

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035241.D
 Acq On : 19 Jun 2018 6:52
 Operator : SJ/JU
 Sample : J3567-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Quant Time: Jun 19 11:07:30 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	55549	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	184825	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	127637	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	346507	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	356055	20.00	ng	-0.02
86) Perylene-d12	24.92	264	334444	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	467531	142.04	ng	0.00
7) Phenol-d6	7.22	99	597816	123.05	ng	0.00
23) Nitrobenzene-d5	9.22	82	486594	125.15	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	328215	200.88	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1065112	108.48	ng	-0.02
78) Terphenyl-d14	20.04	244	1938493	114.04	ng	-0.01

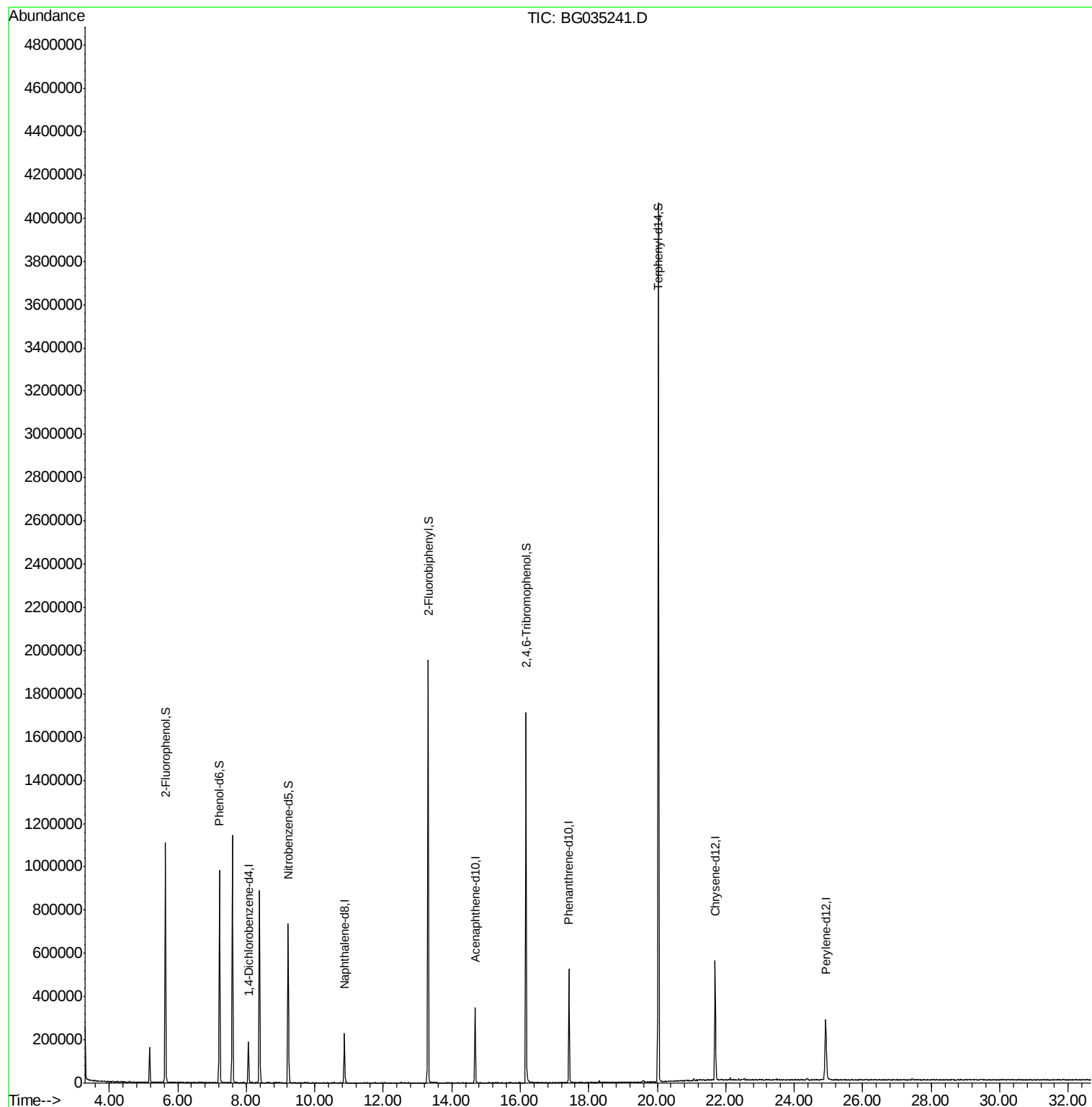
Target Compounds Qvalue

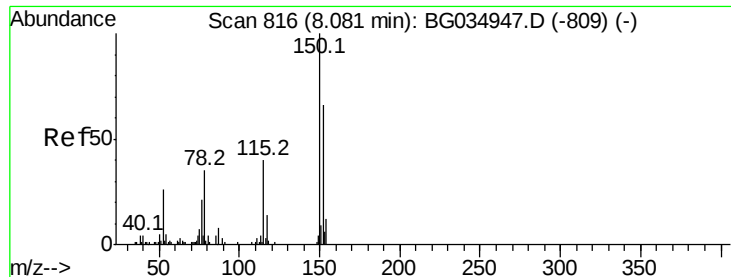
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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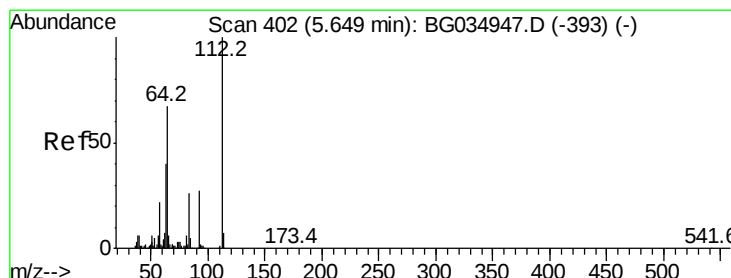
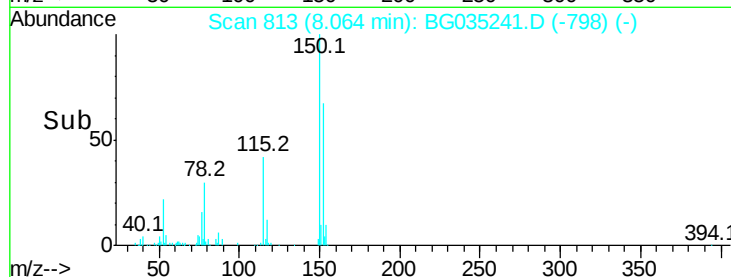
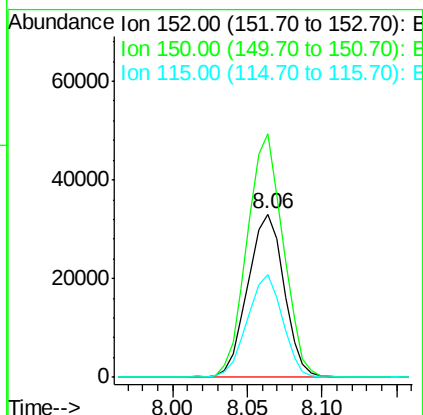
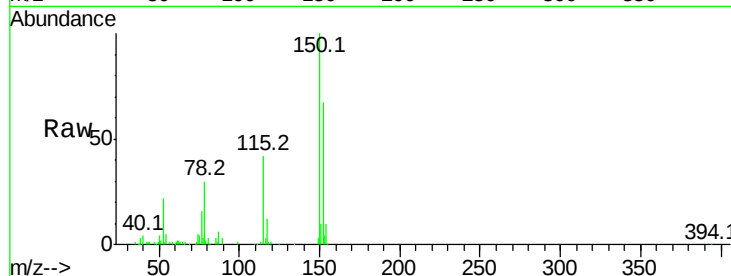


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035241.D
Acq: 19 Jun 2018 6:52

Instrument :
BNA_G
ClientSampleId :
TP-11-S

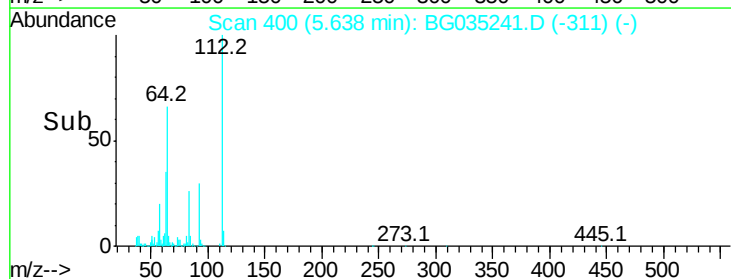
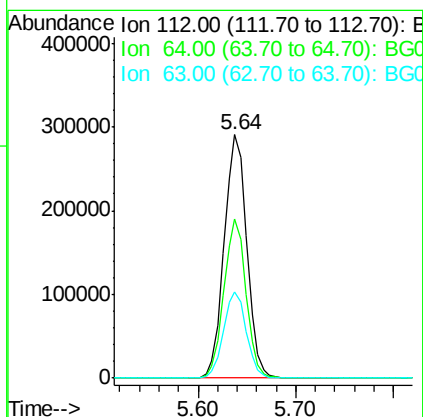
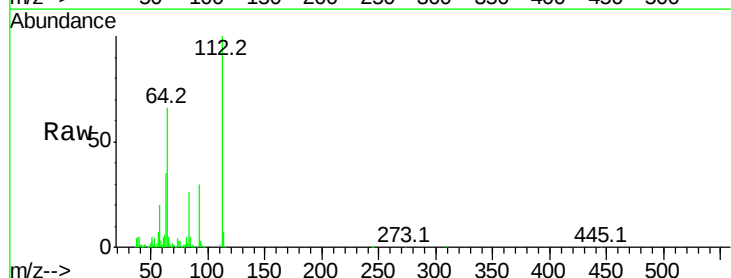
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.6	189.8
115	62.9	53.0	79.4

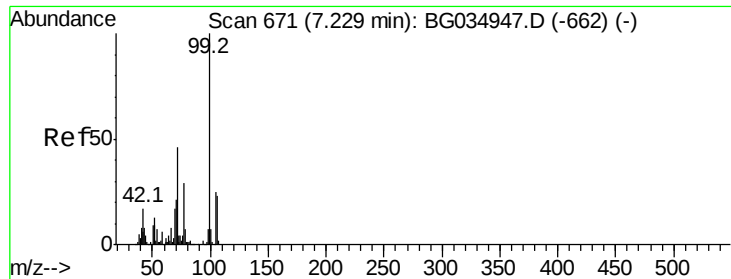


#5

2-Fluorophenol
Concen: 142.038 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035241.D
Acq: 19 Jun 2018 6:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	35.2	30.1	45.1





#7

Phenol-d6

Concen: 123.054 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035241.D

Acq: 19 Jun 2018 6:52

Instrument :

BNA_G

ClientSampleId :

TP-11-S

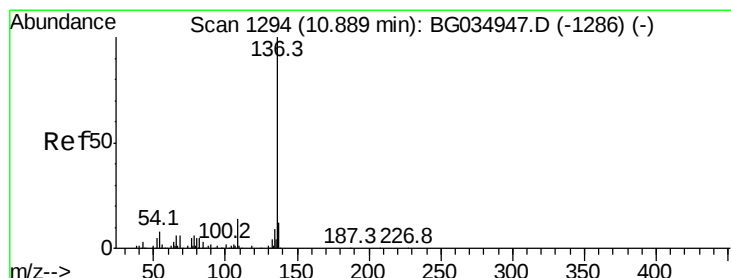
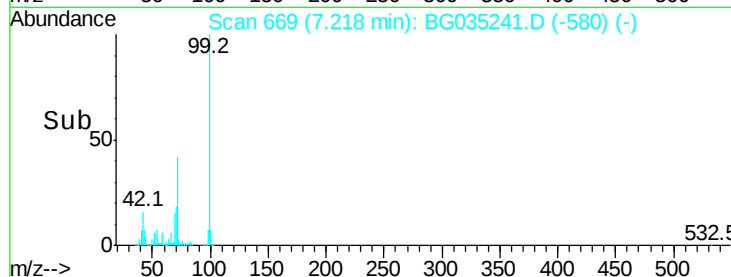
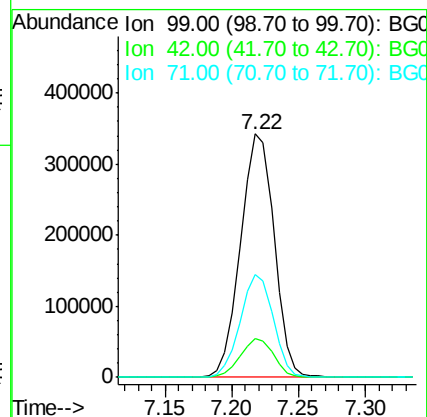
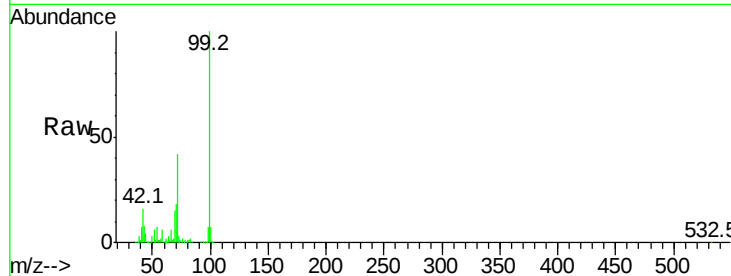
Tot Ion: 99 Resp: 597816

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

71 42.5 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035241.D

Acq: 19 Jun 2018 6:52

Tgt Ion: 136 Resp: 184825

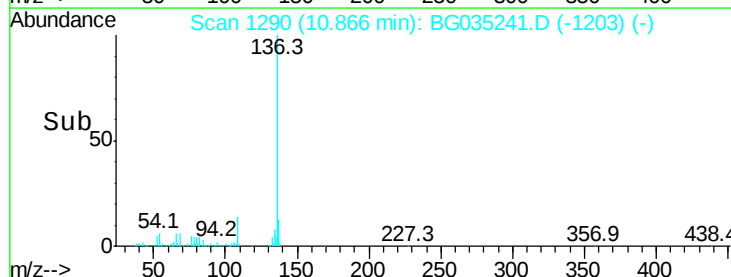
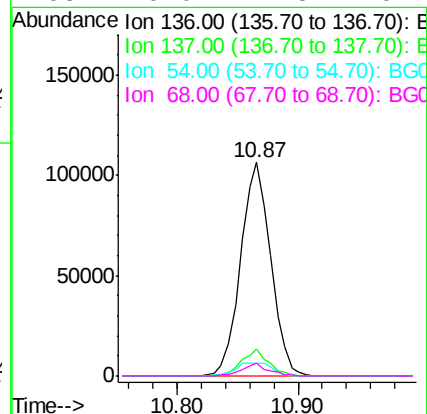
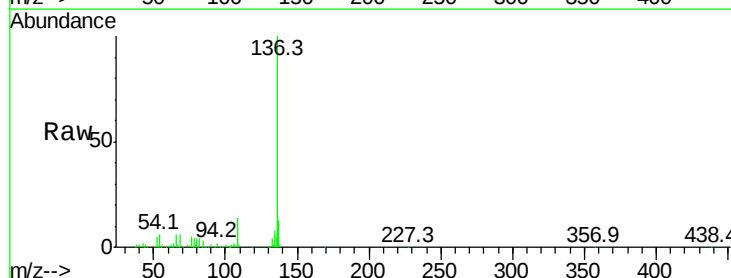
Ion Ratio Lower Upper

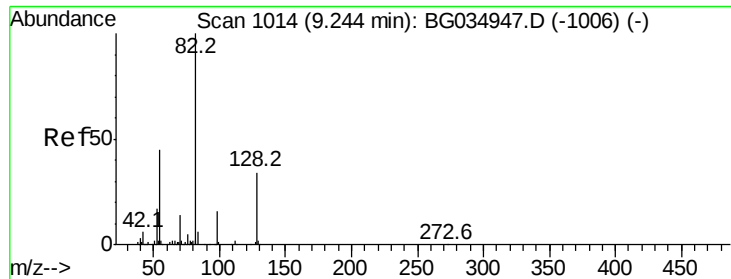
136 100

137 12.7 9.2 13.8

54 6.1 10.3 15.5#

68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 125.145 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035241.D

Acq: 19 Jun 2018 6:52

Instrument :

BNA_G

ClientSampleId :

TP-11-S

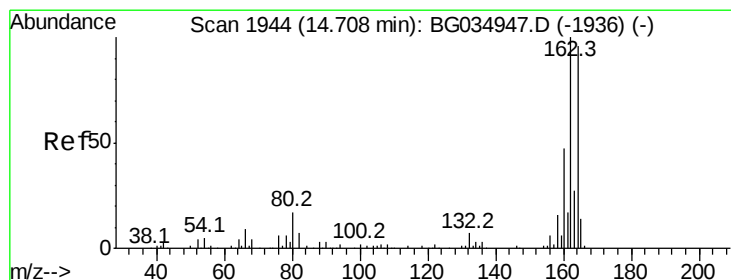
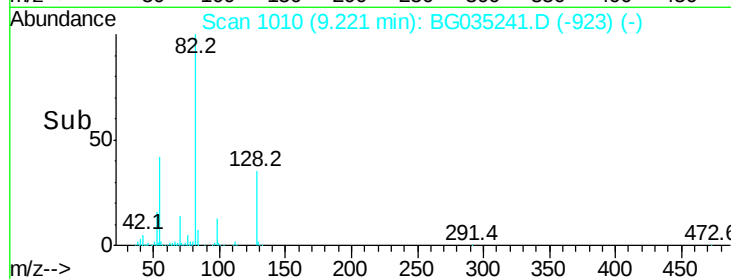
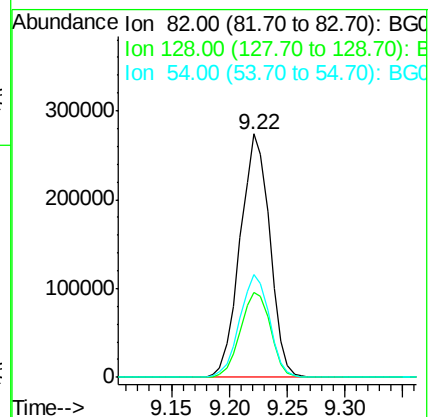
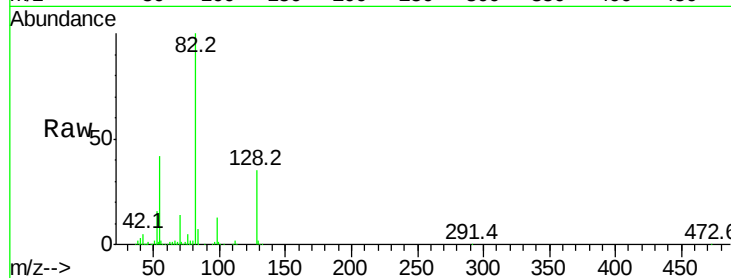
Tot Ion: 82 Resp: 486594

Ion Ratio Lower Upper

82 100

128 35.0 29.7 44.5

54 42.2 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: BG035241.D

Acq: 19 Jun 2018 6:52

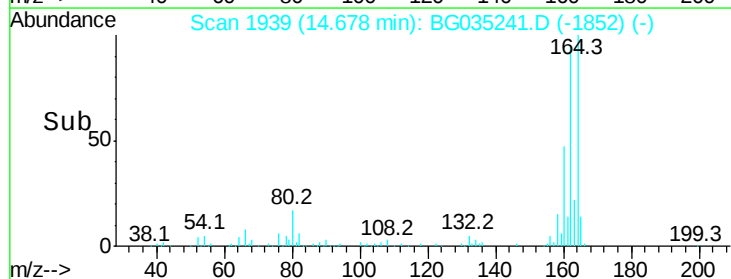
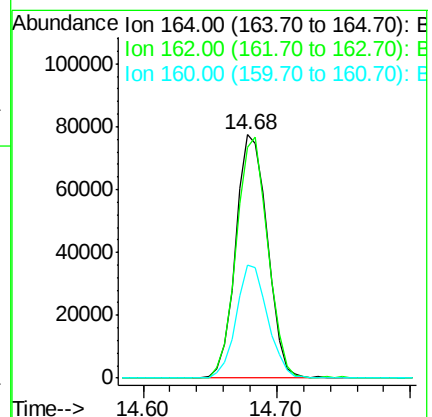
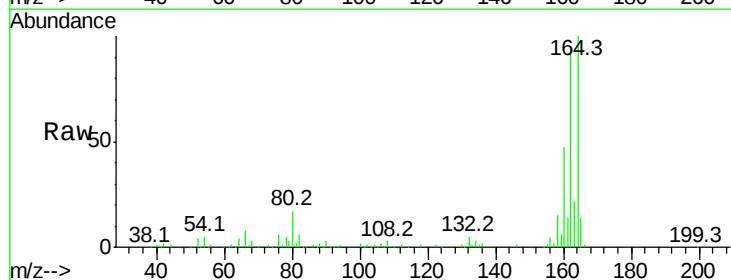
Tgt Ion:164 Resp: 127637

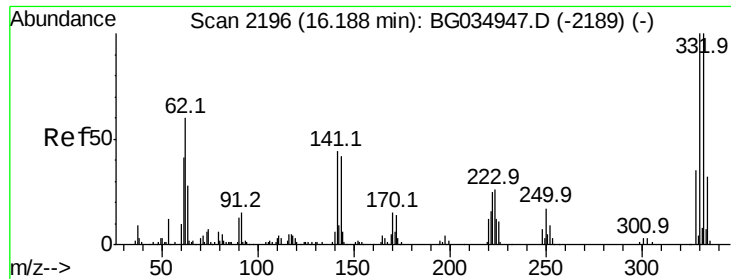
Ion Ratio Lower Upper

164 100

162 94.7 78.8 118.2

160 46.5 35.4 53.0

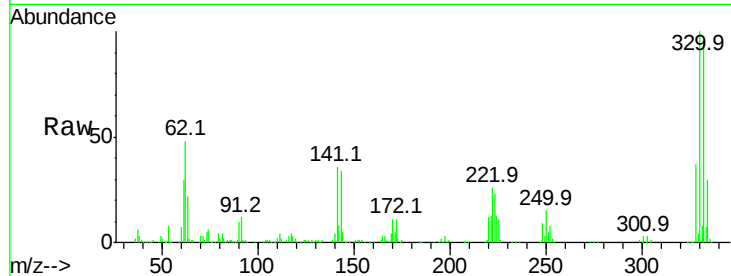




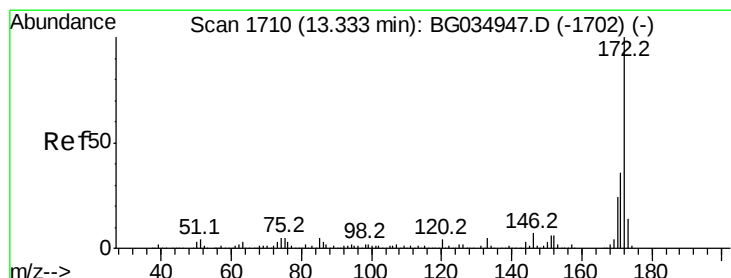
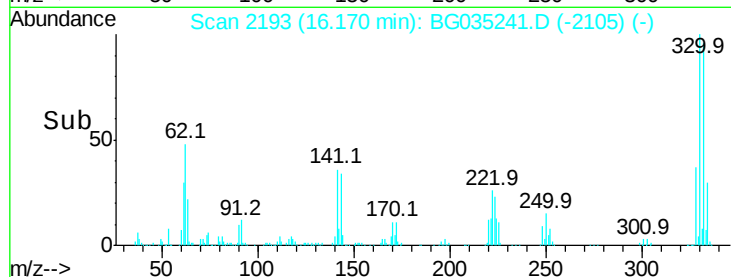
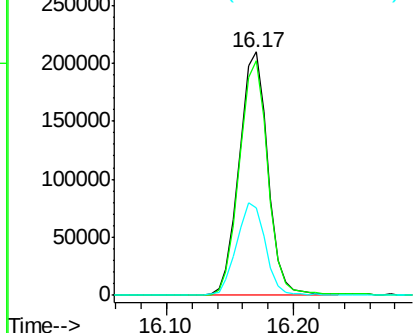
#41
 2,4,6-Tribromophenol
 Concen: 200.876 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035241.D
 Acq: 19 Jun 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-S

Tot Ion:330 Resp: 328215
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 38.2 25.2 37.8#

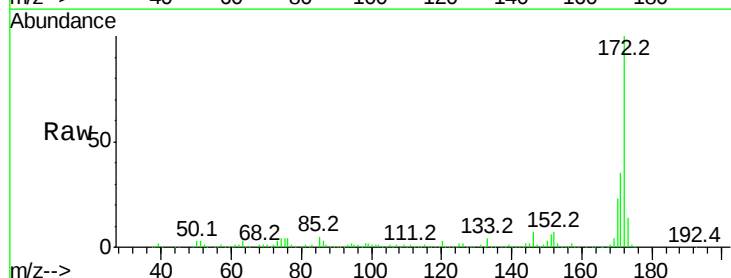


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

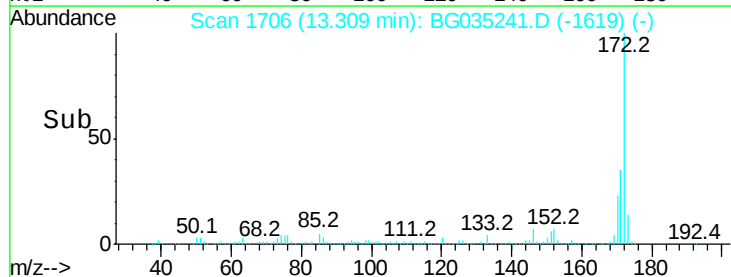
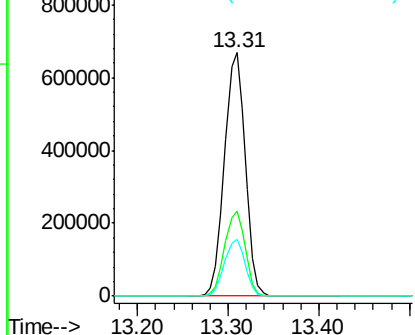


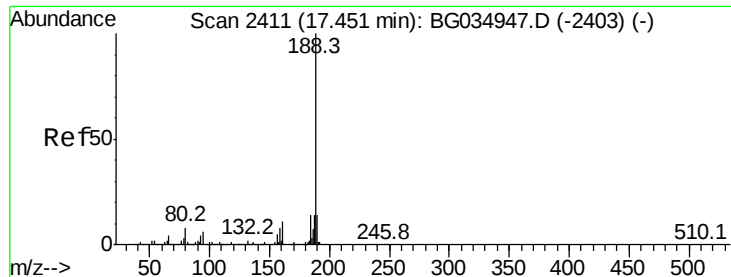
#44
 2-Fluorobiphenyl
 Concen: 108.483 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035241.D
 Acq: 19 Jun 2018 6:52

Tgt Ion:172 Resp: 1065112
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 23.1 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: BG035241.D

Acq: 19 Jun 2018 6:52

Instrument :

BNA_G

ClientSampleId :

TP-11-S

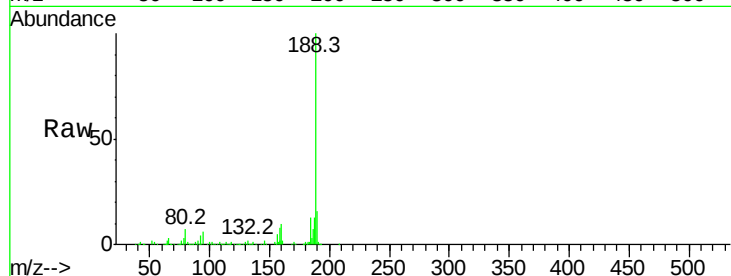
Tot Ion:188 Resp: 346507

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

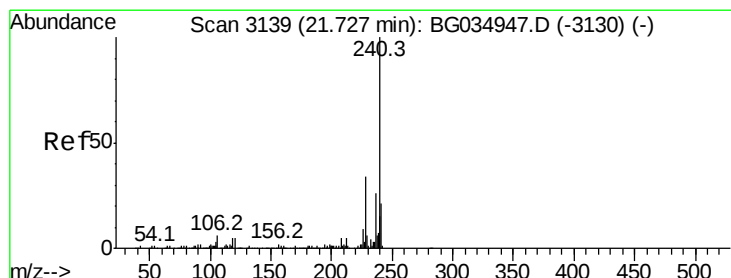
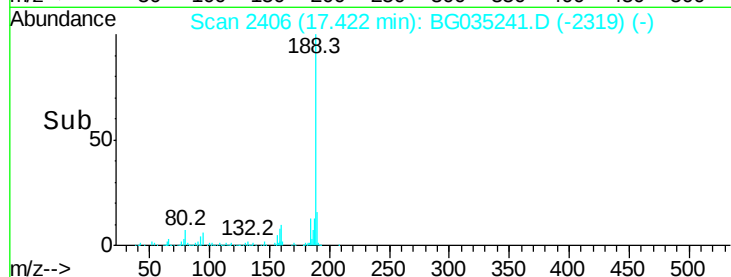
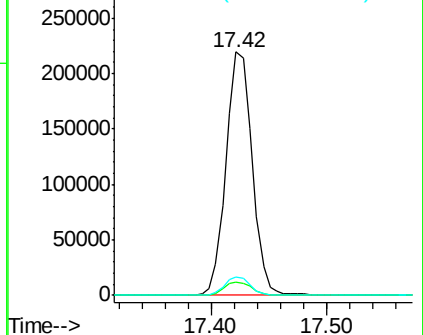
80 7.5 7.7 11.5#



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: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035241.D

Acq: 19 Jun 2018 6:52

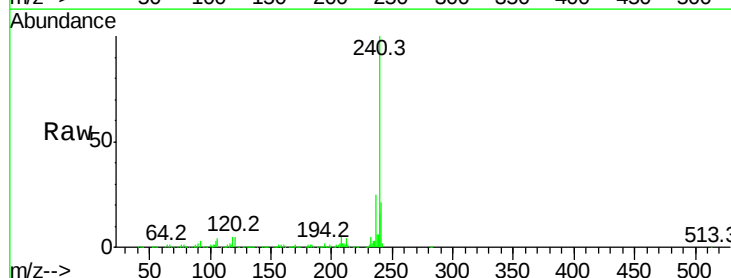
Tgt Ion:240 Resp: 356055

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

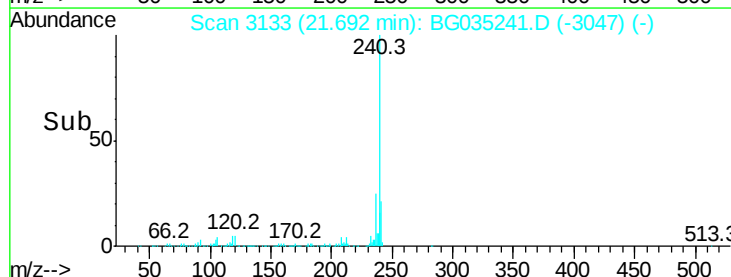
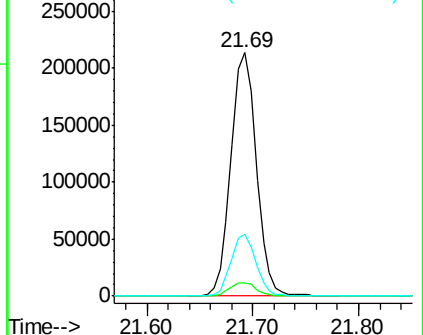
236 25.5 20.9 31.3

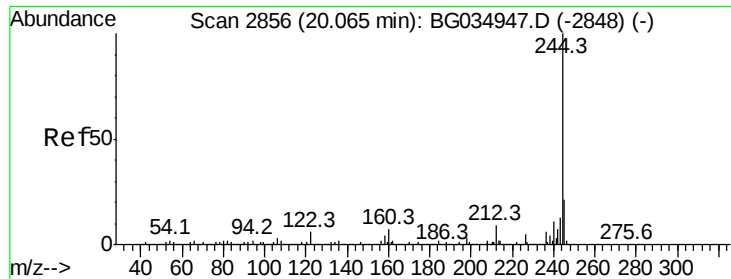


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.042 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035241.D

Acq: 19 Jun 2018 6:52

Instrument :

BNA_G

ClientSampleId :

TP-11-S

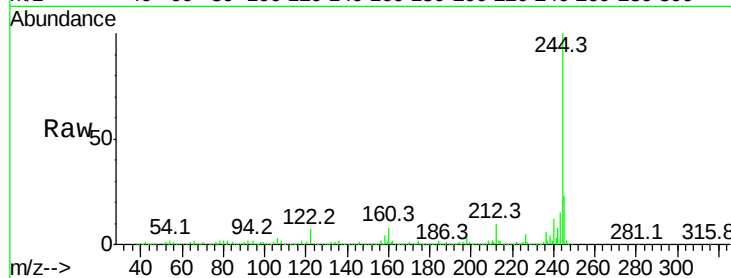
Tot Ion:244 Resp: 1938493

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

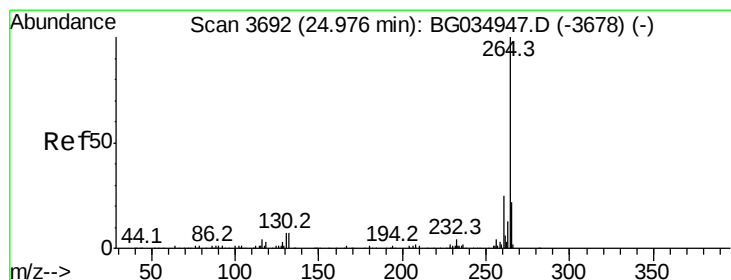
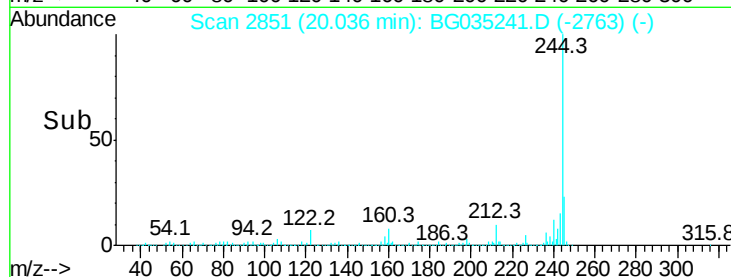
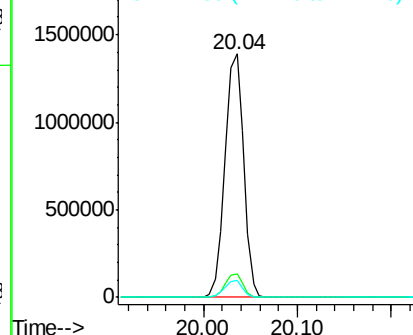
122 6.9 7.0 10.4#



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: BG035241.D

Acq: 19 Jun 2018 6:52

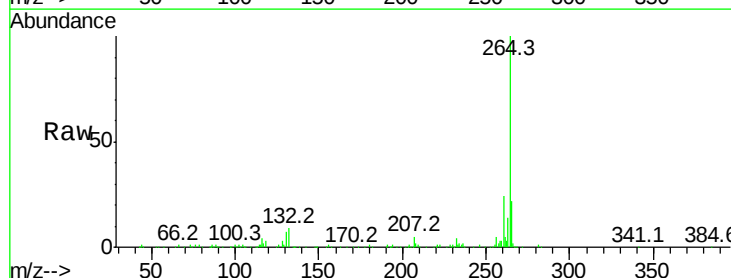
Tgt Ion:264 Resp: 334444

Ion Ratio Lower Upper

264 100

260 24.1 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

