

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091218\
 Data File : BG036678.D
 Acq On : 12 Sep 2018 18:25
 Operator : JU/SJ
 Sample : J4780-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-091118

Quant Time: Sep 13 01:38:58 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	62190	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	258339	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	172223	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	426653	20.00	ng	0.00
75) Chrysene-d12	21.69	240	434583	20.00	ng	0.00
86) Perylene-d12	24.89	264	324649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	421539	107.52	ng	0.00
7) Phenol-d6	7.21	99	546127	97.29	ng	0.00
23) Nitrobenzene-d5	9.21	82	413536	86.85	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	231093	112.45	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	971126	80.51	ng	0.00
78) Terphenyl-d14	20.03	244	1592208	85.63	ng	0.00

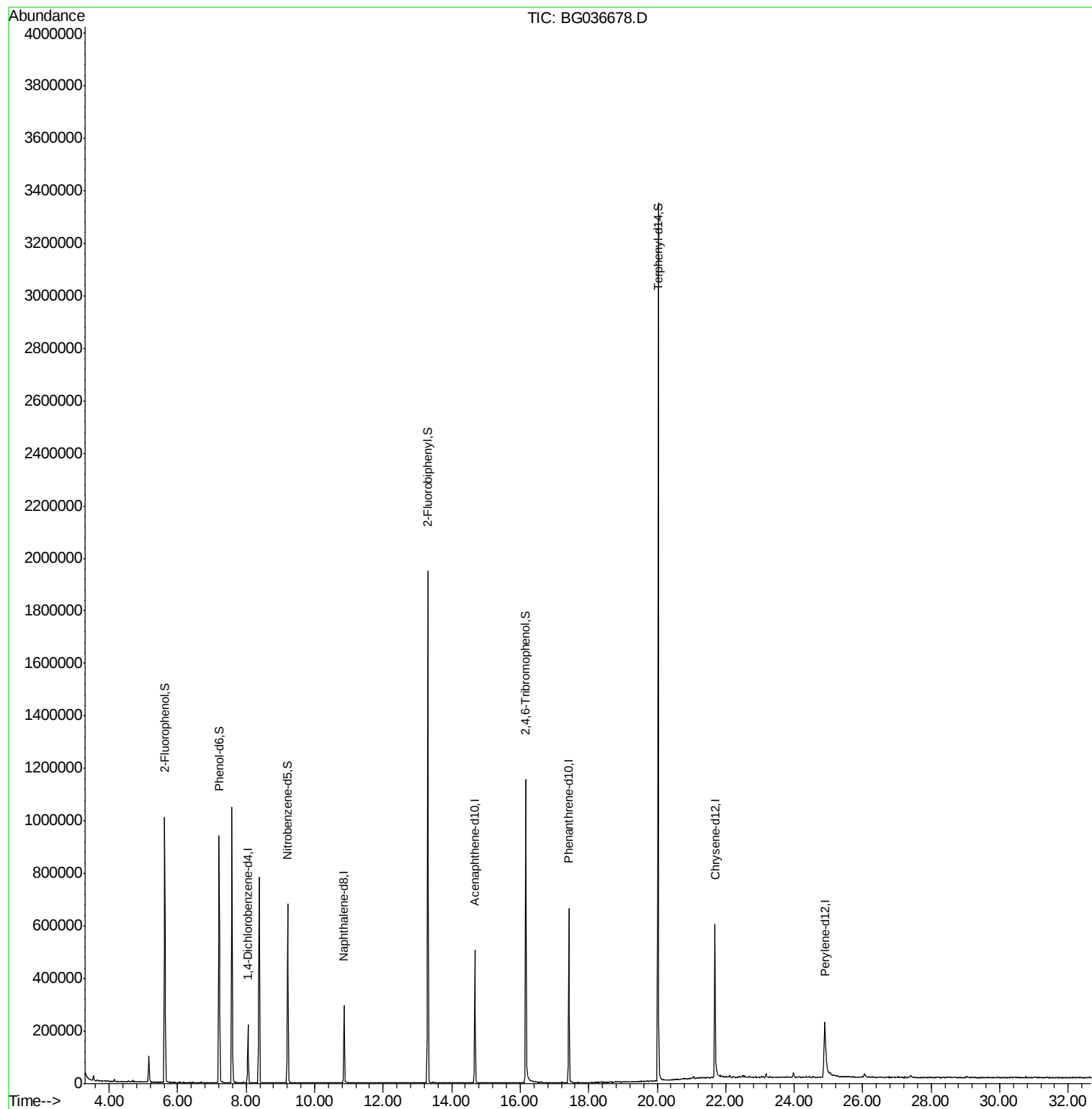
Target Compounds Qvalue

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

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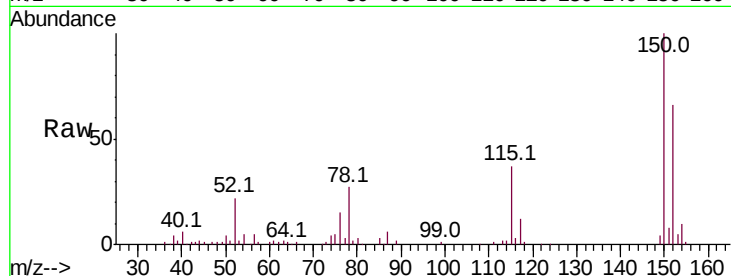


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

Instrument :
BNA_G
ClientSampleId :
TR-04-091118

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	119.5	179.3
115	56.3	44.5	66.7

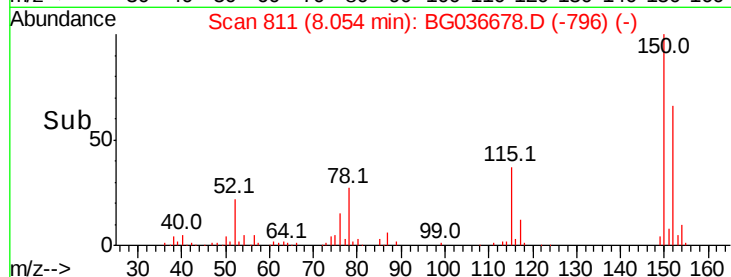
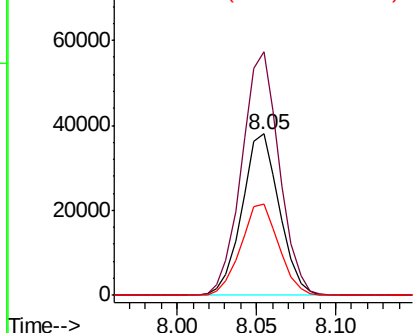


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

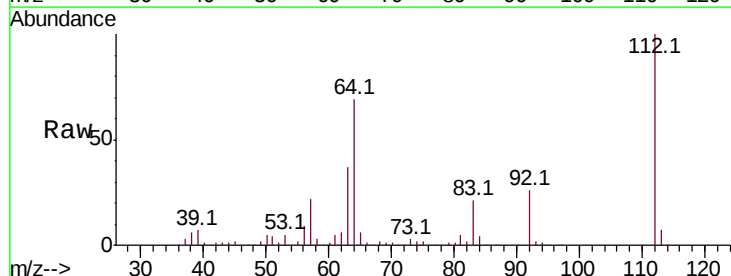
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.523 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	57.2	85.8
63	37.1	30.8	46.2

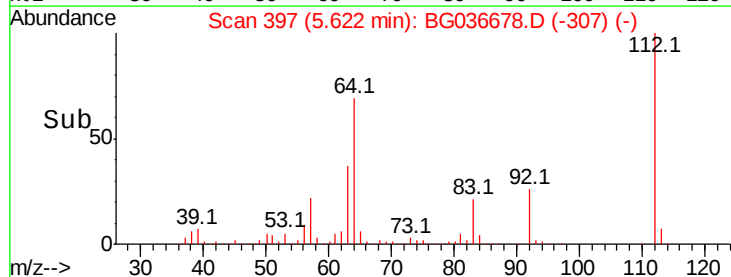
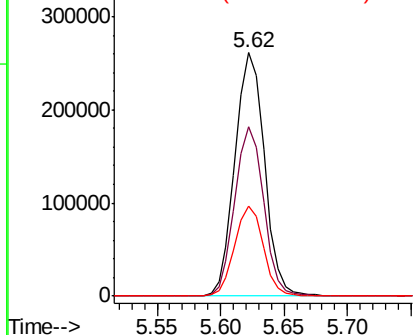


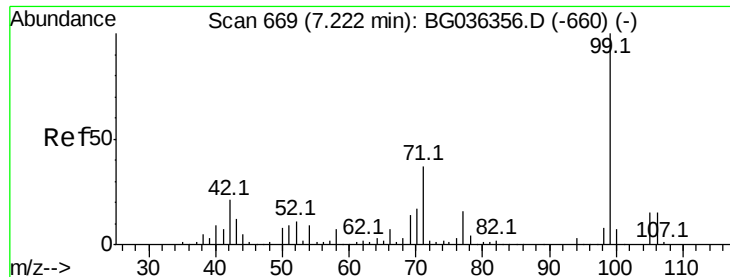
Abundance

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: 97.295 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

Instrument :

BNA_G

ClientSampleId :

TR-04-091118

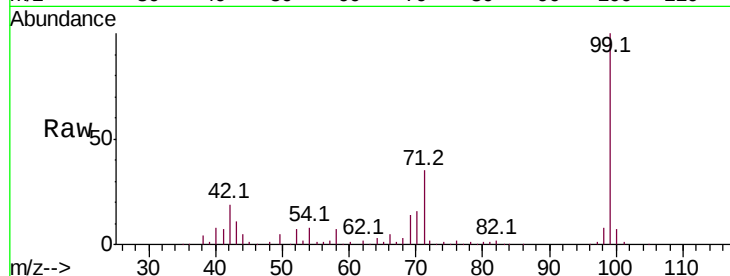
Tot Ion: 99 Resp: 546127

Ion Ratio Lower Upper

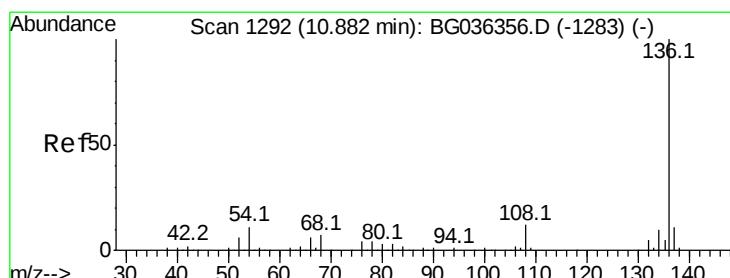
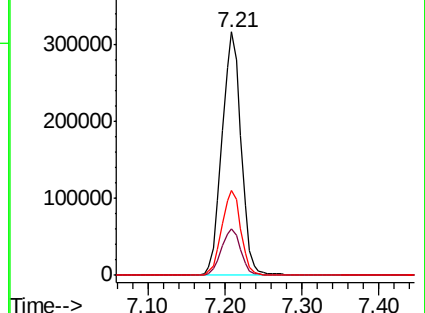
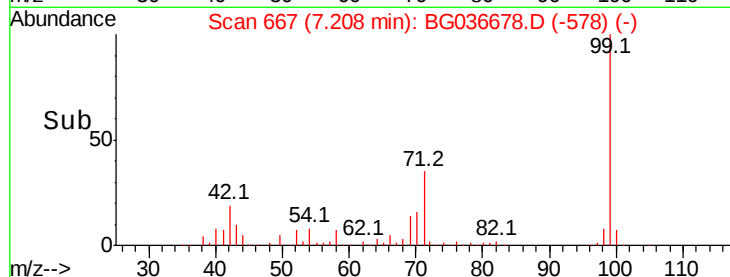
99 100

42 19.4 16.5 24.7

71 34.9 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

Tgt Ion: 136 Resp: 258339

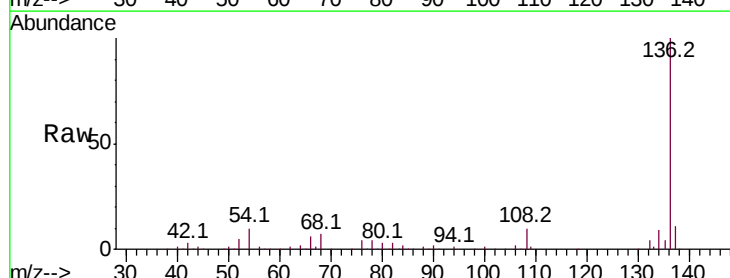
Ion Ratio Lower Upper

136 100

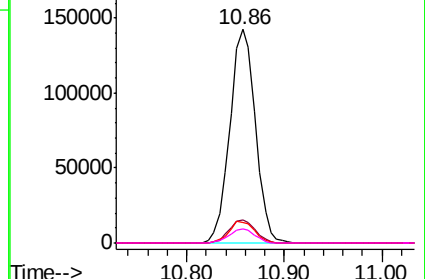
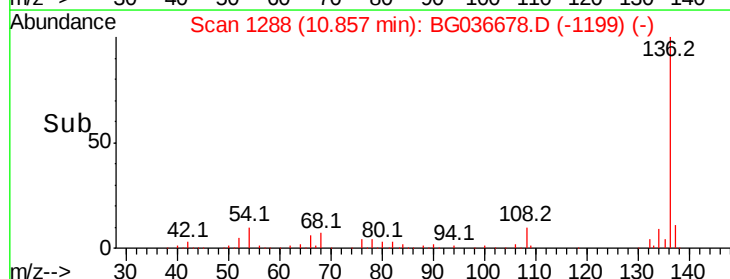
137 10.8 8.8 13.2

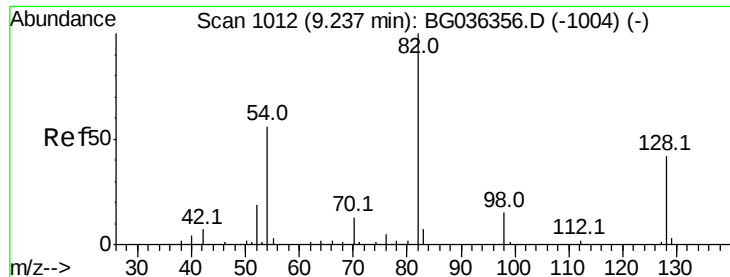
54 9.7 9.2 13.8

68 6.6 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

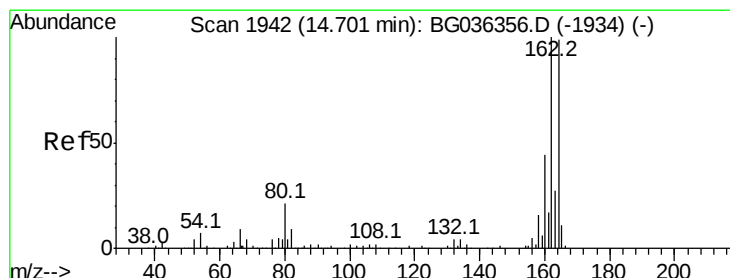
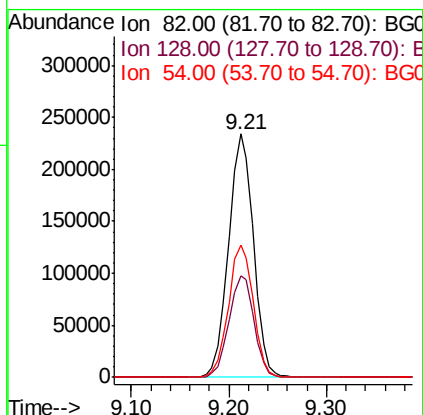
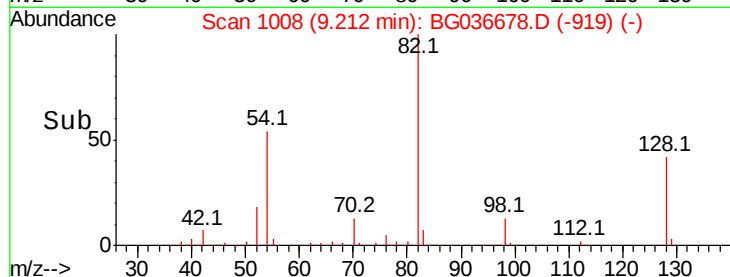
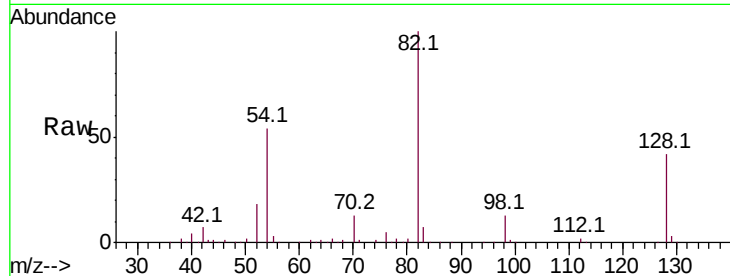




#23
Nitrobenzene-d5
Concen: 86.851 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

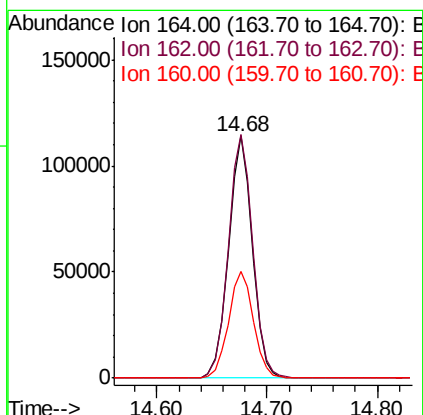
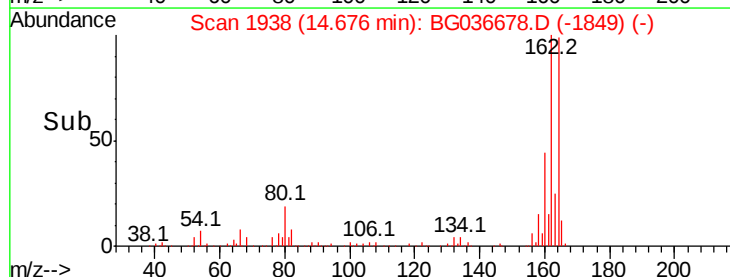
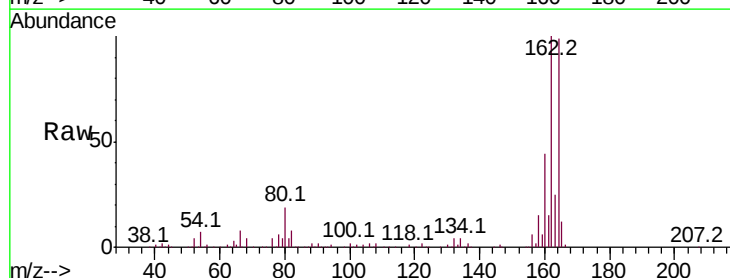
Instrument :
BNA_G
ClientSampleId :
TR-04-091118

Tot Ion: 82 Resp: 413536
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 54.4 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: BG036678.D
Acq: 12 Sep 2018 18:25

Tgt Ion: 164 Resp: 172223
Ion Ratio Lower Upper
164 100
162 100.5 80.7 121.1
160 44.2 35.3 52.9

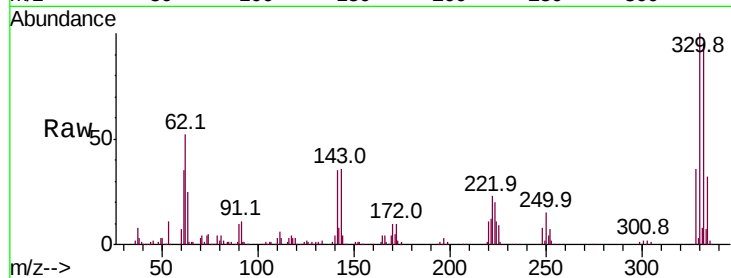




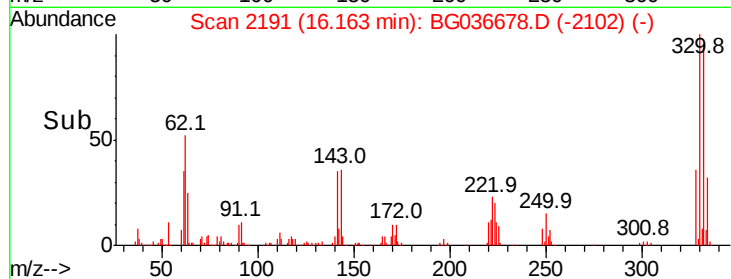
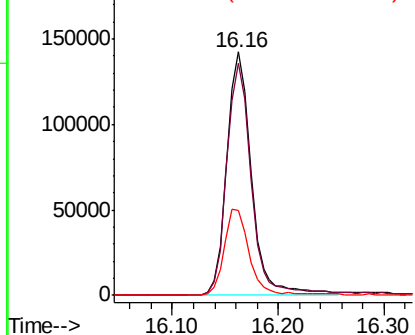
#41
 2,4,6-Tribromophenol
 Concen: 112.454 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-091118

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.4	113.2
141	36.8	30.7	46.1

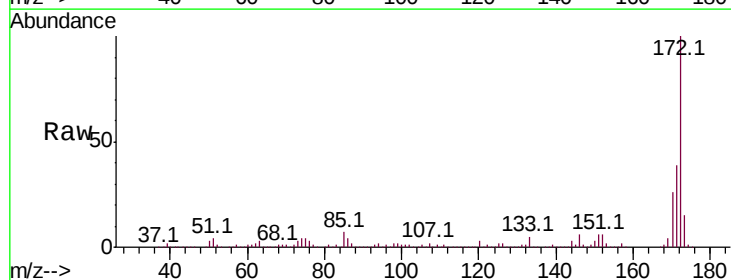


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

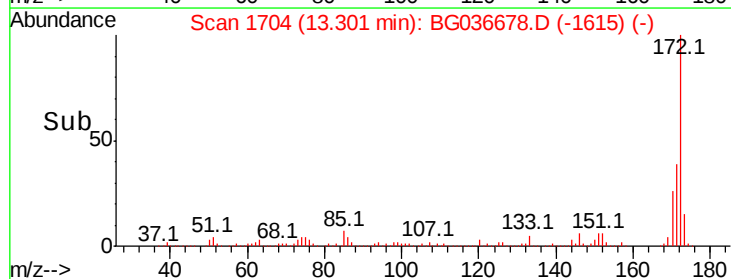
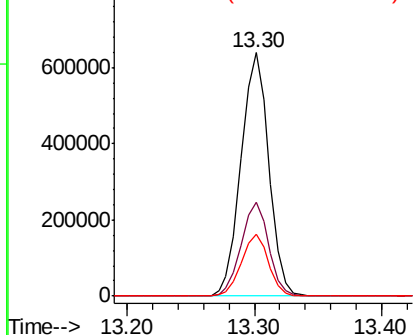


#44
 2-Fluorobiphenyl
 Concen: 80.511 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036678.D
 Acq: 12 Sep 2018 18:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.6	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

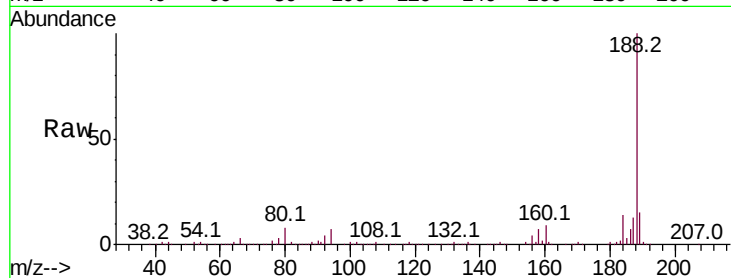




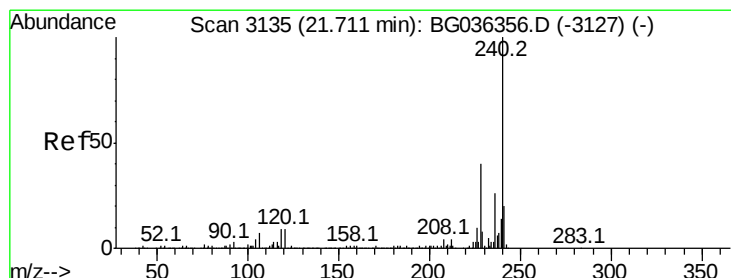
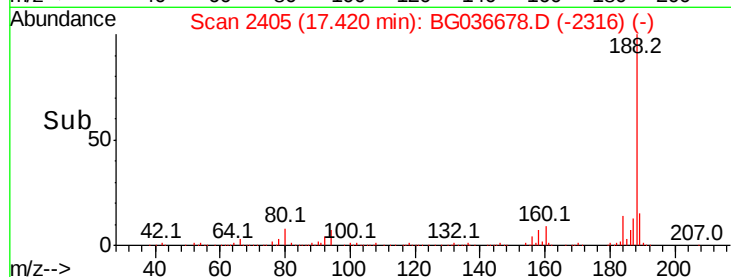
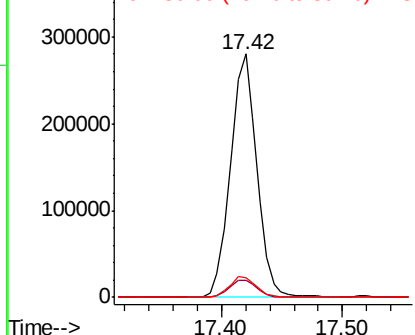
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

Instrument :
BNA_G
ClientSampleId :
TR-04-091118

Tot Ion:188 Resp: 426653
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.2 8.1 12.1

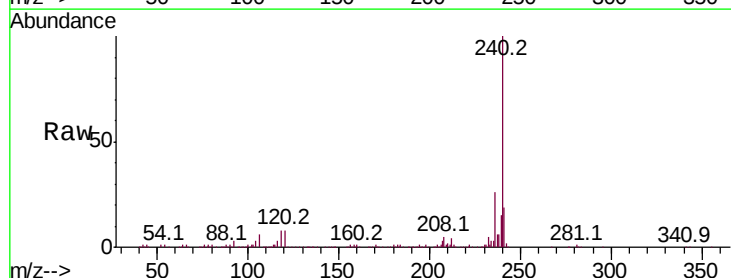


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

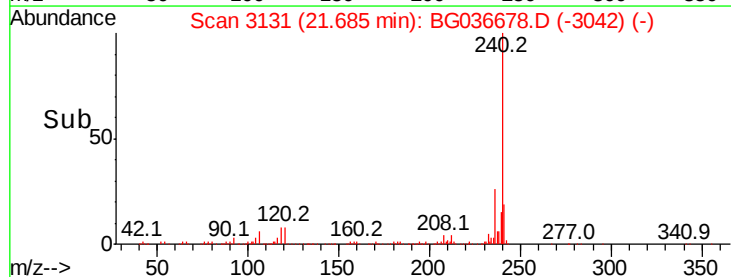
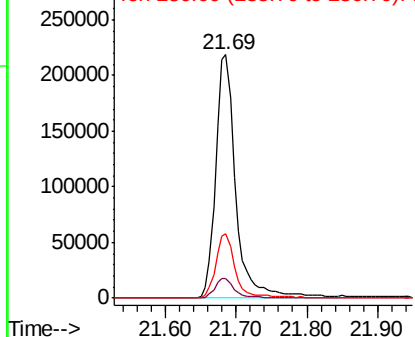


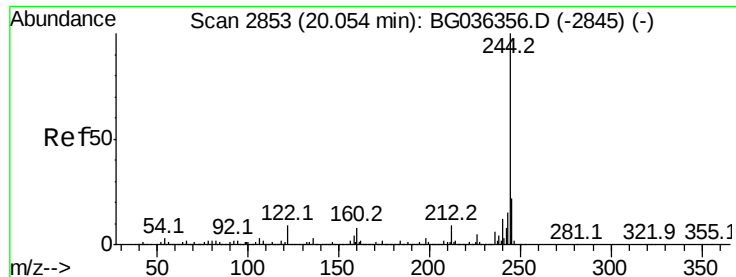
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036678.D
Acq: 12 Sep 2018 18:25

Tgt Ion:240 Resp: 434583
Ion Ratio Lower Upper
240 100
120 7.8 6.9 10.3
236 26.5 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: 85.635 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

Instrument :

BNA_G

ClientSampleId :

TR-04-091118

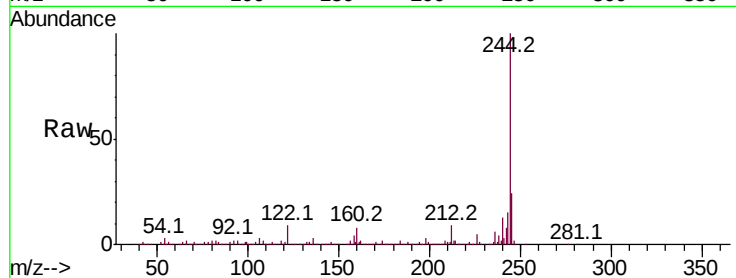
Tot Ion:244 Resp: 1592208

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

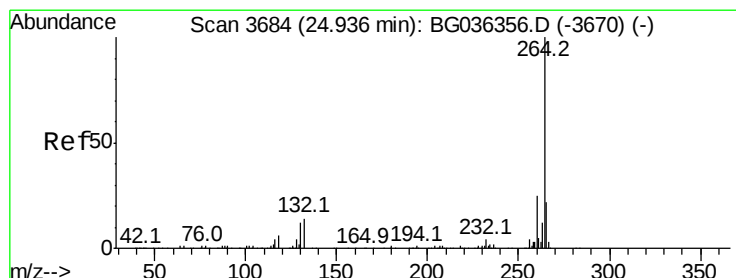
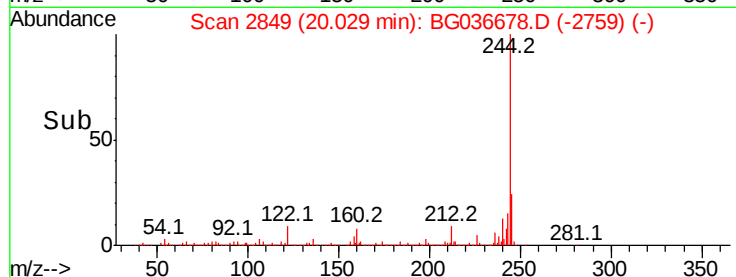
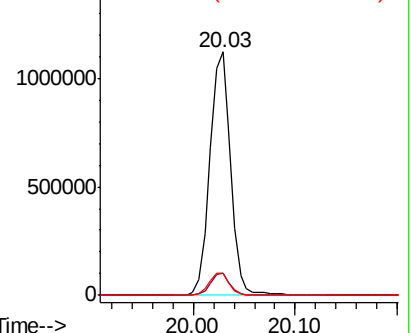
122 9.3 7.1 10.7



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# 3677

Delta R.T. -0.01 min

Lab File: BG036678.D

Acq: 12 Sep 2018 18:25

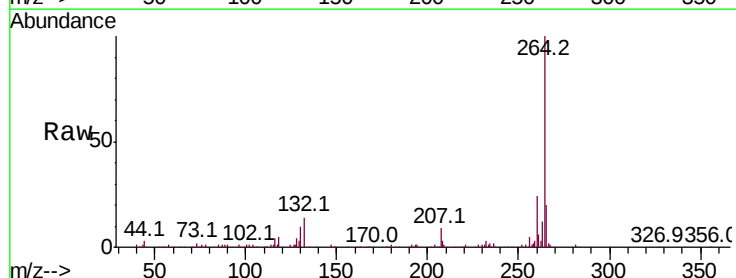
Tgt Ion:264 Resp: 324649

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 19.8 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

