

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028876.D
 Acq On : 22 Sep 2017 3:02
 Operator : SJ/JU
 Sample : I5336-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-092017

Quant Time: Sep 22 04:10:26 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	27160	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	109483	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	75091	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	220375	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	251770	20.00	ng	-0.05
86) Perylene-d12	25.45	264	223404	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	213381	129.64	ng	-0.04
7) Phenol-d6	7.44	99	269805	108.87	ng	-0.04
23) Nitrobenzene-d5	9.45	82	199931	87.36	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	184520	148.57	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	511372	90.81	ng	-0.04
78) Terphenyl-d14	20.25	244	1118872	94.77	ng	-0.03

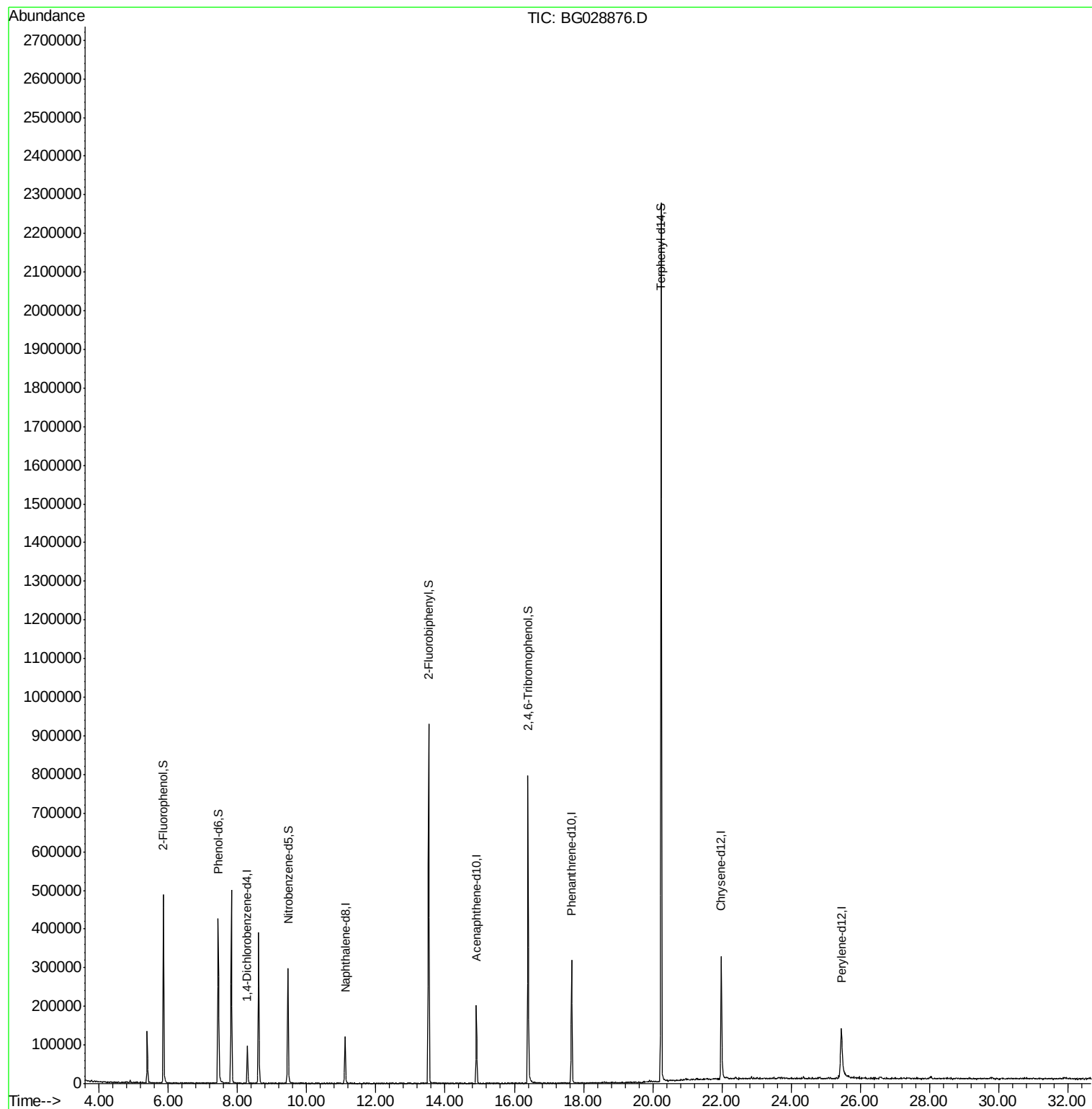
Target Compounds Qvalue

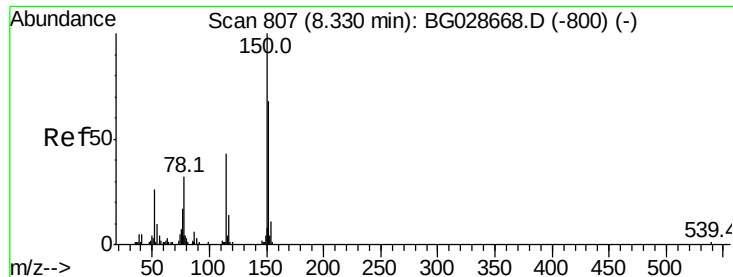
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 799

Delta R.T. -0.04 min

Lab File: BG028876.D

Acq: 22 Sep 2017 3:02

Instrument :

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TR-05-092017

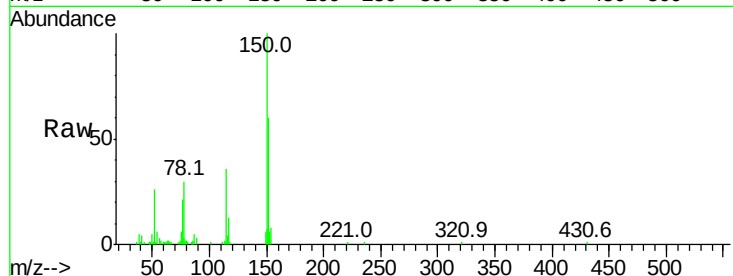
Tot Ion:152 Resp: 27160

Ion Ratio Lower Upper

152 100

150 166.5 114.0 171.0

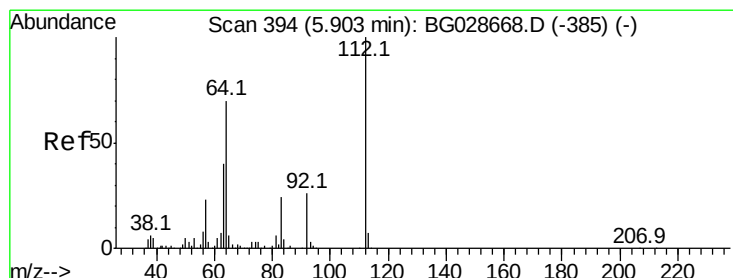
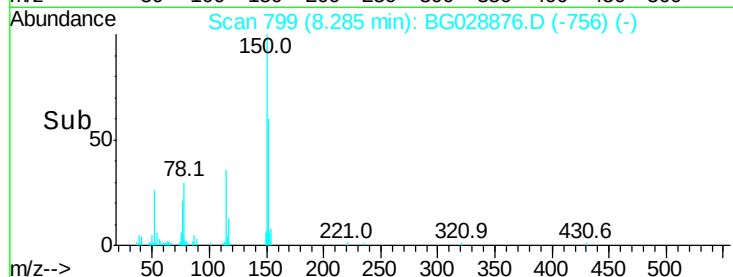
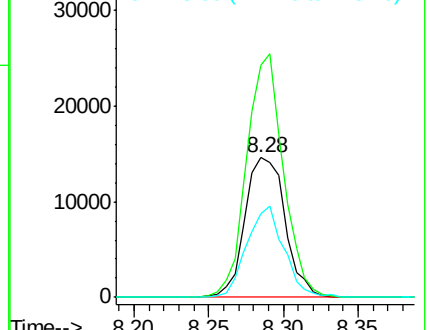
115 59.6 48.1 72.1



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: 129.635 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028876.D

Acq: 22 Sep 2017 3:02

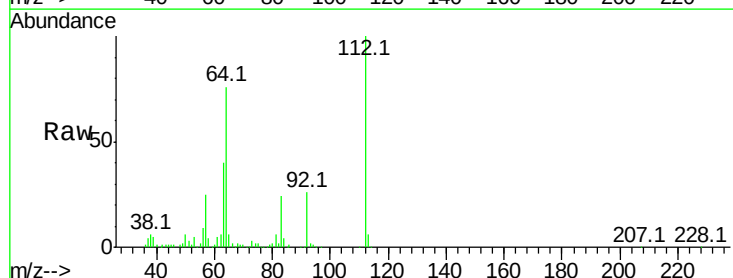
Tgt Ion:112 Resp: 213381

Ion Ratio Lower Upper

112 100

64 75.7 61.8 92.6

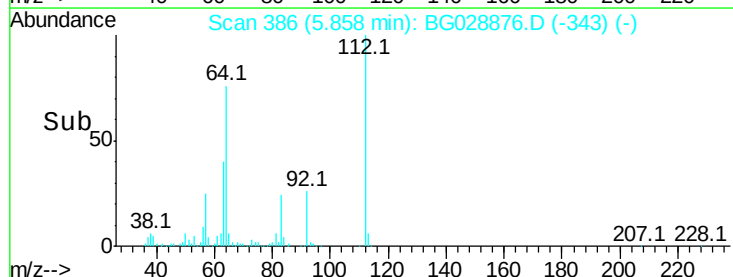
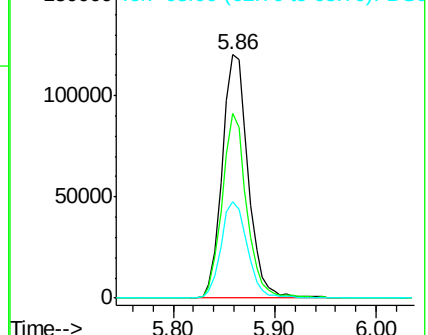
63 39.7 37.2 55.8

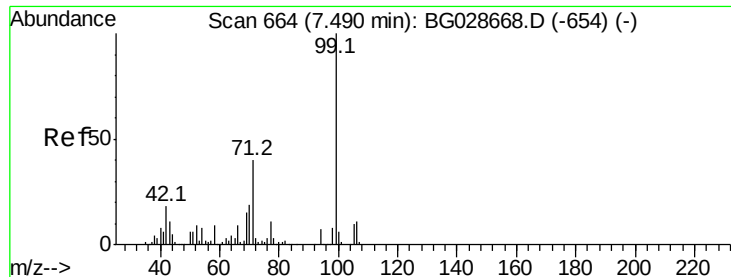


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 108.868 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028876.D

Acq: 22 Sep 2017 3:02

Instrument :

BNA_G

ClientSampleId :

TR-05-092017

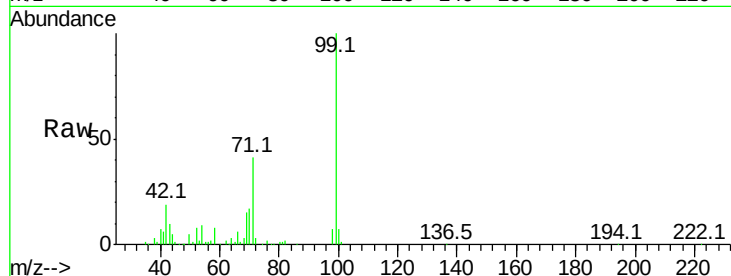
Tot Ion: 99 Resp: 269805

Ion Ratio Lower Upper

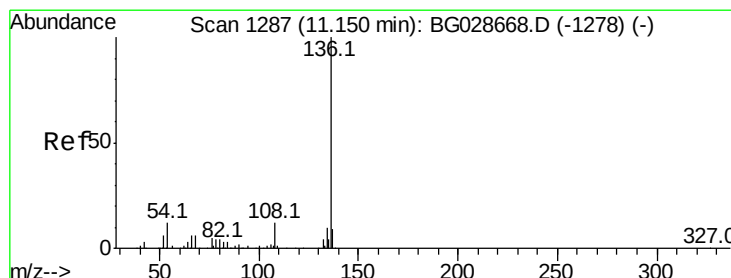
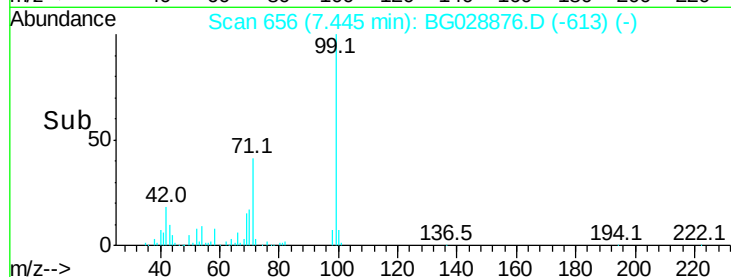
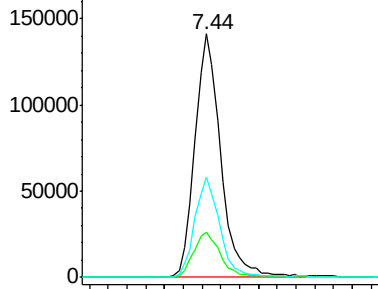
99 100

42 18.6 20.5 30.7#

71 41.4 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: 11.11 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BG028876.D

Acq: 22 Sep 2017 3:02

Tgt Ion: 136 Resp: 109483

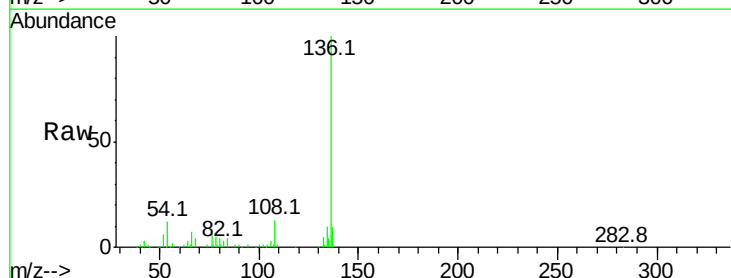
Ion Ratio Lower Upper

136 100

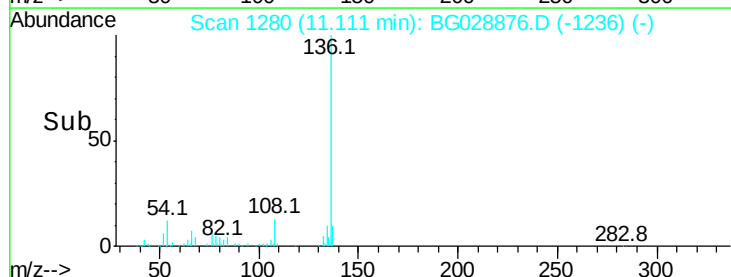
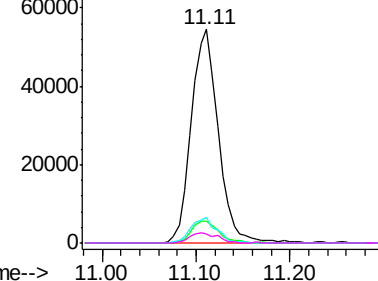
137 10.5 8.9 13.3

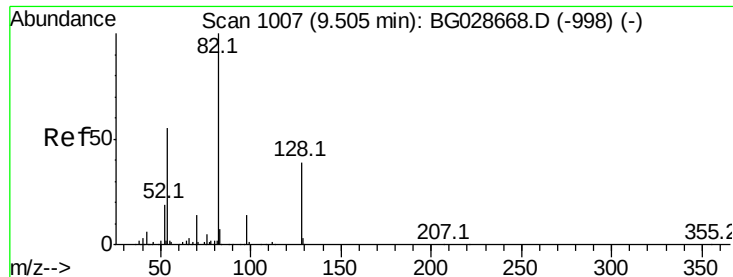
54 12.2 9.3 13.9

68 4.3 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

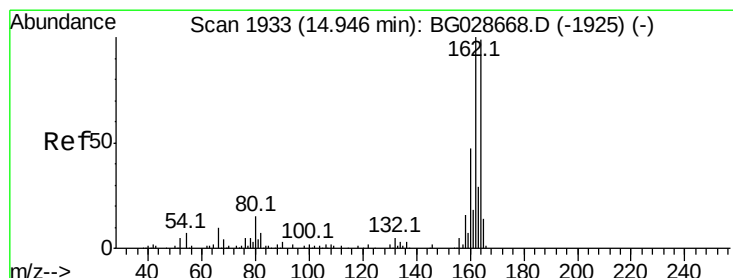
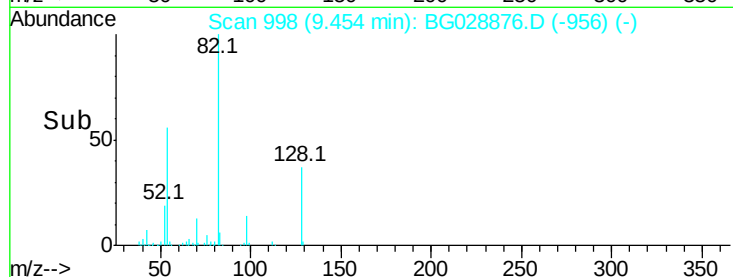
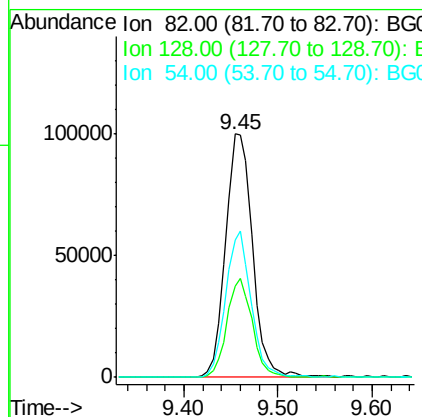
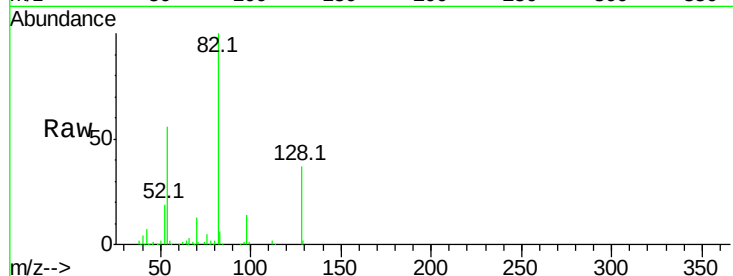




#23
Nitrobenzene-d5
Concen: 87.358 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028876.D
Acq: 22 Sep 2017 3:02

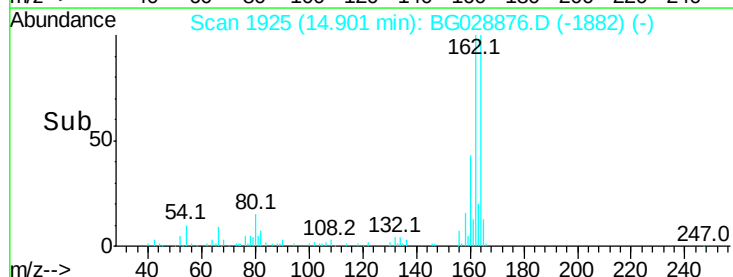
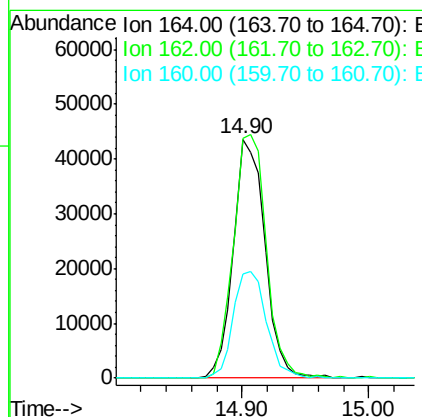
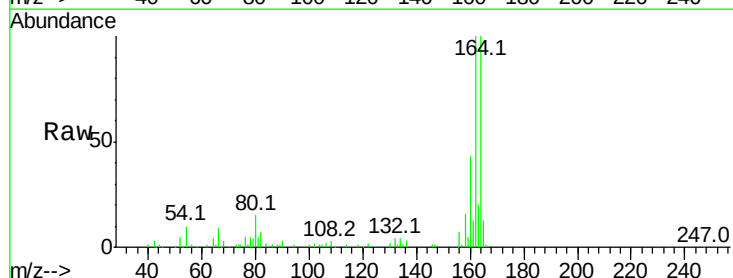
Instrument :
BNA_G
ClientSampleId :
TR-05-092017

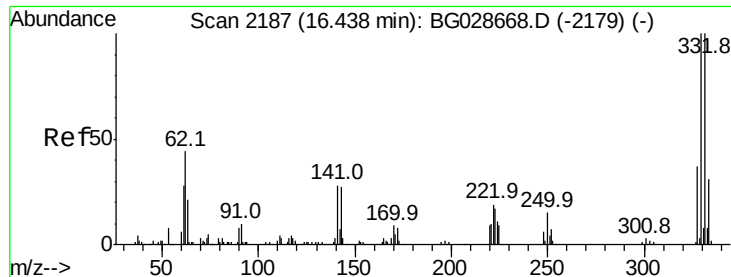
Tot Ion	82	Resp	199931
Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.4	39.6
54	56.4	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.04 min
Lab File: BG028876.D
Acq: 22 Sep 2017 3:02

Tgt Ion	164	Resp	75091
Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	43.3	34.7	52.1

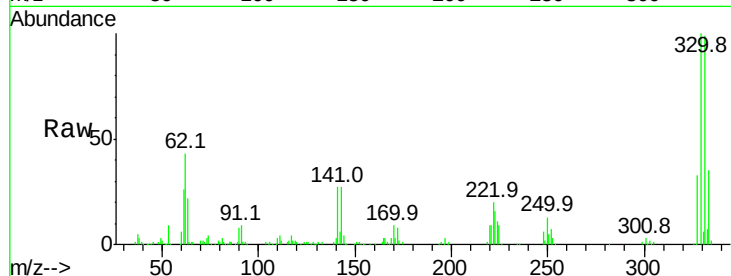




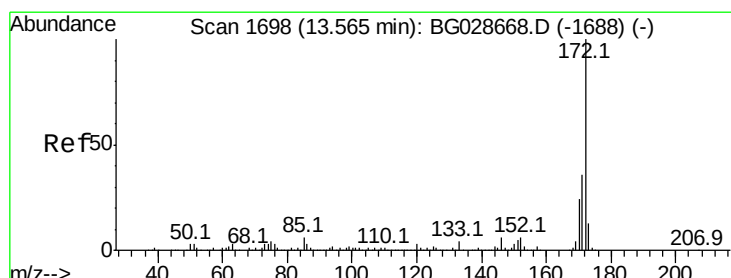
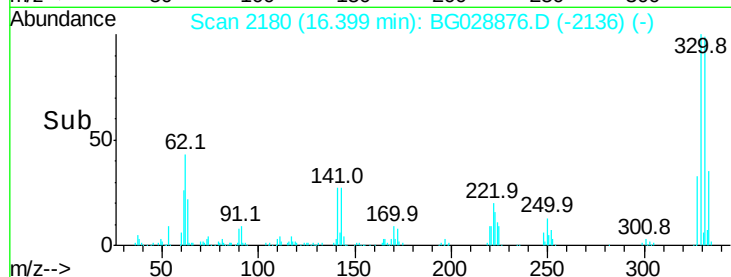
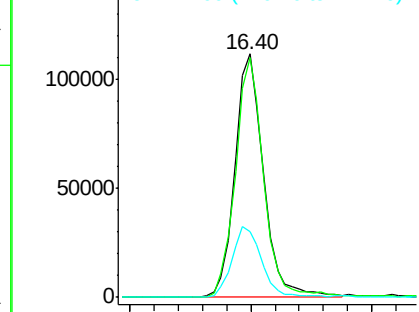
#41
 2,4,6-Tribromophenol
 Concen: 148.572 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028876.D
 Acq: 22 Sep 2017 3:02

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-092017

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.3	115.9
141	30.3	32.1	48.1#

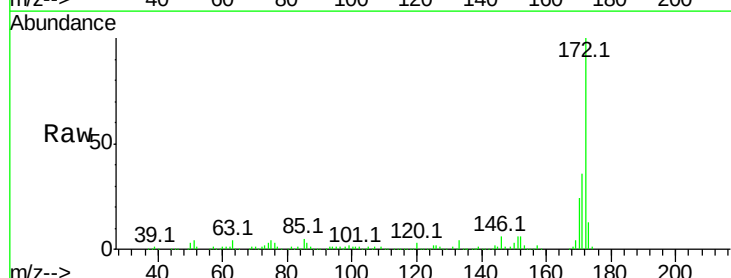


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

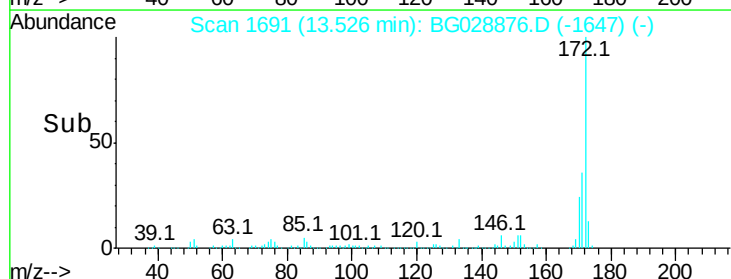
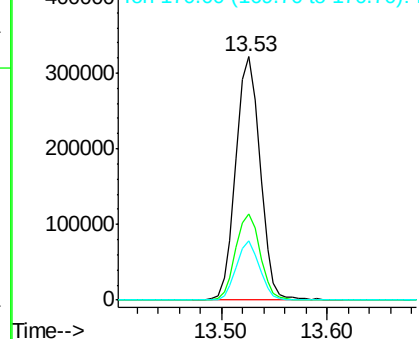


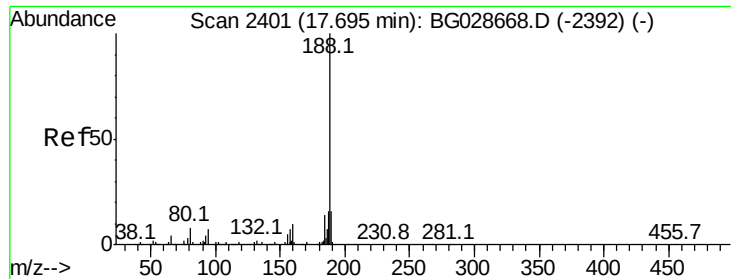
#44
 2-Fluorobiphenyl
 Concen: 90.806 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028876.D
 Acq: 22 Sep 2017 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	32.2	48.2
170	24.5	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

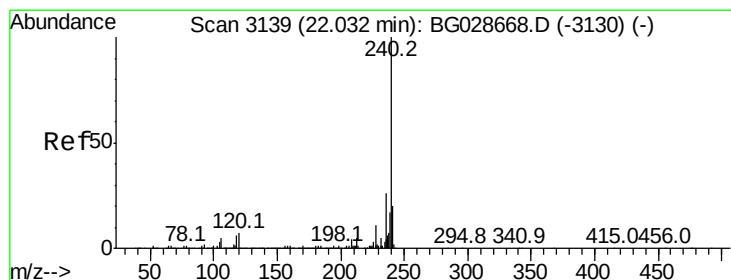
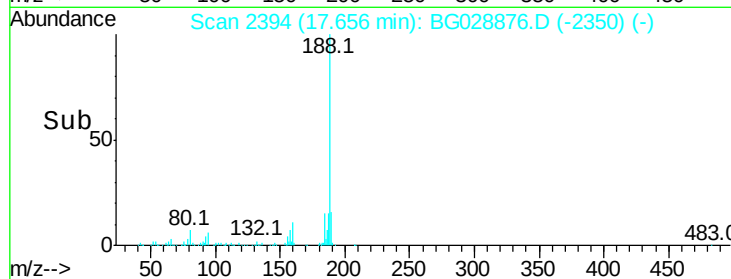
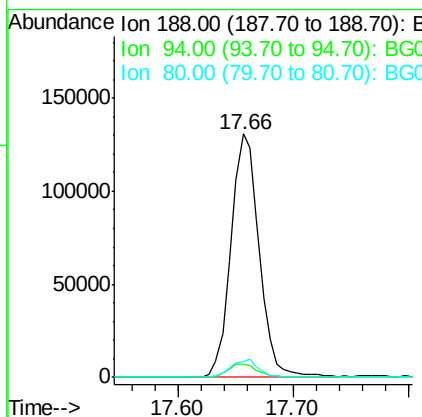
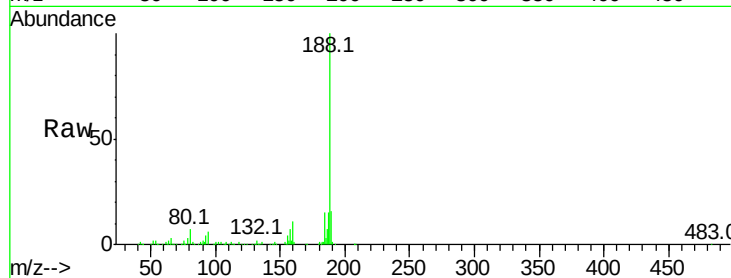




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.66 min Scan# 2394
Delta R.T. -0.04 min
Lab File: BG028876.D
Acq: 22 Sep 2017 3:02

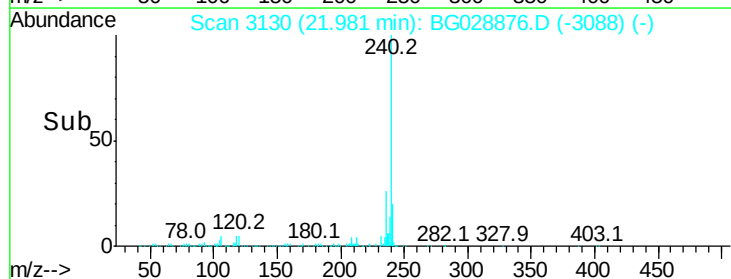
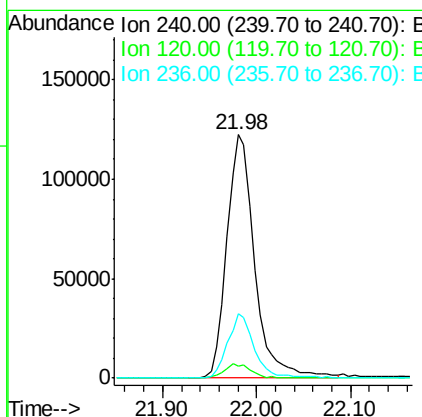
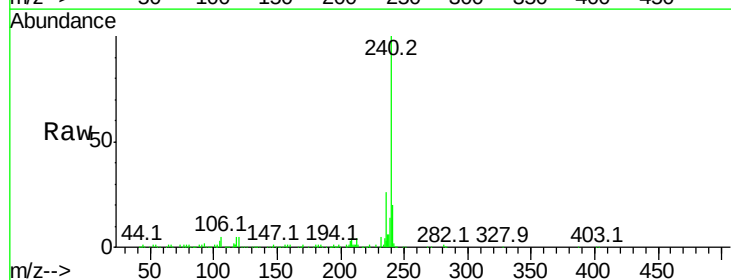
Instrument :
BNA_G
ClientSampleId :
TR-05-092017

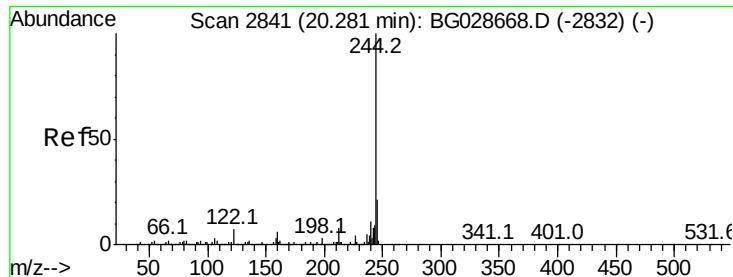
Tot Ion:188 Resp: 220375
Ion Ratio Lower Upper
188 100
94 5.7 5.8 8.8#
80 6.6 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.98 min Scan# 3130
Delta R.T. -0.05 min
Lab File: BG028876.D
Acq: 22 Sep 2017 3:02

Tgt Ion:240 Resp: 251770
Ion Ratio Lower Upper
240 100
120 5.0 5.7 8.5#
236 26.3 22.2 33.4





#78

Terphenyl-d14

Concen: 94.772 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028876.D

Acq: 22 Sep 2017 3:02

Instrument :

BNA_G

ClientSampleId :

TR-05-092017

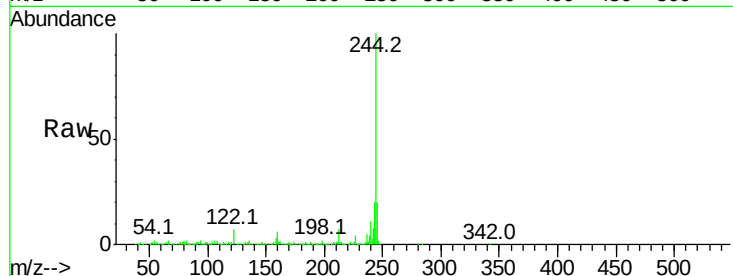
Tot Ion:244 Resp: 1118872

Ion Ratio Lower Upper

244 100

212 7.3 10.0 15.0#

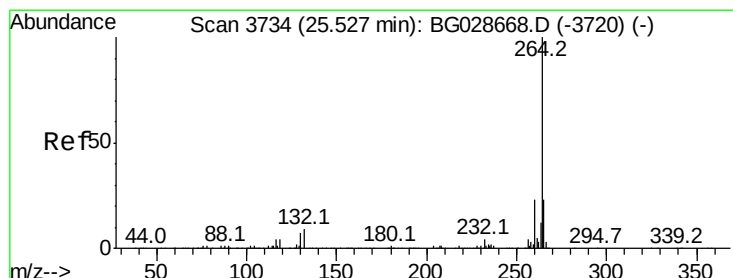
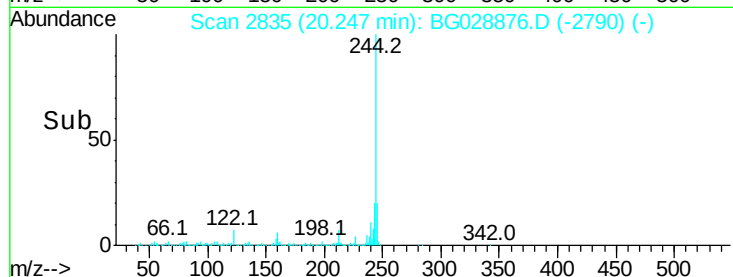
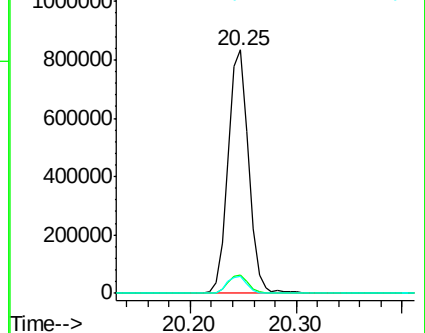
122 6.8 8.6 12.8#



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: 25.45 min Scan# 3721

Delta R.T. -0.07 min

Lab File: BG028876.D

Acq: 22 Sep 2017 3:02

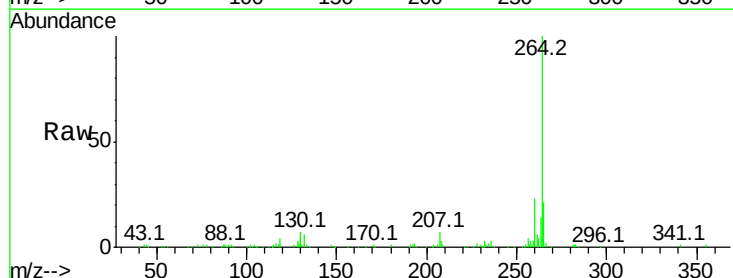
Tgt Ion:264 Resp: 223404

Ion Ratio Lower Upper

264 100

260 22.7 21.8 32.8

265 20.7 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

