

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087840.D
 Acq On : 9 Jun 2016 8:12
 Operator : UM/SJ
 Sample : H3371-04
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1725(0-4)

Quant Time: Jun 09 14:19:06 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

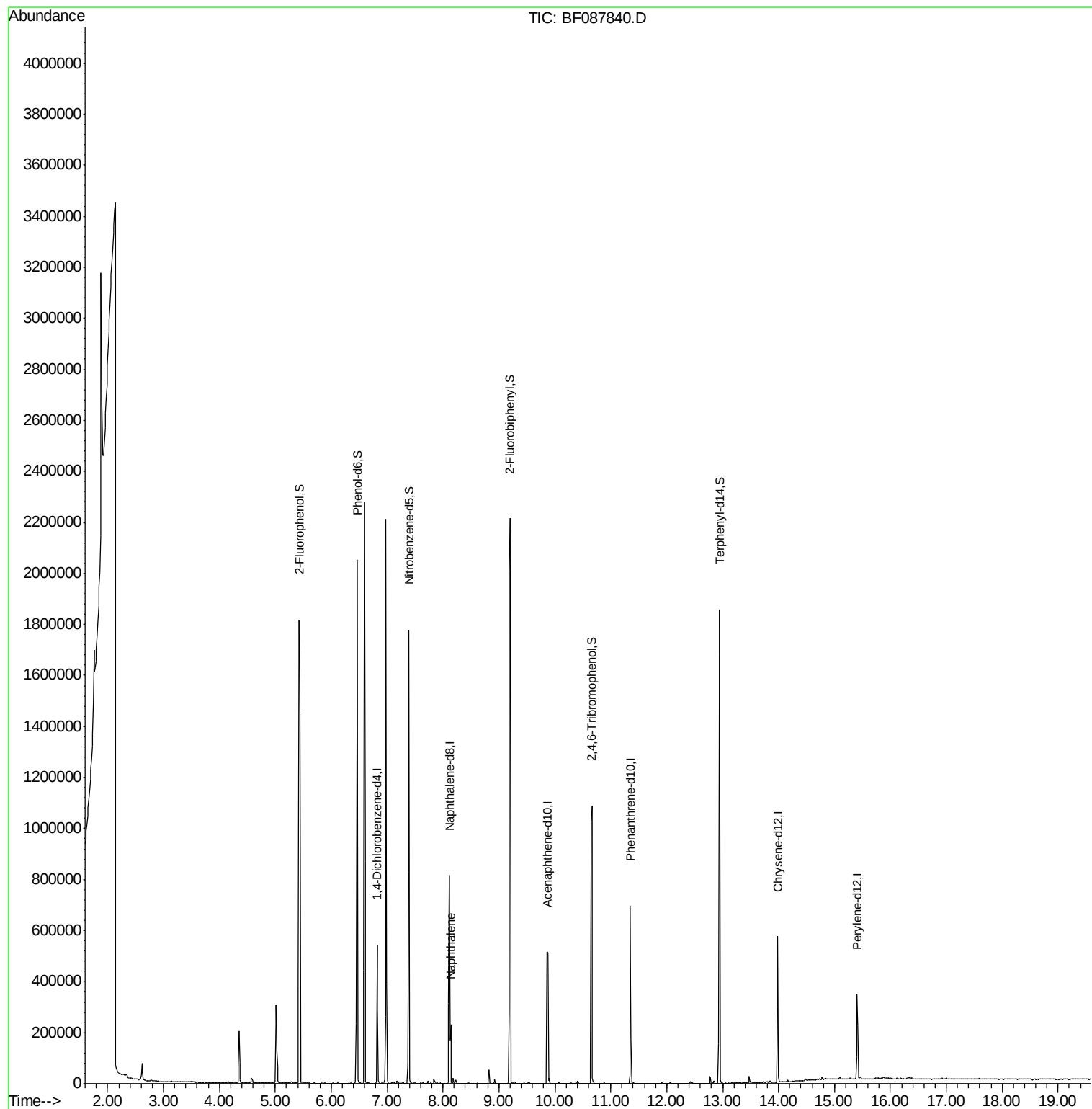
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	99626	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	405550	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	156439	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	250403	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	223371	20.00	ng	0.00
86) Perylene-d12	15.41	264	166347	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	789960	135.55	ng	0.00
7) Phenol-d6	6.47	99	993754	140.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	639613	92.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	218597	132.34	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1104634	112.73	ng	-0.01
78) Terphenyl-d14	12.95	244	859867	87.60	ng	0.00
Target Compounds						
31) Naphthalene	8.14	128	139830	6.97	ng	Qvalue 97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087840.D
Acq On : 9 Jun 2016 8:12
Operator : UM/SJ
Sample : H3371-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CH-STA-1725(0-4)

Quant Time: Jun 09 14:19:06 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

Instrument :

BNA_F

ClientSampleId :

CH-STA-1725(0-4)

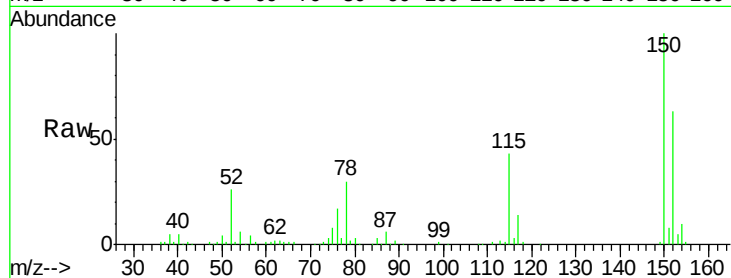
Tot Ion:152 Resp: 99626

Ion Ratio Lower Upper

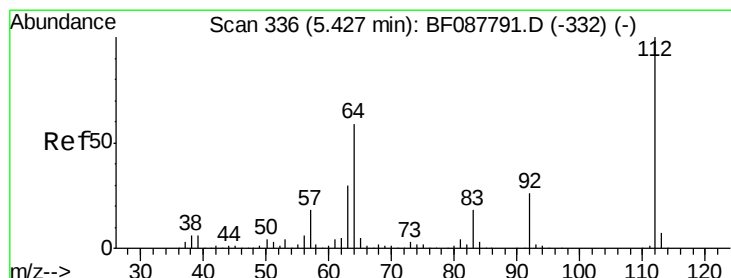
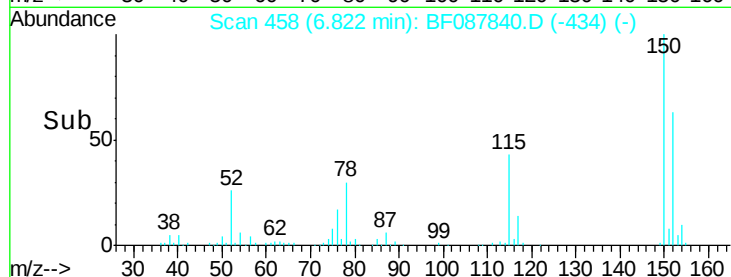
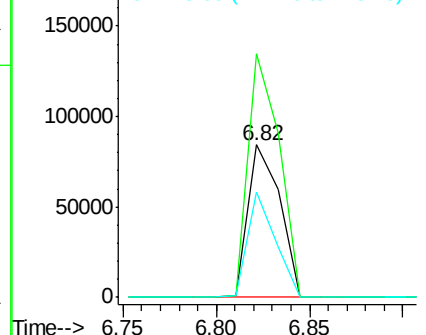
152 100

150 159.7 123.8 185.6

115 69.4 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: 135.55 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

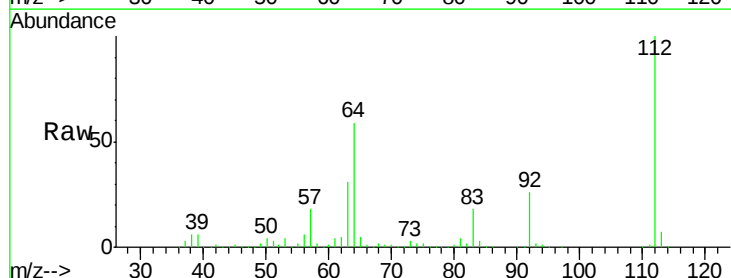
Tgt Ion:112 Resp: 789960

Ion Ratio Lower Upper

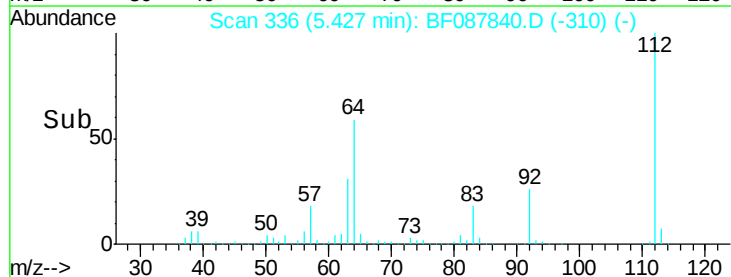
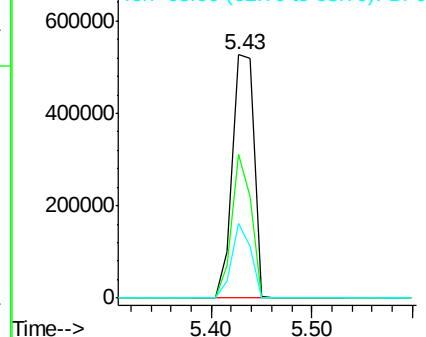
112 100

64 58.9 42.2 63.2

63 30.5 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: 140.71 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

Instrument :

BNA_F

ClientSampleId :

CH-STA-1725(0-4)

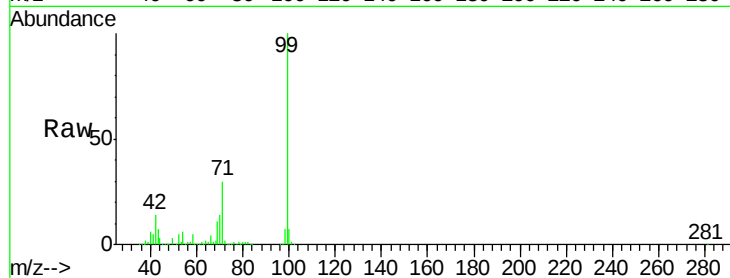
Tot Ion: 99 Resp: 993754

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

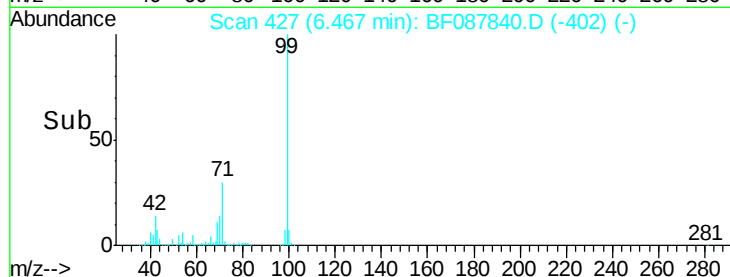
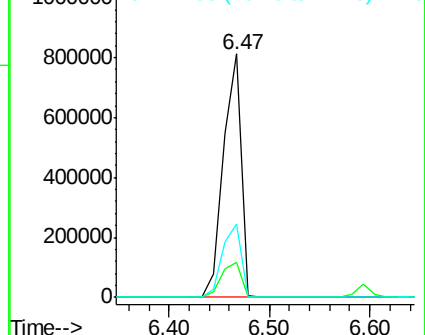
71 30.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

Tgt Ion: 136 Resp: 405550

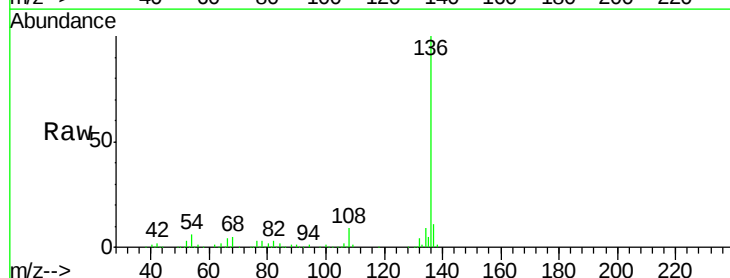
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 6.6 10.0#

68 5.0 5.1 7.7#

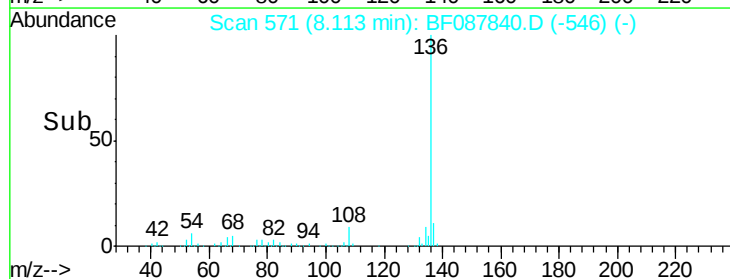
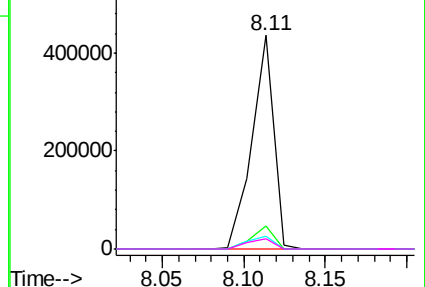


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

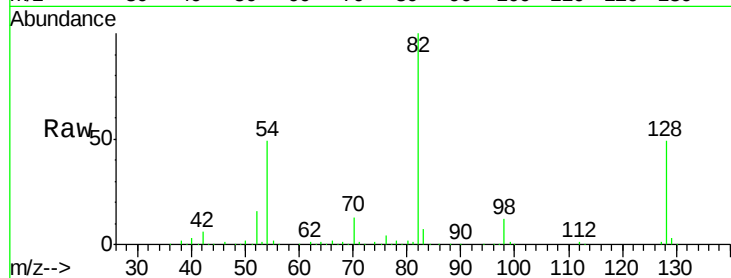




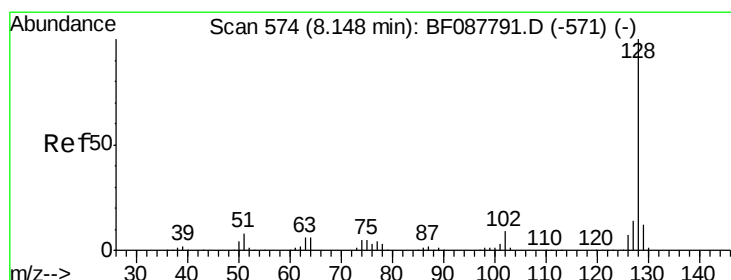
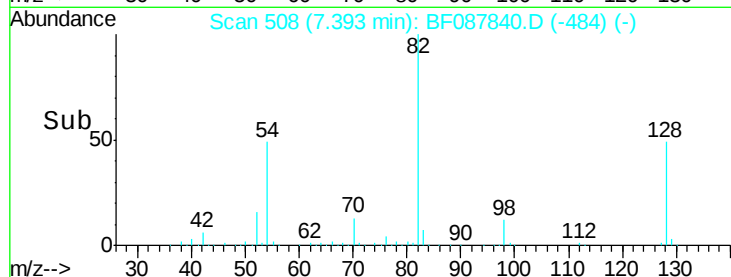
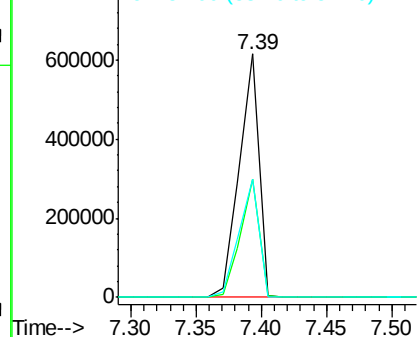
#23
Nitrobenzene-d5
Concen: 92.10 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087840.D
Acq: 9 Jun 2016 8:12

Instrument :
BNA_F
ClientSampleId :
CH-STA-1725(0-4)

Tot Ion	82	Resp	639613
Ion Ratio	100	Lower	Upper
128	48.8	35.9	53.9
54	48.6	40.9	61.3

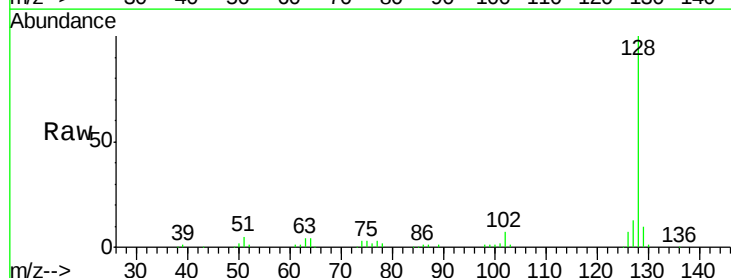


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

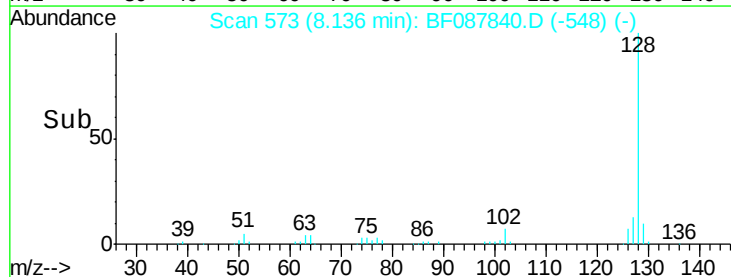
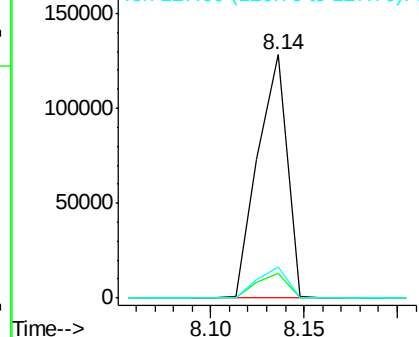


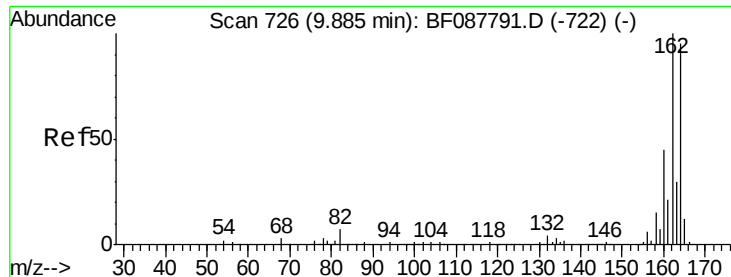
#31
Naphthalene
Concen: 6.97 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087840.D
Acq: 9 Jun 2016 8:12

Tgt Ion	128	Resp	139830
Ion Ratio	100	Lower	Upper
129	10.3	9.4	14.2
127	12.7	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

Instrument :

BNA_F

ClientSampleId :

CH-STA-1725(0-4)

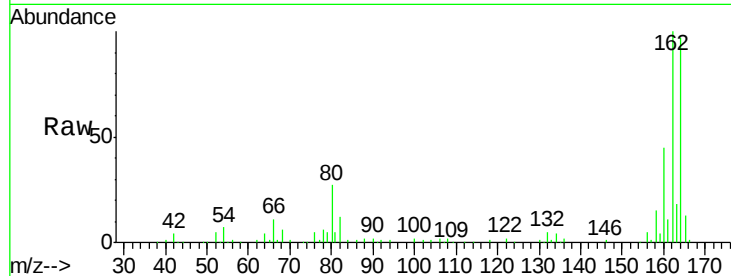
Tot Ion:164 Resp: 156439

Ion Ratio Lower Upper

164 100

162 103.2 85.4 128.2

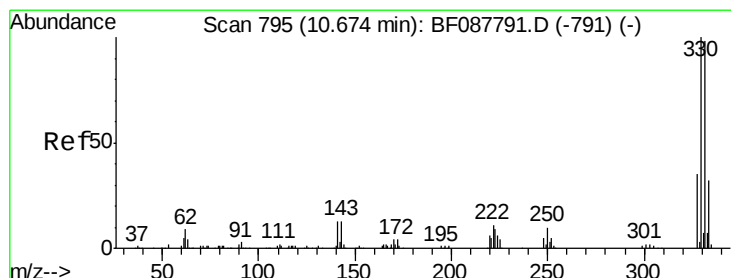
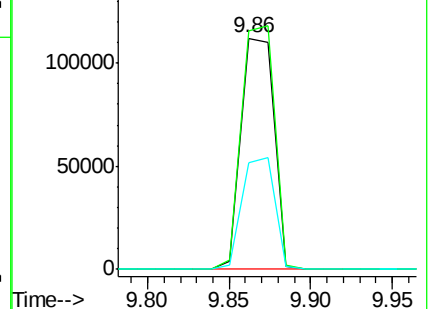
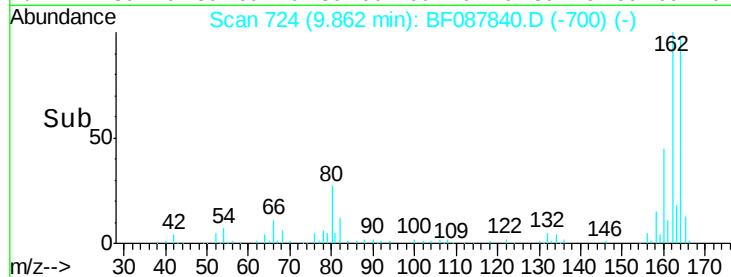
160 46.3 39.5 59.3



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: 132.34 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

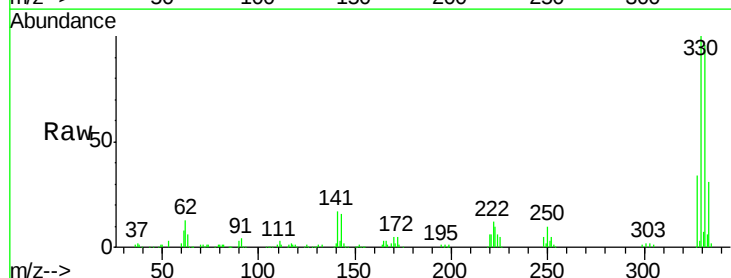
Tgt Ion:330 Resp: 218597

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

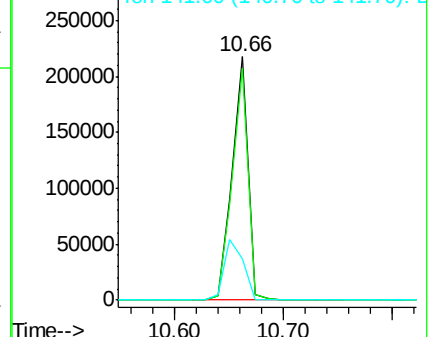
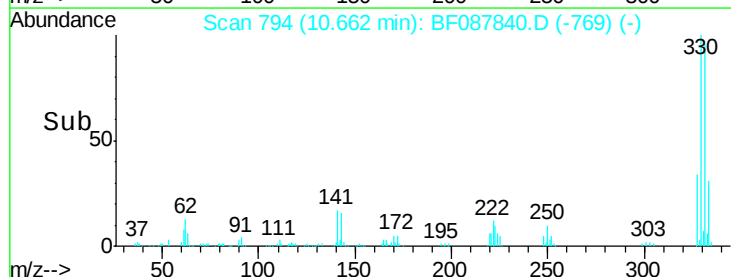
141 30.5 0.0 0.0#

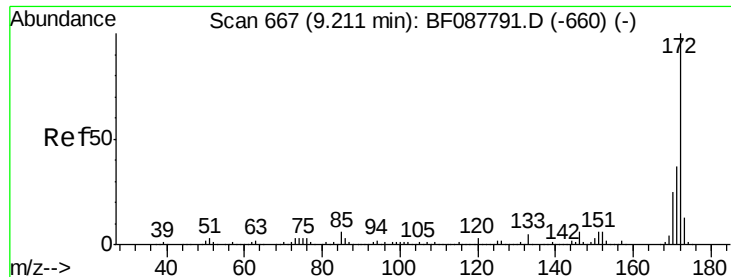


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



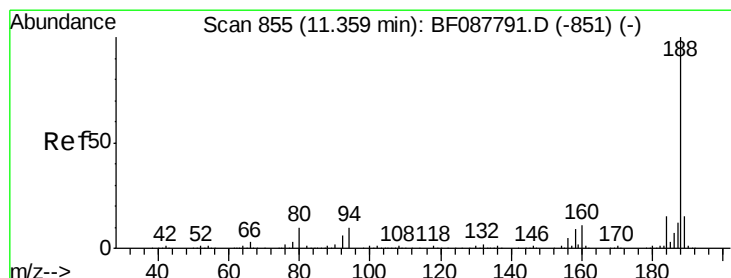
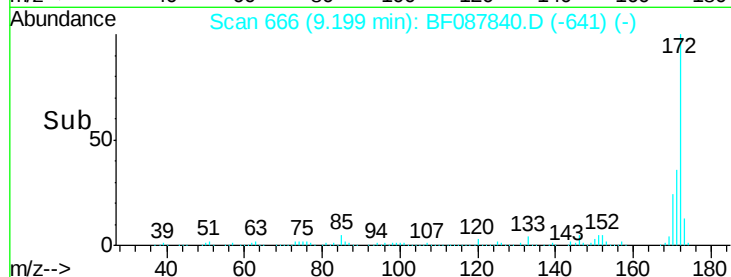
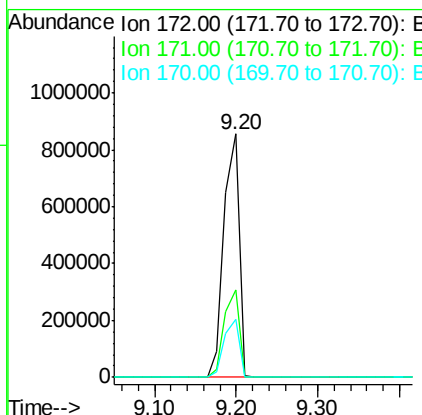
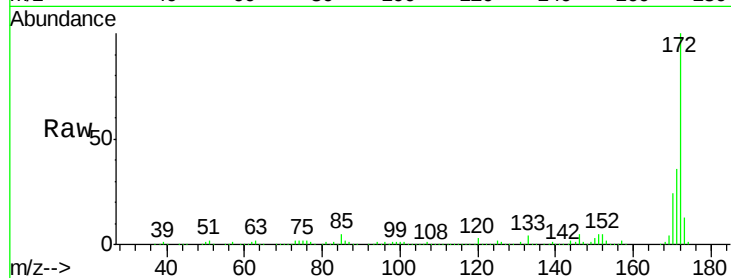


#44
 2-Fluorobiphenyl
 Concen: 112.73 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087840.D
 Acq: 9 Jun 2016 8:12

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1725(0-4)

Tot Ion:172 Resp: 1104634

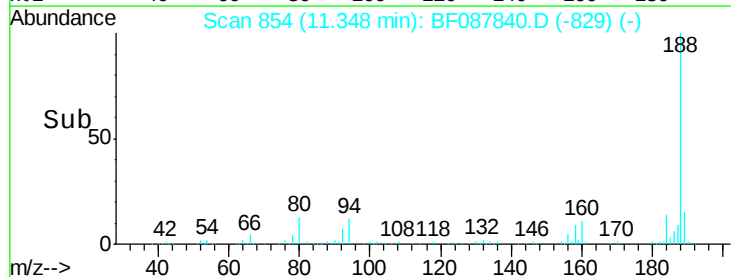
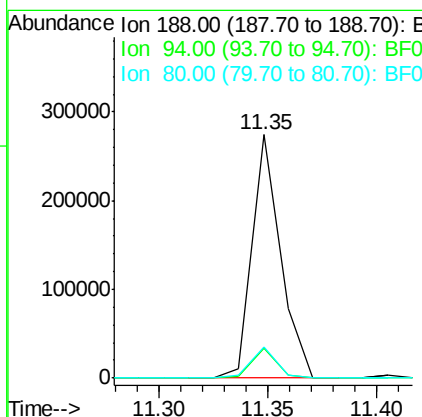
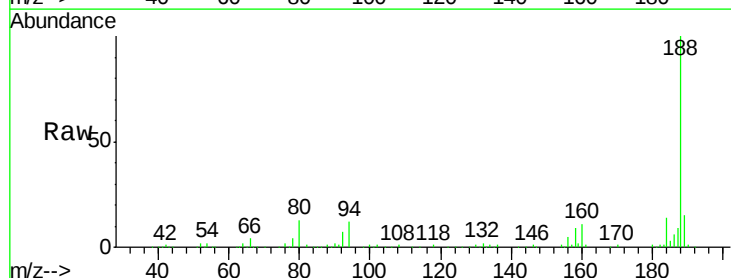
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.2	28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF087840.D
 Acq: 9 Jun 2016 8:12

Tgt Ion:188 Resp: 250403

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.0	13.6
80	12.7	10.0	15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

Instrument :

BNA_F

ClientSampleId :

CH-STA-1725(0-4)

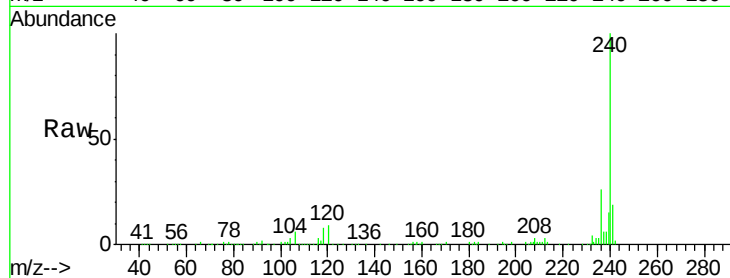
Tot Ion:240 Resp: 223371

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

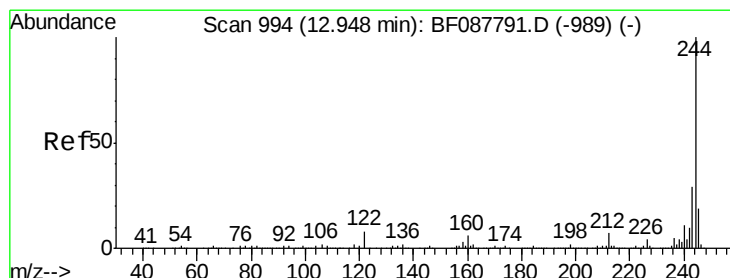
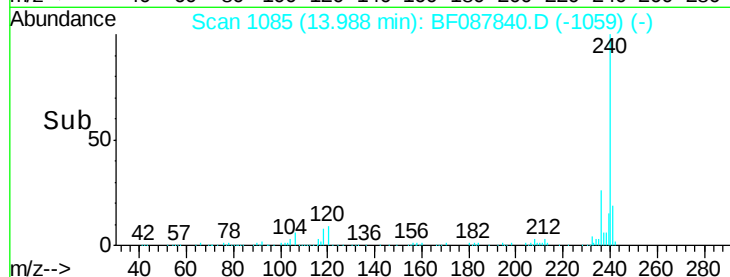
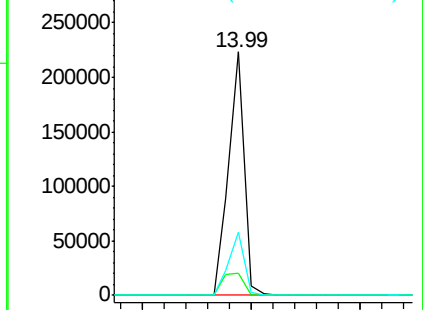
236 25.8 20.2 30.2



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: 87.60 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF087840.D

Acq: 9 Jun 2016 8:12

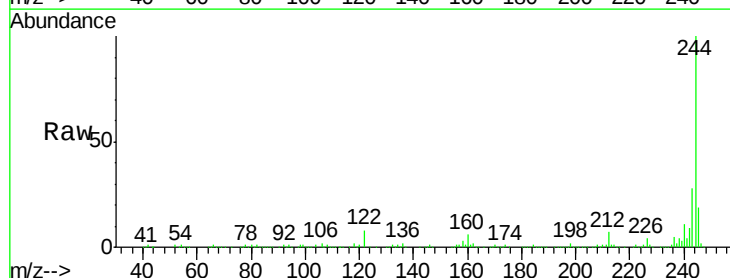
Tgt Ion:244 Resp: 859867

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

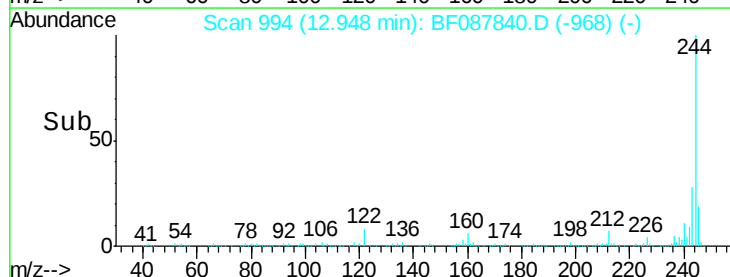
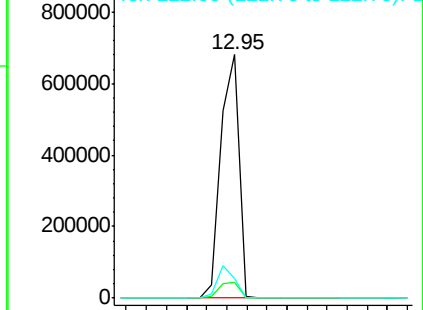
122 8.0 11.2 16.8#

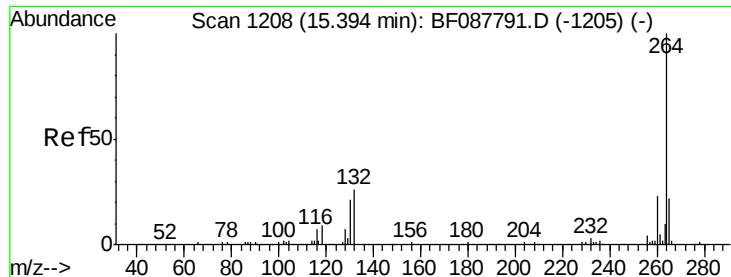


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



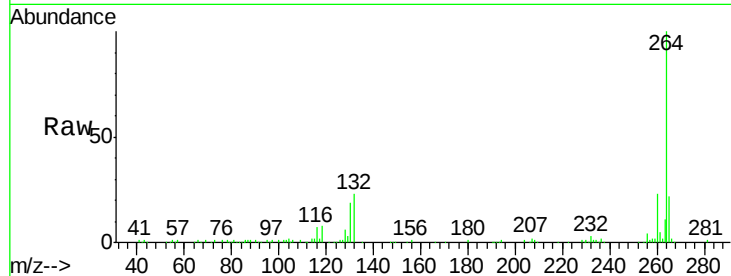


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF087840.D
Acq: 9 Jun 2016 8:12

Instrument :
BNA_F
ClientSampleId :
CH-STA-1725(0-4)

Tot Ion: 264 Resp: 166347

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.5	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

