

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036780.D
 Acq On : 18 Sep 2018 9:17
 Operator : JU/SJ
 Sample : J4936-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 11:27:37 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

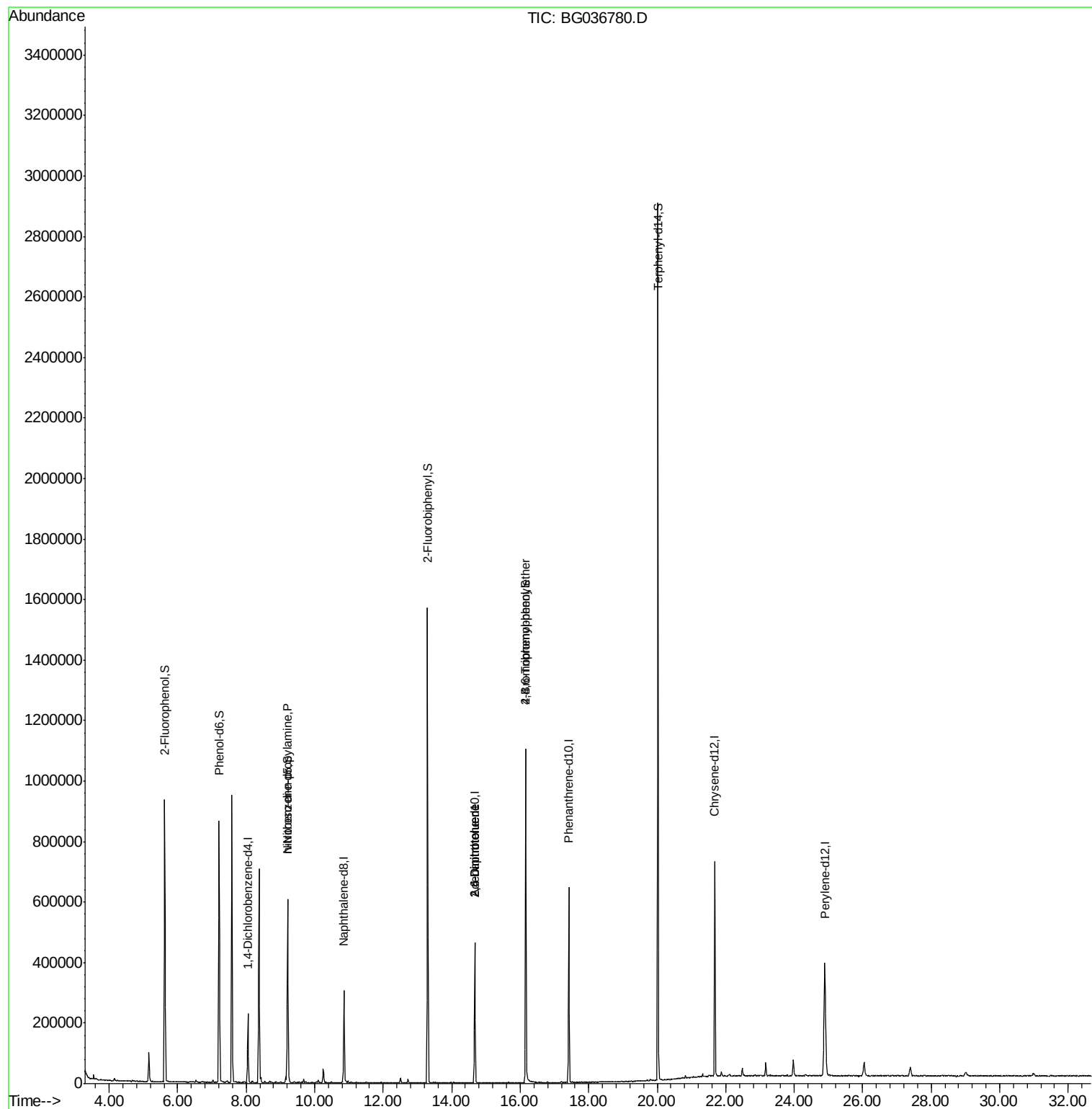
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63217	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	259287	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	164556	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	411530	20.00	ng	0.00
75) Chrysene-d12	21.68	240	429200	20.00	ng	-0.02
86) Perylene-d12	24.89	264	421468	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	378859	95.07	ng	0.00
7) Phenol-d6	7.21	99	483018	84.65	ng	0.00
23) Nitrobenzene-d5	9.21	82	366433	76.68	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	216430	110.23	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	808760	70.17	ng	-0.02
78) Terphenyl-d14	20.02	244	1356702	73.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	48094	11.278	ng	# 66
50) 2,6-Dinitrotoluene	14.67	165	21078	7.623	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	21078	5.849	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	15283	3.172	ng	# 1

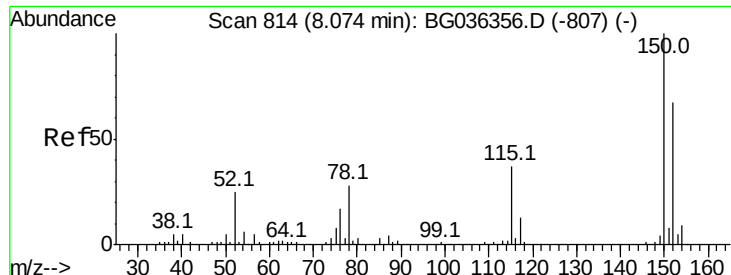
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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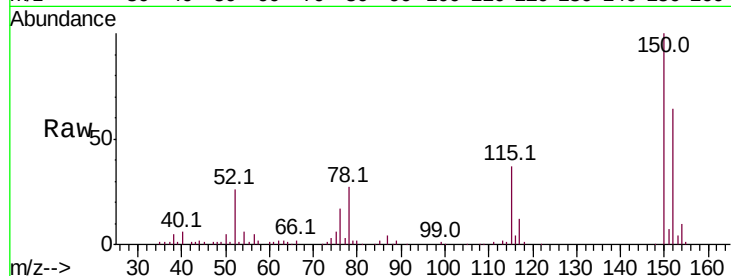


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.5	179.3
115	58.5	44.5	66.7

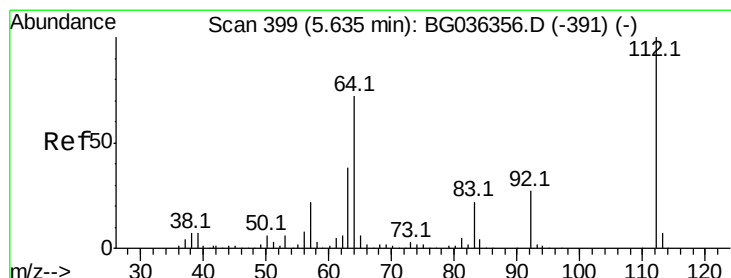
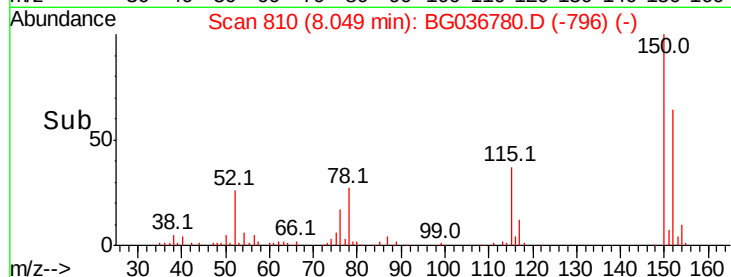
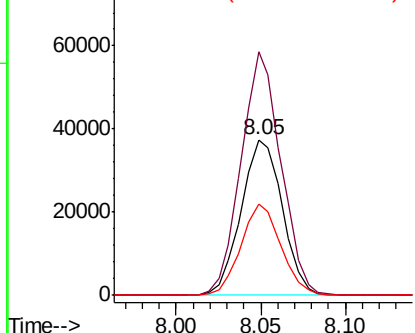


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

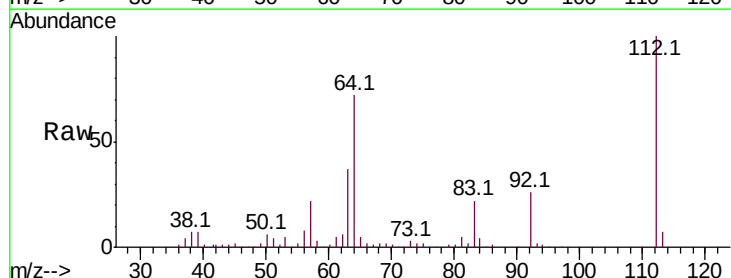
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.067 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.2	85.8
63	37.0	30.8	46.2

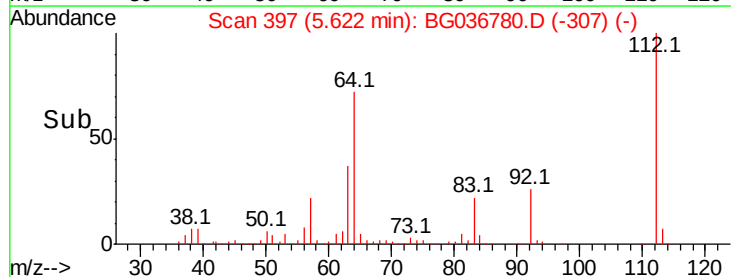
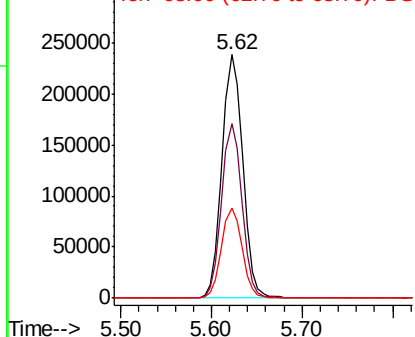


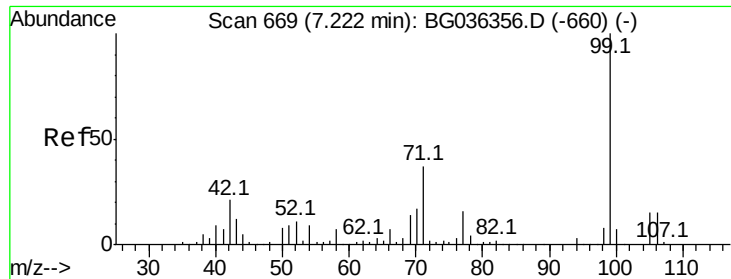
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 84.654 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036780.D

Acq: 18 Sep 2018 9:17

Instrument :

BNA_G

ClientSampleId :

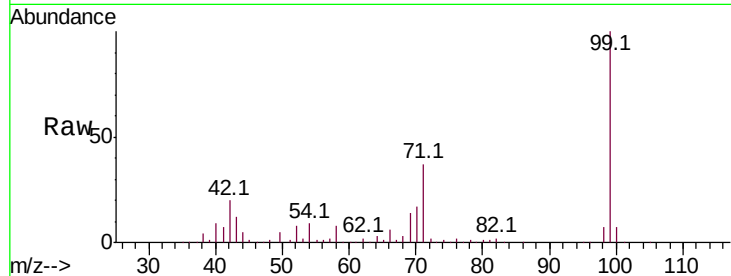
Tot Ion: 99 Resp: 483018

Ion Ratio Lower Upper

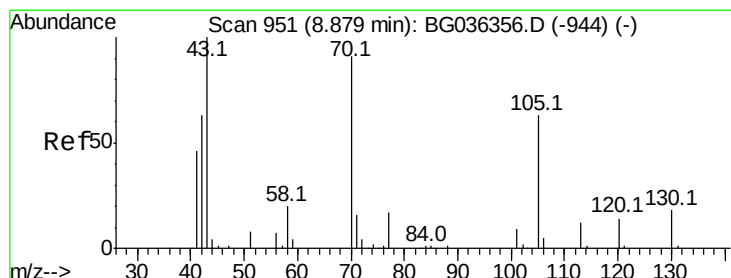
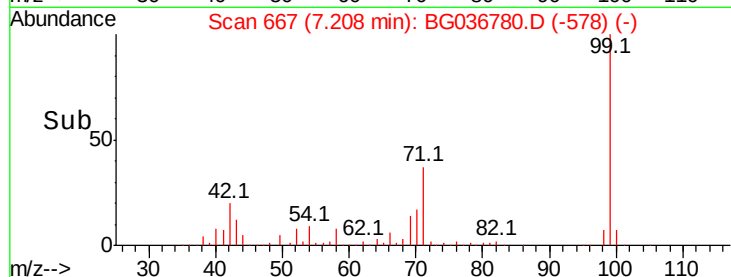
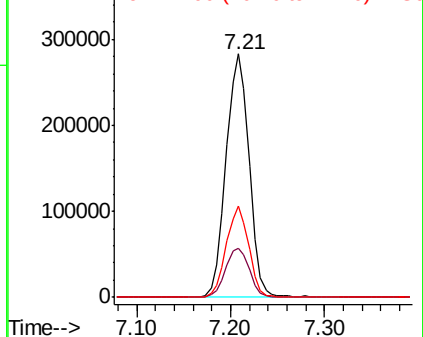
99 100

42 20.3 16.5 24.7

71 37.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 11.278 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036780.D

Acq: 18 Sep 2018 9:17

Tgt Ion: 70 Resp: 48094

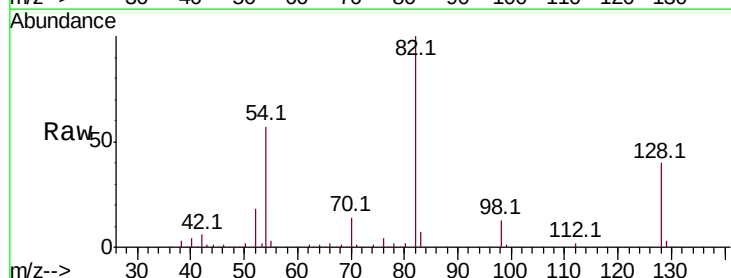
Ion Ratio Lower Upper

70 100

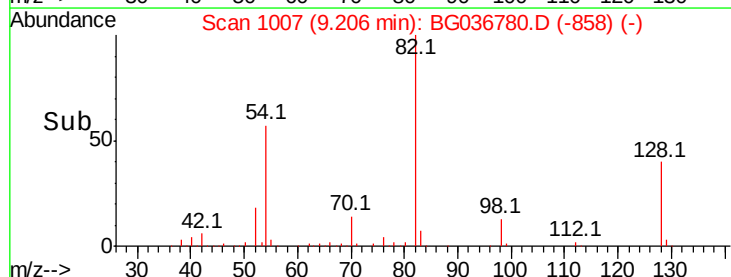
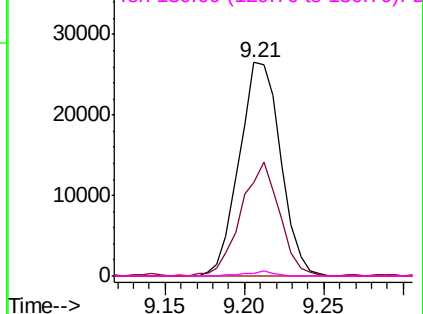
42 43.5 56.2 84.4#

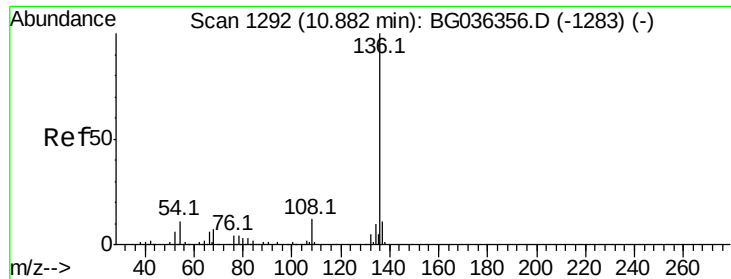
101 0.0 7.8 11.6#

130 1.4 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

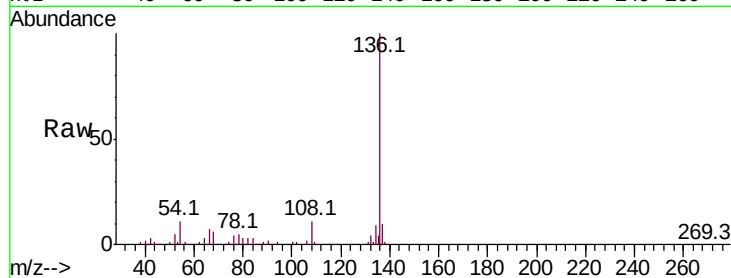




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	259287
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	10.7	9.2	13.8
68	6.1	5.8	8.6



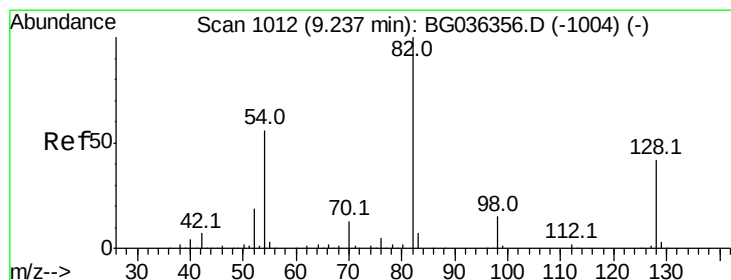
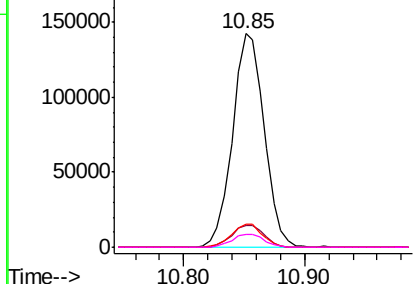
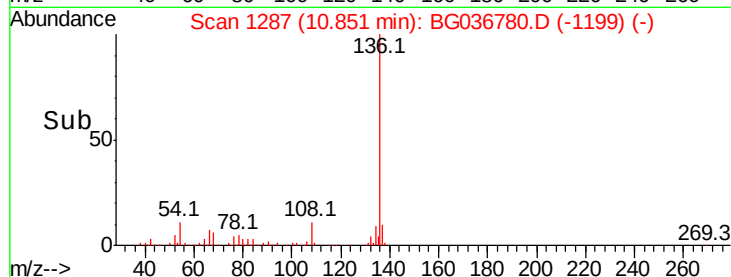
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

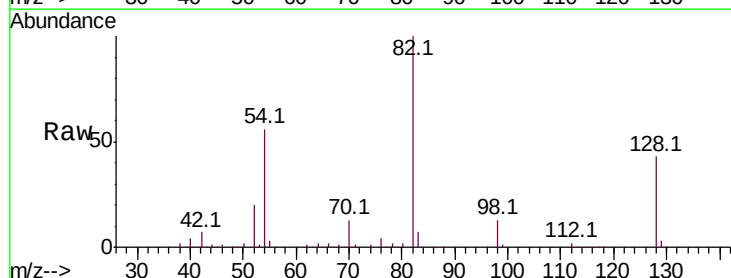
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 76.677 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

Tgt Ion:	82	Resp:	366433
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	56.2	45.1	67.7

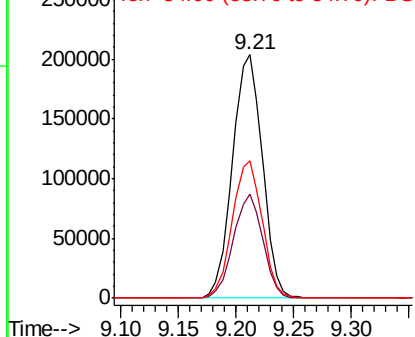
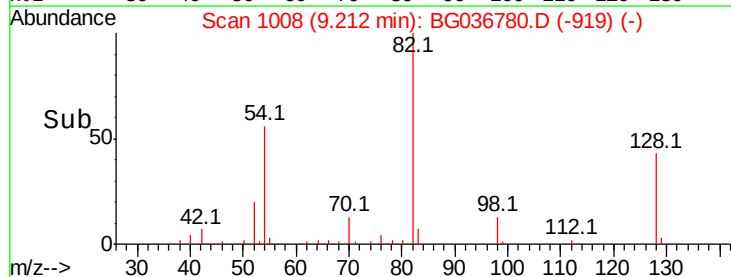


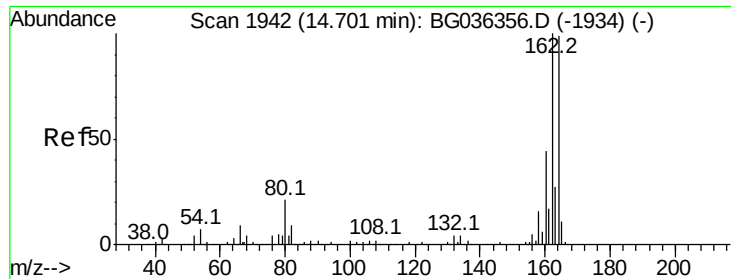
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

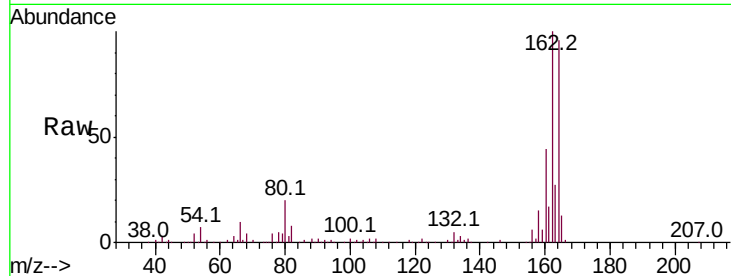




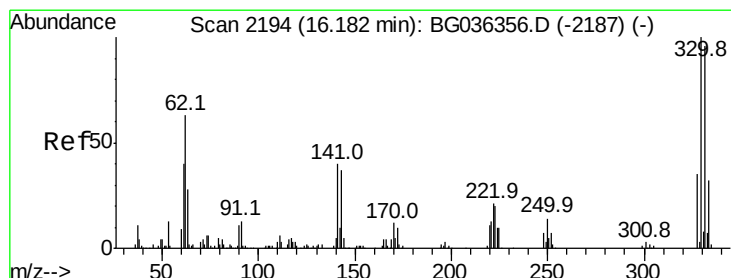
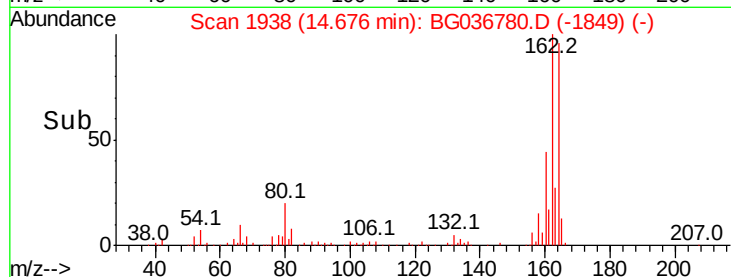
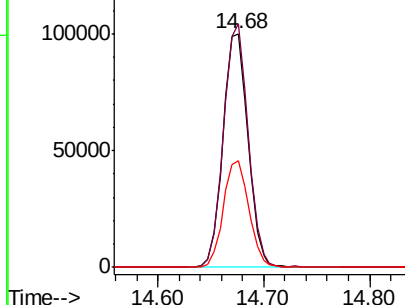
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 164556
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.7 121.1
 160 45.5 35.3 52.9

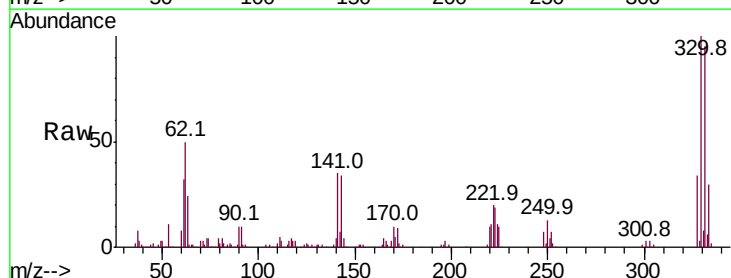


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

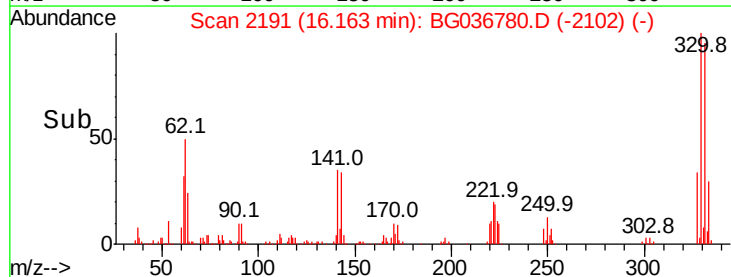
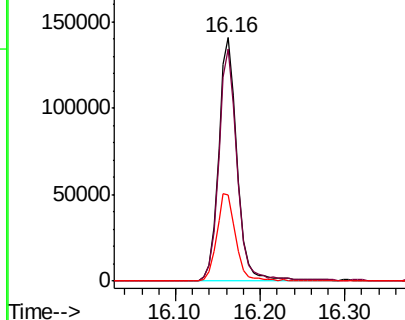


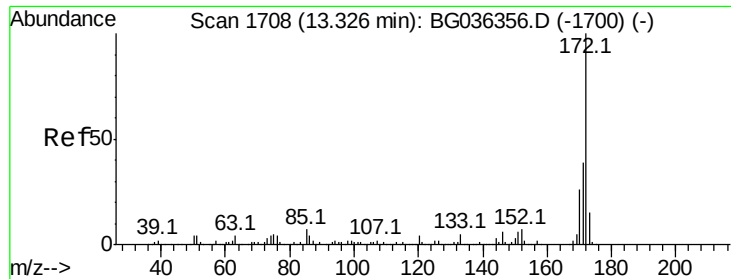
#41
 2,4,6-Tribromophenol
 Concen: 110.225 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Tgt Ion:330 Resp: 216430
 Ion Ratio Lower Upper
 330 100
 332 94.3 75.4 113.2
 141 37.3 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

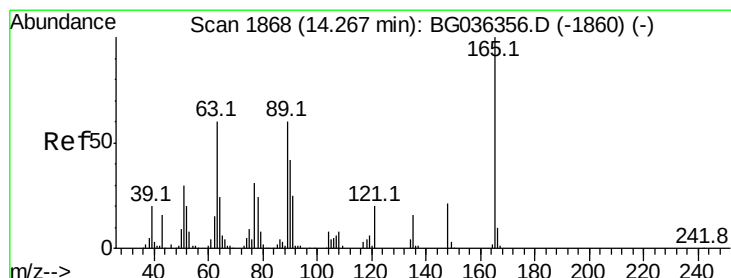
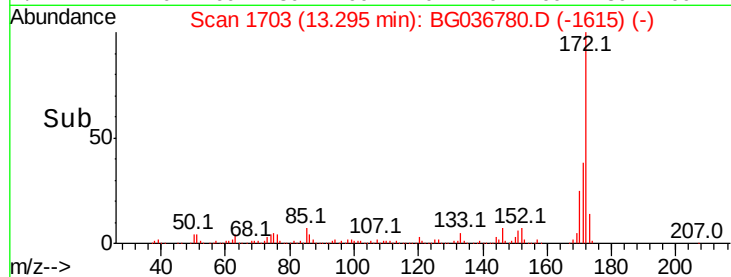
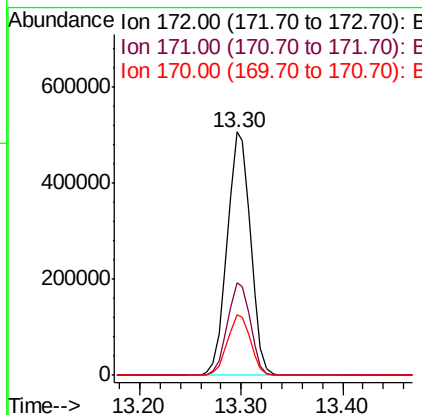
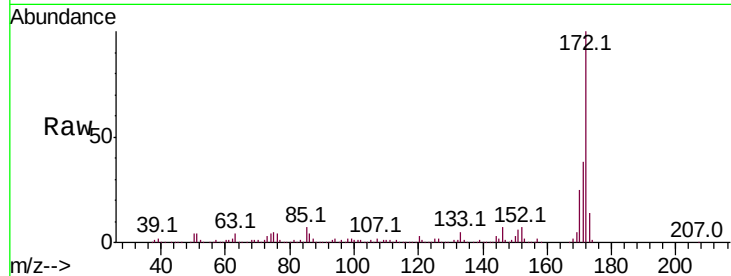




#44
 2-Fluorobiphenyl
 Concen: 70.174 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

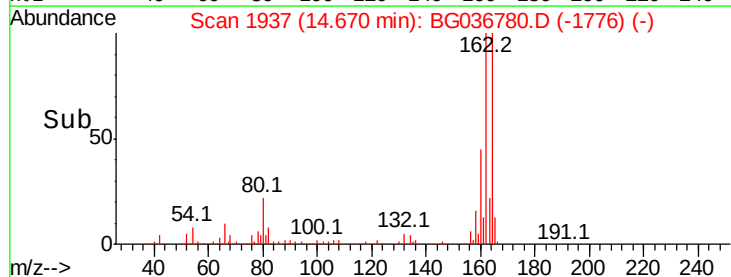
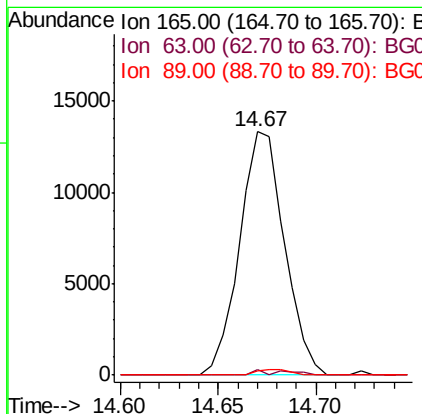
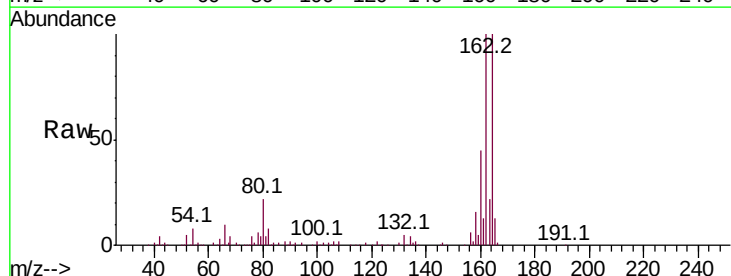
Instrument :
 BNA_G
 ClientSampleId :

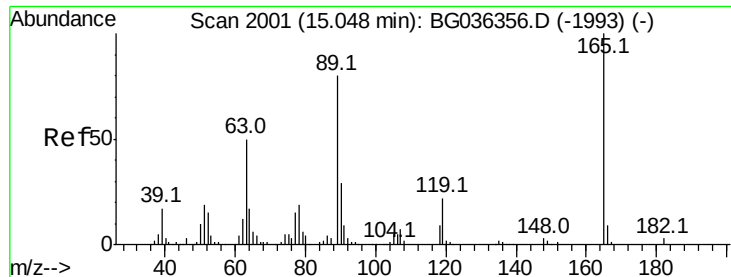
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.9	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.623 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	50.1	75.1#
89	1.9	47.8	71.6#

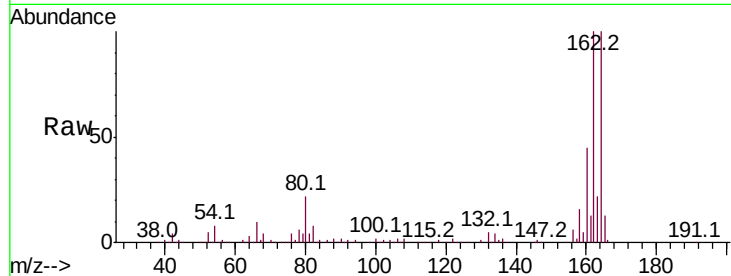




#56
 2,4-Dinitrotoluene
 Concen: 5.849 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	40.1	60.1#
89	1.9	63.7	95.5#
182	0.0	2.5	3.7#



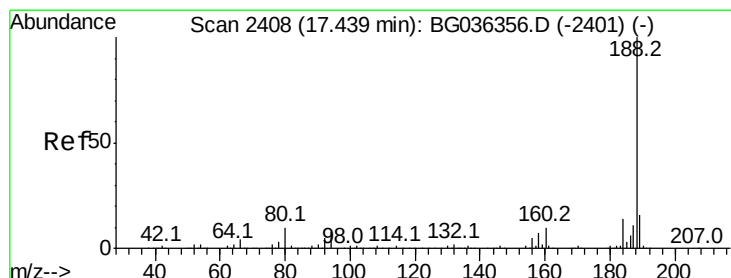
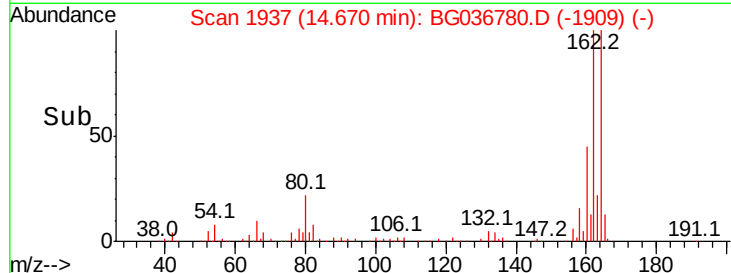
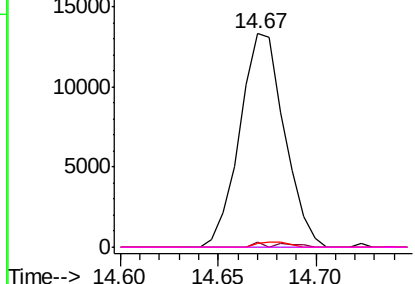
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

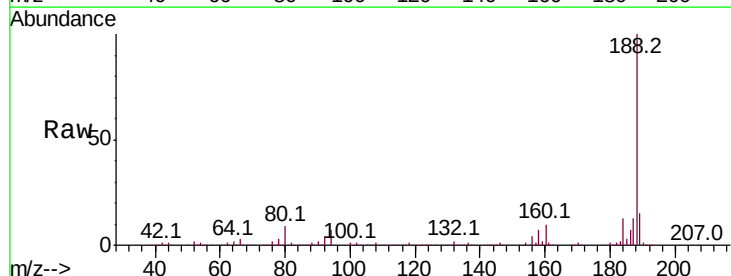
Ion 89.00 (88.70 to 89.70): BGC

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: BG036780.D
 Acq: 18 Sep 2018 9:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.7	10.1
80	8.7	8.1	12.1

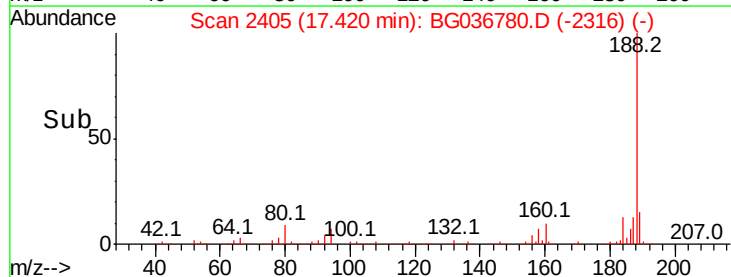
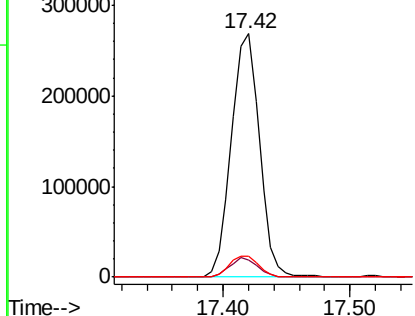


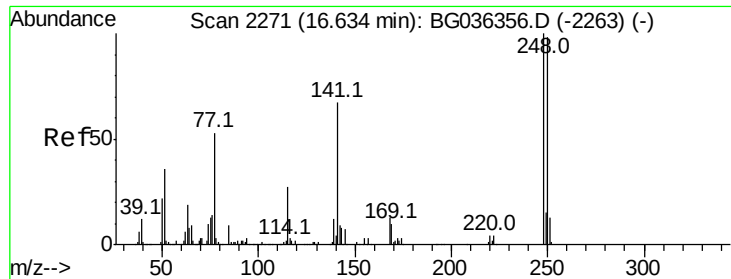
Abundance

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

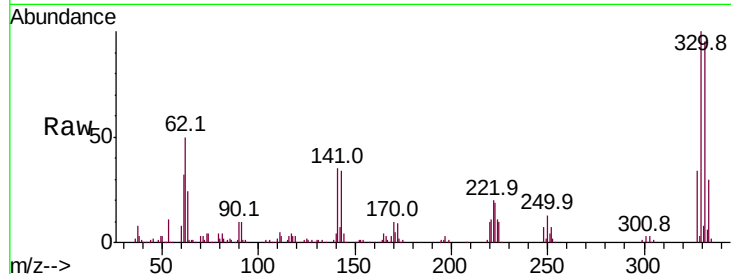




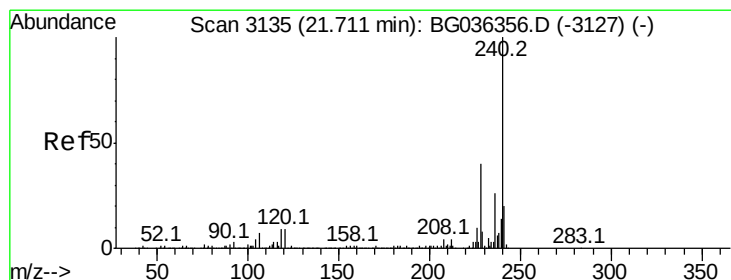
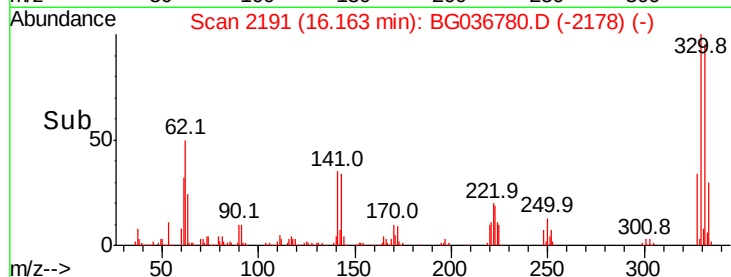
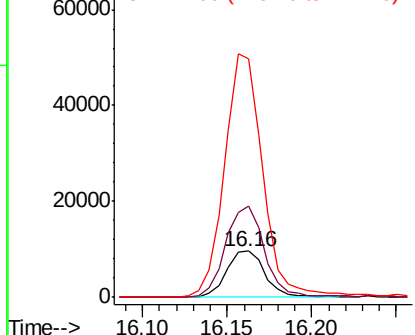
#66
 4-Bromophenyl-phenylether
 Concen: 3.172 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15283
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.1 117.1#
 141 516.3 53.7 80.5#

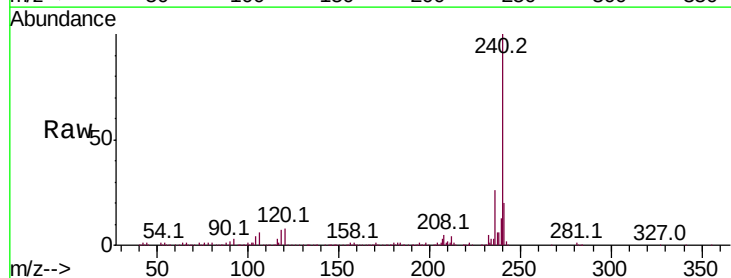


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

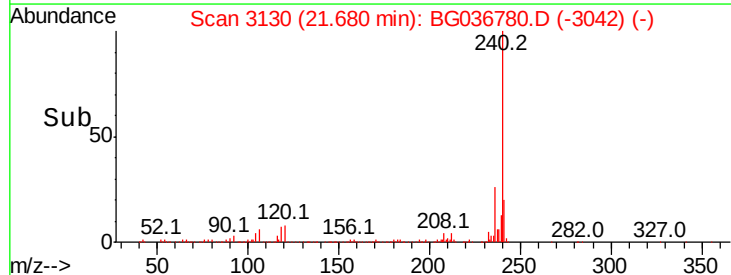
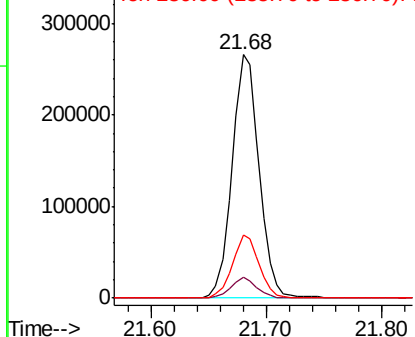


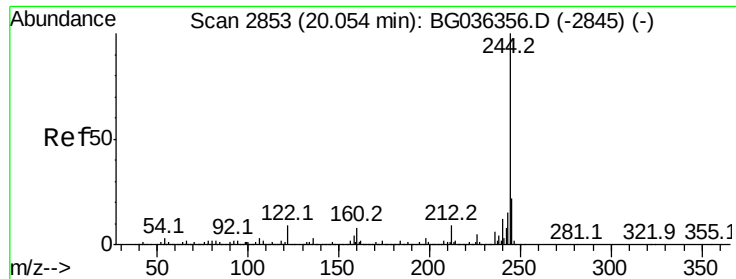
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Tgt Ion:240 Resp: 429200
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 25.8 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: 73.883 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036780.D

Acq: 18 Sep 2018 9:17

Instrument :

BNA_G

ClientSampled :

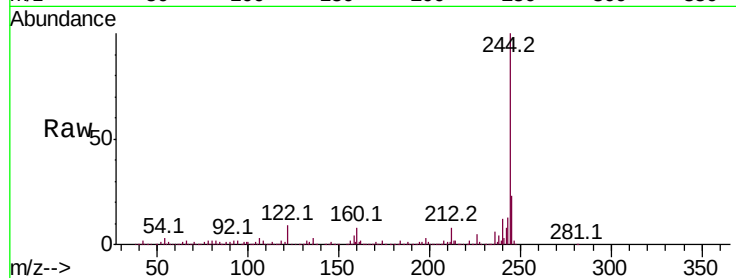
Tot Ion:244 Resp: 1356702

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

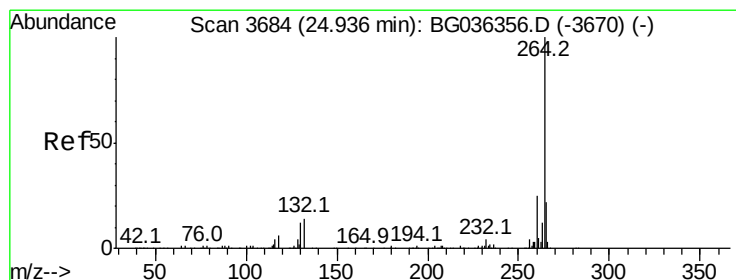
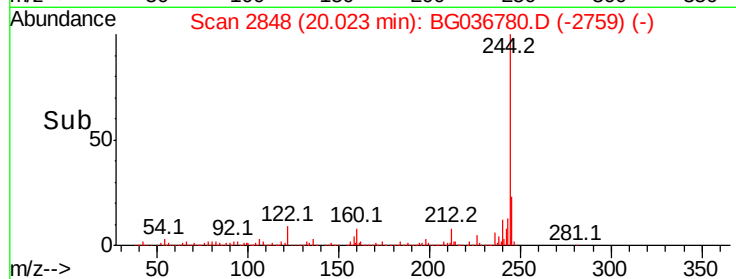
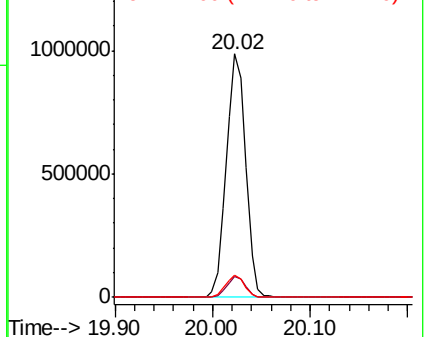
122 9.2 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG036780.D

Acq: 18 Sep 2018 9:17

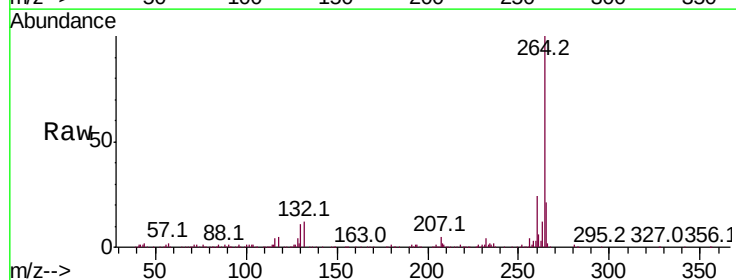
Tgt Ion:264 Resp: 421468

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.3 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

