

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028798.D
 Acq On : 18 Sep 2017 17:00
 Operator : SJ/JU
 Sample : PB102395BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB102395BL

Quant Time: Sep 19 02:50:31 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	26646	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	116572	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	84681	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	253736	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	280752	20.00	ng	-0.05
86) Perylene-d12	25.45	264	283133	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	277124	171.61	ng	-0.04
7) Phenol-d6	7.44	99	377336	155.19	ng	-0.05
23) Nitrobenzene-d5	9.46	82	239733	98.38	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	246547	176.03	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	642835	101.22	ng	-0.04
78) Terphenyl-d14	20.25	244	1332115	101.19	ng	-0.03

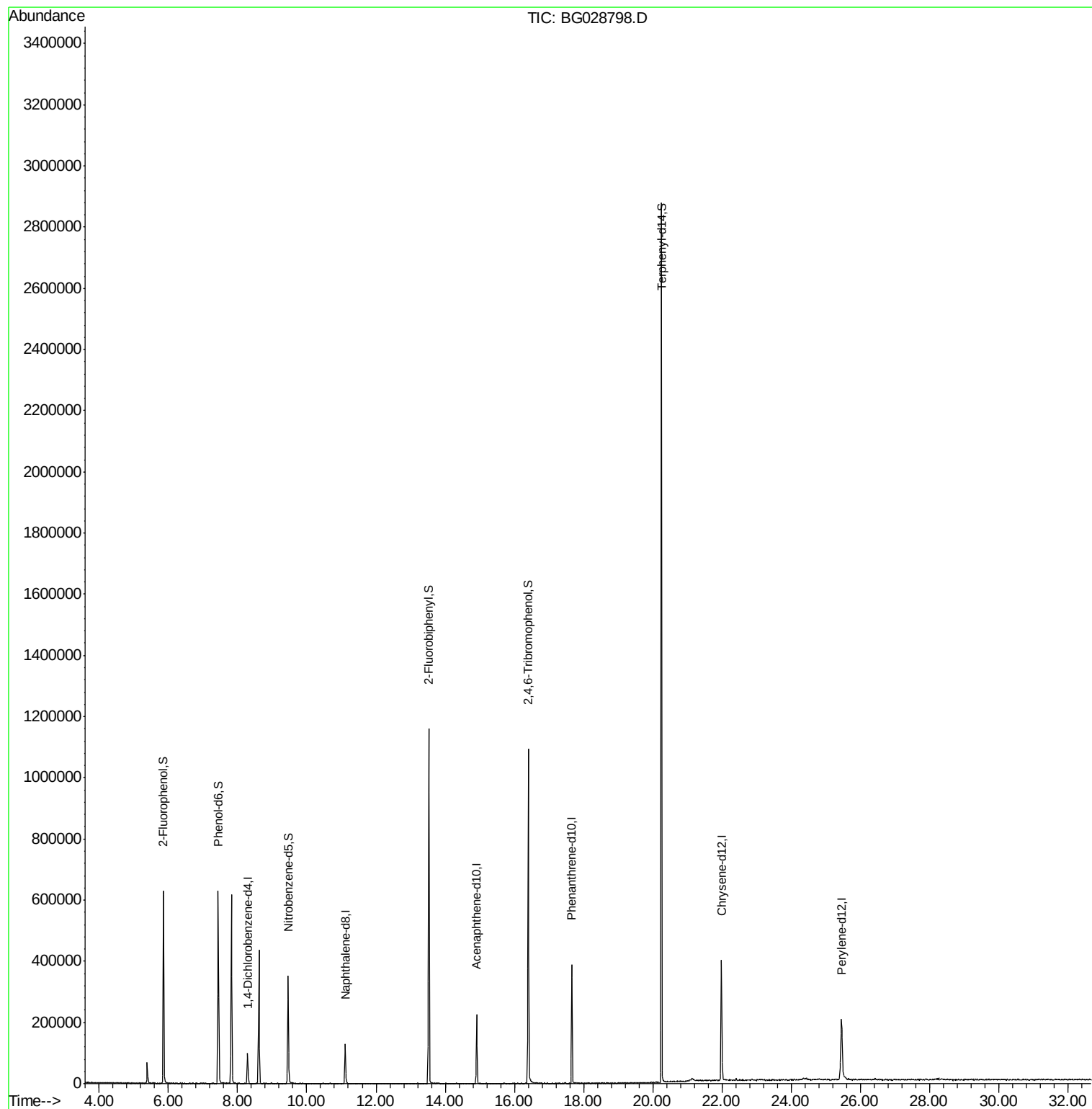
Target Compounds Qvalue

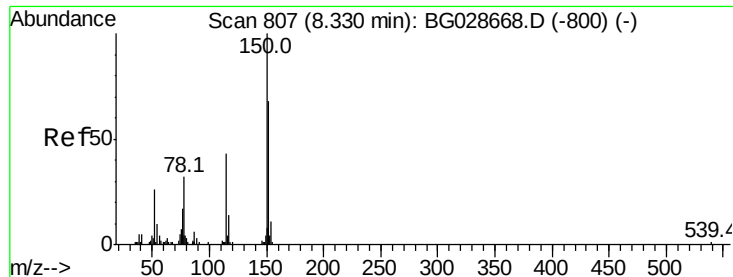
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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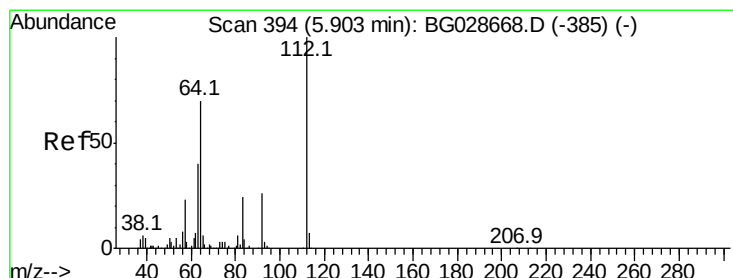
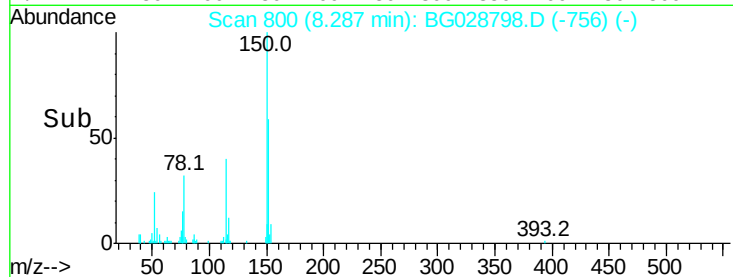
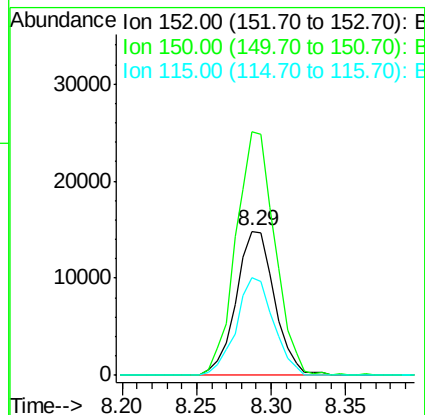
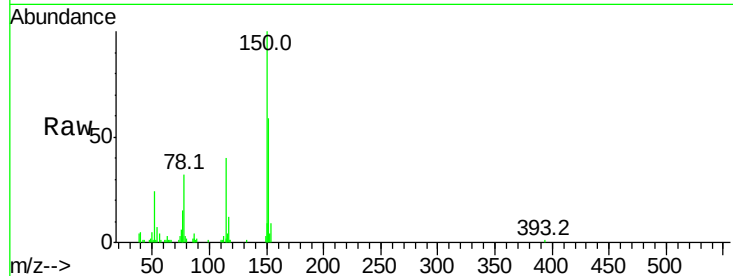


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028798.D
Acq: 18 Sep 2017 17:00

Instrument :
BNA_G
ClientSampleId :
PB102395BL

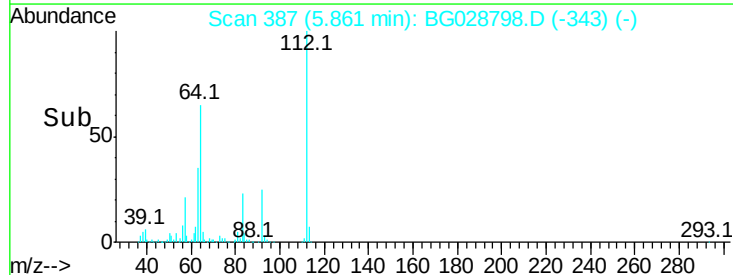
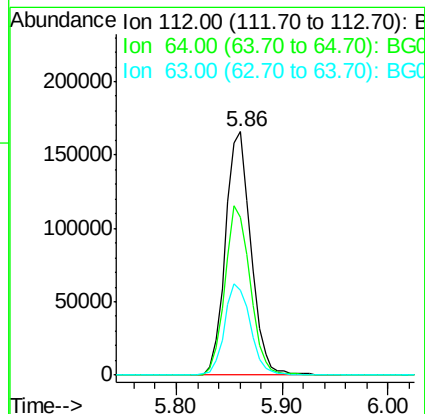
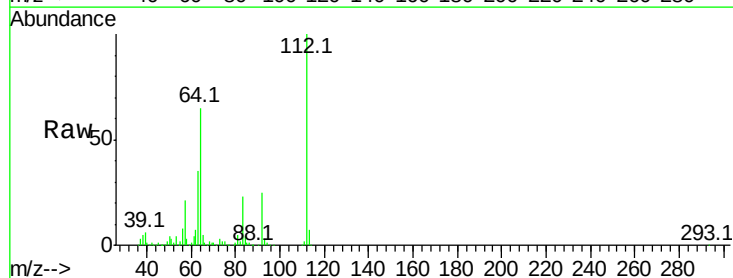
Tot Ion:152 Resp: 26646
Ion Ratio Lower Upper
152 100
150 168.6 114.0 171.0
115 67.6 48.1 72.1

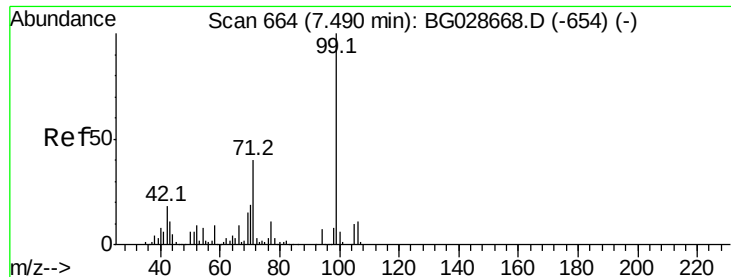


#5

2-Fluorophenol
Concen: 171.609 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028798.D
Acq: 18 Sep 2017 17:00

Tgt Ion:112 Resp: 277124
Ion Ratio Lower Upper
112 100
64 64.8 61.8 92.6
63 34.8 37.2 55.8#





#7

Phenol-d6

Concen: 155.195 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028798.D

Acq: 18 Sep 2017 17:00

Instrument :

BNA_G

ClientSampleId :

PB102395BL

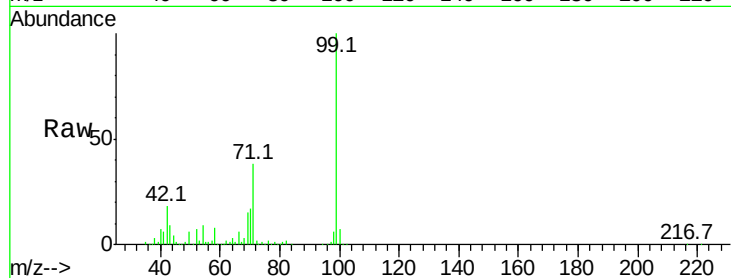
Tot Ion: 99 Resp: 377336

Ion Ratio Lower Upper

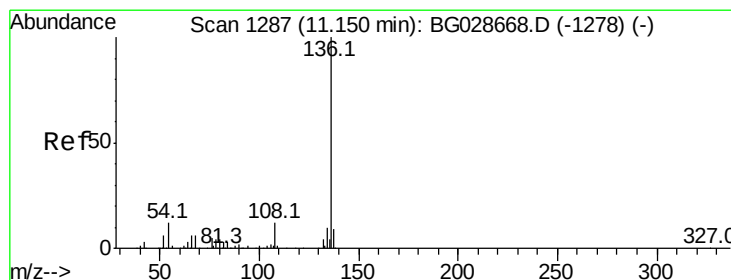
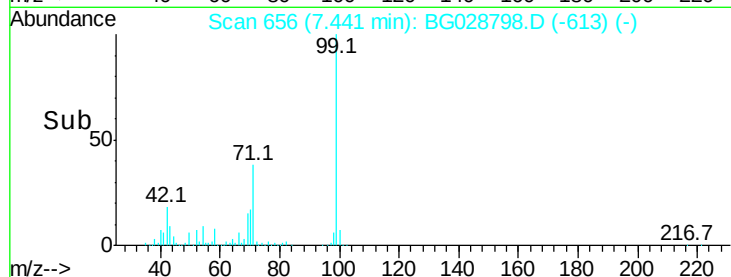
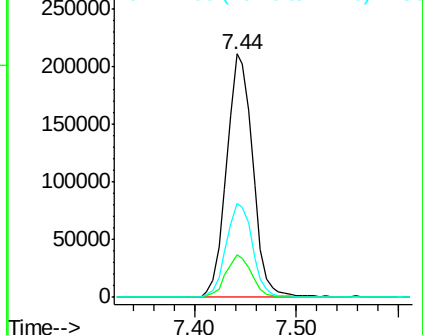
99 100

42 17.7 20.5 30.7#

71 38.4 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: BG028798.D

Acq: 18 Sep 2017 17:00

Tgt Ion: 136 Resp: 116572

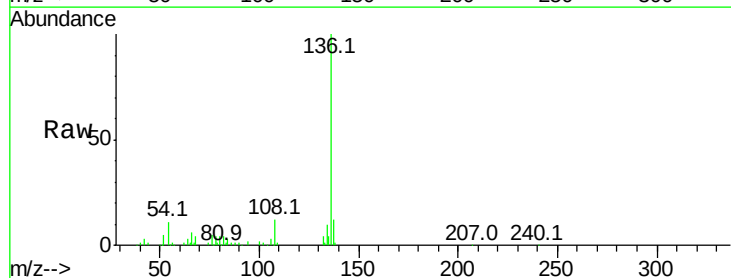
Ion Ratio Lower Upper

136 100

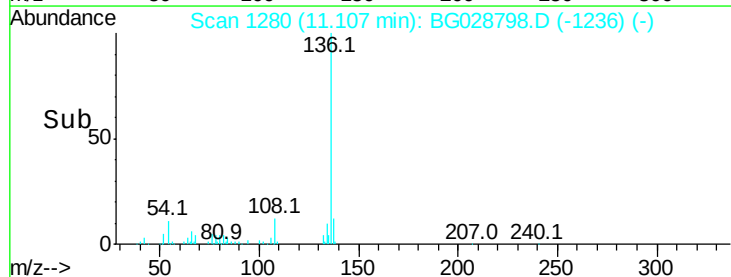
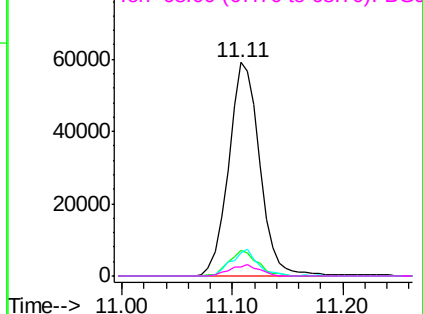
137 11.8 8.9 13.3

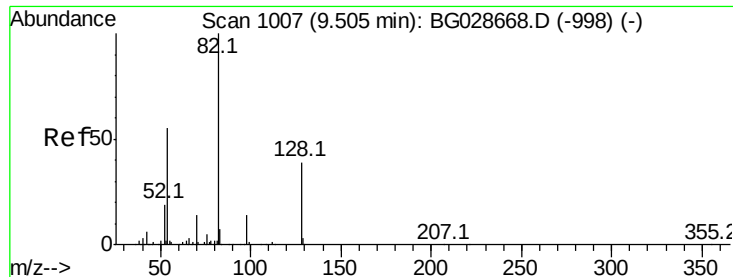
54 11.0 9.3 13.9

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

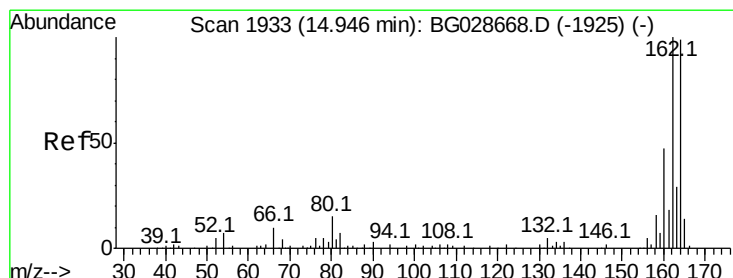
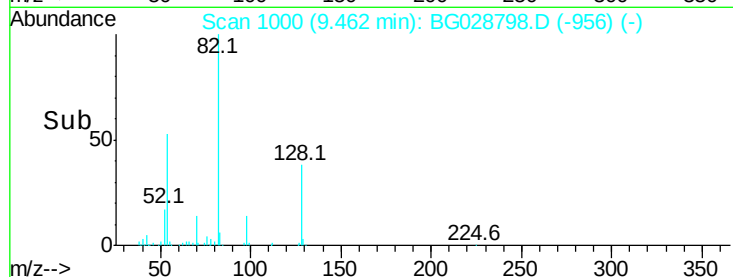
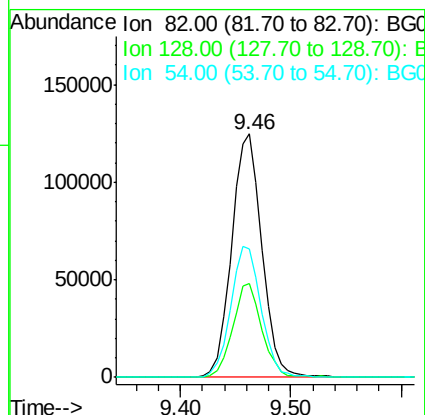
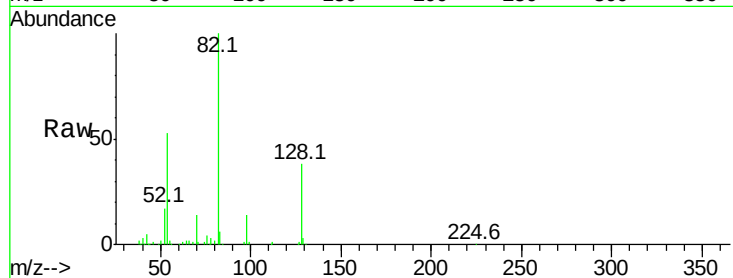




#23
Nitrobenzene-d5
Concen: 98.379 ng
RT: 9.46 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BG028798.D
Acq: 18 Sep 2017 17:00

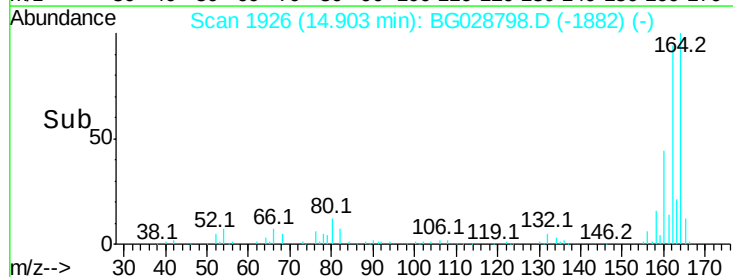
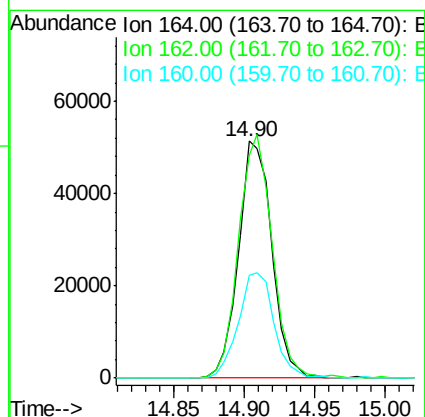
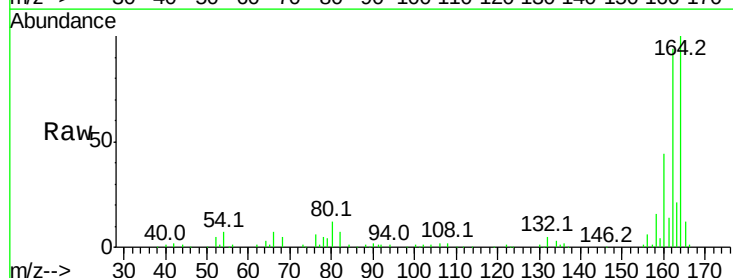
Instrument :
BNA_G
ClientSampleId :
PB102395BL

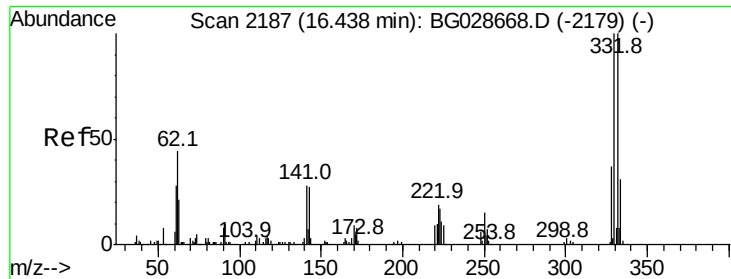
Tot Ion	82	Resp	239733
Ion	Ratio	Lower	Upper
82	100		
128	38.4	26.4	39.6
54	52.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028798.D
Acq: 18 Sep 2017 17:00

Tgt Ion	164	Resp	84681
Ion	Ratio	Lower	Upper
164	100		
162	94.1	85.1	127.7
160	43.7	34.7	52.1

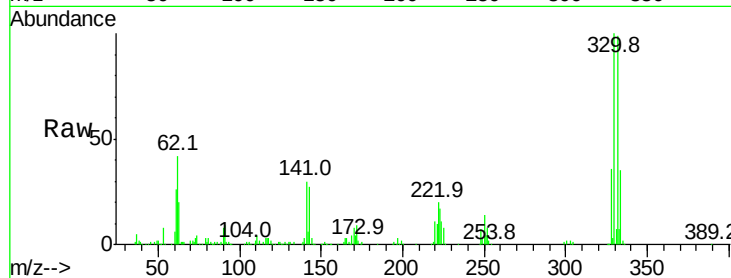




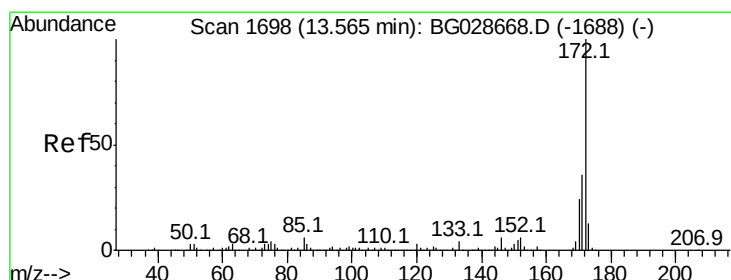
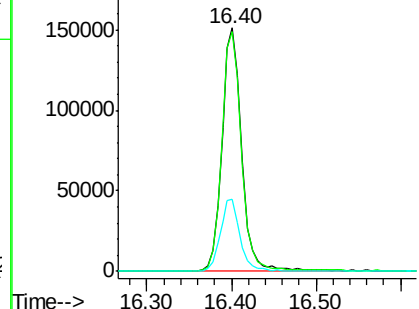
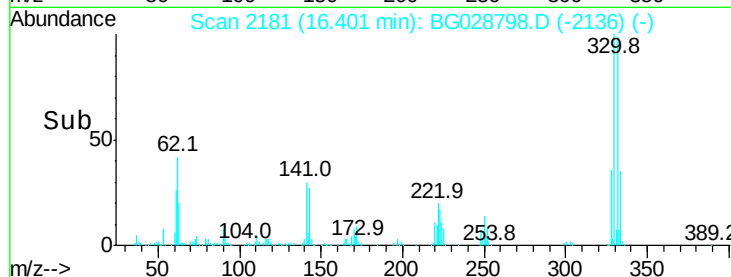
#41
 2,4,6-Tribromophenol
 Concen: 176.033 ng
 RT: 16.40 min Scan# 2181
 Delta R.T. -0.04 min
 Lab File: BG028798.D
 Acq: 18 Sep 2017 17:00

Instrument :
 BNA_G
 ClientSampleId :
 PB102395BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	29.7	32.1	48.1#

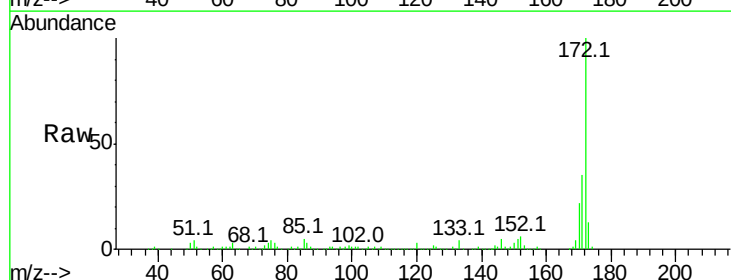


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

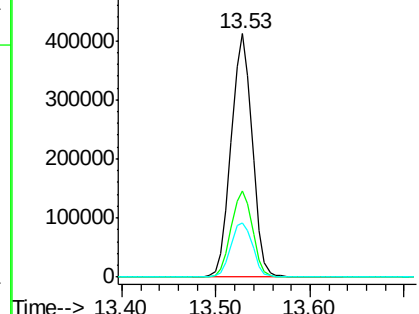
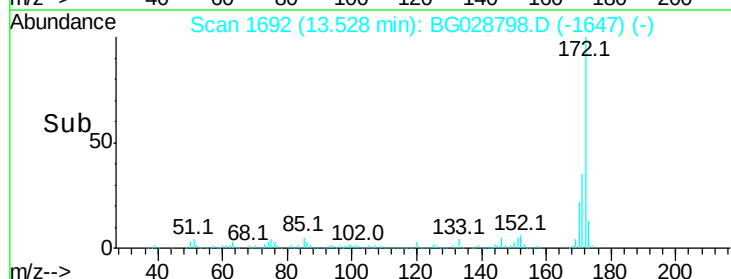


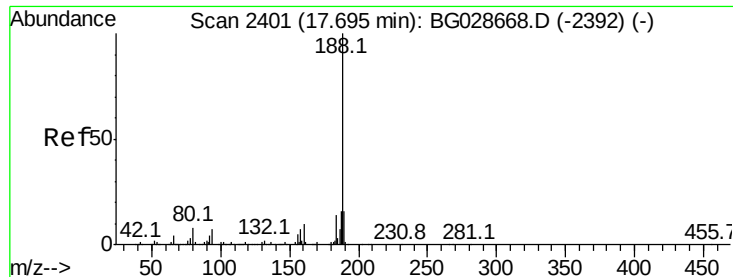
#44
 2-Fluorobiphenyl
 Concen: 101.223 ng
 RT: 13.53 min Scan# 1692
 Delta R.T. -0.04 min
 Lab File: BG028798.D
 Acq: 18 Sep 2017 17:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	32.2	48.2
170	22.1	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# 2395

Delta R.T. -0.04 min

Lab File: BG028798.D

Acq: 18 Sep 2017 17:00

Instrument :

BNA_G

ClientSampleId :

PB102395BL

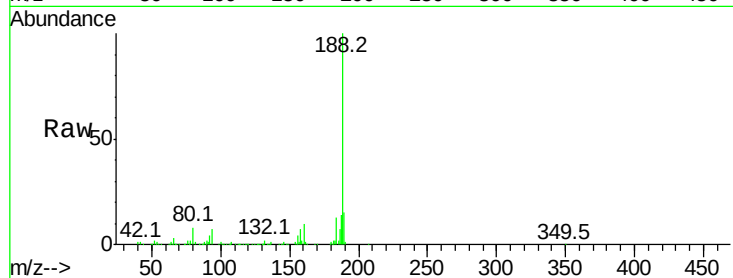
Tot Ion:188 Resp: 253736

Ion Ratio Lower Upper

188 100

94 6.9 5.8 8.8

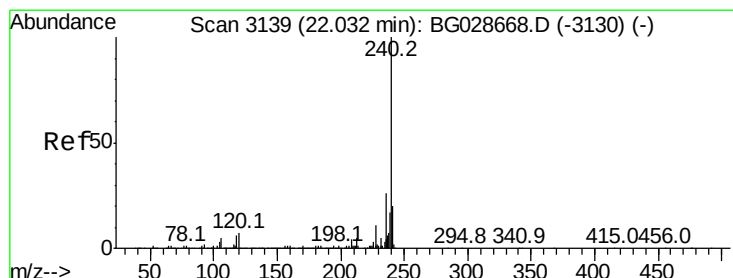
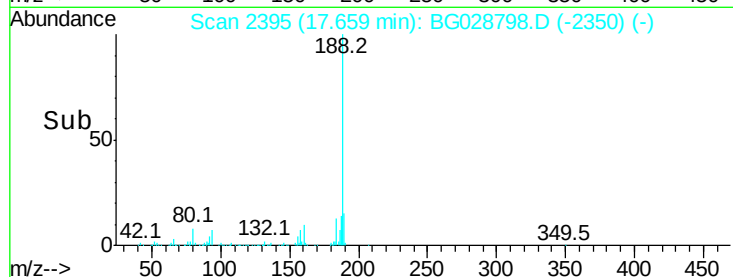
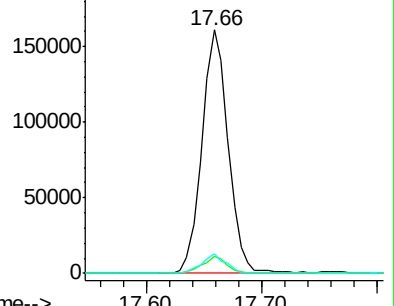
80 7.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028798.D

Acq: 18 Sep 2017 17:00

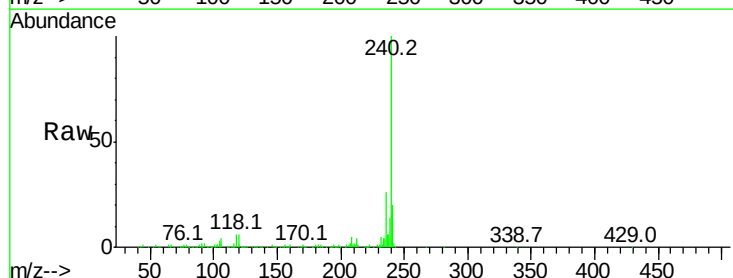
Tgt Ion:240 Resp: 280752

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

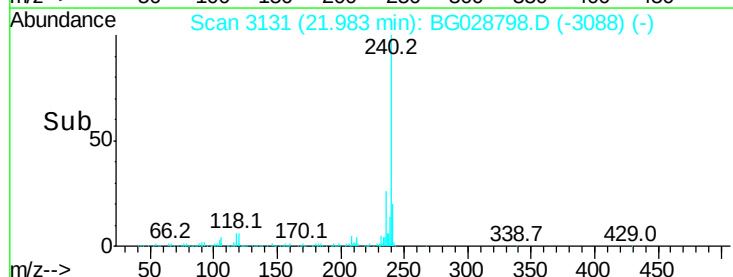
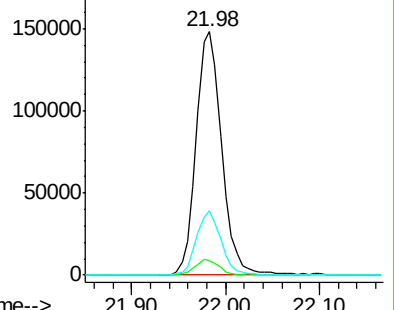
236 26.4 22.2 33.4

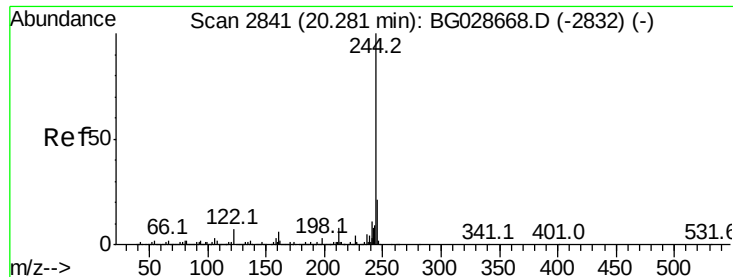


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.186 ng

RT: 20.25 min Scan# 2836

Delta R.T. -0.03 min

Lab File: BG028798.D

Acq: 18 Sep 2017 17:00

Instrument :

BNA_G

ClientSampleId :

PB102395BL

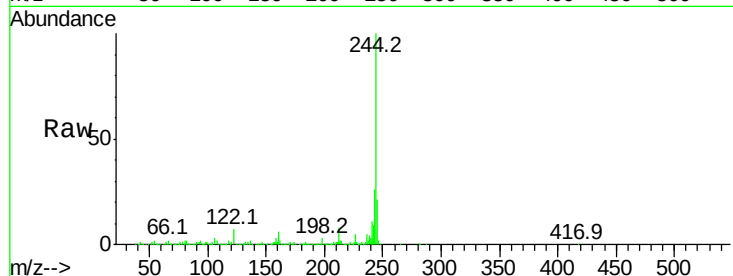
Tot Ion:244 Resp: 1332115

Ion Ratio Lower Upper

244 100

212 7.9 10.0 15.0#

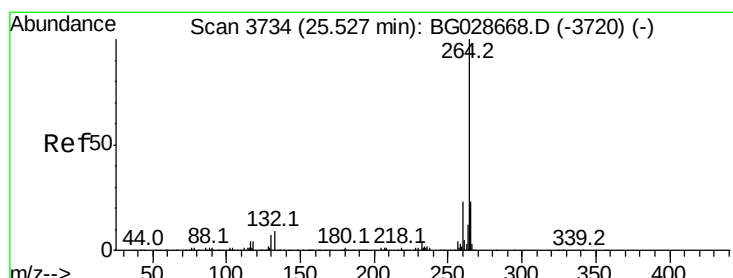
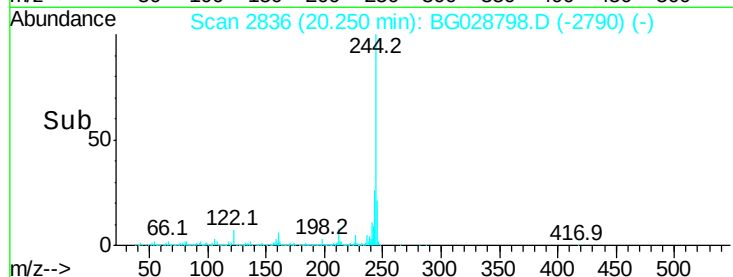
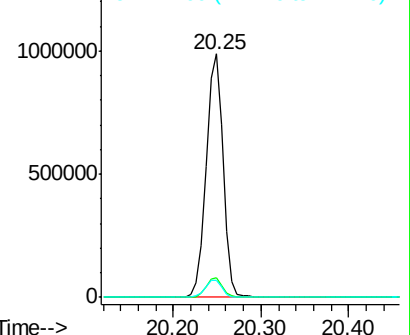
122 7.2 8.6 12.8#



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. -0.08 min

Lab File: BG028798.D

Acq: 18 Sep 2017 17:00

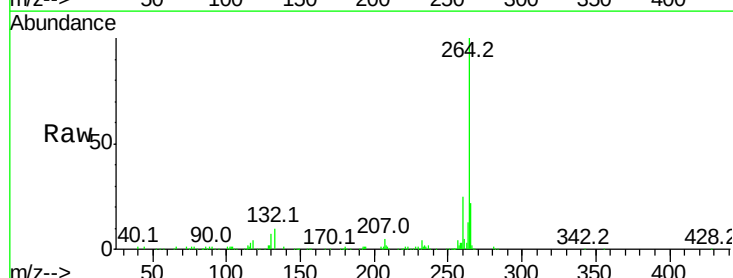
Tgt Ion:264 Resp: 283133

Ion Ratio Lower Upper

264 100

260 25.0 21.8 32.8

265 22.0 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

