

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091153.D
 Acq On : 11 Nov 2016 21:13
 Operator : UM/SJ
 Sample : H5609-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Nov 12 00:33:00 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	6.64	152	169097	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	729327	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	373662	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	553871	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	404090	20.00	ng	-0.03
86) Perylene-d12	15.15	264	307822	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	660600	64.52	ng	-0.01
7) Phenol-d6	6.30	99	582803	41.94	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1261370	94.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	540087	159.88	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1970209	90.78	ng	-0.02
78) Terphenyl-d14	12.74	244	1623260	100.24	ng	-0.02

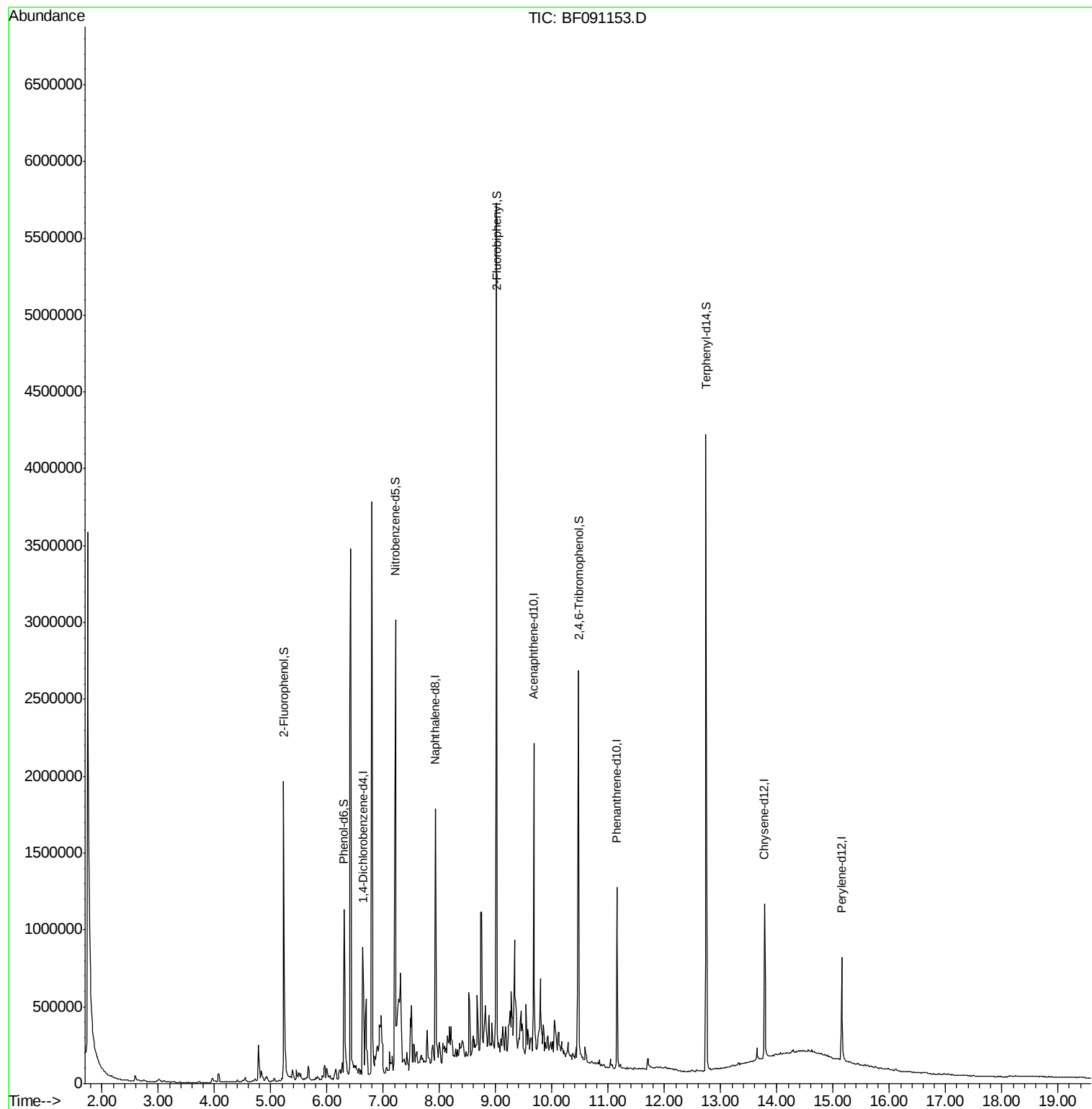
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampleId :

MW-2

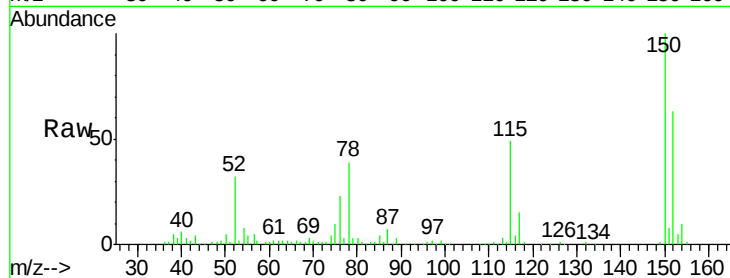
Tot Ion:152 Resp: 169097

Ion Ratio Lower Upper

152 100

150 157.8 126.8 190.2

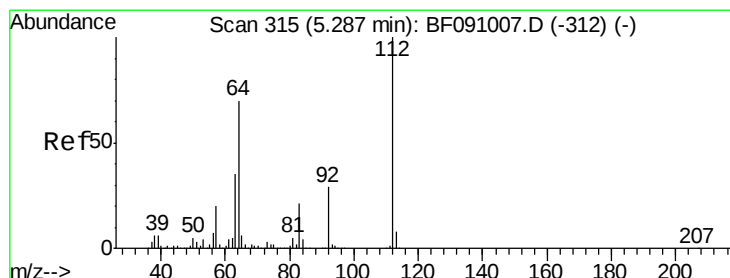
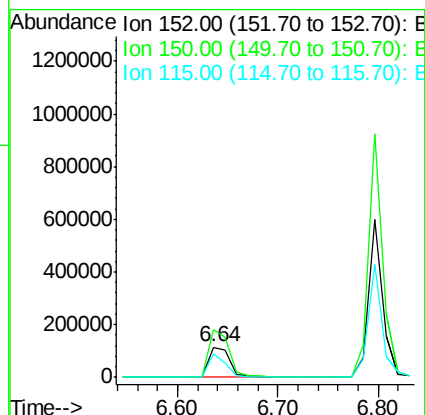
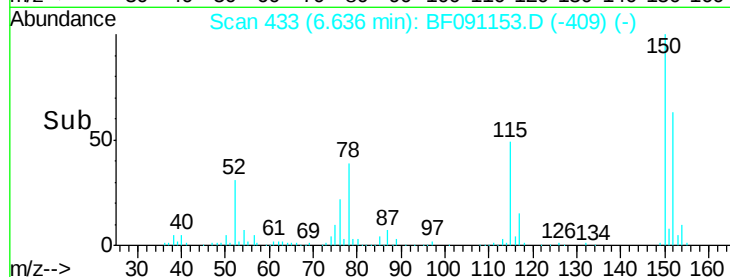
115 77.3 53.3 79.9



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: 64.52 ng

RT: 5.23 min Scan# 310

Delta R.T. -0.01 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

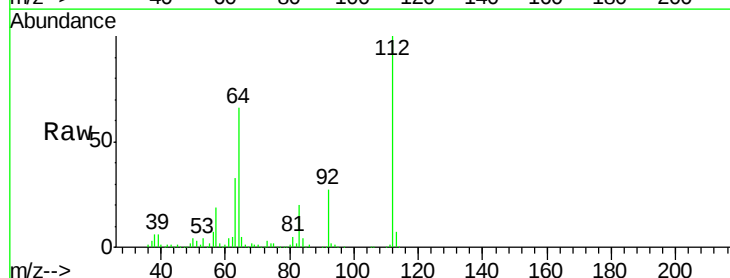
Tgt Ion:112 Resp: 660600

Ion Ratio Lower Upper

112 100

64 65.6 55.8 83.6

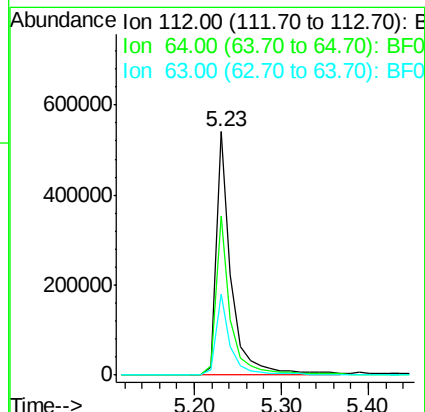
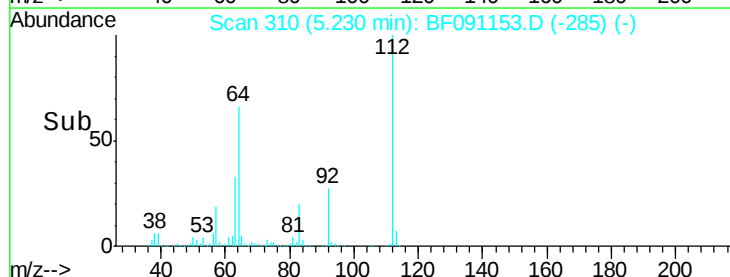
63 33.4 28.0 42.0



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: 41.94 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Instrument :

BNA_F

ClientSampled :

MW-2

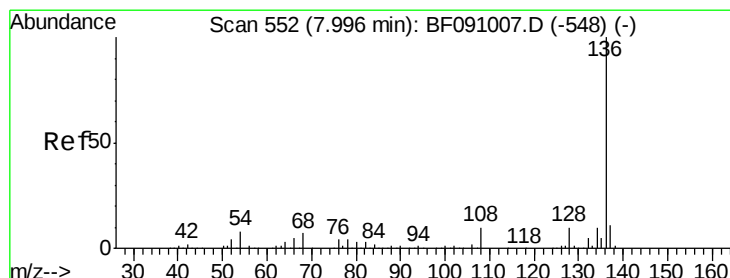
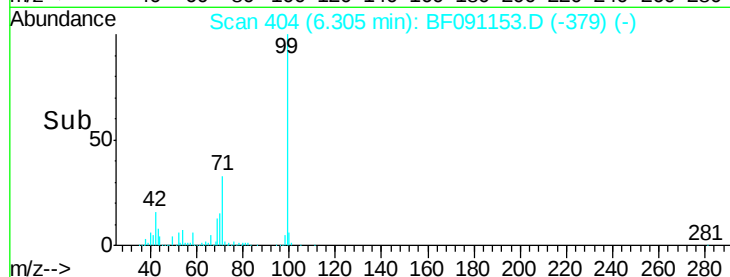
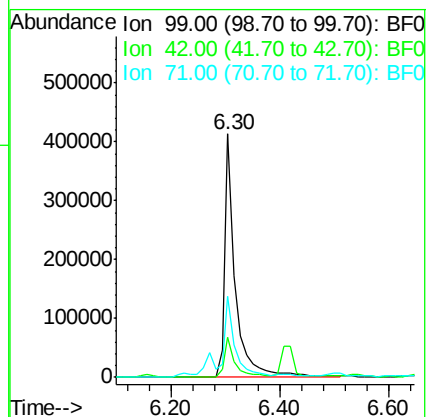
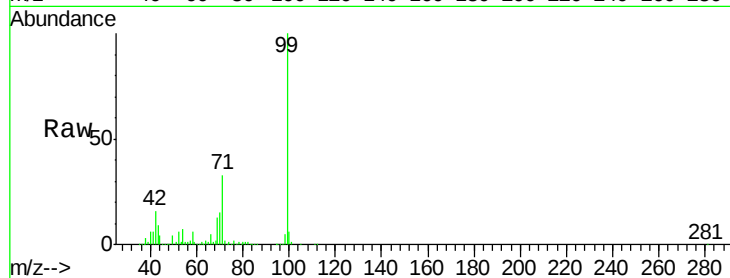
Tot Ion: 99 Resp: 582803

Ion Ratio Lower Upper

99 100

42 16.3 13.9 20.9

71 33.2 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091153.D

Acq: 11 Nov 2016 21:13

Tgt Ion: 136 Resp: 729327

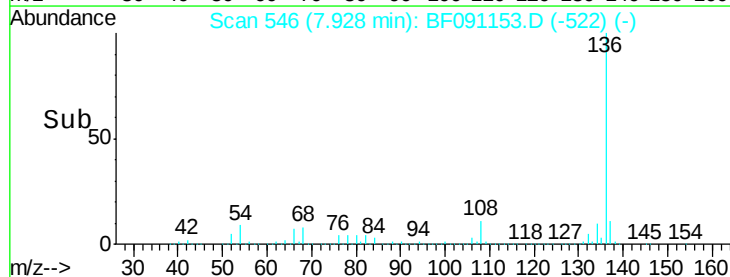
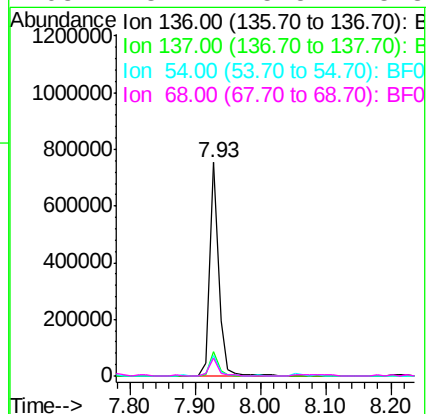
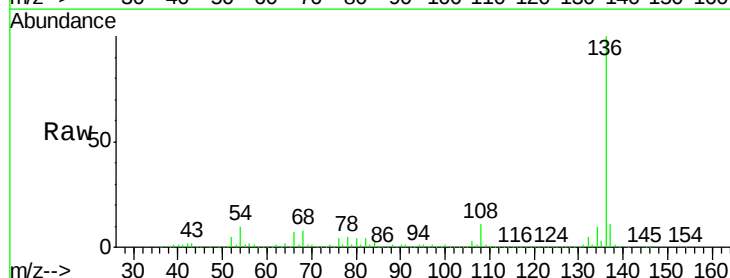
Ion Ratio Lower Upper

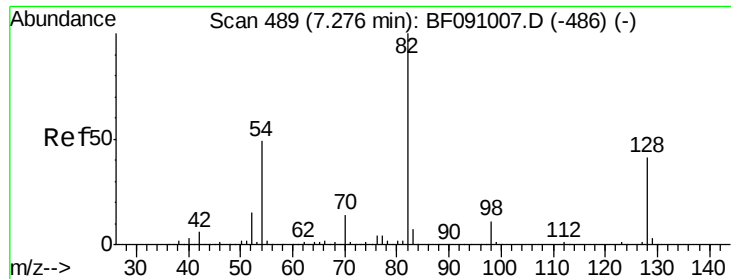
136 100

137 11.4 8.9 13.3

54 9.7 6.2 9.2#

68 8.4 5.5 8.3#



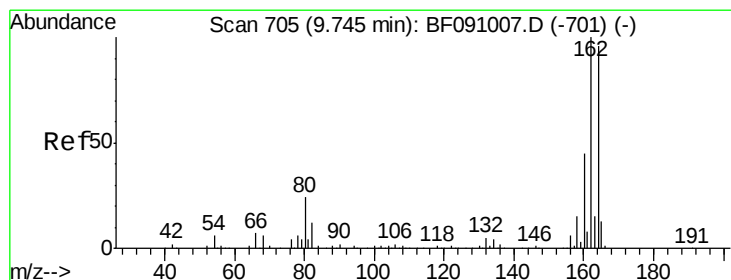
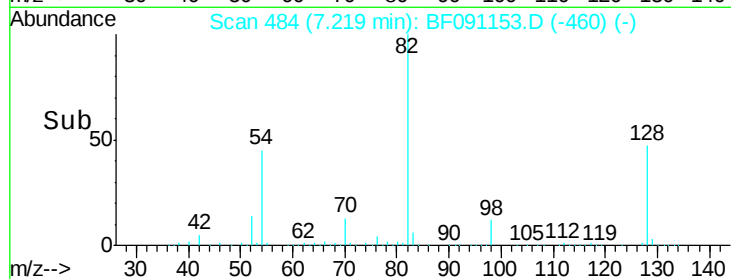
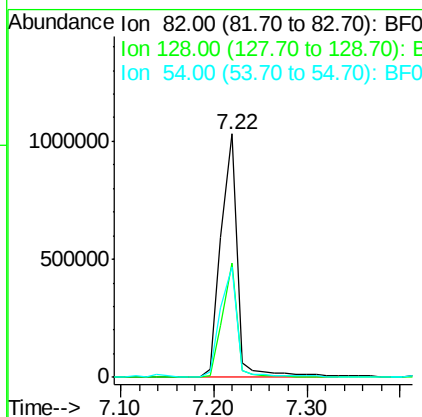
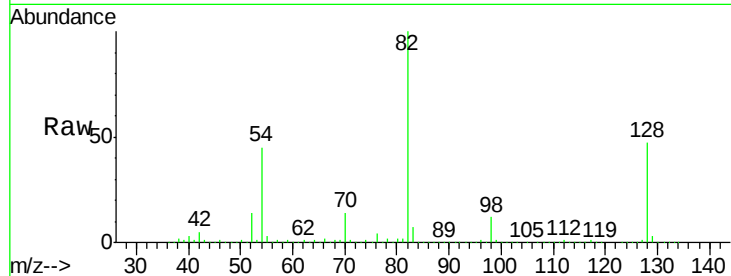


#23
 Nitrobenzene-d5
 Concen: 94.35 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Instrument :
 BNA_F
 ClientSampled :
 MW-2

Tot Ion: 82 Resp: 1261370

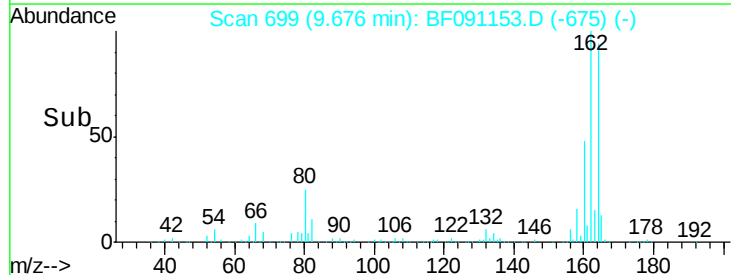
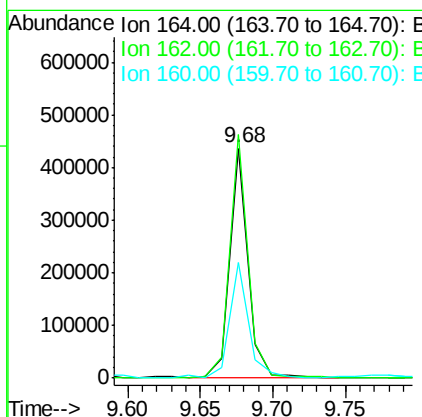
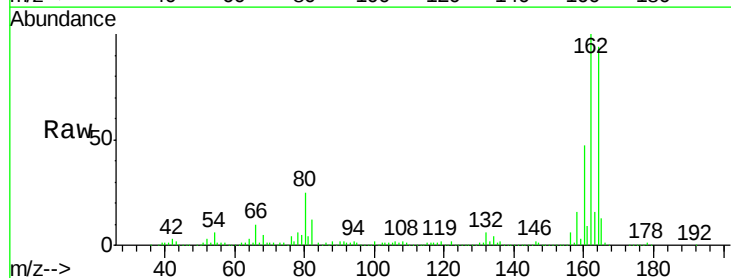
Ion	Ratio	Lower	Upper
82	100		
128	46.9	32.4	48.6
54	45.3	39.2	58.8

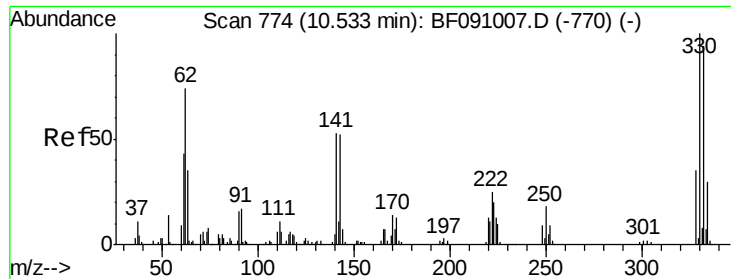


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Tgt Ion:164 Resp: 373662

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.6	125.4
160	50.1	37.9	56.9

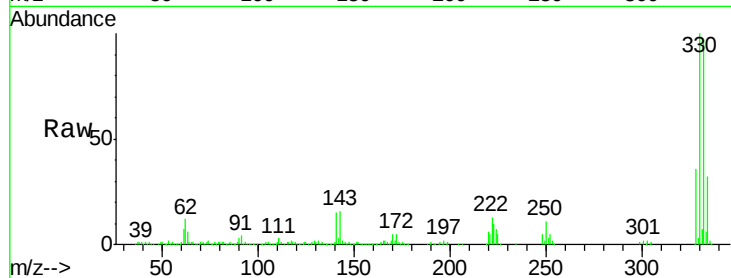




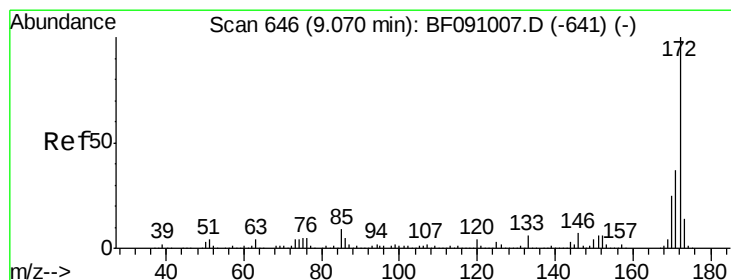
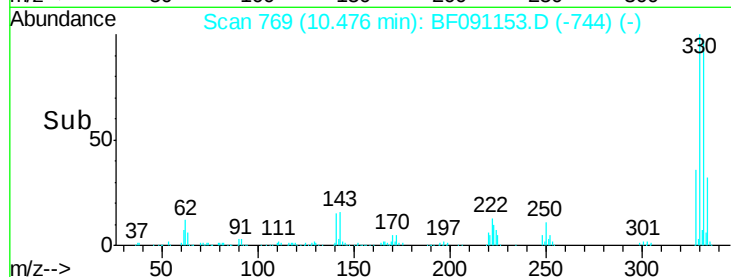
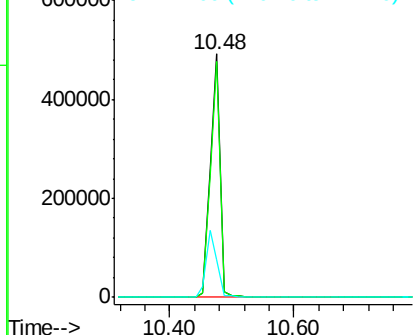
#41
 2,4,6-Tribromophenol
 Concen: 159.88 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:330 Resp: 540087
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 30.6 36.1 54.1#

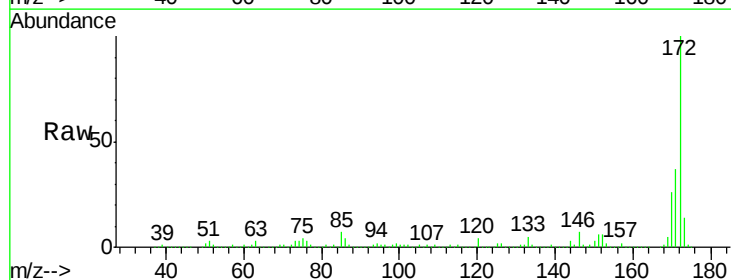


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

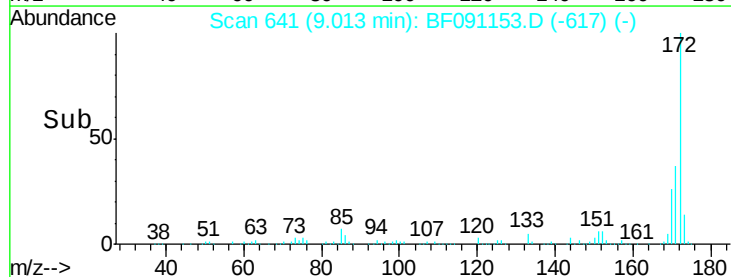
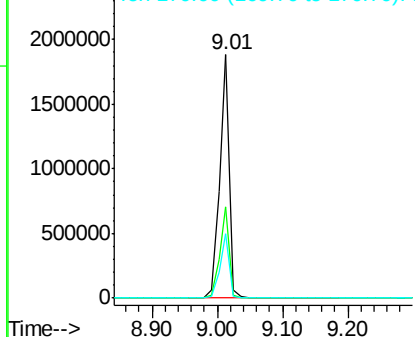


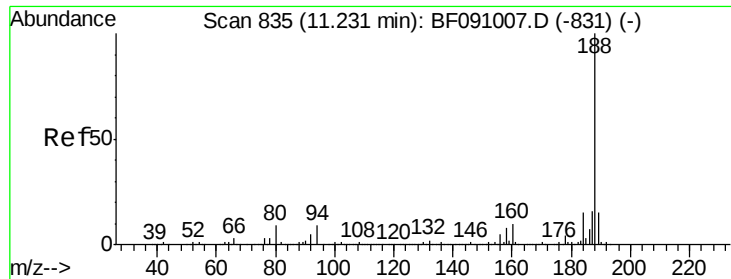
#44
 2-Fluorobiphenyl
 Concen: 90.78 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Tgt Ion:172 Resp: 1970209
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.8 44.6
 170 26.4 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

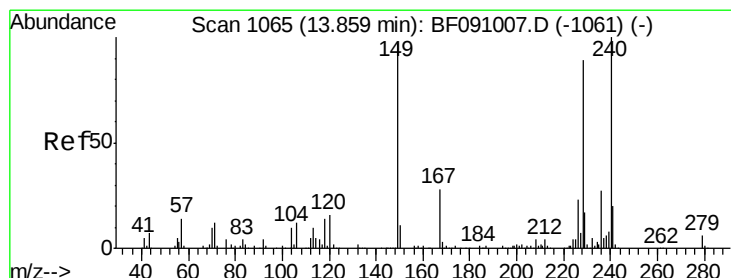
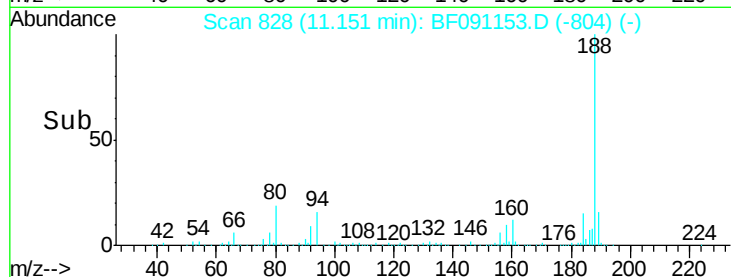
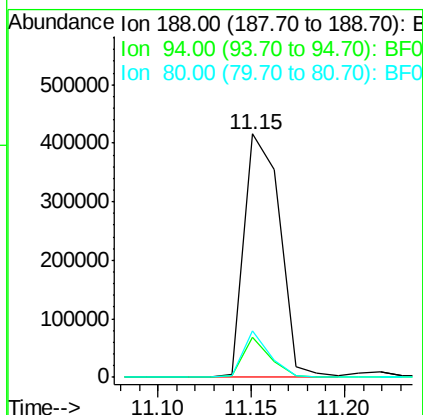
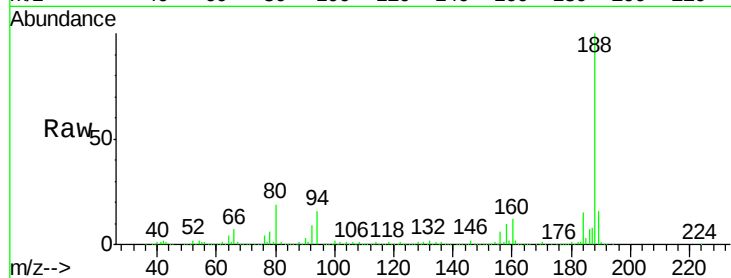




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

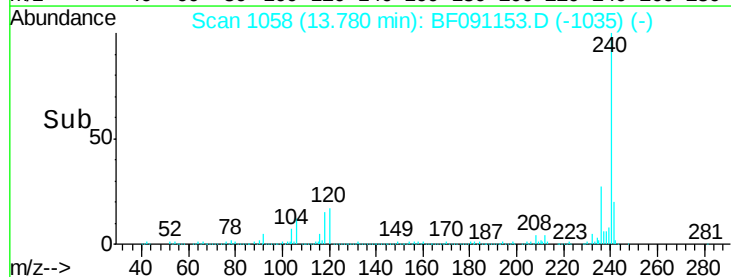
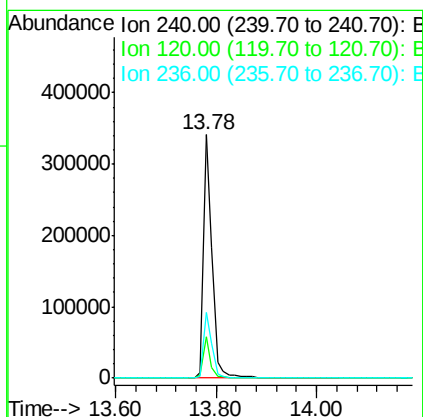
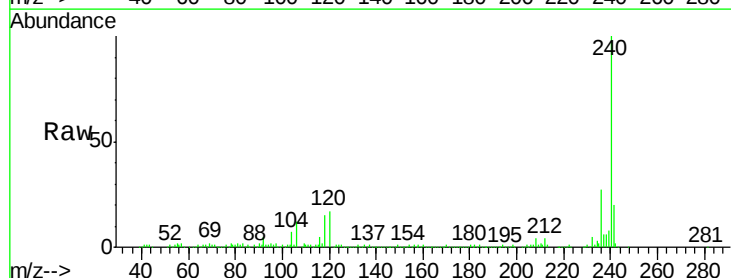
Instrument :
BNA_F
ClientSampleId :
MW-2

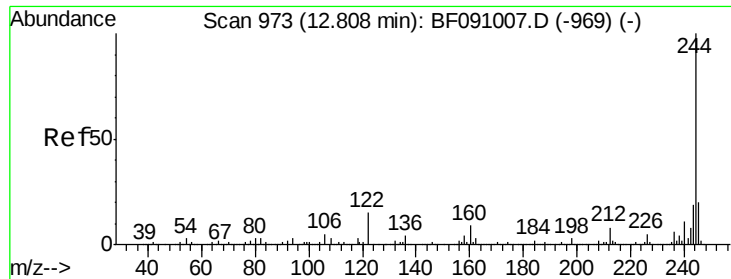
Tot Ion:188 Resp: 553871
Ion Ratio Lower Upper
188 100
94 16.2 7.0 10.4#
80 19.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091153.D
Acq: 11 Nov 2016 21:13

Tgt Ion:240 Resp: 404090
Ion Ratio Lower Upper
240 100
120 17.0 12.9 19.3
236 26.8 21.9 32.9

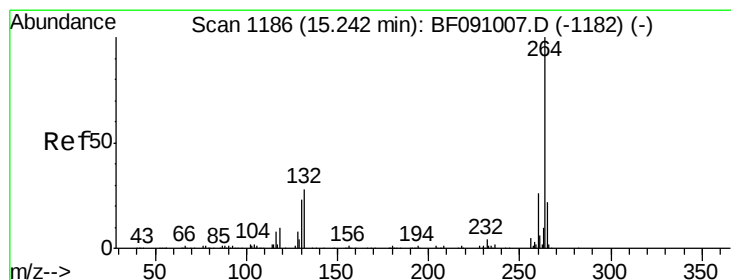
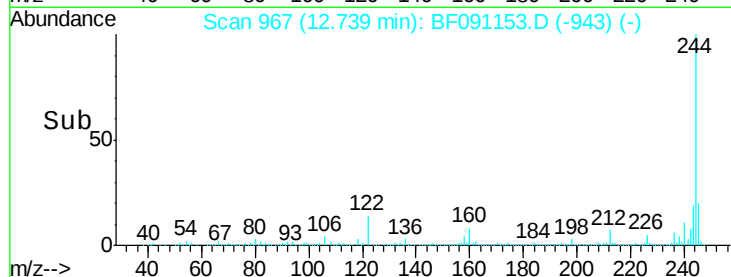
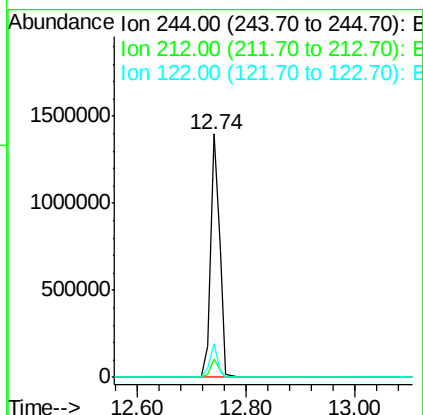
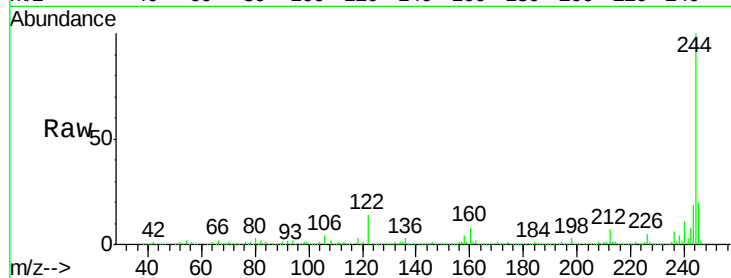




#78
 Terphenyl-d14
 Concen: 100.24 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tot Ion:244 Resp: 1623260
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 13.6 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091153.D
 Acq: 11 Nov 2016 21:13

Tgt Ion:264 Resp: 307822
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.6 30.8
 265 21.9 17.8 26.8

