

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091233.D
 Acq On : 18 Nov 2016 14:27
 Operator : UM/SJ
 Sample : H5681-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-6W

Quant Time: Nov 18 22:17:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 18 22:14:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	159052	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	741340	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	340730	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	593509	20.00	ng	0.00
75) Chrysene-d12	13.76	240	576229	20.00	ng	-0.01
86) Perylene-d12	15.13	264	465530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	475888	49.41	ng	0.01
7) Phenol-d6	6.26	99	390721	29.89	ng	-0.01
23) Nitrobenzene-d5	7.18	82	875565	64.43	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	458344	148.79	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1758582	88.86	ng	0.00
78) Terphenyl-d14	12.72	244	1817136	78.69	ng	0.00

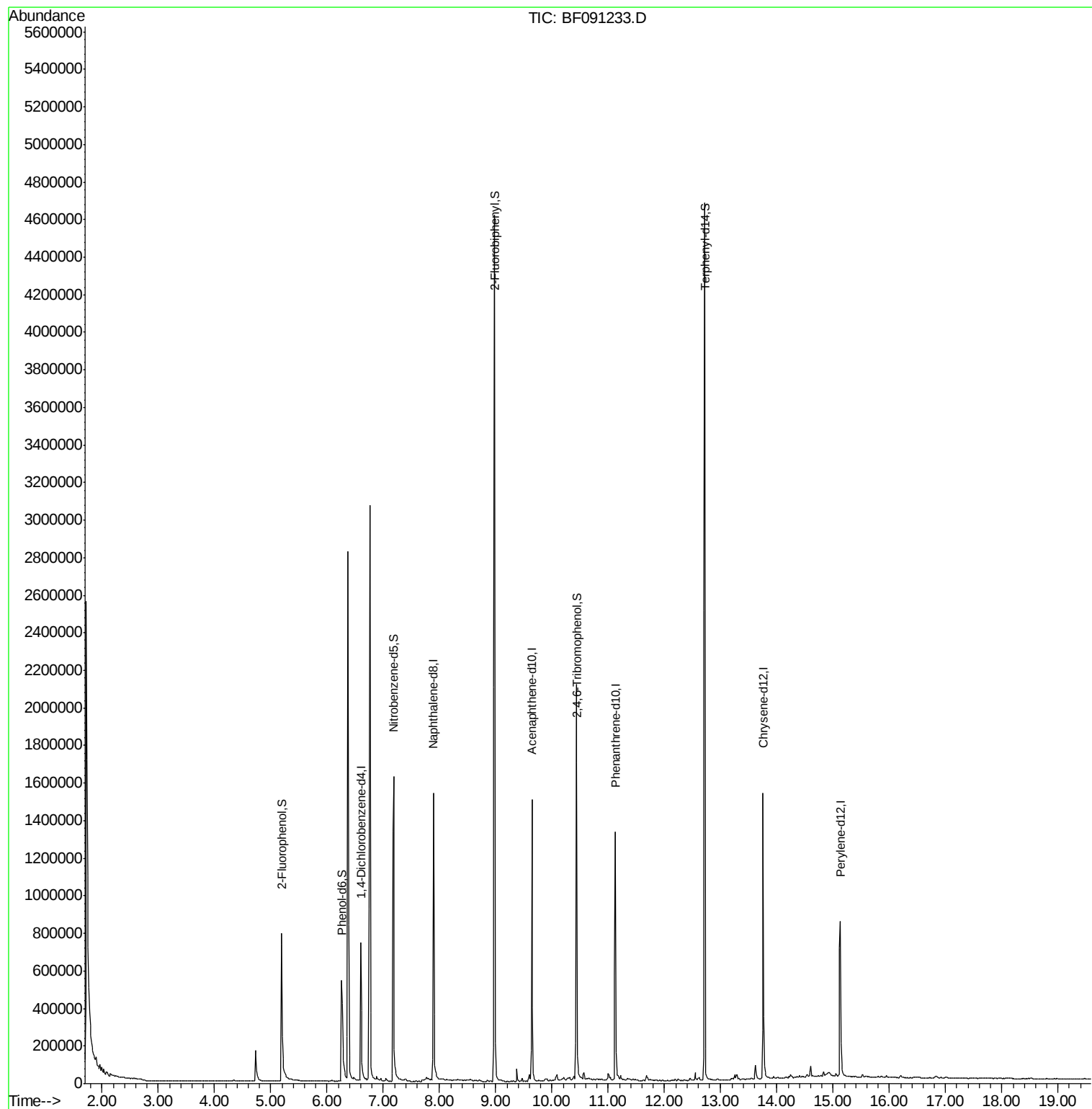
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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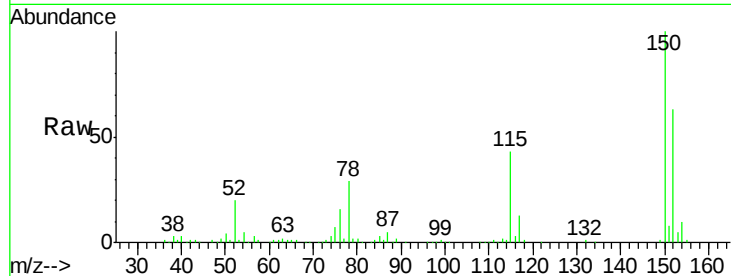




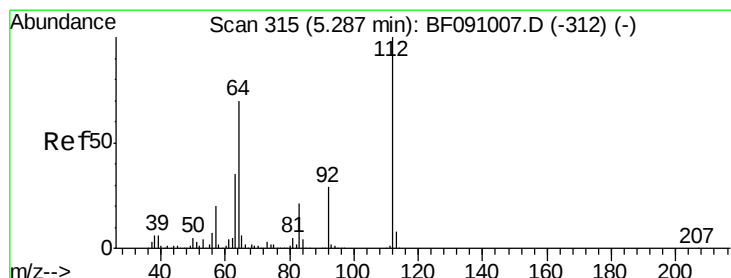
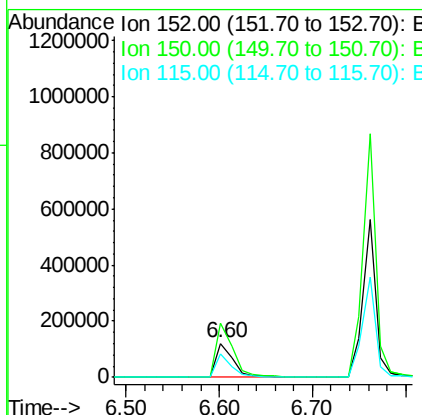
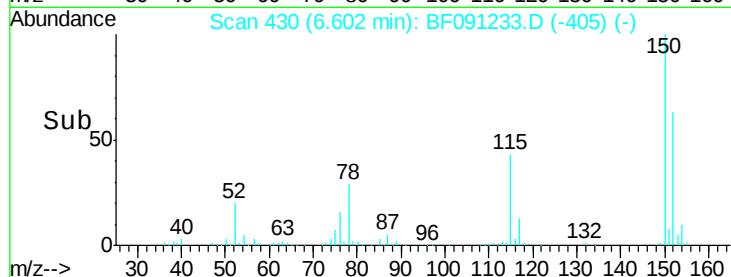
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: BF091233.D
 Acq: 18 Nov 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 WQ-6W

Tgt Ion:152 Resp: 159052
 Ion Ratio Lower Upper
 152 100
 150 158.1 126.8 190.2
 115 67.4 53.3 79.9

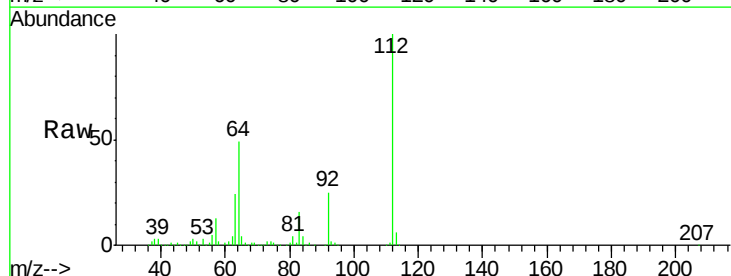


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

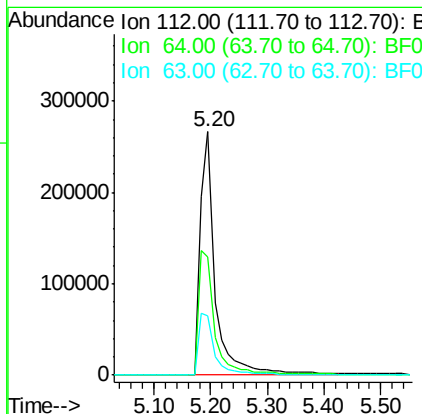
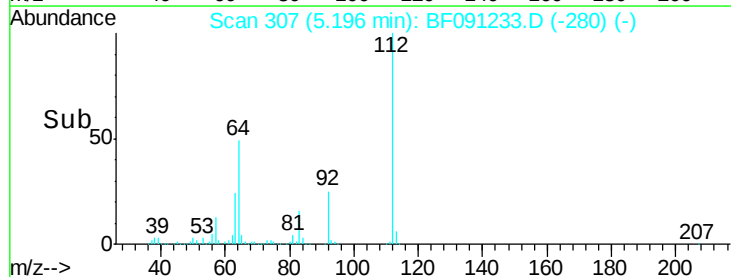


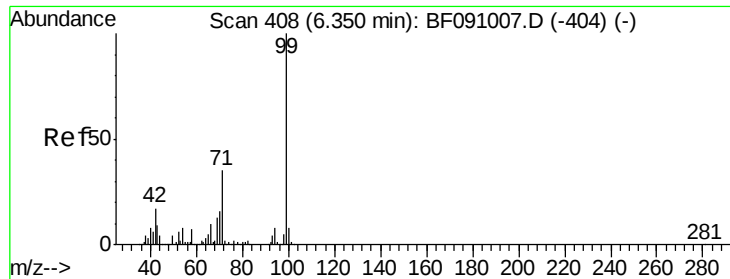
#5
 2-Fluorophenol
 Concen: 49.41 ng
 RT: 5.20 min Scan# 307
 Delta R.T. 0.01 min
 Lab File: BF091233.D
 Acq: 18 Nov 2016 14:27

Tgt Ion:112 Resp: 475888
 Ion Ratio Lower Upper
 112 100
 64 48.8 55.8 83.6#
 63 24.4 28.0 42.0#



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: 29.89 ng

RT: 6.26 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF091233.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA_F

ClientSampleId :

WQ-6W

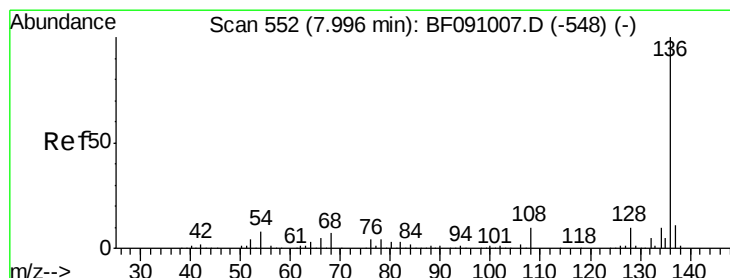
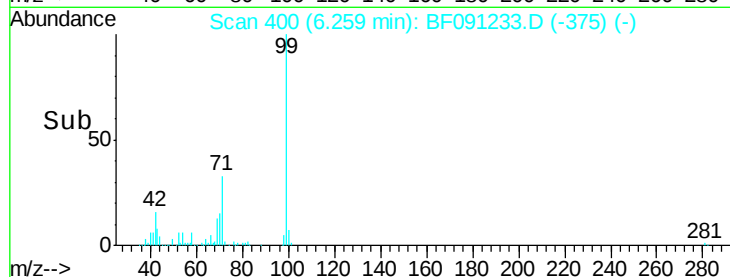
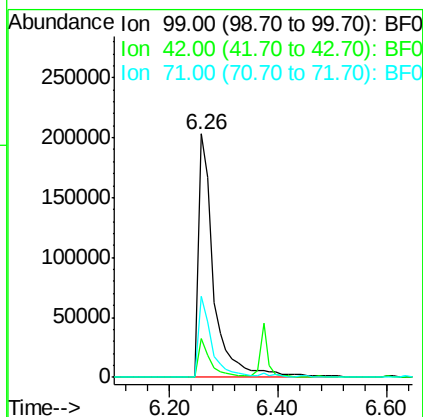
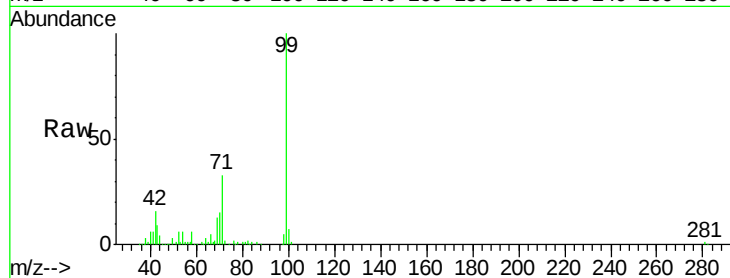
Tgt Ion: 99 Resp: 390721

Ion Ratio Lower Upper

99 100

42 15.7 13.9 20.9

71 33.3 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF091233.D

Acq: 18 Nov 2016 14:27

Tgt Ion: 136 Resp: 741340

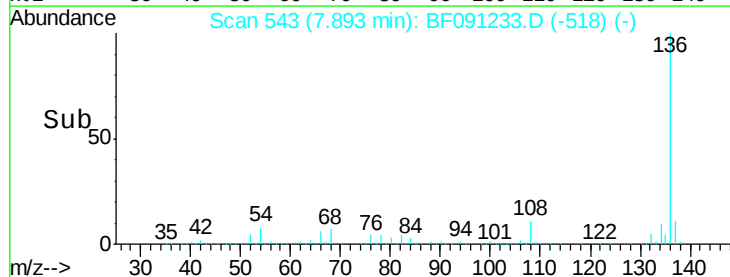
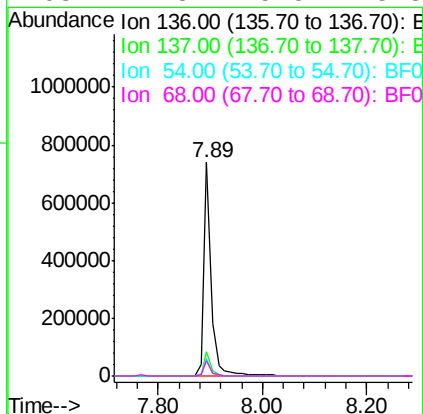
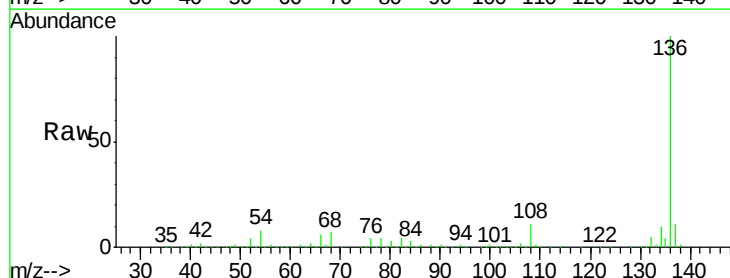
Ion Ratio Lower Upper

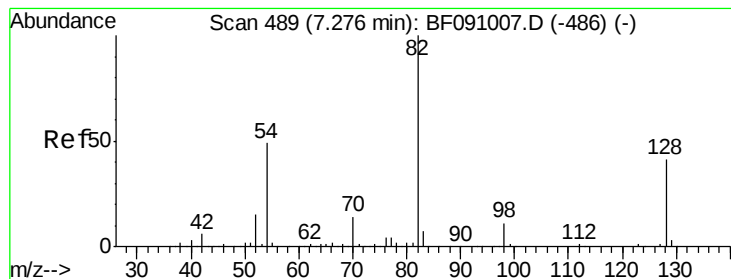
136 100

137 11.4 8.9 13.3

54 8.4 6.2 9.2

68 7.3 5.5 8.3





#23

Nitrobenzene-d5

Concen: 64.43 ng

RT: 7.18 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF091233.D

Acq: 18 Nov 2016 14:27

Instrument :

BNA_F

ClientSampleId :

WQ-6W

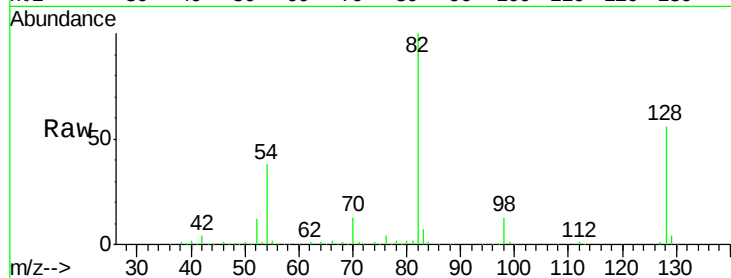
Tgt Ion: 82 Resp: 875565

Ion Ratio Lower Upper

82 100

128 56.3 32.4 48.6#

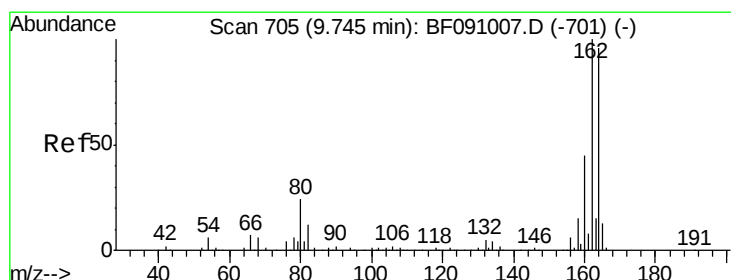
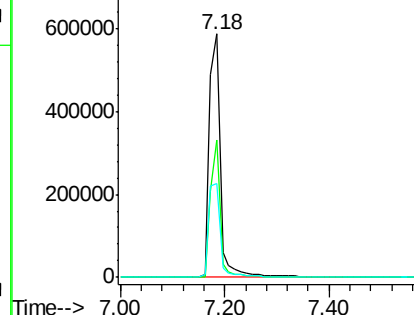
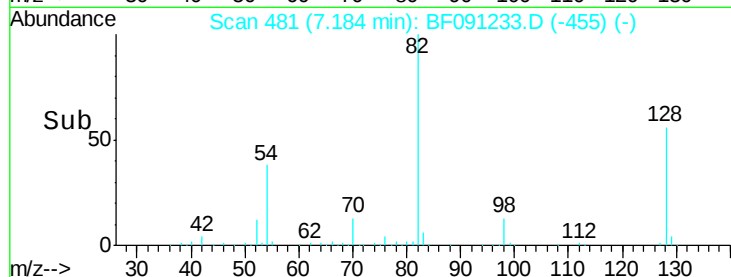
54 38.3 39.2 58.8#



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: 9.64 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF091233.D

Acq: 18 Nov 2016 14:27

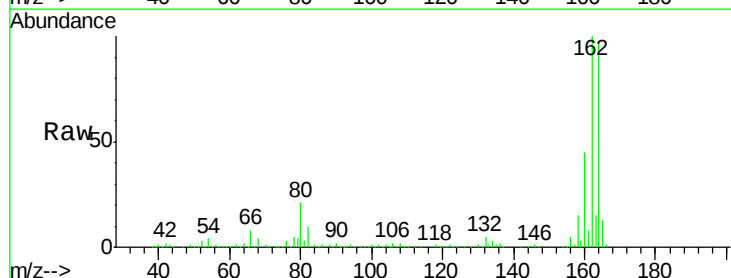
Tgt Ion: 164 Resp: 340730

Ion Ratio Lower Upper

164 100

162 103.4 83.6 125.4

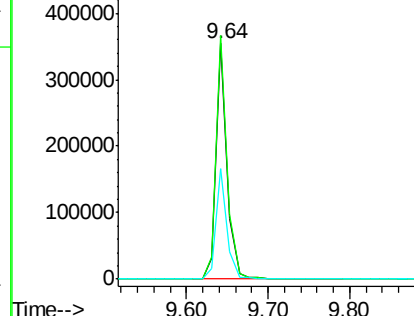
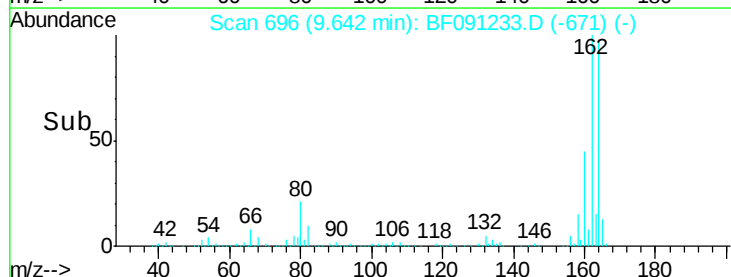
160 46.7 37.9 56.9



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

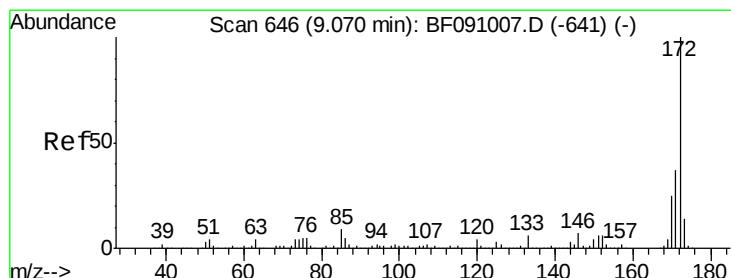
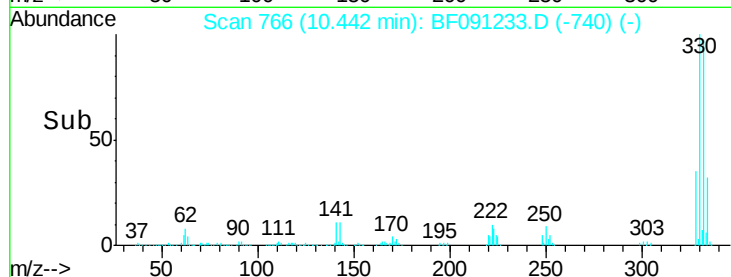
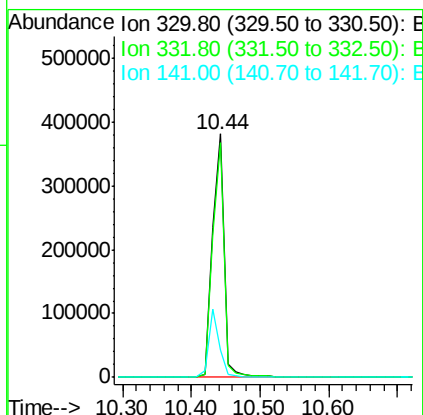
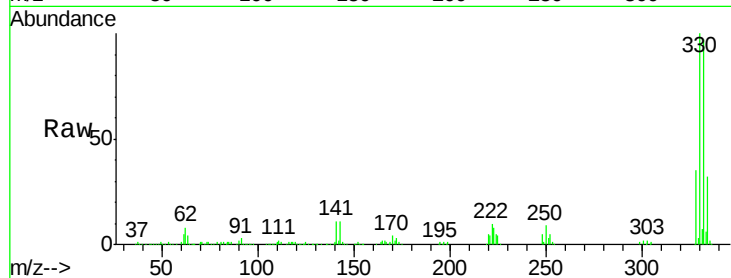




#41
 2,4,6-Tribromophenol
 Concen: 148.79 ng
 RT: 10.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF091233.D
 Acq: 18 Nov 2016 14:27

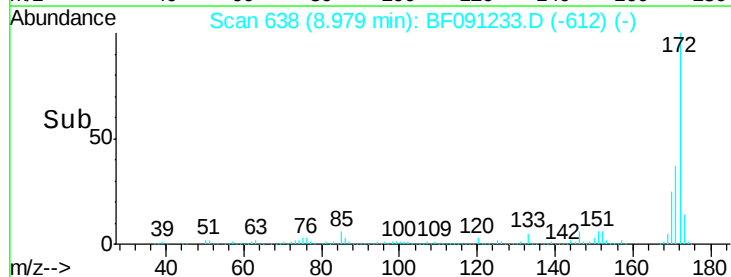
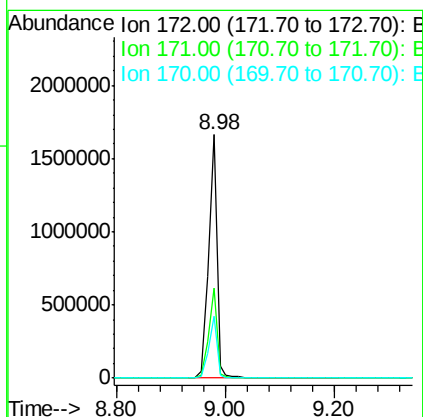
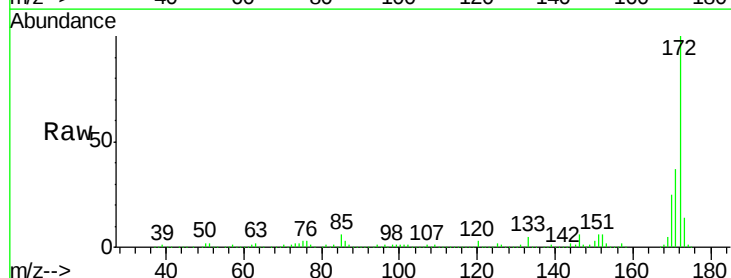
Instrument :
 BNA_F
 ClientSampleId :
 WQ-6W

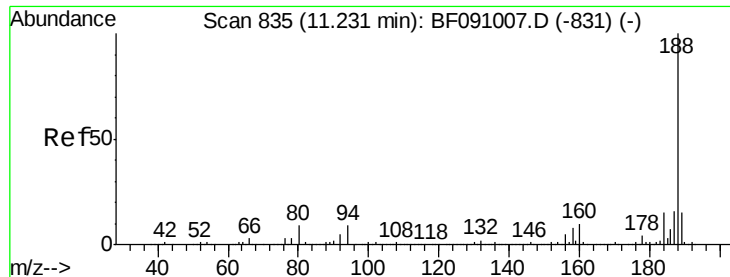
Tgt Ion:330 Resp: 458344
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 26.2 36.1 54.1#



#44
 2-Fluorobiphenyl
 Concen: 88.86 ng
 RT: 8.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF091233.D
 Acq: 18 Nov 2016 14:27

Tgt Ion:172 Resp: 1758582
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.1 20.3 30.5

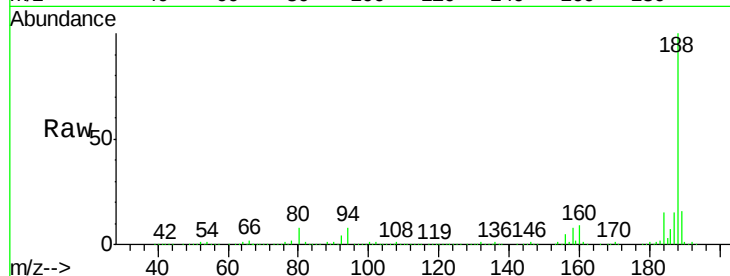




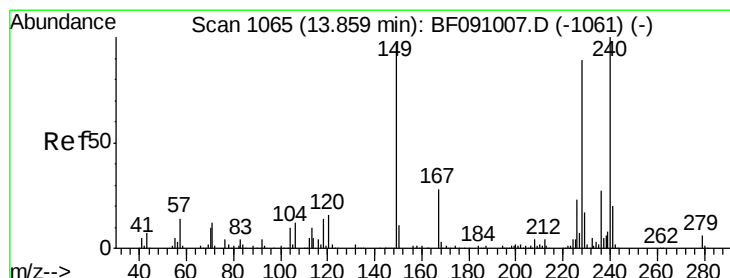
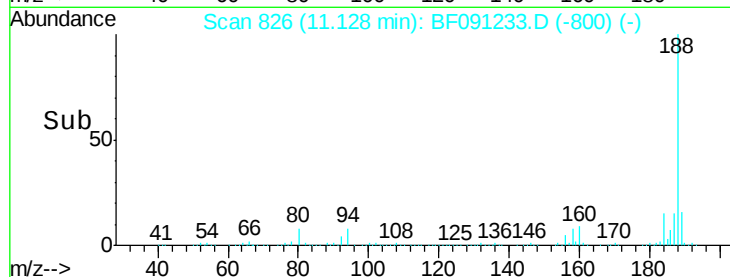
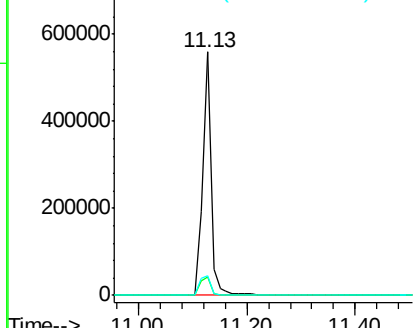
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF091233.D
Acq: 18 Nov 2016 14:27

Instrument :
BNA_F
ClientSampleId :
WQ-6W

Tgt Ion:188 Resp: 593509
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.4
80 8.2 7.5 11.3

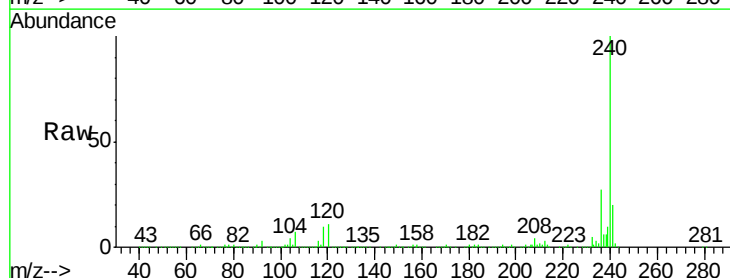


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

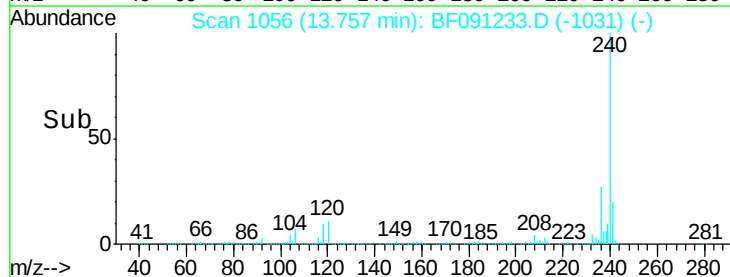
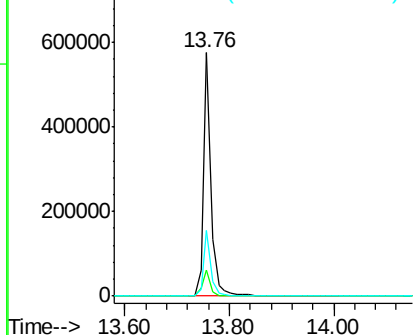


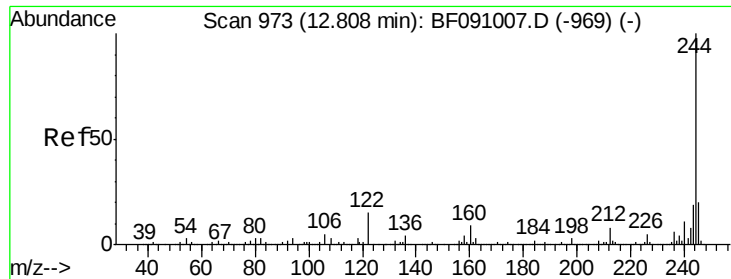
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF091233.D
Acq: 18 Nov 2016 14:27

Tgt Ion:240 Resp: 576229
Ion Ratio Lower Upper
240 100
120 10.8 12.9 19.3#
236 27.1 21.9 32.9



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

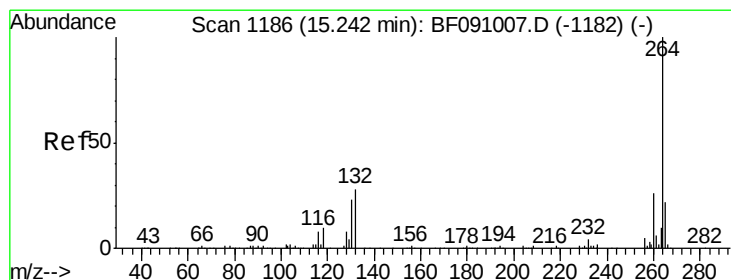
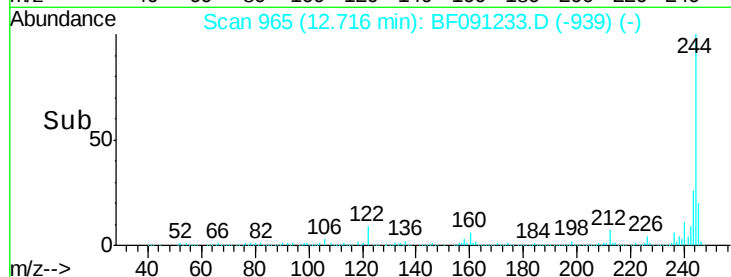
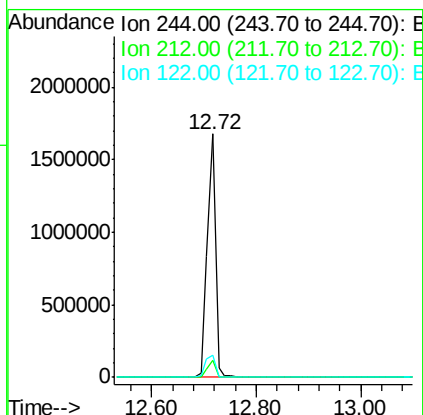
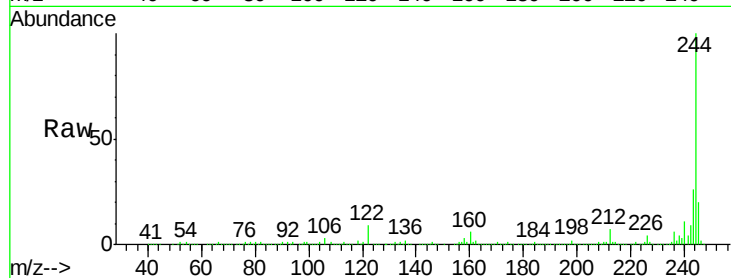




#78
 Terphenyl-d14
 Concen: 78.69 ng
 RT: 12.72 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF091233.D
 Acq: 18 Nov 2016 14:27

Instrument :
 BNA_F
 ClientSampleId :
 WQ-6W

Tgt Ion:244 Resp: 1817136
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.4 9.6
 122 9.0 12.3 18.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF091233.D
 Acq: 18 Nov 2016 14:27

Tgt Ion:264 Resp: 465530
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 21.4 17.8 26.8

