

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035501.D
 Acq On : 29 Jun 2018 6:01
 Operator : JU/SJ
 Sample : J3691-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-19

Quant Time: Jun 29 08:07:51 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

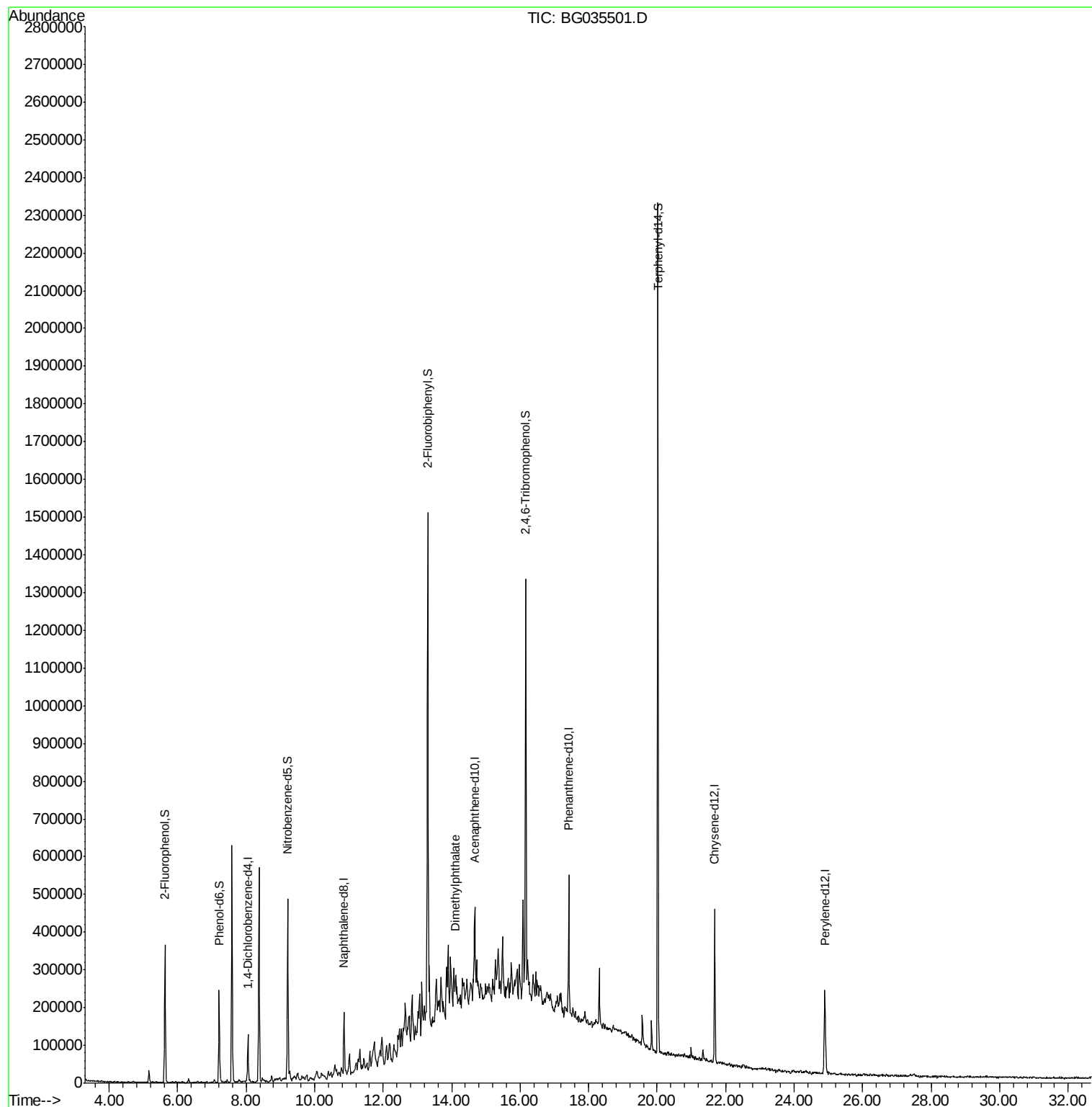
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	34895	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	131745	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	93305	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	225437	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	253625	20.00	ng	-0.03
86) Perylene-d12	24.90	264	247920	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	162119	78.40	ng	-0.02
7) Phenol-d6	7.21	99	154673	50.68	ng	-0.01
23) Nitrobenzene-d5	9.21	82	323885	116.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.17	330	210868	176.54	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	715954	99.75	ng	-0.03
78) Terphenyl-d14	20.03	244	1113078	91.93	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	33869	4.163	ng	Qvalue # 95

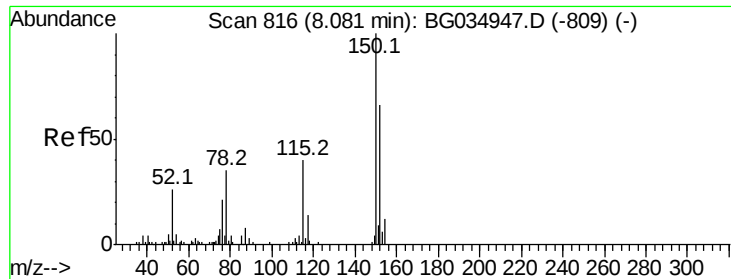
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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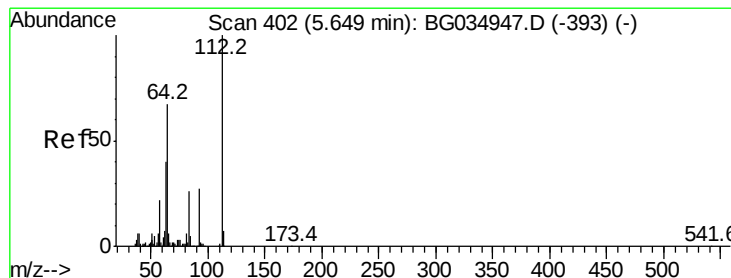
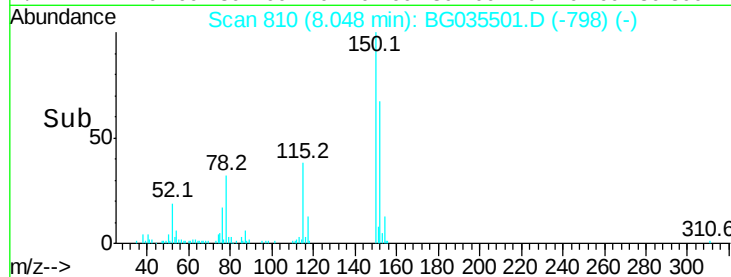
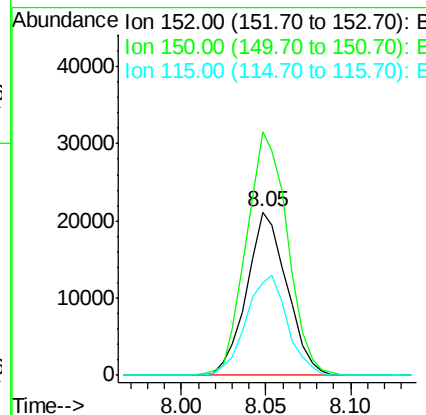
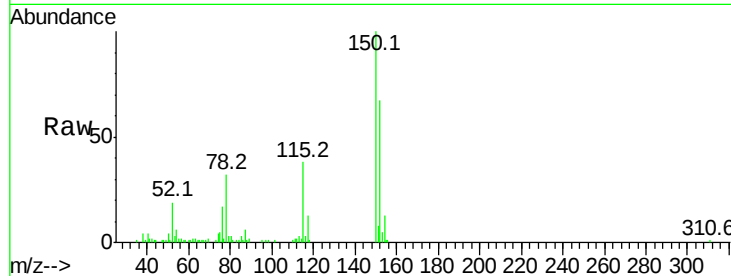


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035501.D
Acq: 29 Jun 2018 6:01

Instrument :
BNA_G
ClientSampleId :
W-19

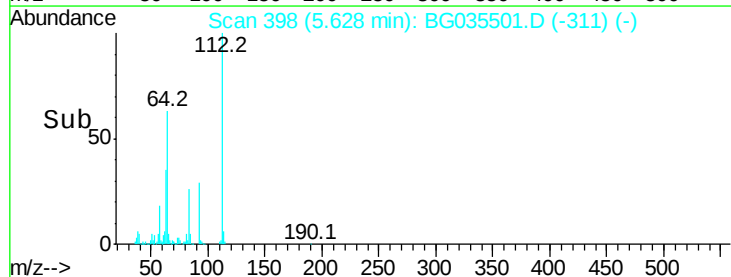
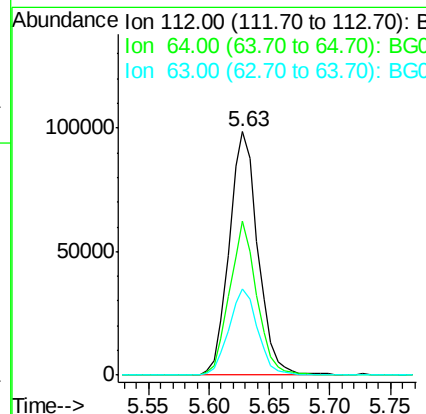
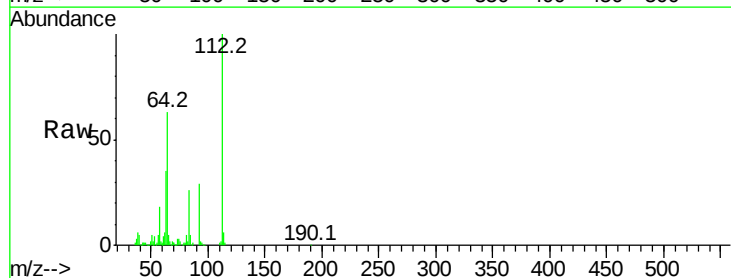
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.6	189.8
115	56.7	53.0	79.4

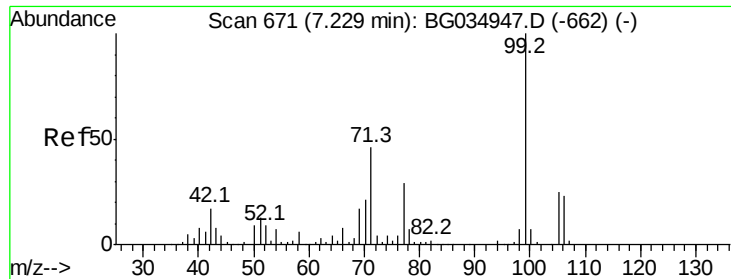


#5

2-Fluorophenol
Concen: 78.405 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035501.D
Acq: 29 Jun 2018 6:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	56.3	84.5
63	35.3	30.1	45.1





#7

Phenol-d6

Concen: 50.682 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

Instrument :

BNA_G

ClientSampleId :

W-19

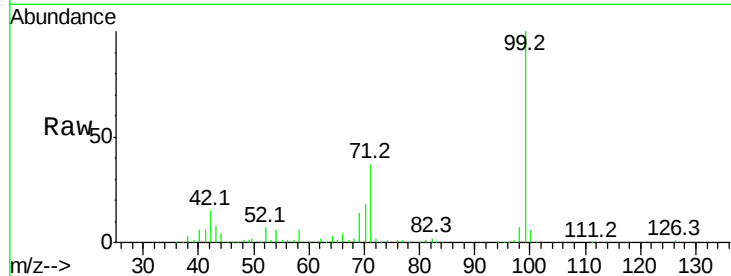
Tot Ion: 99 Resp: 154673

Ion Ratio Lower Upper

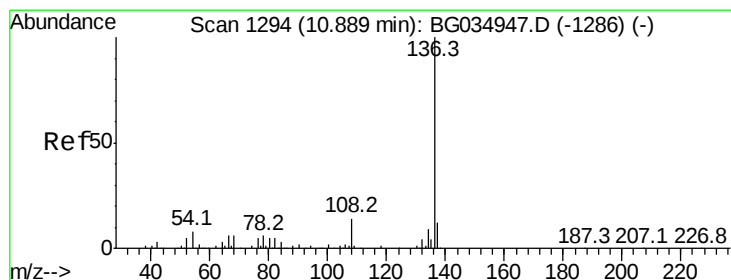
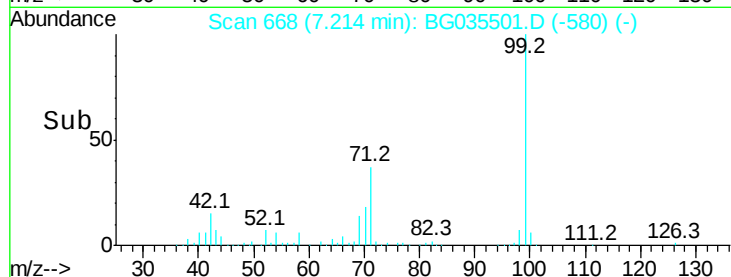
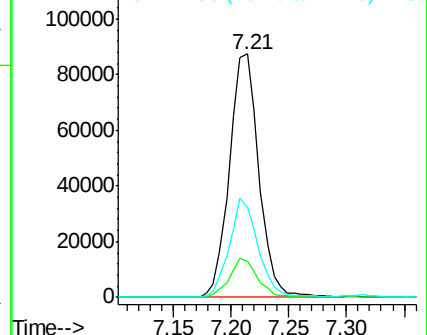
99 100

42 14.9 14.1 21.1

71 36.7 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: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

Tgt Ion: 136 Resp: 131745

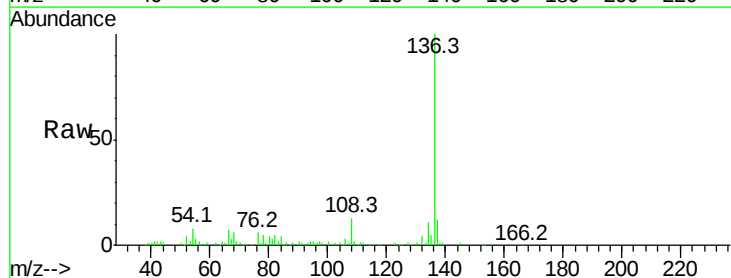
Ion Ratio Lower Upper

136 100

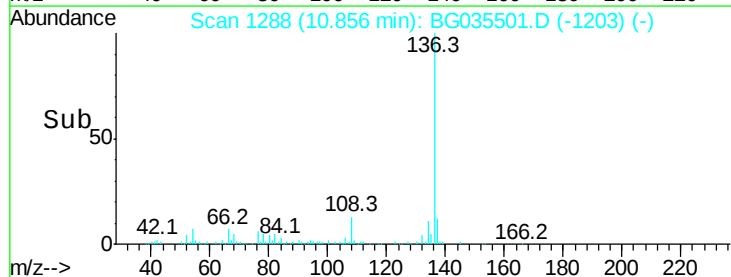
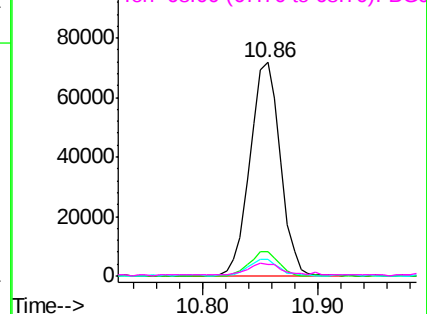
137 11.6 9.2 13.8

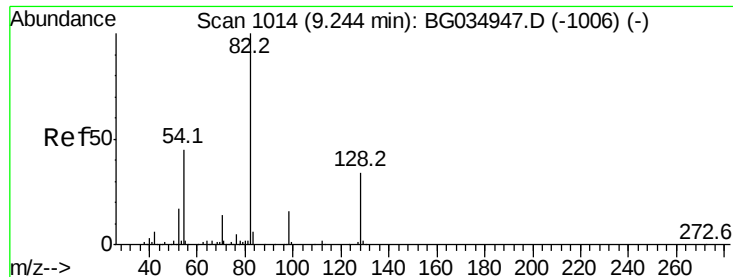
54 7.7 10.3 15.5#

68 5.5 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: 116.860 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

Instrument :

BNA_G

ClientSampleId :

W-19

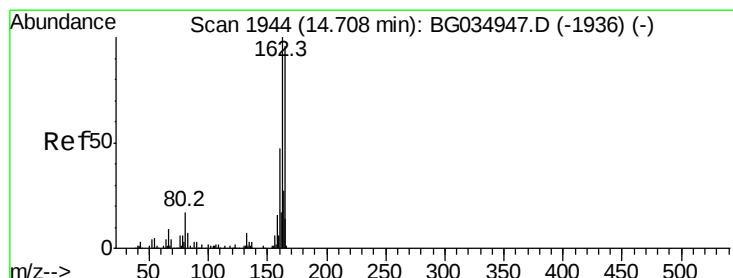
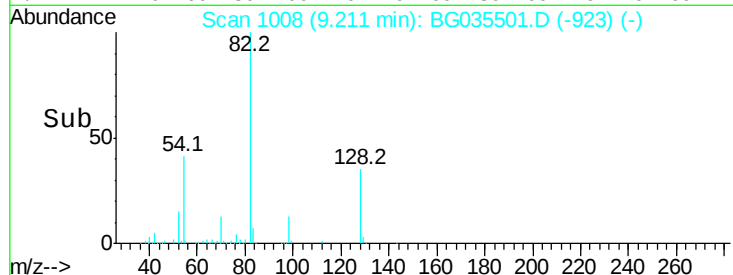
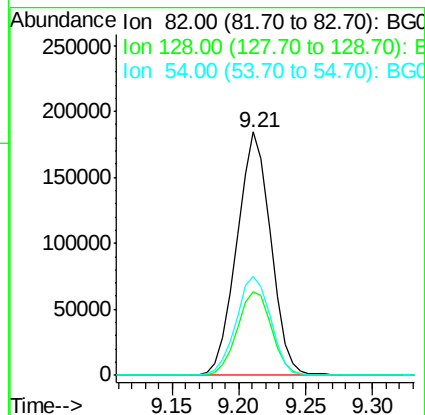
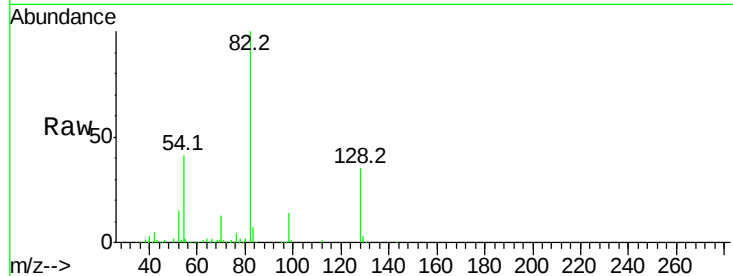
Tot Ion: 82 Resp: 323885

Ion Ratio Lower Upper

82 100

128 34.5 29.7 44.5

54 40.9 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: BG035501.D

Acq: 29 Jun 2018 6:01

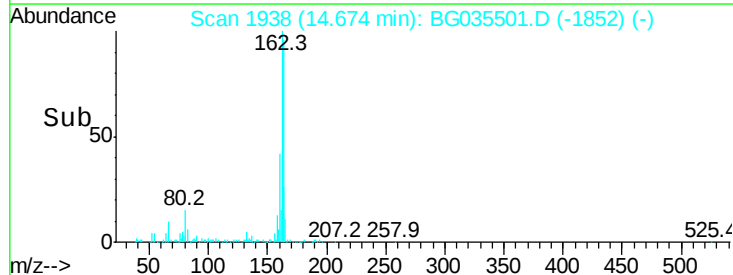
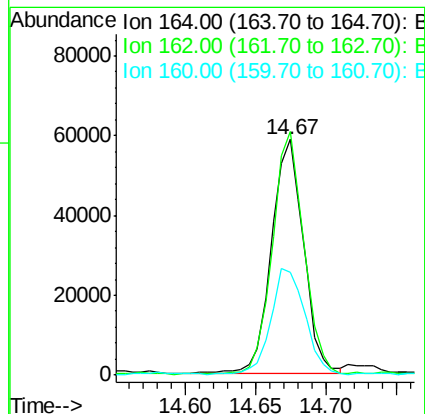
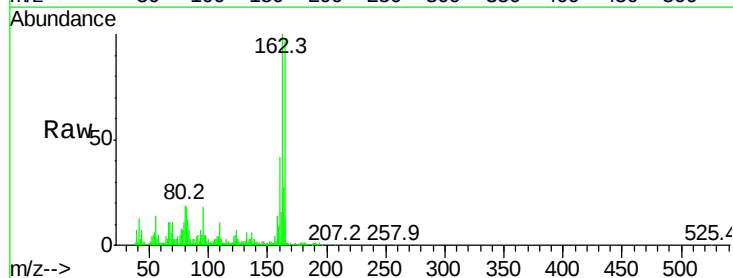
Tgt Ion:164 Resp: 93305

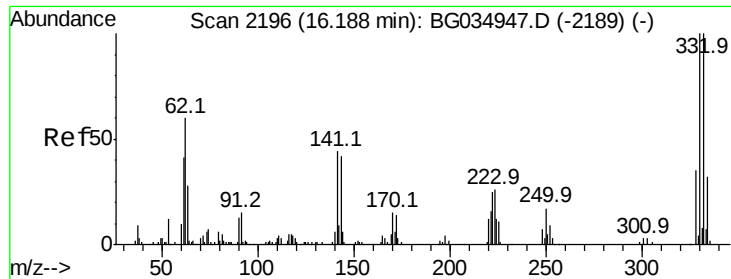
Ion Ratio Lower Upper

164 100

162 103.5 78.8 118.2

160 43.9 35.4 53.0

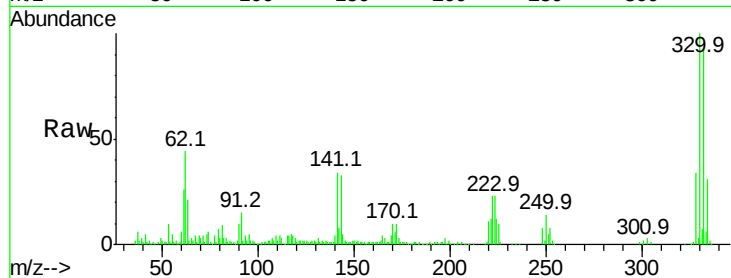




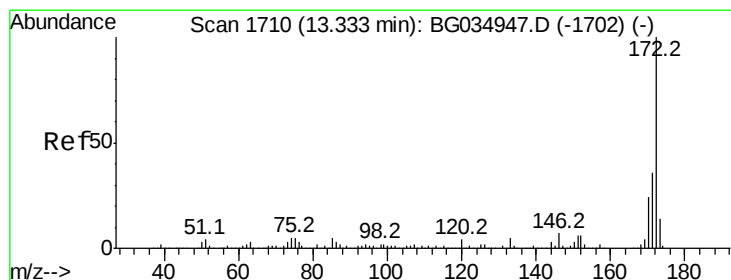
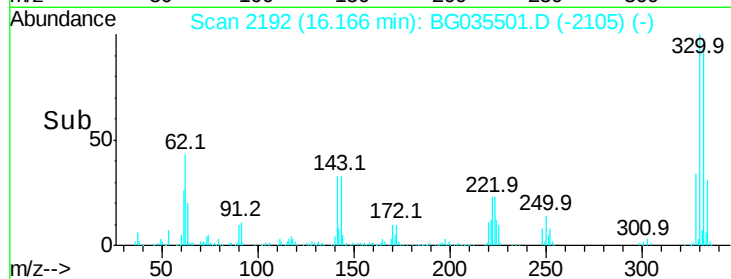
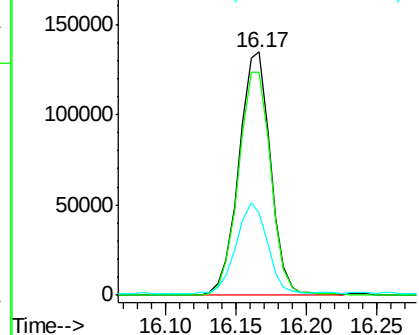
#41
 2,4,6-Tribromophenol
 Concen: 176.544 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035501.D
 Acq: 29 Jun 2018 6:01

Instrument :
 BNA_G
 ClientSampleId :
 W-19

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	37.3	25.2	37.8

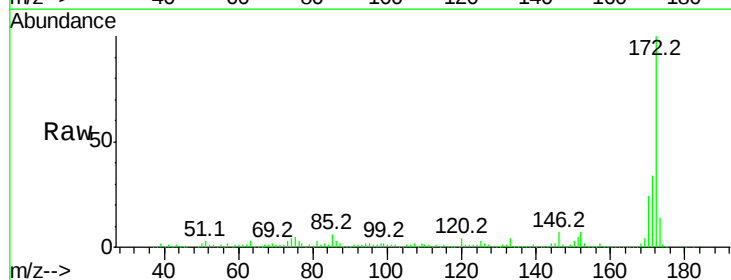


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

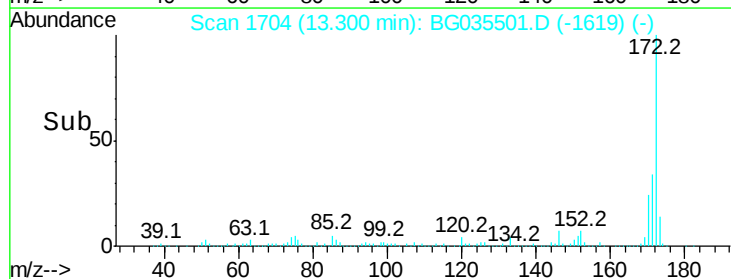
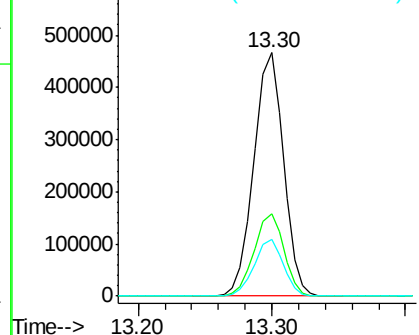


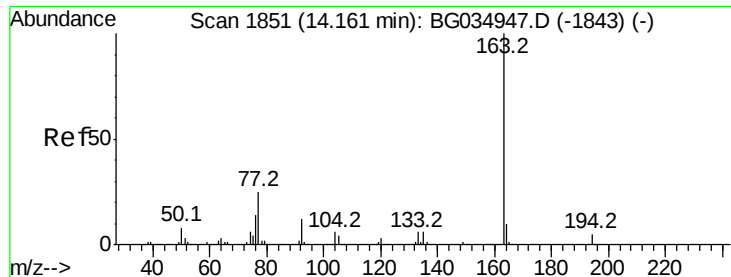
#44
 2-Fluorobiphenyl
 Concen: 99.752 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035501.D
 Acq: 29 Jun 2018 6:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	23.5	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





#49

Dimethylphthalate

Concen: 4.163 ng

RT: 14.12 min Scan# 1843

Delta R.T. -0.04 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

Instrument :

BNA_G

ClientSampleId :

W-19

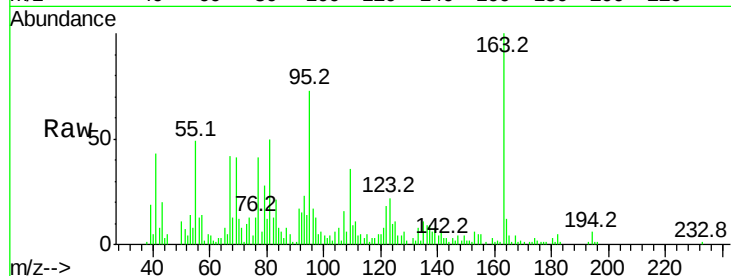
Tot Ion:163 Resp: 33869

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

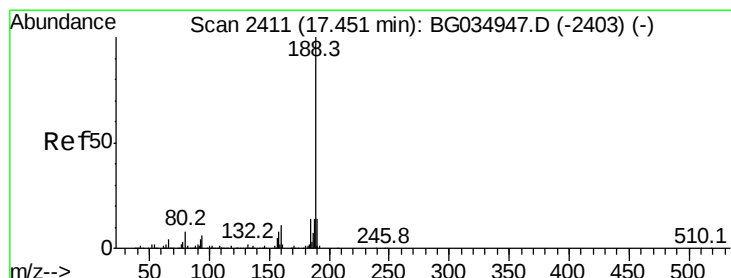
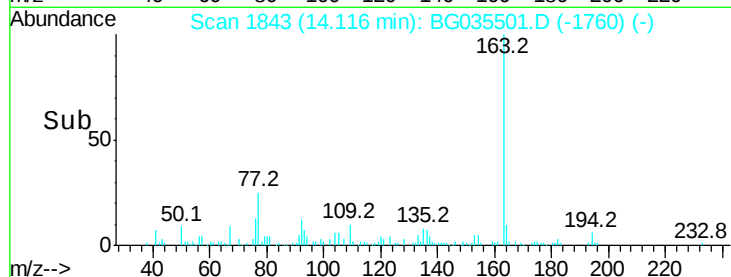
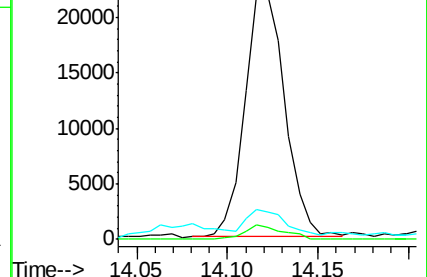
164 12.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

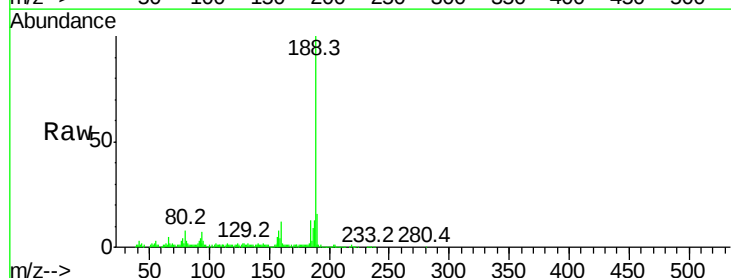
Tgt Ion:188 Resp: 225437

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

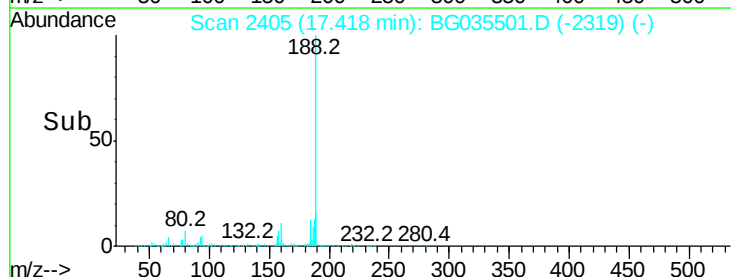
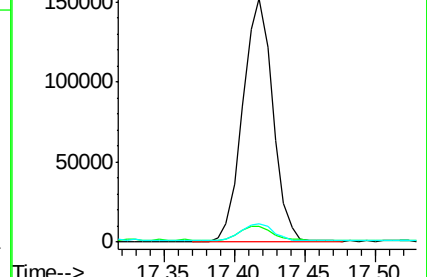
80 7.5 7.7 11.5#

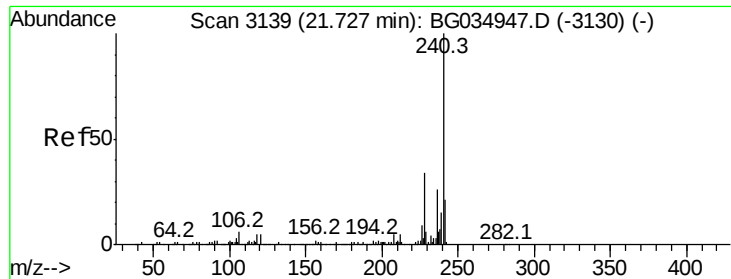


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

Instrument :

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ClientSampleId :

W-19

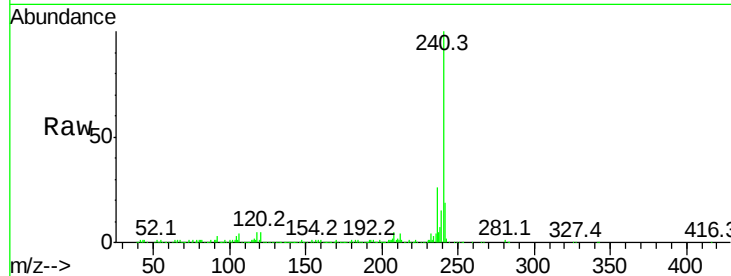
Tot Ion:240 Resp: 253625

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

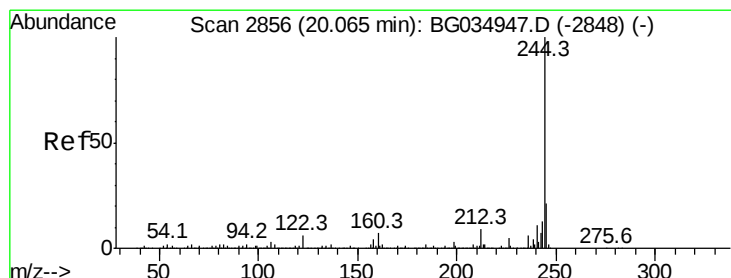
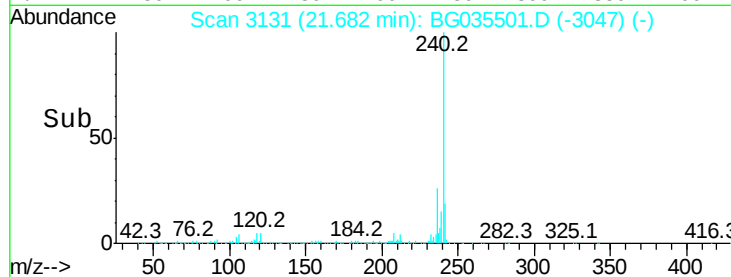
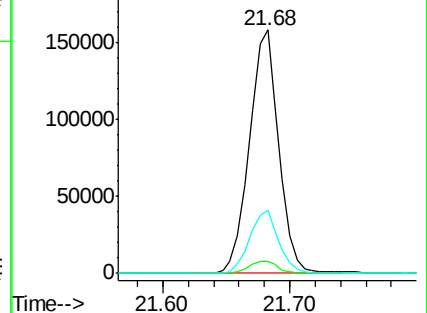
236 25.8 20.9 31.3



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: 91.928 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035501.D

Acq: 29 Jun 2018 6:01

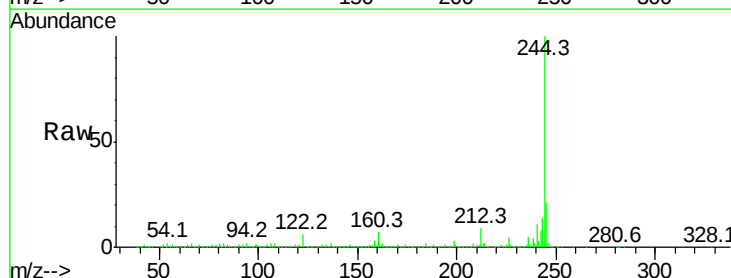
Tgt Ion:244 Resp: 1113078

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

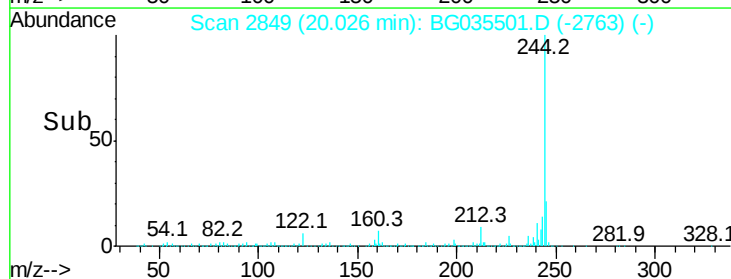
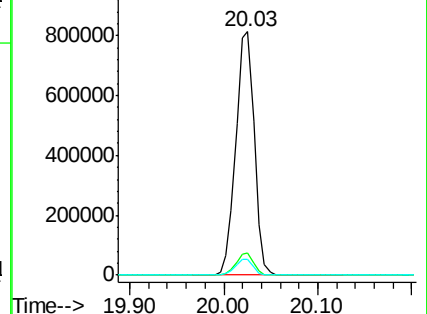
122 6.3 7.0 10.4#

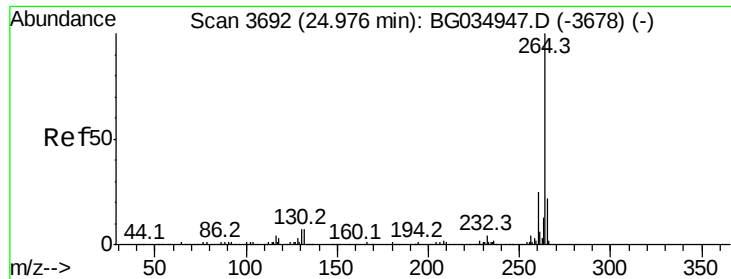


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

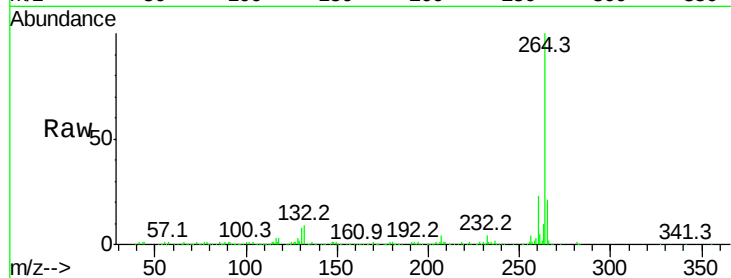




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035501.D
Acq: 29 Jun 2018 6:01

Instrument :
BNA_G
ClientSampleId :
W-19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	20.6	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

