

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087835.D
 Acq On : 9 Jun 2016 5:45
 Operator : UM/SJ
 Sample : H3405-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP-0.5-11.0

Quant Time: Jun 09 07:44:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

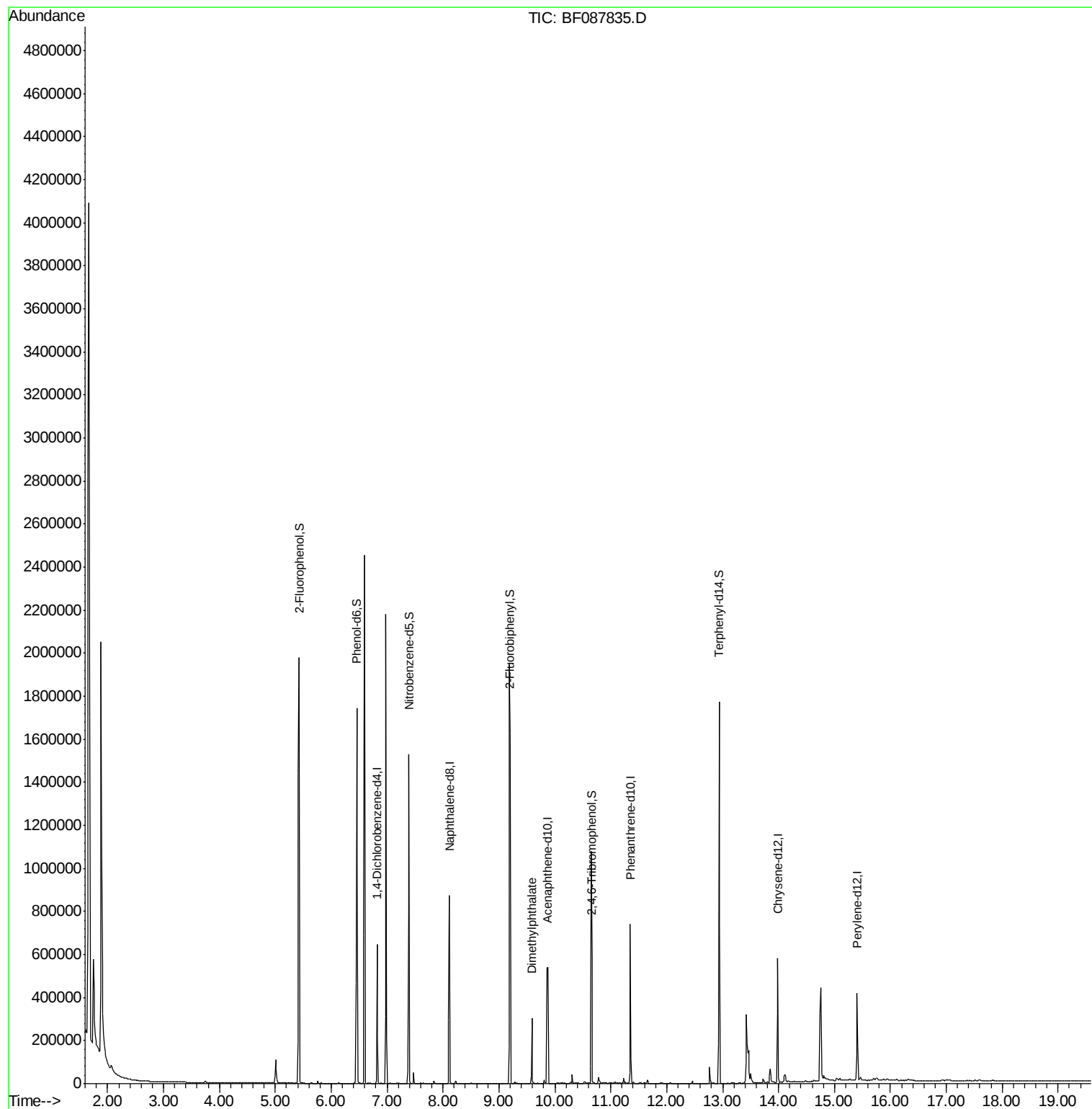
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	102035	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	420905	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	163373	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	251993	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	225589	20.00	ng	0.00
86) Perylene-d12	15.41	264	173445	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	763524	127.92	ng	0.00
7) Phenol-d6	6.46	99	867308	119.90	ng	-0.02
23) Nitrobenzene-d5	7.39	82	573435	79.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	166612	96.58	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	930385	89.77	ng	-0.01
78) Terphenyl-d14	12.94	244	619245	62.46	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	118088	9.98	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP-0.5-11.0

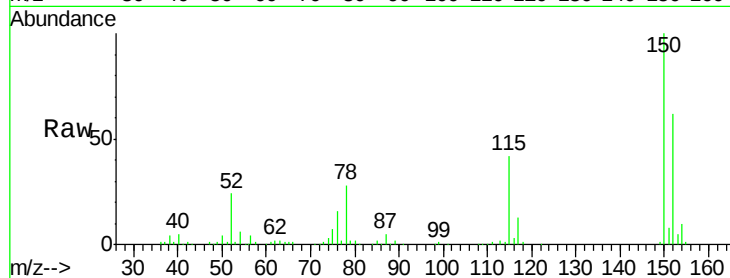
Tot Ion:152 Resp: 102035

Ion Ratio Lower Upper

152 100

150 160.2 123.8 185.6

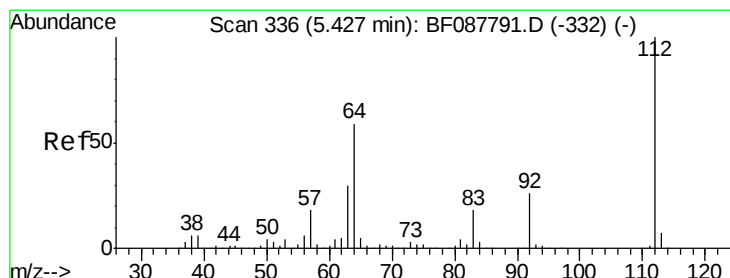
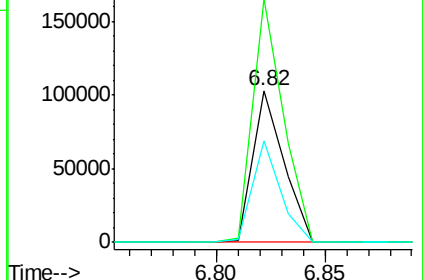
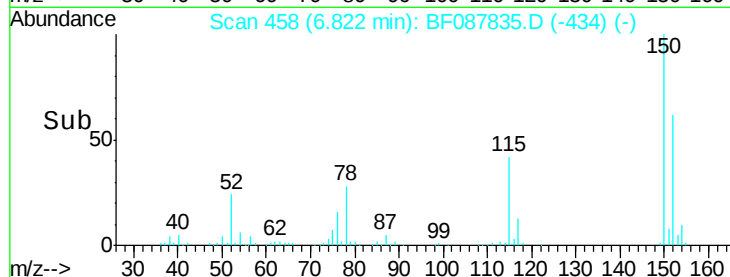
115 67.2 39.6 59.4#



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: 127.92 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

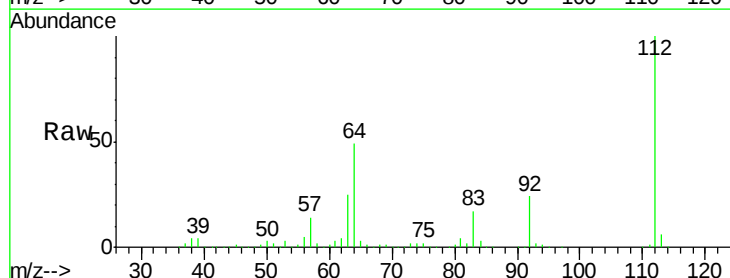
Tgt Ion:112 Resp: 763524

Ion Ratio Lower Upper

112 100

64 48.7 42.2 63.2

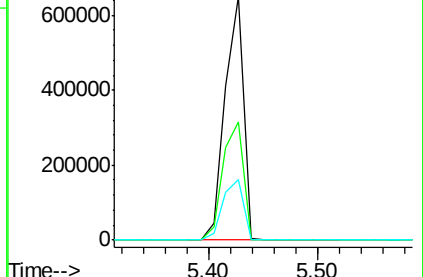
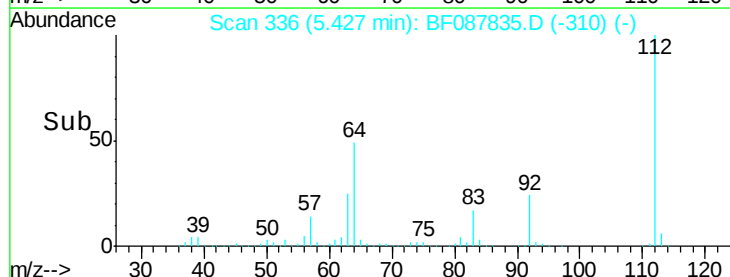
63 24.8 21.8 32.8



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: 119.90 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP-0.5-11.0

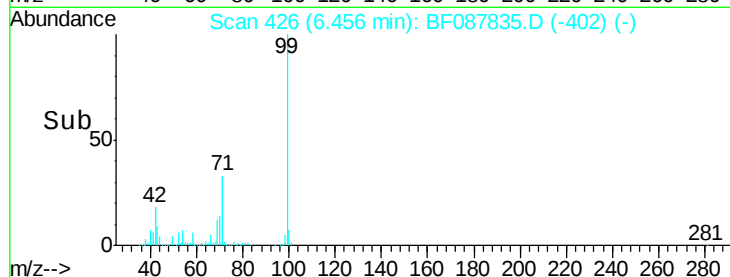
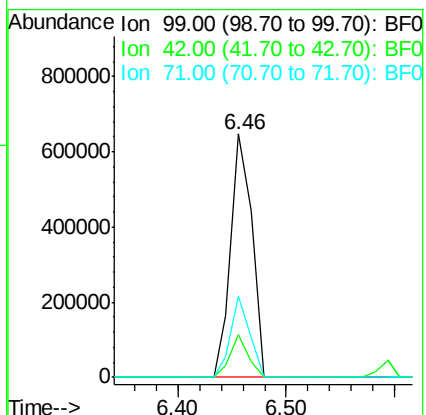
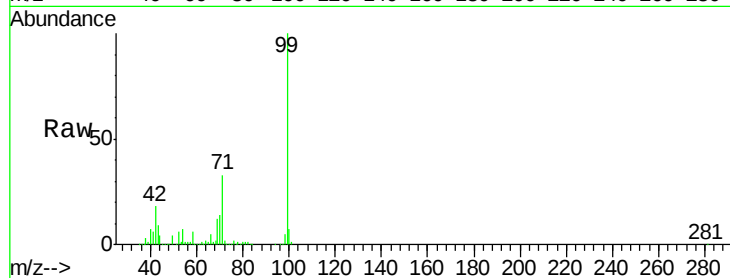
Tot Ion: 99 Resp: 867308

Ion Ratio Lower Upper

99 100

42 17.5 12.2 18.2

71 33.1 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

Tgt Ion: 136 Resp: 420905

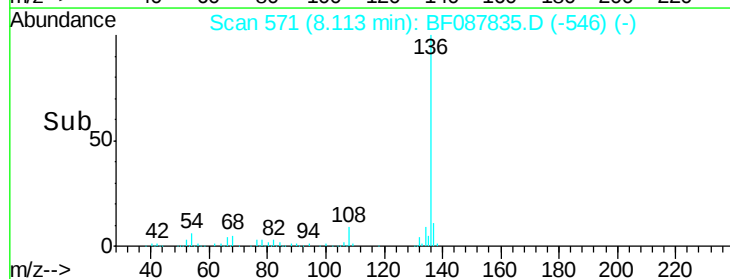
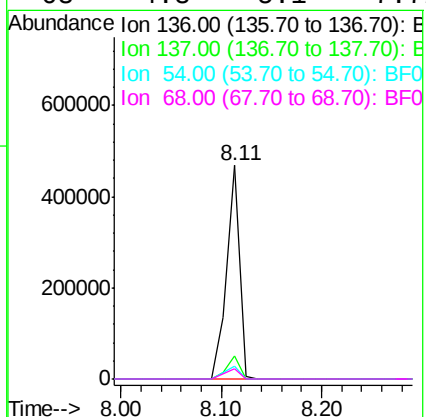
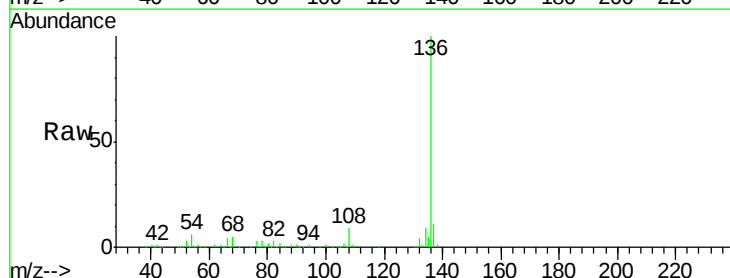
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.7 6.6 10.0#

68 4.8 5.1 7.7#

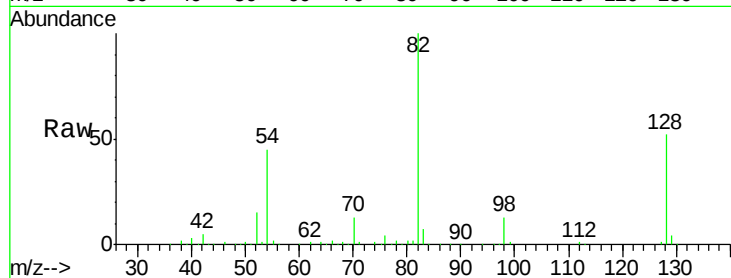




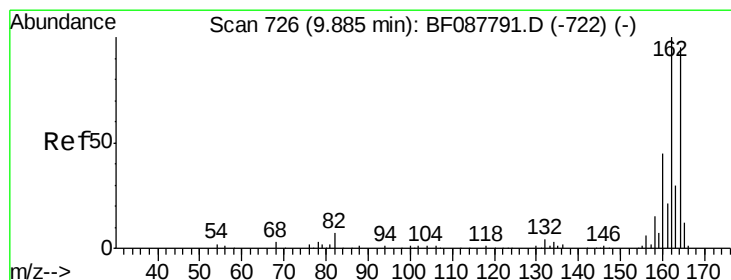
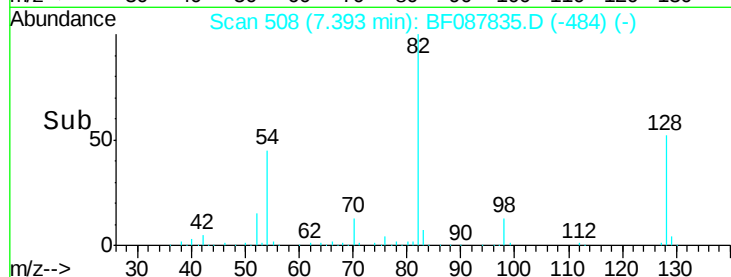
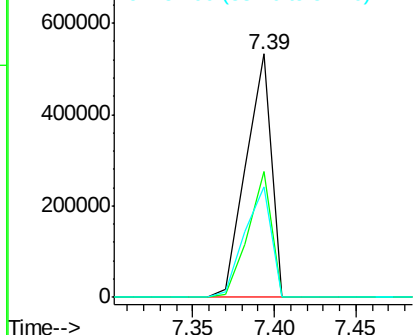
#23
 Nitrobenzene-d5
 Concen: 79.56 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087835.D
 Acq: 9 Jun 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP-0.5-11.0

Tot Ion	82	Resp	573435
Ion Ratio	100	Lower	Upper
128	52.0	35.9	53.9
54	45.3	40.9	61.3

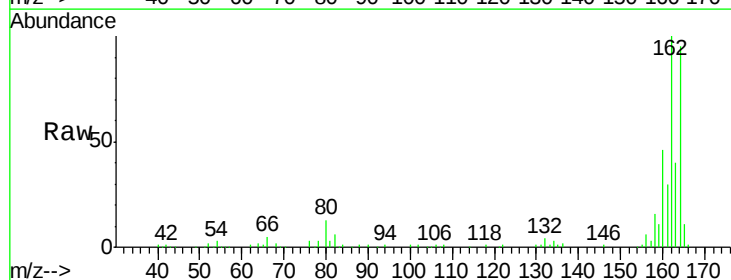


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

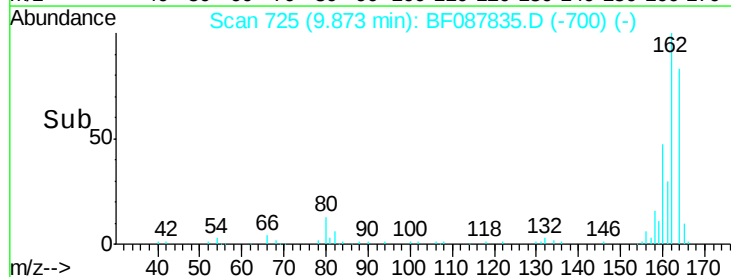
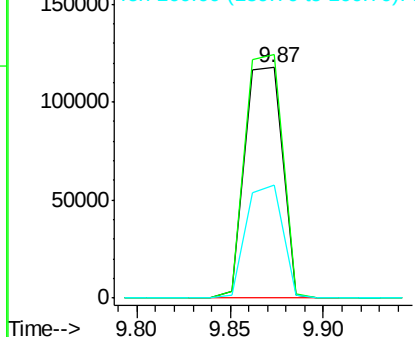


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087835.D
 Acq: 9 Jun 2016 5:45

Tgt Ion	164	Resp	163373
Ion Ratio	100	Lower	Upper
162	105.6	85.4	128.2
160	48.8	39.5	59.3



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

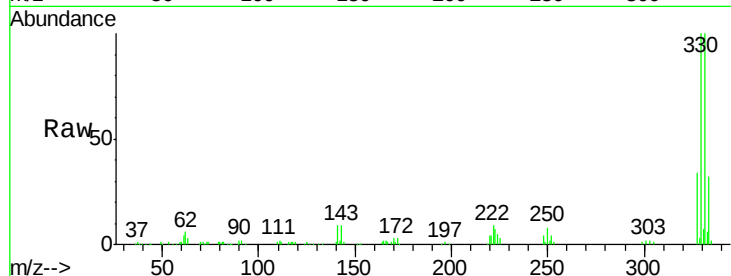




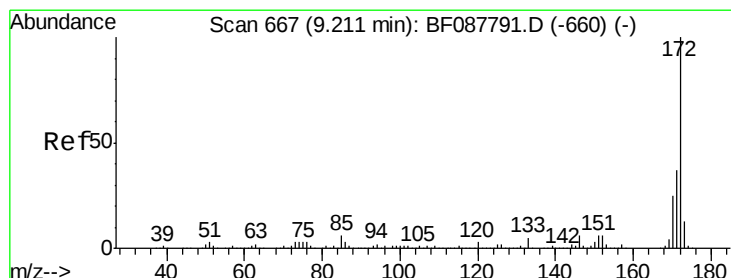
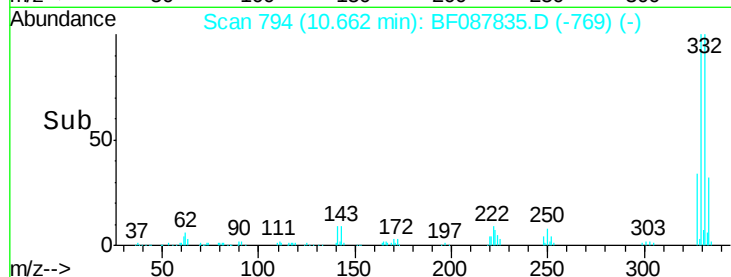
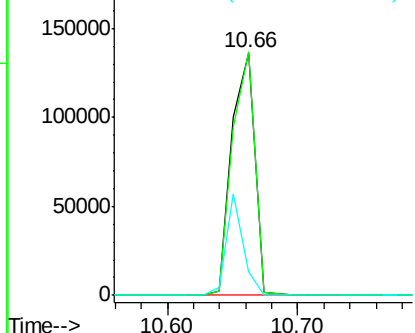
#41
2,4,6-Tribromophenol
Concen: 96.58 ng
RT: 10.66 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF087835.D
Acq: 9 Jun 2016 5:45

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP-0.5-11.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	30.9	0.0	0.0#

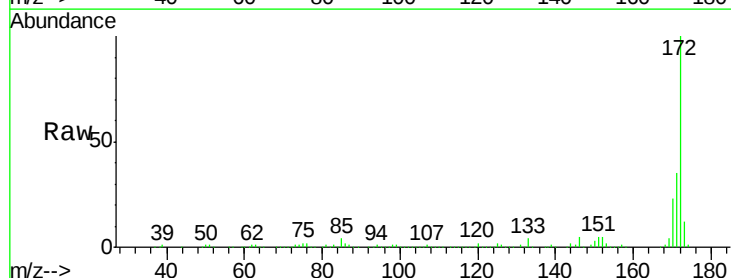


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

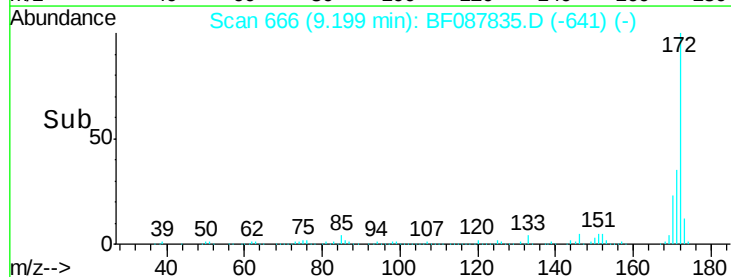
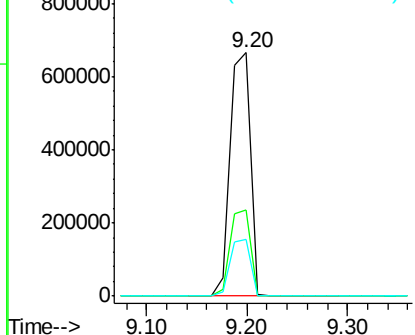


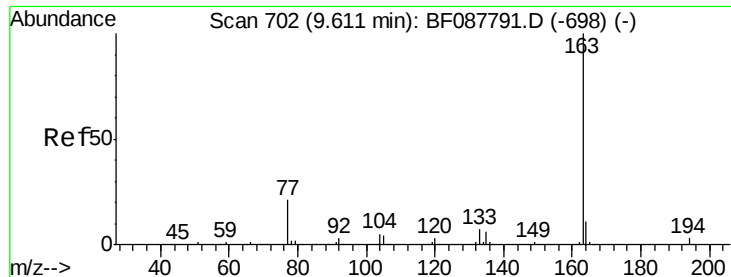
#44
2-Fluorobiphenyl
Concen: 89.77 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF087835.D
Acq: 9 Jun 2016 5:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.4	19.2	28.8



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





#49

Dimethylphthalate

Concen: 9.98 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP-0.5-11.0

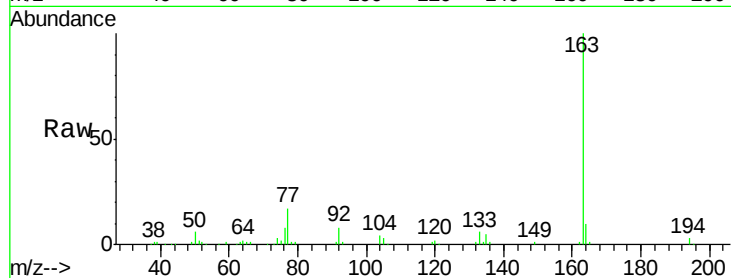
Tot Ion:163 Resp: 118088

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

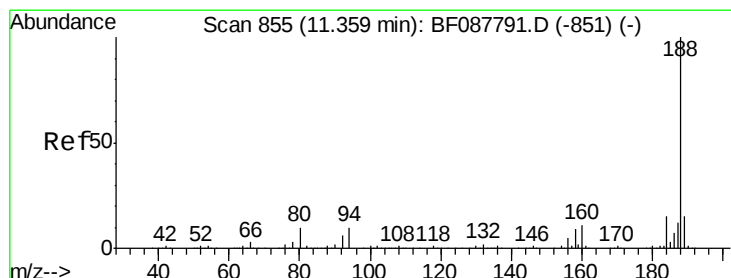
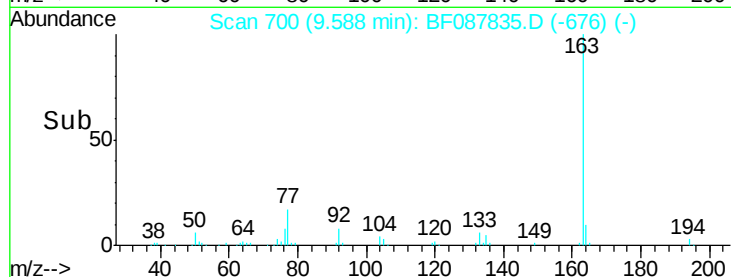
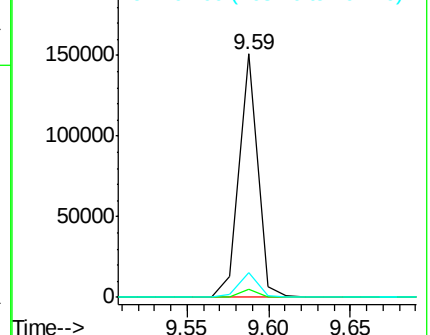
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

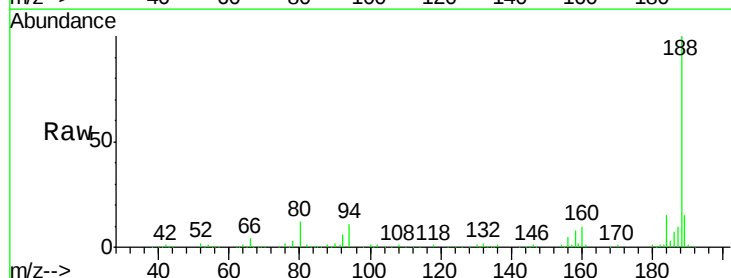
Tgt Ion:188 Resp: 251993

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

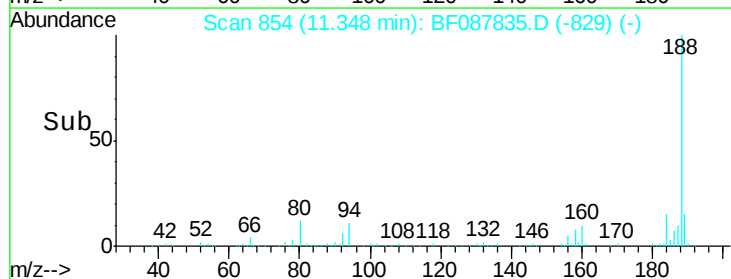
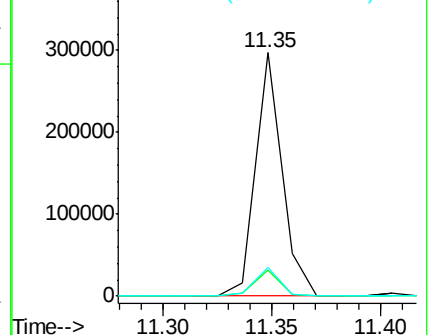
80 11.7 10.0 15.0



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: 13.99 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP-0.5-11.0

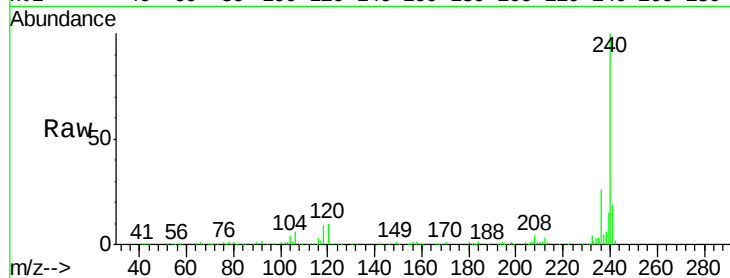
Tot Ion:240 Resp: 225589

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

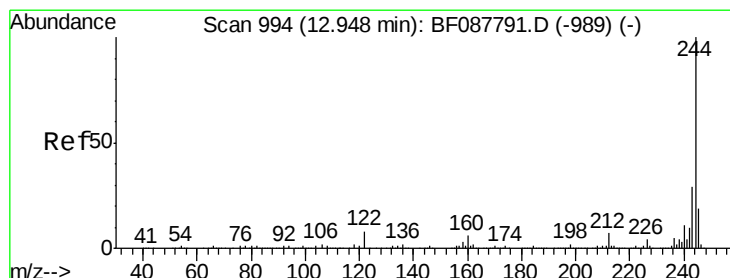
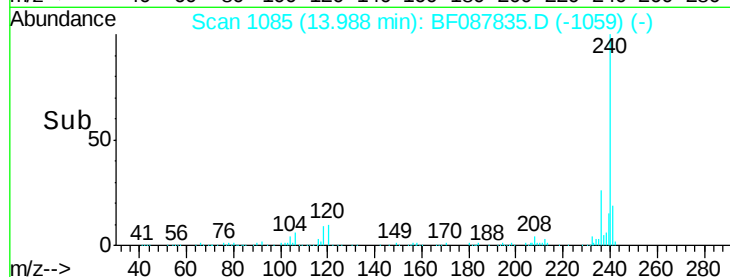
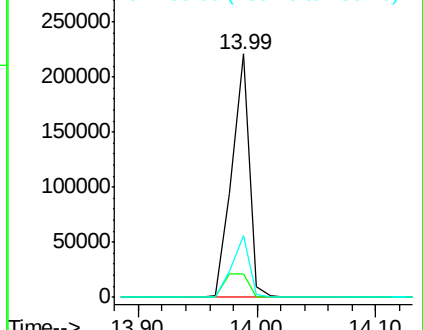
236 25.6 20.2 30.2



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: 62.46 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087835.D

Acq: 9 Jun 2016 5:45

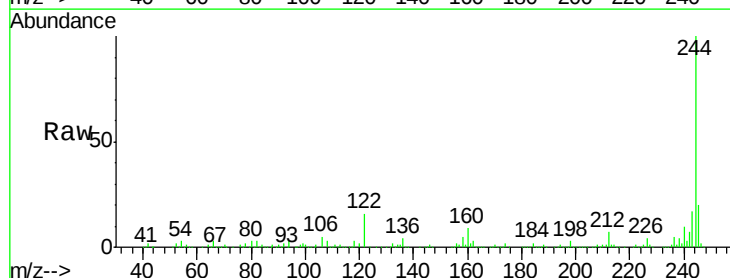
Tgt Ion:244 Resp: 619245

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

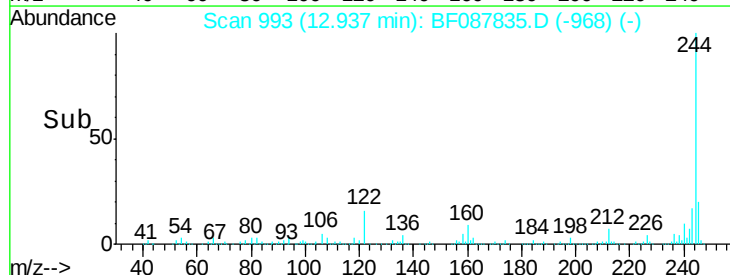
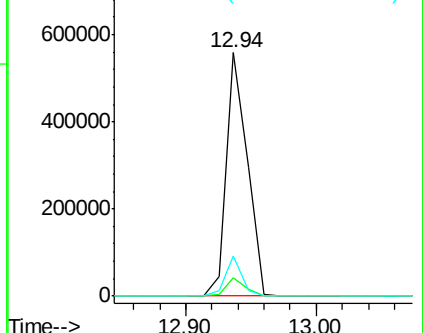
122 16.3 11.2 16.8

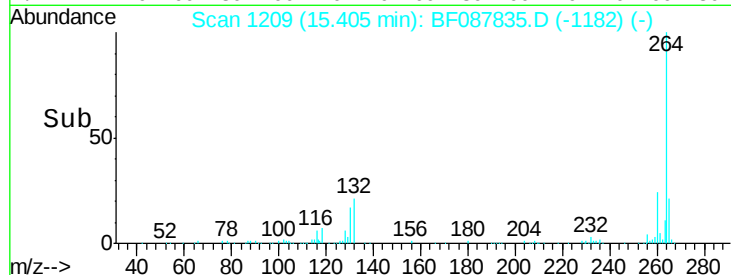
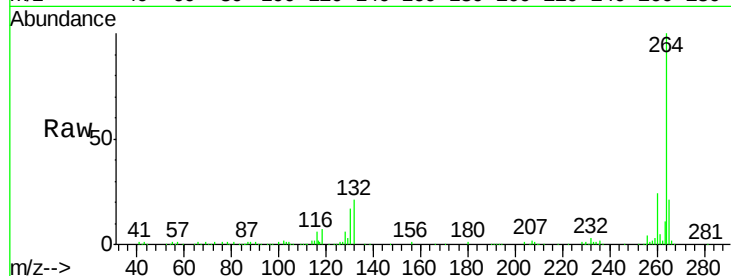
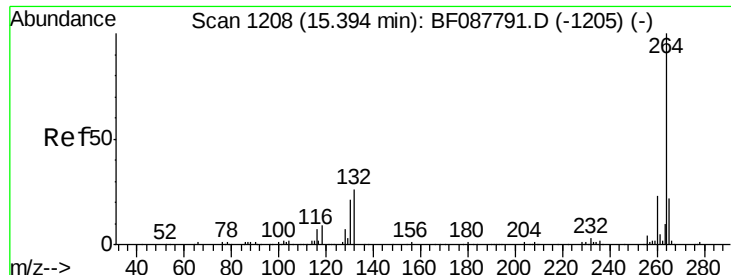


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF087835.D
 Acq: 9 Jun 2016 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP-0.5-11.0

Tot Ion:	264	Resp:	173445
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	16.9	25.3

