

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036616.D
 Acq On : 8 Sep 2018 4:05
 Operator : JU/SJ
 Sample : J4809-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-DRUM-1-STONE

Quant Time: Sep 08 04:39:37 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	57341	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	239663	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	161371	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	408100	20.00	ng	0.00
75) Chrysene-d12	21.69	240	427849	20.00	ng	0.00
86) Perylene-d12	24.90	264	397817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	371999	102.91	ng	0.00
7) Phenol-d6	7.21	99	466262	90.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	372622	84.36	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	242144	125.76	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	857440	75.87	ng	0.00
78) Terphenyl-d14	20.03	244	1478392	80.76	ng	0.00

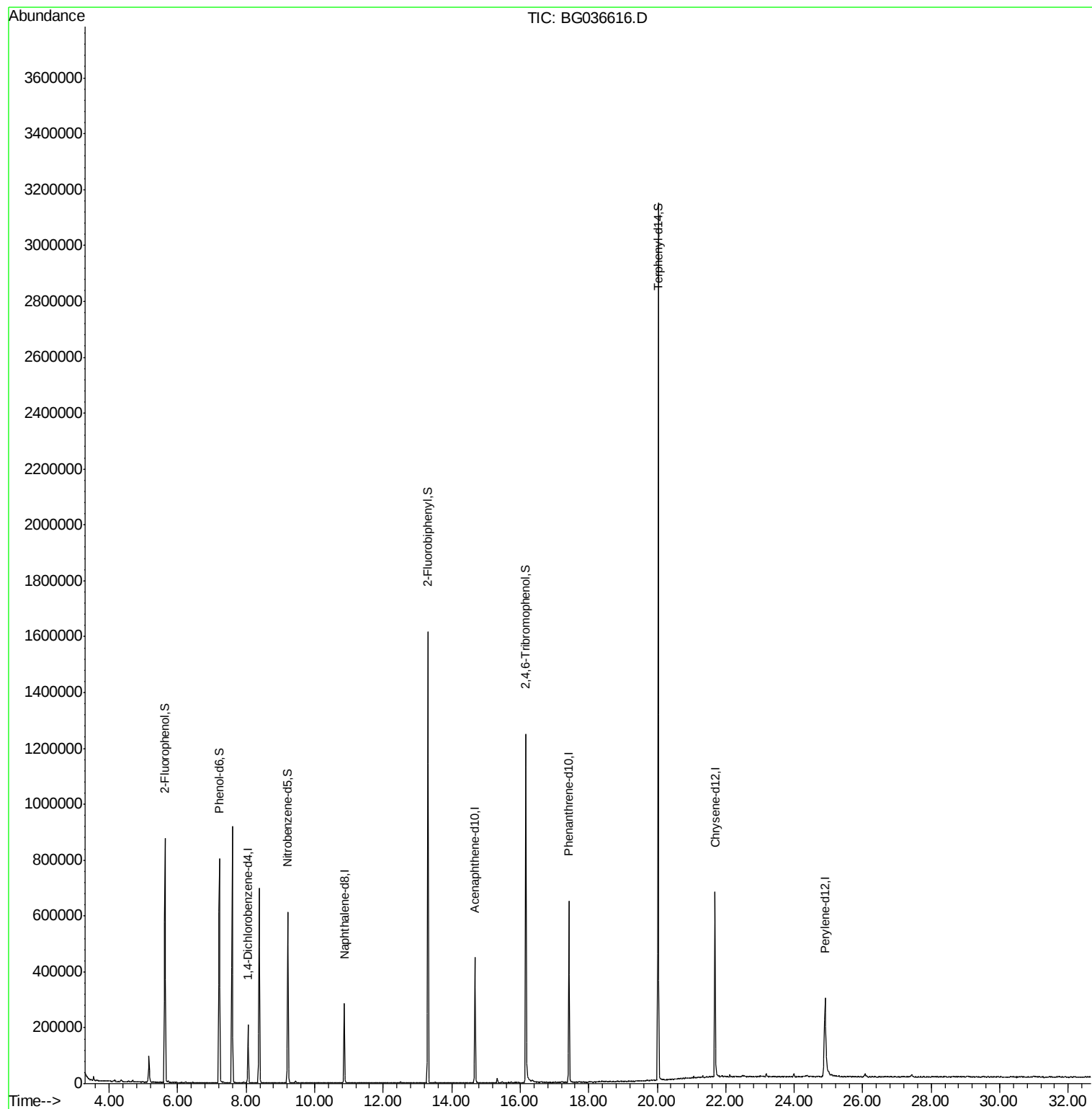
Target Compounds Qvalue

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

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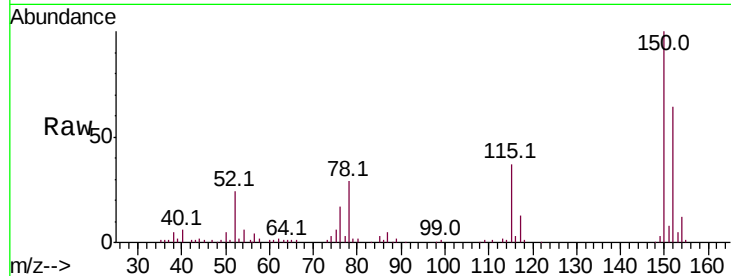


#1

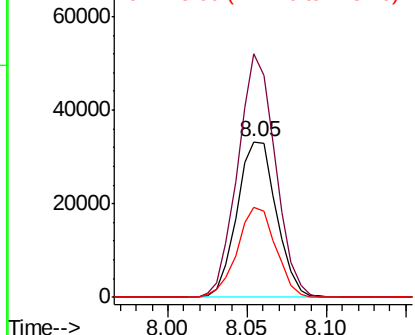
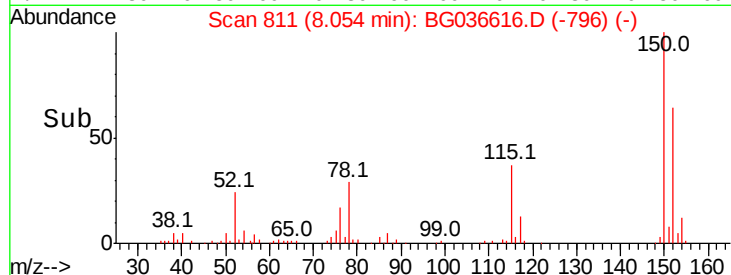
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-DRUM-1-STONE

Tot Ion:152 Resp: 57341
 Ion Ratio Lower Upper
 152 100
 150 156.8 119.5 179.3
 115 58.1 44.5 66.7



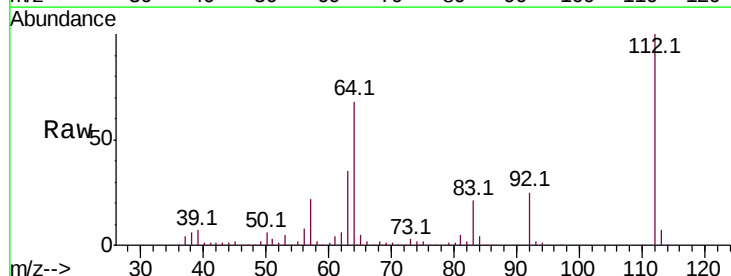
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



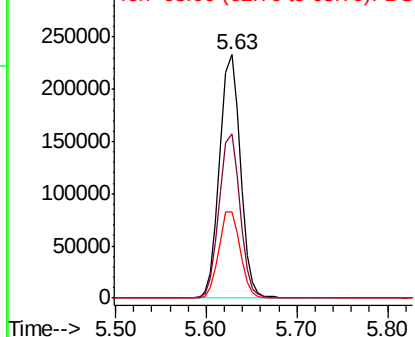
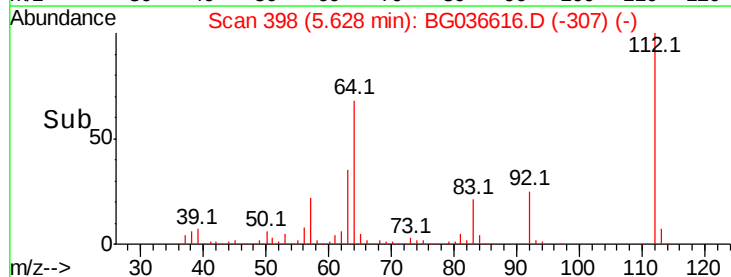
#5

2-Fluorophenol
 Concen: 102.911 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Tgt Ion:112 Resp: 371999
 Ion Ratio Lower Upper
 112 100
 64 67.7 57.2 85.8
 63 35.2 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: 90.091 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Instrument :

BNA_G

ClientSampleId :

MS-DRUM-1-STONE

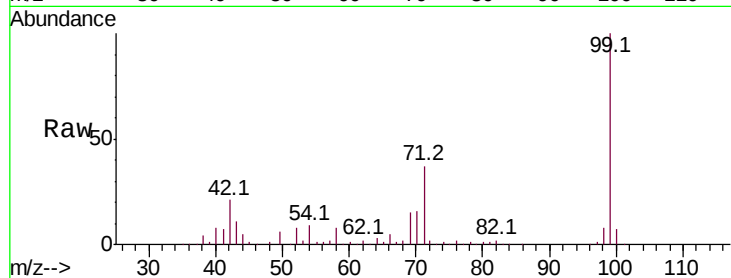
Tot Ion: 99 Resp: 466262

Ion Ratio Lower Upper

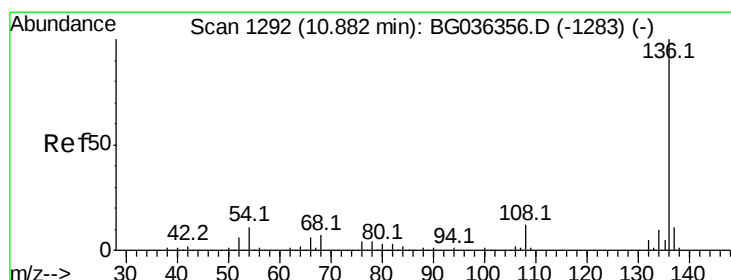
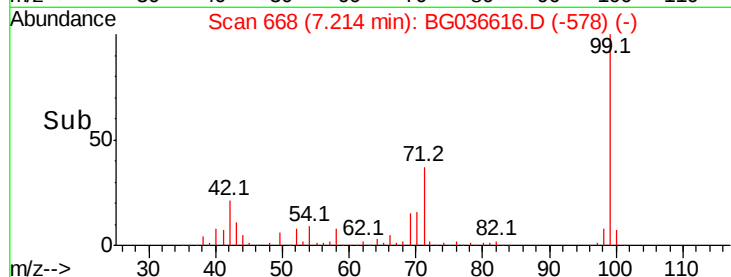
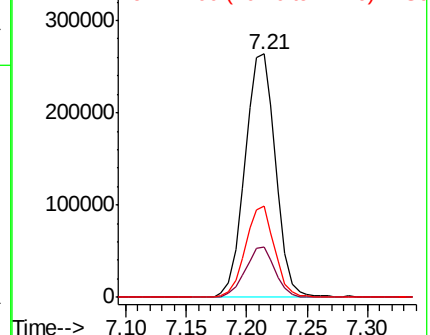
99 100

42 20.6 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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Tgt Ion: 136 Resp: 239663

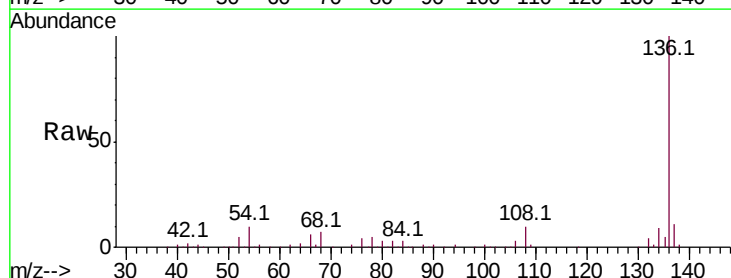
Ion Ratio Lower Upper

136 100

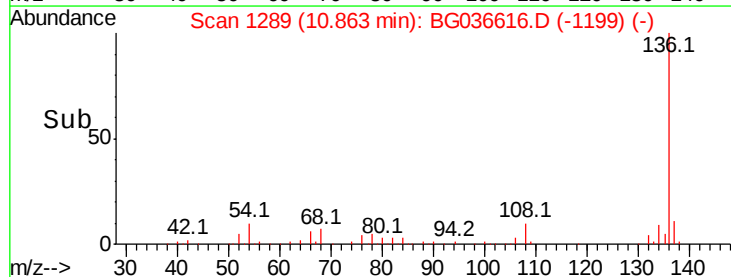
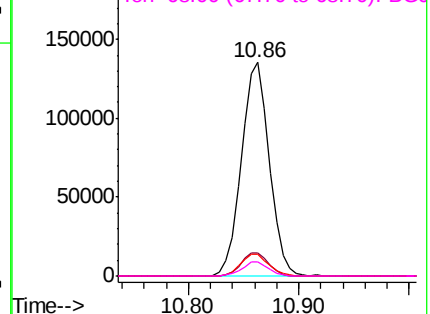
137 10.6 8.8 13.2

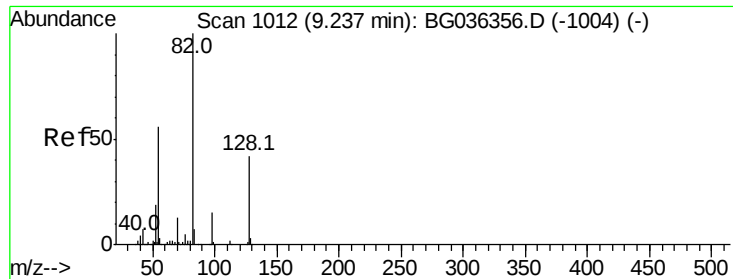
54 10.3 9.2 13.8

68 6.7 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

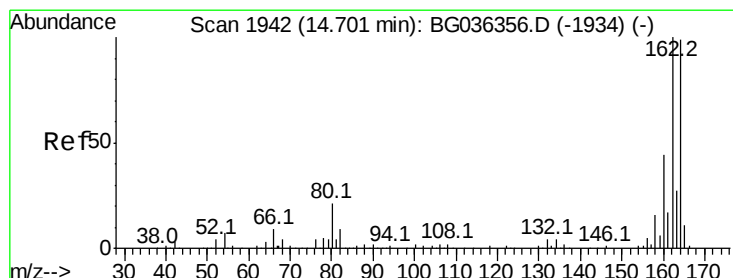
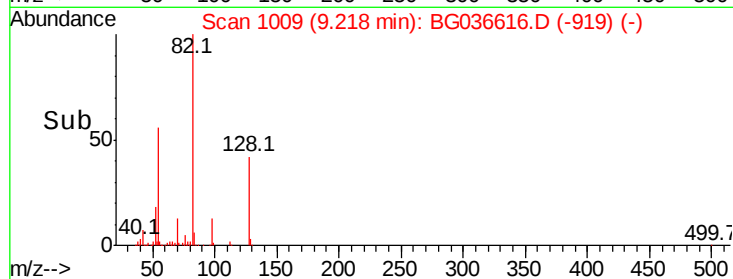
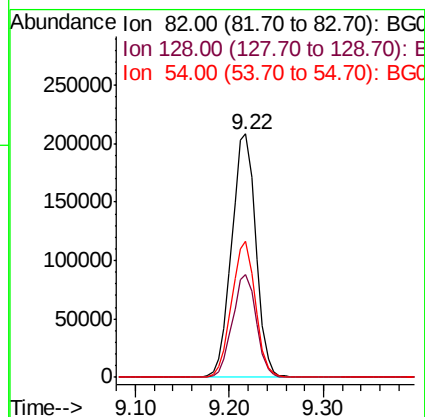
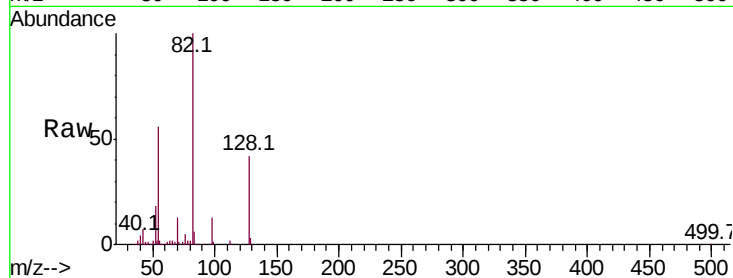




#23
Nitrobenzene-d5
Concen: 84.357 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

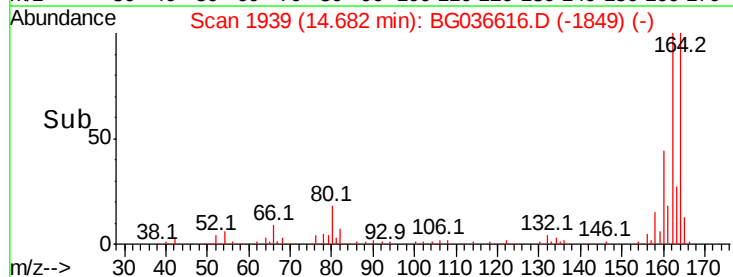
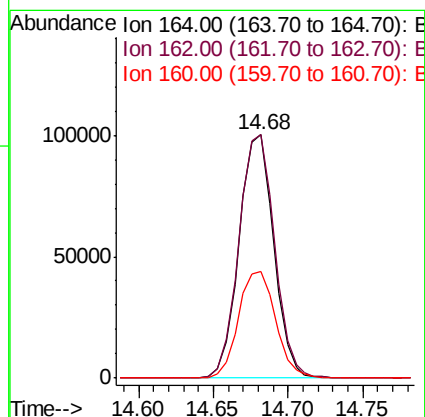
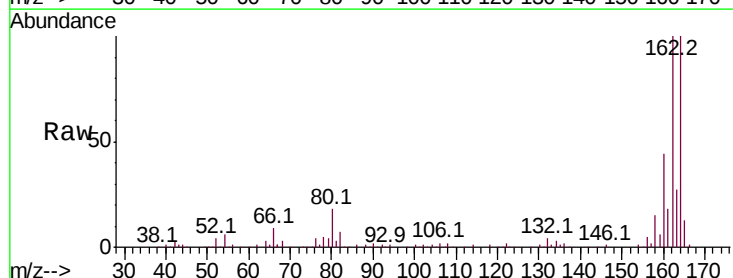
Instrument :
BNA_G
ClientSampleId :
MS-DRUM-1-STONE

Tot Ion: 82 Resp: 372622
Ion Ratio Lower Upper
82 100
128 42.1 33.3 49.9
54 56.0 45.1 67.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Tgt Ion: 164 Resp: 161371
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 43.8 35.3 52.9

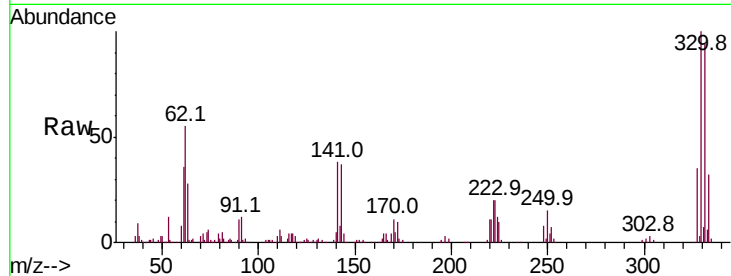




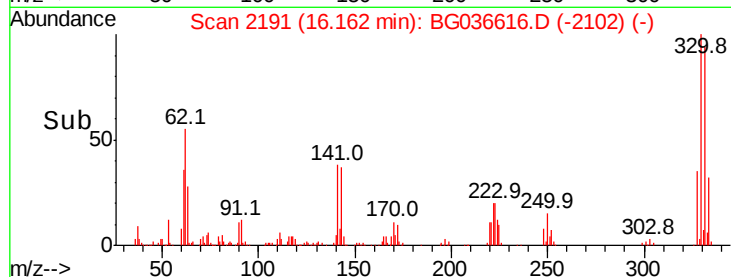
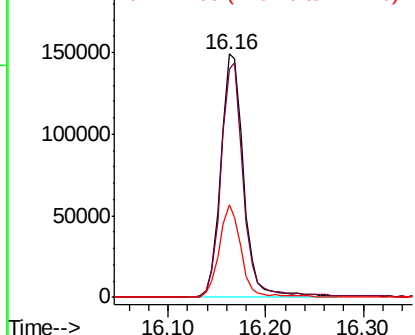
#41
 2,4,6-Tribromophenol
 Concen: 125.755 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Instrument :
 BNA_G
 ClientSampleId :
 MS-DRUM-1-STONE

Tot Ion:330 Resp: 242144
 Ion Ratio Lower Upper
 330 100
 332 95.2 75.4 113.2
 141 36.6 30.7 46.1

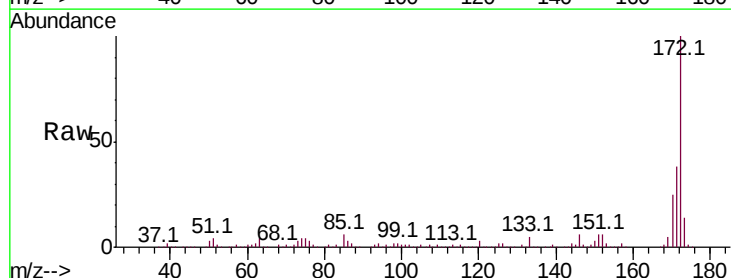


Abundance Ion 329.80 (329.50 to 330.50): E
 200000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

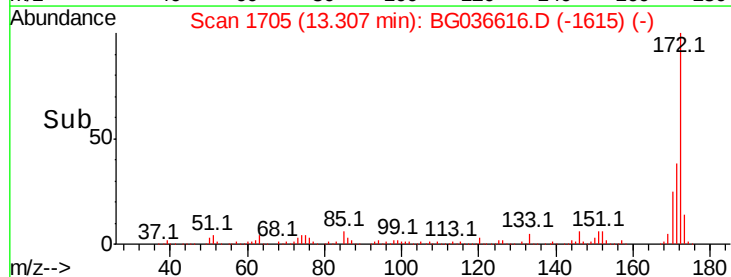
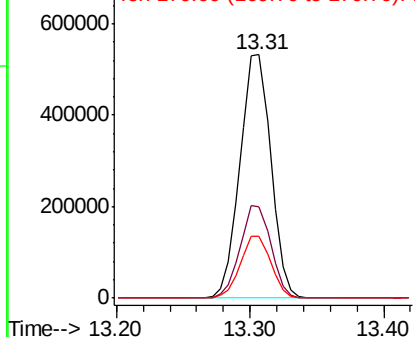


#44
 2-Fluorobiphenyl
 Concen: 75.867 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG036616.D
 Acq: 8 Sep 2018 4:05

Tgt Ion:172 Resp: 857440
 Ion Ratio Lower Upper
 172 100
 171 37.8 31.3 46.9
 170 25.3 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

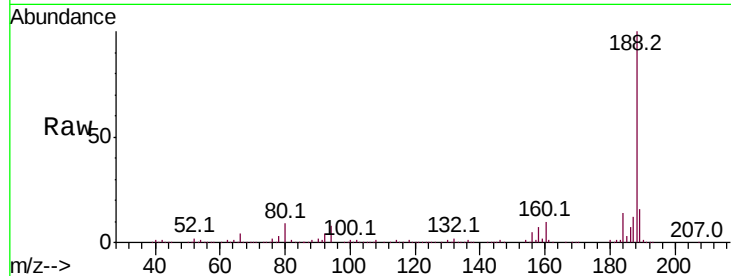




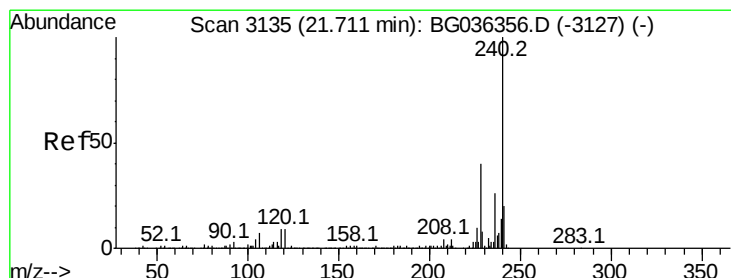
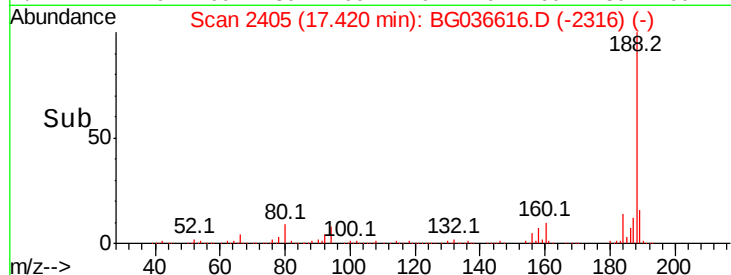
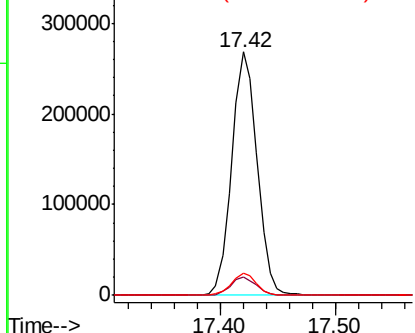
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Instrument :
BNA_G
ClientSampleId :
MS-DRUM-1-STONE

Tot Ion:188 Resp: 408100
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.1 8.1 12.1

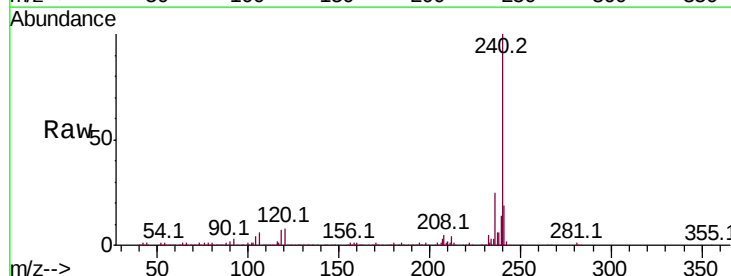


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

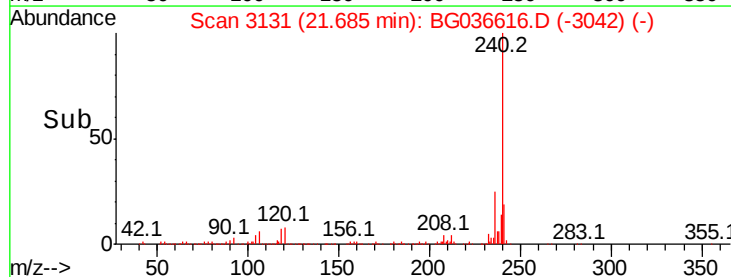
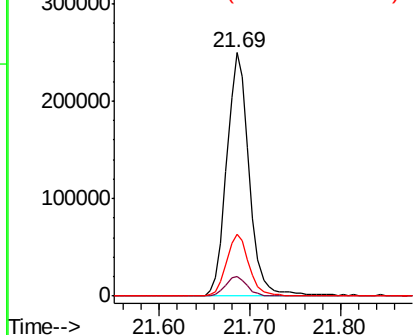


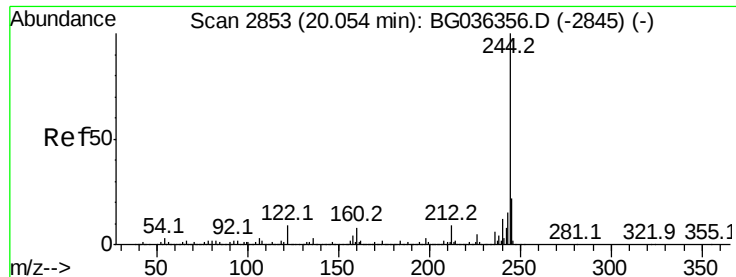
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036616.D
Acq: 8 Sep 2018 4:05

Tgt Ion:240 Resp: 427849
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 25.2 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: 80.765 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

Instrument :

BNA_G

ClientSampleId :

MS-DRUM-1-STONE

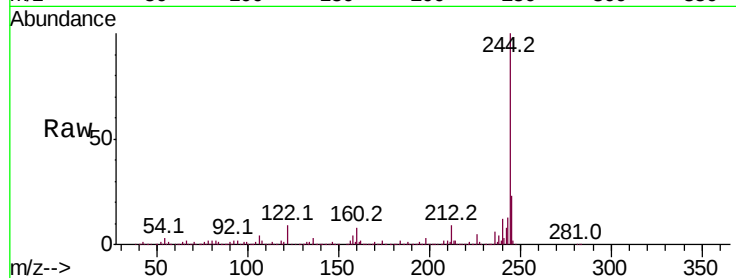
Tot Ion:244 Resp: 1478392

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

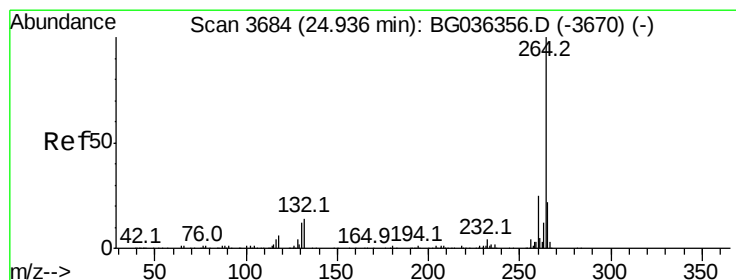
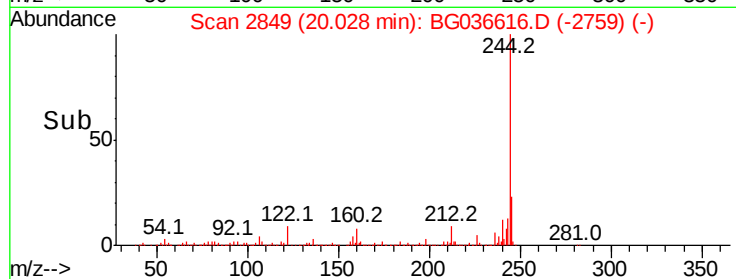
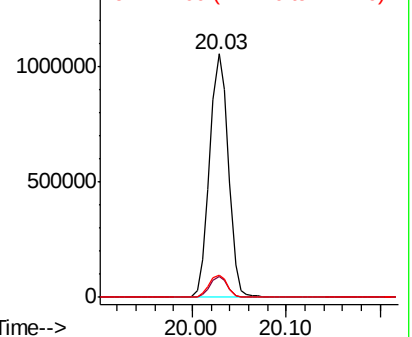
122 9.3 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036616.D

Acq: 8 Sep 2018 4:05

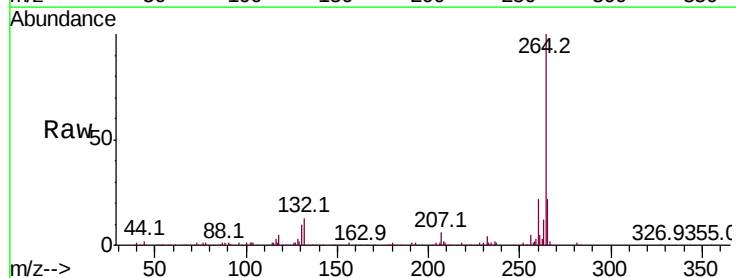
Tgt Ion:264 Resp: 397817

Ion Ratio Lower Upper

264 100

260 22.3 19.6 29.4

265 22.3 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

