

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035228.D
 Acq On : 18 Jun 2018 21:07
 Operator : SJ/JU
 Sample : PB110293BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110293BL

Quant Time: Jun 19 06:35:30 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	8.06	152	45464	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	164043	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	116458	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	364287	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	480214	20.00	ng	-0.02
86) Perylene-d12	24.92	264	414180	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	387573	143.87	ng	0.00
7) Phenol-d6	7.22	99	555888	139.80	ng	0.00
23) Nitrobenzene-d5	9.22	82	353468	102.42	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	277230	185.96	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	832899	92.97	ng	-0.02
78) Terphenyl-d14	20.04	244	2254059	98.32	ng	-0.01

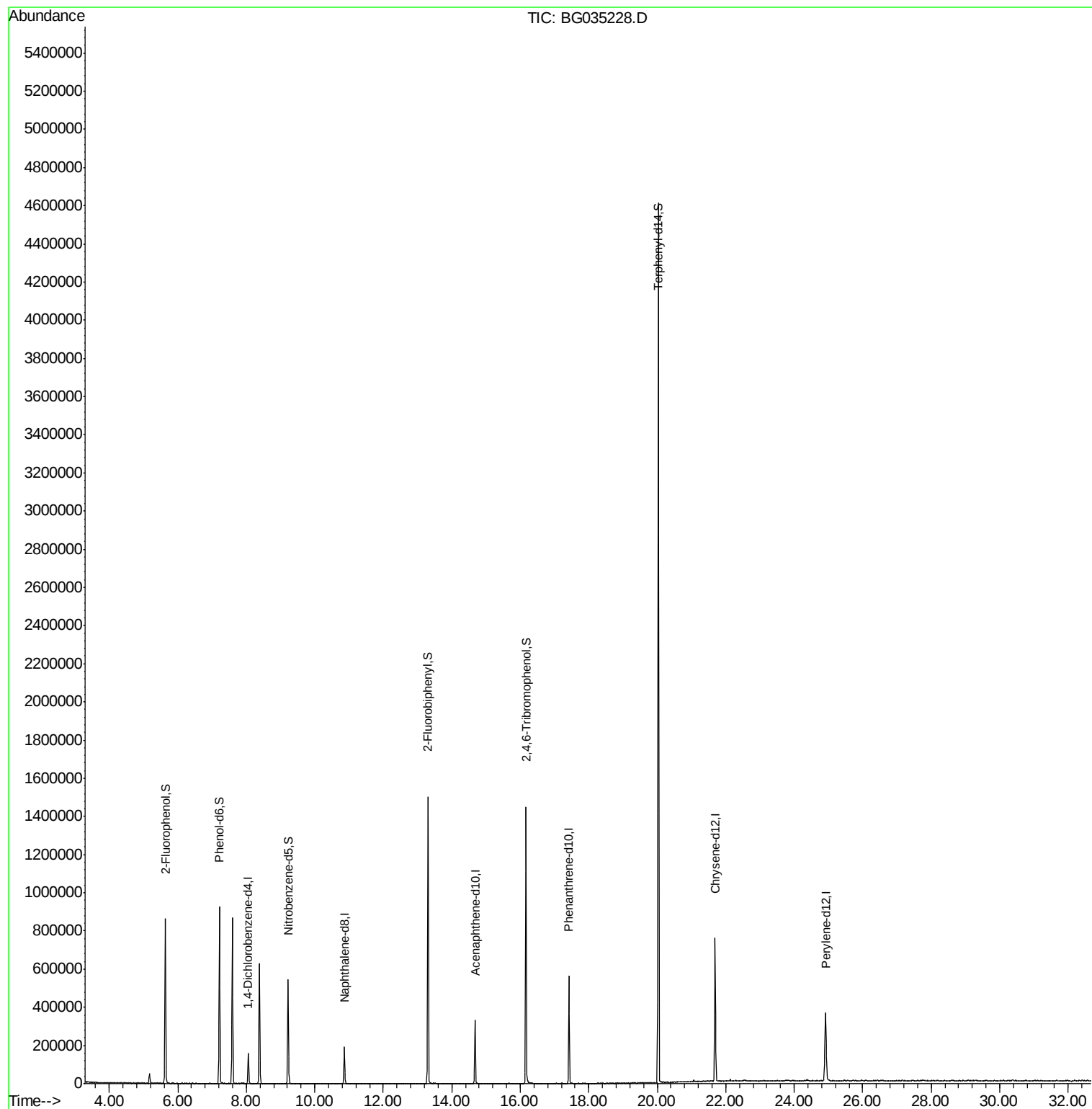
Target Compounds Qvalue

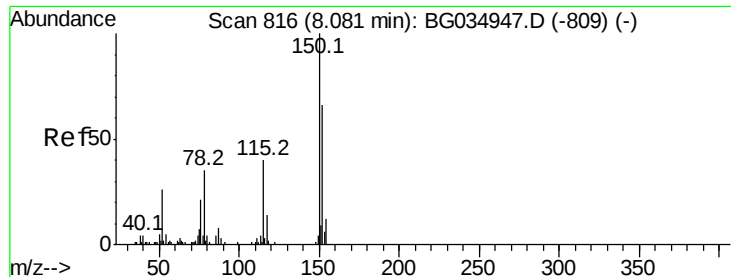
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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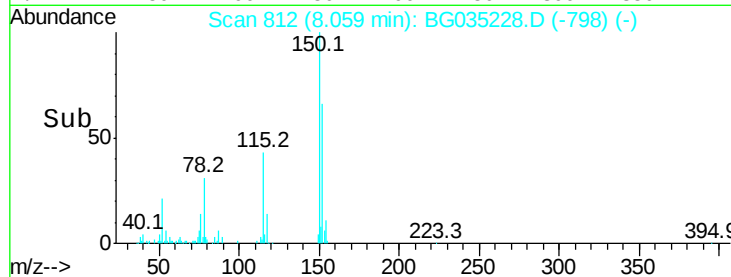
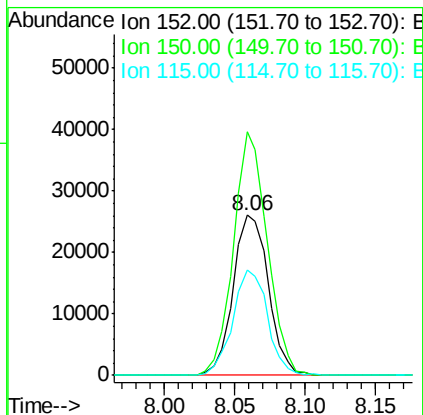
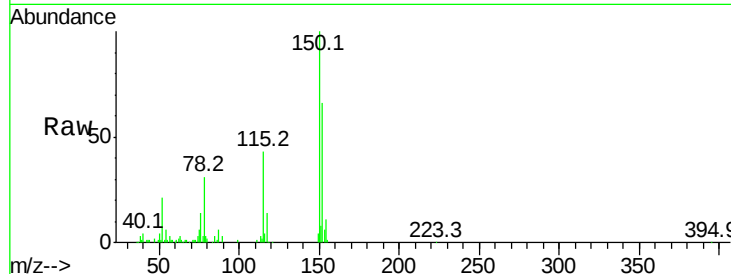


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Instrument :
BNA_G
ClientSampleId :
PB110293BL

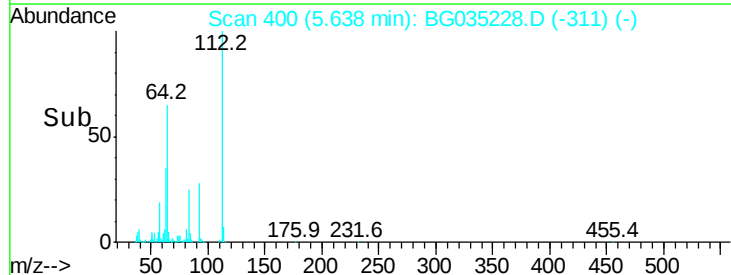
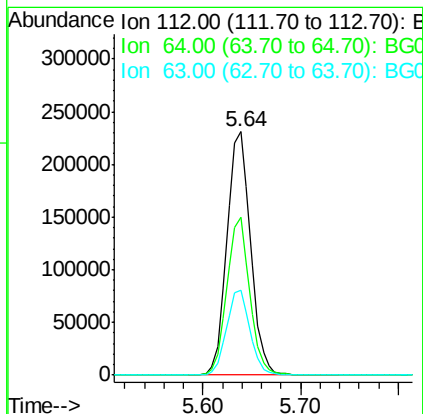
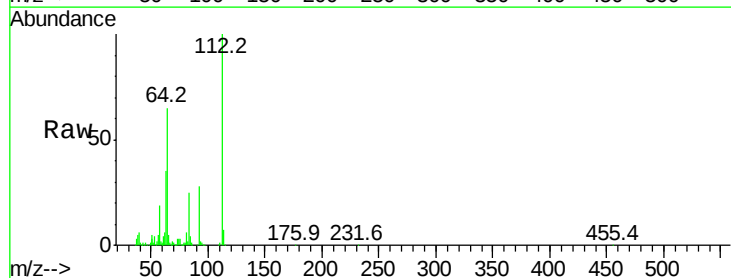
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	65.4	53.0	79.4

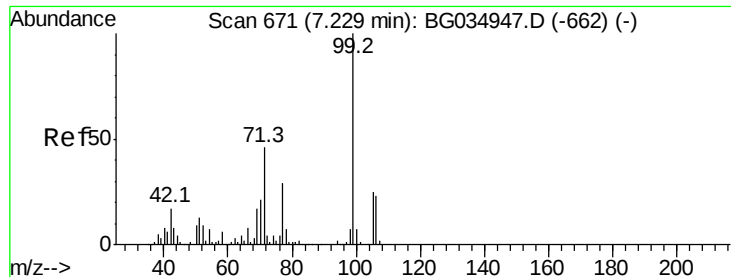


#5

2-Fluorophenol
Concen: 143.866 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035228.D
Acq: 18 Jun 2018 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	56.3	84.5
63	35.0	30.1	45.1





#7

Phenol-d6

Concen: 139.805 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Instrument :

BNA_G

ClientSampleId :

PB110293BL

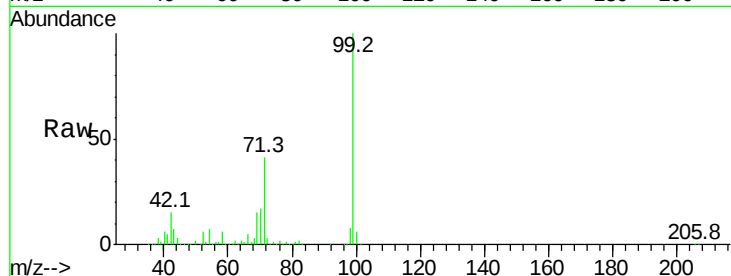
Tot Ion: 99 Resp: 555888

Ion Ratio Lower Upper

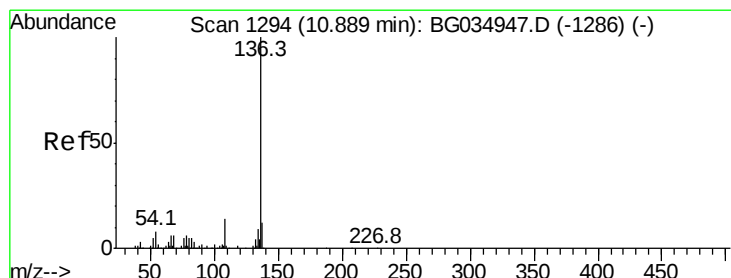
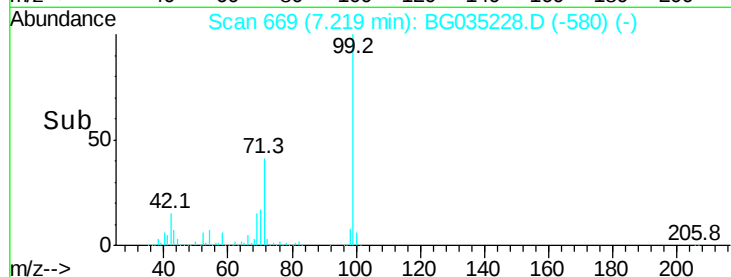
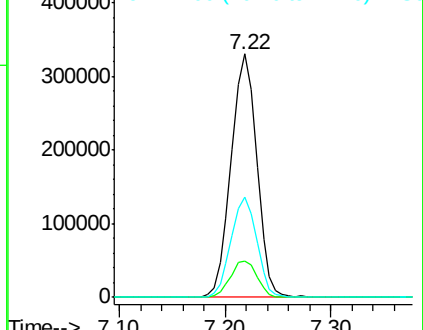
99 100

42 14.8 14.1 21.1

71 41.3 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# 1290

Delta R.T. -0.02 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Tgt Ion: 136 Resp: 164043

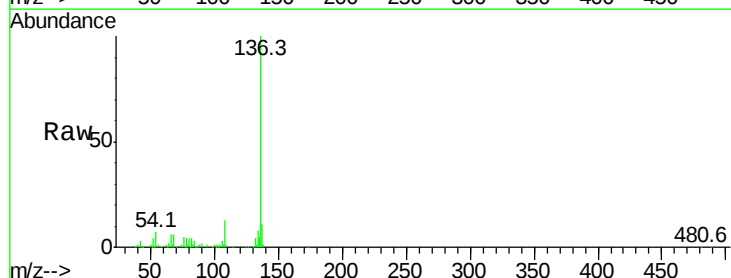
Ion Ratio Lower Upper

136 100

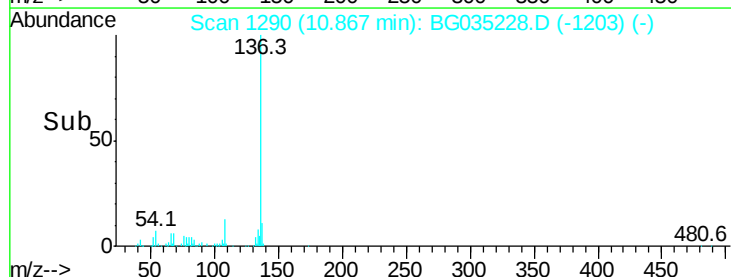
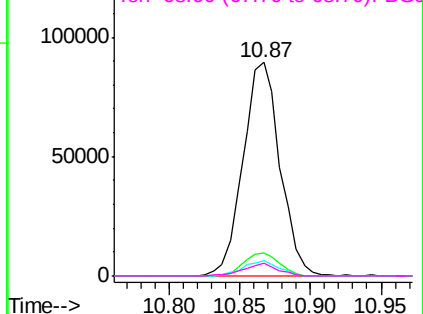
137 10.7 9.2 13.8

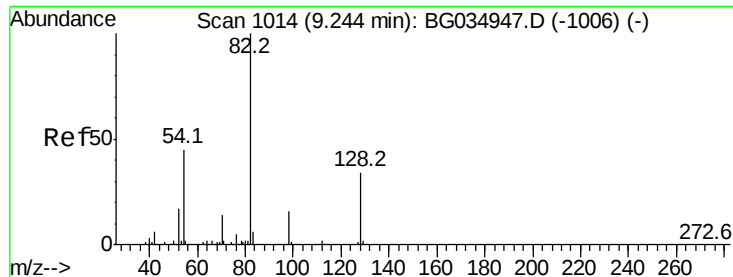
54 7.1 10.3 15.5#

68 5.8 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: 102.424 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Instrument :

BNA_G

ClientSampleId :

PB110293BL

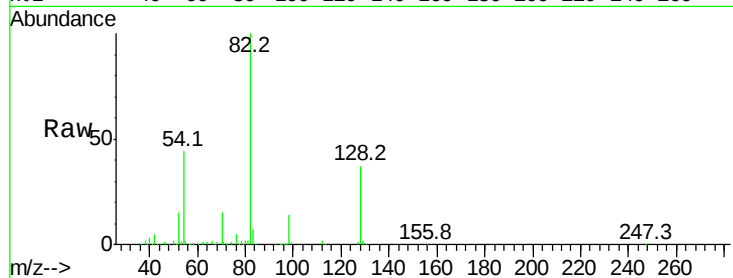
Tot Ion: 82 Resp: 353468

Ion Ratio Lower Upper

82 100

128 36.7 29.7 44.5

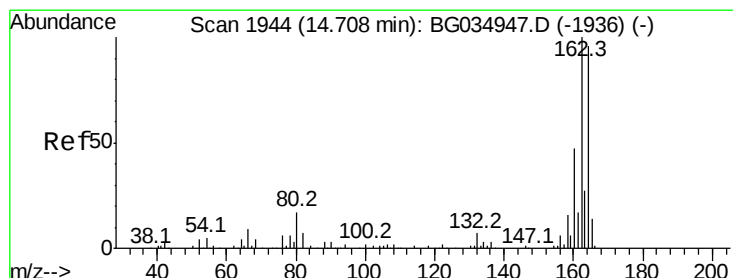
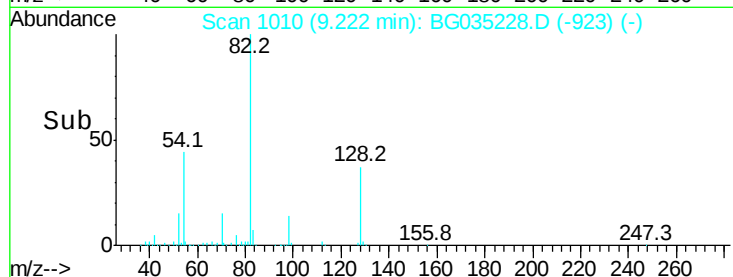
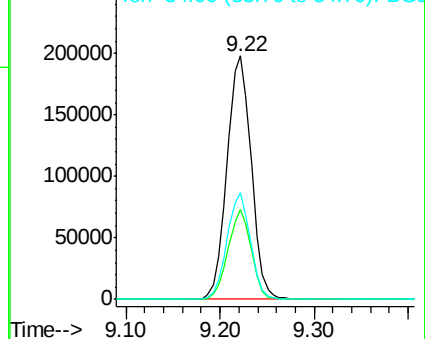
54 43.8 43.1 64.7



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: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

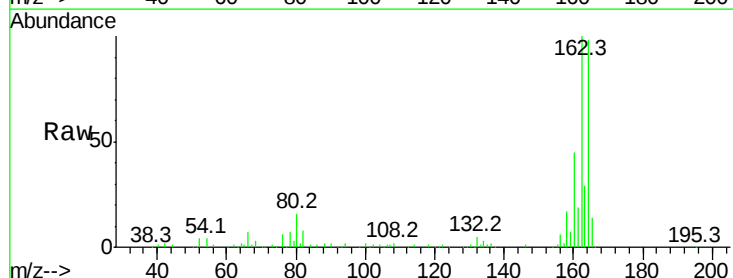
Tgt Ion: 164 Resp: 116458

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

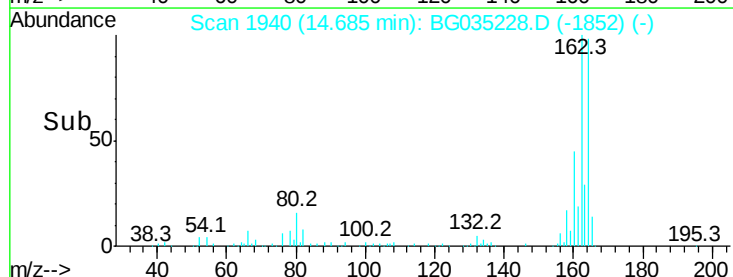
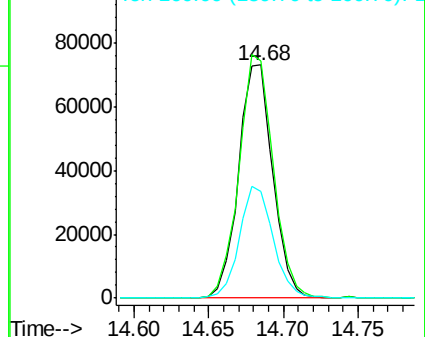
160 45.6 35.4 53.0

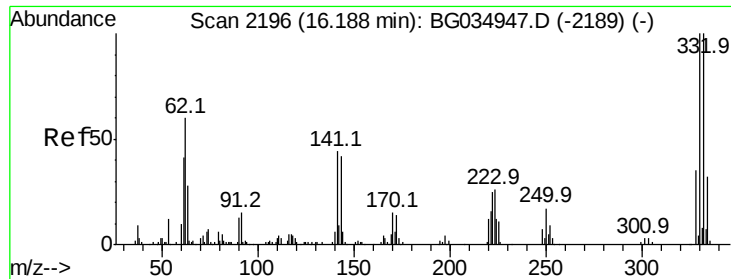


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

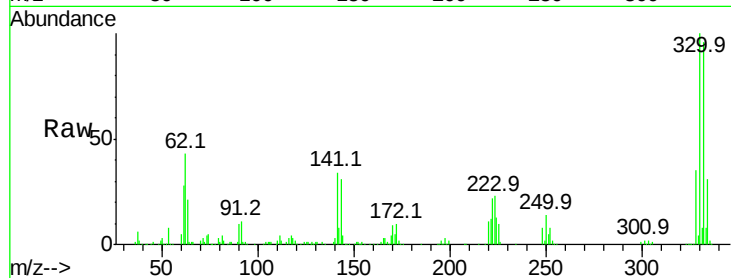




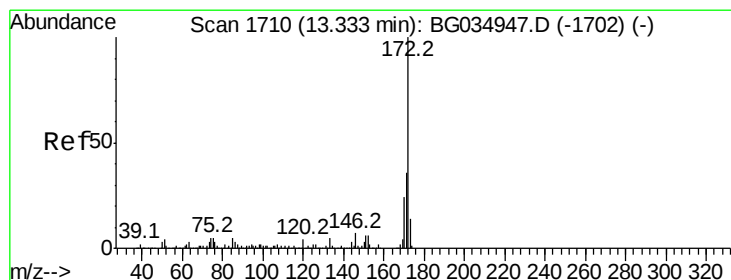
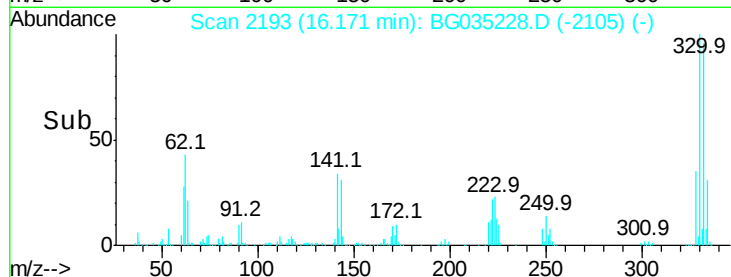
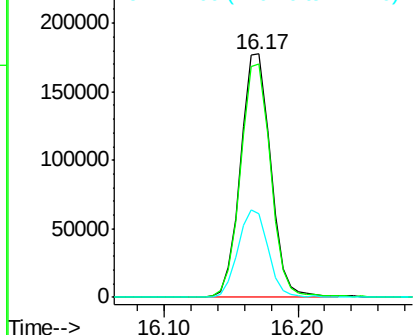
#41
 2,4,6-Tribromophenol
 Concen: 185.959 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

Instrument :
 BNA_G
 ClientSampleId :
 PB110293BL

Tot Ion:330 Resp: 277230
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 35.8 25.2 37.8

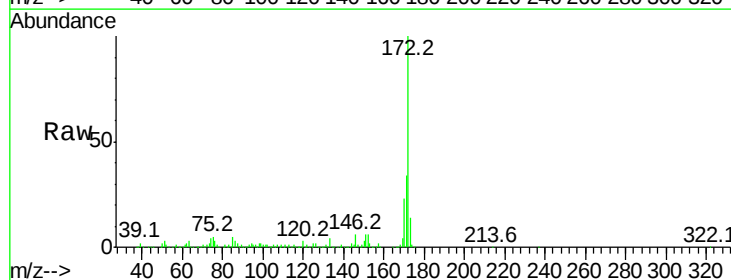


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

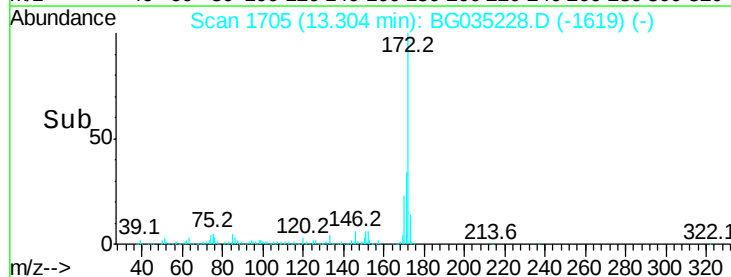
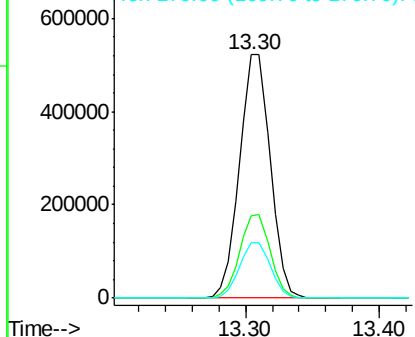


#44
 2-Fluorobiphenyl
 Concen: 92.975 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035228.D
 Acq: 18 Jun 2018 21:07

Tgt Ion:172 Resp: 832899
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.0 45.0
 170 22.7 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# 2406

Delta R.T. -0.02 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Instrument :

BNA_G

ClientSampleId :

PB110293BL

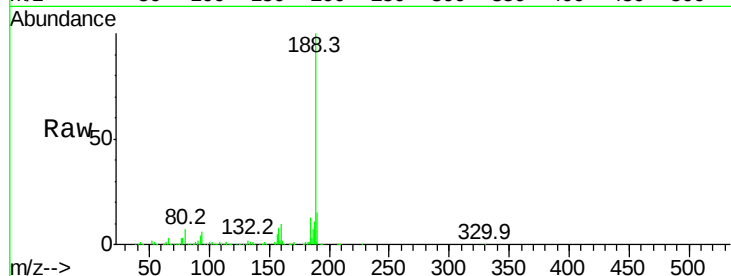
Tot Ion:188 Resp: 364287

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

80 7.4 7.7 11.5#



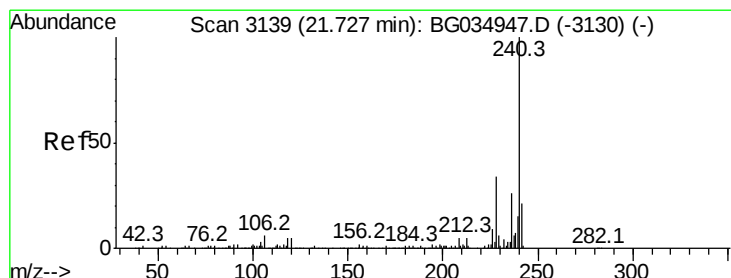
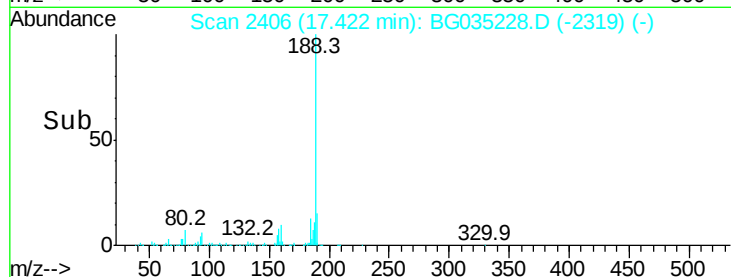
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.42

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

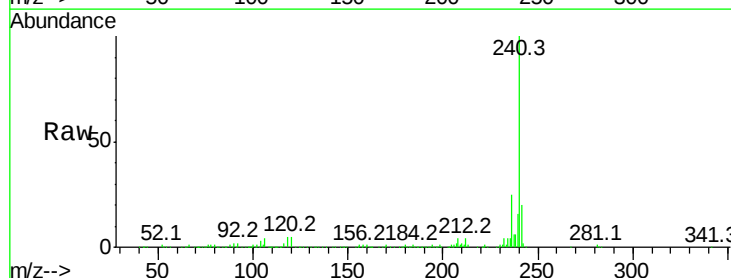
Tgt Ion:240 Resp: 480214

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

236 24.7 20.9 31.3



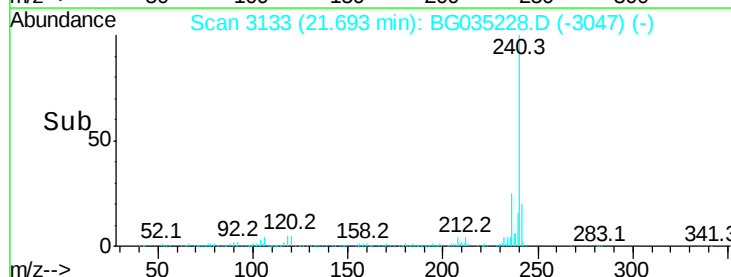
Abundance Ion 240.00 (239.70 to 240.70): E

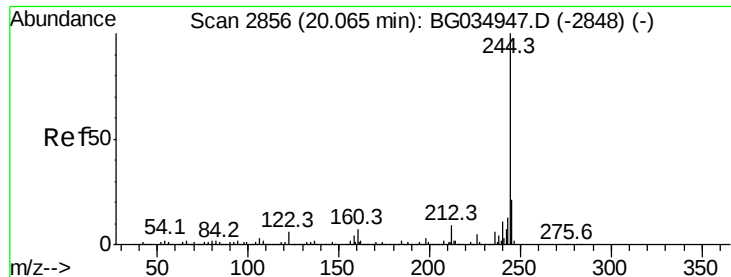
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.69

Time-->





#78

Terphenyl-d14

Concen: 98.321 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

Instrument :

BNA_G

ClientSampleId :

PB110293BL

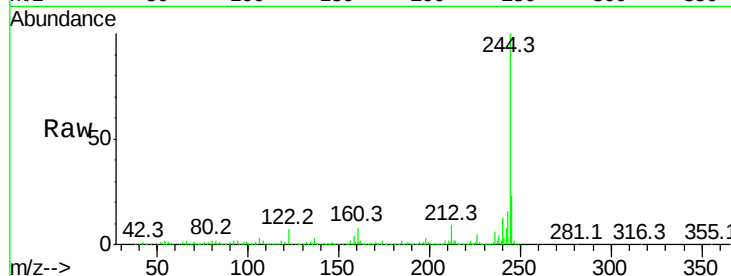
Tot Ion:244 Resp: 2254059

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

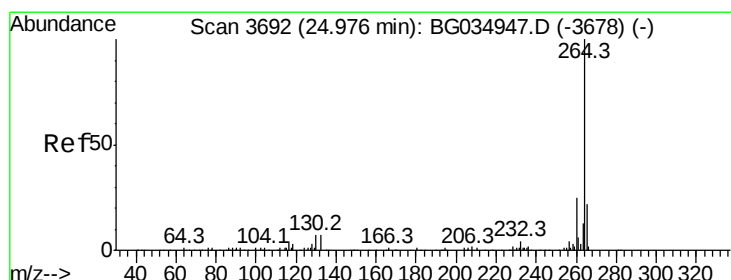
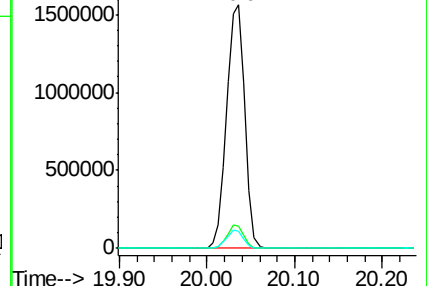
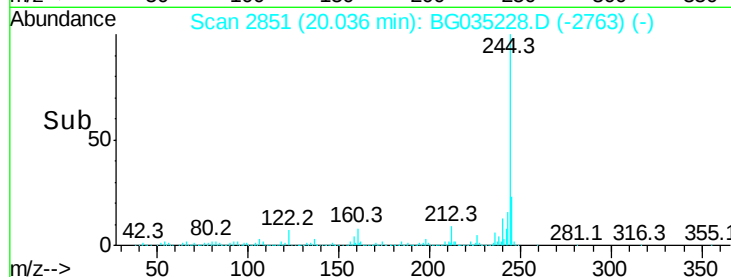
122 6.8 7.0 10.4#



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: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035228.D

Acq: 18 Jun 2018 21:07

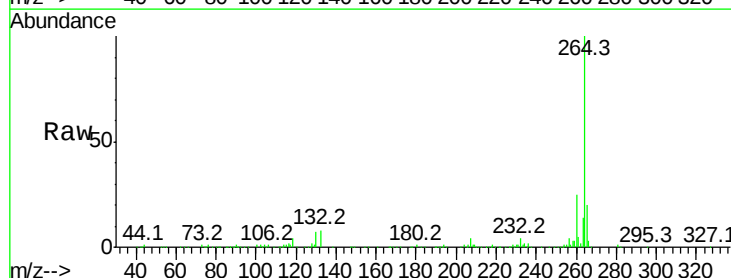
Tgt Ion:264 Resp: 414180

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 19.8 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

