

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082993.D
 Acq On : 18 Nov 2015 4:22
 Operator : UM/IZ
 Sample : G4407-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 07:01:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	190196	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	727903	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	380464	20.00	ng	-0.10
63) Phenanthrene-d10	11.26	188	903084	20.00	ng	-0.11
75) Chrysene-d12	13.91	240	818964	20.00	ng	-0.11
86) Perylene-d12	15.30	264	589563	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	662300	54.18	ng	-0.09
7) Phenol-d6	6.40	99	500545	30.80	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1353228	80.89	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	417140	95.62	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1928359	72.64	ng	-0.10
78) Terphenyl-d14	12.87	244	2531622	73.32	ng	-0.10

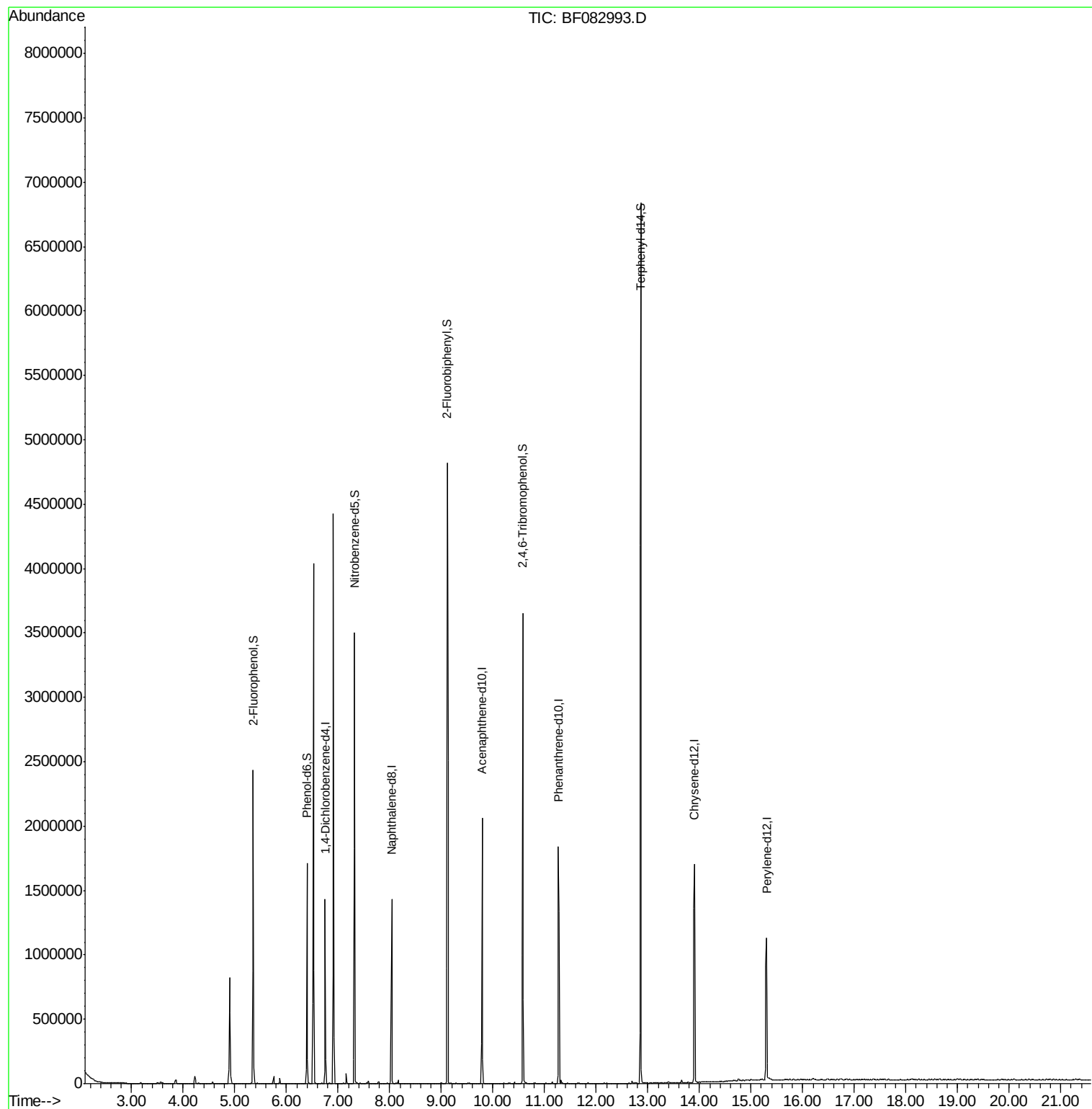
Target Compounds	Qvalue
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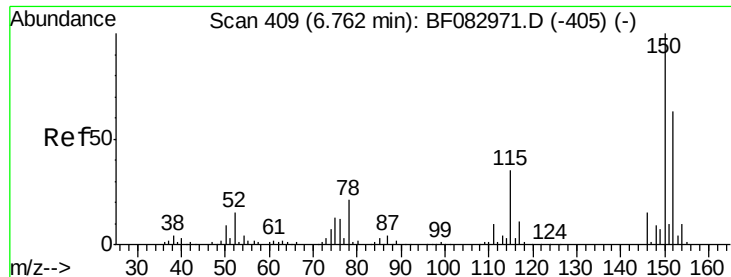
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

Instrument :

BNA_F

ClientSampleId :

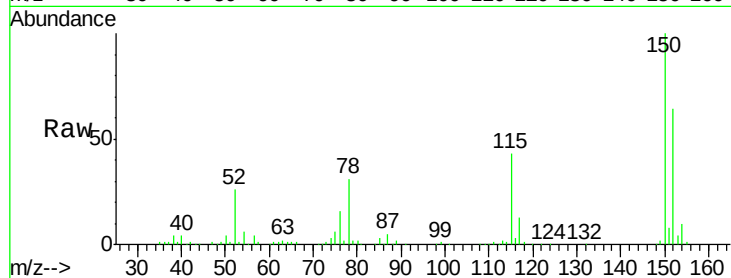
Tgt Ion:152 Resp: 190196

Ion Ratio Lower Upper

152 100

150 157.2 127.0 190.4

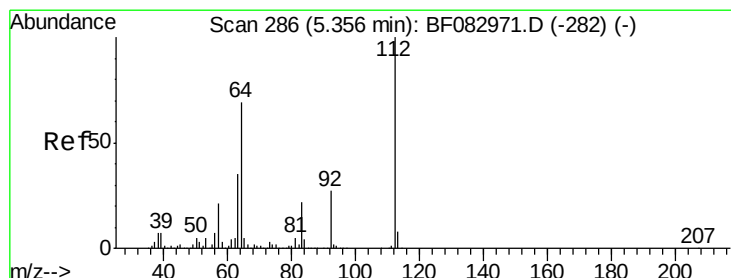
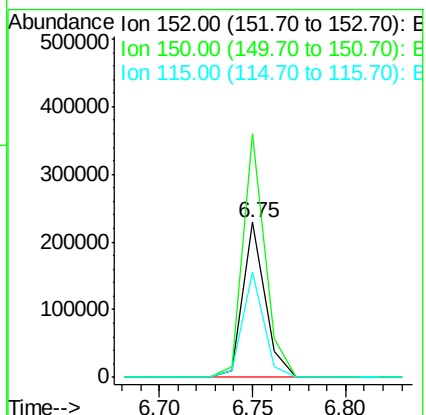
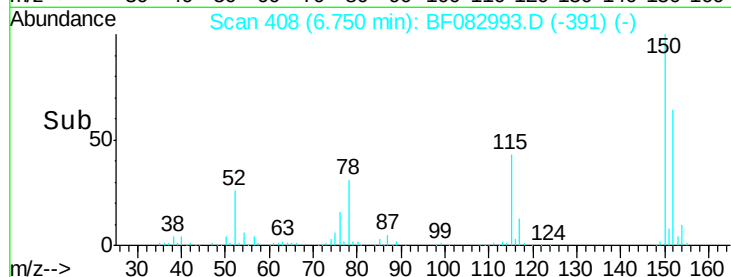
115 68.3 47.0 70.6



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: 54.18 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

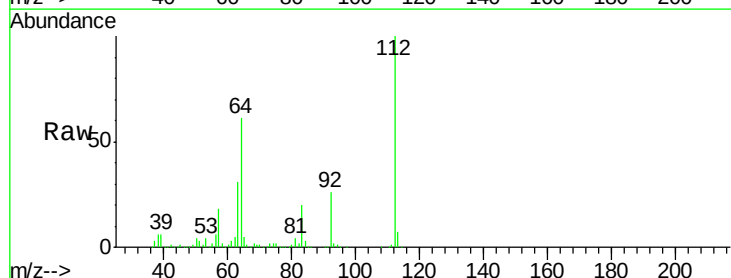
Tgt Ion:112 Resp: 662300

Ion Ratio Lower Upper

112 100

64 61.5 48.9 73.3

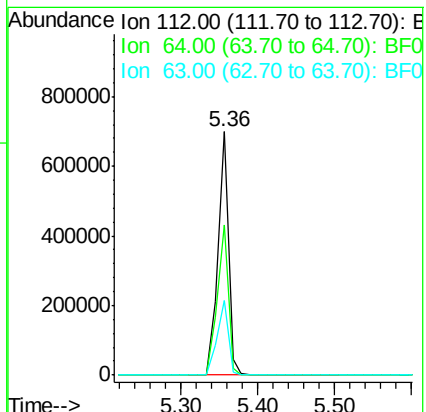
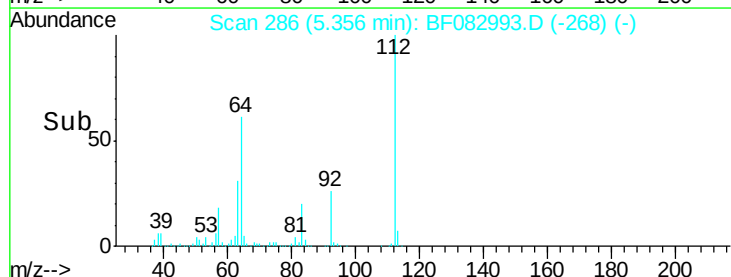
63 30.8 28.1 42.1

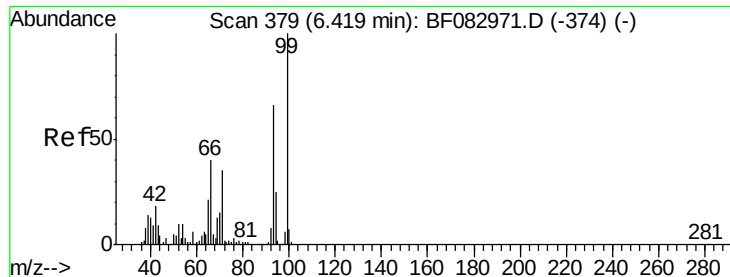


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.80 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

Instrument :

BNA_F

ClientSampleId :

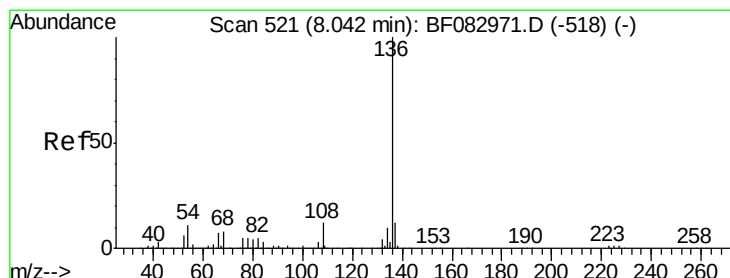
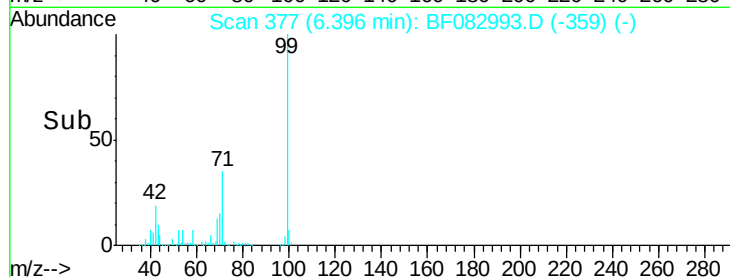
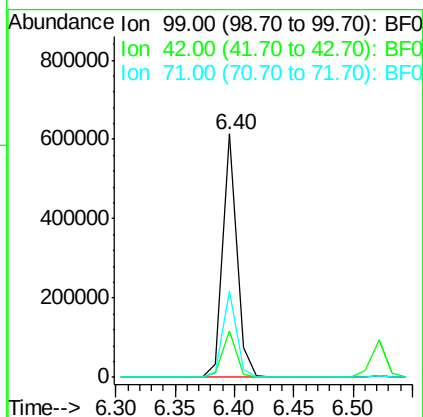
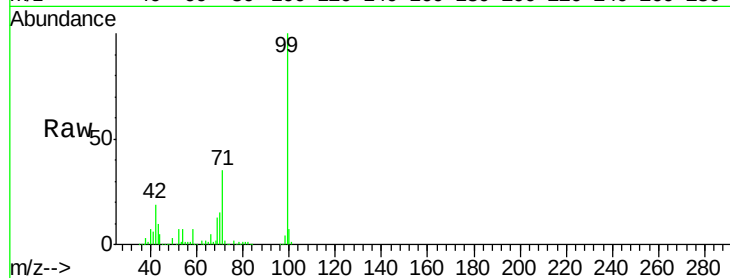
Tgt Ion: 99 Resp: 500545

Ion Ratio Lower Upper

99 100

42 19.1 19.2 28.8#

71 35.3 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082993.D

Acq: 18 Nov 2015 4:22

Tgt Ion: 136 Resp: 727903

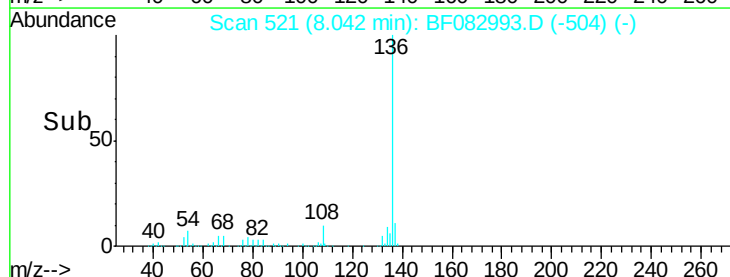
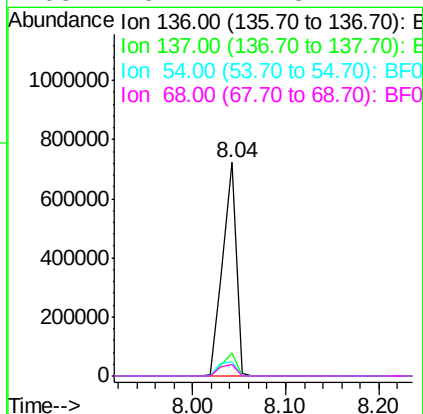
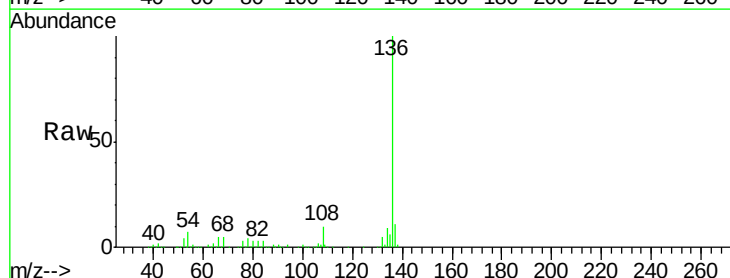
Ion Ratio Lower Upper

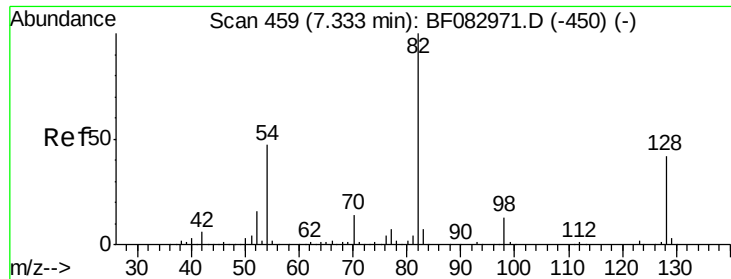
136 100

137 10.8 9.1 13.7

54 6.9 9.1 13.7#

68 5.2 4.8 7.2

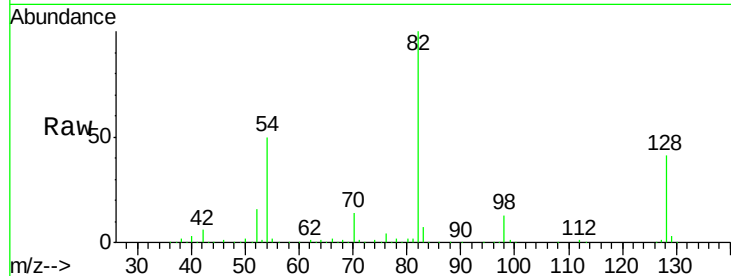




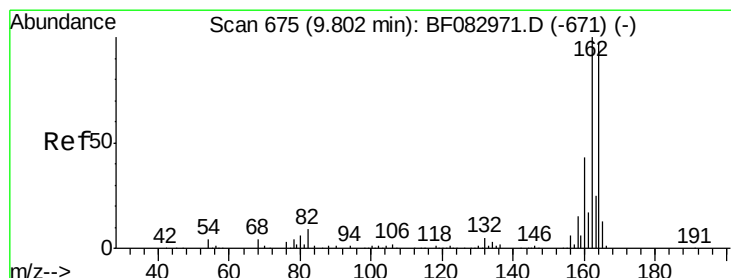
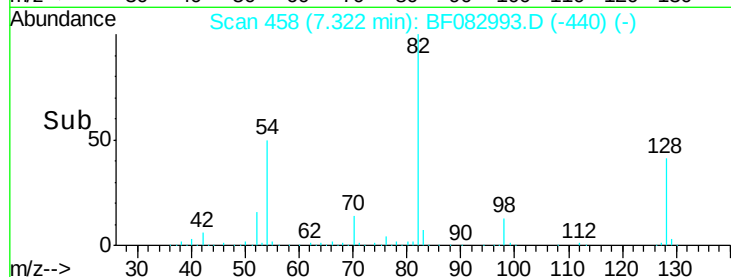
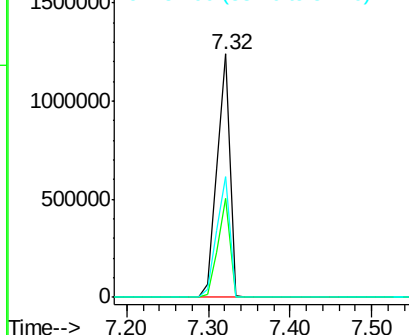
#23
 Nitrobenzene-d5
 Concen: 80.89 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82 Resp: 1353228
 Ion Ratio Lower Upper
 82 100
 128 40.8 26.8 40.2#
 54 49.7 45.7 68.5

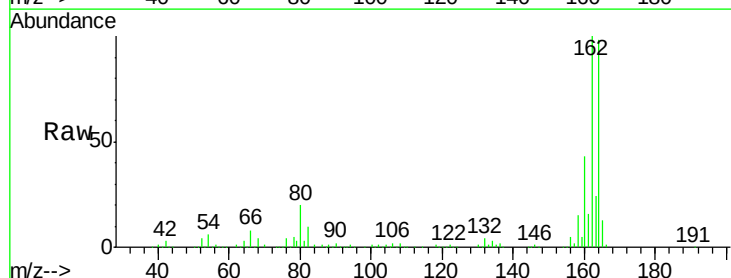


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

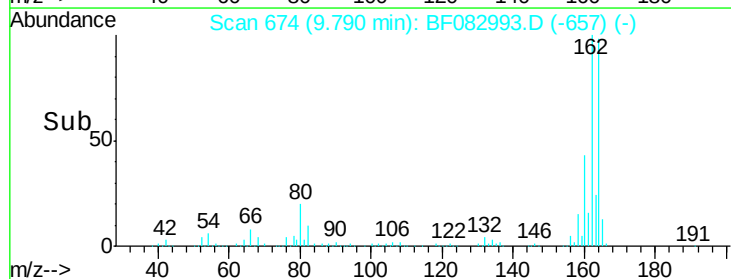
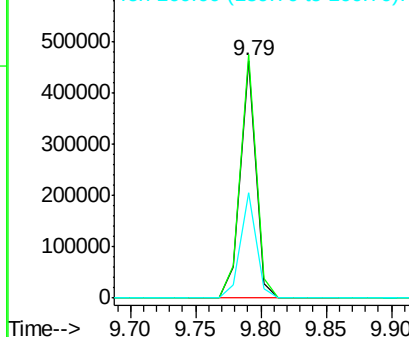


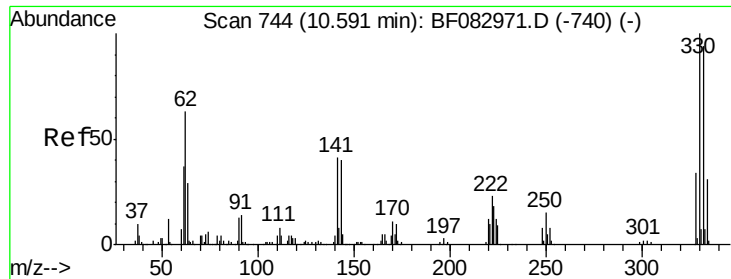
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

Tgt Ion: 164 Resp: 380464
 Ion Ratio Lower Upper
 164 100
 162 102.6 84.9 127.3
 160 44.1 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

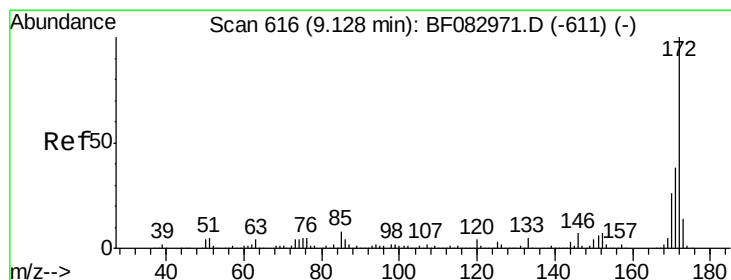
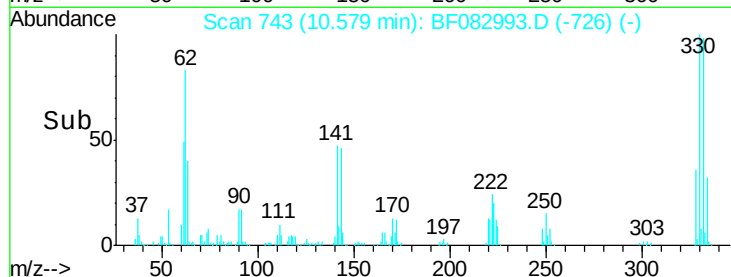
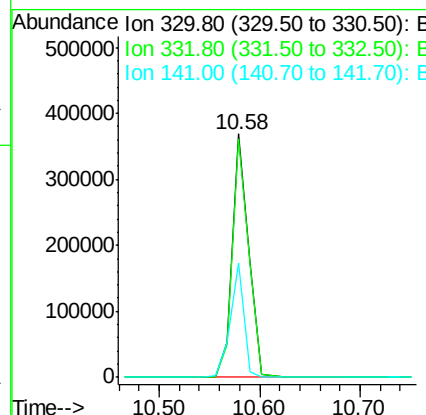
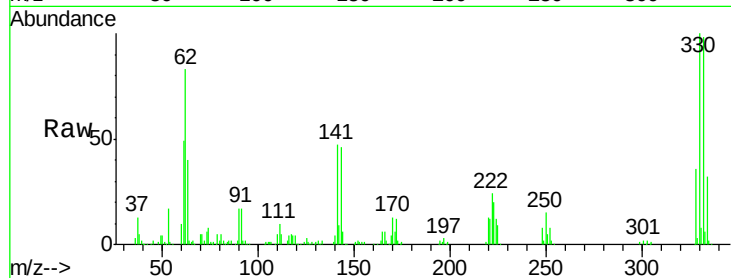




#41
 2,4,6-Tribromophenol
 Concen: 95.62 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

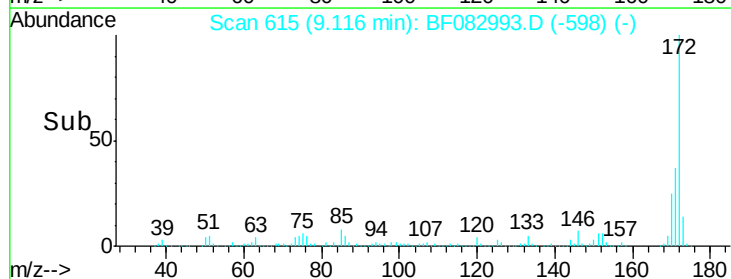
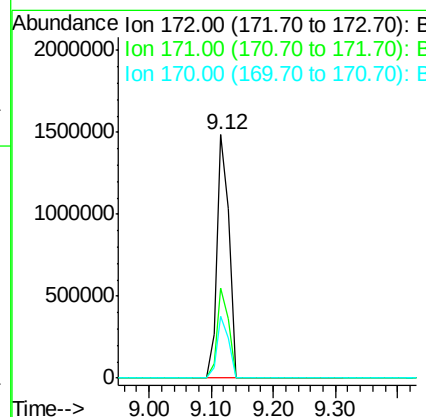
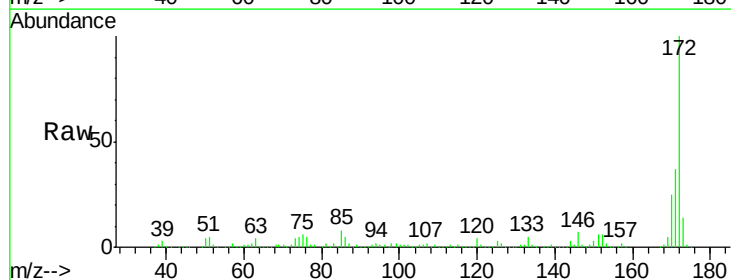
Instrument :
 BNA_F
 ClientSampleId :

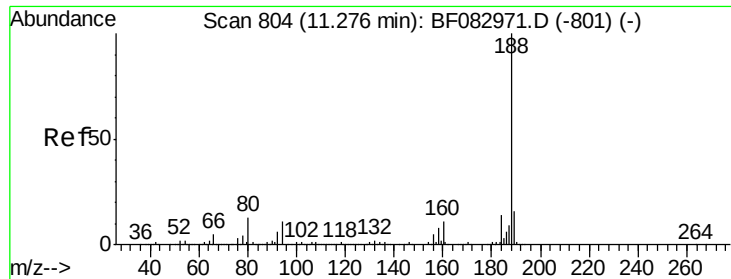
Tgt Ion:330 Resp: 417140
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 39.4 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 72.64 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

Tgt Ion:172 Resp: 1928359
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.2 21.2 31.8

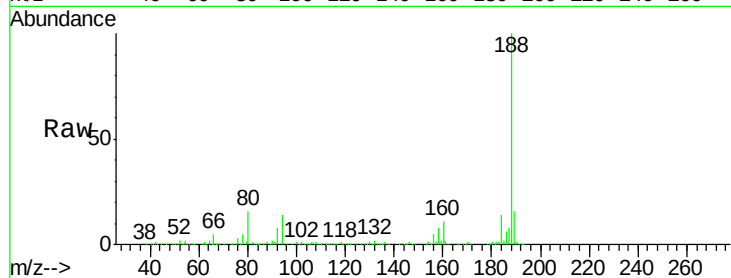




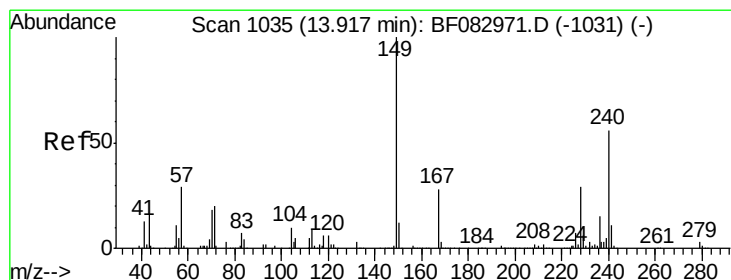
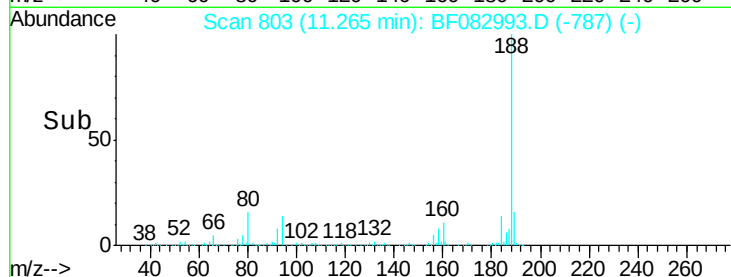
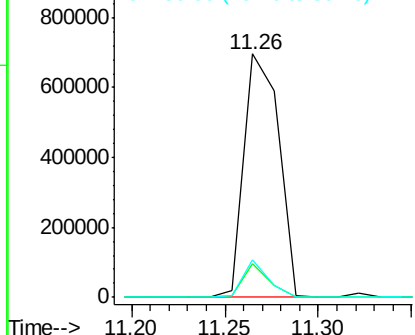
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.11 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 903084
Ion Ratio Lower Upper
188 100
94 13.8 6.1 9.1#
80 15.6 7.0 10.6#

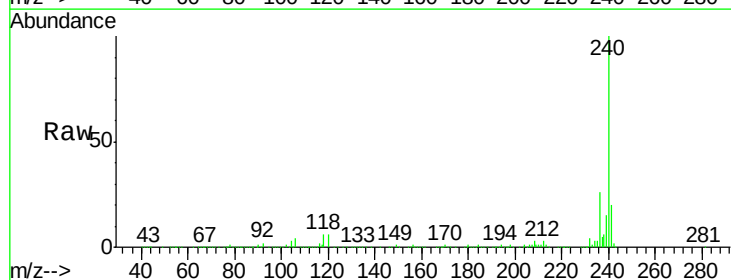


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

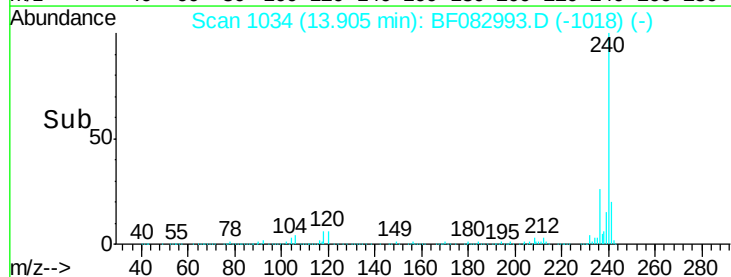
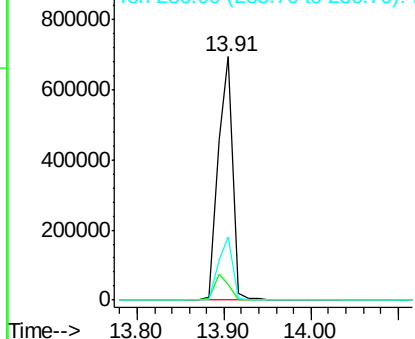


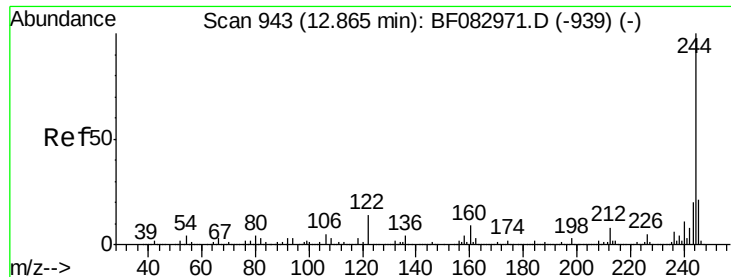
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082993.D
Acq: 18 Nov 2015 4:22

Tgt Ion:240 Resp: 818964
Ion Ratio Lower Upper
240 100
120 6.5 10.9 16.3#
236 26.1 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

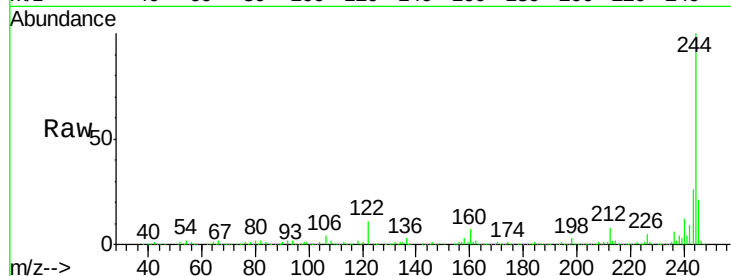




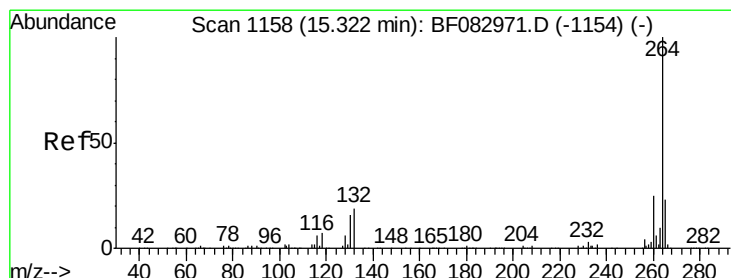
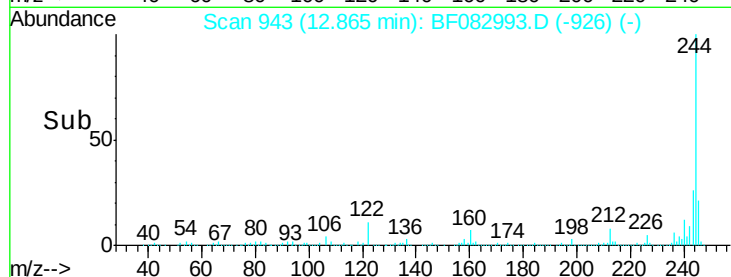
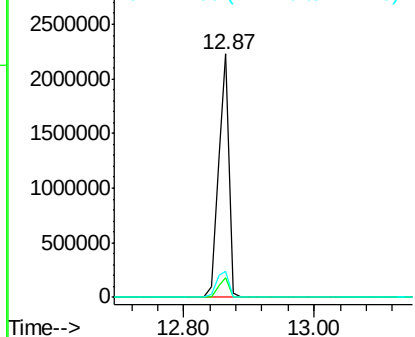
#78
 Terphenyl-d14
 Concen: 73.32 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:244 Resp: 2531622
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.6 11.4
 122 10.8 11.3 16.9#

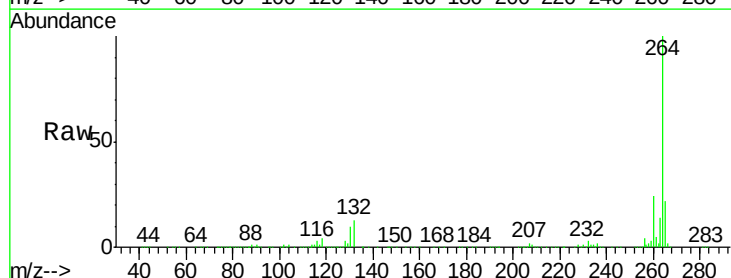


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082993.D
 Acq: 18 Nov 2015 4:22

Tgt Ion:264 Resp: 589563
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.7 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

