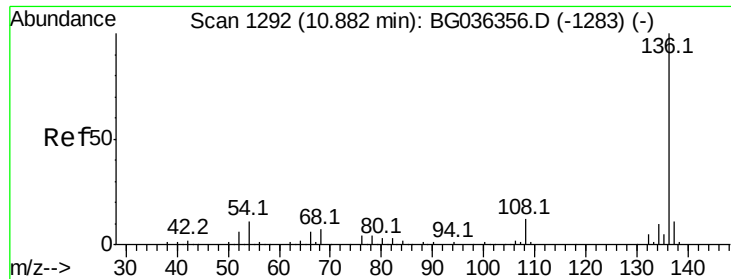
101 0.0 7.8 11.6#

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

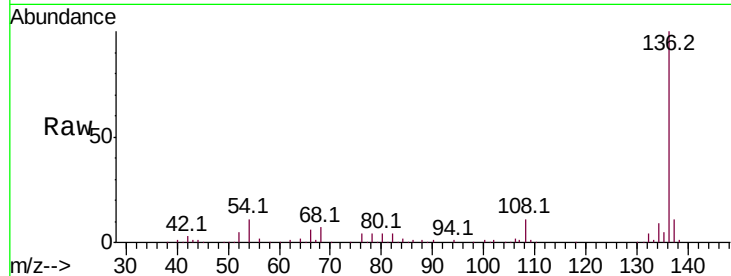




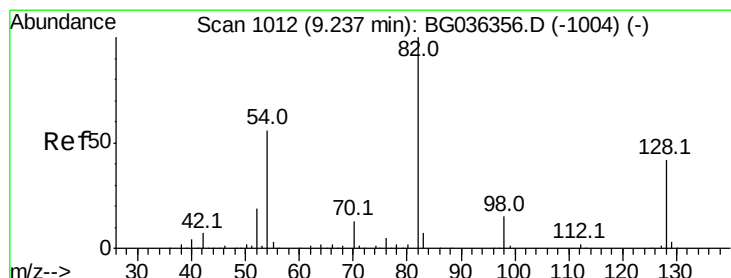
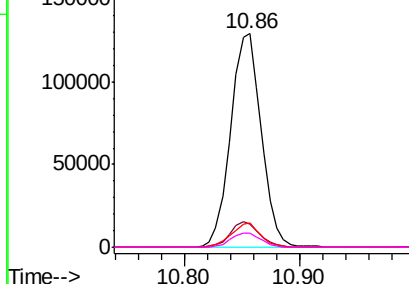
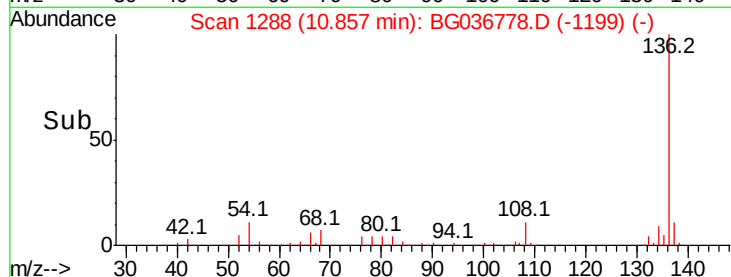
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	236906
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	11.5	9.2	13.8
68	6.5	5.8	8.6

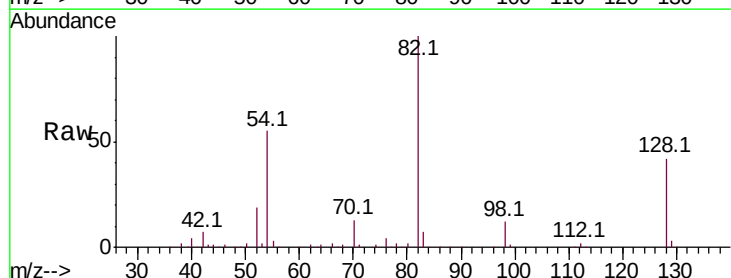


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

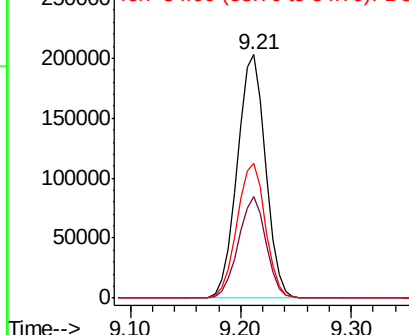
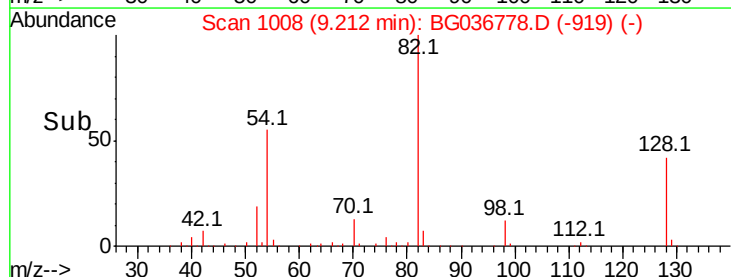


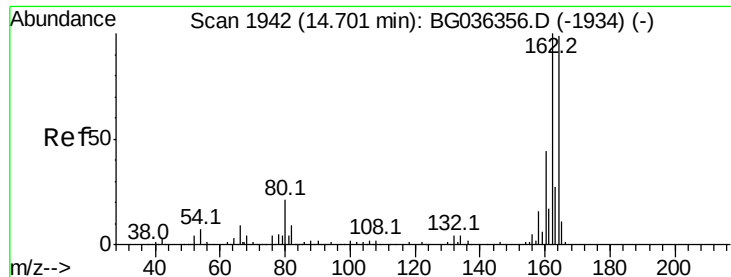
#23
Nitrobenzene-d5
Concen: 83.768 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036778.D
Acq: 18 Sep 2018 7:59

Tgt Ion:	82	Resp:	365763
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.3	49.9
54	55.3	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036778.D

Acq: 18 Sep 2018 7:59

Instrument :

BNA_G

ClientSampleId :

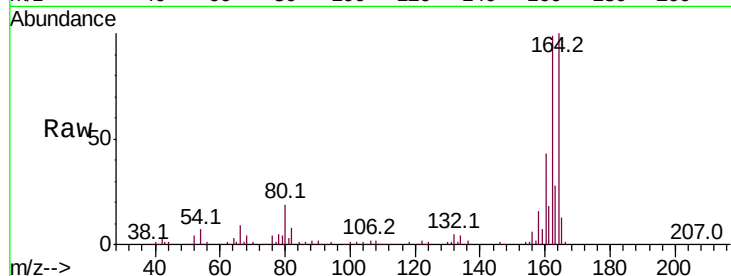
Tot Ion:164 Resp: 150879

Ion Ratio Lower Upper

164 100

162 99.2 80.7 121.1

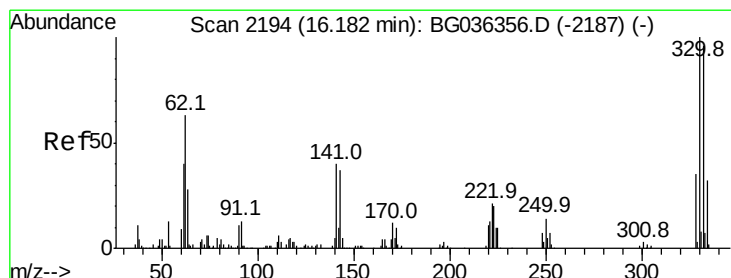
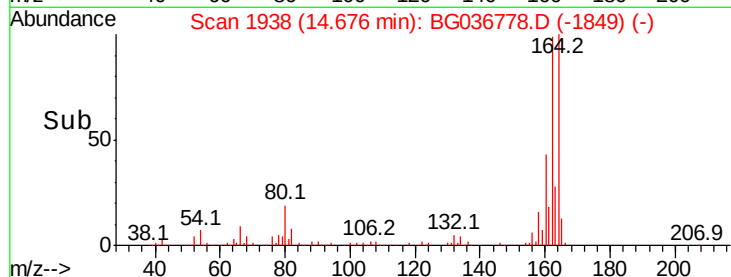
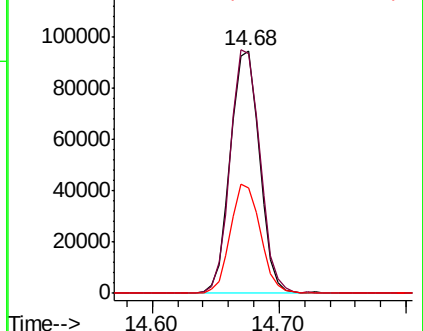
160 43.2 35.3 52.9



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: 120.809 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036778.D

Acq: 18 Sep 2018 7:59

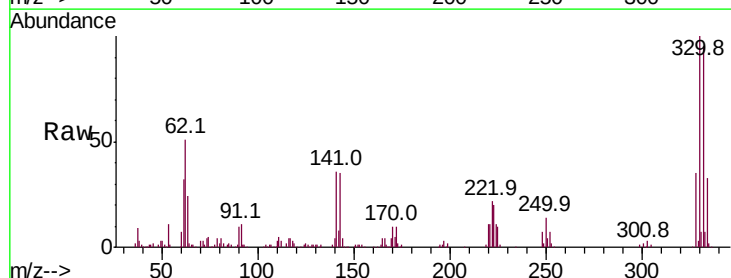
Tgt Ion:330 Resp: 217495

Ion Ratio Lower Upper

330 100

332 94.5 75.4 113.2

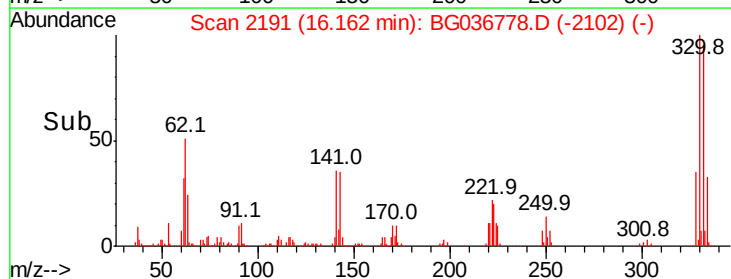
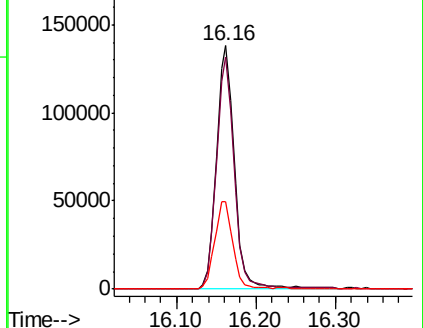
141 36.4 30.7 46.1

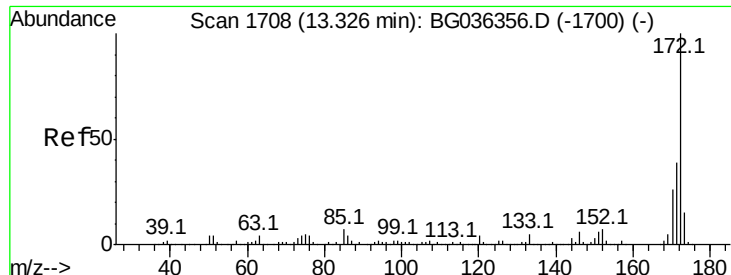


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

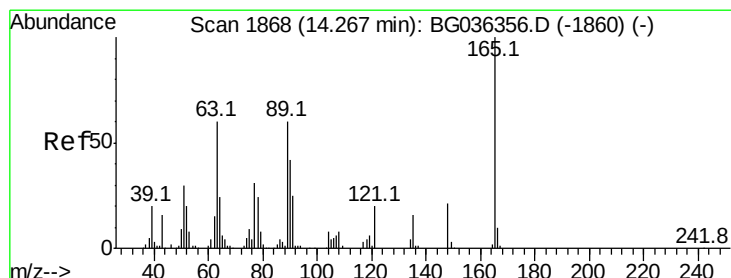
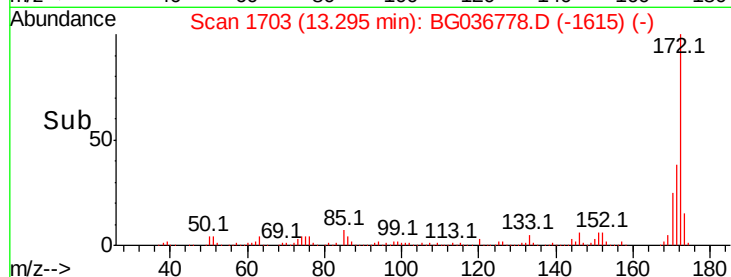
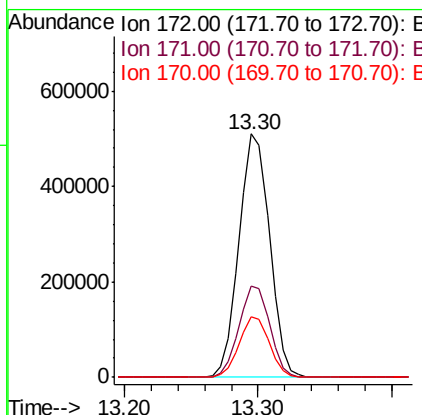
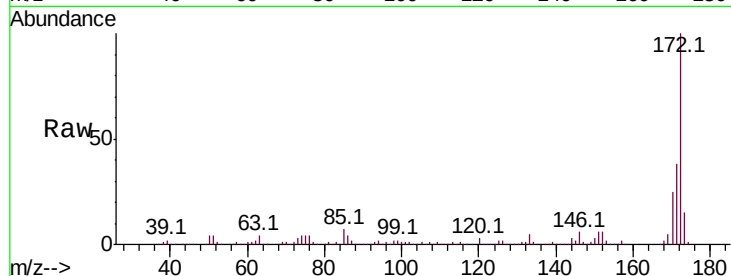




#44
 2-Fluorobiphenyl
 Concen: 76.906 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

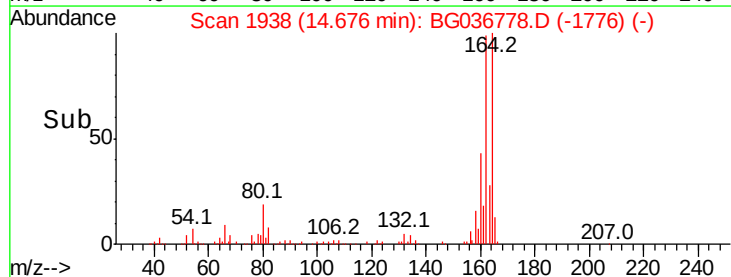
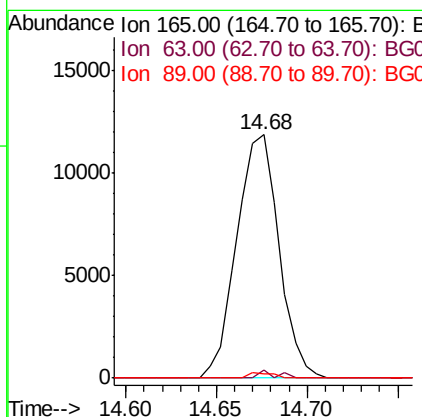
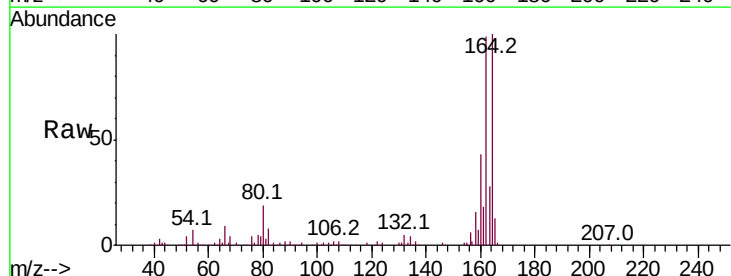
Instrument :
 BNA_G
 ClientSampleId :

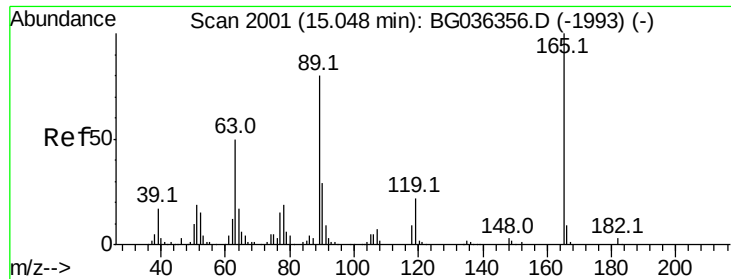
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.3	46.9
170	24.9	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.576 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	50.1	75.1#
89	2.0	47.8	71.6#

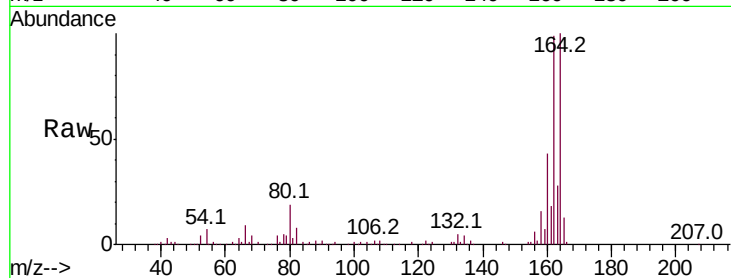




#56
 2,4-Dinitrotoluene
 Concen: 5.813 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.5	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

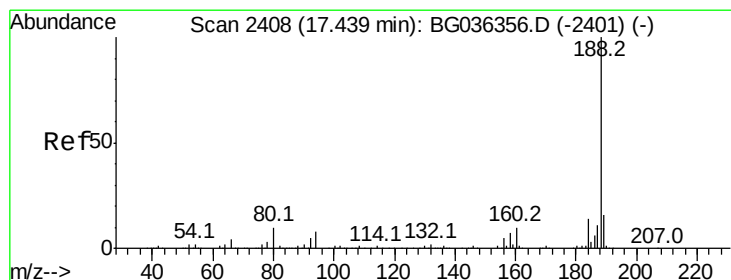
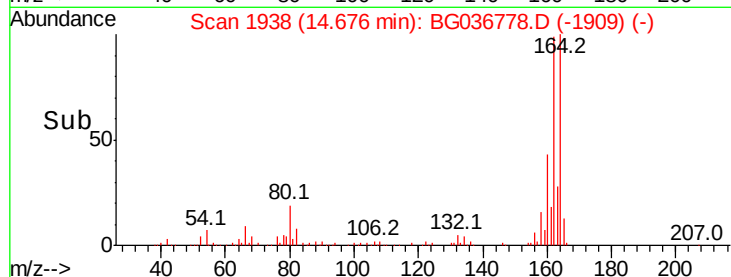
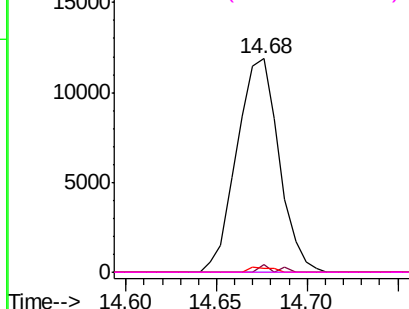


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

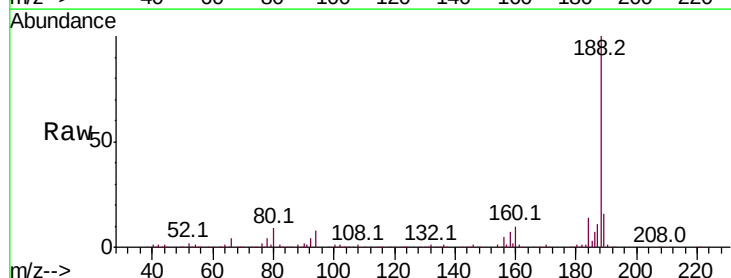
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.02 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

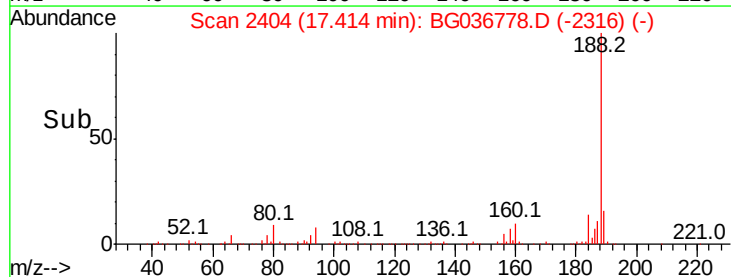
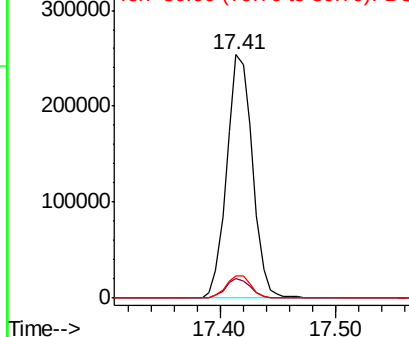
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.1	8.1	12.1

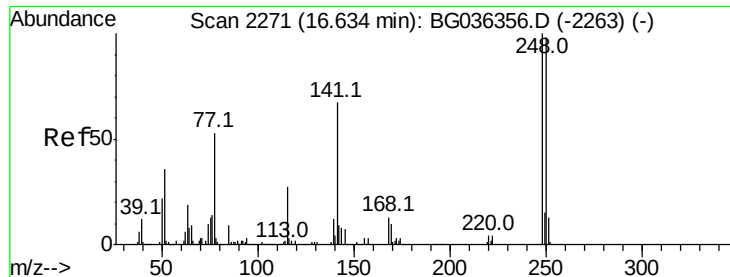


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

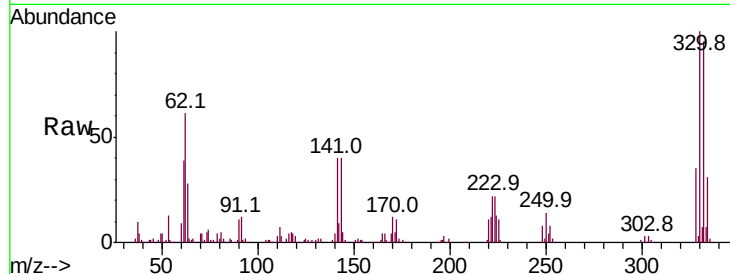




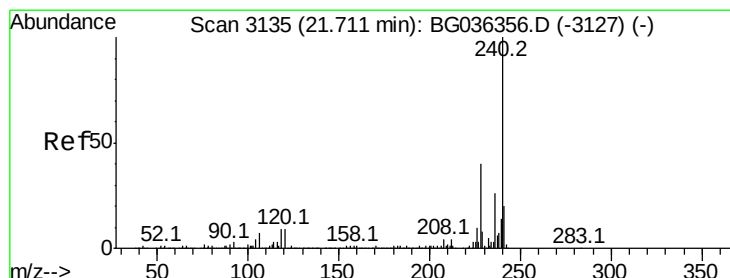
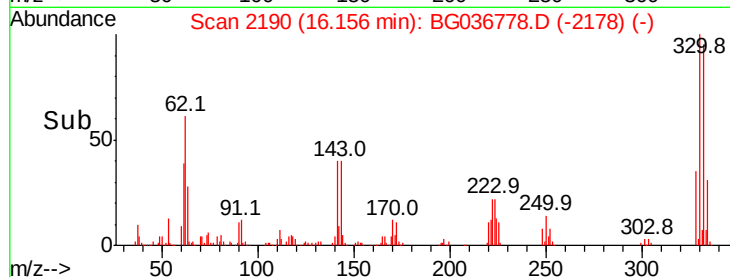
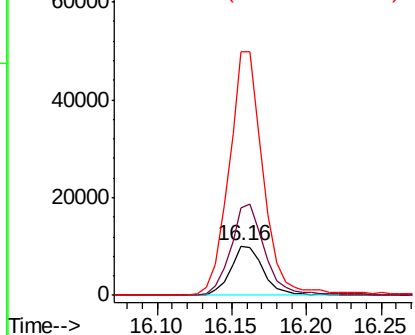
#66
 4-Bromophenyl-phenylether
 Concen: 3.417 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15644
 Ion Ratio Lower Upper
 248 100
 250 176.5 78.1 117.1#
 141 493.3 53.7 80.5#

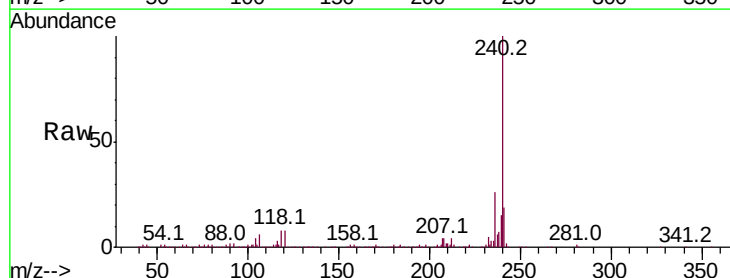


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

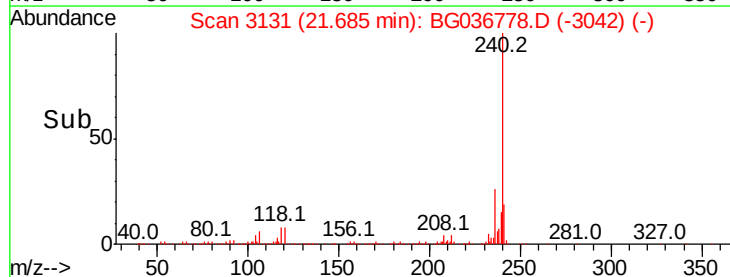
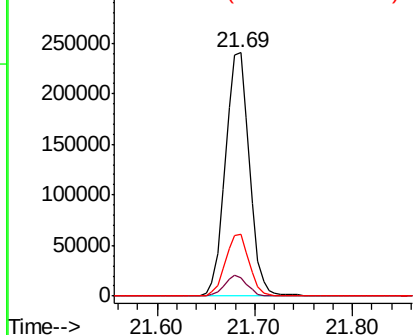


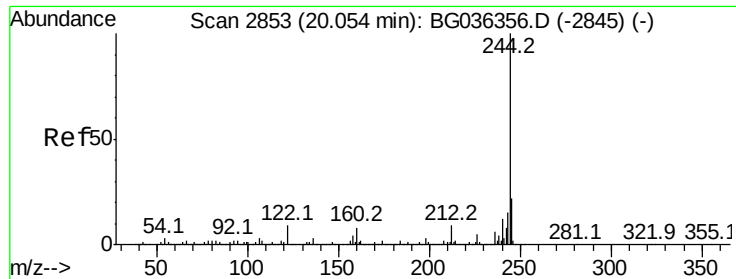
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Tgt Ion:240 Resp: 410414
 Ion Ratio Lower Upper
 240 100
 120 7.8 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



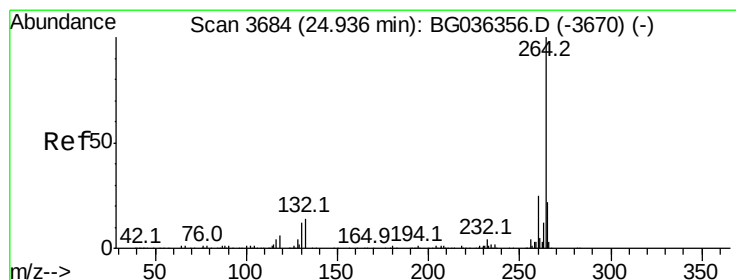
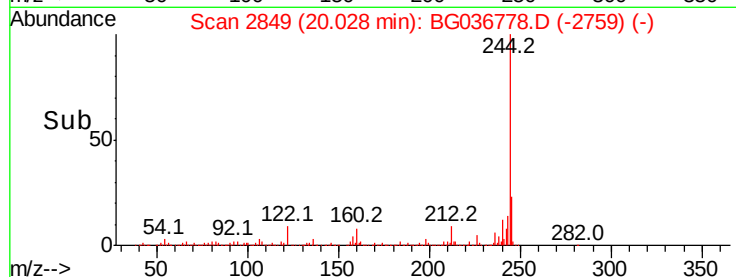
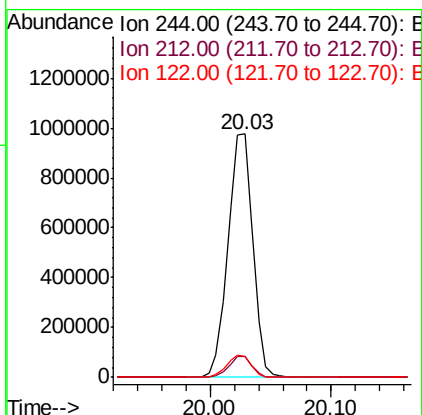
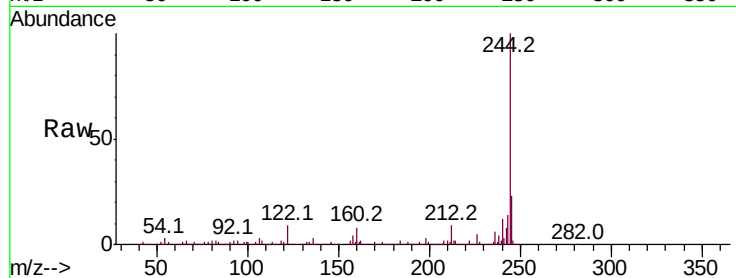


#78
 Terphenyl-d14
 Concen: 79.696 ng
 RT: 20.03 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG036778.D
 Acq: 18 Sep 2018 7:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1399388

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.8	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: BG036778.D
 Acq: 18 Sep 2018 7:59

Tgt Ion:264 Resp: 405492

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	21.6	17.4	26.0

