

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
 Data File : BG036983.D
 Acq On : 26 Sep 2018 15:56
 Operator : JU/SJ
 Sample : PB113205BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 18:57:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

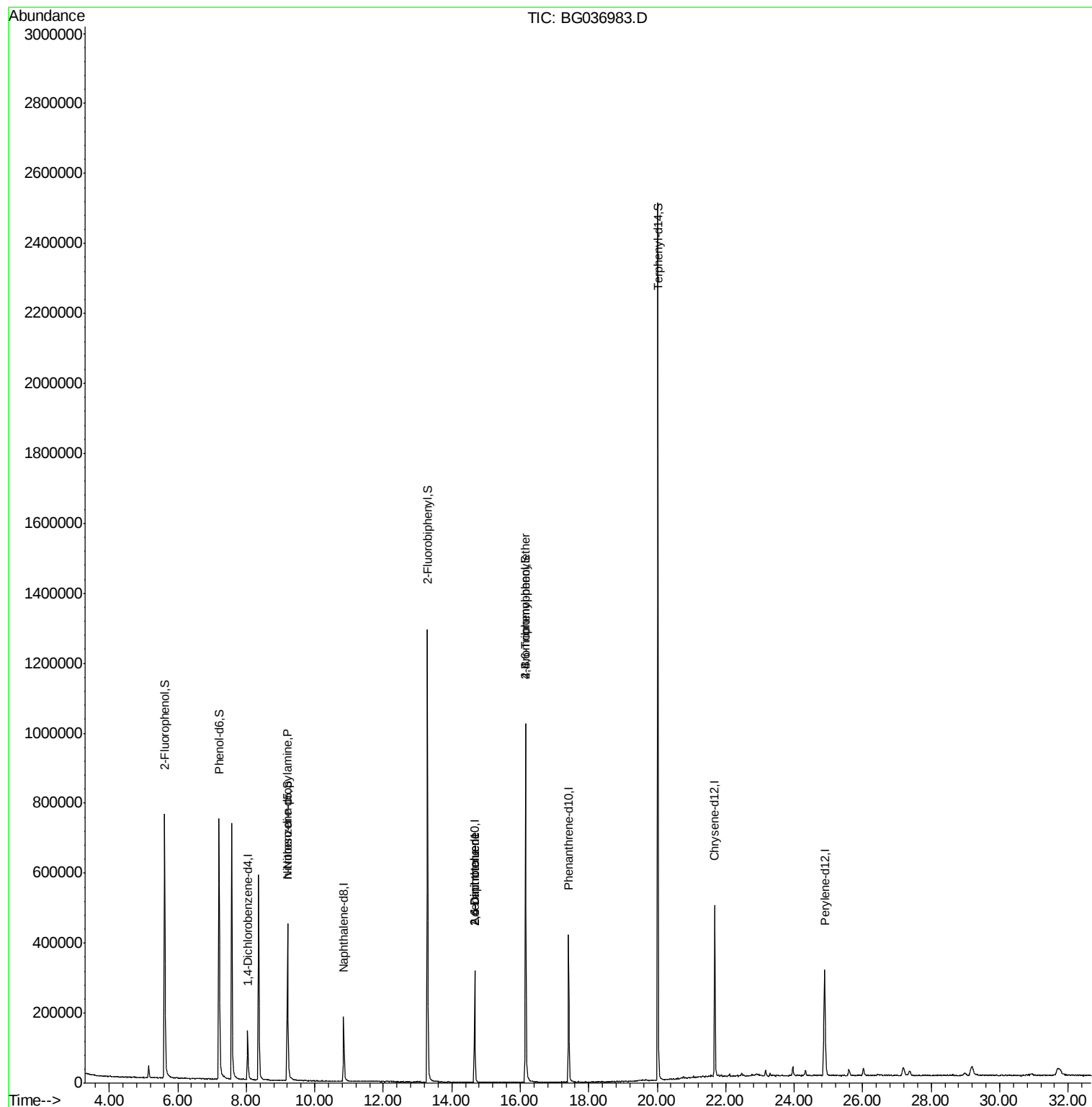
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46168	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	187729	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	119149	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	300901	20.00	ng	0.00
75) Chrysene-d12	21.68	240	328292	20.00	ng	-0.01
86) Perylene-d12	24.89	264	320080	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	355029	147.48	ng	0.00
7) Phenol-d6	7.21	99	489133	131.32	ng	0.00
23) Nitrobenzene-d5	9.20	82	326293	93.08	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	201626	141.44	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	729268	91.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1242209	99.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	43741	14.117	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	15852	7.576	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	15852	5.429	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14167	4.139	ng	# 1

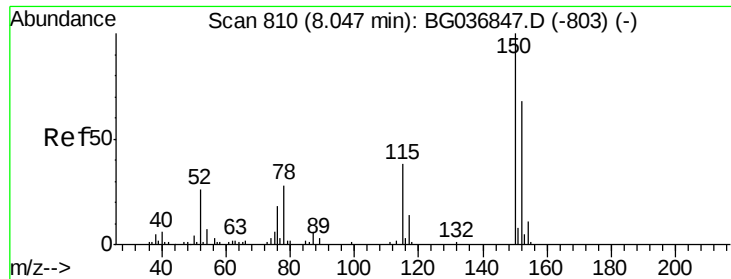
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036983.D
Acq On : 26 Sep 2018 15:56
Operator : JU/SJ
Sample : PB113205BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 18:57:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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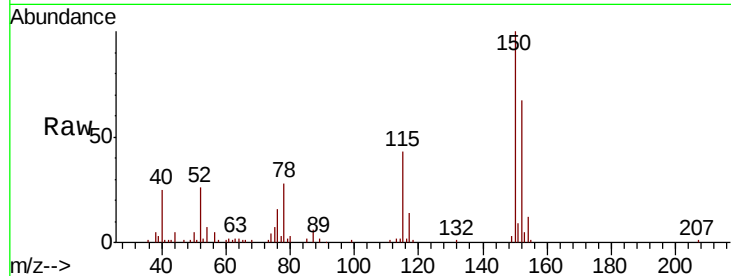


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG036983.D
Acq: 26 Sep 2018 15:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	64.0	44.5	66.7

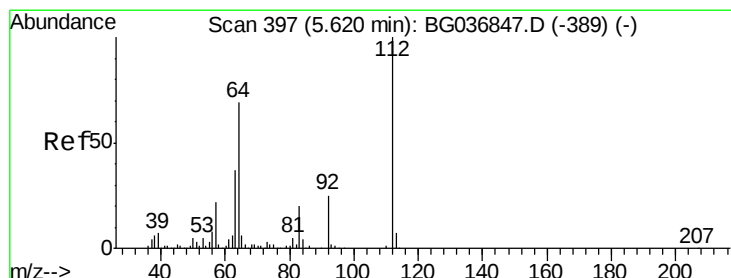
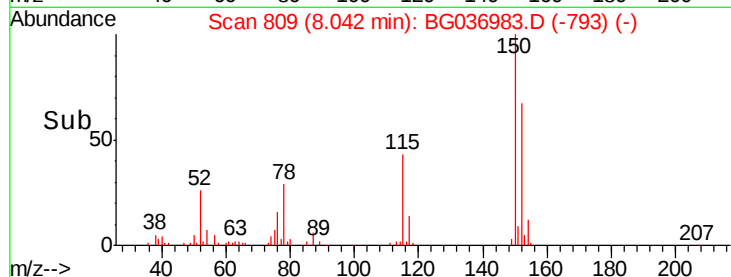
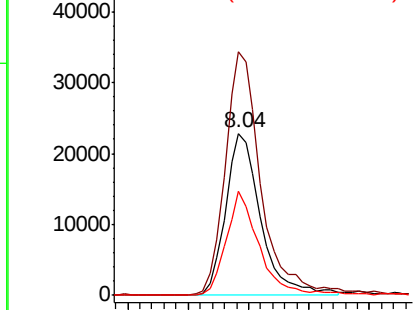


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

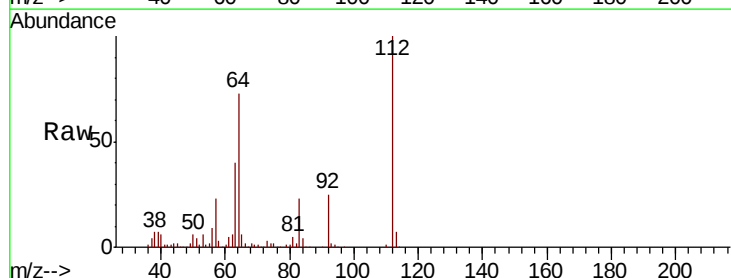
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.476 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036983.D
Acq: 26 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	57.2	85.8
63	39.9	30.8	46.2

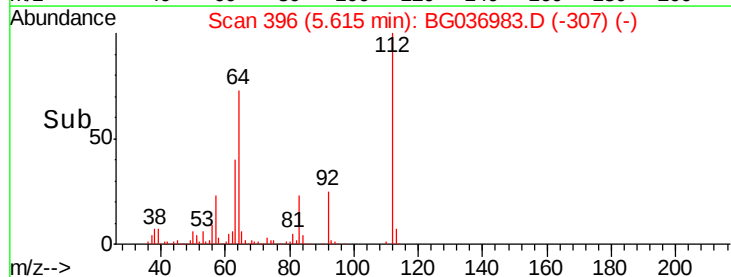
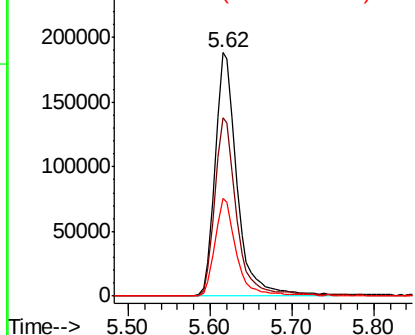


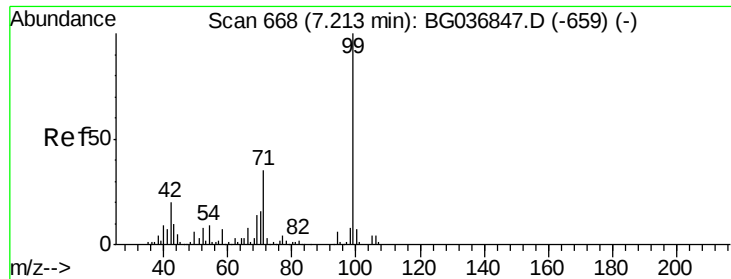
Abundance

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: 131.325 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

Instrument :

BNA_F

ClientSampleId :

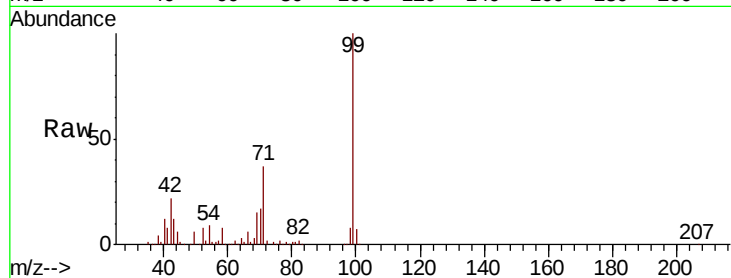
Tot Ion: 99 Resp: 489133

Ion Ratio Lower Upper

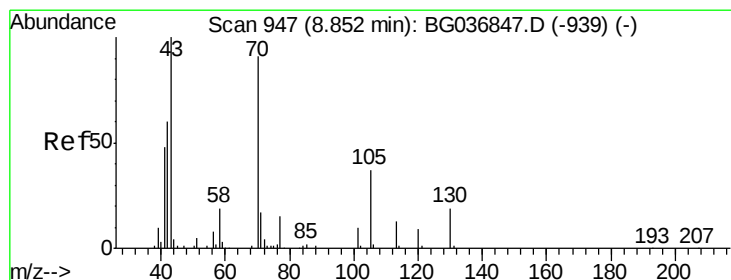
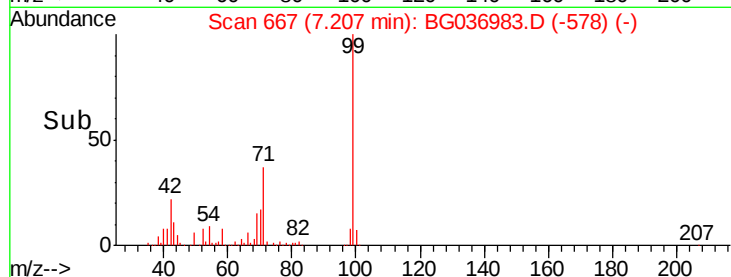
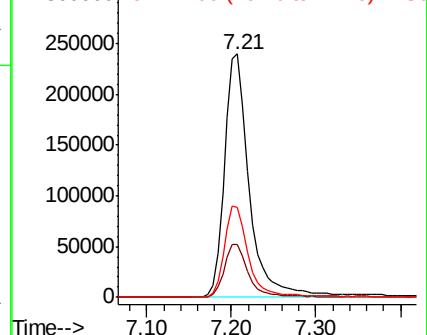
99 100

42 21.8 16.5 24.7

71 37.2 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: 14.117 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

Tgt Ion: 70 Resp: 43741

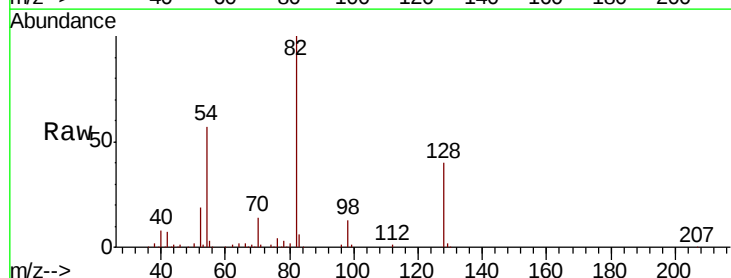
Ion Ratio Lower Upper

70 100

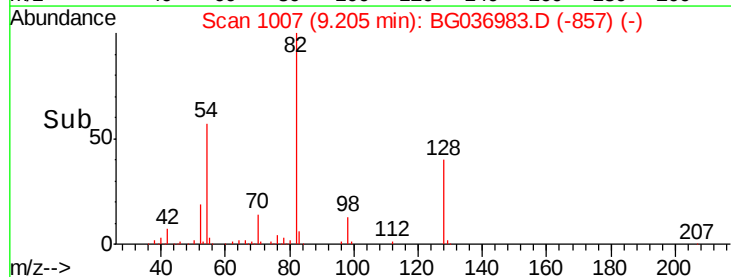
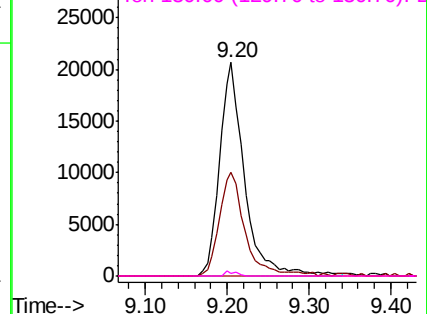
42 48.7 56.2 84.4#

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: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 187729

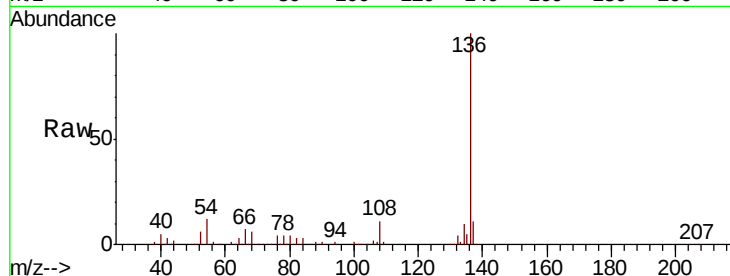
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 11.8 9.2 13.8

68 6.3 5.8 8.6

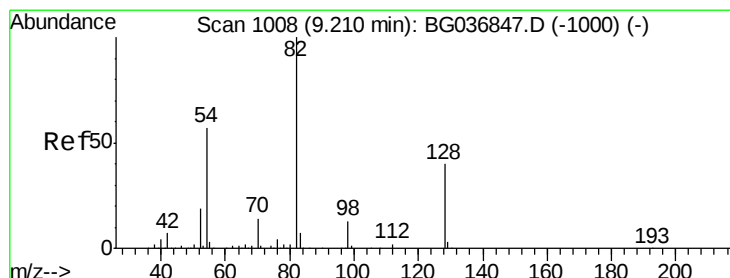
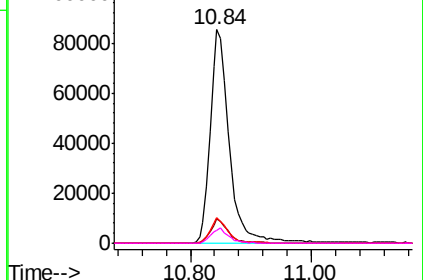
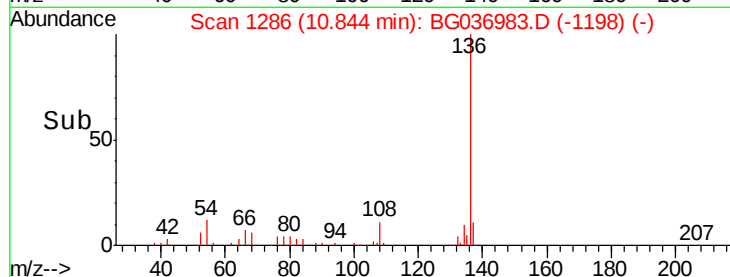


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.077 ng

RT: 9.20 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

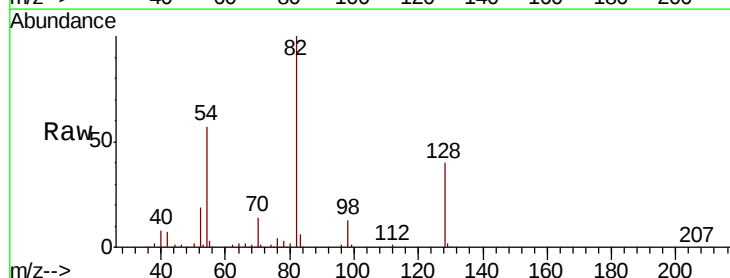
Tgt Ion: 82 Resp: 326293

Ion Ratio Lower Upper

82 100

128 39.7 33.3 49.9

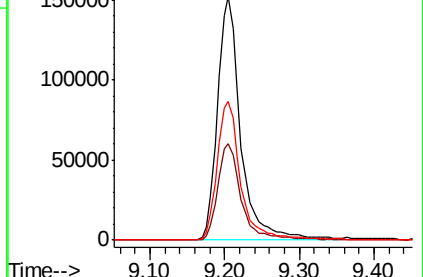
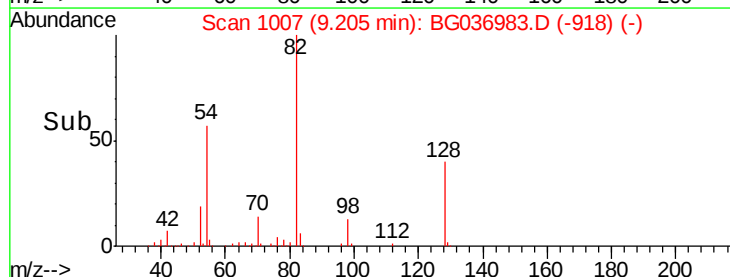
54 57.1 45.1 67.7

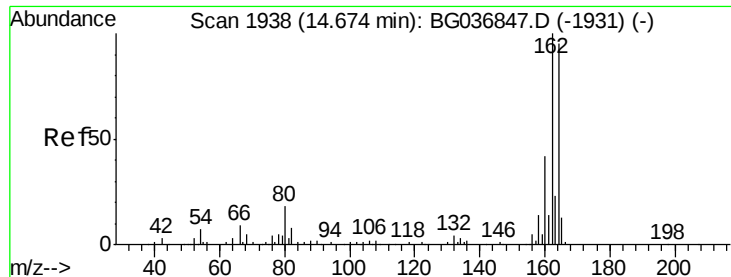


Abundance Ion 82.00 (81.70 to 82.70): BGC

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. -0.01 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

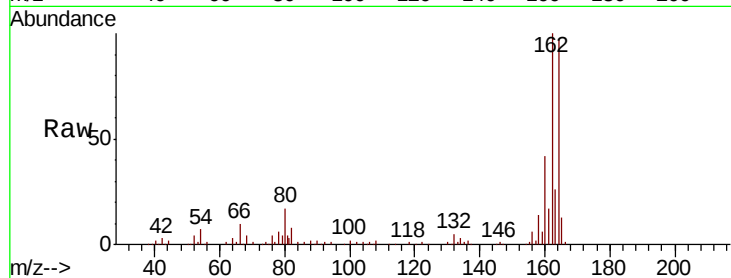
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 119149

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.7	121.1
160	43.1	35.3	52.9

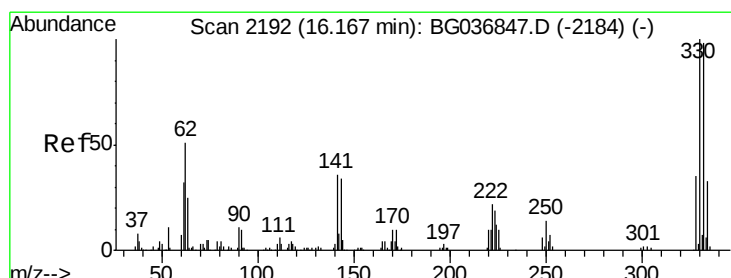
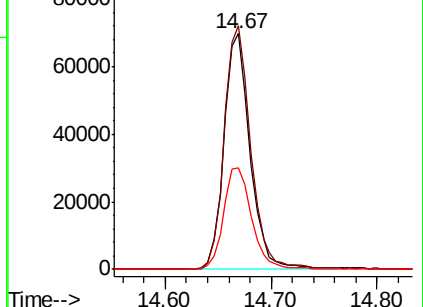
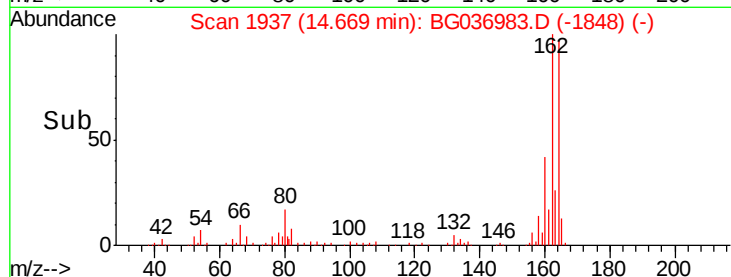


Abundance

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: 141.438 ng

RT: 16.16 min Scan# 2190

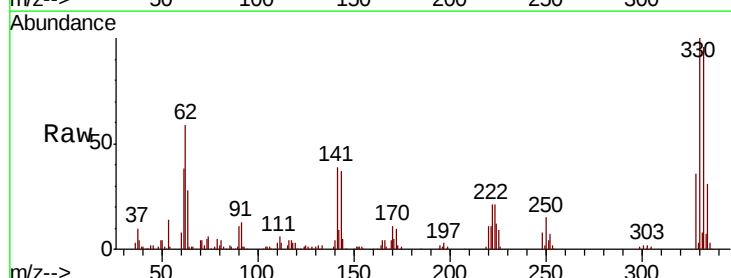
Delta R.T. -0.01 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

Tgt Ion:330 Resp: 201626

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.4	113.2
141	39.0	30.7	46.1

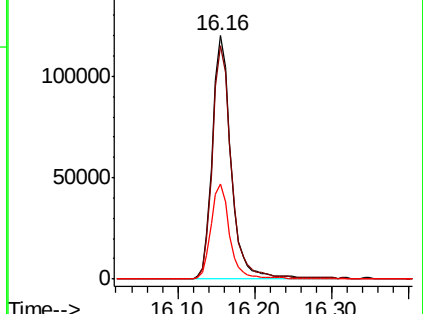
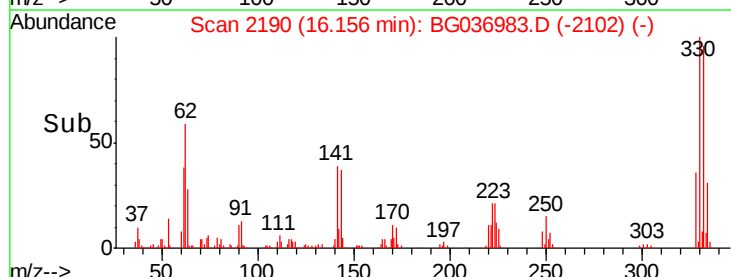


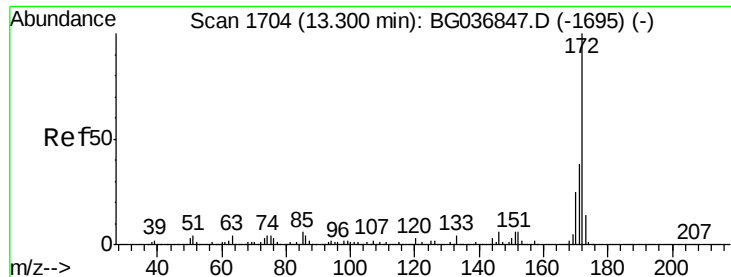
Abundance

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

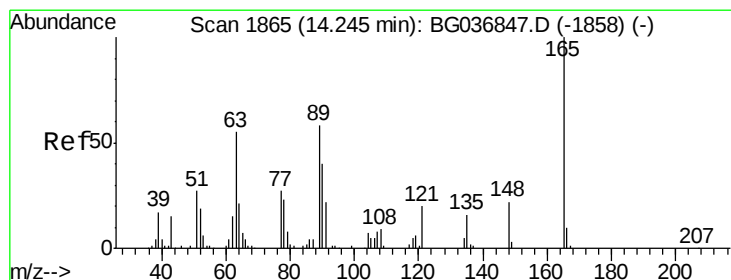
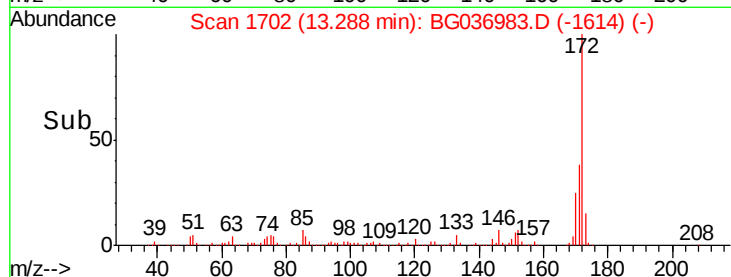
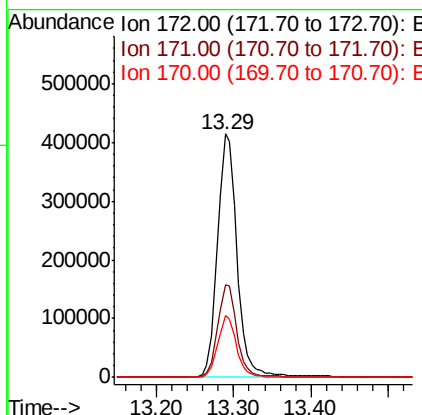
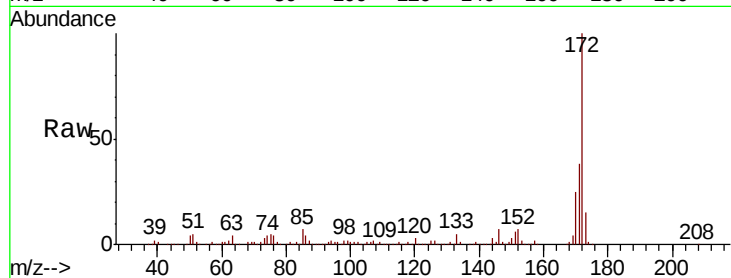




#44
 2-Fluorobiphenyl
 Concen: 91.160 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036983.D
 Acq: 26 Sep 2018 15:56

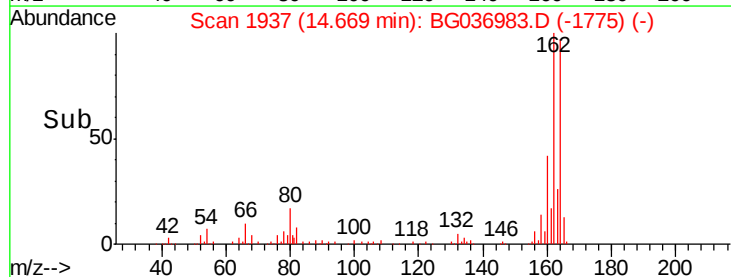
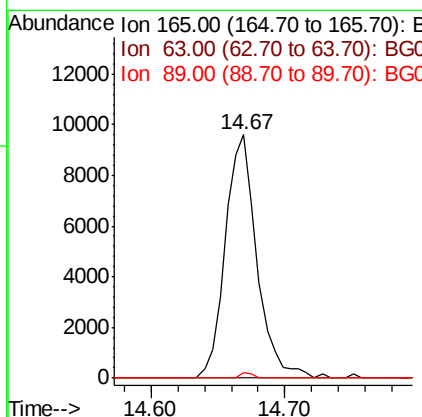
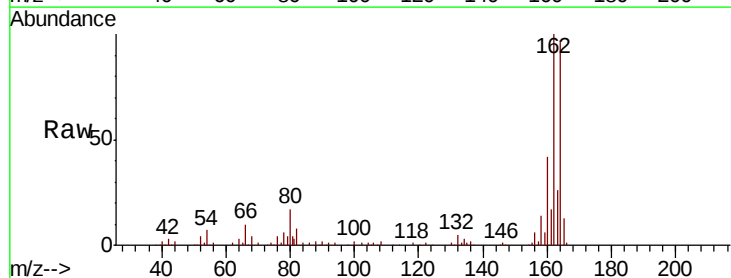
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.4	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.576 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036983.D
 Acq: 26 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.1	47.8	71.6#

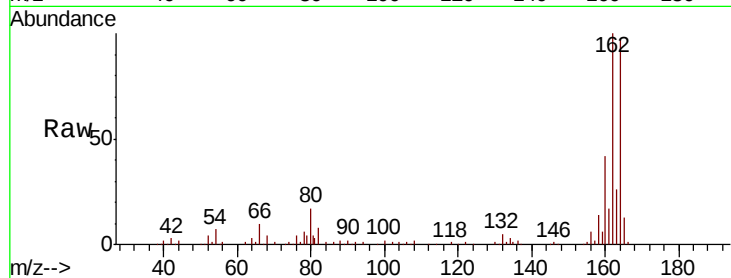




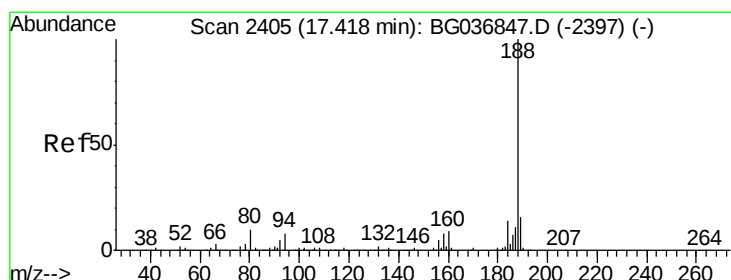
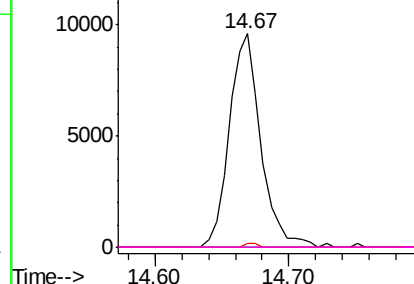
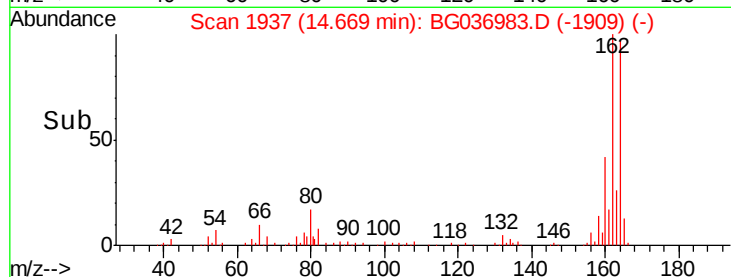
#56
 2,4-Dinitrotoluene
 Concen: 5.429 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036983.D
 Acq: 26 Sep 2018 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#

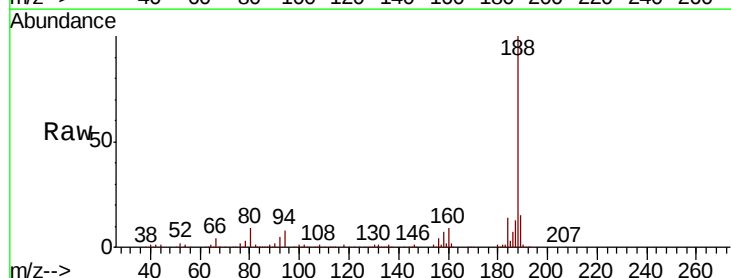


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

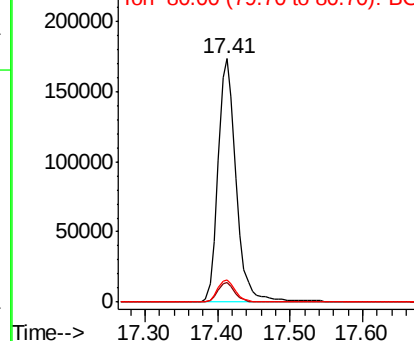
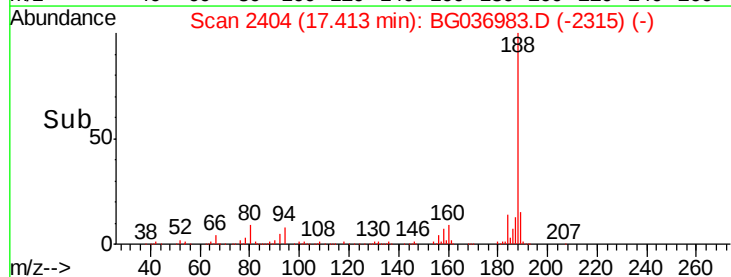


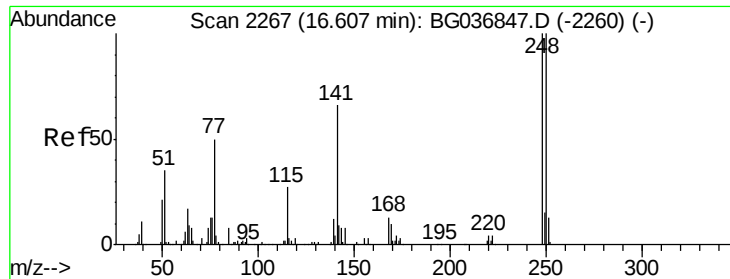
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036983.D
 Acq: 26 Sep 2018 15:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.9	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

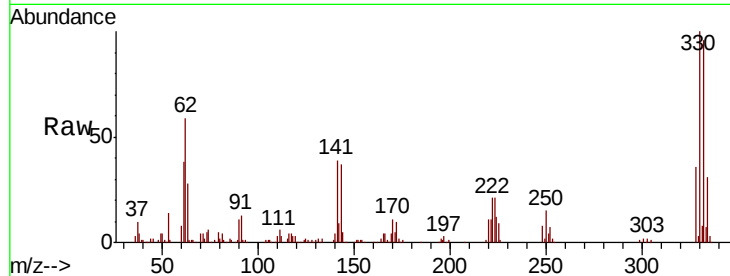




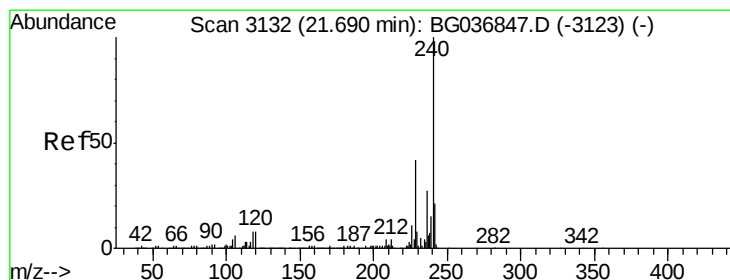
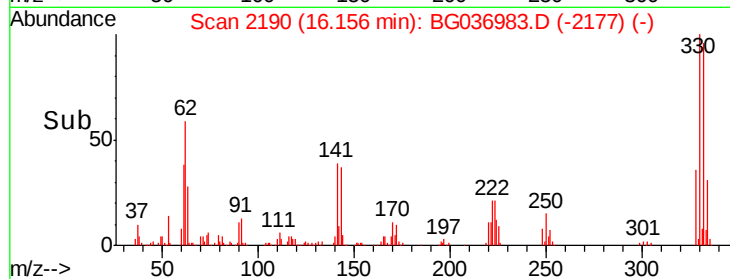
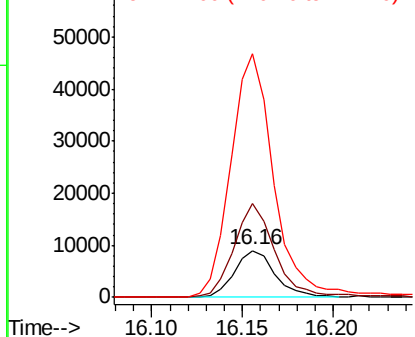
#66
 4-Bromophenyl-phenylether
 Concen: 4.139 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036983.D
 Acq: 26 Sep 2018 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14167
 Ion Ratio Lower Upper
 248 100
 250 198.4 78.1 117.1#
 141 517.8 53.7 80.5#

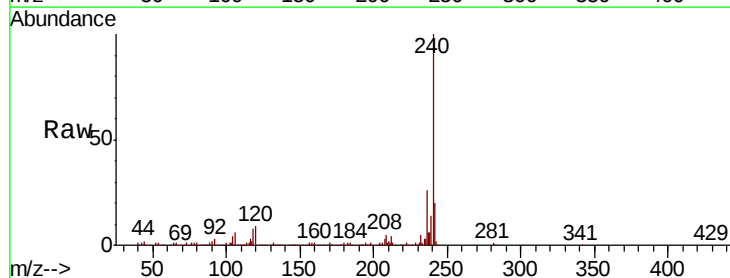


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

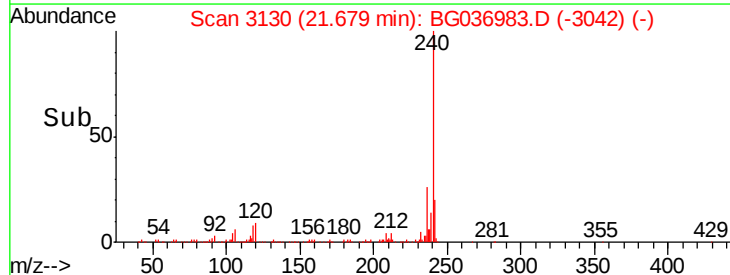
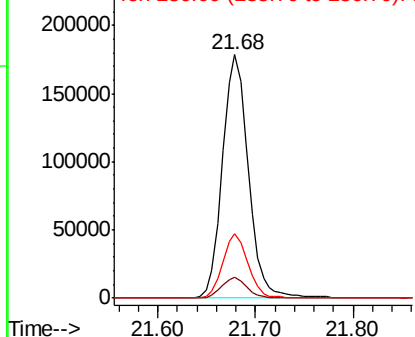


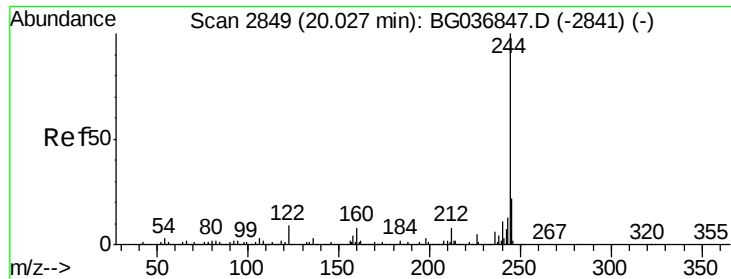
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036983.D
 Acq: 26 Sep 2018 15:56

Tgt Ion:240 Resp: 328292
 Ion Ratio Lower Upper
 240 100
 120 8.6 6.9 10.3
 236 26.2 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: 99.496 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036983.D

Acq: 26 Sep 2018 15:56

Instrument :

BNA_F

ClientSampled :

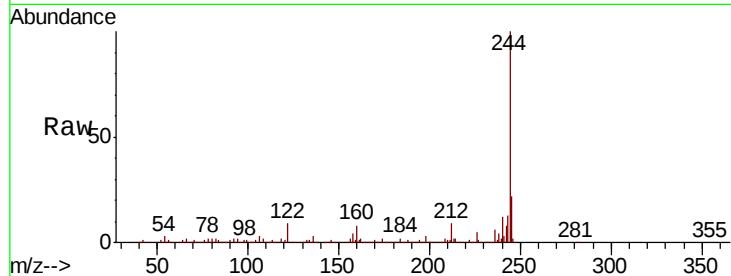
Tot Ion:244 Resp: 1242209

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

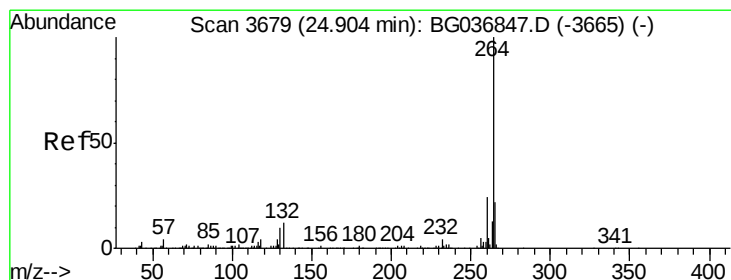
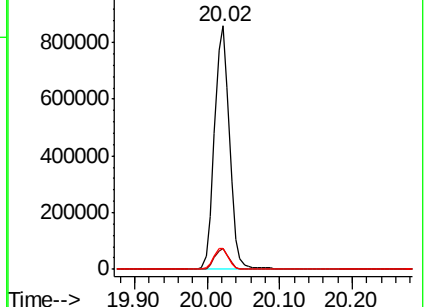
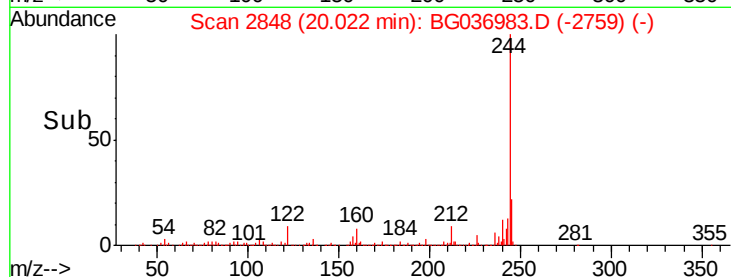
122 8.8 7.1 10.7



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: BG036983.D

Acq: 26 Sep 2018 15:56

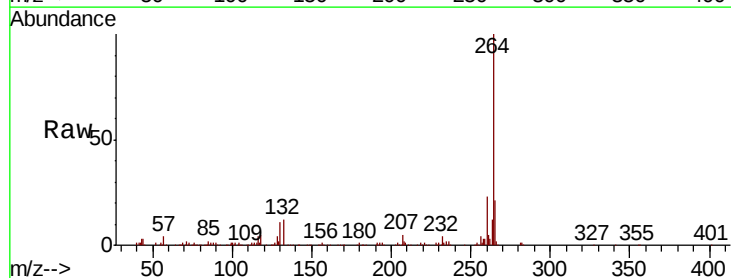
Tgt Ion:264 Resp: 320080

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 20.6 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

