

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028919.D
 Acq On : 25 Sep 2017 22:33
 Operator : SJ/JU
 Sample : I5369-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N4-1824

Quant Time: Sep 26 02:39:58 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

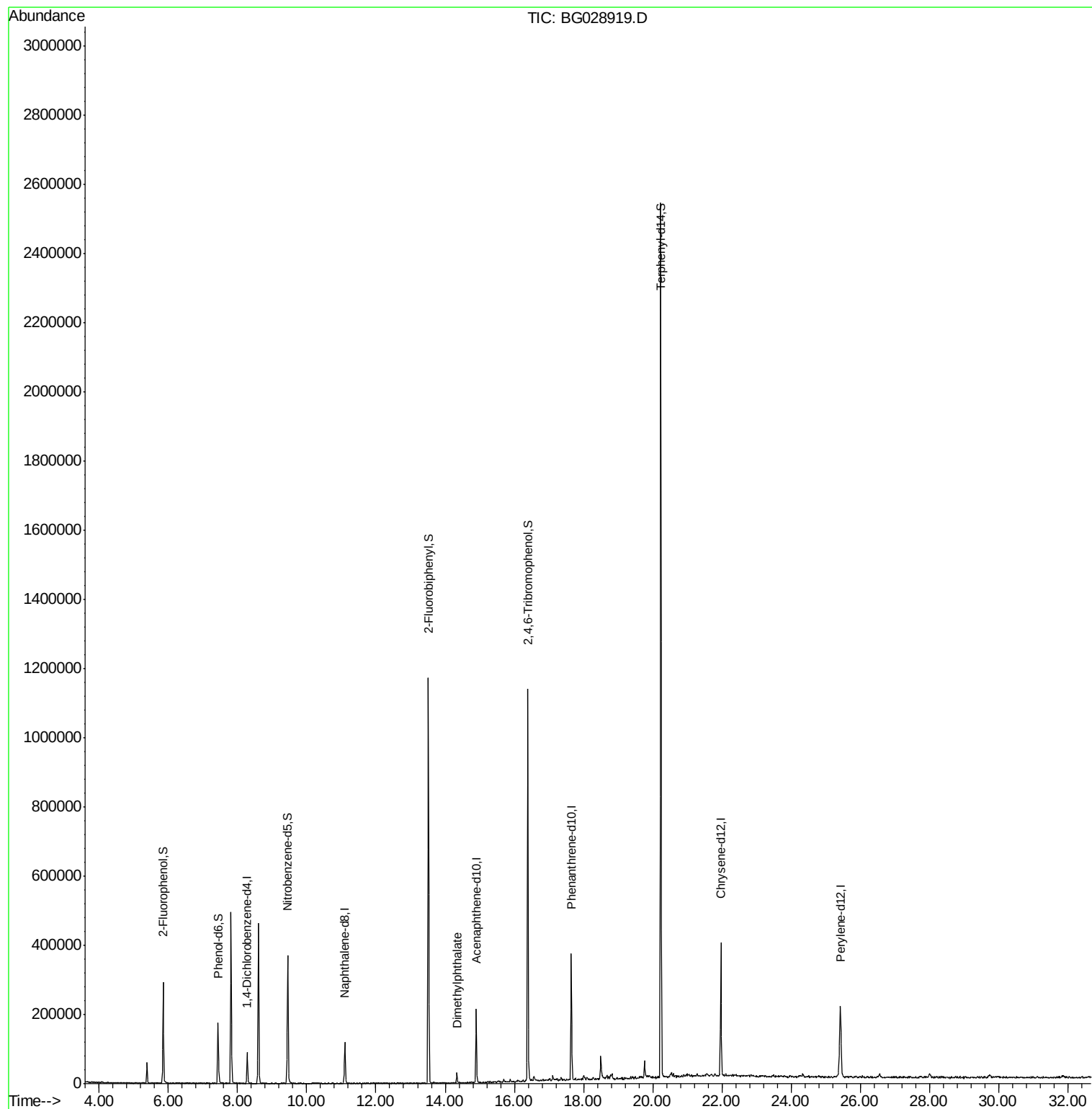
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26849	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	103657	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	77426	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	226867	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	253082	20.00	ng	-0.07
86) Perylene-d12	25.42	264	265279	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	125329	77.02	ng	-0.05
7) Phenol-d6	7.44	99	107034	43.69	ng	-0.05
23) Nitrobenzene-d5	9.45	82	244383	112.78	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	250509	195.62	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	633225	109.05	ng	-0.05
78) Terphenyl-d14	20.23	244	1216075	102.47	ng	-0.05
Target Compounds						
49) Dimethylphthalate	14.34	163	20173	3.107	ng	Qvalue # 93

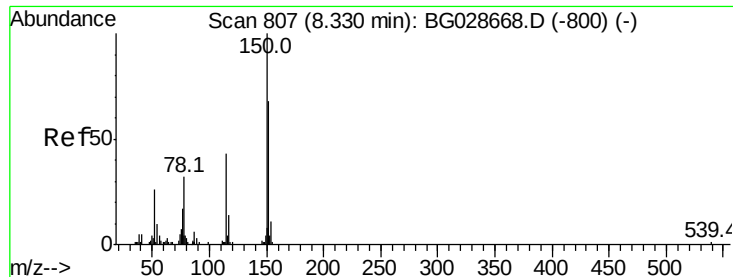
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028919.D

Acq: 25 Sep 2017 22:33

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BNA_G

ClientSampleId :

N4-1824

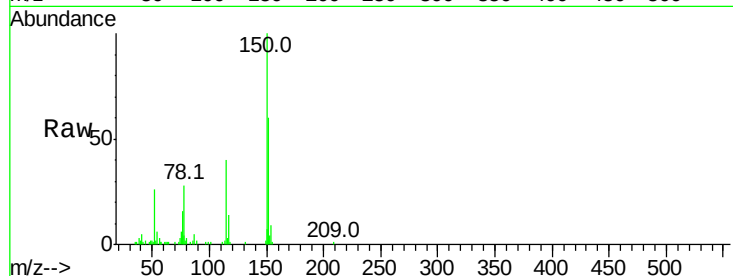
Tot Ion:152 Resp: 26849

Ion Ratio Lower Upper

152 100

150 167.2 114.0 171.0

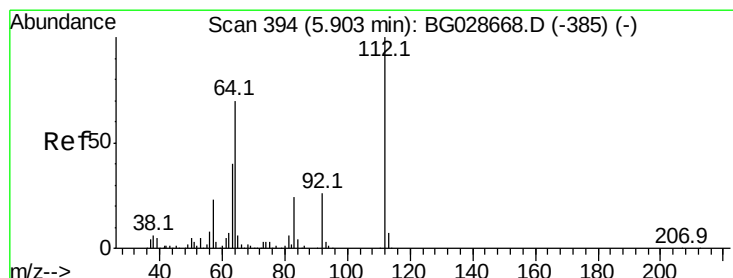
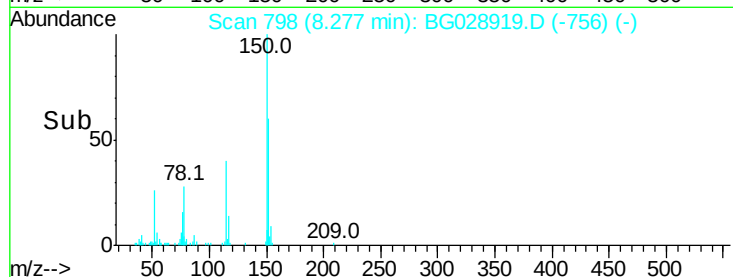
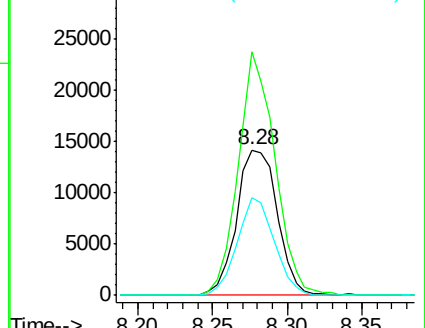
115 66.7 48.1 72.1



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: 77.023 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

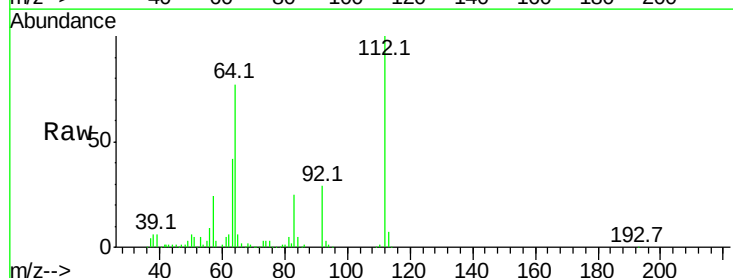
Tgt Ion:112 Resp: 125329

Ion Ratio Lower Upper

112 100

64 77.2 61.8 92.6

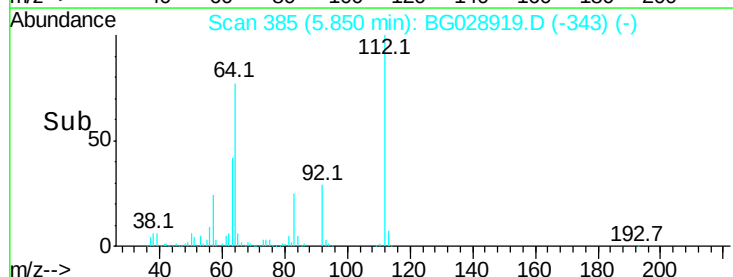
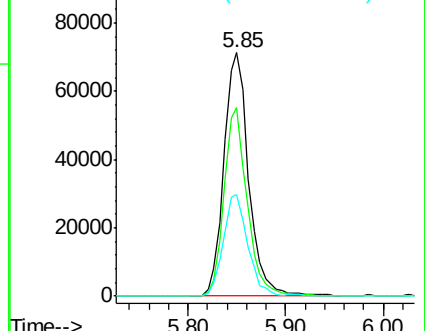
63 41.7 37.2 55.8

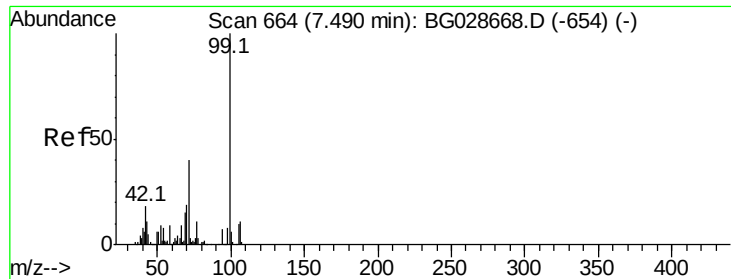


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.689 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

Instrument :

BNA_G

ClientSampleId :

N4-1824

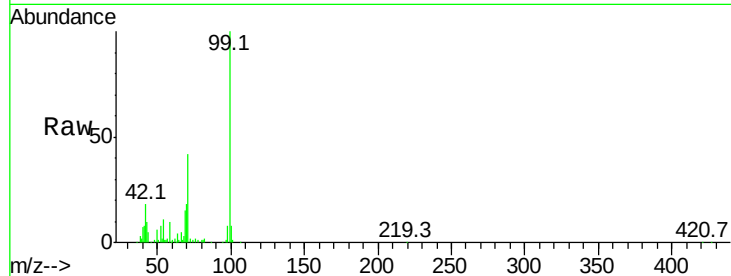
Tot Ion: 99 Resp: 107034

Ion Ratio Lower Upper

99 100

42 18.1 20.5 30.7#

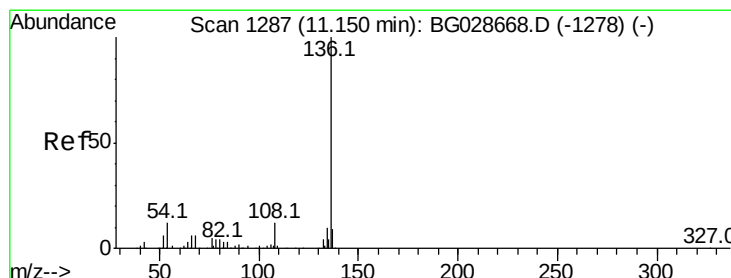
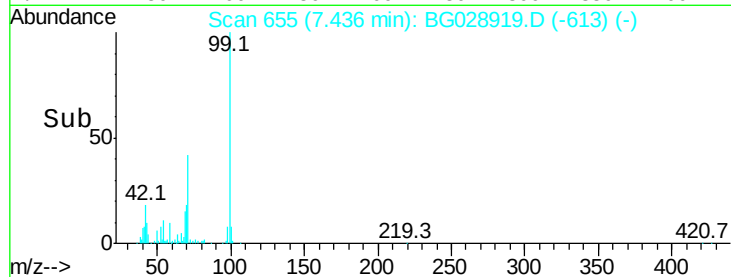
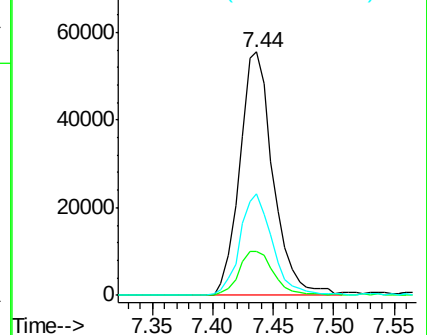
71 41.6 37.6 56.4



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# 1279

Delta R.T. -0.05 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

Tgt Ion: 136 Resp: 103657

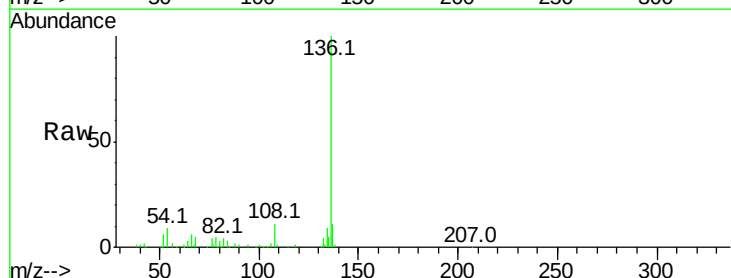
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 9.3 13.9#

68 5.4 5.1 7.7

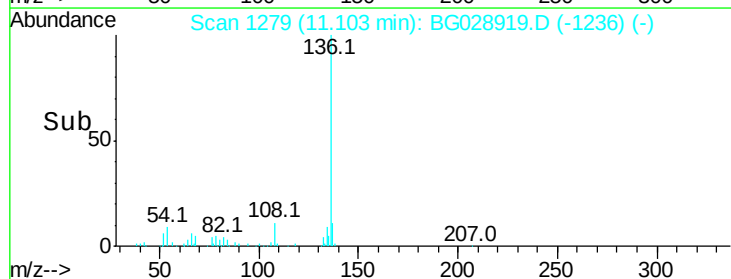
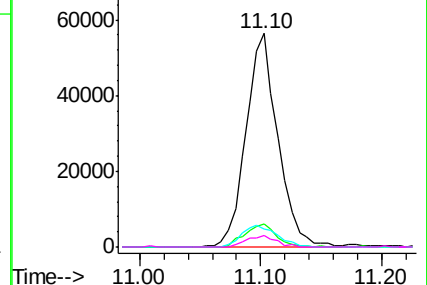


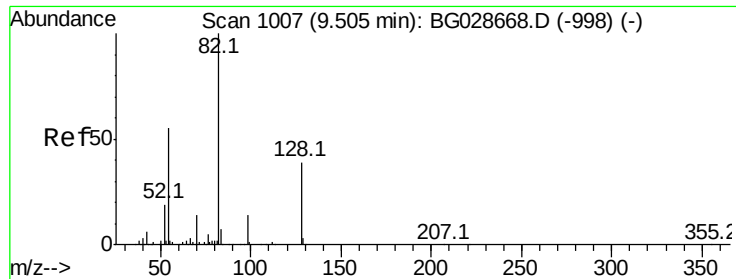
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

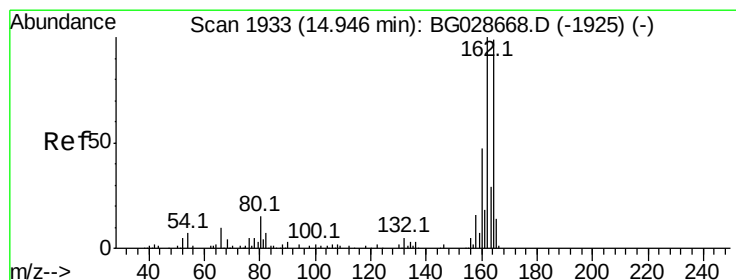
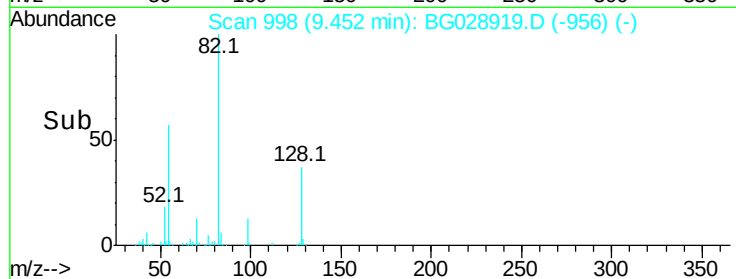
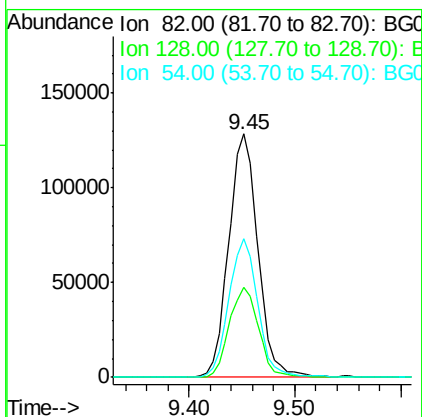
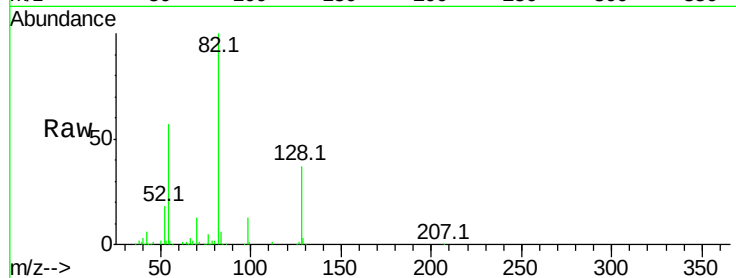




#23
Nitrobenzene-d5
Concen: 112.782 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028919.D
Acq: 25 Sep 2017 22:33

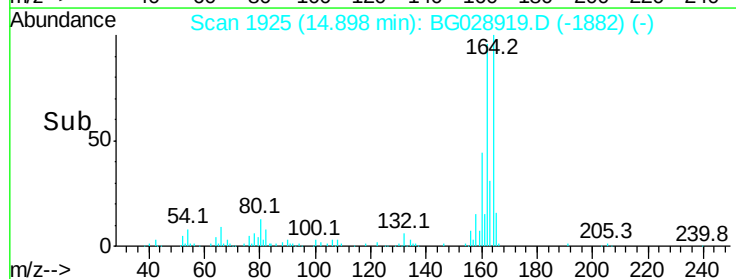
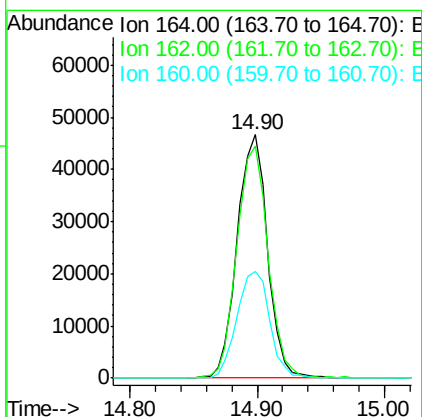
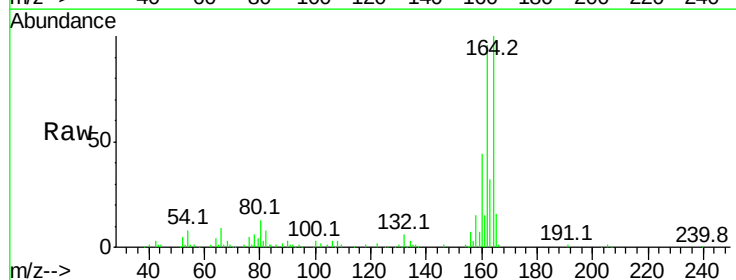
Instrument :
BNA_G
ClientSampleId :
N4-1824

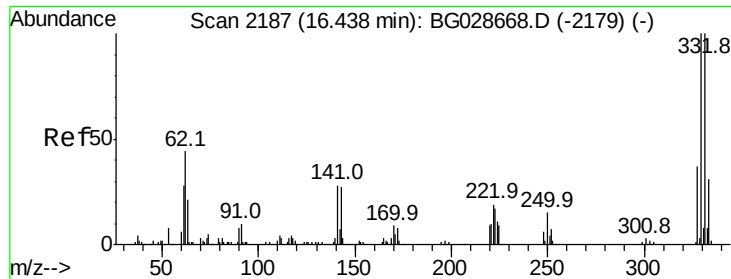
Tot Ion: 82 Resp: 244383
Ion Ratio Lower Upper
82 100
128 37.2 26.4 39.6
54 56.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028919.D
Acq: 25 Sep 2017 22:33

Tgt Ion: 164 Resp: 77426
Ion Ratio Lower Upper
164 100
162 95.5 85.1 127.7
160 43.6 34.7 52.1

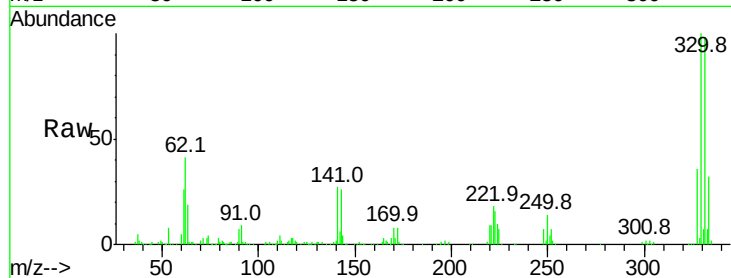




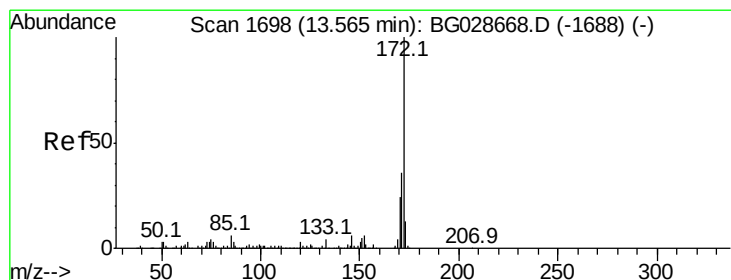
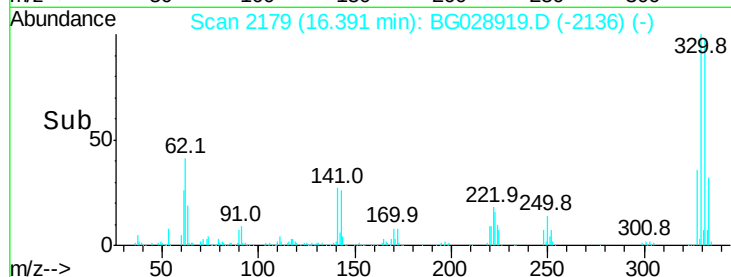
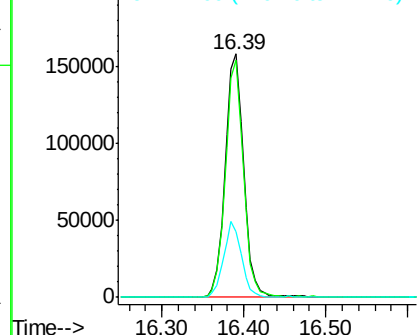
#41
 2,4,6-Tribromophenol
 Concen: 195.622 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028919.D
 Acq: 25 Sep 2017 22:33

Instrument :
 BNA_G
 ClientSampleId :
 N4-1824

Tot Ion:330 Resp: 250509
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.3 115.9
 141 29.9 32.1 48.1#

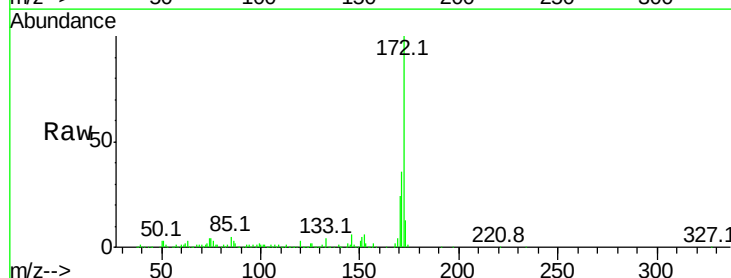


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

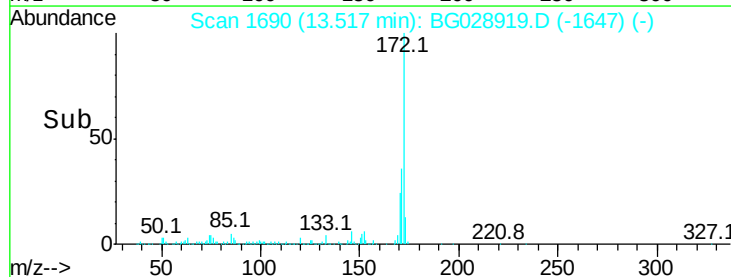
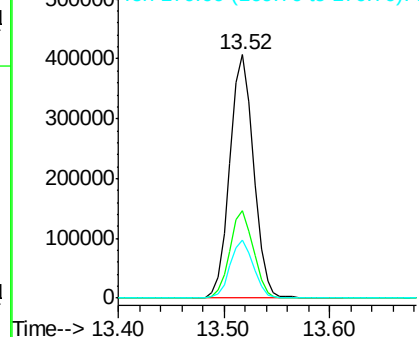


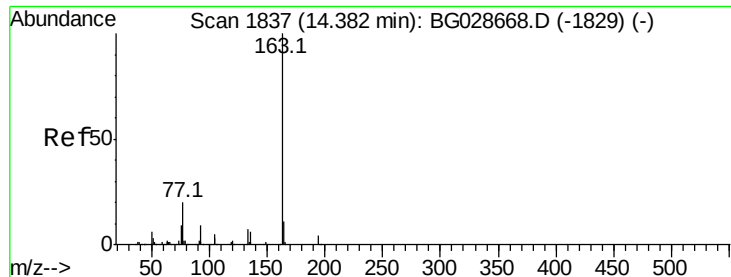
#44
 2-Fluorobiphenyl
 Concen: 109.053 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028919.D
 Acq: 25 Sep 2017 22:33

Tgt Ion:172 Resp: 633225
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 23.9 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





#49

Dimethylphthalate

Concen: 3.107 ng

RT: 14.34 min Scan# 1830

Delta R.T. -0.04 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

Instrument :

BNA_G

ClientSampleId :

N4-1824

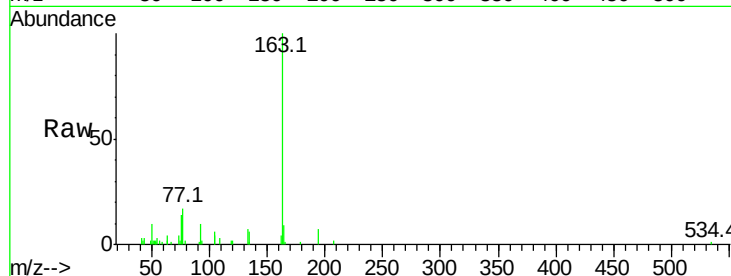
Tot Ion:163 Resp: 20173

Ion Ratio Lower Upper

163 100

194 7.0 3.8 5.6#

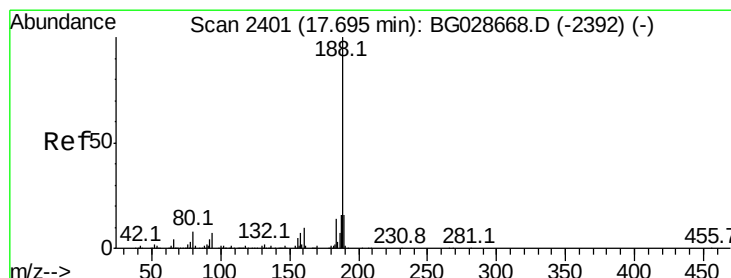
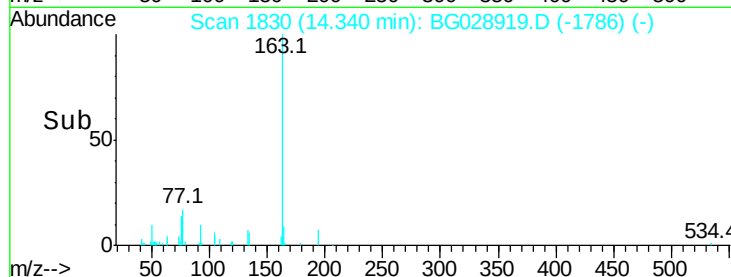
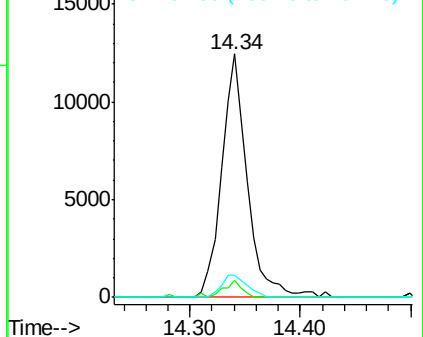
164 9.0 9.3 13.9#



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: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

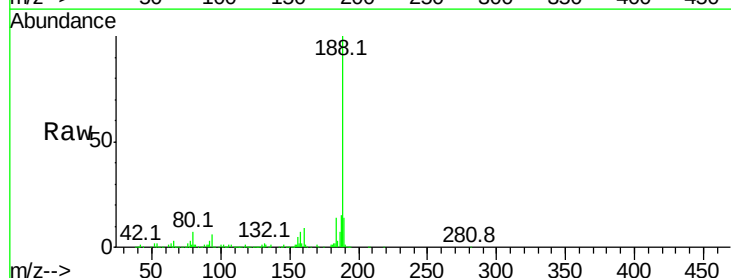
Tgt Ion:188 Resp: 226867

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

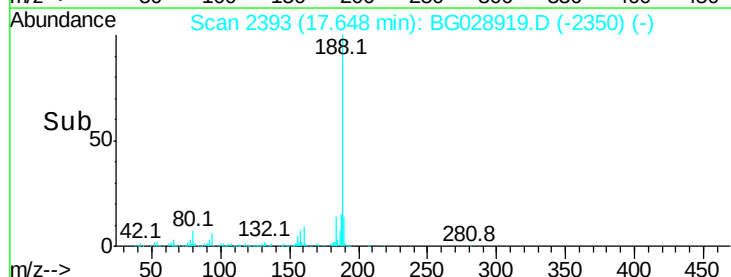
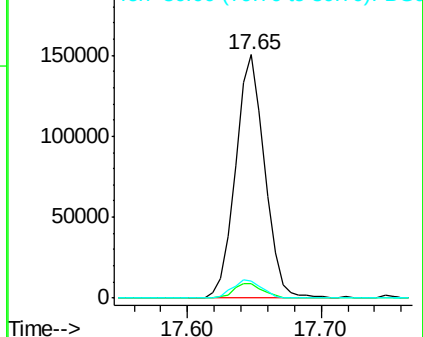
80 6.8 7.5 11.3#

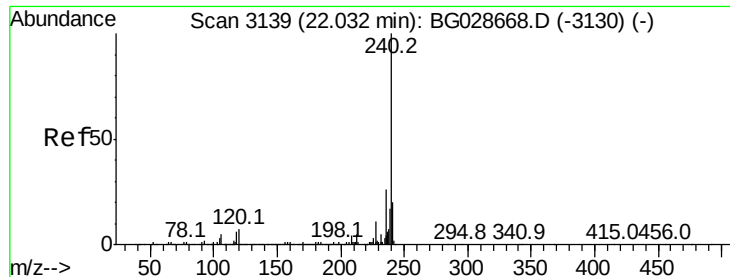


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.07 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

Instrument :

BNA_G

ClientSampleId :

N4-1824

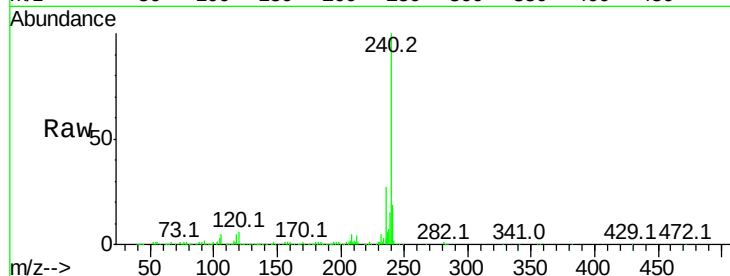
Tot Ion:240 Resp: 253082

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

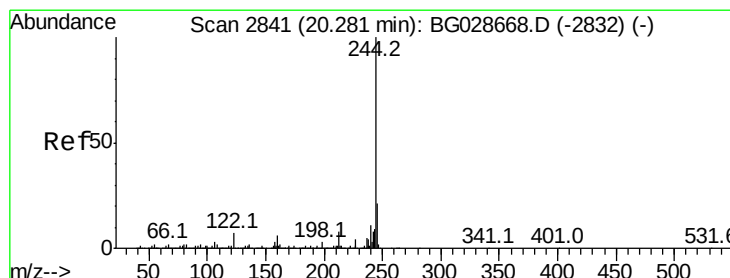
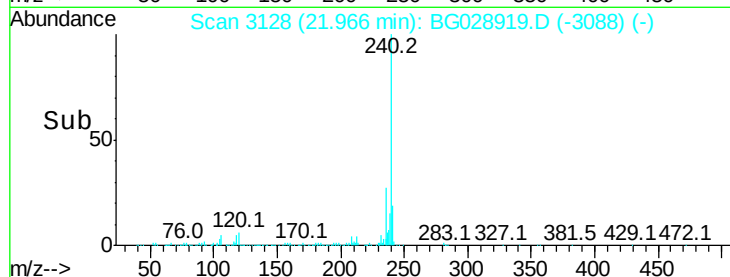
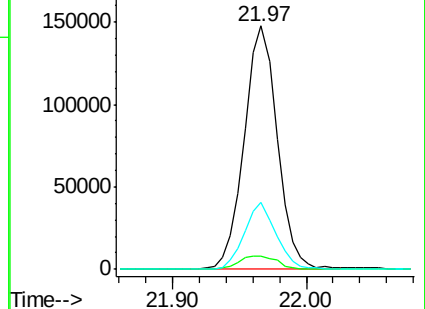
236 27.4 22.2 33.4



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: 102.471 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028919.D

Acq: 25 Sep 2017 22:33

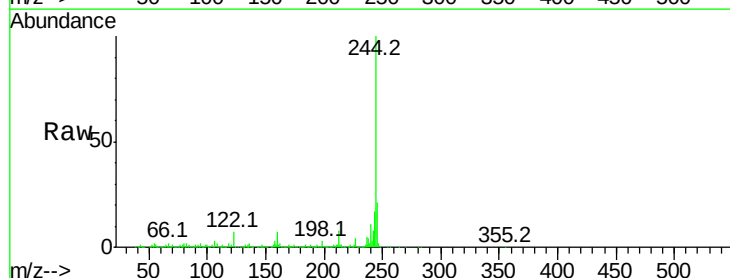
Tgt Ion:244 Resp: 1216075

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

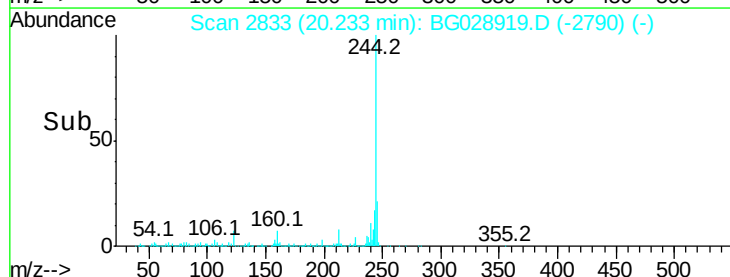
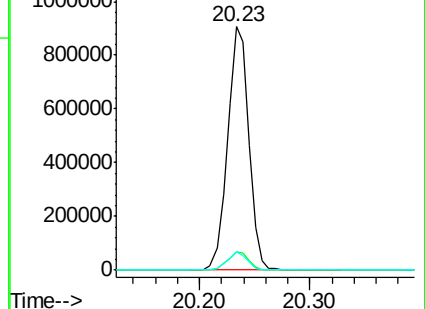
122 7.3 8.6 12.8#

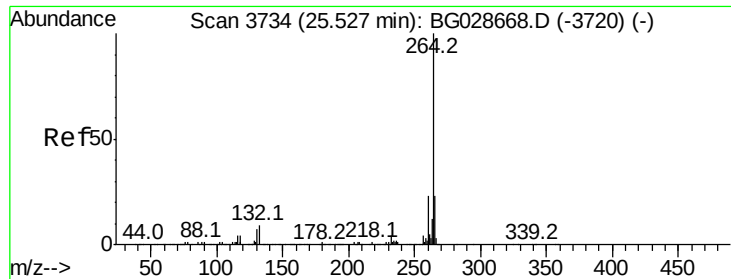


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

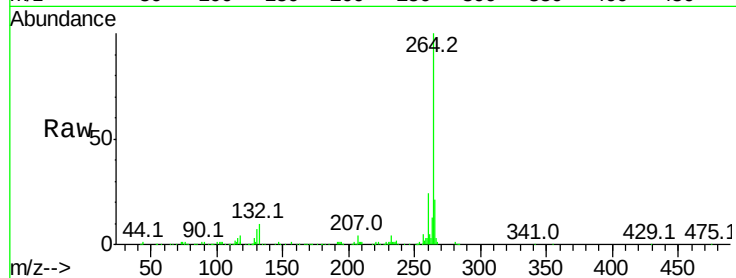




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3716
 Delta R.T. -0.11 min
 Lab File: BG028919.D
 Acq: 25 Sep 2017 22:33

Instrument :
 BNA_G
 ClientSampleId :
 N4-1824

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	21.2	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

