

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028987.D
 Acq On : 30 Sep 2017 20:05
 Operator : SJ/JU
 Sample : I5457-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB_092617

Quant Time: Oct 01 02:37:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 02:30:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	36341	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	139034	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	96051	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	252925	20.00	ng	0.00
75) Chrysene-d12	21.94	240	298268	20.00	ng	-0.01
86) Perylene-d12	25.36	264	312297	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.82	112	165716	75.24	ng	0.00
7) Phenol-d6	7.41	99	134635	40.60	ng	0.00
23) Nitrobenzene-d5	9.43	82	307253	105.72	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	245755	154.70	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	782697	108.66	ng	0.00
78) Terphenyl-d14	20.22	244	1451136	103.75	ng	0.00

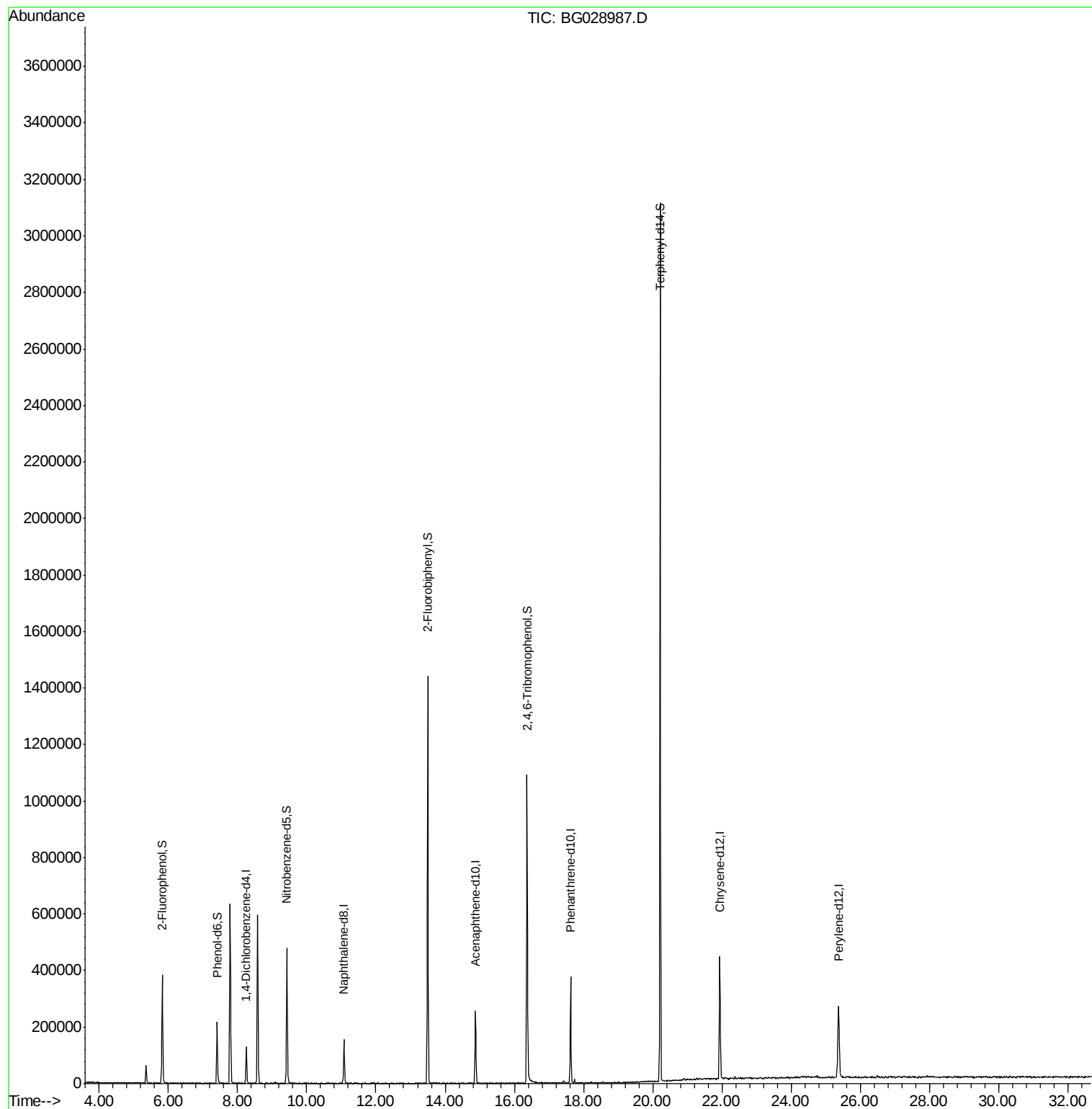
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.25 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Instrument :

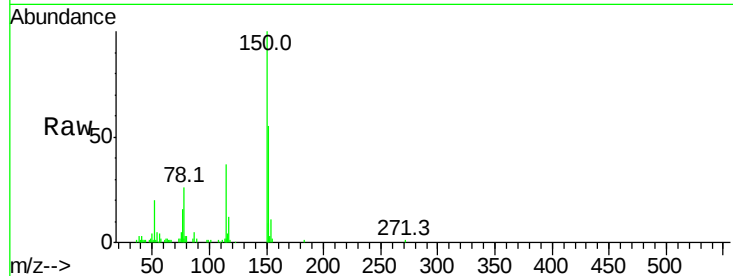
BNA_G

ClientSampleId :

FB_092617

Tot Ion:152 Resp: 36341

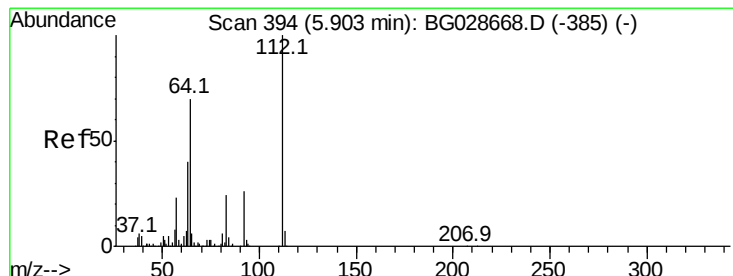
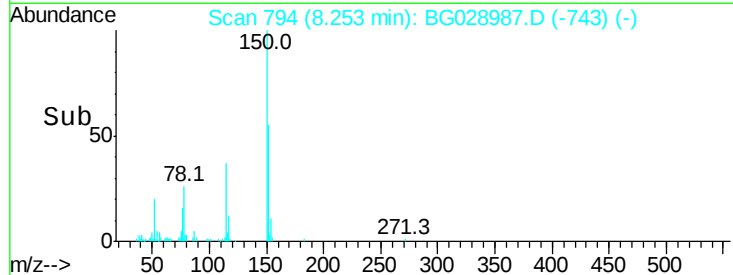
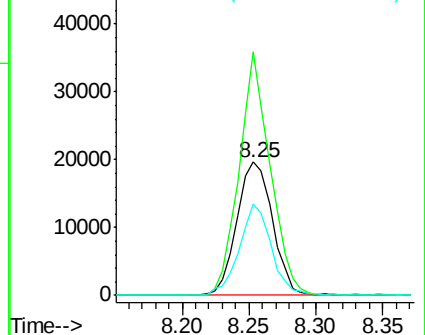
Ion	Ratio	Lower	Upper
152	100		
150	183.0	114.0	171.0#
115	68.3	48.1	72.1



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: 75.243 ng

RT: 5.82 min Scan# 380

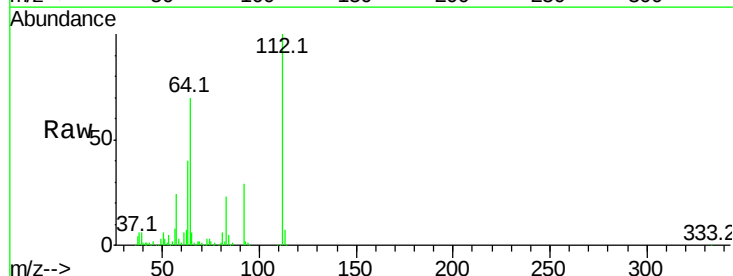
Delta R.T. -0.00 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Tgt Ion:112 Resp: 165716

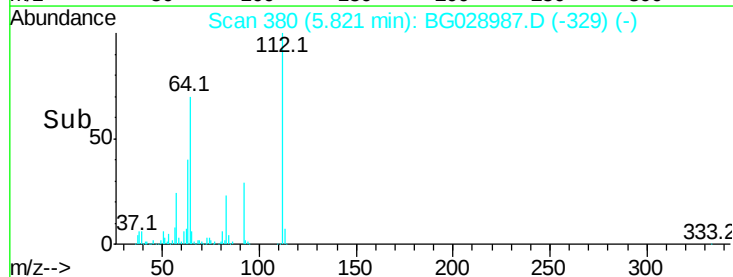
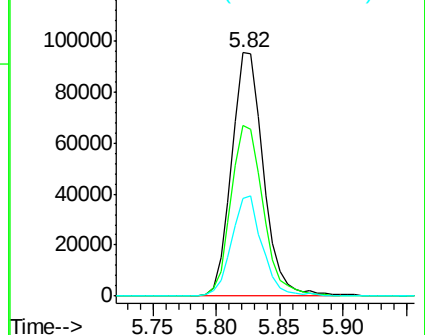
Ion	Ratio	Lower	Upper
112	100		
64	70.2	61.8	92.6
63	40.1	37.2	55.8

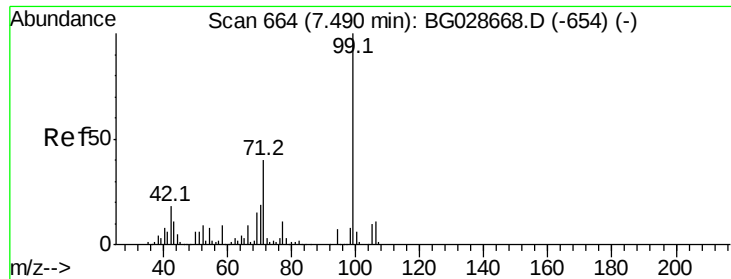


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 40.602 ng

RT: 7.41 min Scan# 650

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Instrument :

BNA_G

ClientSampleId :

FB_092617

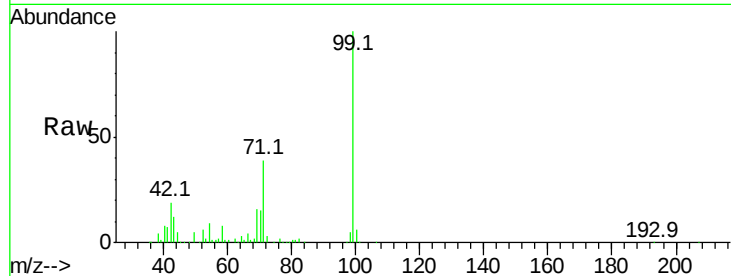
Tot Ion: 99 Resp: 134635

Ion Ratio Lower Upper

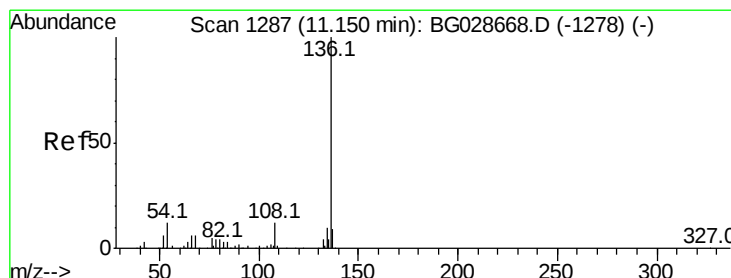
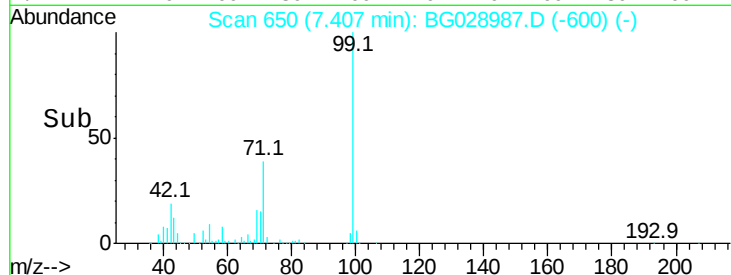
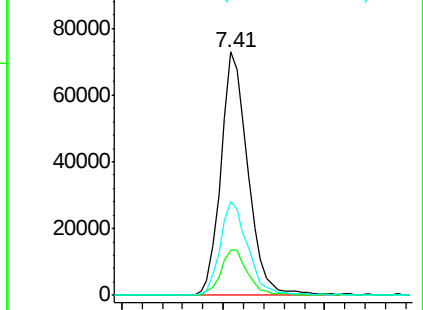
99 100

42 18.5 20.5 30.7#

71 38.6 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: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Tgt Ion: 136 Resp: 139034

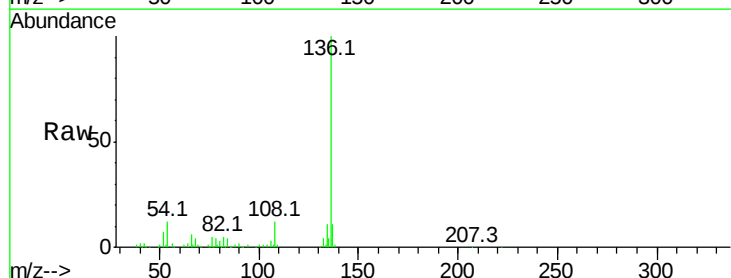
Ion Ratio Lower Upper

136 100

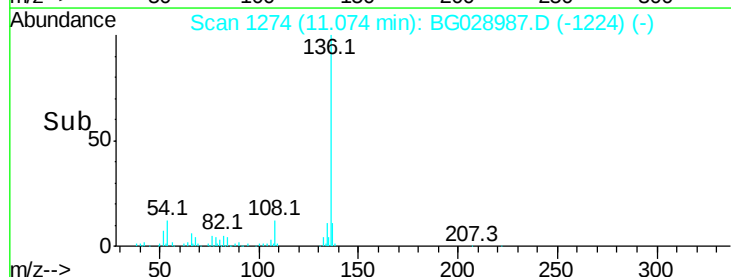
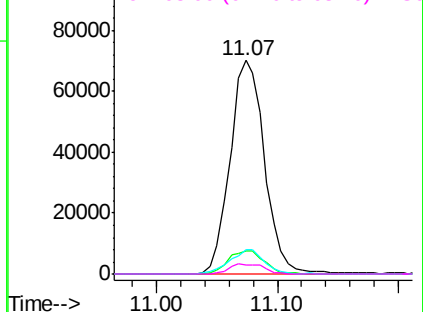
137 11.1 8.9 13.3

54 11.7 9.3 13.9

68 4.4 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: 105.716 ng

RT: 9.43 min Scan# 994

Delta R.T. -0.00 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Instrument :

BNA_G

ClientSampleId :

FB_092617

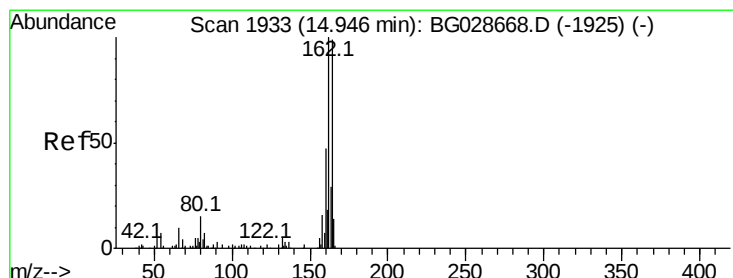
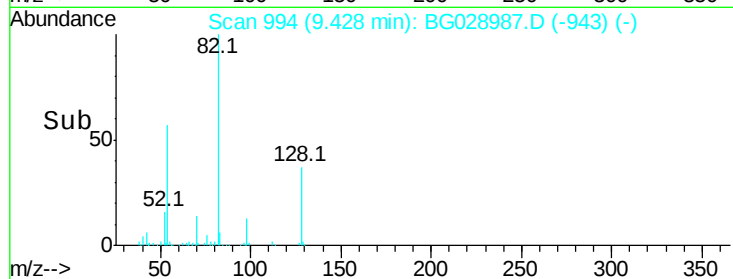
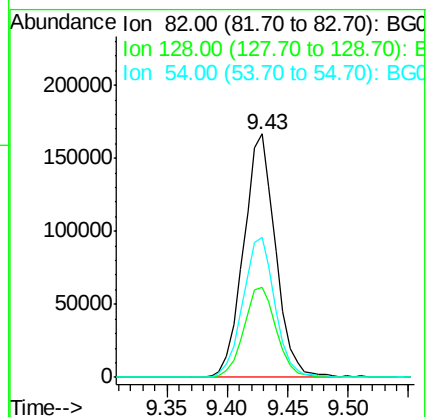
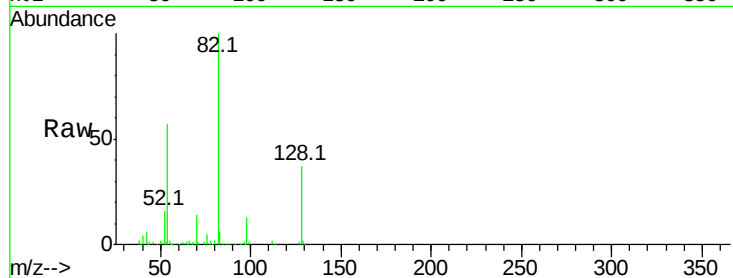
Tot Ion: 82 Resp: 307253

Ion Ratio Lower Upper

82 100

128 36.9 26.4 39.6

54 57.4 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.88 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

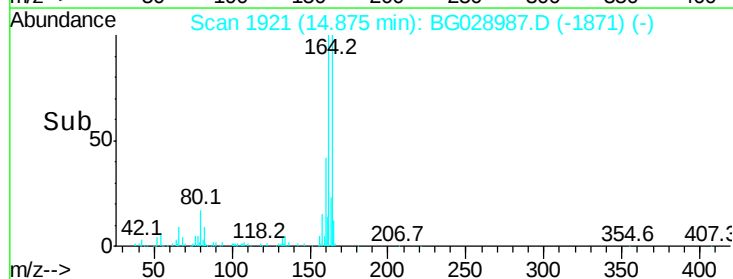
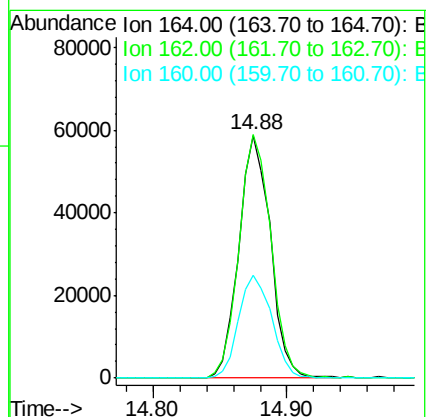
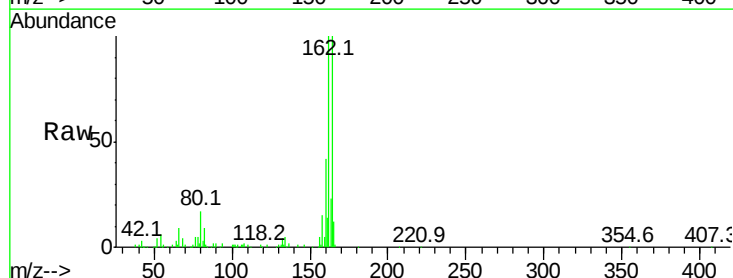
Tgt Ion: 164 Resp: 96051

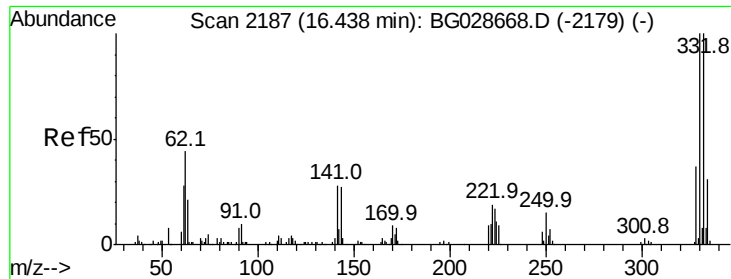
Ion Ratio Lower Upper

164 100

162 100.2 85.1 127.7

160 42.3 34.7 52.1

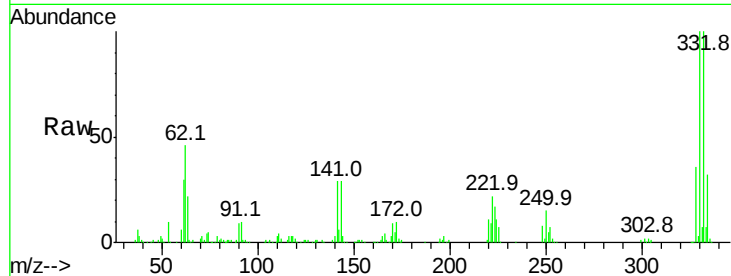




#41
 2,4,6-Tribromophenol
 Concen: 154.697 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028987.D
 Acq: 30 Sep 2017 20:05

Instrument :
 BNA_G
 ClientSampleId :
 FB_092617

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	29.9	32.1	48.1#

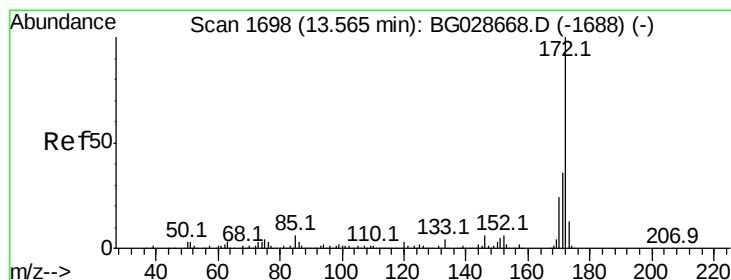
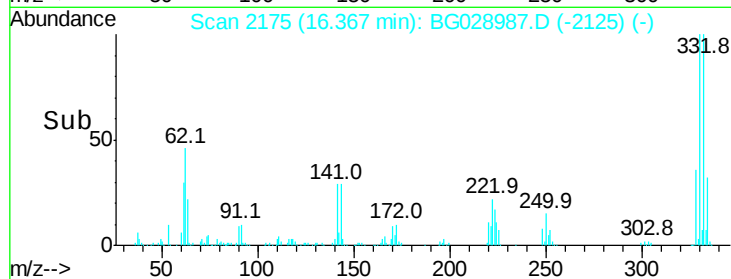
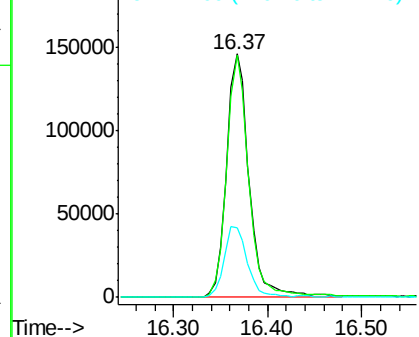


Abundance

Ion 329.80 (329.50 to 330.50): E

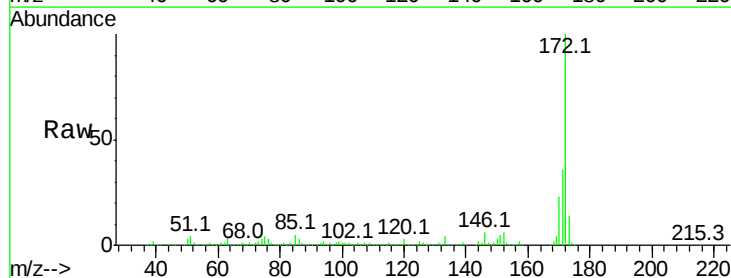
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.657 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028987.D
 Acq: 30 Sep 2017 20:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	32.2	48.2
170	22.7	21.8	32.6

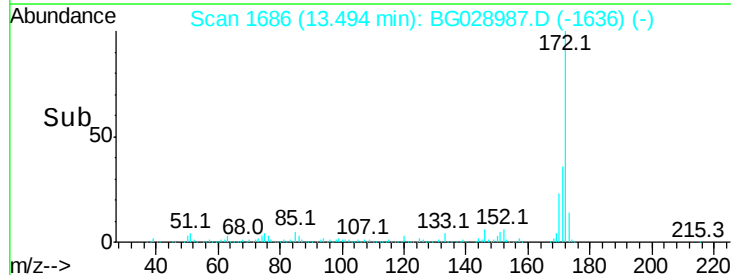
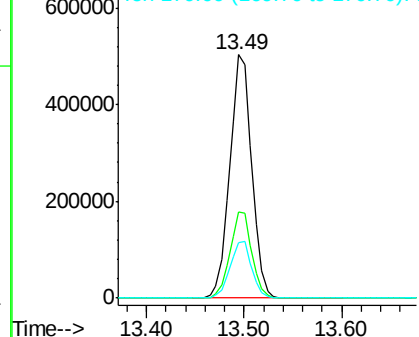


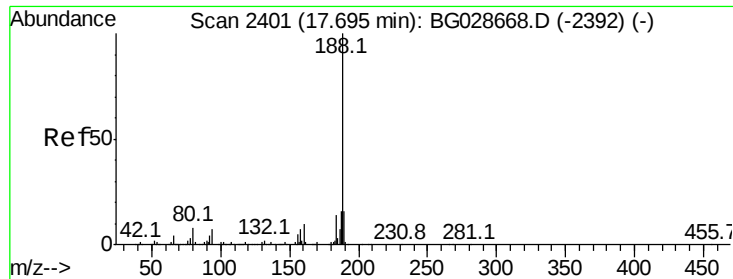
Abundance

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: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Instrument :

BNA_G

ClientSampleId :

FB_092617

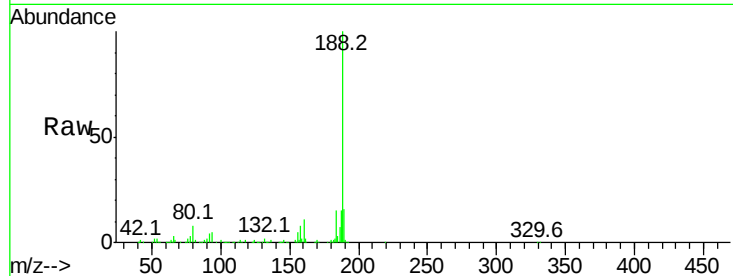
Tot Ion:188 Resp: 252925

Ion Ratio Lower Upper

188 100

94 5.2 5.8 8.8#

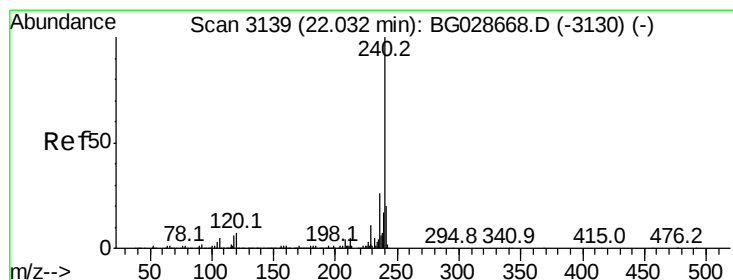
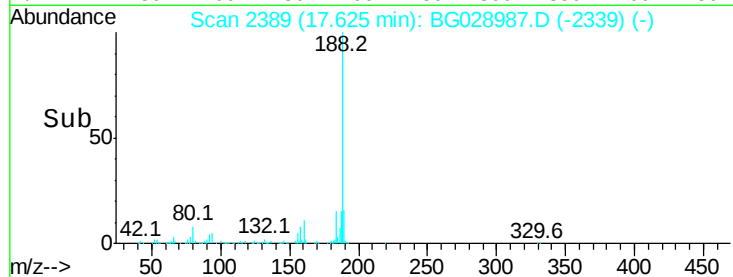
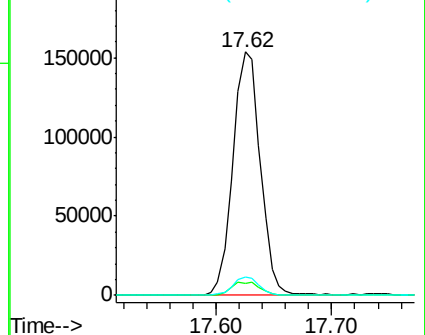
80 7.6 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

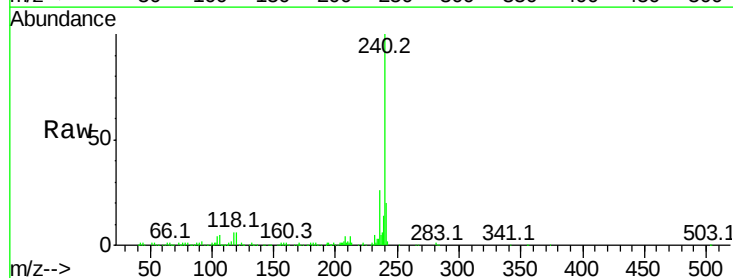
Tgt Ion:240 Resp: 298268

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

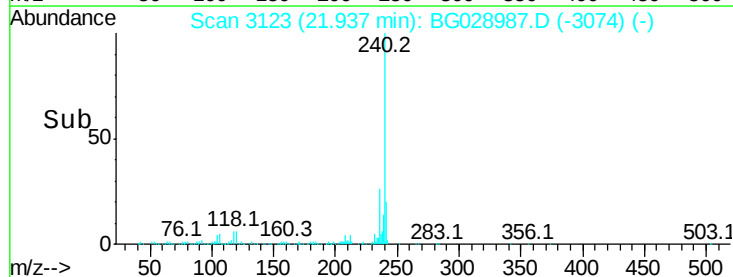
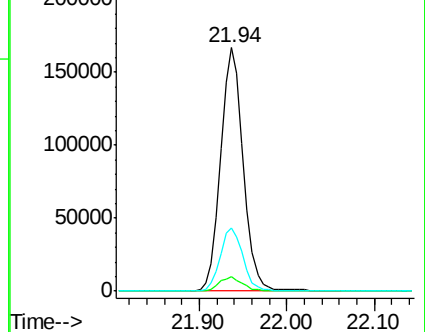
236 25.7 22.2 33.4

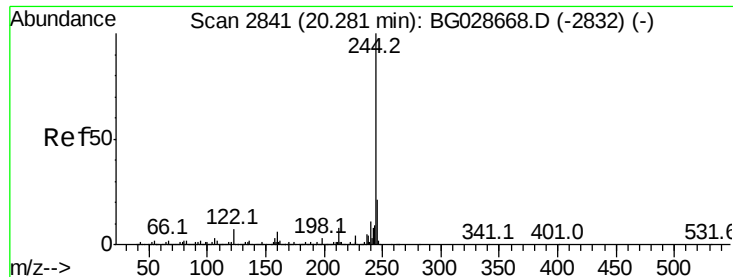


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.754 ng

RT: 20.22 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

Instrument :

BNA_G

ClientSampleId :

FB_092617

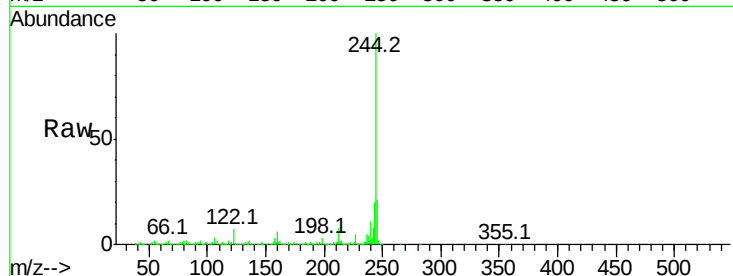
Tot Ion:244 Resp: 1451136

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

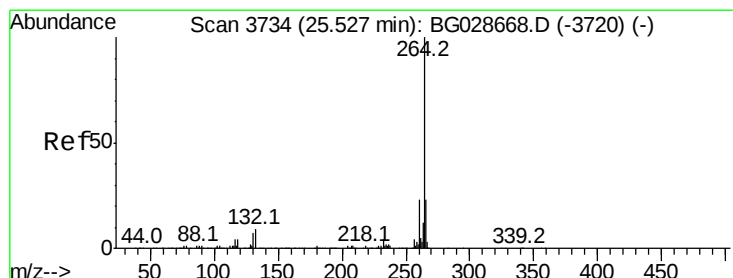
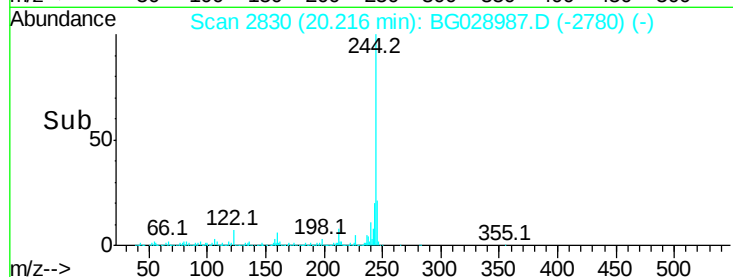
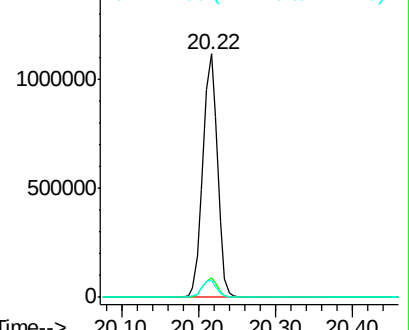
122 7.0 8.6 12.8#



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: 25.36 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG028987.D

Acq: 30 Sep 2017 20:05

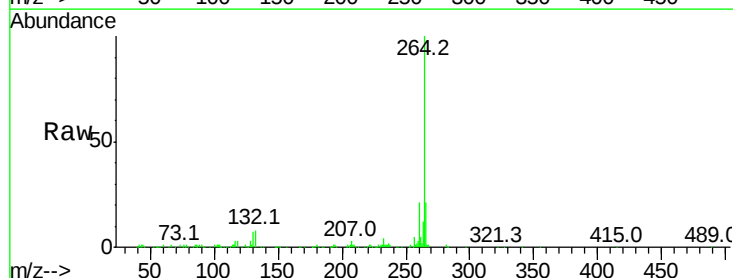
Tgt Ion:264 Resp: 312297

Ion Ratio Lower Upper

264 100

260 21.3 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

