

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036736.D
 Acq On : 15 Sep 2018 11:42
 Operator : JU/SJ
 Sample : J4883-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 292

Quant Time: Sep 17 04:14:40 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	50520	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	211441	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	142685	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	381936	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	395382	20.00	ng	-0.02
86) Perylene-d12	24.89	264	393297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	326508	102.52	ng	0.00
7) Phenol-d6	7.21	99	418328	91.74	ng	0.00
23) Nitrobenzene-d5	9.21	82	320403	82.22	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	222119	130.46	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	722264	72.28	ng	-0.02
78) Terphenyl-d14	20.02	244	1394438	82.43	ng	0.00

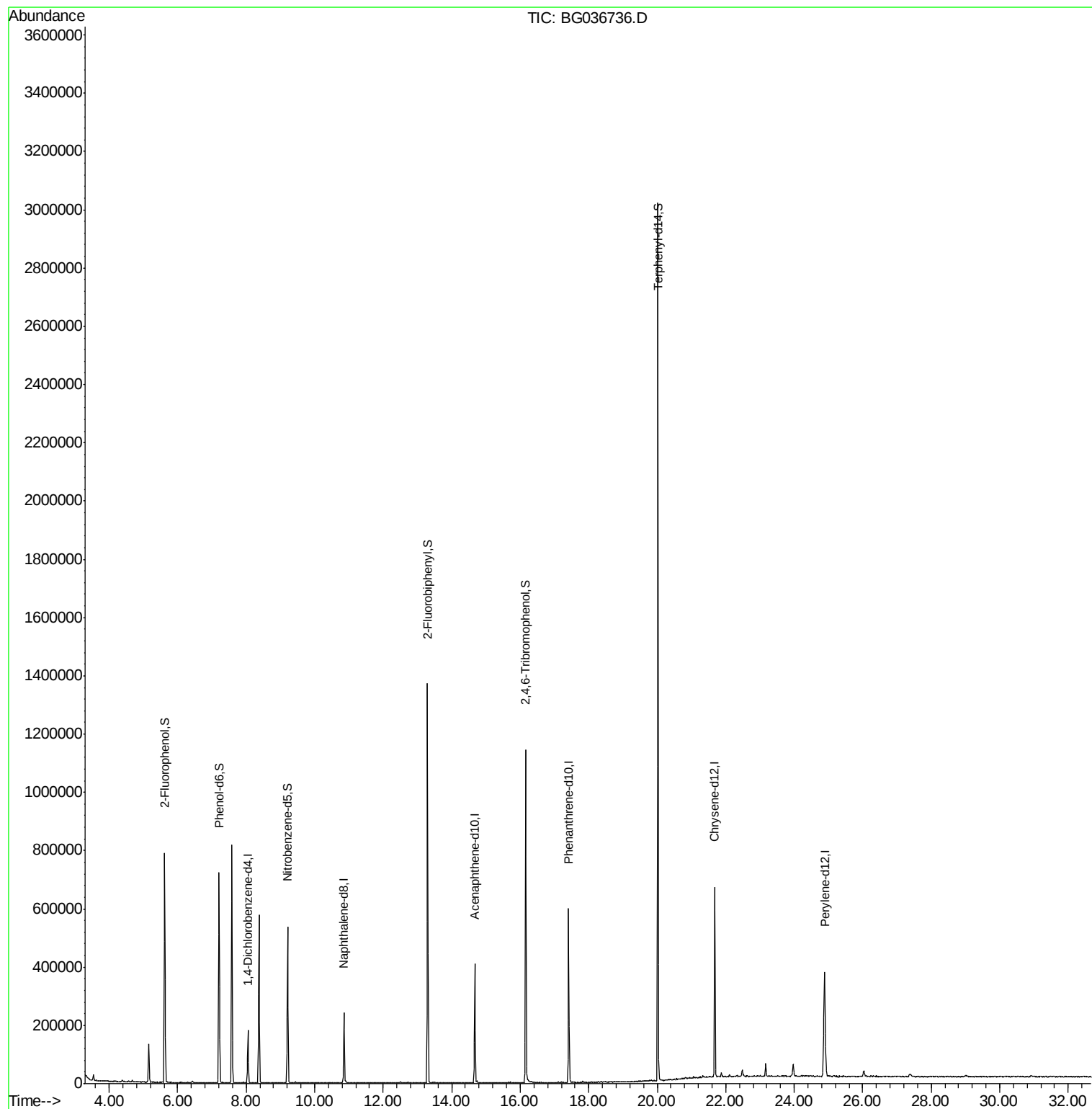
Target Compounds Qvalue

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

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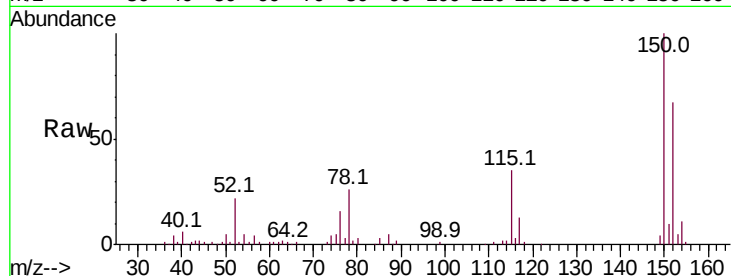


#1

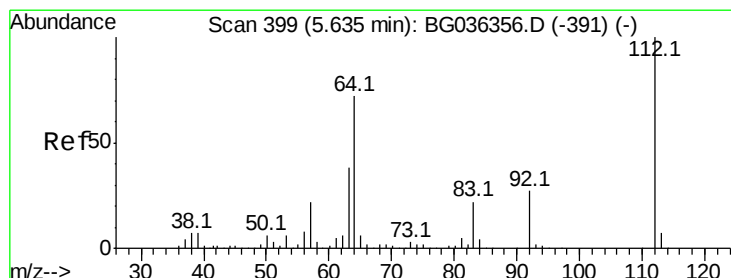
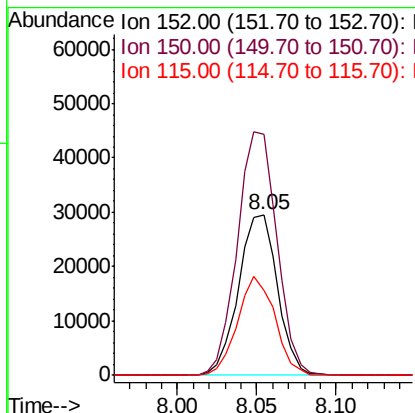
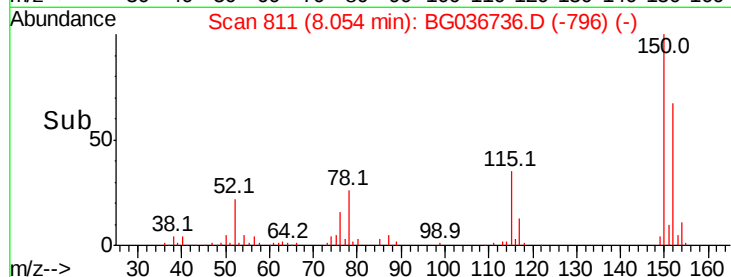
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :
 292

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	119.5	179.3
115	52.5	44.5	66.7



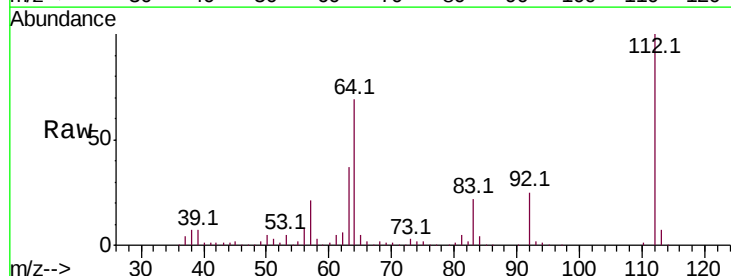
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



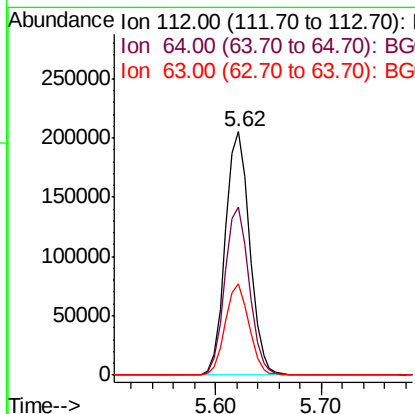
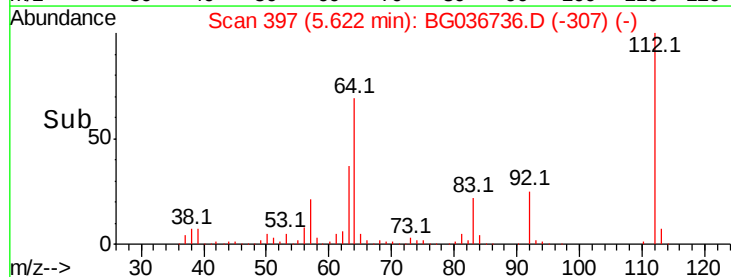
#5

2-Fluorophenol
 Concen: 102.521 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	57.2	85.8
63	37.4	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: 91.742 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

Instrument :

BNA_G

ClientSampleId :

292

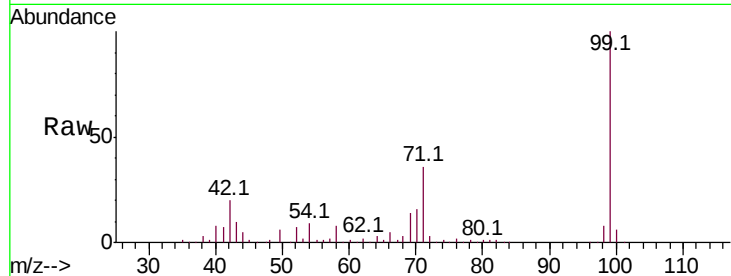
Tot Ion: 99 Resp: 418328

Ion Ratio Lower Upper

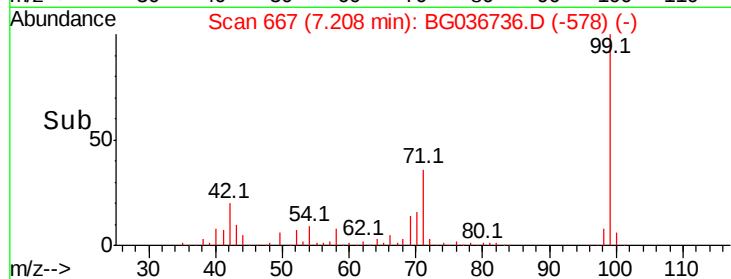
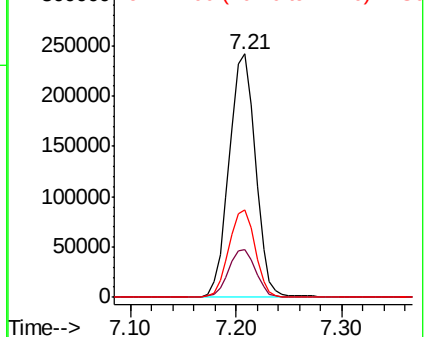
99 100

42 19.7 16.5 24.7

71 35.8 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

Tgt Ion: 136 Resp: 211441

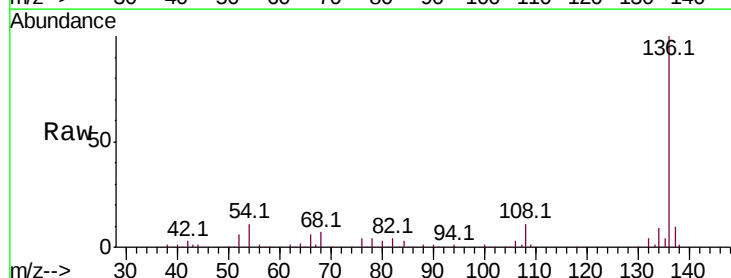
Ion Ratio Lower Upper

136 100

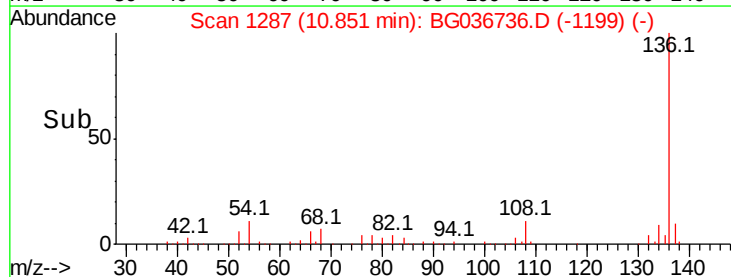
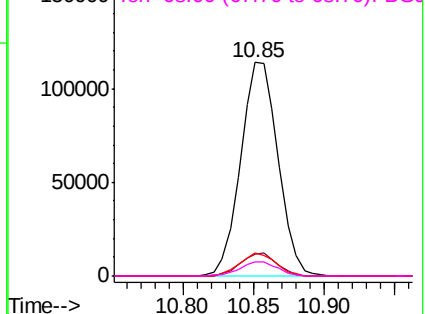
137 10.2 8.8 13.2

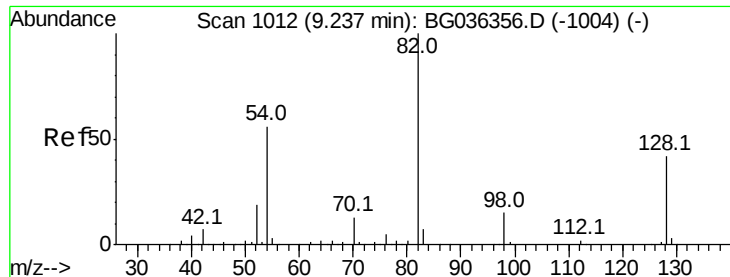
54 10.6 9.2 13.8

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

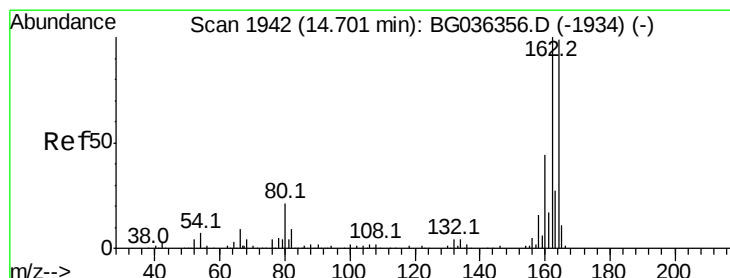
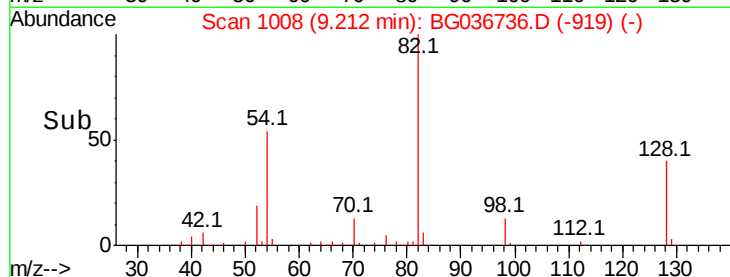
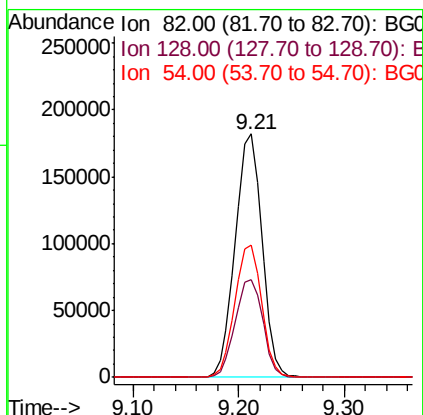
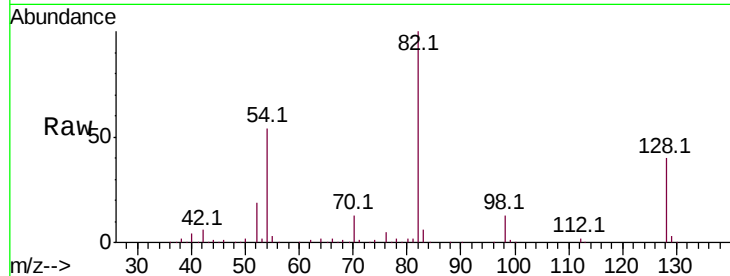




#23
Nitrobenzene-d5
Concen: 82.217 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

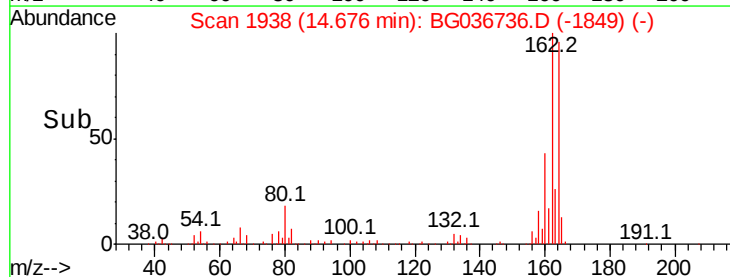
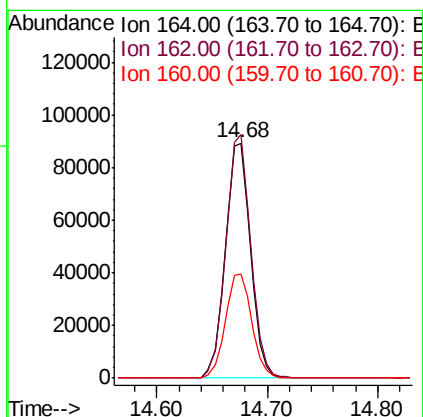
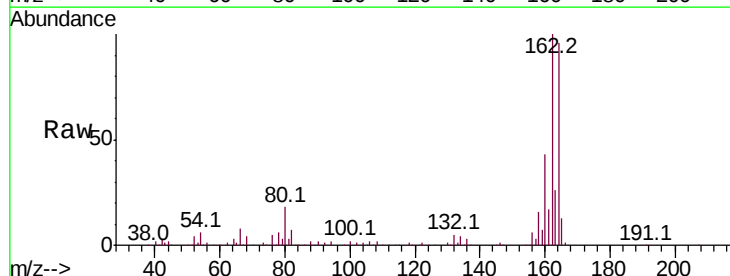
Instrument :
BNA_G
ClientSampled :
292

Tot Ion	82	Resp	320403
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.3	49.9
54	54.3	45.1	67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036736.D
Acq: 15 Sep 2018 11:42

Tgt Ion	164	Resp	142685
Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.7	121.1
160	44.6	35.3	52.9

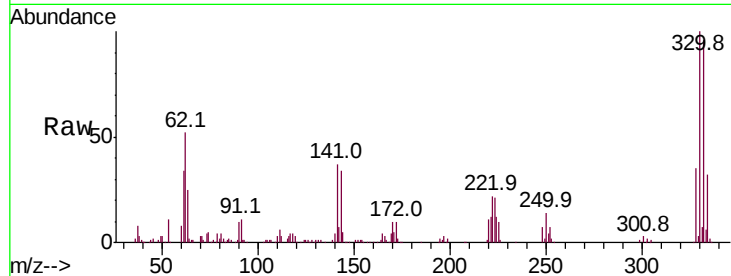




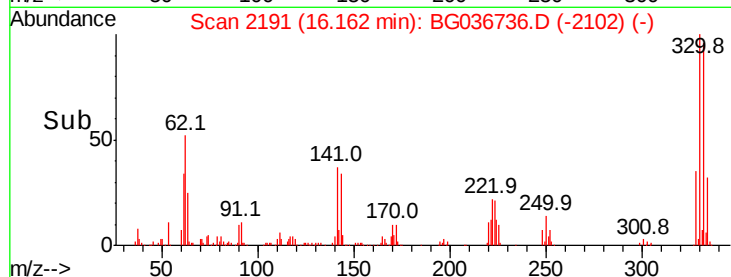
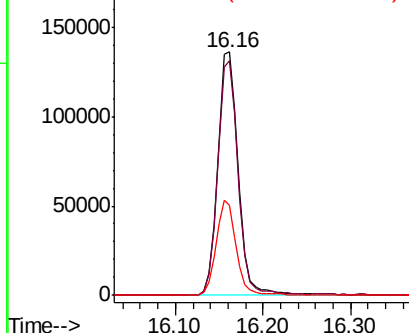
#41
 2,4,6-Tribromophenol
 Concen: 130.462 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :
 292

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.4	113.2
141	37.9	30.7	46.1

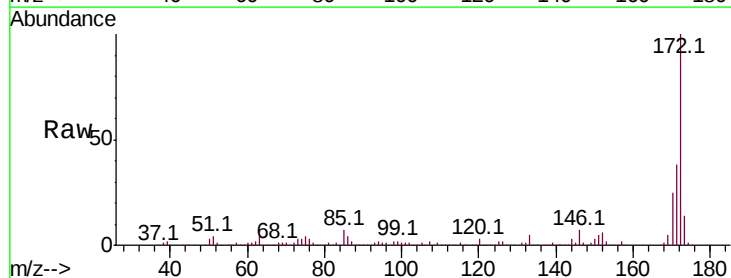


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

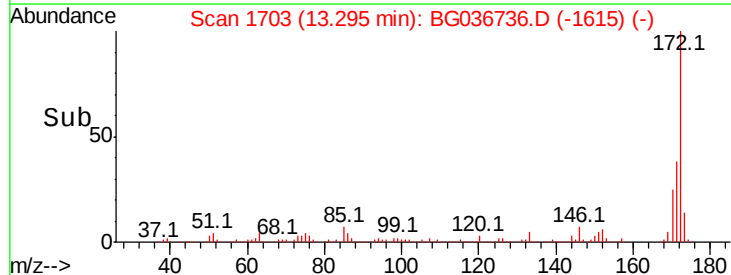
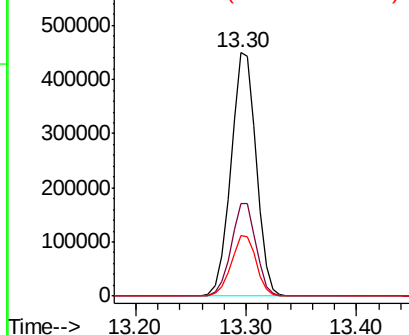


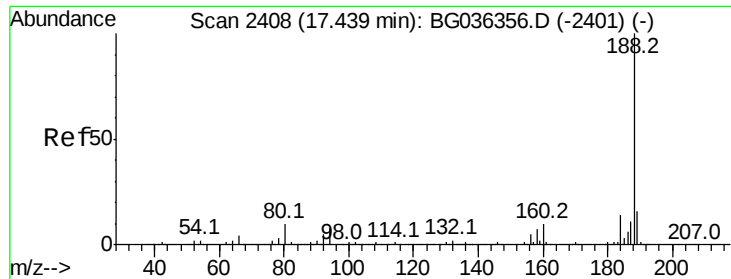
#44
 2-Fluorobiphenyl
 Concen: 72.275 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	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: 17.41 min Scan# 2404

Delta R.T. -0.02 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

Instrument :

BNA_G

ClientSampleId :

292

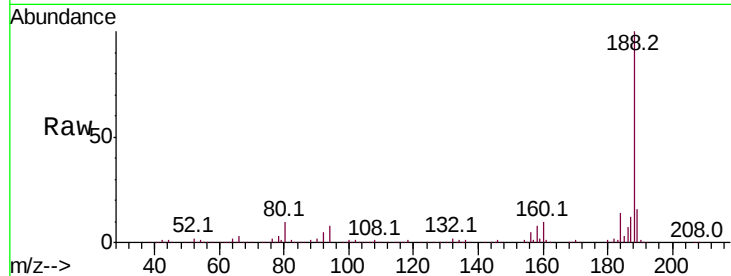
Tot Ion:188 Resp: 381936

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

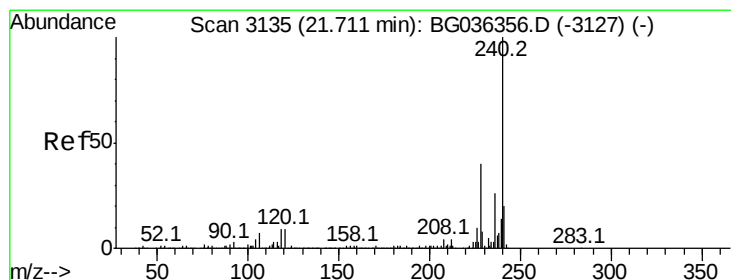
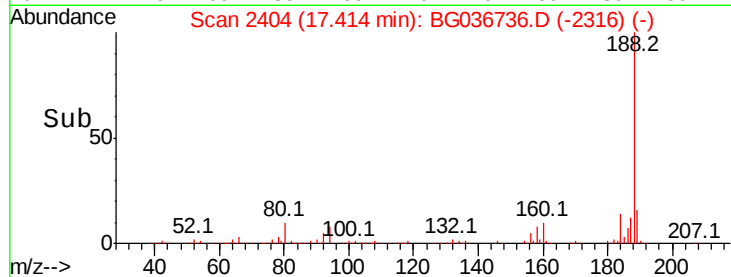
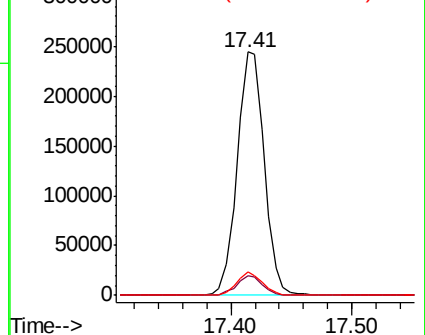
80 9.5 8.1 12.1



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. -0.02 min

Lab File: BG036736.D

Acq: 15 Sep 2018 11:42

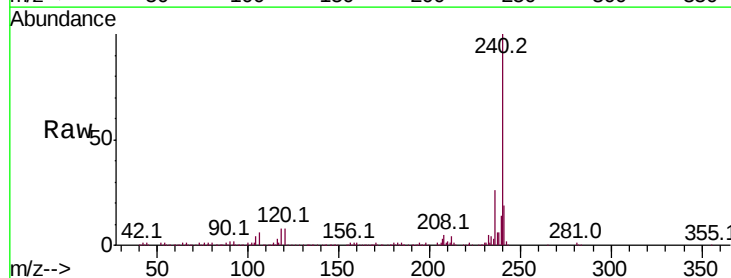
Tgt Ion:240 Resp: 395382

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

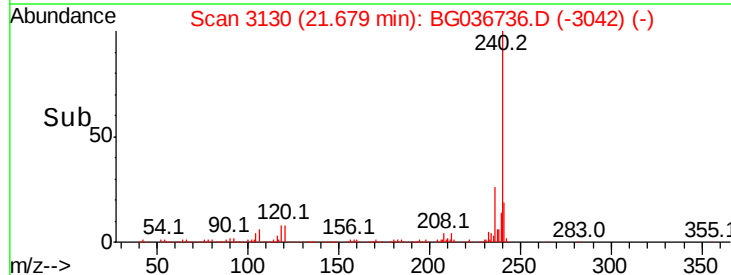
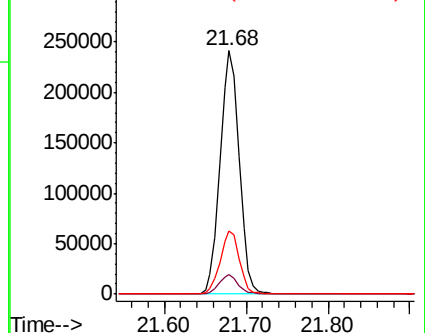
236 26.1 21.2 31.8



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



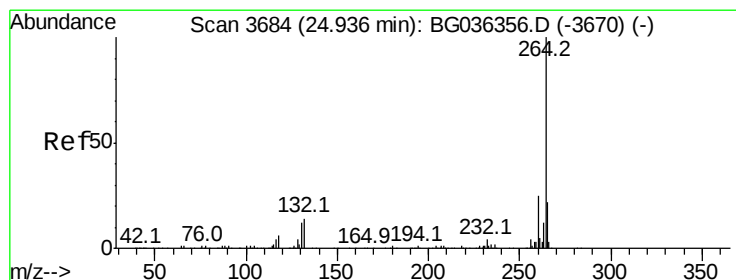
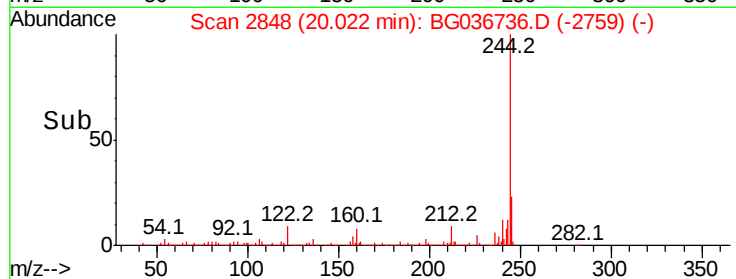
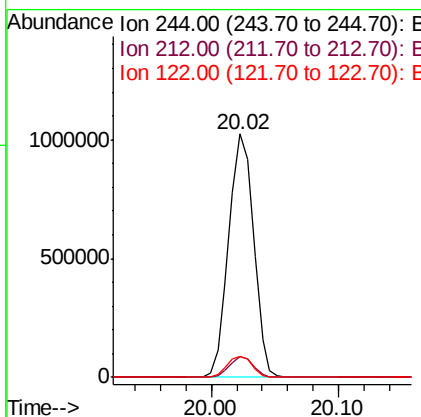
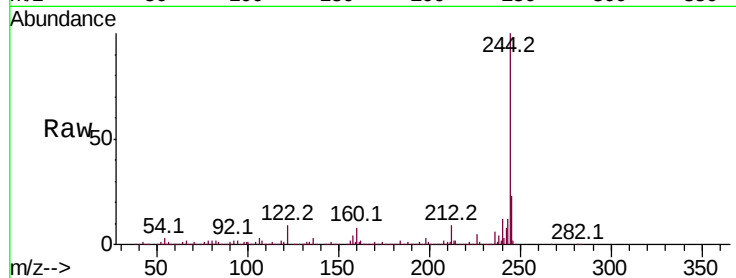


#78
 Terphenyl-d14
 Concen: 82.434 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Instrument :
 BNA_G
 ClientSampled :
 292

Tot Ion:244 Resp: 1394438

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# 3676
 Delta R.T. -0.02 min
 Lab File: BG036736.D
 Acq: 15 Sep 2018 11:42

Tgt Ion:264 Resp: 393297

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.6	29.4
265	20.8	17.4	26.0

