

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035165.D
 Acq On : 15 Jun 2018 9:23
 Operator : SJ/JU
 Sample : J3415-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-32COMP

Quant Time: Jun 15 11:07:33 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	48017	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	195745	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	144477	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	396142	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	437197	20.00	ng	-0.02
86) Perylene-d12	24.93	264	382296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	394558	138.67	ng	0.00
7) Phenol-d6	7.22	99	518662	123.51	ng	0.00
23) Nitrobenzene-d5	9.23	82	433861	105.36	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	286762	155.05	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	980243	88.20	ng	-0.02
78) Terphenyl-d14	20.03	244	1919245	91.95	ng	-0.01

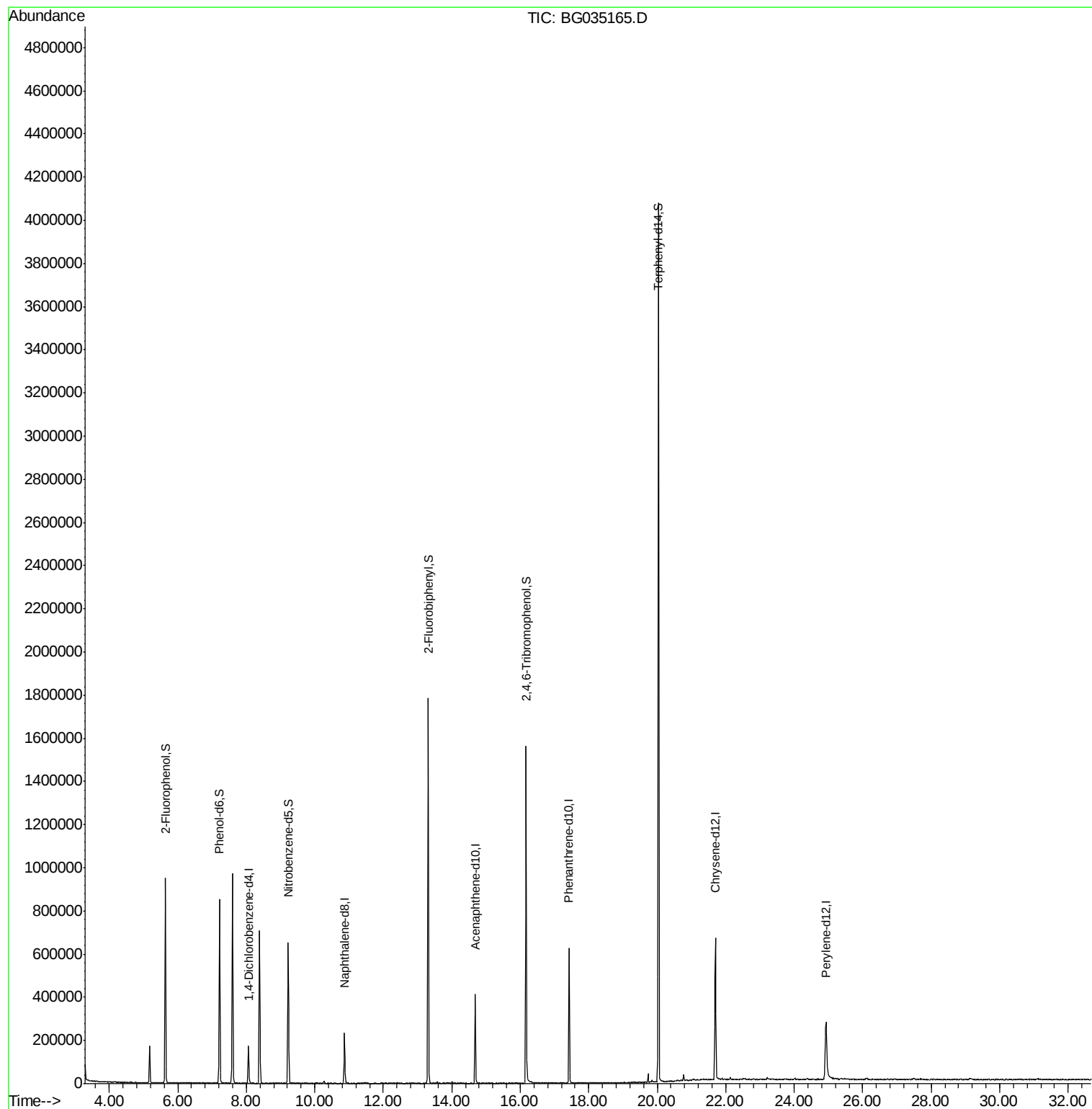
Target Compounds Qvalue

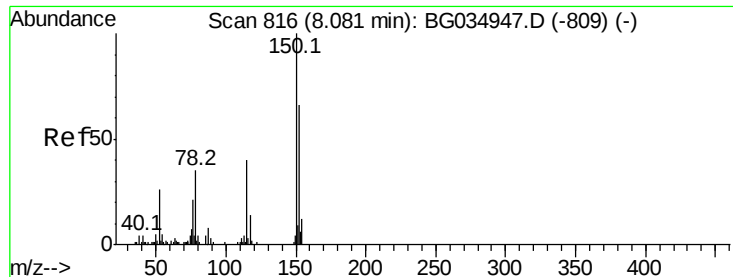
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG035165.D

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ClientSampleId :

SB-32COMP

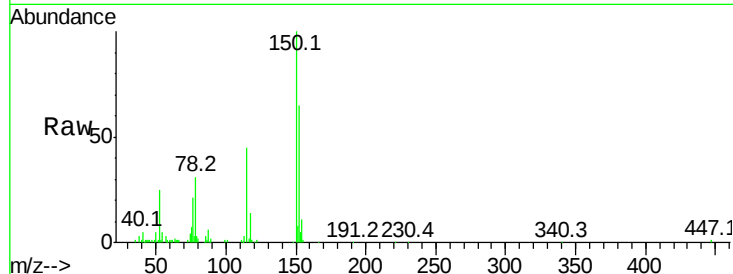
Tot Ion:152 Resp: 48017

Ion Ratio Lower Upper

152 100

150 152.8 126.6 189.8

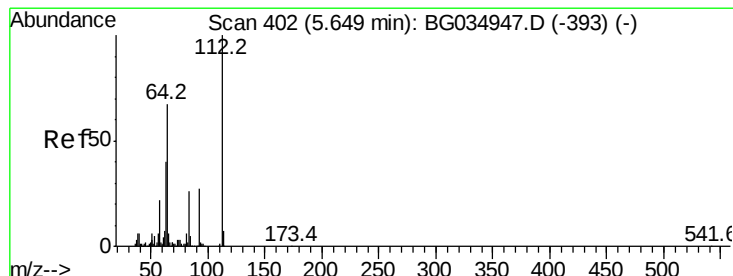
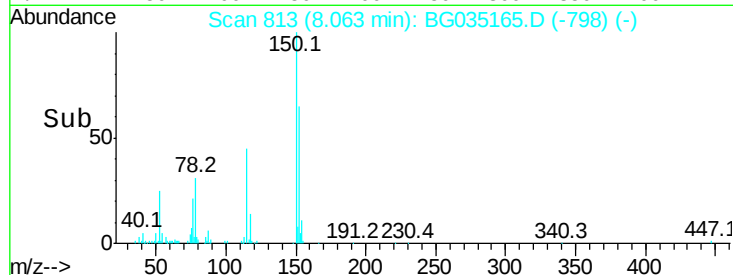
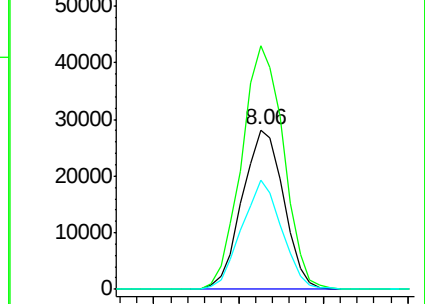
115 68.1 53.0 79.4



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: 138.672 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035165.D

Acq: 15 Jun 2018 9:23

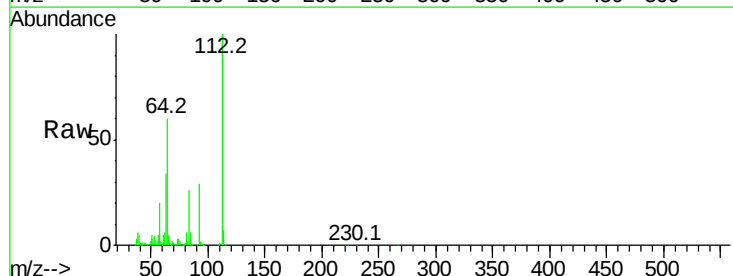
Tgt Ion:112 Resp: 394558

Ion Ratio Lower Upper

112 100

64 59.7 56.3 84.5

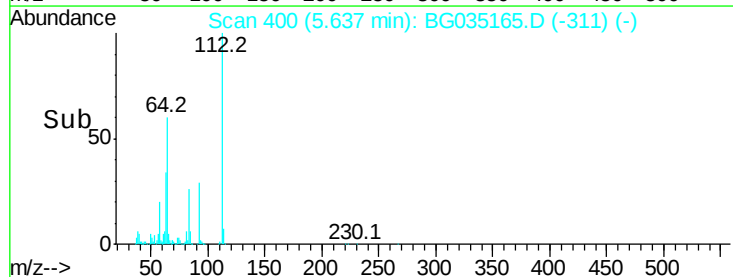
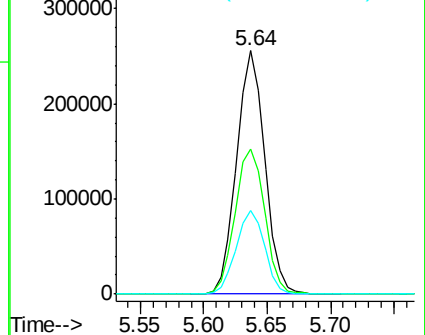
63 34.5 30.1 45.1

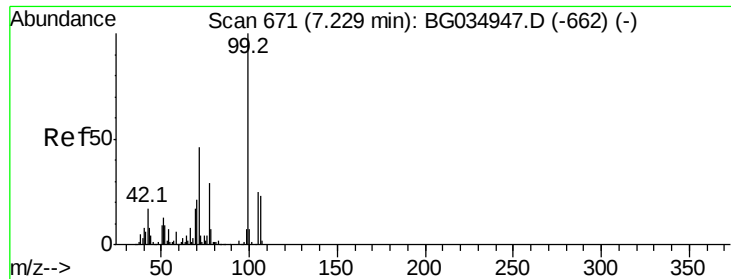


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 123.507 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035165.D

Acq: 15 Jun 2018 9:23

Instrument :

BNA_G

ClientSampleId :

SB-32COMP

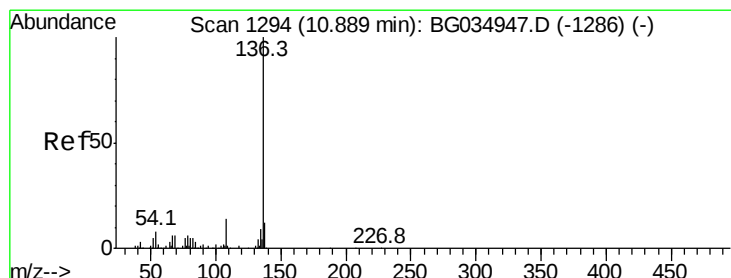
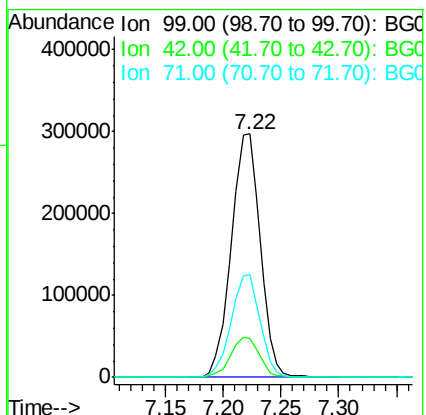
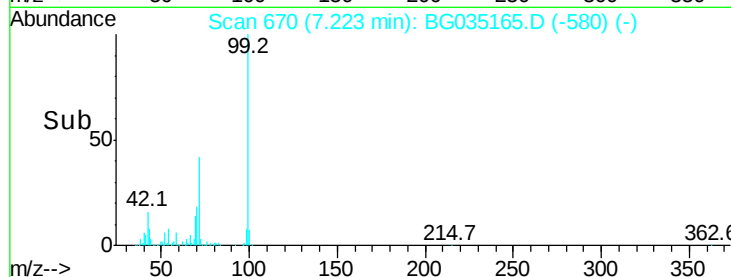
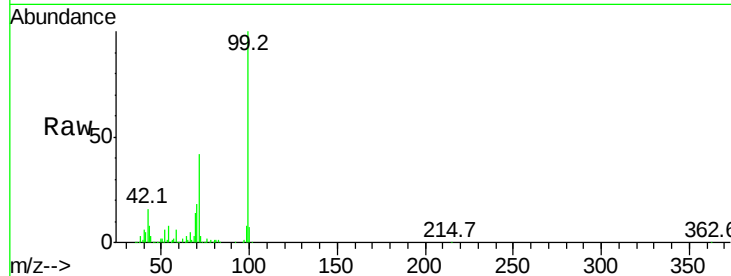
Tot Ion: 99 Resp: 518662

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 42.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035165.D

Acq: 15 Jun 2018 9:23

Tgt Ion: 136 Resp: 195745

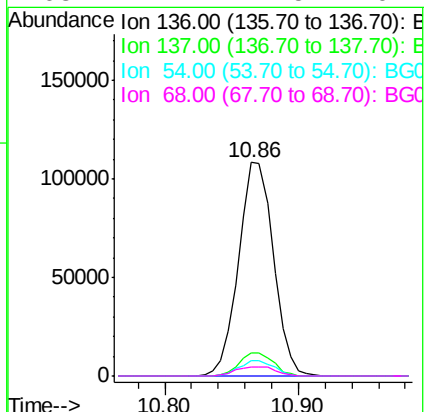
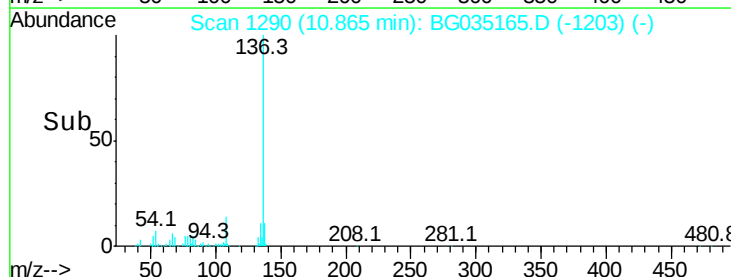
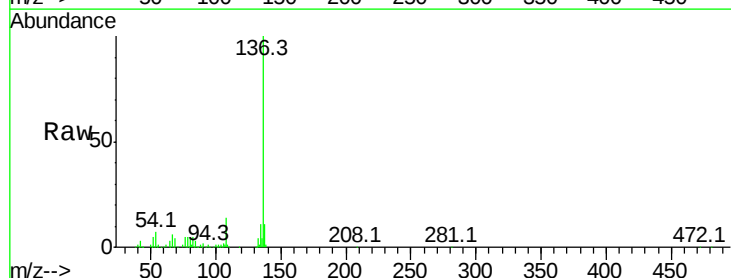
Ion Ratio Lower Upper

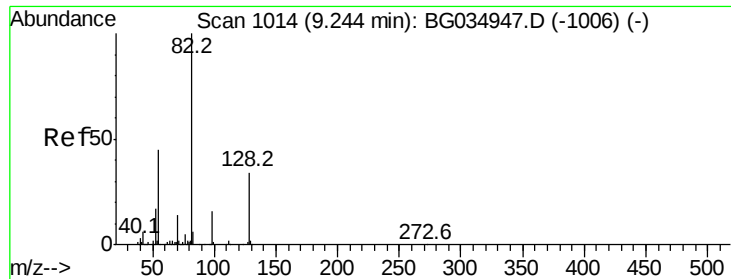
136 100

137 10.8 9.2 13.8

54 7.2 10.3 15.5#

68 4.1 4.5 6.7#

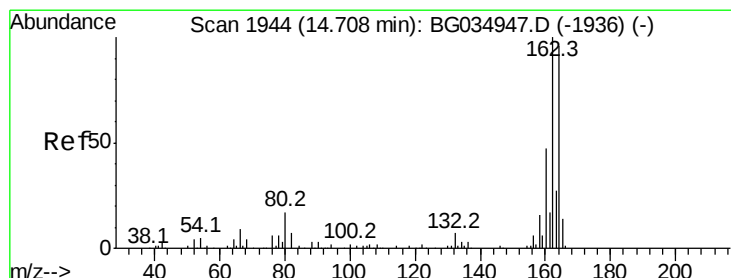
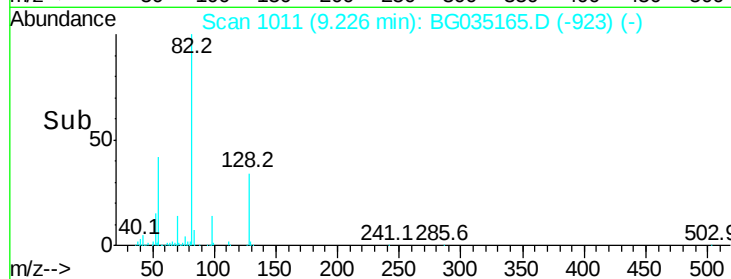
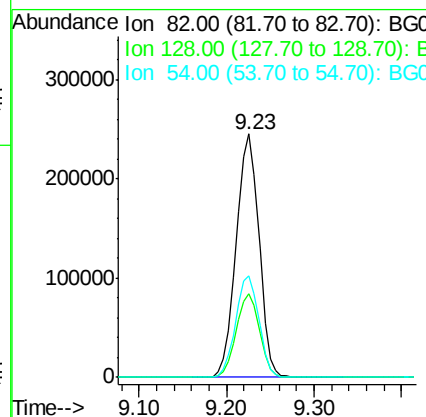
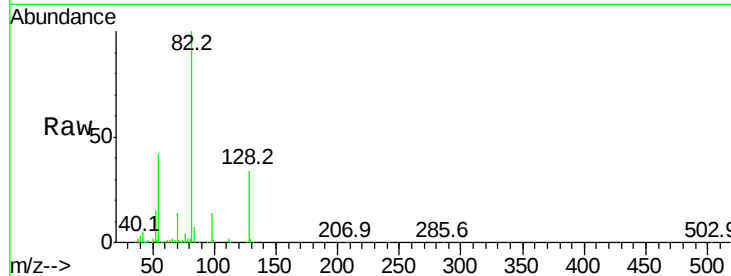




#23
Nitrobenzene-d5
Concen: 105.358 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035165.D
Acq: 15 Jun 2018 9:23

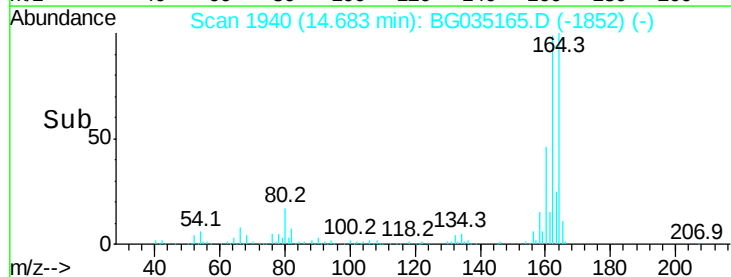
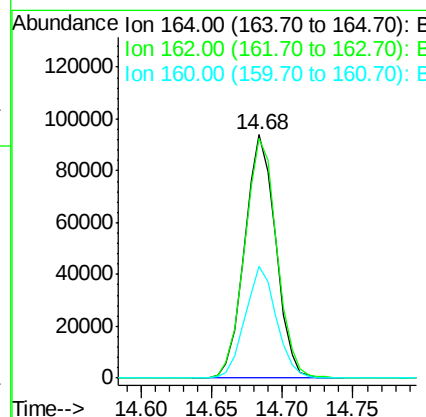
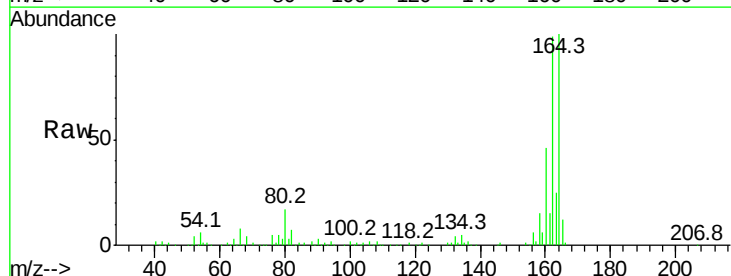
Instrument :
BNA_G
ClientSampleId :
SB-32COMP

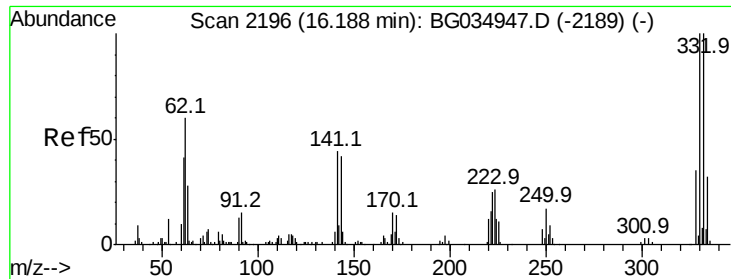
Tot Ion: 82 Resp: 433861
Ion Ratio Lower Upper
82 100
128 34.2 29.7 44.5
54 41.8 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035165.D
Acq: 15 Jun 2018 9:23

Tgt Ion:164 Resp: 144477
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 45.9 35.4 53.0

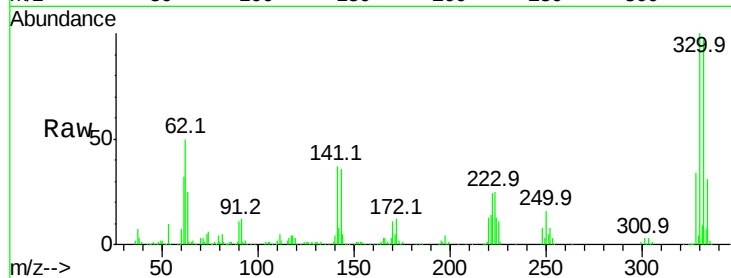




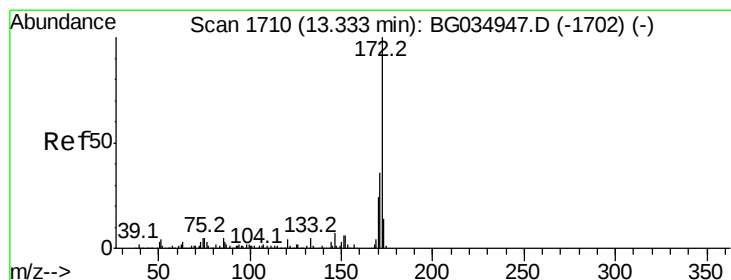
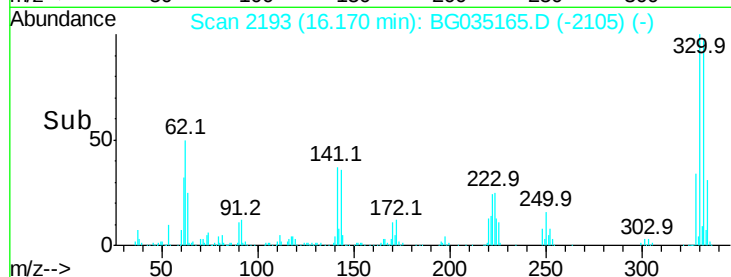
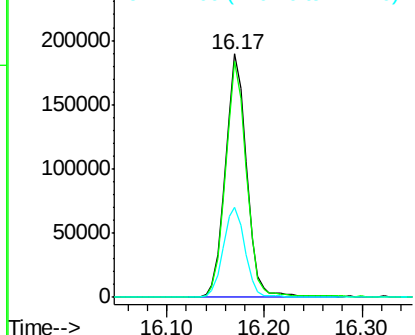
#41
 2,4,6-Tribromophenol
 Concen: 155.049 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035165.D
 Acq: 15 Jun 2018 9:23

Instrument :
 BNA_G
 ClientSampleId :
 SB-32COMP

Tot Ion:330 Resp: 286762
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 37.8 25.2 37.8#

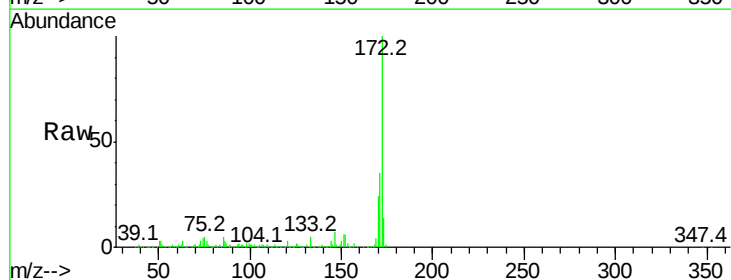


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

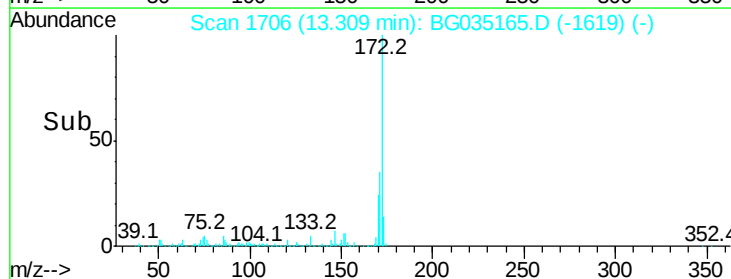
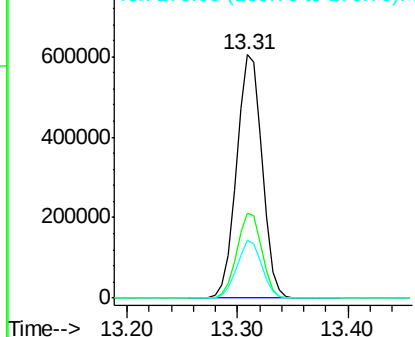


#44
 2-Fluorobiphenyl
 Concen: 88.202 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035165.D
 Acq: 15 Jun 2018 9:23

Tgt Ion:172 Resp: 980243
 Ion Ratio Lower Upper
 172 100
 171 34.6 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

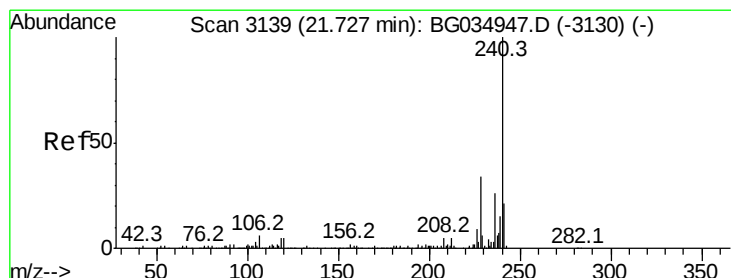
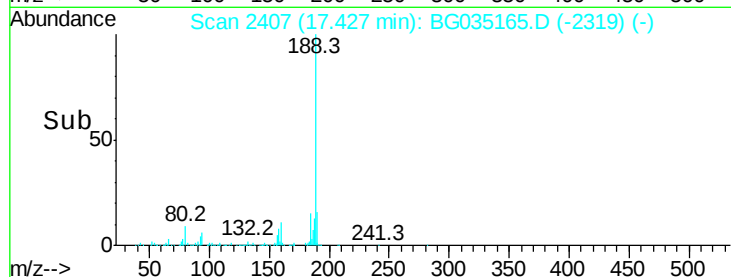
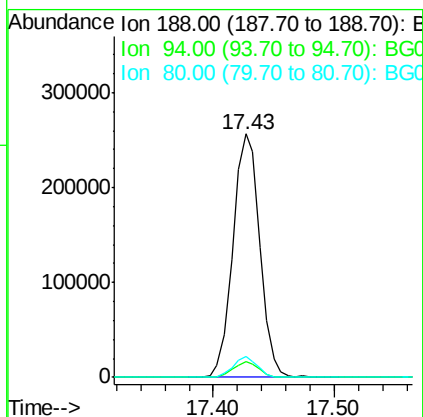
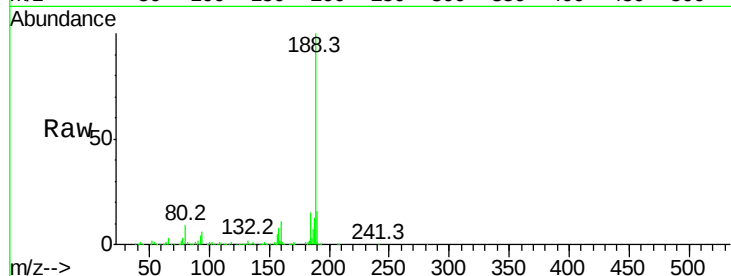




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035165.D
Acq: 15 Jun 2018 9:23

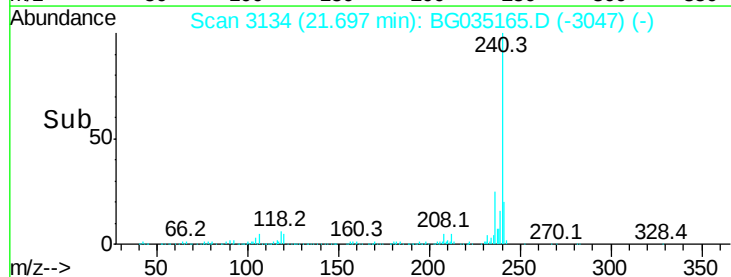
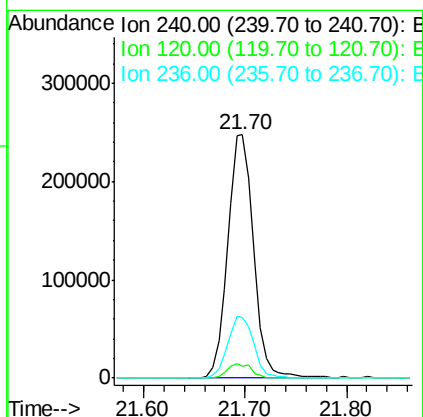
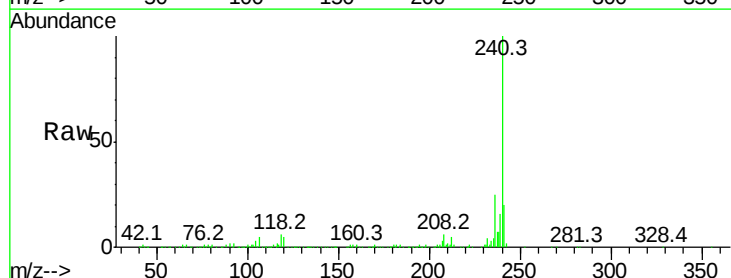
Instrument :
BNA_G
ClientSampleId :
SB-32COMP

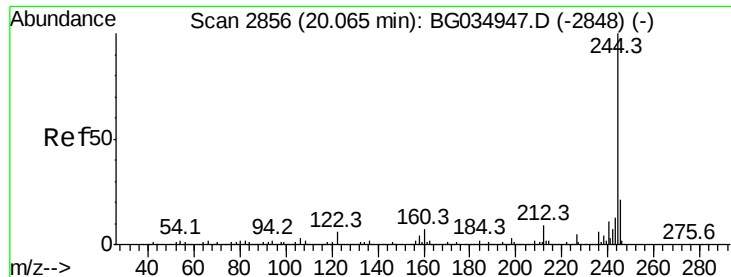
Tot Ion:188 Resp: 396142
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 8.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.02 min
Lab File: BG035165.D
Acq: 15 Jun 2018 9:23

Tgt Ion:240 Resp: 437197
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 24.9 20.9 31.3





#78

Terphenyl-d14

Concen: 91.954 ng

RT: 20.03 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035165.D

Acq: 15 Jun 2018 9:23

Instrument :

BNA_G

ClientSampleId :

SB-32COMP

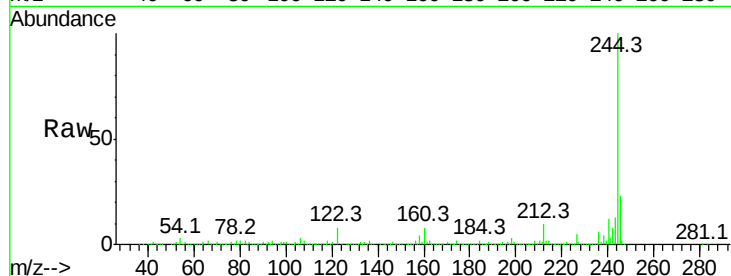
Tot Ion:244 Resp: 1919245

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

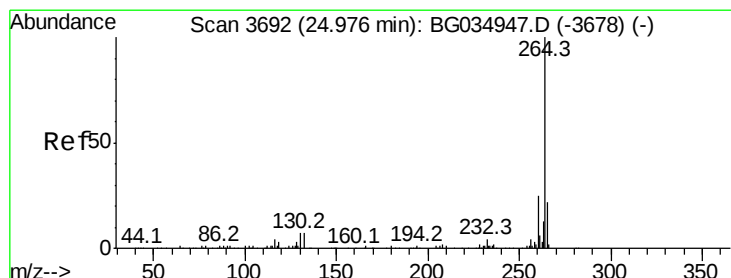
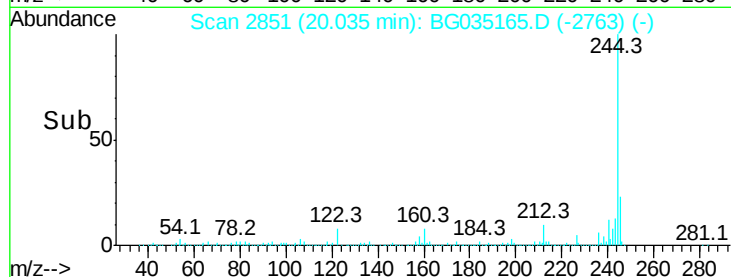
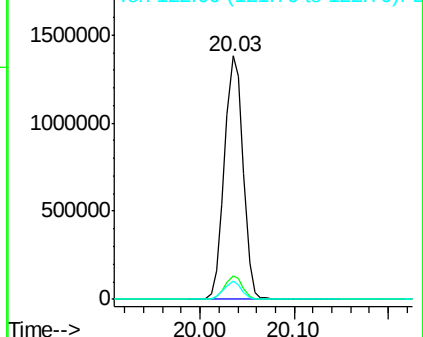
122 7.5 7.0 10.4



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: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035165.D

Acq: 15 Jun 2018 9:23

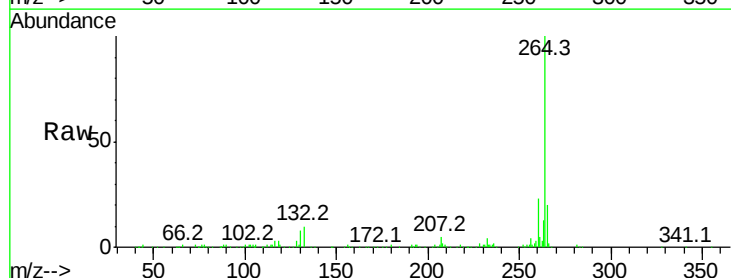
Tgt Ion:264 Resp: 382296

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.0 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

