

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082818.D
 Acq On : 8 Nov 2015 3:04
 Operator : UM/IZ
 Sample : G4281-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

Quant Time: Nov 09 02:14:32 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	164749	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	742683	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	361295	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	627085	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	276610	20.00	ng	-0.01
86) Perylene-d12	15.44	264	240310	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1102731	104.14	ng	0.02
7) Phenol-d6	6.50	99	1796490	127.62	ng	0.02
23) Nitrobenzene-d5	7.41	82	1103635	64.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	460774	111.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1951239	77.40	ng	0.00
78) Terphenyl-d14	12.97	244	1197845	102.71	ng	0.00

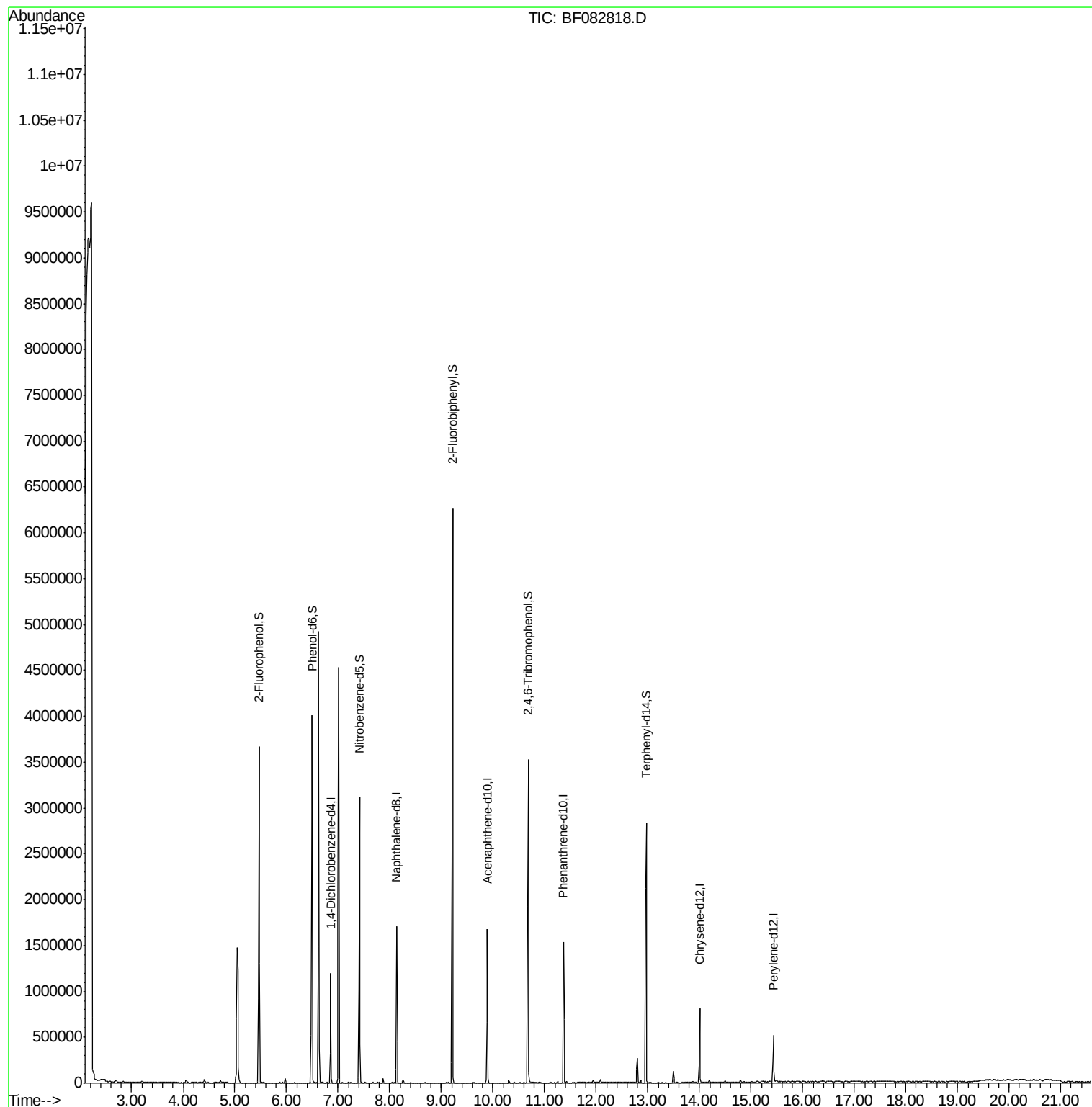
Target Compounds Qvalue

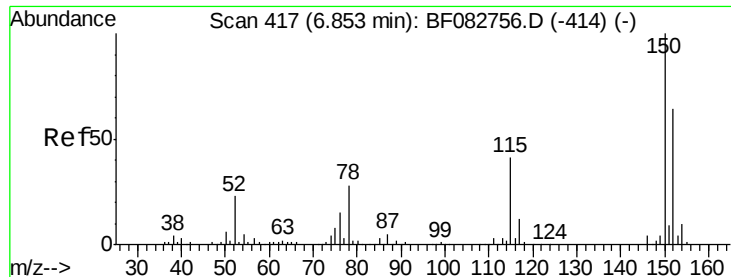
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082818.D

Acq: 8 Nov 2015 3:04

Instrument :

BNA_F

ClientSampled :

BSS-001

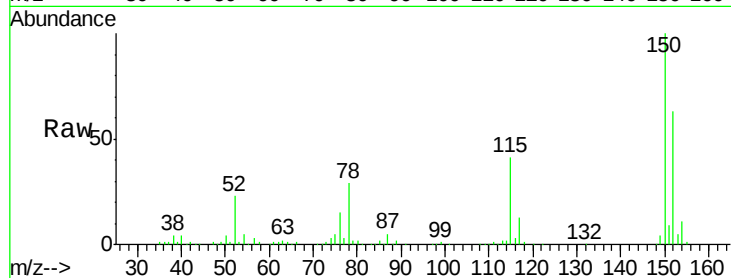
Tot Ion:152 Resp: 164749

Ion Ratio Lower Upper

152 100

150 158.2 127.0 190.4

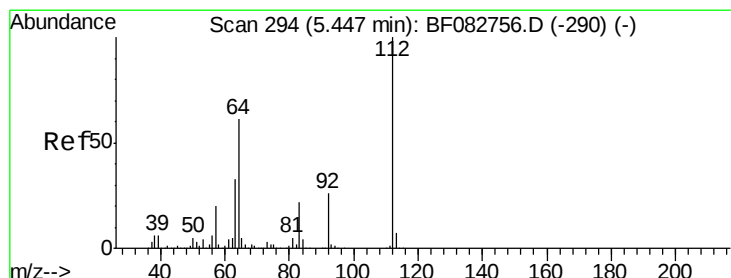
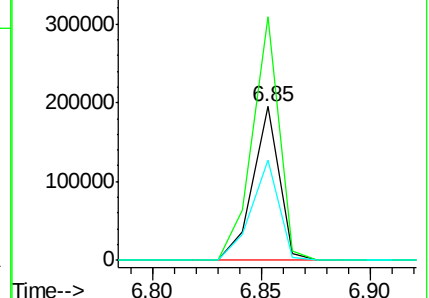
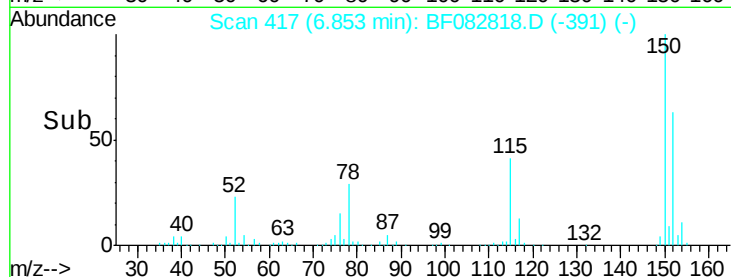
115 65.1 47.0 70.6



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: 104.14 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

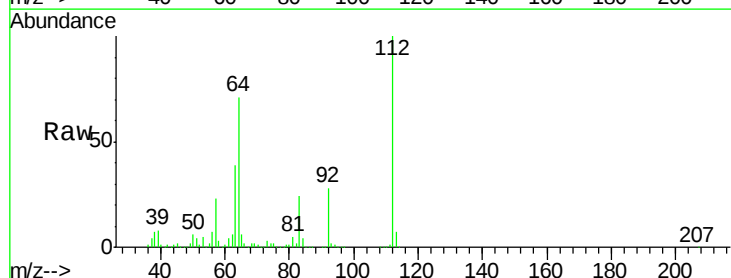
Tgt Ion:112 Resp: 1102731

Ion Ratio Lower Upper

112 100

64 70.8 48.9 73.3

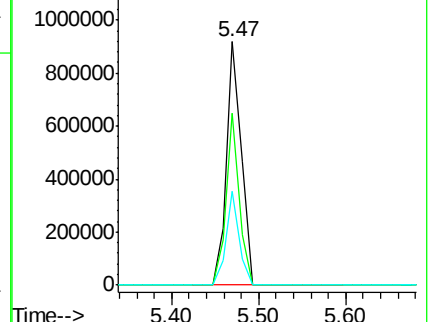
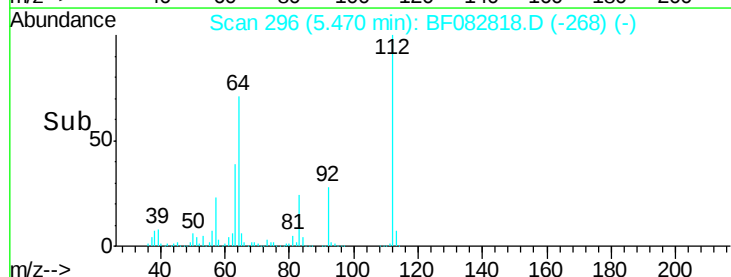
63 38.5 28.1 42.1

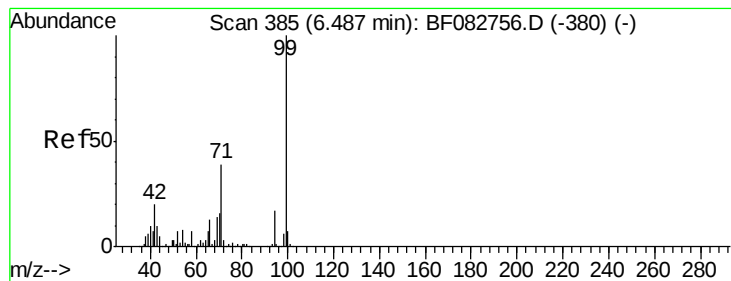


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.62 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

Instrument :

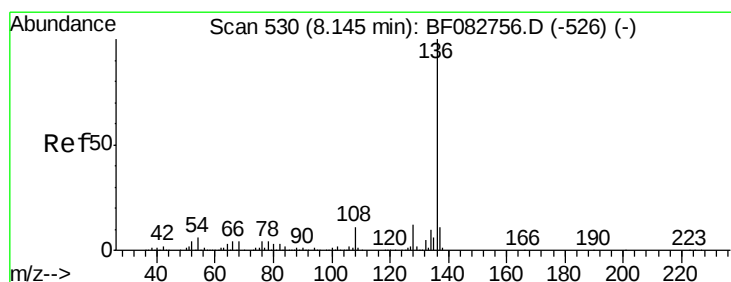
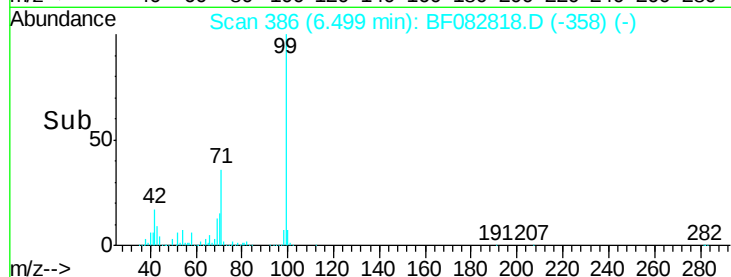
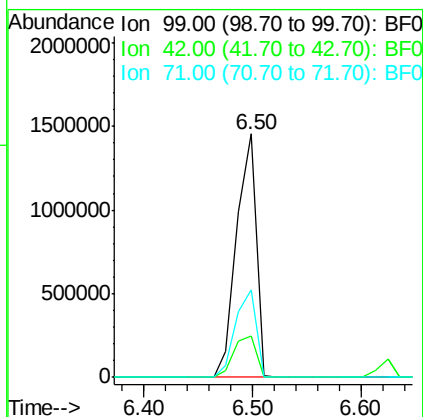
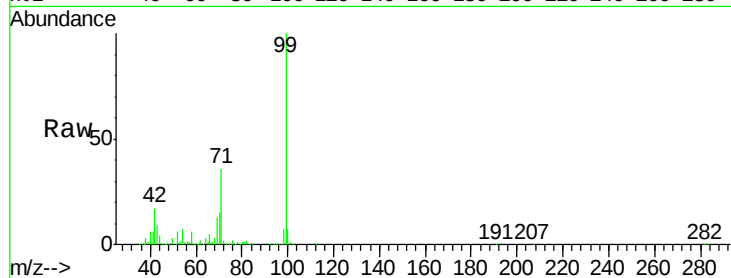
BNA_F

ClientSampleId :

BSS-001

Tot Ion: 99 Resp: 1796490

Ion	Ratio	Lower	Upper
99	100		
42	17.0	19.2	28.8#
71	35.8	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

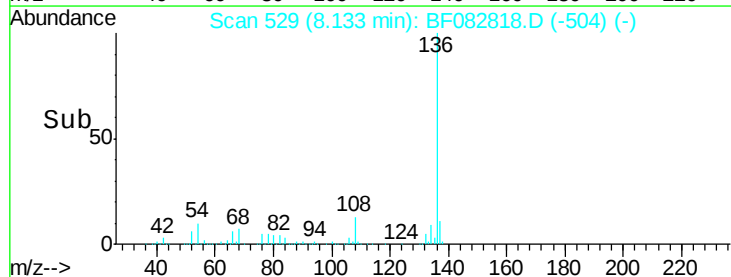
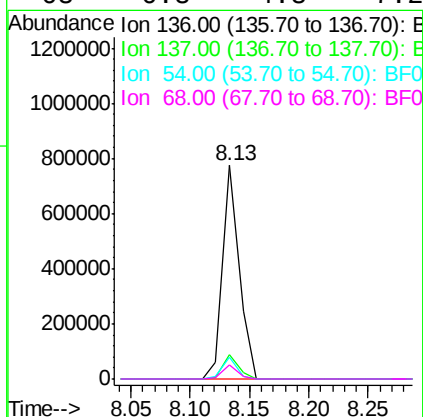
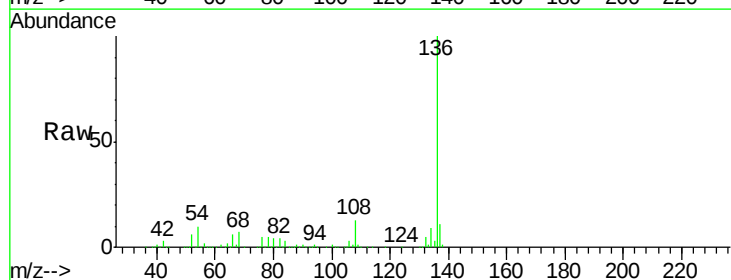
Delta R.T. -0.01 min

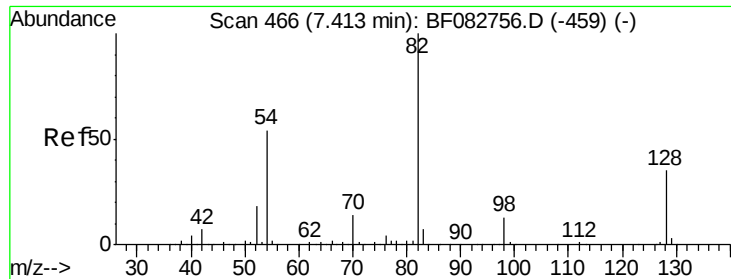
Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

Tgt Ion: 136 Resp: 742683

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	10.2	9.1	13.7
68	6.8	4.8	7.2

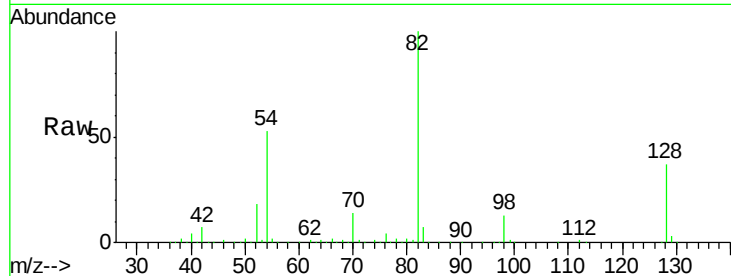




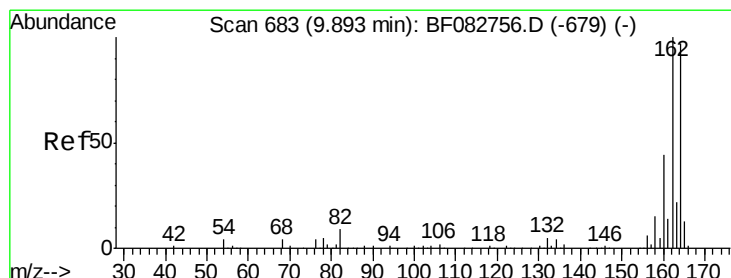
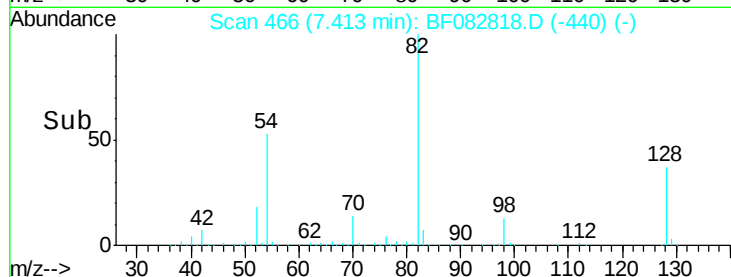
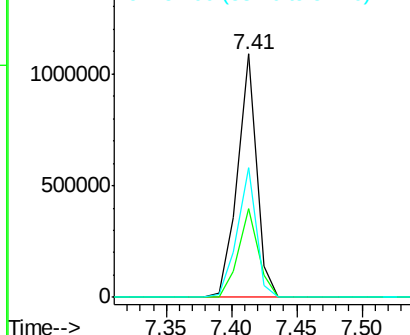
#23
 Nitrobenzene-d5
 Concen: 64.66 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

Tot Ion: 82 Resp: 1103635
 Ion Ratio Lower Upper
 82 100
 128 36.7 26.8 40.2
 54 53.3 45.7 68.5

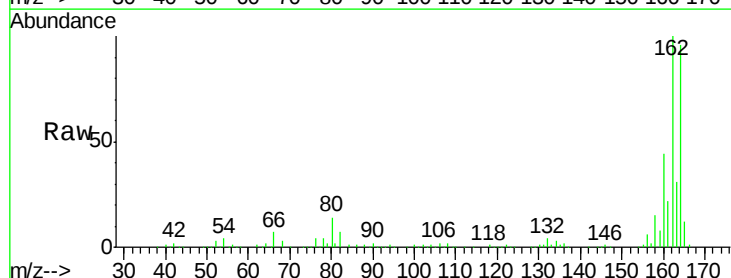


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

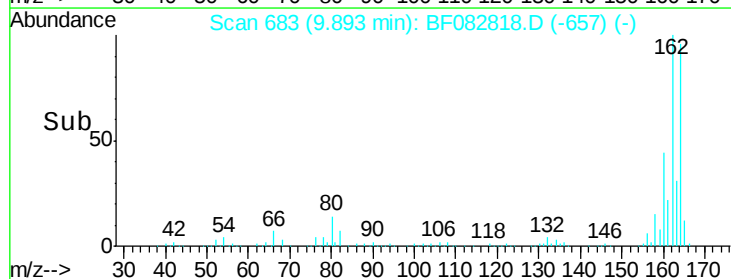
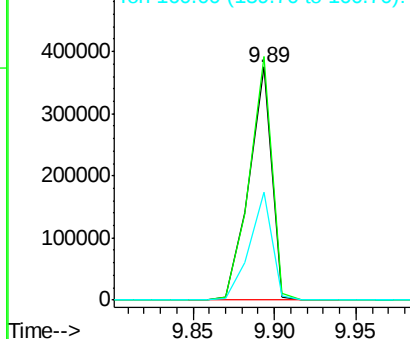


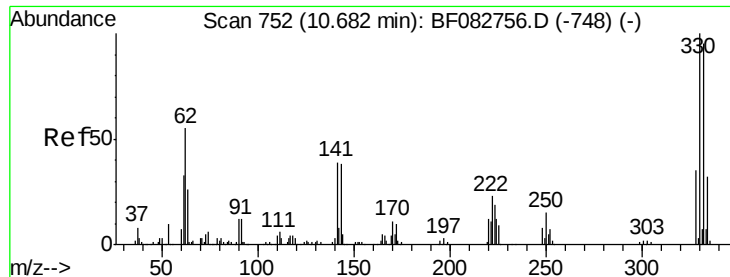
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Tgt Ion:164 Resp: 361295
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.9 127.3
 160 46.3 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

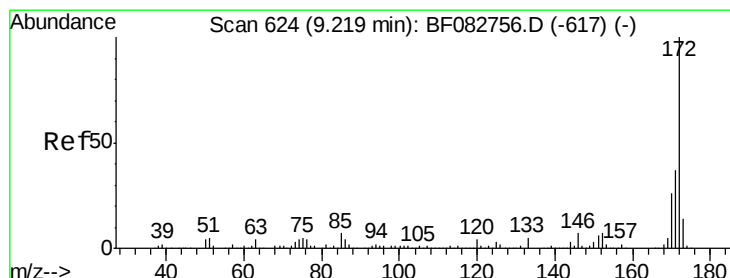
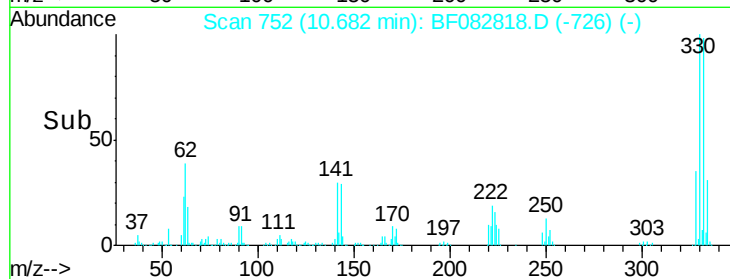
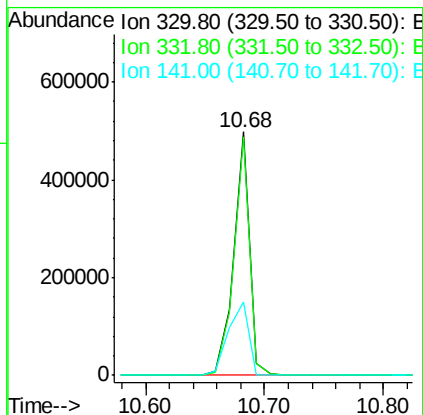
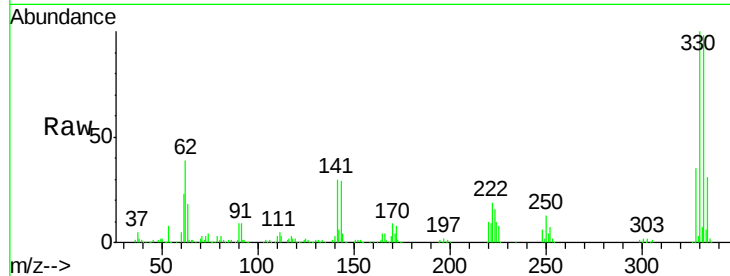




#41
 2,4,6-Tribromophenol
 Concen: 111.23 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

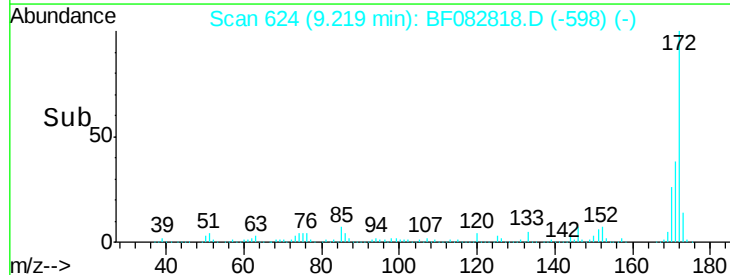
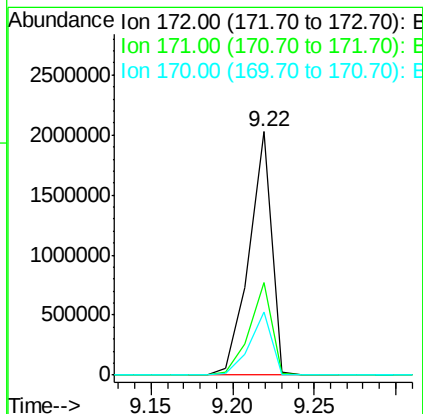
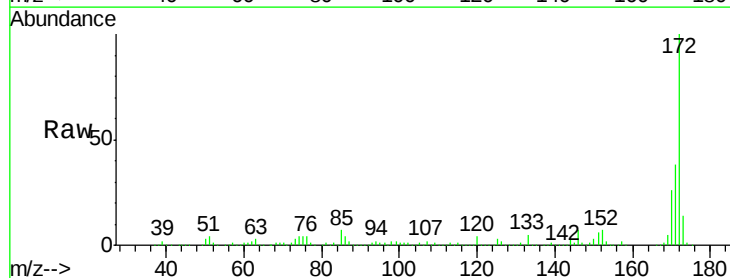
Instrument :
 BNA_F
 ClientSampleId :
 BSS-001

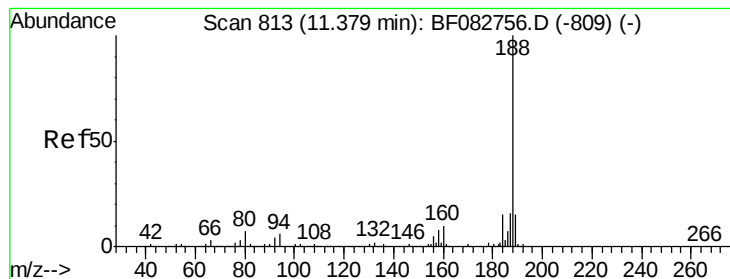
Tot Ion:330 Resp: 460774
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 38.5 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 77.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082818.D
 Acq: 8 Nov 2015 3:04

Tgt Ion:172 Resp: 1951239
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 26.0 21.2 31.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

Instrument :

BNA_F

ClientSampleId :

BSS-001

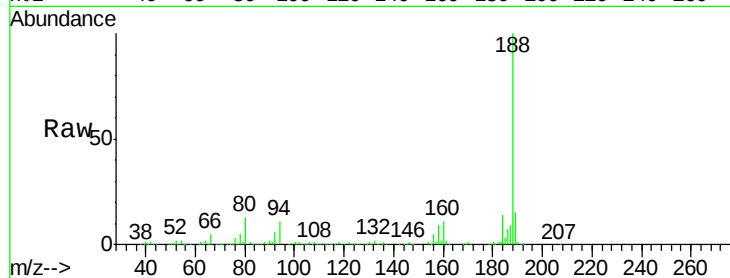
Tot Ion:188 Resp: 627085

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

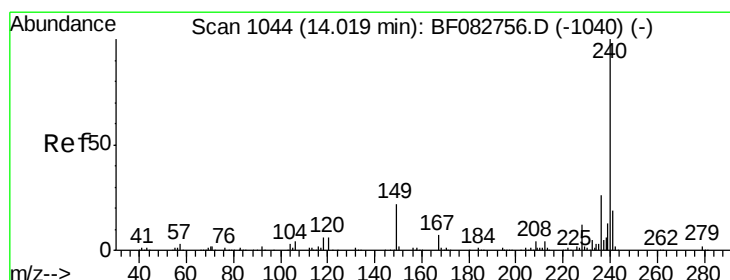
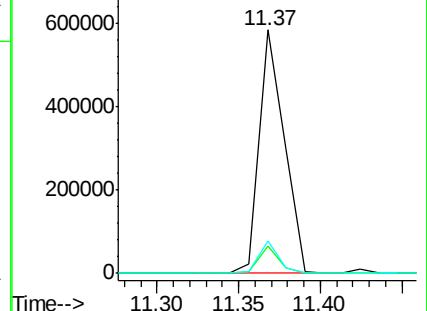
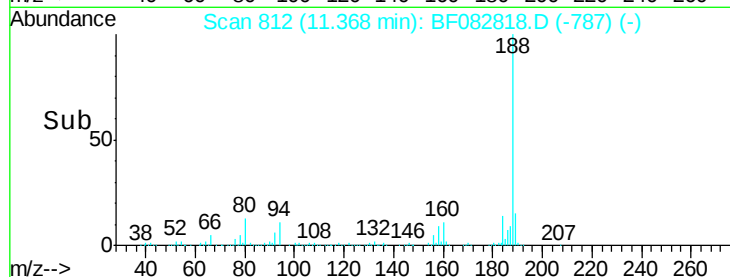
80 13.2 7.0 10.6#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

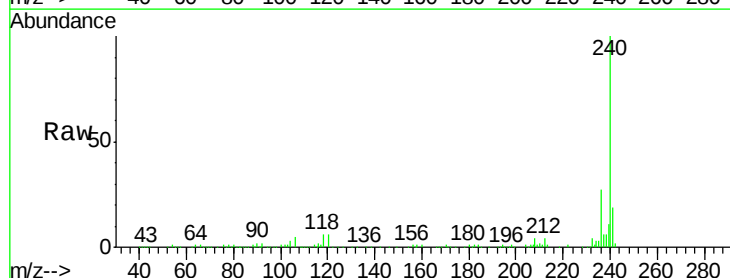
Tgt Ion:240 Resp: 276610

Ion Ratio Lower Upper

240 100

120 6.2 10.9 16.3#

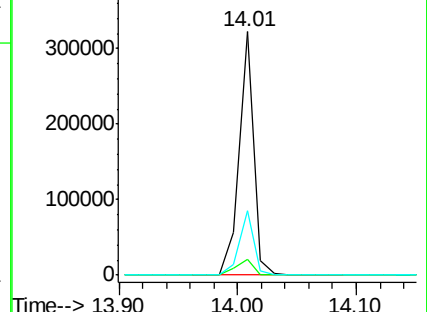
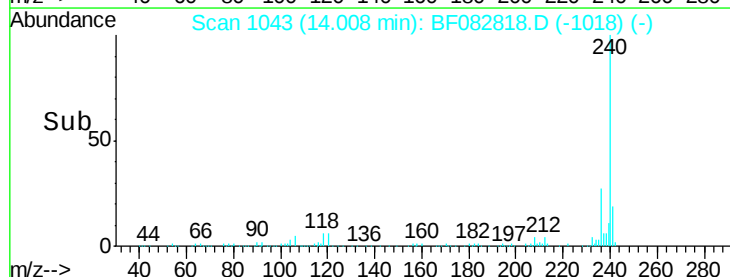
236 26.6 21.6 32.4

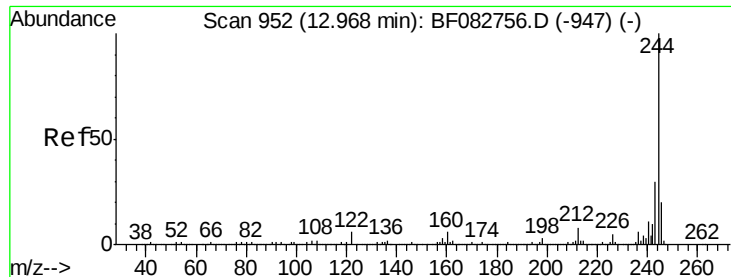


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.71 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

Instrument :

BNA_F

ClientSampled :

BSS-001

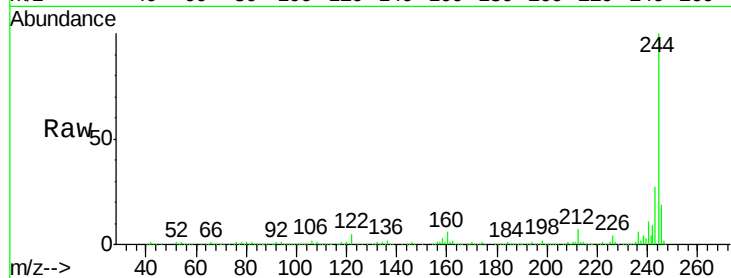
Tot Ion:244 Resp: 1197845

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.6	11.4#
122	5.4	11.3	16.9#

244 100

212 7.3 7.6 11.4#

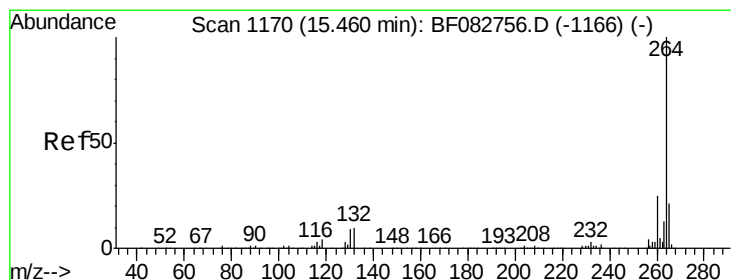
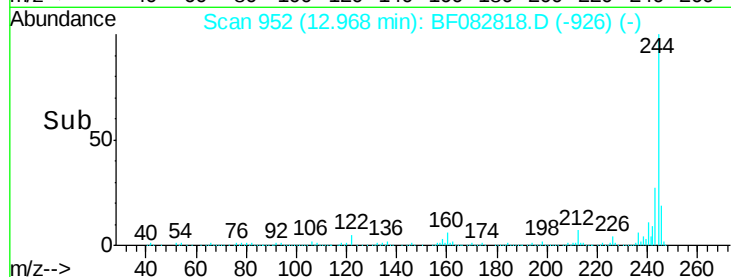
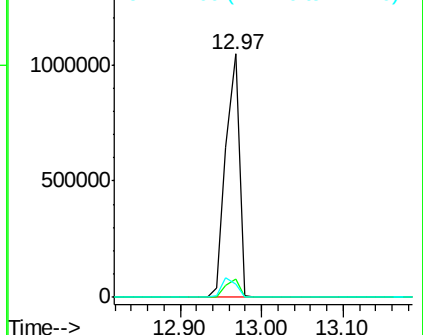
122 5.4 11.3 16.9#



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: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082818.D

Acq: 8 Nov 2015 3:04

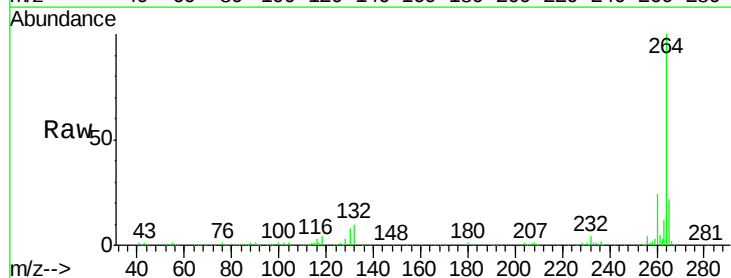
Tgt Ion:264 Resp: 240310

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.3	17.4	26.0

264 100

260 24.3 19.8 29.6

265 22.3 17.4 26.0



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

