

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082818\
 Data File : BG036469.D
 Acq On : 28 Aug 2018 22:14
 Operator : JU/SJ
 Sample : J4280-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-A

Quant Time: Aug 29 02:04:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58745	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	249008	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	163825	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	433368	20.00	ng	0.00
75) Chrysene-d12	21.70	240	471544	20.00	ng	-0.01
86) Perylene-d12	24.91	264	474921	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	393613	106.29	ng	0.00
7) Phenol-d6	7.22	99	512433	96.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	368577	80.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	242736	124.17	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	848899	73.99	ng	-0.01
78) Terphenyl-d14	20.04	244	1588646	78.75	ng	-0.01

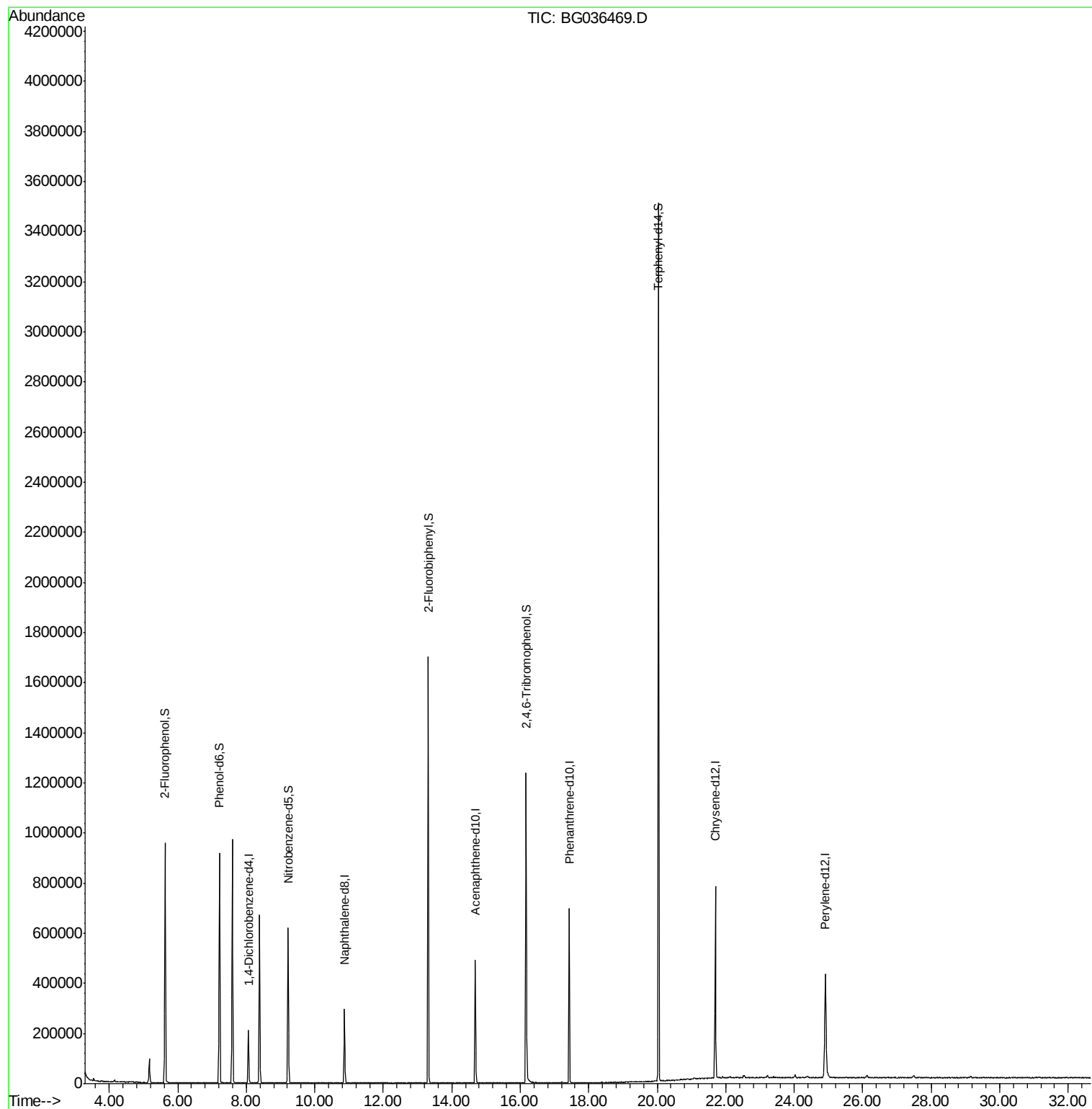
Target Compounds Qvalue

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

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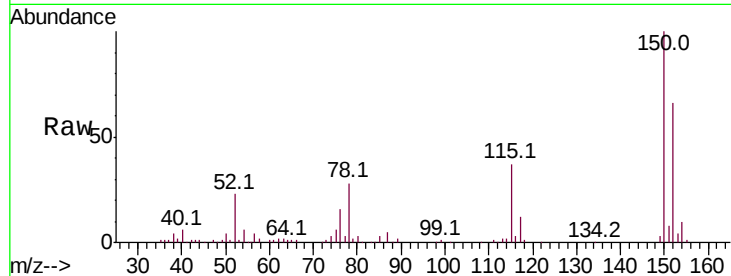


#1

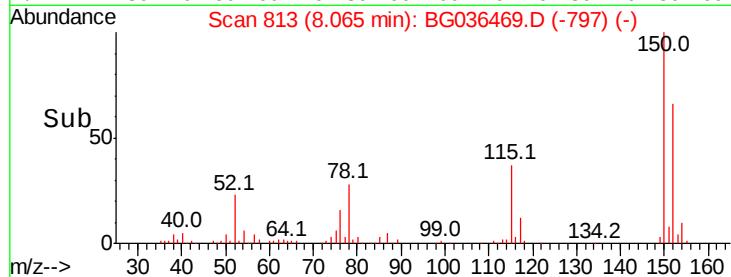
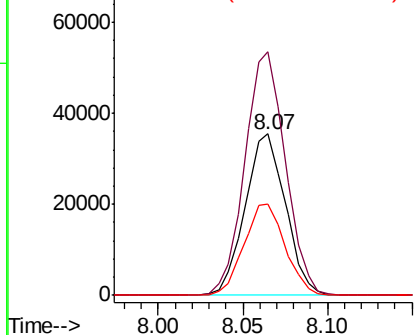
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036469.D
Acq: 28 Aug 2018 22:14

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-A

Tot Ion:152 Resp: 58745
Ion Ratio Lower Upper
152 100
150 151.1 119.5 179.3
115 56.3 44.5 66.7



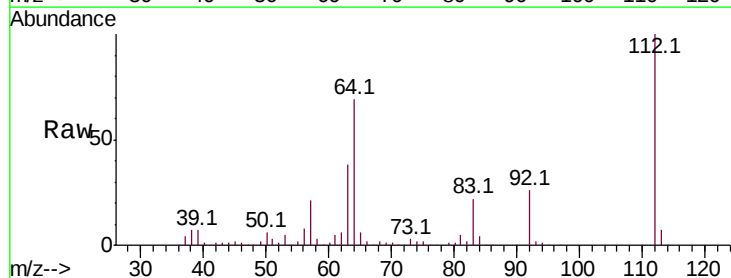
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



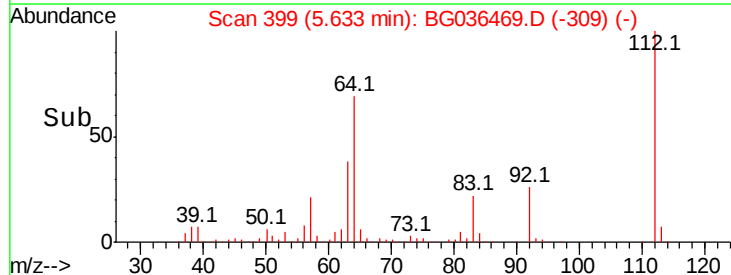
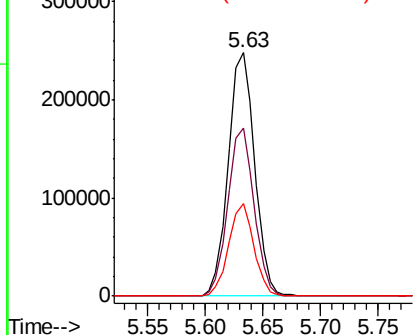
#5

2-Fluorophenol
Concen: 106.288 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036469.D
Acq: 28 Aug 2018 22:14

Tgt Ion:112 Resp: 393613
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 37.8 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: 96.646 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-A

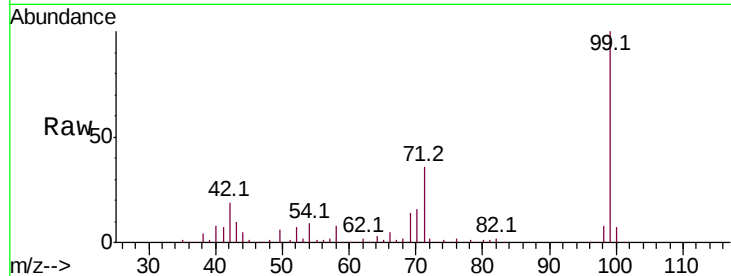
Tot Ion: 99 Resp: 512433

Ion Ratio Lower Upper

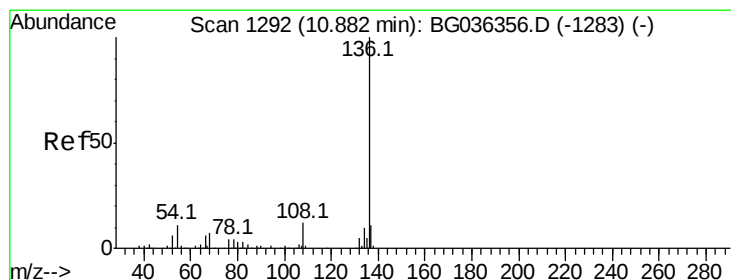
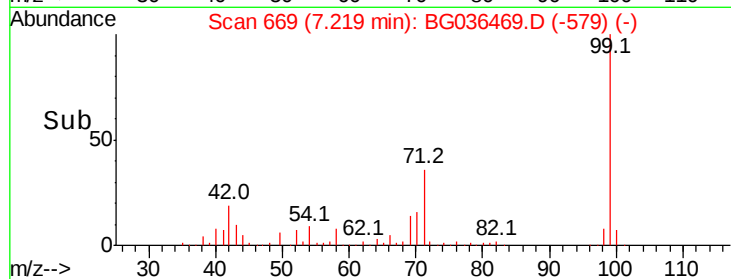
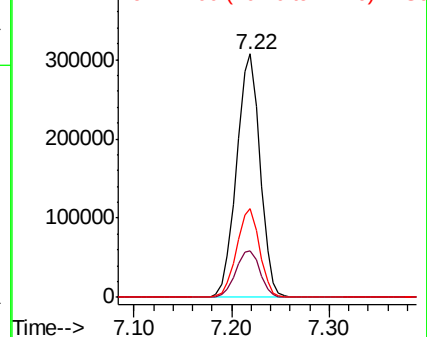
99 100

42 19.0 16.5 24.7

71 36.3 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: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Tgt Ion: 136 Resp: 249008

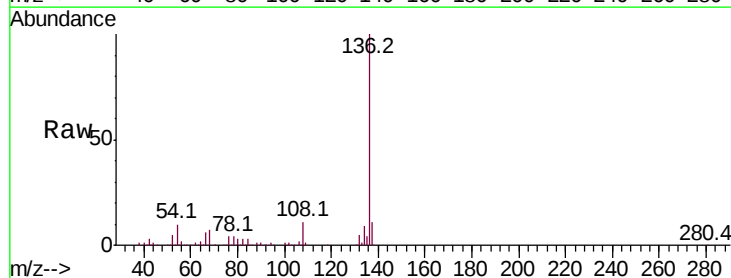
Ion Ratio Lower Upper

136 100

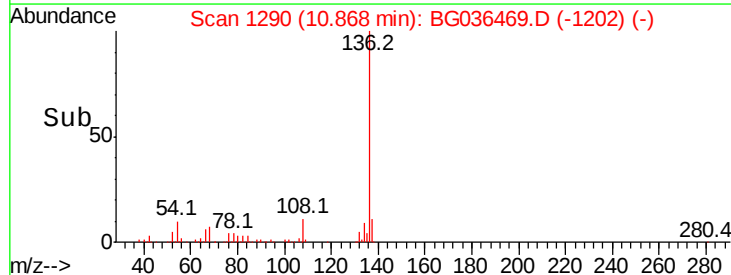
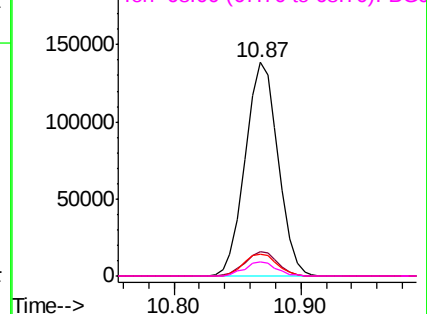
137 11.3 8.8 13.2

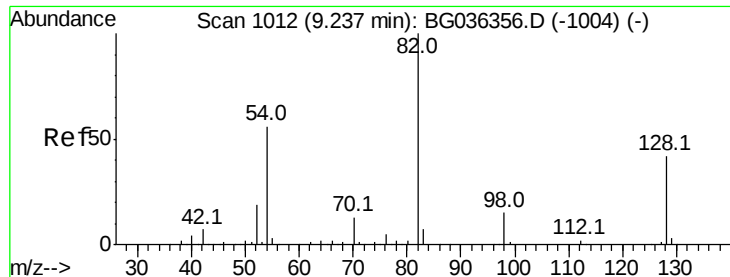
54 10.1 9.2 13.8

68 6.6 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: 80.310 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-A

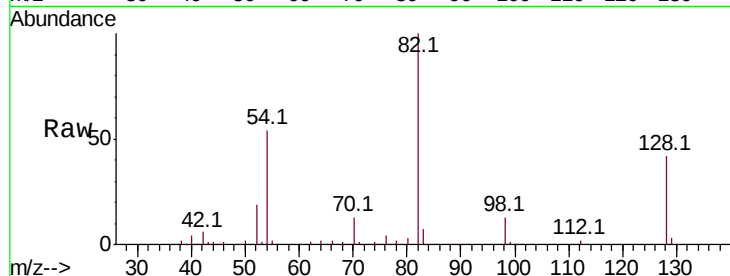
Tot Ion: 82 Resp: 368577

Ion Ratio Lower Upper

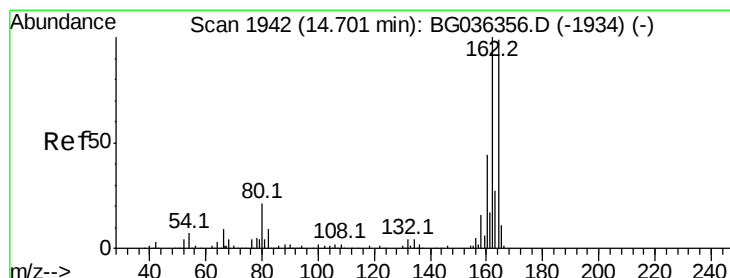
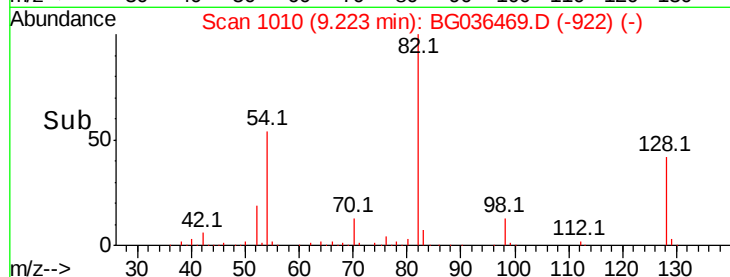
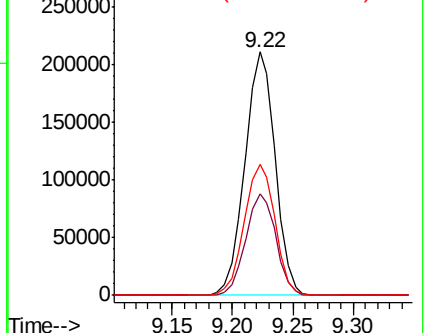
82 100

128 41.5 33.3 49.9

54 53.8 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: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

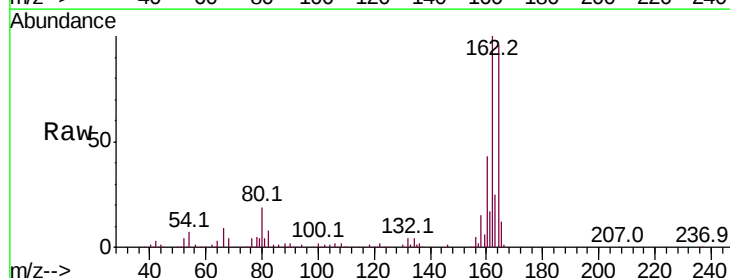
Tgt Ion: 164 Resp: 163825

Ion Ratio Lower Upper

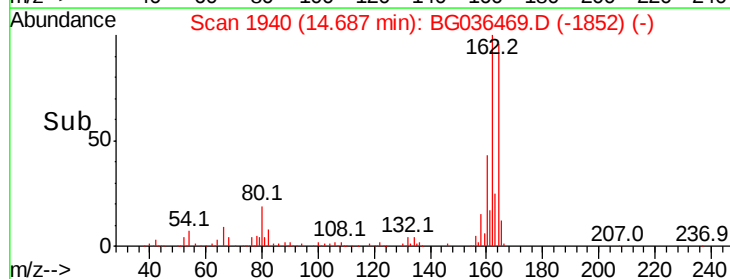
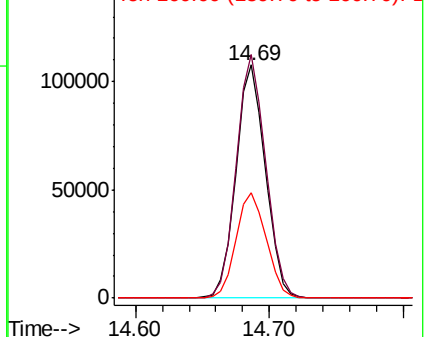
164 100

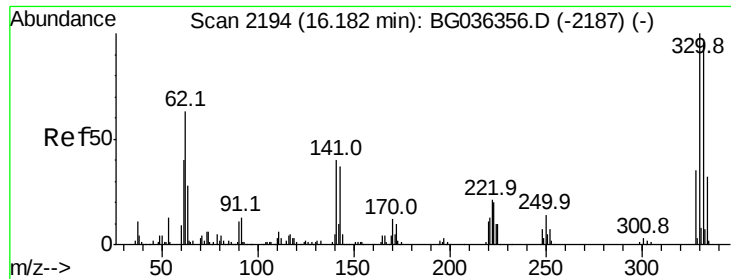
162 104.6 80.7 121.1

160 45.2 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

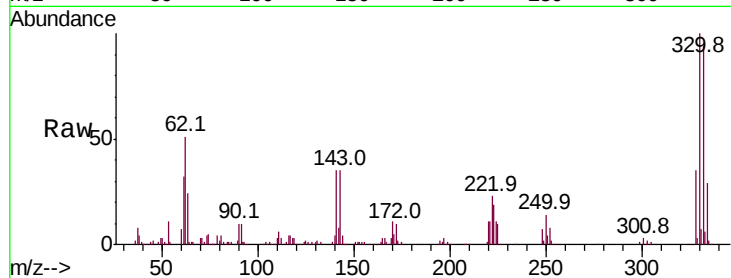




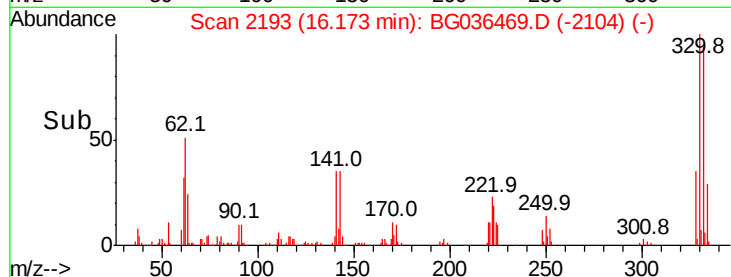
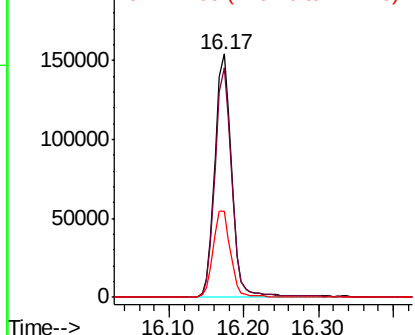
#41
 2,4,6-Tribromophenol
 Concen: 124.174 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-05-082418-A

Tot Ion:330 Resp: 242736
 Ion Ratio Lower Upper
 330 100
 332 93.9 75.4 113.2
 141 36.7 30.7 46.1

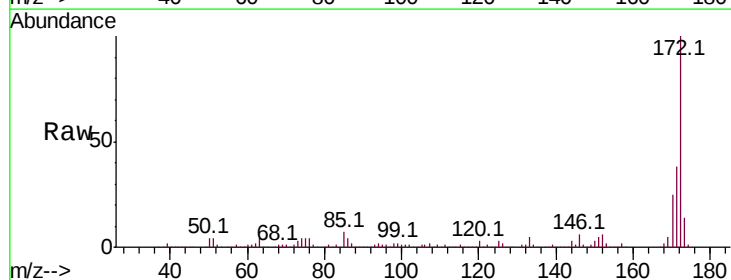


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

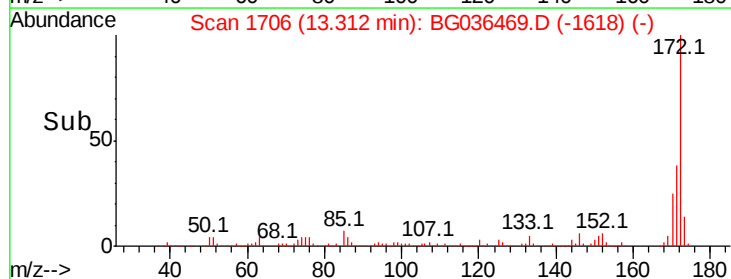
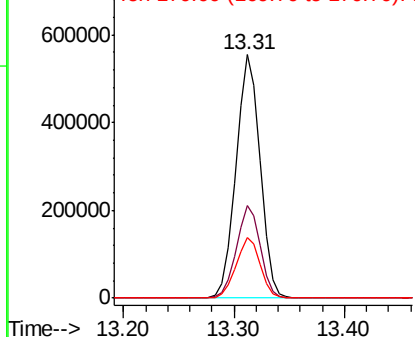


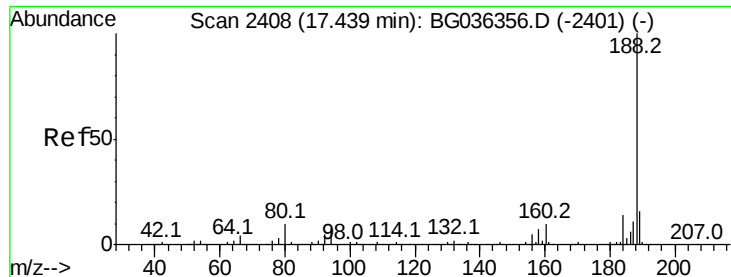
#44
 2-Fluorobiphenyl
 Concen: 73.986 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036469.D
 Acq: 28 Aug 2018 22:14

Tgt Ion:172 Resp: 848899
 Ion Ratio Lower Upper
 172 100
 171 37.9 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

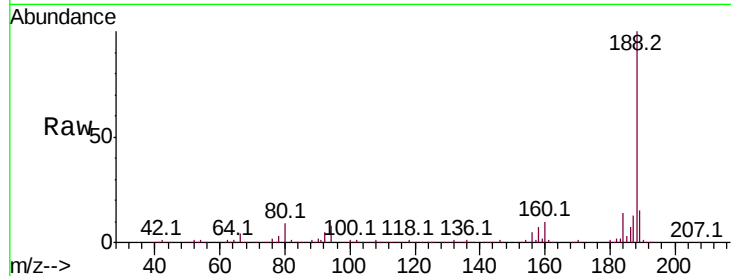




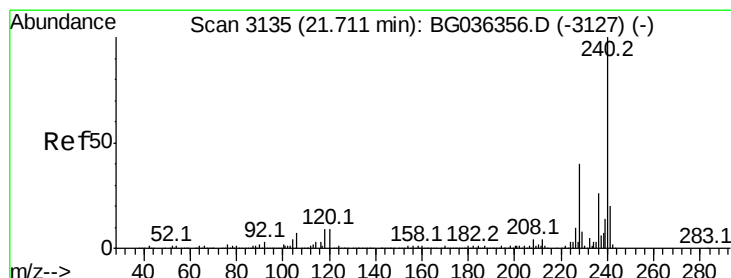
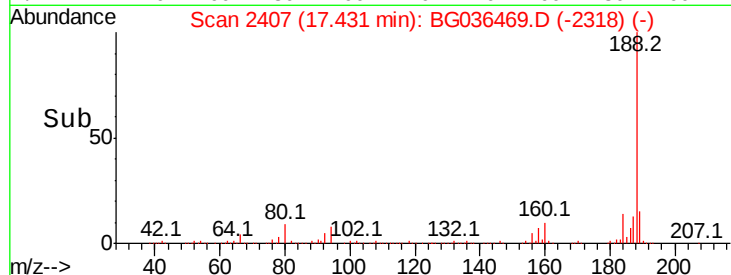
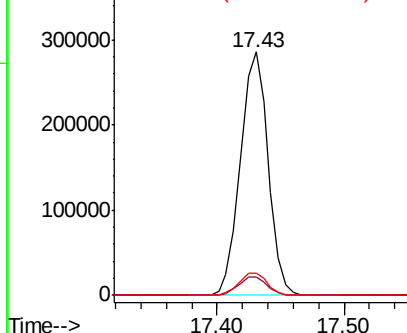
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036469.D
Acq: 28 Aug 2018 22:14

Instrument :
BNA_G
ClientSampleId :
PL-05-082418-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.2	8.1	12.1

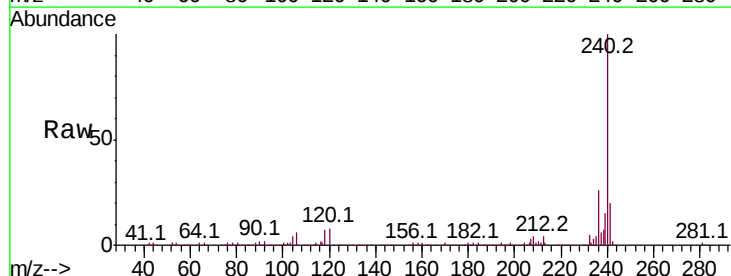


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

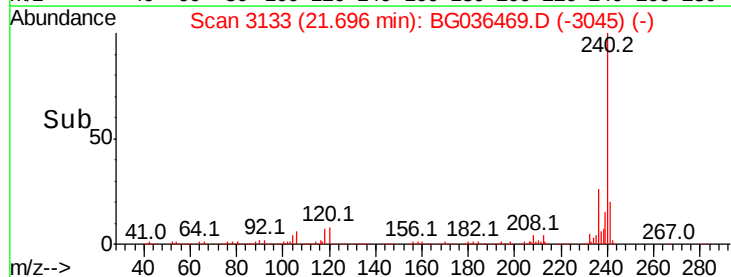
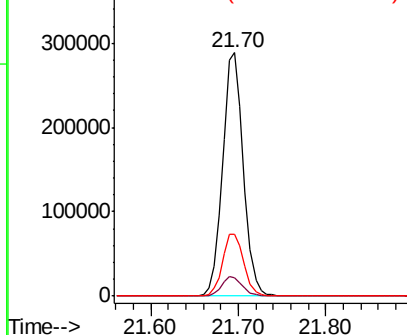


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036469.D
Acq: 28 Aug 2018 22:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.9	10.3
236	25.6	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: 78.746 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

Instrument :

BNA_G

ClientSampleId :

PL-05-082418-A

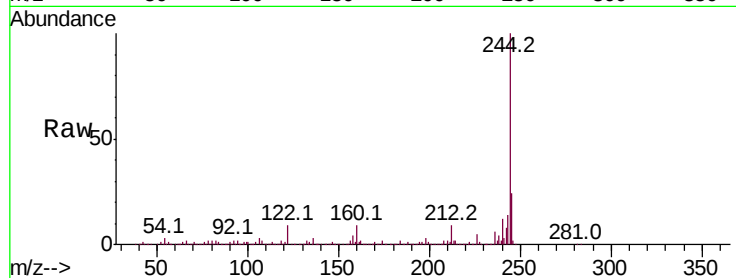
Tot Ion:244 Resp: 1588646

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

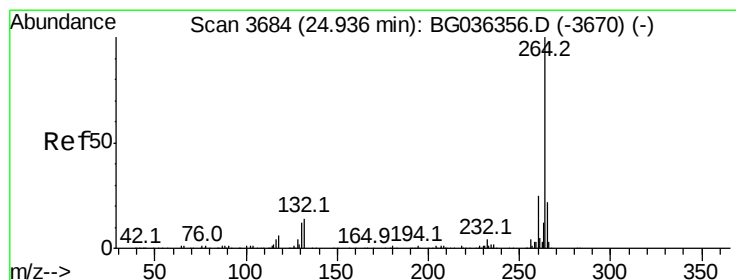
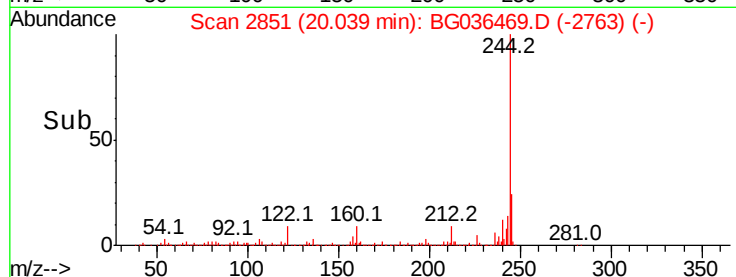
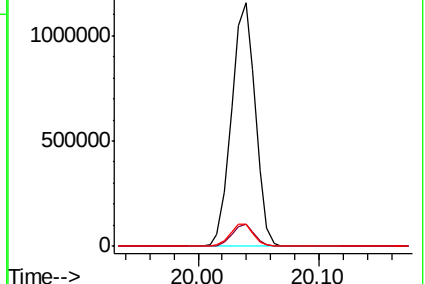
122 9.2 7.1 10.7



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: 24.91 min Scan# 3680

Delta R.T. -0.03 min

Lab File: BG036469.D

Acq: 28 Aug 2018 22:14

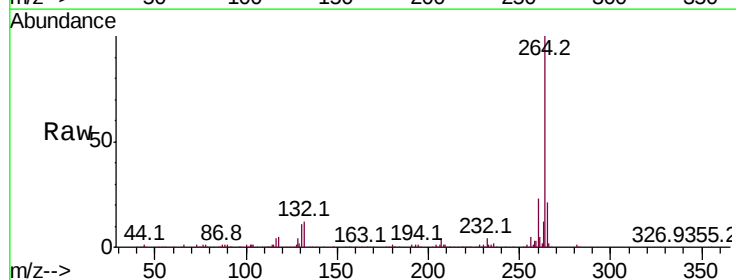
Tgt Ion:264 Resp: 474921

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 20.6 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

