

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087833.D
 Acq On : 9 Jun 2016 4:46
 Operator : UM/SJ
 Sample : H3405-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0

Quant Time: Jun 09 07:39:14 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

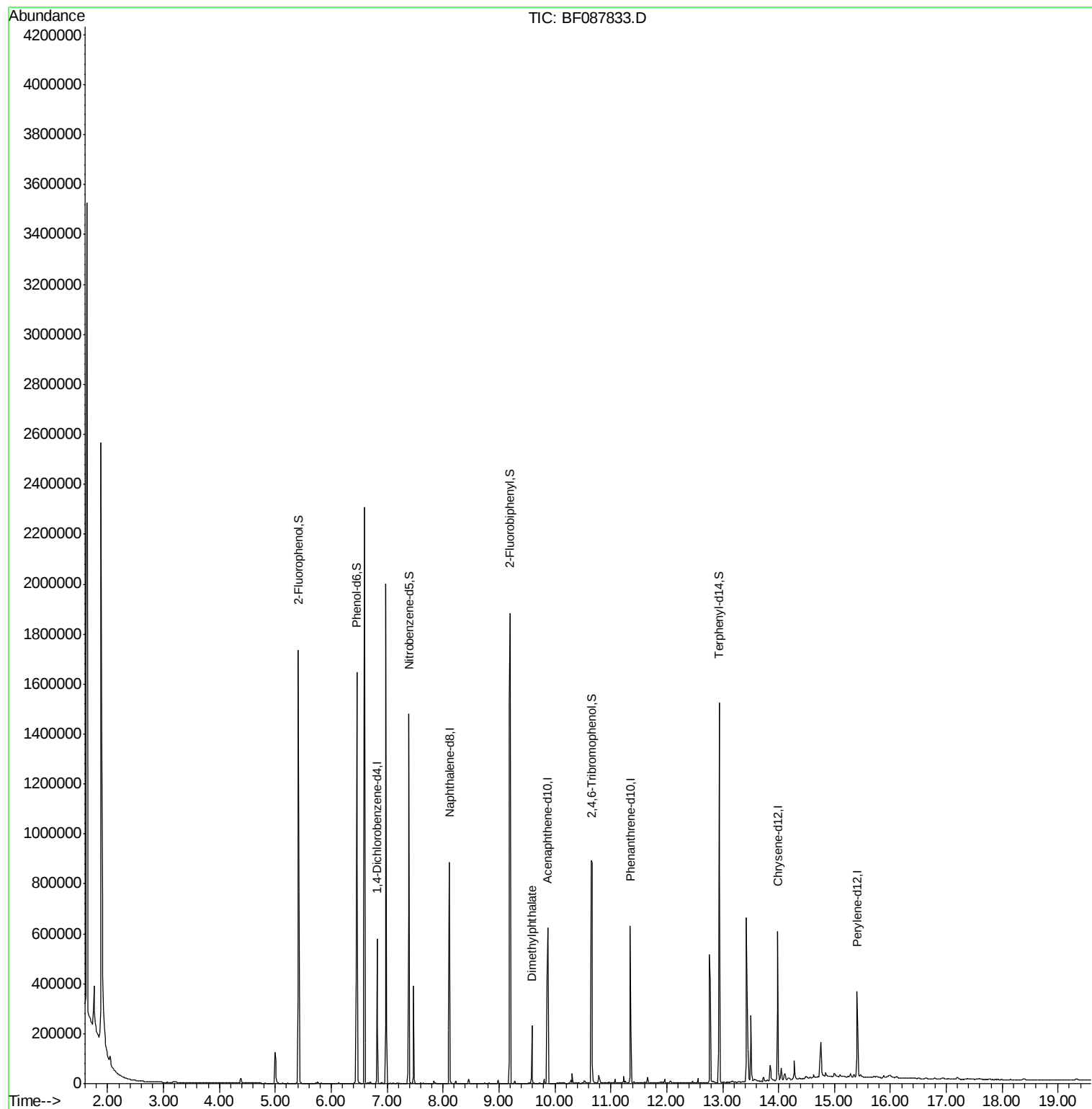
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96857	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	394530	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	156986	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	235810	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	220898	20.00	ng	0.00
86) Perylene-d12	15.41	264	160551	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	615648	108.66	ng	-0.01
7) Phenol-d6	6.46	99	781204	113.77	ng	-0.02
23) Nitrobenzene-d5	7.39	82	528082	78.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	171293	103.34	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	862132	86.36	ng	-0.01
78) Terphenyl-d14	12.94	244	573089	59.04	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.59	163	88280	7.76	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: BF087833.D

Acq: 9 Jun 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0

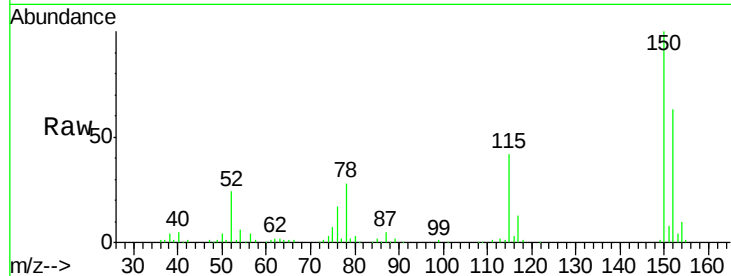
Tot Ion:152 Resp: 96857

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

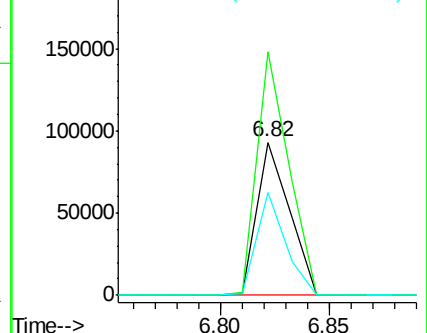
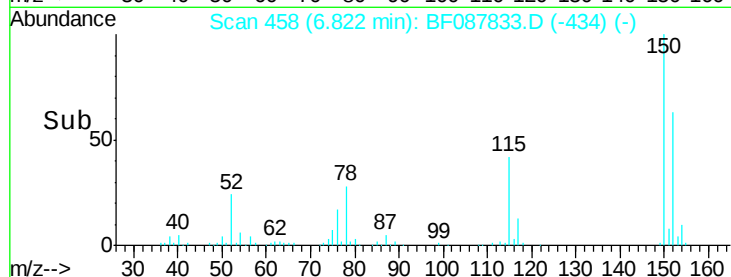
115 67.0 39.6 59.4#



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: 108.66 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087833.D

Acq: 9 Jun 2016 4:46

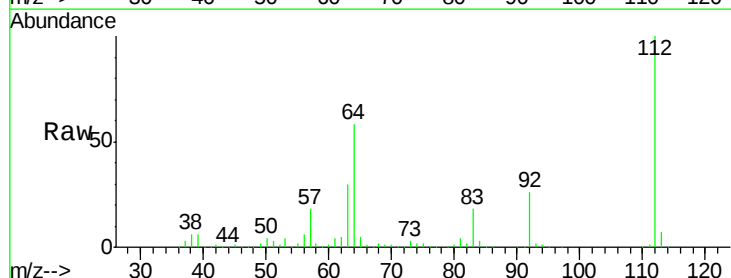
Tgt Ion:112 Resp: 615648

Ion Ratio Lower Upper

112 100

64 58.4 42.2 63.2

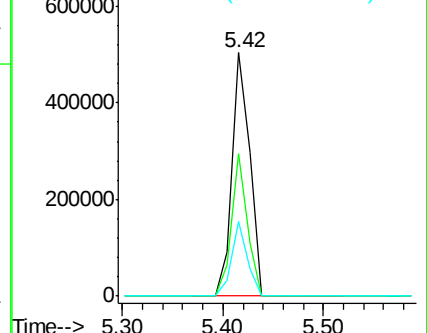
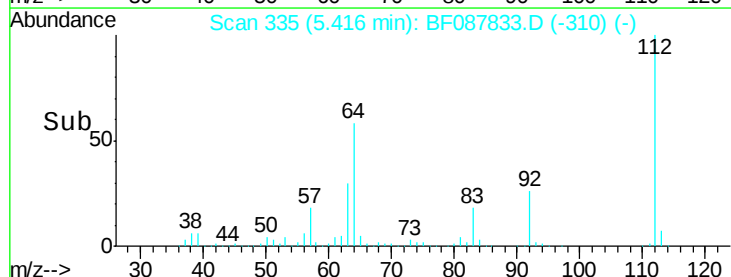
63 30.4 21.8 32.8

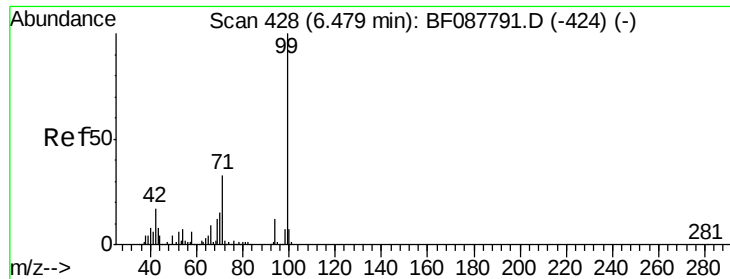


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.77 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087833.D

Acq: 9 Jun 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0

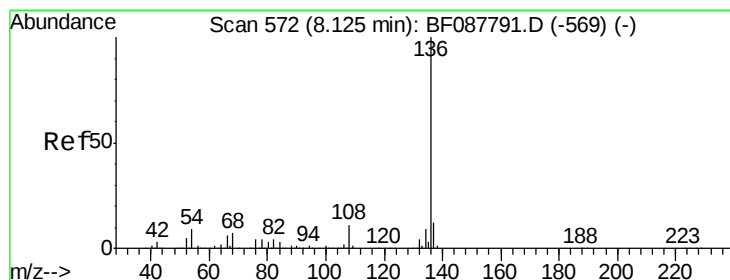
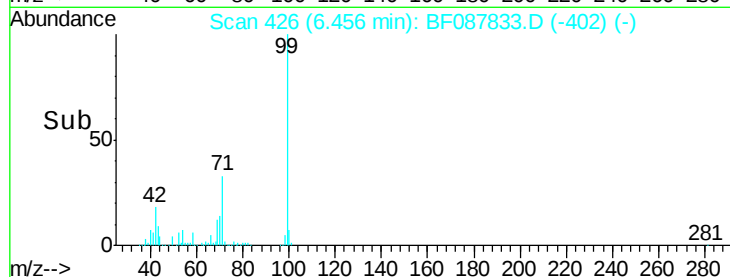
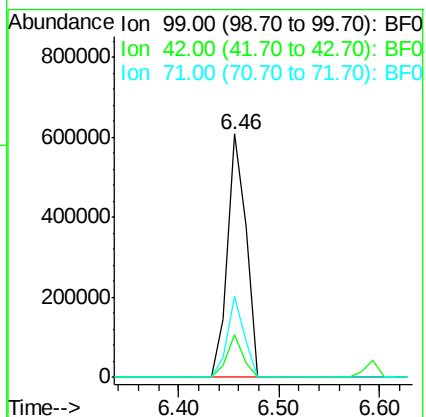
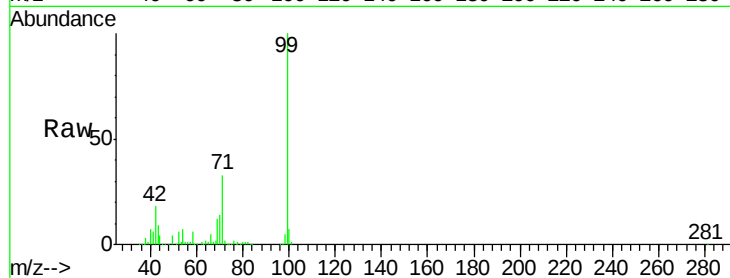
Tot Ion: 99 Resp: 781204

Ion Ratio Lower Upper

99 100

42 17.6 12.2 18.2

71 33.4 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: BF087833.D

Acq: 9 Jun 2016 4:46

Tgt Ion: 136 Resp: 394530

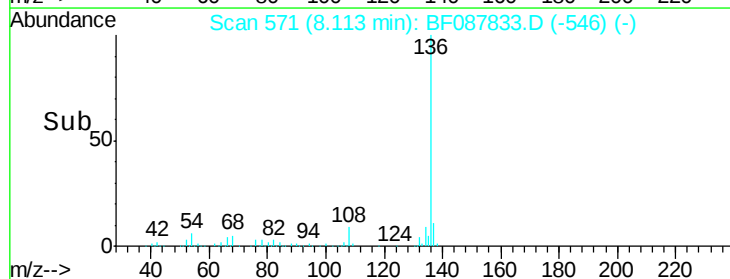
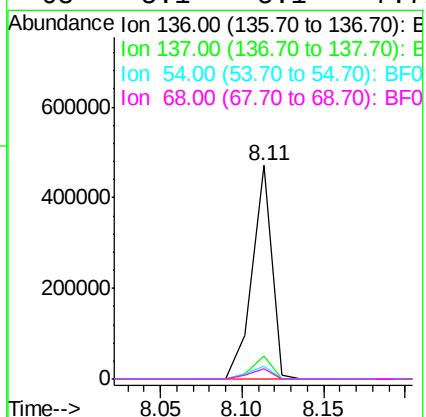
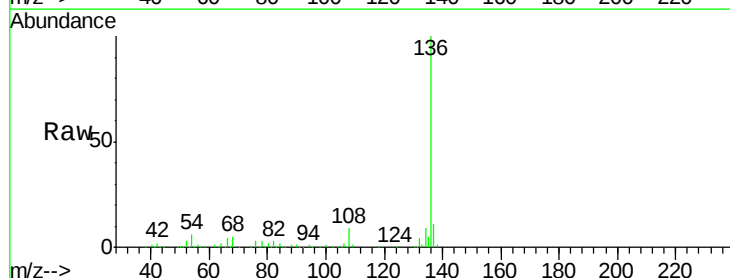
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.1 6.6 10.0#

68 5.1 5.1 7.7#

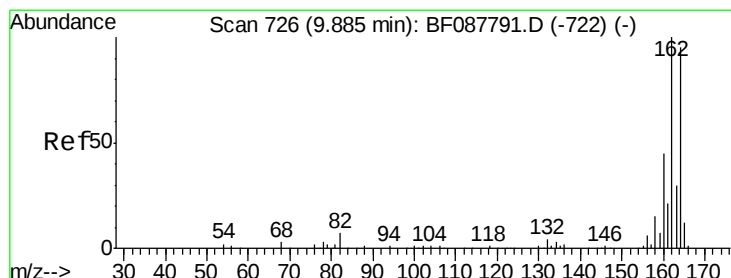
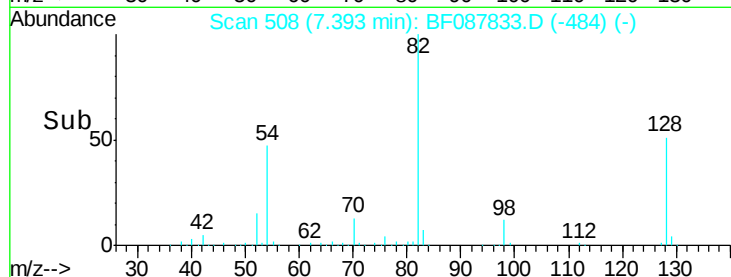
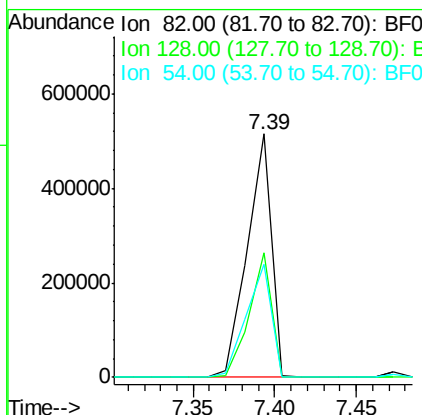
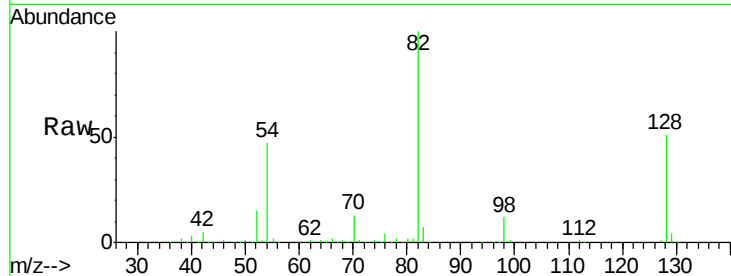




#23
 Nitrobenzene-d5
 Concen: 78.16 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087833.D
 Acq: 9 Jun 2016 4:46

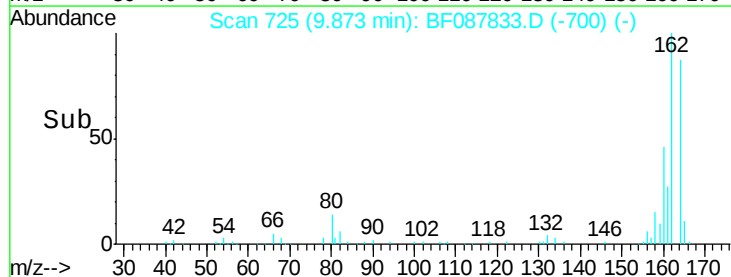
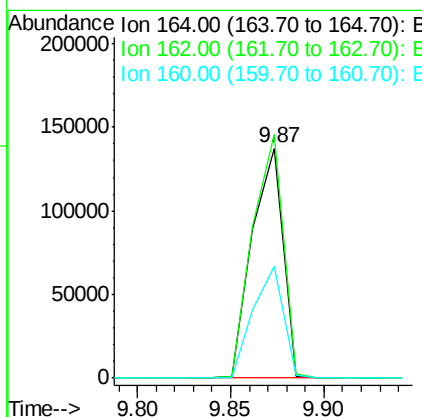
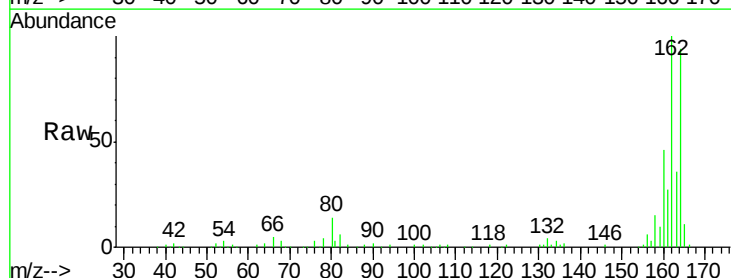
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0

Tot Ion	82	Resp	528082
Ion Ratio	100		
Lower			
Upper			
82	100		
128	51.2	35.9	53.9
54	46.5	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF087833.D
 Acq: 9 Jun 2016 4:46

Tgt Ion	164	Resp	156986
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
164	100		
162	105.9	85.4	128.2
160	48.4	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 103.34 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087833.D

Acq: 9 Jun 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0

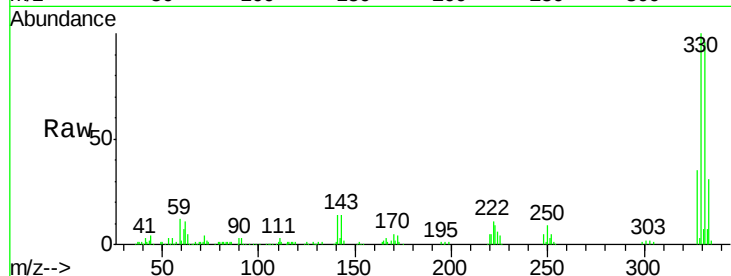
Tot Ion:330 Resp: 171293

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

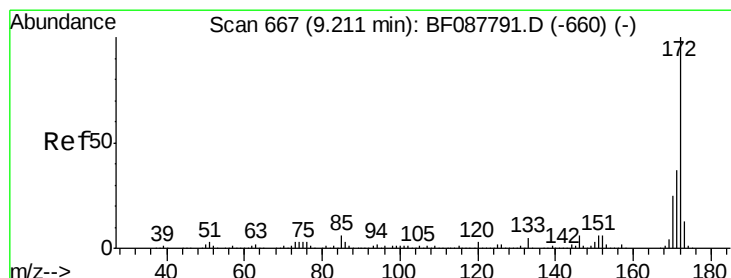
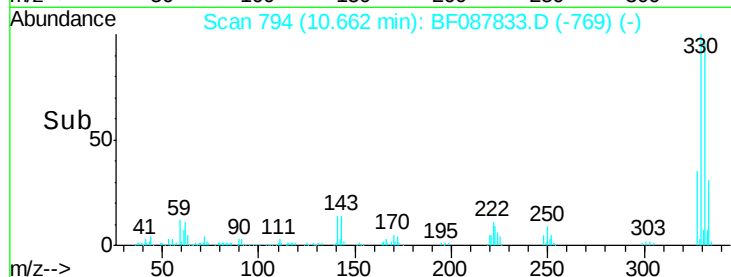
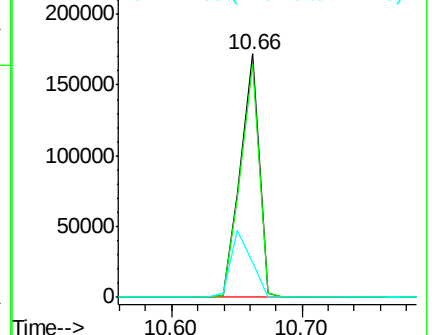
141 30.0 0.0 0.0#



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: 86.36 ng

RT: 9.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF087833.D

Acq: 9 Jun 2016 4:46

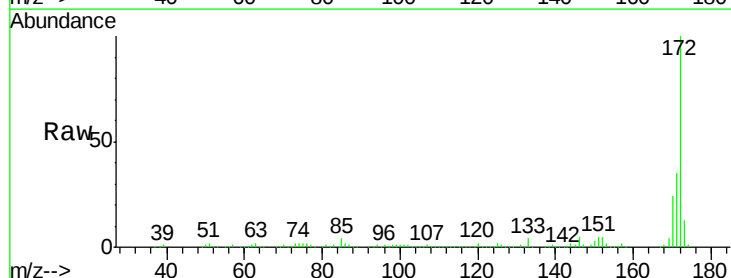
Tgt Ion:172 Resp: 862132

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

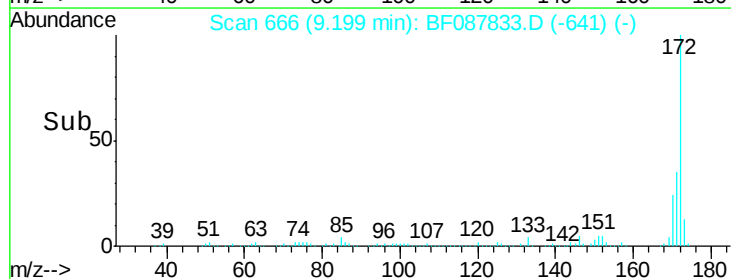
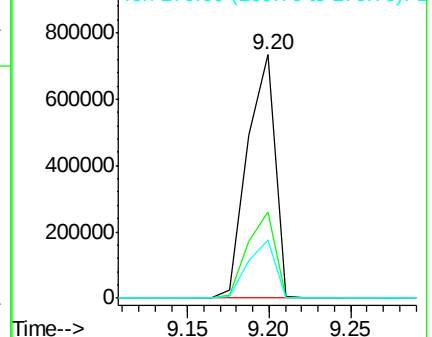
170 23.7 19.2 28.8

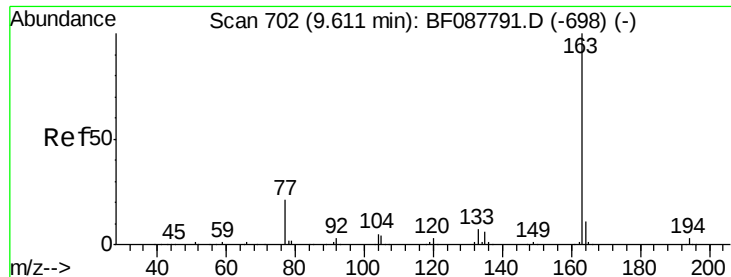


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

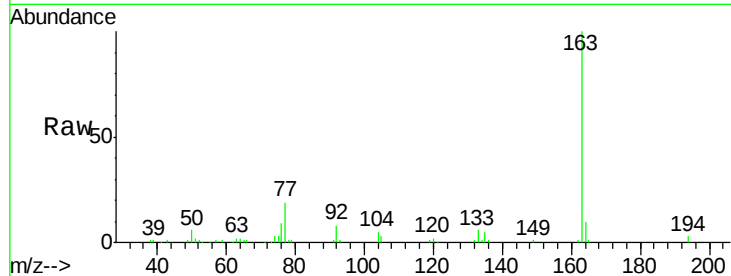




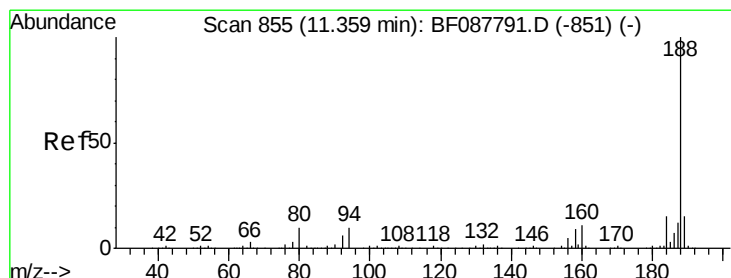
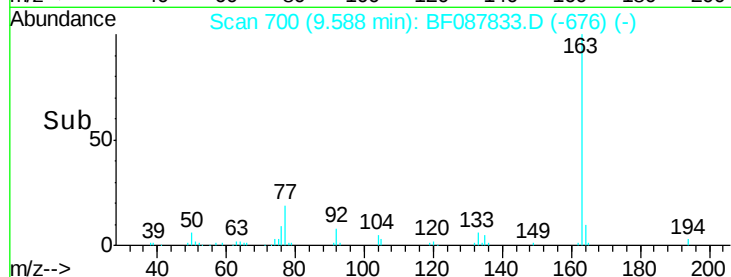
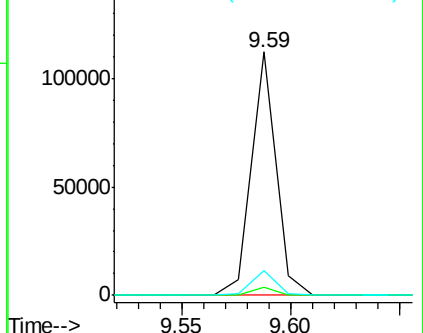
#49
Dimethylphthalate
Concen: 7.76 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087833.D
Acq: 9 Jun 2016 4:46

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0

Tot Ion:163 Resp: 88280
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 8.3 12.5

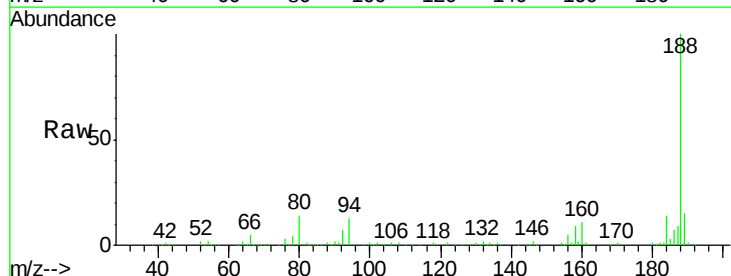


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

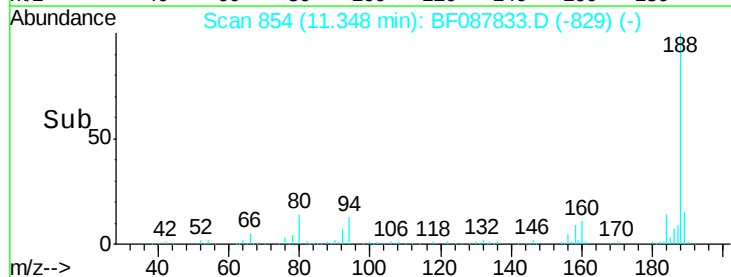
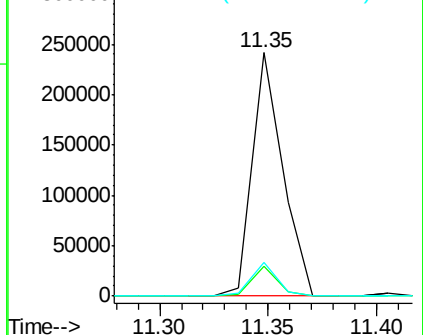


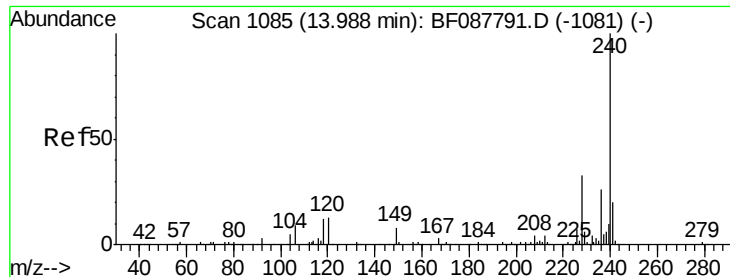
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF087833.D
Acq: 9 Jun 2016 4:46

Tgt Ion:188 Resp: 235810
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.6
80 13.9 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: BF087833.D

Acq: 9 Jun 2016 4:46

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0

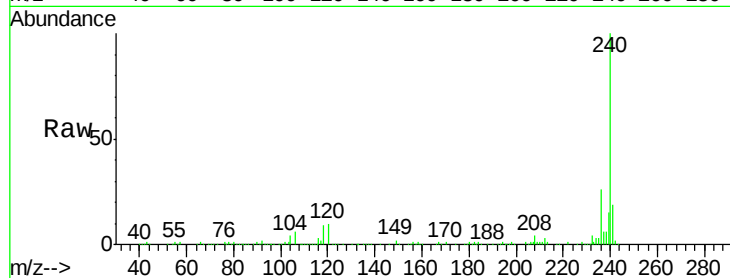
Tot Ion:240 Resp: 220898

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

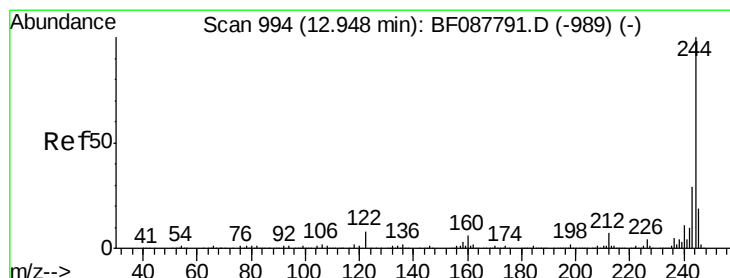
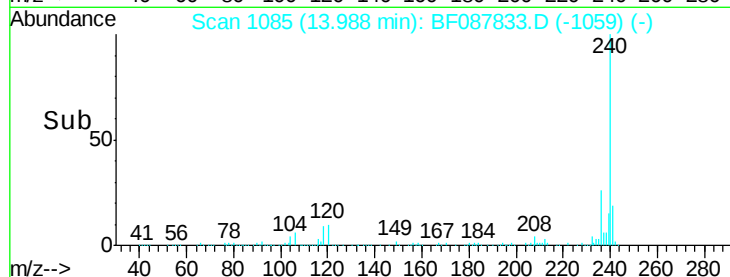
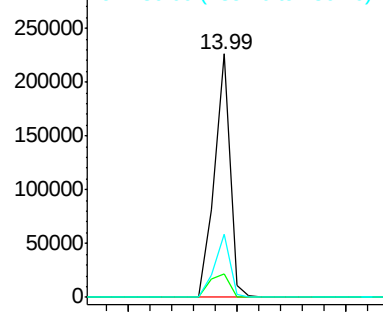
236 25.7 20.2 30.2



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: 59.04 ng

RT: 12.94 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF087833.D

Acq: 9 Jun 2016 4:46

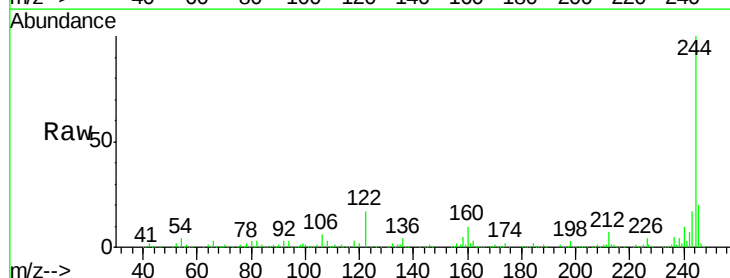
Tgt Ion:244 Resp: 573089

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

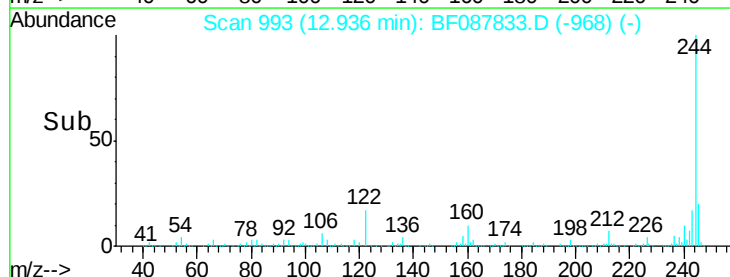
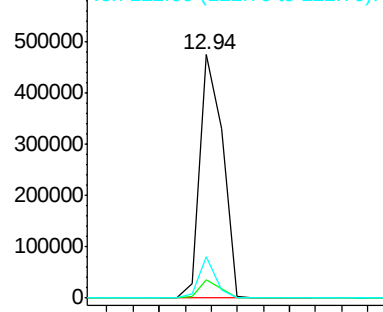
122 17.2 11.2 16.8#

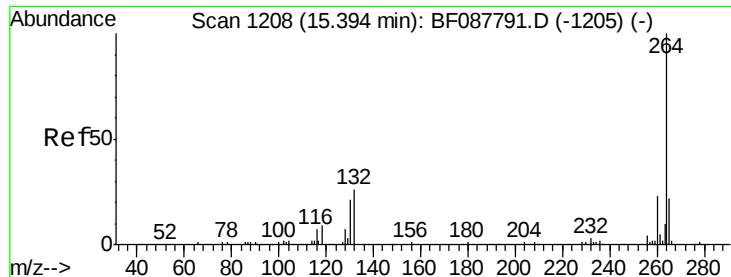


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



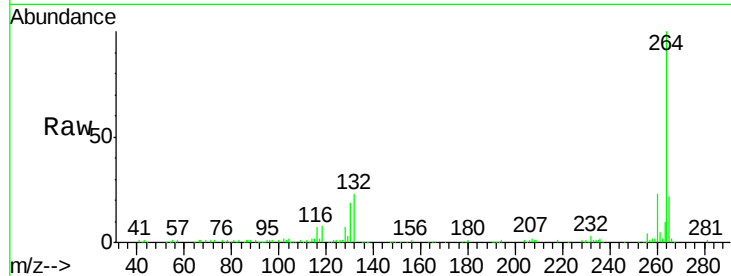


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF087833.D
Acq: 9 Jun 2016 4:46

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0

Tot Ion: 264 Resp: 160551

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.7	16.9	25.3



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

