

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035300.D
 Acq On : 21 Jun 2018 15:23
 Operator : JU/SJ
 Sample : J3575-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Quant Time: Jun 21 16:10:28 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	49212	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	174001	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	121972	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	330085	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	373345	20.00	ng	-0.03
86) Perylene-d12	24.91	264	355208	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	392266	134.52	ng	0.00
7) Phenol-d6	7.21	99	513346	119.27	ng	-0.01
23) Nitrobenzene-d5	9.22	82	401598	109.71	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	282276	180.78	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	889479	94.80	ng	-0.02
78) Terphenyl-d14	20.03	244	1735127	97.35	ng	-0.02

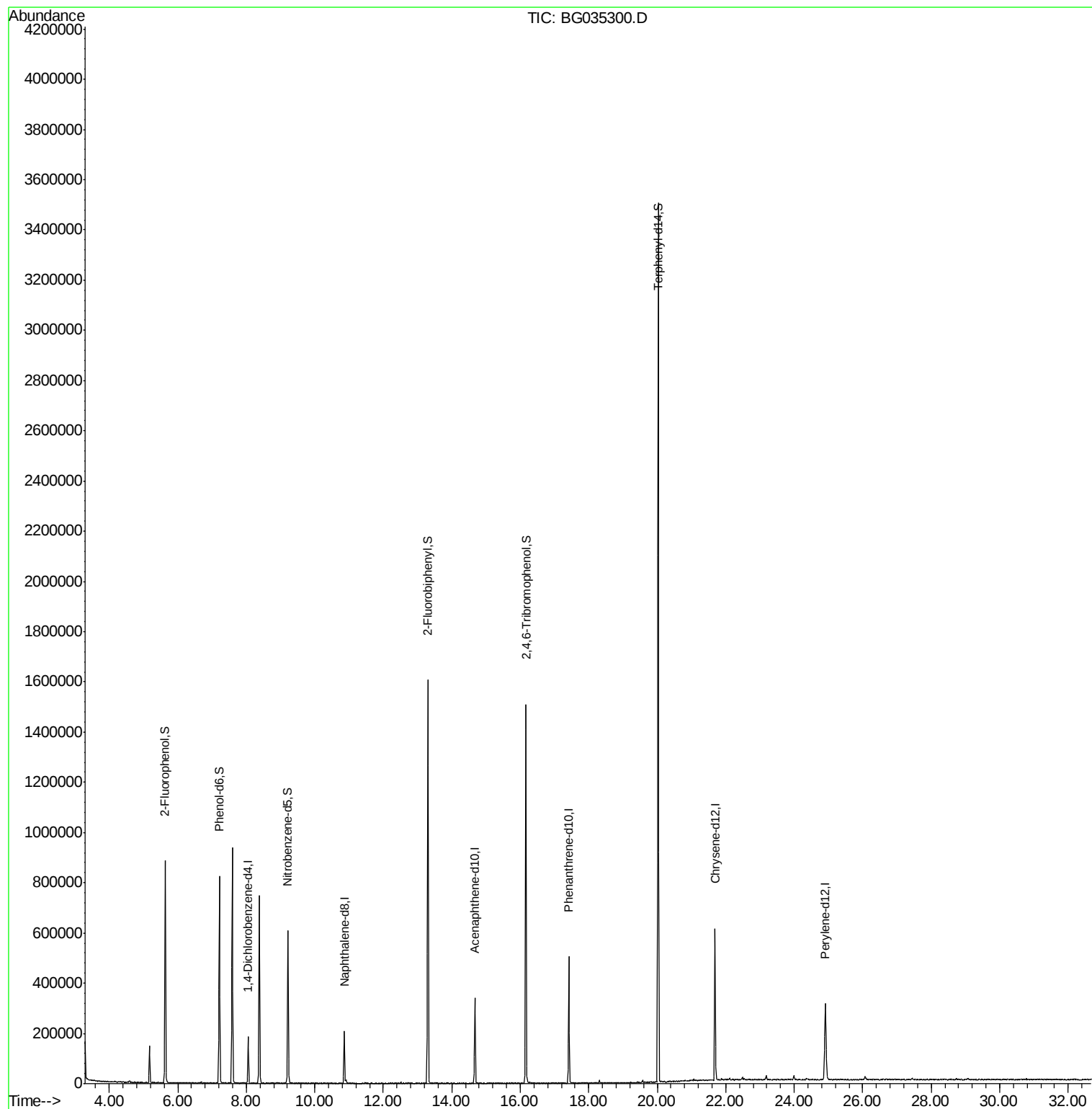
Target Compounds Qvalue

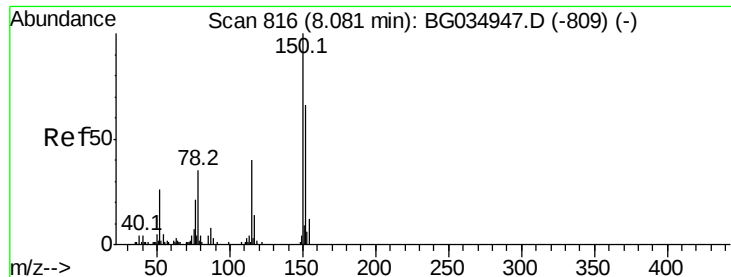
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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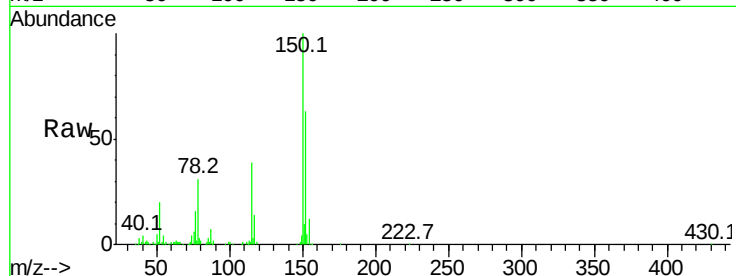


#1

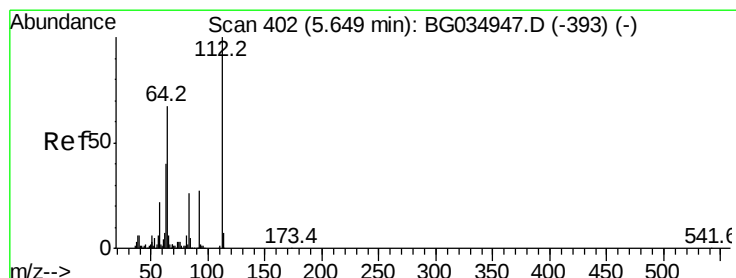
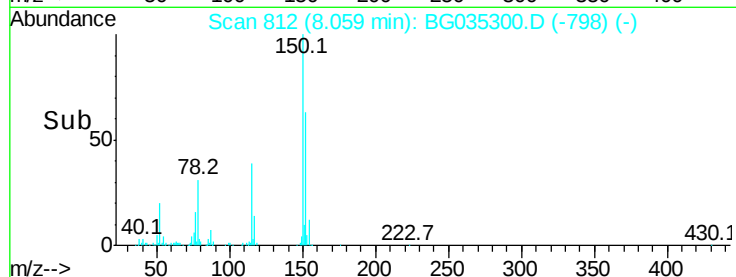
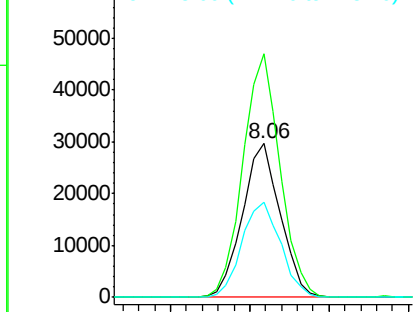
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035300.D
Acq: 21 Jun 2018 15:23

Instrument :
BNA_G
ClientSampleId :
TP-11-S

Tot Ion:152 Resp: 49212
Ion Ratio Lower Upper
152 100
150 158.2 126.6 189.8
115 62.0 53.0 79.4



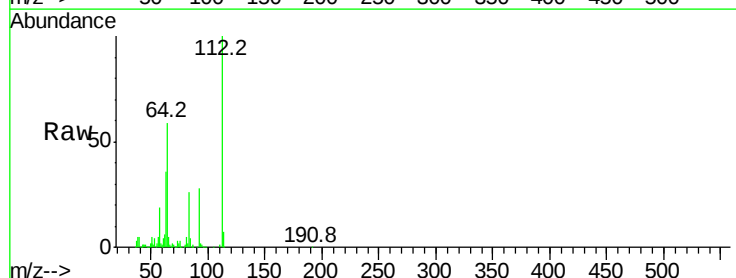
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



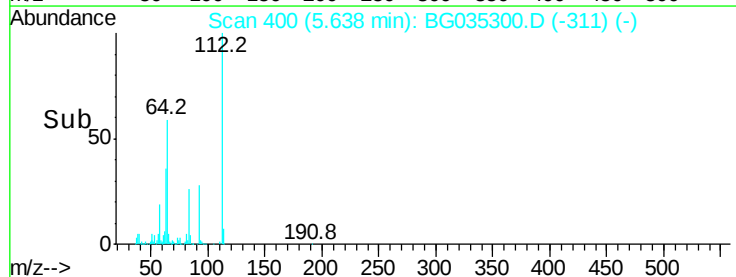
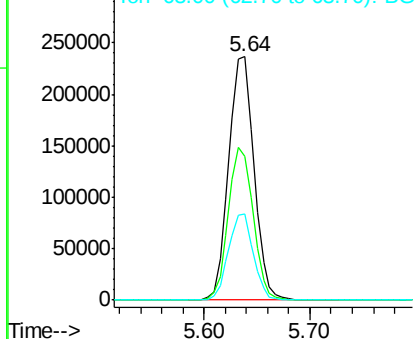
#5

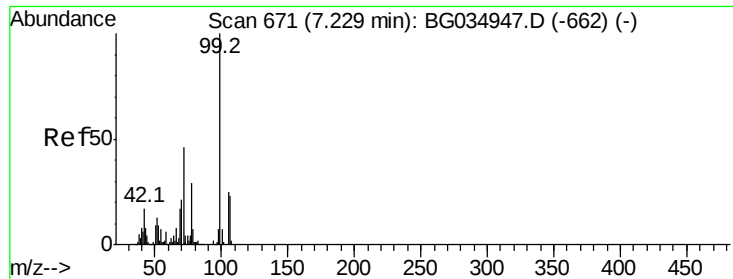
2-Fluorophenol
Concen: 134.518 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035300.D
Acq: 21 Jun 2018 15:23

Tgt Ion:112 Resp: 392266
Ion Ratio Lower Upper
112 100
64 59.1 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: 119.273 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

Instrument :

BNA_G

ClientSampleId :

TP-11-S

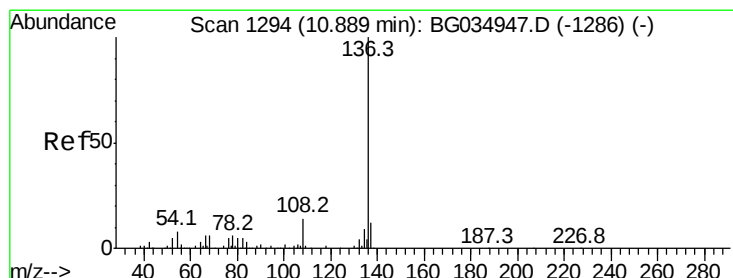
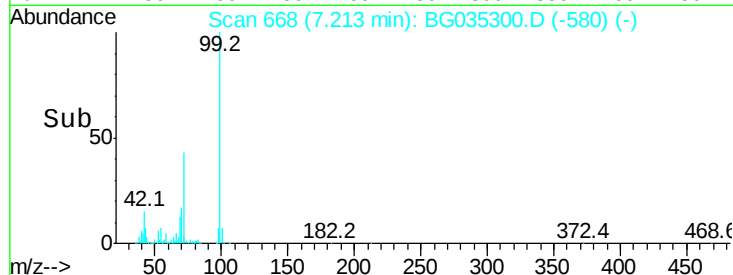
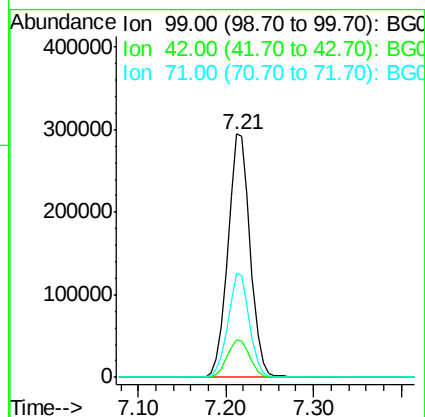
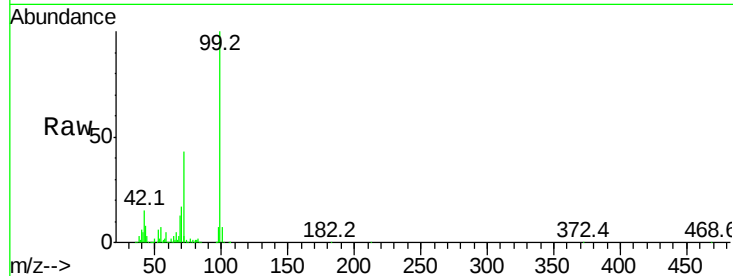
Tot Ion: 99 Resp: 513346

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 42.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

Tgt Ion: 136 Resp: 174001

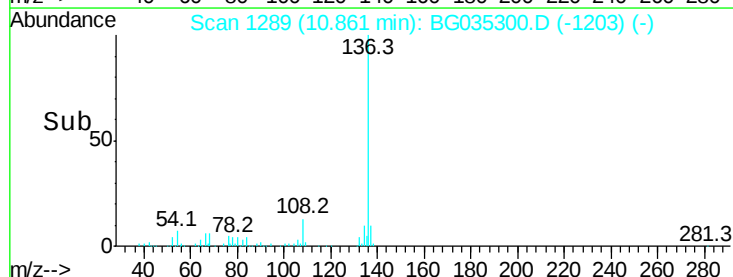
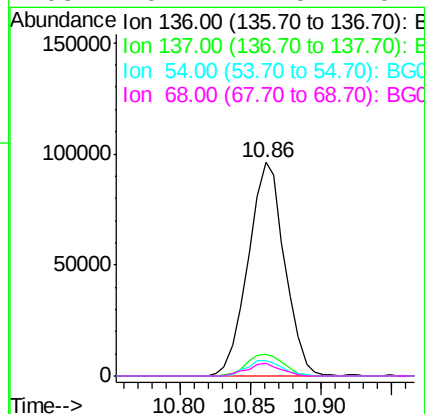
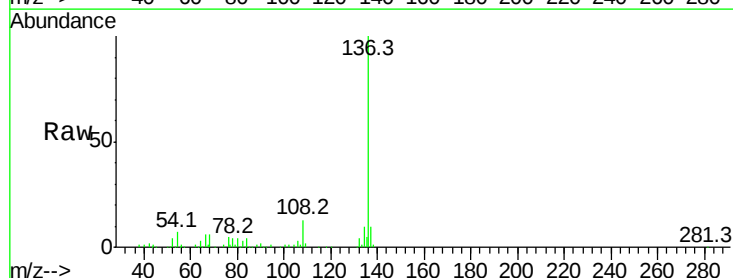
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.9 10.3 15.5#

68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 109.710 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

Instrument :

BNA_G

ClientSampleId :

TP-11-S

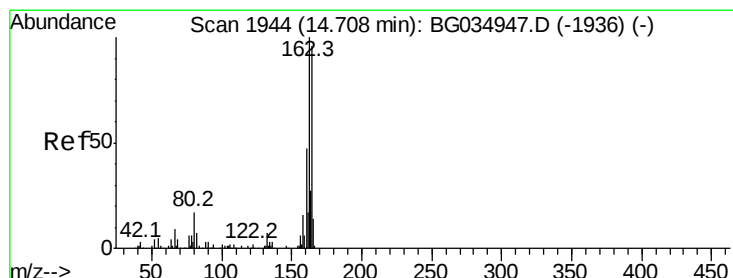
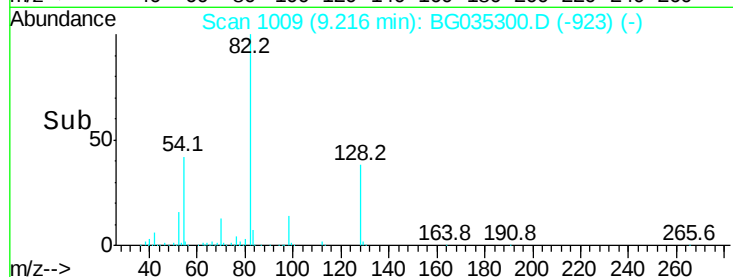
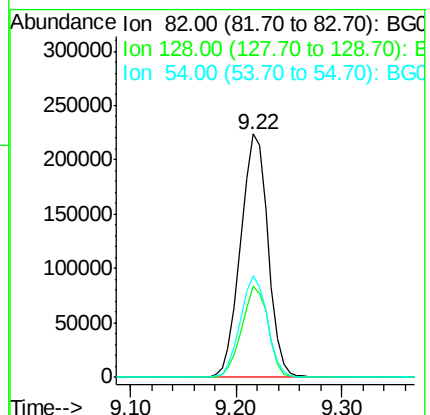
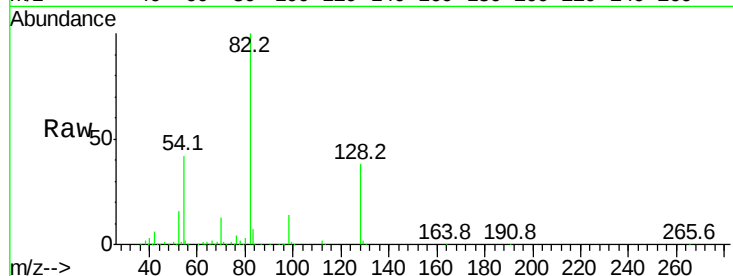
Tot Ion: 82 Resp: 401598

Ion Ratio Lower Upper

82 100

128 37.7 29.7 44.5

54 41.8 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

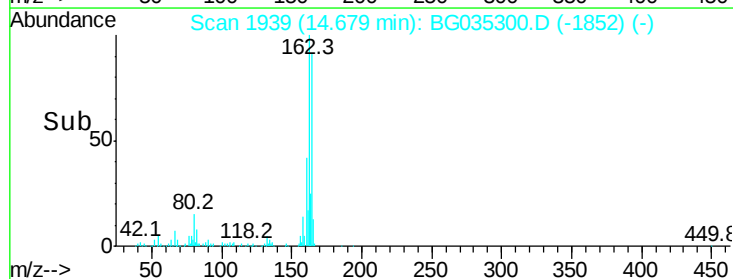
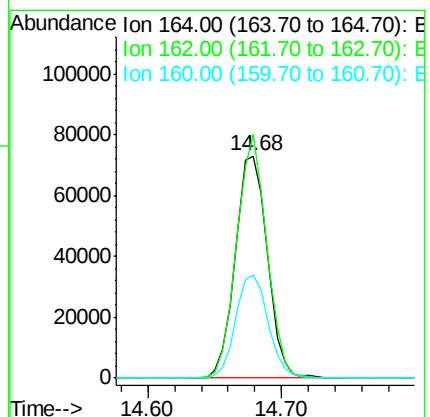
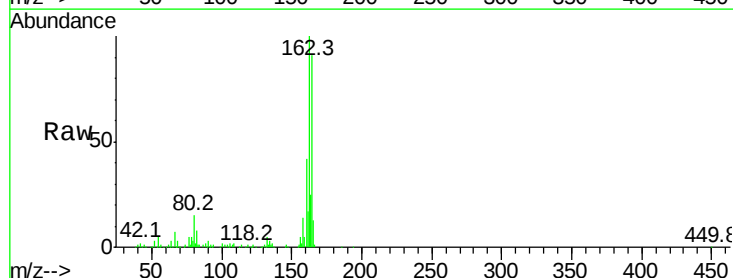
Tgt Ion:164 Resp: 121972

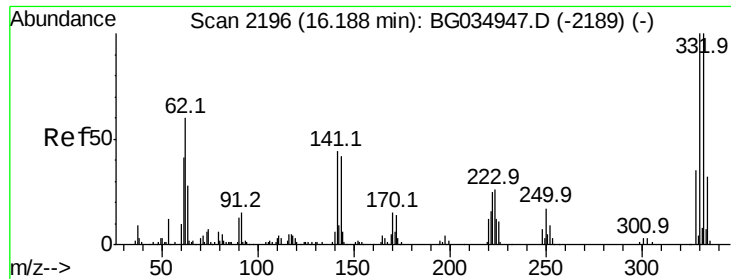
Ion Ratio Lower Upper

164 100

162 109.6 78.8 118.2

160 46.5 35.4 53.0

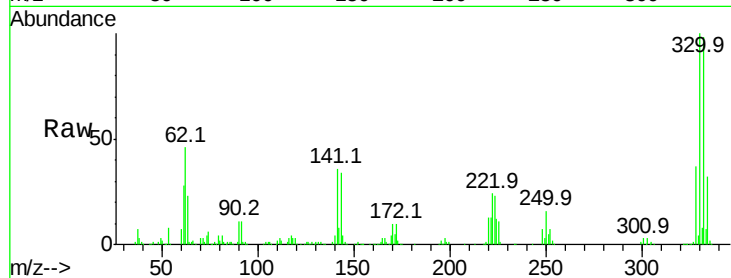




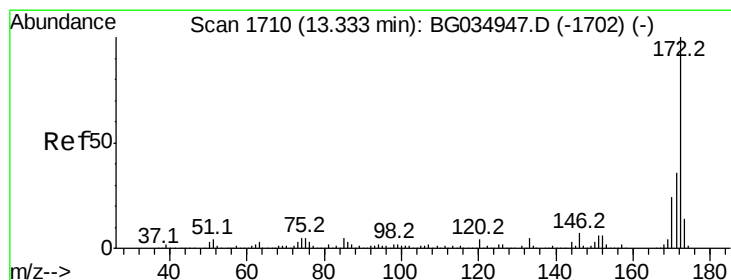
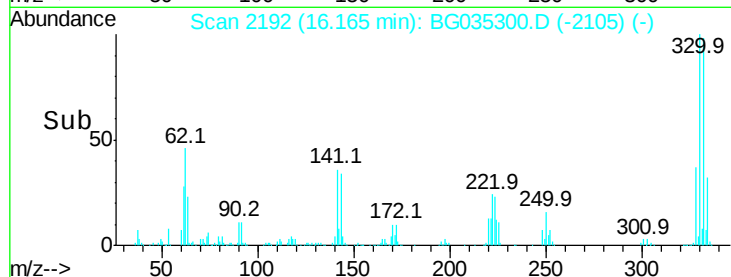
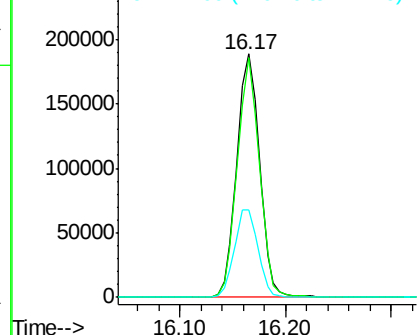
#41
 2,4,6-Tribromophenol
 Concen: 180.784 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035300.D
 Acq: 21 Jun 2018 15:23

Instrument :
 BNA_G
 ClientSampled :
 TP-11-S

Tot Ion:330 Resp: 282276
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 37.0 25.2 37.8

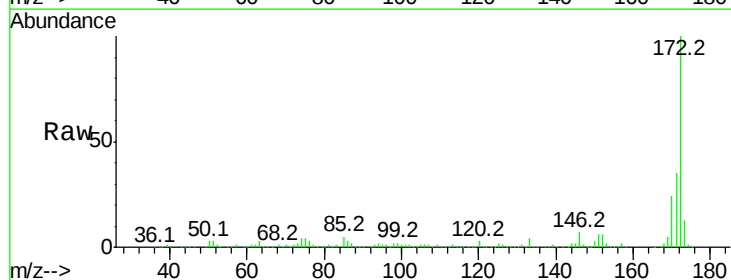


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

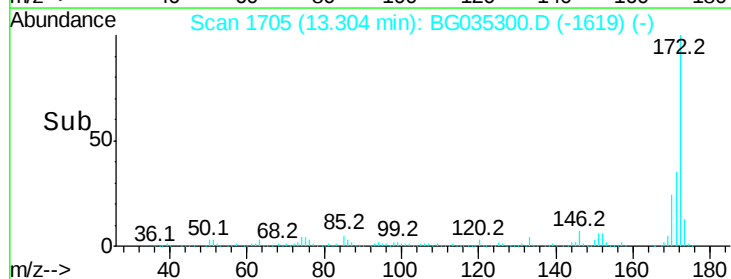
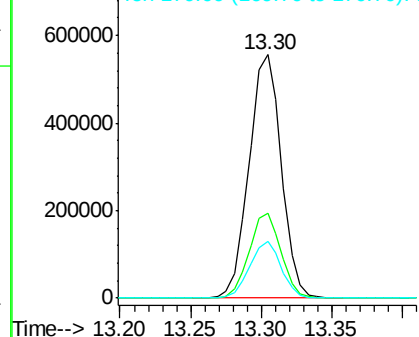


#44
 2-Fluorobiphenyl
 Concen: 94.802 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035300.D
 Acq: 21 Jun 2018 15:23

Tgt Ion:172 Resp: 889479
 Ion Ratio Lower Upper
 172 100
 171 35.1 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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

Instrument :

BNA_G

ClientSampleId :

TP-11-S

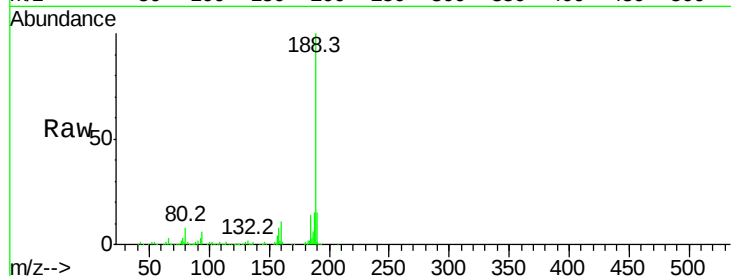
Tot Ion:188 Resp: 330085

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

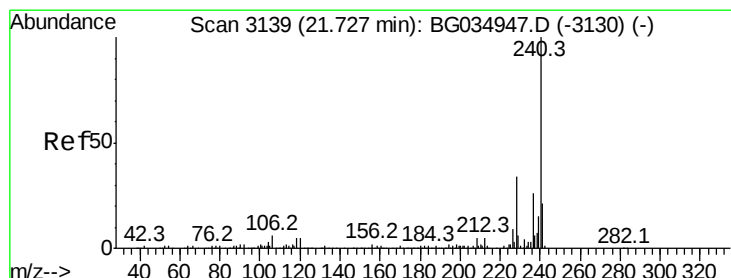
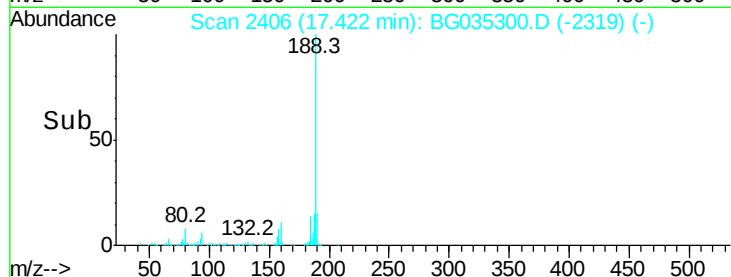
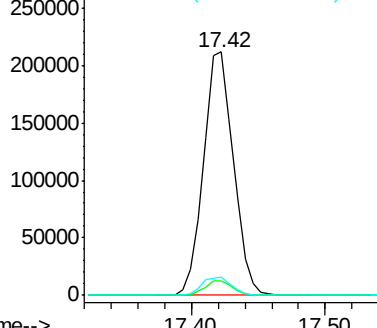
80 7.8 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

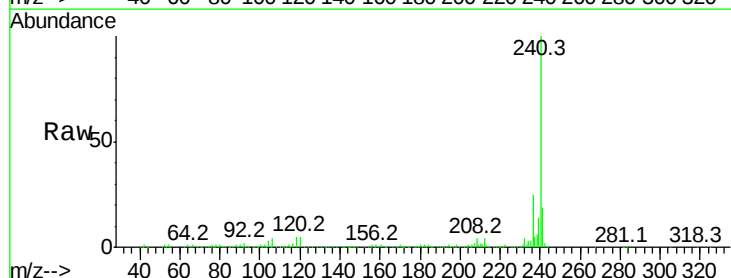
Tgt Ion:240 Resp: 373345

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

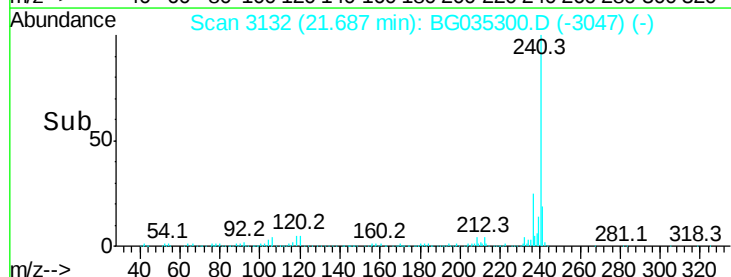
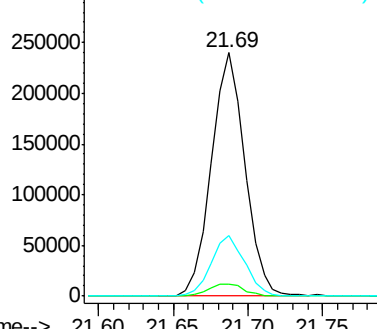
236 24.8 20.9 31.3

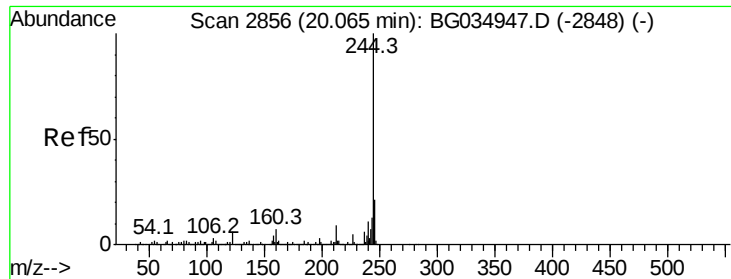


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.350 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035300.D

Acq: 21 Jun 2018 15:23

Instrument :

BNA_G

ClientSampleId :

TP-11-S

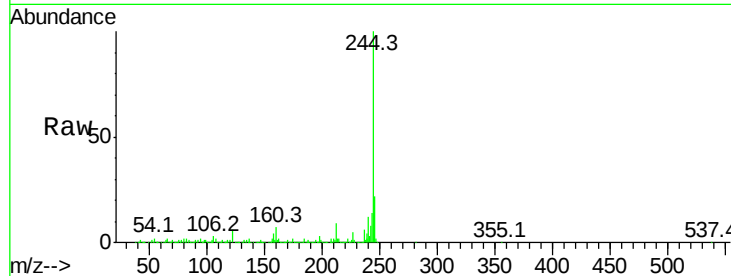
Tot Ion:244 Resp: 1735127

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

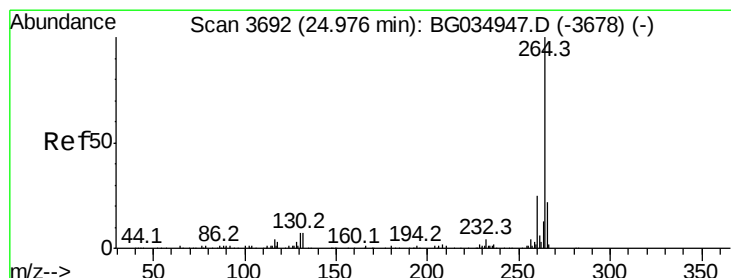
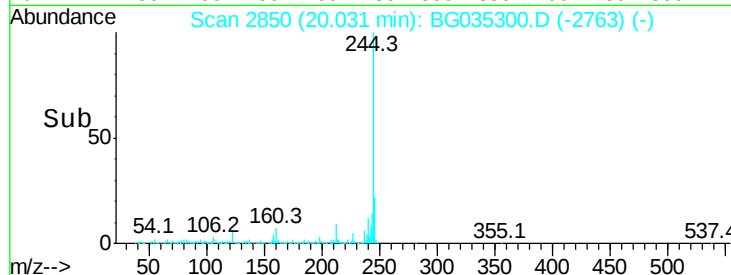
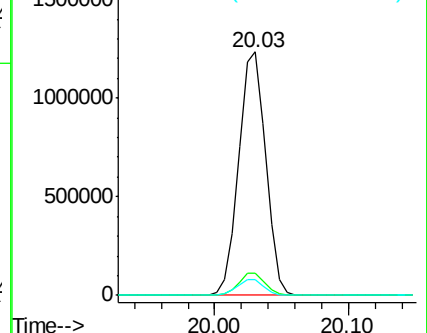
122 6.3 7.0 10.4#



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: BG035300.D

Acq: 21 Jun 2018 15:23

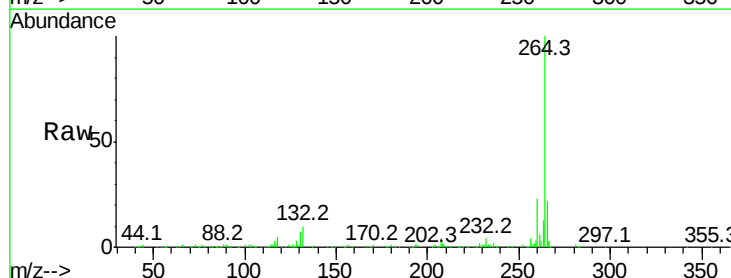
Tgt Ion:264 Resp: 355208

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 22.3 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

