

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091152.D
 Acq On : 11 Nov 2016 20:46
 Operator : UM/SJ
 Sample : H5609-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 12 00:26:33 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

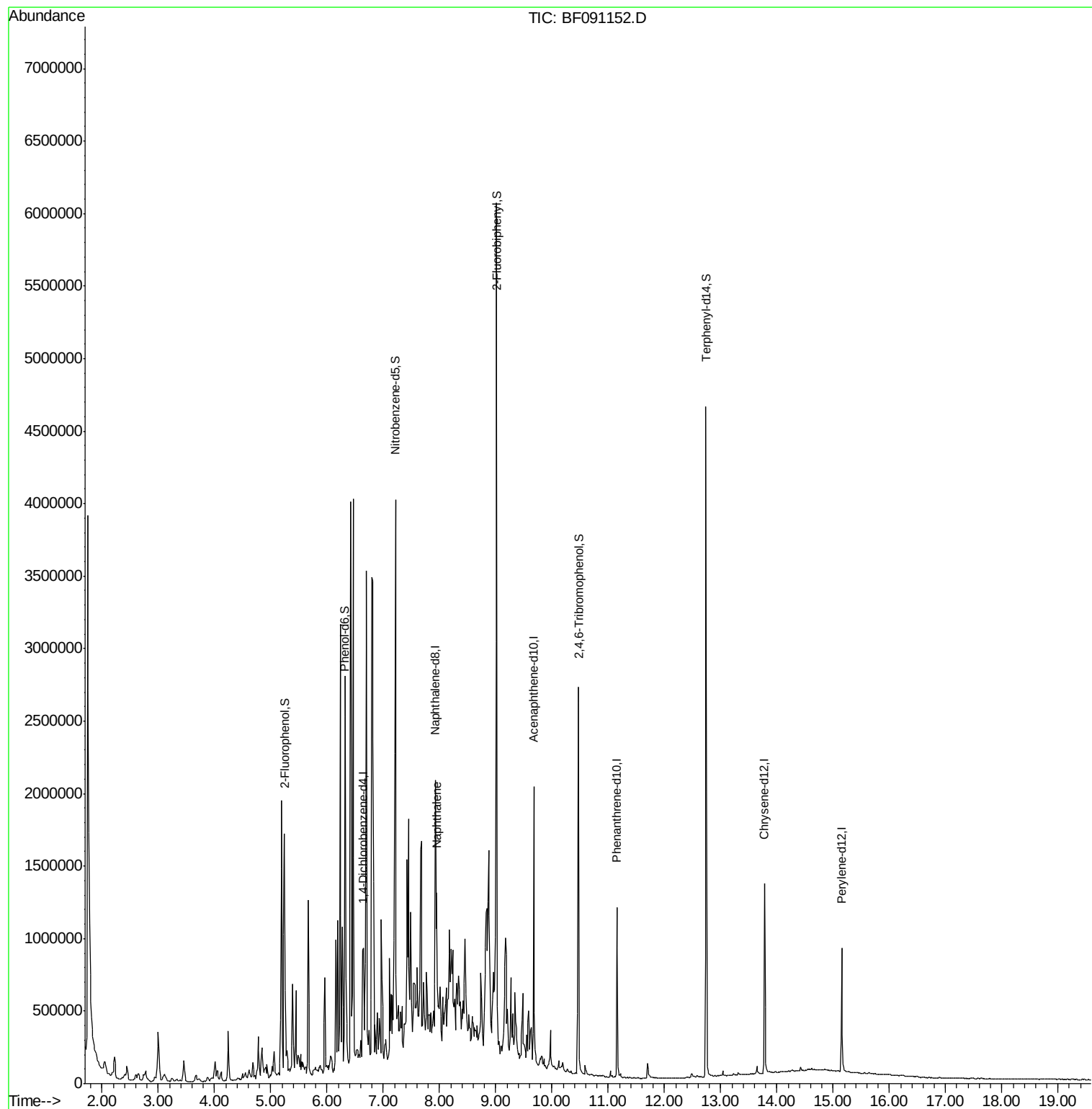
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	172763	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	726277	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	378370	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	587293	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	453754	20.00	ng	-0.03
86) Perylene-d12	15.15	264	330474	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	747333	71.44	ng	0.00
7) Phenol-d6	6.32	99	618375	43.55	ng	0.00
23) Nitrobenzene-d5	7.22	82	1236796	92.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	578748	169.19	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	2064389	93.93	ng	-0.02
78) Terphenyl-d14	12.74	244	1730820	95.19	ng	-0.02
Target Compounds						
31) Naphthalene	7.95	128	293944	8.46	ng	Qvalue 97

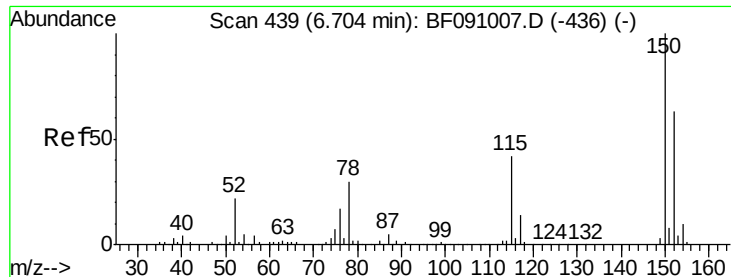
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 08 12:59:29 2016
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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: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampleId :

MW-1

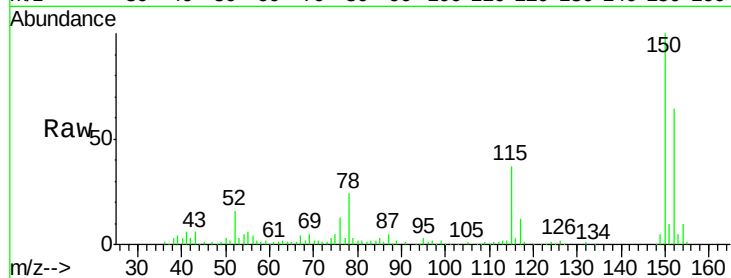
Tot Ion:152 Resp: 172763

Ion Ratio Lower Upper

152 100

150 155.8 126.8 190.2

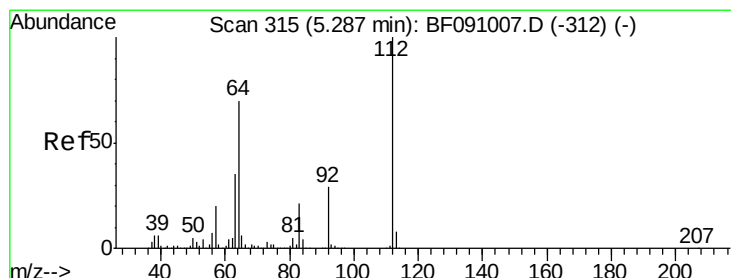
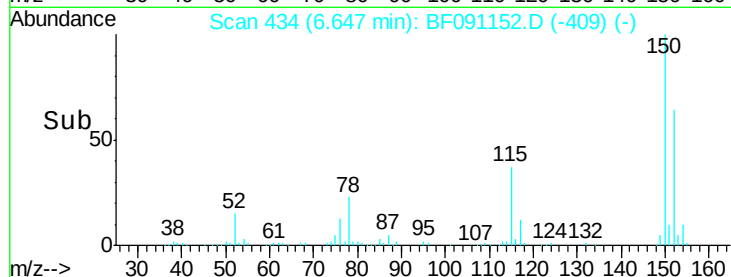
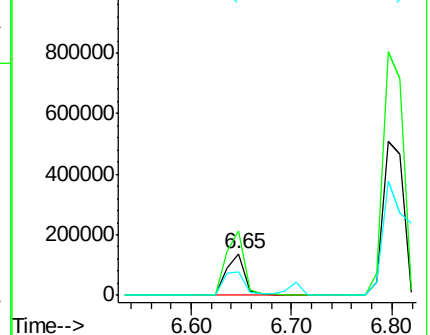
115 57.8 53.3 79.9



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: 71.44 ng

RT: 5.24 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

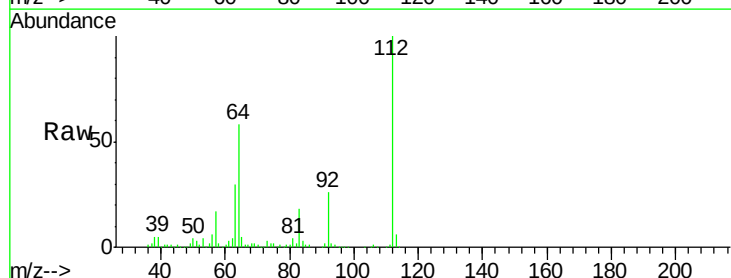
Tgt Ion:112 Resp: 747333

Ion Ratio Lower Upper

112 100

64 58.2 55.8 83.6

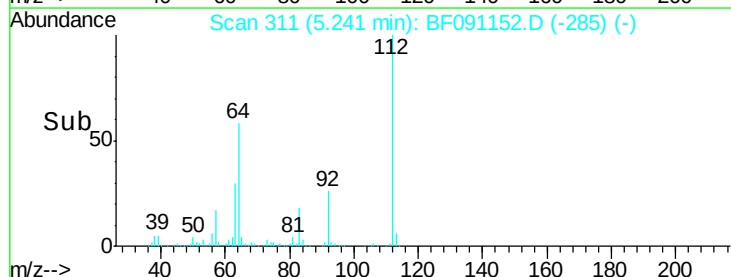
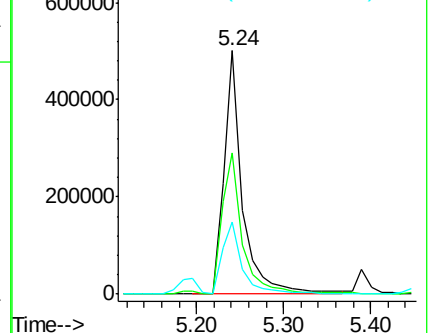
63 29.9 28.0 42.0

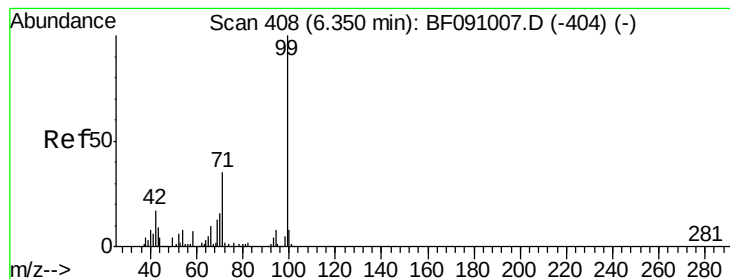


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.55 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampled :

MW-1

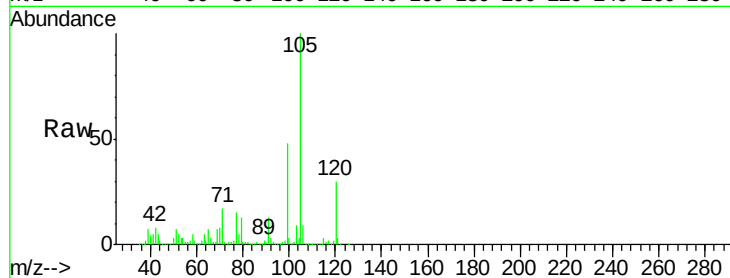
Tot Ion: 99 Resp: 618375

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

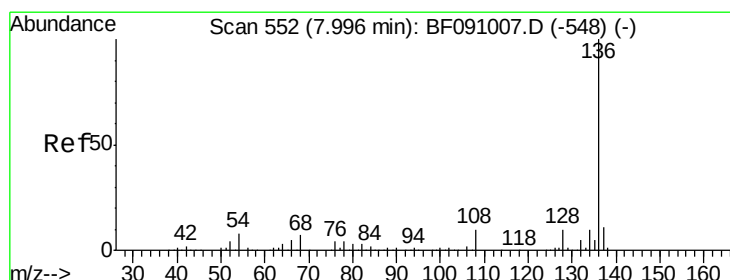
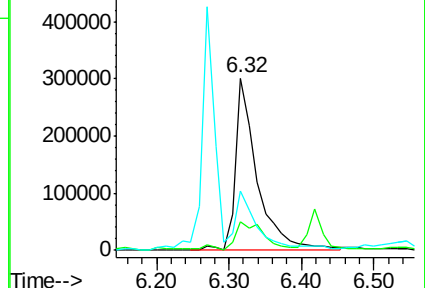
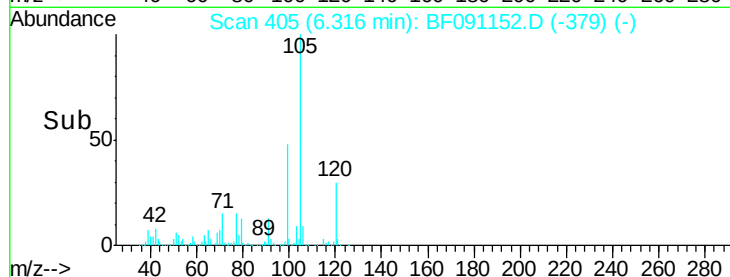
71 34.7 27.8 41.8



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: BF091152.D

Acq: 11 Nov 2016 20:46

Tgt Ion: 136 Resp: 726277

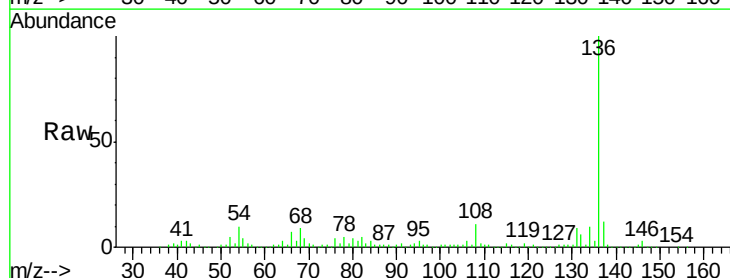
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.8 6.2 9.2#

68 8.7 5.5 8.3#

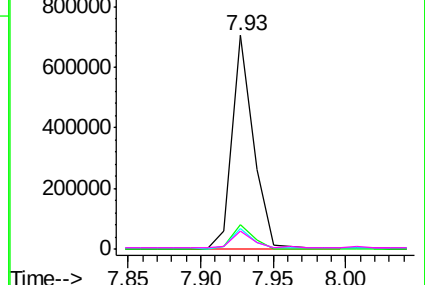
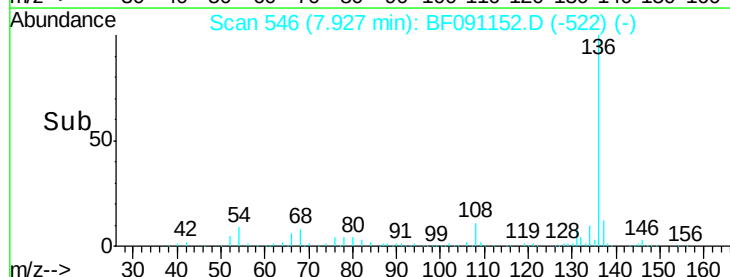


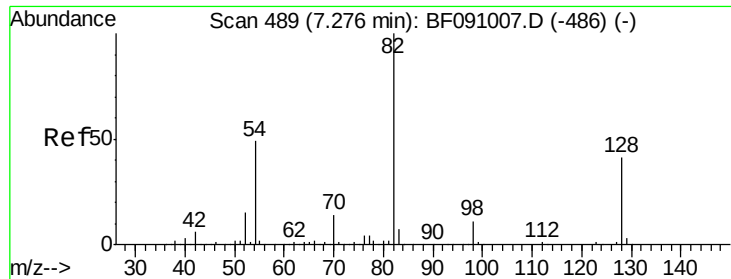
Abundance Ion 136.00 (135.70 to 136.70): E

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



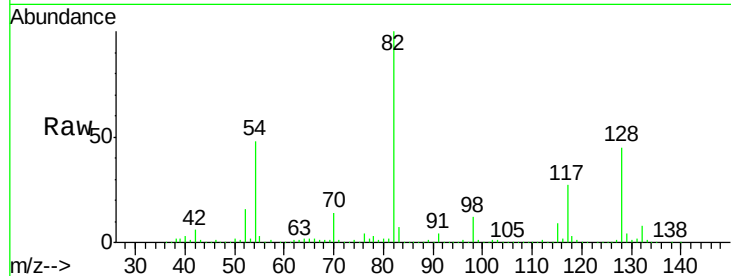


#23
 Nitrobenzene-d5
 Concen: 92.90 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

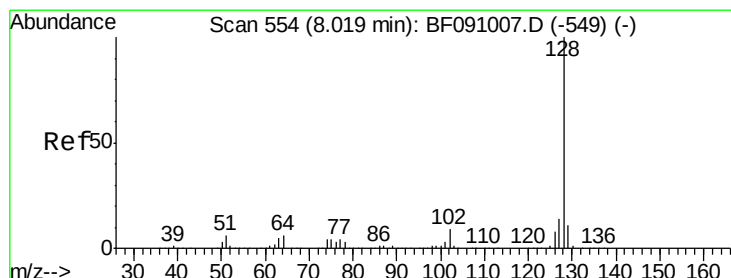
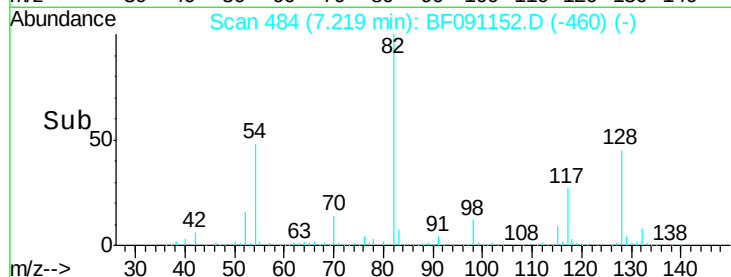
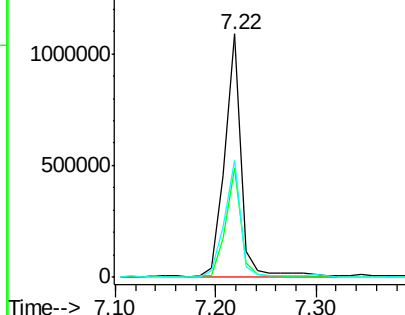
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion: 82 Resp: 1236796

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.4	48.6
54	48.1	39.2	58.8



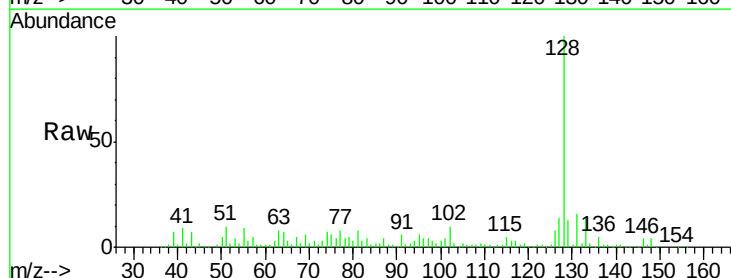
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



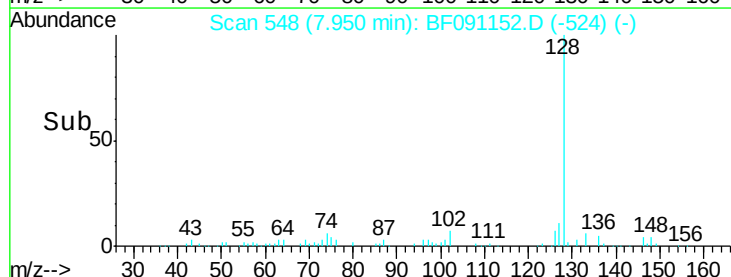
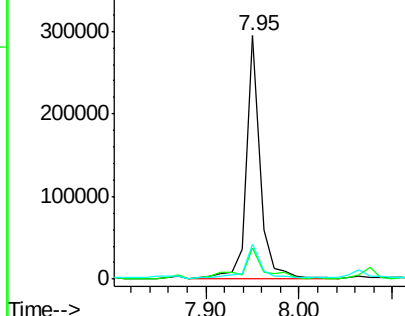
#31
 Naphthalene
 Concen: 8.46 ng
 RT: 7.95 min Scan# 548
 Delta R.T. -0.02 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

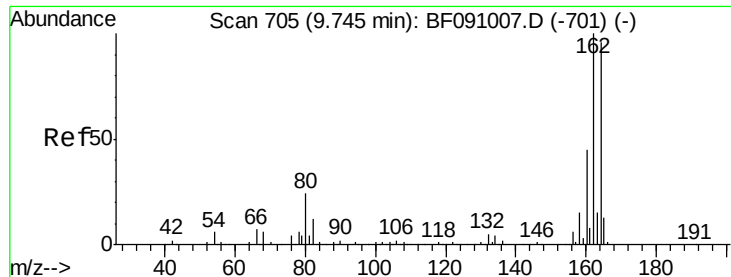
Tgt Ion: 128 Resp: 293944

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.0	13.6
127	14.1	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampleId :

MW-1

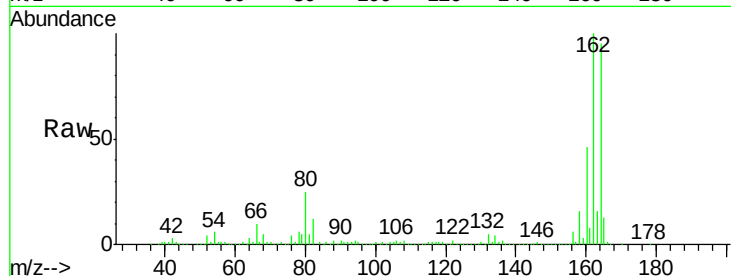
Tot Ion:164 Resp: 378370

Ion Ratio Lower Upper

164 100

162 104.9 83.6 125.4

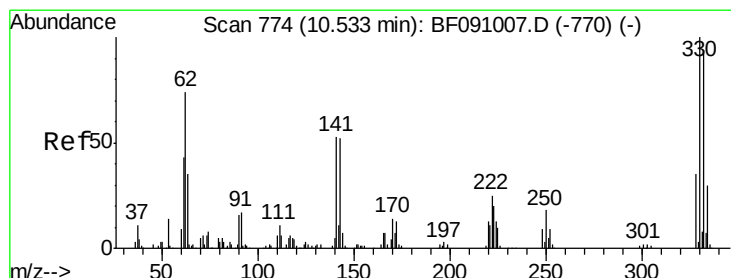
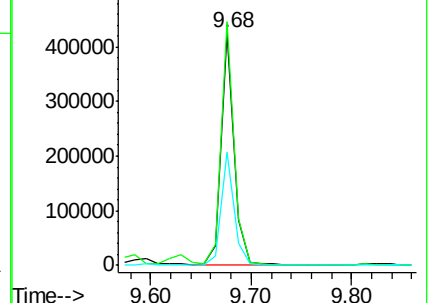
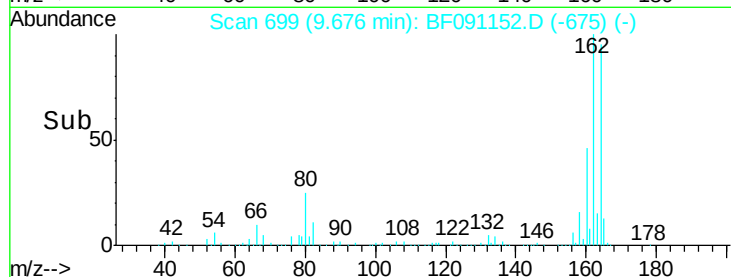
160 48.5 37.9 56.9



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: 169.19 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

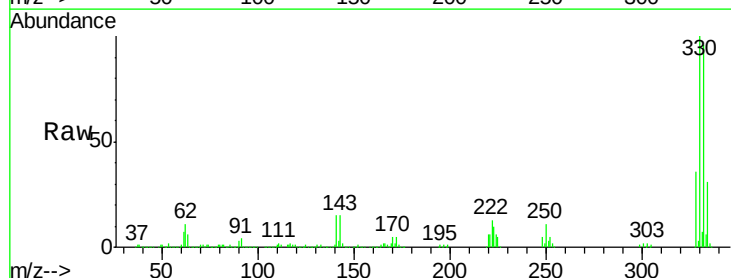
Tgt Ion:330 Resp: 578748

Ion Ratio Lower Upper

330 100

332 95.6 75.9 113.9

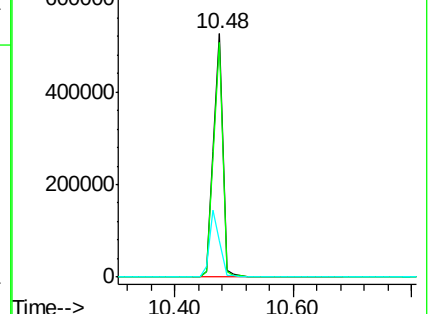
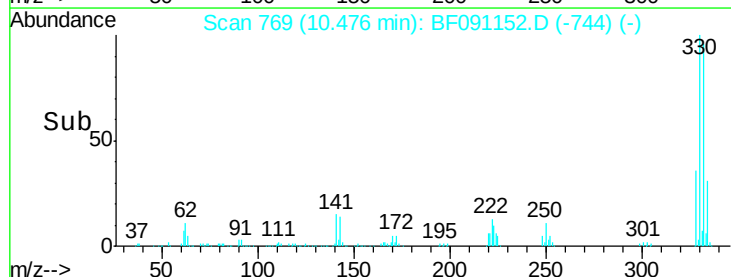
141 30.8 36.1 54.1#

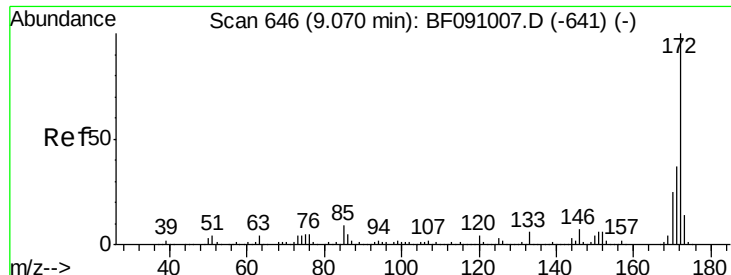


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



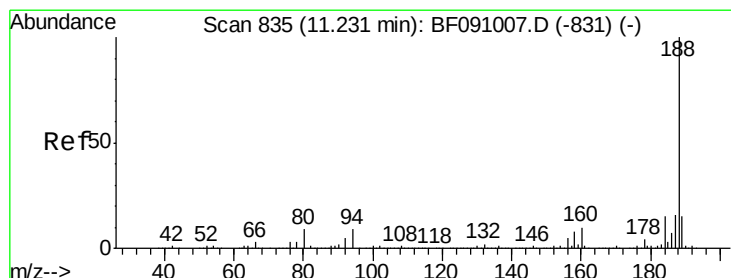
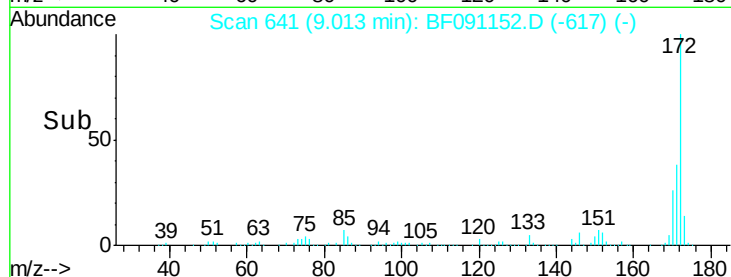
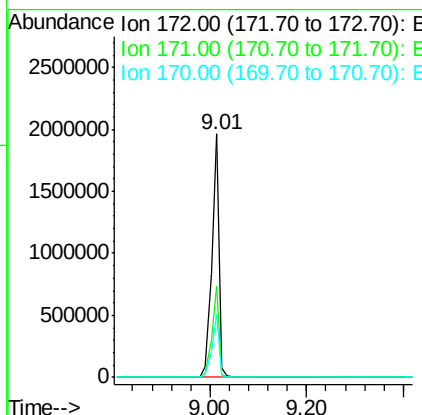
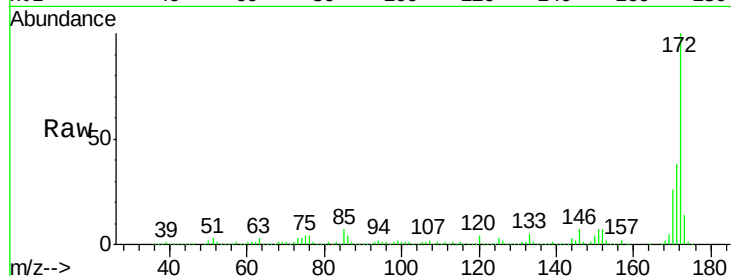


#44
 2-Fluorobiphenyl
 Concen: 93.93 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

Instrument :
 BNA_F
 ClientSampled :
 MW-1

Tot Ion:172 Resp: 2064389

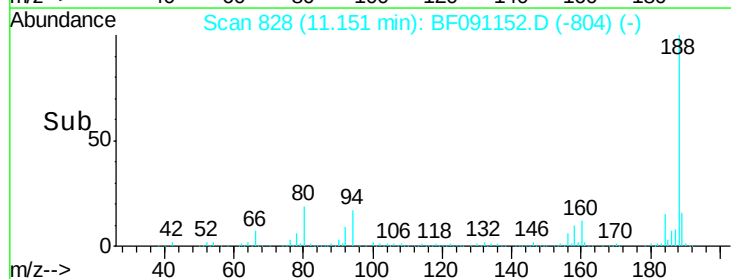
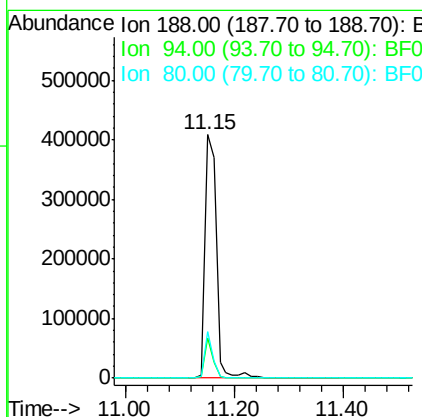
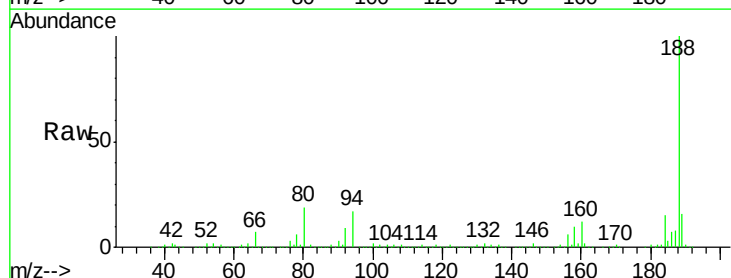
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	26.2	20.3	30.5

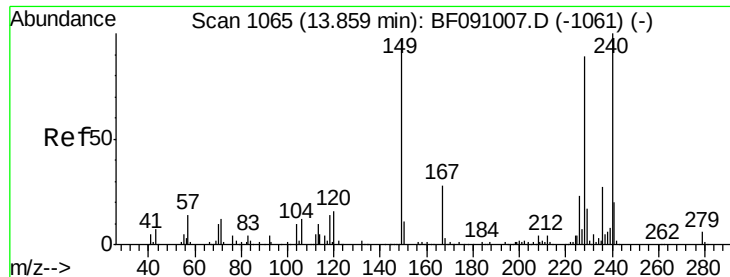


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

Tgt Ion:188 Resp: 587293

Ion	Ratio	Lower	Upper
188	100		
94	16.6	7.0	10.4#
80	18.9	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: BF091152.D

Acq: 11 Nov 2016 20:46

Instrument :

BNA_F

ClientSampled :

MW-1

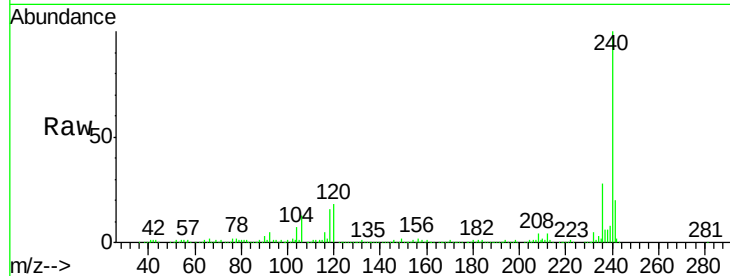
Tot Ion:240 Resp: 453754

Ion Ratio Lower Upper

240 100

120 17.7 12.9 19.3

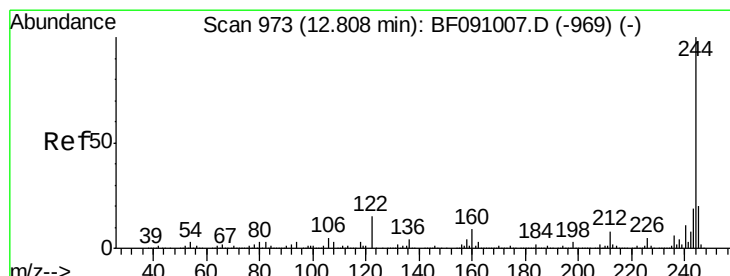
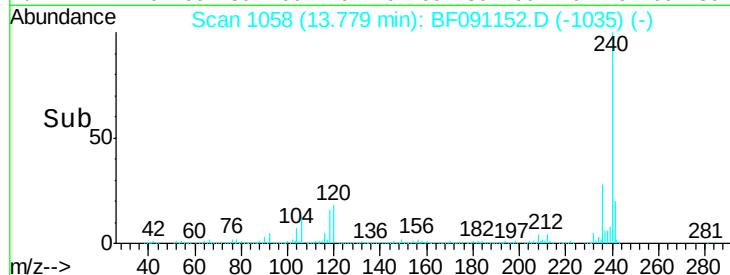
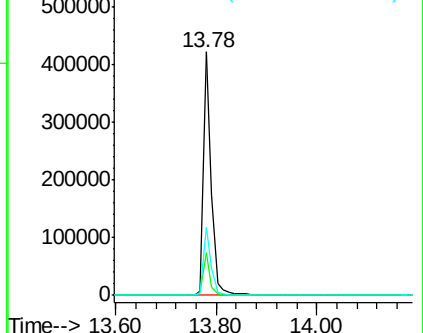
236 28.0 21.9 32.9



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: 95.19 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091152.D

Acq: 11 Nov 2016 20:46

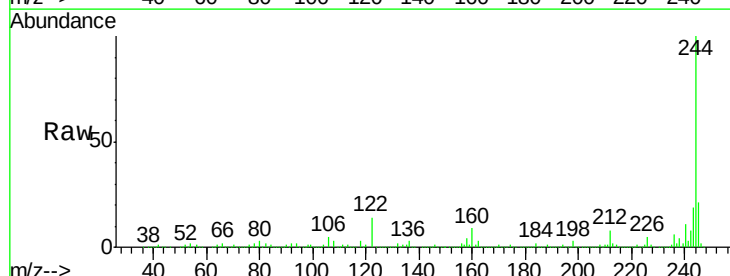
Tgt Ion:244 Resp: 1730820

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

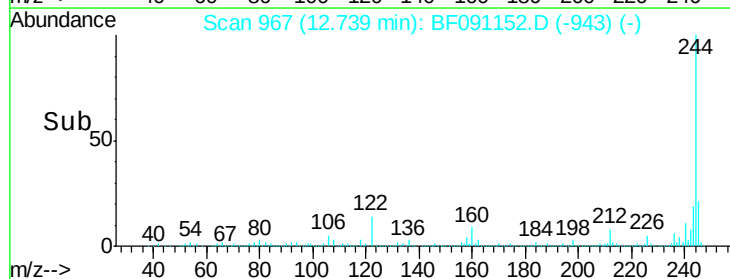
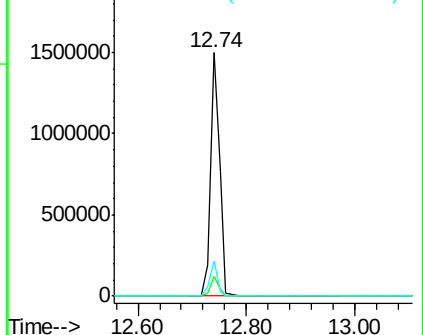
122 14.1 12.3 18.5

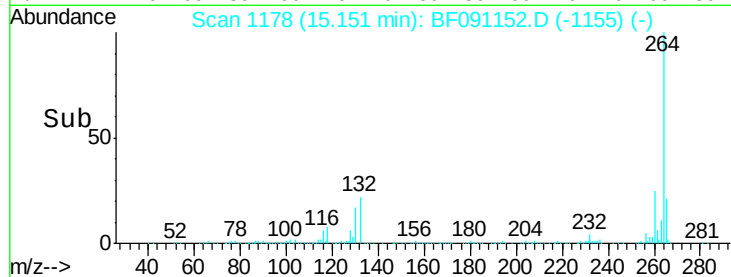
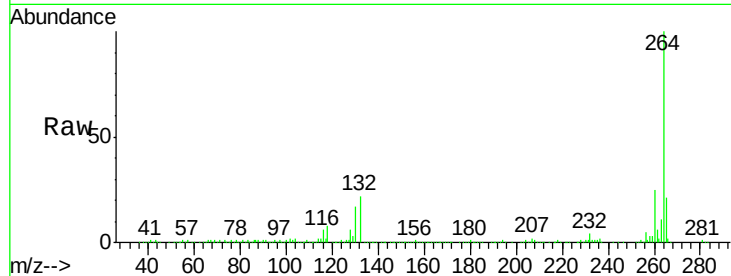
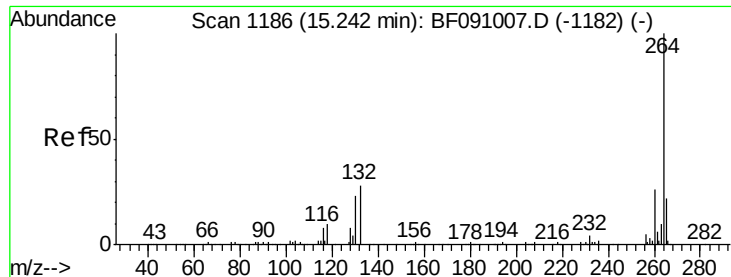


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091152.D
 Acq: 11 Nov 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tot Ion:	264	Resp:	330474
Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.3	17.8	26.8

