

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036826.D
 Acq On : 19 Sep 2018 19:19
 Operator : JU/SJ
 Sample : J4772-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 20 07:05:58 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

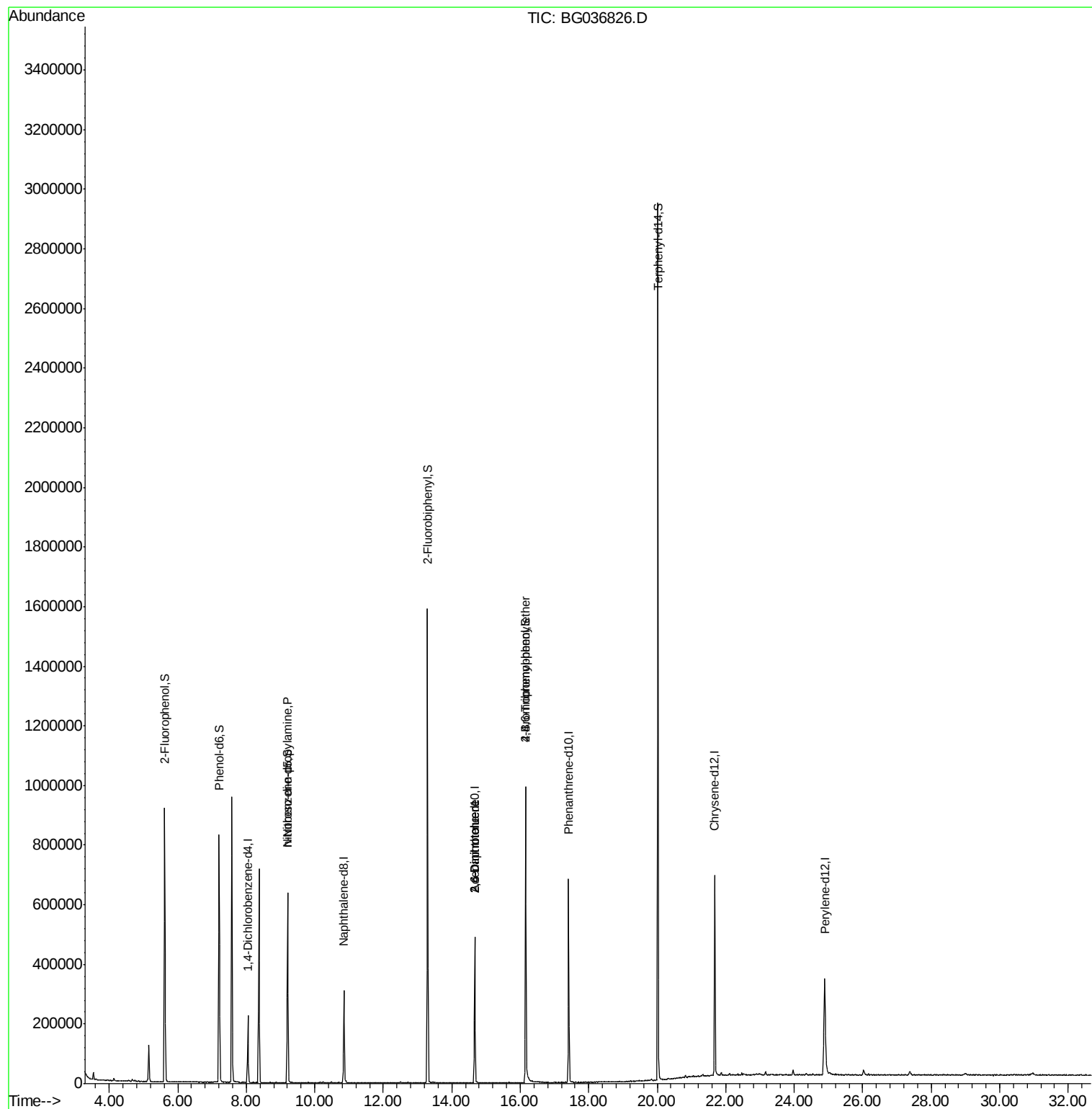
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63313	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	267143	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	170793	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	412323	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	417621	20.00	ng	-0.02
86) Perylene-d12	24.89	264	399610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	379105	94.98	ng	0.00
7) Phenol-d6	7.21	99	476362	83.36	ng	-0.01
23) Nitrobenzene-d5	9.21	82	386010	78.40	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	198537	97.42	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	832180	69.57	ng	-0.02
78) Terphenyl-d14	20.02	244	1363286	76.30	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	51349	12.023	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	22327	7.780	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	22327	5.970	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13583	2.814	ng	# 1

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

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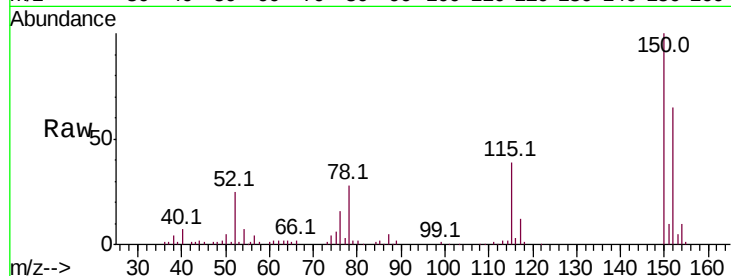




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	119.5	179.3
115	59.1	44.5	66.7

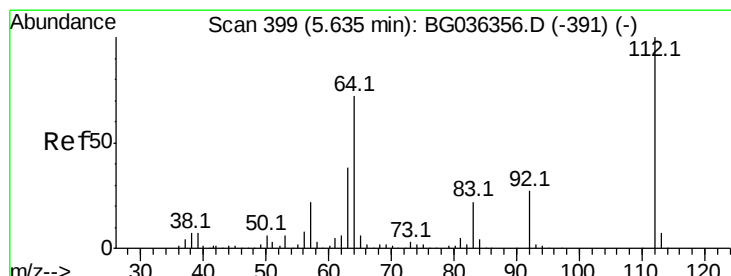
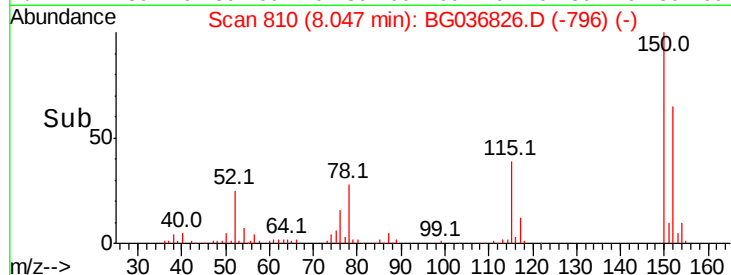
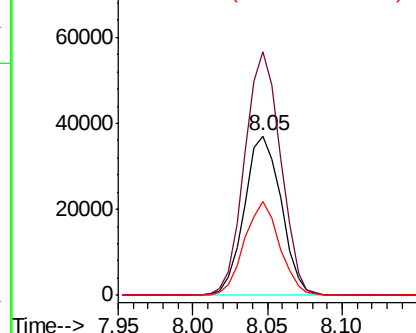


Abundance

Ion 152.00 (151.70 to 152.70): E

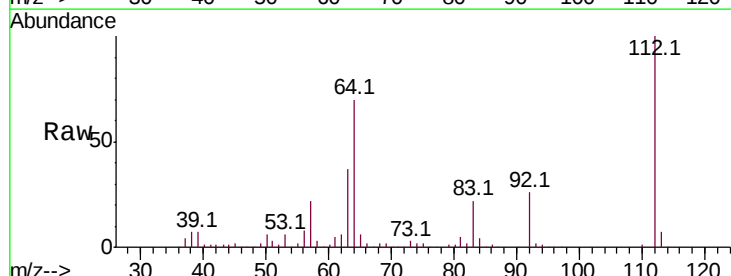
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 94.984 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.2	85.8
63	37.5	30.8	46.2

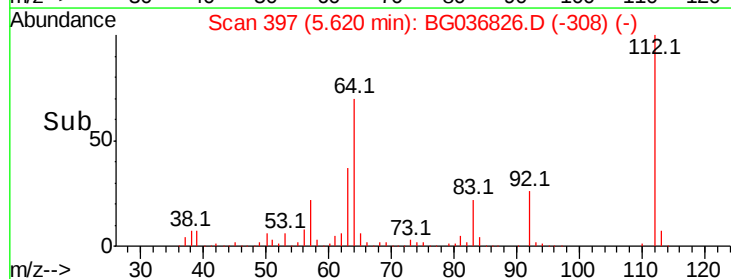
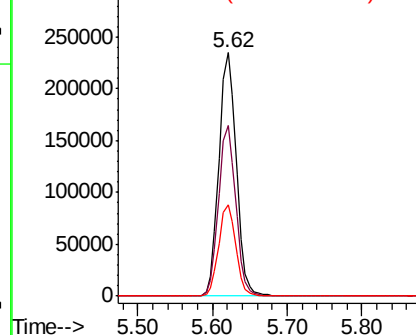


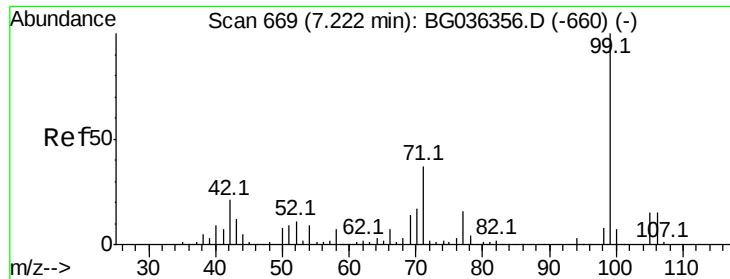
Abundance

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: 83.360 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Instrument :

BNA_G

ClientSampleId :

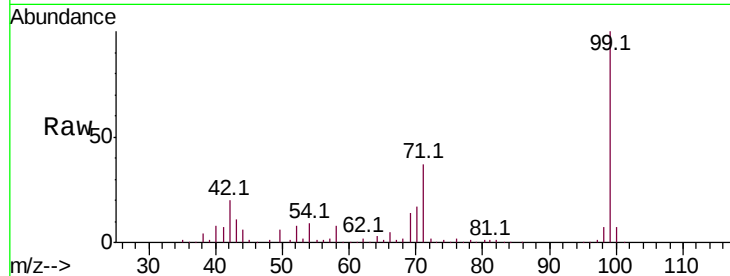
Tot Ion: 99 Resp: 476362

Ion Ratio Lower Upper

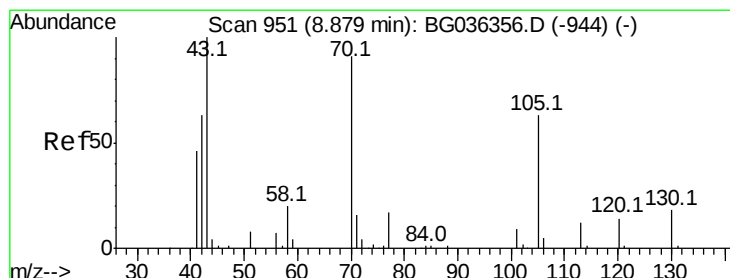
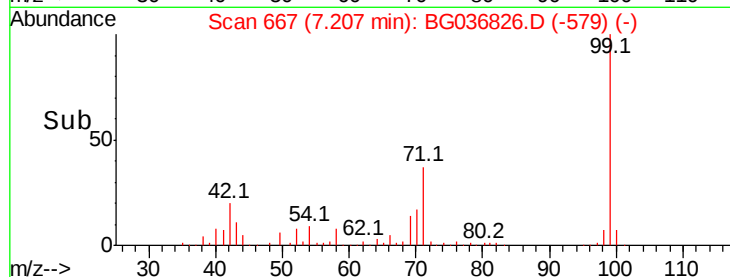
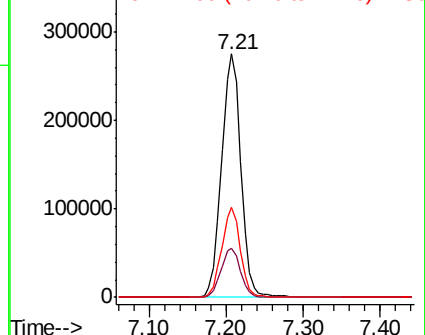
99 100

42 19.9 16.5 24.7

71 36.8 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: 12.023 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Tgt Ion: 70 Resp: 51349

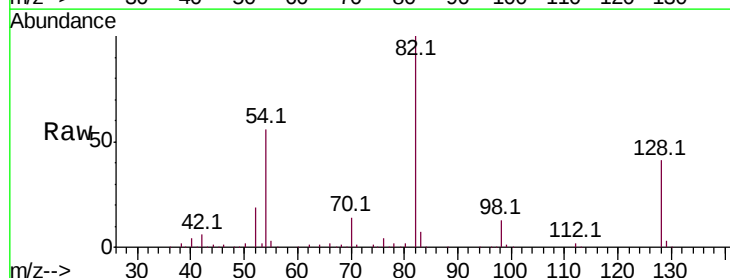
Ion Ratio Lower Upper

70 100

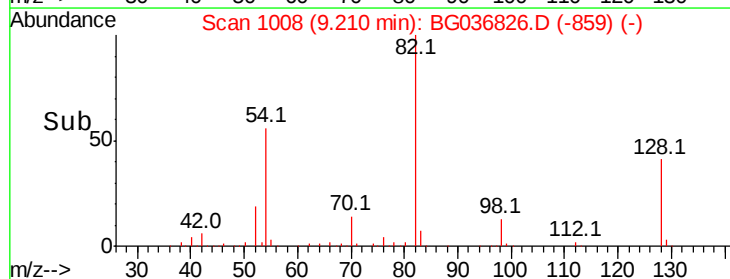
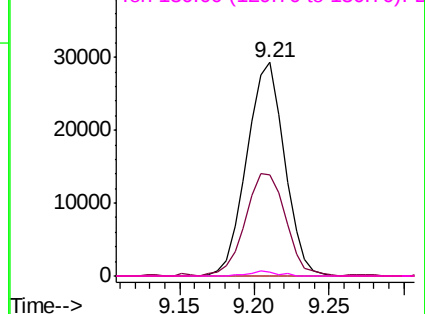
42 47.2 56.2 84.4#

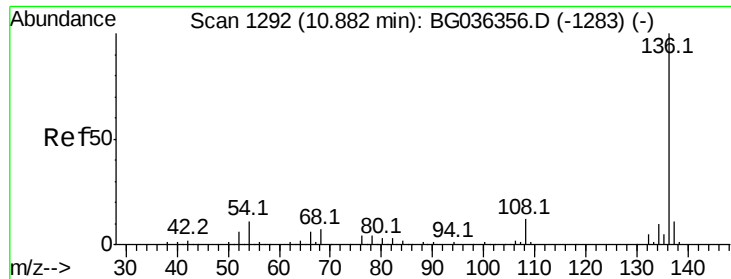
101 0.0 7.8 11.6#

130 1.6 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

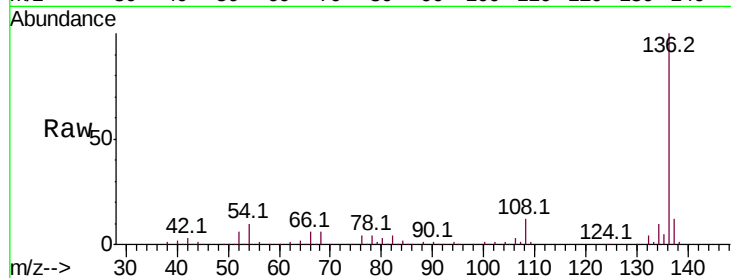




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	267143
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	10.2	9.2	13.8
68	6.0	5.8	8.6



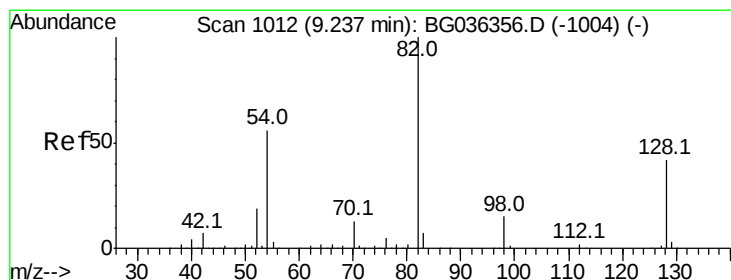
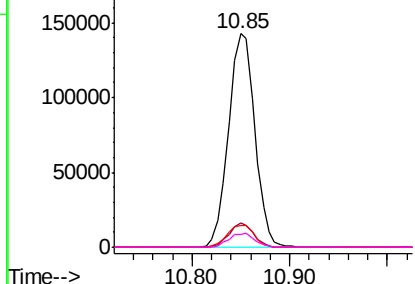
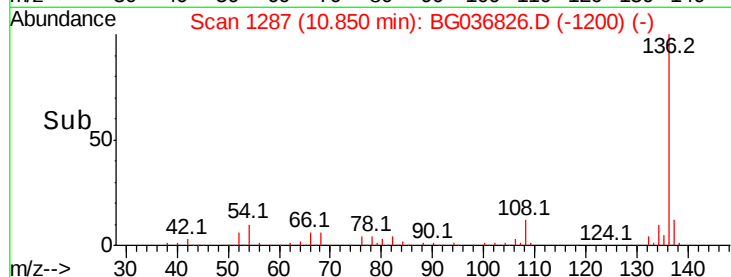
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

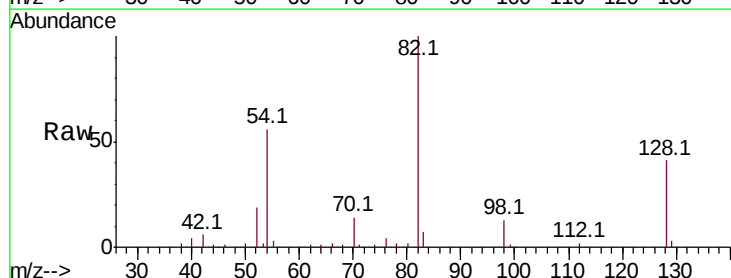
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 78.399 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

Tgt Ion:	82	Resp:	386010
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	56.3	45.1	67.7

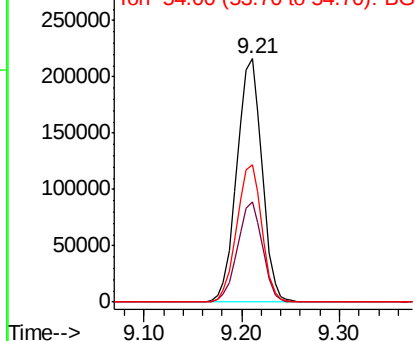
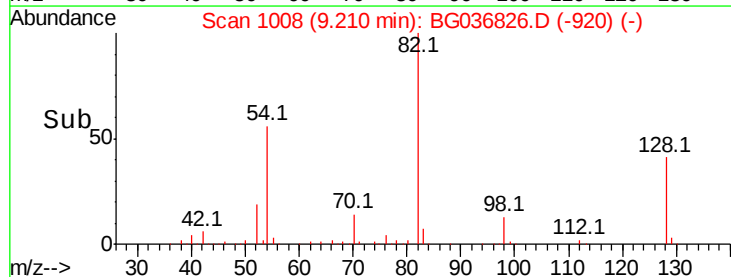


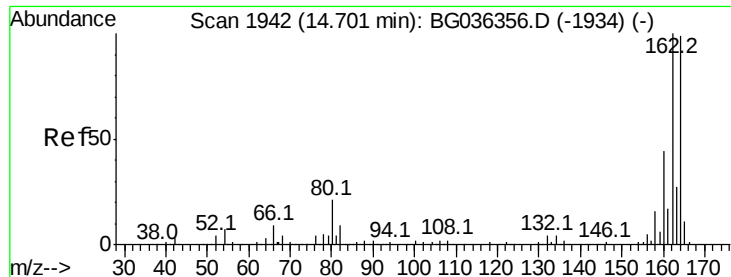
Abundance

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: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Instrument :

BNA_G

ClientSampleId :

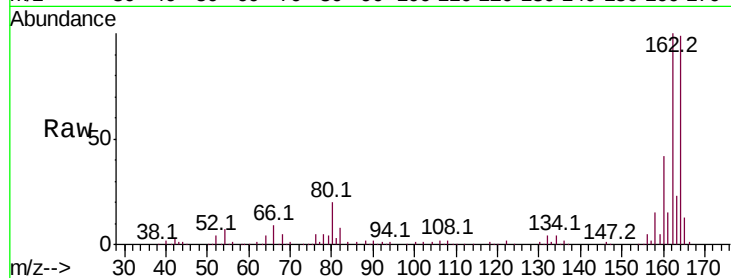
Tot Ion:164 Resp: 170793

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

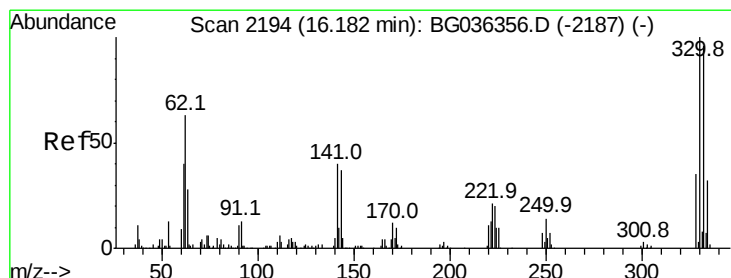
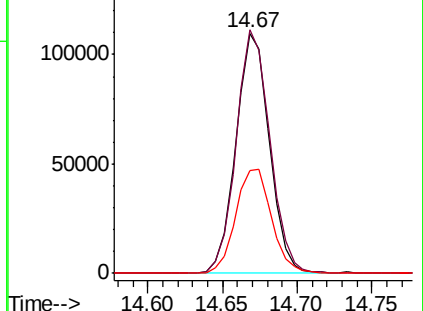
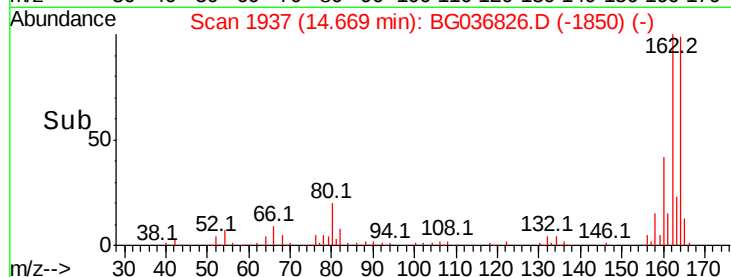
160 42.9 35.3 52.9



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: 97.420 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

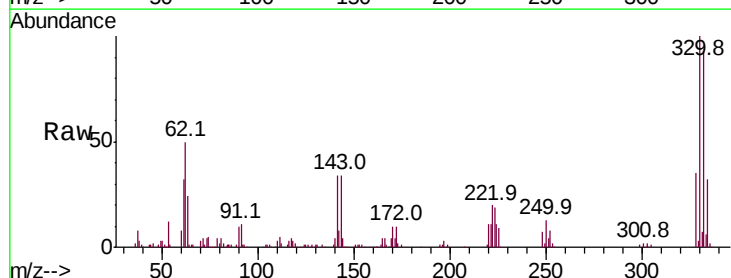
Tgt Ion:330 Resp: 198537

Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.2

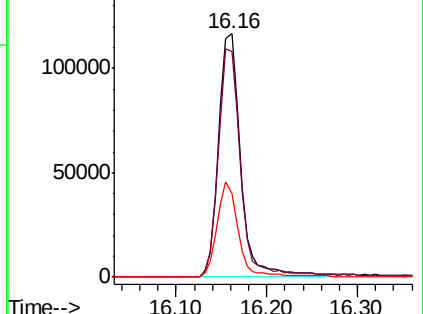
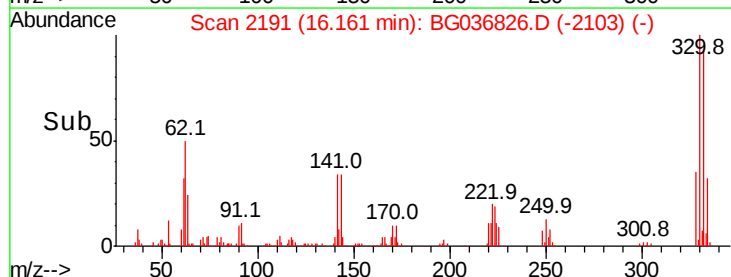
141 37.7 30.7 46.1

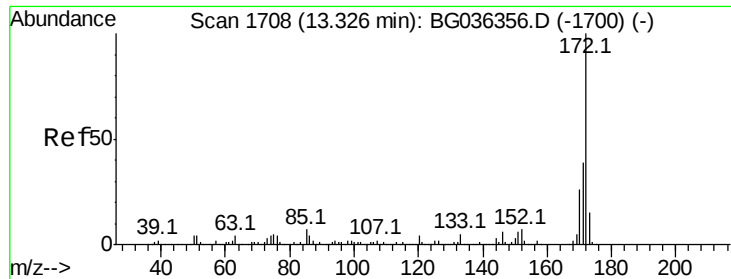


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

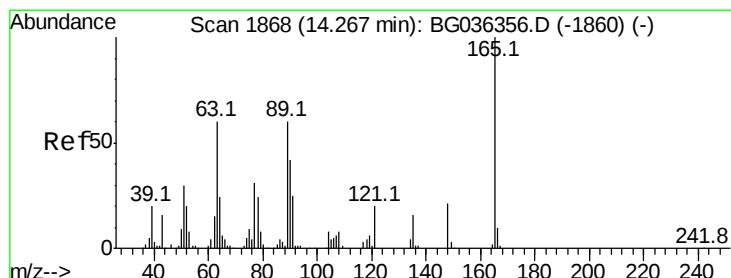
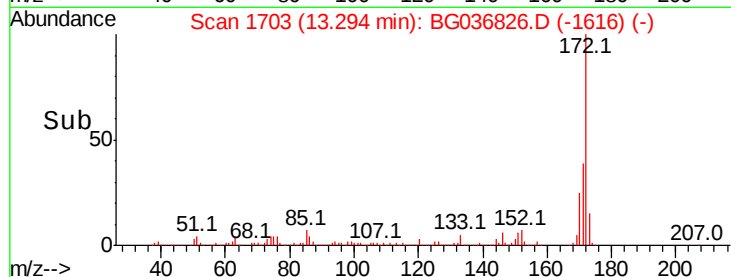
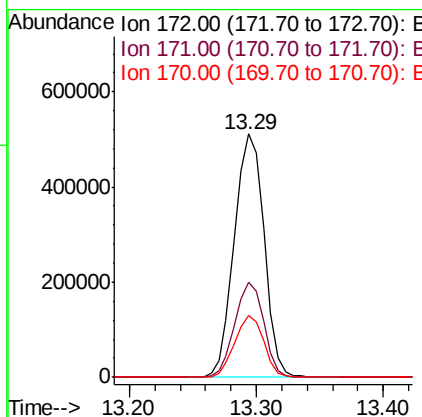
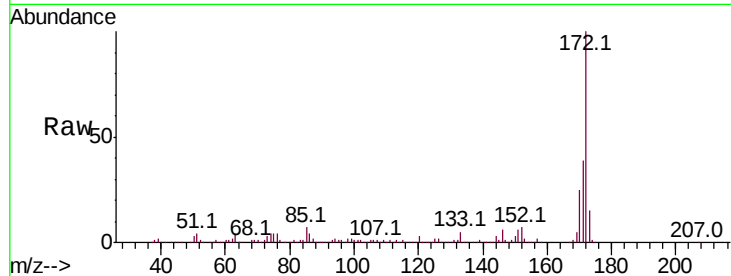




#44
2-Fluorobiphenyl
Concen: 69.570 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

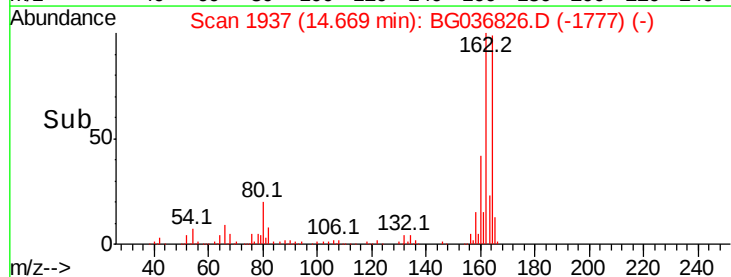
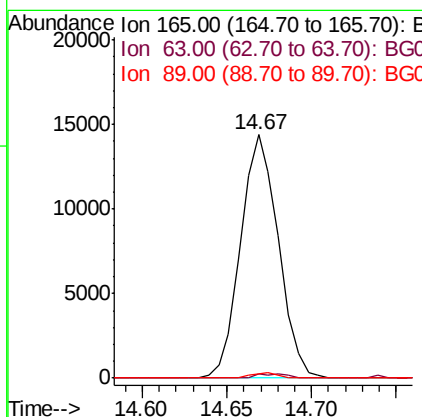
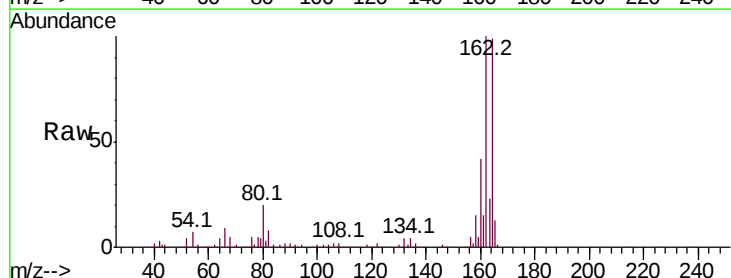
Instrument :
BNA_G
ClientSampleId :

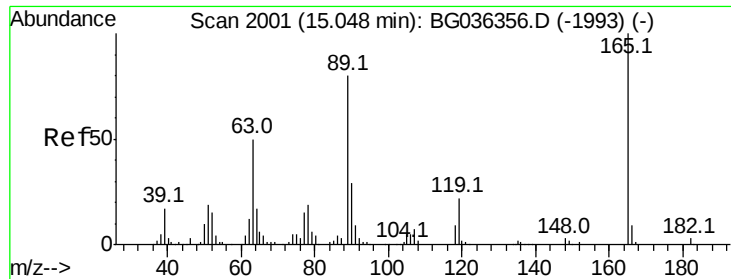
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.3	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.780 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036826.D
Acq: 19 Sep 2018 19:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.1	75.1#
89	2.0	47.8	71.6#

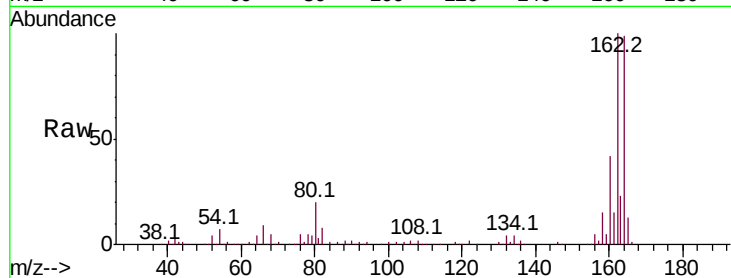




#56
 2,4-Dinitrotoluene
 Concen: 5.970 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.1	60.1#
89	2.0	63.7	95.5#
182	0.0	2.5	3.7#

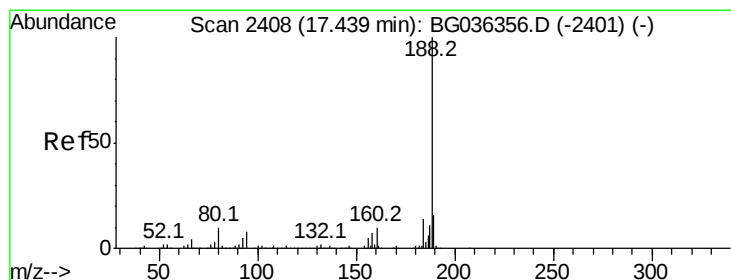
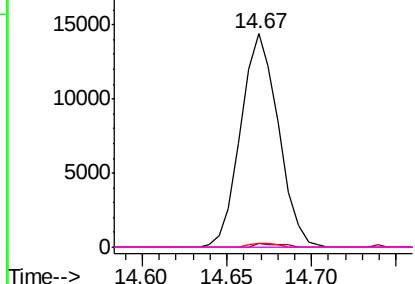
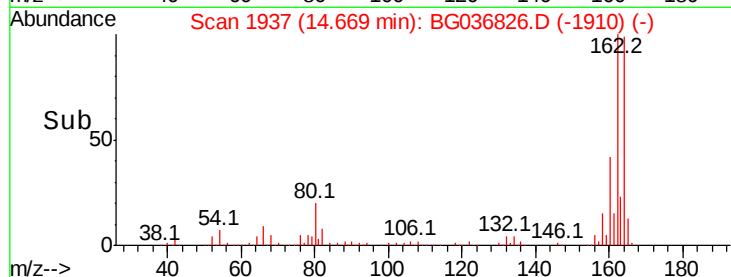


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

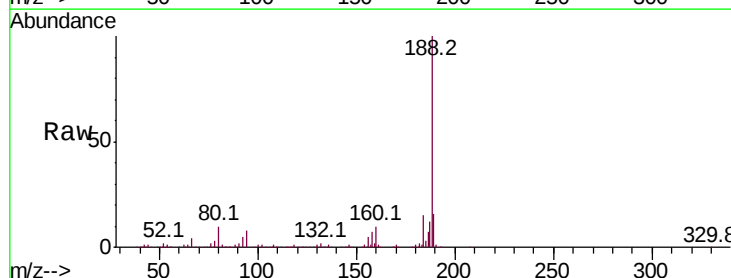
Ion 89.00 (88.70 to 89.70): BGC

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: BG036826.D
 Acq: 19 Sep 2018 19:19

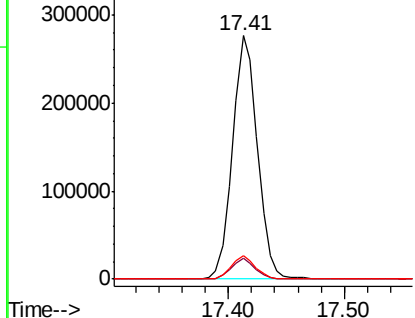
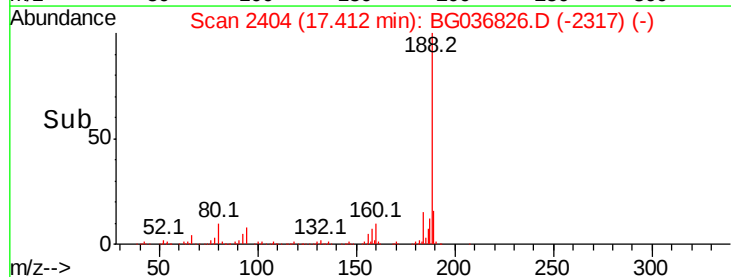
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.7	8.1	12.1

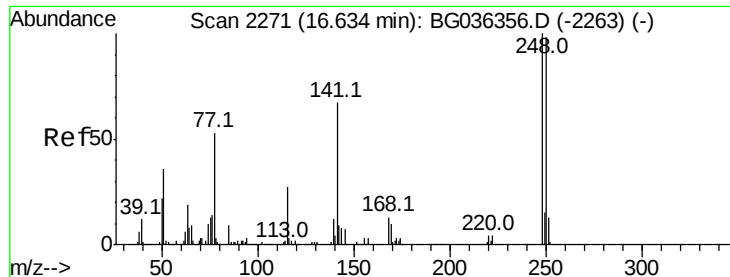


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

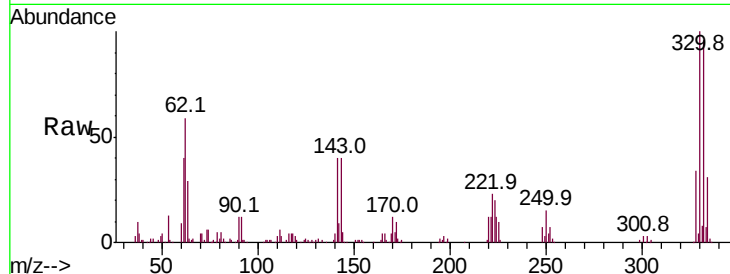




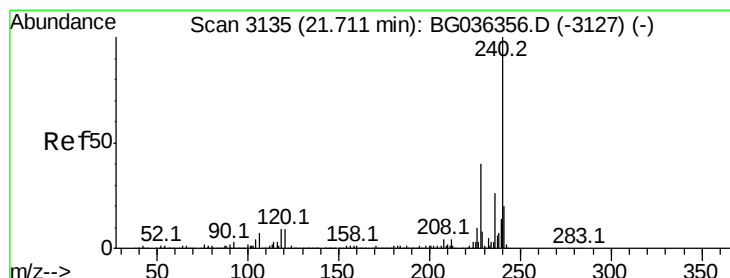
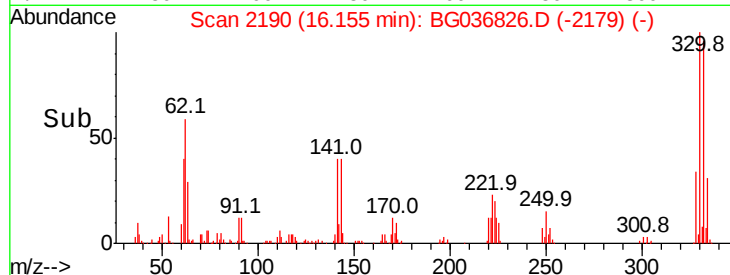
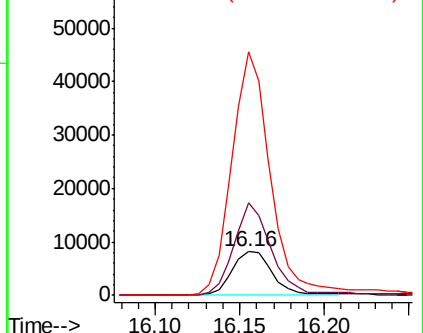
#66
 4-Bromophenyl-phenylether
 Concen: 2.814 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13583
 Ion Ratio Lower Upper
 248 100
 250 211.4 78.1 117.1#
 141 555.8 53.7 80.5#

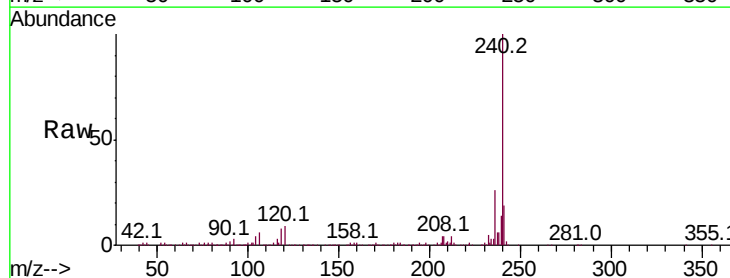


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

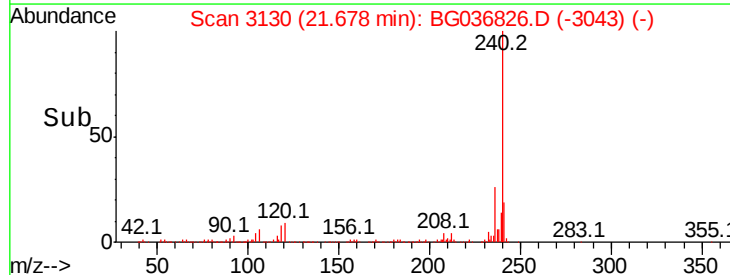
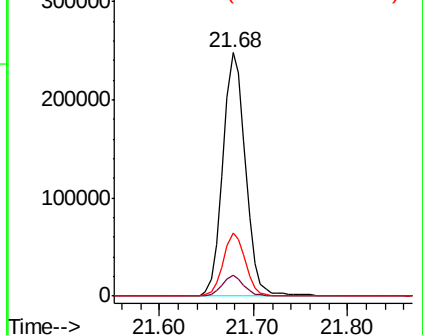


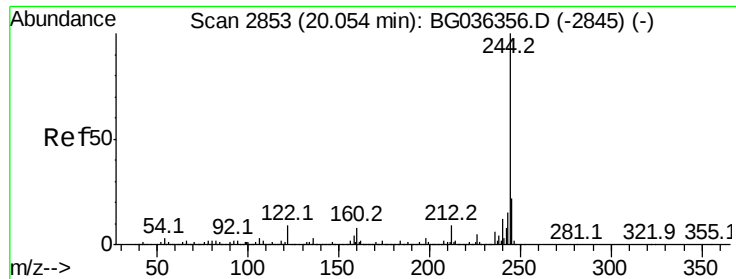
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036826.D
 Acq: 19 Sep 2018 19:19

Tgt Ion:240 Resp: 417621
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.9 10.3
 236 26.1 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: 76.300 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036826.D

Acq: 19 Sep 2018 19:19

Instrument :

BNA_G

ClientSampled :

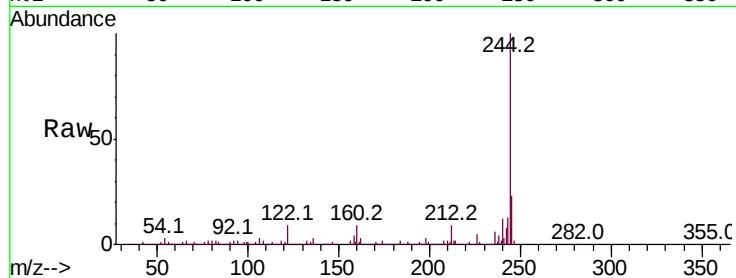
Tot Ion:244 Resp: 1363286

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

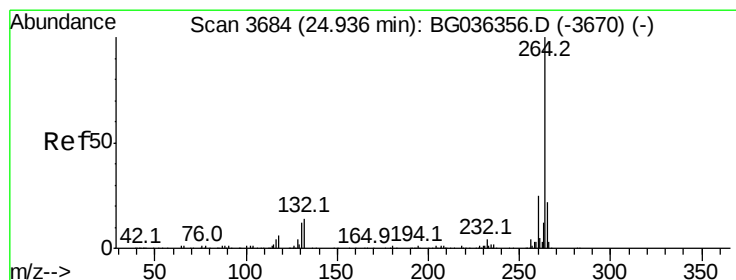
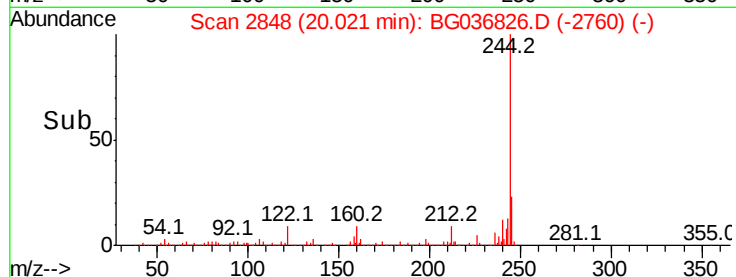
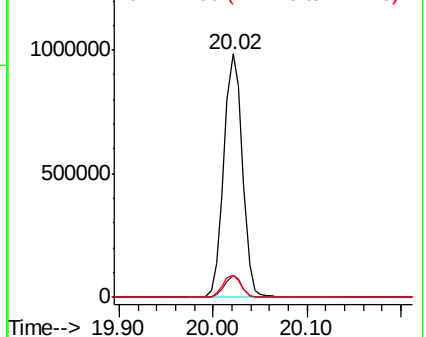
122 9.2 7.1 10.7



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: BG036826.D

Acq: 19 Sep 2018 19:19

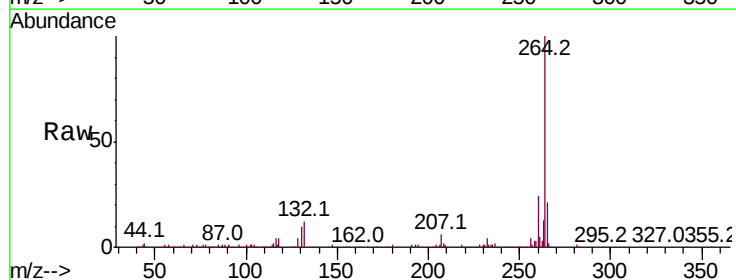
Tgt Ion:264 Resp: 399610

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 20.9 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

