

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035428.D
 Acq On : 27 Jun 2018 3:23
 Operator : JU/SJ
 Sample : J3241-18RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062218-CRE

Quant Time: Jun 27 07:51:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60988	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	233191	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	176173	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	461556	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	497954	20.00	ng	-0.04
86) Perylene-d12	24.89	264	468844	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	123331	34.13	ng	-0.02
7) Phenol-d6	7.21	99	168745	31.64	ng	-0.01
23) Nitrobenzene-d5	9.21	82	129351	26.37	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	94865	42.06	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	308504	22.76	ng	-0.03
78) Terphenyl-d14	20.02	244	642190	27.01	ng	-0.03

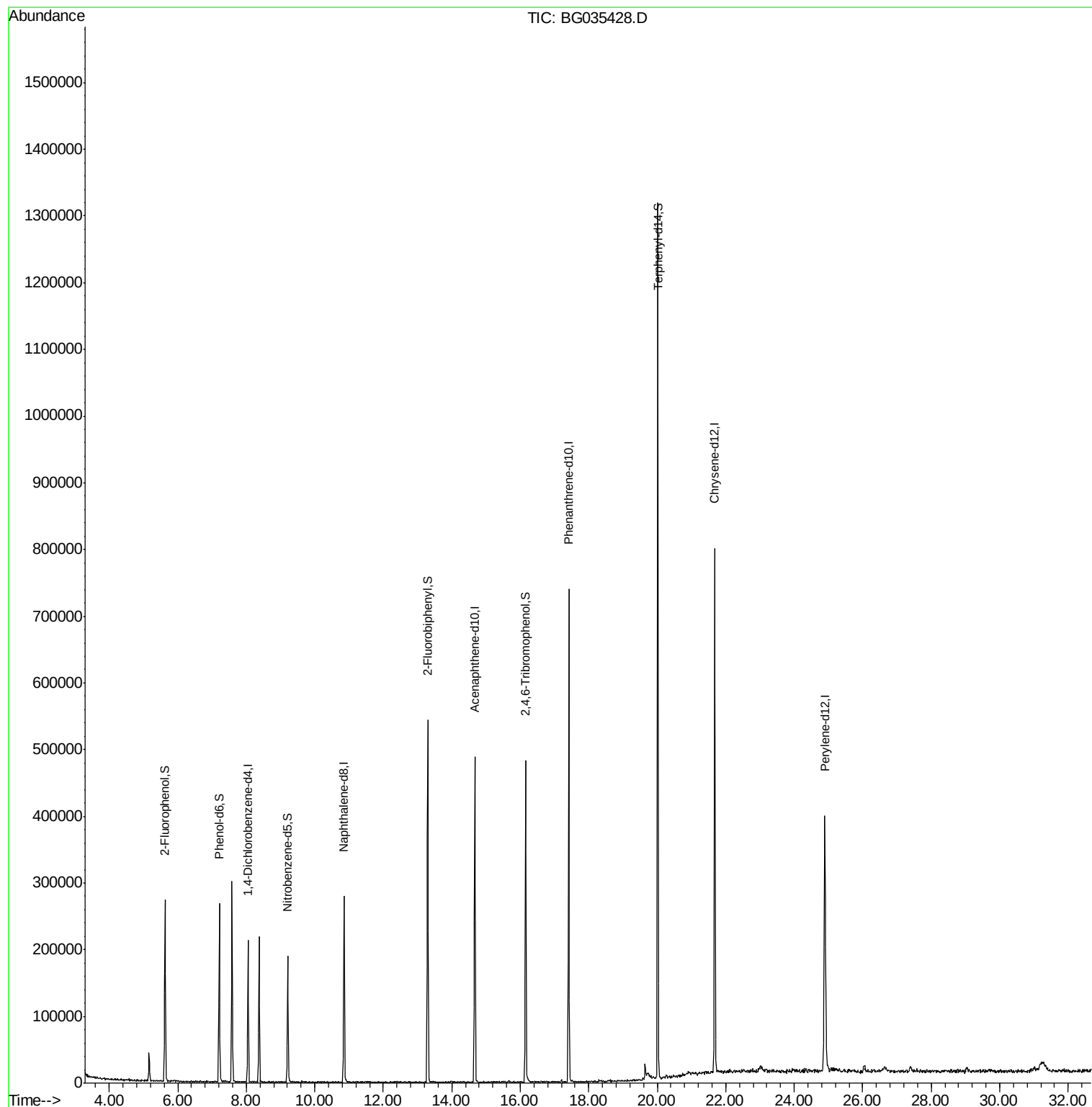
Target Compounds Qvalue

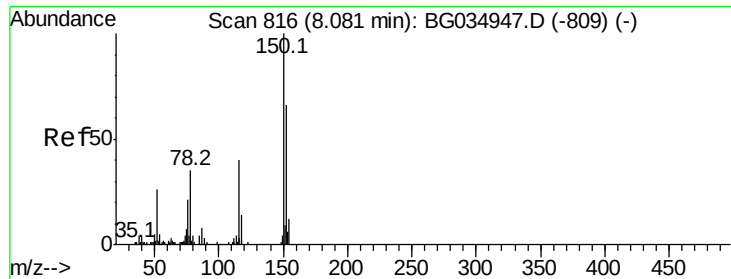
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
Data File : BG035428.D
Acq On : 27 Jun 2018 3:23
Operator : JU/SJ
Sample : J3241-18RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-CRE

Quant Time: Jun 27 07:51:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



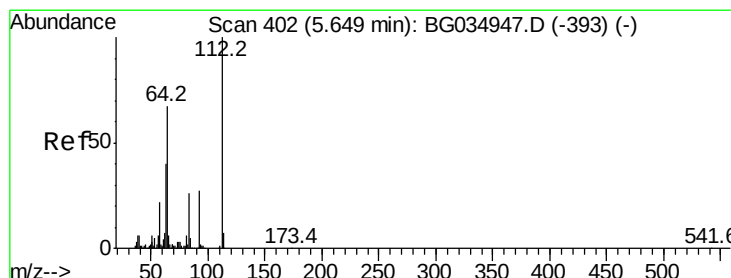
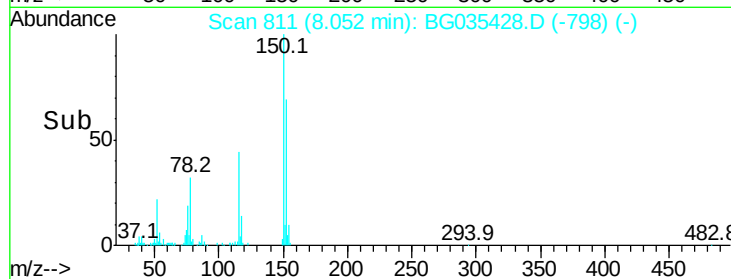
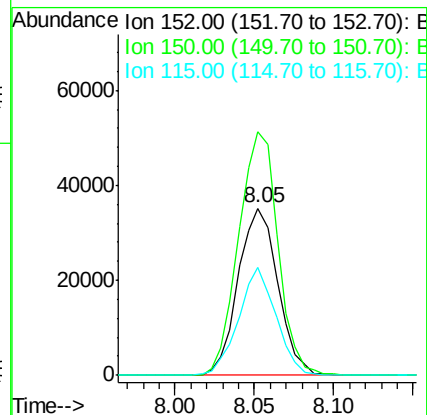
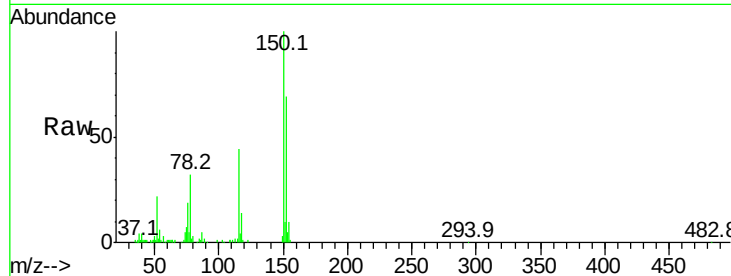


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035428.D
Acq: 27 Jun 2018 3:23

Instrument :
BNA_G
ClientSampleId :
HR-06-062218-CRE

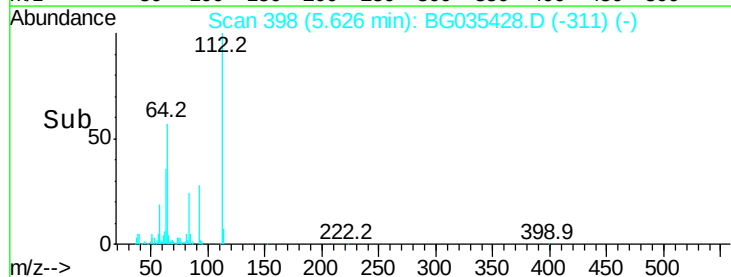
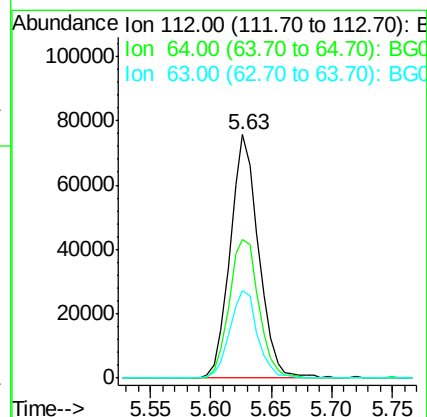
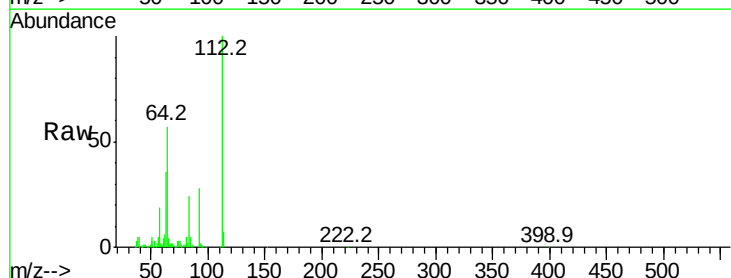
Tot Ion:152 Resp: 60988
Ion Ratio Lower Upper
152 100
150 145.4 126.6 189.8
115 64.2 53.0 79.4

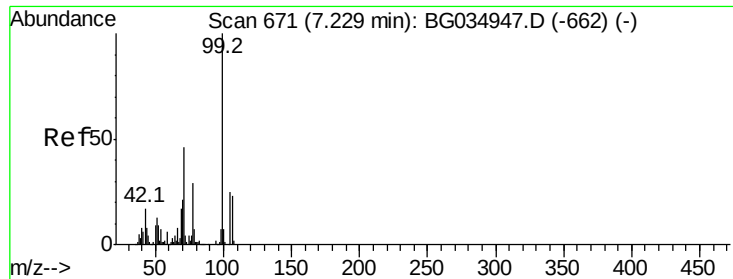


#5

2-Fluorophenol
Concen: 34.127 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035428.D
Acq: 27 Jun 2018 3:23

Tgt Ion:112 Resp: 123331
Ion Ratio Lower Upper
112 100
64 57.0 56.3 84.5
63 36.1 30.1 45.1





#7

Phenol-d6

Concen: 31.637 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-CRE

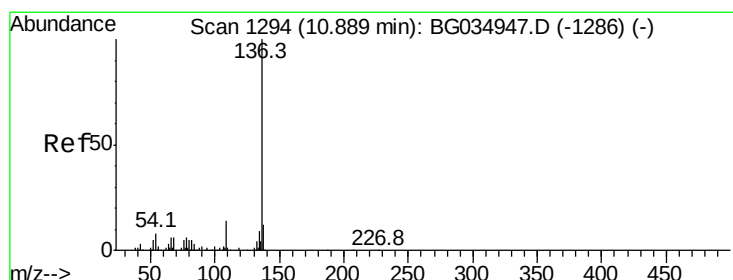
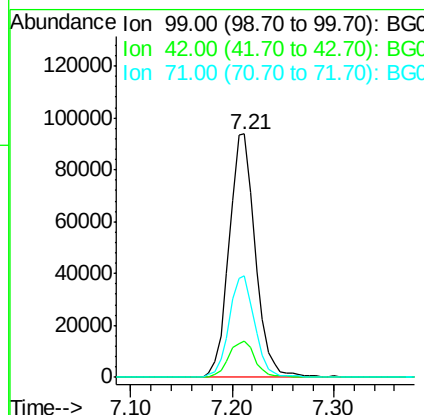
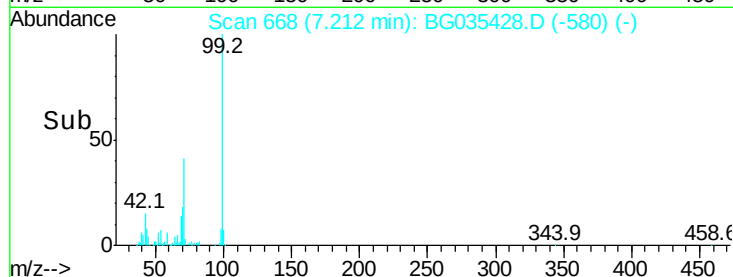
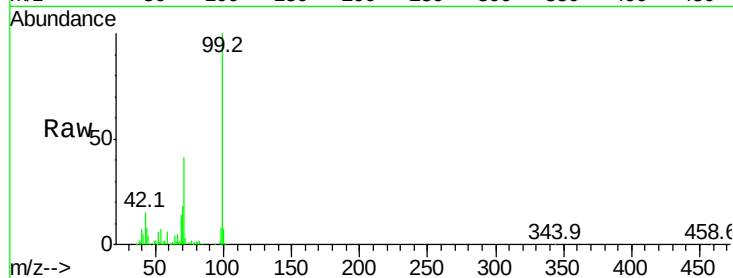
Tot Ion: 99 Resp: 168745

Ion Ratio Lower Upper

99 100

42 14.8 14.1 21.1

71 41.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

Tgt Ion: 136 Resp: 233191

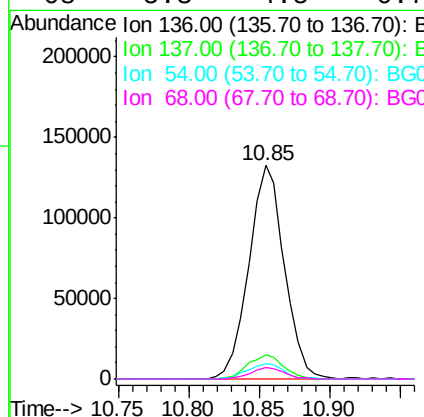
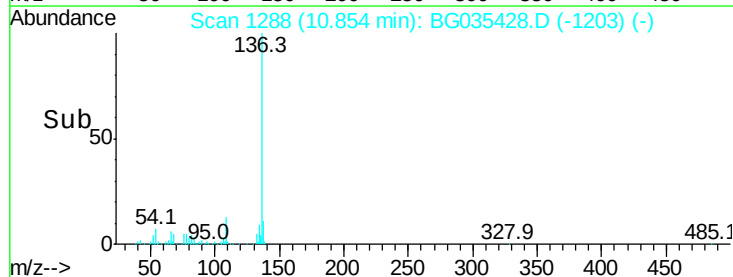
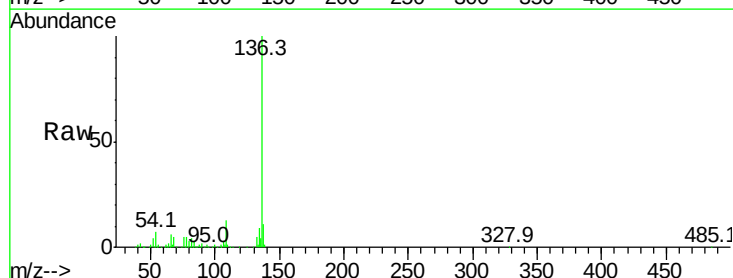
Ion Ratio Lower Upper

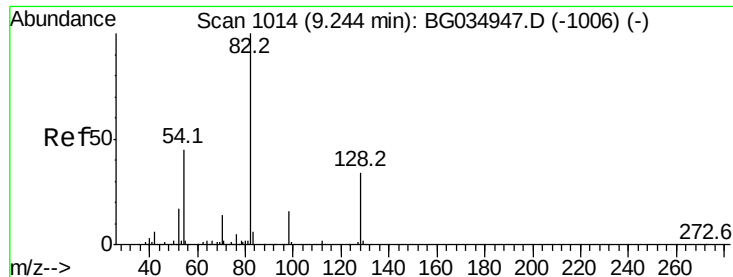
136 100

137 11.5 9.2 13.8

54 7.4 10.3 15.5#

68 5.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 26.367 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-CRE

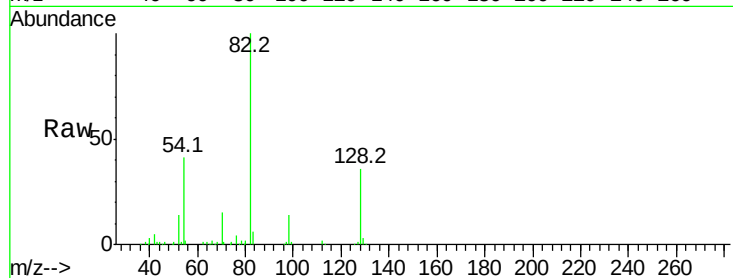
Tot Ion: 82 Resp: 129351

Ion Ratio Lower Upper

82 100

128 35.5 29.7 44.5

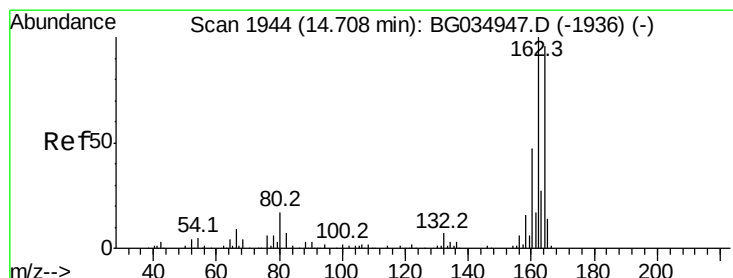
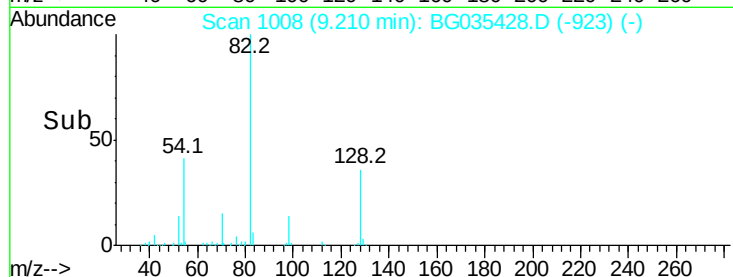
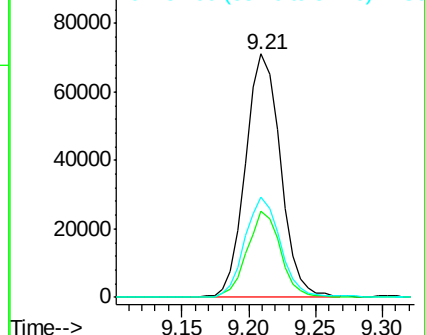
54 41.1 43.1 64.7#



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: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

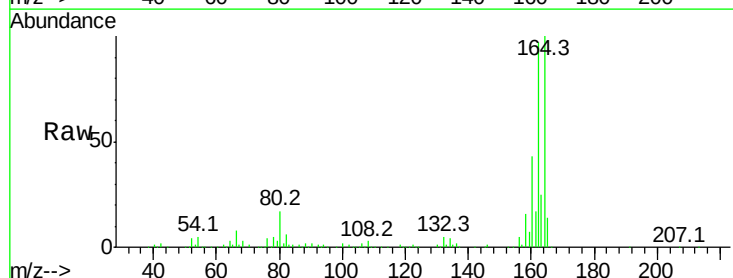
Tgt Ion: 164 Resp: 176173

Ion Ratio Lower Upper

164 100

162 96.9 78.8 118.2

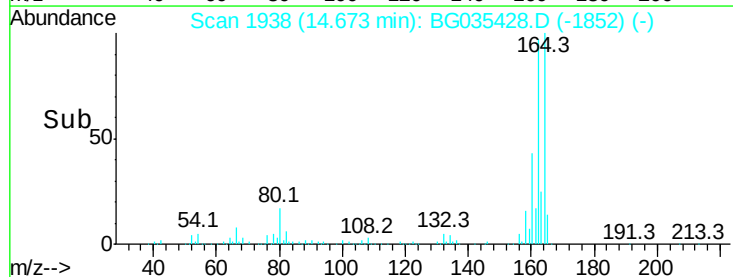
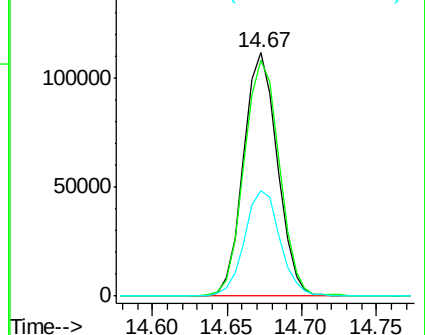
160 43.1 35.4 53.0

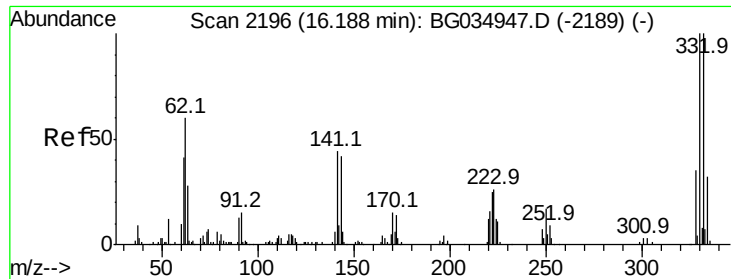


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

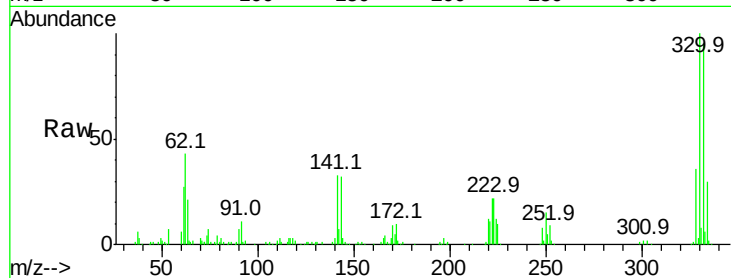




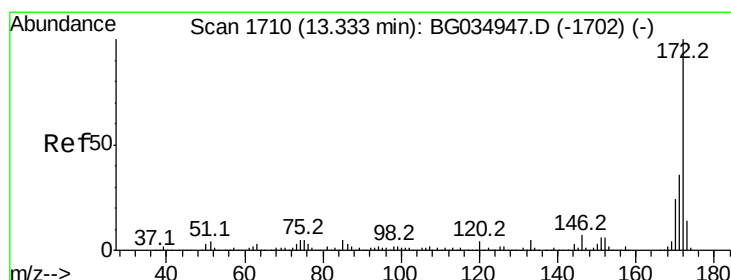
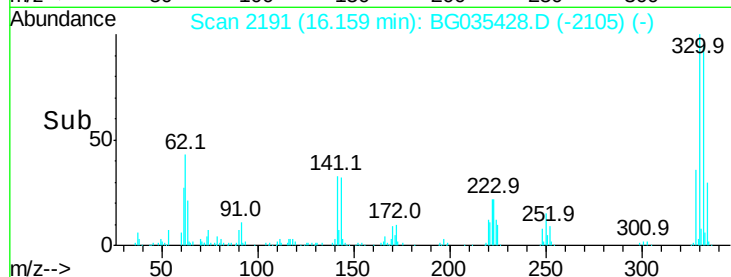
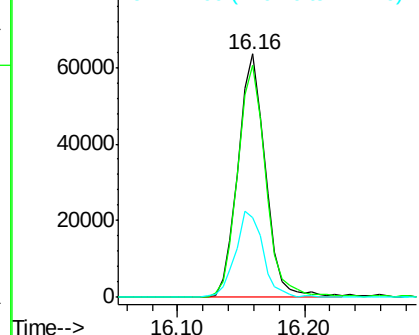
#41
 2,4,6-Tribromophenol
 Concen: 42.064 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035428.D
 Acq: 27 Jun 2018 3:23

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-062218-CRE

Tot Ion:330 Resp: 94865
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 35.3 25.2 37.8

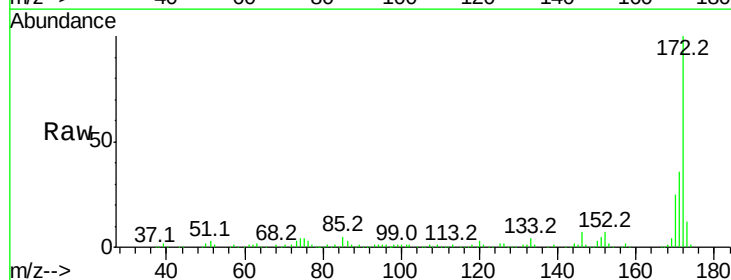


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

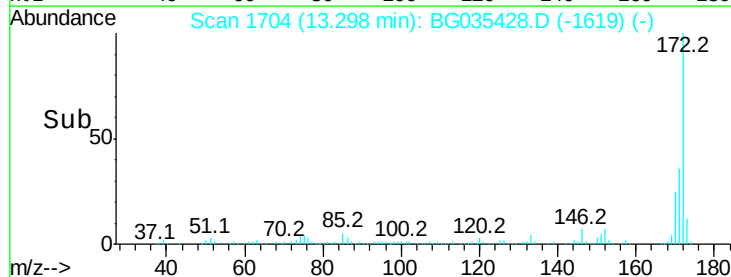
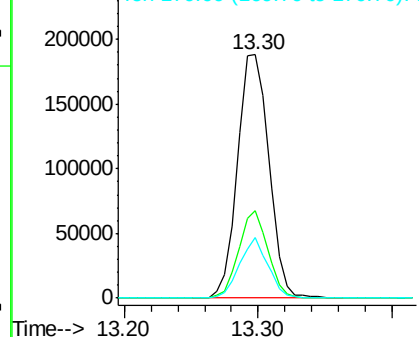


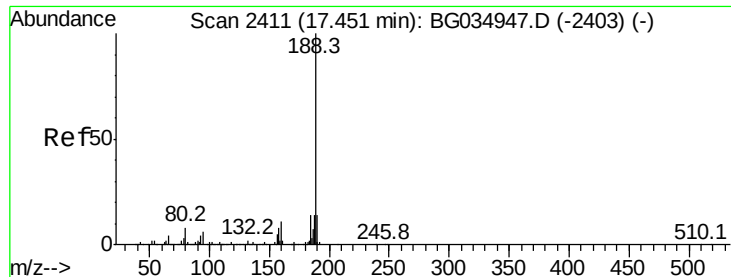
#44
 2-Fluorobiphenyl
 Concen: 22.765 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035428.D
 Acq: 27 Jun 2018 3:23

Tgt Ion:172 Resp: 308504
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.0 45.0
 170 24.9 19.5 29.3



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. -0.02 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-CRE

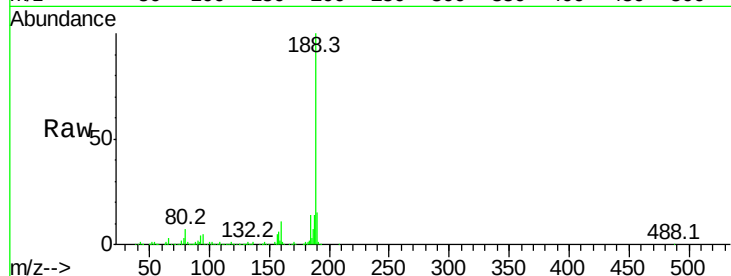
Tot Ion:188 Resp: 461556

Ion Ratio Lower Upper

188 100

94 5.5 6.9 10.3#

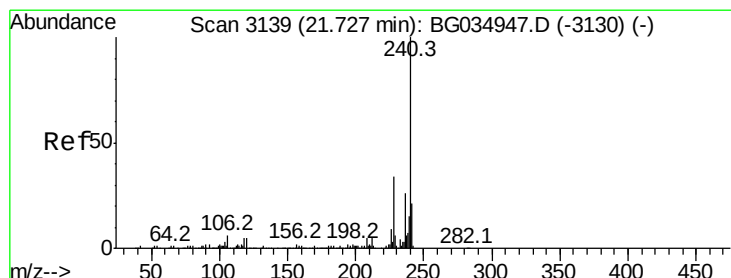
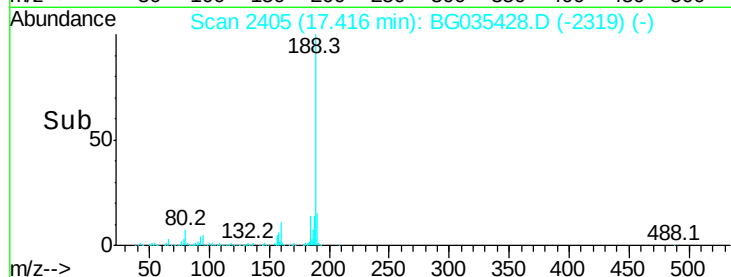
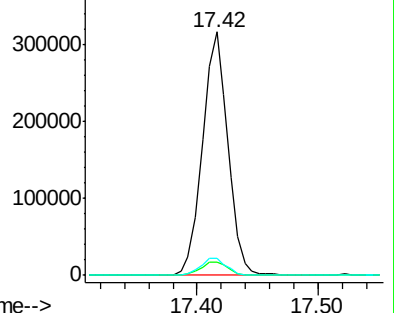
80 6.9 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

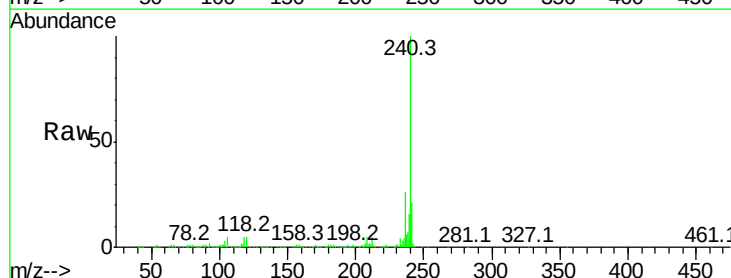
Tgt Ion:240 Resp: 497954

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

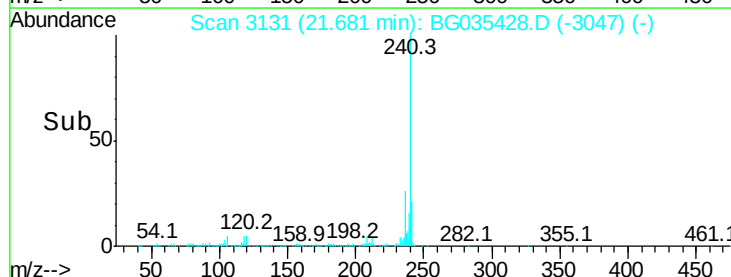
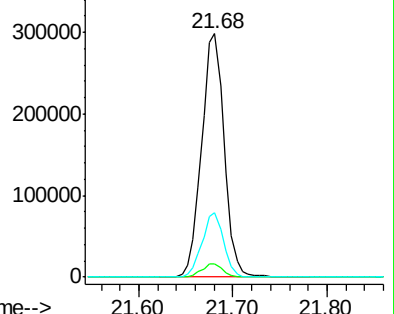
236 26.2 20.9 31.3

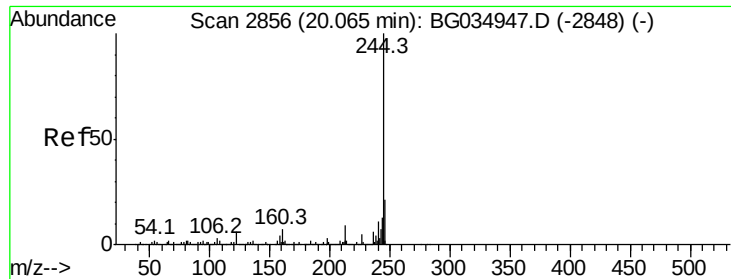


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 27.014 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

Instrument :

BNA_G

ClientSampleId :

HR-06-062218-CRE

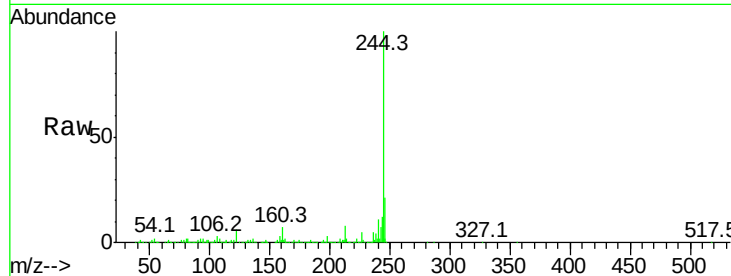
Tot Ion:244 Resp: 642190

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

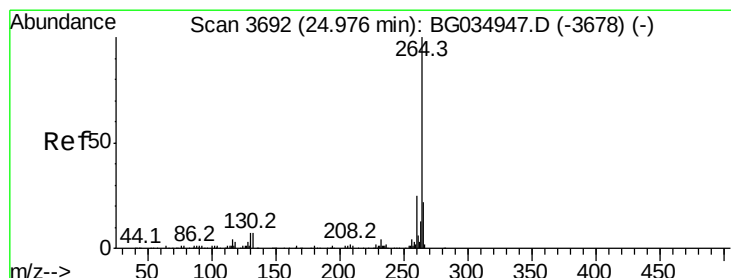
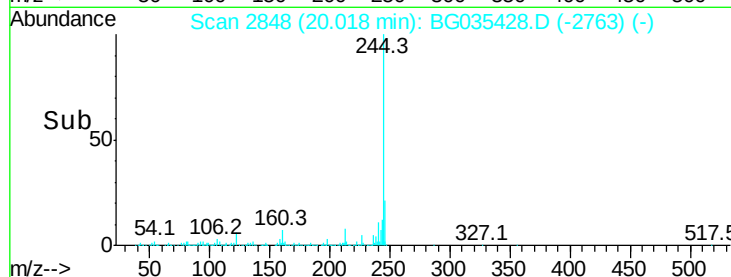
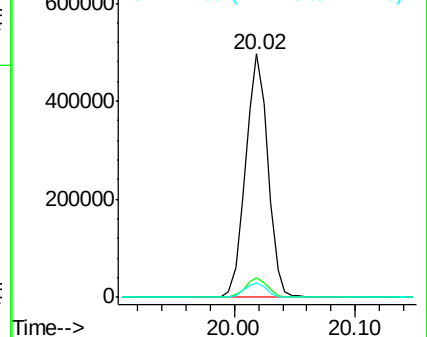
122 6.0 7.0 10.4#



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# 3678

Delta R.T. -0.06 min

Lab File: BG035428.D

Acq: 27 Jun 2018 3:23

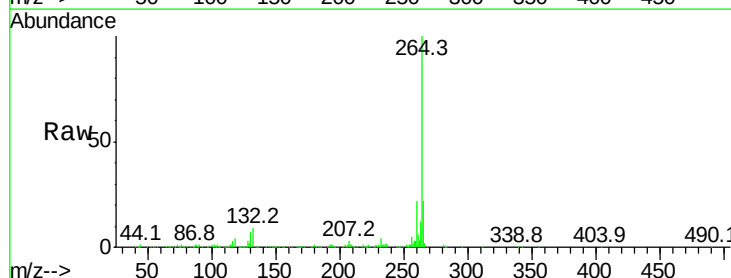
Tgt Ion:264 Resp: 468844

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 22.5 17.7 26.5



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

