

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086856.D
 Acq On : 10 May 2016 13:28
 Operator : UM/SJ
 Sample : PB90408BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90408BL

Quant Time: May 11 03:49:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	152511	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	618705	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	309879	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	616127	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	515492	20.00	ng	-0.01
86) Perylene-d12	15.20	264	428910	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1095172	121.61	ng	0.00
7) Phenol-d6	6.34	99	1466720	121.86	ng	-0.02
23) Nitrobenzene-d5	7.25	82	909838	73.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	406823	124.01	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1505691	81.66	ng	-0.01
78) Terphenyl-d14	12.78	244	1559706	64.20	ng	-0.01

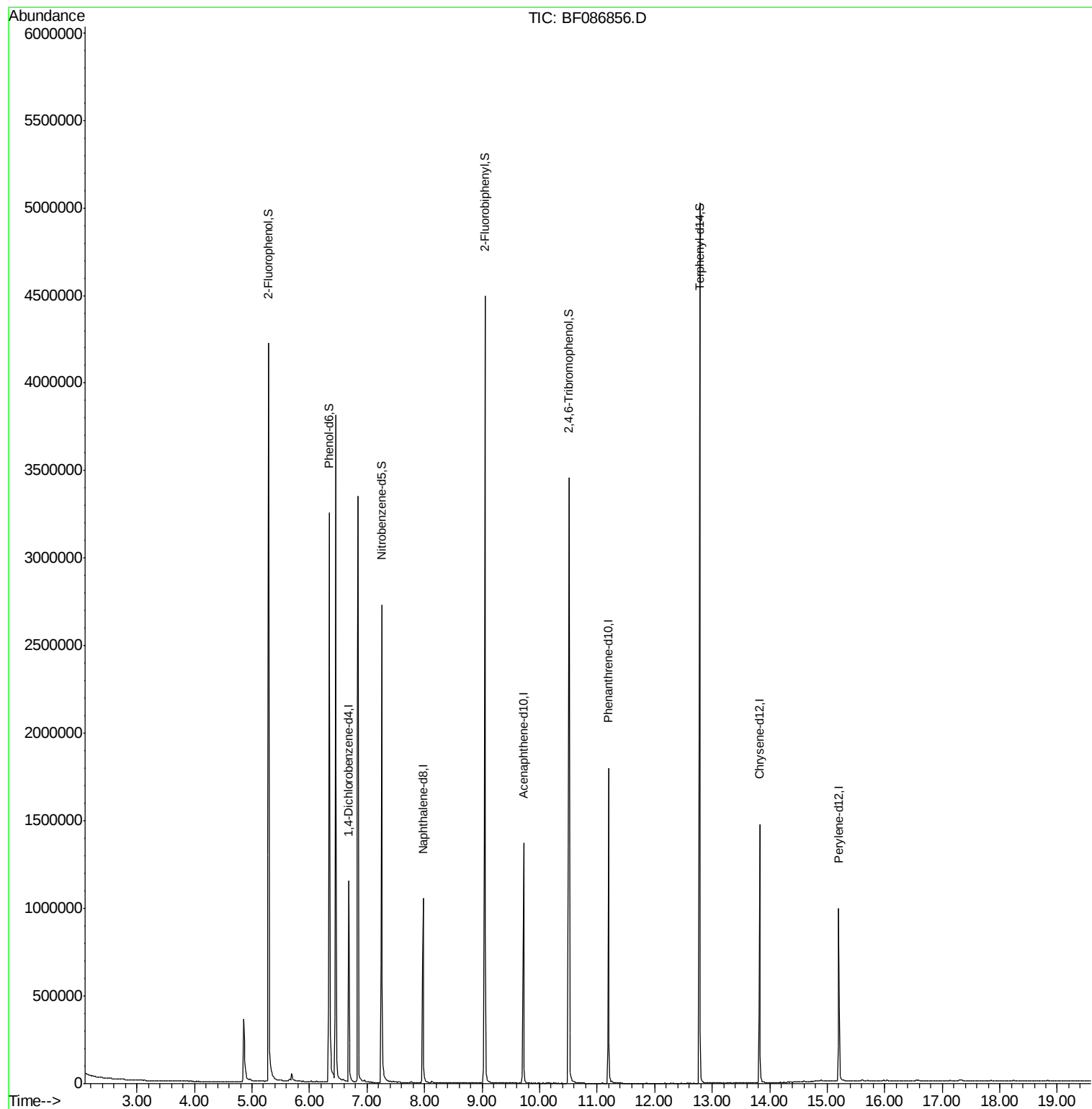
Target Compounds Qvalue

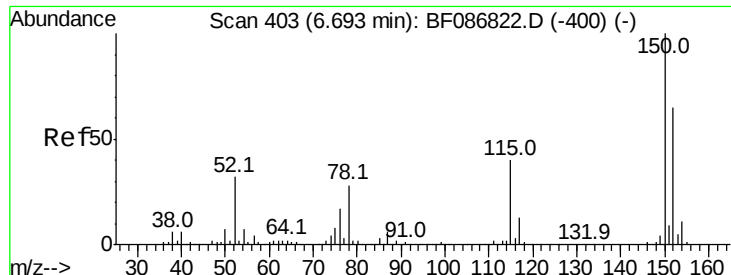
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB90408BL

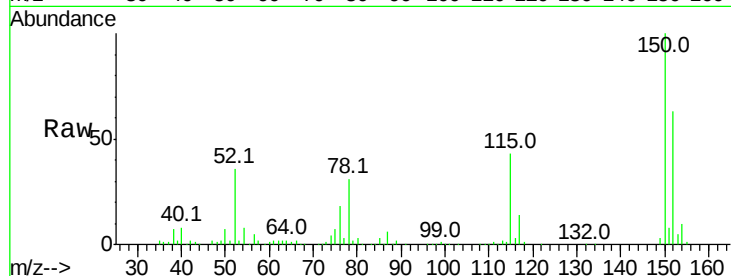
Tot Ion:152 Resp: 152511

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

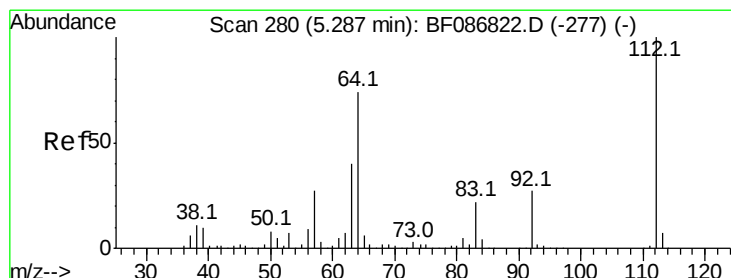
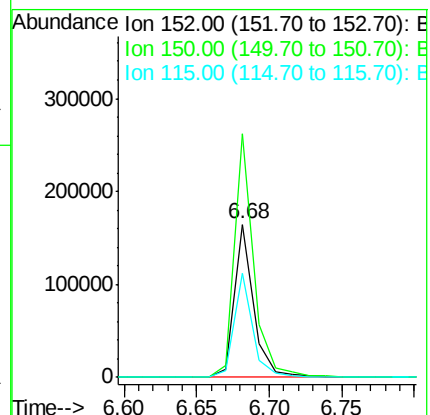
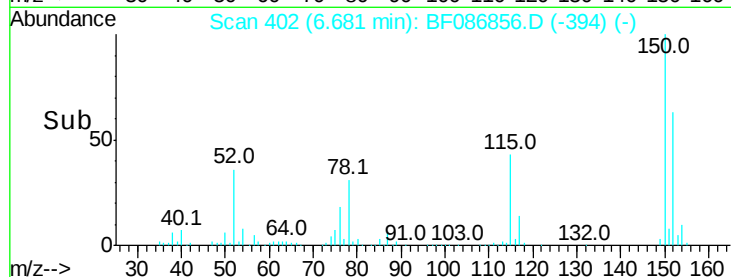
115 67.6 51.5 77.3



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: 121.61 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

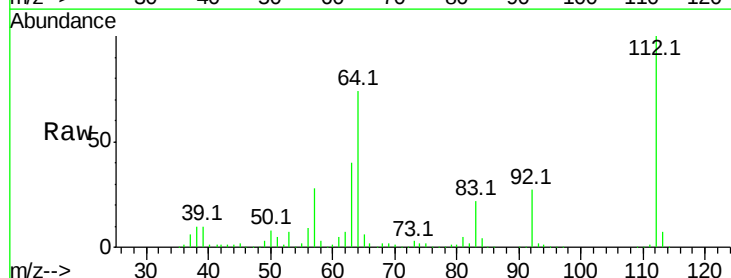
Tgt Ion:112 Resp: 1095172

Ion Ratio Lower Upper

112 100

64 74.1 52.1 78.1

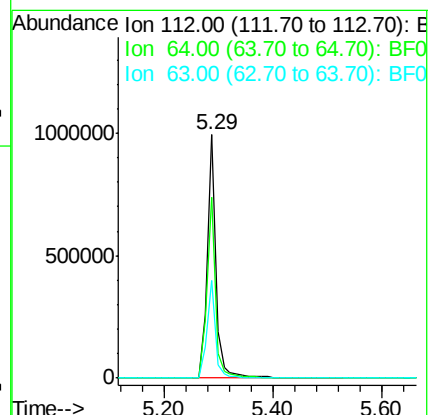
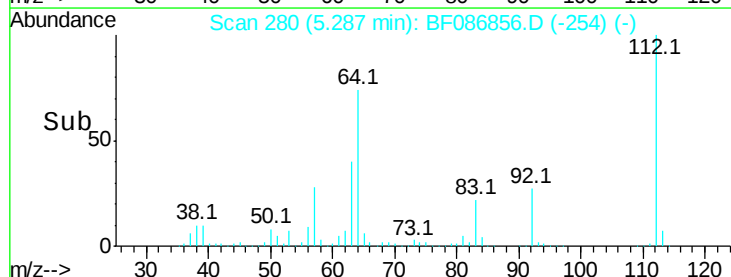
63 40.2 25.7 38.5

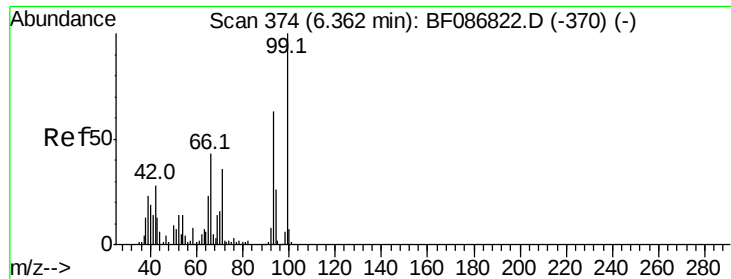


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.86 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.02 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB90408BL

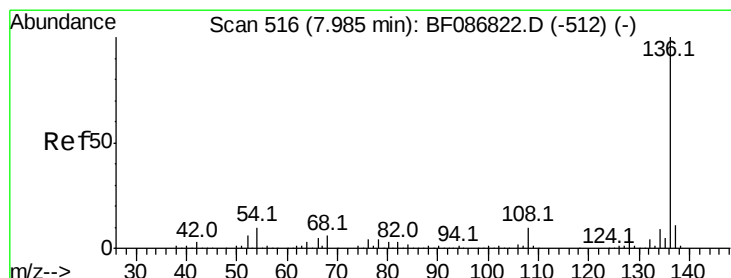
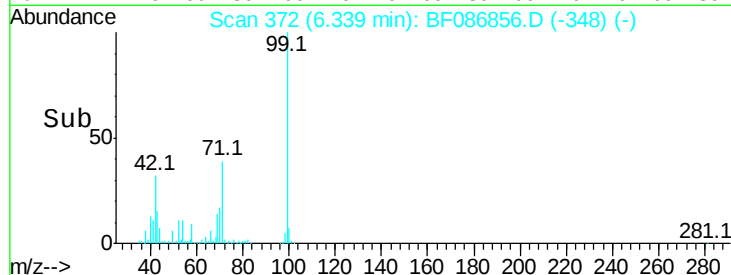
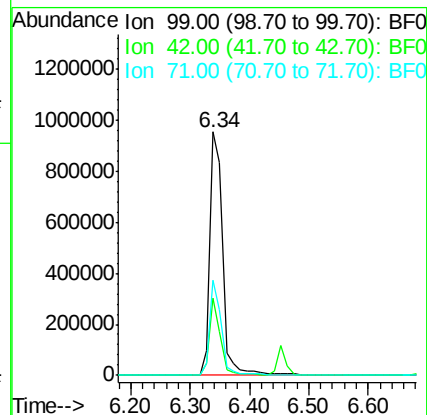
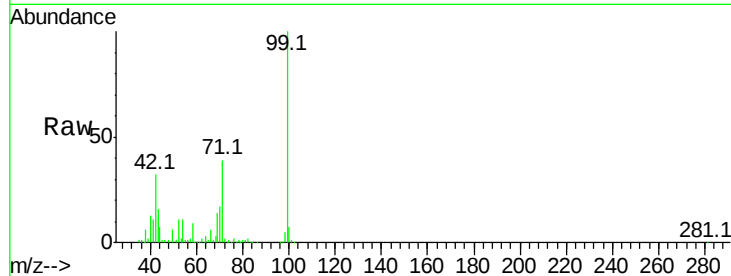
Tot Ion: 99 Resp: 1466720

Ion Ratio Lower Upper

99 100

42 31.8 13.6 20.4#

71 38.9 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

Tgt Ion: 136 Resp: 618705

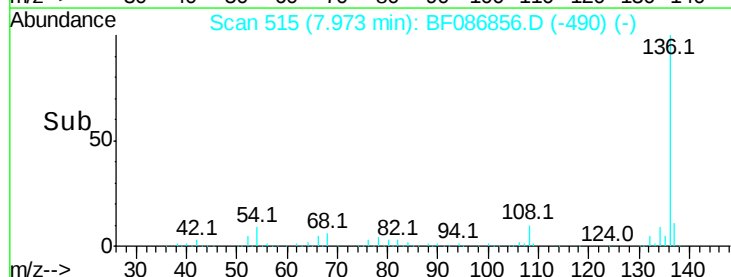
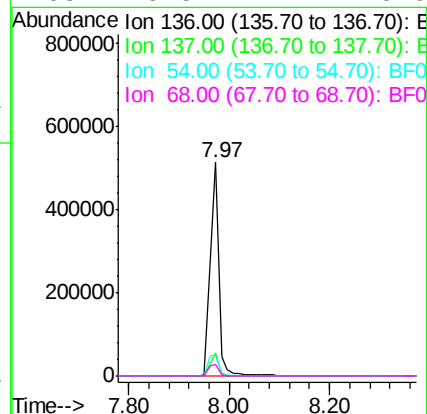
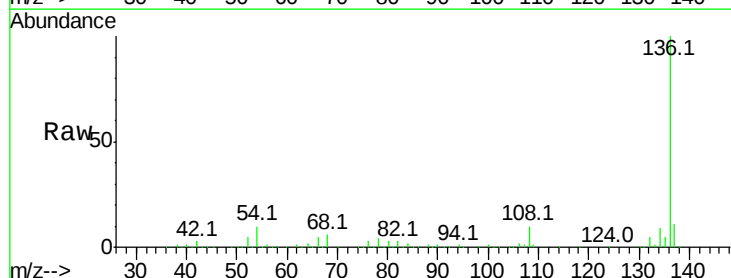
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.5 5.0 7.4#

68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 73.84 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB90408BL

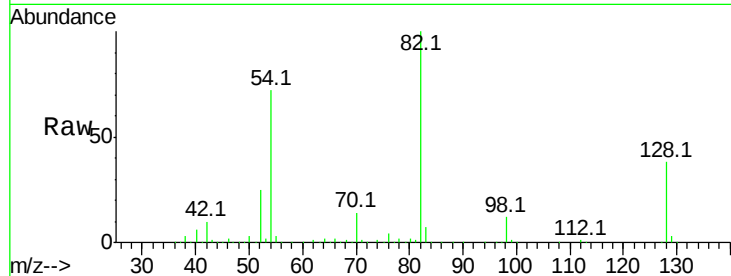
Tot Ion: 82 Resp: 909838

Ion Ratio Lower Upper

82 100

128 37.8 40.6 61.0#

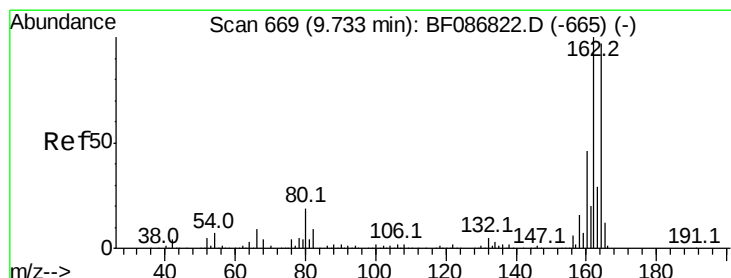
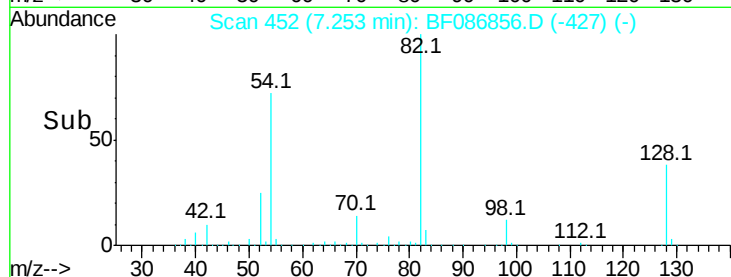
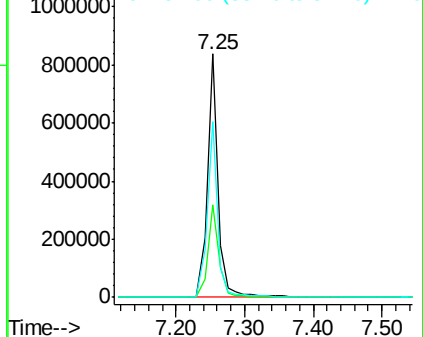
54 72.2 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

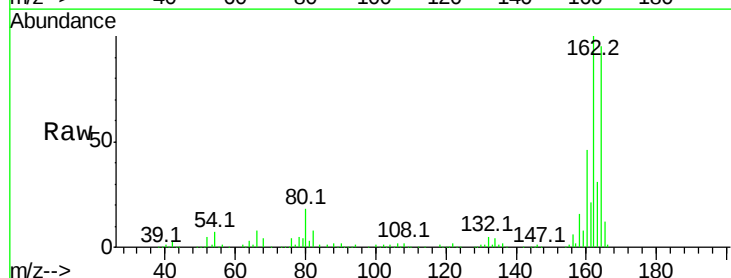
Tgt Ion: 164 Resp: 309879

Ion Ratio Lower Upper

164 100

162 104.8 82.8 124.2

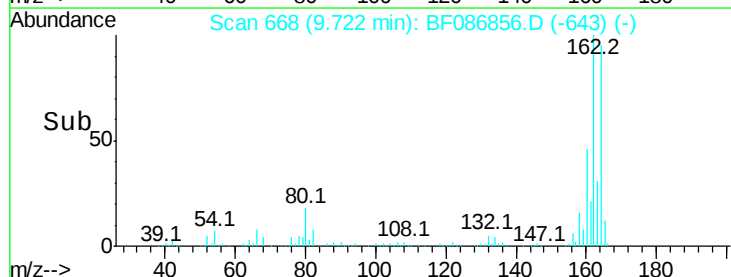
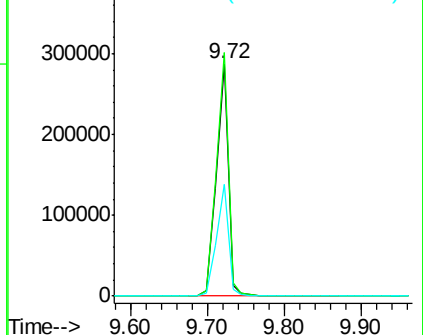
160 47.9 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

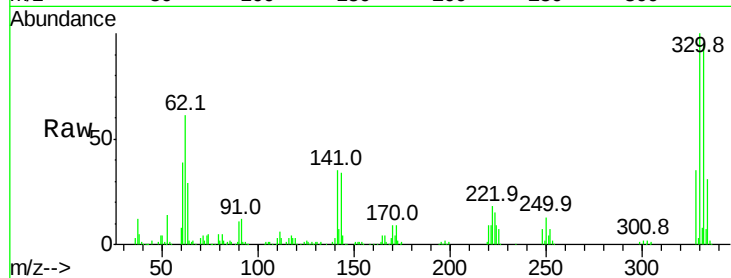




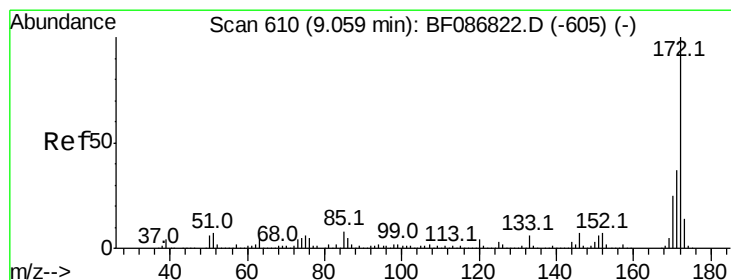
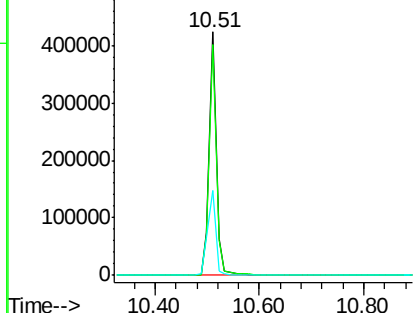
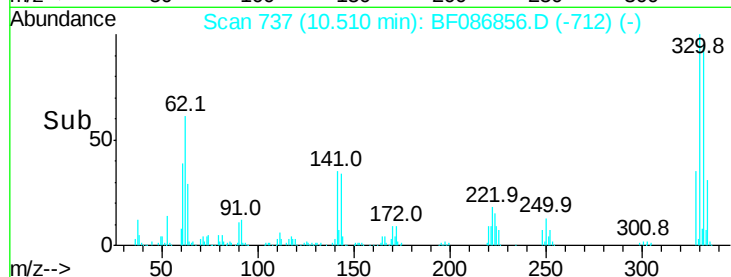
#41
 2,4,6-Tribromophenol
 Concen: 124.01 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF086856.D
 Acq: 10 May 2016 13:28

Instrument :
 BNA_F
 ClientSampled :
 PB90408BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	79.0	118.4
141	38.8	31.2	46.8

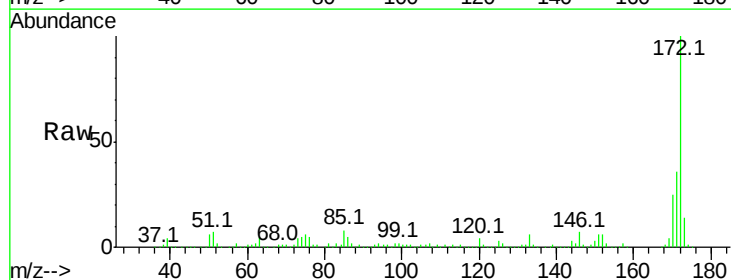


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

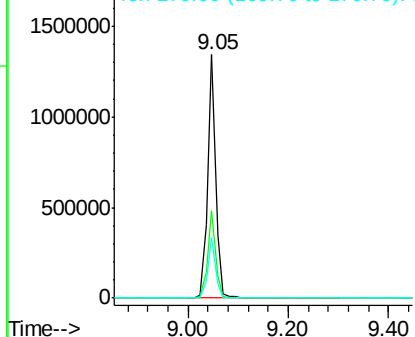
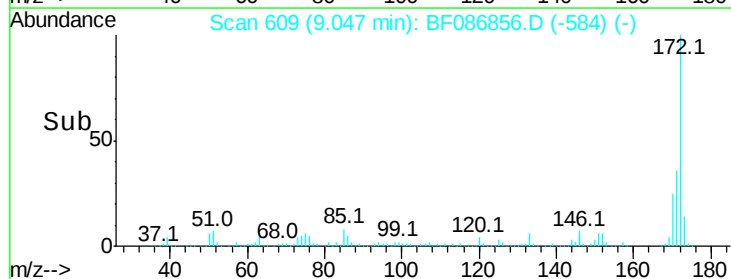


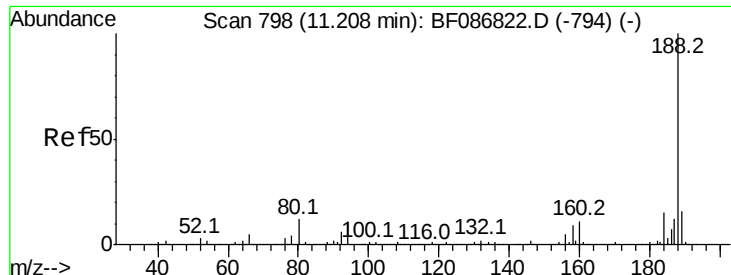
#44
 2-Fluorobiphenyl
 Concen: 81.66 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF086856.D
 Acq: 10 May 2016 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.7	19.8	29.8



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

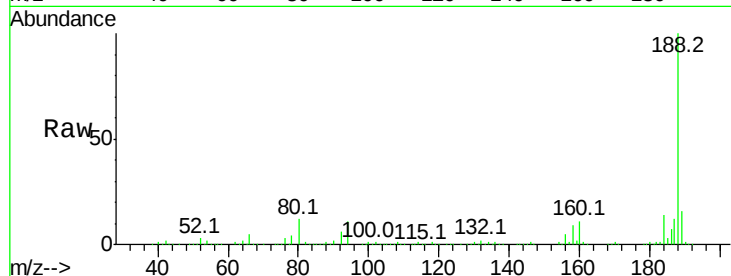




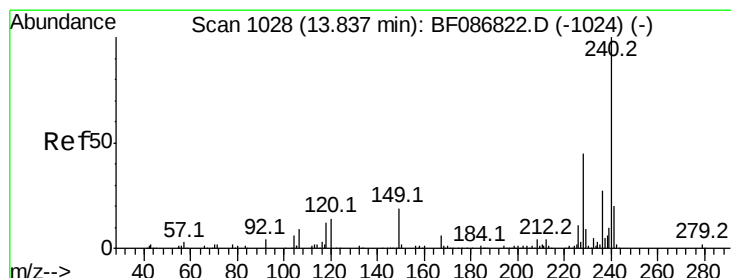
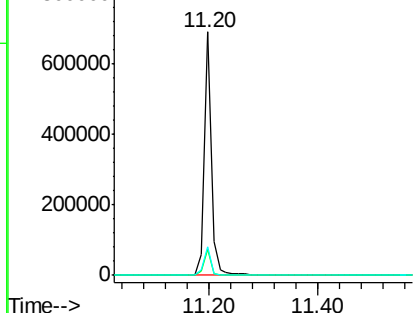
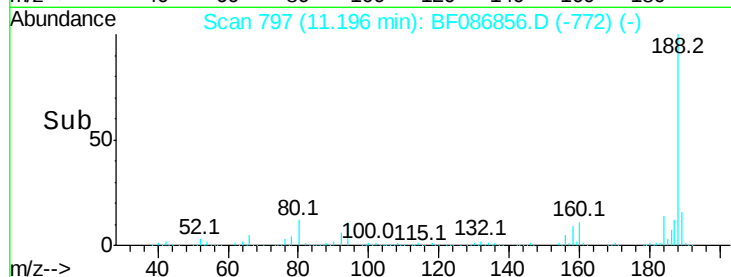
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF086856.D
Acq: 10 May 2016 13:28

Instrument :
BNA_F
ClientSampleId :
PB90408BL

Tot Ion:188 Resp: 616127
Ion Ratio Lower Upper
188 100
94 10.9 6.8 10.2#
80 11.9 7.1 10.7#

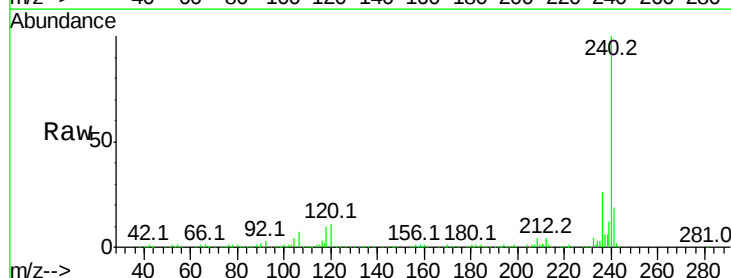


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

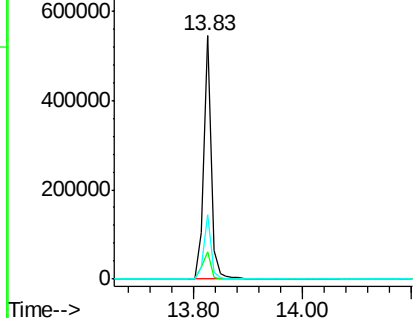
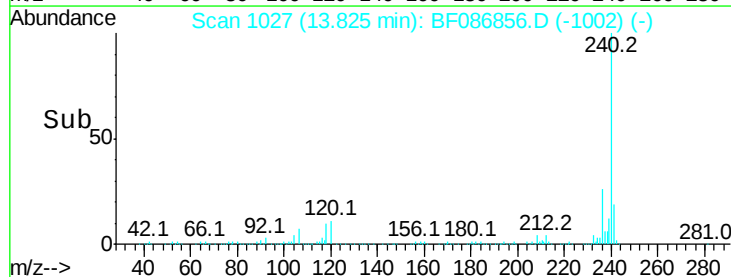


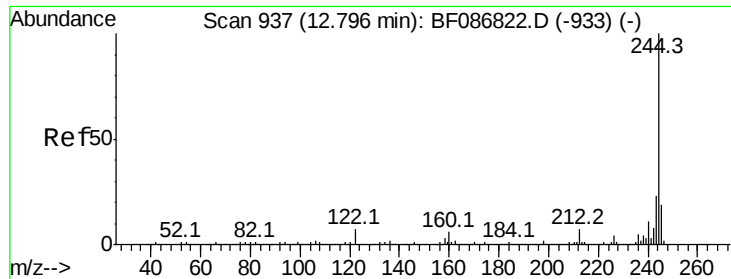
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086856.D
Acq: 10 May 2016 13:28

Tgt Ion:240 Resp: 515492
Ion Ratio Lower Upper
240 100
120 11.2 11.2 16.8#
236 26.4 21.2 31.8



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: 64.20 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

Instrument :

BNA_F

ClientSampleId :

PB90408BL

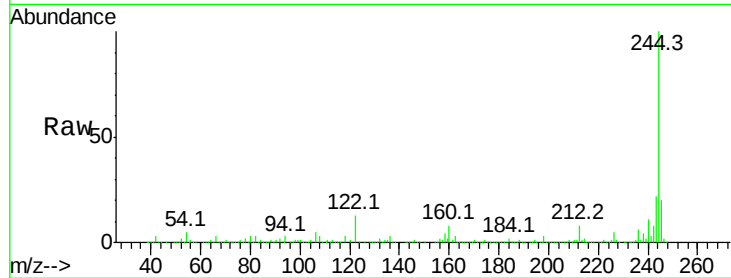
Tot Ion:244 Resp: 1559706

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

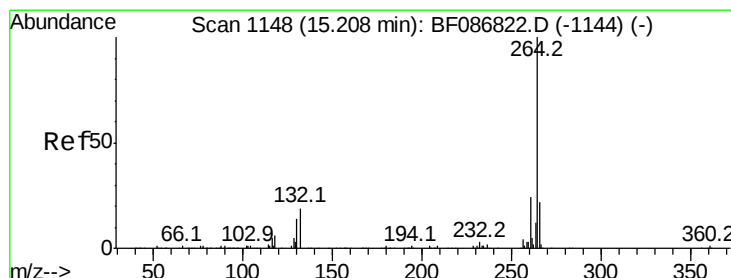
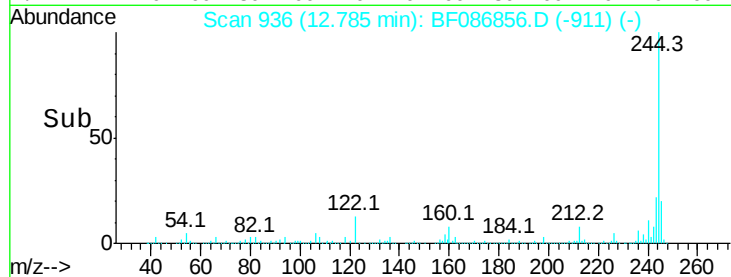
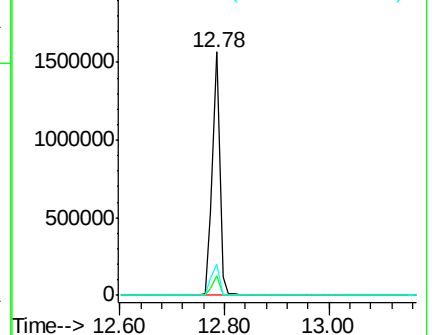
122 12.6 12.0 18.0



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: 20.00 ng

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF086856.D

Acq: 10 May 2016 13:28

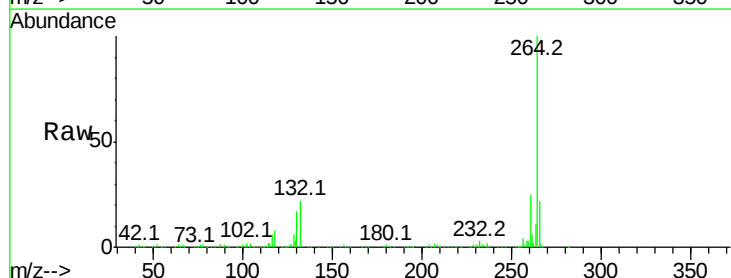
Tgt Ion:264 Resp: 428910

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 17.3 25.9



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

