

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091077.D
 Acq On : 8 Nov 2016 11:55
 Operator : UM/SJ
 Sample : H5536-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW10-GW

Quant Time: Nov 08 13:40:20 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

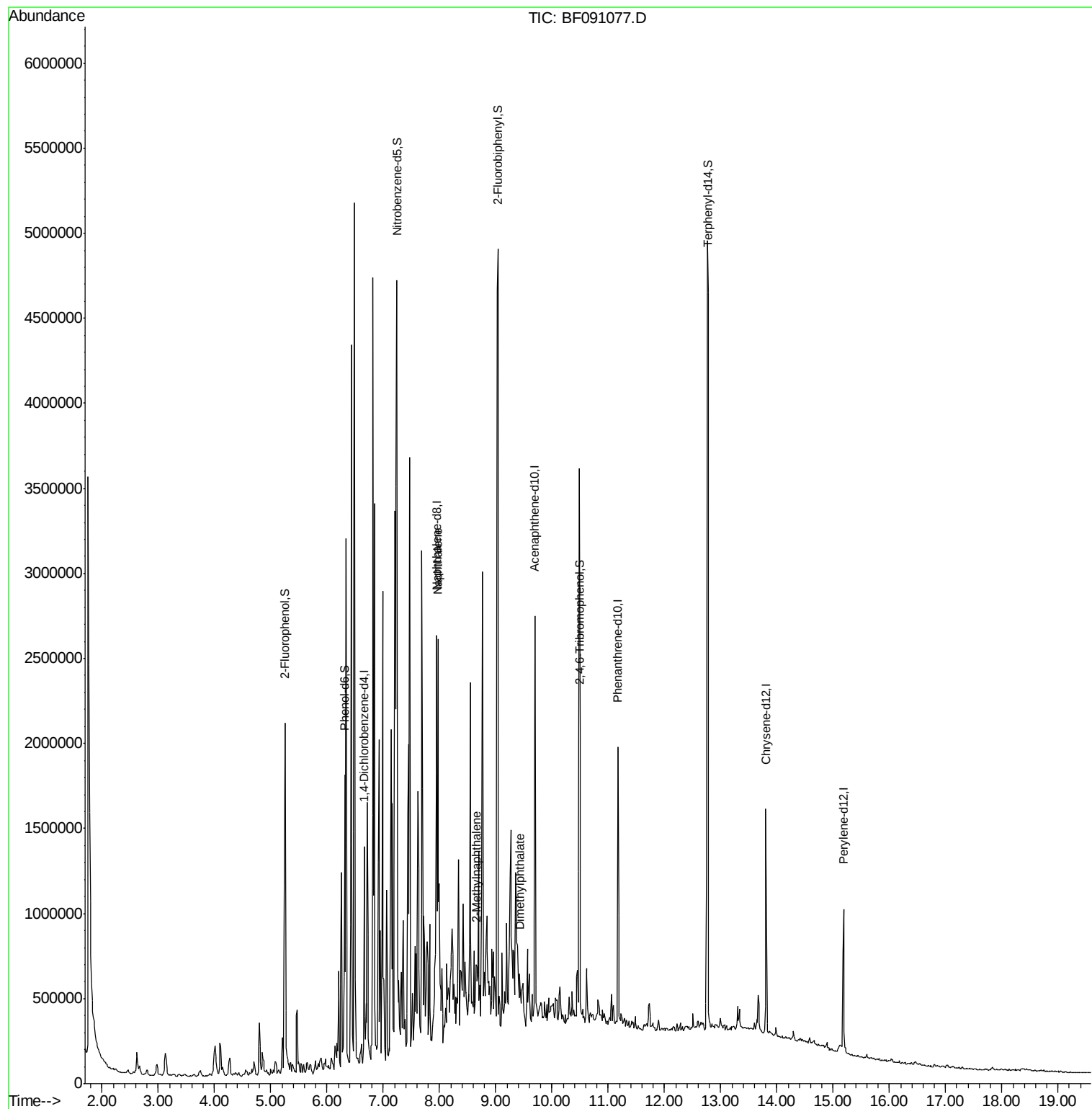
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	187833	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	771427	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	440458	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	629067	20.00	ng	0.00
75) Chrysene-d12	13.80	240	517327	20.00	ng	-0.01
86) Perylene-d12	15.19	264	394461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	768612	67.58	ng	0.01
7) Phenol-d6	6.32	99	729286	47.24	ng	0.00
23) Nitrobenzene-d5	7.24	82	1446608	102.30	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	605770	152.13	ng	0.01
44) 2-Fluorobiphenyl	9.04	172	2334265	91.24	ng	0.00
78) Terphenyl-d14	12.77	244	2421819	116.82	ng	0.01
Target Compounds						
31) Naphthalene	7.97	128	495253	13.42	ng	# 88
37) 2-Methylnaphthalene	8.66	142	88573	3.73	ng	96
49) Dimethylphthalate	9.42	163	71978	2.49	ng	# 87

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091077.D
Acq On : 8 Nov 2016 11:55
Operator : UM/SJ
Sample : H5536-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

Quant Time: Nov 08 13:40:20 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

Instrument :

BNA_F

ClientSampleId :

RMAB-MW10-GW

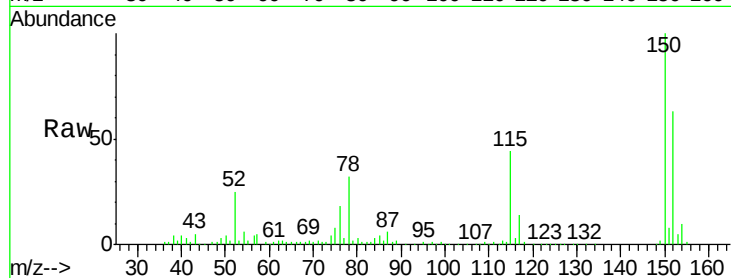
Tot Ion:152 Resp: 187833

Ion Ratio Lower Upper

152 100

150 159.0 126.8 190.2

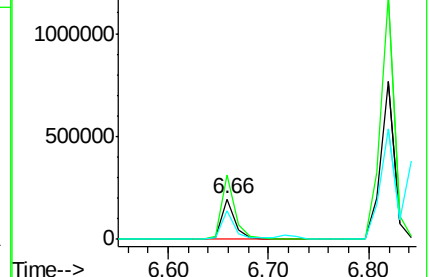
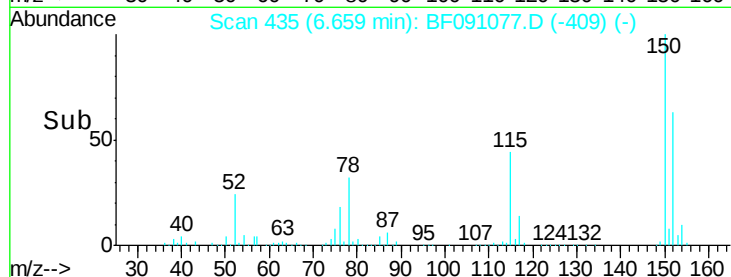
115 69.6 53.3 79.9



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: 67.58 ng

RT: 5.25 min Scan# 312

Delta R.T. 0.01 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

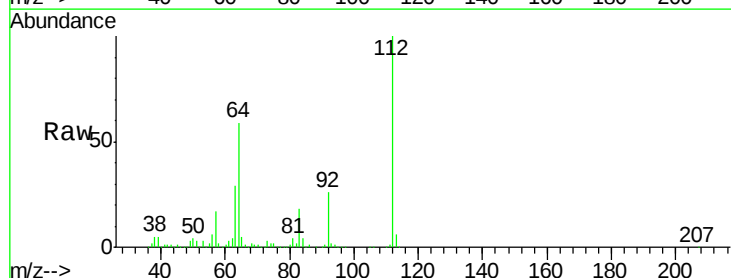
Tgt Ion:112 Resp: 768612

Ion Ratio Lower Upper

112 100

64 58.5 55.8 83.6

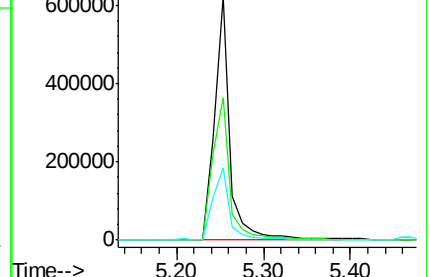
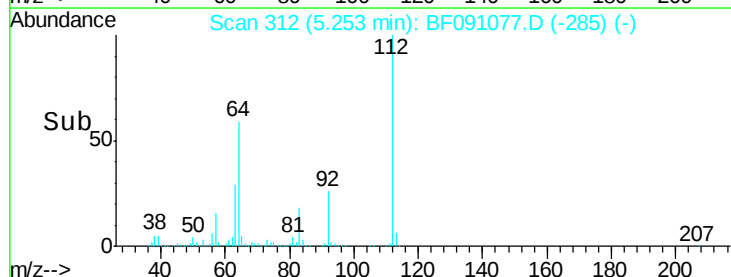
63 29.5 28.0 42.0



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: 47.24 ng

RT: 6.32 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

Instrument :

BNA_F

ClientSampleId :

RMAB-MW10-GW

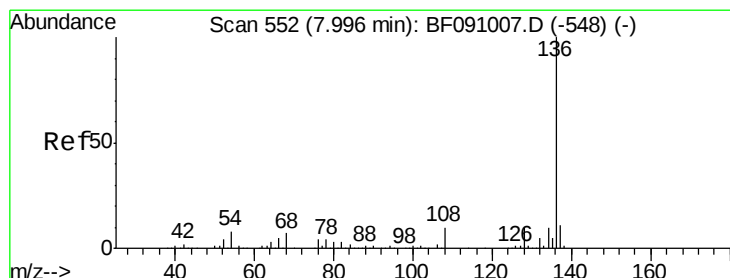
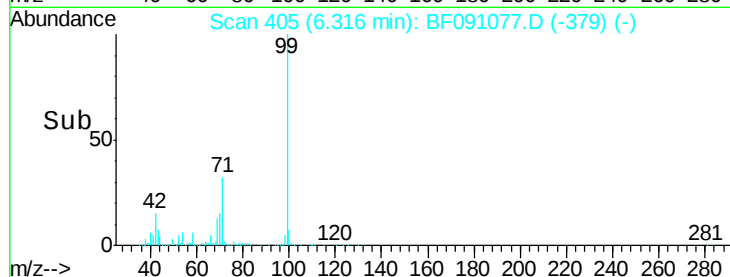
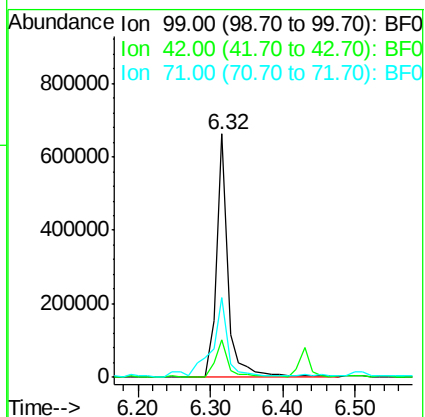
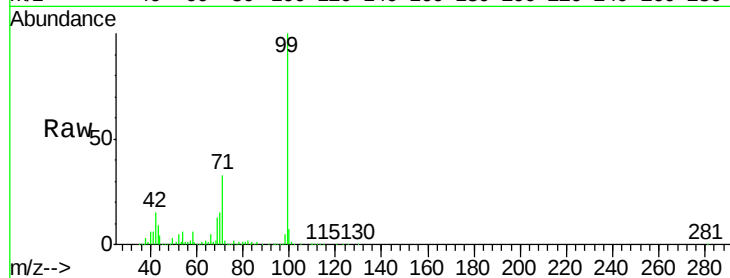
Tot Ion: 99 Resp: 729286

Ion Ratio Lower Upper

99 100

42 15.2 13.9 20.9

71 32.7 27.8 41.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

Tgt Ion: 136 Resp: 771427

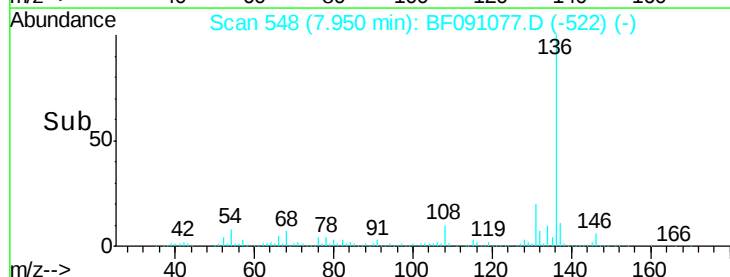
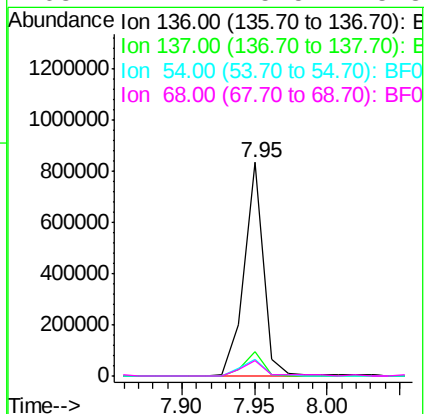
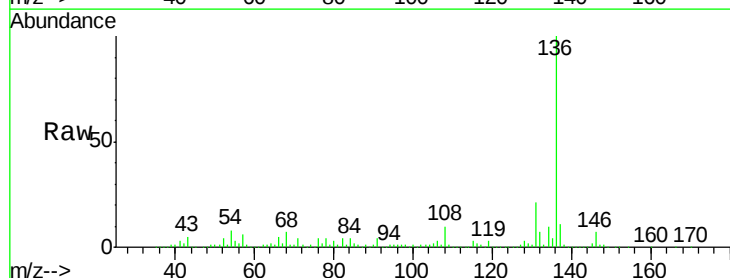
Ion Ratio Lower Upper

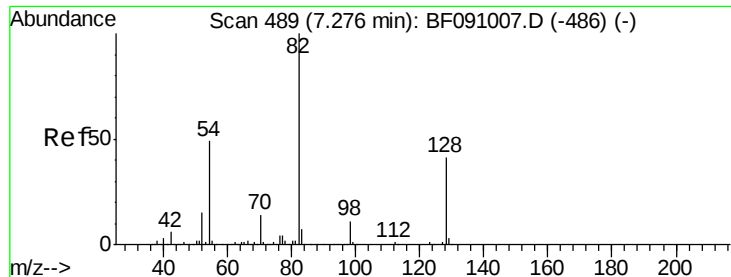
136 100

137 11.3 8.9 13.3

54 7.9 6.2 9.2

68 7.1 5.5 8.3

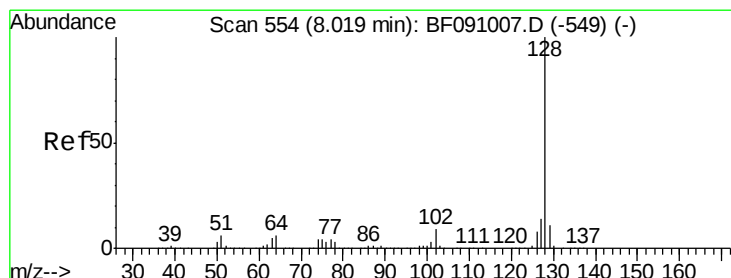
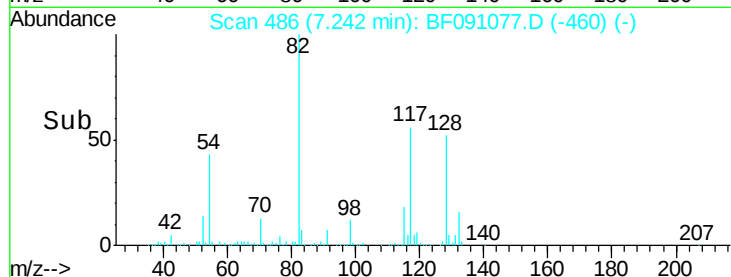
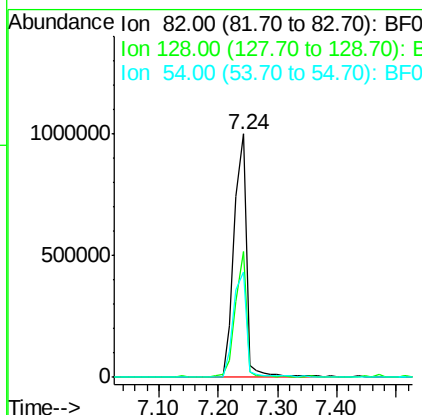
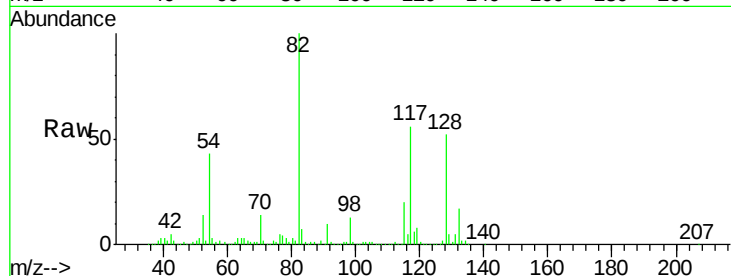




#23
Nitrobenzene-d5
Concen: 102.30 ng
RT: 7.24 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF091077.D
Acq: 8 Nov 2016 11:55

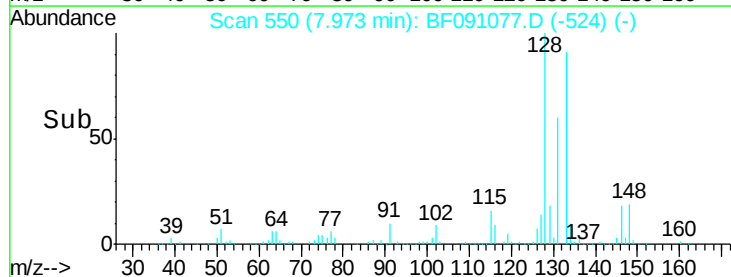
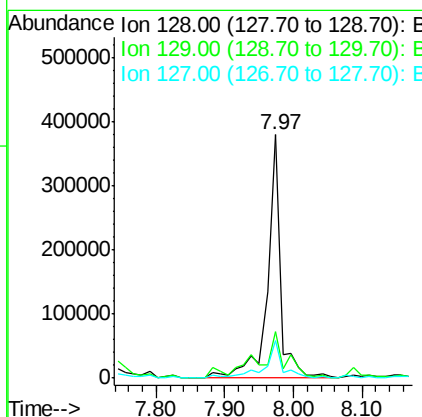
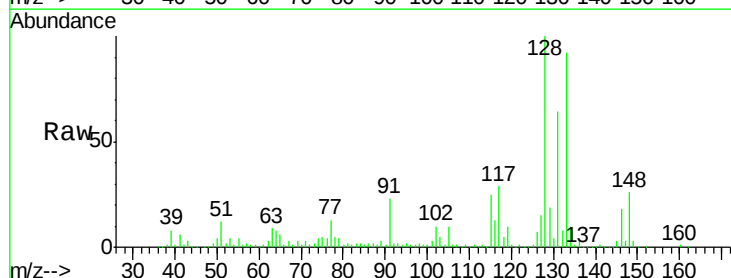
Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

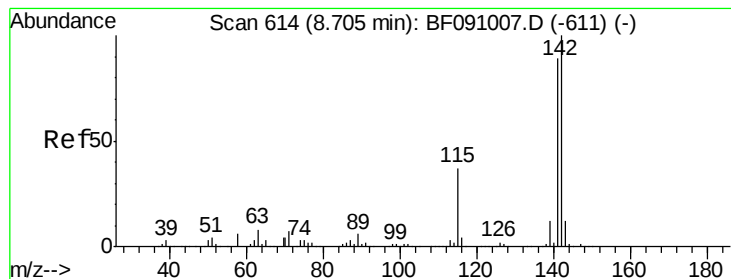
Tot Ion: 82 Resp: 1446608
Ion Ratio Lower Upper
82 100
128 51.6 32.4 48.6#
54 43.2 39.2 58.8



#31
Naphthalene
Concen: 13.42 ng
RT: 7.97 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF091077.D
Acq: 8 Nov 2016 11:55

Tgt Ion: 128 Resp: 495253
Ion Ratio Lower Upper
128 100
129 19.3 9.0 13.6#
127 15.2 10.9 16.3





#37

2-Methylnaphthalene

Concen: 3.73 ng

RT: 8.66 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

Instrument :

BNA_F

ClientSampleId :

RMAB-MW10-GW

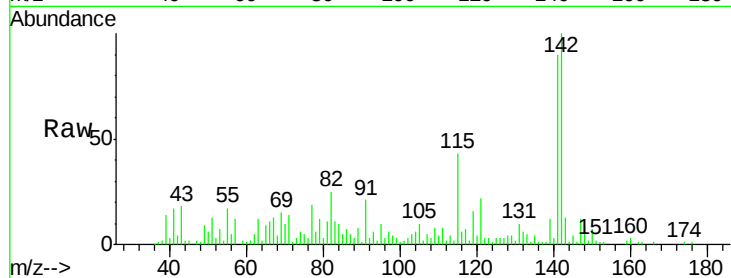
Tot Ion:142 Resp: 88573

Ion Ratio Lower Upper

142 100

141 90.5 71.3 106.9

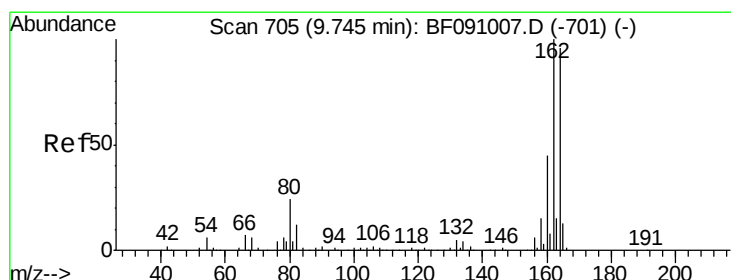
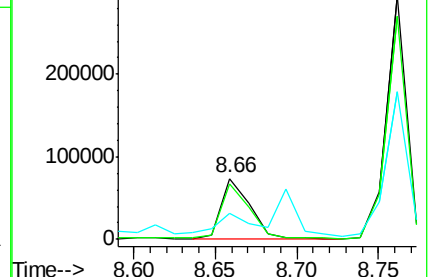
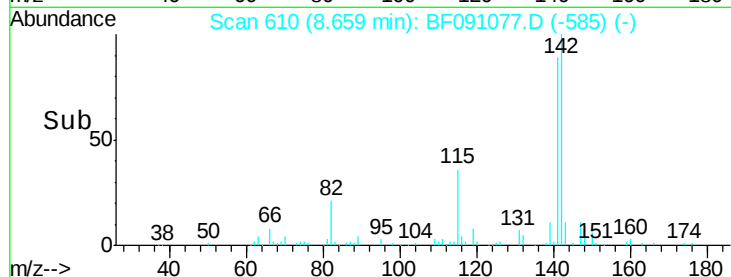
115 43.4 29.9 44.9



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: 9.70 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

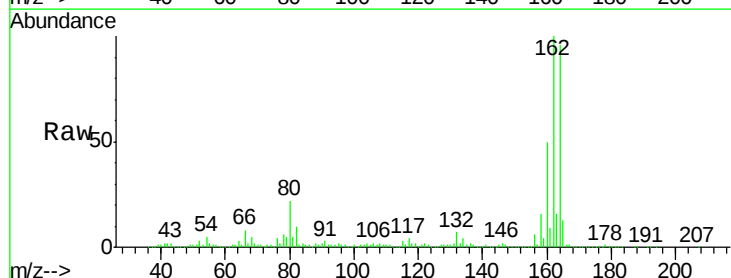
Tgt Ion:164 Resp: 440458

Ion Ratio Lower Upper

164 100

162 104.3 83.6 125.4

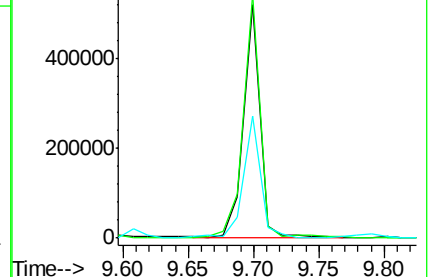
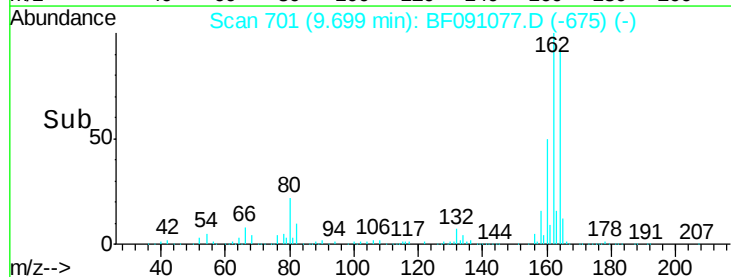
160 52.1 37.9 56.9

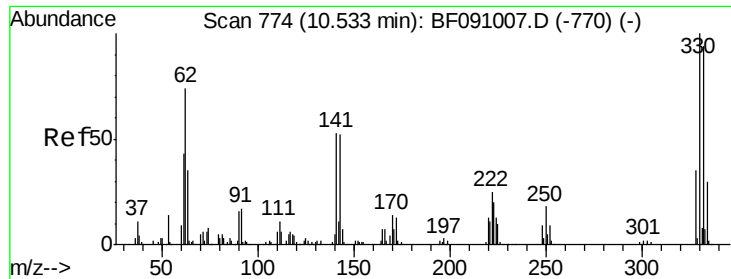


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

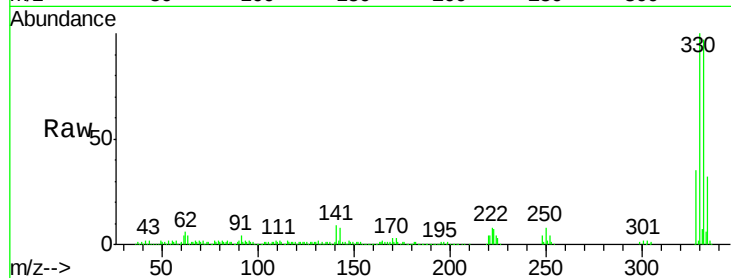




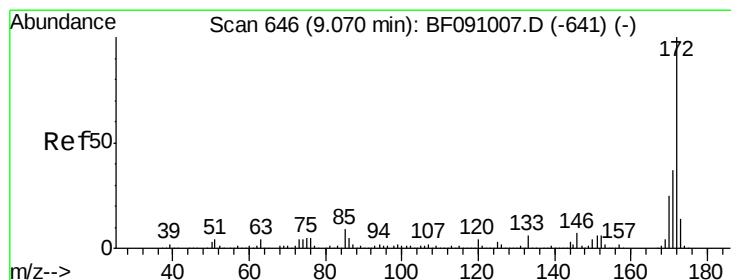
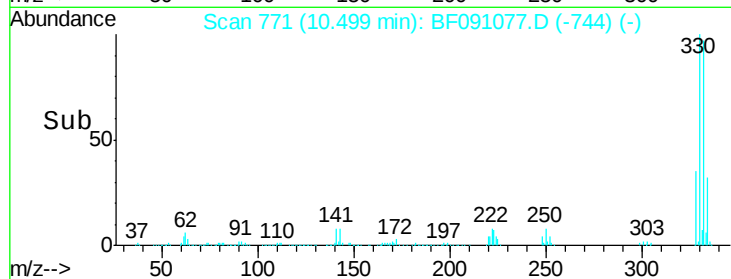
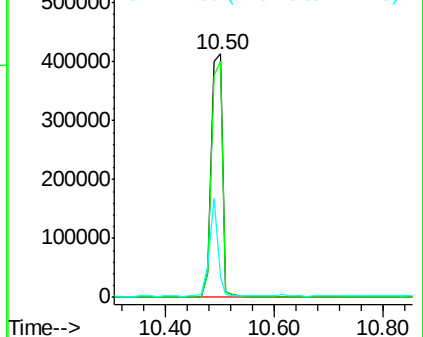
#41
 2,4,6-Tribromophenol
 Concen: 152.13 ng
 RT: 10.50 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF091077.D
 Acq: 8 Nov 2016 11:55

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-MW10-GW

Tot Ion:330 Resp: 605770
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.9 113.9
 141 30.2 36.1 54.1#

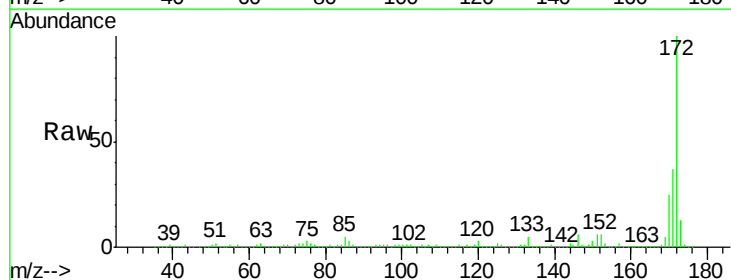


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

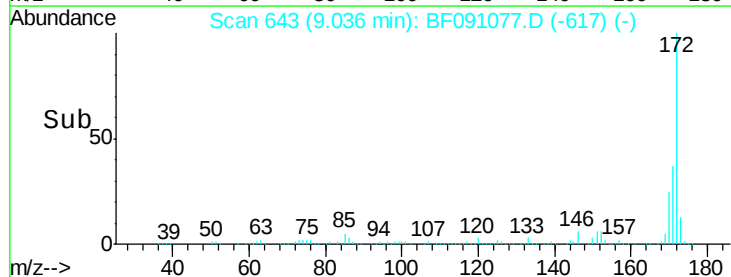
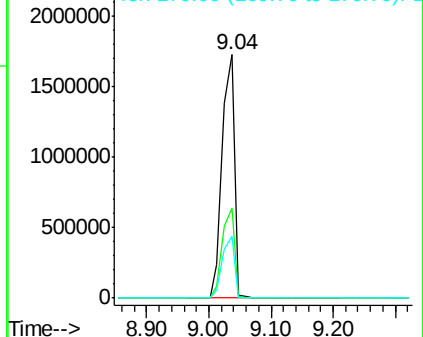


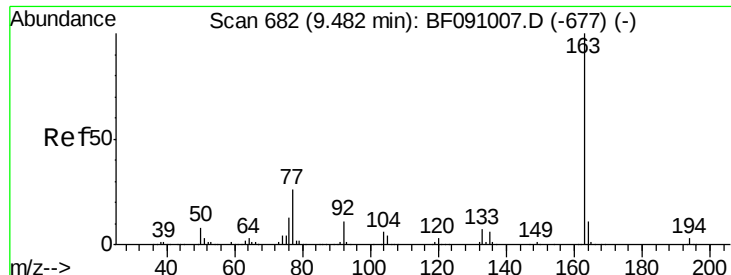
#44
 2-Fluorobiphenyl
 Concen: 91.24 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091077.D
 Acq: 8 Nov 2016 11:55

Tgt Ion:172 Resp: 2334265
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.3 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

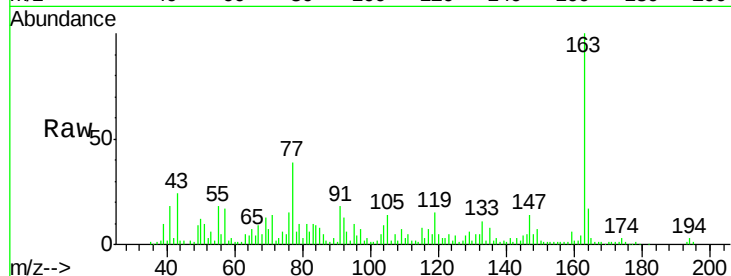




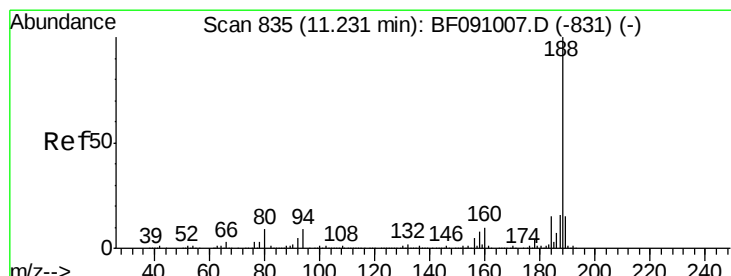
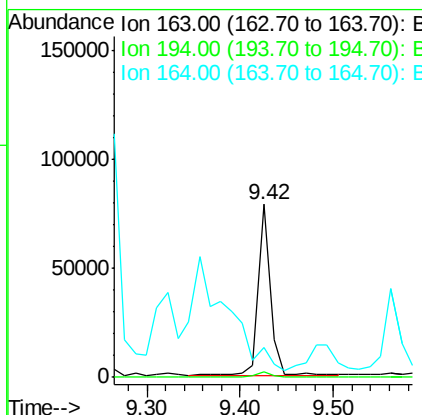
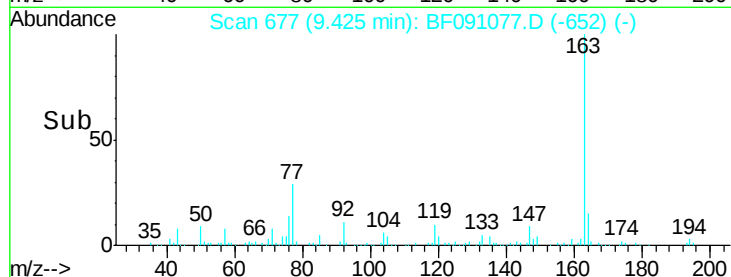
#49
Dimethylphthalate
Concen: 2.49 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091077.D
Acq: 8 Nov 2016 11:55

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

Tot Ion:163 Resp: 71978
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 17.2 8.7 13.1#

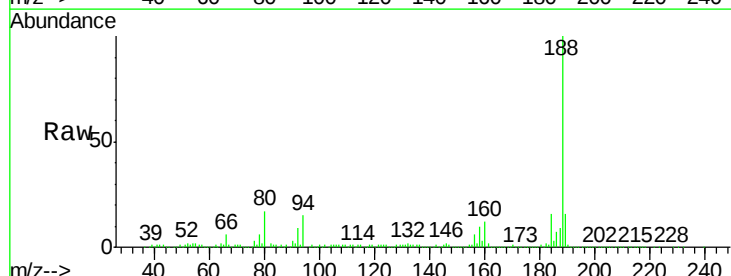


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

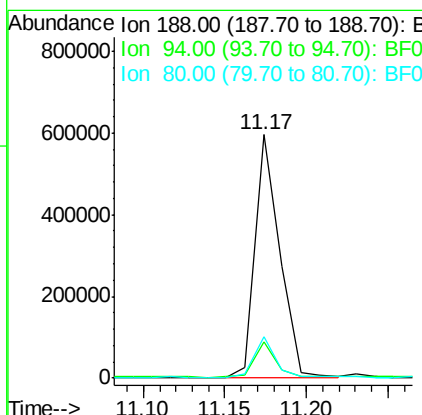
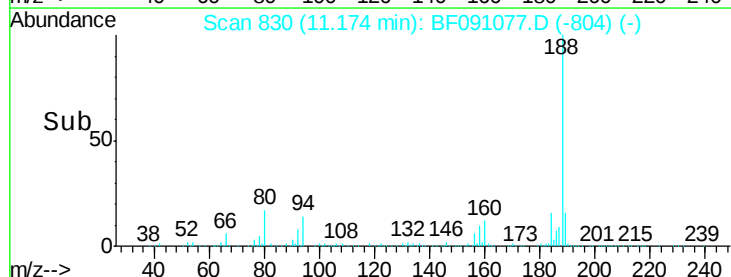


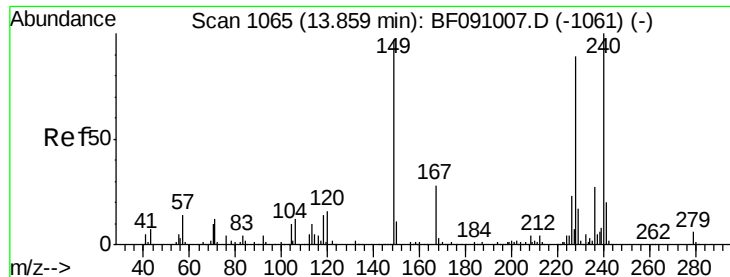
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091077.D
Acq: 8 Nov 2016 11:55

Tgt Ion:188 Resp: 629067
Ion Ratio Lower Upper
188 100
94 15.0 7.0 10.4#
80 17.2 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: 13.80 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

Instrument :

BNA_F

ClientSampleId :

RMAB-MW10-GW

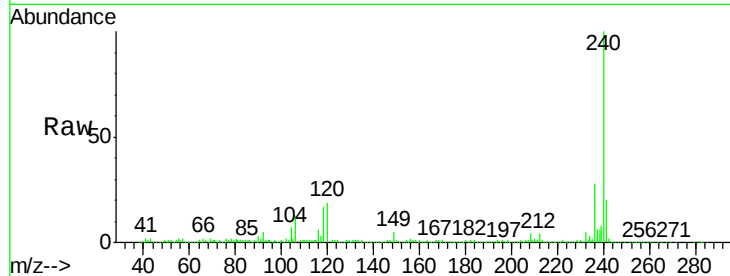
Tot Ion:240 Resp: 517327

Ion Ratio Lower Upper

240 100

120 18.6 12.9 19.3

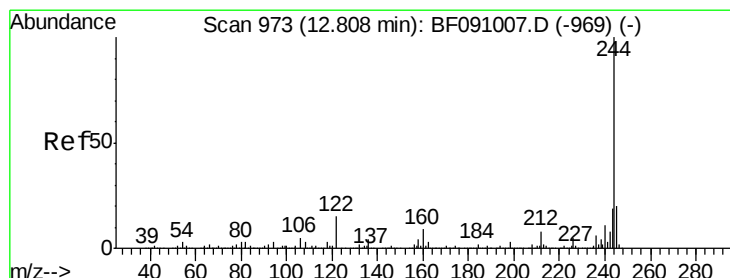
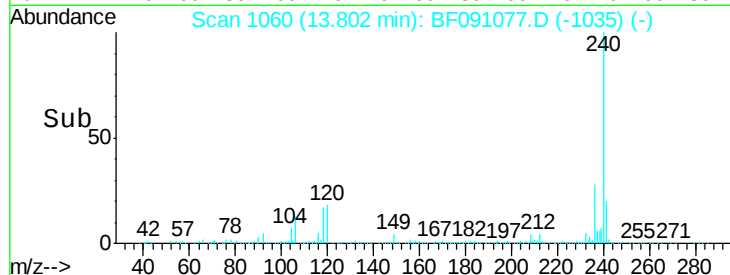
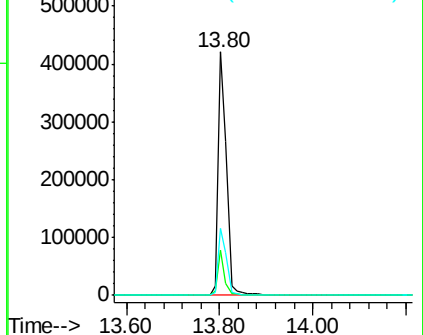
236 27.6 21.9 32.9



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: 116.82 ng

RT: 12.77 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF091077.D

Acq: 8 Nov 2016 11:55

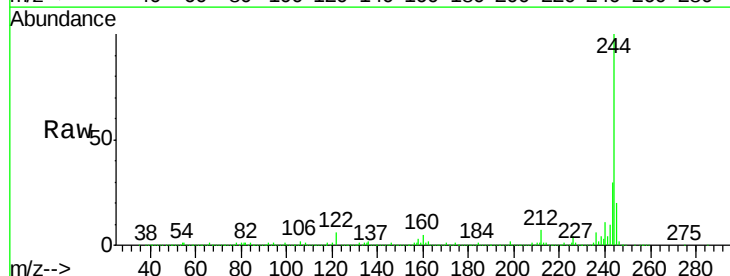
Tgt Ion:244 Resp: 2421819

Ion Ratio Lower Upper

244 100

212 6.6 6.4 9.6

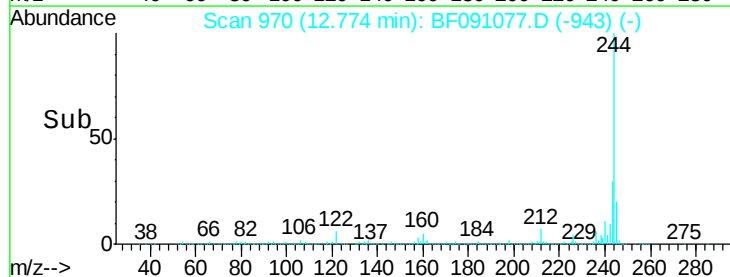
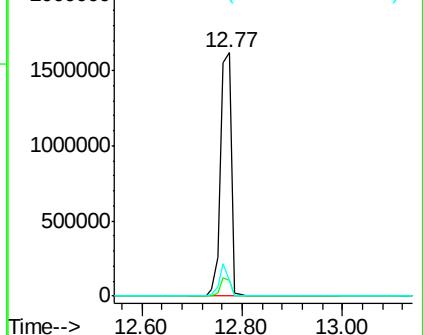
122 6.4 12.3 18.5#

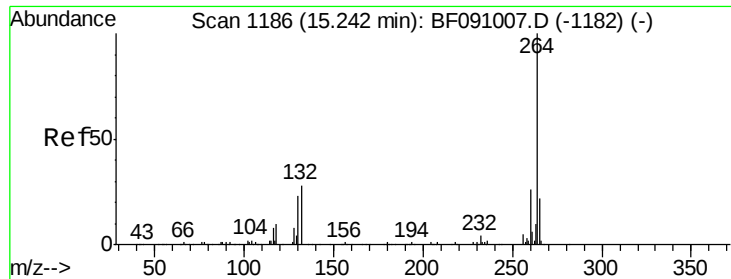


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091077.D
Acq: 8 Nov 2016 11:55

Instrument :
BNA_F
ClientSampleId :
RMAB-MW10-GW

Tot Ion: 264 Resp: 394461

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.6	30.8
265	21.8	17.8	26.8

