

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
 Data File : BG035328.D
 Acq On : 22 Jun 2018 10:50
 Operator : JU/SJ
 Sample : J3622-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-A

Quant Time: Jun 22 11:58:43 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	51857	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	177674	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	119751	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	330202	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	379461	20.00	ng	-0.03
86) Perylene-d12	24.90	264	361849	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	431530	140.43	ng	0.00
7) Phenol-d6	7.21	99	553200	121.98	ng	0.00
23) Nitrobenzene-d5	9.22	82	438074	117.20	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	286367	186.81	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	974831	105.83	ng	-0.03
78) Terphenyl-d14	20.03	244	1807544	99.78	ng	-0.02

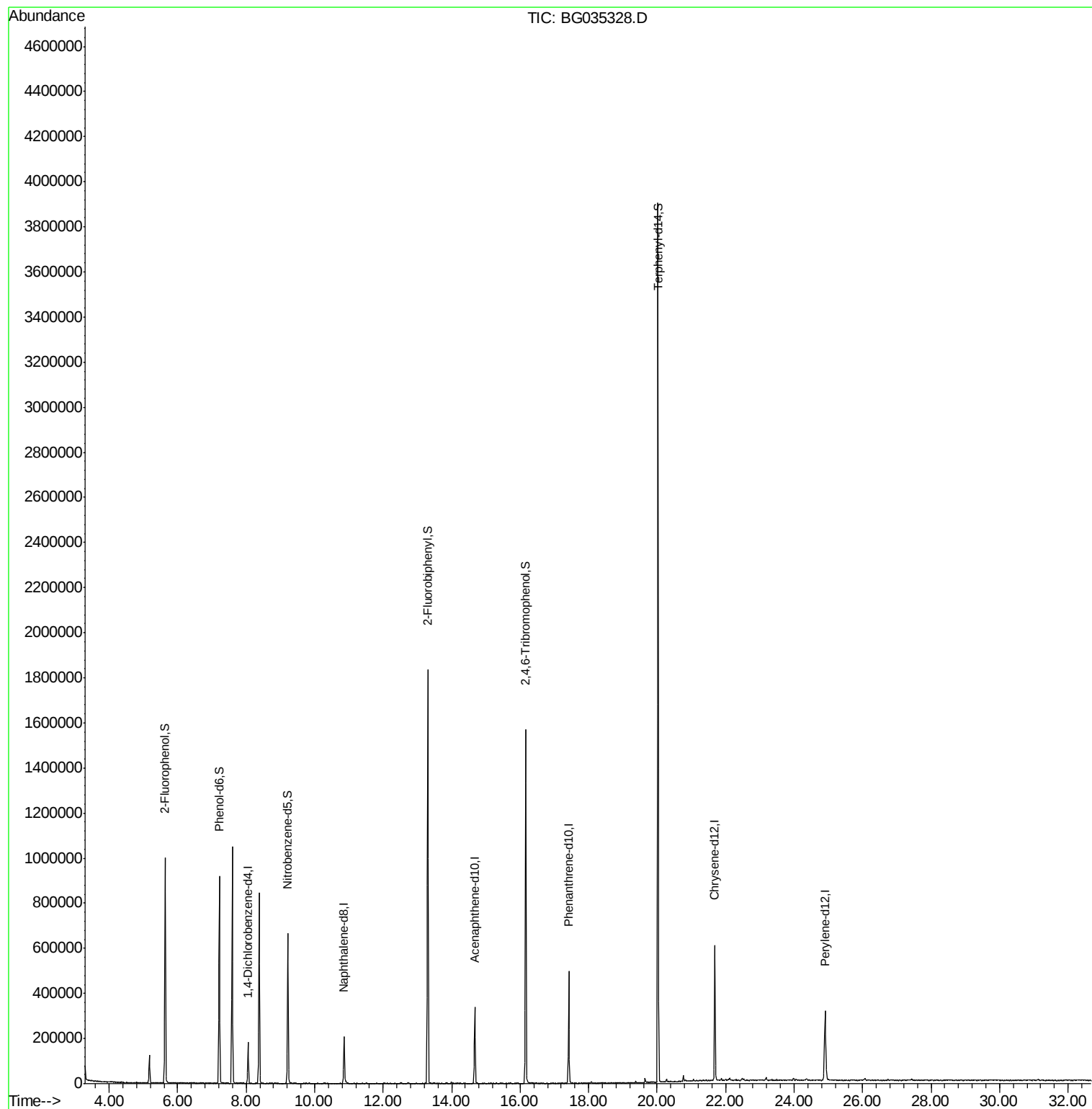
Target Compounds Qvalue

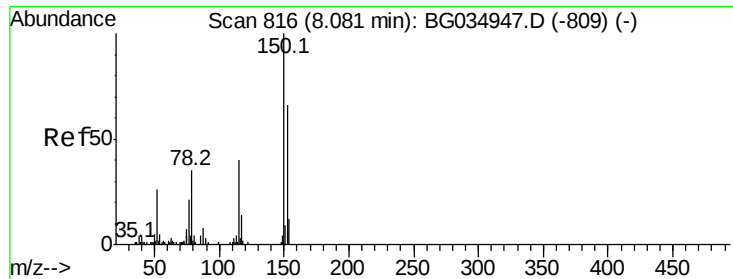
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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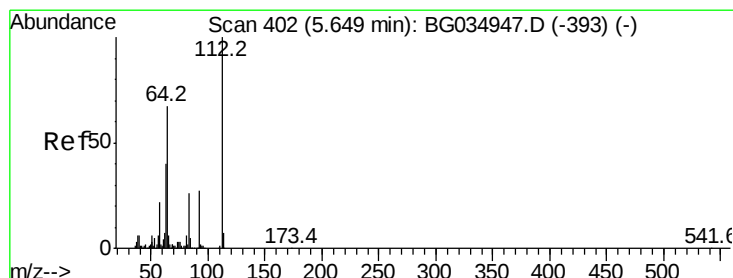
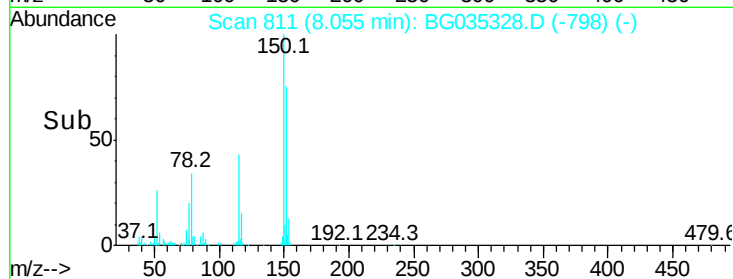
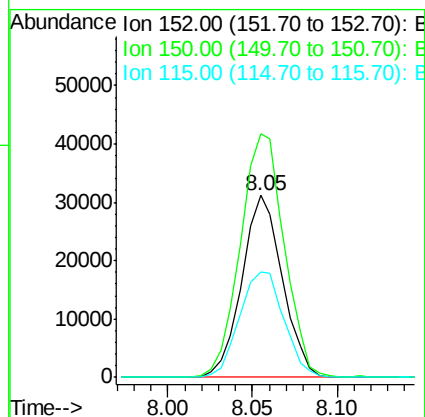
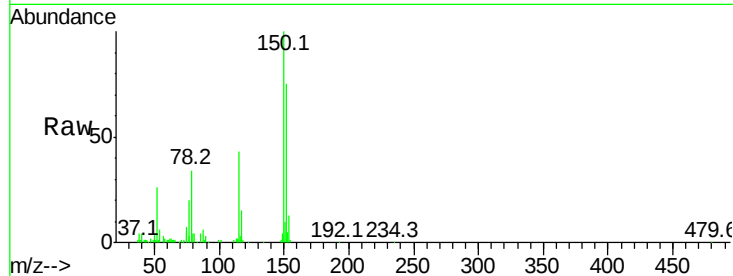


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035328.D
Acq: 22 Jun 2018 10:50

Instrument :
BNA_G
ClientSampleId :
SP-A

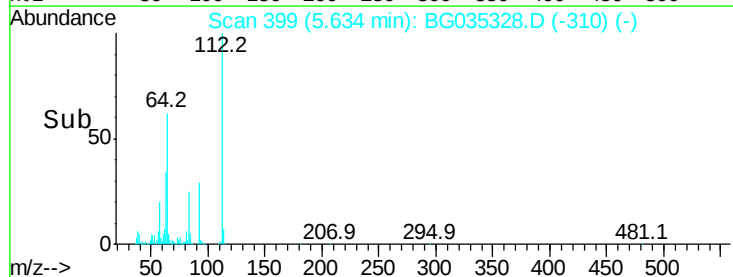
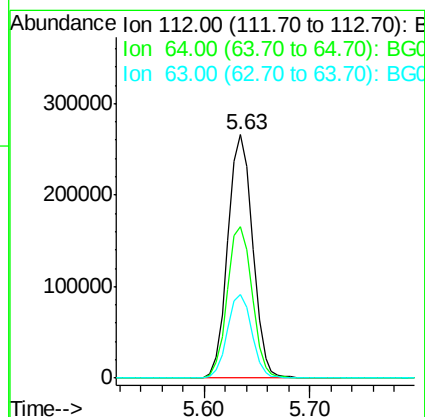
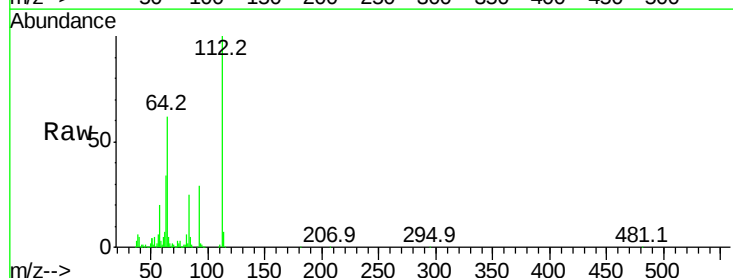
Tot Ion	Ratio	Lower	Upper
152	100		
150	133.8	126.6	189.8
115	57.7	53.0	79.4

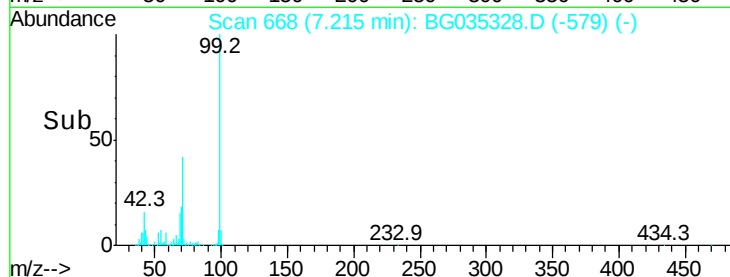
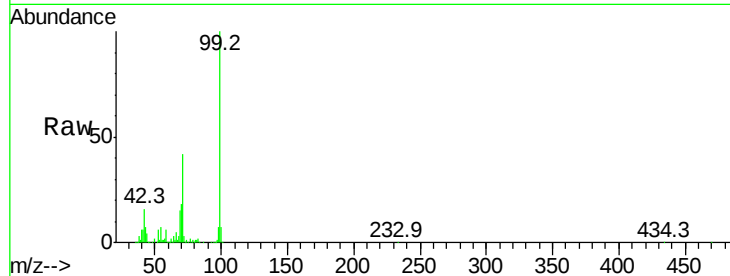
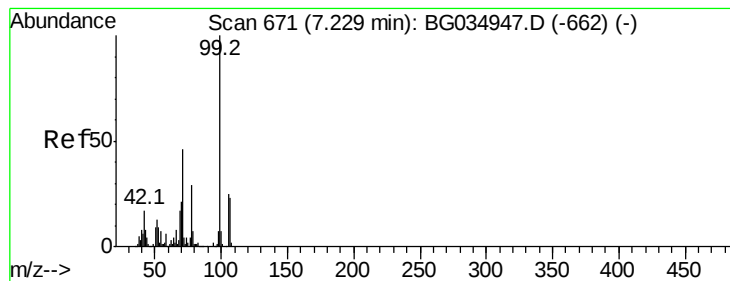


#5

2-Fluorophenol
Concen: 140.435 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035328.D
Acq: 22 Jun 2018 10:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.3	56.3	84.5
63	34.2	30.1	45.1





#7

Phenol-d6

Concen: 121.977 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035328.D

Acq: 22 Jun 2018 10:50

Instrument :

BNA_G

ClientSampleId :

SP-A

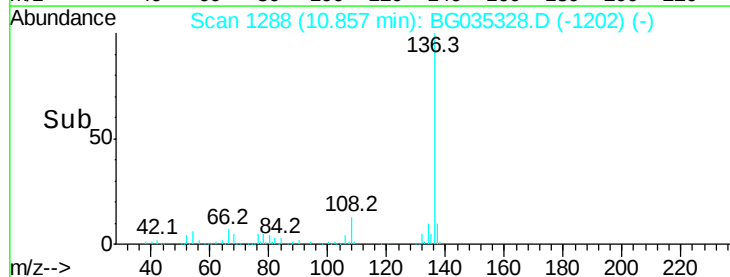
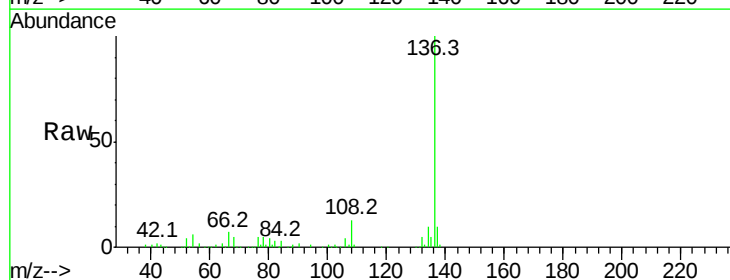
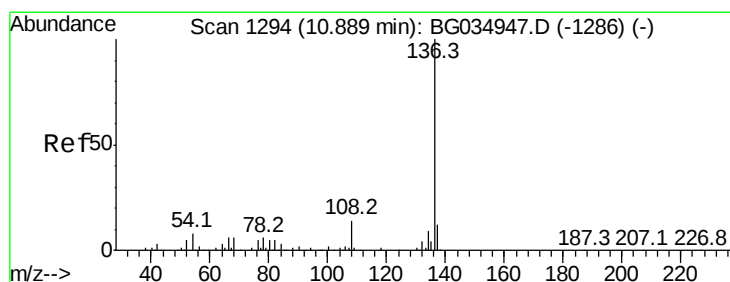
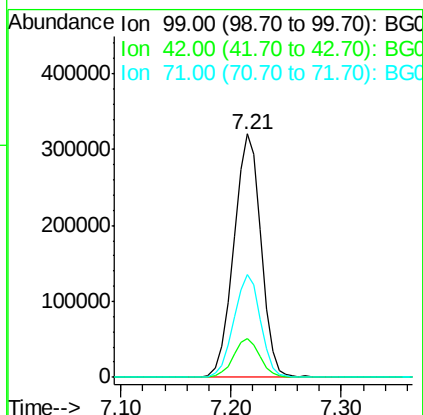
Tot Ion: 99 Resp: 553200

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

71 42.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035328.D

Acq: 22 Jun 2018 10:50

Tgt Ion: 136 Resp: 177674

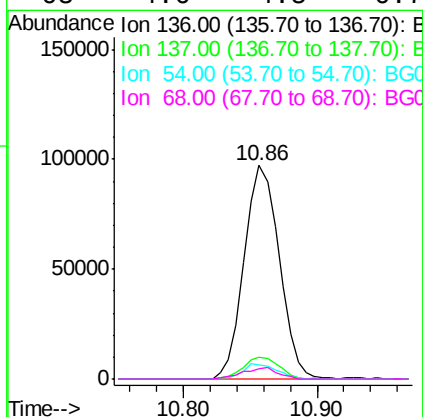
Ion Ratio Lower Upper

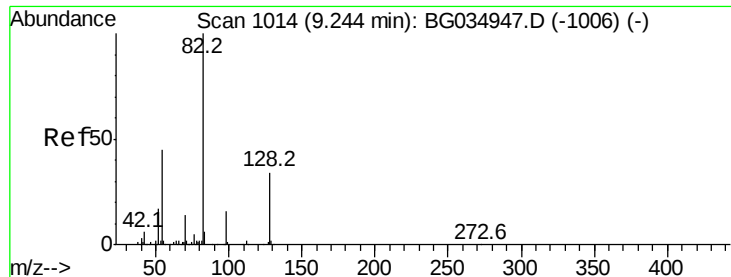
136 100

137 10.4 9.2 13.8

54 6.4 10.3 15.5#

68 4.6 4.5 6.7

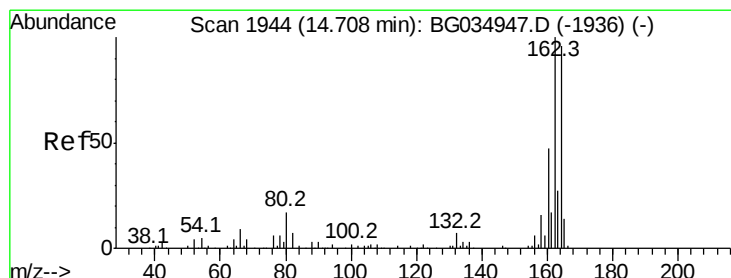
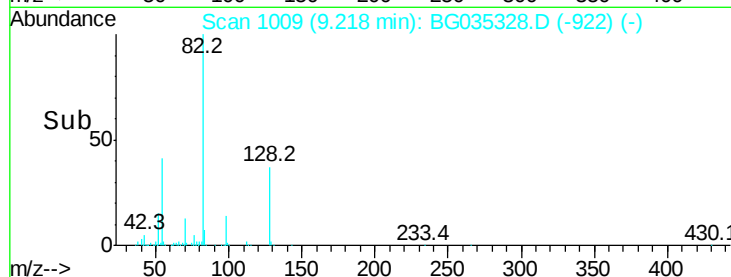
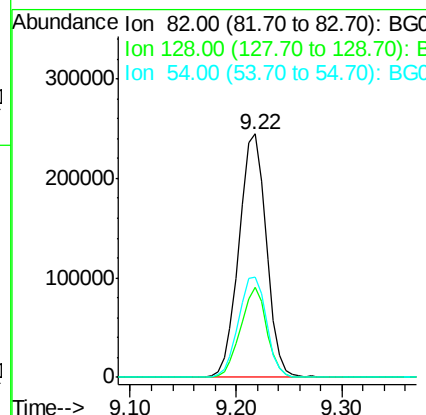
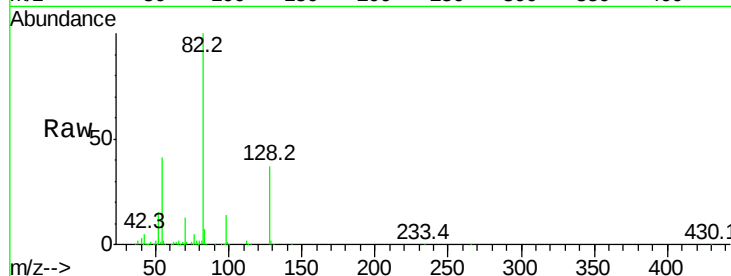




#23
 Nitrobenzene-d5
 Concen: 117.201 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035328.D
 Acq: 22 Jun 2018 10:50

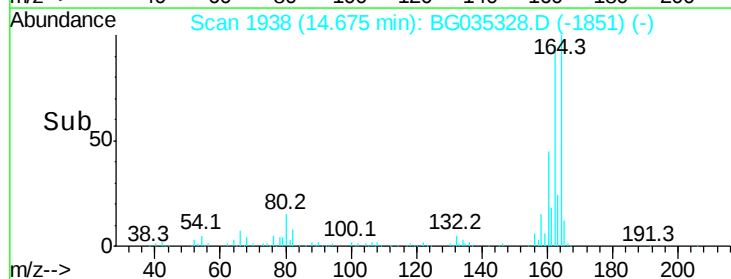
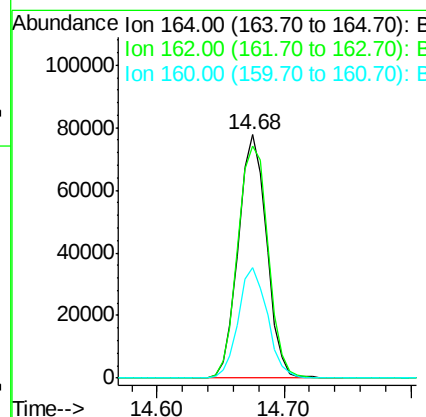
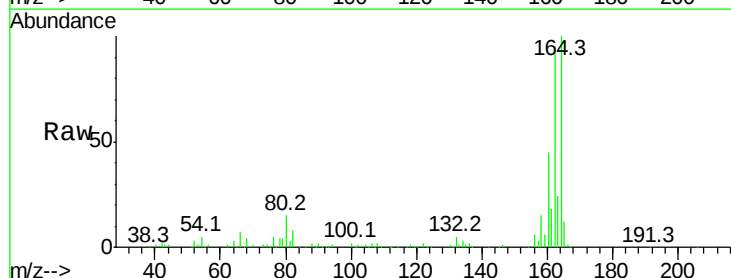
Instrument :
 BNA_G
 ClientSampleId :
 SP-A

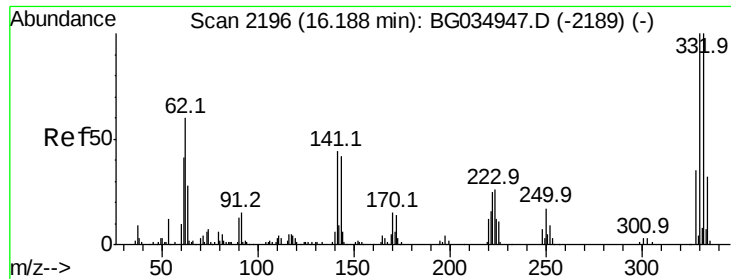
Tot Ion: 82 Resp: 438074
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 40.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035328.D
 Acq: 22 Jun 2018 10:50

Tgt Ion:164 Resp: 119751
 Ion Ratio Lower Upper
 164 100
 162 95.2 78.8 118.2
 160 45.4 35.4 53.0

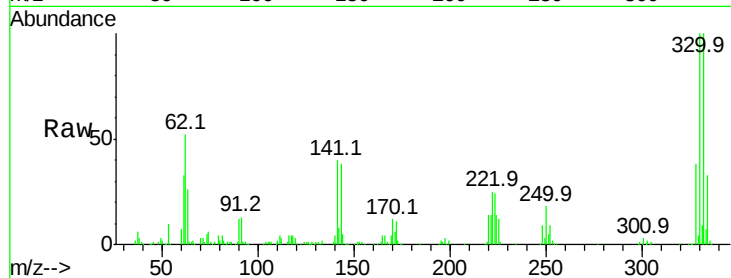




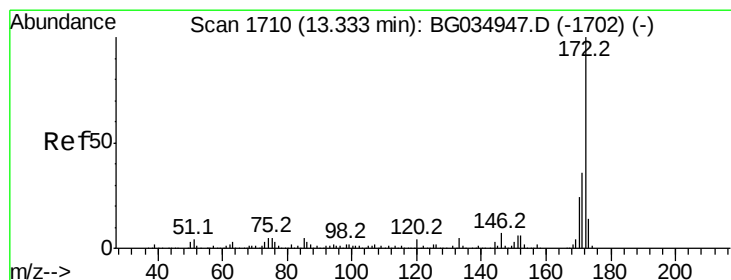
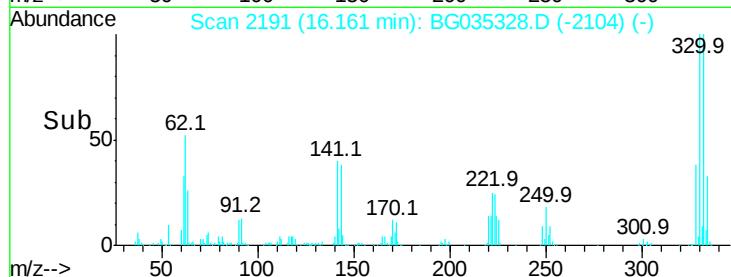
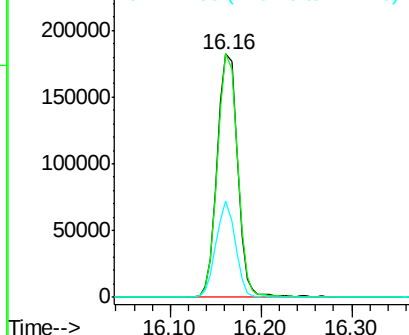
#41
 2,4,6-Tribromophenol
 Concen: 186.806 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035328.D
 Acq: 22 Jun 2018 10:50

Instrument :
 BNA_G
 ClientSampled :
 SP-A

Tot Ion:330 Resp: 286367
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.0 115.6
 141 37.2 25.2 37.8

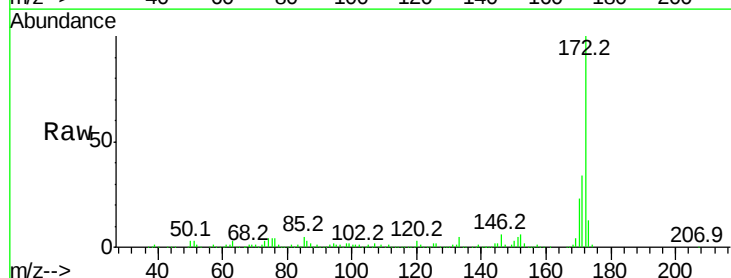


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

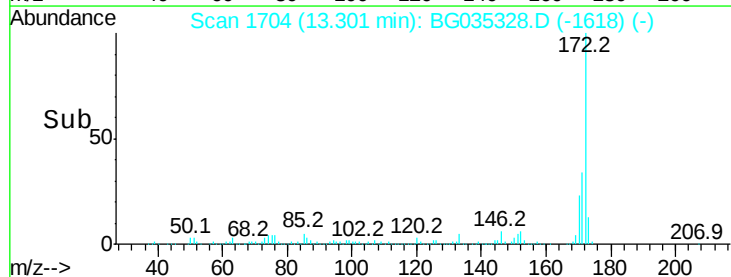
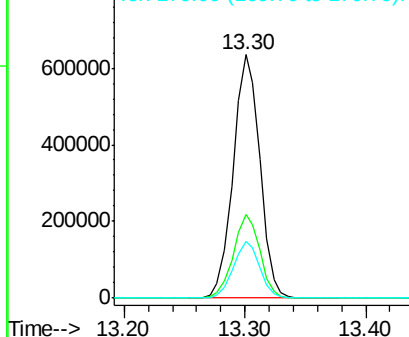


#44
 2-Fluorobiphenyl
 Concen: 105.826 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035328.D
 Acq: 22 Jun 2018 10:50

Tgt Ion:172 Resp: 974831
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.2 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: BG035328.D

Acq: 22 Jun 2018 10:50

Instrument :

BNA_G

ClientSampleId :

SP-A

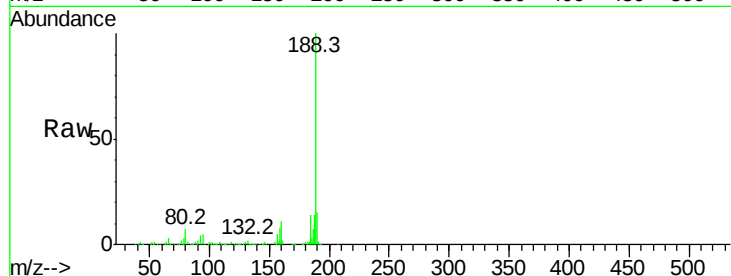
Tot Ion:188 Resp: 330202

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

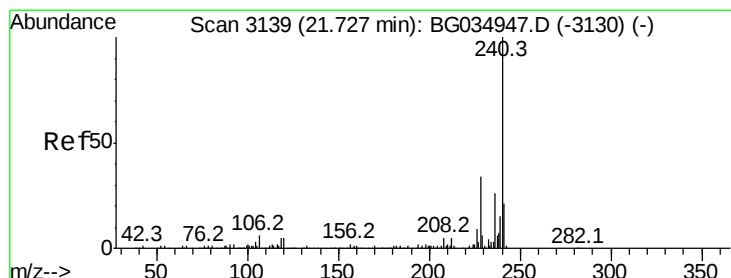
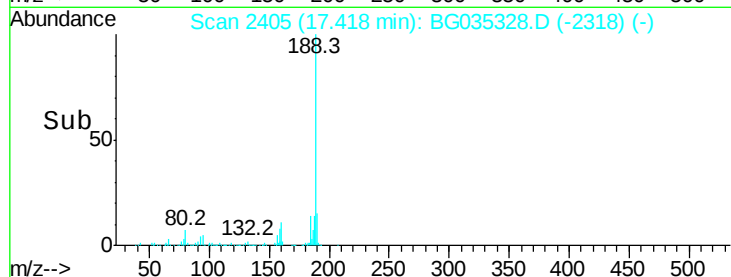
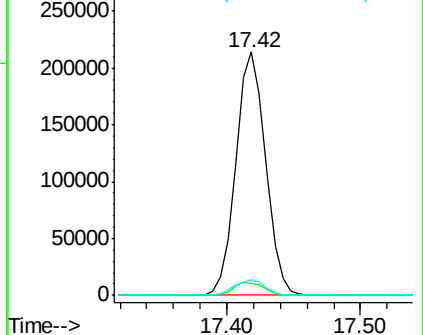
80 6.7 7.7 11.5#



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. -0.03 min

Lab File: BG035328.D

Acq: 22 Jun 2018 10:50

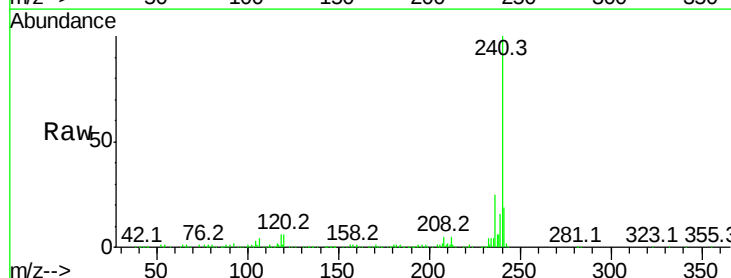
Tgt Ion:240 Resp: 379461

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

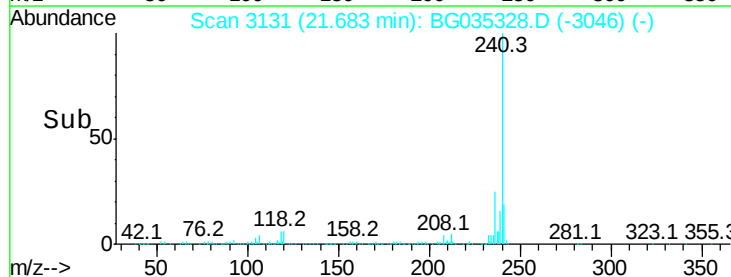
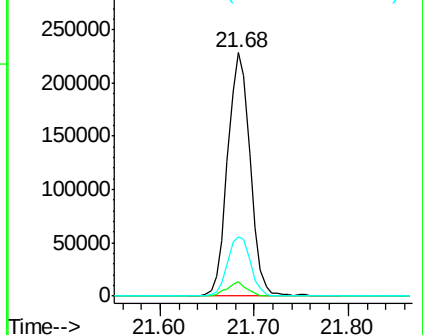
236 24.6 20.9 31.3



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: 99.779 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035328.D

Acq: 22 Jun 2018 10:50

Instrument :

BNA_G

ClientSampleId :

SP-A

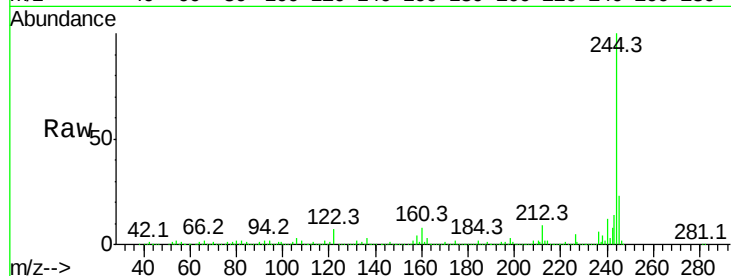
Tot Ion:244 Resp: 1807544

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

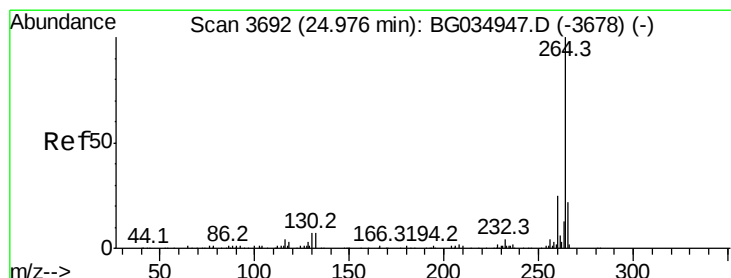
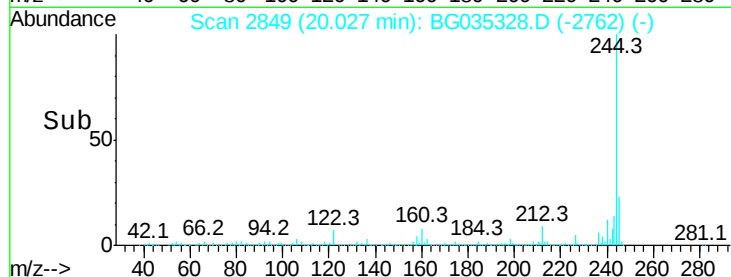
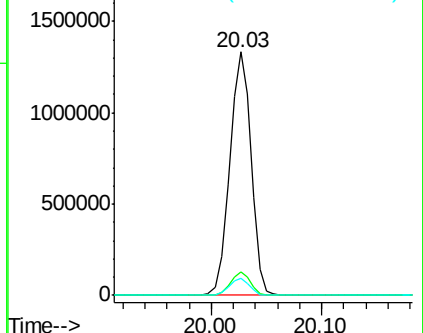
122 7.1 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035328.D

Acq: 22 Jun 2018 10:50

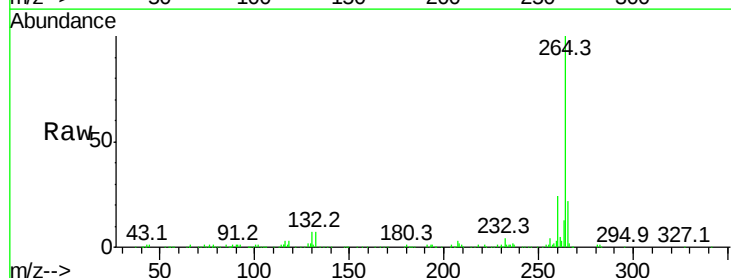
Tgt Ion:264 Resp: 361849

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.6 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

