

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036813.D
 Acq On : 19 Sep 2018 9:27
 Operator : JU/SJ
 Sample : J4936-42
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 26KV

Quant Time: Sep 19 11:56:57 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	51011	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	214211	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	138048	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	344229	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	347383	20.00	ng	-0.01
86) Perylene-d12	24.89	264	332594	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	354187	110.14	ng	0.00
7) Phenol-d6	7.21	99	456831	99.22	ng	0.00
23) Nitrobenzene-d5	9.21	82	350304	88.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	184317	111.90	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	771366	79.78	ng	-0.01
78) Terphenyl-d14	20.02	244	1291052	86.87	ng	0.00

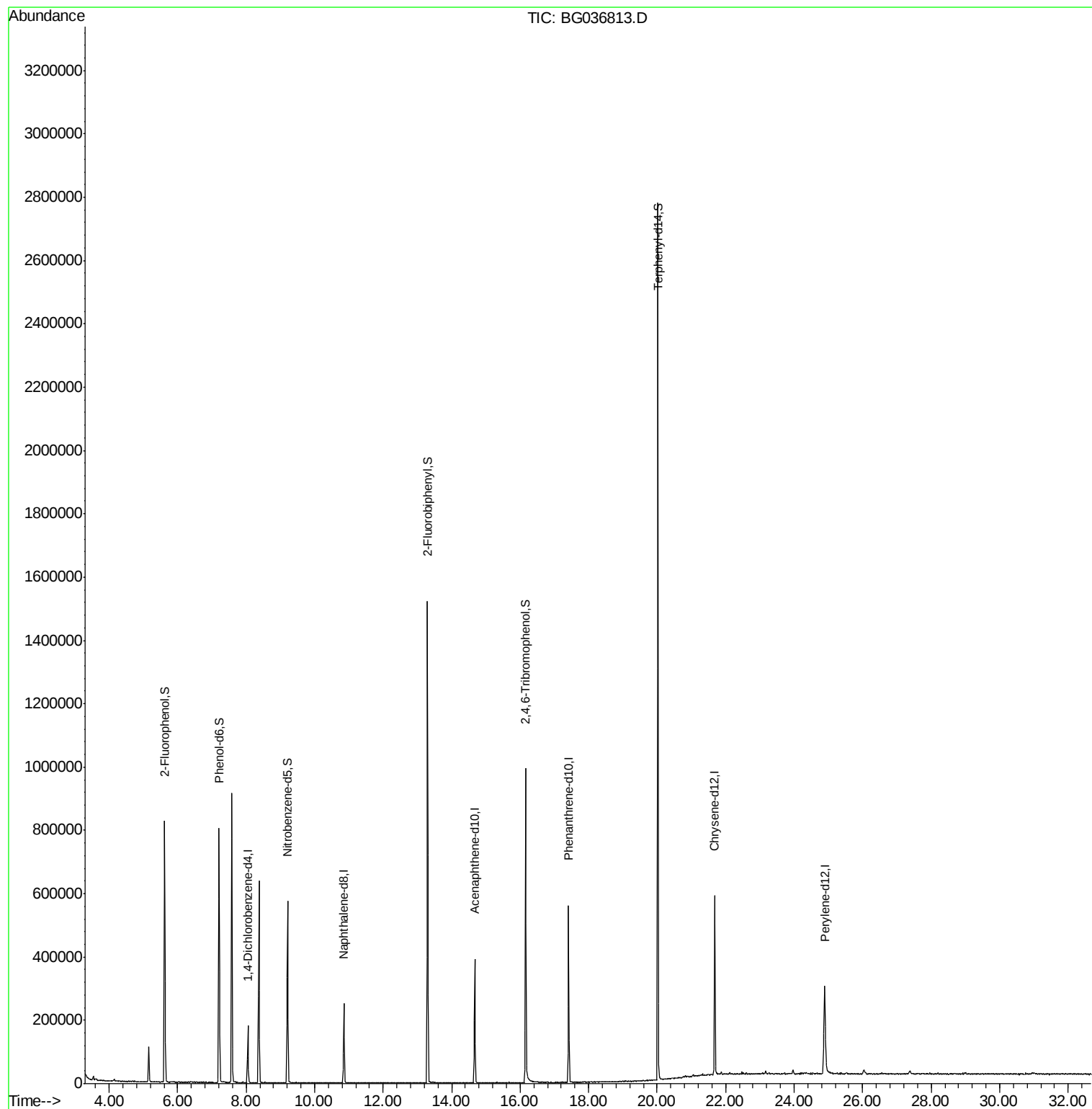
Target Compounds Qvalue

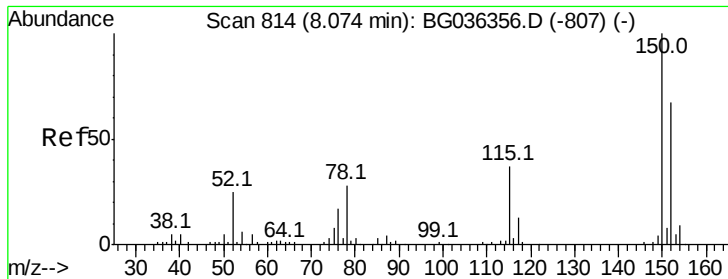
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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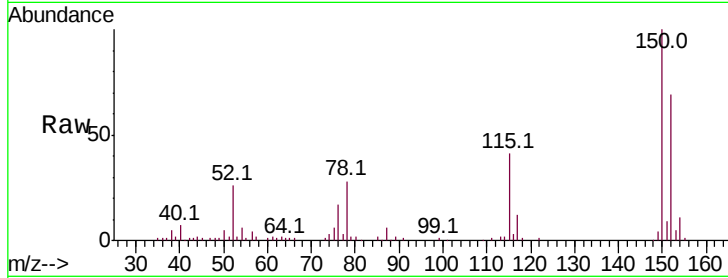


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036813.D
Acq: 19 Sep 2018 9:27

Instrument :
BNA_G
ClientSampled :
26kV

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	119.5	179.3
115	59.0	44.5	66.7

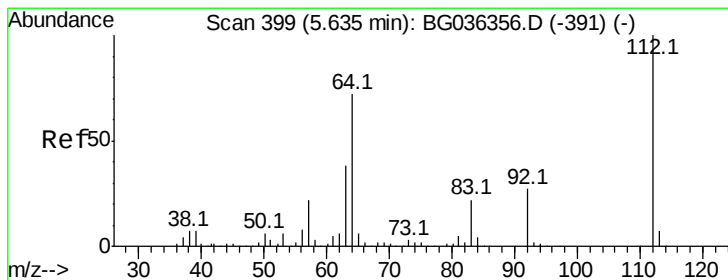
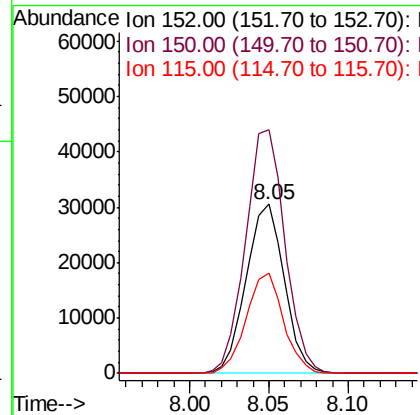
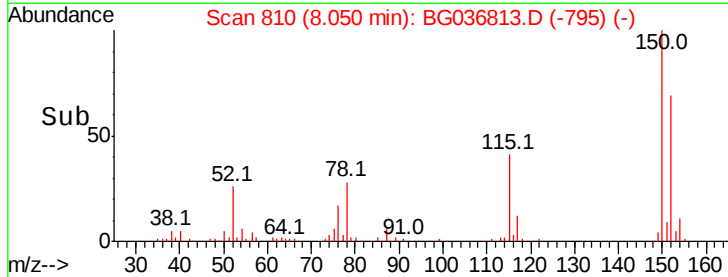


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

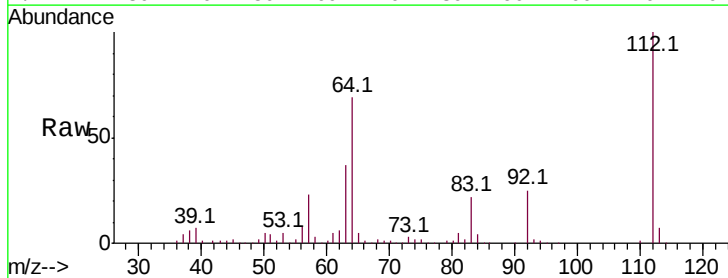
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.142 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036813.D
Acq: 19 Sep 2018 9:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.2	85.8
63	37.0	30.8	46.2

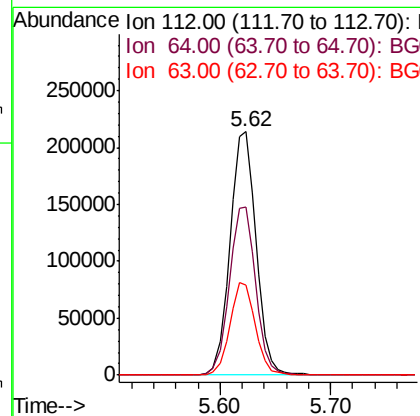
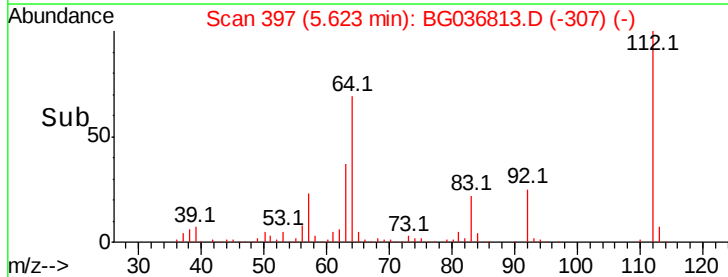


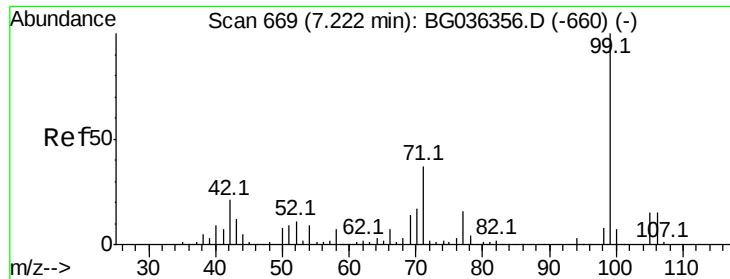
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.222 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036813.D

Acq: 19 Sep 2018 9:27

Instrument :

BNA_G

ClientSampleId :

26kV

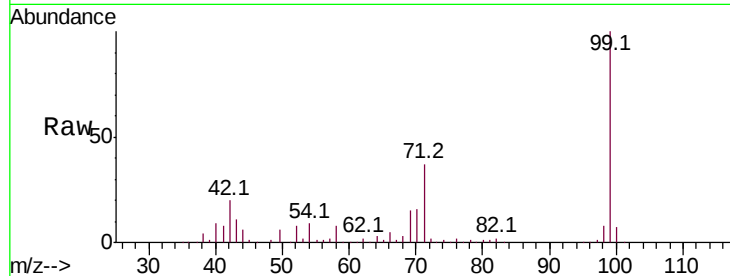
Tot Ion: 99 Resp: 456831

Ion Ratio Lower Upper

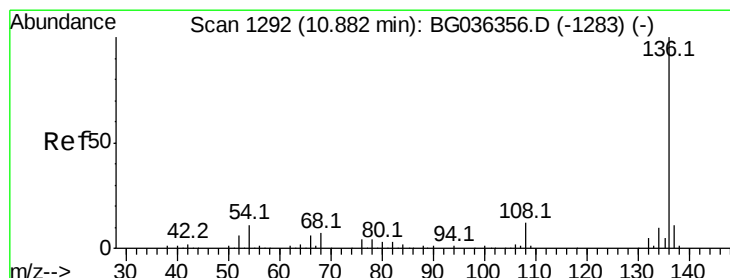
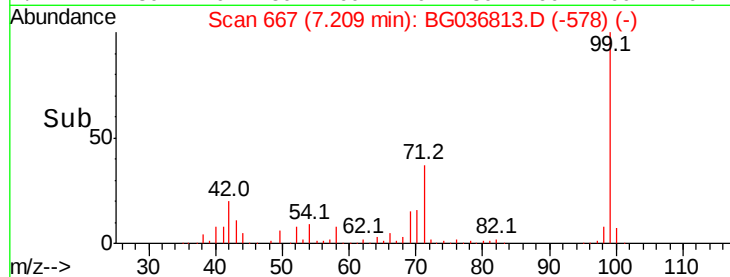
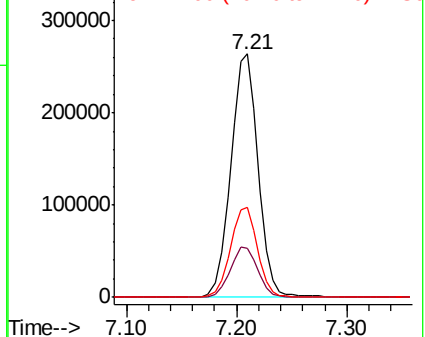
99 100

42 20.2 16.5 24.7

71 36.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036813.D

Acq: 19 Sep 2018 9:27

Tgt Ion: 136 Resp: 214211

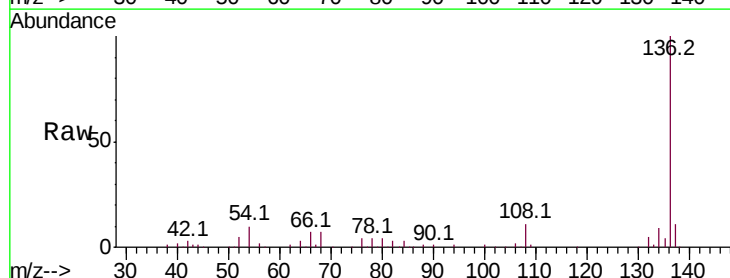
Ion Ratio Lower Upper

136 100

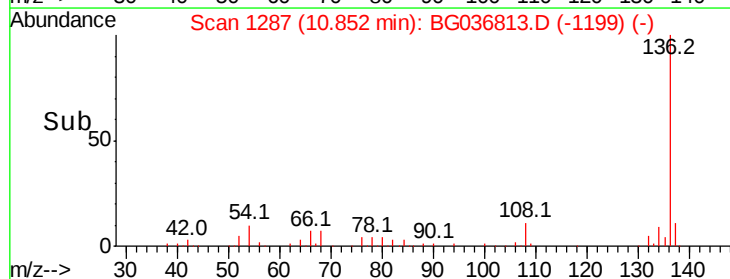
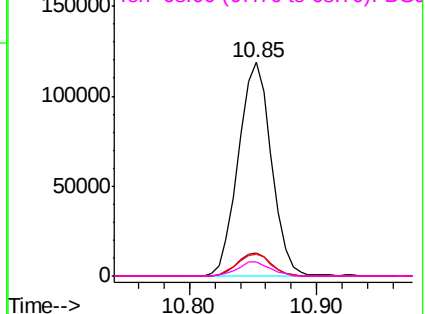
137 10.6 8.8 13.2

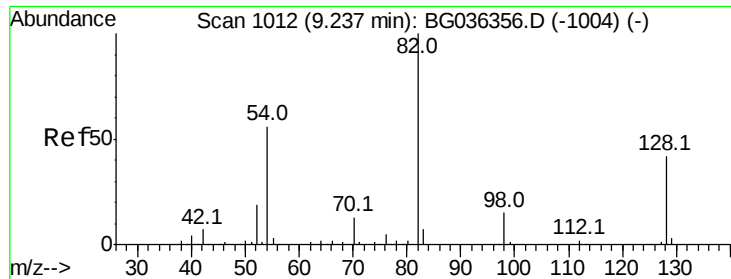
54 10.3 9.2 13.8

68 6.8 5.8 8.6



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

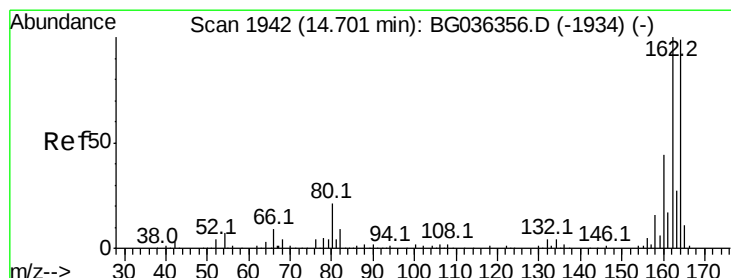
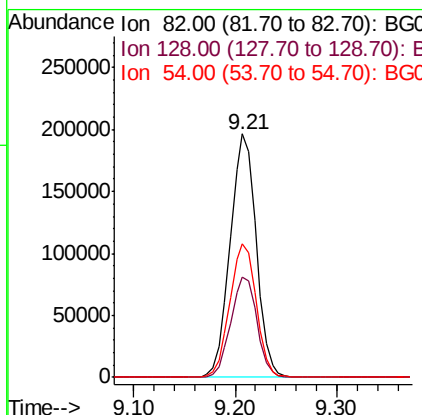
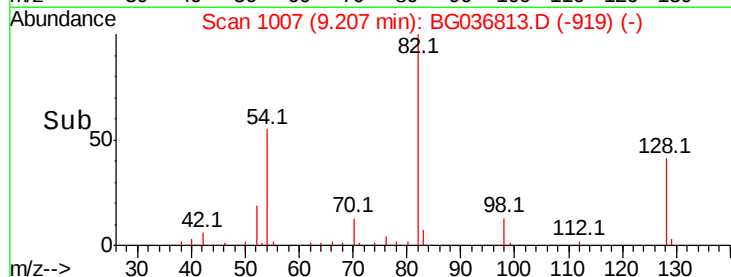
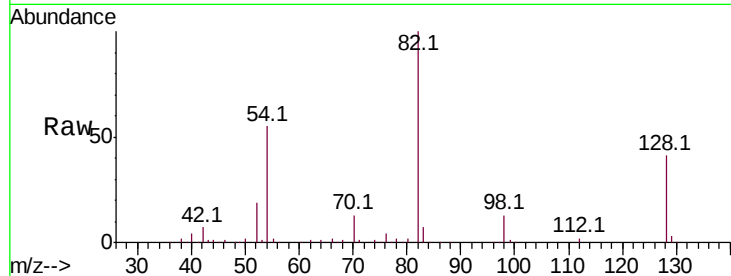




#23
Nitrobenzene-d5
Concen: 88.727 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036813.D
Acq: 19 Sep 2018 9:27

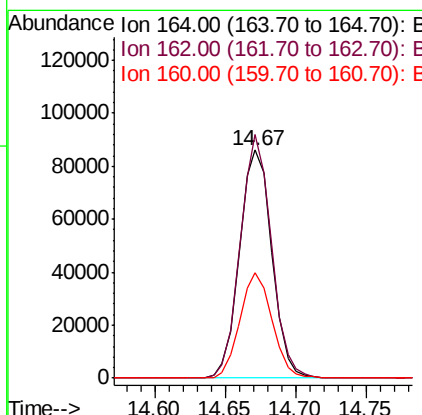
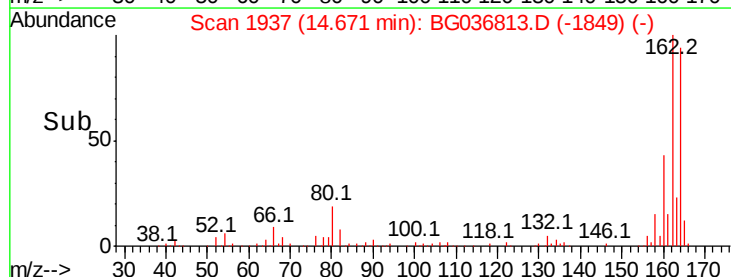
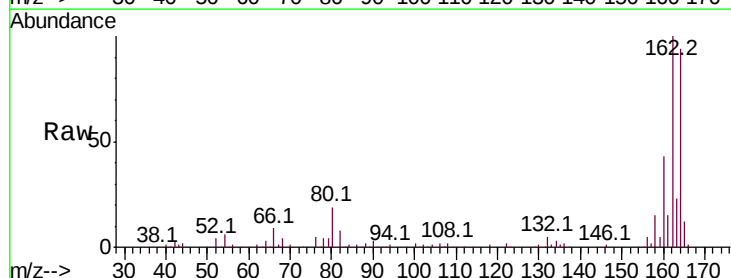
Instrument :
BNA_G
ClientSampleId :
26KV

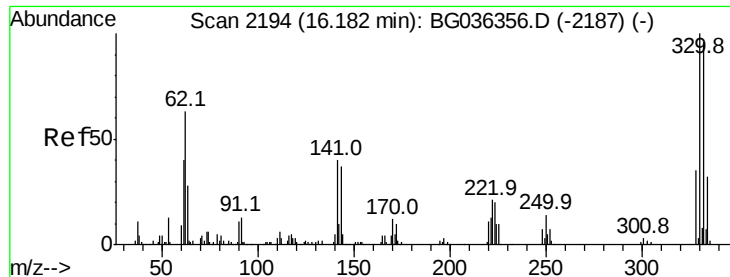
Tot Ion: 82 Resp: 350304
Ion Ratio Lower Upper
82 100
128 41.4 33.3 49.9
54 54.6 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036813.D
Acq: 19 Sep 2018 9:27

Tgt Ion:164 Resp: 138048
Ion Ratio Lower Upper
164 100
162 106.9 80.7 121.1
160 46.4 35.3 52.9

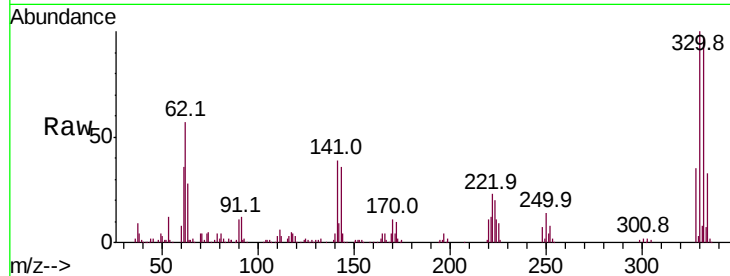




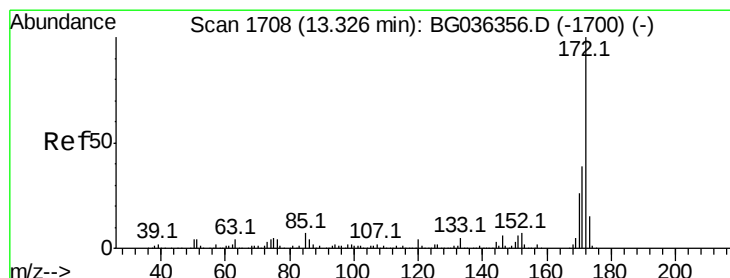
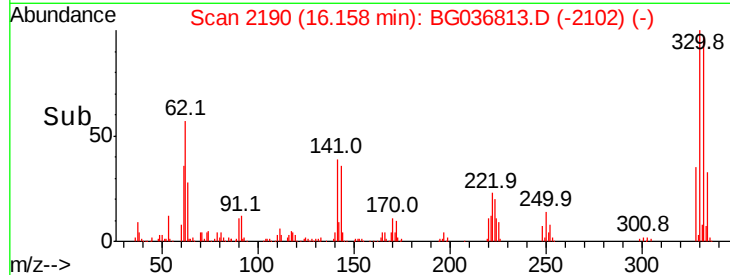
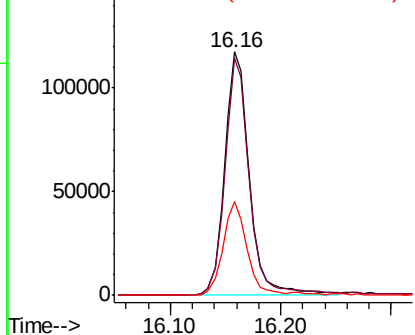
#41
 2,4,6-Tribromophenol
 Concen: 111.896 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036813.D
 Acq: 19 Sep 2018 9:27

Instrument :
 BNA_G
 ClientSampleId :
 26kV

Tot Ion:330 Resp: 184317
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.2
 141 37.8 30.7 46.1

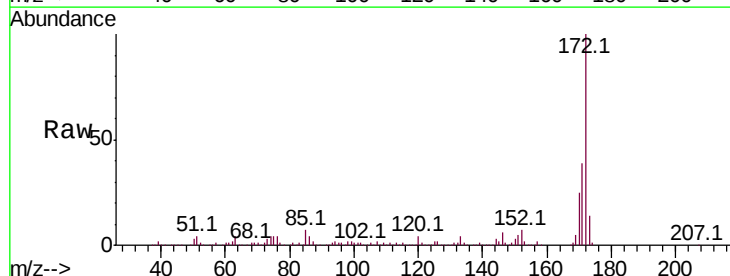


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

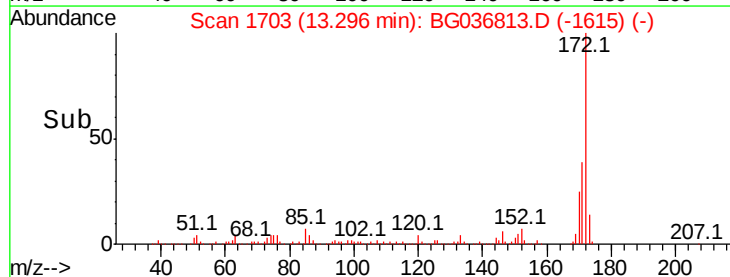
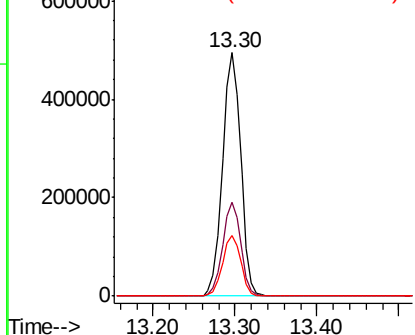


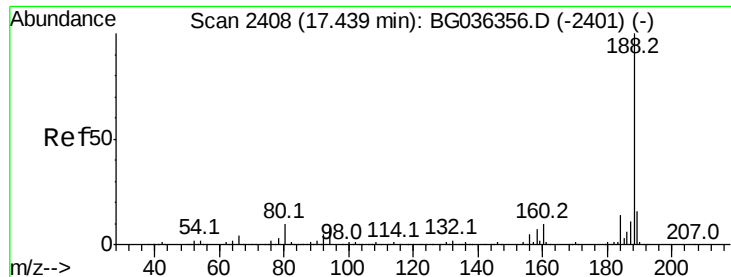
#44
 2-Fluorobiphenyl
 Concen: 79.782 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036813.D
 Acq: 19 Sep 2018 9:27

Tgt Ion:172 Resp: 771366
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.3 46.9
 170 25.1 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG036813.D

Acq: 19 Sep 2018 9:27

Instrument :

BNA_G

ClientSampleId :

26KV

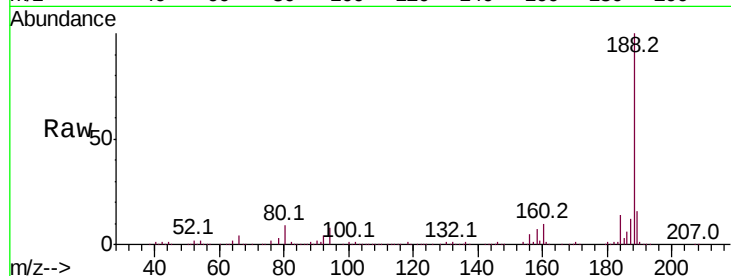
Tot Ion:188 Resp: 344229

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

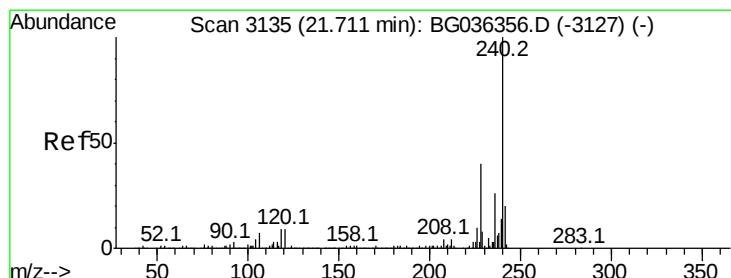
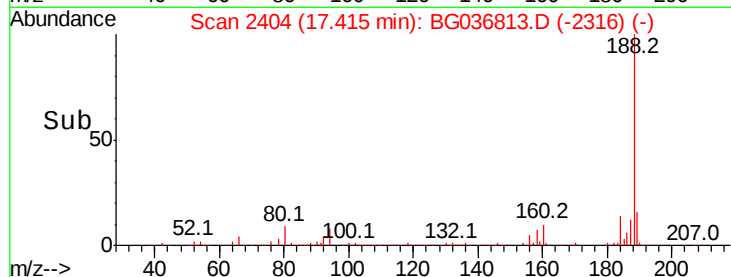
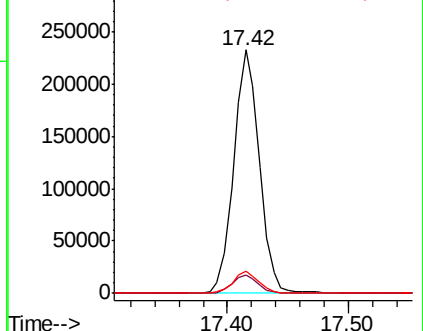
80 9.0 8.1 12.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036813.D

Acq: 19 Sep 2018 9:27

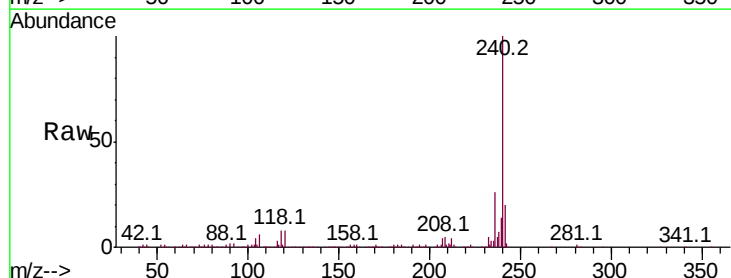
Tgt Ion:240 Resp: 347383

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

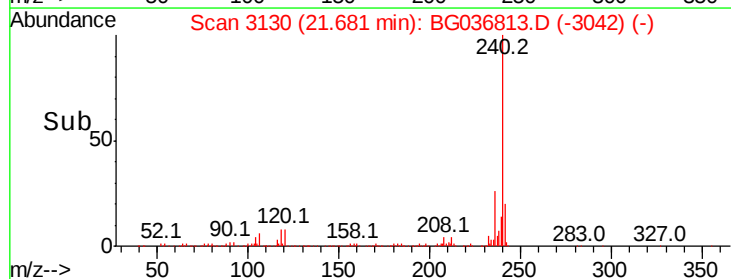
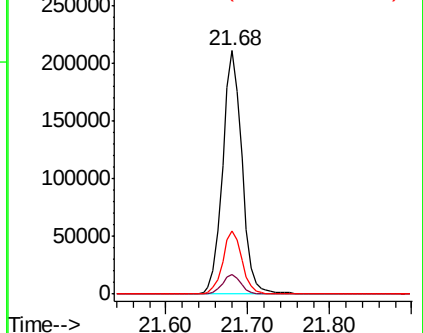
236 25.9 21.2 31.8



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: 86.868 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036813.D

Acq: 19 Sep 2018 9:27

Instrument :

BNA_G

ClientSampleId :

26kV

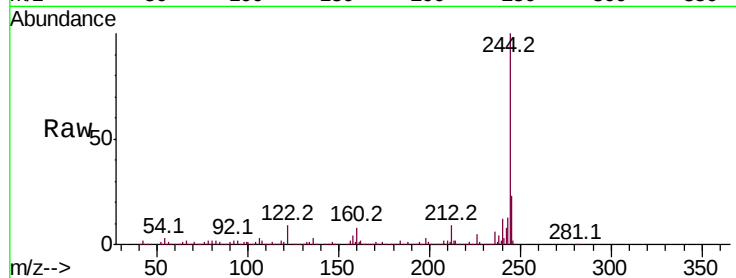
Tot Ion:244 Resp: 1291052

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

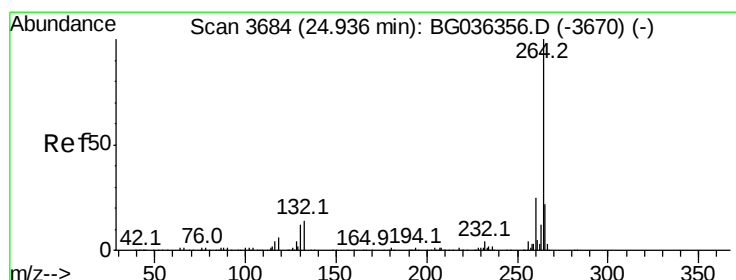
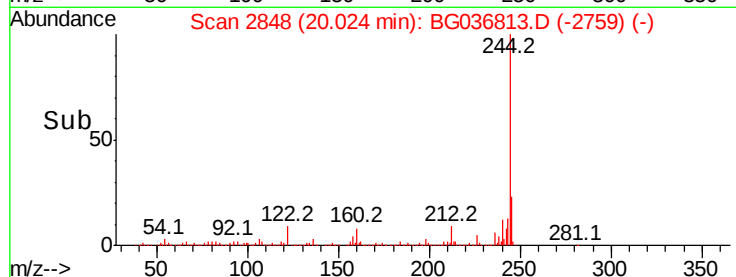
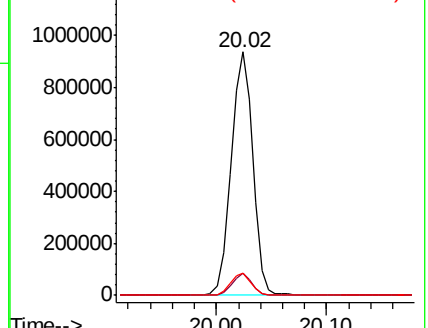
122 9.1 7.1 10.7



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. -0.01 min

Lab File: BG036813.D

Acq: 19 Sep 2018 9:27

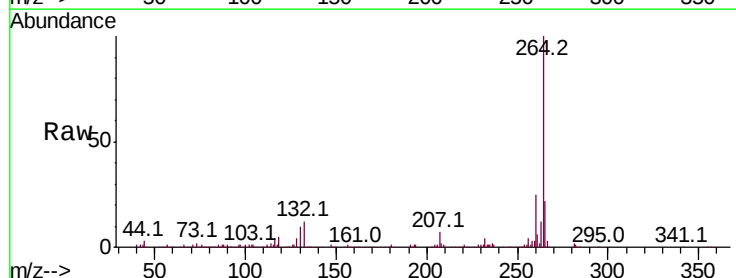
Tgt Ion:264 Resp: 332594

Ion Ratio Lower Upper

264 100

260 24.6 19.6 29.4

265 21.8 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

