

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091383.D
 Acq On : 1 Dec 2016 20:02
 Operator : UM/SJ
 Sample : H5801-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-112916

Quant Time: Dec 02 00:51:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	188266	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	702125	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	442297	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	704419	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	561019	20.00	ng	-0.03
86) Perylene-d12	15.44	264	398487	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	557001	48.33	ng	-0.02
7) Phenol-d6	6.48	99	497497	35.07	ng	-0.02
23) Nitrobenzene-d5	7.42	82	974997	77.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	494227	118.03	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1986133	81.31	ng	-0.02
78) Terphenyl-d14	12.97	244	2152715	83.40	ng	-0.02

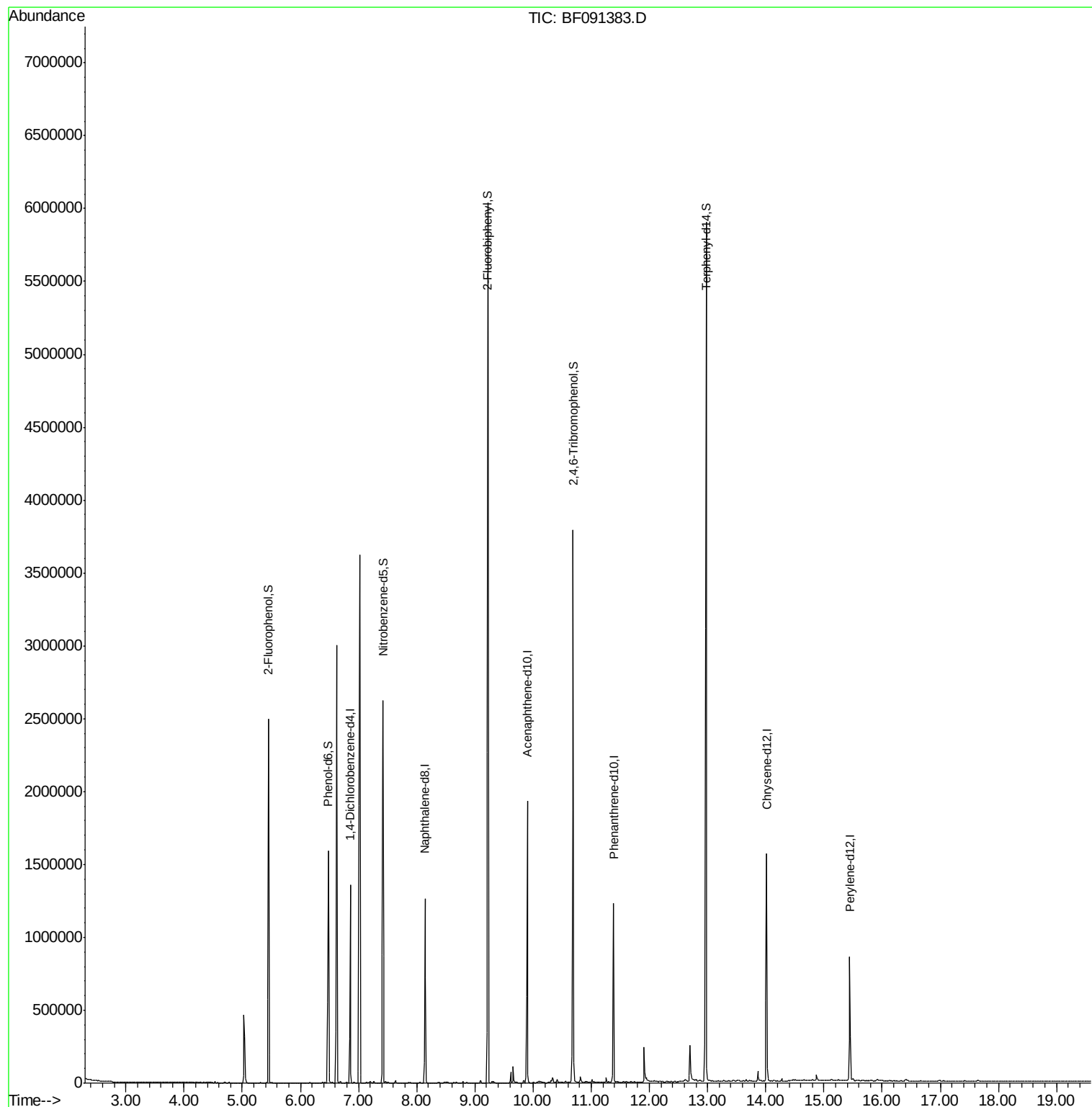
Target Compounds Qvalue

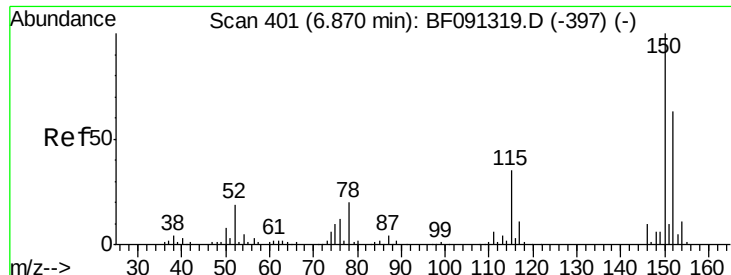
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091383.D

Acq: 1 Dec 2016 20:02

Instrument :

BNA_F

ClientSampleId :

MW-7-112916

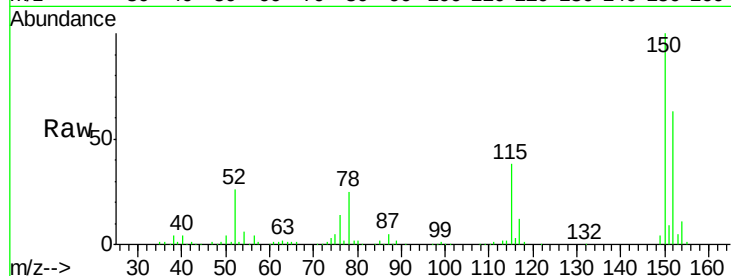
Tot Ion:152 Resp: 188266

Ion Ratio Lower Upper

152 100

150 157.6 122.5 183.7

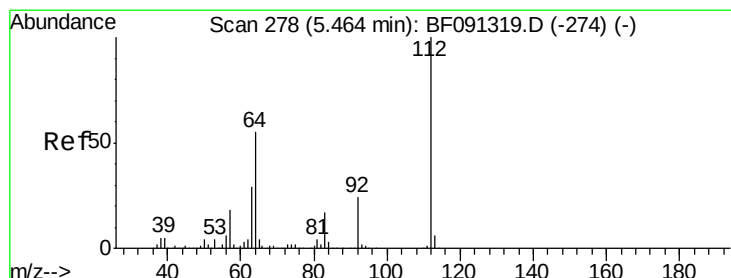
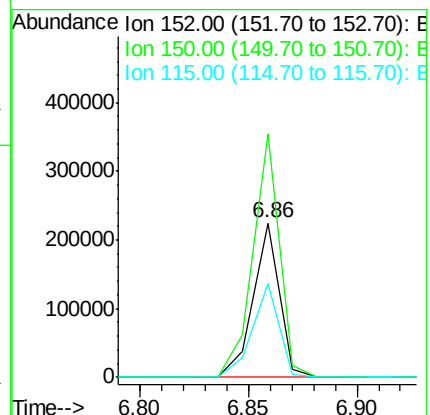
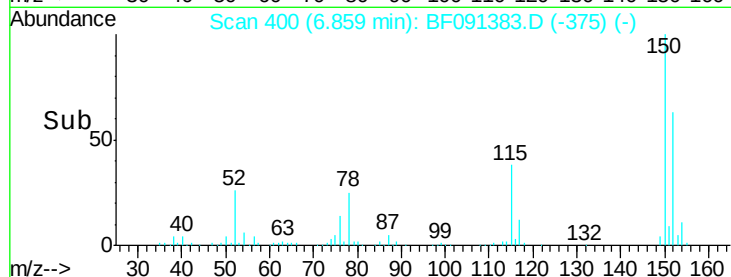
115 60.5 51.8 77.8



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: 48.33 ng

RT: 5.45 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF091383.D

Acq: 1 Dec 2016 20:02

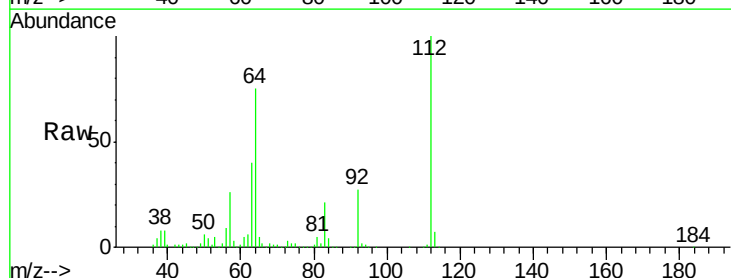
Tgt Ion:112 Resp: 557001

Ion Ratio Lower Upper

112 100

64 74.7 61.5 92.3

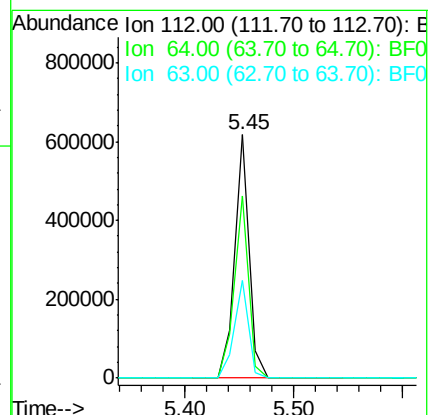
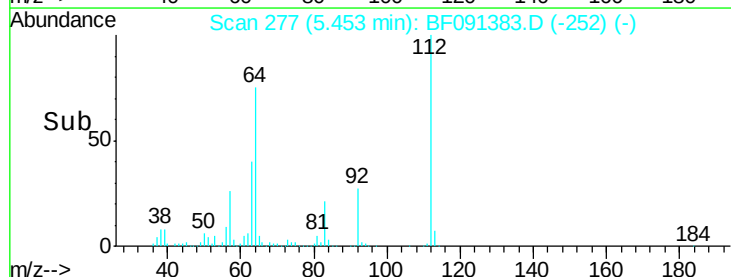
63 40.4 33.3 49.9

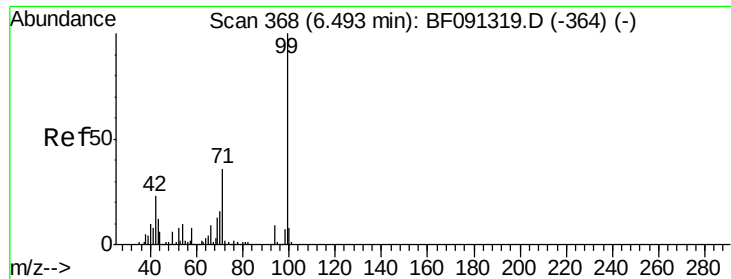


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.07 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.02 min

Lab File: BF091383.D

Acq: 1 Dec 2016 20:02

Instrument :

BNA_F

ClientSampleId :

MW-7-112916

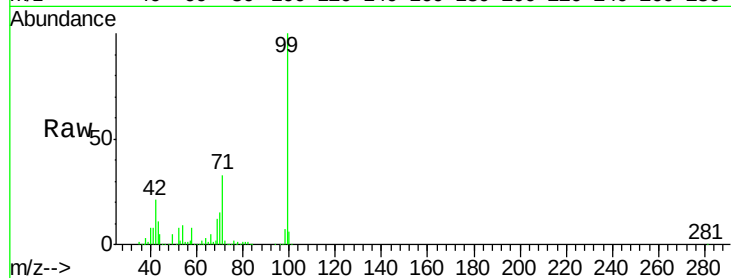
Tot Ion: 99 Resp: 497497

Ion Ratio Lower Upper

99 100

42 20.8 20.6 31.0

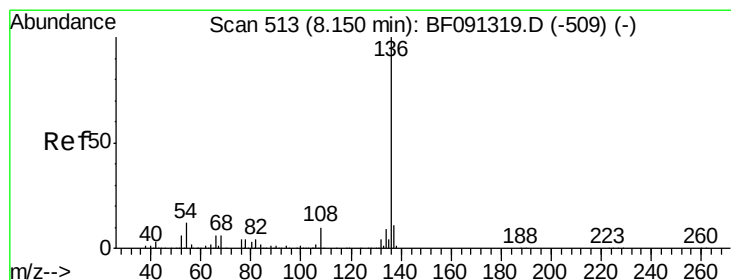
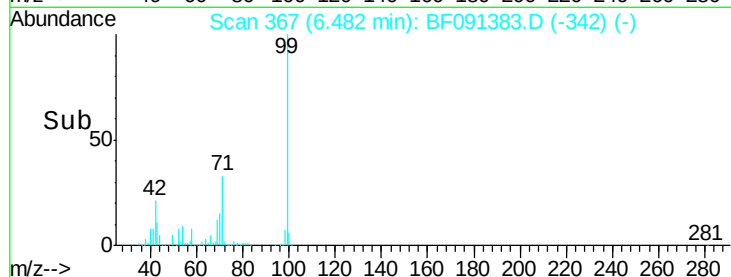
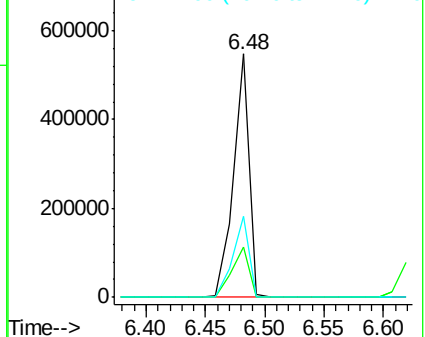
71 33.2 29.9 44.9



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: 8.14 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091383.D

Acq: 1 Dec 2016 20:02

Tgt Ion: 136 Resp: 702125

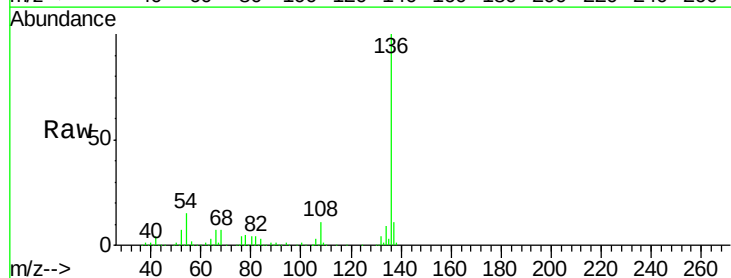
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 14.6 9.1 13.7#

68 6.5 5.9 8.9

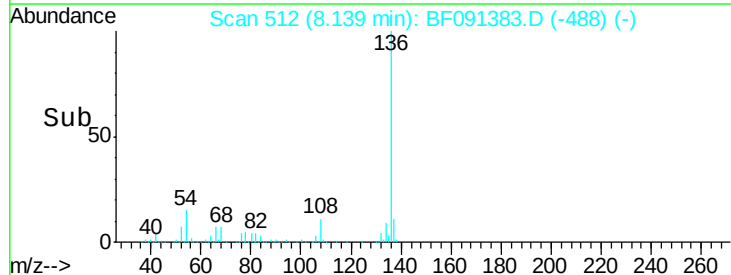
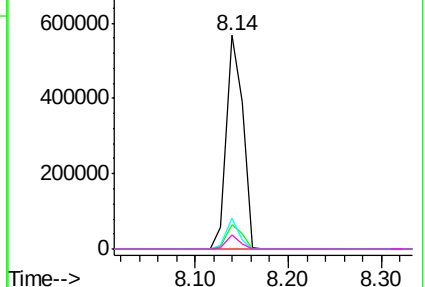


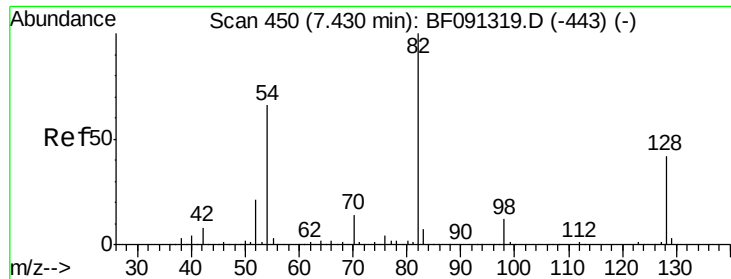
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.82 ng

RT: 7.42 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF091383.D

Acq: 1 Dec 2016 20:02

Instrument :

BNA_F

ClientSampleId :

MW-7-112916

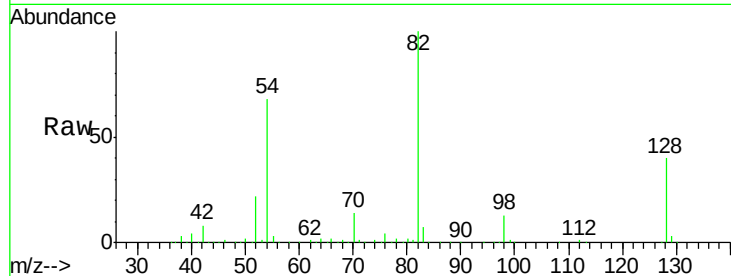
Tot Ion: 82 Resp: 974997

Ion Ratio Lower Upper

82 100

128 40.2 31.8 47.6

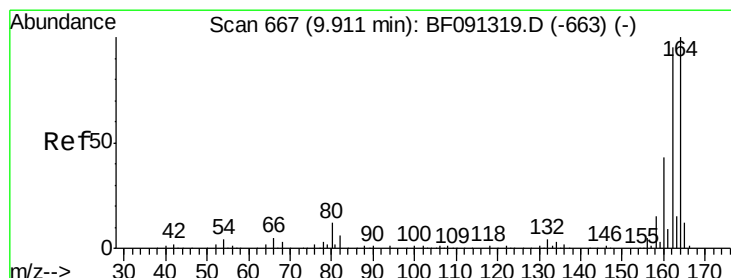
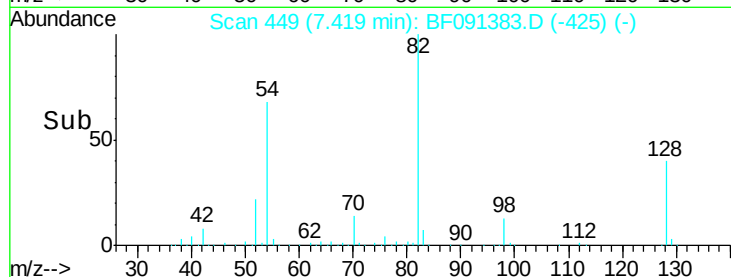
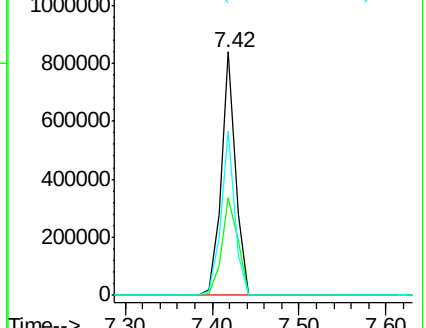
54 67.6 49.1 73.7



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: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091383.D

Acq: 1 Dec 2016 20:02

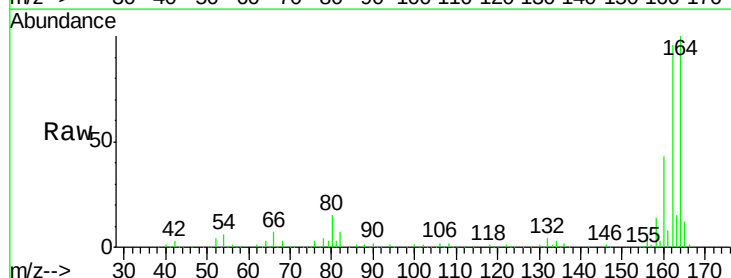
Tgt Ion: 164 Resp: 442297

Ion Ratio Lower Upper

164 100

162 96.3 82.6 124.0

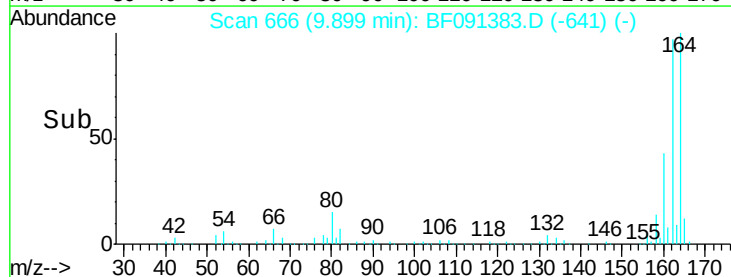
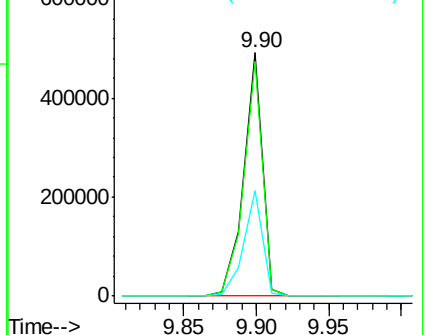
160 43.1 36.7 55.1

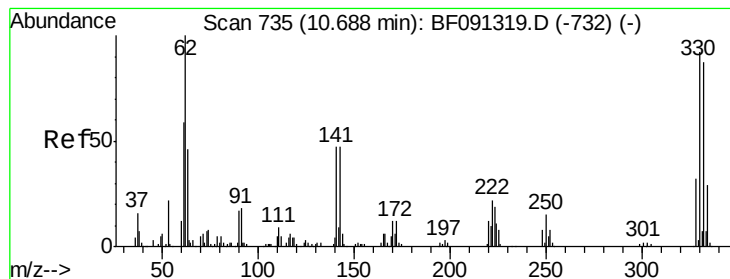


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

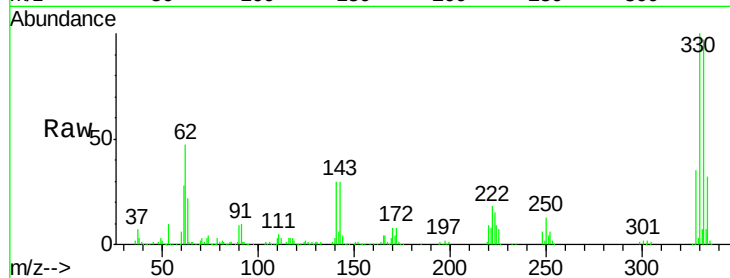




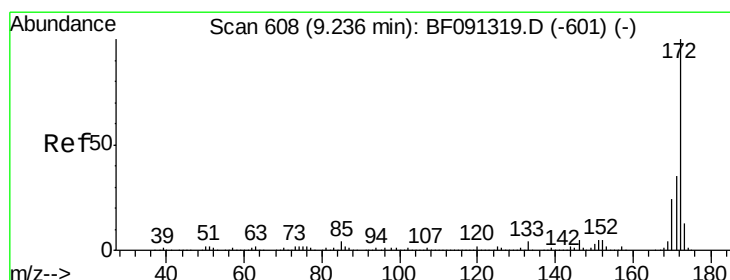
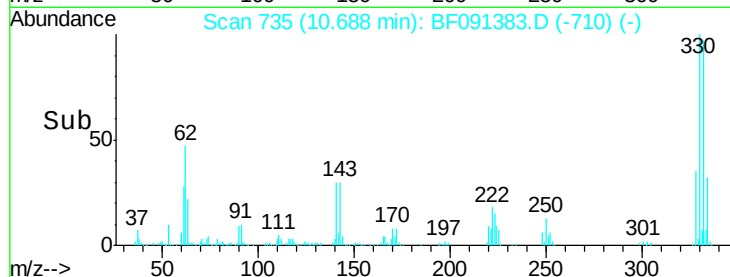
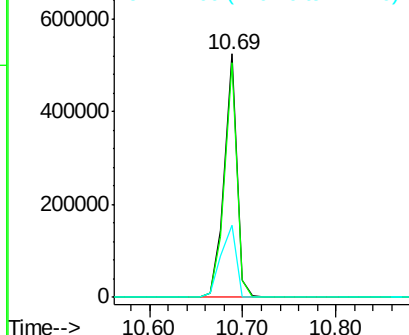
#41
 2,4,6-Tribromophenol
 Concen: 118.03 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091383.D
 Acq: 1 Dec 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-112916

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	35.5	33.6	50.4

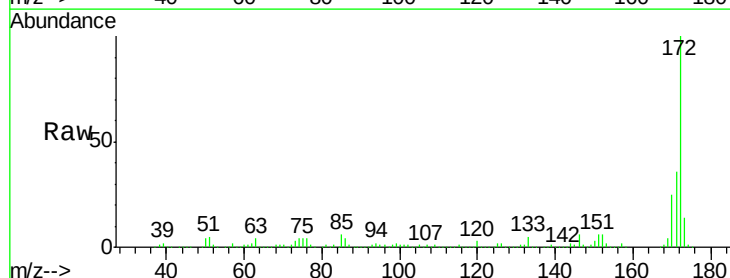


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

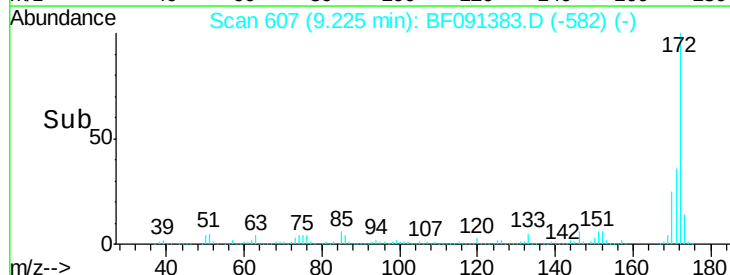
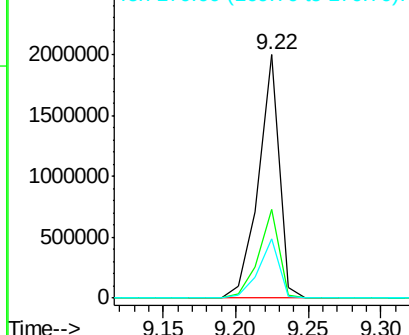


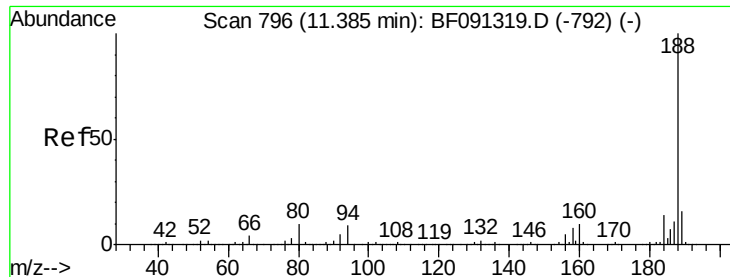
#44
 2-Fluorobiphenyl
 Concen: 81.31 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091383.D
 Acq: 1 Dec 2016 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	19.7	29.5



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

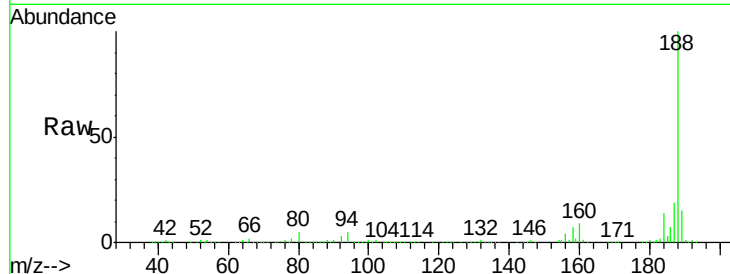




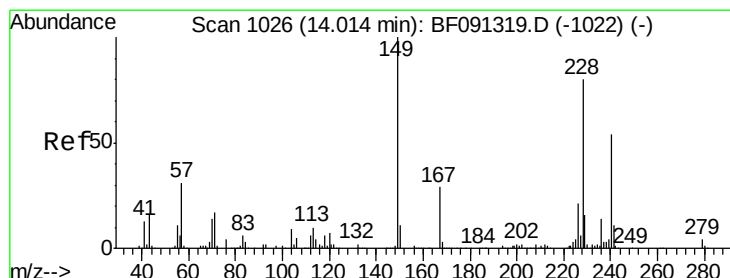
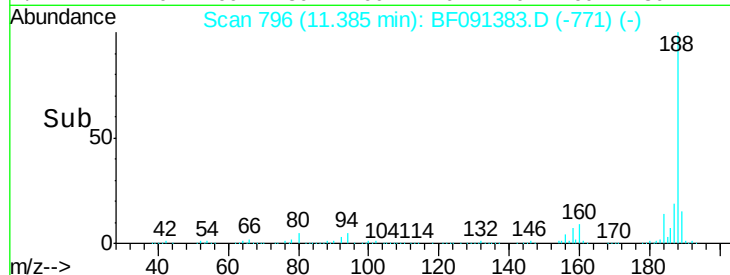
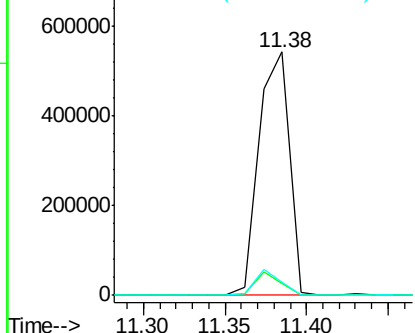
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091383.D
Acq: 1 Dec 2016 20:02

Instrument :
BNA_F
ClientSampleId :
MW-7-112916

Tot Ion:188 Resp: 704419
Ion Ratio Lower Upper
188 100
94 5.1 9.2 13.8#
80 5.2 10.5 15.7#

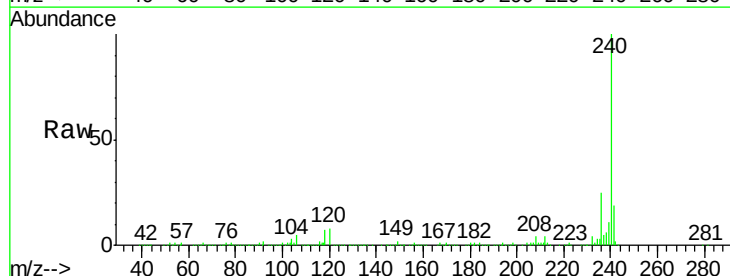


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

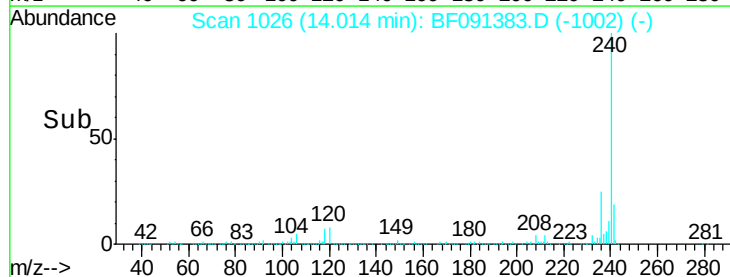
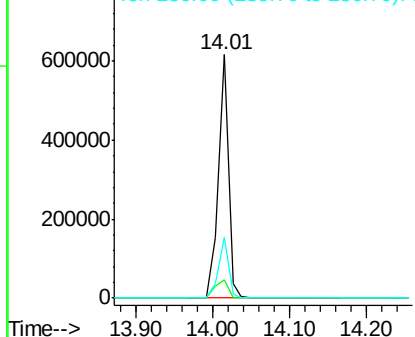


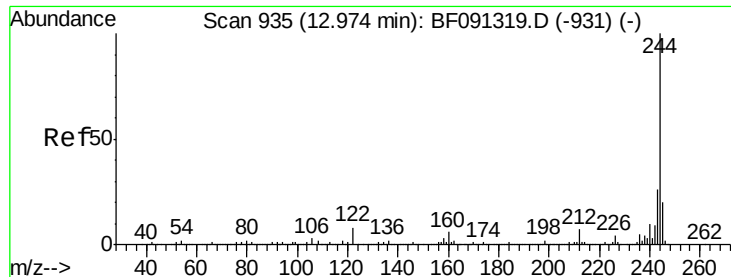
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091383.D
Acq: 1 Dec 2016 20:02

Tgt Ion:240 Resp: 561019
Ion Ratio Lower Upper
240 100
120 7.6 12.1 18.1#
236 25.0 21.0 31.6



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

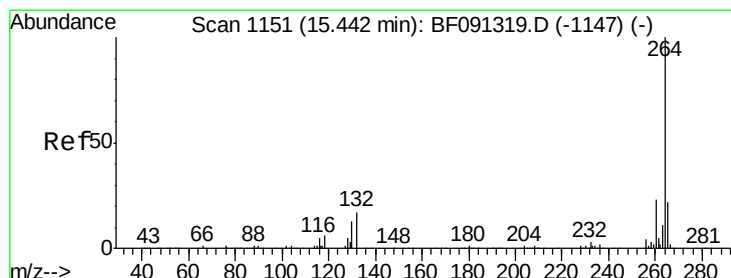
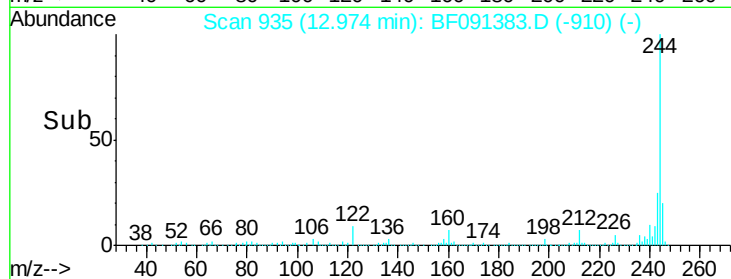
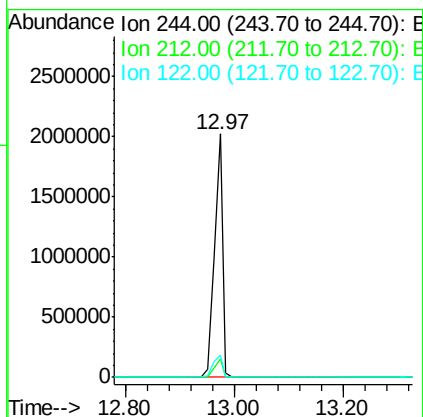
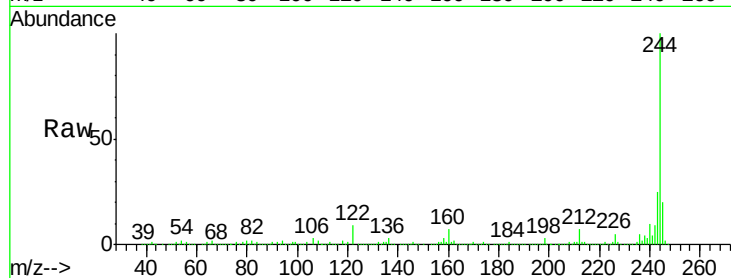




#78
 Terphenyl-d14
 Concen: 83.40 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091383.D
 Acq: 1 Dec 2016 20:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-7-112916

Tot Ion:244 Resp: 2152715
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.2 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091383.D
 Acq: 1 Dec 2016 20:02

Tgt Ion:264 Resp: 398487
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.6 17.0 25.6

