

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082814.D
 Acq On : 8 Nov 2015 1:07
 Operator : UM/IZ
 Sample : G4280-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Quant Time: Nov 09 01:26:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	208455	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	712782	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	370171	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	575115	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	451627	20.00	ng	-0.01
86) Perylene-d12	15.44	264	387352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1457563	108.79	ng	0.02
7) Phenol-d6	6.50	99	1888019	106.00	ng	0.02
23) Nitrobenzene-d5	7.41	82	1224400	74.74	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	413933	97.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2069015	80.11	ng	0.00
78) Terphenyl-d14	12.97	244	1550186	81.41	ng	0.00

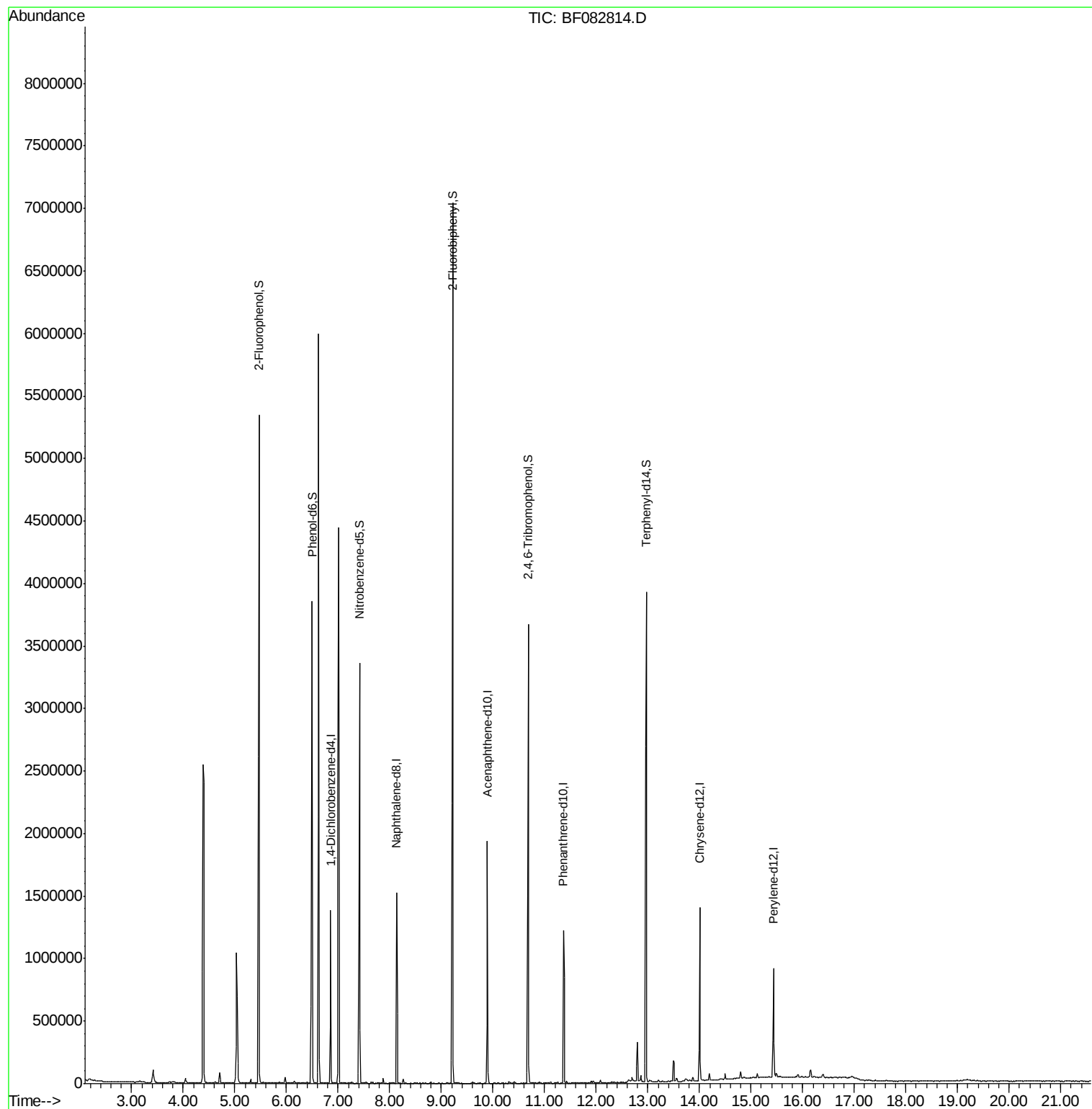
Target Compounds Qvalue

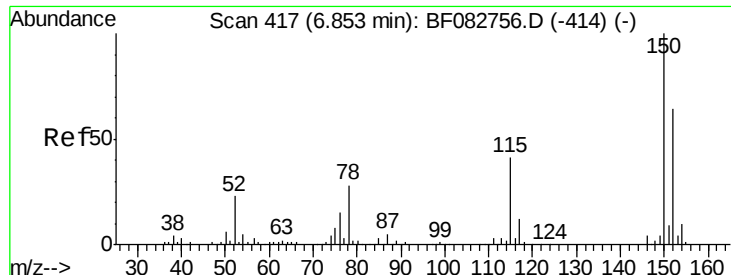
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Instrument :

BNA_F

ClientSampled :

BSL-001

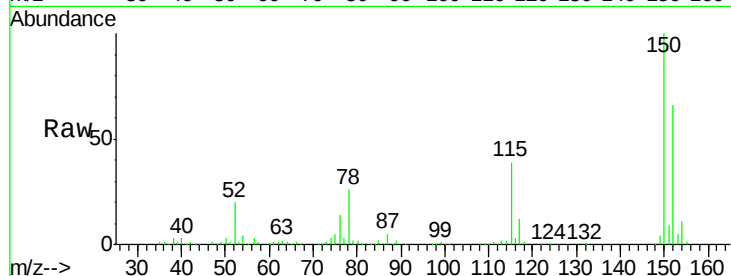
Tot Ion:152 Resp: 208455

Ion Ratio Lower Upper

152 100

150 151.3 127.0 190.4

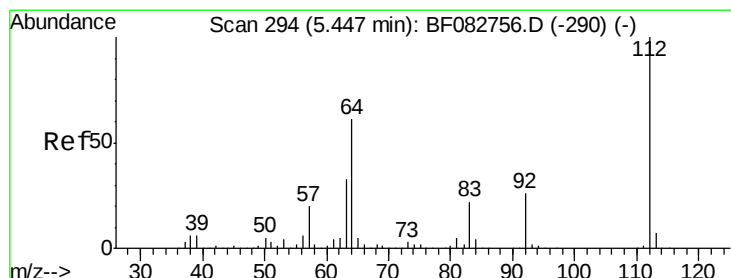
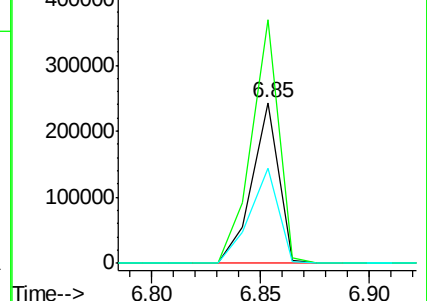
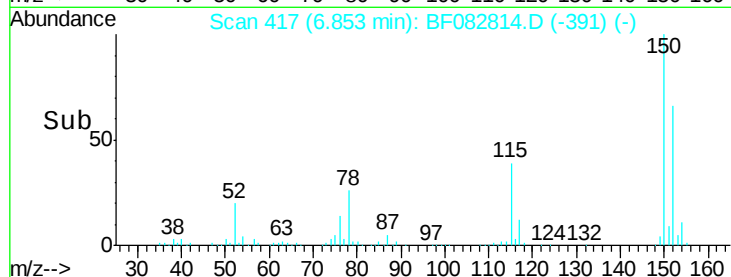
115 59.2 47.0 70.6



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: 108.79 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

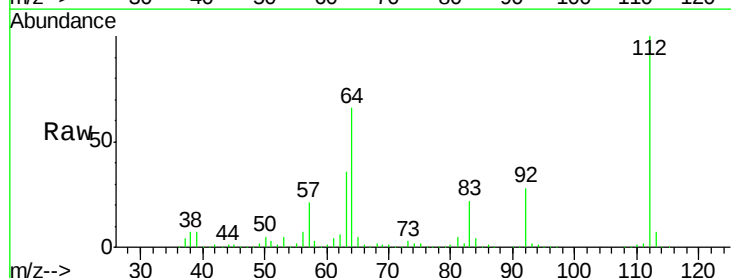
Tgt Ion:112 Resp: 1457563

Ion Ratio Lower Upper

112 100

64 65.9 48.9 73.3

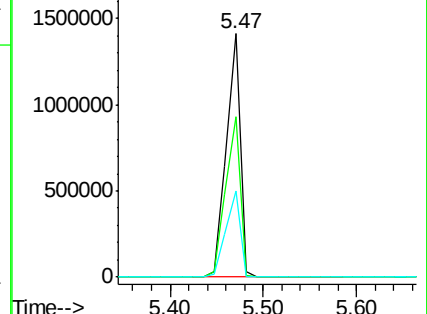
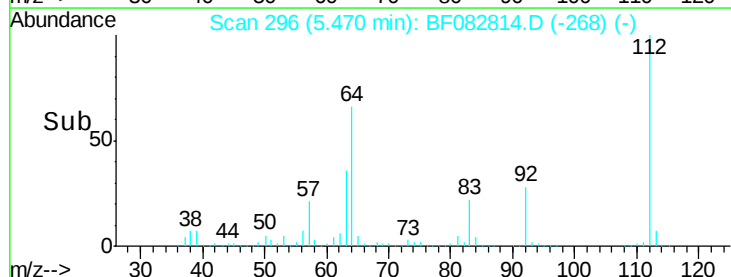
63 35.6 28.1 42.1

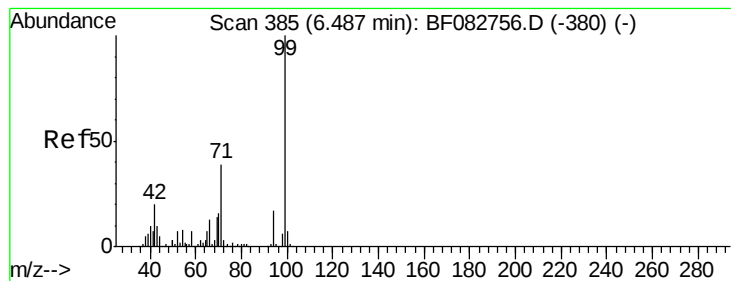


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.00 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Instrument :

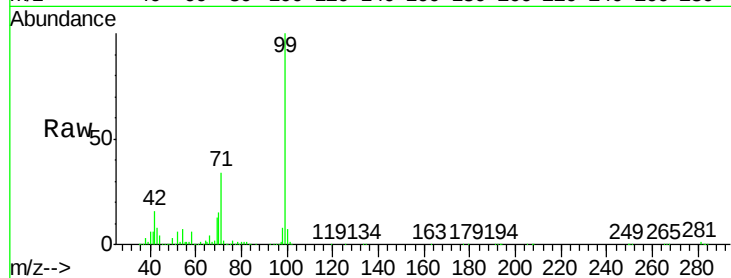
BNA_F

ClientSampleId :

BSL-001

Tot Ion: 99 Resp: 1888019

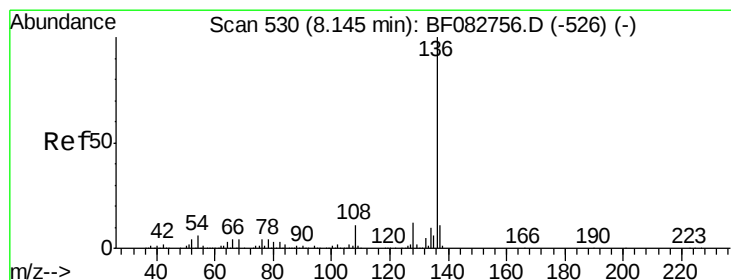
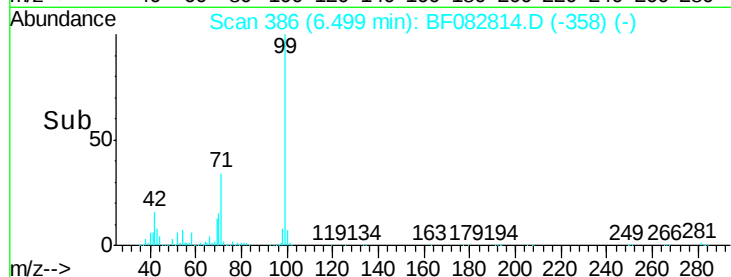
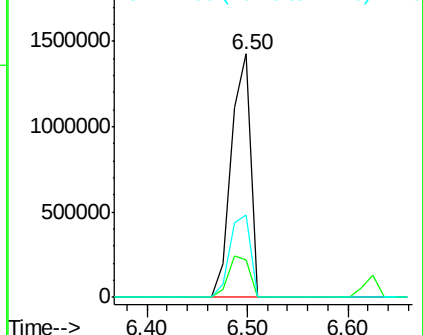
Ion	Ratio	Lower	Upper
99	100		
42	15.6	19.2	28.8#
71	33.8	35.0	52.4#



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: 8.13 min Scan# 529

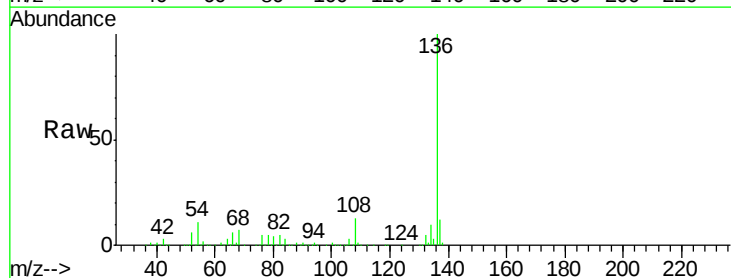
Delta R.T. -0.01 min

Lab File: BF082814.D

Acq: 8 Nov 2015 1:07

Tgt Ion: 136 Resp: 712782

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.7	9.1	13.7
68	7.0	4.8	7.2

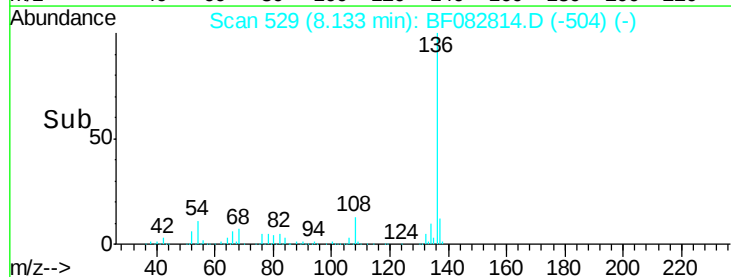
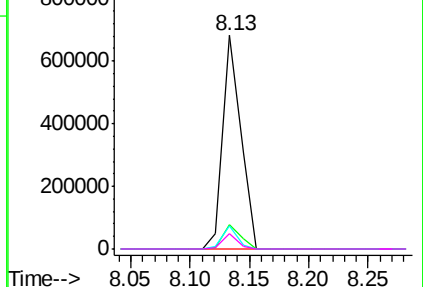


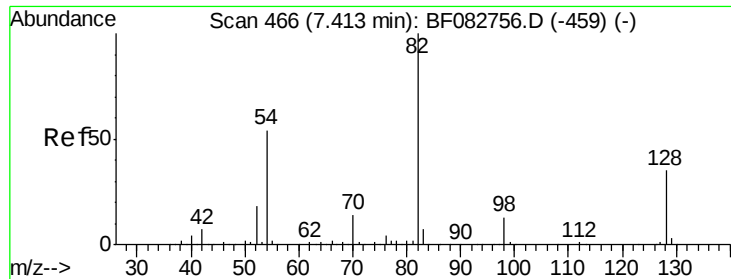
Abundance Ion 136.00 (135.70 to 136.70): E

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

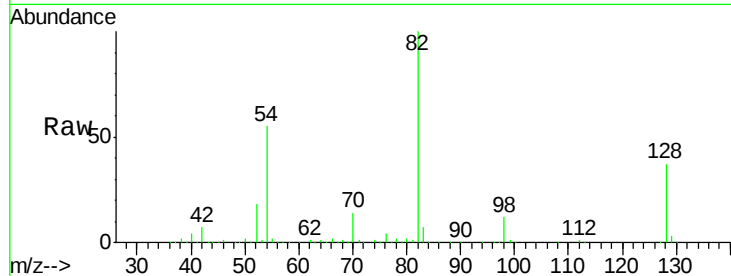




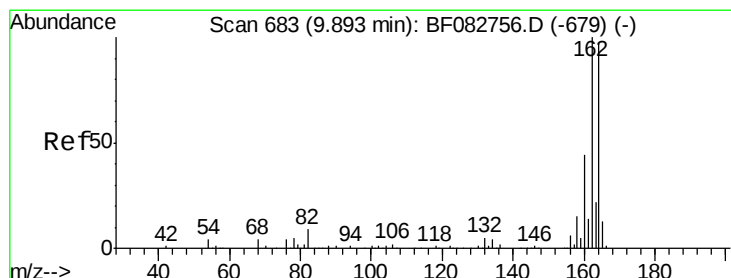
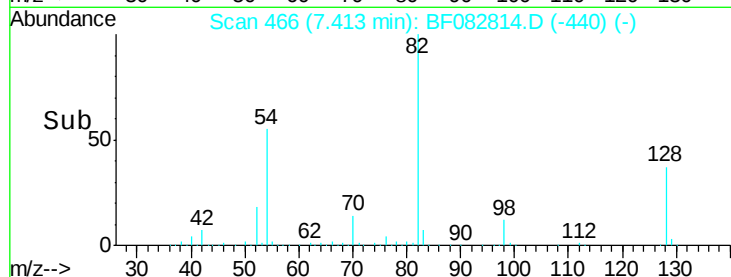
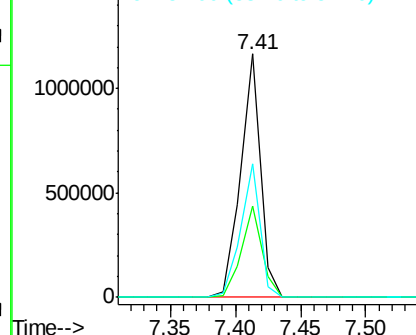
#23
 Nitrobenzene-d5
 Concen: 74.74 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tot Ion: 82 Resp: 1224400
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 54.7 45.7 68.5

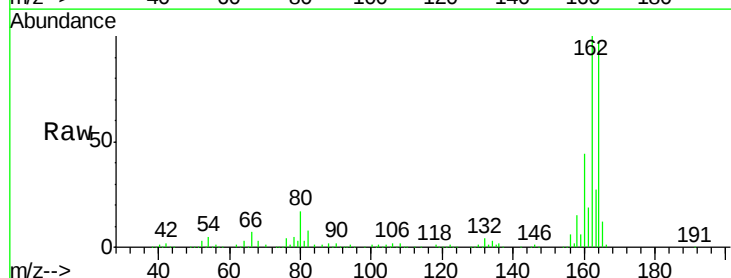


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

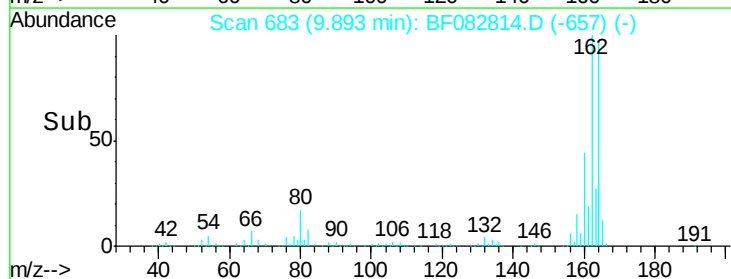
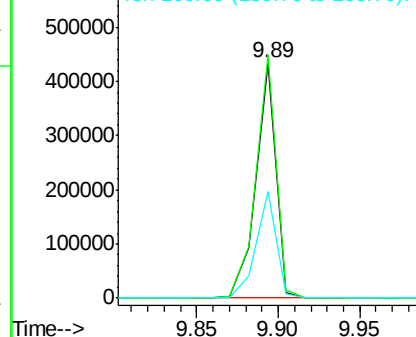


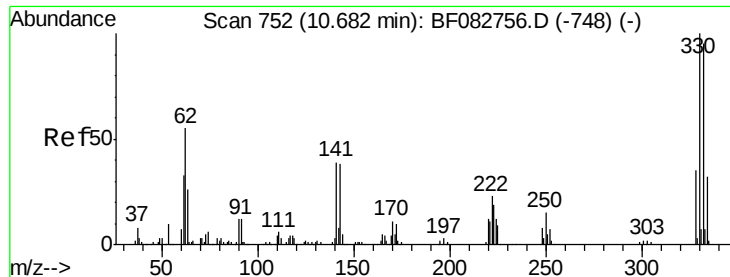
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion:164 Resp: 370171
 Ion Ratio Lower Upper
 164 100
 162 103.5 84.9 127.3
 160 45.4 37.5 56.3



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

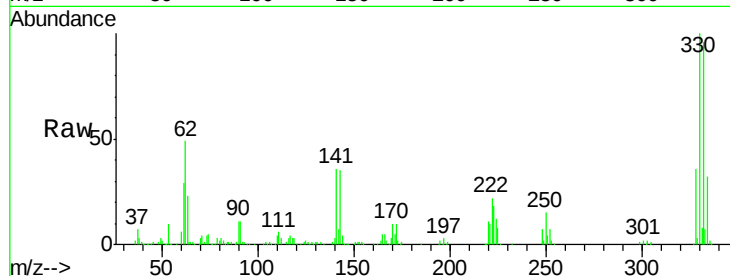




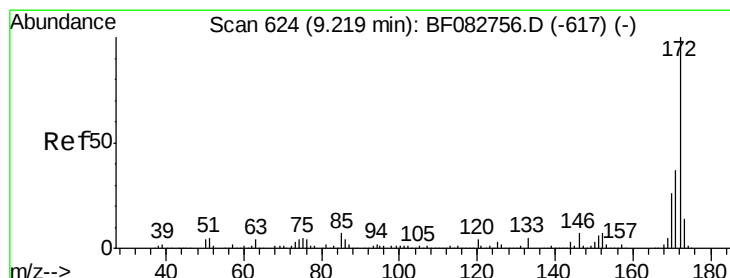
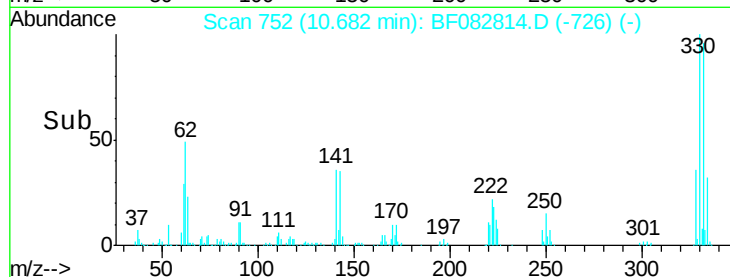
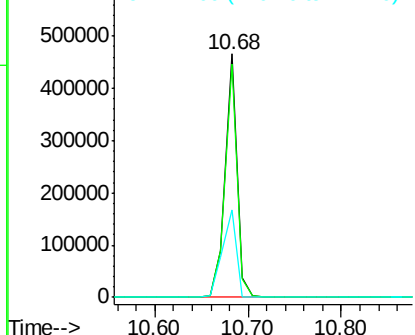
#41
 2,4,6-Tribromophenol
 Concen: 97.53 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tot Ion:330 Resp: 413933
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 42.0 41.2 61.8

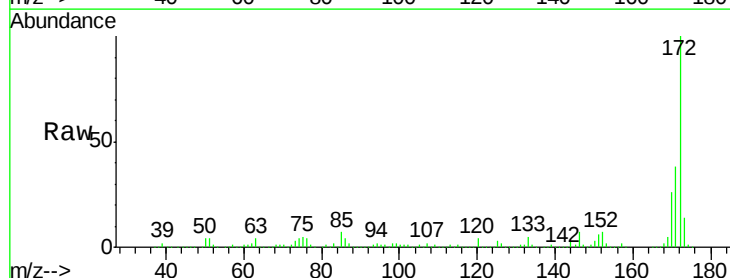


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

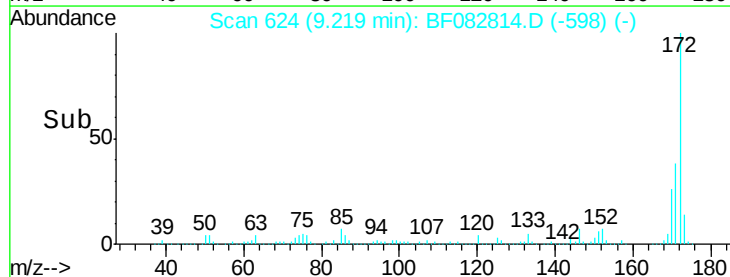
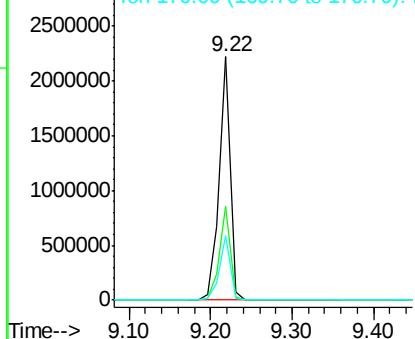


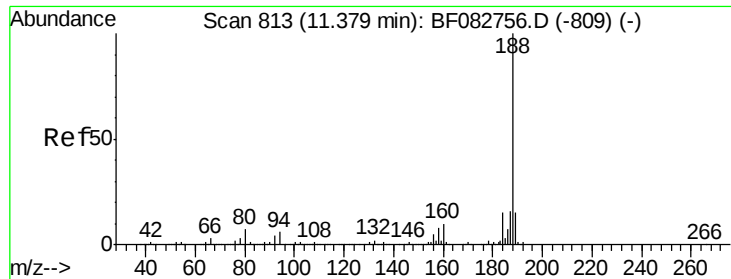
#44
 2-Fluorobiphenyl
 Concen: 80.11 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion:172 Resp: 2069015
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.8 46.2
 170 26.3 21.2 31.8



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

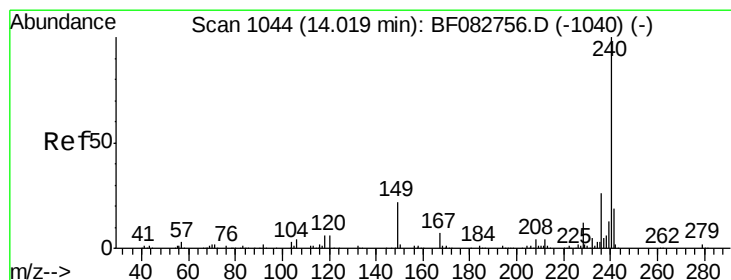
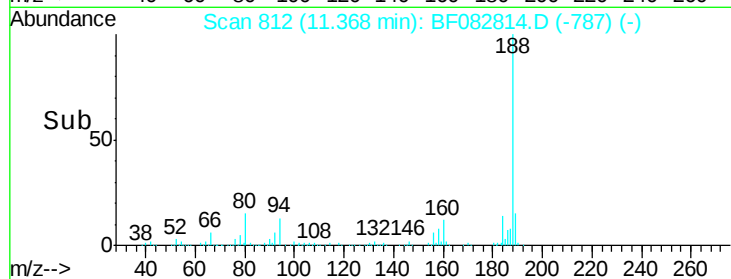
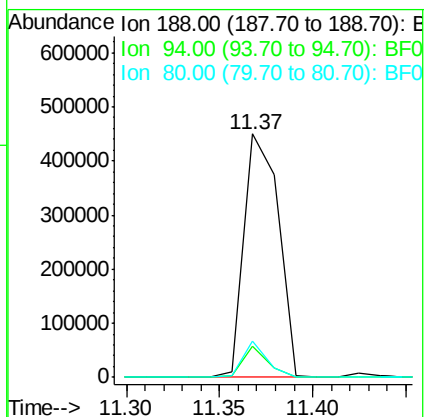
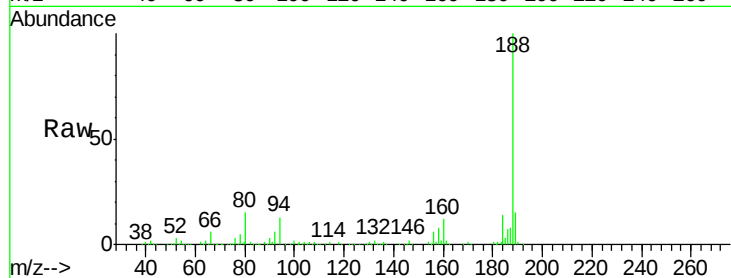




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082814.D
Acq: 8 Nov 2015 1:07

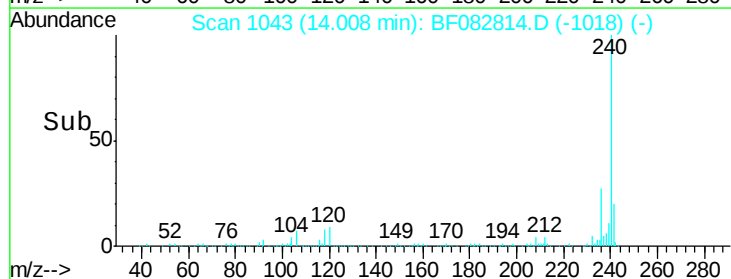
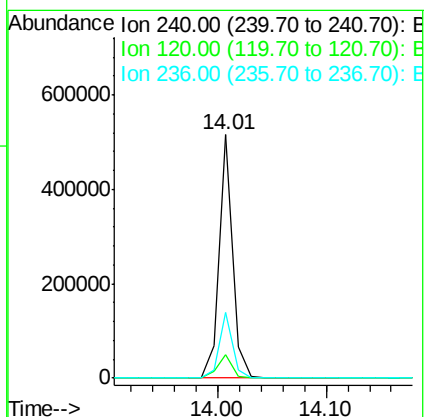
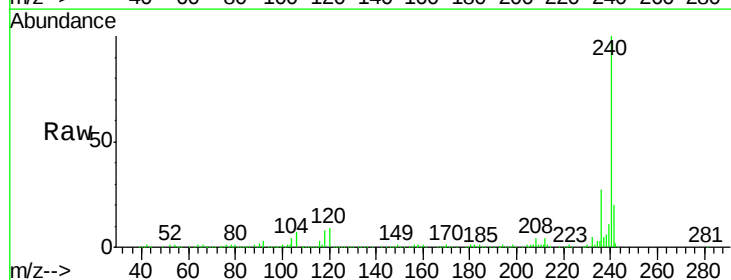
Instrument :
BNA_F
ClientSampleId :
BSL-001

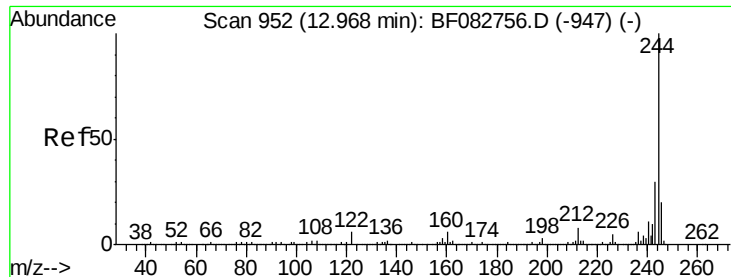
Tot Ion:188 Resp: 575115
Ion Ratio Lower Upper
188 100
94 13.0 6.1 9.1#
80 14.9 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082814.D
Acq: 8 Nov 2015 1:07

Tgt Ion:240 Resp: 451627
Ion Ratio Lower Upper
240 100
120 9.5 10.9 16.3#
236 27.2 21.6 32.4



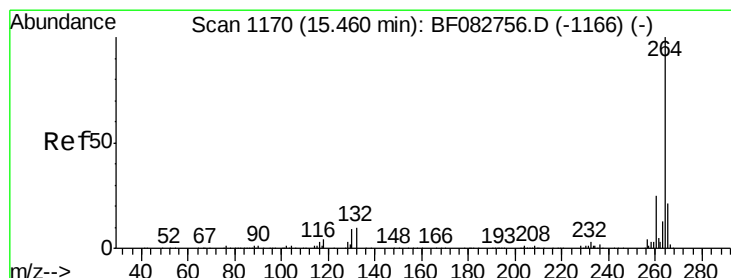
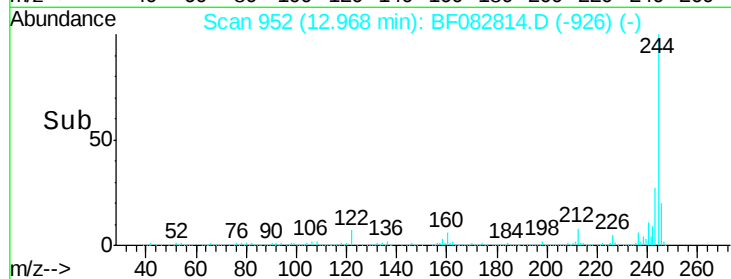
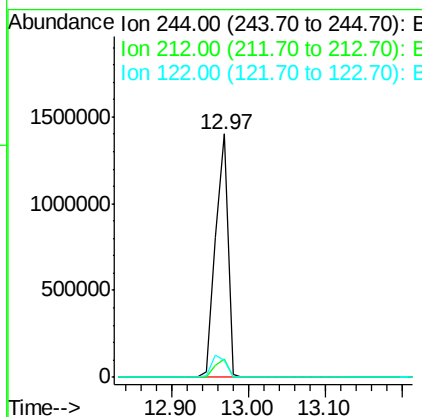
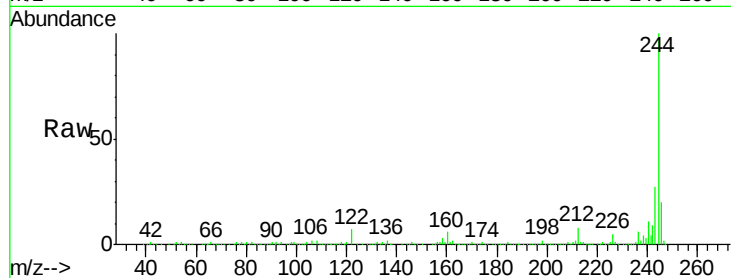


#78
 Terphenyl-d14
 Concen: 81.41 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 BSL-001

Tot Ion:244 Resp: 1550186

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.6	11.4
122	7.1	11.3	16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF082814.D
 Acq: 8 Nov 2015 1:07

Tgt Ion:264 Resp: 387352

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	20.6	17.4	26.0

