

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088220.D
 Acq On : 21 Jun 2016 18:47
 Operator : UM/SJ
 Sample : H3697-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-06202016

Quant Time: Jun 21 19:21:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	81679	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	304976	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	142220	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	284222	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	226915	20.00	ng	-0.01
86) Perylene-d12	15.17	264	169879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	278098	58.21	ng	-0.01
7) Phenol-d6	6.30	99	211636	36.55	ng	-0.03
23) Nitrobenzene-d5	7.22	82	442170	84.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	174164	115.98	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	813964	90.25	ng	-0.02
78) Terphenyl-d14	12.75	244	810480	81.28	ng	-0.01

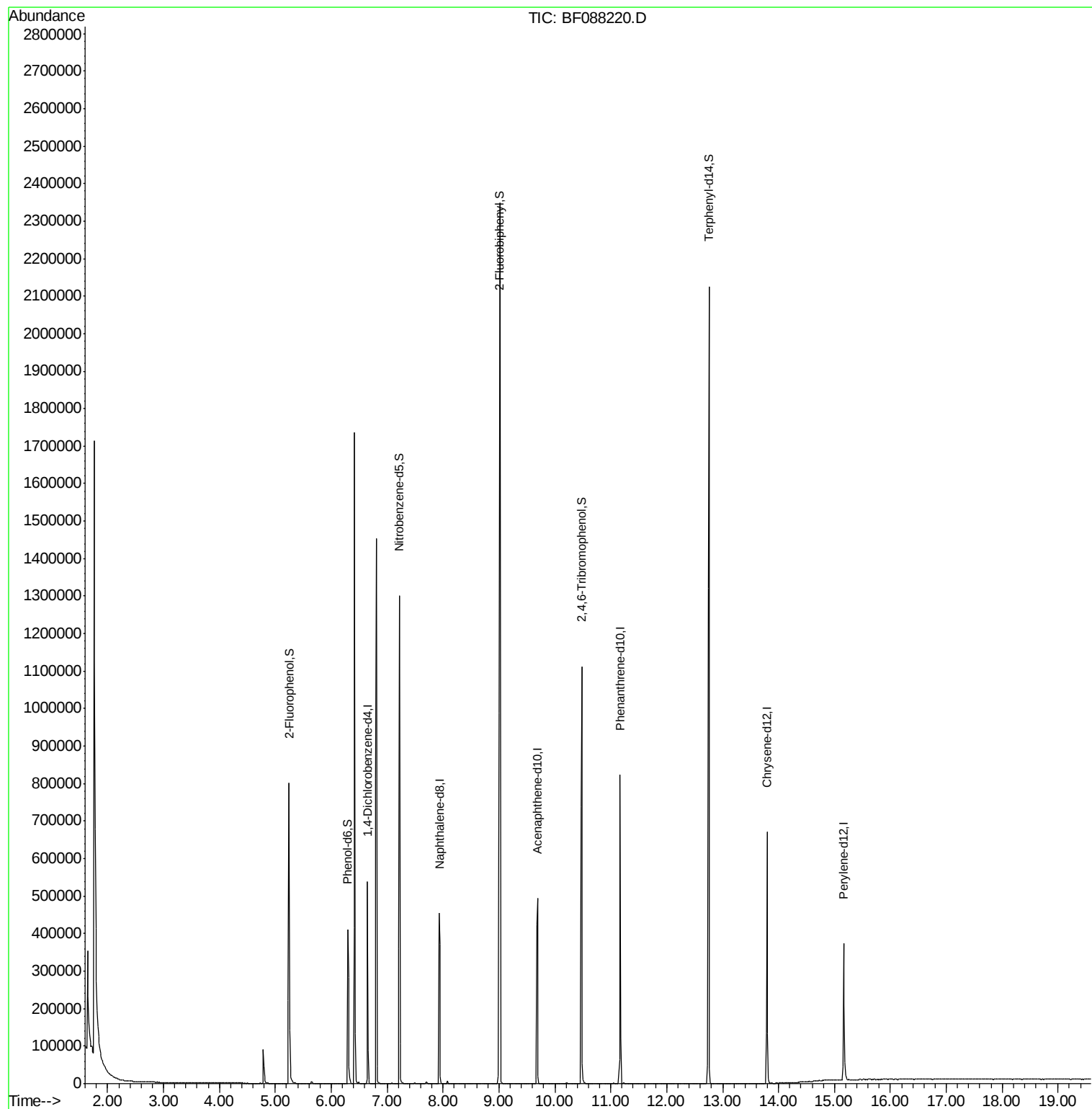
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF088220.D

Acq: 21 Jun 2016 18:47

Instrument :

BNA_F

ClientSampleId :

FB-06202016

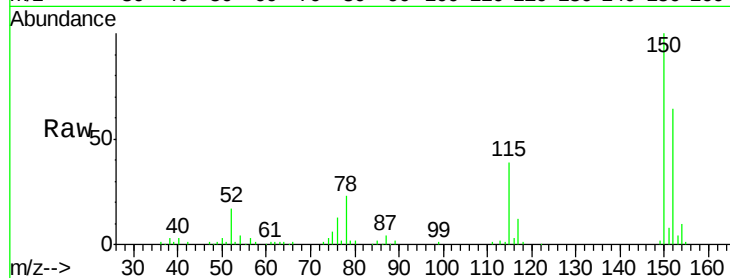
Tot Ion:152 Resp: 81679

Ion Ratio Lower Upper

152 100

150 157.2 123.8 185.6

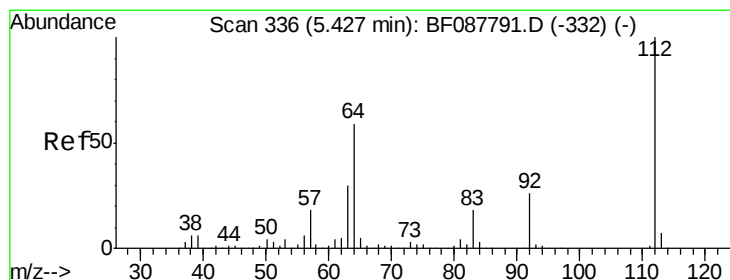
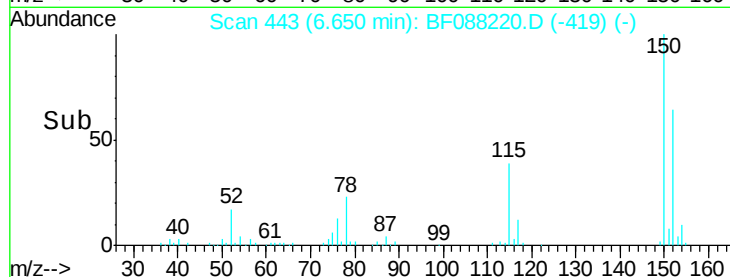
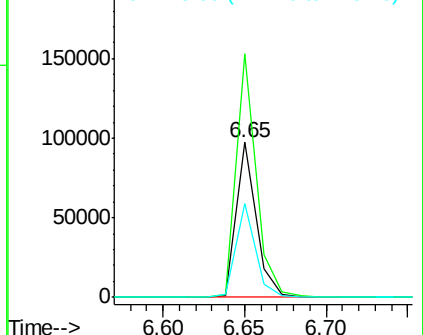
115 60.7 39.6 59.4#



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: 58.21 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF088220.D

Acq: 21 Jun 2016 18:47

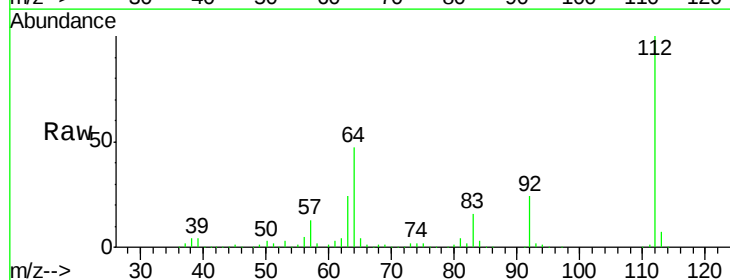
Tgt Ion:112 Resp: 278098

Ion Ratio Lower Upper

112 100

64 47.4 42.2 63.2

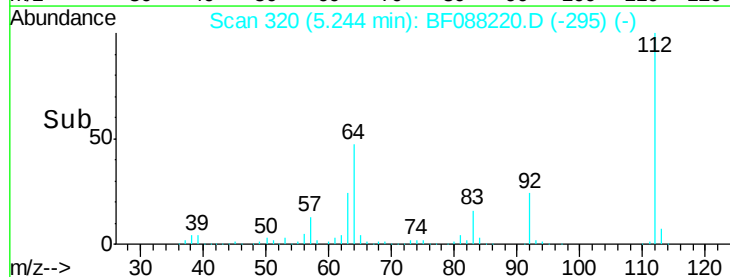
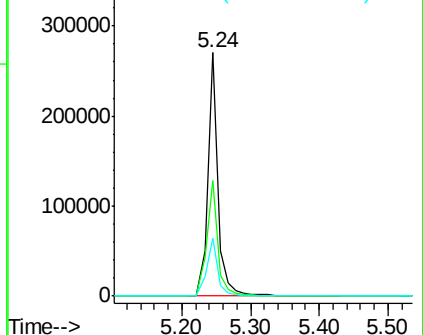
63 23.9 21.8 32.8

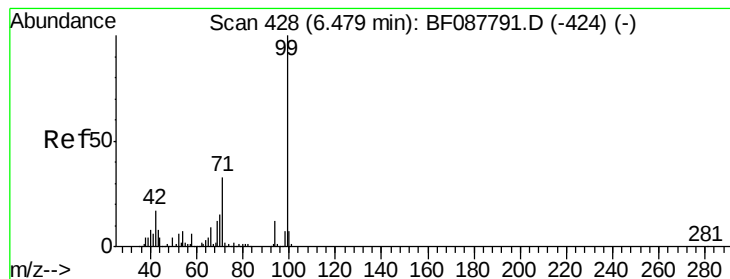


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.55 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF088220.D

Acq: 21 Jun 2016 18:47

Instrument :

BNA_F

ClientSampleId :

FB-06202016

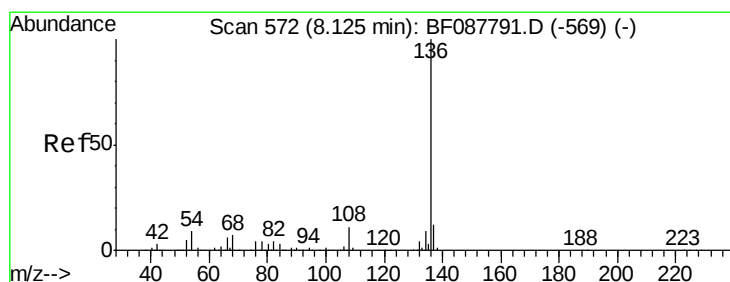
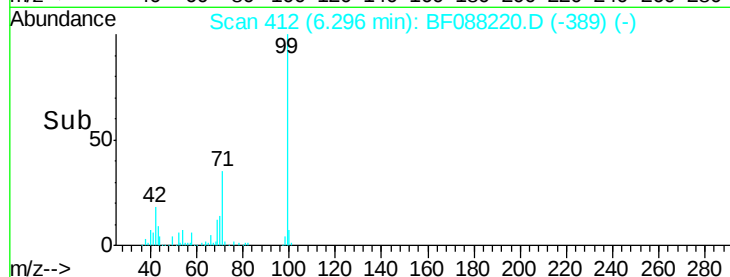
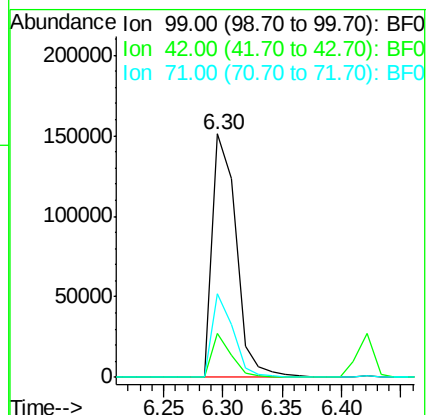
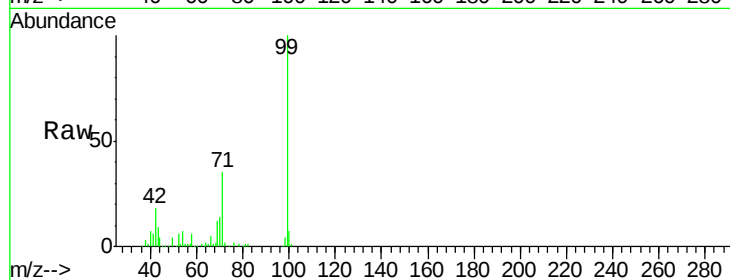
Tot Ion: 99 Resp: 211636

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 34.5 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF088220.D

Acq: 21 Jun 2016 18:47

Tgt Ion: 136 Resp: 304976

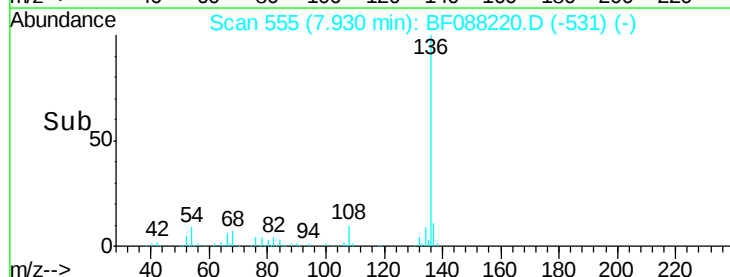
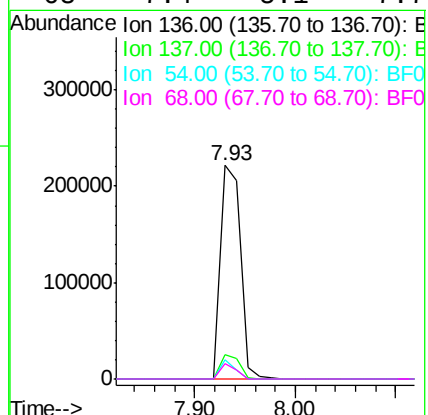
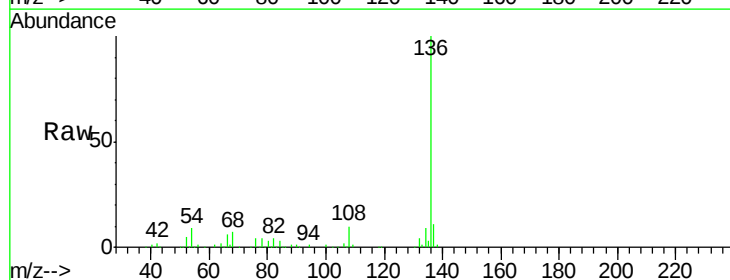
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

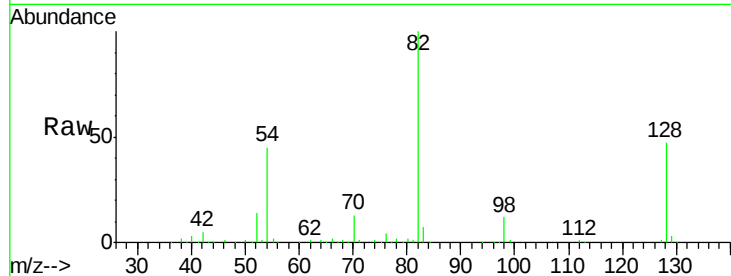




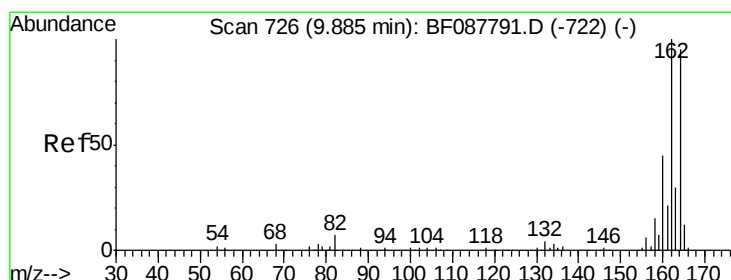
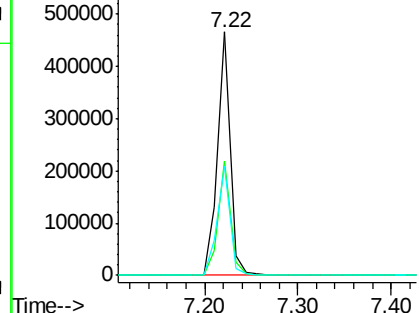
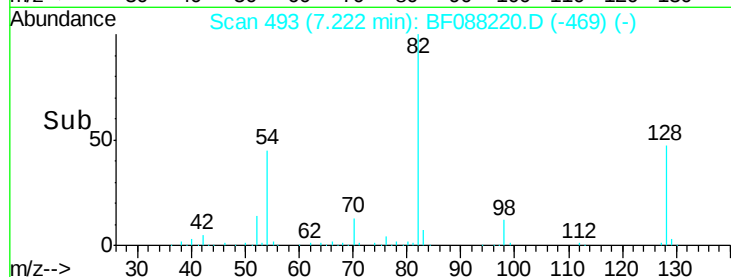
#23
 Nitrobenzene-d5
 Concen: 84.66 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF088220.D
 Acq: 21 Jun 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FB-06202016

Tot Ion	82	Resp	442170
Ion Ratio	Lower	Upper	
82	100		
128	47.2	35.9	53.9
54	45.1	40.9	61.3

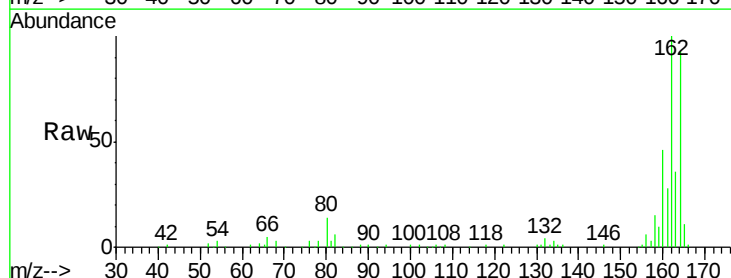


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

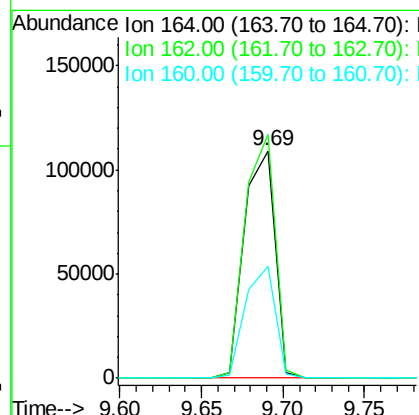
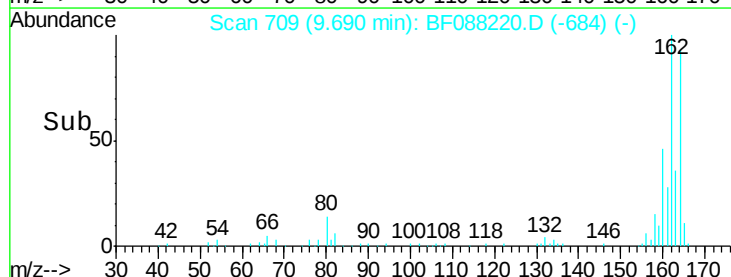


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF088220.D
 Acq: 21 Jun 2016 18:47

Tgt Ion	164	Resp	142220
Ion Ratio	Lower	Upper	
164	100		
162	107.2	85.4	128.2
160	49.2	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

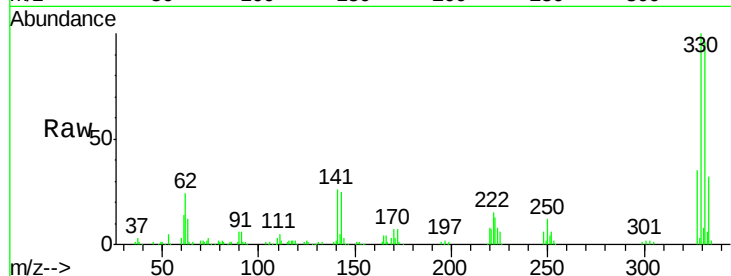




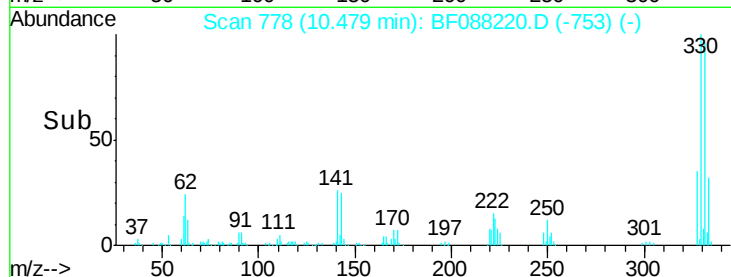
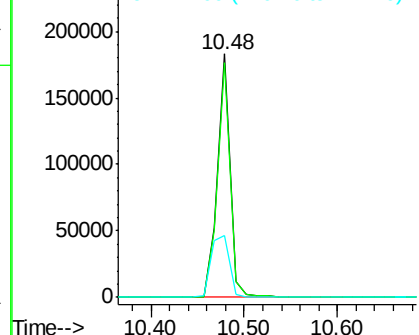
#41
 2,4,6-Tribromophenol
 Concen: 115.98 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF088220.D
 Acq: 21 Jun 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FB-06202016

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	37.0	0.0	0.0#

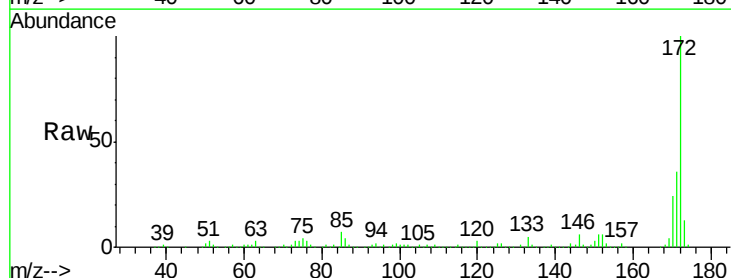


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

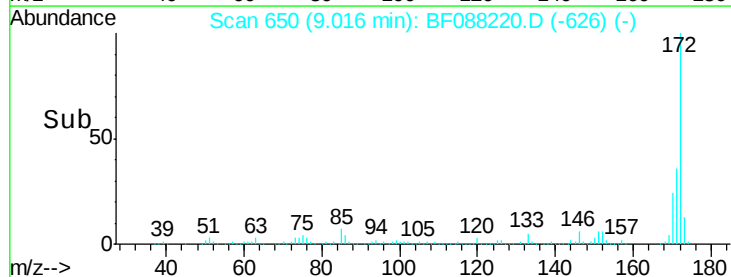
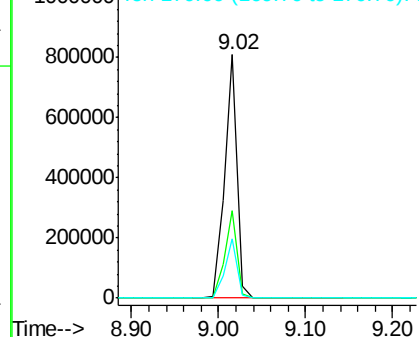


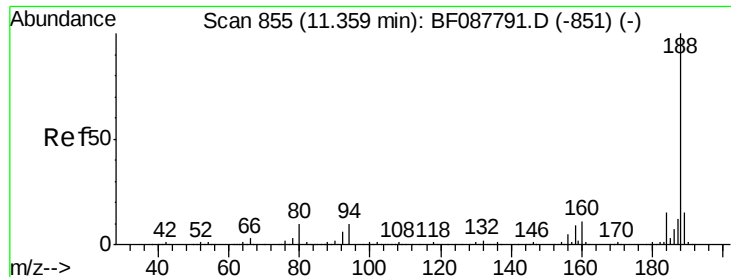
#44
 2-Fluorobiphenyl
 Concen: 90.25 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.02 min
 Lab File: BF088220.D
 Acq: 21 Jun 2016 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	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

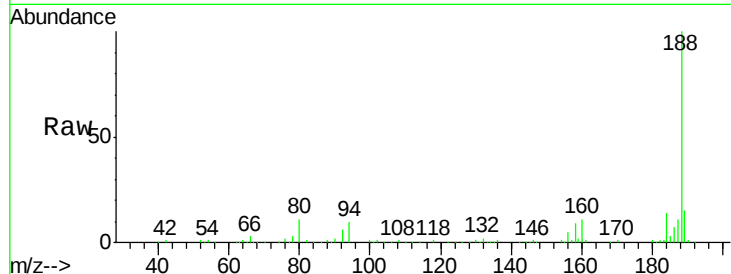




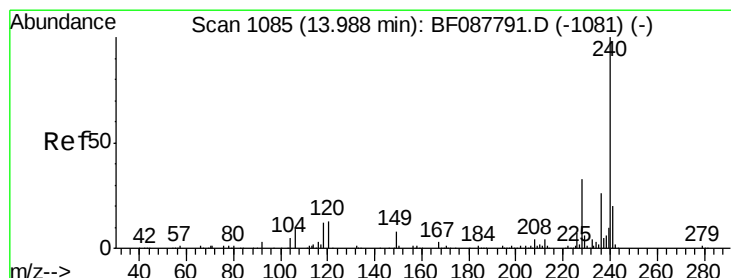
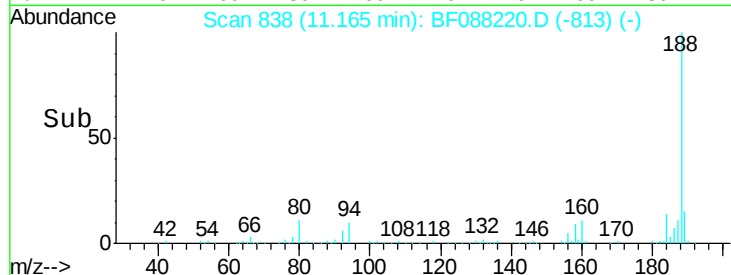
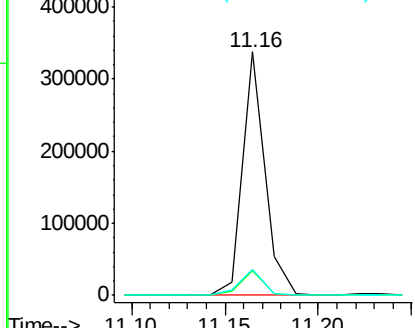
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088220.D
Acq: 21 Jun 2016 18:47

Instrument :
BNA_F
ClientSampleId :
FB-06202016

Tot Ion:188 Resp: 284222
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.6
80 10.7 10.0 15.0

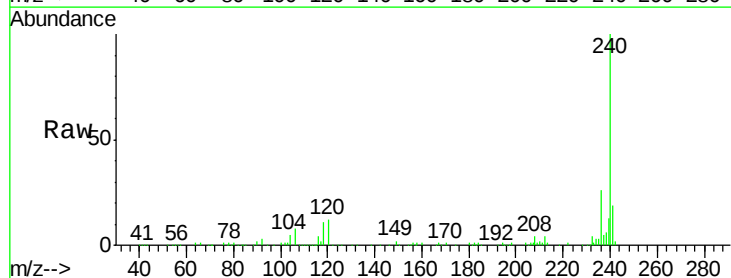


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

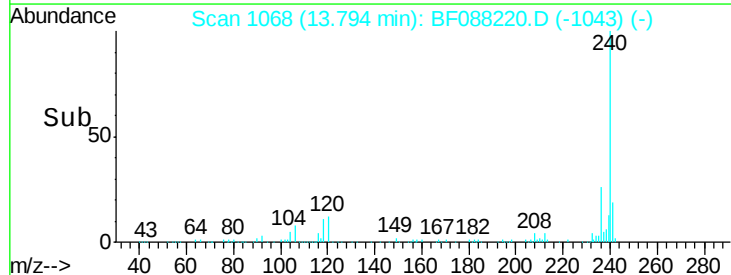
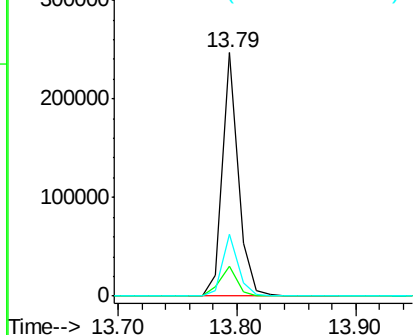


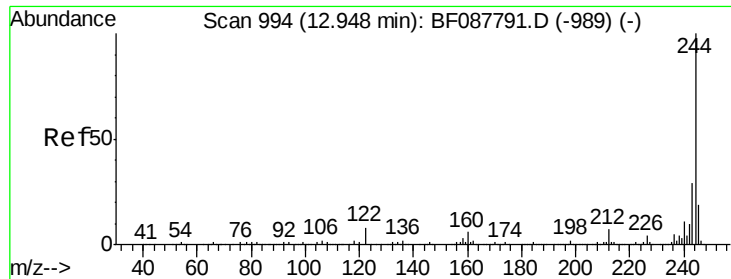
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088220.D
Acq: 21 Jun 2016 18:47

Tgt Ion:240 Resp: 226915
Ion Ratio Lower Upper
240 100
120 12.3 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

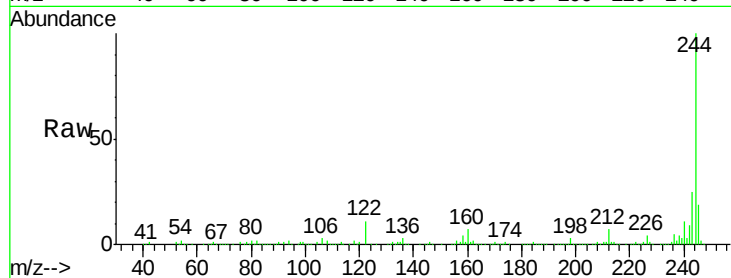




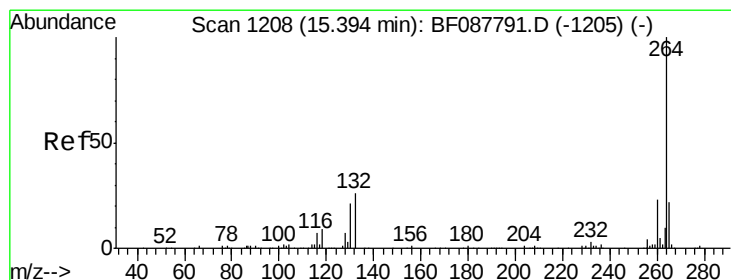
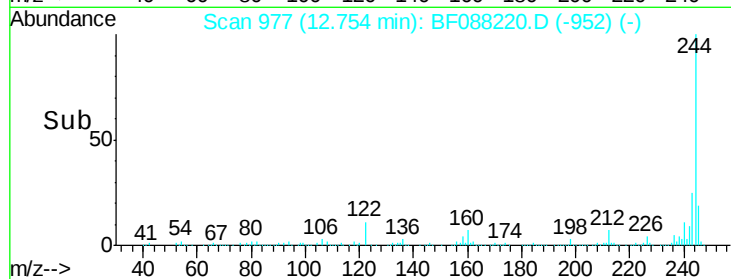
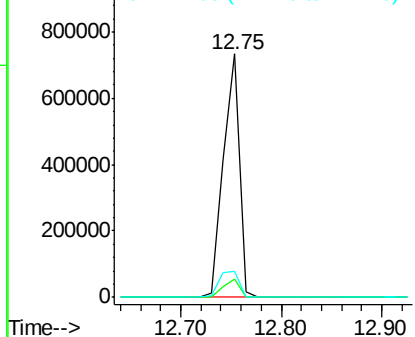
#78
 Terphenyl-d14
 Concen: 81.28 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088220.D
 Acq: 21 Jun 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 FB-06202016

Tot Ion:244 Resp: 810480
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.8 11.2 16.8#

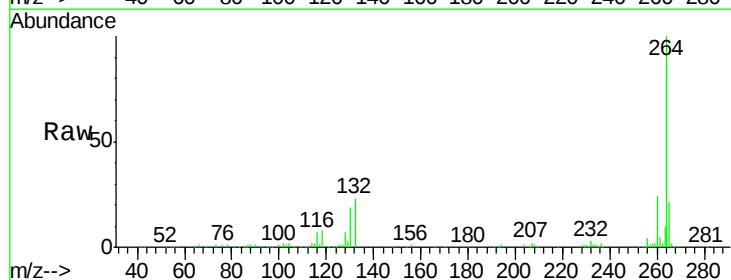


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF088220.D
 Acq: 21 Jun 2016 18:47

Tgt Ion:264 Resp: 169879
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 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

