

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035469.D
 Acq On : 28 Jun 2018 7:14
 Operator : JU/SJ
 Sample : J3048-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Quant Time: Jun 28 08:41:10 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	49193	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	176497	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	127723	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	330030	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	369728	20.00	ng	-0.04
86) Perylene-d12	24.91	264	318713	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	394979	135.50	ng	-0.01
7) Phenol-d6	7.22	99	523342	121.64	ng	0.00
23) Nitrobenzene-d5	9.21	82	412573	111.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	228334	139.65	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	946724	96.36	ng	-0.03
78) Terphenyl-d14	20.02	244	1685345	95.48	ng	-0.02

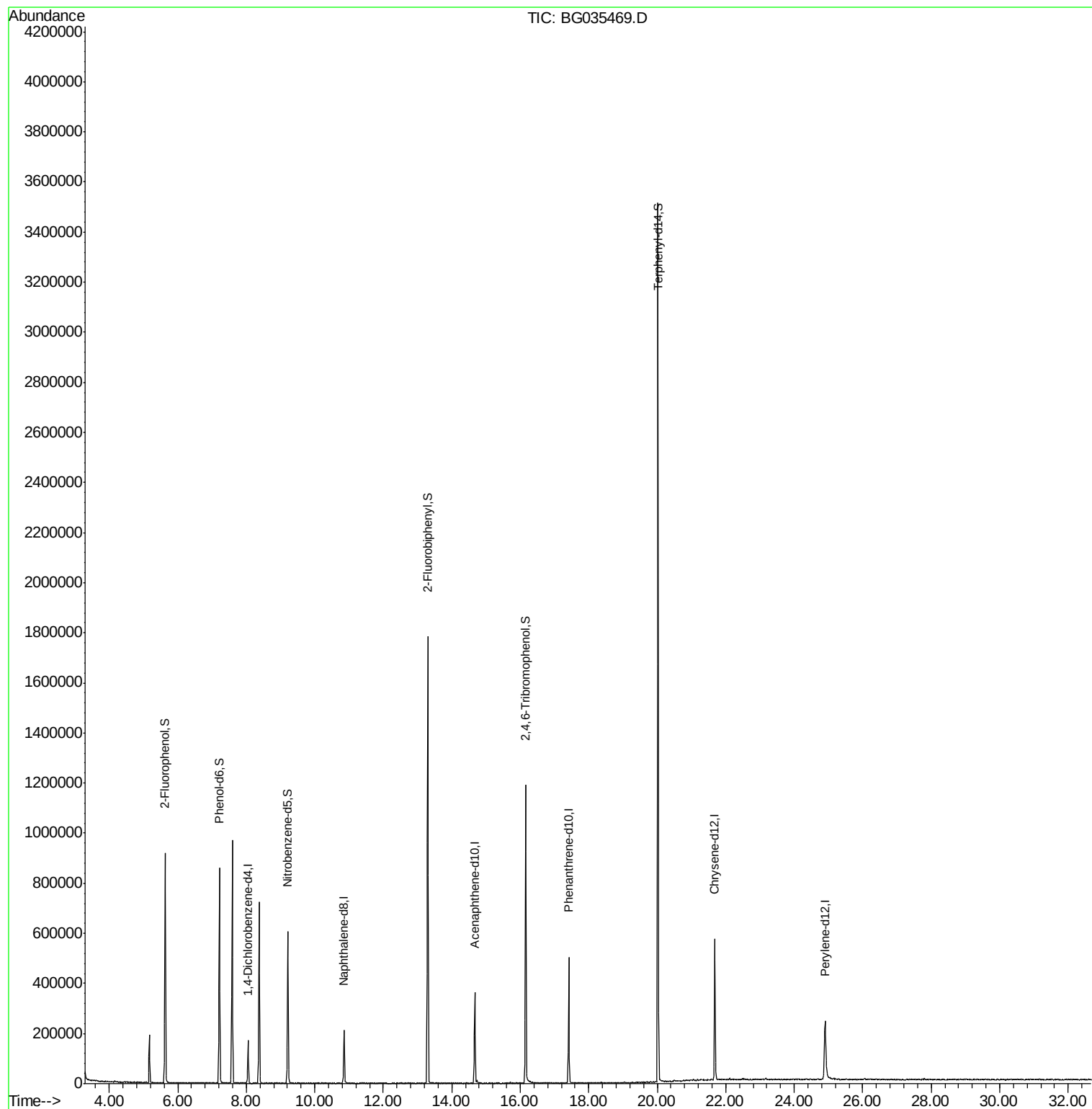
Target Compounds Qvalue

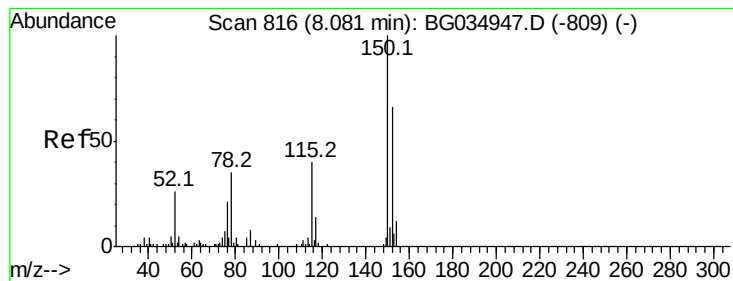
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.02 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-3-D

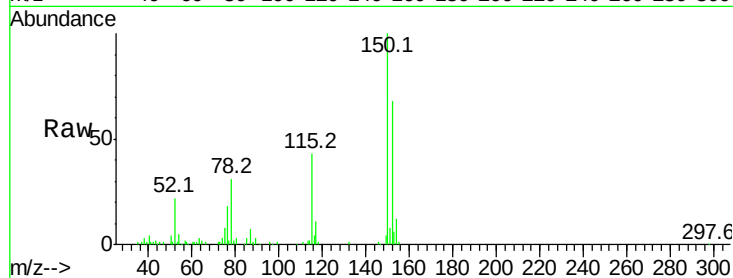
Tot Ion:152 Resp: 49193

Ion Ratio Lower Upper

152 100

150 147.8 126.6 189.8

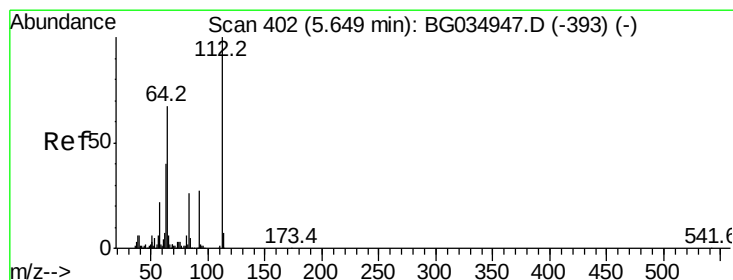
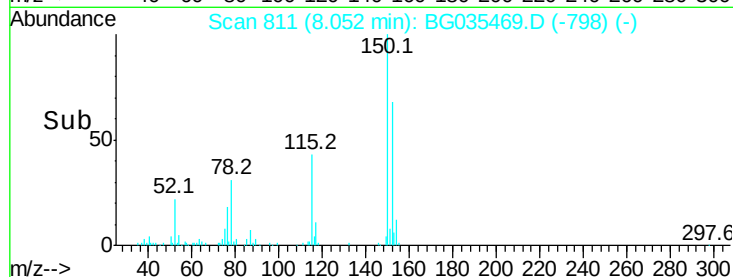
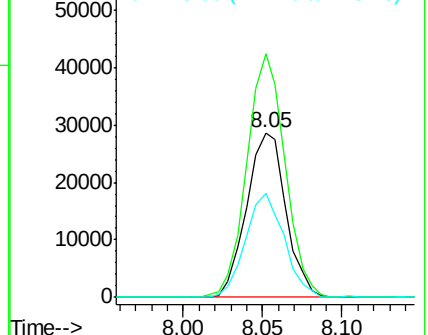
115 63.1 53.0 79.4



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: 135.501 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

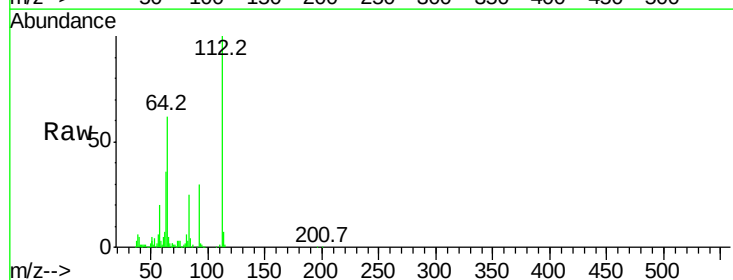
Tgt Ion:112 Resp: 394979

Ion Ratio Lower Upper

112 100

64 62.0 56.3 84.5

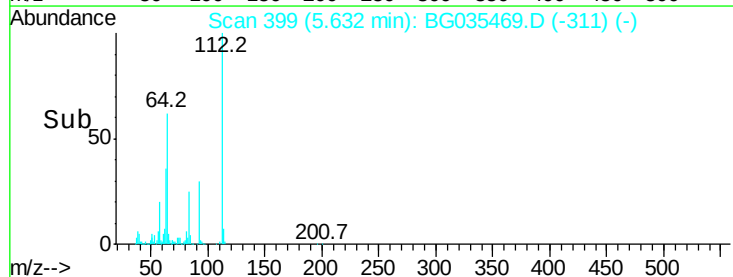
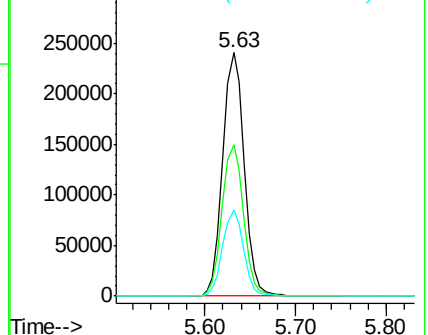
63 35.6 30.1 45.1

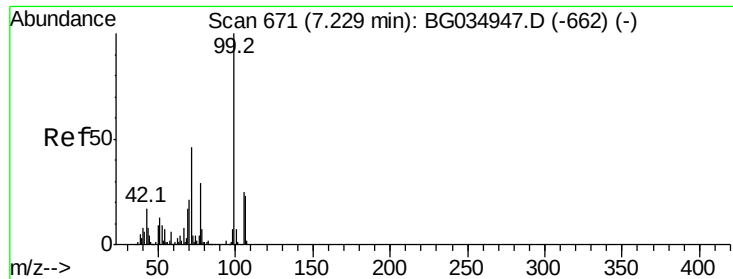


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.642 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-3-D

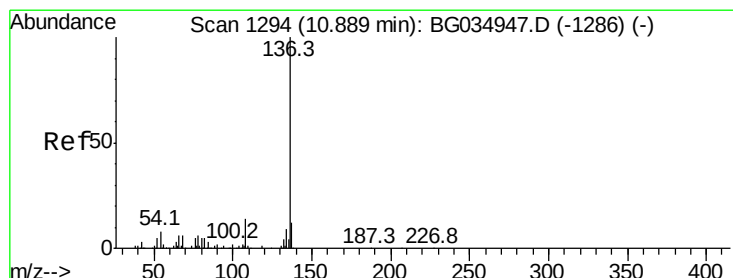
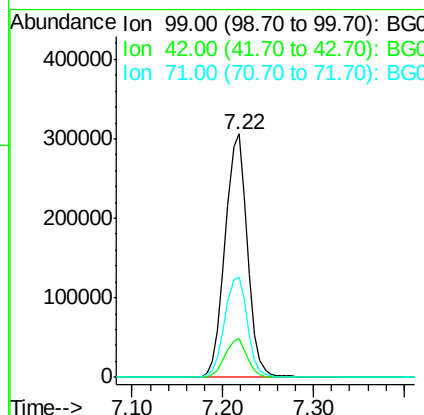
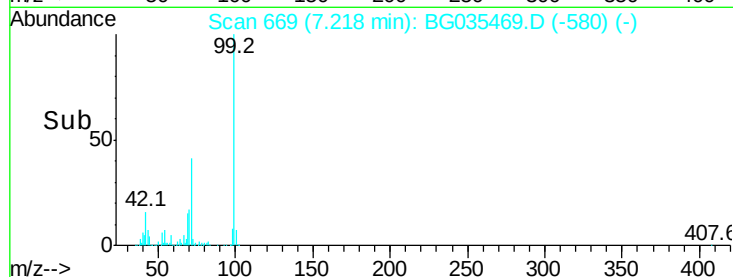
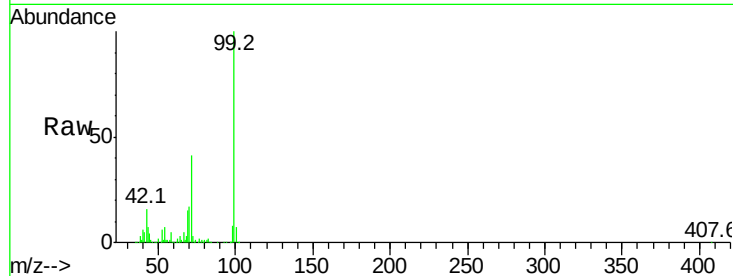
Tot Ion: 99 Resp: 523342

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 41.0 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: BG035469.D

Acq: 28 Jun 2018 7:14

Tgt Ion: 136 Resp: 176497

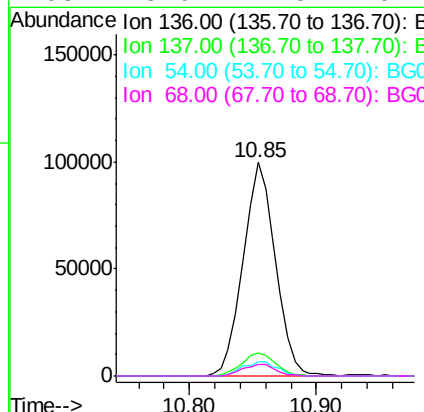
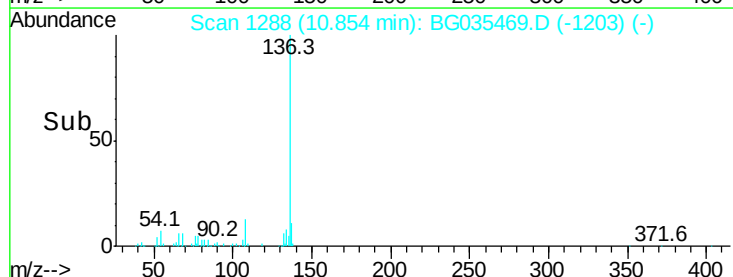
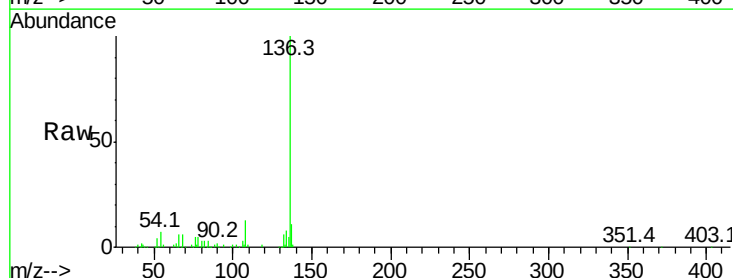
Ion Ratio Lower Upper

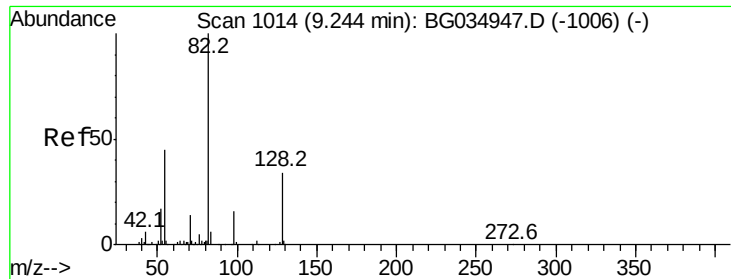
136 100

137 11.1 9.2 13.8

54 6.9 10.3 15.5#

68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 111.115 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-3-D

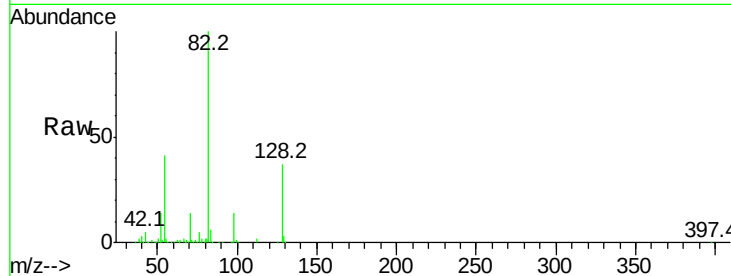
Tot Ion: 82 Resp: 412573

Ion Ratio Lower Upper

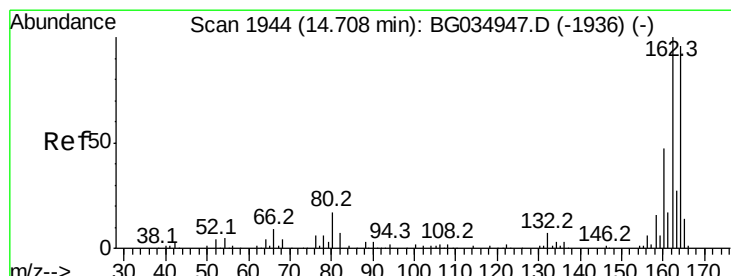
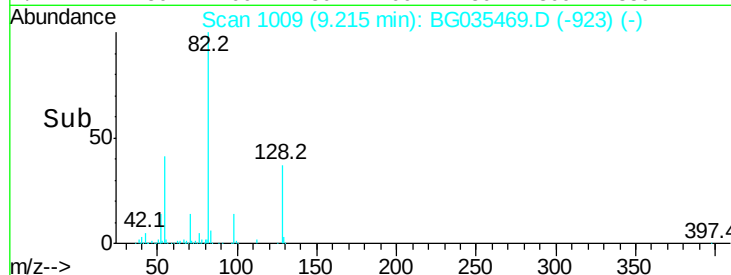
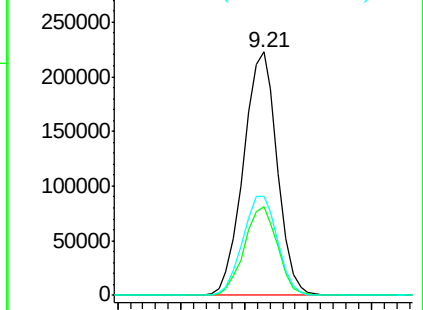
82 100

128 36.6 29.7 44.5

54 40.9 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: BG035469.D

Acq: 28 Jun 2018 7:14

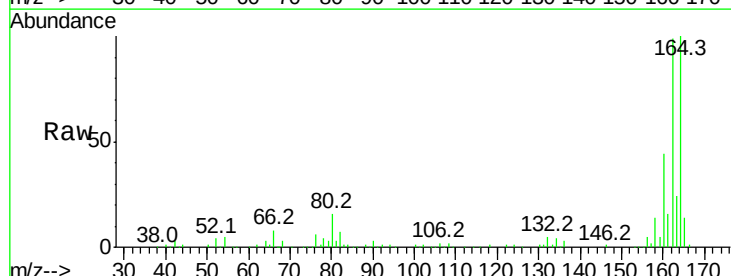
Tgt Ion:164 Resp: 127723

Ion Ratio Lower Upper

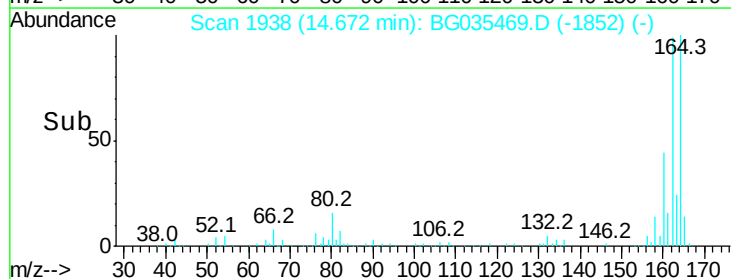
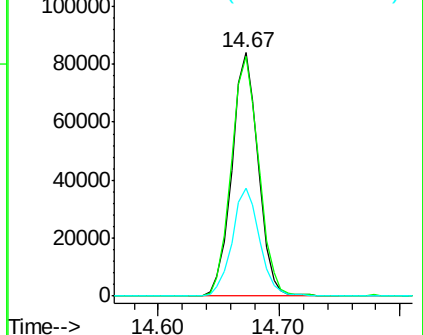
164 100

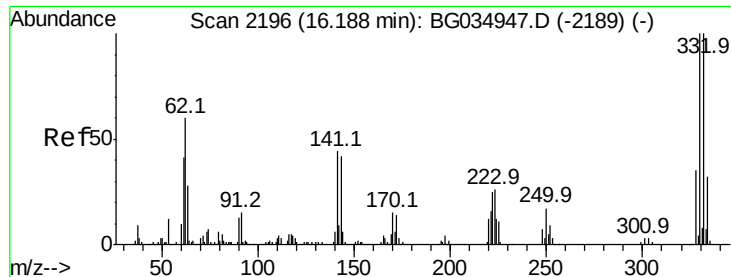
162 98.5 78.8 118.2

160 44.3 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

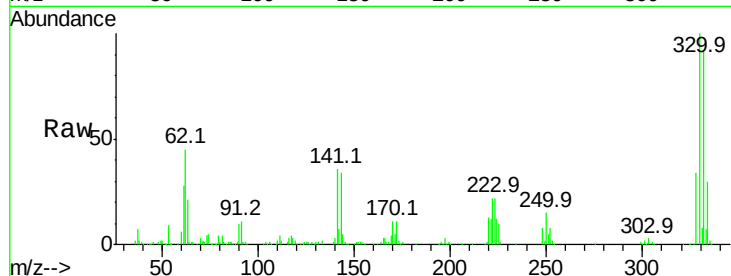




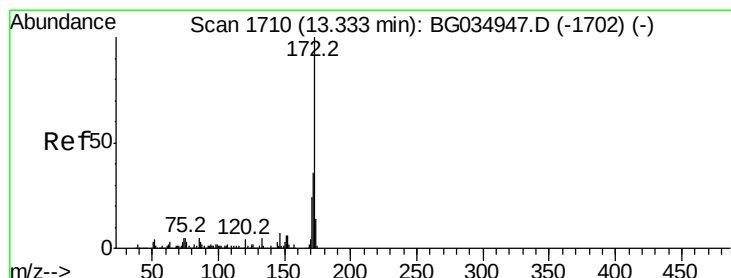
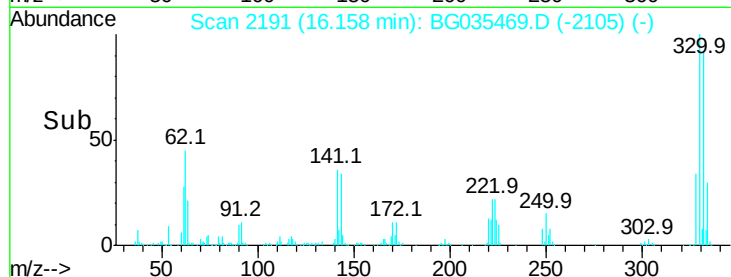
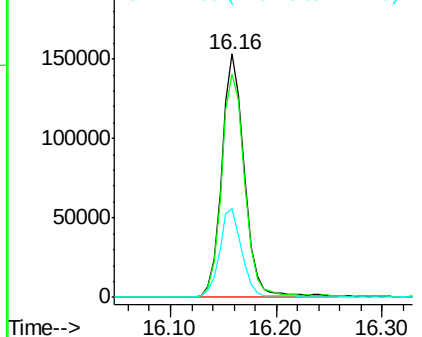
#41
 2,4,6-Tribromophenol
 Concen: 139.652 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035469.D
 Acq: 28 Jun 2018 7:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-3-D

Tot Ion:330 Resp: 228334
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 36.5 25.2 37.8

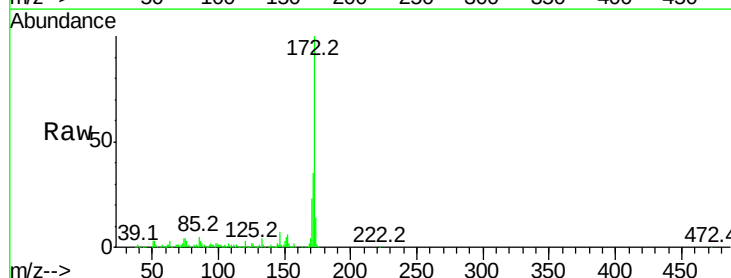


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

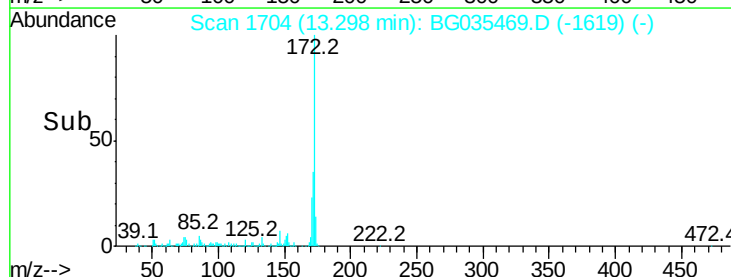
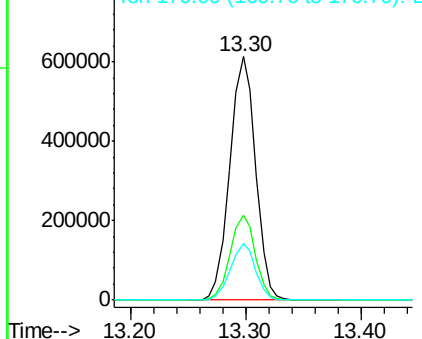


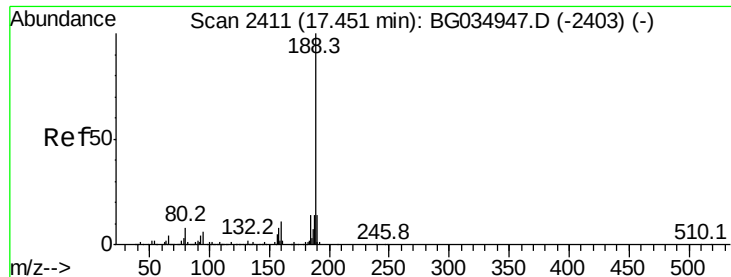
#44
 2-Fluorobiphenyl
 Concen: 96.360 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035469.D
 Acq: 28 Jun 2018 7:14

Tgt Ion:172 Resp: 946724
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 23.4 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: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampled :

TP-3-D

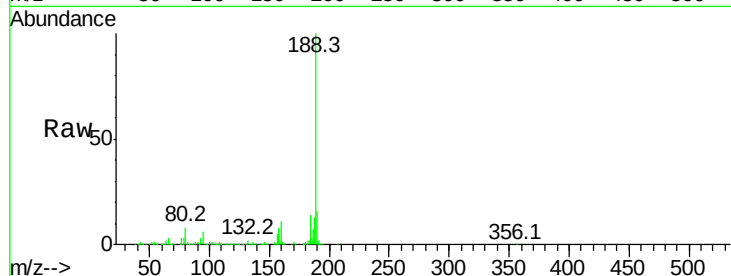
Tot Ion:188 Resp: 330030

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

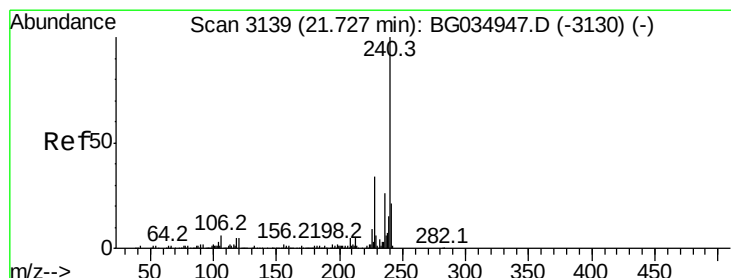
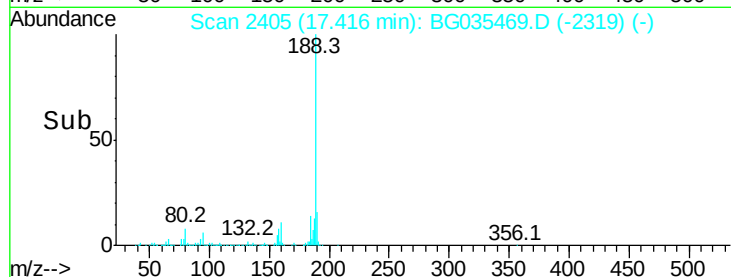
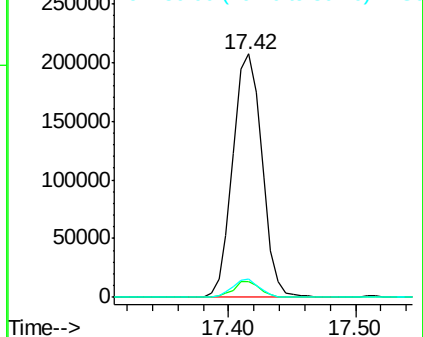
80 7.8 7.7 11.5



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: BG035469.D

Acq: 28 Jun 2018 7:14

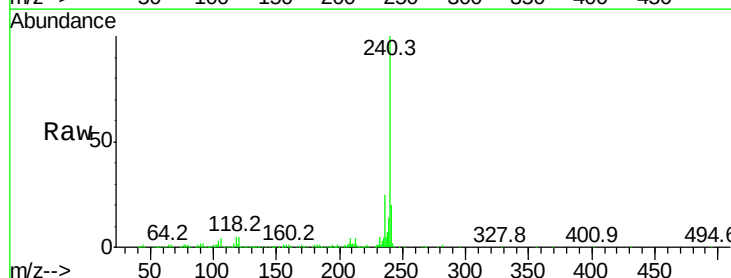
Tgt Ion:240 Resp: 369728

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

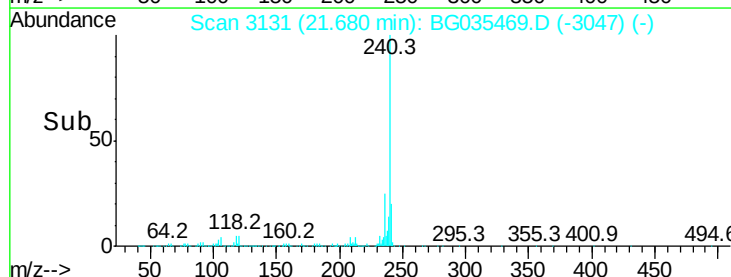
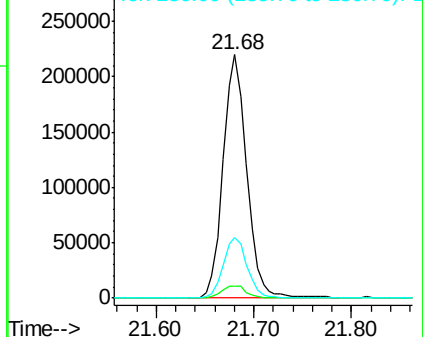
236 25.1 20.9 31.3

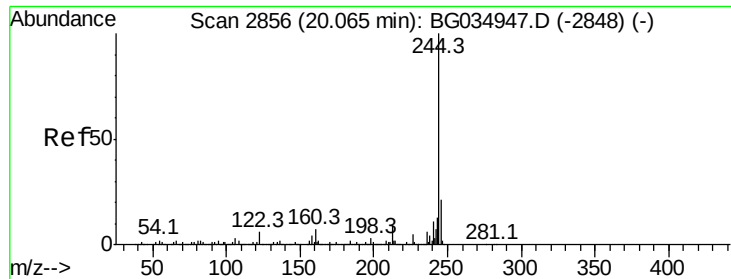


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.482 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

Instrument :

BNA_G

ClientSampleId :

TP-3-D

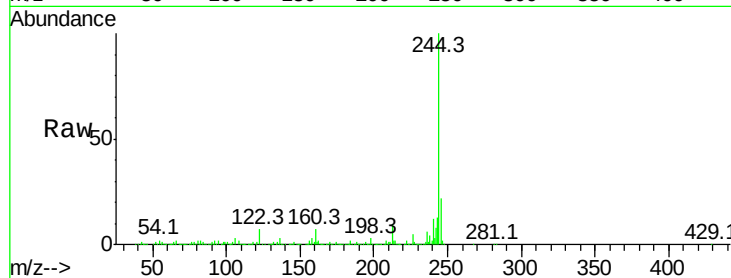
Tot Ion:244 Resp: 1685345

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

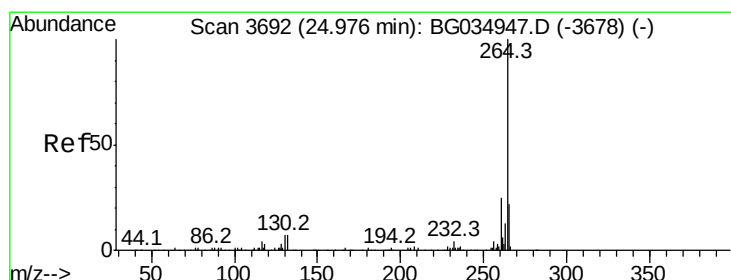
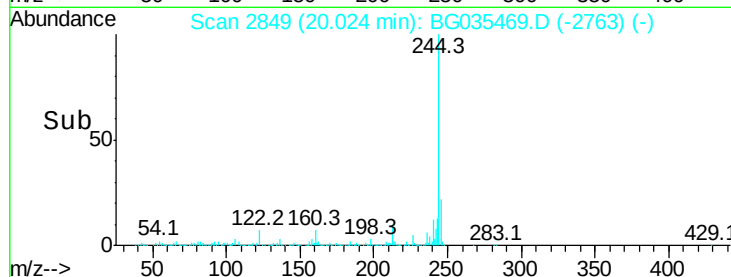
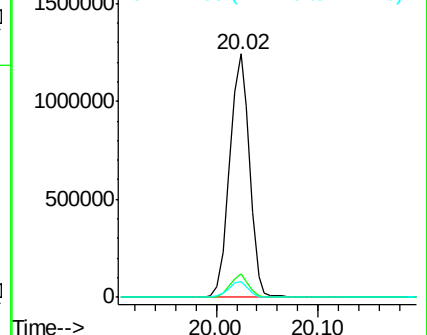
122 6.6 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035469.D

Acq: 28 Jun 2018 7:14

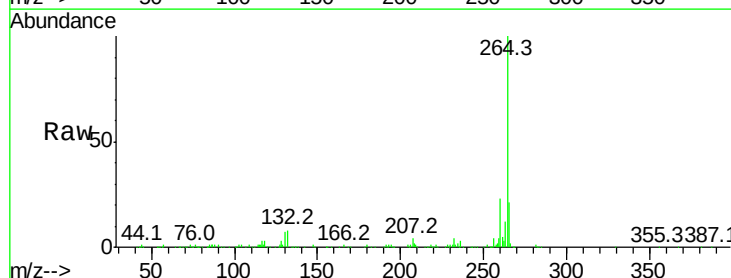
Tgt Ion:264 Resp: 318713

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.0 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

