

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035330.D
 Acq On : 22 Jun 2018 12:07
 Operator : JU/SJ
 Sample : J3622-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-C

Quant Time: Jun 22 13:50:33 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	8.05	152	54399	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180958	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	124926	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	346845	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	392174	20.00	ng	-0.04
86) Perylene-d12	24.91	264	373369	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	438575	136.06	ng	-0.01
7) Phenol-d6	7.21	99	565872	118.94	ng	-0.01
23) Nitrobenzene-d5	9.22	82	448437	117.80	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	304787	190.59	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1003107	104.38	ng	-0.03
78) Terphenyl-d14	20.02	244	1899919	101.48	ng	-0.02

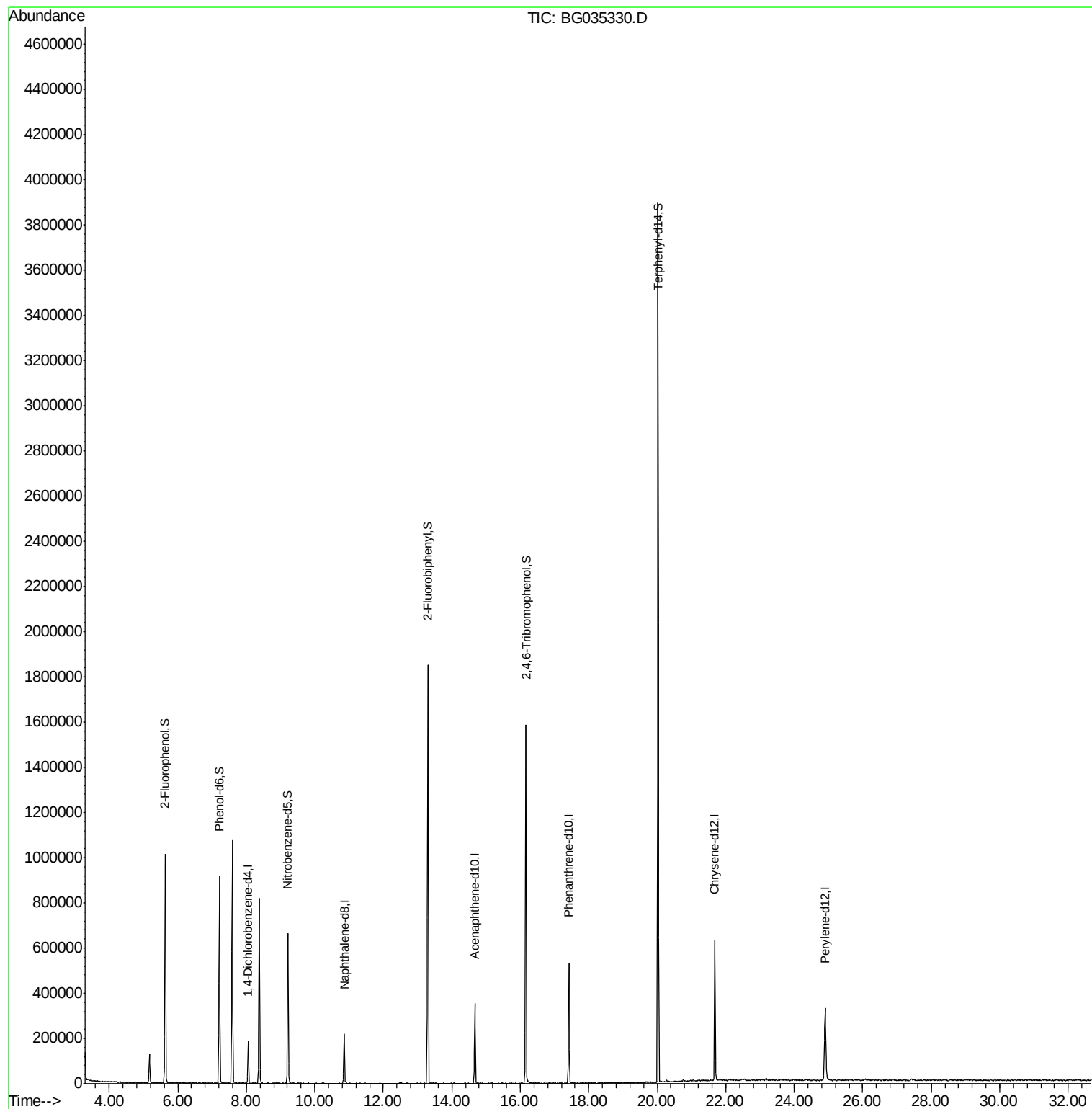
Target Compounds Qvalue

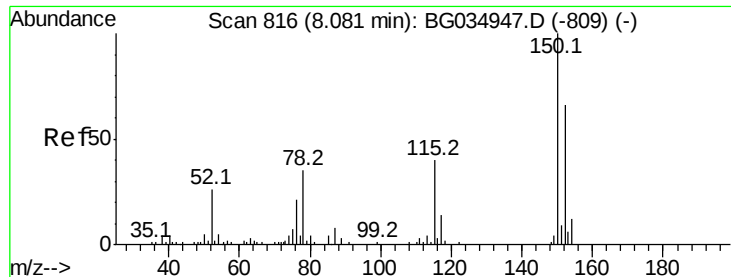
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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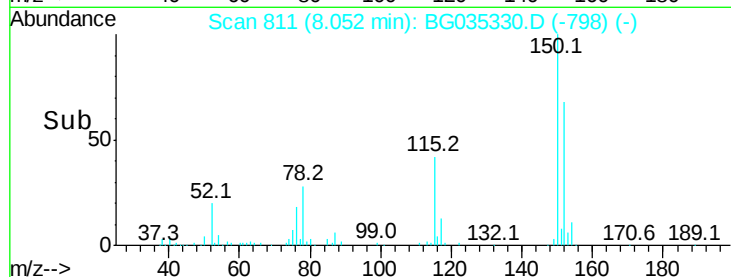
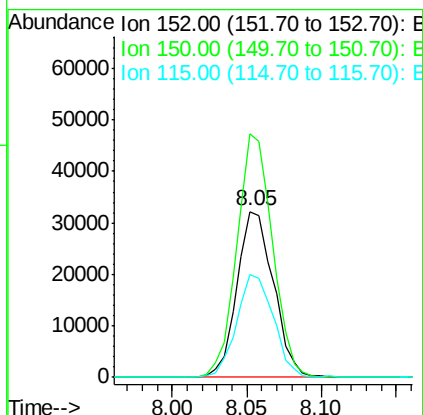
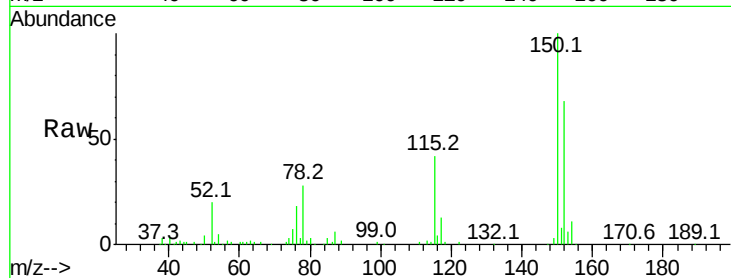


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035330.D
Acq: 22 Jun 2018 12:07

Instrument :
BNA_G
ClientSampleId :
SP-C

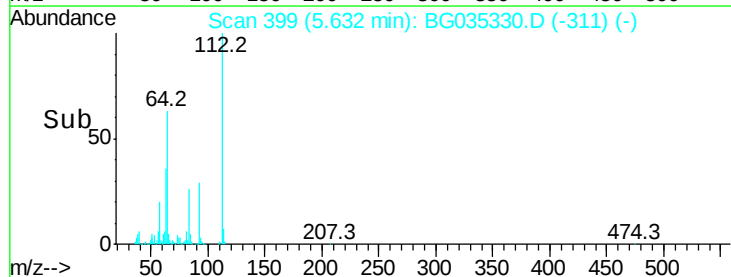
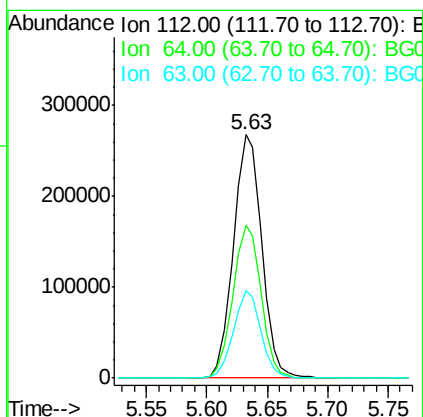
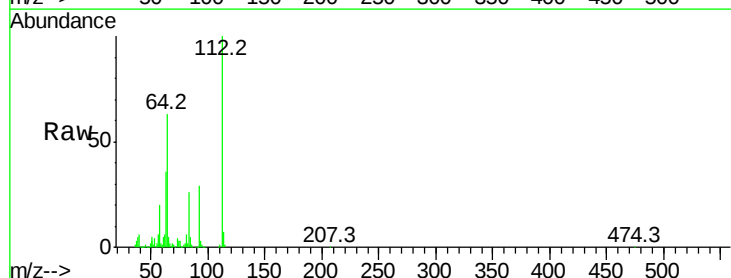
Tot Ion:152 Resp: 54399
Ion Ratio Lower Upper
152 100
150 146.5 126.6 189.8
115 62.0 53.0 79.4

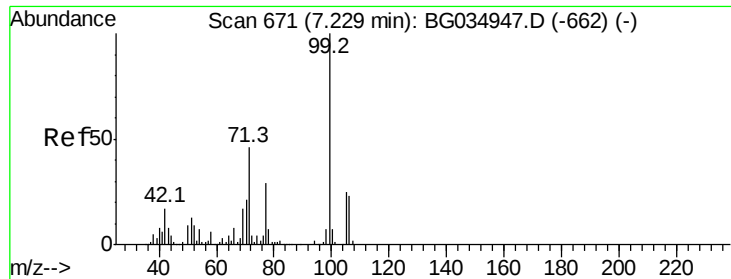


#5

2-Fluorophenol
Concen: 136.058 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035330.D
Acq: 22 Jun 2018 12:07

Tgt Ion:112 Resp: 438575
Ion Ratio Lower Upper
112 100
64 62.5 56.3 84.5
63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 118.941 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035330.D

Acq: 22 Jun 2018 12:07

Instrument :

BNA_G

ClientSampleId :

SP-C

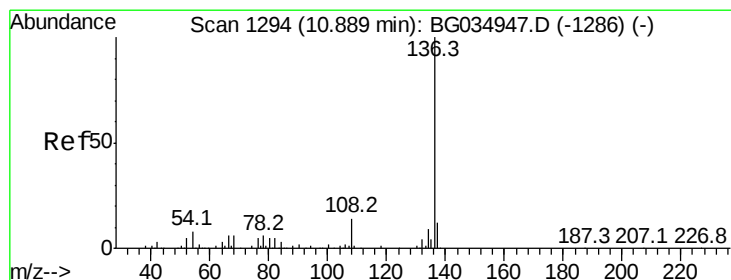
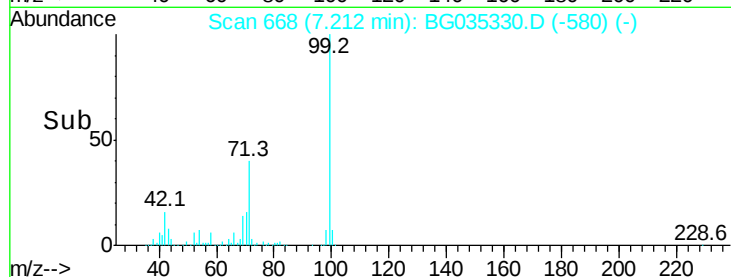
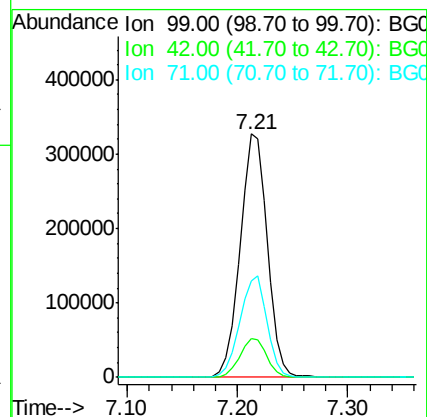
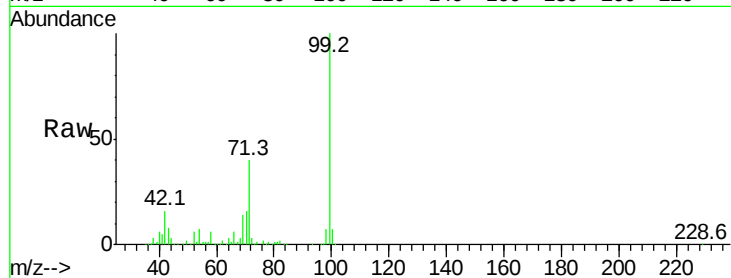
Tot Ion: 99 Resp: 565872

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 39.8 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: BG035330.D

Acq: 22 Jun 2018 12:07

Tgt Ion: 136 Resp: 180958

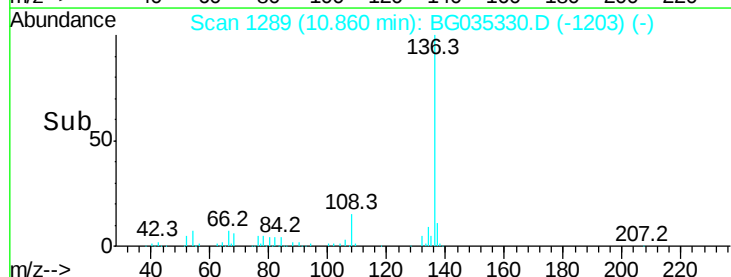
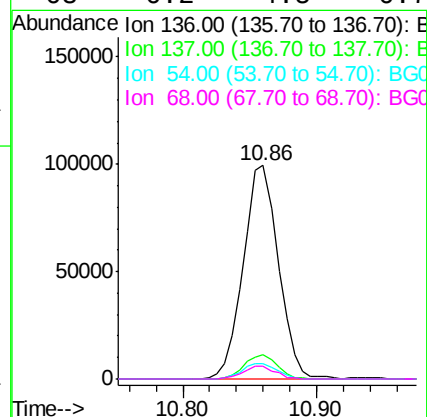
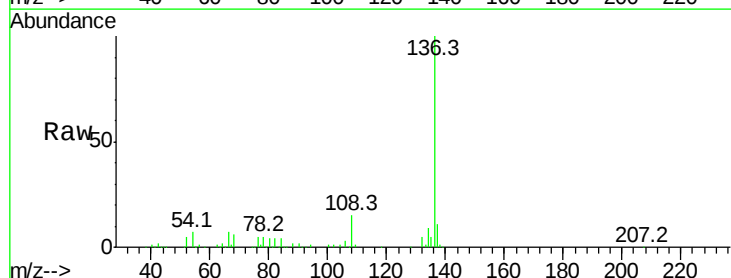
Ion Ratio Lower Upper

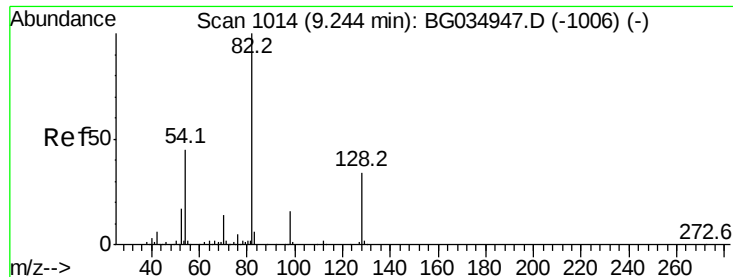
136 100

137 11.4 9.2 13.8

54 7.3 10.3 15.5#

68 6.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 117.796 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035330.D

Acq: 22 Jun 2018 12:07

Instrument :

BNA_G

ClientSampleId :

SP-C

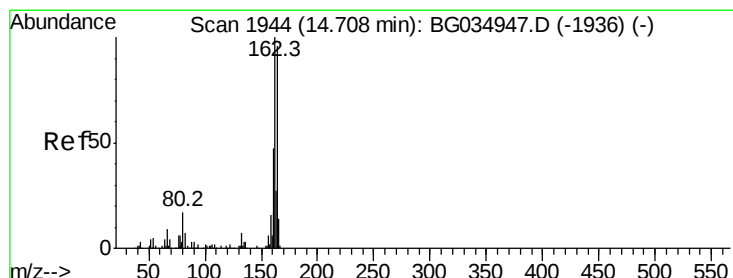
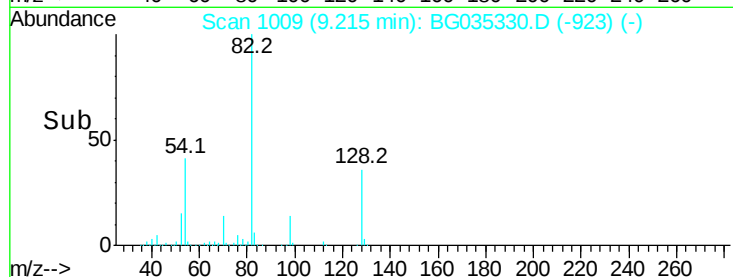
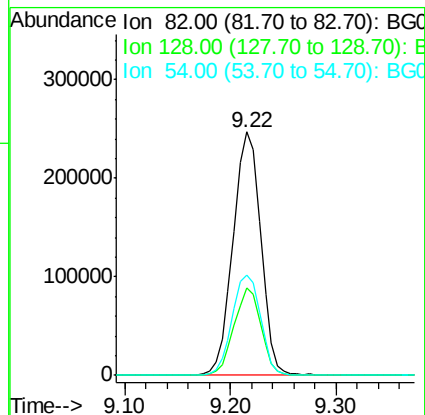
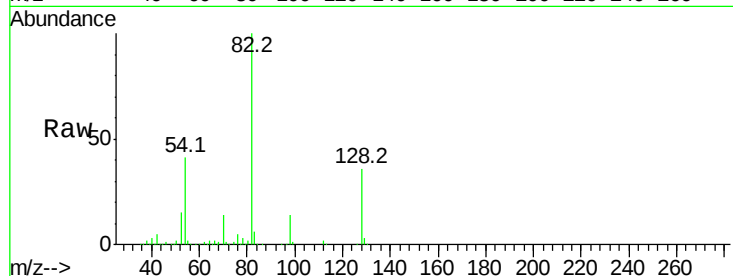
Tot Ion: 82 Resp: 448437

Ion Ratio Lower Upper

82 100

128 36.2 29.7 44.5

54 41.4 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035330.D

Acq: 22 Jun 2018 12:07

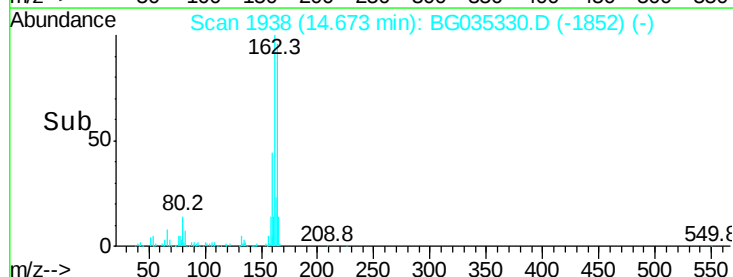
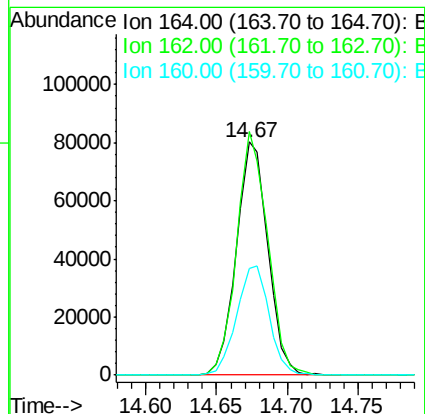
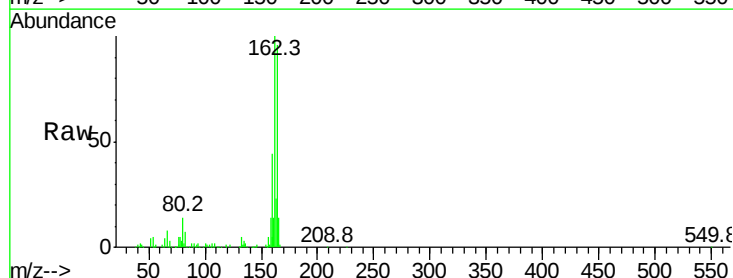
Tgt Ion:164 Resp: 124926

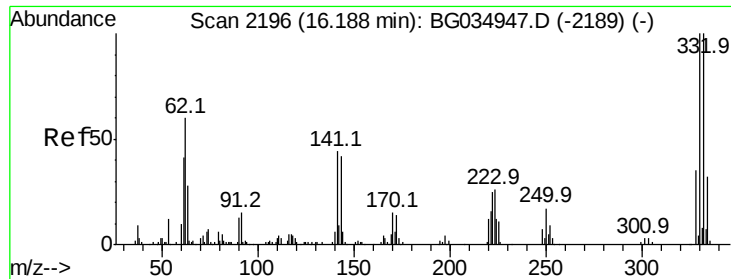
Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

160 45.8 35.4 53.0

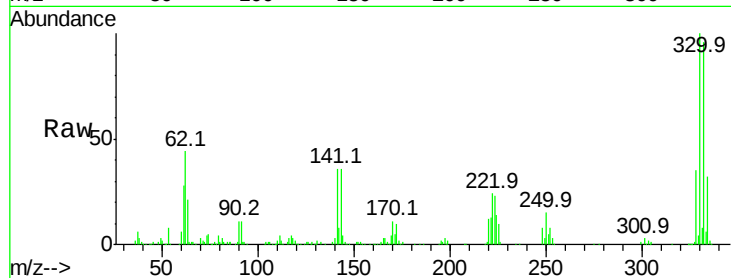




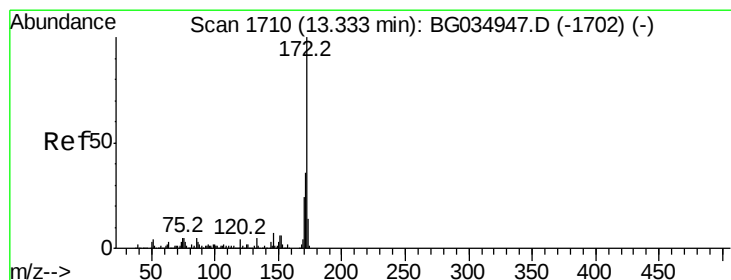
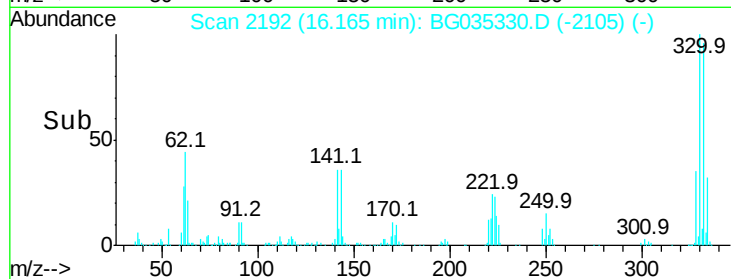
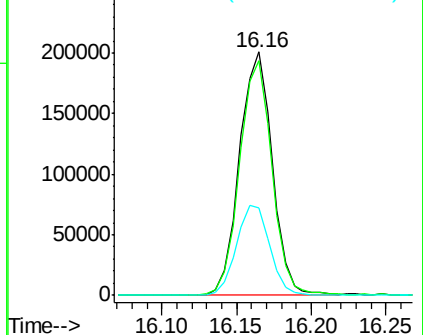
#41
 2,4,6-Tribromophenol
 Concen: 190.586 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035330.D
 Acq: 22 Jun 2018 12:07

Instrument :
 BNA_G
 ClientSampleId :
 SP-C

Tot Ion:330 Resp: 304787
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 37.9 25.2 37.8#

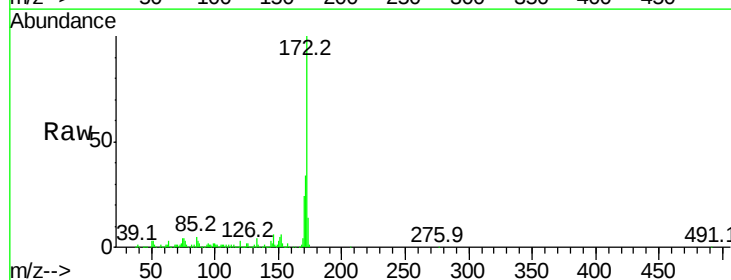


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

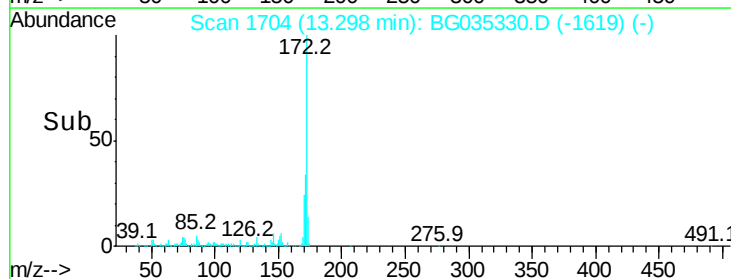
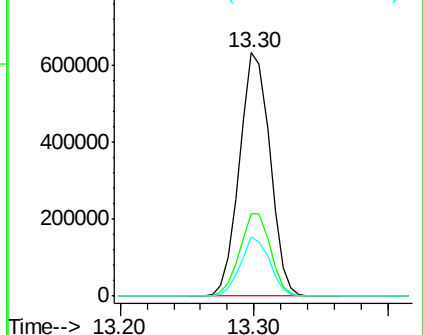


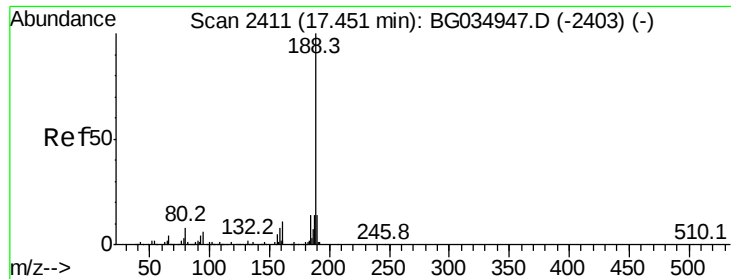
#44
 2-Fluorobiphenyl
 Concen: 104.385 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035330.D
 Acq: 22 Jun 2018 12:07

Tgt Ion:172 Resp: 1003107
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 24.2 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

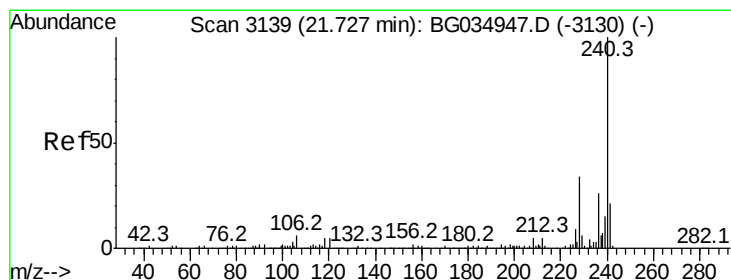
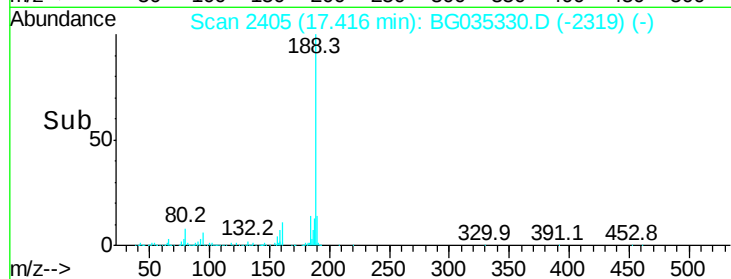
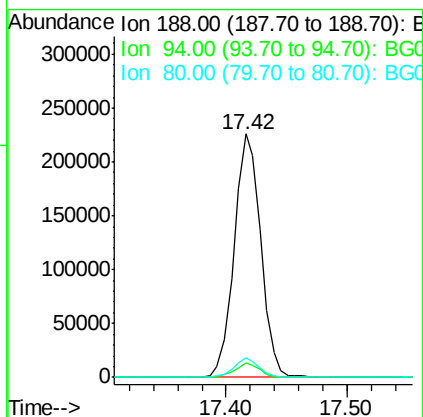
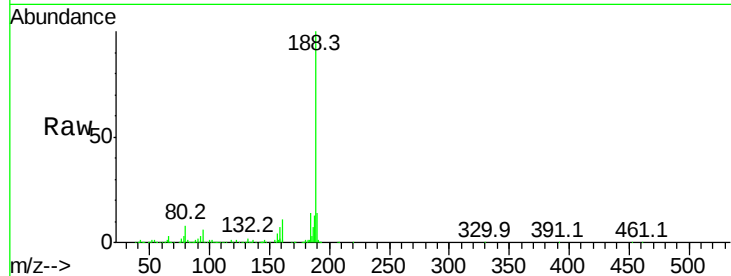




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035330.D
Acq: 22 Jun 2018 12:07

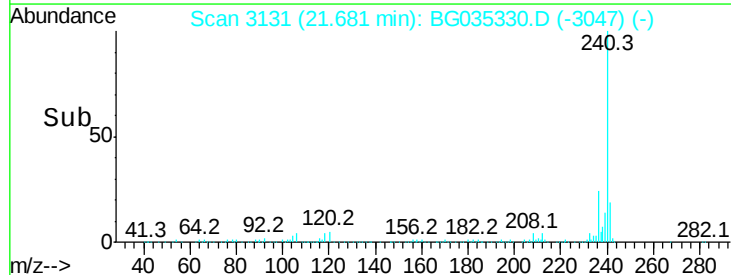
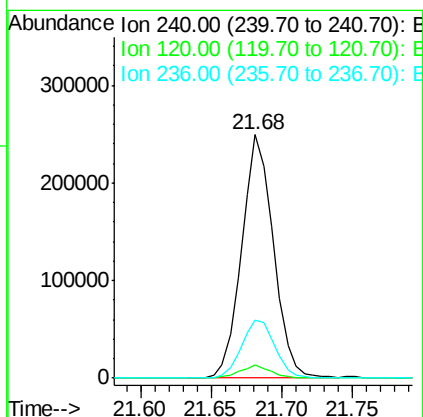
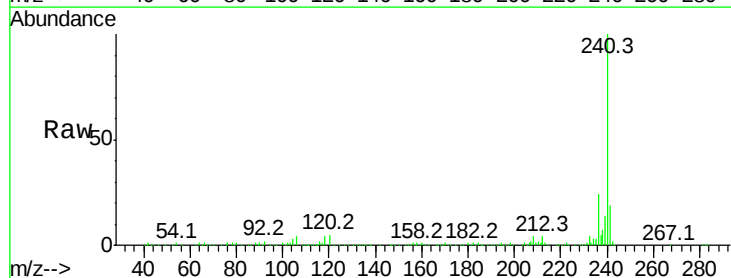
Instrument :
BNA_G
ClientSampleId :
SP-C

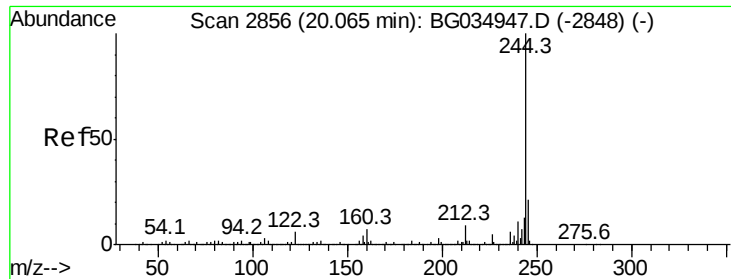
Tot Ion:188 Resp: 346845
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035330.D
Acq: 22 Jun 2018 12:07

Tgt Ion:240 Resp: 392174
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 24.0 20.9 31.3





#78

Terphenyl-d14

Concen: 101.478 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035330.D

Acq: 22 Jun 2018 12:07

Instrument :

BNA_G

ClientSampleId :

SP-C

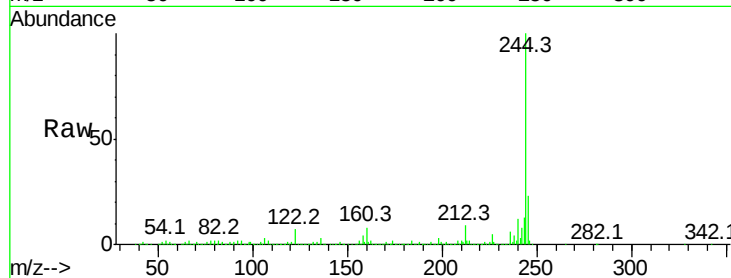
Tot Ion:244 Resp: 1899919

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

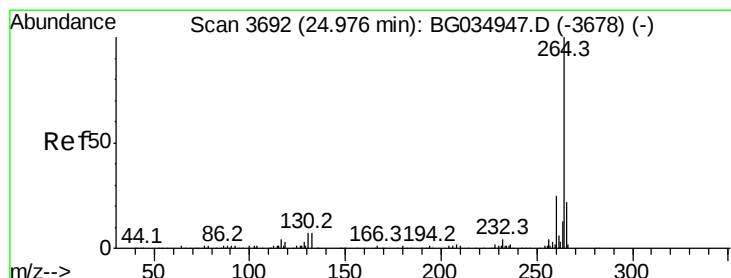
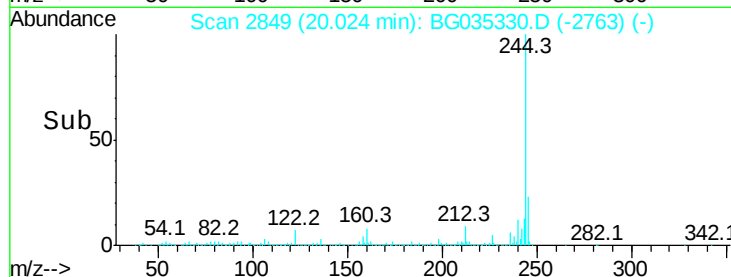
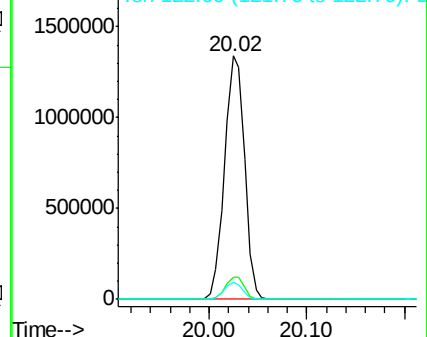
122 7.1 7.0 10.4



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: BG035330.D

Acq: 22 Jun 2018 12:07

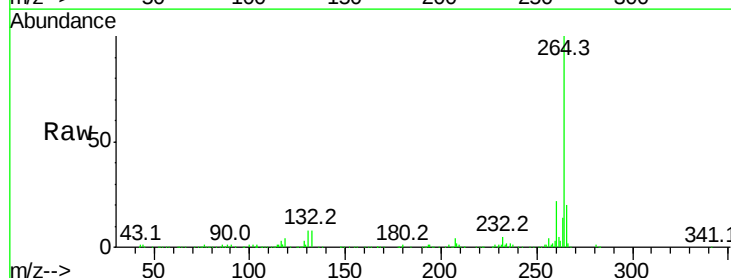
Tgt Ion:264 Resp: 373369

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 20.2 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

