

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028918.D
 Acq On : 25 Sep 2017 21:53
 Operator : SJ/JU
 Sample : PB102568BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102568BL

Quant Time: Sep 26 02:37:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26727	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	98932	20.00	ng	-0.05
38) Acenaphthene-d10	14.89	164	73350	20.00	ng	-0.05
63) Phenanthrene-d10	17.64	188	226534	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	277895	20.00	ng	-0.06
86) Perylene-d12	25.41	264	290755	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	230539	142.33	ng	-0.06
7) Phenol-d6	7.44	99	310877	127.47	ng	-0.05
23) Nitrobenzene-d5	9.45	82	195495	94.53	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	198033	163.24	ng	-0.05
44) 2-Fluorobiphenyl	13.51	172	514575	93.54	ng	-0.05
78) Terphenyl-d14	20.24	244	1271347	97.56	ng	-0.05

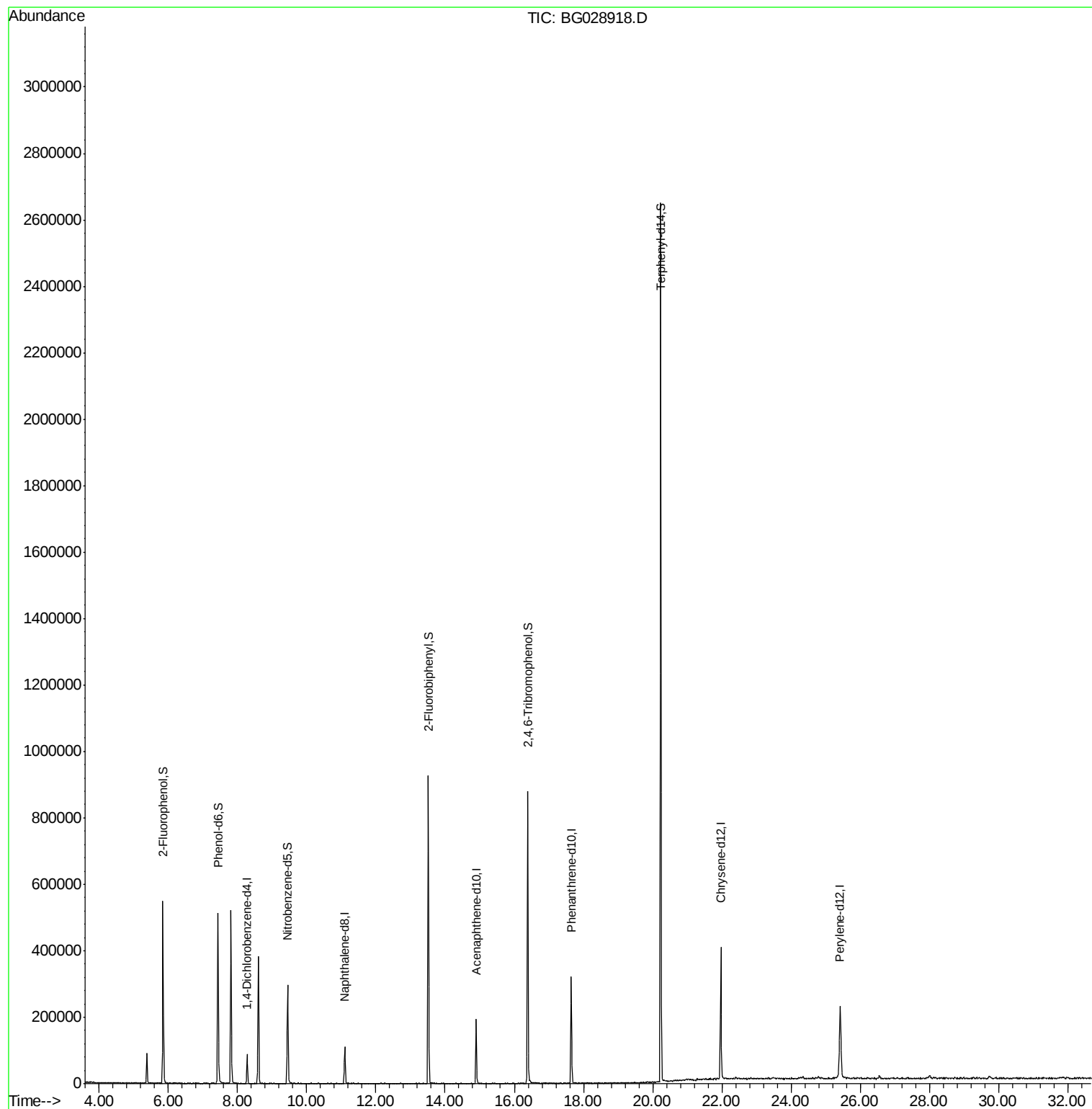
Target Compounds Qvalue

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

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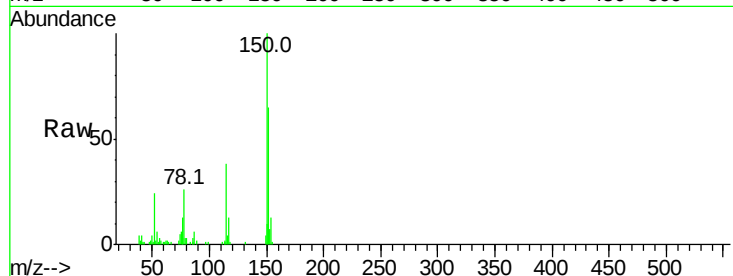


#1

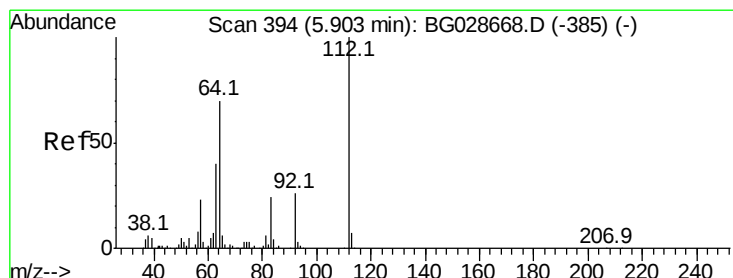
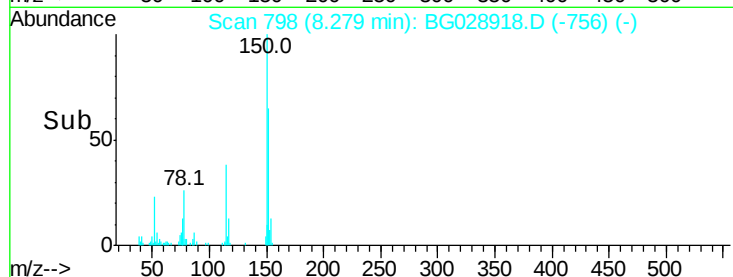
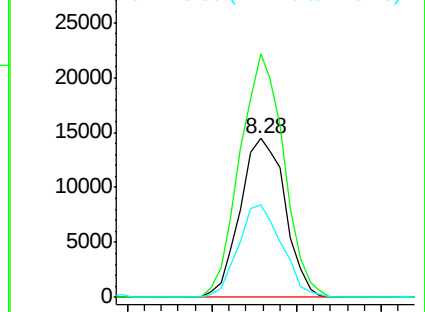
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

Instrument :
BNA_G
ClientSampleId :
PB102568BL

Tot Ion:152 Resp: 26727
Ion Ratio Lower Upper
152 100
150 153.1 114.0 171.0
115 58.5 48.1 72.1



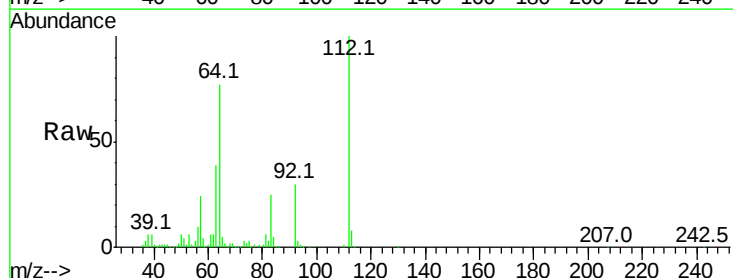
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



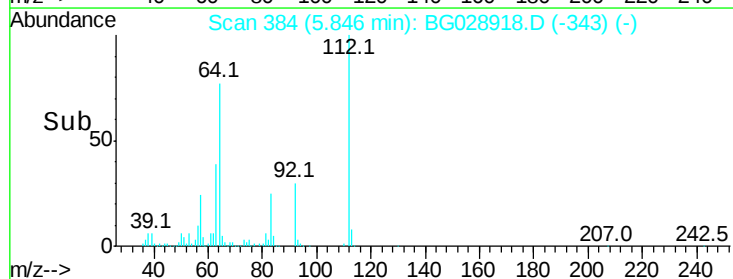
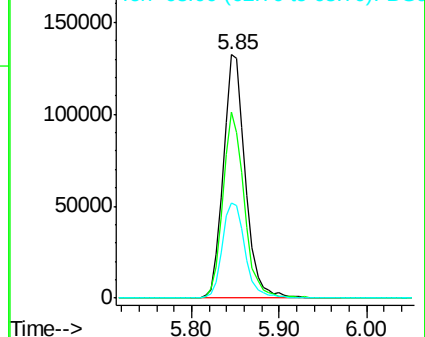
#5

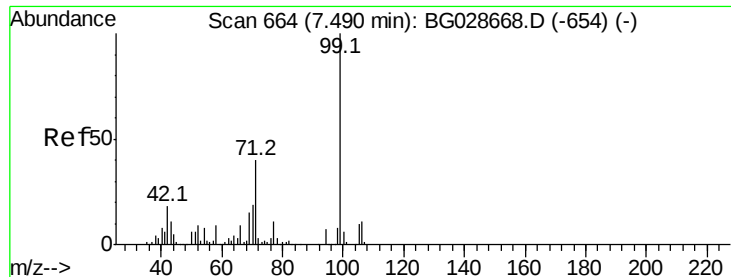
2-Fluorophenol
Concen: 142.328 ng
RT: 5.85 min Scan# 384
Delta R.T. -0.06 min
Lab File: BG028918.D
Acq: 25 Sep 2017 21:53

Tgt Ion:112 Resp: 230539
Ion Ratio Lower Upper
112 100
64 76.6 61.8 92.6
63 39.3 37.2 55.8



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: 127.473 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampleId :

PB102568BL

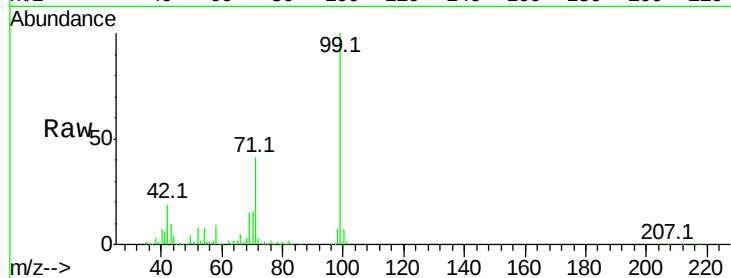
Tot Ion: 99 Resp: 310877

Ion Ratio Lower Upper

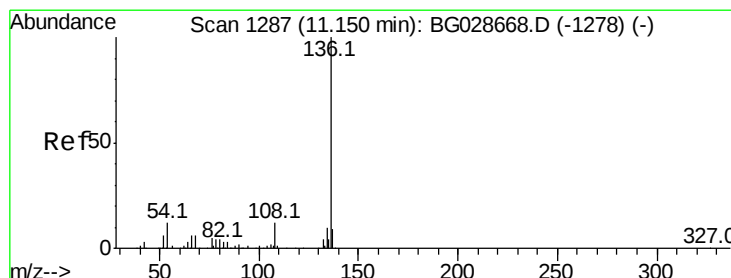
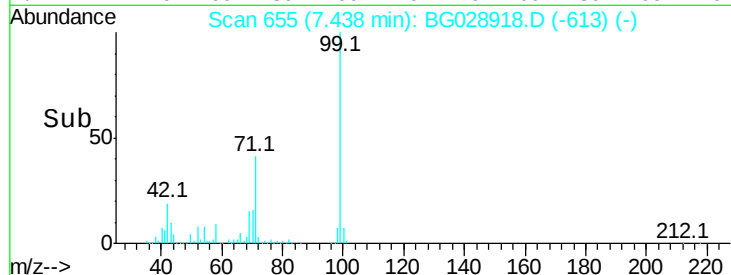
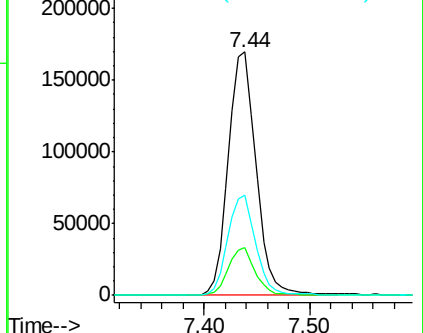
99 100

42 19.4 20.5 30.7#

71 41.0 37.6 56.4



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: 11.10 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Tgt Ion: 136 Resp: 98932

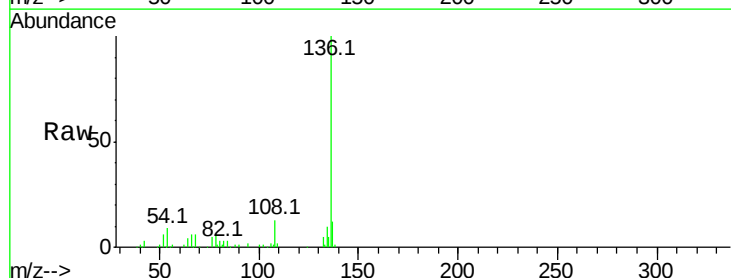
Ion Ratio Lower Upper

136 100

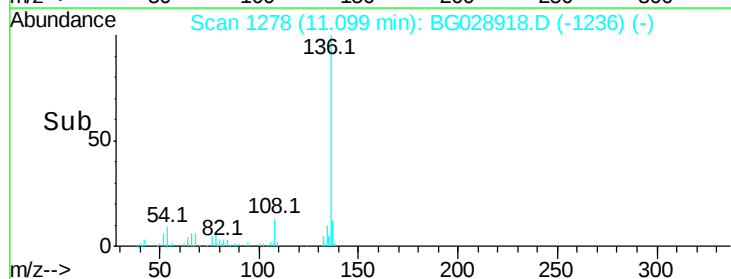
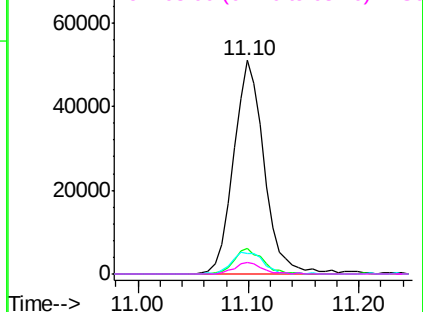
137 11.8 8.9 13.3

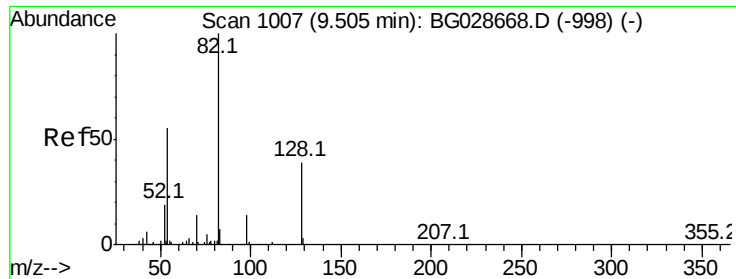
54 9.5 9.3 13.9

68 5.6 5.1 7.7



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: 94.529 ng

RT: 9.45 min Scan# 998

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampled :

PB102568BL

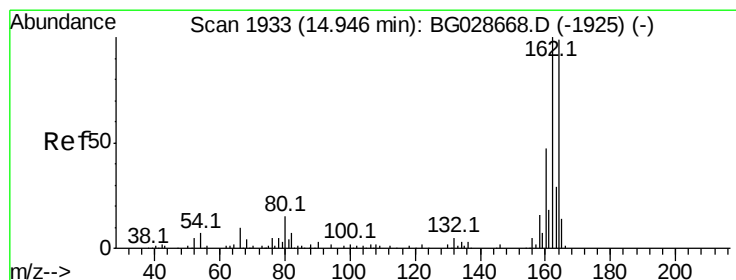
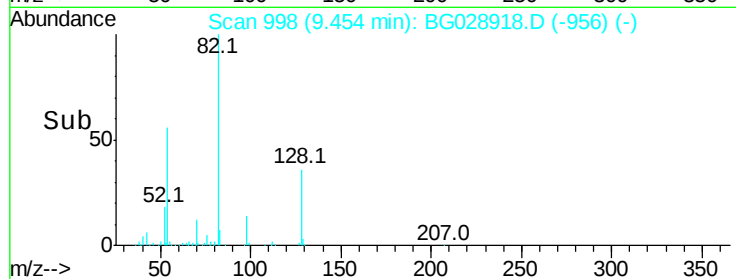
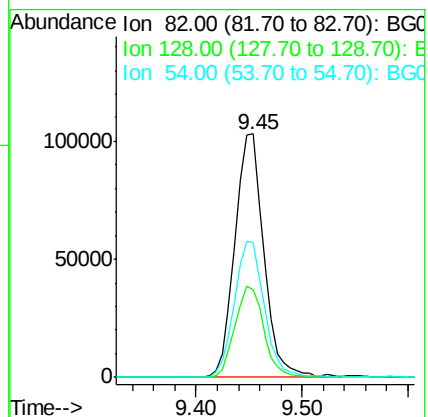
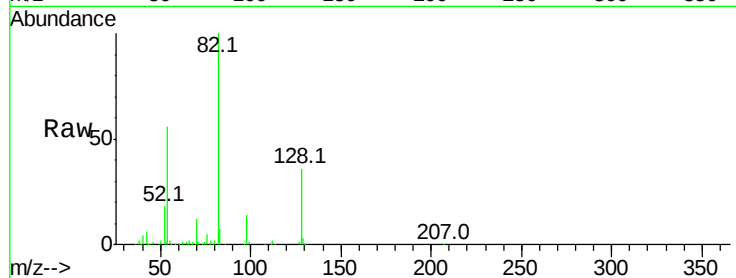
Tot Ion: 82 Resp: 195495

Ion Ratio Lower Upper

82 100

128 35.7 26.4 39.6

54 55.5 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.89 min Scan# 1924

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

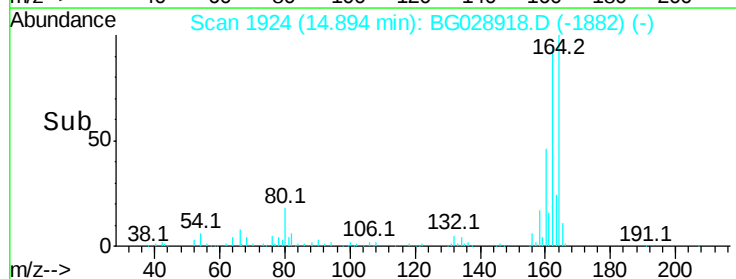
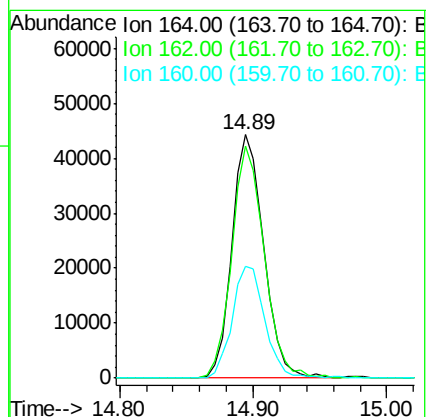
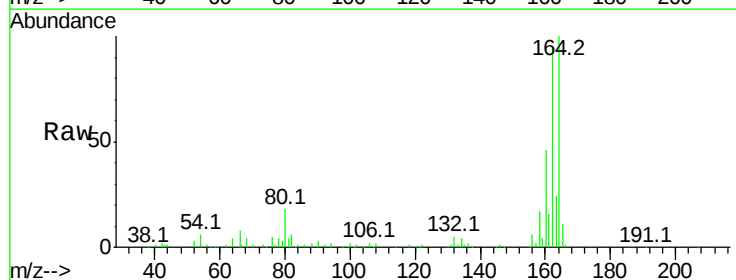
Tgt Ion: 164 Resp: 73350

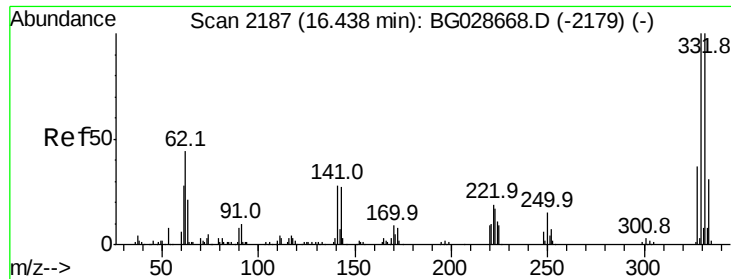
Ion Ratio Lower Upper

164 100

162 95.4 85.1 127.7

160 45.9 34.7 52.1

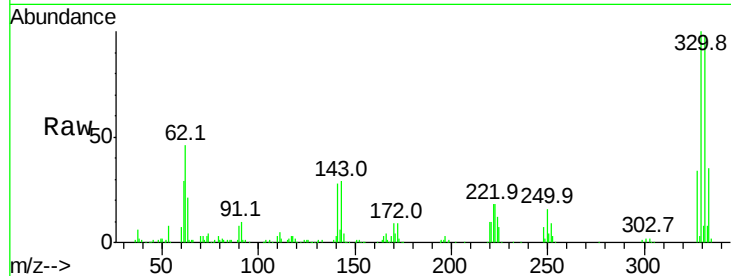




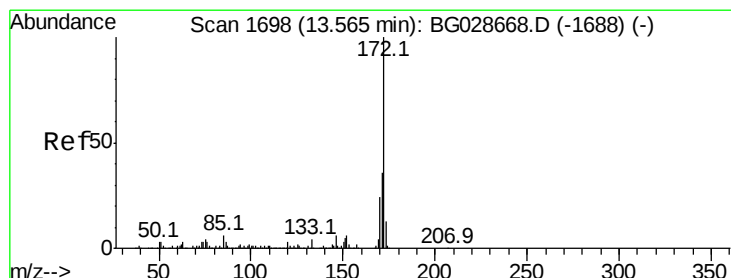
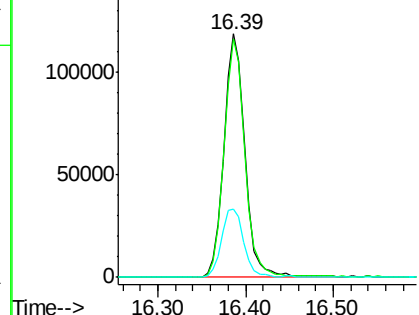
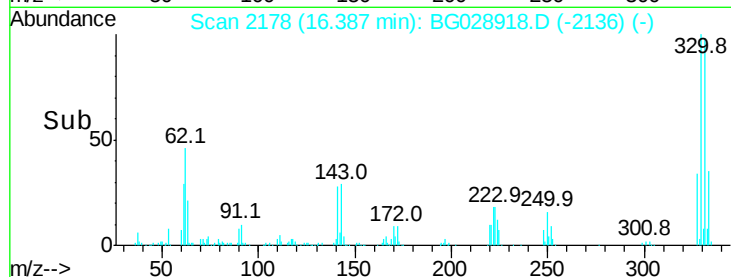
#41
 2,4,6-Tribromophenol
 Concen: 163.237 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: BG028918.D
 Acq: 25 Sep 2017 21:53

Instrument :
 BNA_G
 ClientSampleId :
 PB102568BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	29.6	32.1	48.1#

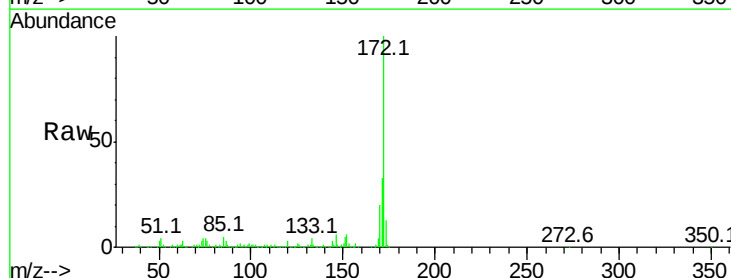


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

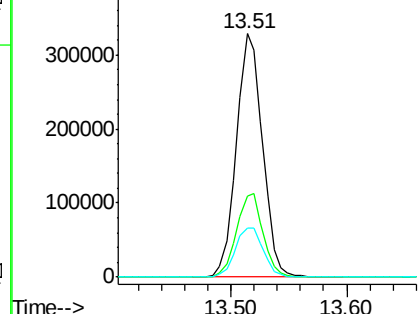
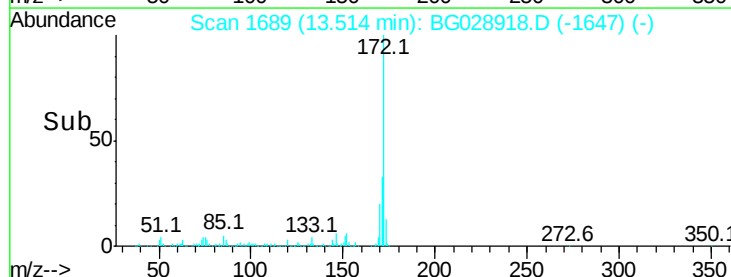


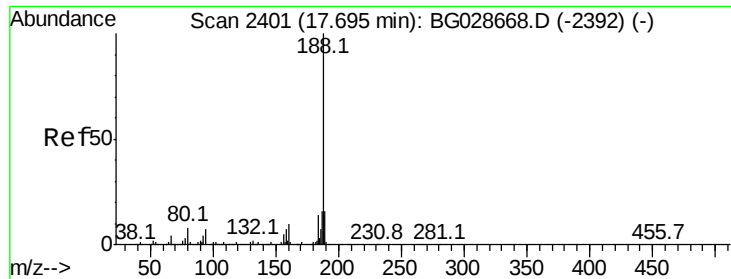
#44
 2-Fluorobiphenyl
 Concen: 93.544 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.05 min
 Lab File: BG028918.D
 Acq: 25 Sep 2017 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	32.2	48.2
170	20.3	21.8	32.6#



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: 17.64 min Scan# 2392

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampleId :

PB102568BL

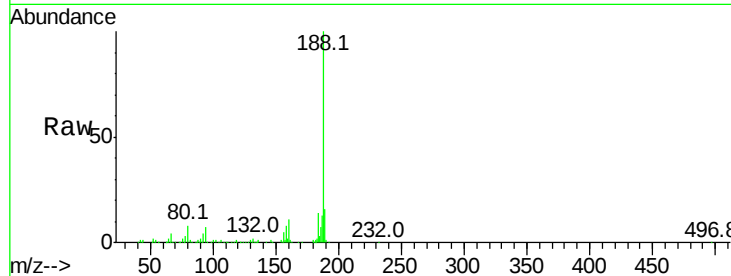
Tot Ion:188 Resp: 226534

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

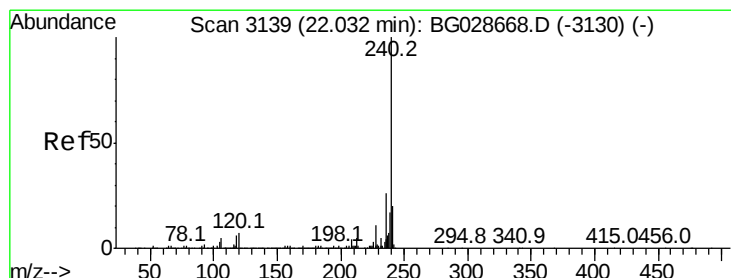
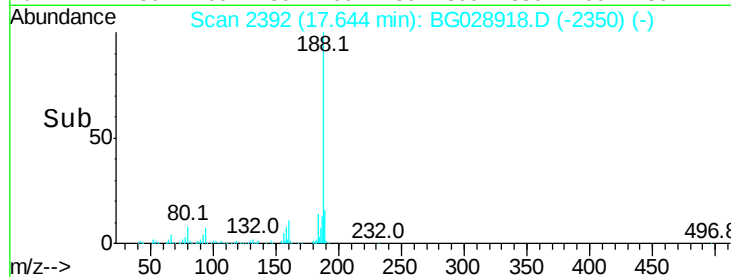
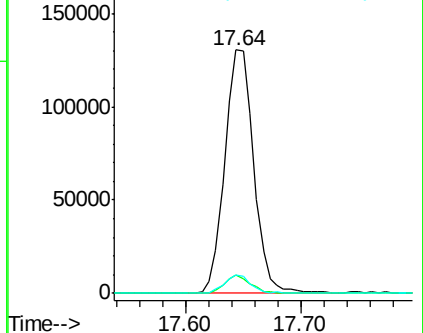
80 7.6 7.5 11.3



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: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

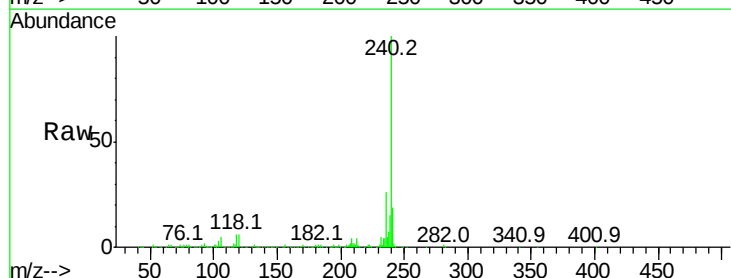
Tgt Ion:240 Resp: 277895

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

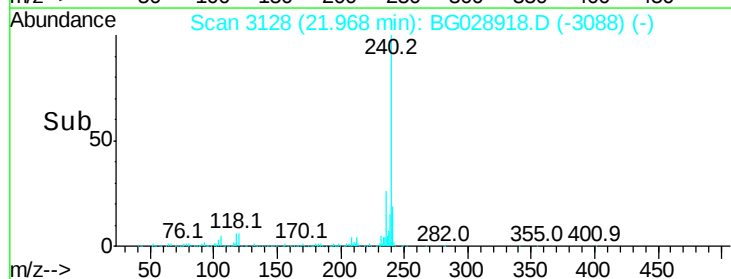
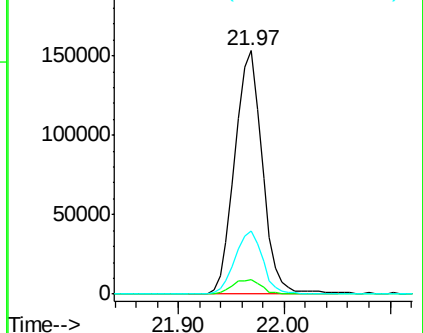
236 26.1 22.2 33.4

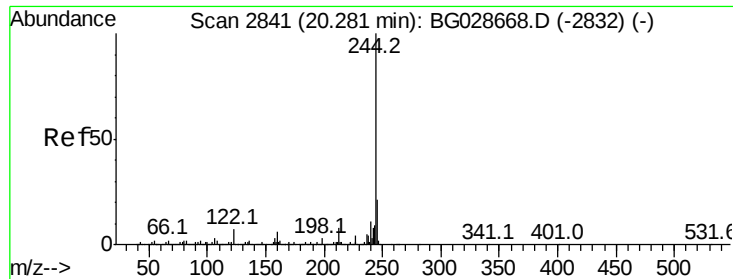


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.563 ng

RT: 20.24 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

Instrument :

BNA_G

ClientSampleId :

PB102568BL

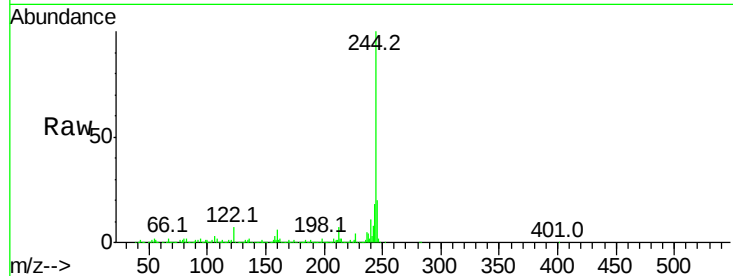
Tot Ion:244 Resp: 1271347

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

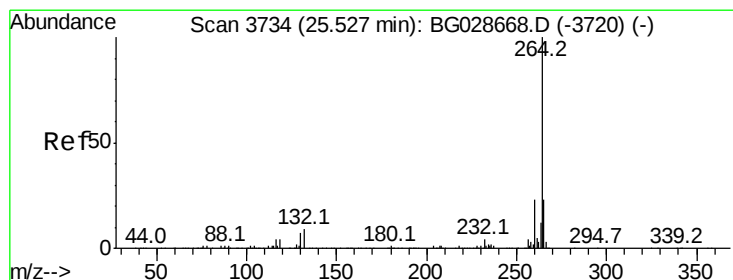
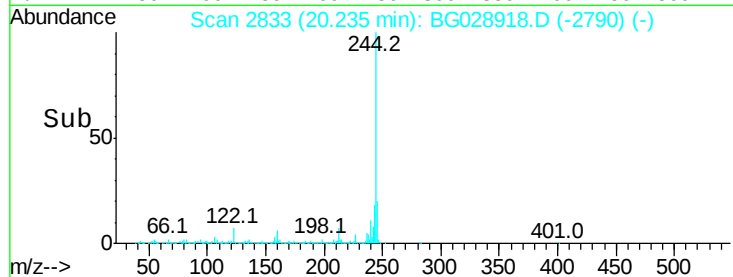
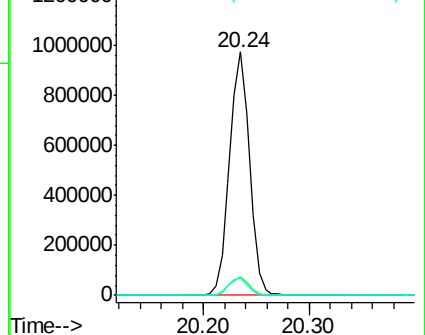
122 6.8 8.6 12.8#



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: 25.41 min Scan# 3714

Delta R.T. -0.12 min

Lab File: BG028918.D

Acq: 25 Sep 2017 21:53

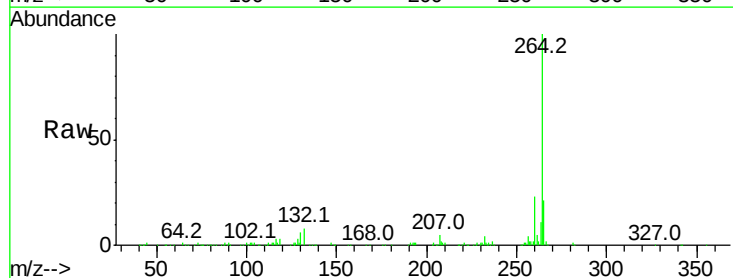
Tgt Ion:264 Resp: 290755

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 21.0 18.2 27.4



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

