

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091148.D
 Acq On : 11 Nov 2016 18:57
 Operator : UM/SJ
 Sample : H5609-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Quant Time: Nov 12 00:14:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	164716	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	756526	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	396972	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	563661	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	445865	20.00	ng	-0.03
86) Perylene-d12	15.15	264	316611	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	717433	71.93	ng	-0.01
7) Phenol-d6	6.29	99	614650	45.40	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1448459	104.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	550433	153.37	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2160211	93.69	ng	-0.02
78) Terphenyl-d14	12.74	244	2001204	112.00	ng	-0.02

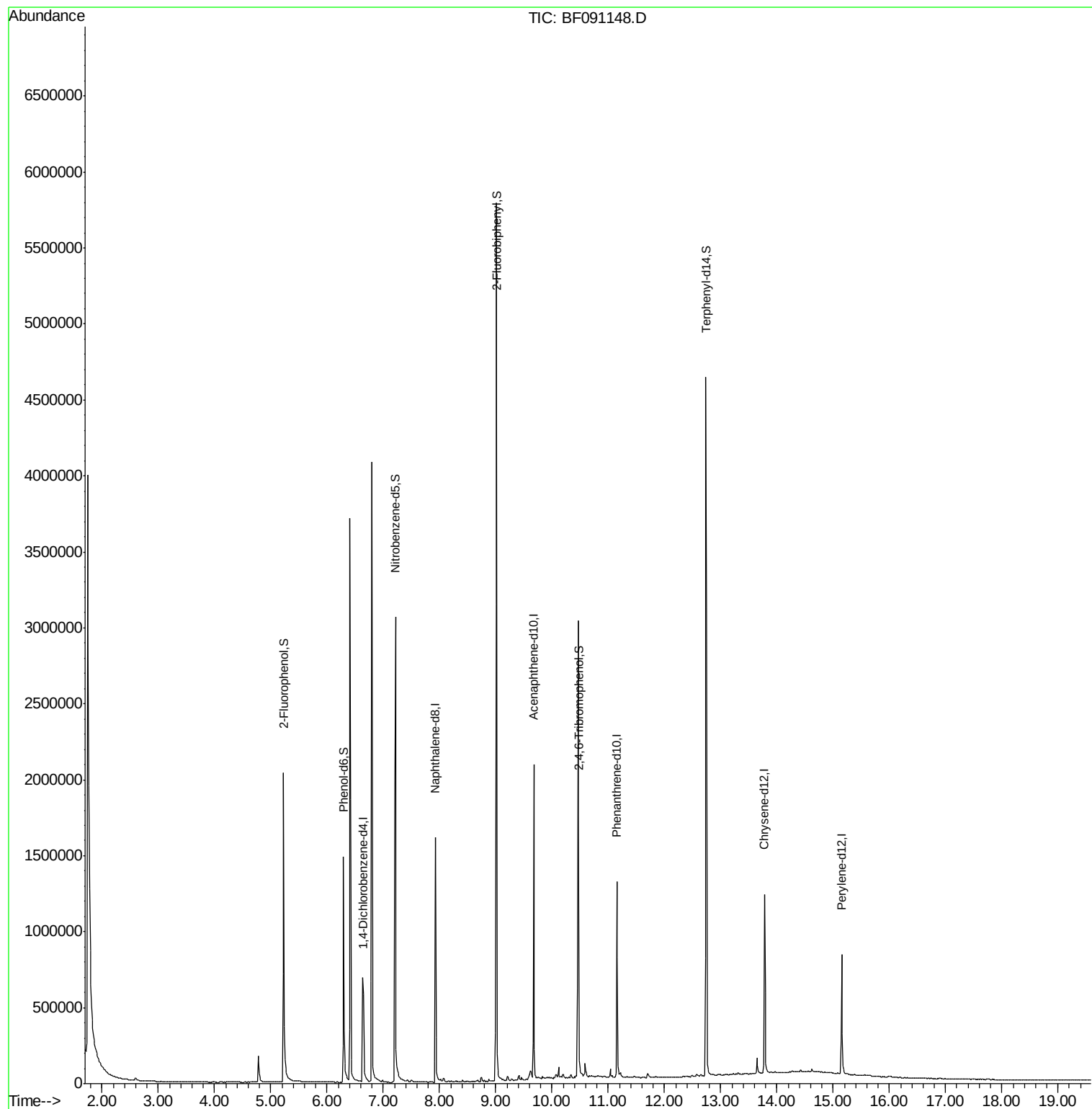
Target Compounds Qvalue

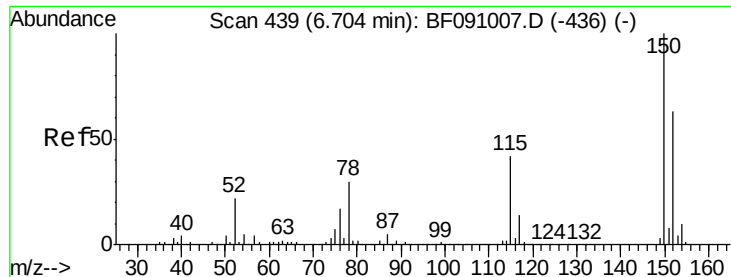
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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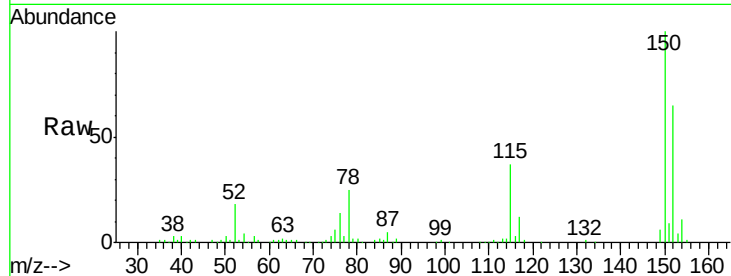


#1

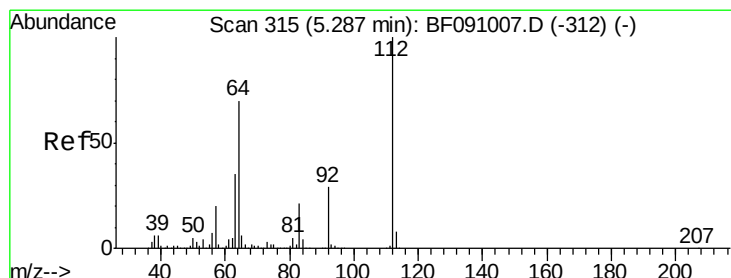
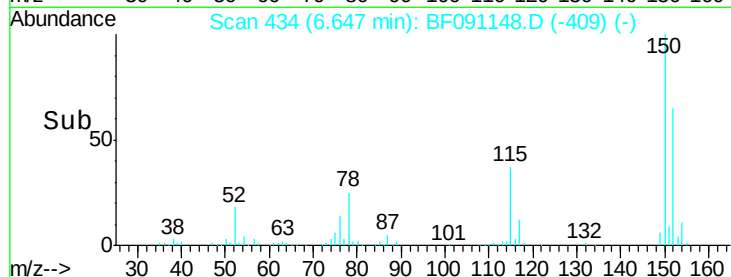
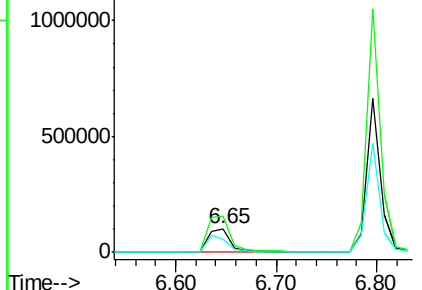
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091148.D
Acq: 11 Nov 2016 18:57

Instrument :
BNA_F
ClientSampleId :
MW-9R

Tot Ion:152 Resp: 164716
Ion Ratio Lower Upper
152 100
150 154.3 126.8 190.2
115 57.4 53.3 79.9



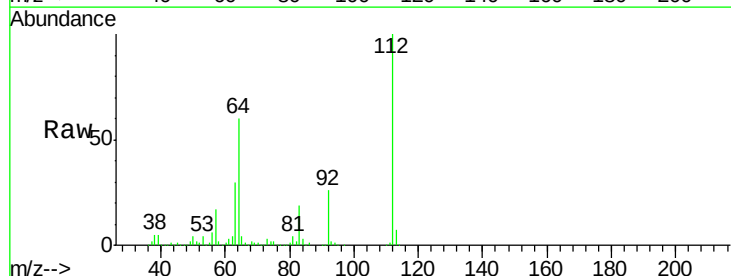
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



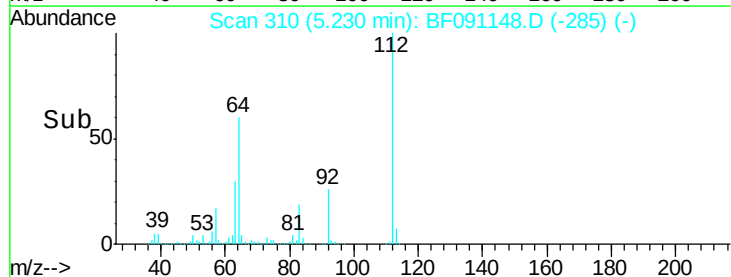
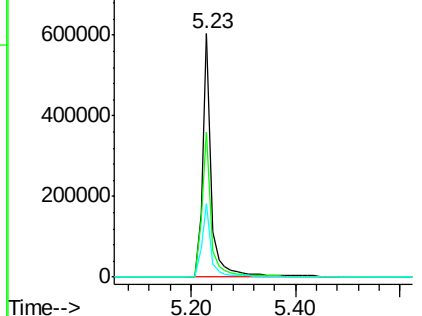
#5

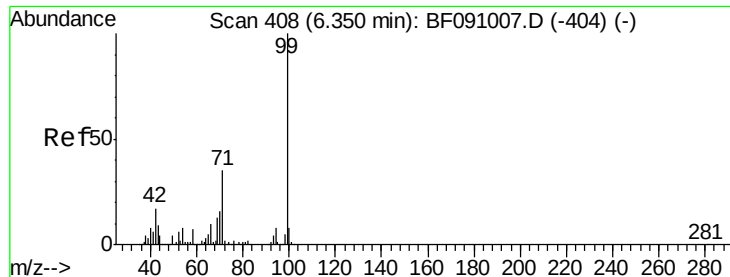
2-Fluorophenol
Concen: 71.93 ng
RT: 5.23 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF091148.D
Acq: 11 Nov 2016 18:57

Tgt Ion:112 Resp: 717433
Ion Ratio Lower Upper
112 100
64 59.6 55.8 83.6
63 30.1 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: 45.40 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

Instrument :

BNA_F

ClientSampleId :

MW-9R

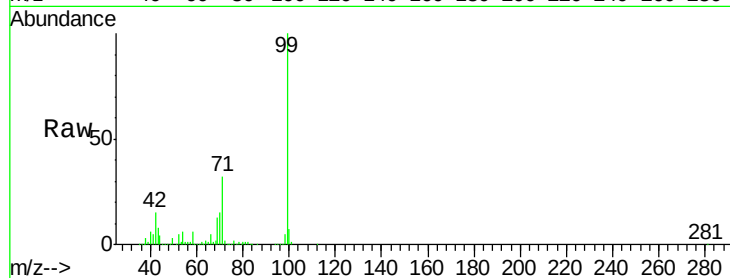
Tot Ion: 99 Resp: 614650

Ion Ratio Lower Upper

99 100

42 15.2 13.9 20.9

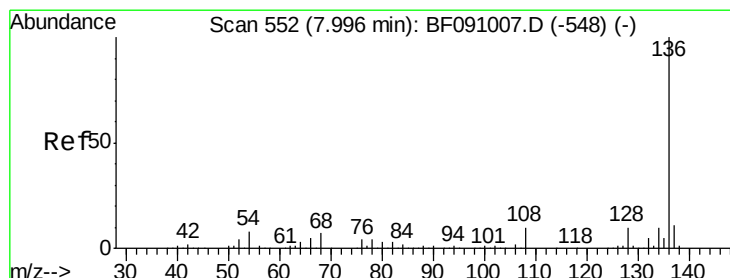
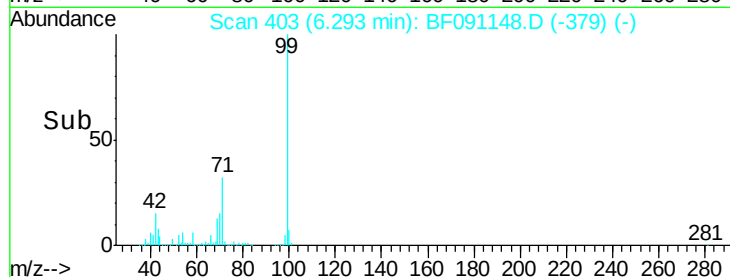
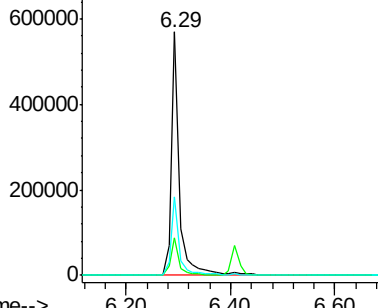
71 32.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091148.D

Acq: 11 Nov 2016 18:57

Tgt Ion: 136 Resp: 756526

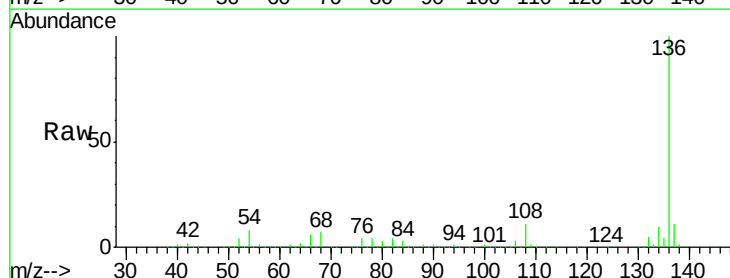
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.2 9.2

68 7.3 5.5 8.3

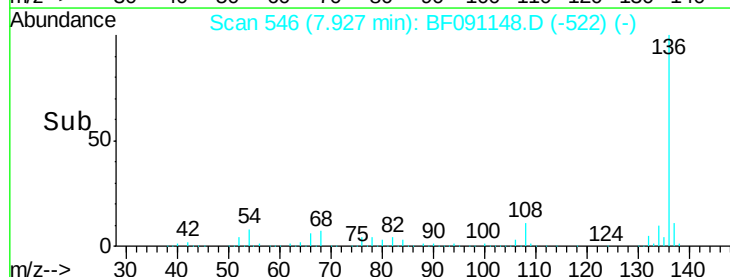
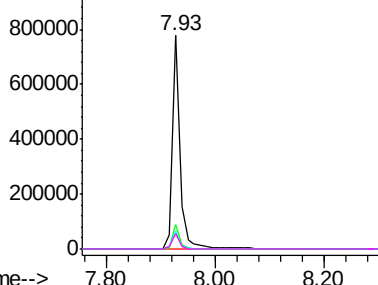


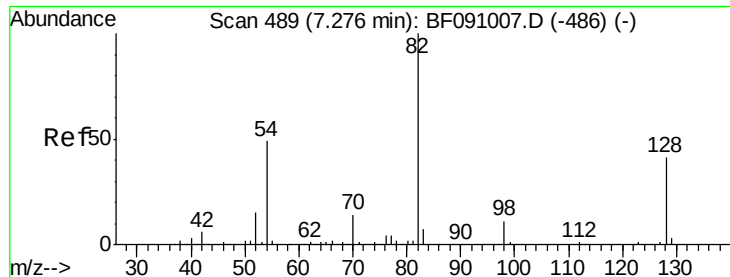
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

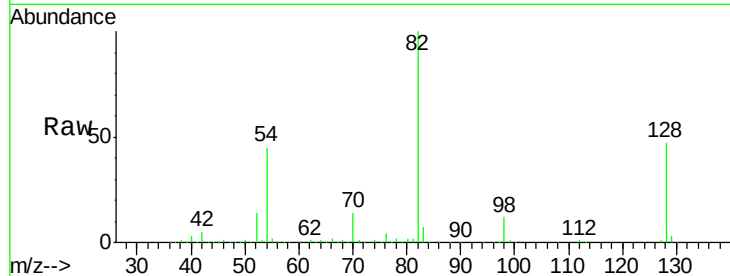




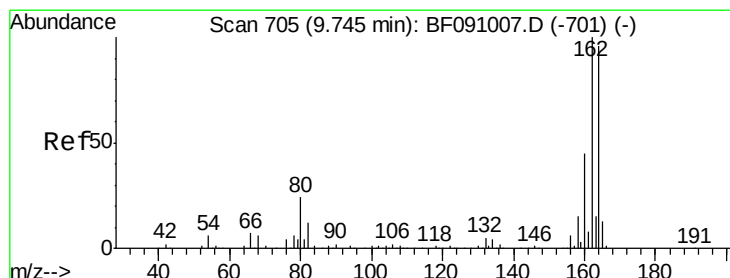
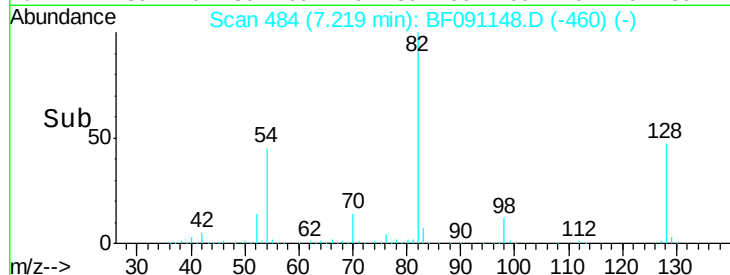
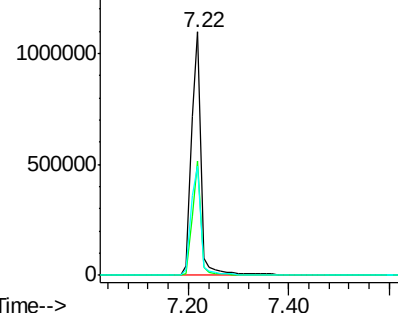
#23
 Nitrobenzene-d5
 Concen: 104.44 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Instrument :
 BNA_F
 ClientSampled :
 MW-9R

Tot Ion: 82 Resp: 1448459
 Ion Ratio Lower Upper
 82 100
 128 47.0 32.4 48.6
 54 44.7 39.2 58.8

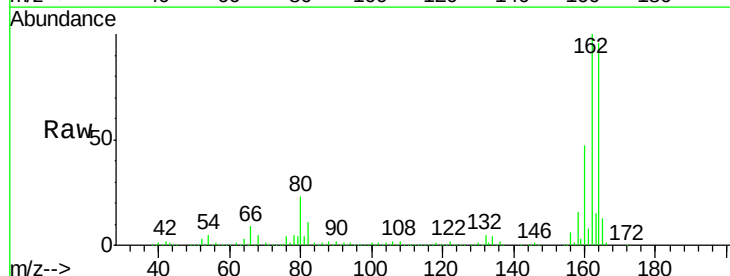


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

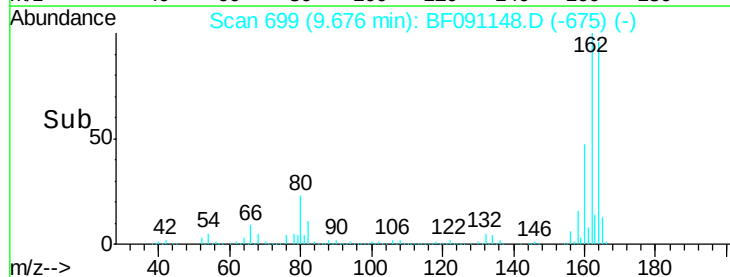
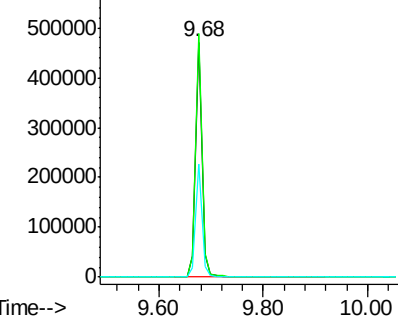


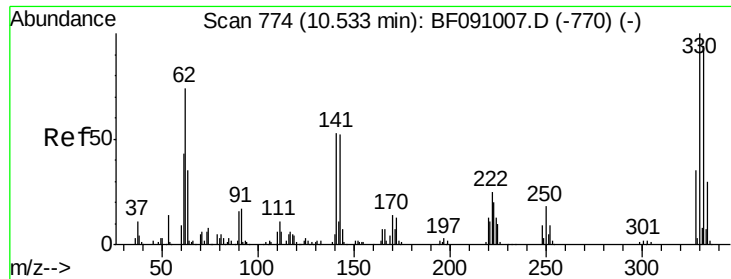
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion:164 Resp: 396972
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.6 125.4
 160 48.3 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

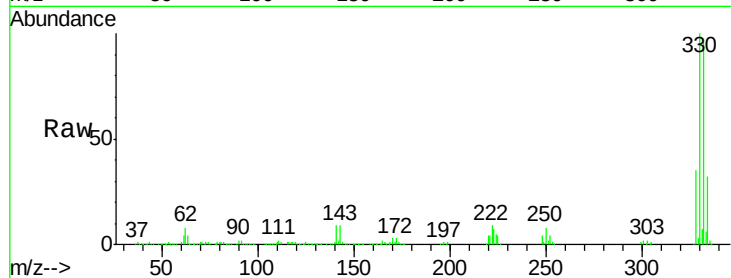




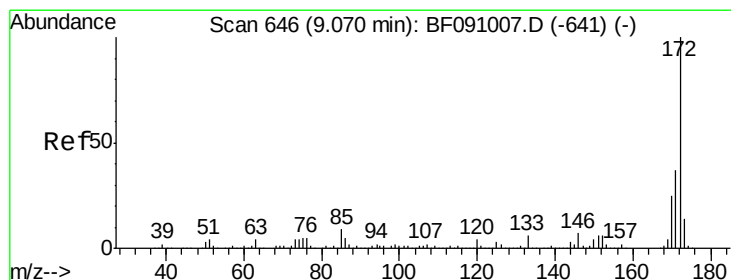
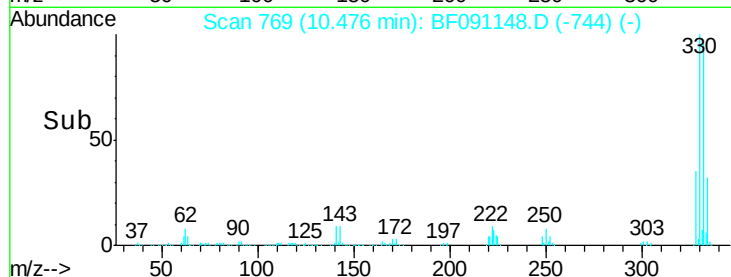
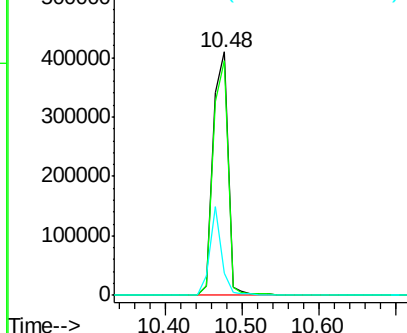
#41
 2,4,6-Tribromophenol
 Concen: 153.37 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Tot Ion:330 Resp: 550433
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 29.4 36.1 54.1#

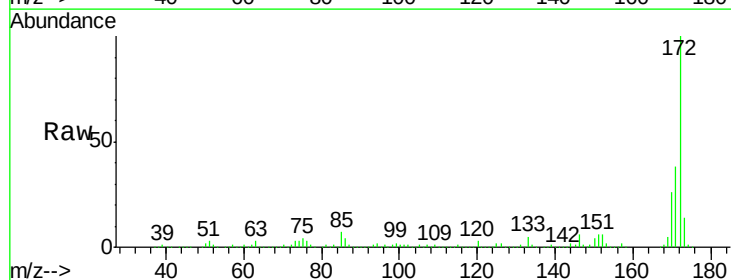


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

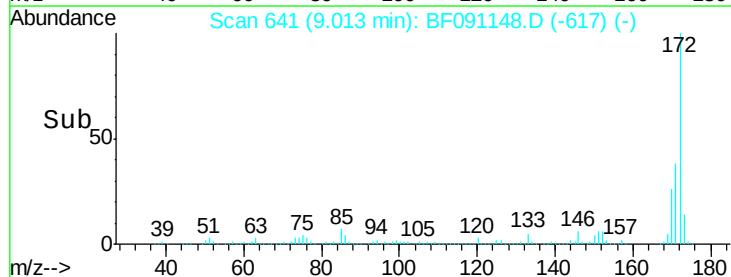
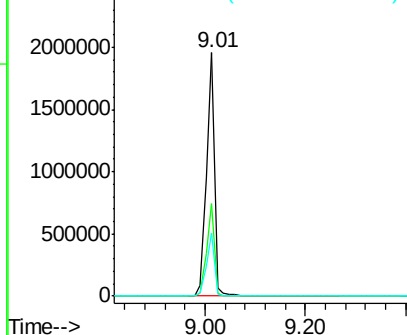


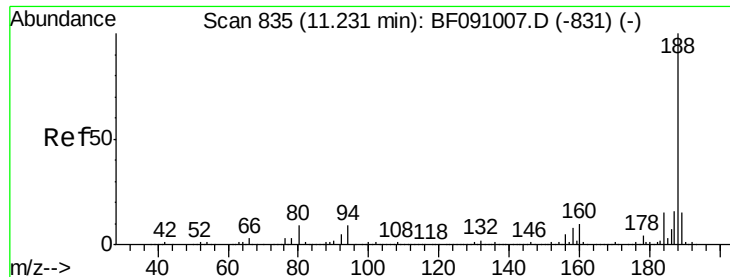
#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion:172 Resp: 2160211
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 26.1 20.3 30.5



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

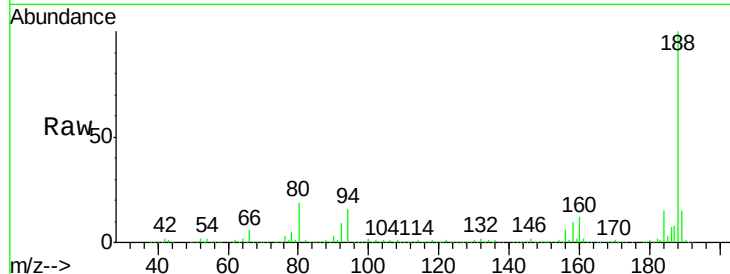




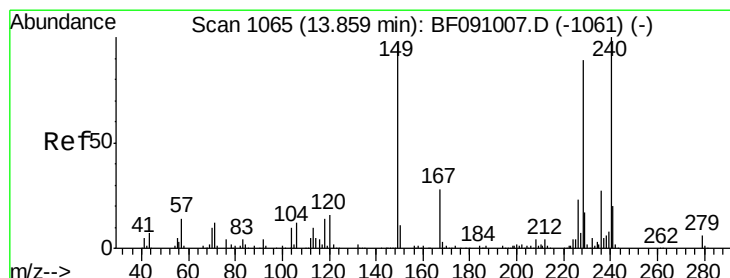
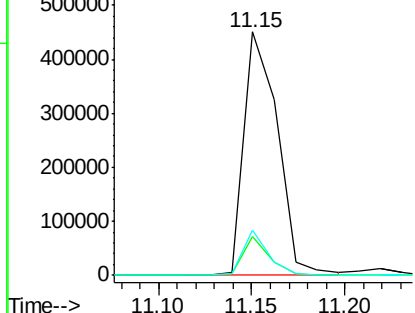
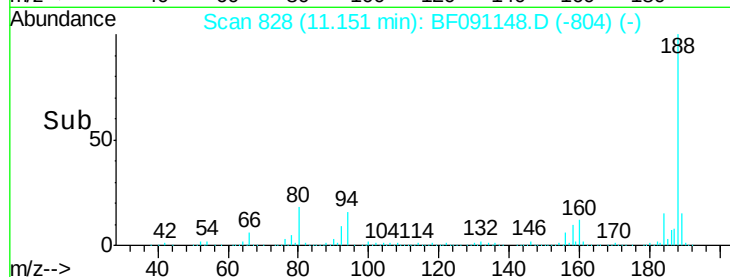
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091148.D
Acq: 11 Nov 2016 18:57

Instrument :
BNA_F
ClientSampleId :
MW-9R

Tot Ion:188 Resp: 563661
Ion Ratio Lower Upper
188 100
94 16.1 7.0 10.4#
80 18.6 7.5 11.3#

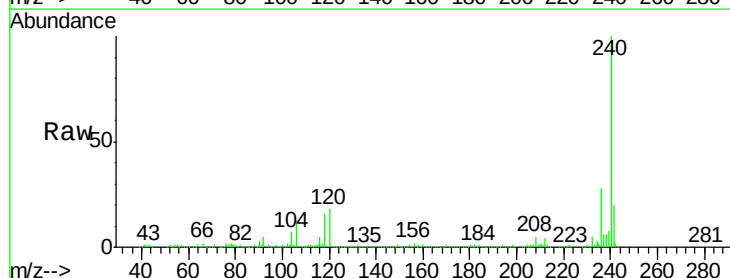


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

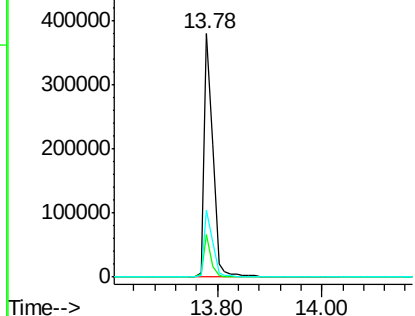
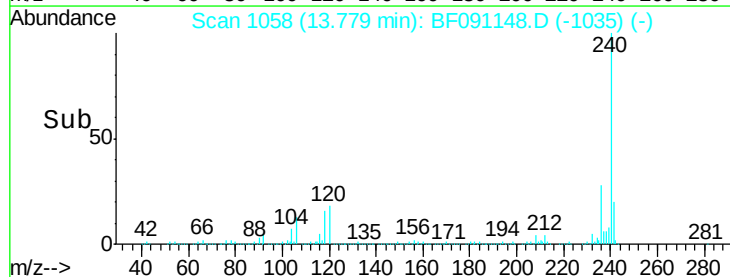


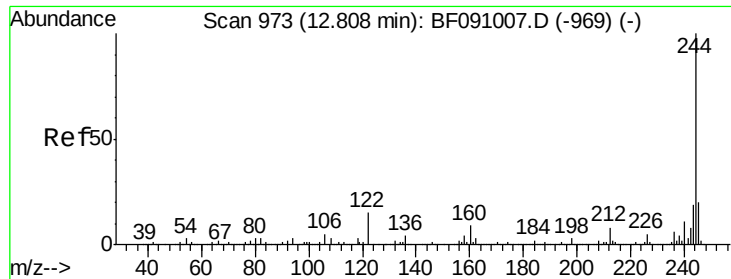
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091148.D
Acq: 11 Nov 2016 18:57

Tgt Ion:240 Resp: 445865
Ion Ratio Lower Upper
240 100
120 17.8 12.9 19.3
236 27.7 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

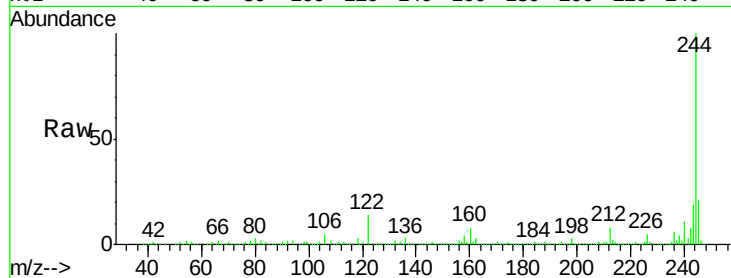




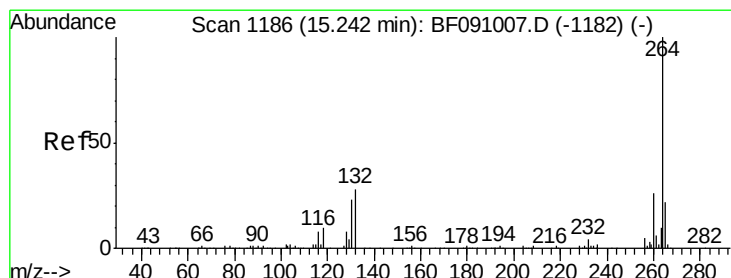
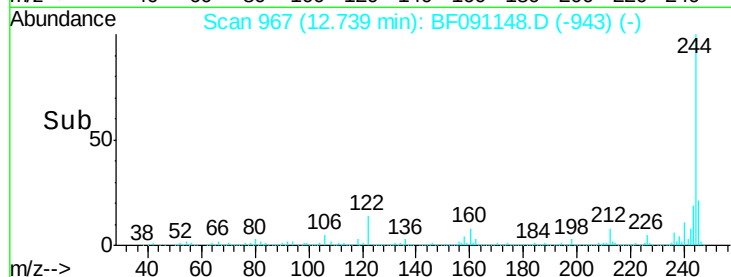
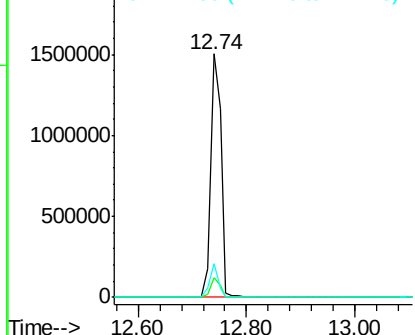
#78
 Terphenyl-d14
 Concen: 112.00 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Tot Ion:244 Resp: 2001204
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 13.7 12.3 18.5

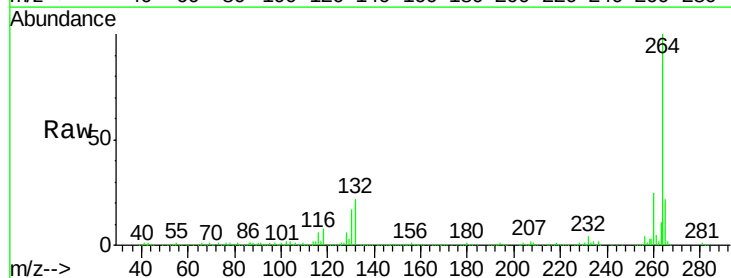


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091148.D
 Acq: 11 Nov 2016 18:57

Tgt Ion:264 Resp: 316611
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 30.8
 265 21.6 17.8 26.8



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

