

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035500.D
 Acq On : 29 Jun 2018 5:22
 Operator : JU/SJ
 Sample : J3718-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Quant Time: Jun 29 08:06:51 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

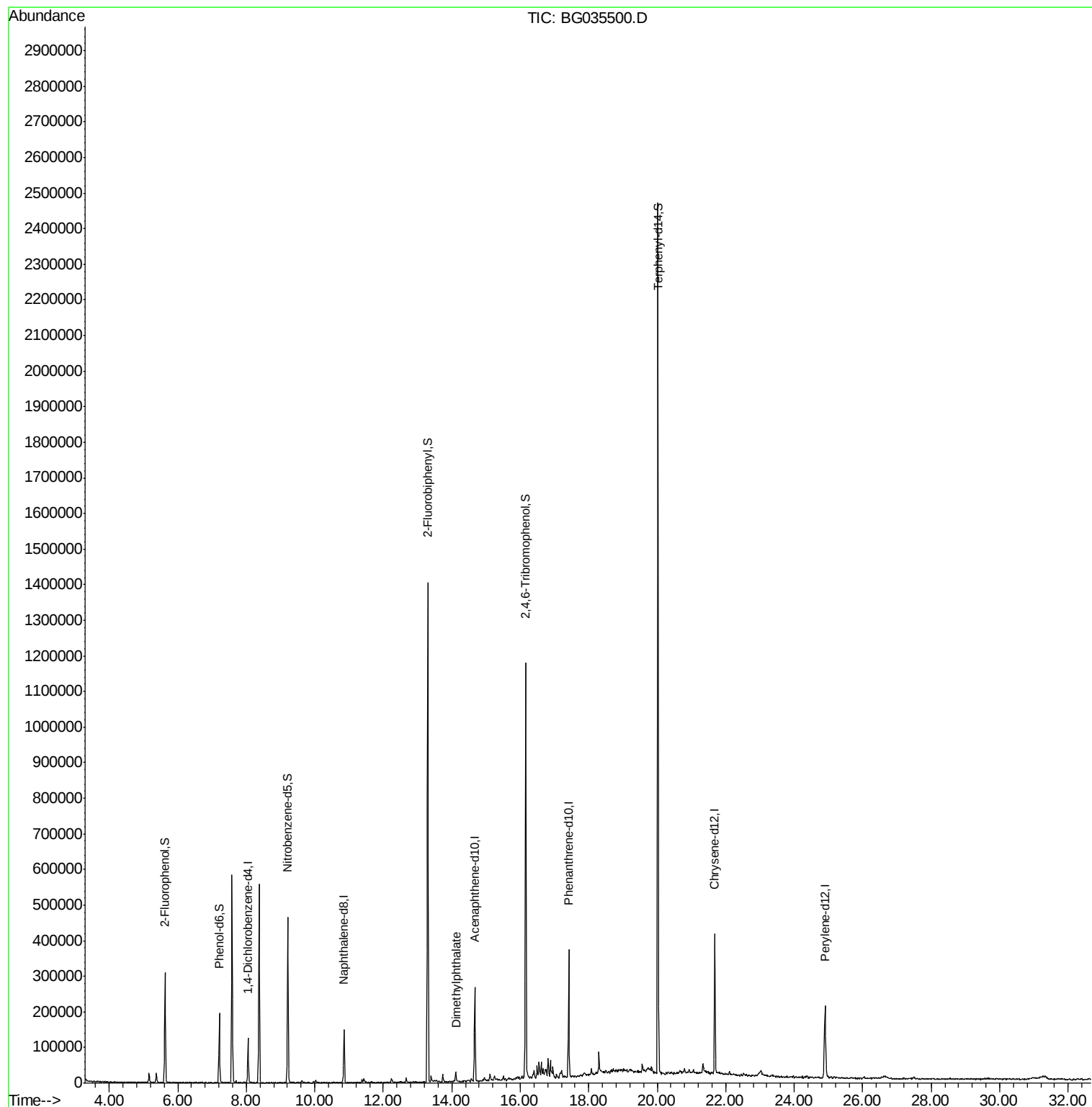
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36890	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	127598	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	91820	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	238859	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	254768	20.00	ng	-0.04
86) Perylene-d12	24.90	264	242798	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	134126	61.36	ng	-0.02
7) Phenol-d6	7.21	99	125351	38.85	ng	-0.01
23) Nitrobenzene-d5	9.21	82	315999	117.72	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	218139	185.59	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	744656	105.43	ng	-0.03
78) Terphenyl-d14	20.02	244	1252015	102.94	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.12	163	17489	2.184	ng	Qvalue 96

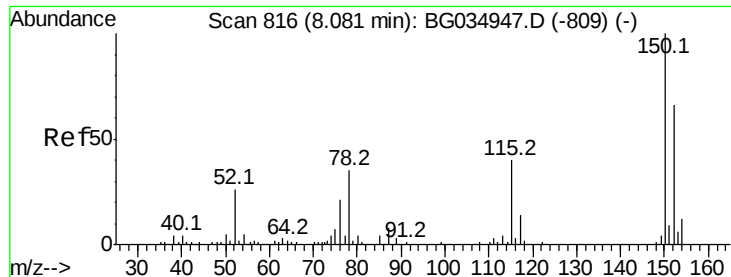
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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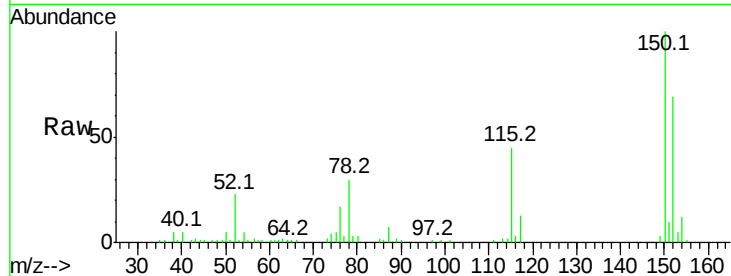


#1

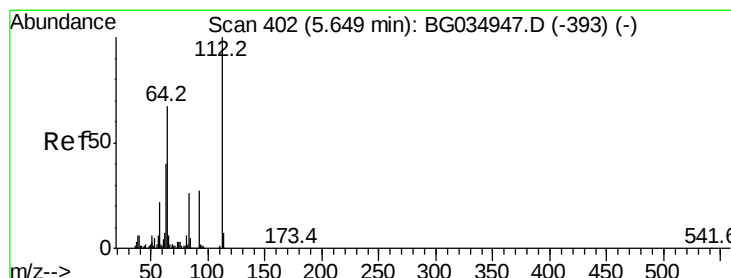
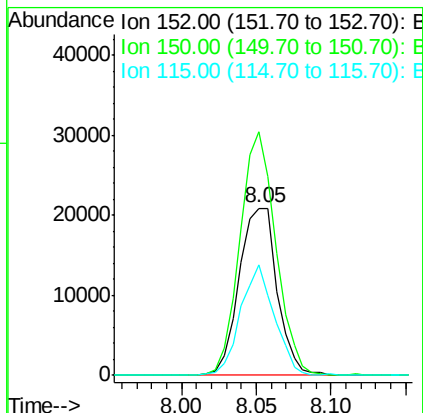
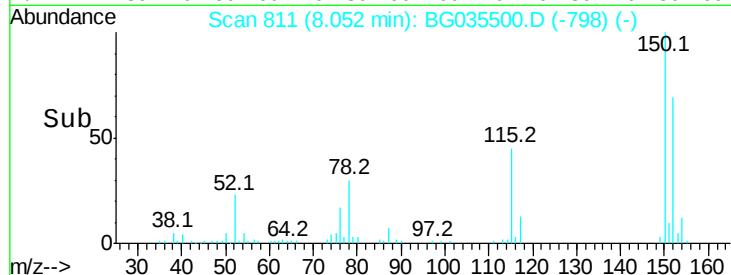
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Instrument :
BNA_G
ClientSampled :
W-33

Tot Ion:152 Resp: 36890
Ion Ratio Lower Upper
152 100
150 145.8 126.6 189.8
115 65.8 53.0 79.4



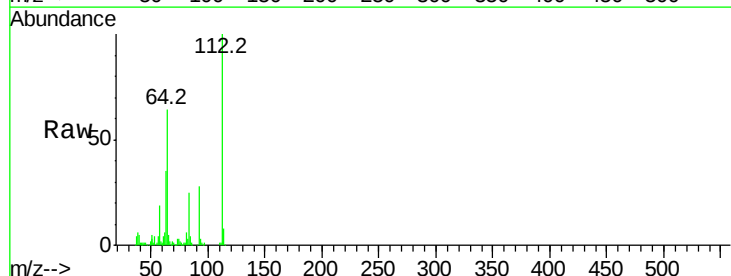
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



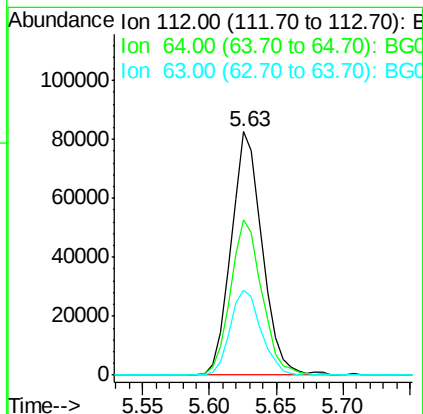
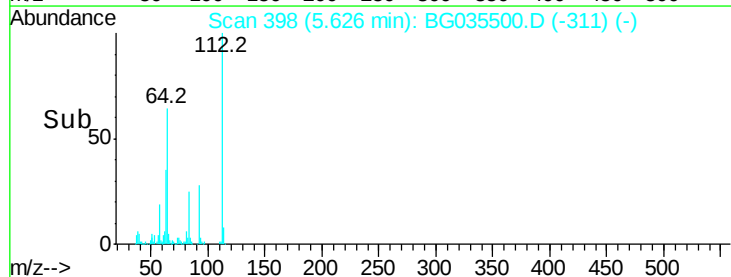
#5

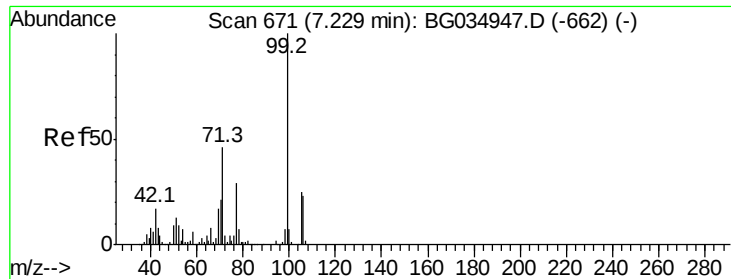
2-Fluorophenol
Concen: 61.359 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035500.D
Acq: 29 Jun 2018 5:22

Tgt Ion:112 Resp: 134126
Ion Ratio Lower Upper
112 100
64 63.8 56.3 84.5
63 34.9 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: 38.853 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Instrument :

BNA_G

ClientSampleId :

W-33

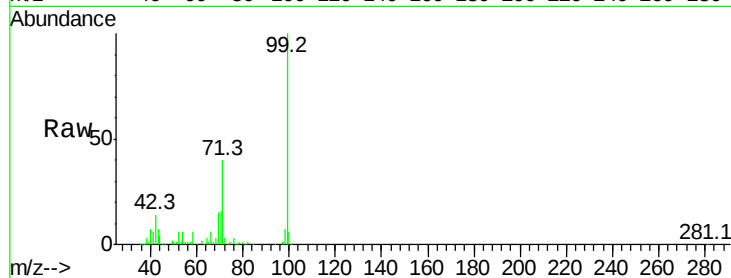
Tot Ion: 99 Resp: 125351

Ion Ratio Lower Upper

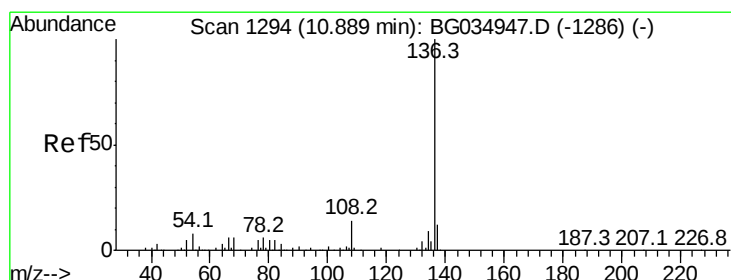
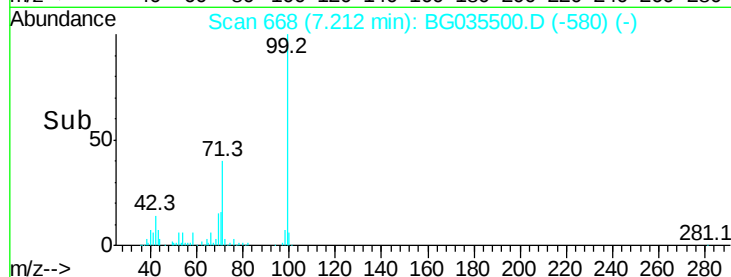
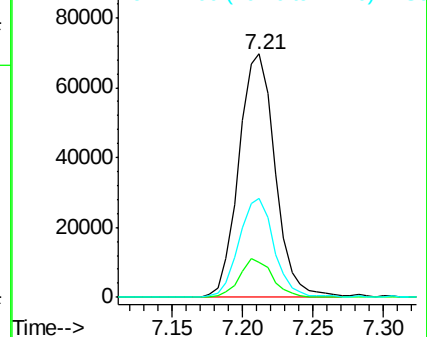
99 100

42 14.3 14.1 21.1

71 40.4 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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Tgt Ion: 136 Resp: 127598

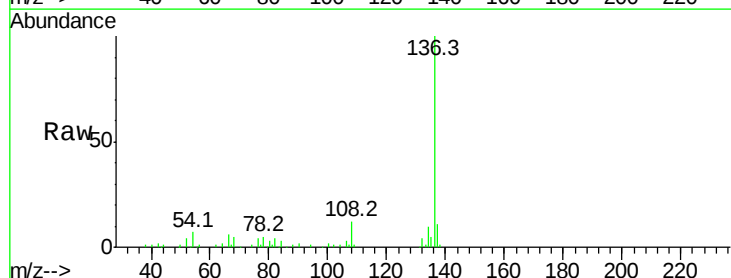
Ion Ratio Lower Upper

136 100

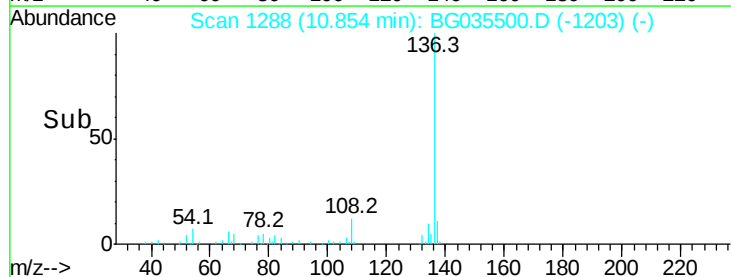
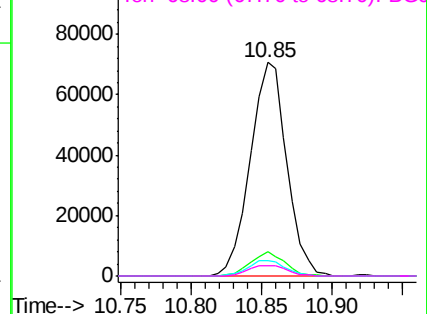
137 11.5 9.2 13.8

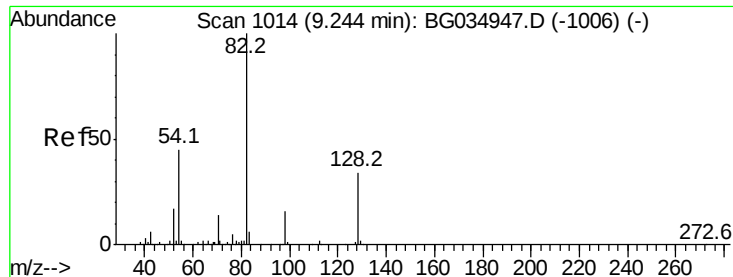
54 7.2 10.3 15.5#

68 5.0 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: 117.720 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Instrument :

BNA_G

ClientSampleId :

W-33

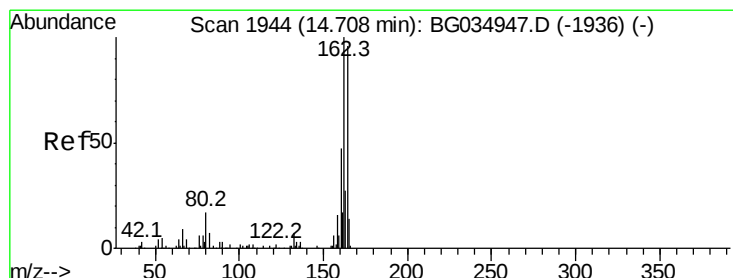
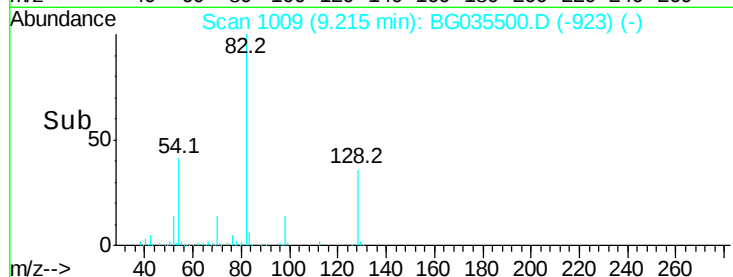
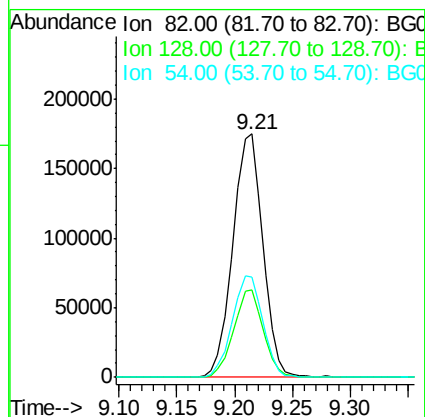
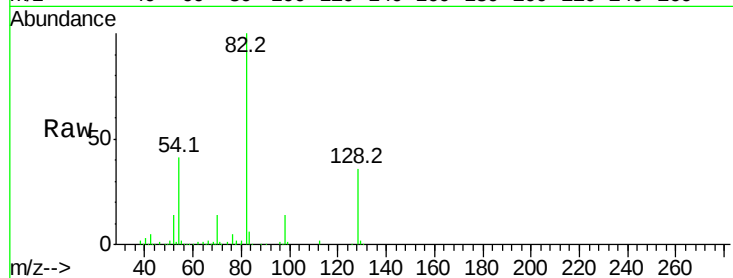
Tot Ion: 82 Resp: 315999

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

54 41.0 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: BG035500.D

Acq: 29 Jun 2018 5:22

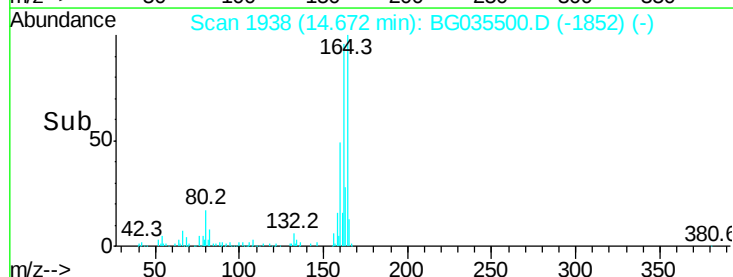
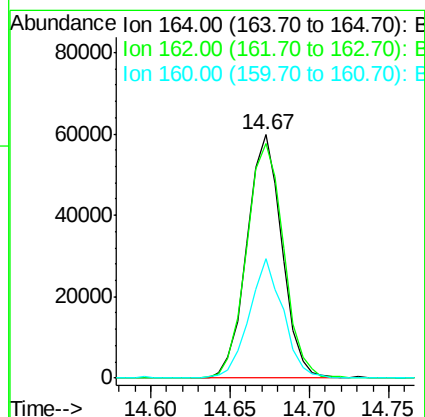
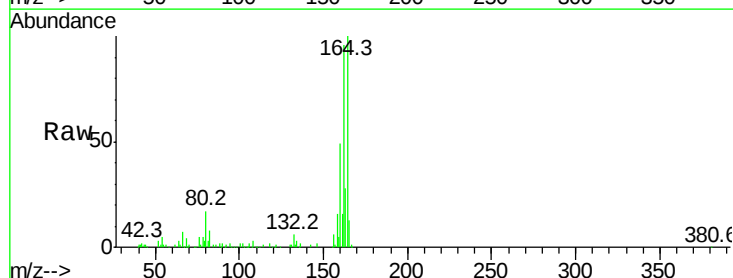
Tgt Ion:164 Resp: 91820

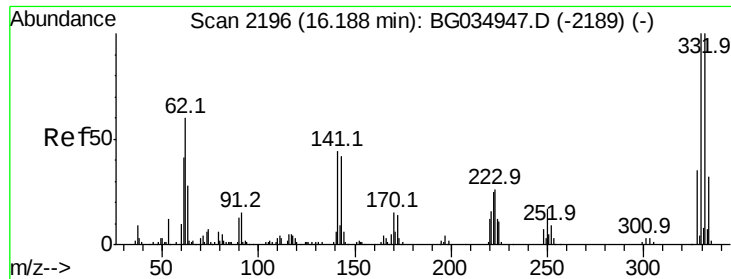
Ion Ratio Lower Upper

164 100

162 96.4 78.8 118.2

160 49.3 35.4 53.0

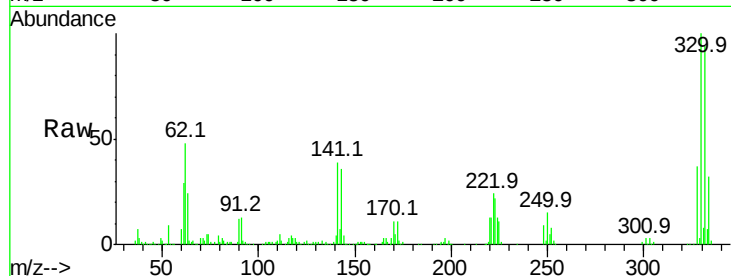




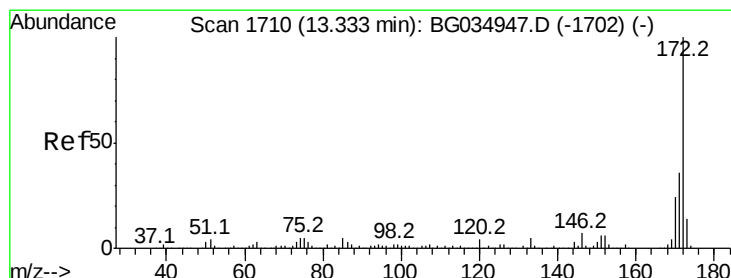
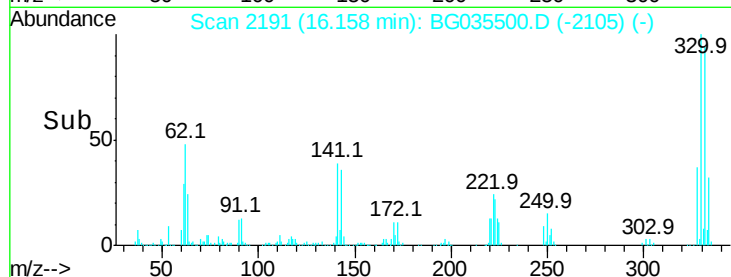
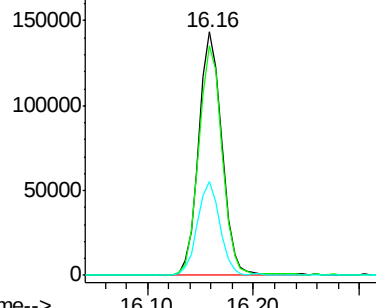
#41
 2,4,6-Tribromophenol
 Concen: 185.585 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	37.3	25.2	37.8

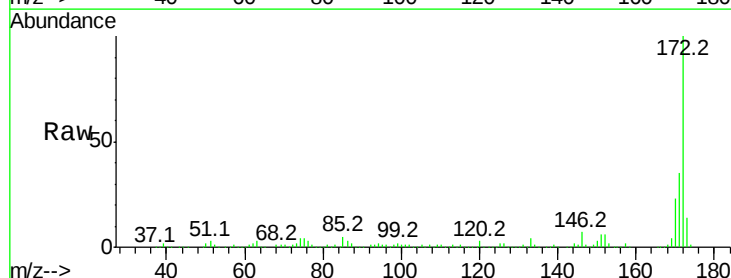


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

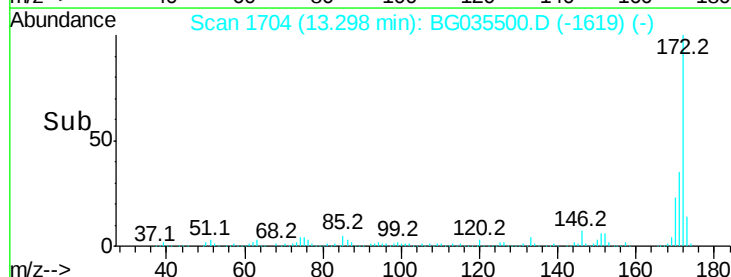
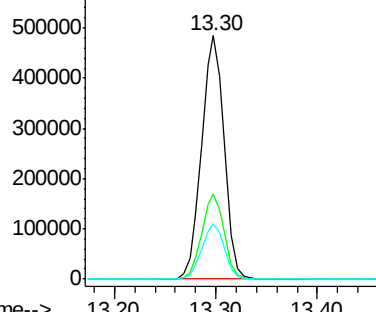


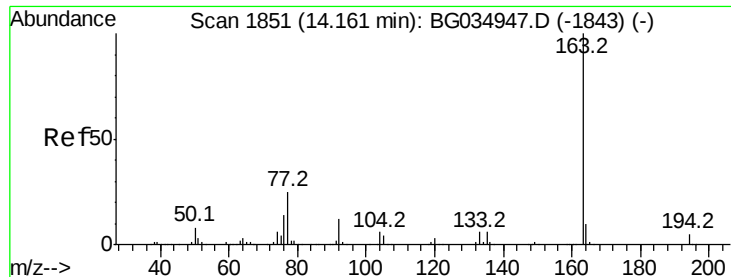
#44
 2-Fluorobiphenyl
 Concen: 105.429 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.9	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: 2.184 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Instrument :

BNA_G

ClientSampleId :

W-33

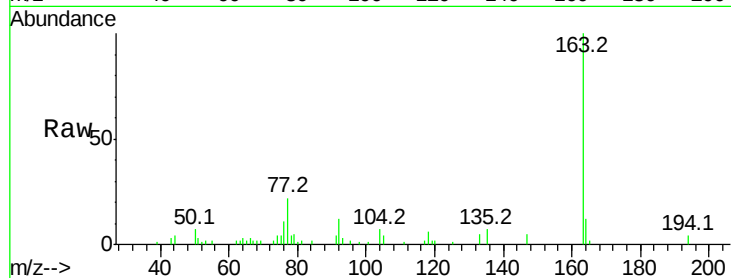
Tot Ion:163 Resp: 17489

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

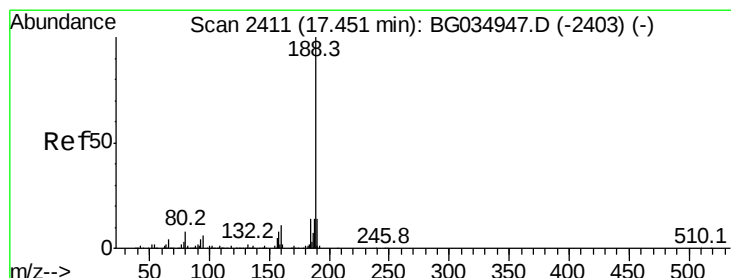
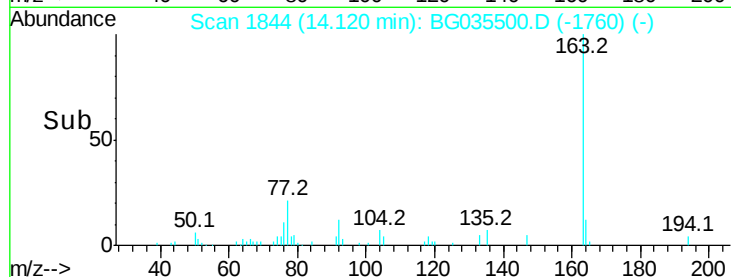
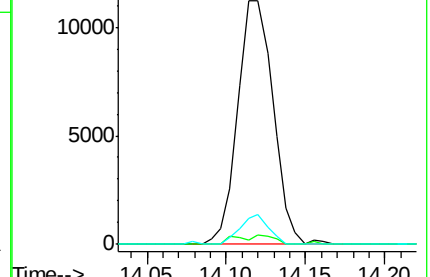
164 12.3 8.2 12.4



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: BG035500.D

Acq: 29 Jun 2018 5:22

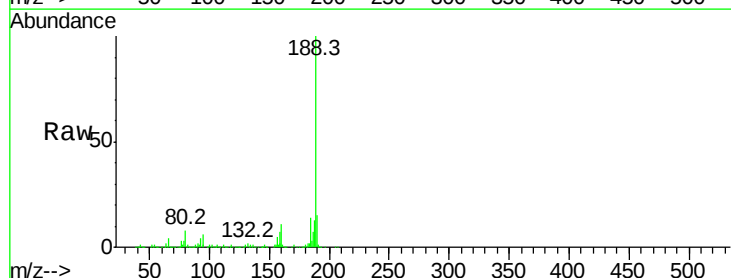
Tgt Ion:188 Resp: 238859

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

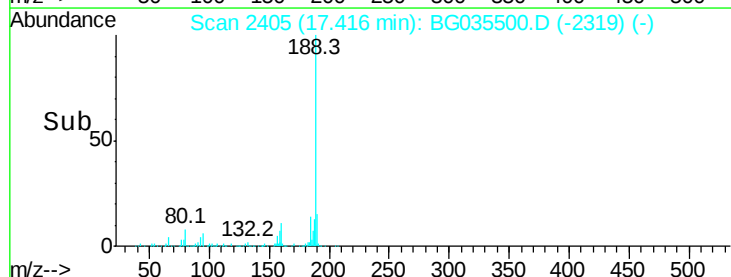
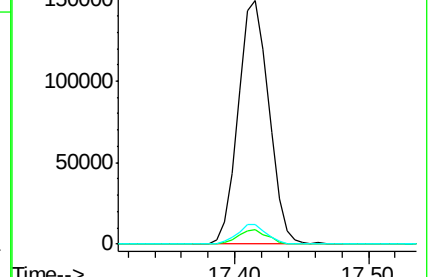
80 8.2 7.7 11.5

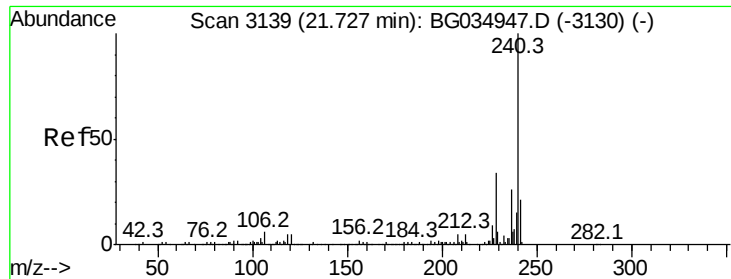


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.04 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

Instrument :

BNA_G

ClientSampleId :

W-33

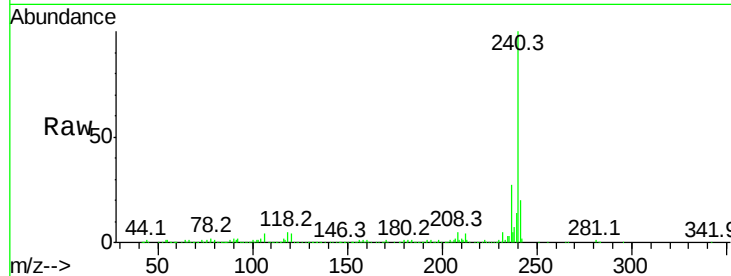
Tot Ion:240 Resp: 254768

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

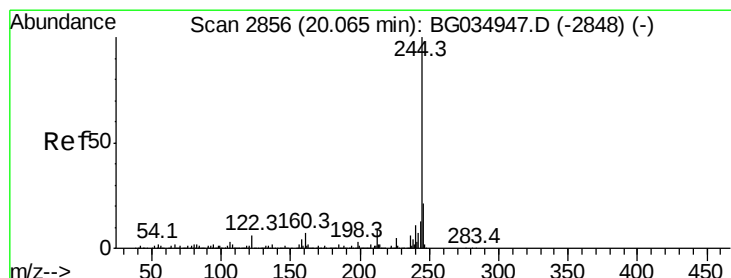
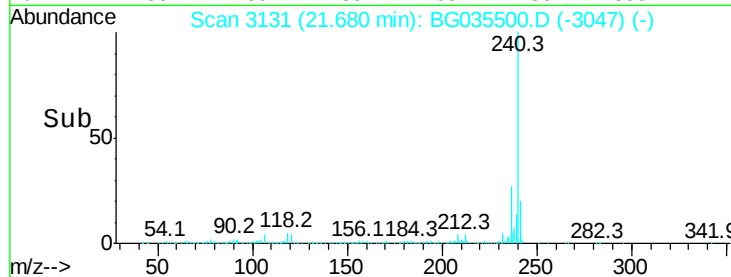
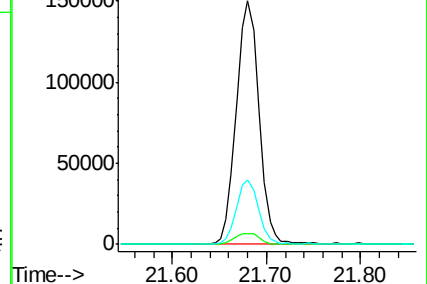
236 26.6 20.9 31.3



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: 102.939 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035500.D

Acq: 29 Jun 2018 5:22

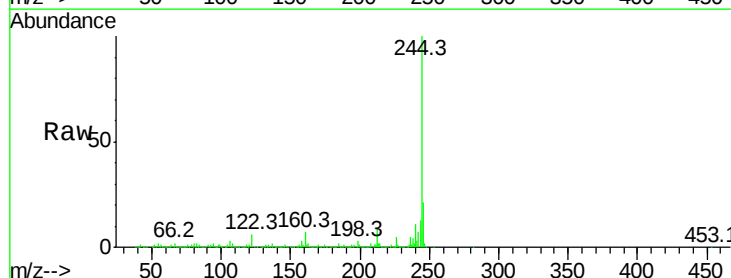
Tgt Ion:244 Resp: 1252015

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

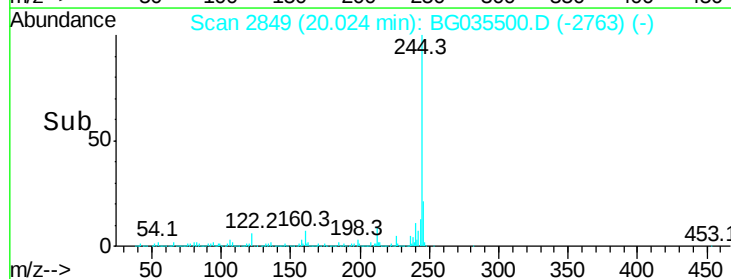
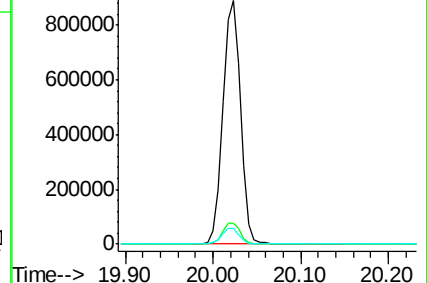
122 6.3 7.0 10.4#

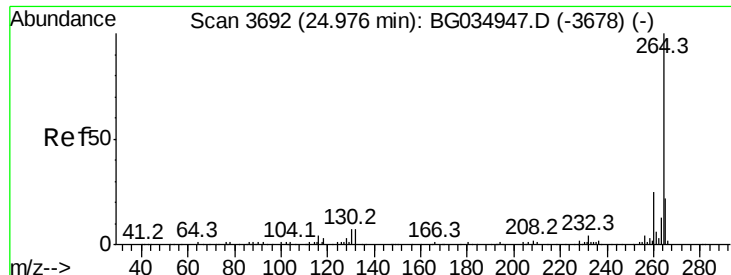


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

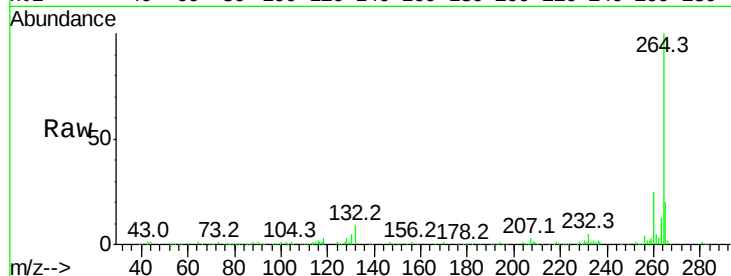




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.05 min
 Lab File: BG035500.D
 Acq: 29 Jun 2018 5:22

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	20.0	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

