

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
 Data File : BF091378.D
 Acq On : 1 Dec 2016 17:44
 Operator : UM/SJ
 Sample : H5801-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A-112916

Quant Time: Dec 02 00:33:59 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

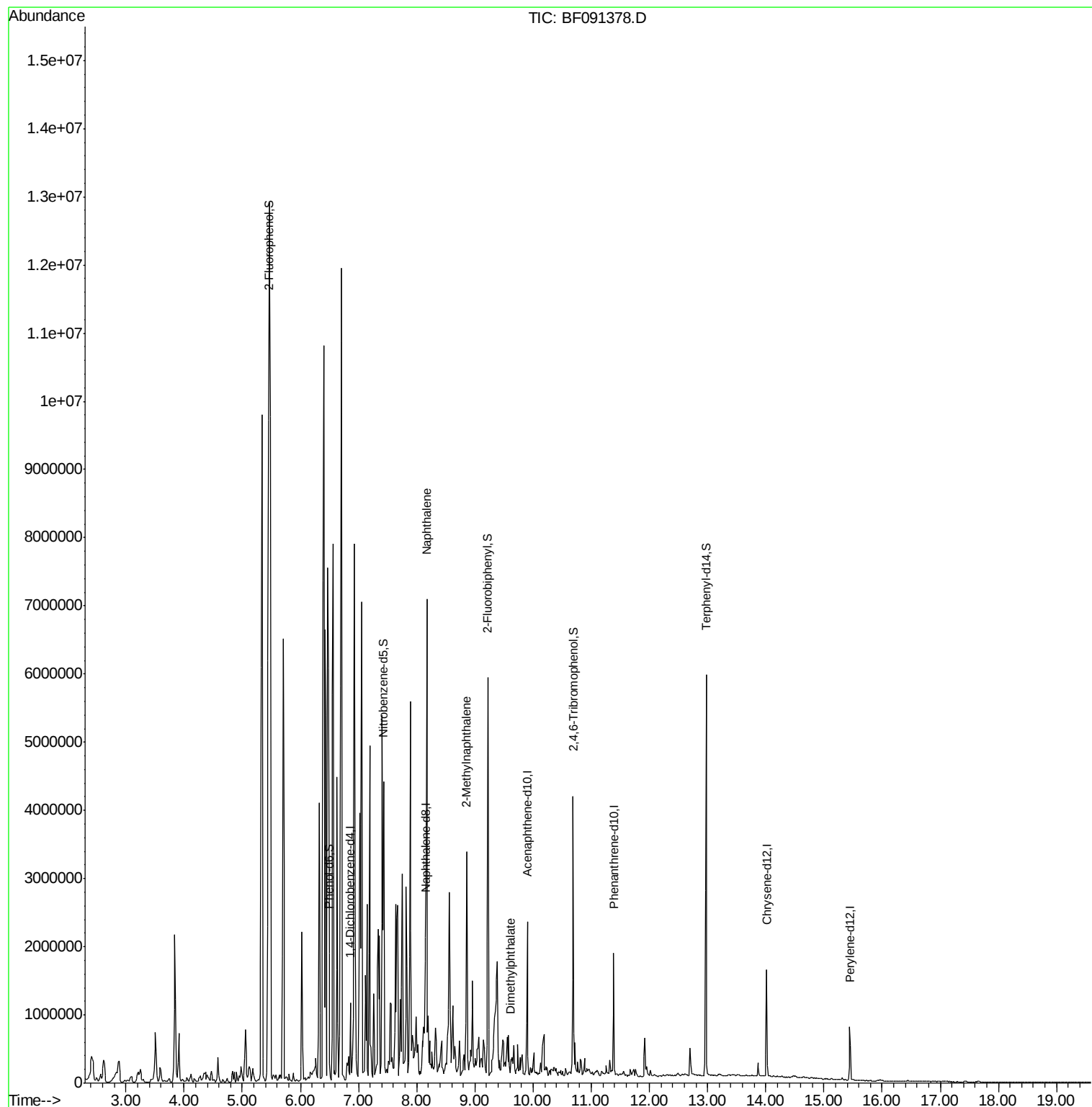
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	185904	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	737427	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	438252	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	756632	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	533003	20.00	ng	-0.03
86) Perylene-d12	15.44	264	410424	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	517708	45.49	ng	0.00
7) Phenol-d6	6.49	99	629954	44.97	ng	0.00
23) Nitrobenzene-d5	7.43	82	1114736	84.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	513083	123.66	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1956930	80.85	ng	-0.02
78) Terphenyl-d14	12.97	244	2032381	82.88	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.17	128	3046034	86.91	ng	98
37) 2-Methylnaphthalene	8.86	142	858794	36.07	ng	93
49) Dimethylphthalate	9.61	163	99740	3.76	ng	# 91

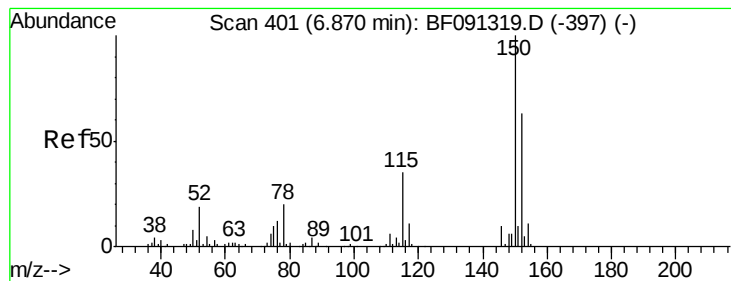
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091378.D

Acq: 1 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4A-112916

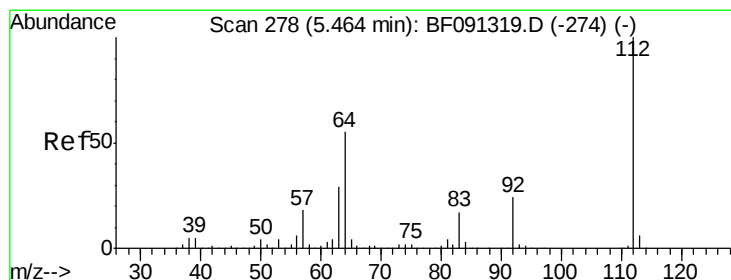
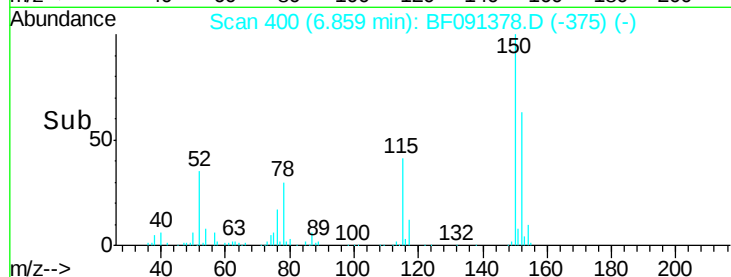
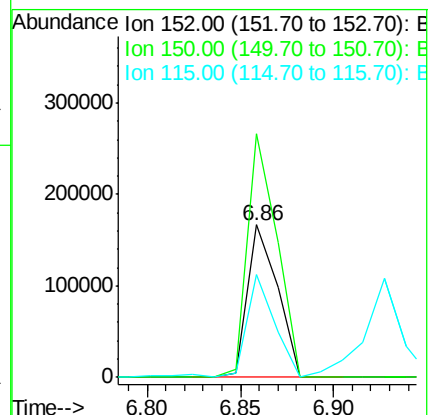
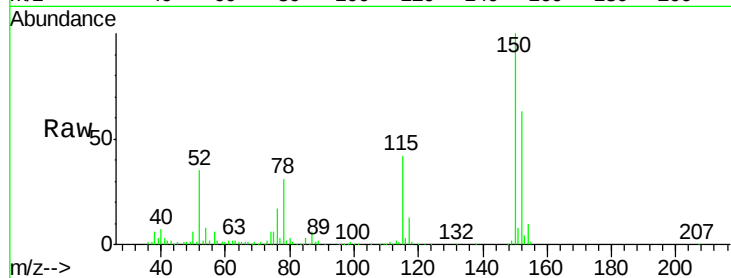
Tot Ion:152 Resp: 185904

Ion Ratio Lower Upper

152 100

150 159.8 122.5 183.7

115 67.3 51.8 77.8



#5

2-Fluorophenol

Concen: 45.49 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091378.D

Acq: 1 Dec 2016 17:44

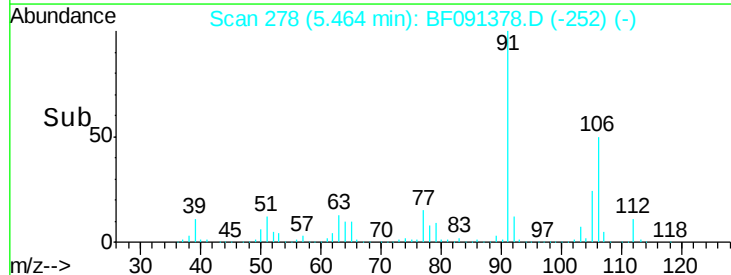
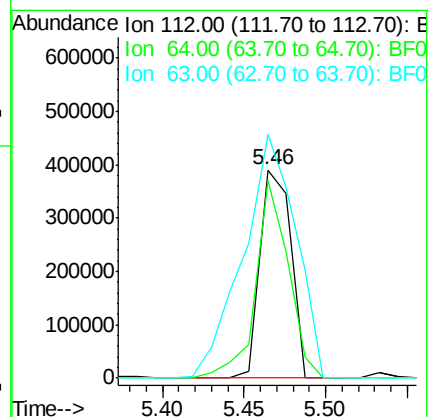
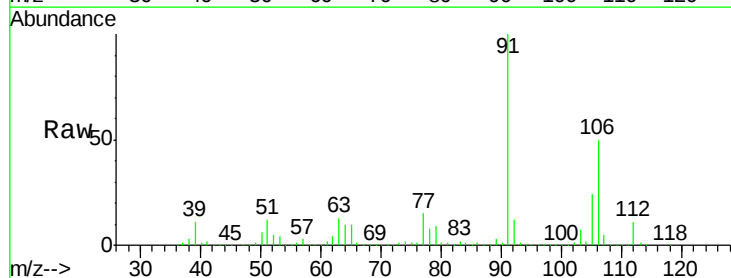
Tgt Ion:112 Resp: 517708

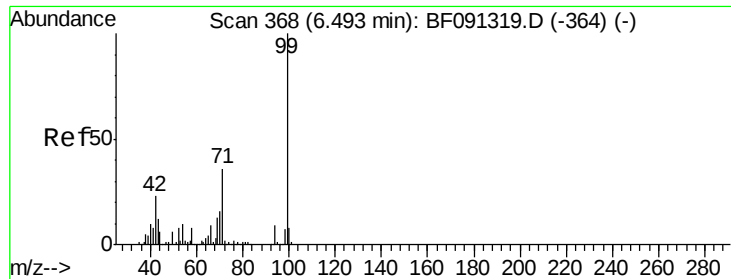
Ion Ratio Lower Upper

112 100

64 94.7 61.5 92.3#

63 116.9 33.3 49.9#





#7

Phenol-d6

Concen: 44.97 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091378.D

Acq: 1 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4A-112916

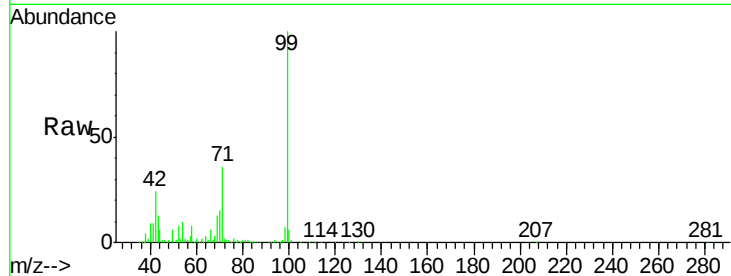
Tot Ion: 99 Resp: 629954

Ion Ratio Lower Upper

99 100

42 23.9 20.6 31.0

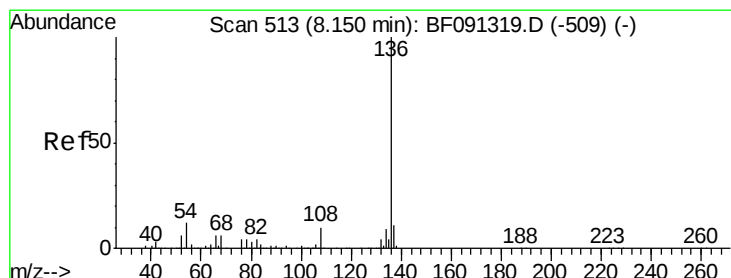
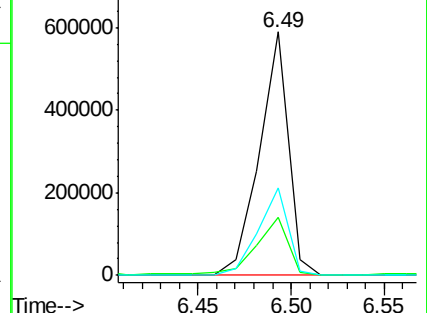
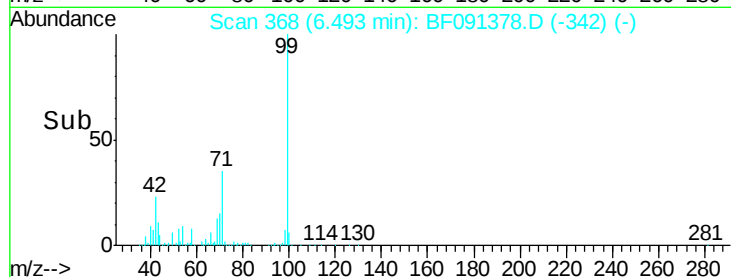
71 35.8 29.9 44.9



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: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091378.D

Acq: 1 Dec 2016 17:44

Tgt Ion: 136 Resp: 737427

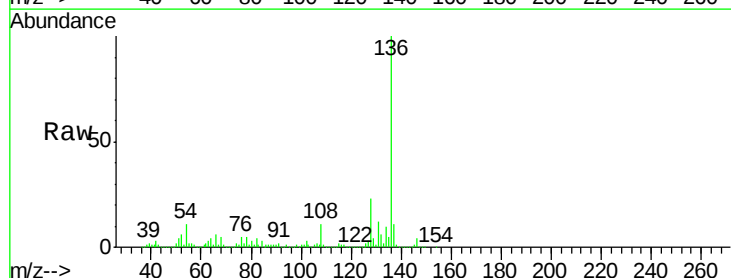
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 10.8 9.1 13.7

68 5.3 5.9 8.9#

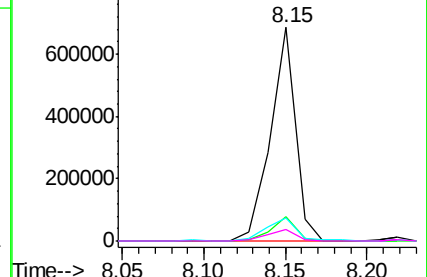
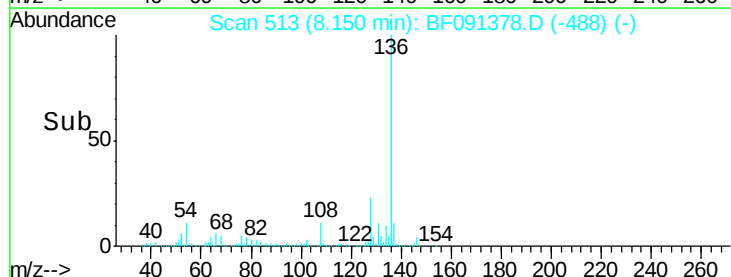


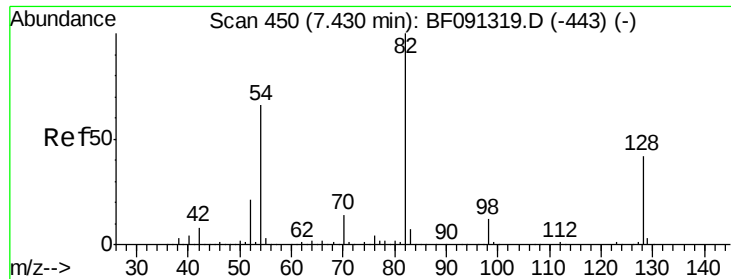
Abundance Ion 136.00 (135.70 to 136.70): E

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

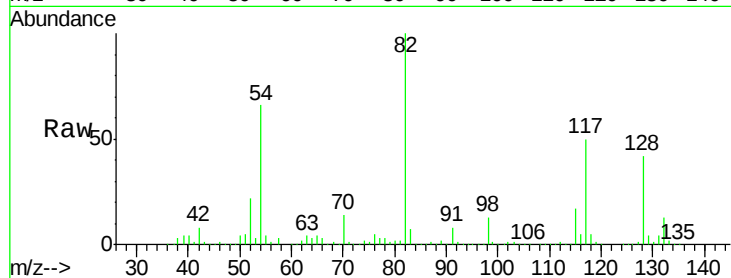




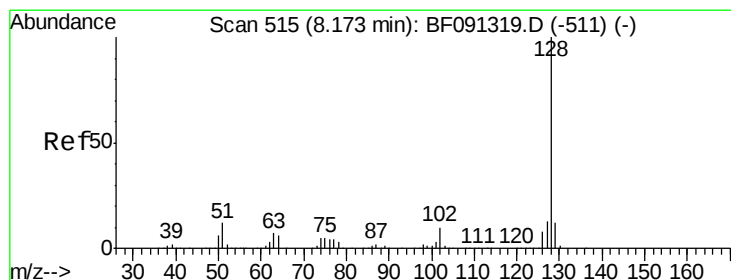
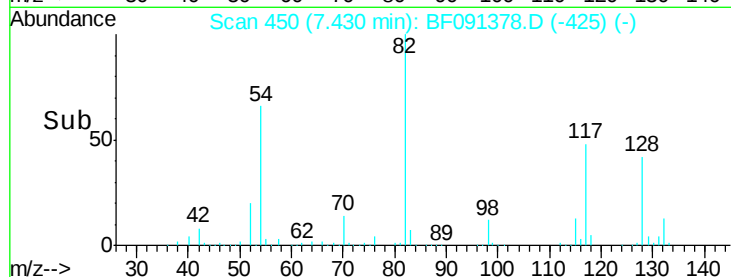
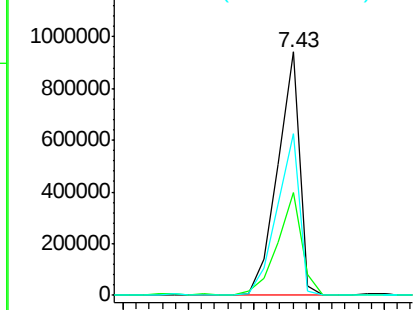
#23
Nitrobenzene-d5
Concen: 84.71 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091378.D
Acq: 1 Dec 2016 17:44

Instrument :
BNA_F
ClientSampleId :
MW-4A-112916

Tot Ion: 82 Resp: 1114736
Ion Ratio Lower Upper
82 100
128 42.3 31.8 47.6
54 66.4 49.1 73.7

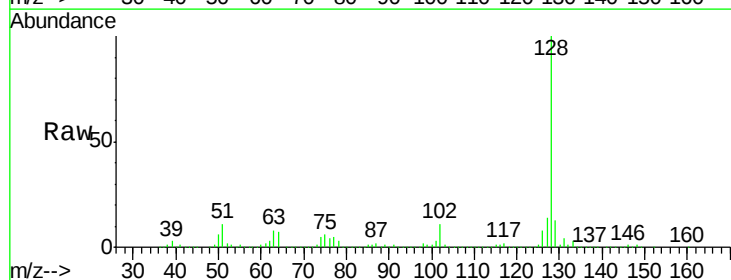


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

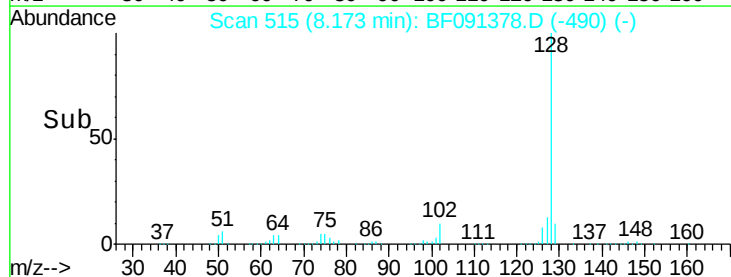
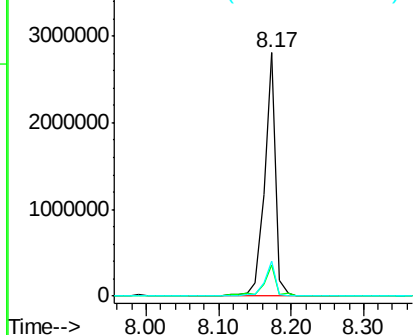


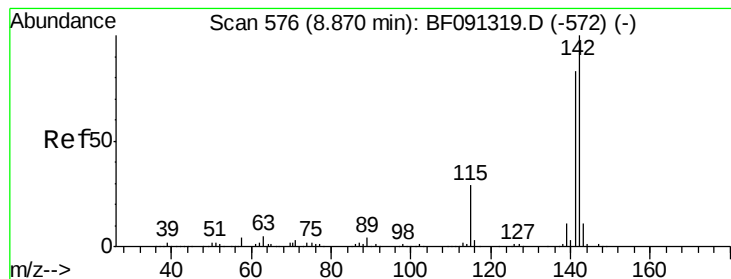
#31
Naphthalene
Concen: 86.91 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091378.D
Acq: 1 Dec 2016 17:44

Tgt Ion: 128 Resp: 3046034
Ion Ratio Lower Upper
128 100
129 12.7 9.1 13.7
127 14.4 11.0 16.4



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

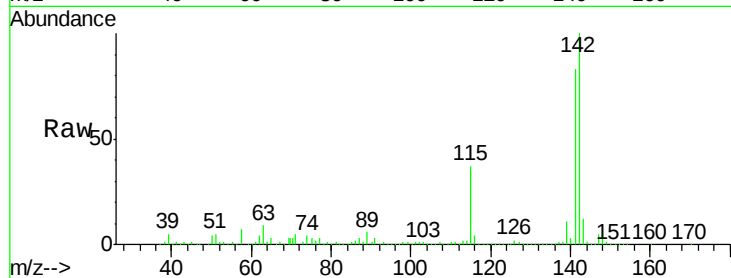




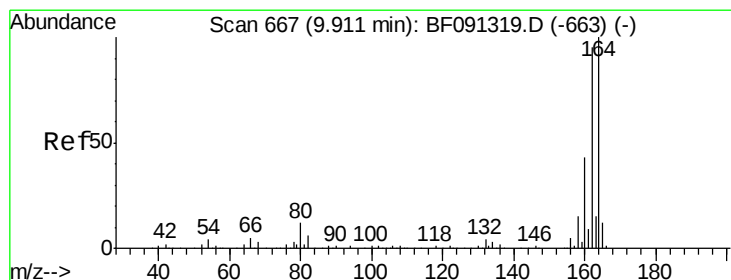
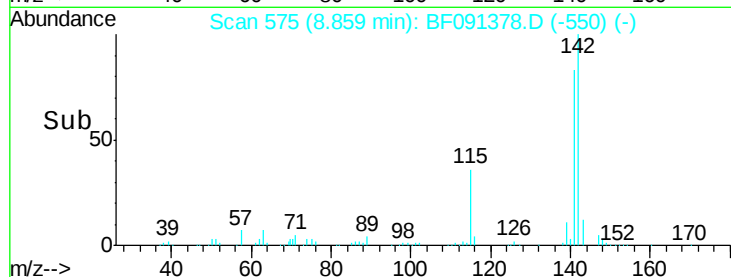
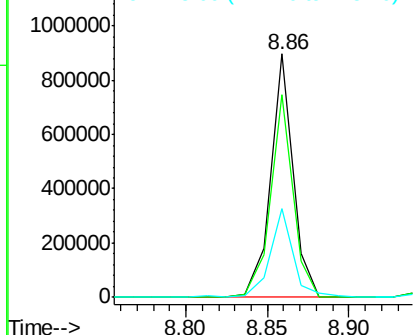
#37
2-Methylnaphthalene
Concen: 36.07 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091378.D
Acq: 1 Dec 2016 17:44

Instrument :
BNA_F
ClientSampleId :
MW-4A-112916

Tot Ion:142 Resp: 858794
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 36.6 25.0 37.6

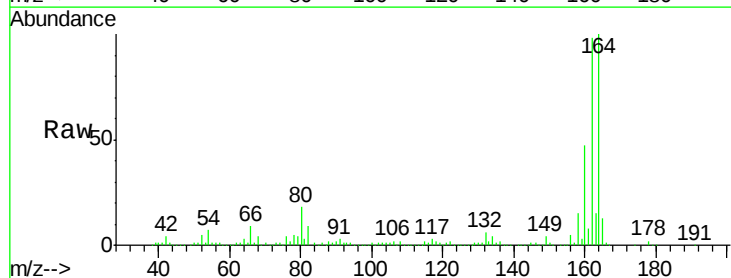


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

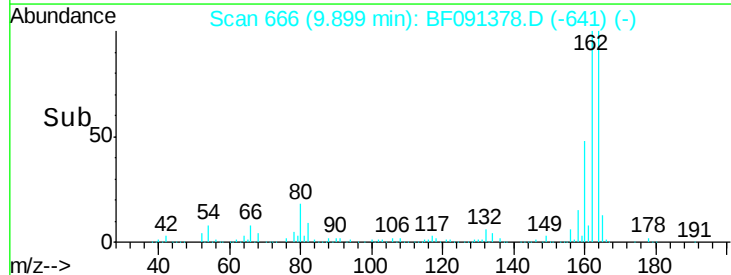
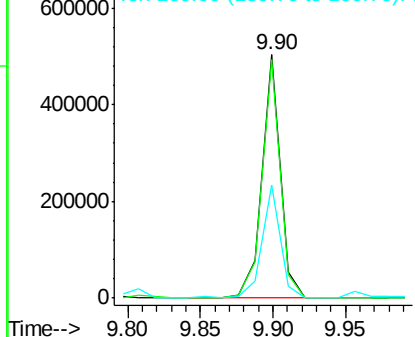


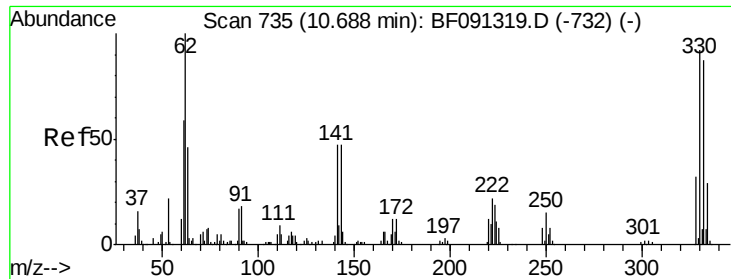
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091378.D
Acq: 1 Dec 2016 17:44

Tgt Ion:164 Resp: 438252
Ion Ratio Lower Upper
164 100
162 98.0 82.6 124.0
160 46.7 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

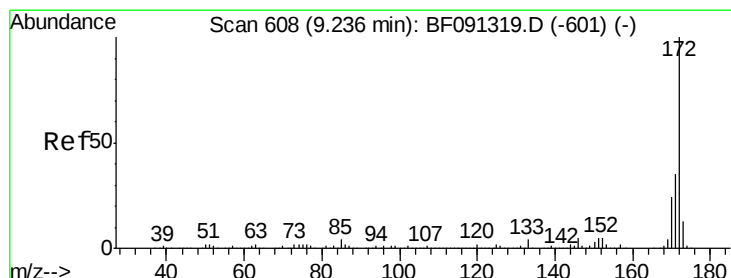
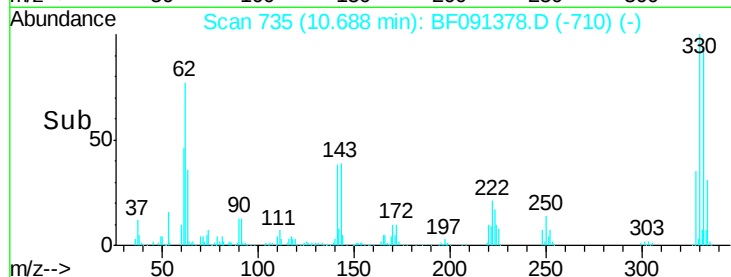
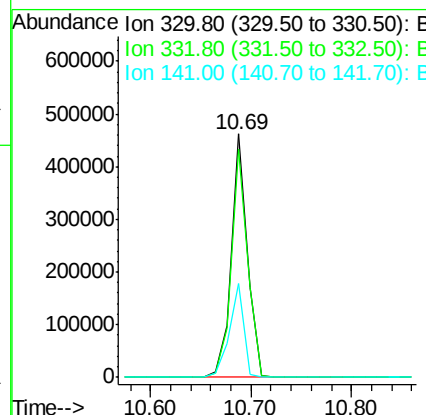
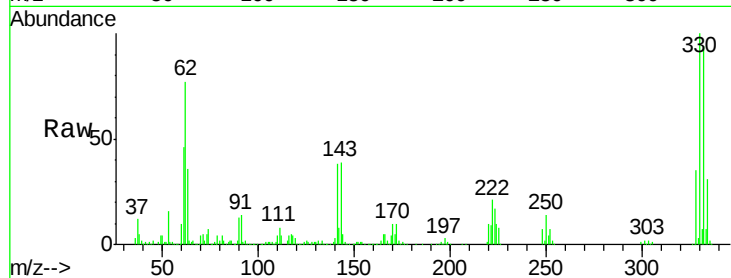




#41
 2,4,6-Tribromophenol
 Concen: 123.66 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091378.D
 Acq: 1 Dec 2016 17:44

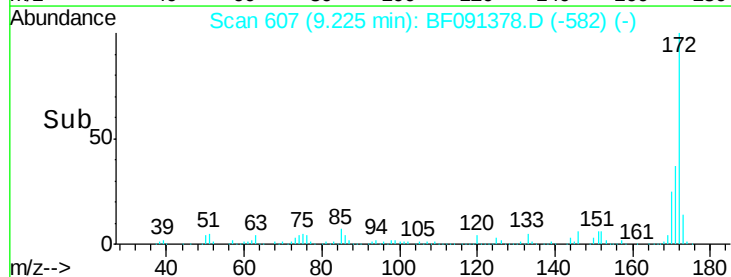
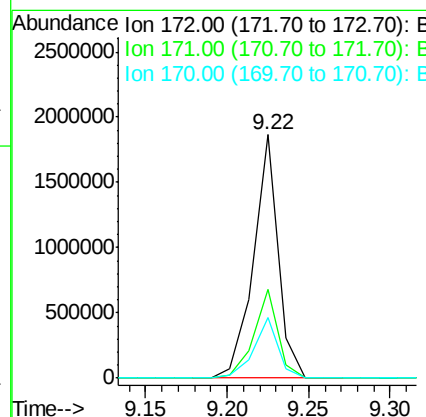
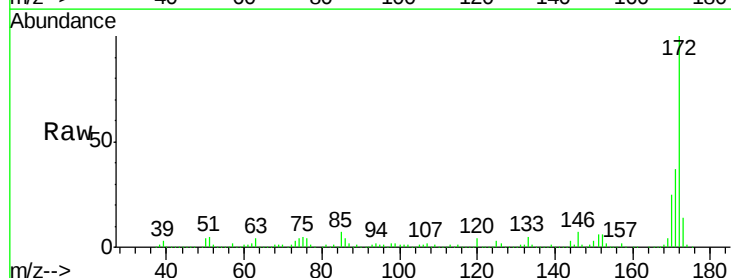
Instrument :
 BNA_F
 ClientSampleId :
 MW-4A-112916

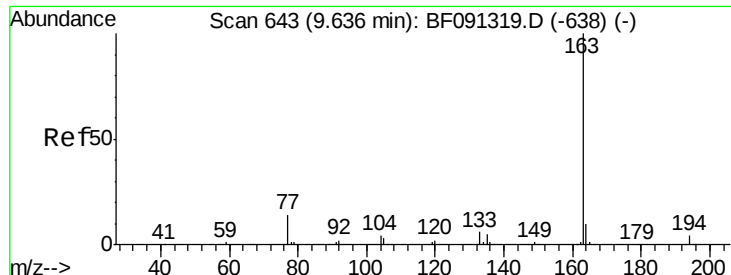
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.2	114.4
141	34.3	33.6	50.4



#44
 2-Fluorobiphenyl
 Concen: 80.85 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091378.D
 Acq: 1 Dec 2016 17:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.6	19.7	29.5

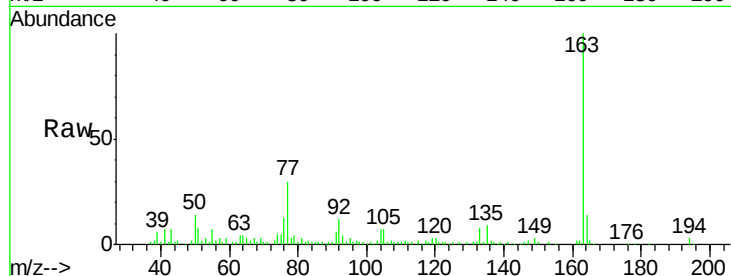




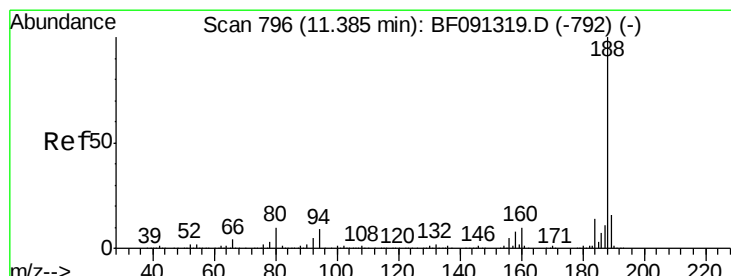
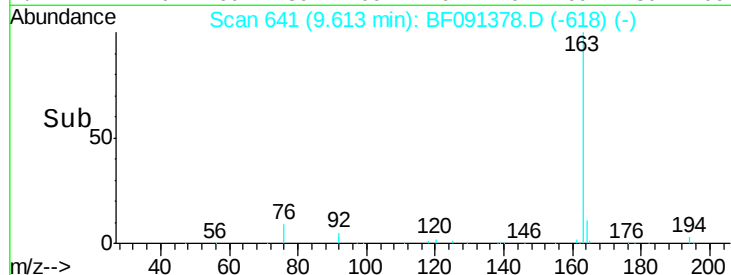
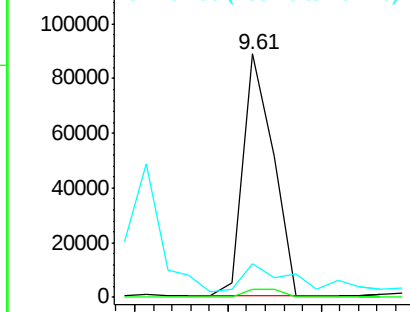
#49
Dimethylphthalate
Concen: 3.76 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091378.D
Acq: 1 Dec 2016 17:44

Instrument :
BNA_F
ClientSampleId :
MW-4A-112916

Tot Ion:163 Resp: 99740
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 14.1 7.8 11.8#

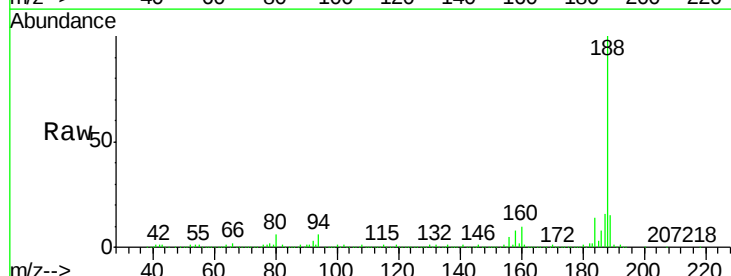


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

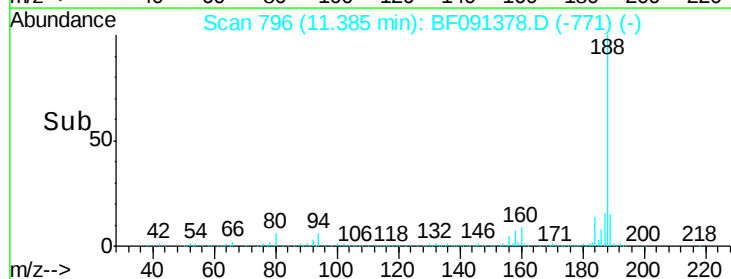
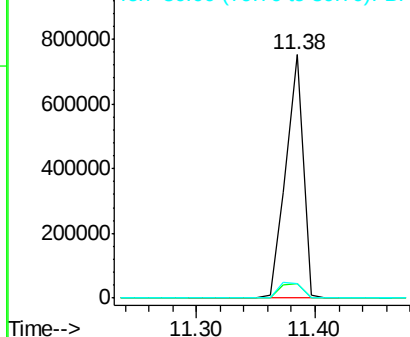


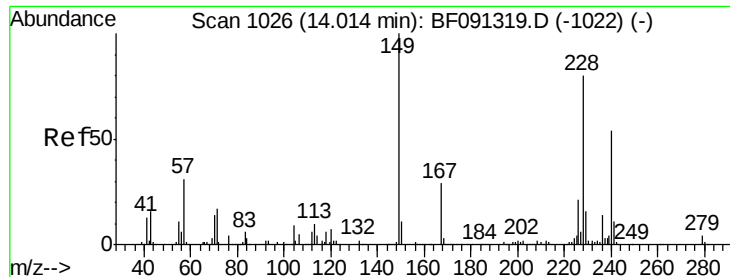
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091378.D
Acq: 1 Dec 2016 17:44

Tgt Ion:188 Resp: 756632
Ion Ratio Lower Upper
188 100
94 6.0 9.2 13.8#
80 6.2 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: BF091378.D

Acq: 1 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

MW-4A-112916

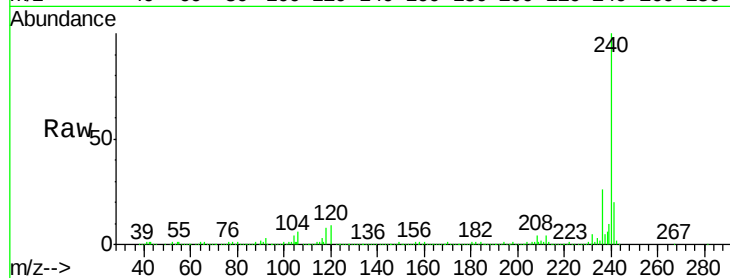
Tot Ion:240 Resp: 533003

Ion Ratio Lower Upper

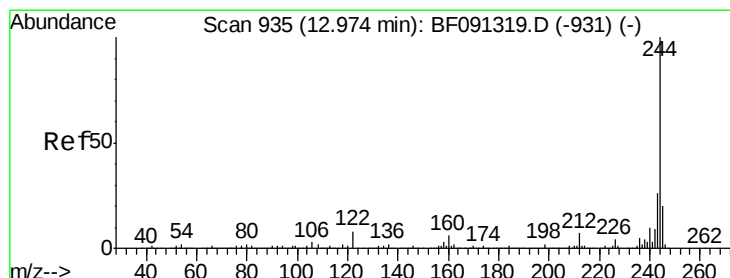
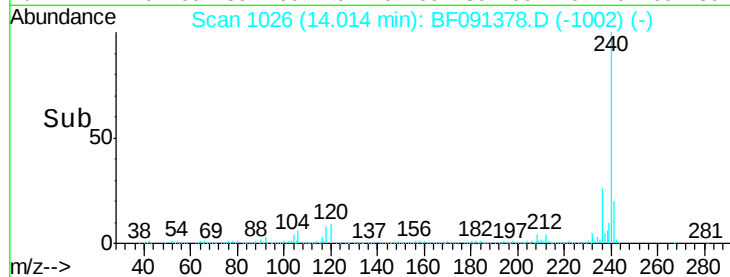
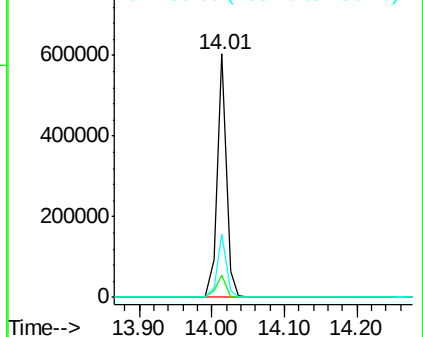
240 100

120 8.9 12.1 18.1#

236 26.2 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: 82.88 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091378.D

Acq: 1 Dec 2016 17:44

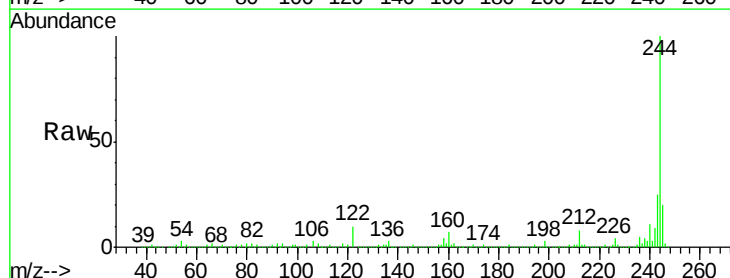
Tgt Ion:244 Resp: 2032381

Ion Ratio Lower Upper

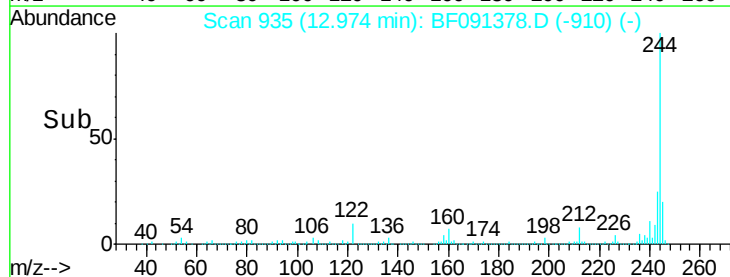
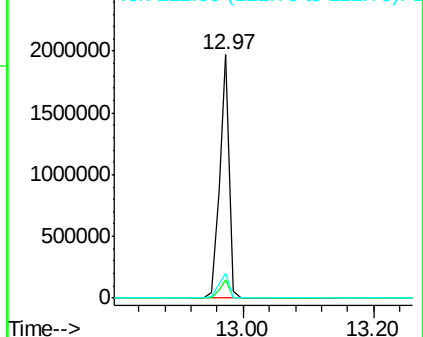
244 100

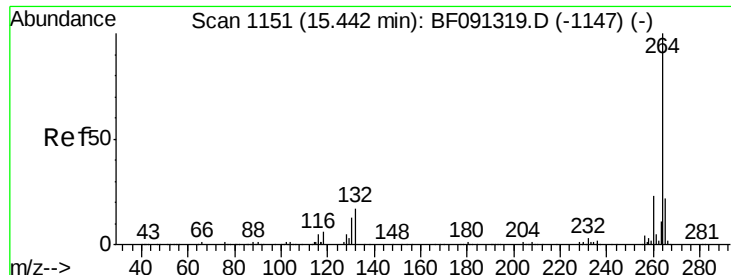
212 7.5 6.5 9.7

122 10.1 9.5 14.3



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: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091378.D
 Acq: 1 Dec 2016 17:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-4A-112916

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.9	17.0	25.6

