

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 :
 138-KV

Quant Time: Sep 18 11:32:42 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

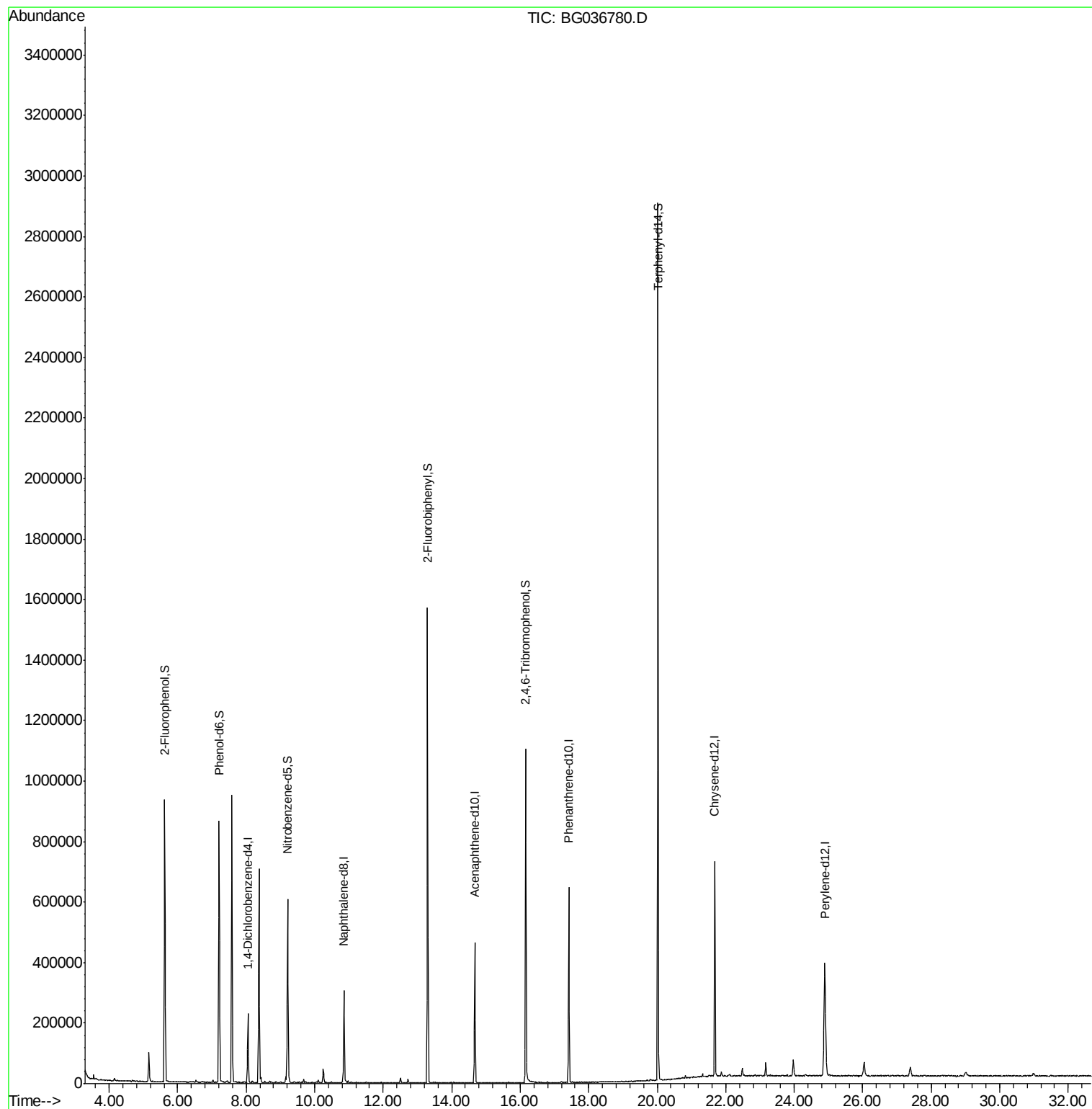
Target Compounds Qvalue

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

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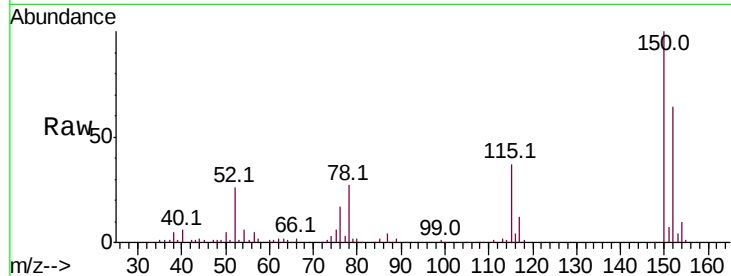


#1

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

Instrument :
 BNA_G
 ClientSampled :
 138-KV

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

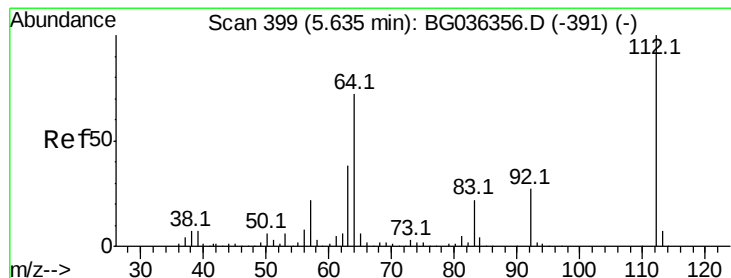
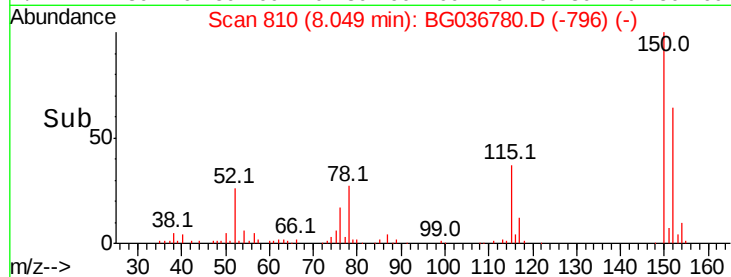
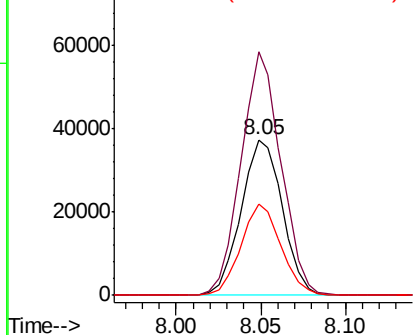


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

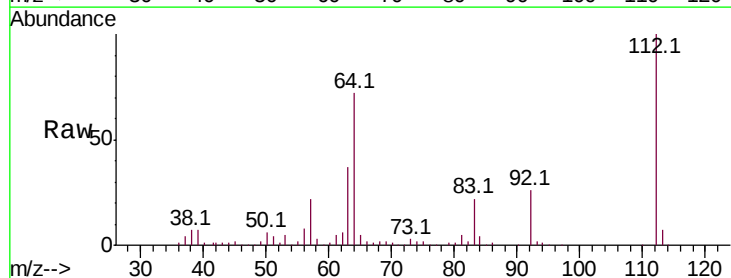
Ion 115.00 (114.70 to 115.70): E



#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

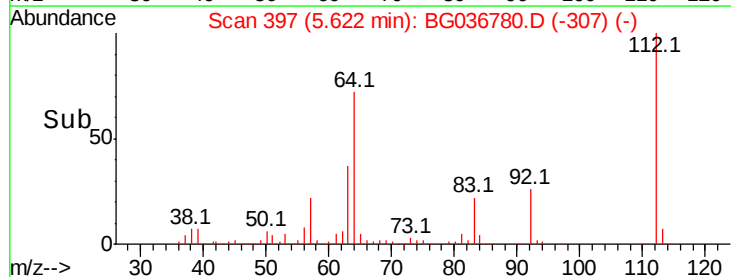
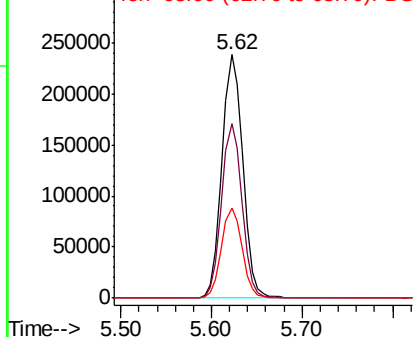


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#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 :

138-KV

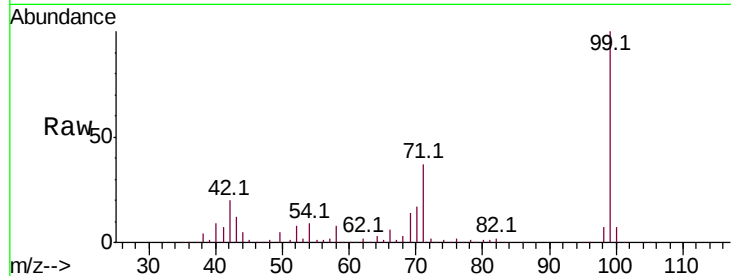
Tot Ion: 99 Resp: 483018

Ion Ratio Lower Upper

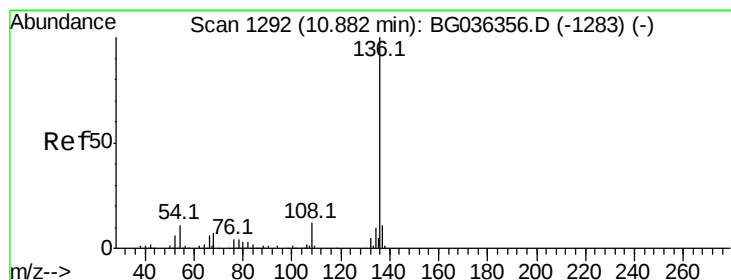
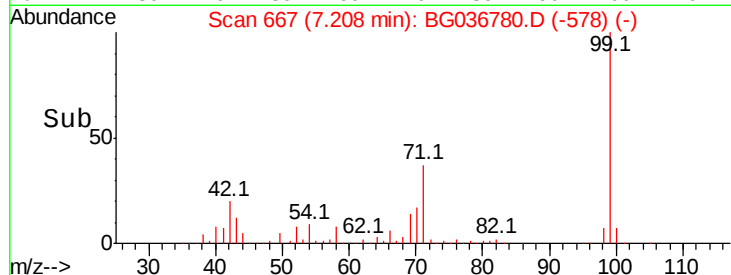
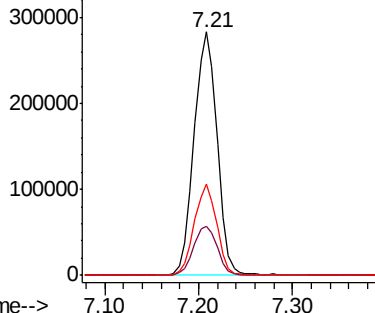
99 100

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



#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

Tgt Ion: 136 Resp: 259287

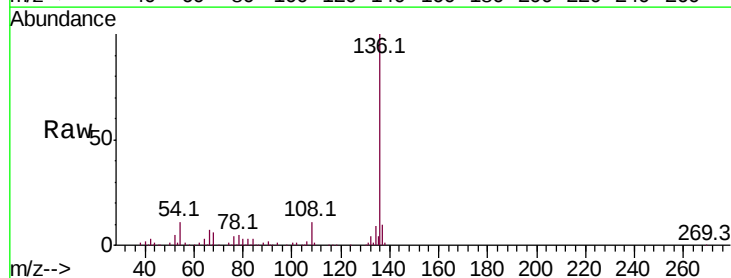
Ion Ratio Lower Upper

136 100

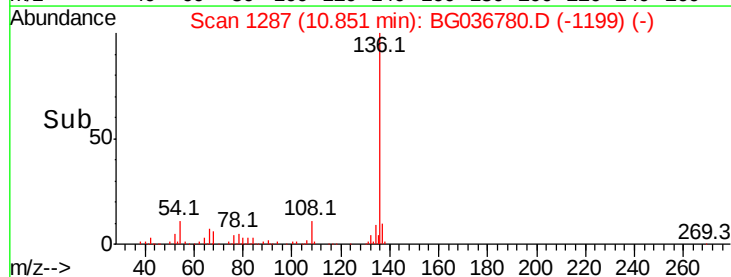
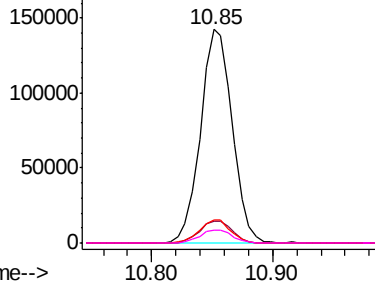
137 10.4 8.8 13.2

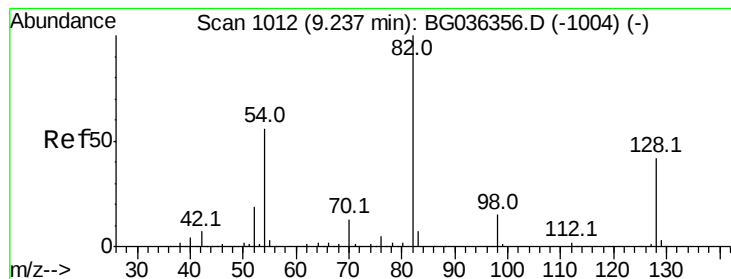
54 10.7 9.2 13.8

68 6.1 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): 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: 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

Instrument :

BNA_G

ClientSampled :

138-KV

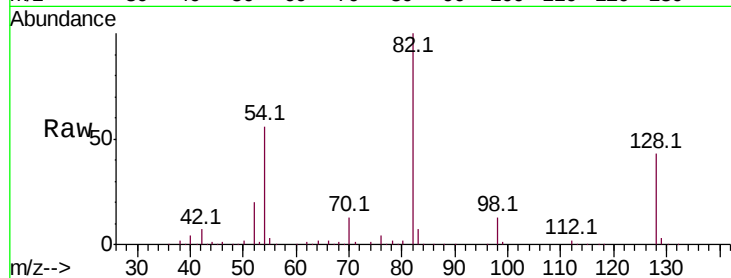
Tot Ion: 82 Resp: 366433

Ion Ratio Lower Upper

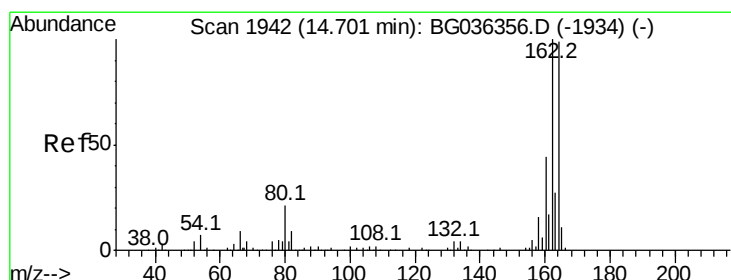
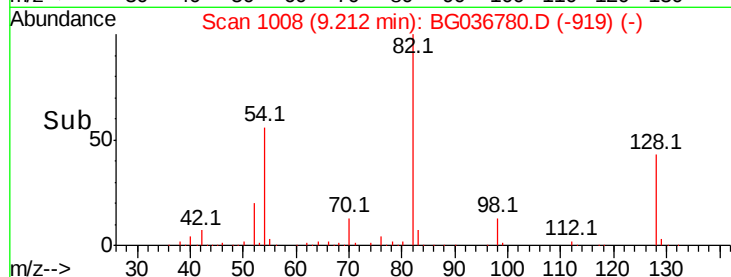
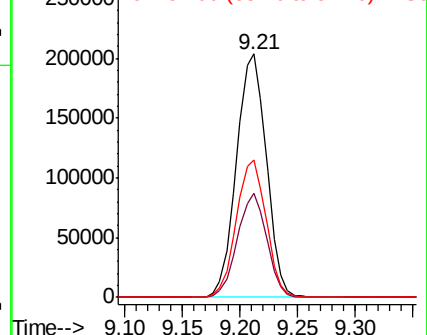
82 100

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): BGC
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

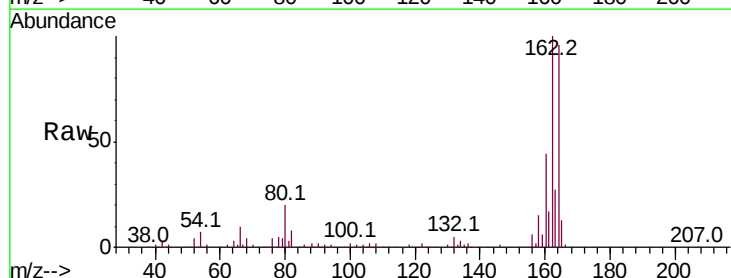
Tgt Ion: 164 Resp: 164556

Ion Ratio Lower Upper

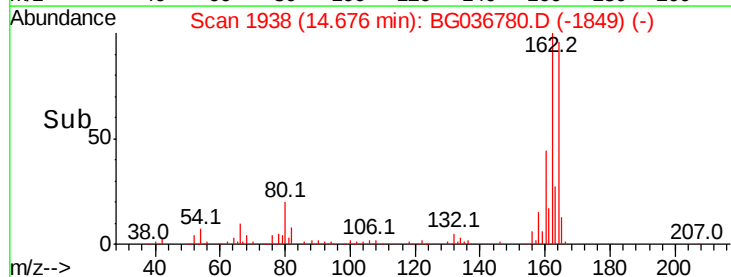
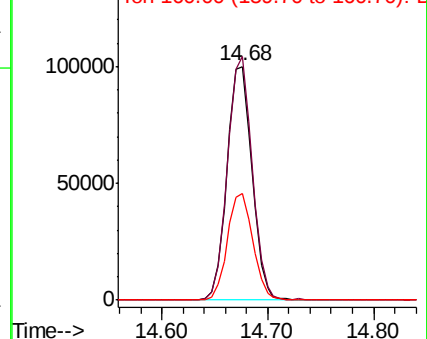
164 100

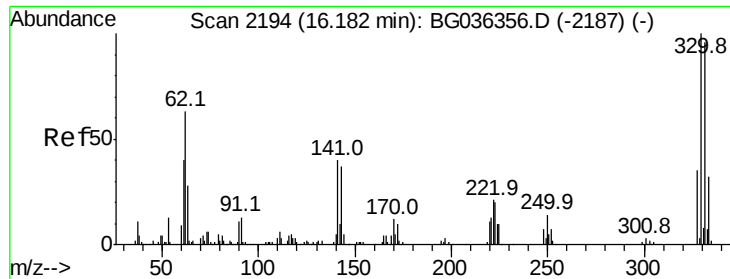
162 104.2 80.7 121.1

160 45.5 35.3 52.9



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

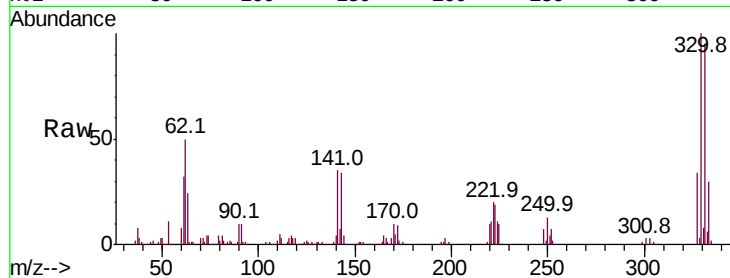




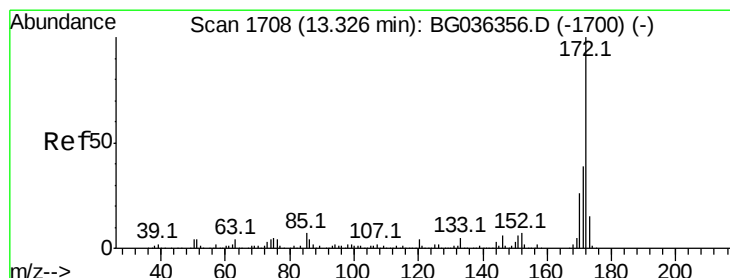
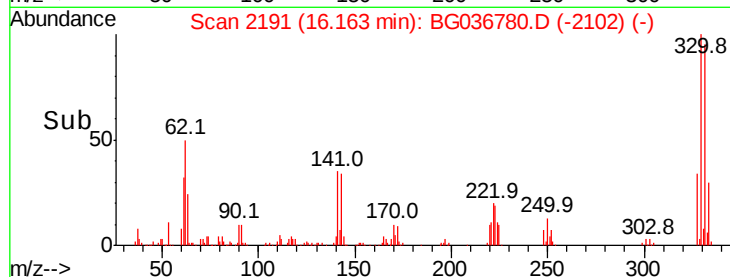
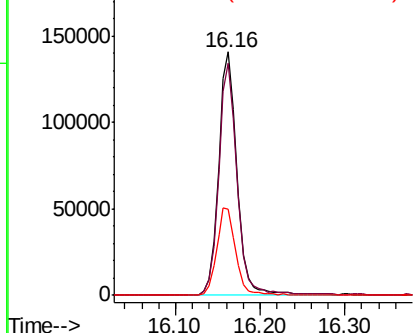
#41
 2,4,6-Tribromophenol
 Concen: 110.225 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Instrument :
 BNA_G
 ClientSampled :
 138-KV

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.4	113.2
141	37.3	30.7	46.1

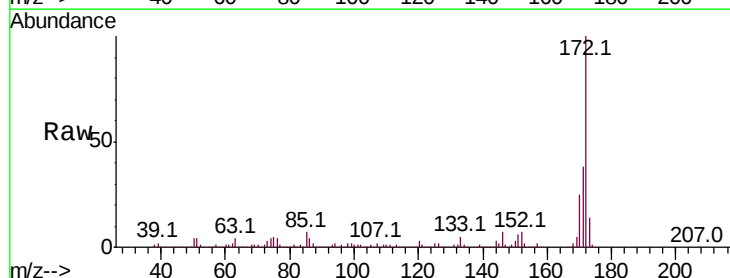


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

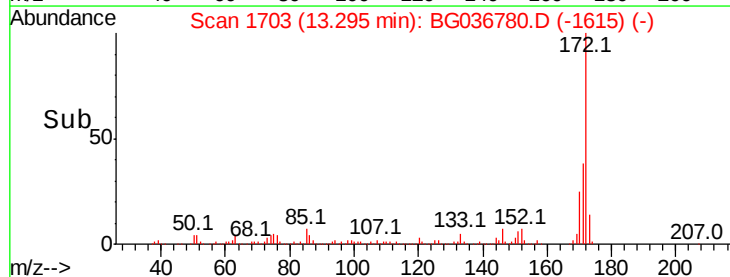
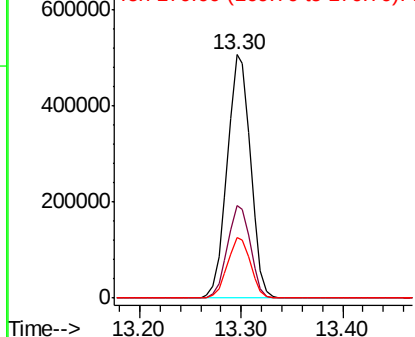


#44
 2-Fluorobiphenyl
 Concen: 70.174 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036780.D
 Acq: 18 Sep 2018 9:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	24.9	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

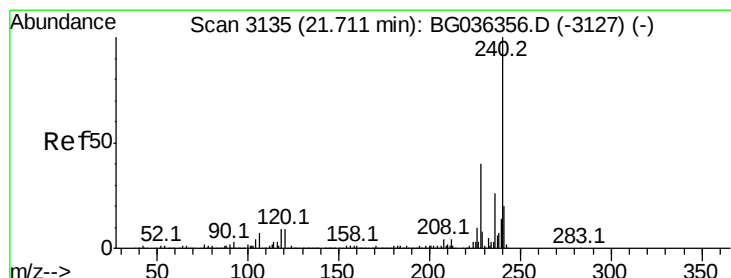
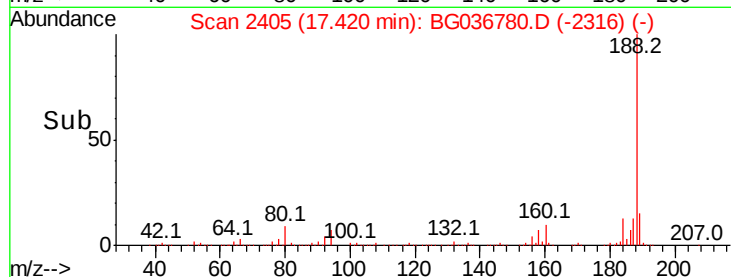
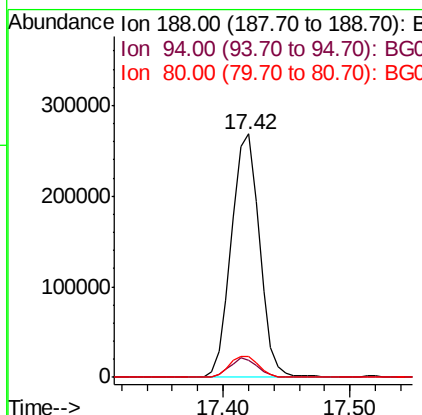
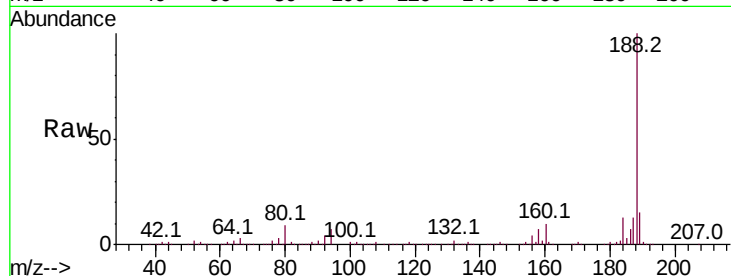




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036780.D
Acq: 18 Sep 2018 9:17

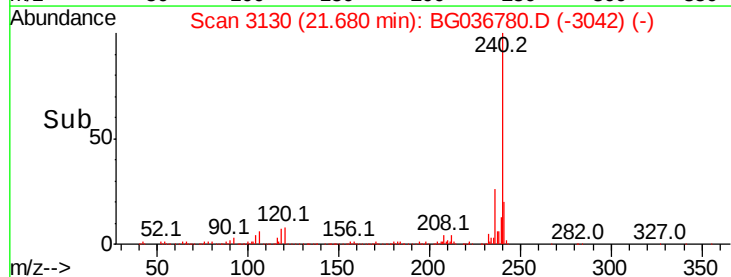
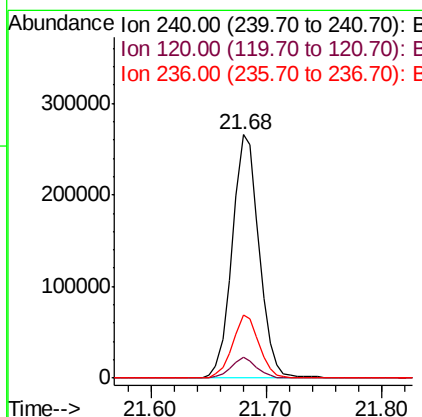
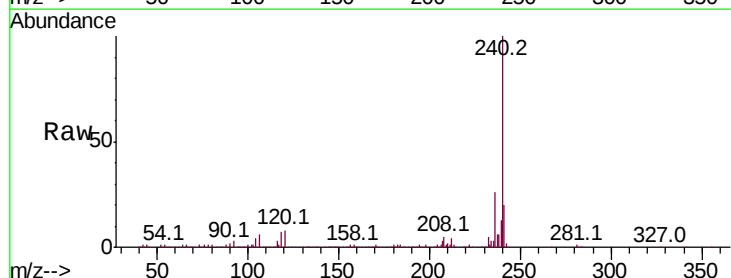
Instrument :
BNA_G
ClientSampleId :
138-KV

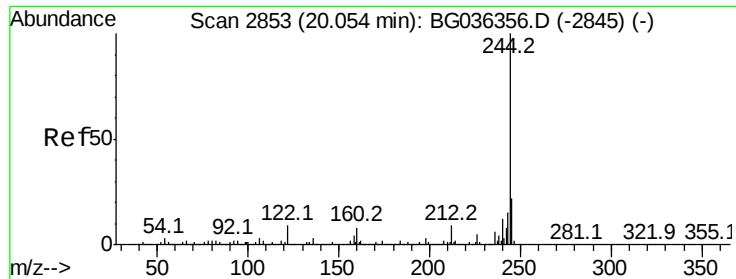
Tot Ion:188 Resp: 411530
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.7 8.1 12.1



#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





#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 :

138-KV

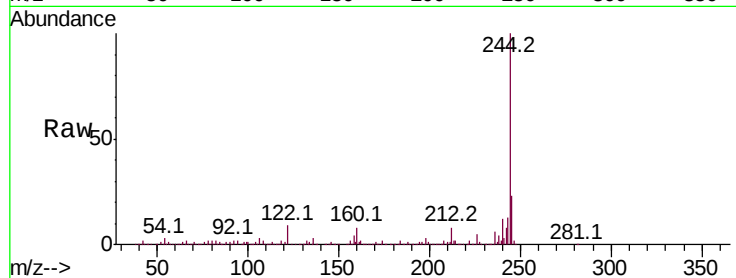
Tot Ion:244 Resp: 1356702

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

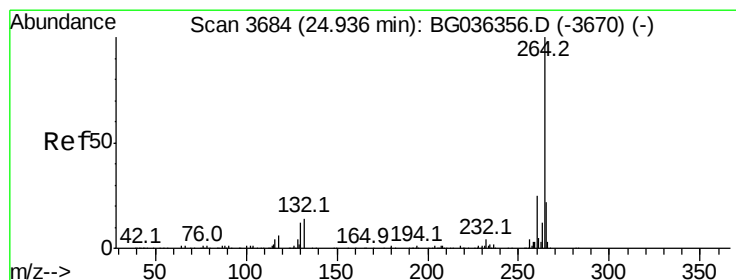
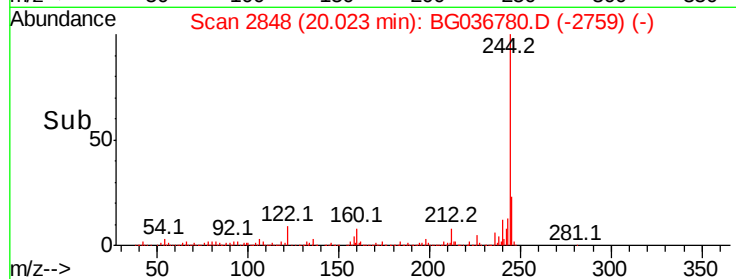
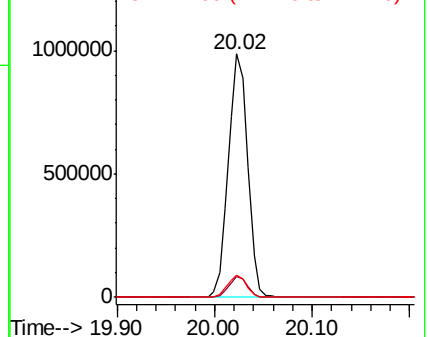
122 9.2 7.1 10.7



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

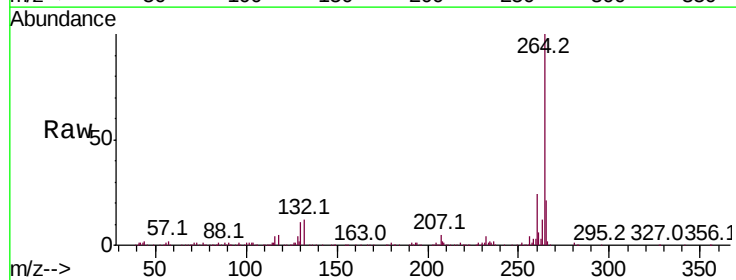
Tgt Ion:264 Resp: 421468

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

