

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082992.D
 Acq On : 18 Nov 2015 3:53
 Operator : UM/IZ
 Sample : G4407-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 06:32:04 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	183283	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	733153	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	382128	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	696218	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	693179	20.00	ng	-0.11
86) Perylene-d12	15.30	264	502227	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	734922	62.39	ng	-0.09
7) Phenol-d6	6.40	99	568664	36.31	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1384520	82.17	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	465820	106.32	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	2070196	77.65	ng	-0.10
78) Terphenyl-d14	12.87	244	2122633	72.63	ng	-0.10

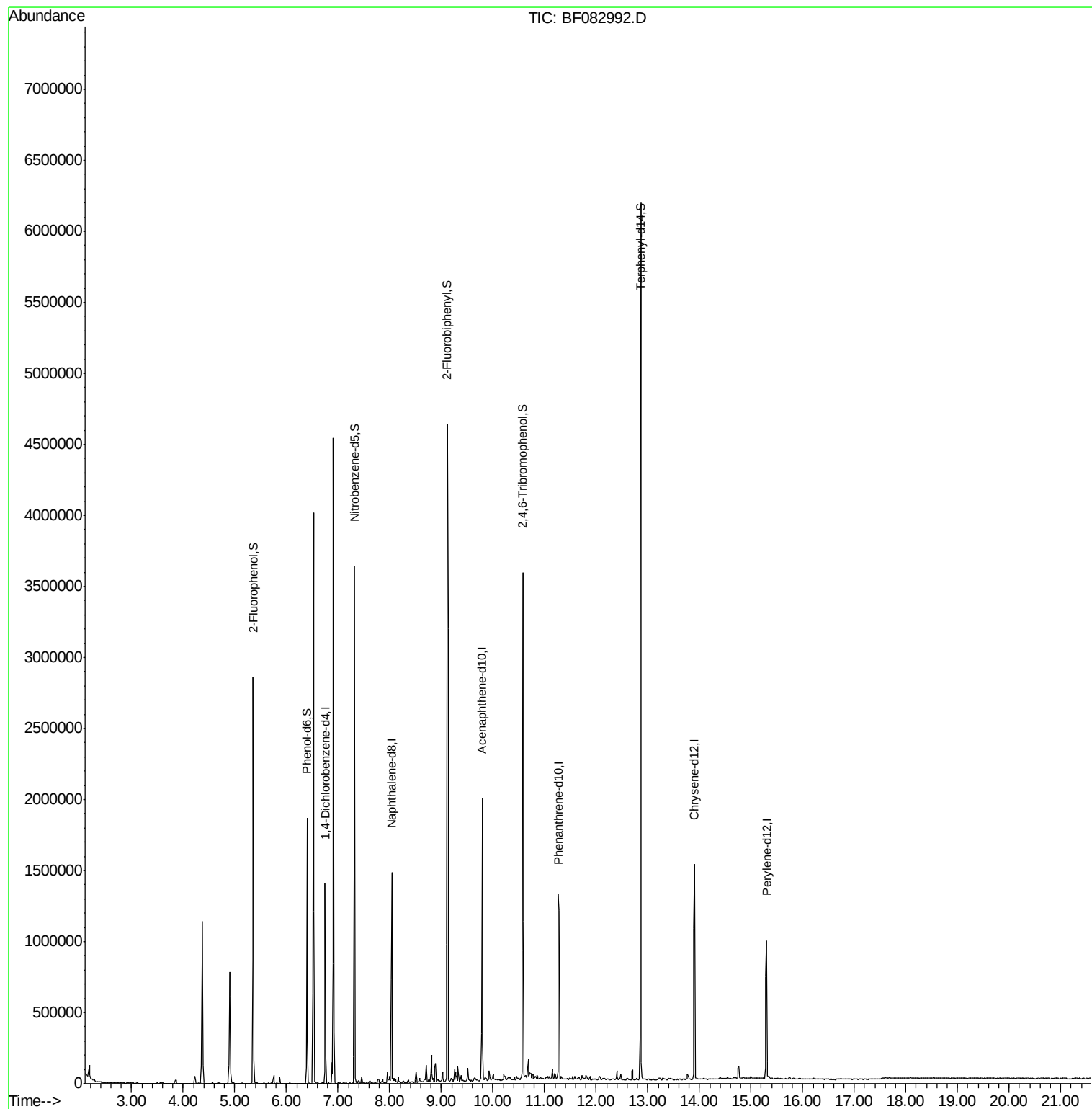
Target Compounds	Qvalue
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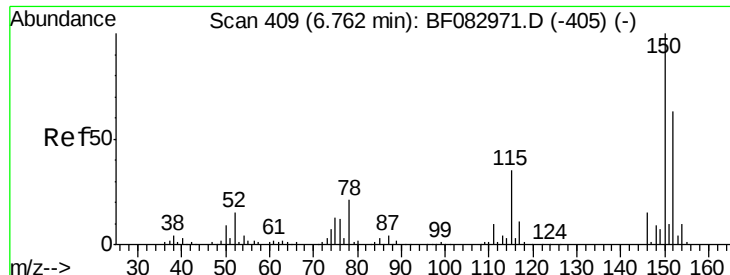
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082992.D

Acq: 18 Nov 2015 3:53

Instrument :

BNA_F

ClientSampleId :

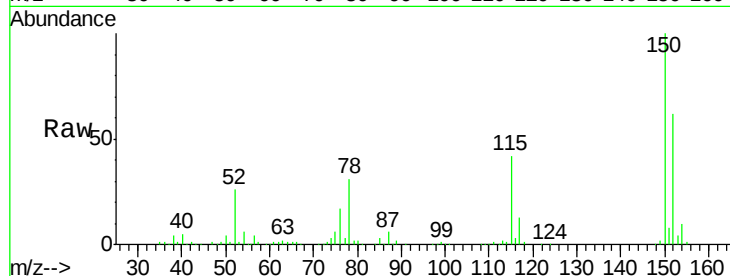
Tgt Ion:152 Resp: 183283

Ion Ratio Lower Upper

152 100

150 161.8 127.0 190.4

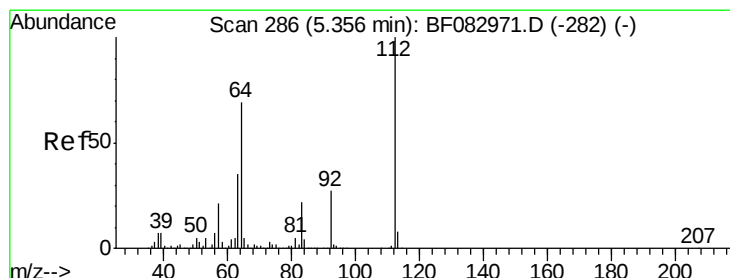
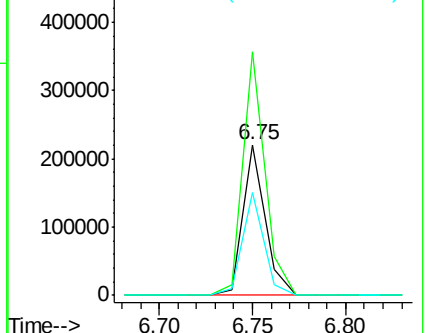
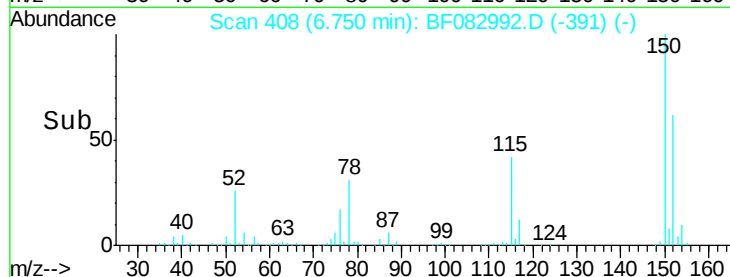
115 68.4 47.0 70.6



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: 62.39 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082992.D

Acq: 18 Nov 2015 3:53

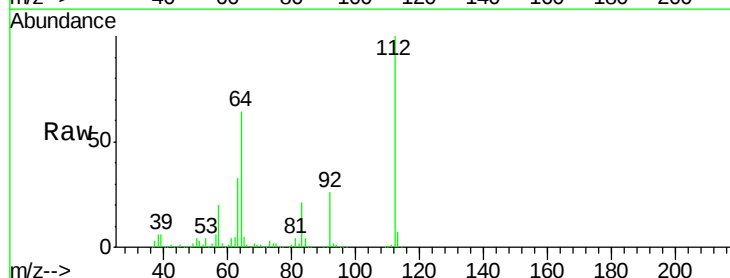
Tgt Ion:112 Resp: 734922

Ion Ratio Lower Upper

112 100

64 64.2 48.9 73.3

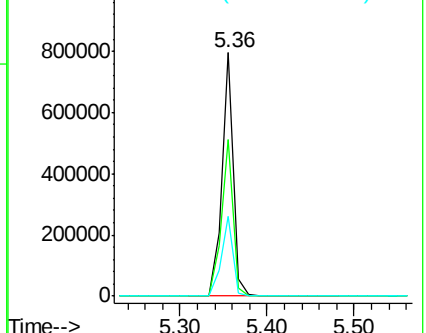
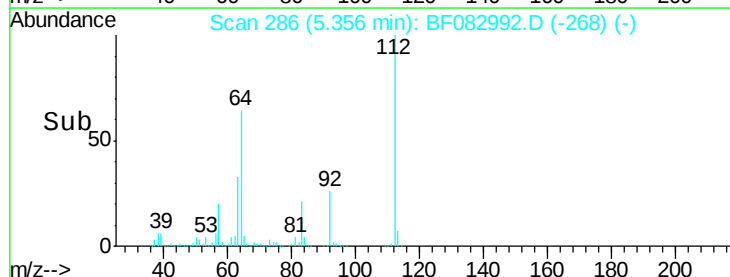
63 32.8 28.1 42.1

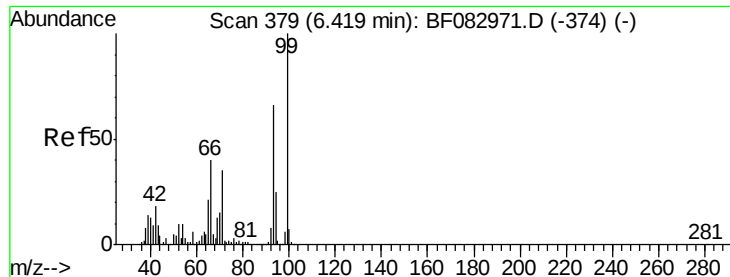


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.31 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082992.D

Acq: 18 Nov 2015 3:53

Instrument :

BNA_F

ClientSampleId :

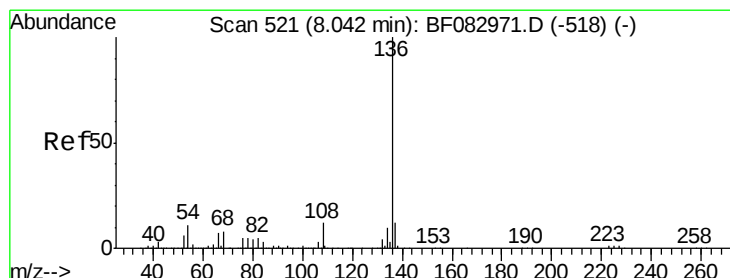
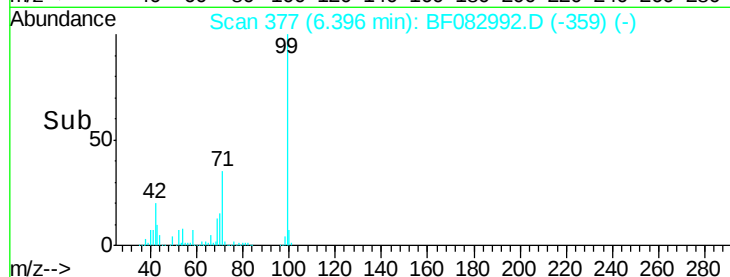
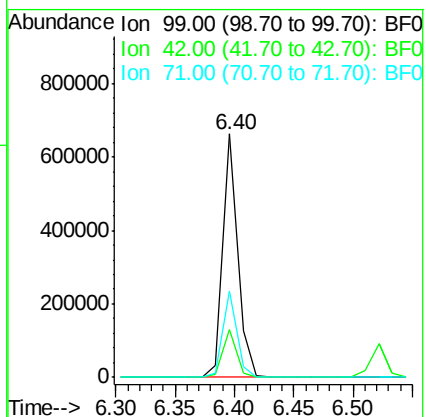
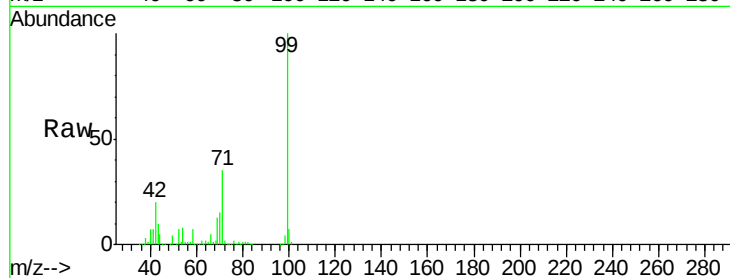
Tgt Ion: 99 Resp: 568664

Ion Ratio Lower Upper

99 100

42 19.7 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: BF082992.D

Acq: 18 Nov 2015 3:53

Tgt Ion: 136 Resp: 733153

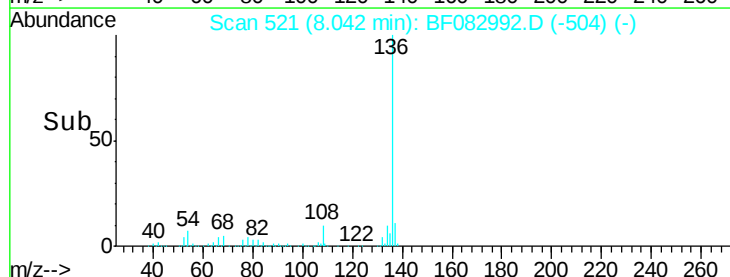
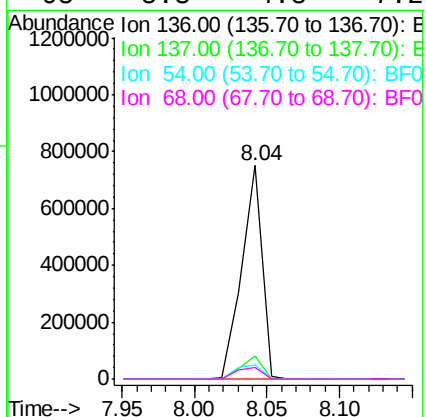
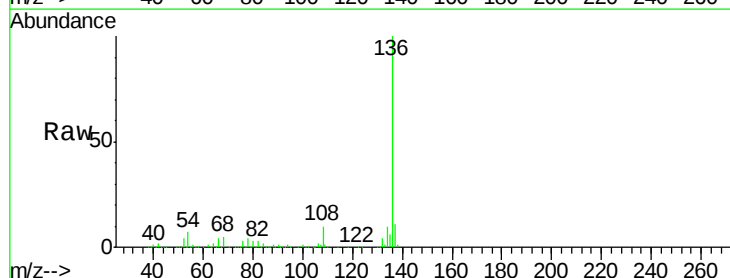
Ion Ratio Lower Upper

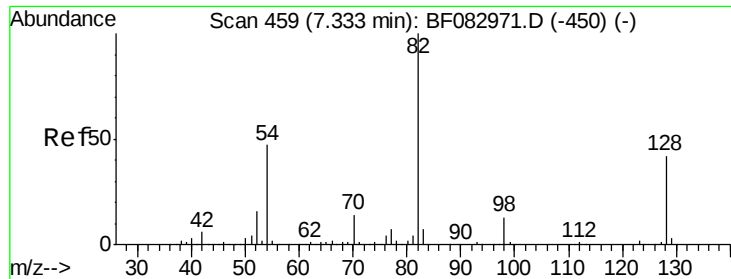
136 100

137 11.0 9.1 13.7

54 6.8 9.1 13.7#

68 5.3 4.8 7.2

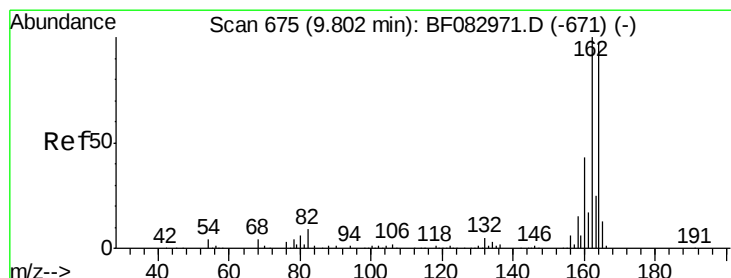
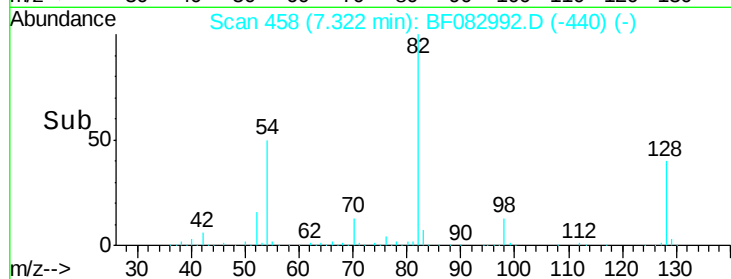
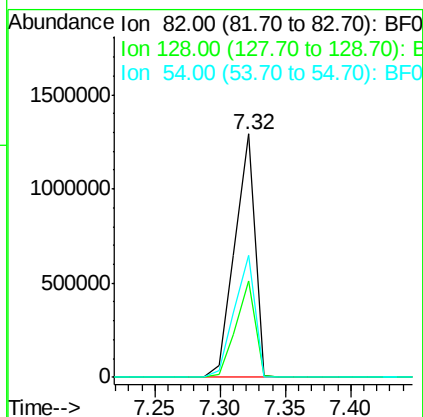
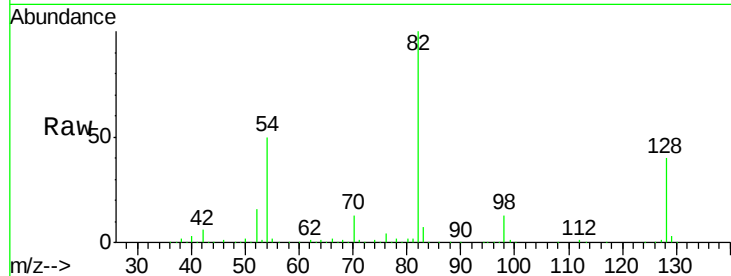




#23
 Nitrobenzene-d5
 Concen: 82.17 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082992.D
 Acq: 18 Nov 2015 3:53

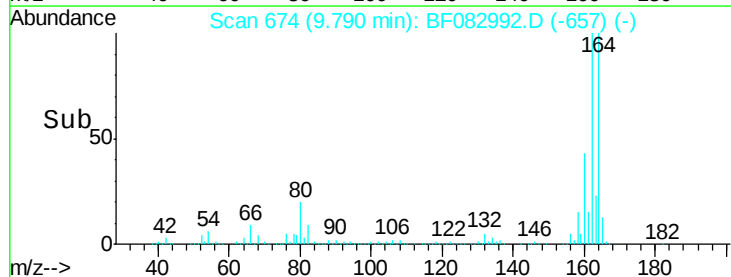
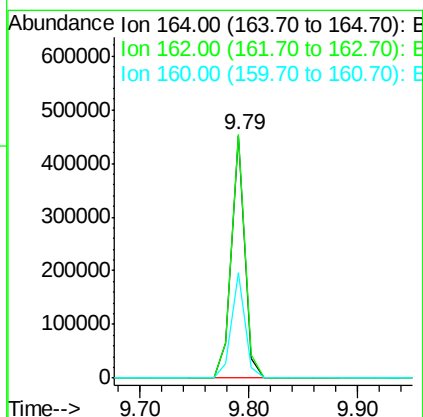
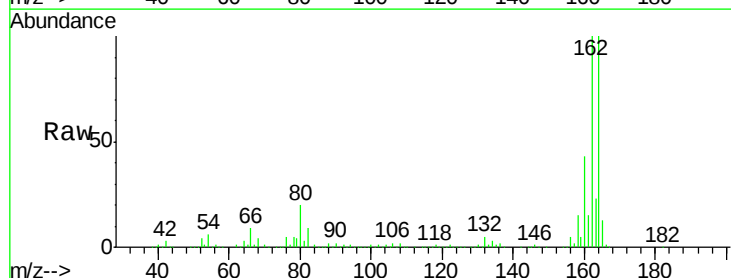
Instrument :
 BNA_F
 ClientSampleId :

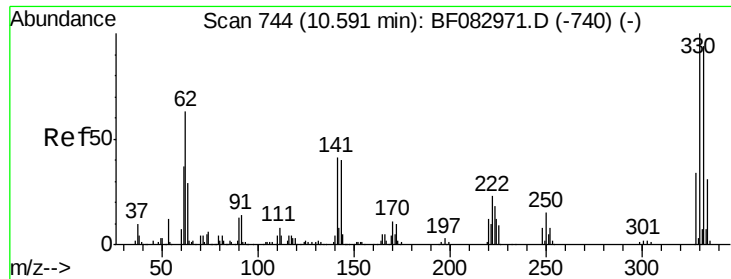
Tgt Ion: 82 Resp: 1384520
 Ion Ratio Lower Upper
 82 100
 128 39.8 26.8 40.2
 54 50.4 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082992.D
 Acq: 18 Nov 2015 3:53

Tgt Ion: 164 Resp: 382128
 Ion Ratio Lower Upper
 164 100
 162 100.4 84.9 127.3
 160 43.4 37.5 56.3

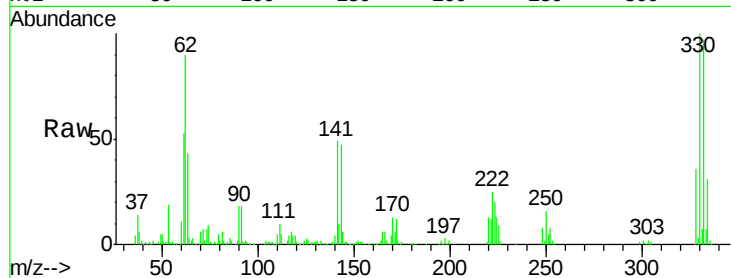




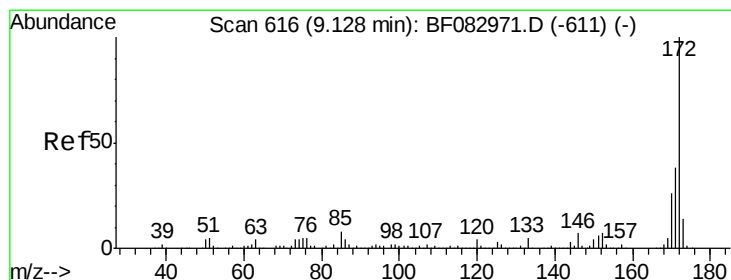
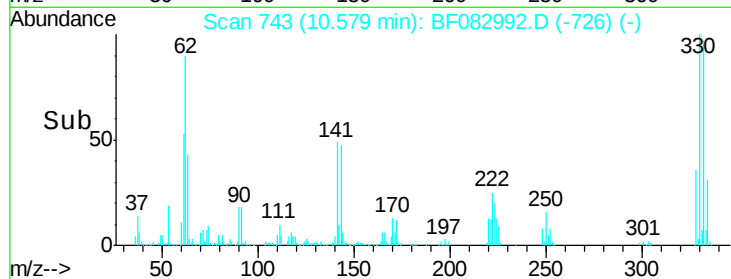
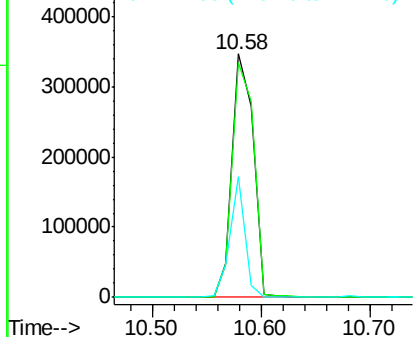
#41
 2,4,6-Tribromophenol
 Concen: 106.32 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082992.D
 Acq: 18 Nov 2015 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 465820
 Ion Ratio Lower Upper
 330 100
 332 99.1 76.6 114.8
 141 35.7 41.2 61.8#

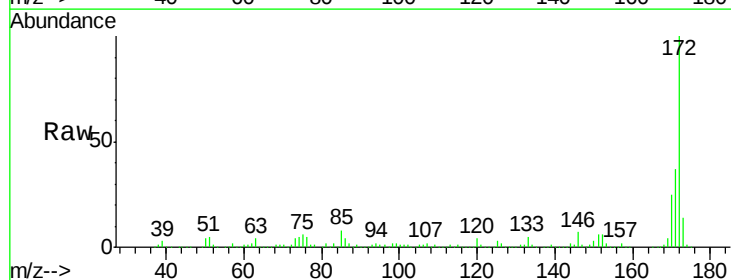


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

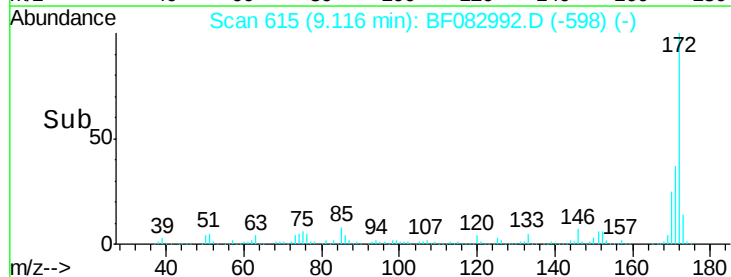
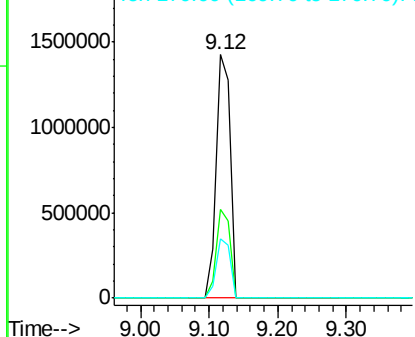


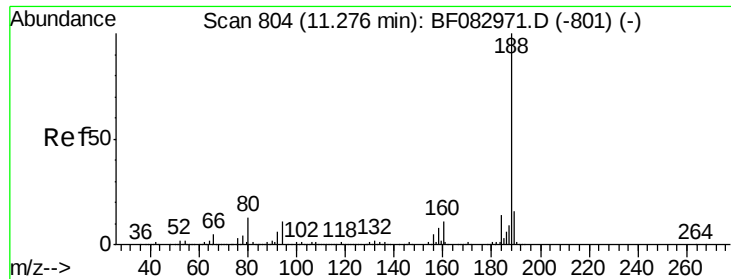
#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082992.D
 Acq: 18 Nov 2015 3:53

Tgt Ion:172 Resp: 2070196
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.8 46.2
 170 24.6 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

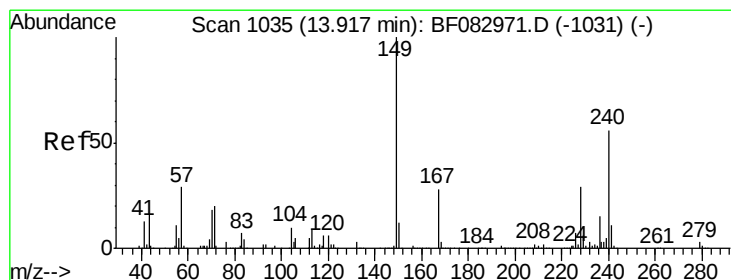
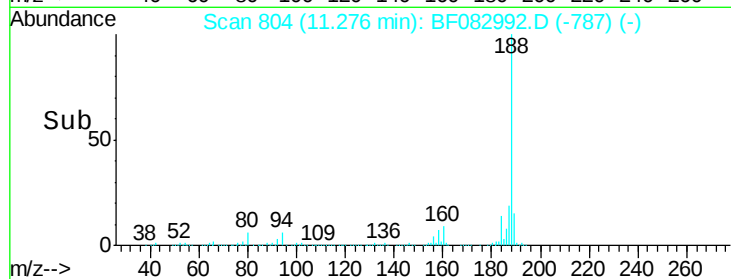
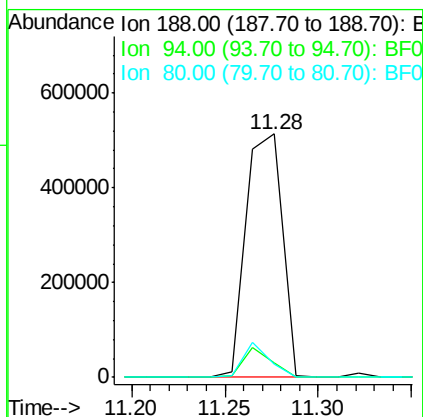
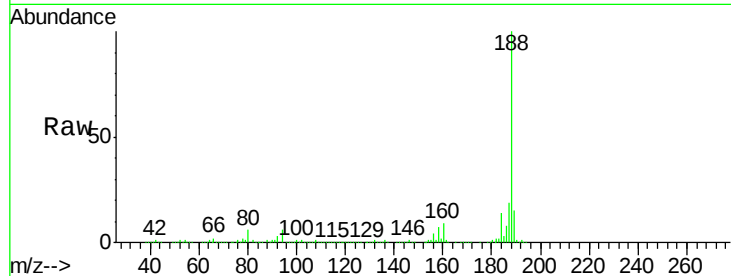




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082992.D
Acq: 18 Nov 2015 3:53

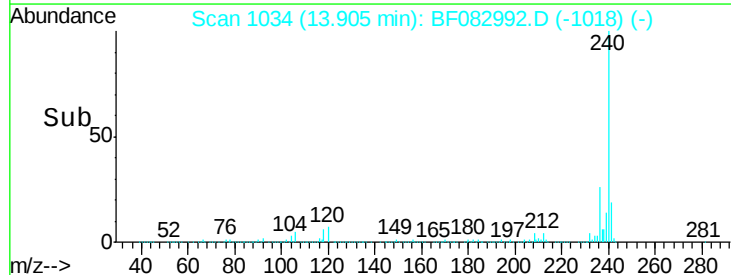
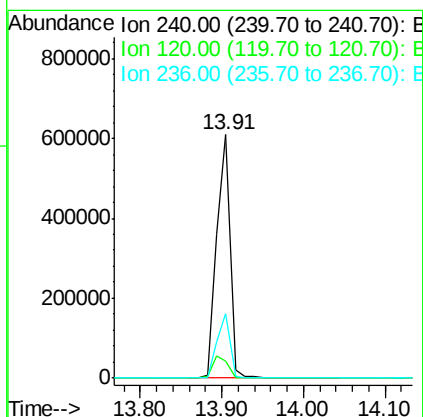
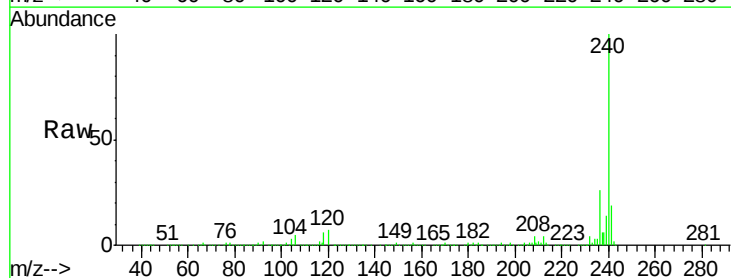
Instrument :
BNA_F
ClientSampleId :

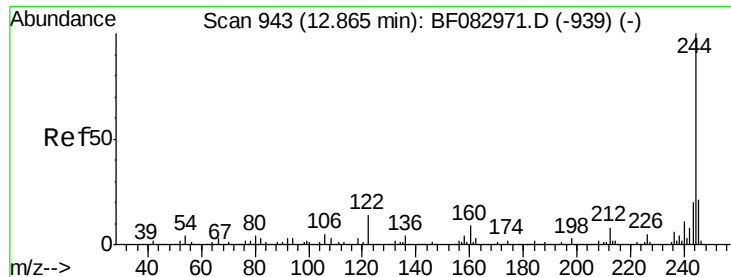
Tgt Ion:188 Resp: 696218
Ion Ratio Lower Upper
188 100
94 5.8 6.1 9.1#
80 5.6 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082992.D
Acq: 18 Nov 2015 3:53

Tgt Ion:240 Resp: 693179
Ion Ratio Lower Upper
240 100
120 6.9 10.9 16.3#
236 26.3 21.6 32.4

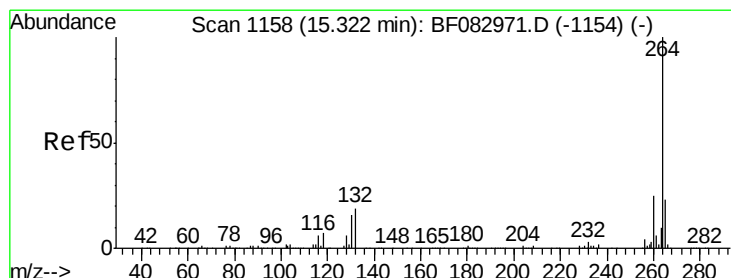
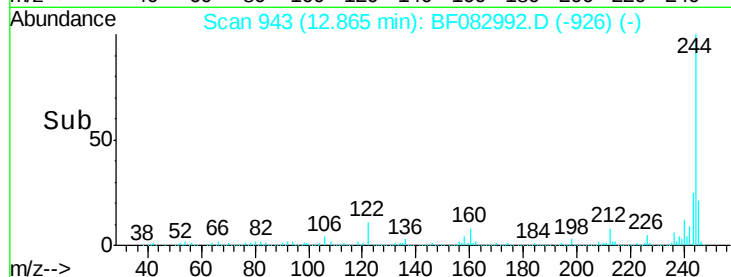
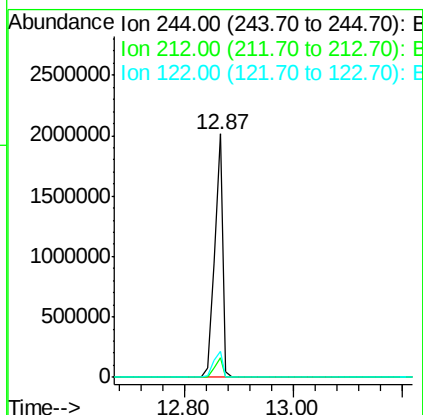
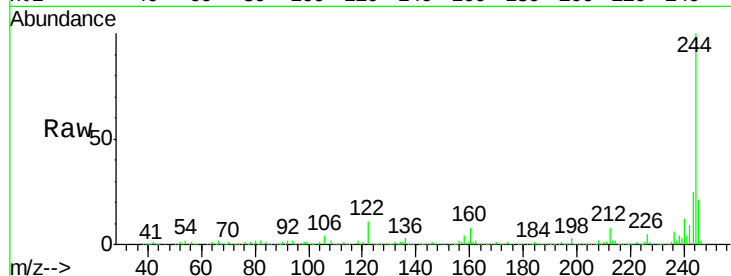




#78
 Terphenyl-d14
 Concen: 72.63 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082992.D
 Acq: 18 Nov 2015 3:53

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 2122633
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.6 11.4
 122 10.6 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082992.D
 Acq: 18 Nov 2015 3:53

Tgt Ion:264 Resp: 502227
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 22.1 17.4 26.0

