

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036739.D
 Acq On : 15 Sep 2018 13:40
 Operator : JU/SJ
 Sample : J4906-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-3

Quant Time: Sep 17 04:19:47 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	53374	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	214432	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	144995	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385472	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	399242	20.00	ng	-0.02
86) Perylene-d12	24.89	264	396300	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	357174	106.15	ng	0.00
7) Phenol-d6	7.21	99	462086	95.92	ng	-0.01
23) Nitrobenzene-d5	9.21	82	344025	87.05	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	238904	138.09	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	823954	81.14	ng	-0.01
78) Terphenyl-d14	20.02	244	1441884	84.41	ng	-0.01

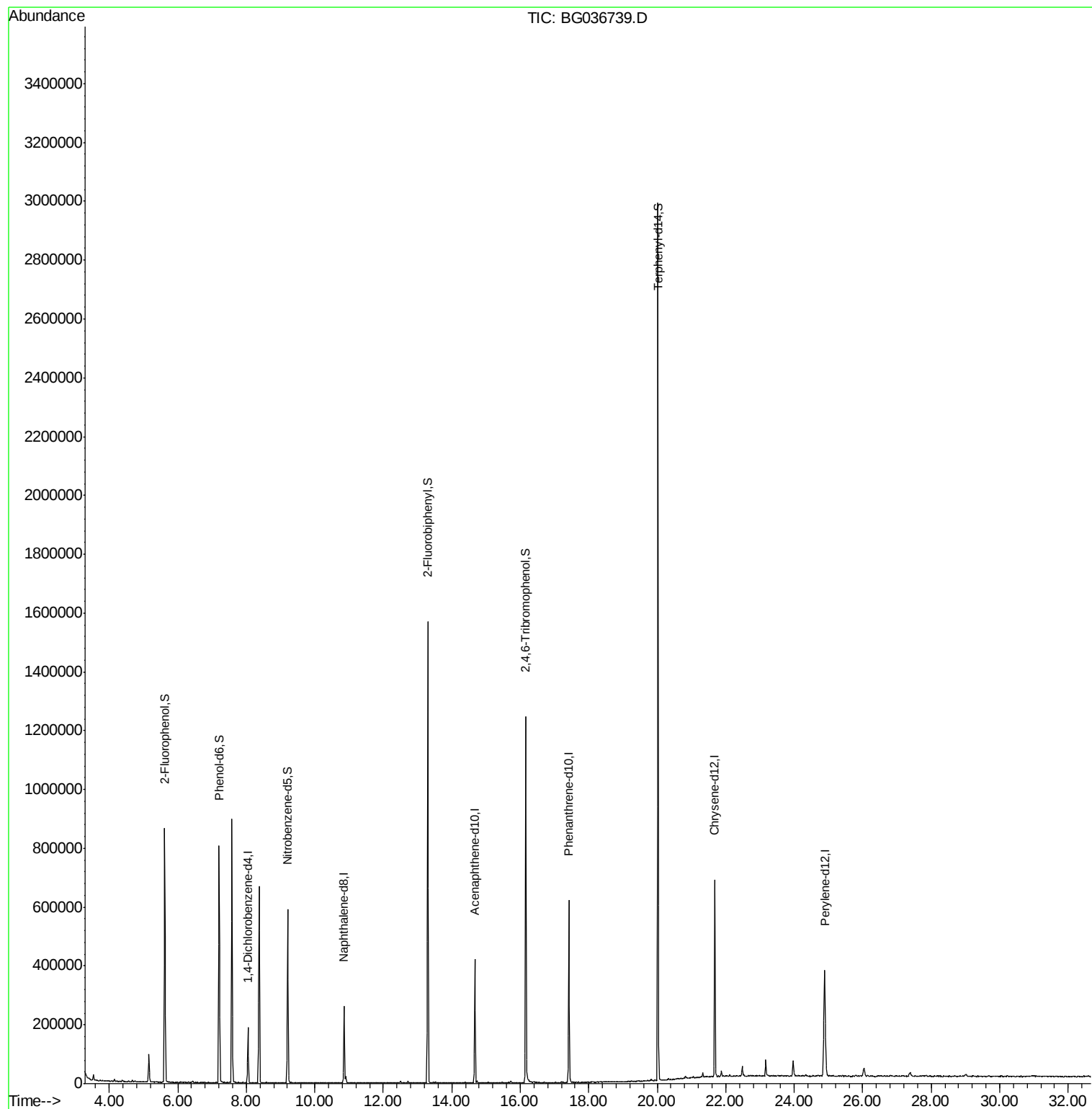
Target Compounds Qvalue

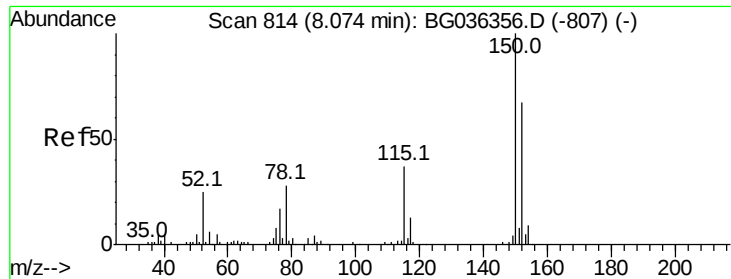
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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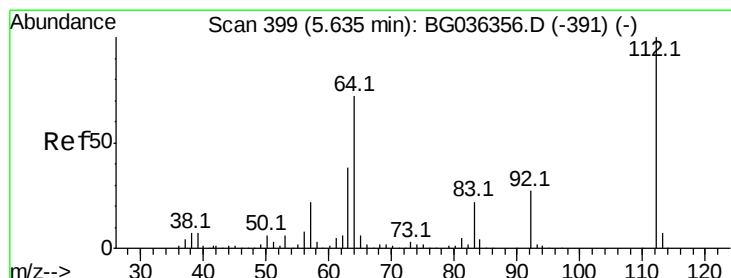
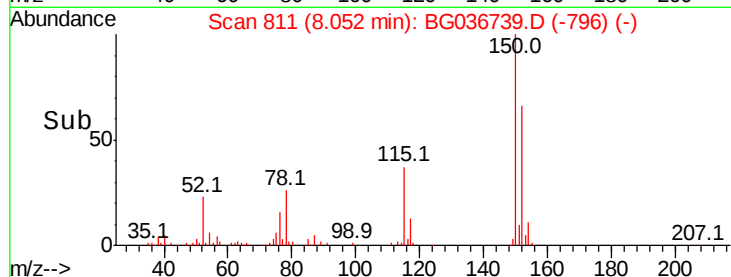
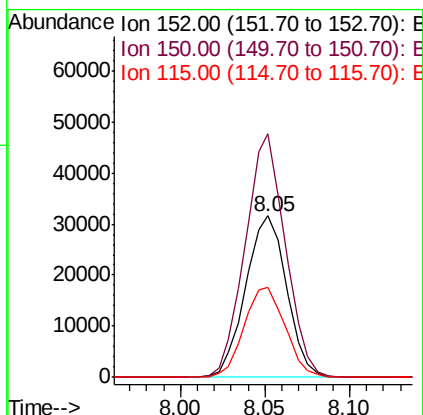
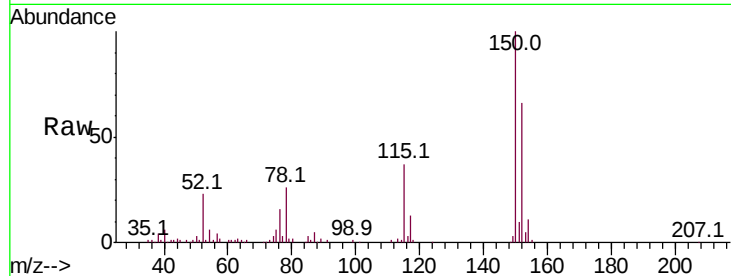


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Instrument :
BNA_G
ClientSampled :
SP-PIT-3

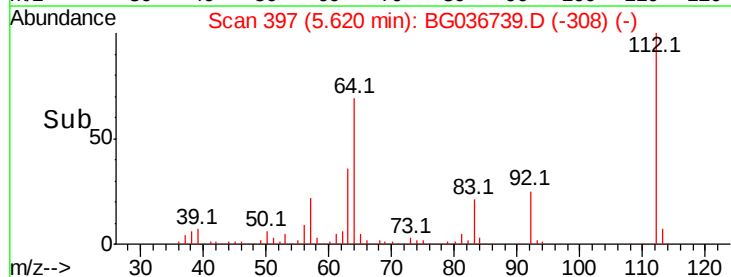
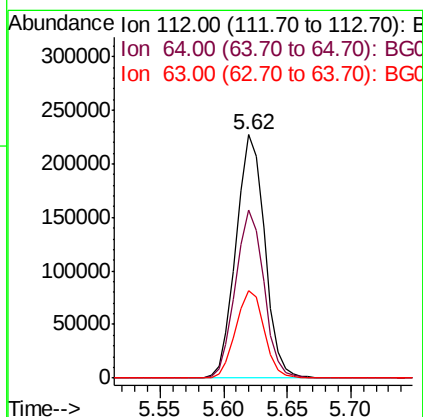
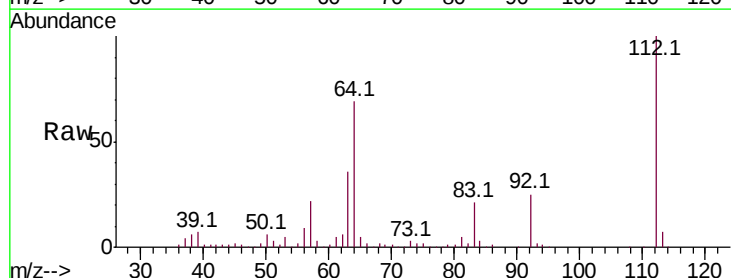
Tot Ion:152 Resp: 53374
Ion Ratio Lower Upper
152 100
150 150.8 119.5 179.3
115 55.8 44.5 66.7



#5

2-Fluorophenol
Concen: 106.153 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

Tgt Ion:112 Resp: 357174
Ion Ratio Lower Upper
112 100
64 68.9 57.2 85.8
63 36.1 30.8 46.2





#7

Phenol-d6

Concen: 95.920 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Instrument :

BNA_G

ClientSampled :

SP-PIT-3

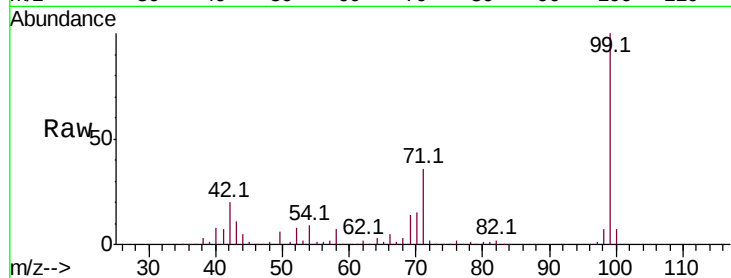
Tot Ion: 99 Resp: 462086

Ion Ratio Lower Upper

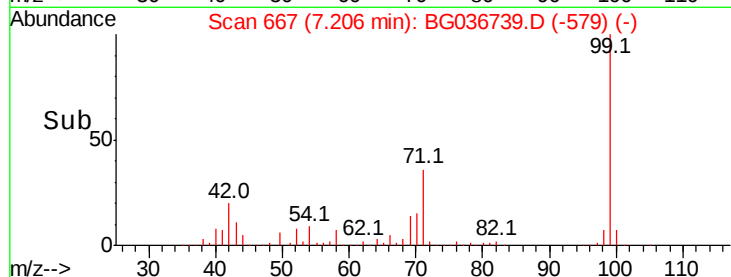
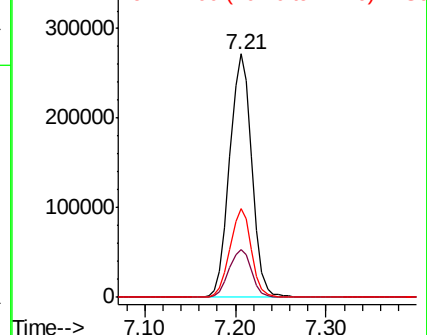
99 100

42 19.7 16.5 24.7

71 36.5 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# 1288

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Tgt Ion: 136 Resp: 214432

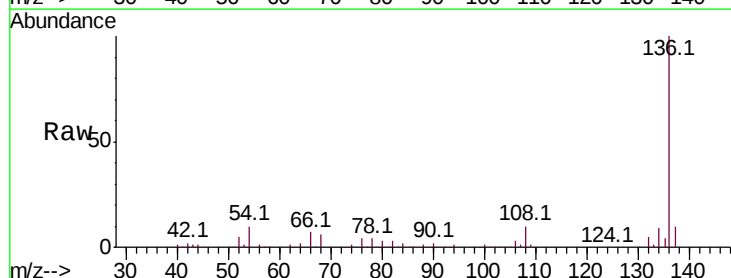
Ion Ratio Lower Upper

136 100

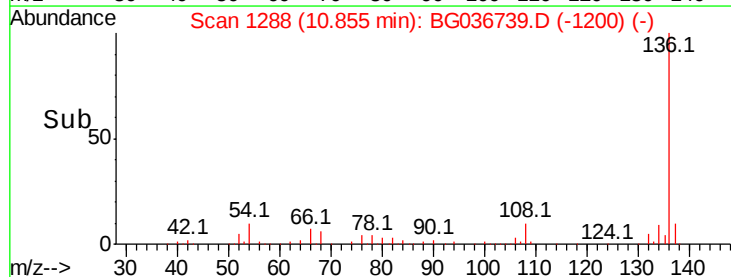
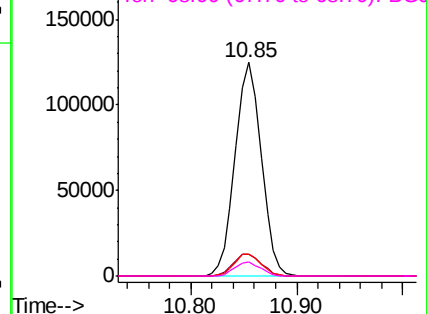
137 10.4 8.8 13.2

54 10.1 9.2 13.8

68 6.5 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

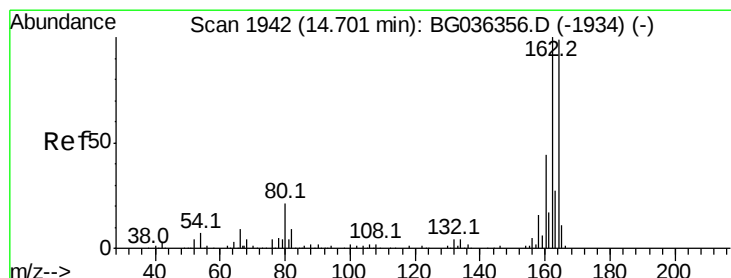
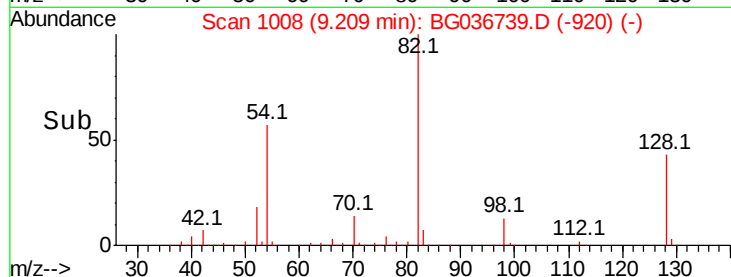
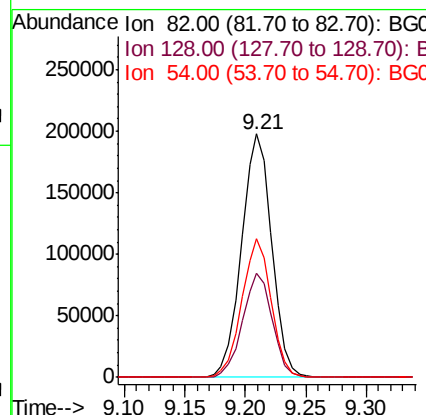
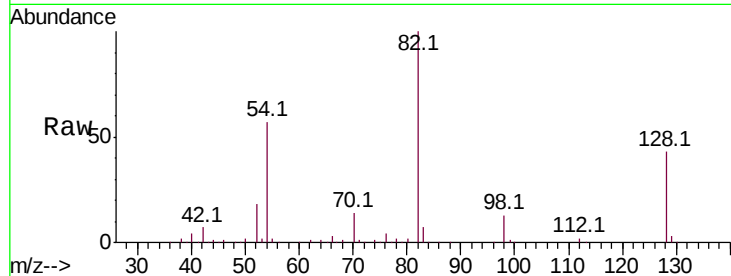




#23
 Nitrobenzene-d5
 Concen: 87.047 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

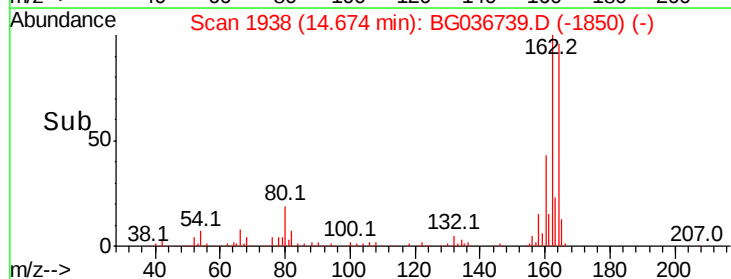
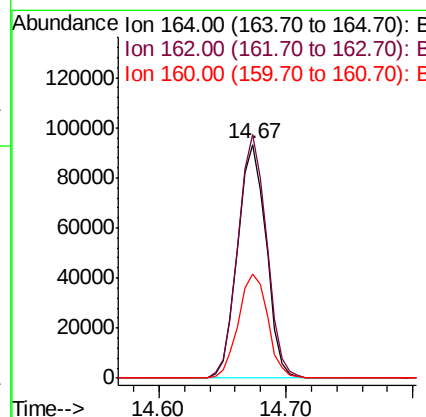
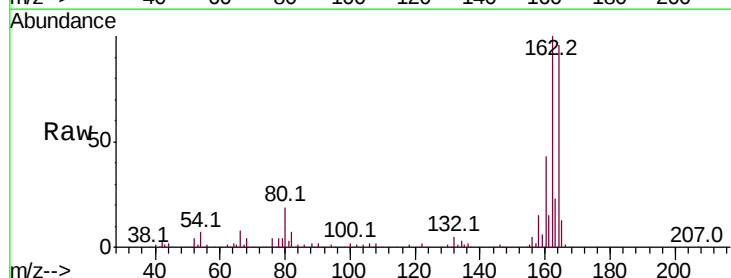
Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-3

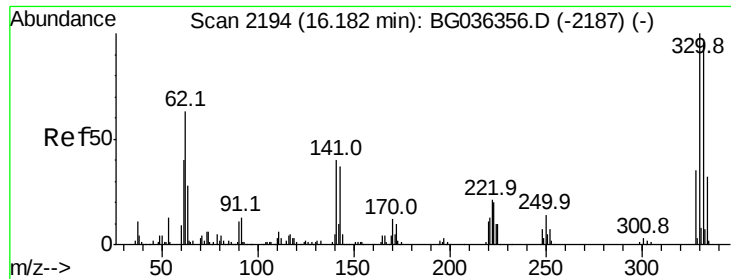
Tot Ion: 82 Resp: 344025
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.3 49.9
 54 56.8 45.1 67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

Tgt Ion: 164 Resp: 144995
 Ion Ratio Lower Upper
 164 100
 162 104.1 80.7 121.1
 160 44.8 35.3 52.9

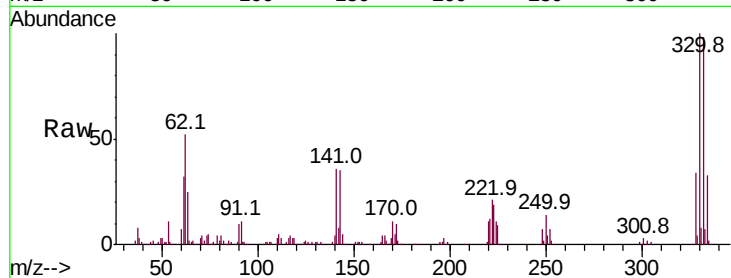




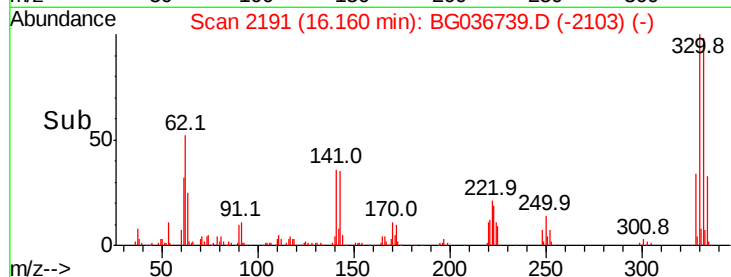
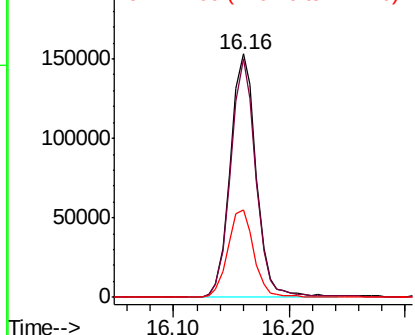
#41
 2,4,6-Tribromophenol
 Concen: 138.086 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-3

Tot Ion:330 Resp: 238904
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.4 113.2
 141 36.2 30.7 46.1

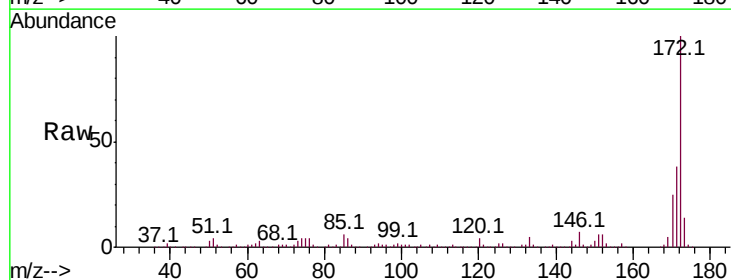


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

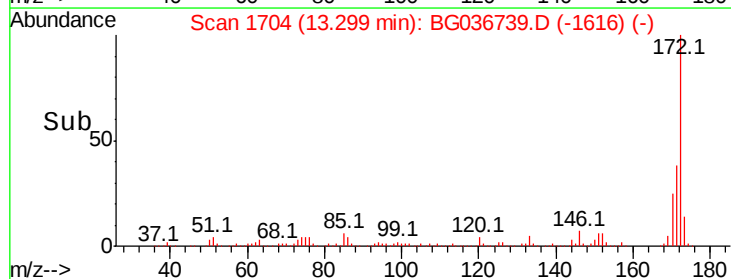
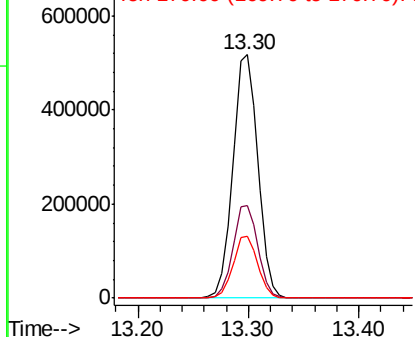


#44
 2-Fluorobiphenyl
 Concen: 81.138 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036739.D
 Acq: 15 Sep 2018 13:40

Tgt Ion:172 Resp: 823954
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 25.2 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

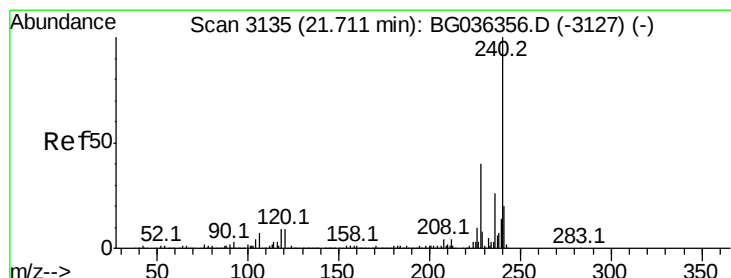
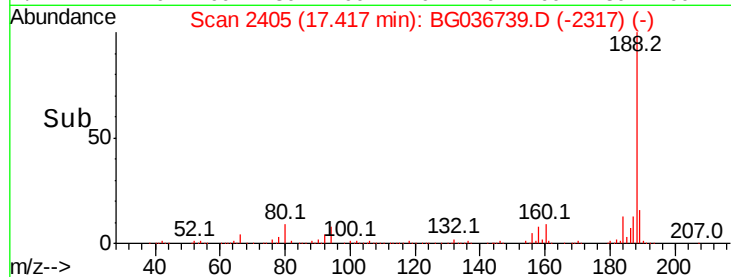
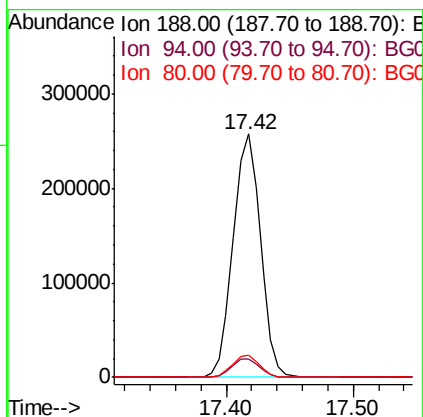
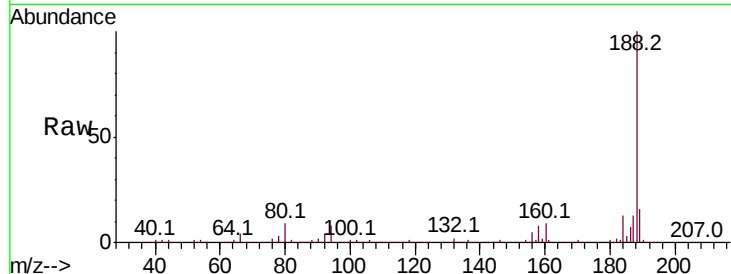




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036739.D
Acq: 15 Sep 2018 13:40

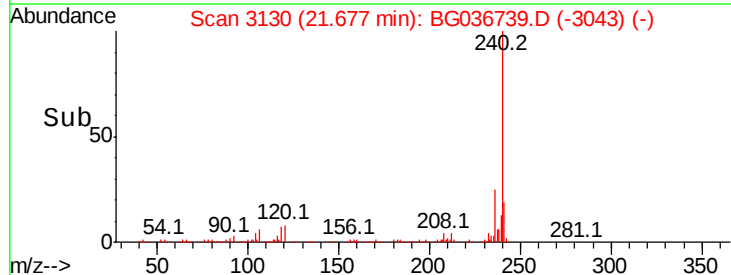
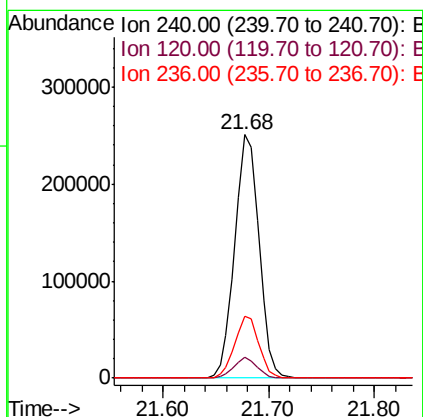
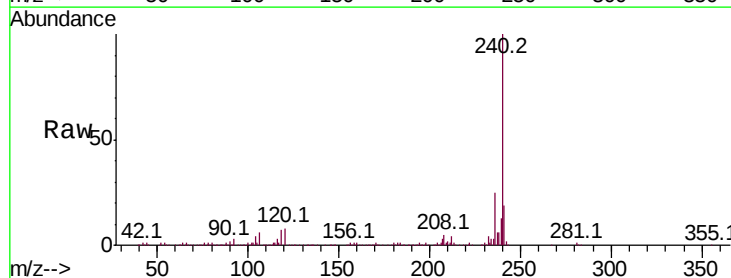
Instrument :
BNA_G
ClientSampleId :
SP-PIT-3

Tot Ion:188 Resp: 385472
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.2 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: BG036739.D
Acq: 15 Sep 2018 13:40

Tgt Ion:240 Resp: 399242
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.2 21.2 31.8





#78

Terphenyl-d14

Concen: 84.414 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036739.D

Acq: 15 Sep 2018 13:40

Instrument :

BNA_G

ClientSampled :

SP-PIT-3

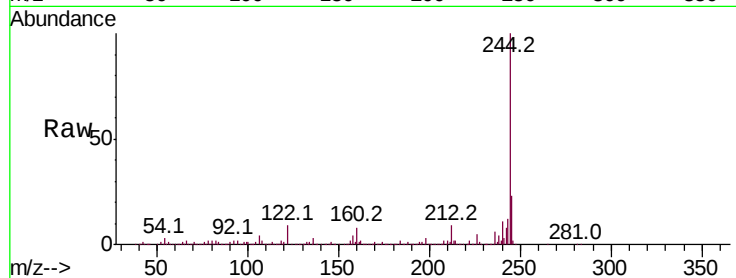
Tot Ion:244 Resp: 1441884

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

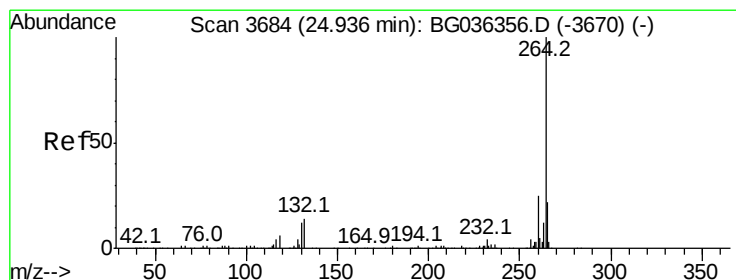
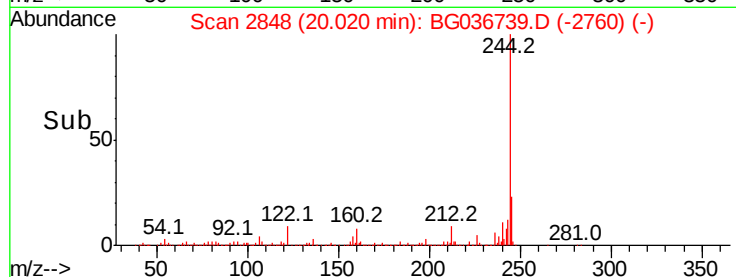
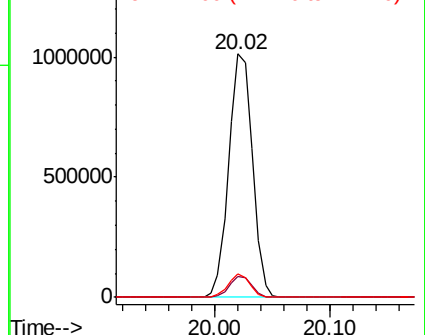
122 9.4 7.1 10.7



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: BG036739.D

Acq: 15 Sep 2018 13:40

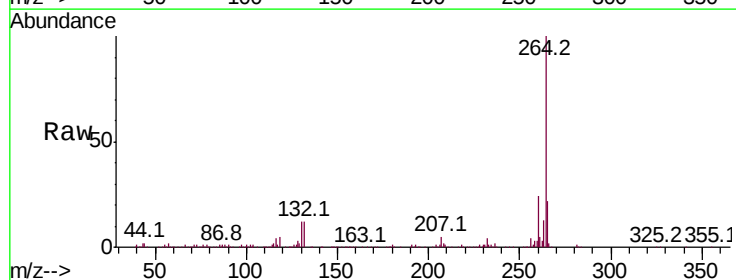
Tgt Ion:264 Resp: 396300

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.6 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

