

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091150.D
 Acq On : 11 Nov 2016 19:51
 Operator : UM/SJ
 Sample : H5609-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Nov 12 00:19:05 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	165562	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	752886	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	392437	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	579342	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	438477	20.00	ng	-0.03
86) Perylene-d12	15.15	264	323680	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	687932	68.62	ng	-0.01
7) Phenol-d6	6.29	99	598220	43.97	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1399747	101.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	526932	148.52	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2165324	94.99	ng	-0.02
78) Terphenyl-d14	12.74	244	1981587	112.78	ng	-0.02

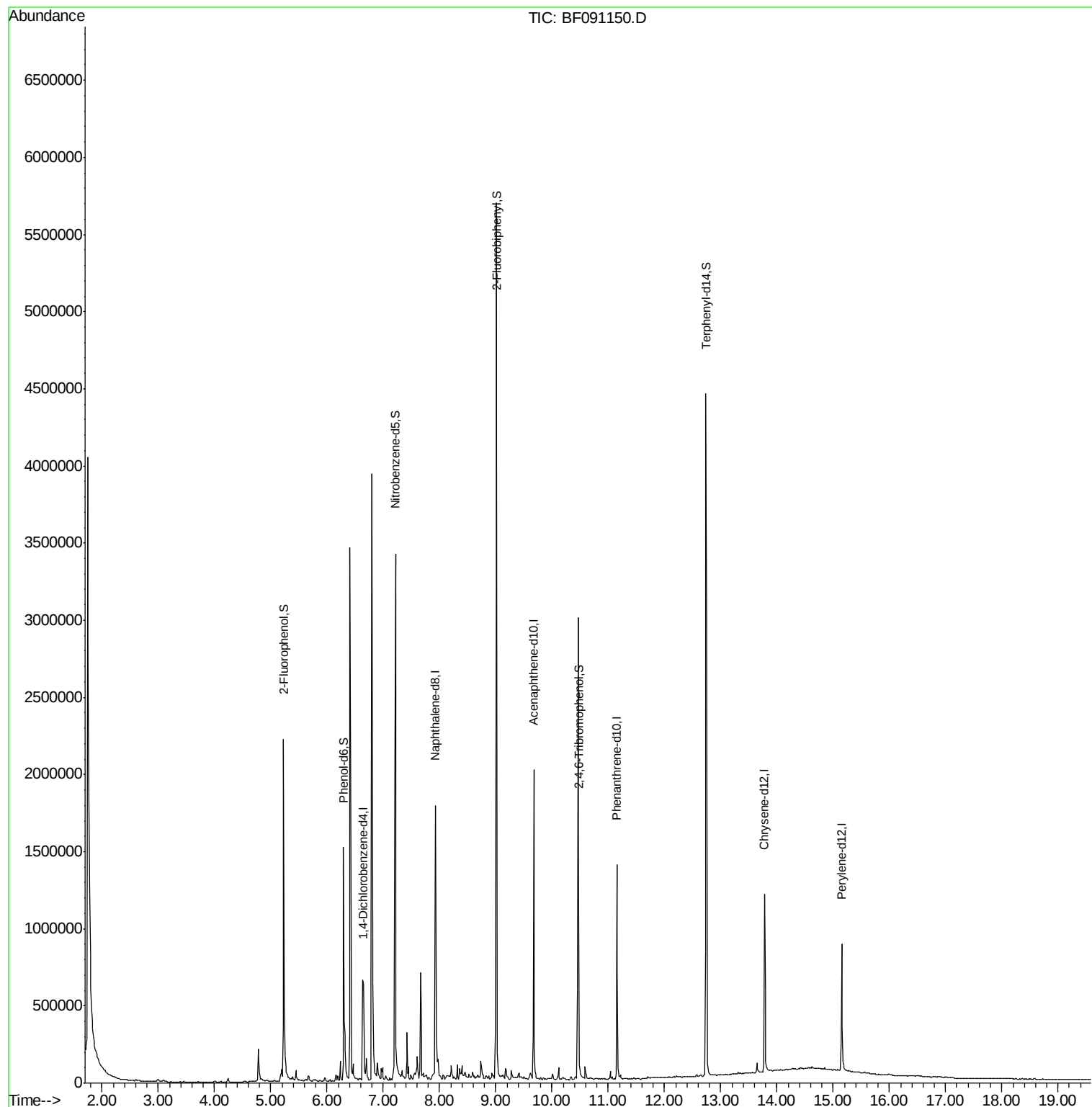
Target Compounds Qvalue

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

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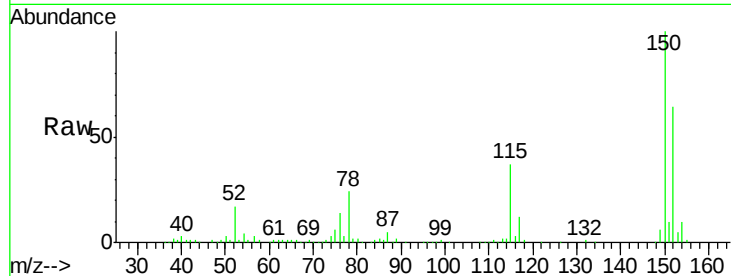


#1

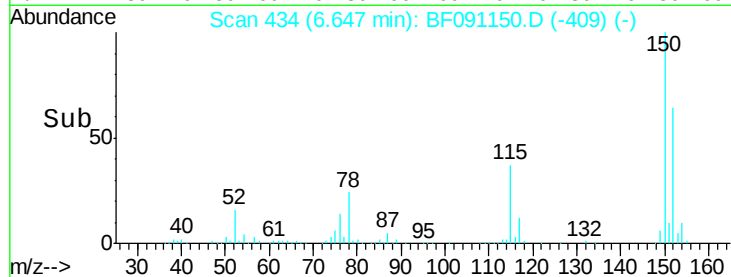
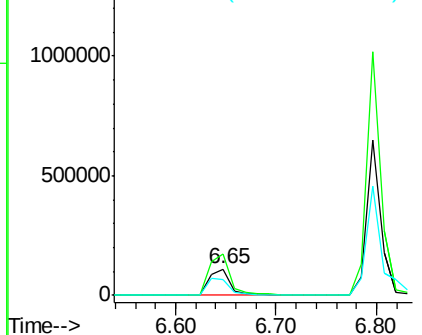
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091150.D
Acq: 11 Nov 2016 19:51

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:152 Resp: 165562
Ion Ratio Lower Upper
152 100
150 155.2 126.8 190.2
115 57.9 53.3 79.9



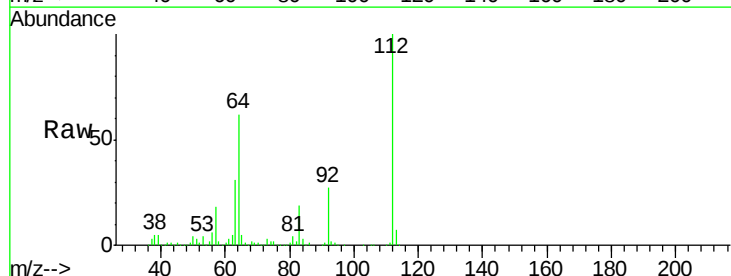
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



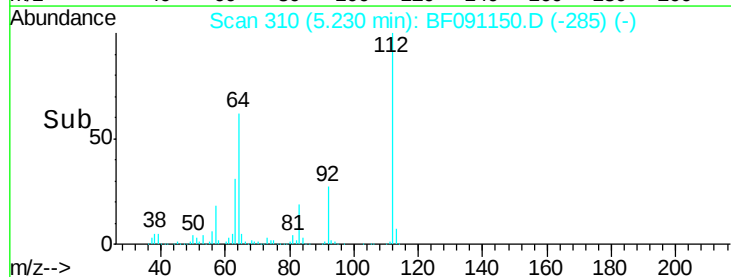
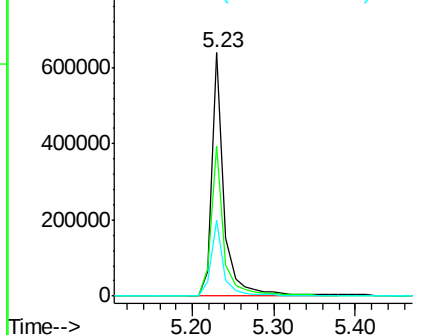
#5

2-Fluorophenol
Concen: 68.62 ng
RT: 5.23 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF091150.D
Acq: 11 Nov 2016 19:51

Tgt Ion:112 Resp: 687932
Ion Ratio Lower Upper
112 100
64 61.8 55.8 83.6
63 31.2 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: 43.97 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091150.D

Acq: 11 Nov 2016 19:51

Instrument :

BNA_F

ClientSampleId :

MW-11

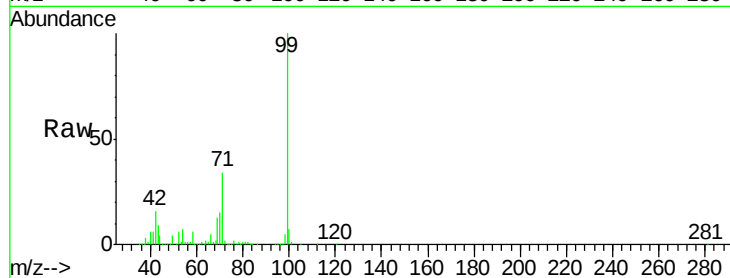
Tot Ion: 99 Resp: 598220

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

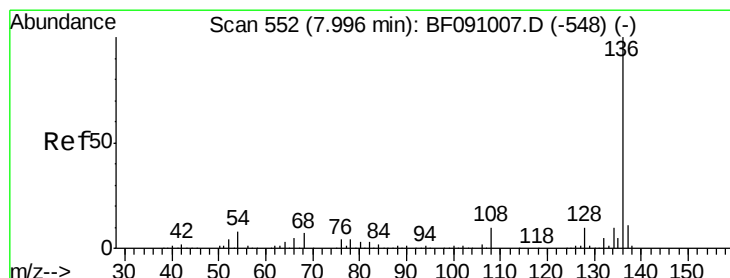
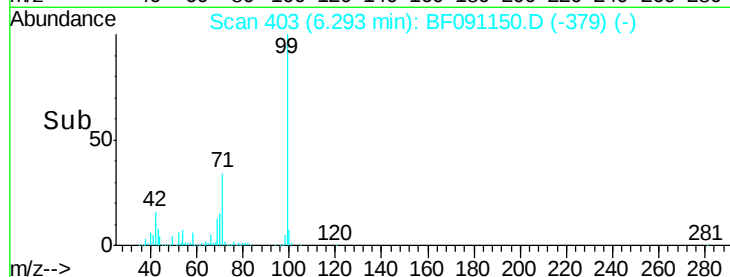
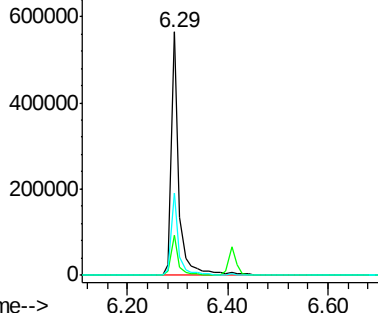
71 33.6 27.8 41.8



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: BF091150.D

Acq: 11 Nov 2016 19:51

Tgt Ion: 136 Resp: 752886

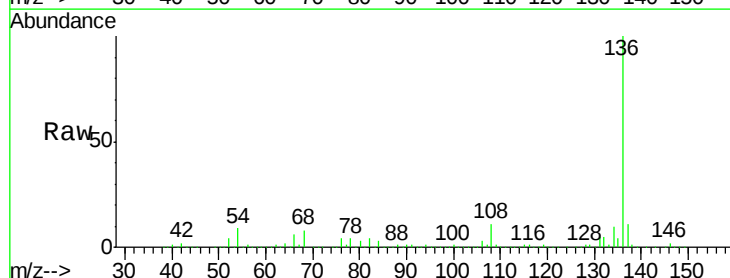
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.6 6.2 9.2

68 7.7 5.5 8.3

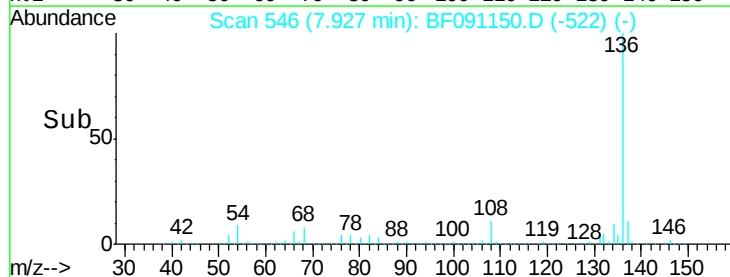
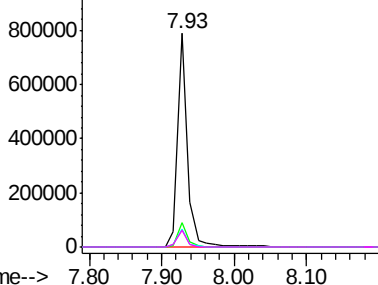


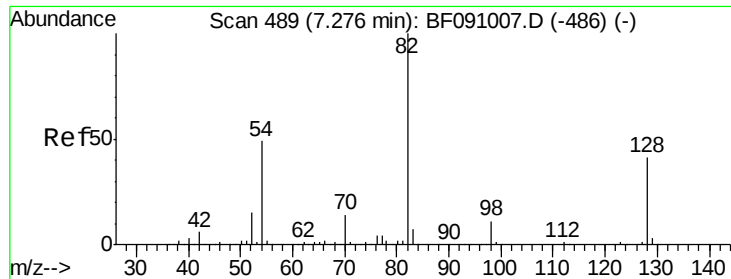
Abundance Ion 136.00 (135.70 to 136.70): E

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

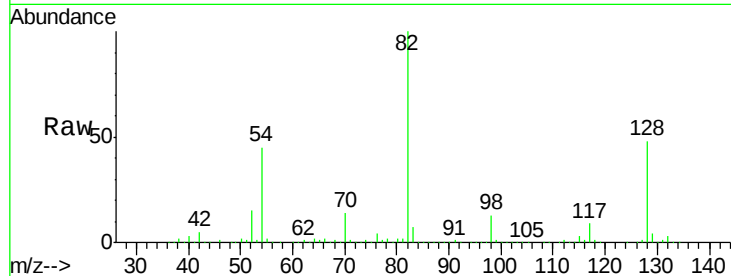




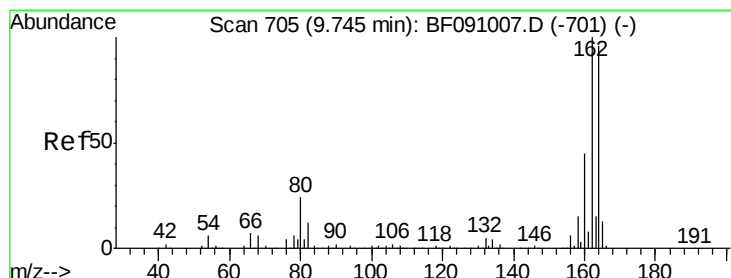
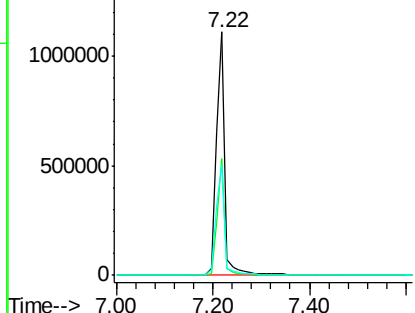
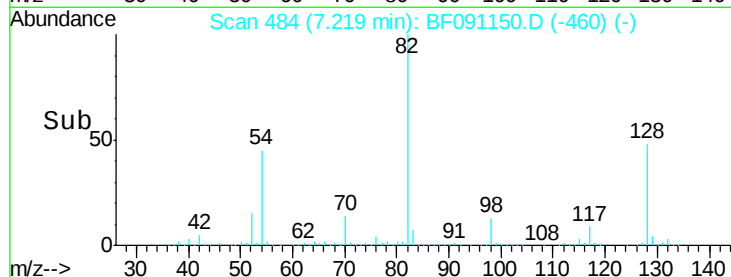
#23
Nitrobenzene-d5
Concen: 101.42 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091150.D
Acq: 11 Nov 2016 19:51

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion: 82 Resp: 1399747
Ion Ratio Lower Upper
82 100
128 48.2 32.4 48.6
54 45.4 39.2 58.8

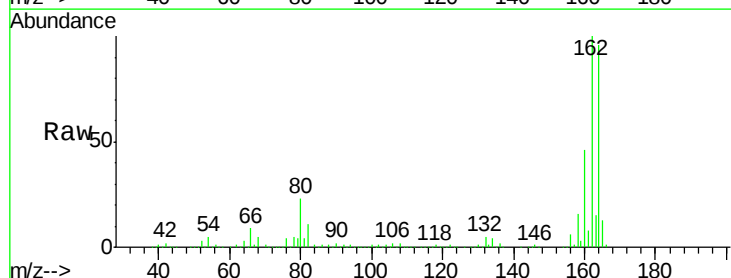


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

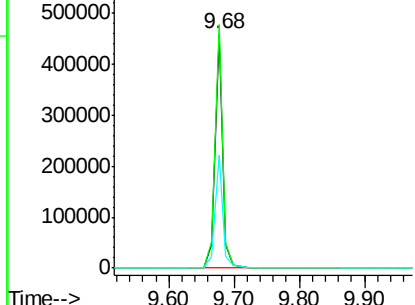
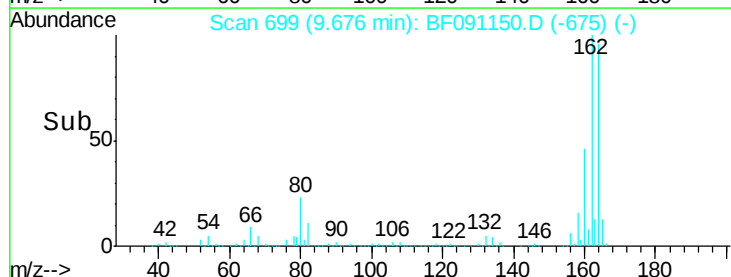


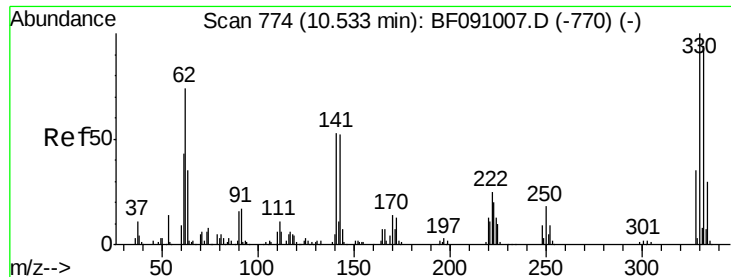
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091150.D
Acq: 11 Nov 2016 19:51

Tgt Ion:164 Resp: 392437
Ion Ratio Lower Upper
164 100
162 104.3 83.6 125.4
160 48.2 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

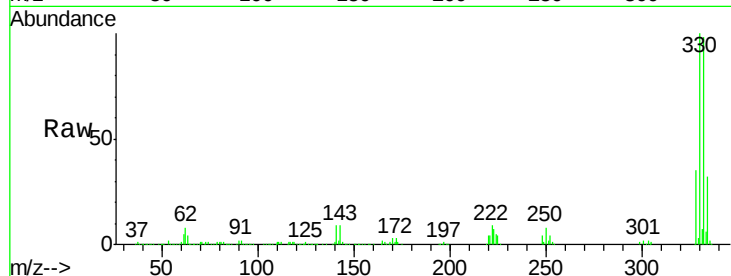




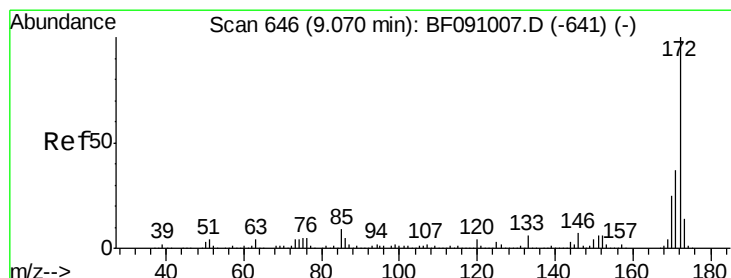
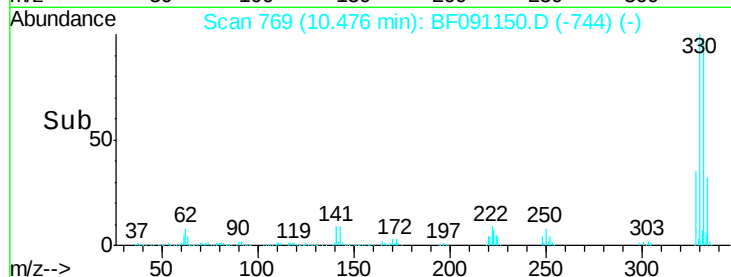
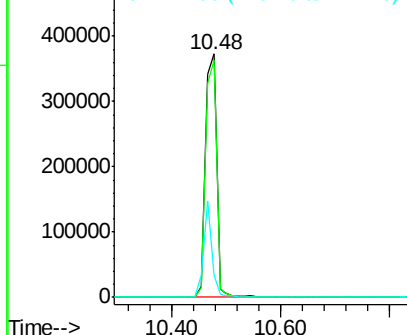
#41
 2,4,6-Tribromophenol
 Concen: 148.52 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091150.D
 Acq: 11 Nov 2016 19:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion:330 Resp: 526932
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.9 113.9
 141 30.0 36.1 54.1#

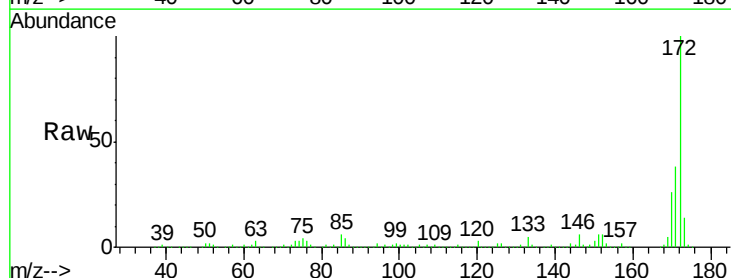


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

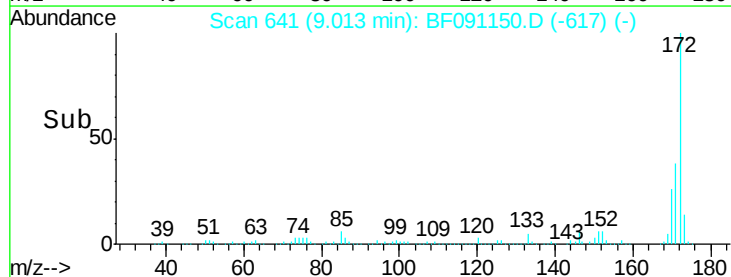
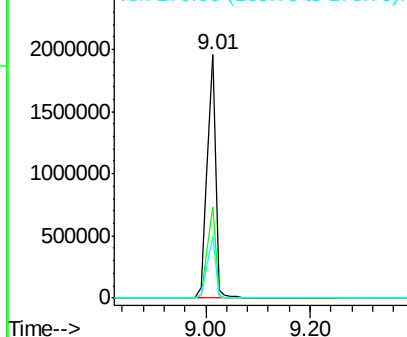


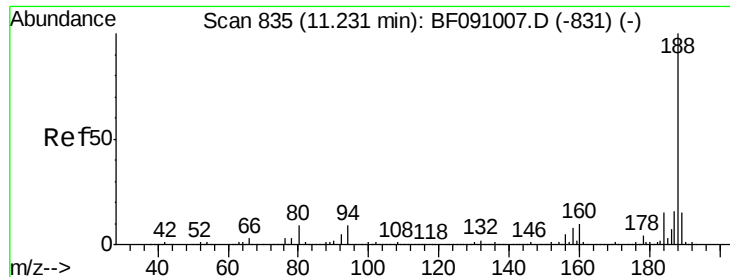
#44
 2-Fluorobiphenyl
 Concen: 94.99 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091150.D
 Acq: 11 Nov 2016 19:51

Tgt Ion:172 Resp: 2165324
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.7 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

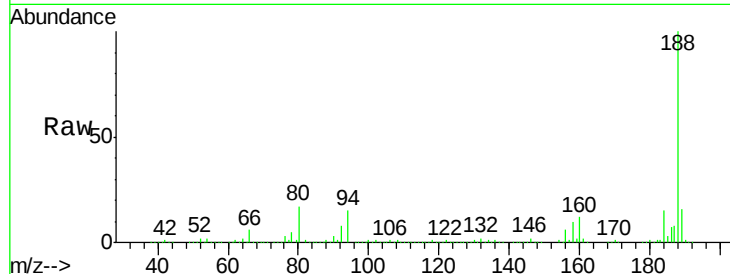




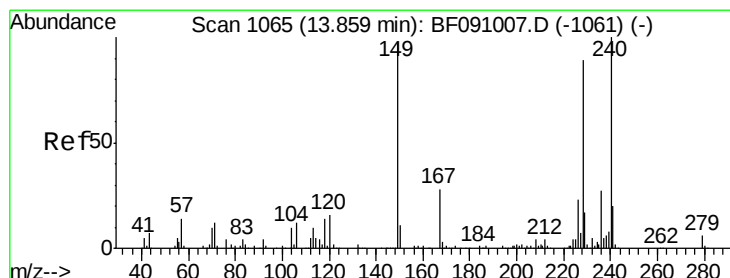
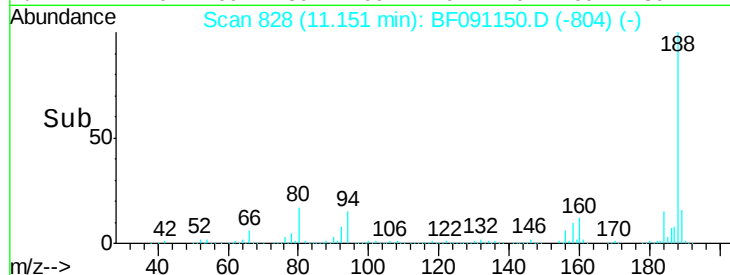
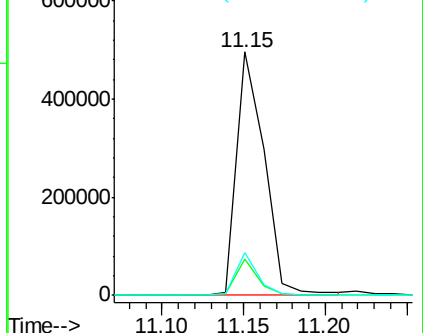
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091150.D
Acq: 11 Nov 2016 19:51

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:188 Resp: 579342
Ion Ratio Lower Upper
188 100
94 15.1 7.0 10.4#
80 17.4 7.5 11.3#

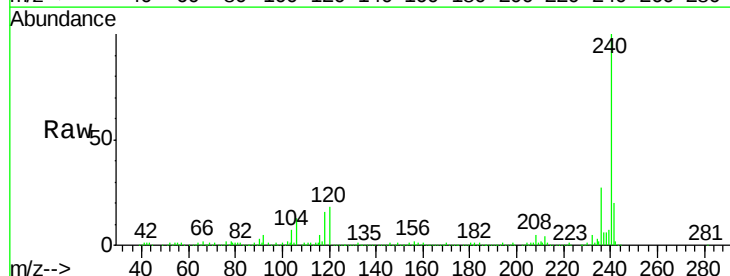


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

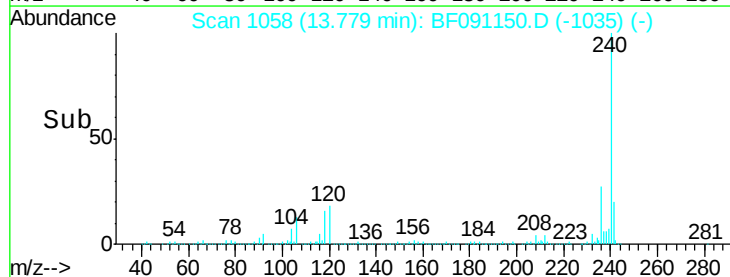
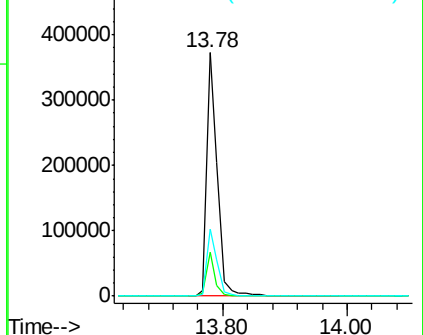


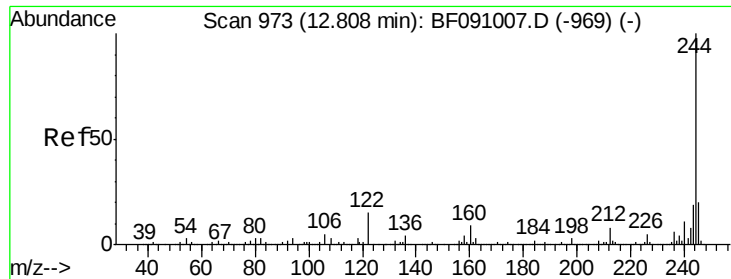
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091150.D
Acq: 11 Nov 2016 19:51

Tgt Ion:240 Resp: 438477
Ion Ratio Lower Upper
240 100
120 17.8 12.9 19.3
236 27.4 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



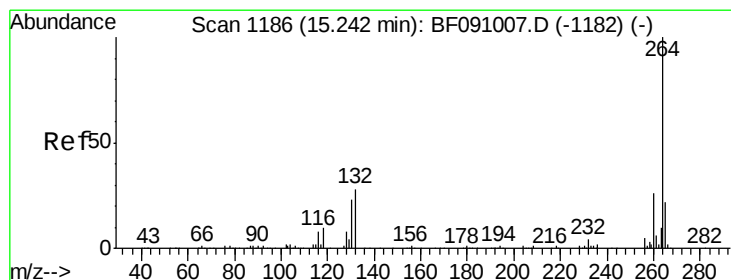
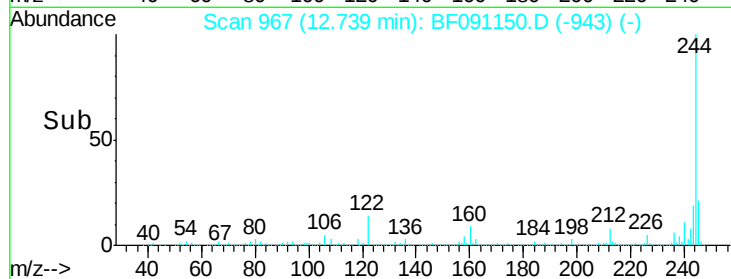
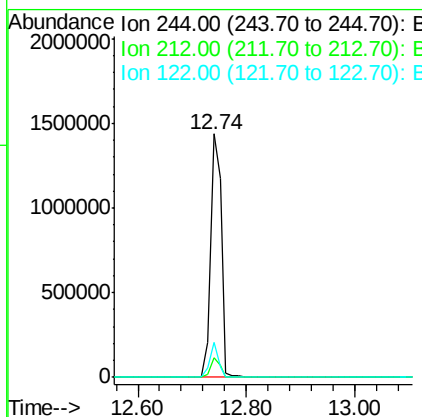
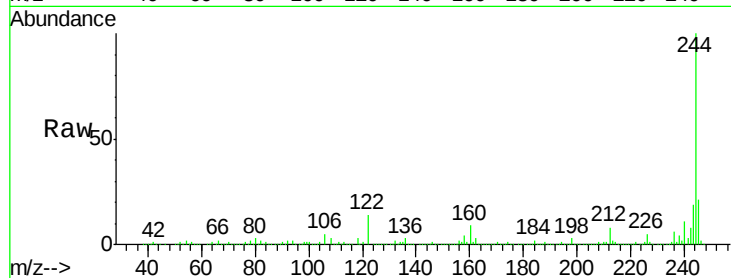


#78
 Terphenyl-d14
 Concen: 112.78 ng
 RT: 12.74 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF091150.D
 Acq: 11 Nov 2016 19:51

Instrument :
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Tot Ion:244 Resp: 1981587

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	14.2	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: BF091150.D
 Acq: 11 Nov 2016 19:51

Tgt Ion:264 Resp: 323680

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	21.8	17.8	26.8

