

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028809.D
 Acq On : 19 Sep 2017 00:18
 Operator : SJ/JU
 Sample : PB102386TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:15:23 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

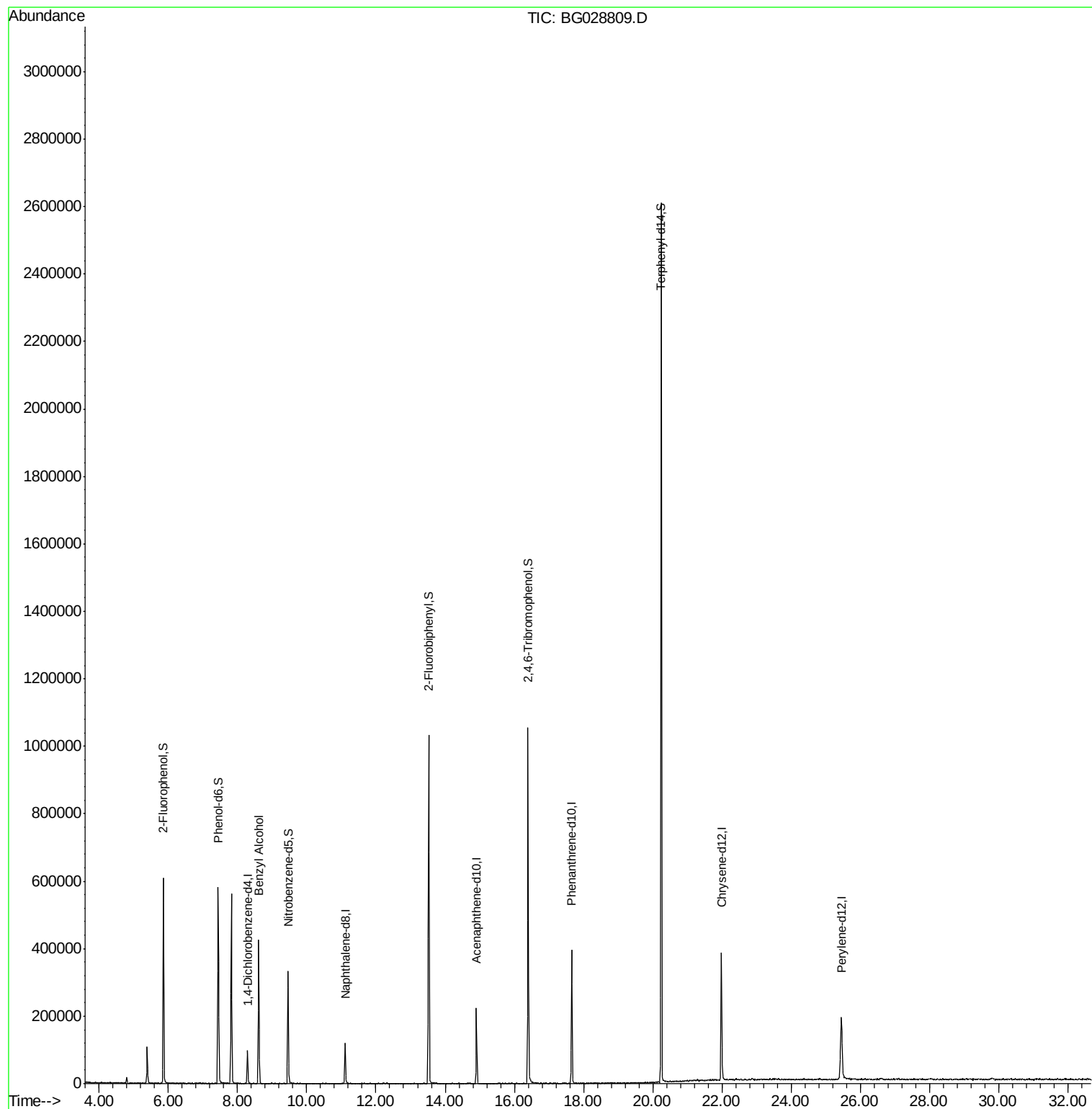
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	26120	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	104359	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	81399	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	246950	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	269889	20.00	ng	-0.05
86) Perylene-d12	25.45	264	273062	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	257990	162.98	ng	-0.05
7) Phenol-d6	7.44	99	348168	146.08	ng	-0.05
23) Nitrobenzene-d5	9.46	82	215448	98.76	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	231887	172.24	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	590485	96.73	ng	-0.04
78) Terphenyl-d14	20.25	244	1220014	96.40	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.62	79	3927	2.11	ng	Qvalue # 52

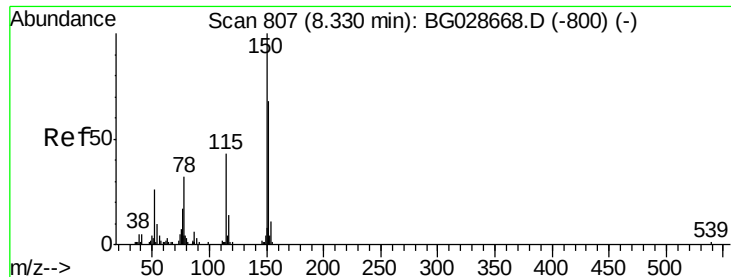
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028809.D

Acq: 19 Sep 2017 00:18

Instrument :

BNA_G

ClientSampleId :

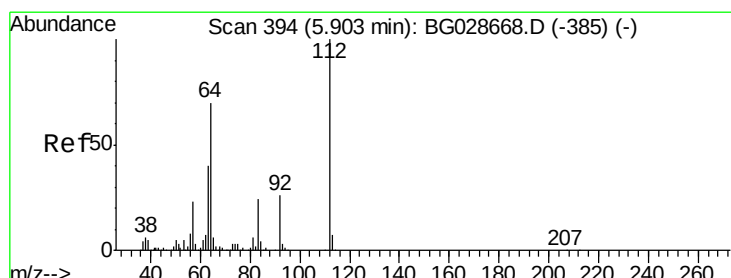
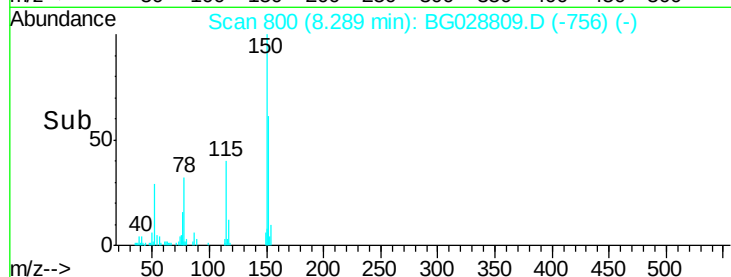
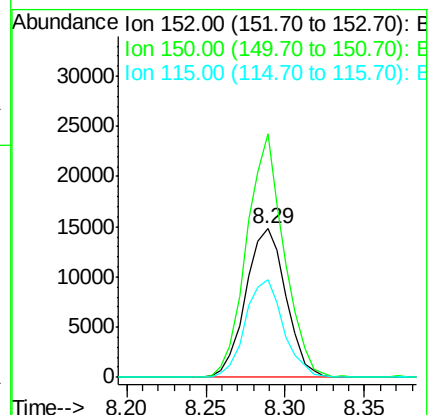
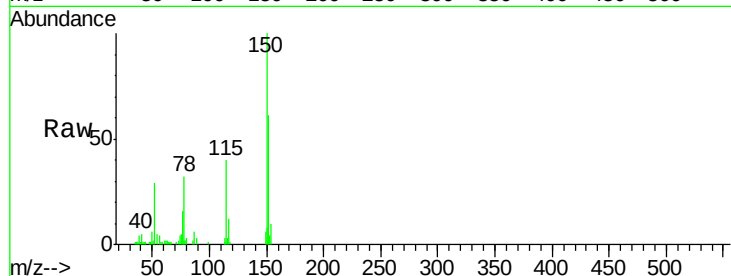
Tot Ion:152 Resp: 26120

Ion Ratio Lower Upper

152 100

150 164.1 114.0 171.0

115 65.5 48.1 72.1



#5

2-Fluorophenol

Concen: 162.98 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.05 min

Lab File: BG028809.D

Acq: 19 Sep 2017 00:18

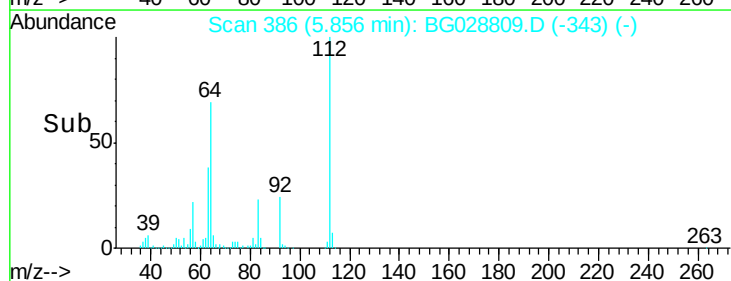
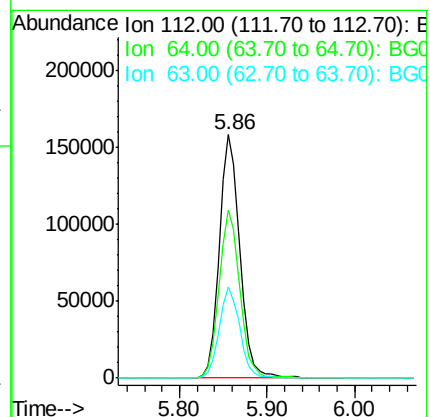
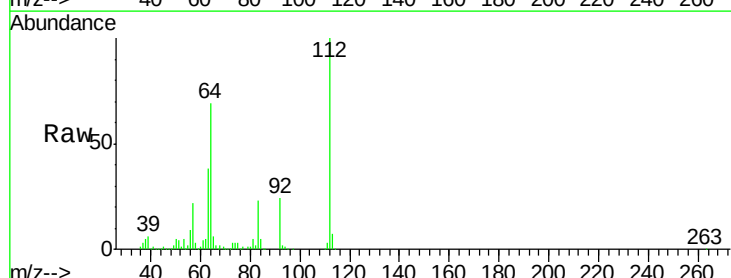
Tgt Ion:112 Resp: 257990

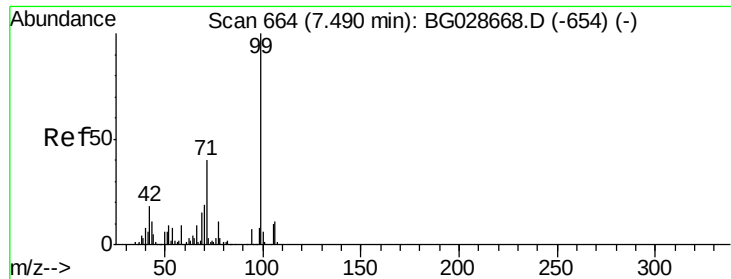
Ion Ratio Lower Upper

112 100

64 68.9 61.8 92.6

63 37.7 37.2 55.8





#7

Phenol-d6

Concen: 146.08 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028809.D

Acq: 19 Sep 2017 00:18

Instrument :

BNA_G

ClientSampleId :

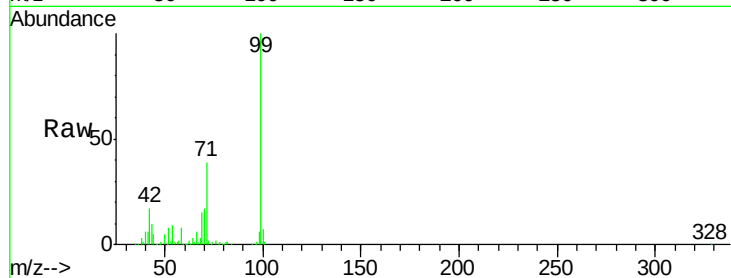
Tot Ion: 99 Resp: 348168

Ion Ratio Lower Upper

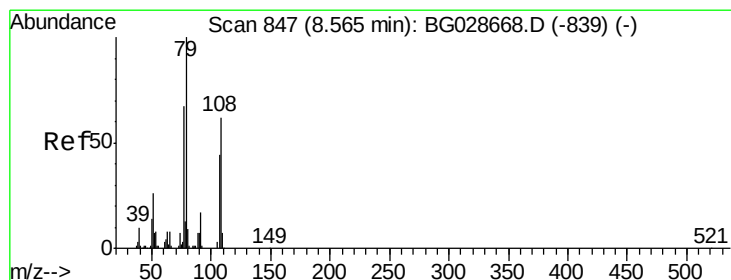
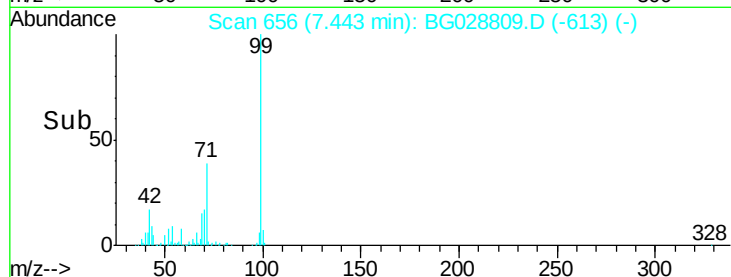
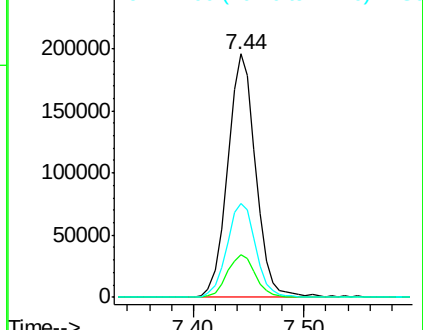
99 100

42 17.4 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



#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 8.62 min Scan# 856

Delta R.T. 0.05 min

Lab File: BG028809.D

Acq: 19 Sep 2017 00:18

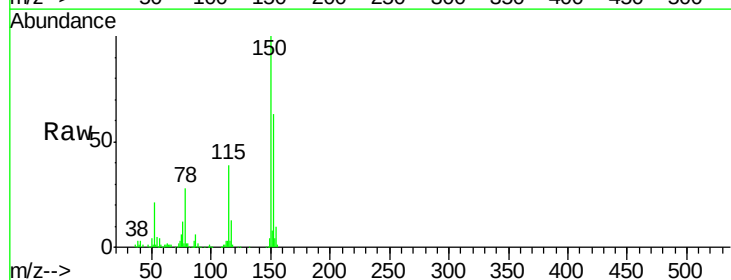
Tgt Ion: 79 Resp: 3927

Ion Ratio Lower Upper

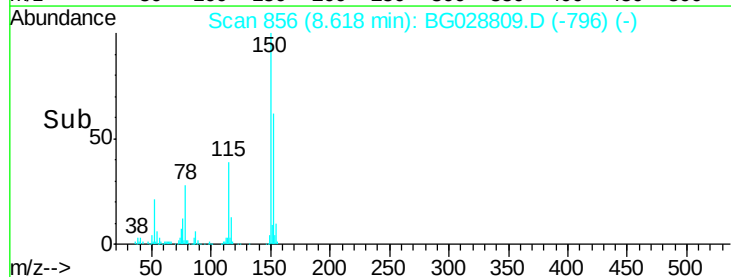
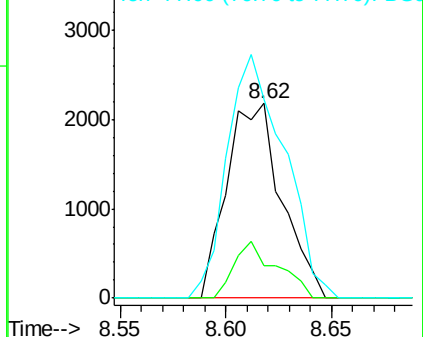
79 100

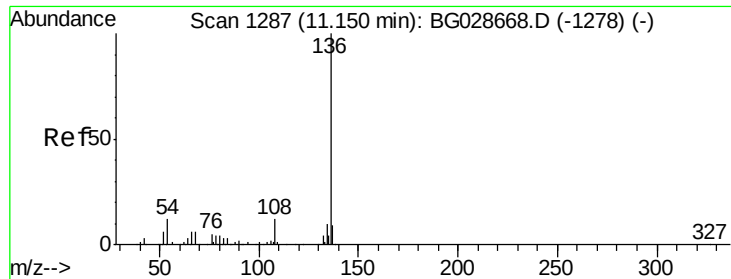
108 16.5 45.5 68.3#

77 102.0 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

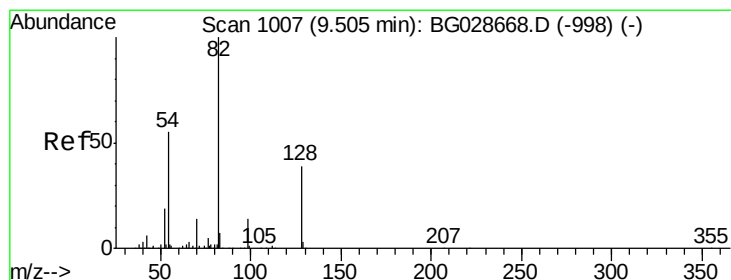
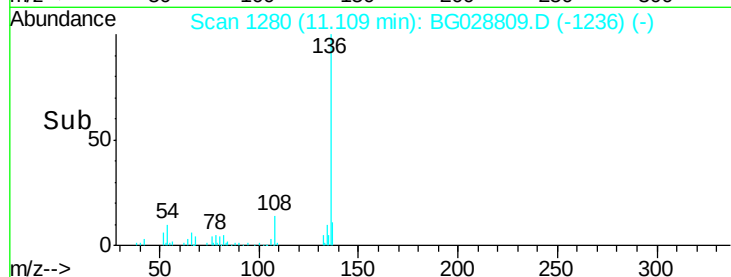
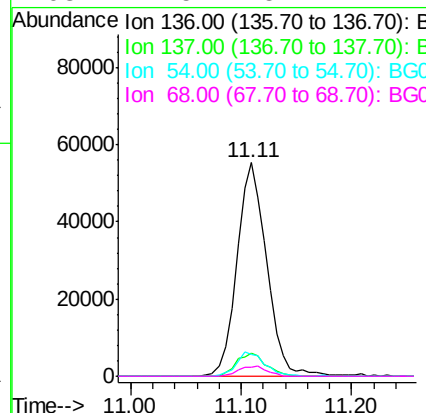
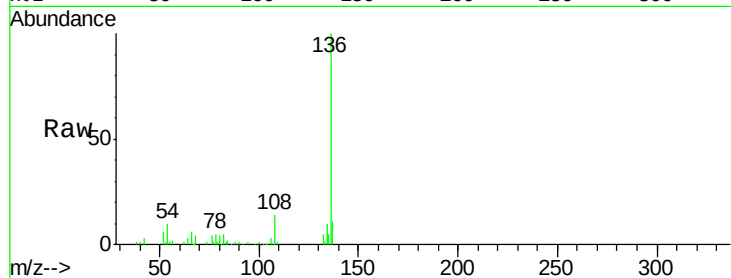




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028809.D
Acq: 19 Sep 2017 00:18

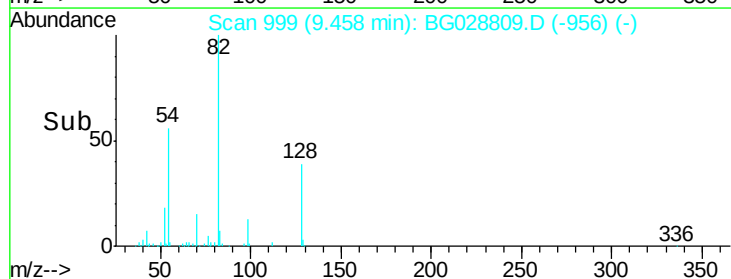
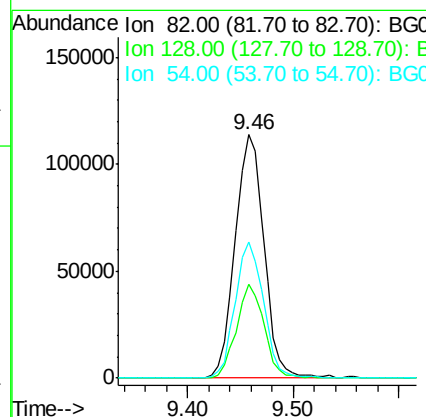
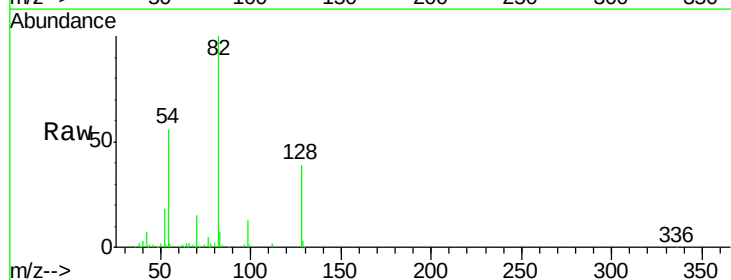
Instrument :
BNA_G
ClientSampleId :

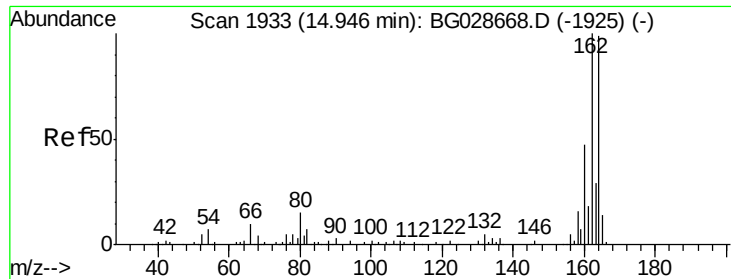
Tot Ion:136	Resp:	104359
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	10.2	9.3 13.9
68	4.5	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 98.76 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028809.D
Acq: 19 Sep 2017 00:18

Tgt Ion: 82	Resp:	215448
Ion	Ratio	Lower Upper
82	100	
128	38.8	26.4 39.6
54	55.7	49.4 74.2

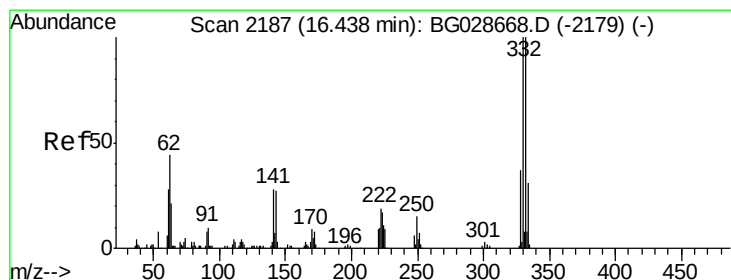
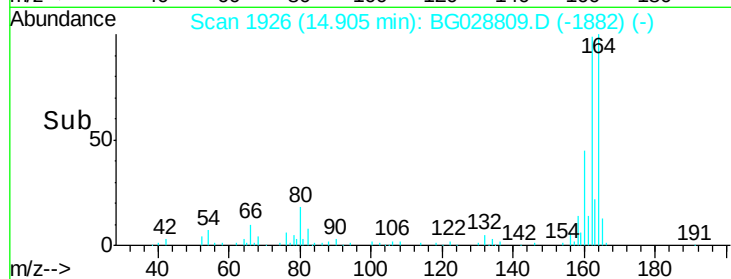
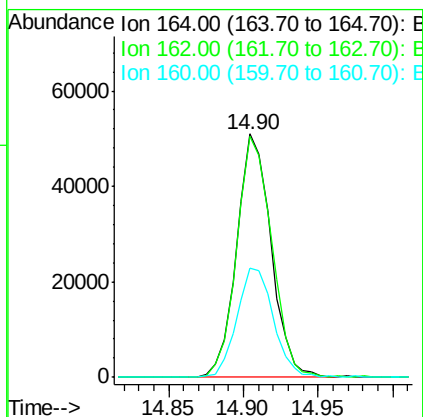
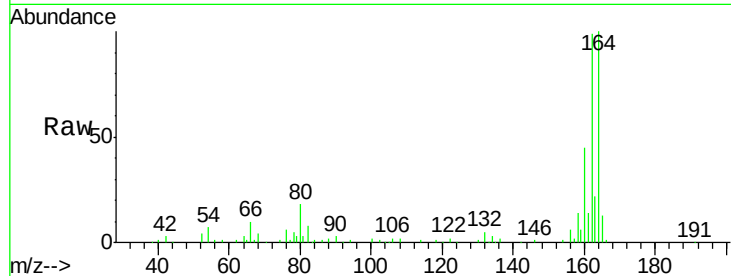




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028809.D
Acq: 19 Sep 2017 00:18

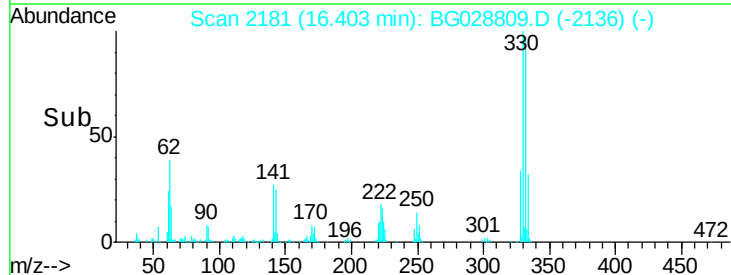
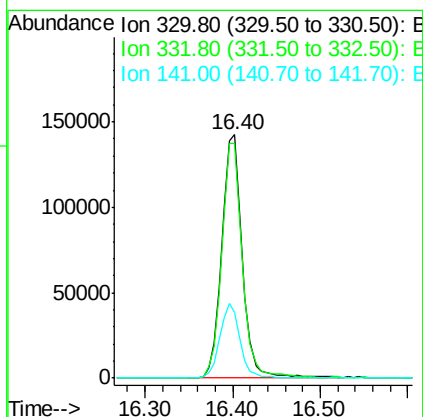
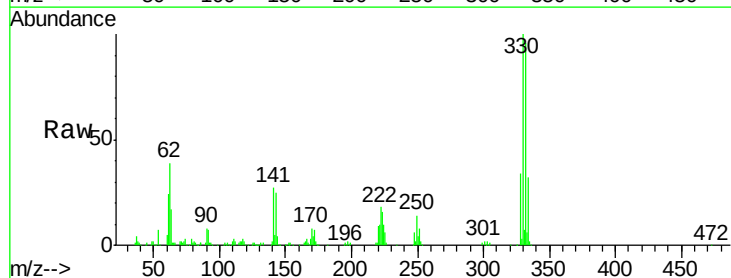
Instrument :
BNA_G
ClientSampleId :

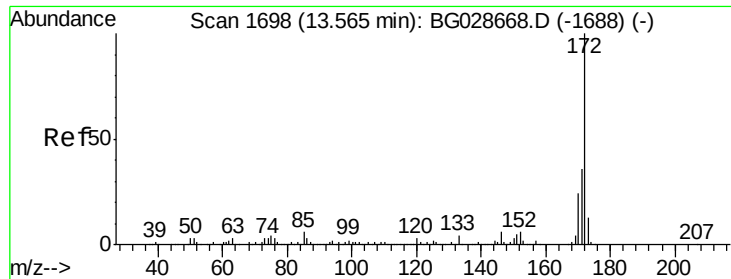
Tot Ion:164 Resp: 81399
Ion Ratio Lower Upper
164 100
162 99.2 85.1 127.7
160 44.8 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 172.24 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028809.D
Acq: 19 Sep 2017 00:18

Tgt Ion:330 Resp: 231887
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 30.5 32.1 48.1#

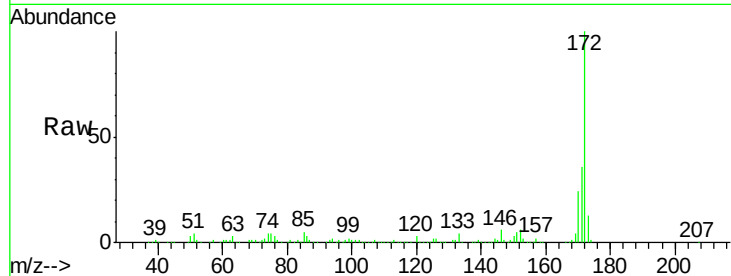




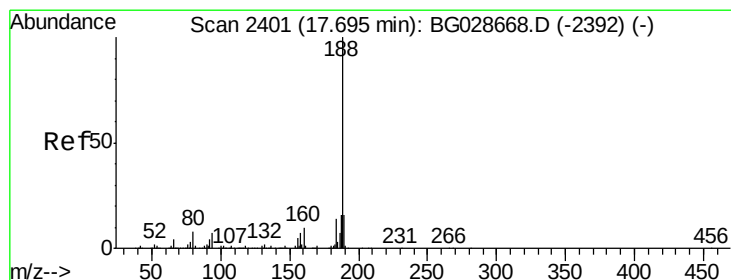
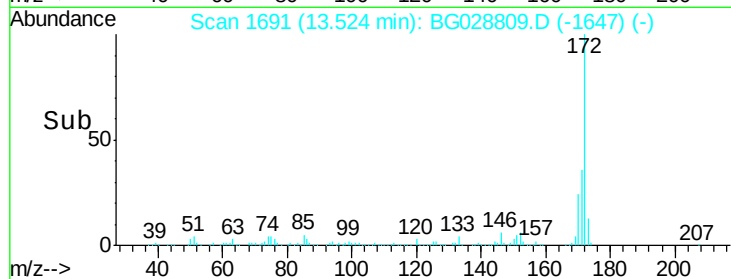
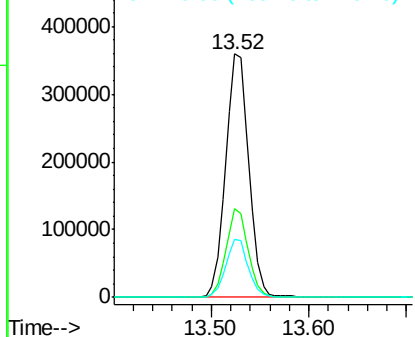
#44
2-Fluorobiphenyl
Concen: 96.73 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028809.D
Acq: 19 Sep 2017 00:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172	Resp:	590485
Ion	Ratio	Lower Upper
172	100	
171	36.2	32.2 48.2
170	23.7	21.8 32.6

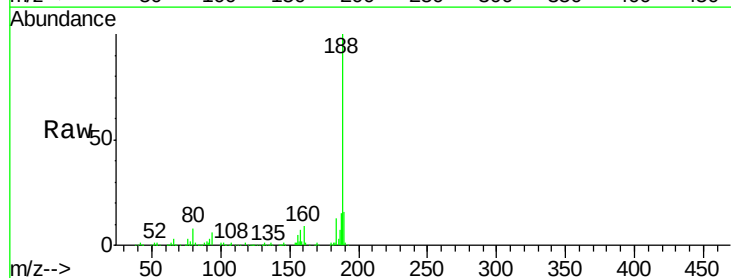


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

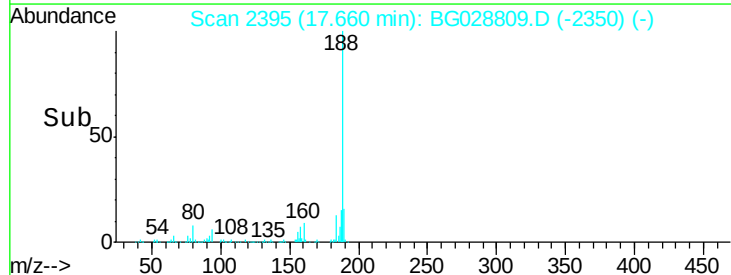
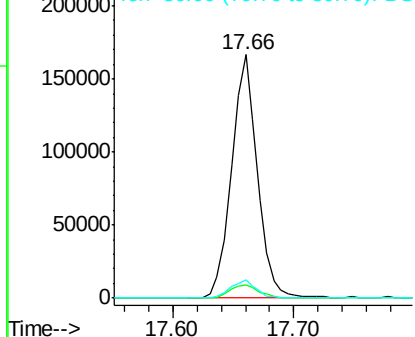


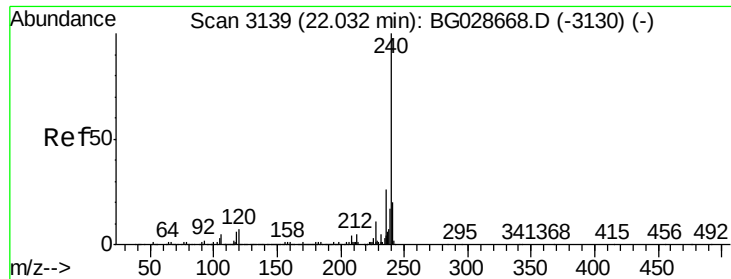
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028809.D
Acq: 19 Sep 2017 00:18

Tgt Ion:188	Resp:	246950
Ion	Ratio	Lower Upper
188	100	
94	5.5	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): BG0
Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028809.D

Acq: 19 Sep 2017 00:18

Instrument :

BNA_G

ClientSampleId :

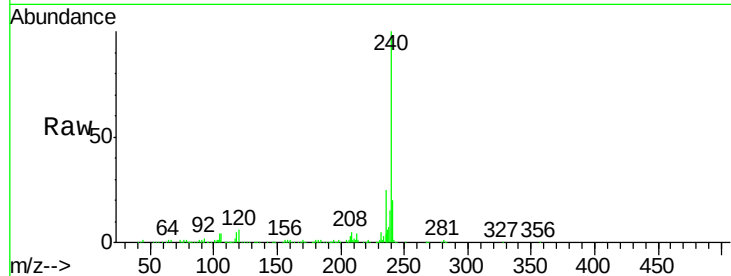
Tot Ion:240 Resp: 269889

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

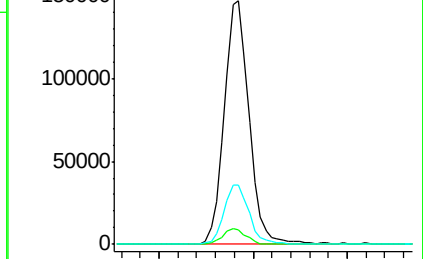
236 24.6 22.2 33.4



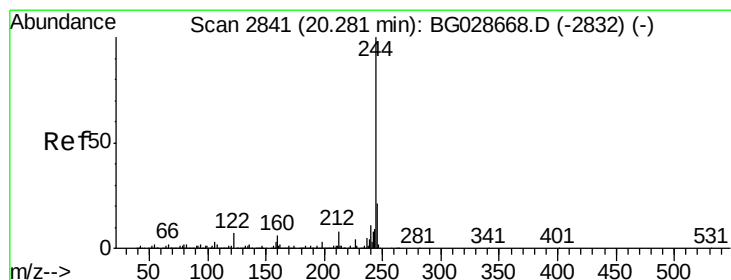
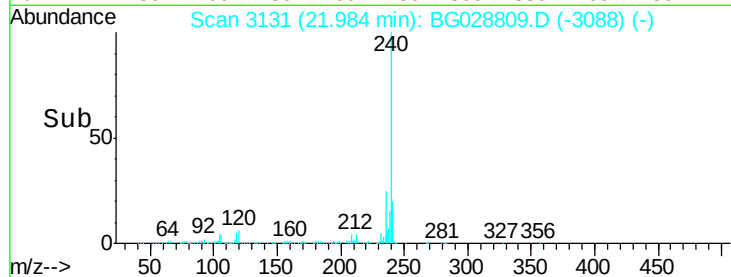
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 96.40 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028809.D

Acq: 19 Sep 2017 00:18

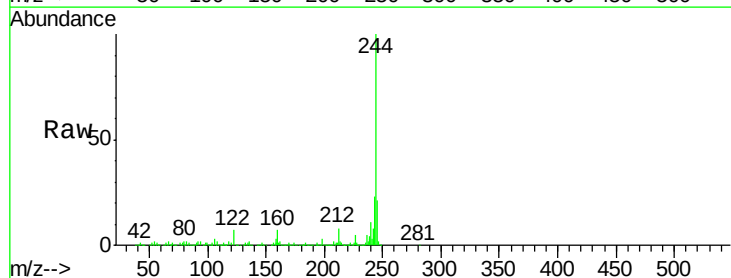
Tgt Ion:244 Resp: 1220014

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

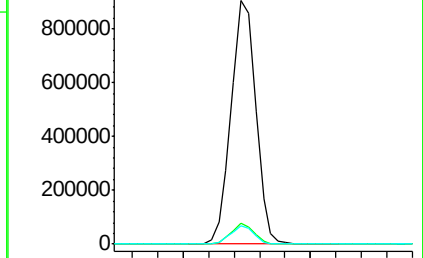
122 7.3 8.6 12.8#



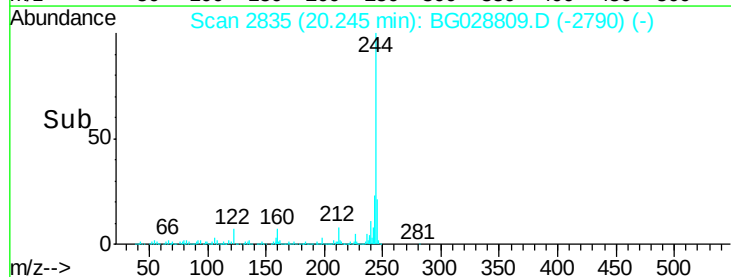
Abundance Ion 244.00 (243.70 to 244.70): E

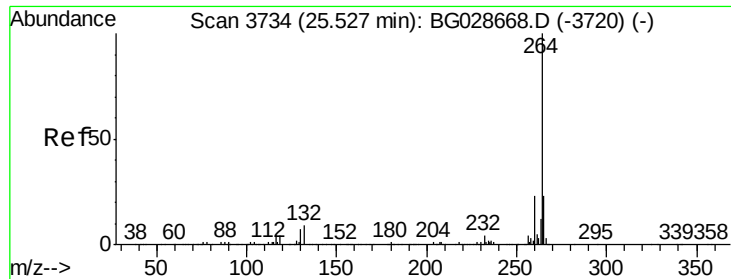
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028809.D
 Acq: 19 Sep 2017 00:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	18.9	18.2	27.4

