

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035160.D
 Acq On : 15 Jun 2018 6:10
 Operator : SJ/JU
 Sample : J3251-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061118

Quant Time: Jun 15 07:43:26 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	8.06	152	50701	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	195424	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	140329	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	386536	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	433154	20.00	ng	-0.02
86) Perylene-d12	24.92	264	361091	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	434812	144.73	ng	0.00
7) Phenol-d6	7.22	99	599548	135.21	ng	0.00
23) Nitrobenzene-d5	9.23	82	473166	115.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	314140	174.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1047829	97.07	ng	-0.02
78) Terphenyl-d14	20.04	244	2074912	100.34	ng	-0.01

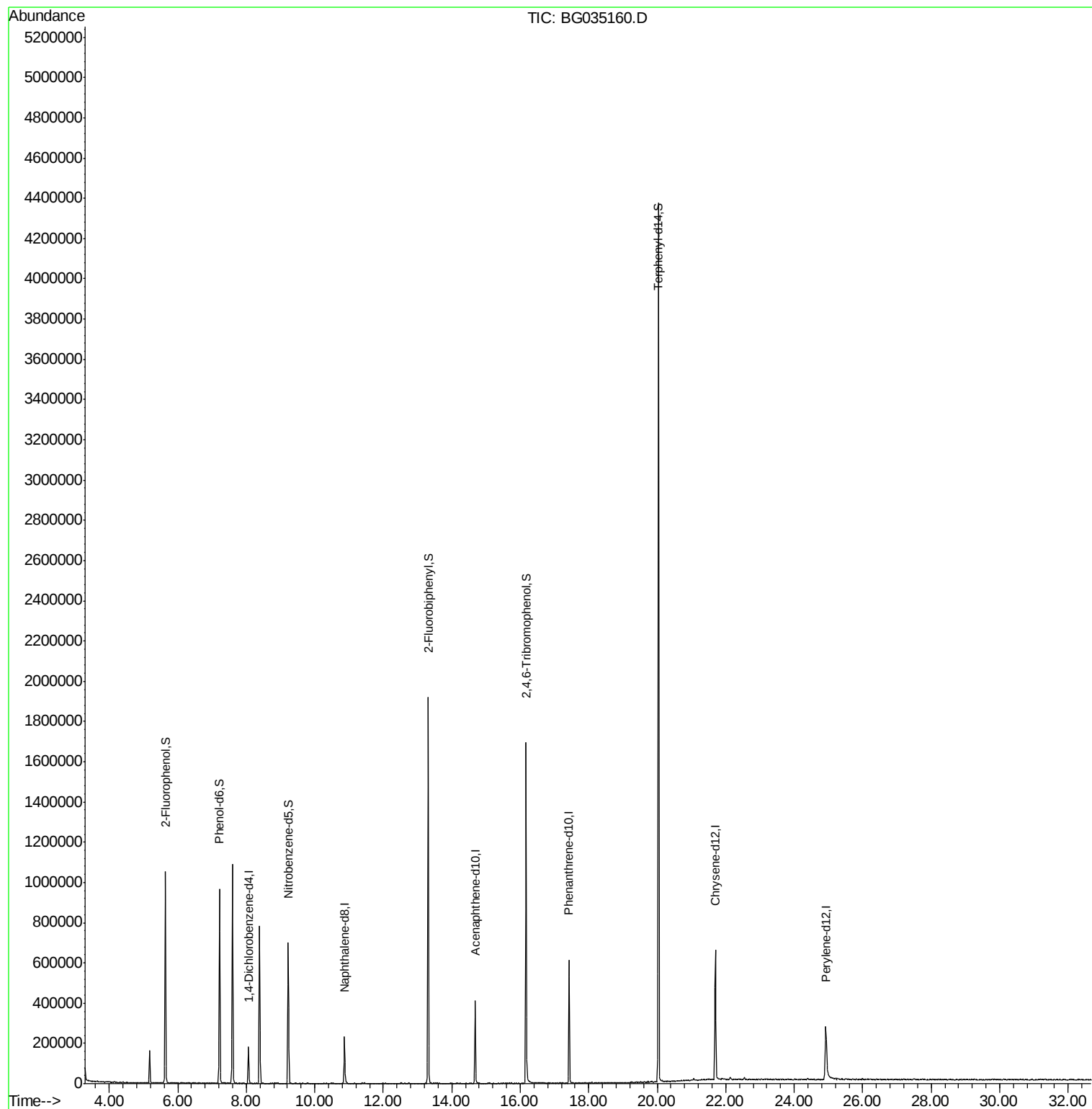
Target Compounds Qvalue

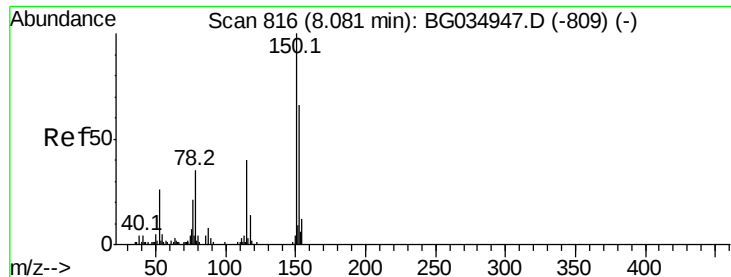
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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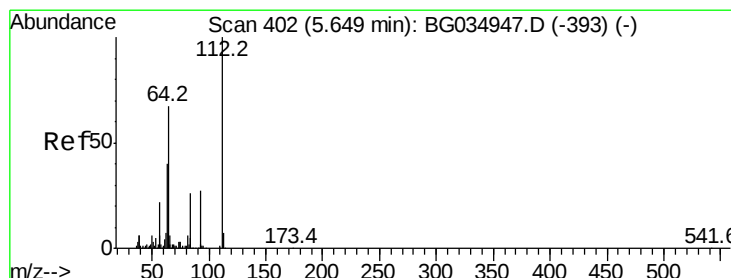
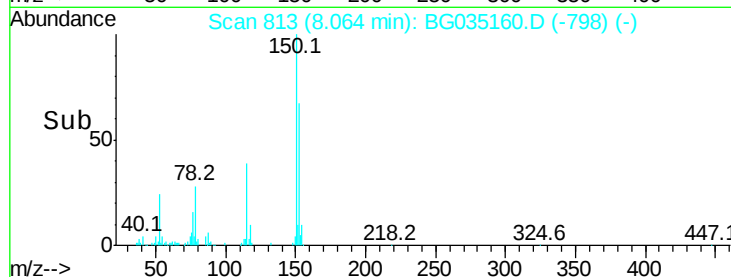
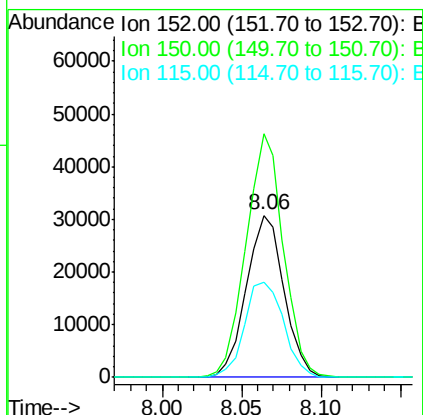
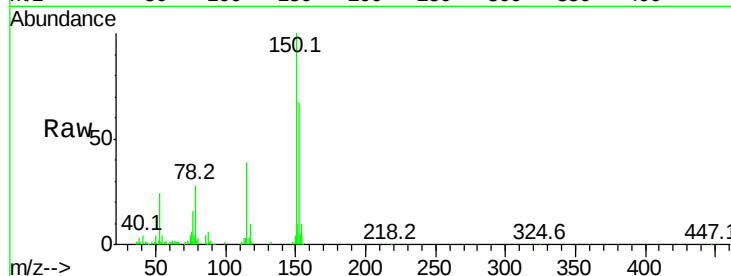


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Instrument :
BNA_G
ClientSampleId :
SU-03-061118

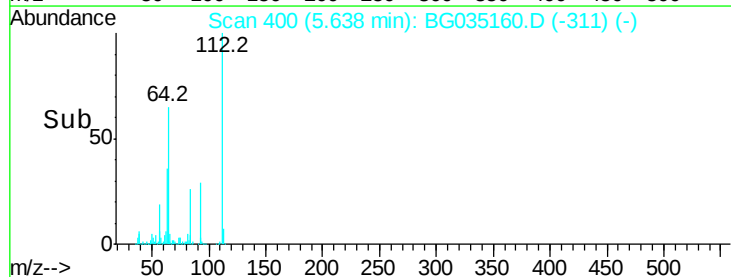
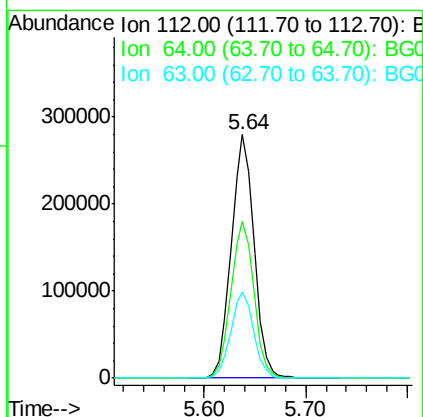
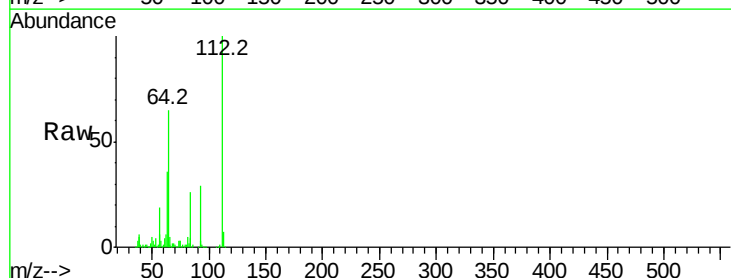
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.6	189.8
115	58.6	53.0	79.4

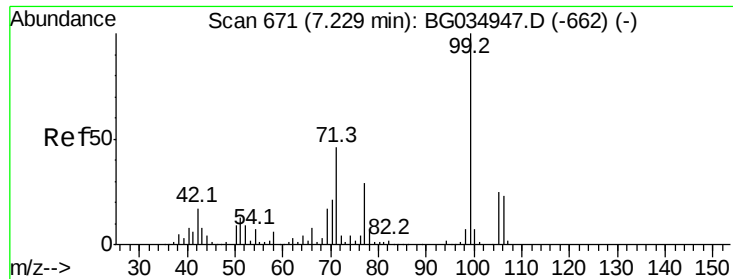


#5

2-Fluorophenol
Concen: 144.729 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.3	84.5
63	35.5	30.1	45.1





#7

Phenol-d6

Concen: 135.210 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035160.D

Acq: 15 Jun 2018 6:10

Instrument :

BNA_G

ClientSampleId :

SU-03-061118

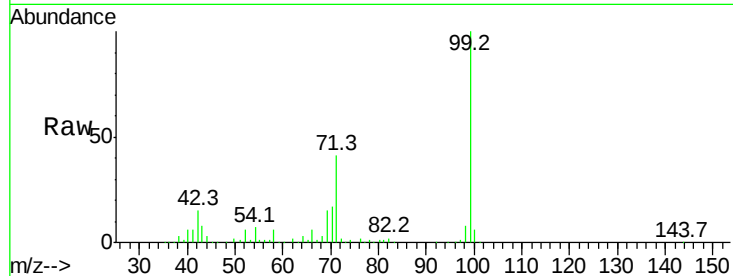
Tot Ion: 99 Resp: 599548

Ion Ratio Lower Upper

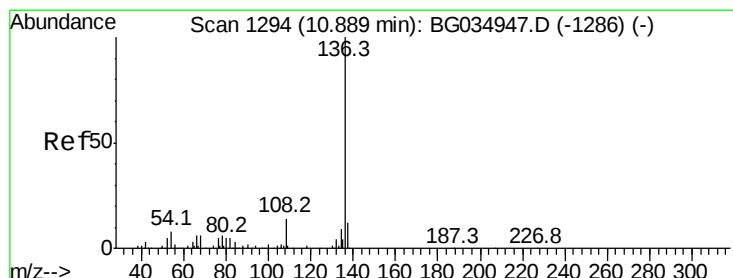
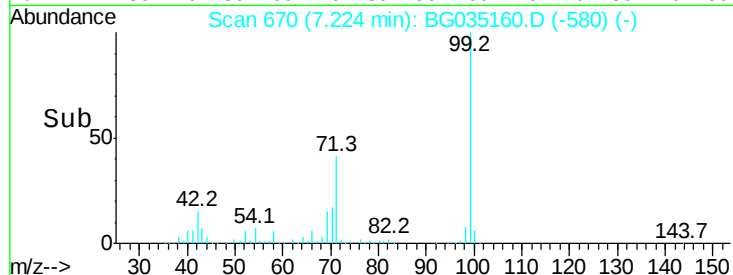
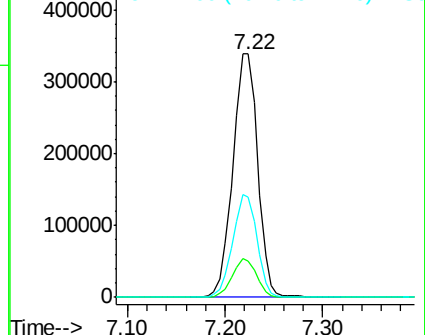
99 100

42 15.1 14.1 21.1

71 41.2 26.1 39.1#



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# 1291

Delta R.T. -0.01 min

Lab File: BG035160.D

Acq: 15 Jun 2018 6:10

Tgt Ion: 136 Resp: 195424

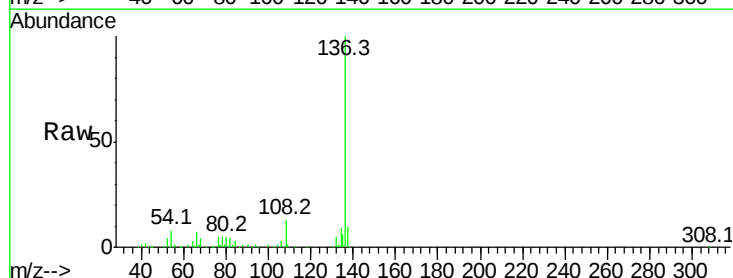
Ion Ratio Lower Upper

136 100

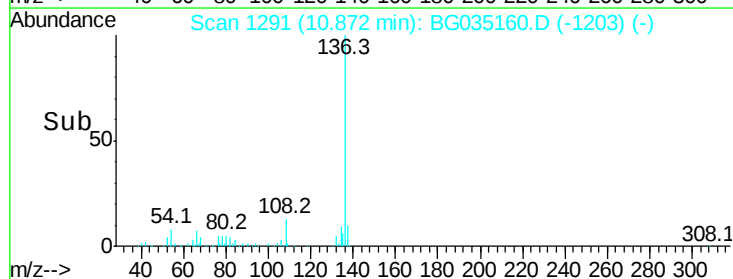
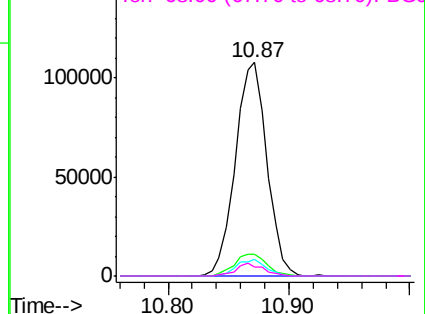
137 10.5 9.2 13.8

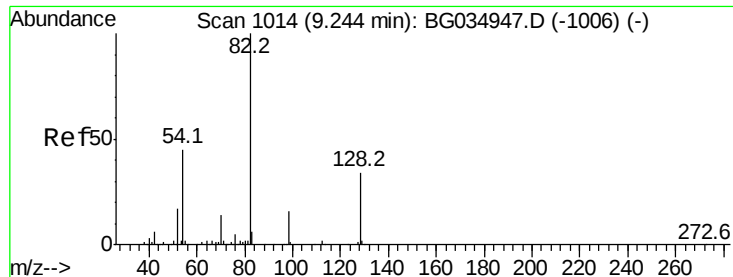
54 7.7 10.3 15.5#

68 4.0 4.5 6.7#



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

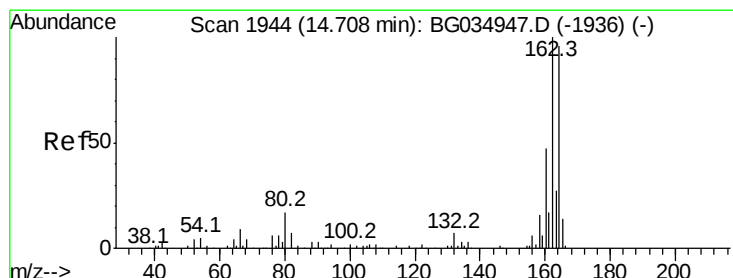
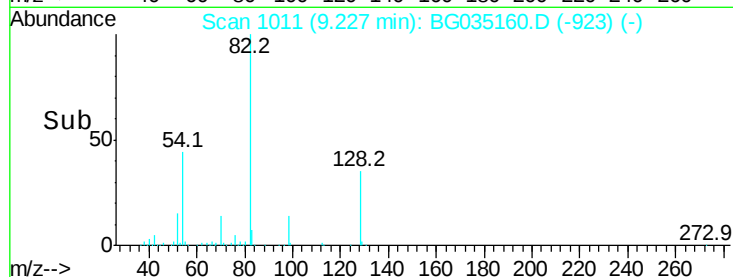
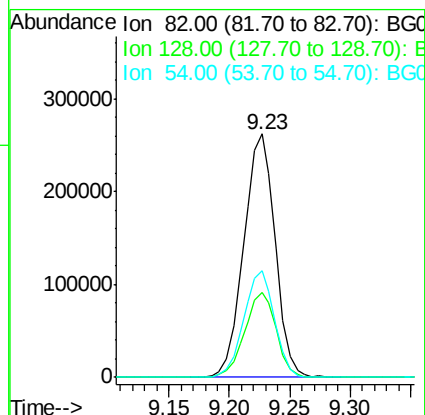
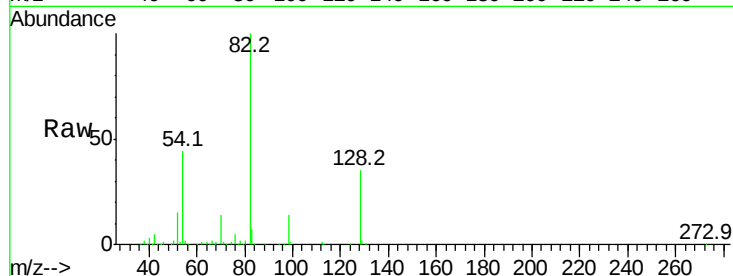




#23
Nitrobenzene-d5
Concen: 115.091 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

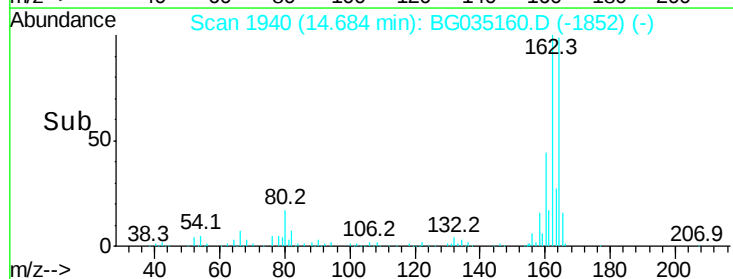
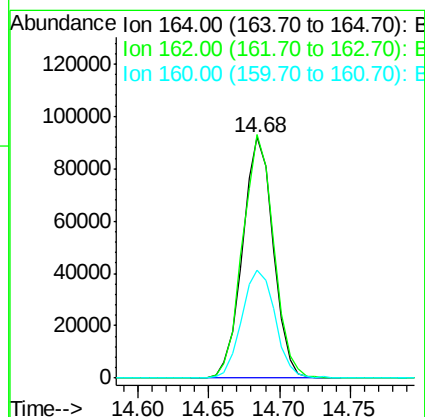
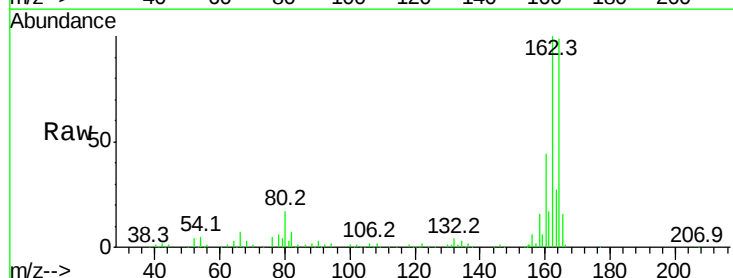
Instrument :
BNA_G
ClientSampleId :
SU-03-061118

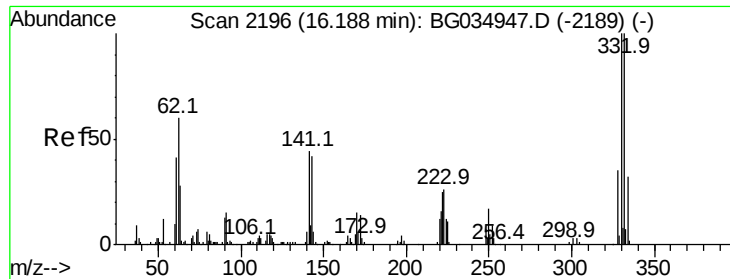
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035160.D
Acq: 15 Jun 2018 6:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	44.6	35.4	53.0

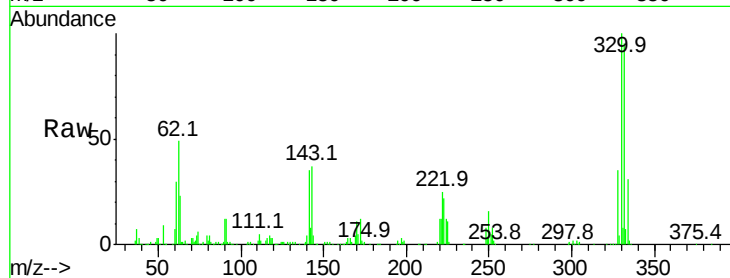




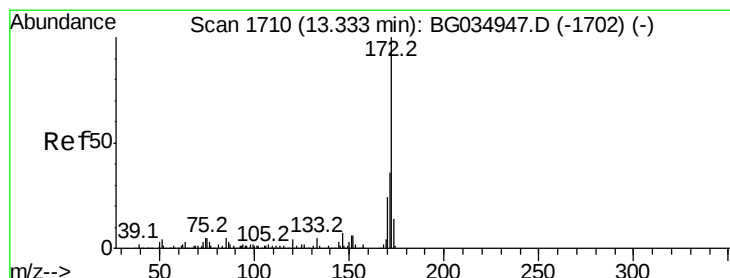
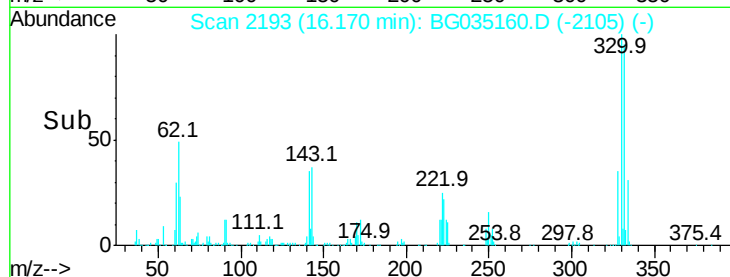
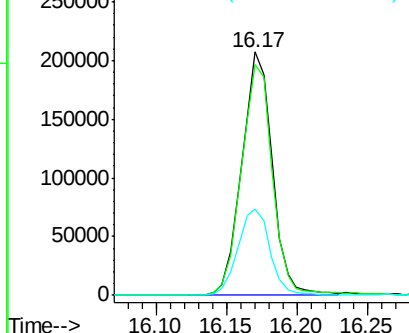
#41
 2,4,6-Tribromophenol
 Concen: 174.873 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035160.D
 Acq: 15 Jun 2018 6:10

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-061118

Tot Ion:330 Resp: 314140
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 37.3 25.2 37.8

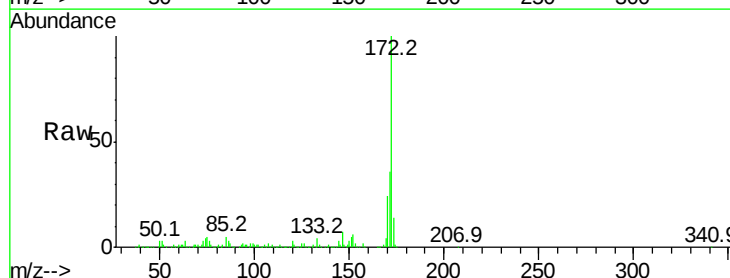


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

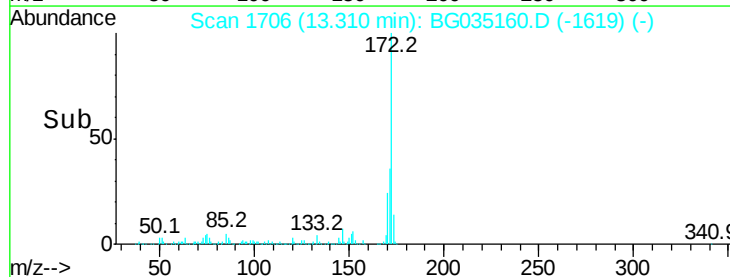
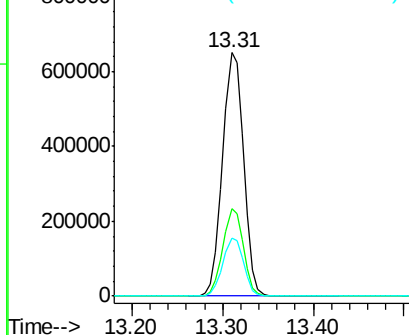


#44
 2-Fluorobiphenyl
 Concen: 97.070 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035160.D
 Acq: 15 Jun 2018 6:10

Tgt Ion:172 Resp: 1047829
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.0 45.0
 170 23.6 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035160.D

Acq: 15 Jun 2018 6:10

Instrument :

BNA_G

ClientSampleId :

SU-03-061118

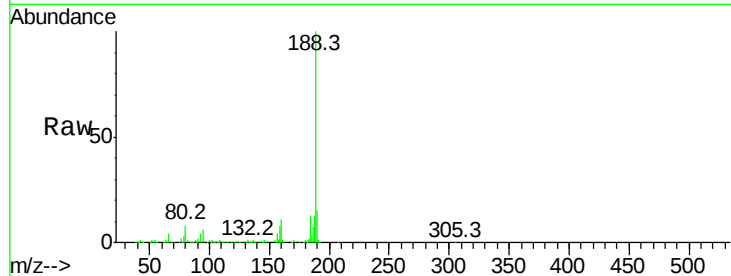
Tot Ion:188 Resp: 386536

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

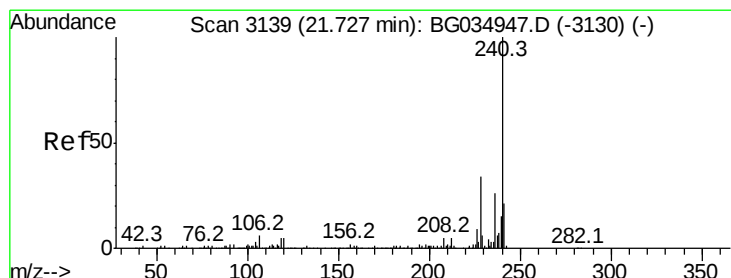
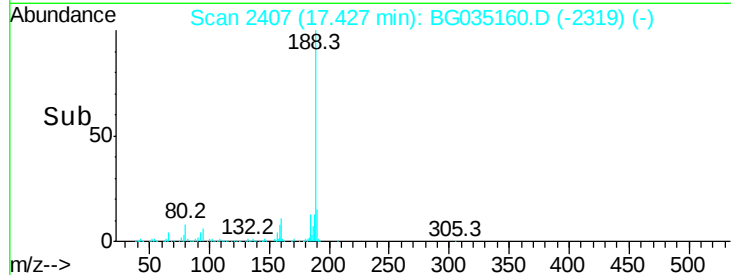
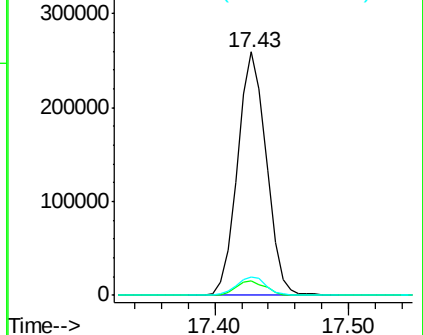
80 7.5 7.7 11.5#



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: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035160.D

Acq: 15 Jun 2018 6:10

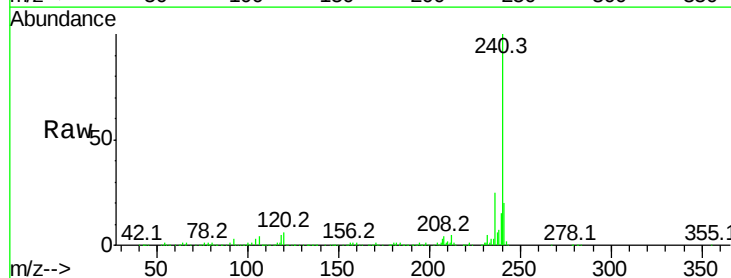
Tgt Ion:240 Resp: 433154

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

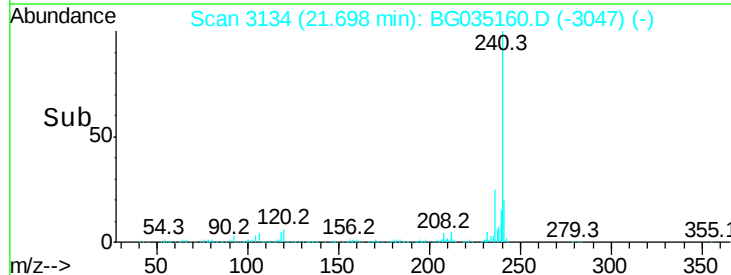
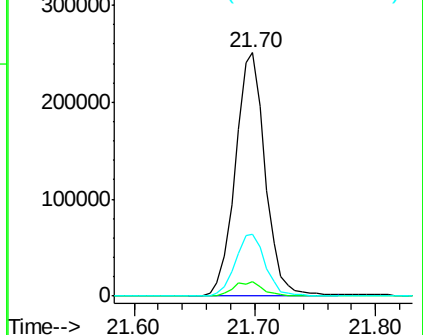
236 25.5 20.9 31.3

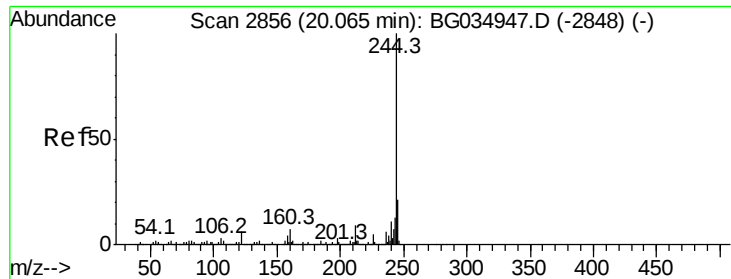


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.340 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035160.D

Acq: 15 Jun 2018 6:10

Instrument :

BNA_G

ClientSampleId :

SU-03-061118

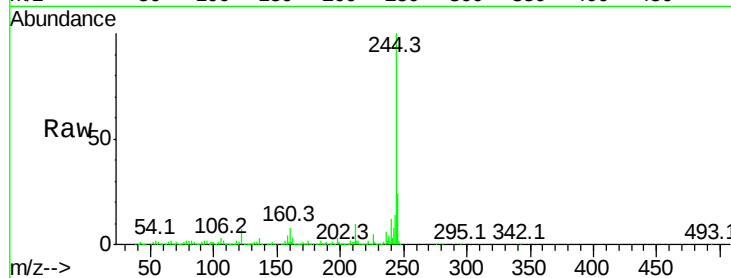
Tot Ion:244 Resp: 2074912

Ion Ratio Lower Upper

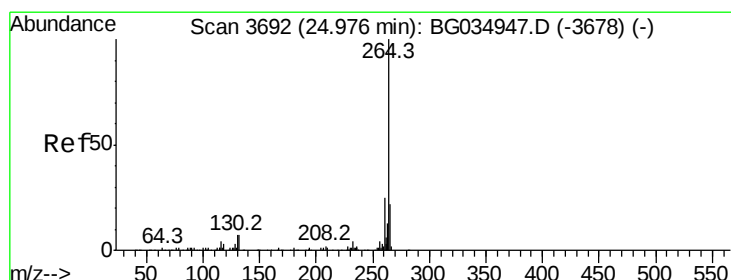
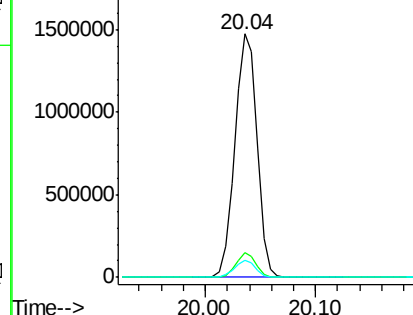
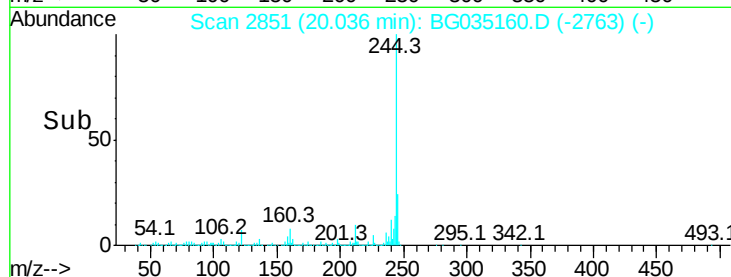
244 100

212 10.2 5.8 8.8#

122 7.0 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E
2000000
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: 24.92 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035160.D

Acq: 15 Jun 2018 6:10

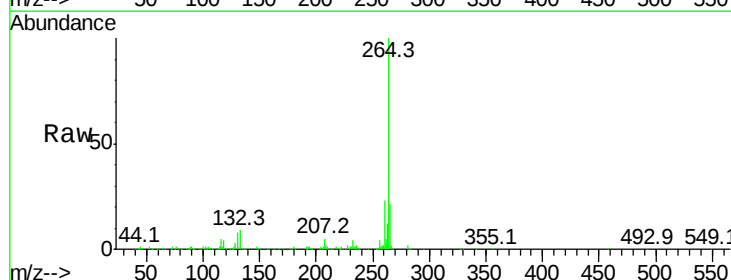
Tgt Ion:264 Resp: 361091

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 20.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
100000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

