

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088125.D
 Acq On : 18 Jun 2016 7:27
 Operator : UM/SJ
 Sample : H3574-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-2-6-10-16

Quant Time: Jun 20 00:51:01 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102505	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	395093	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	197176	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	355496	20.00	ng	0.00
75) Chrysene-d12	13.84	240	233162	20.00	ng	-0.01
86) Perylene-d12	15.22	264	192856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	337478	56.28	ng	0.02
7) Phenol-d6	6.35	99	277438	38.18	ng	0.00
23) Nitrobenzene-d5	7.27	82	497857	73.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	181928	87.38	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	861111	67.46	ng	-0.01
78) Terphenyl-d14	12.80	244	785403	76.65	ng	0.00

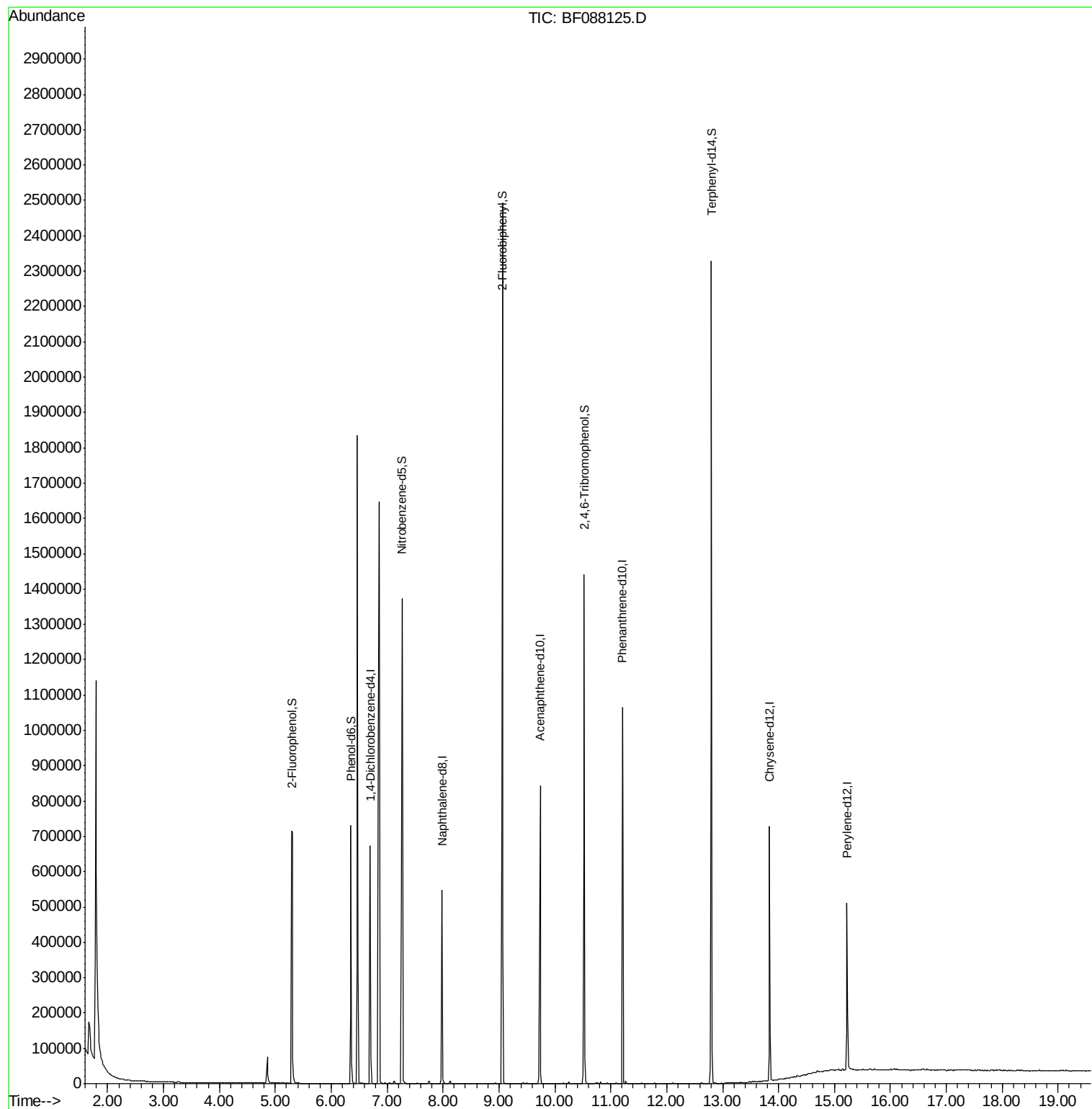
Target Compounds Qvalue

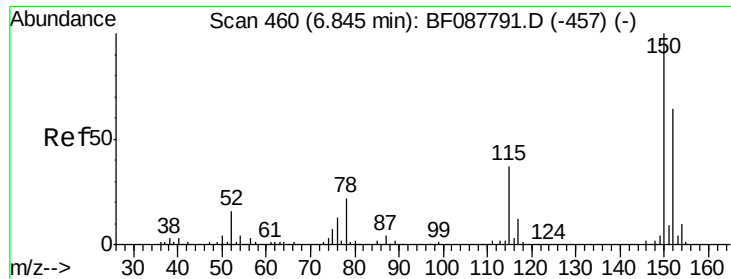
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088125.D
Acq On : 18 Jun 2016 7:27
Operator : UM/SJ
Sample : H3574-11
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MVILLE-FB-2-6-10-16

Quant Time: Jun 20 00:51:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

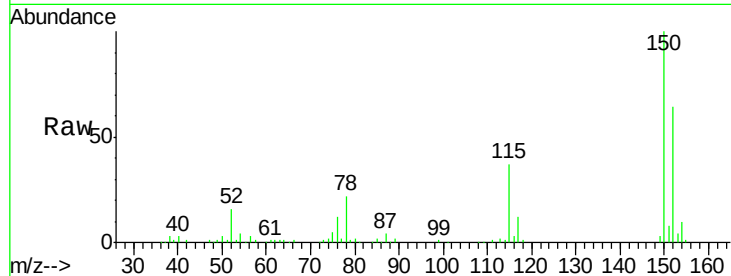




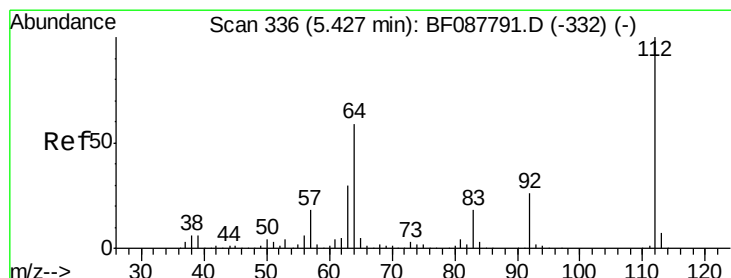
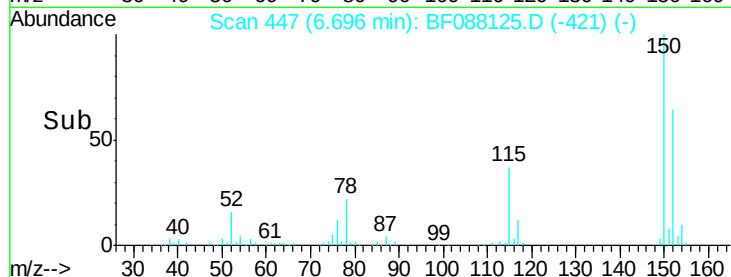
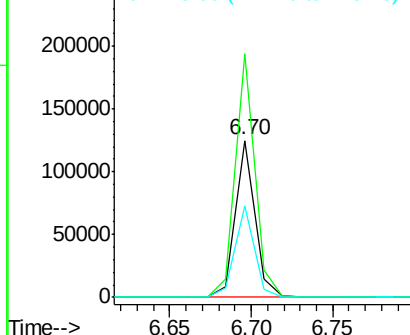
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF088125.D
 Acq: 18 Jun 2016 7:27

Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-2-6-10-16

Tot Ion:152 Resp: 102505
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.8 185.6
 115 58.1 39.6 59.4

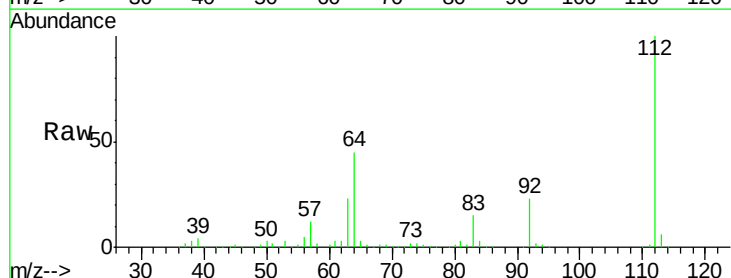


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

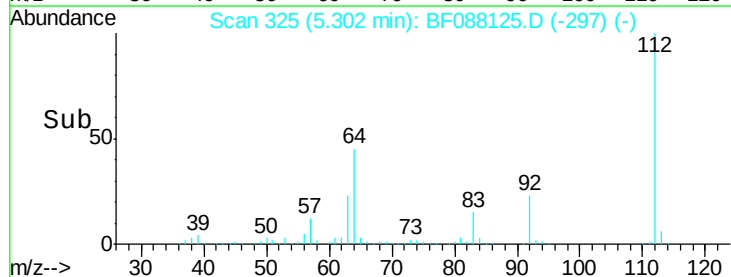
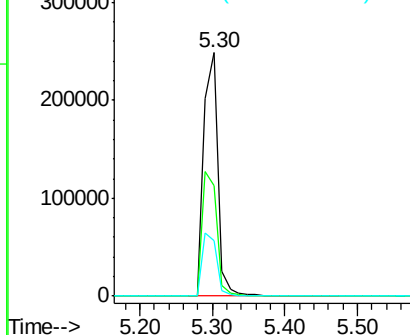


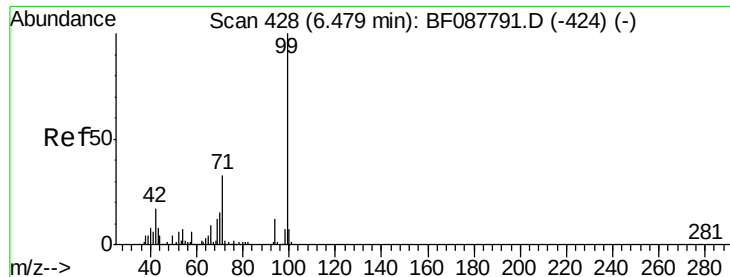
#5
 2-Fluorophenol
 Concen: 56.28 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.02 min
 Lab File: BF088125.D
 Acq: 18 Jun 2016 7:27

Tgt Ion:112 Resp: 337478
 Ion Ratio Lower Upper
 112 100
 64 45.2 42.2 63.2
 63 22.7 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: 38.18 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088125.D

Acq: 18 Jun 2016 7:27

Instrument :

BNA_F

ClientSampleId :

MVILLE-FB-2-6-10-16

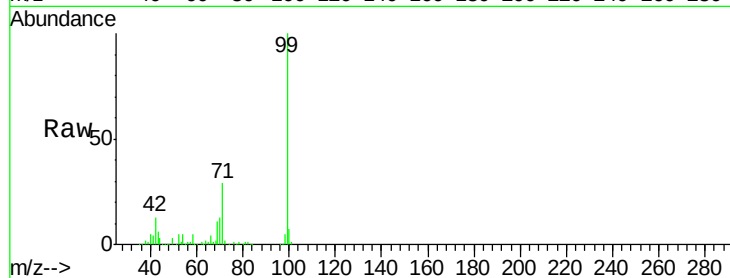
Tot Ion: 99 Resp: 277438

Ion Ratio Lower Upper

99 100

42 12.6 12.2 18.2

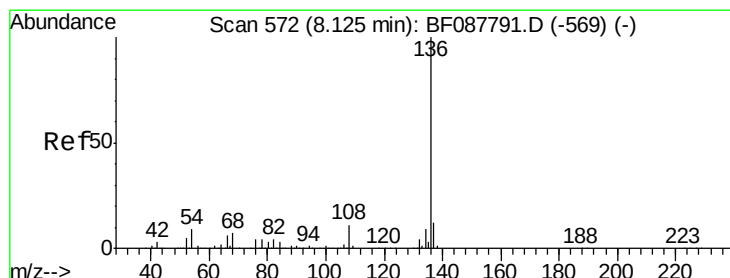
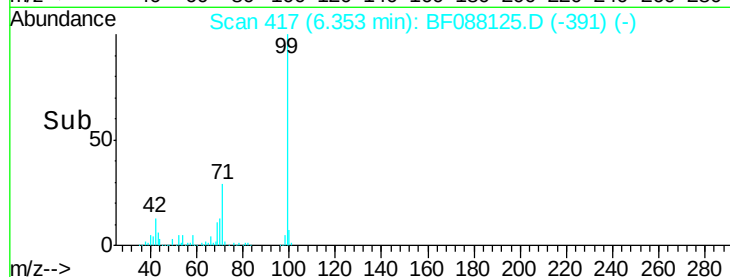
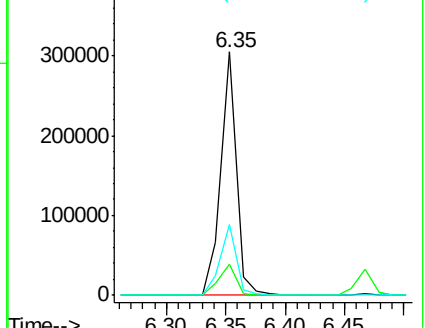
71 29.1 23.4 35.0



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: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088125.D

Acq: 18 Jun 2016 7:27

Tgt Ion: 136 Resp: 395093

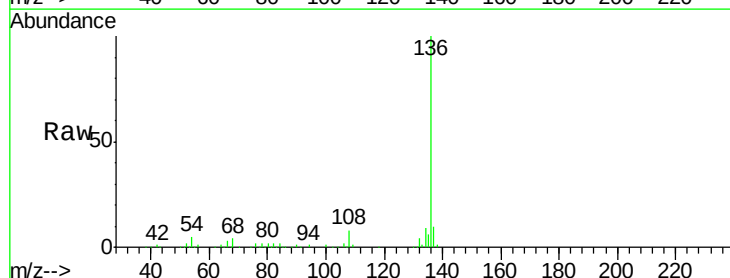
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 4.7 6.6 10.0#

68 4.1 5.1 7.7#

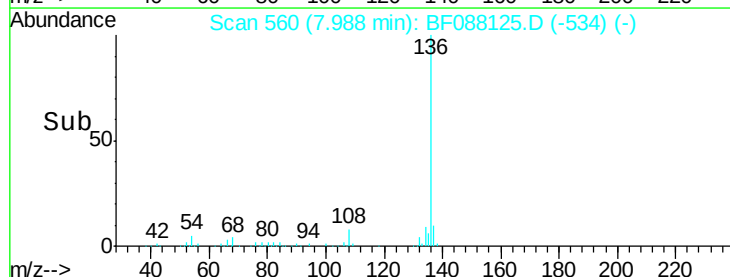
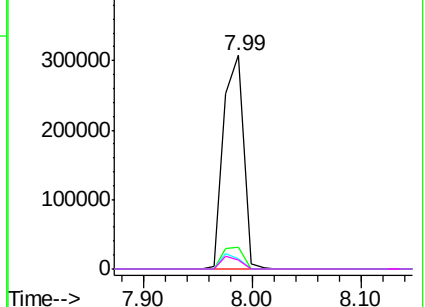


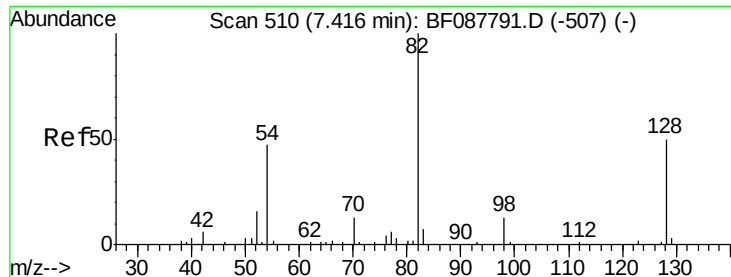
Abundance Ion 136.00 (135.70 to 136.70): E

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

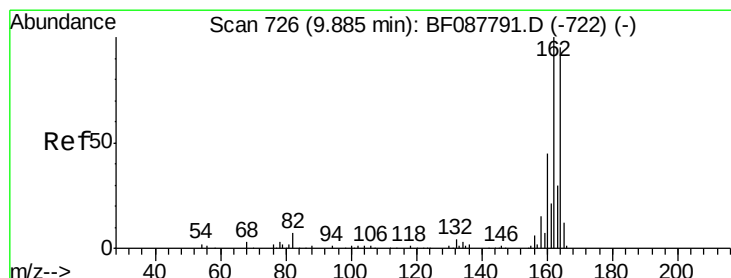
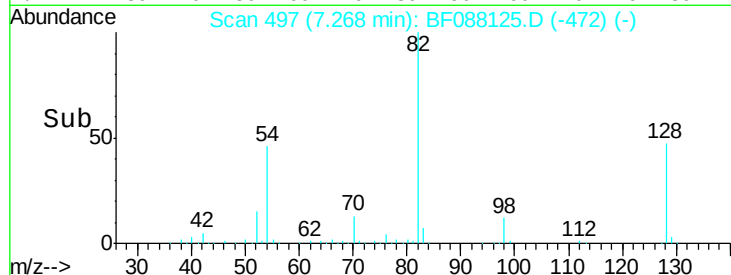
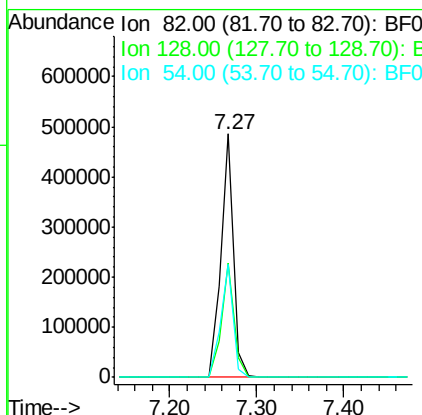
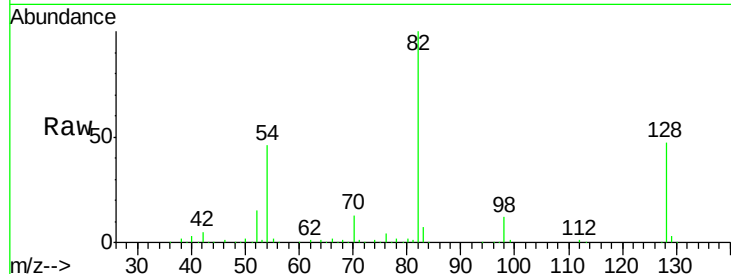




#23
 Nitrobenzene-d5
 Concen: 73.58 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088125.D
 Acq: 18 Jun 2016 7:27

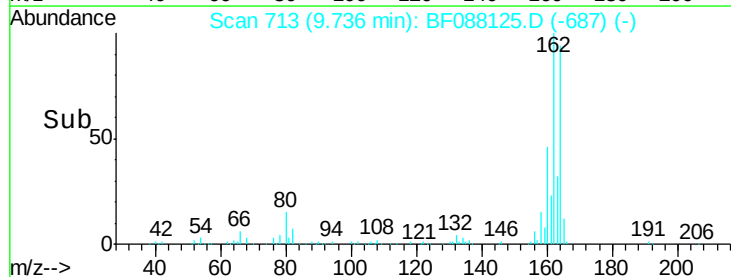
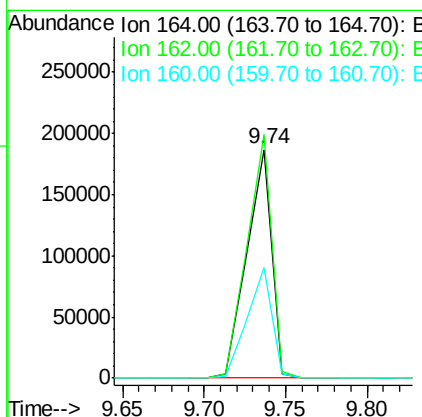
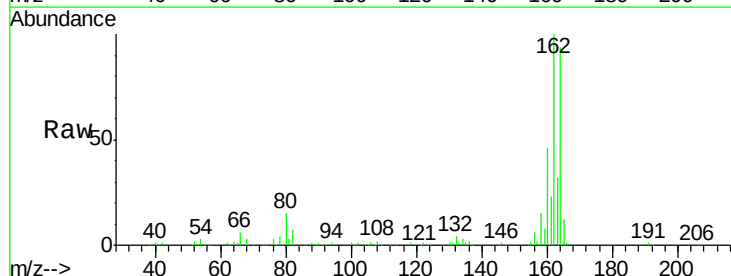
Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-2-6-10-16

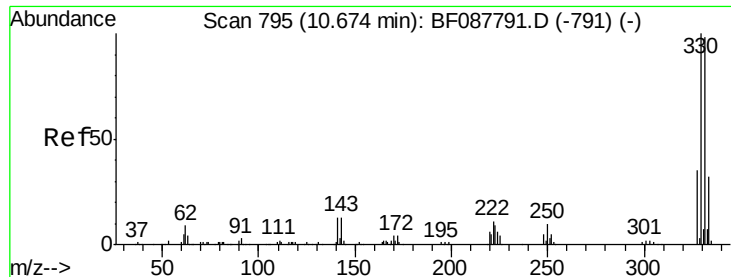
Tot Ion	82	Resp	497857
Ion Ratio	100	Lower	Upper
128	47.0	35.9	53.9
54	46.3	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF088125.D
 Acq: 18 Jun 2016 7:27

Tgt Ion	164	Resp	197176
Ion Ratio	100	Lower	Upper
162	106.5	85.4	128.2
160	48.6	39.5	59.3





#41

2,4,6-Tribromophenol

Concen: 87.38 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF088125.D

Acq: 18 Jun 2016 7:27

Instrument :

BNA_F

ClientSampleId :

MVIL-FB-2-6-10-16

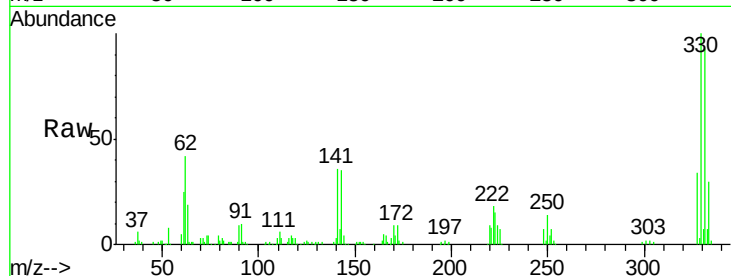
Tot Ion:330 Resp: 181928

Ion Ratio Lower Upper

330 100

332 93.7 0.0 0.0#

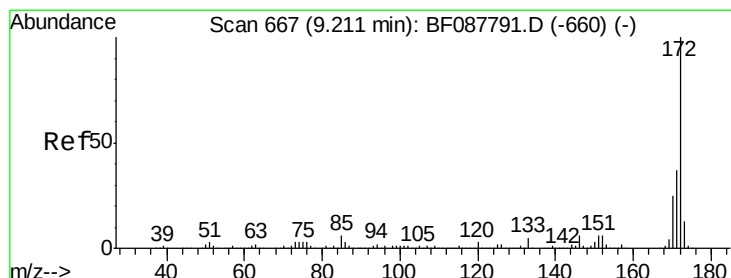
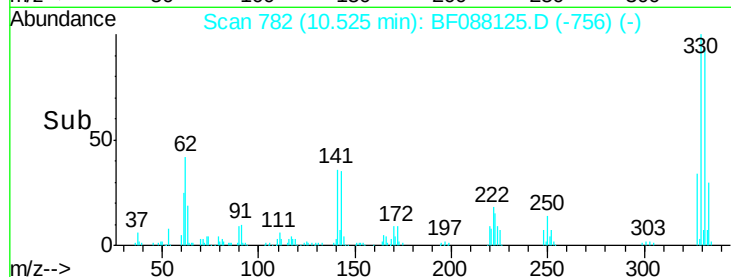
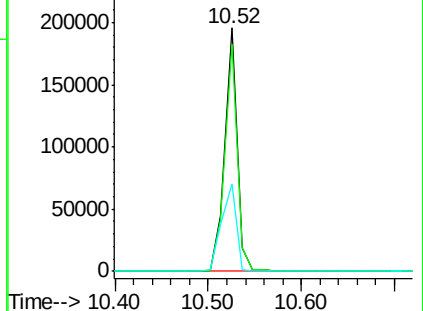
141 42.3 0.0 0.0#



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: 67.46 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF088125.D

Acq: 18 Jun 2016 7:27

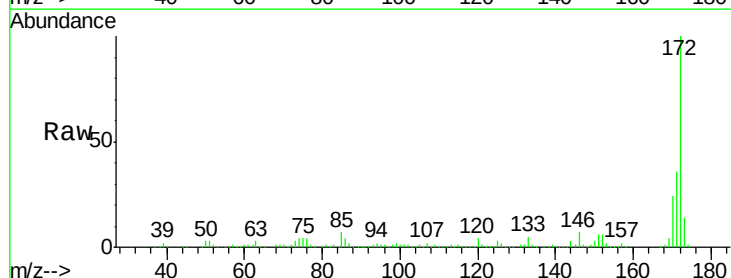
Tgt Ion:172 Resp: 861111

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

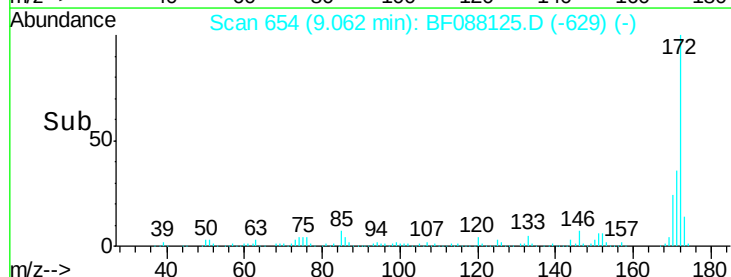
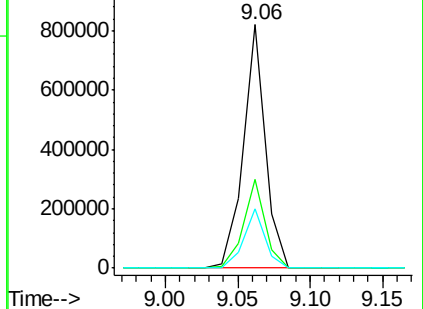
170 24.3 19.2 28.8

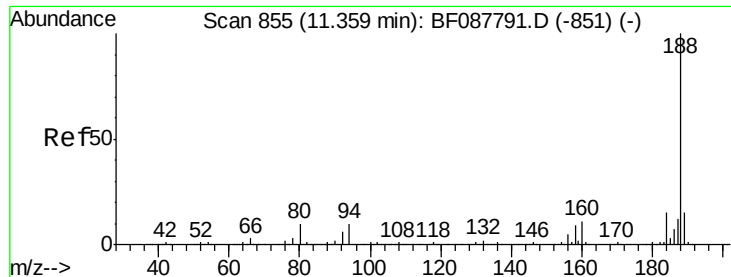


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

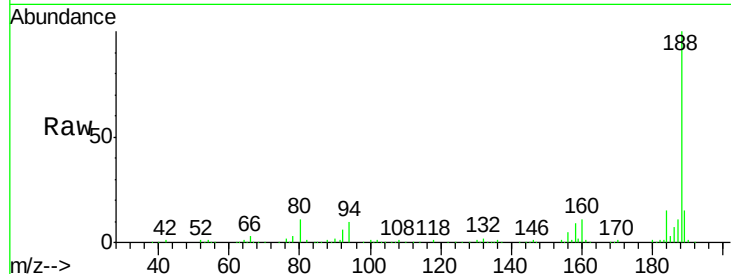




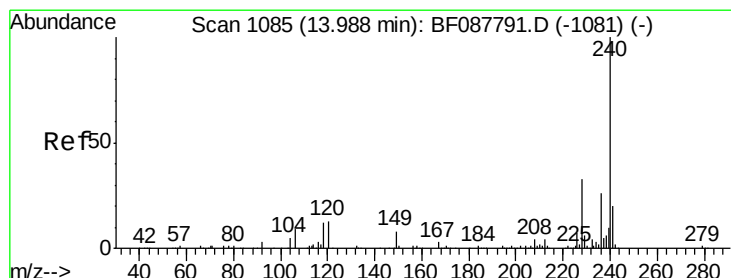
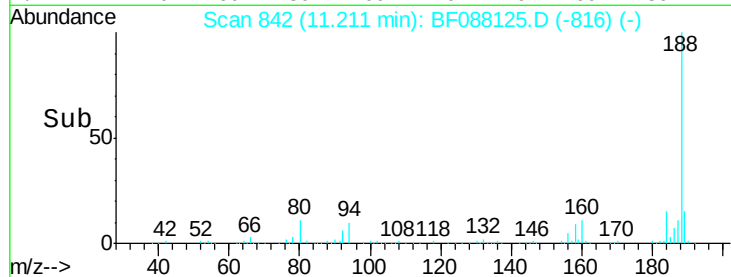
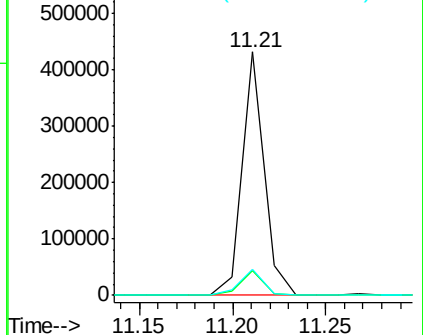
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF088125.D
Acq: 18 Jun 2016 7:27

Instrument :
BNA_F
ClientSampleId :
MVILLE-FB-2-6-10-16

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.6
80	10.7	10.0	15.0

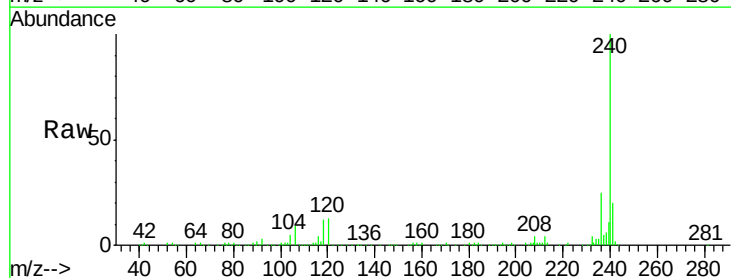


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

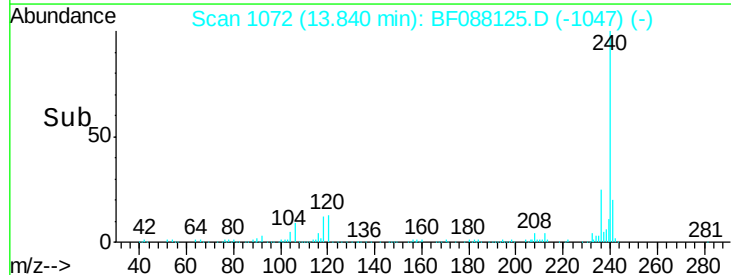
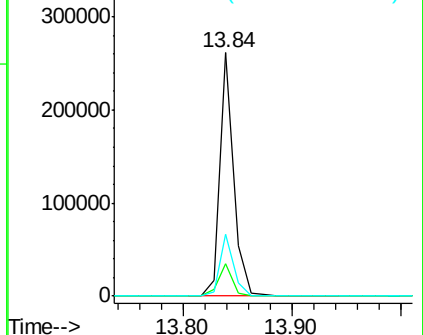


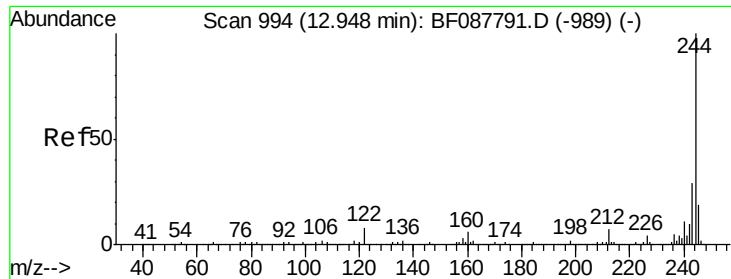
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088125.D
Acq: 18 Jun 2016 7:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	6.8	10.2#
236	25.4	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

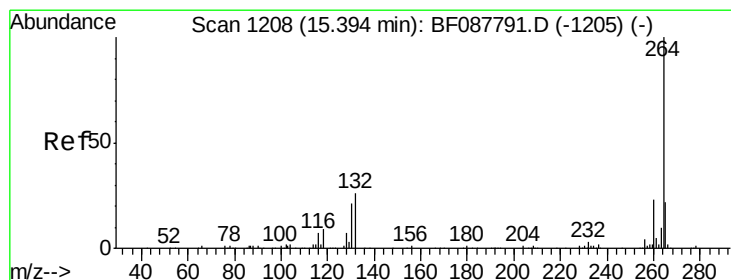
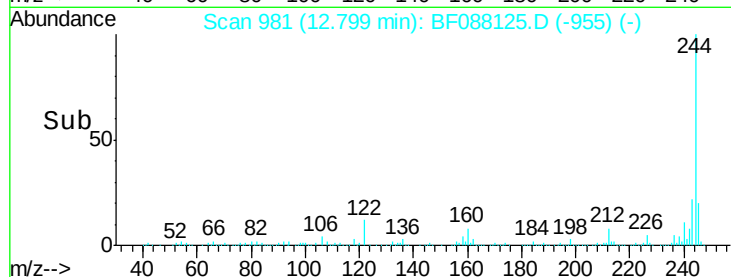
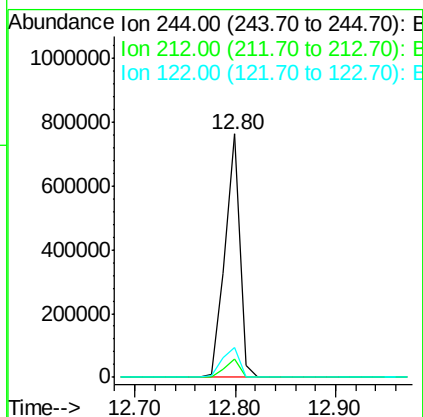
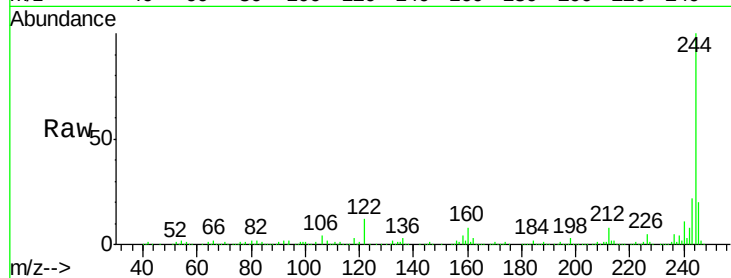




#78
 Terphenyl-d14
 Concen: 76.65 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088125.D
 Acq: 18 Jun 2016 7:27

Instrument :
 BNA_F
 ClientSampleId :
 MVILLE-FB-2-6-10-16

Tot Ion:244 Resp: 785403
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.4 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088125.D
 Acq: 18 Jun 2016 7:27

Tgt Ion:264 Resp: 192856
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 16.9 25.3

