

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082815.D
 Acq On : 8 Nov 2015 1:36
 Operator : UM/IZ
 Sample : G4278-01
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSS-001

Quant Time: Nov 09 02:08:54 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	181396	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	704001	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	368771	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	293993	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	250527	20.00	ng	-0.01
86) Perylene-d12	15.44	264	395267	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1276994	109.53	ng	0.03
7) Phenol-d6	6.50	99	1674745	108.06	ng	0.02
23) Nitrobenzene-d5	7.41	82	1145282	70.79	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	313940	74.25	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1927843	74.93	ng	0.00
78) Terphenyl-d14	12.97	244	980280	92.81	ng	0.00

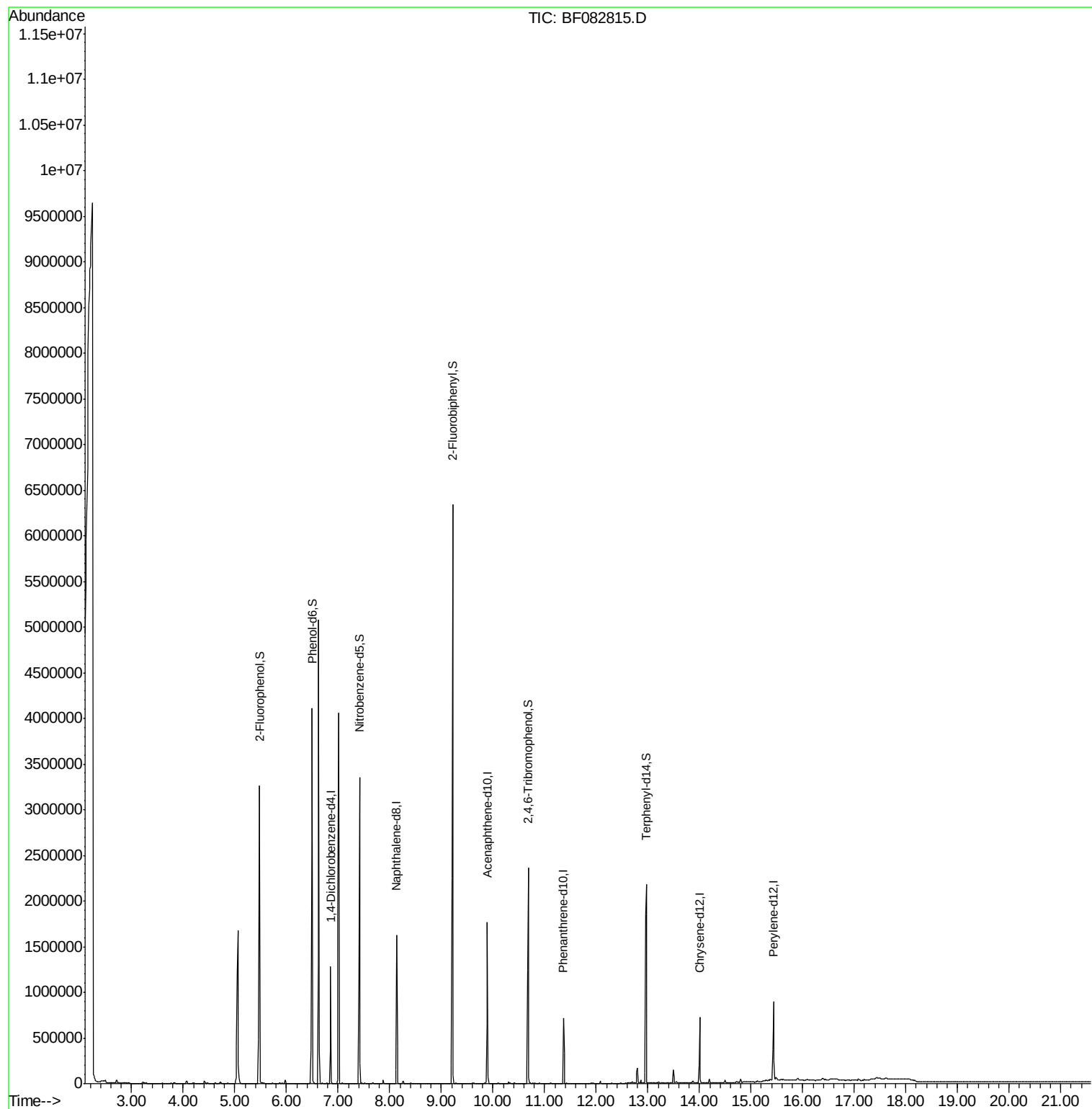
Target Compounds Qvalue

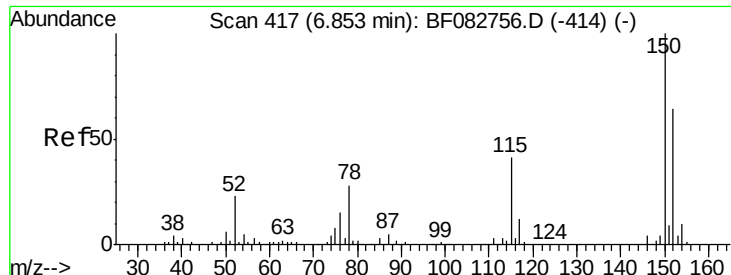
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082815.D

Acq: 8 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

DSS-001

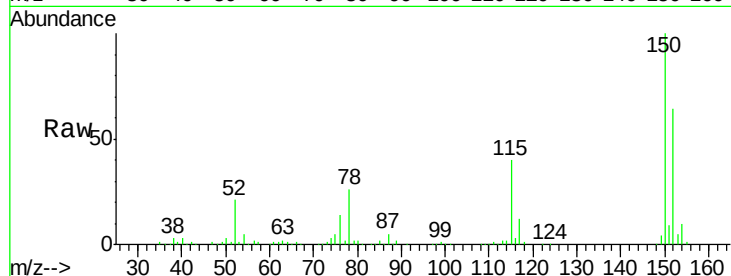
Tot Ion:152 Resp: 181396

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

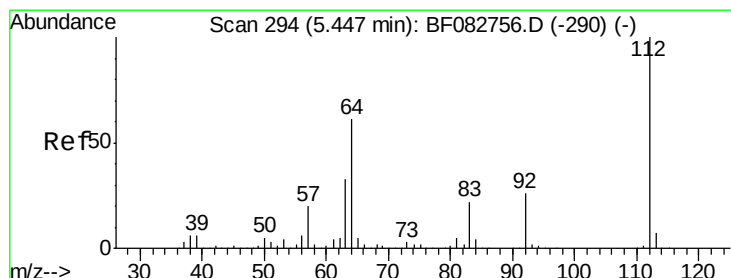
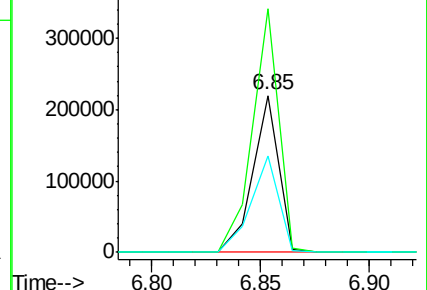
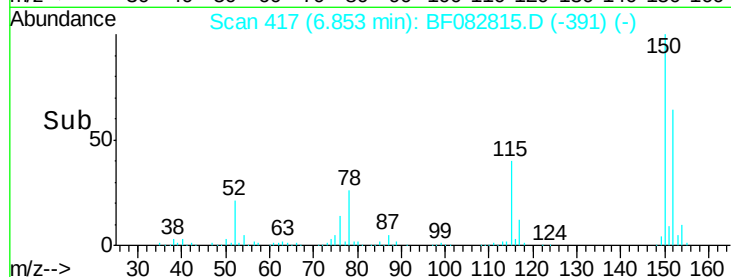
115 61.6 47.0 70.6



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: 109.53 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.03 min

Lab File: BF082815.D

Acq: 8 Nov 2015 1:36

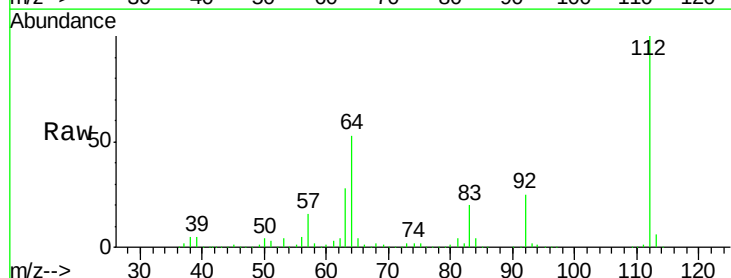
Tgt Ion:112 Resp: 1276994

Ion Ratio Lower Upper

112 100

64 53.0 48.9 73.3

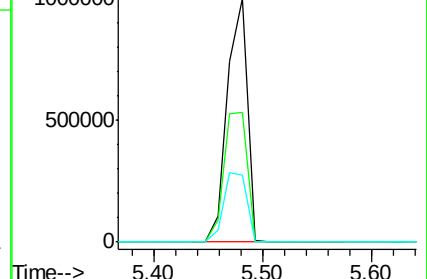
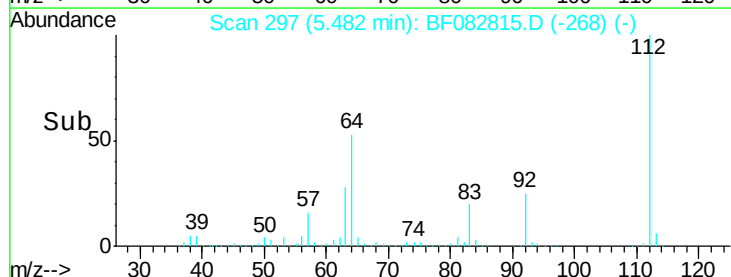
63 27.8 28.1 42.1#

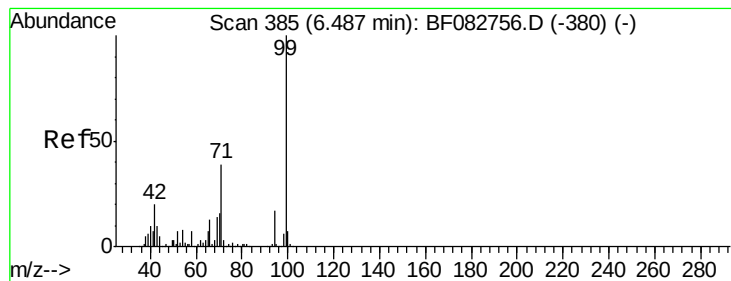


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.06 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082815.D

Acq: 8 Nov 2015 1:36

Instrument :

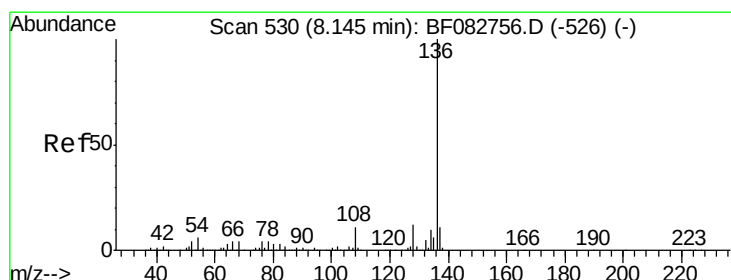
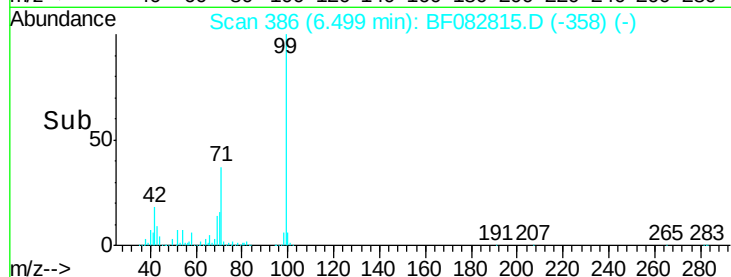
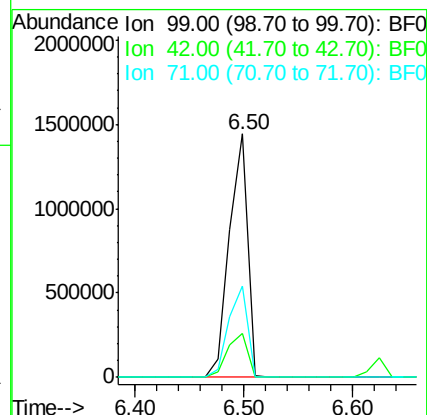
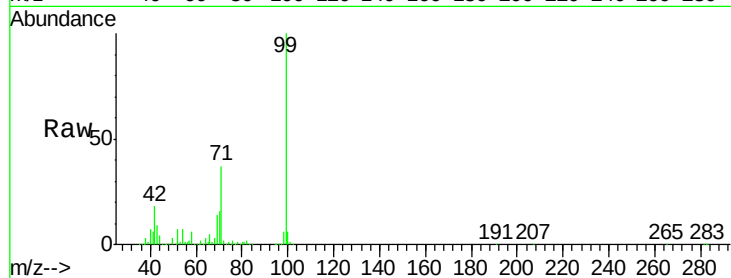
BNA_F

ClientSampleId :

DSS-001

Tot Ion: 99 Resp: 1674745

Ion	Ratio	Lower	Upper
99	100		
42	18.2	19.2	28.8#
71	37.4	35.0	52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

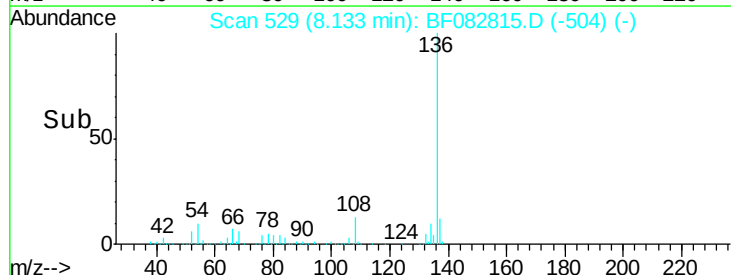
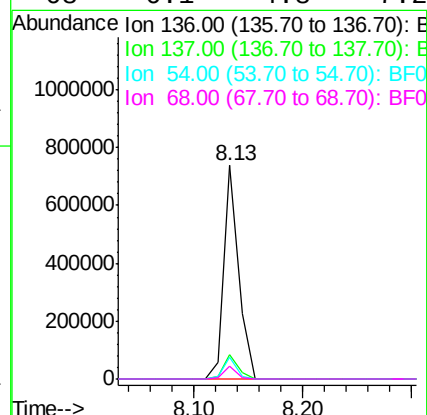
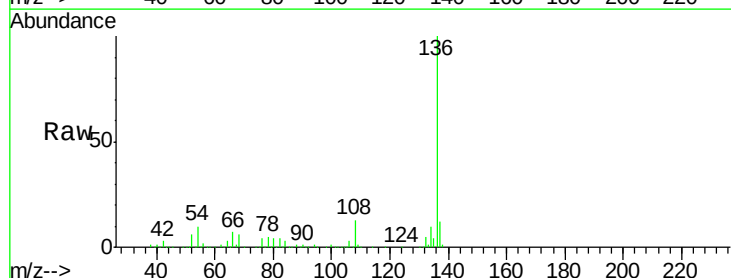
Delta R.T. -0.01 min

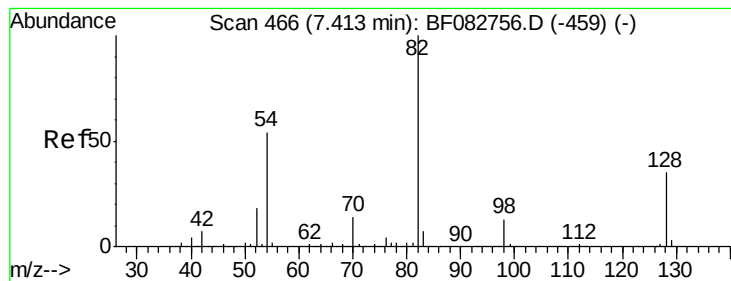
Lab File: BF082815.D

Acq: 8 Nov 2015 1:36

Tgt Ion: 136 Resp: 704001

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	10.2	9.1	13.7
68	6.1	4.8	7.2





#23

Nitrobenzene-d5

Concen: 70.79 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082815.D

Acq: 8 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

DSS-001

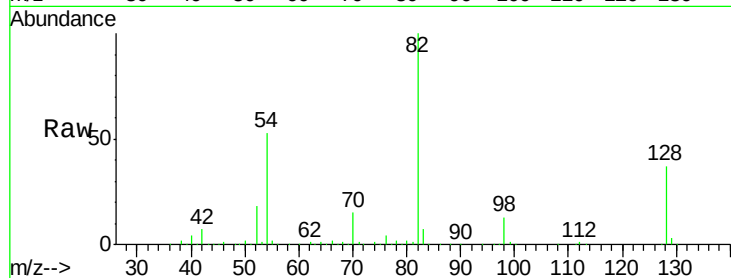
Tot Ion: 82 Resp: 1145282

Ion Ratio Lower Upper

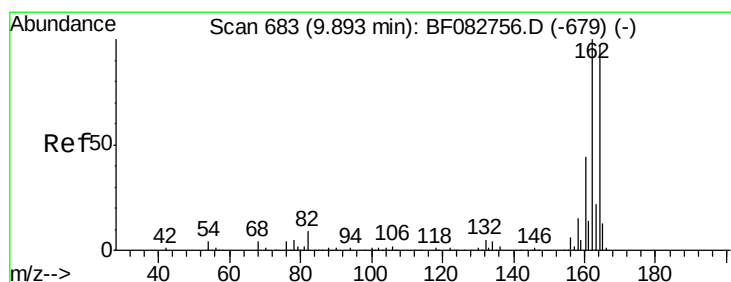
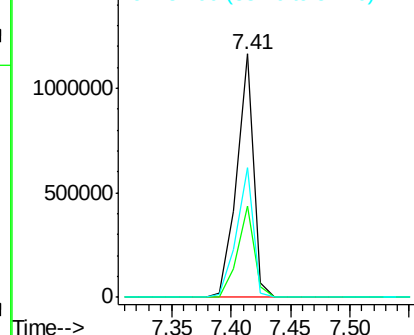
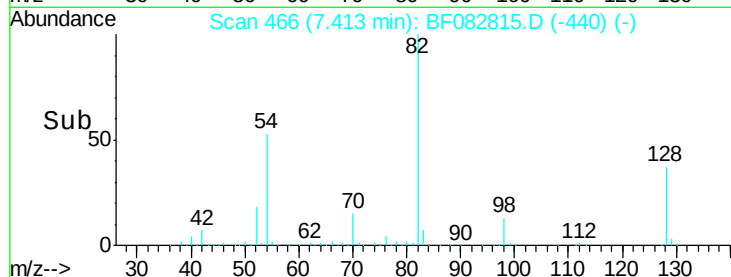
82 100

128 37.4 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: BF082815.D

Acq: 8 Nov 2015 1:36

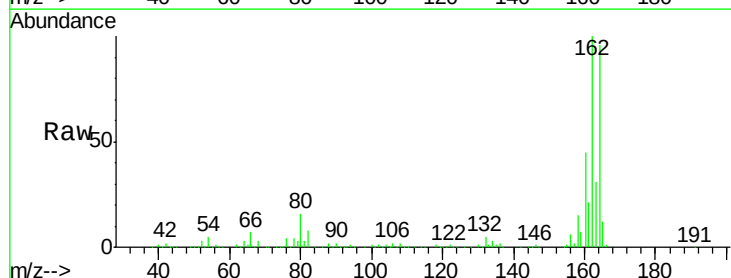
Tgt Ion:164 Resp: 368771

Ion Ratio Lower Upper

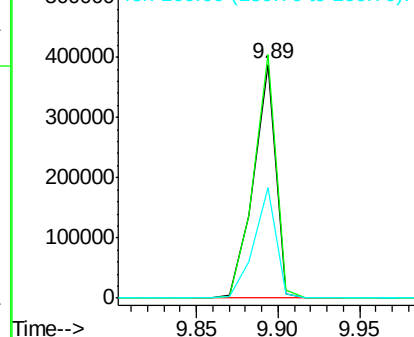
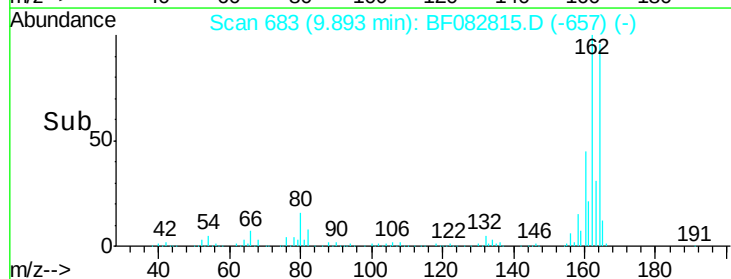
164 100

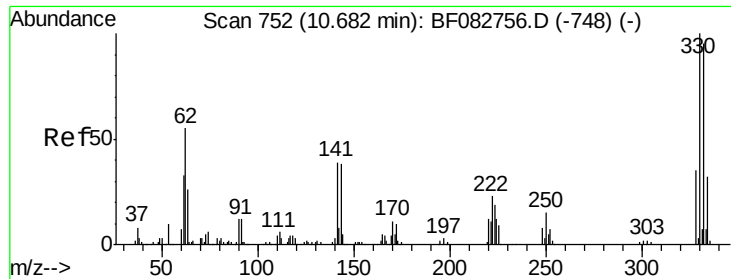
162 104.2 84.9 127.3

160 47.1 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

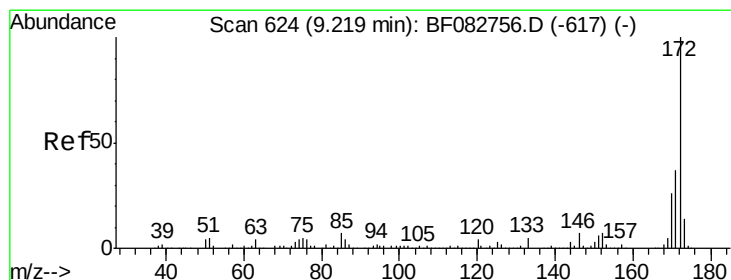
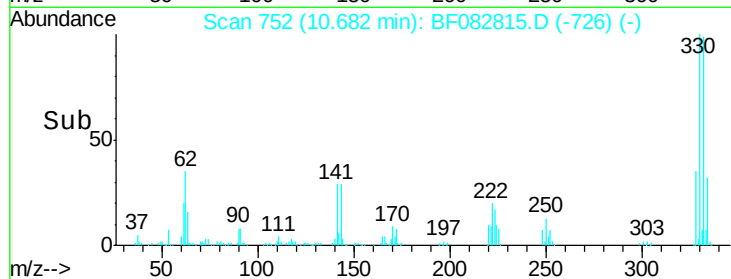
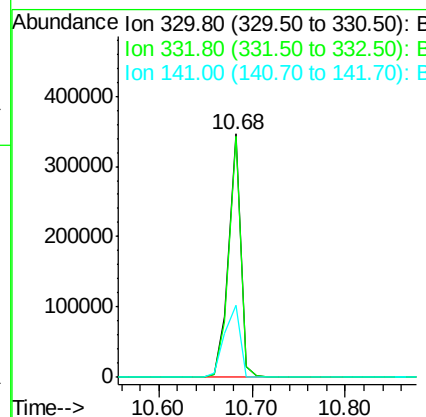
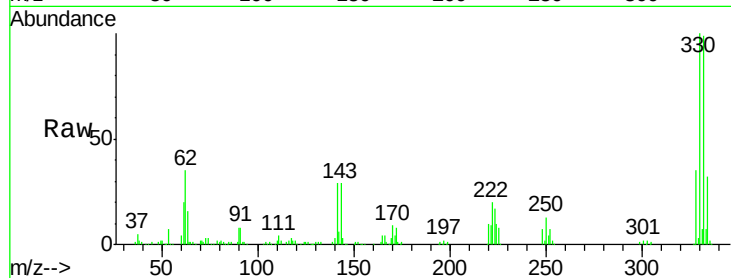




#41
 2,4,6-Tribromophenol
 Concen: 74.25 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082815.D
 Acq: 8 Nov 2015 1:36

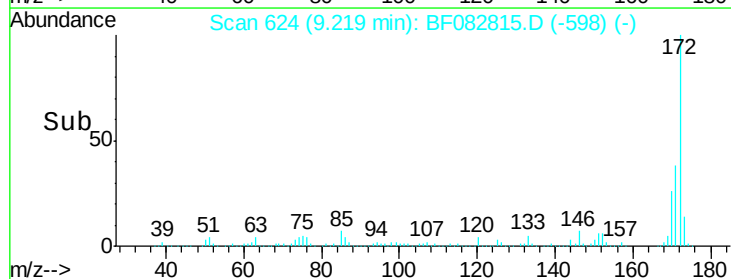
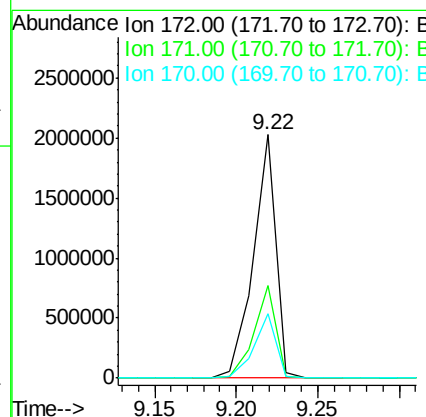
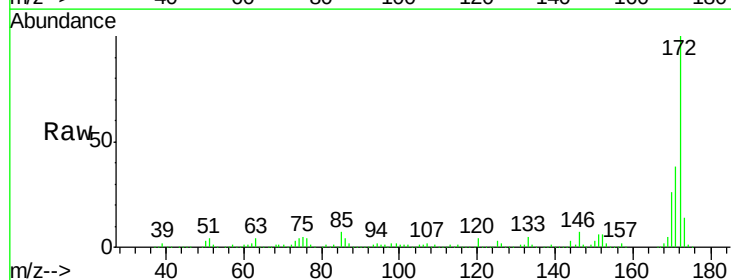
Instrument :
 BNA_F
 ClientSampleId :
 DSS-001

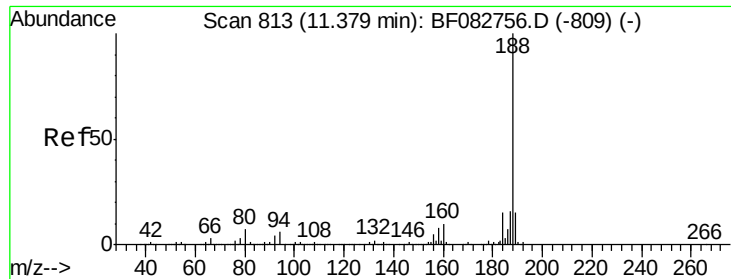
Tot Ion:330 Resp: 313940
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 37.5 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 74.93 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082815.D
 Acq: 8 Nov 2015 1:36

Tgt Ion:172 Resp: 1927843
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.4 21.2 31.8

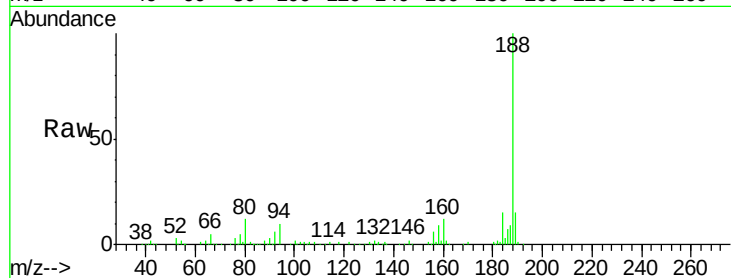




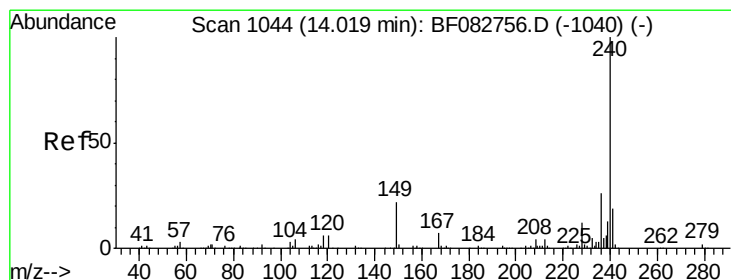
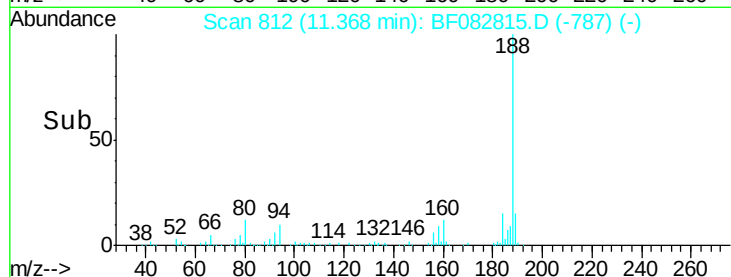
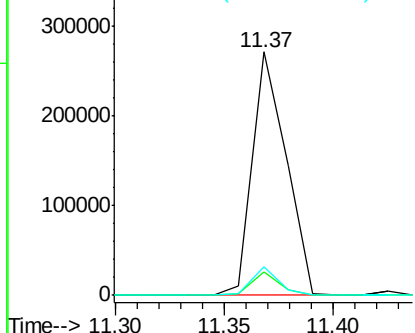
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082815.D
Acq: 8 Nov 2015 1:36

Instrument :
BNA_F
ClientSampleId :
DSS-001

Tot Ion:188 Resp: 293993
Ion Ratio Lower Upper
188 100
94 9.7 6.1 9.1#
80 11.5 7.0 10.6#

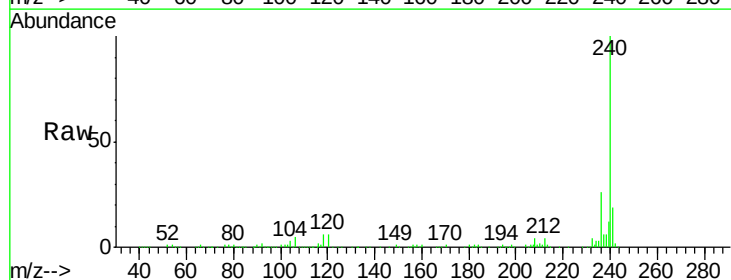


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

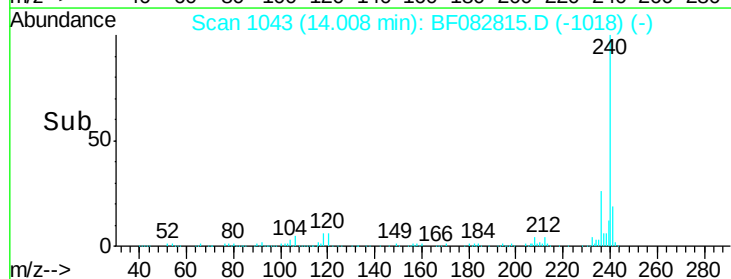
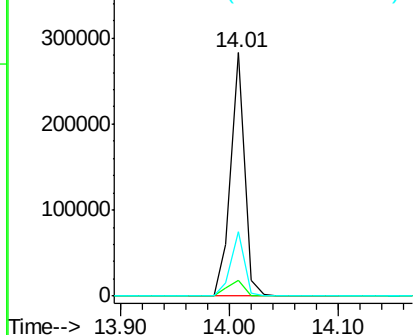


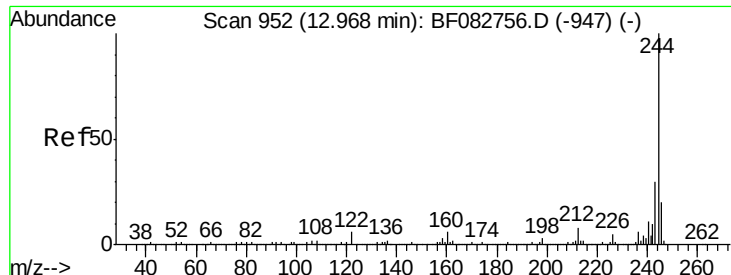
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082815.D
Acq: 8 Nov 2015 1:36

Tgt Ion:240 Resp: 250527
Ion Ratio Lower Upper
240 100
120 6.4 10.9 16.3#
236 26.5 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: 92.81 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082815.D

Acq: 8 Nov 2015 1:36

Instrument :

BNA_F

ClientSampled :

DSS-001

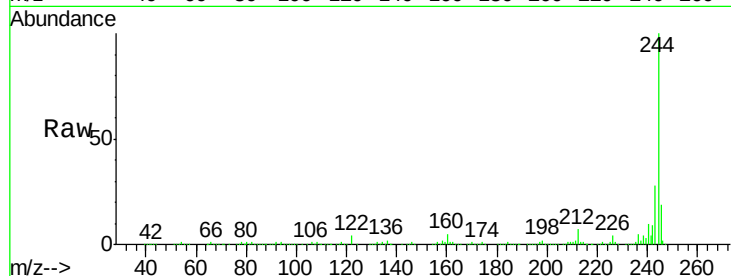
Tot Ion:244 Resp: 980280

Ion Ratio Lower Upper

244 100

212 7.2 7.6 11.4#

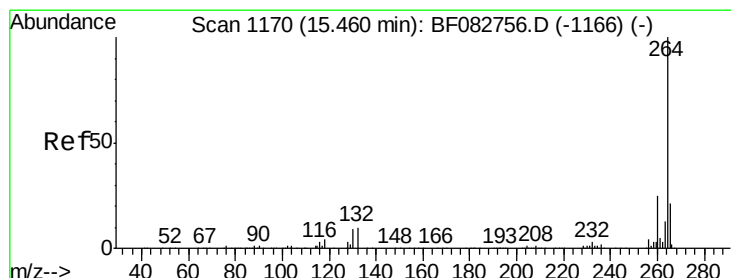
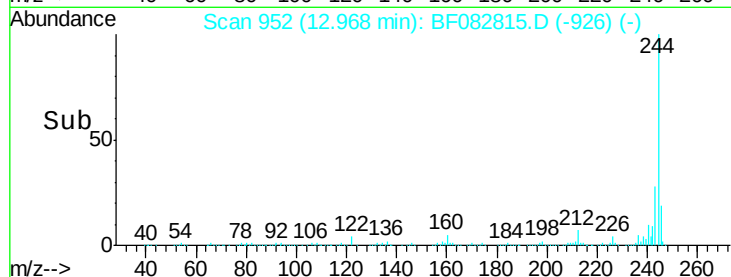
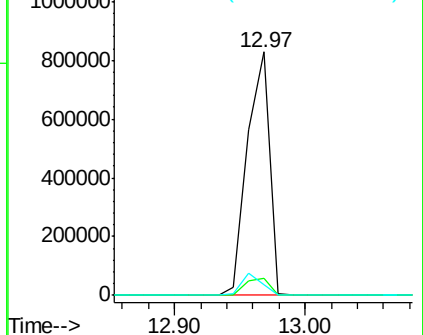
122 4.3 11.3 16.9#



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: BF082815.D

Acq: 8 Nov 2015 1:36

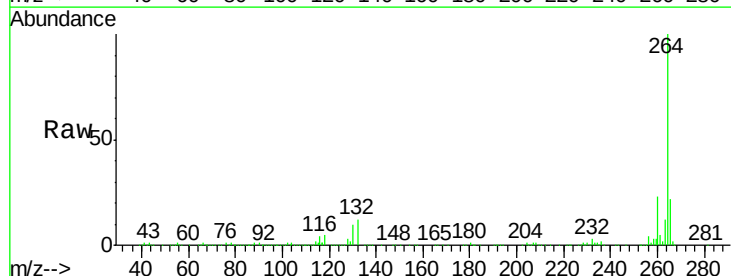
Tgt Ion:264 Resp: 395267

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 22.2 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

