

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028930.D
 Acq On : 26 Sep 2017 5:53
 Operator : SJ/JU
 Sample : I5395-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-(0-5)

Quant Time: Sep 26 07:43:25 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	24845	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	91561	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	69023	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	215430	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	261158	20.00	ng	-0.06
86) Perylene-d12	25.42	264	260182	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	177172	117.67	ng	-0.05
7) Phenol-d6	7.44	99	227296	100.26	ng	-0.05
23) Nitrobenzene-d5	9.45	82	165868	86.66	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	162246	142.12	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	415386	80.25	ng	-0.05
78) Terphenyl-d14	20.23	244	1067636	87.18	ng	-0.05

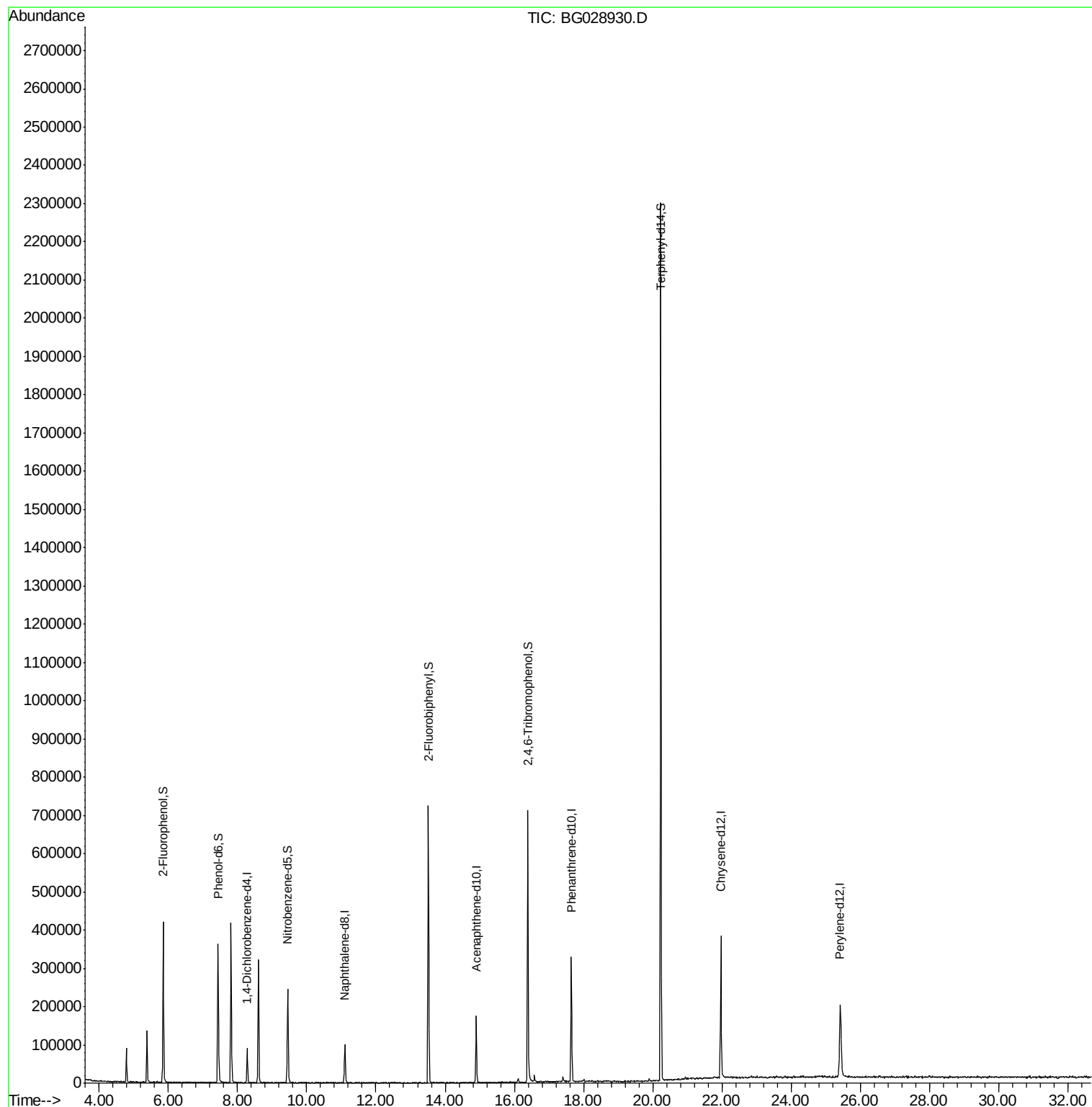
Target Compounds Qvalue

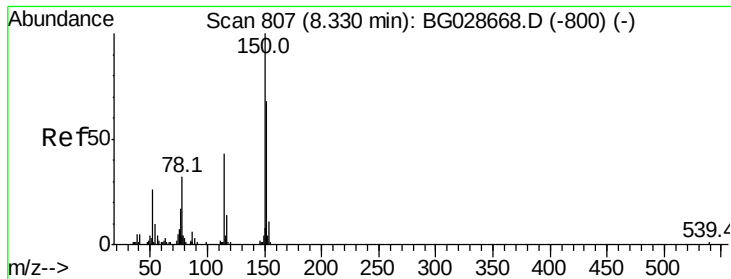
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028930.D

Acq: 26 Sep 2017 5:53

Instrument :

BNA_G

ClientSampleId :

TP-5-(0-5)

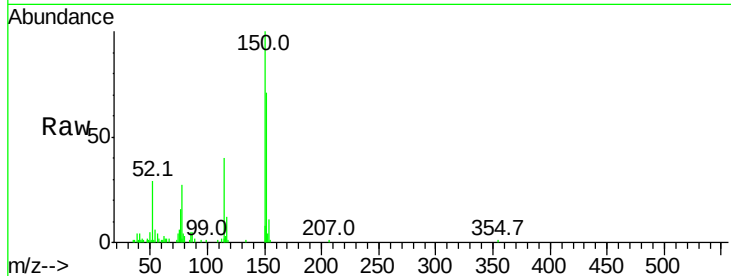
Tot Ion:152 Resp: 24845

Ion Ratio Lower Upper

152 100

150 141.4 114.0 171.0

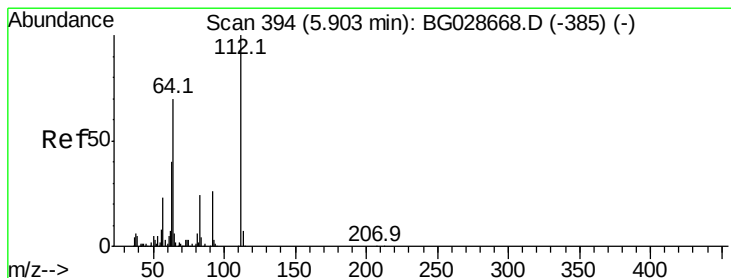
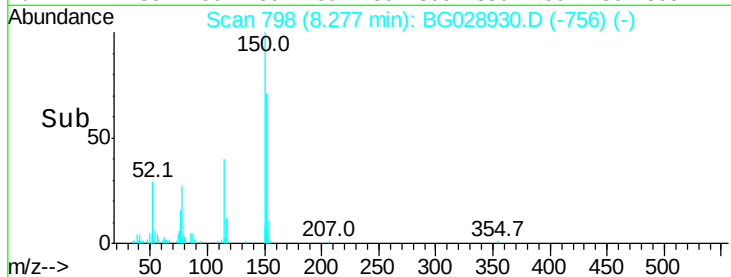
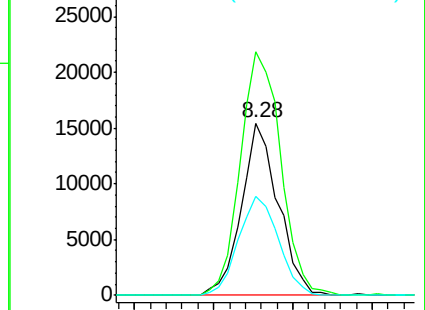
115 57.2 48.1 72.1



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: 117.667 ng

RT: 5.85 min Scan# 385

Delta R.T. -0.05 min

Lab File: BG028930.D

Acq: 26 Sep 2017 5:53

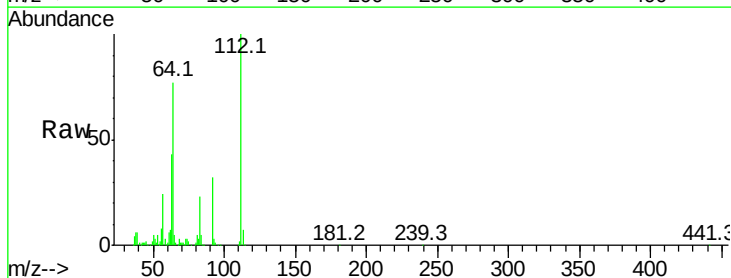
Tgt Ion:112 Resp: 177172

Ion Ratio Lower Upper

112 100

64 77.0 61.8 92.6

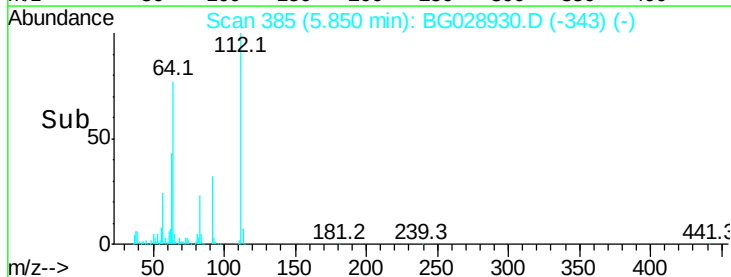
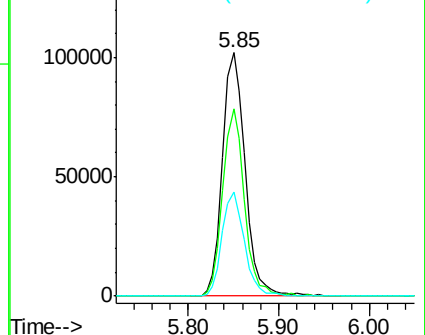
63 42.8 37.2 55.8

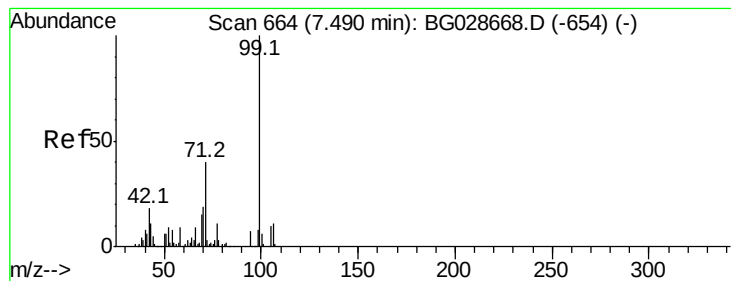


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 100.261 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028930.D

Acq: 26 Sep 2017 5:53

Instrument :

BNA_G

ClientSampleId :

TP-5-(0-5)

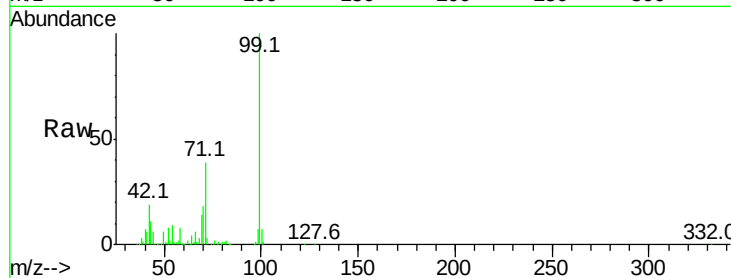
Tot Ion: 99 Resp: 227296

Ion Ratio Lower Upper

99 100

42 19.1 20.5 30.7#

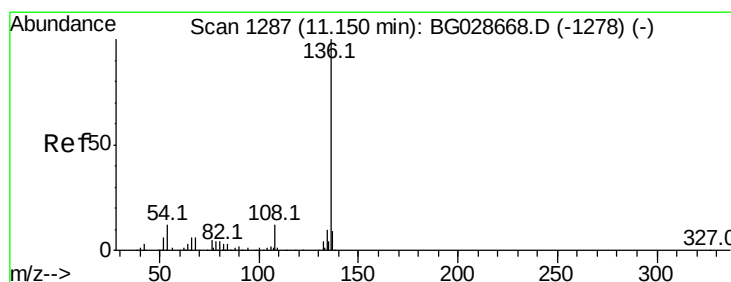
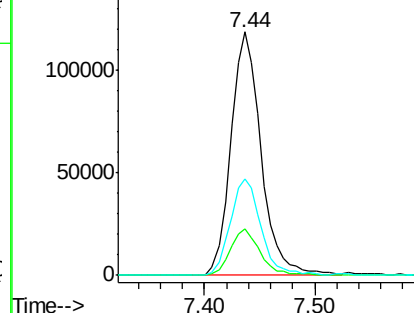
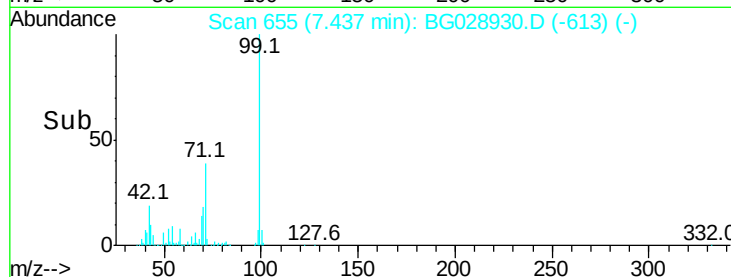
71 39.3 37.6 56.4



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: BG028930.D

Acq: 26 Sep 2017 5:53

Tgt Ion: 136 Resp: 91561

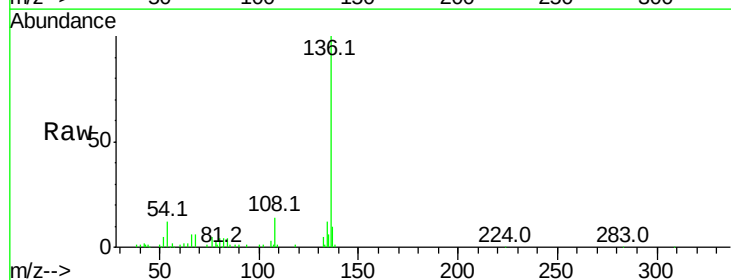
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 11.9 9.3 13.9

68 5.8 5.1 7.7

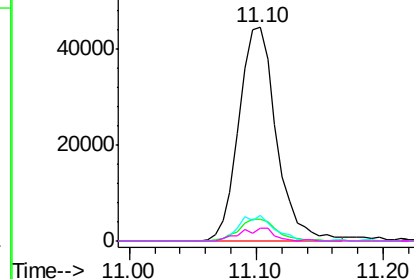
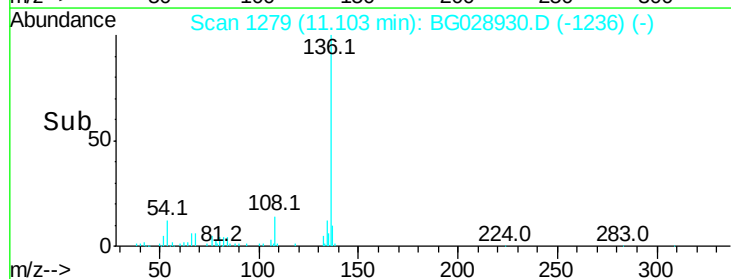


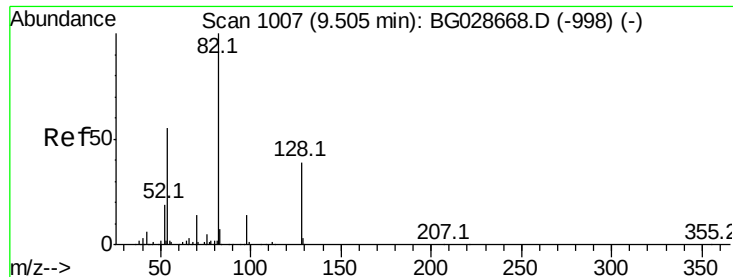
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

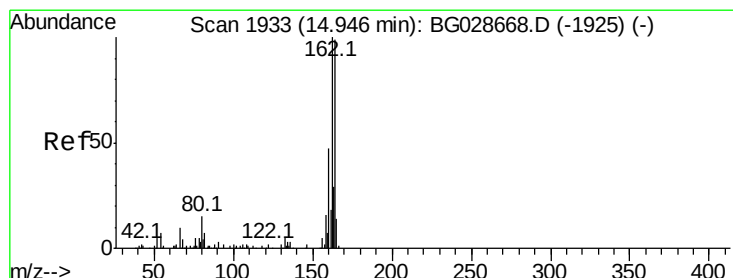
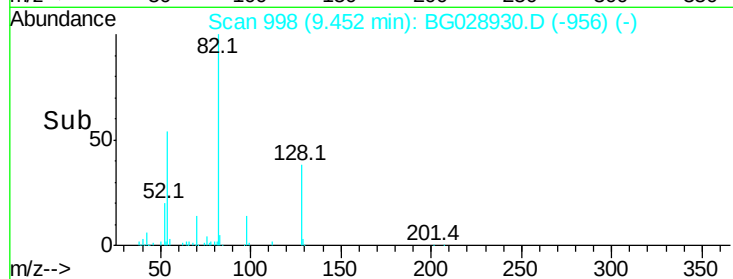
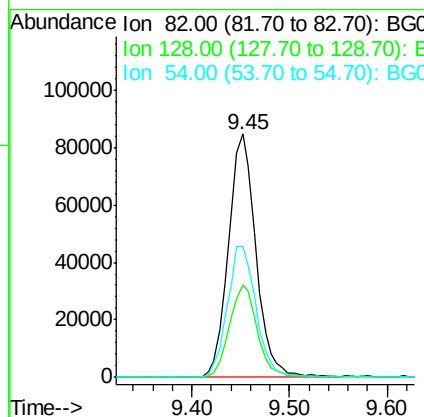
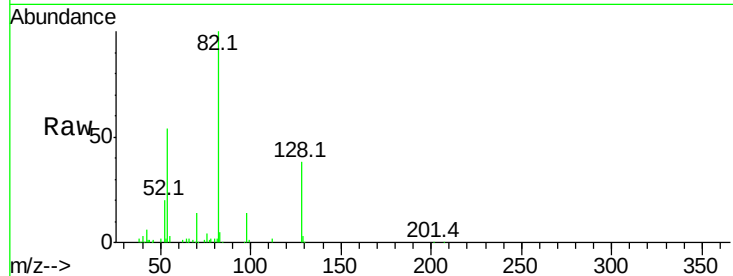




#23
 Nitrobenzene-d5
 Concen: 86.660 ng
 RT: 9.45 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BG028930.D
 Acq: 26 Sep 2017 5:53

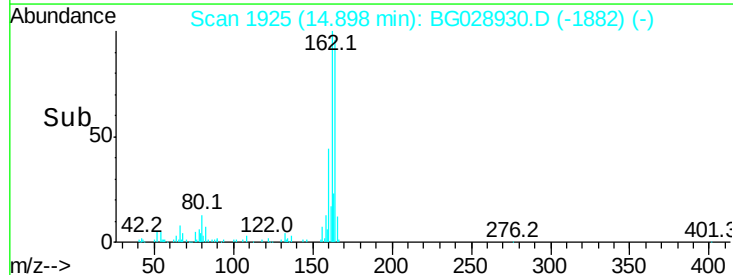
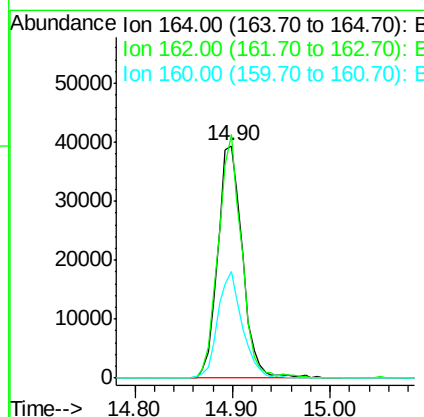
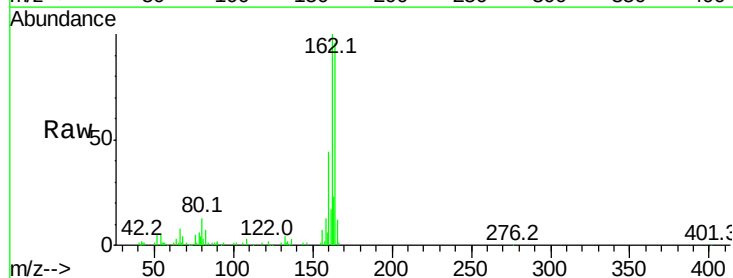
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-(0-5)

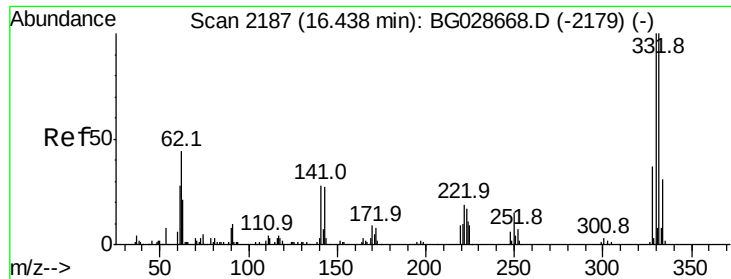
Tot Ion	82	Resp	165868
Ion	Ratio	Lower	Upper
82	100		
128	37.9	26.4	39.6
54	54.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.90 min Scan# 1925
 Delta R.T. -0.05 min
 Lab File: BG028930.D
 Acq: 26 Sep 2017 5:53

Tgt Ion	164	Resp	69023
Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.1	127.7
160	45.9	34.7	52.1

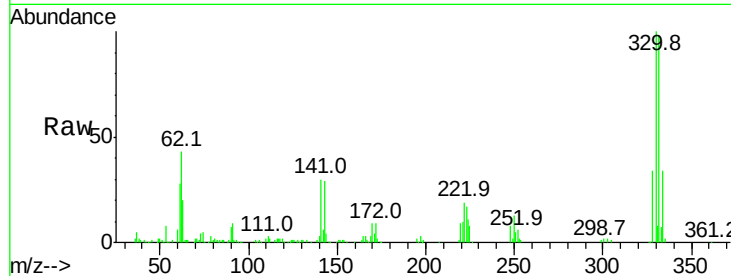




#41
 2,4,6-Tribromophenol
 Concen: 142.122 ng
 RT: 16.39 min Scan# 2179
 Delta R.T. -0.05 min
 Lab File: BG028930.D
 Acq: 26 Sep 2017 5:53

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	31.9	32.1	48.1#

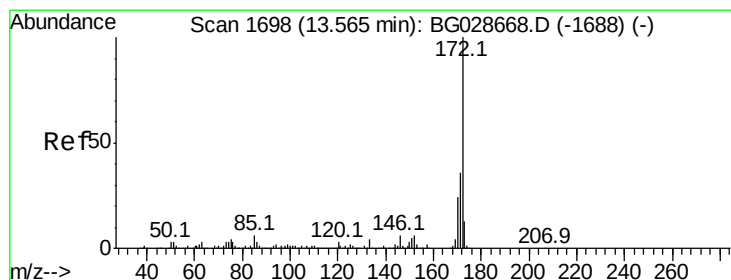
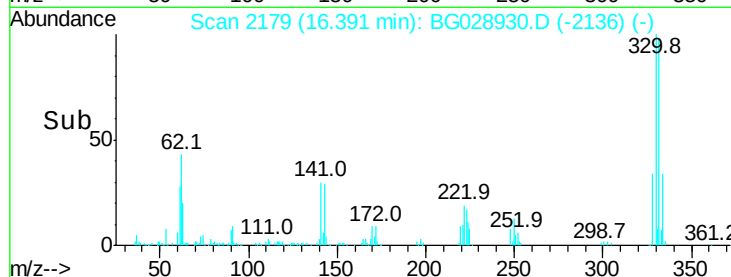
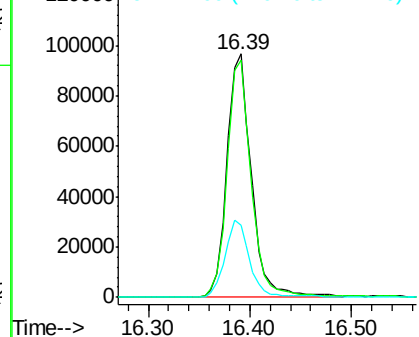


Abundance

Ion 329.80 (329.50 to 330.50): E

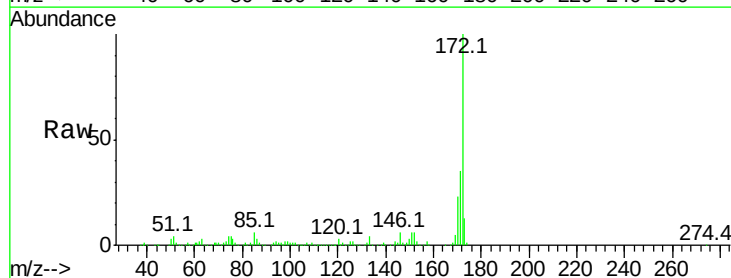
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.246 ng
 RT: 13.52 min Scan# 1690
 Delta R.T. -0.05 min
 Lab File: BG028930.D
 Acq: 26 Sep 2017 5:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	32.2	48.2
170	23.3	21.8	32.6

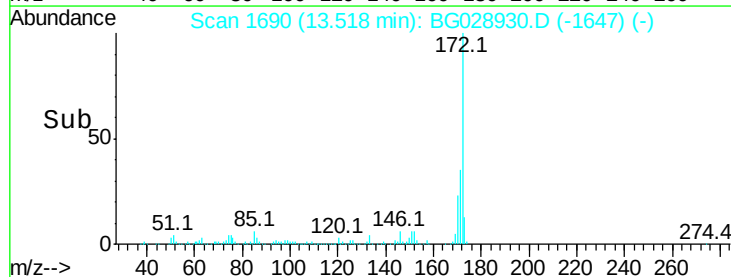
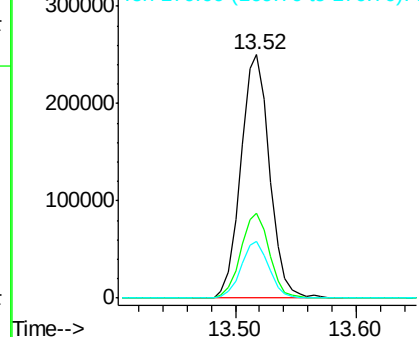


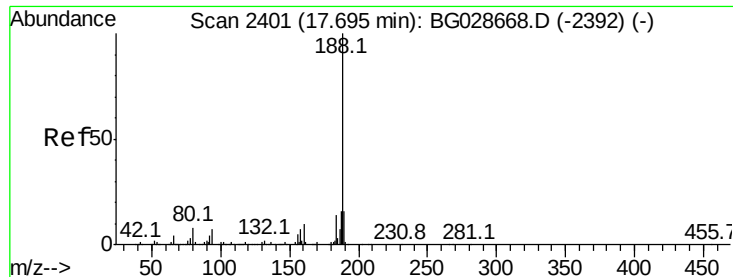
Abundance

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: 17.65 min Scan# 2393

Delta R.T. -0.05 min

Lab File: BG028930.D

Acq: 26 Sep 2017 5:53

Instrument :

BNA_G

ClientSampleId :

TP-5-(0-5)

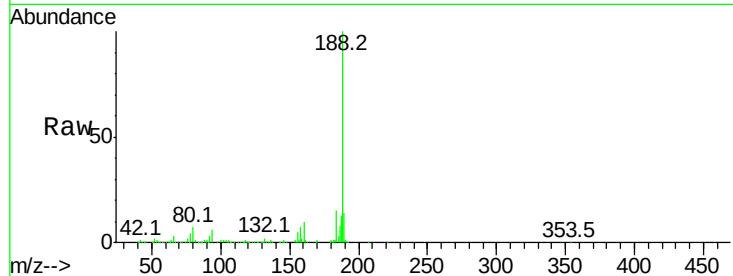
Tot Ion:188 Resp: 215430

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

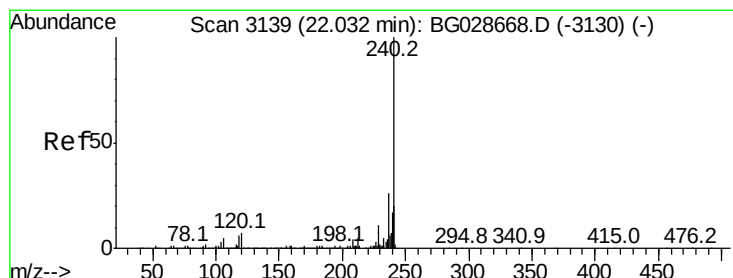
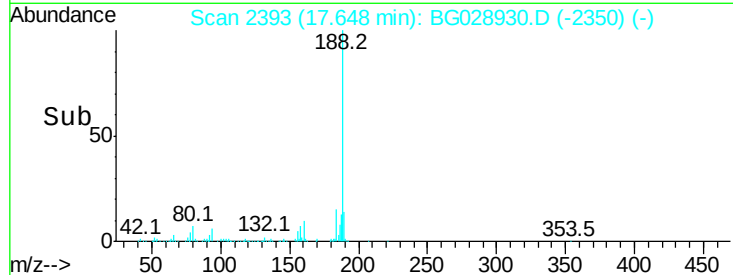
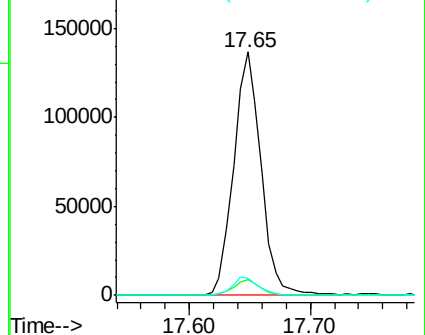
80 6.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028930.D

Acq: 26 Sep 2017 5:53

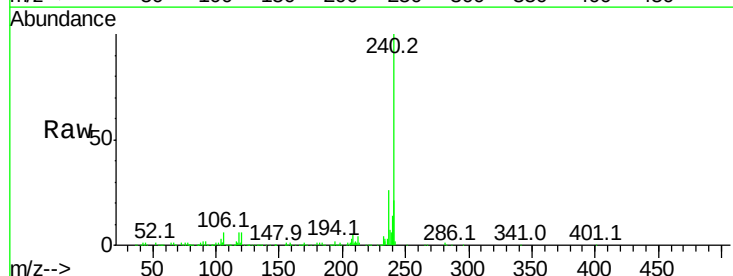
Tgt Ion:240 Resp: 261158

Ion Ratio Lower Upper

240 100

120 6.3 5.7 8.5

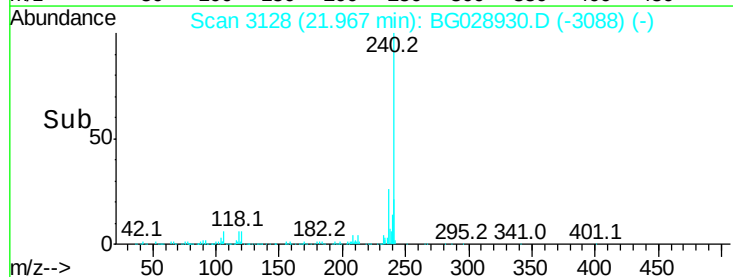
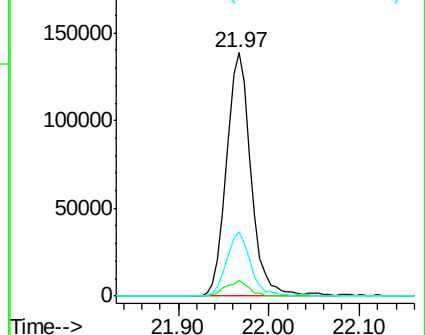
236 26.2 22.2 33.4

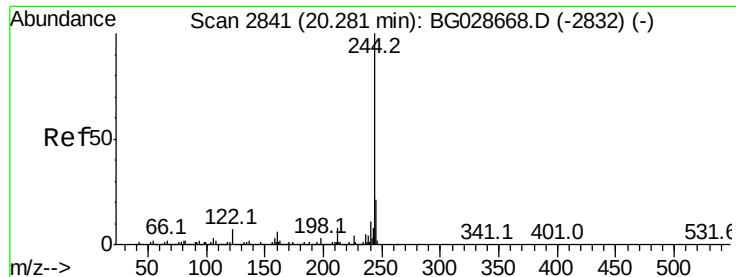


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.181 ng

RT: 20.23 min Scan# 2833

Delta R.T. -0.05 min

Lab File: BG028930.D

Acq: 26 Sep 2017 5:53

Instrument :

BNA_G

ClientSampled :

TP-5-(0-5)

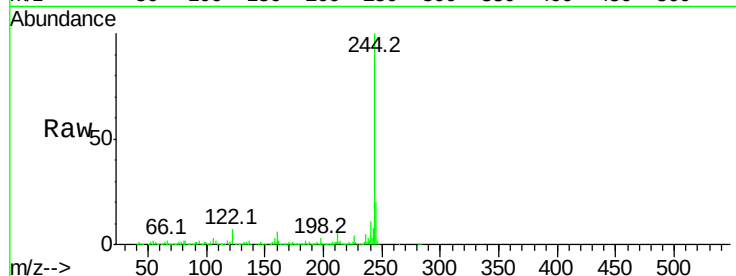
Tot Ion:244 Resp: 1067636

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

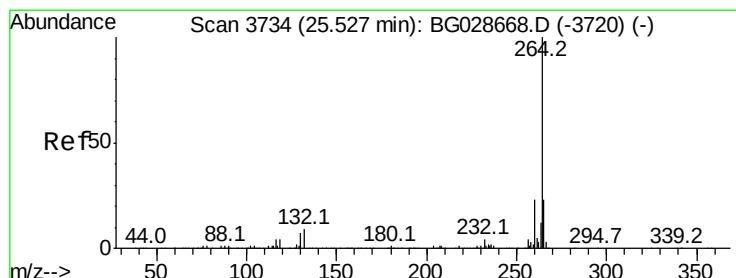
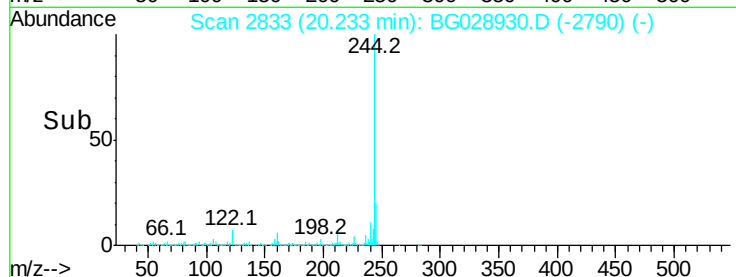
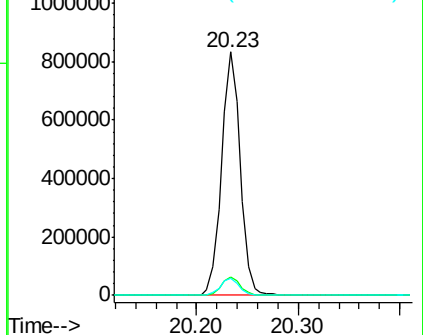
122 6.9 8.6 12.8#



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: 25.42 min Scan# 3715

Delta R.T. -0.11 min

Lab File: BG028930.D

Acq: 26 Sep 2017 5:53

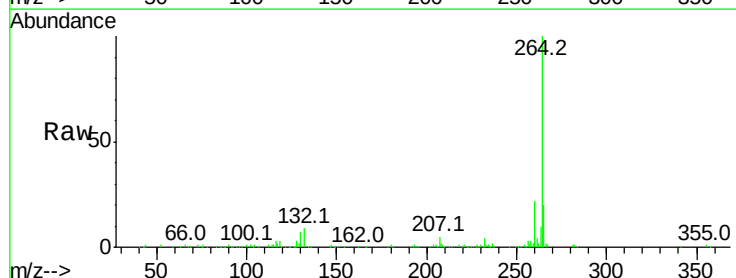
Tgt Ion:264 Resp: 260182

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 20.3 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

