

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028751.D
 Acq On : 15 Sep 2017 3:20
 Operator : SJ/JU
 Sample : I5224-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 15 07:56:18 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	8.33	152	32093	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	126662	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	96915	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	256438	20.00	ng	0.00
75) Chrysene-d12	22.02	240	286094	20.00	ng	-0.01
86) Perylene-d12	25.51	264	296818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	112955	58.08	ng	0.00
7) Phenol-d6	7.48	99	134737	46.01	ng	0.00
23) Nitrobenzene-d5	9.50	82	211886	80.02	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	127522	79.56	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	576242	79.28	ng	0.00
78) Terphenyl-d14	20.27	244	1040212	77.54	ng	0.00

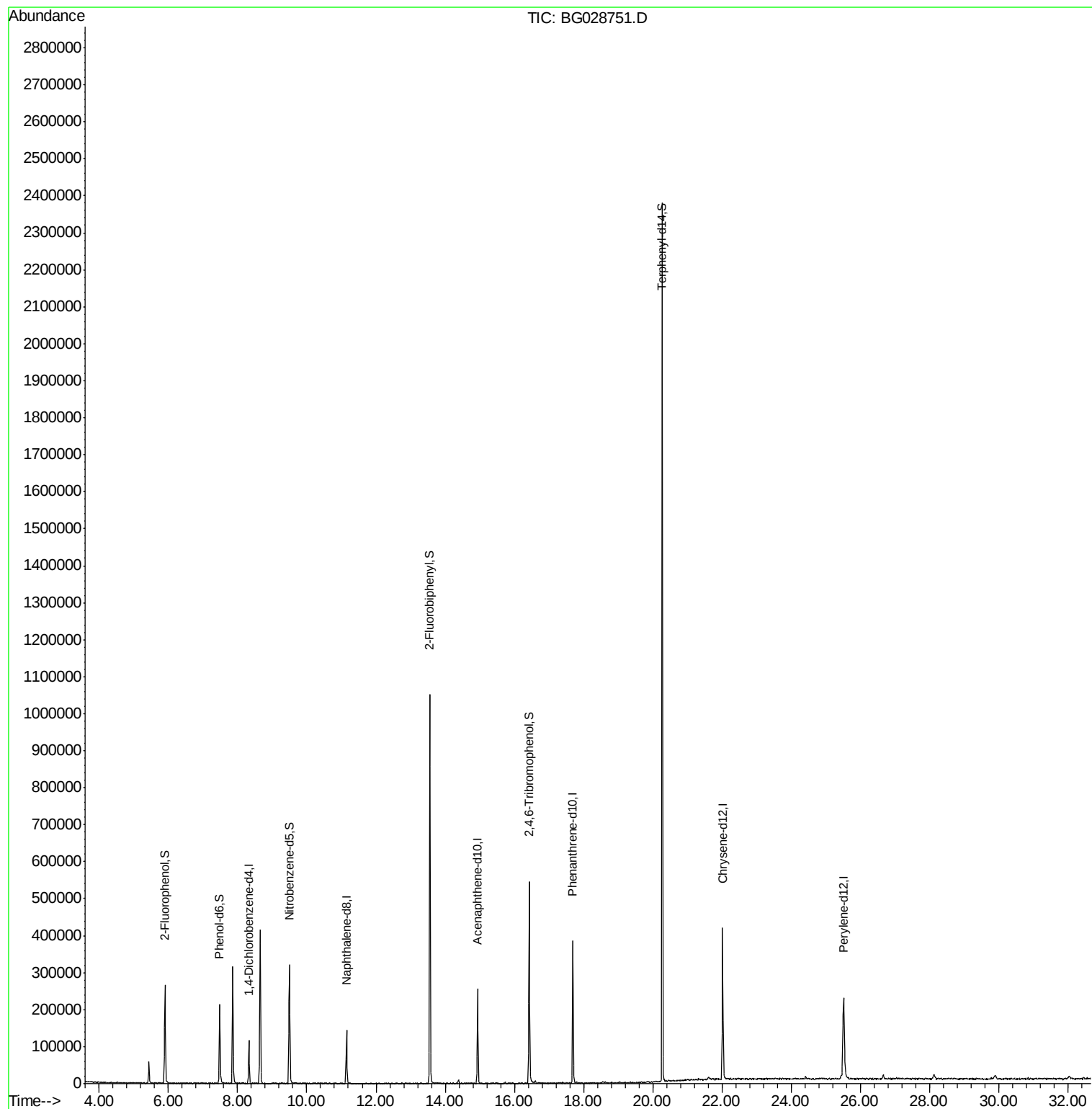
Target Compounds Qvalue

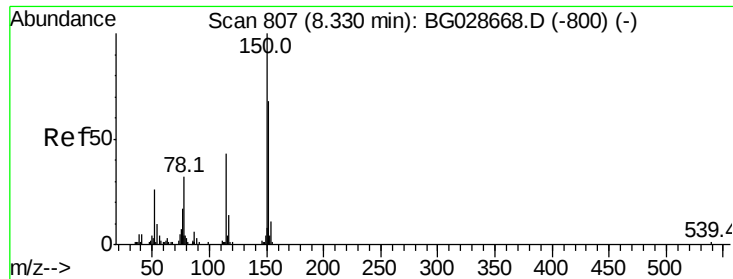
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 807

Delta R.T. -0.00 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Instrument :

BNA_G

ClientSampleId :

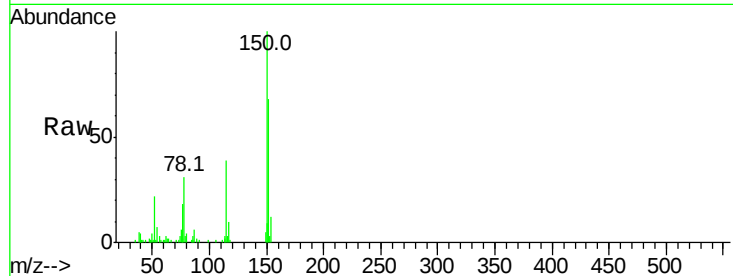
Tot Ion:152 Resp: 32093

Ion Ratio Lower Upper

152 100

150 146.9 114.0 171.0

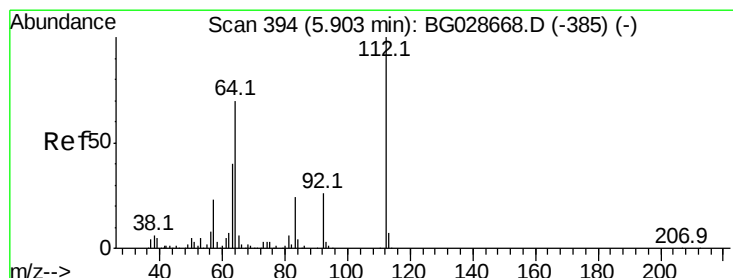
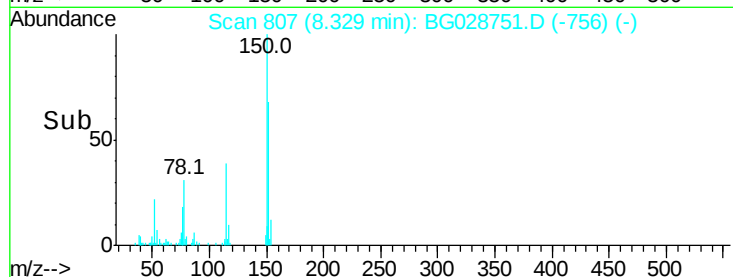
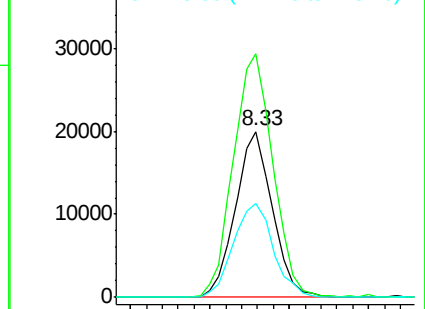
115 56.5 48.1 72.1



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: 58.075 ng

RT: 5.90 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

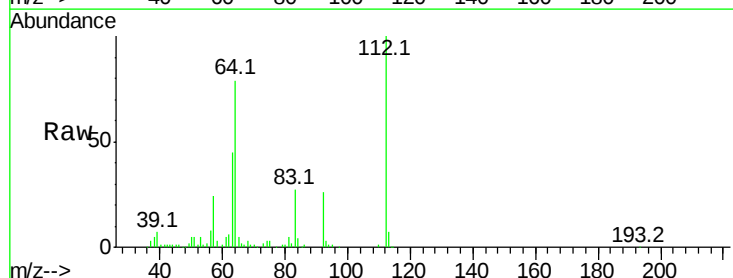
Tgt Ion:112 Resp: 112955

Ion Ratio Lower Upper

112 100

64 79.2 61.8 92.6

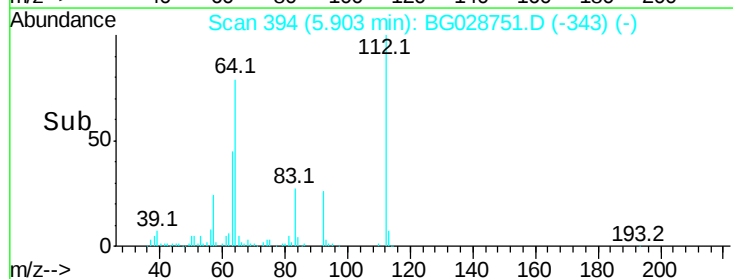
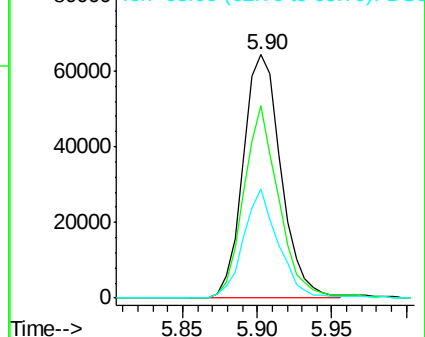
63 44.7 37.2 55.8

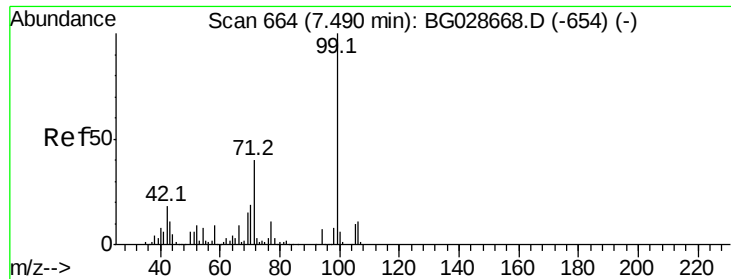


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 46.011 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Instrument :

BNA_G

ClientSampleId :

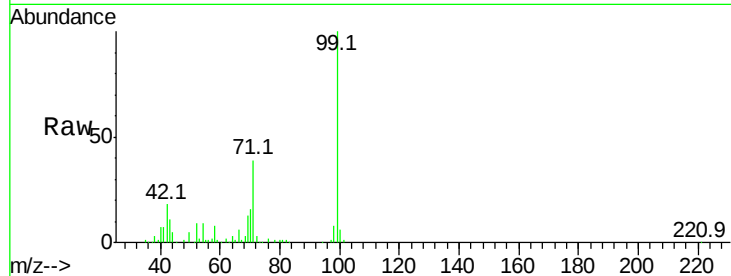
Tot Ion: 99 Resp: 134737

Ion Ratio Lower Upper

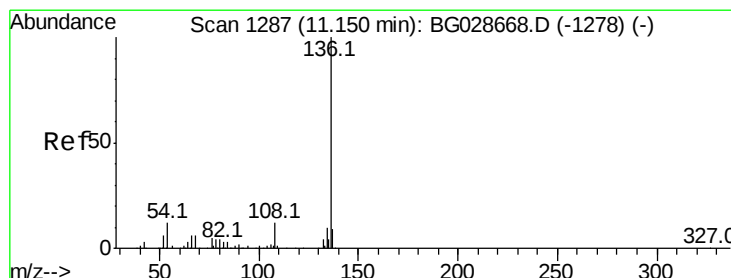
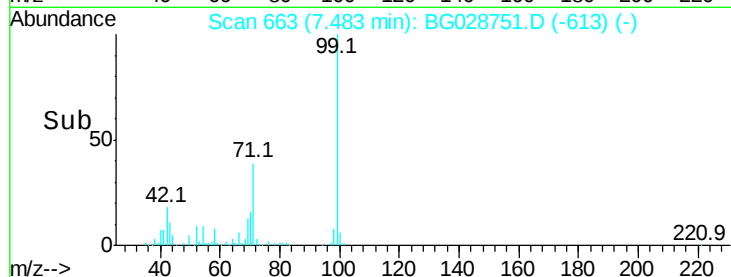
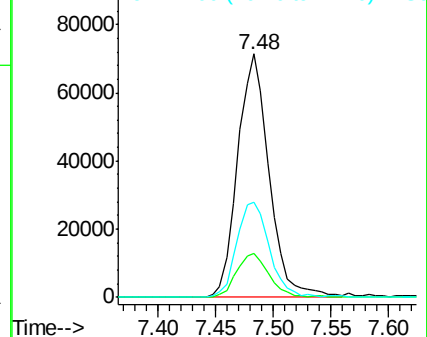
99 100

42 17.9 20.5 30.7#

71 38.8 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: 11.15 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Tgt Ion: 136 Resp: 126662

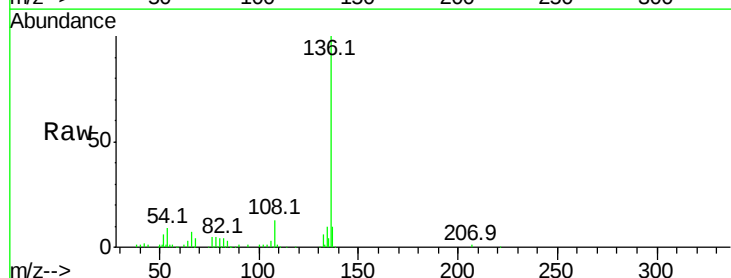
Ion Ratio Lower Upper

136 100

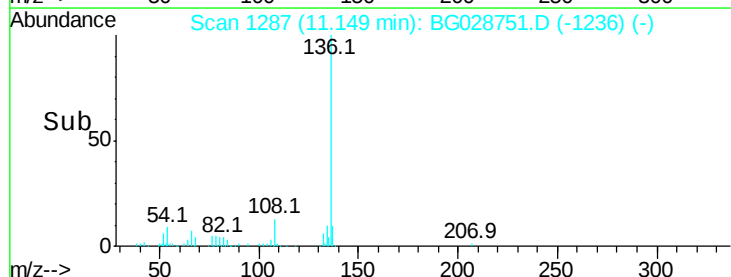
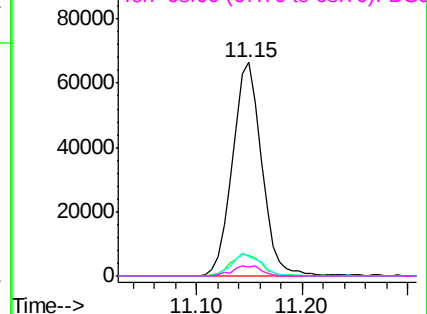
137 9.6 8.9 13.3

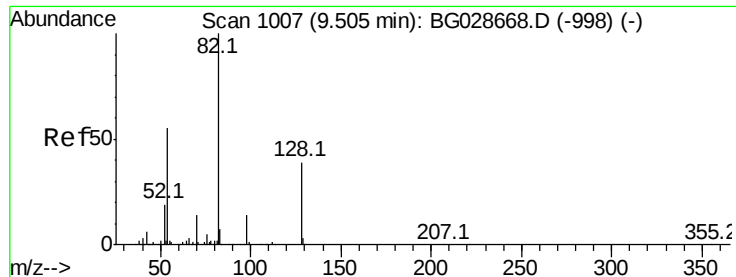
54 9.1 9.3 13.9#

68 4.1 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: 80.025 ng

RT: 9.50 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Instrument :

BNA_G

ClientSampled :

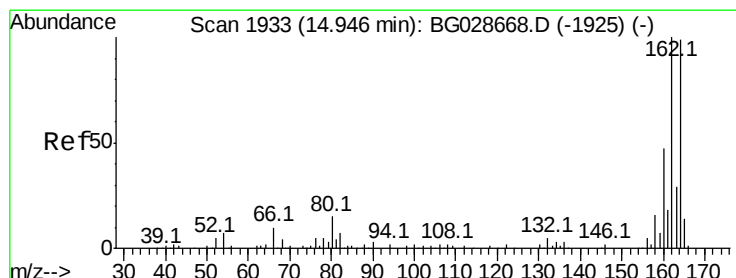
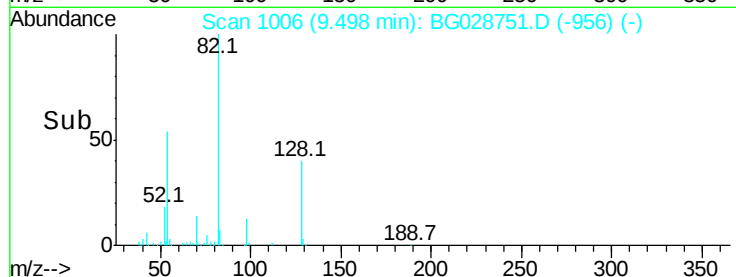
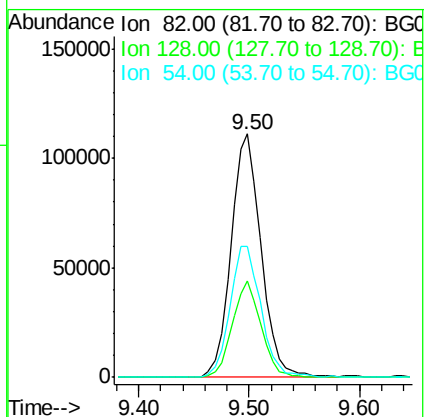
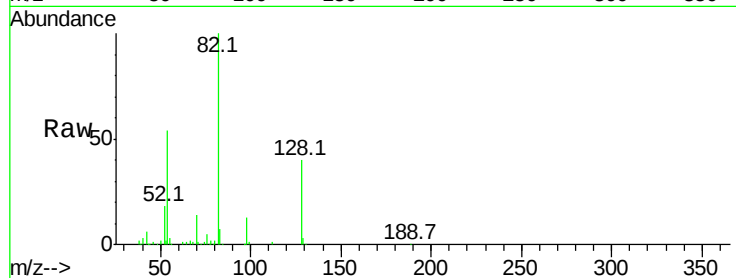
Tot Ion: 82 Resp: 211886

Ion Ratio Lower Upper

82 100

128 39.7 26.4 39.6#

54 54.0 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

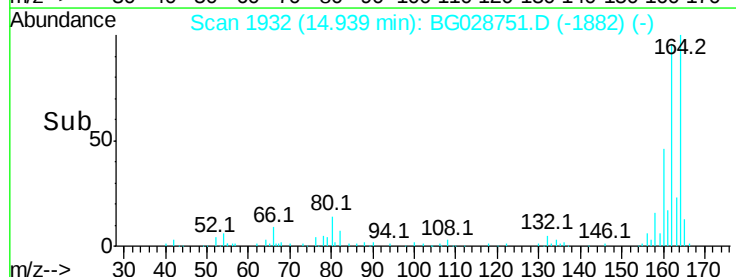
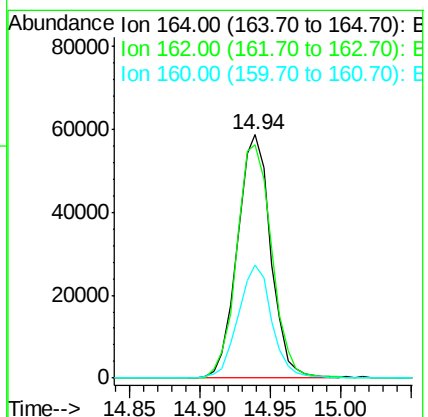
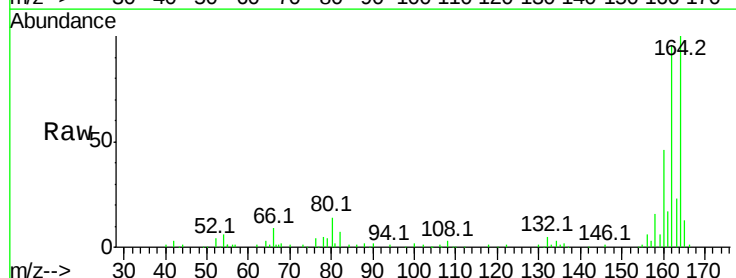
Tgt Ion: 164 Resp: 96915

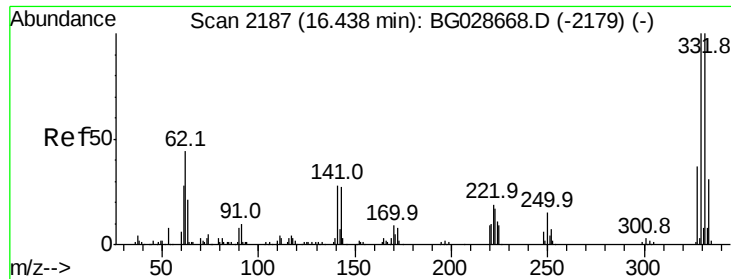
Ion Ratio Lower Upper

164 100

162 96.0 85.1 127.7

160 46.2 34.7 52.1

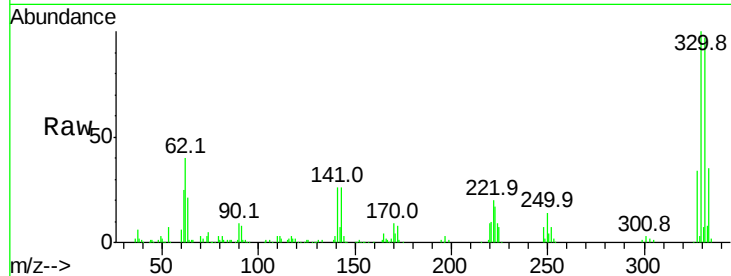




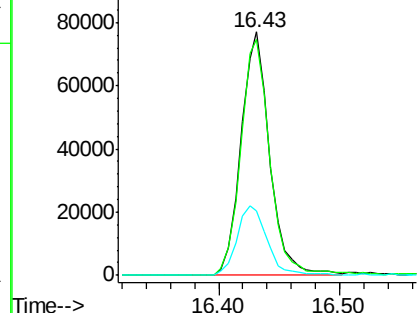
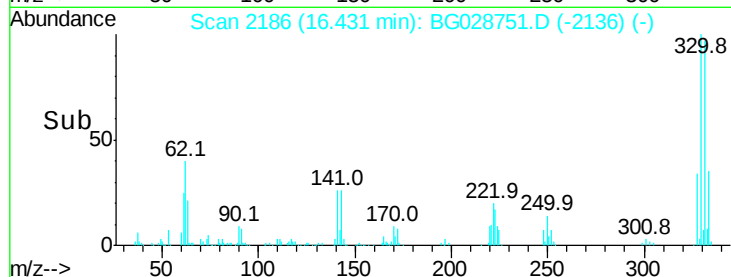
#41
 2,4,6-Tribromophenol
 Concen: 79.556 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028751.D
 Acq: 15 Sep 2017 3:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.3	115.9
141	30.2	32.1	48.1#

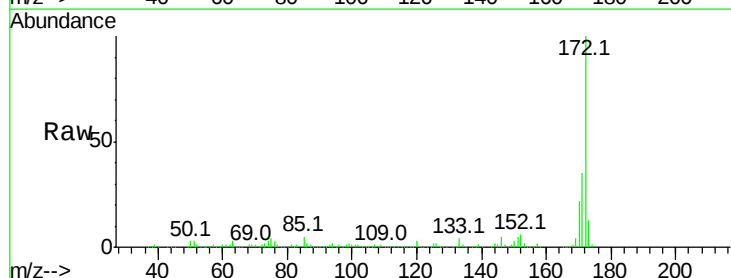


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

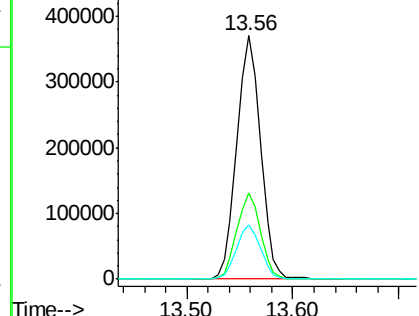
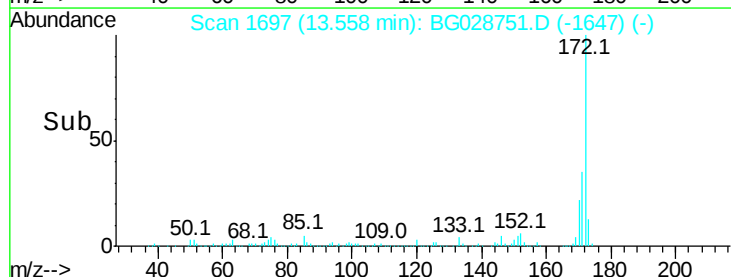


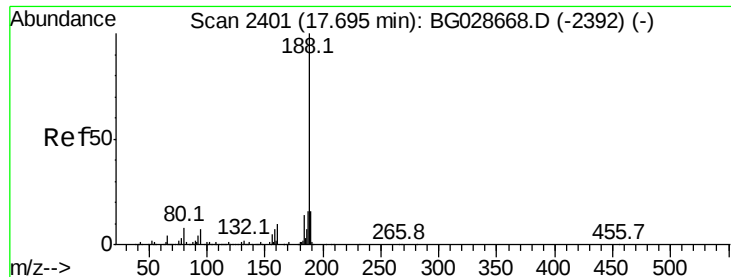
#44
 2-Fluorobiphenyl
 Concen: 79.283 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028751.D
 Acq: 15 Sep 2017 3:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	32.2	48.2
170	22.3	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: 17.69 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Instrument :

BNA_G

ClientSampleId :

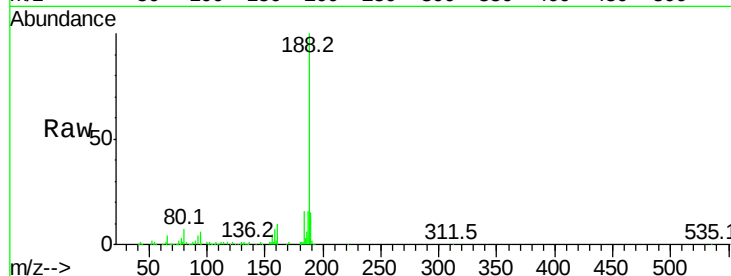
Tot Ion:188 Resp: 256438

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

80 7.2 7.5 11.3#

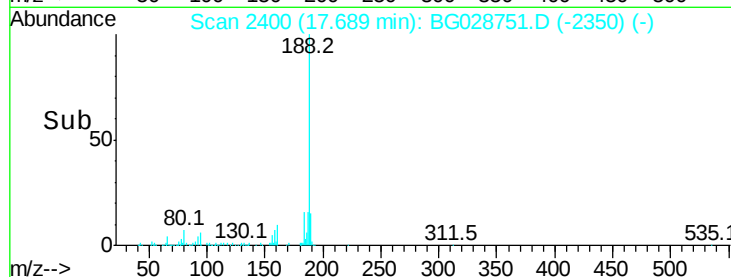


Abundance Ion 188.00 (187.70 to 188.70): E

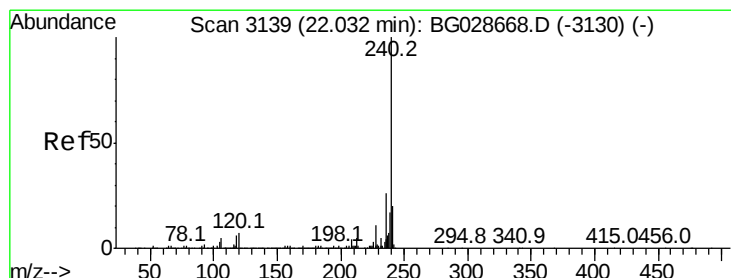
Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

17.69



Time--> 17.60 17.70



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

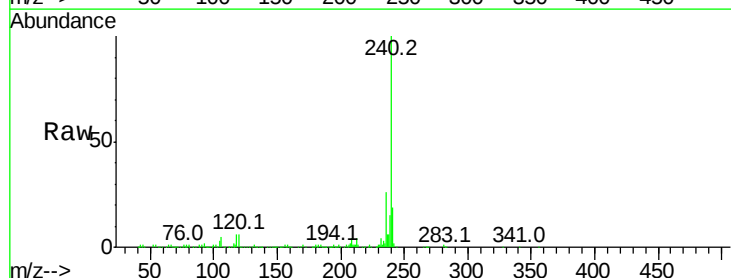
Tgt Ion:240 Resp: 286094

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

236 25.7 22.2 33.4

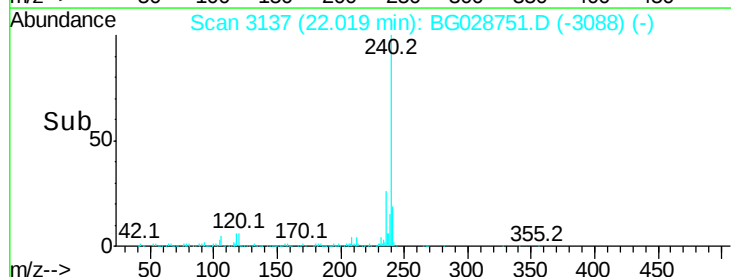


Abundance Ion 240.00 (239.70 to 240.70): E

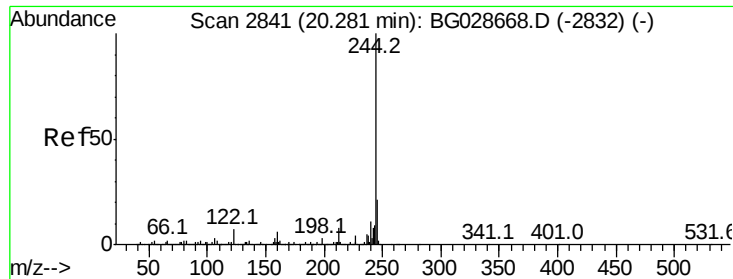
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.02



Time--> 21.90 22.00 22.10 22.20



#78

Terphenyl-d14

Concen: 77.538 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Instrument :

BNA_G

ClientSampled :

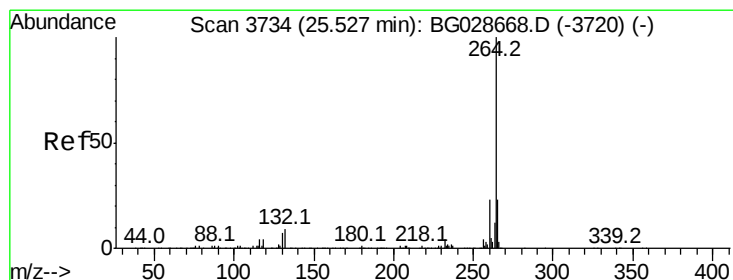
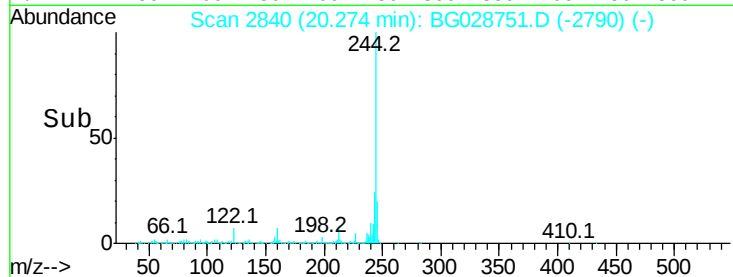
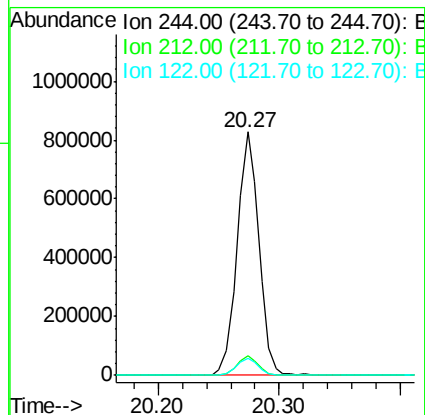
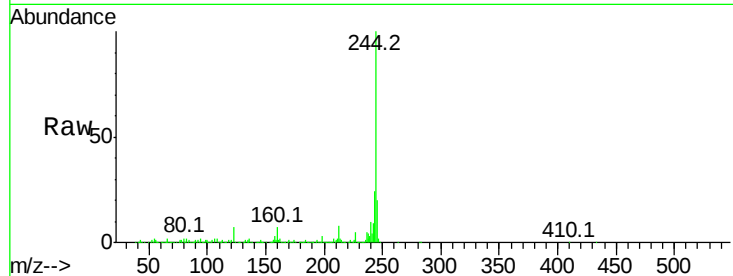
Tot Ion:244 Resp: 1040212

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

122 7.1 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.51 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG028751.D

Acq: 15 Sep 2017 3:20

Tgt Ion:264 Resp: 296818

Ion Ratio Lower Upper

264 100

260 24.8 21.8 32.8

265 22.3 18.2 27.4

