

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091171.D
 Acq On : 15 Nov 2016 11:13
 Operator : UM/SJ
 Sample : H5643-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-111016

Quant Time: Nov 16 00:43:57 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

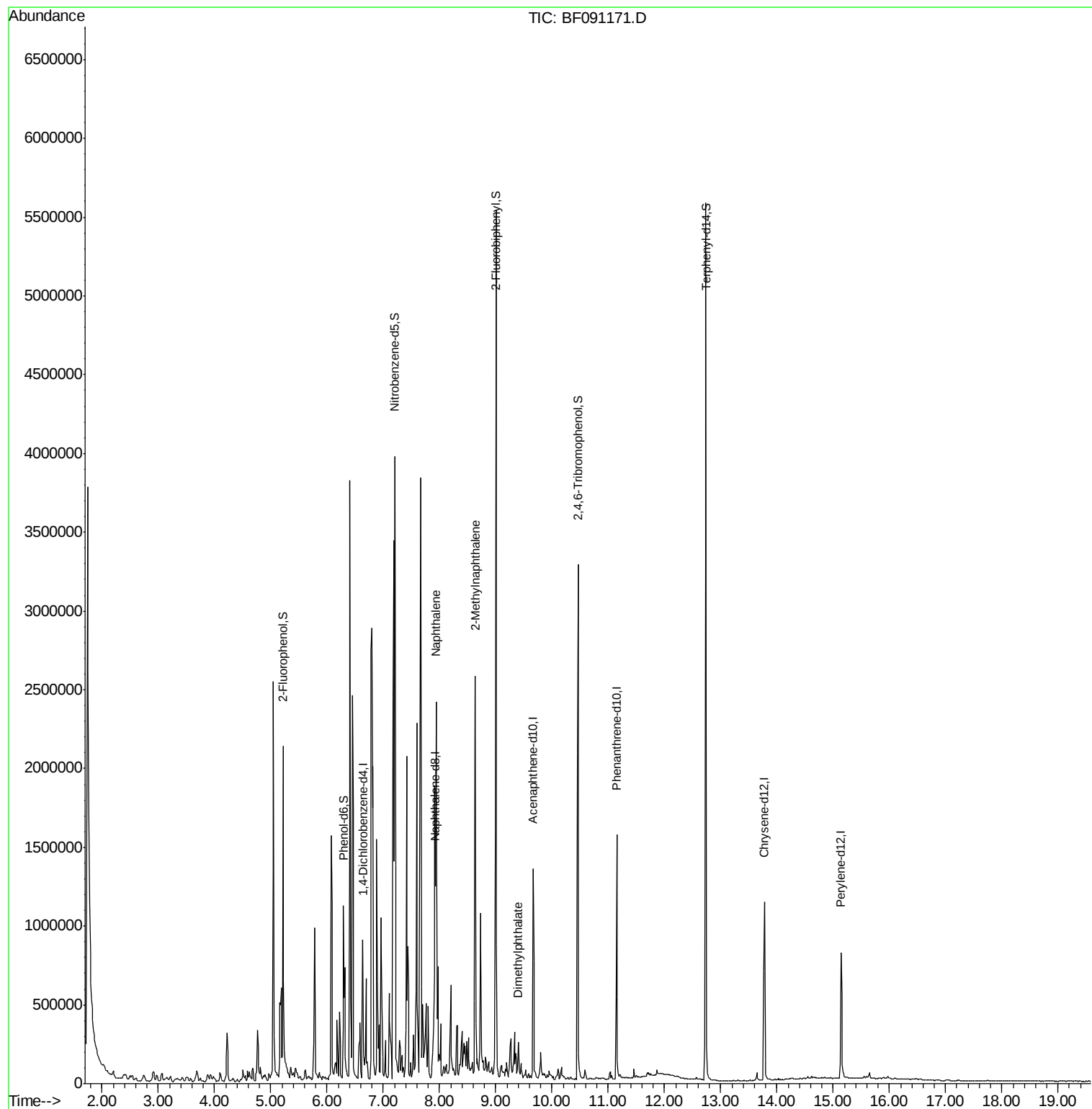
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	156624	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	631051	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	342606	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	611201	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	522725	20.00	ng	-0.03
86) Perylene-d12	15.14	264	400661	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	694071	73.19	ng	-0.02
7) Phenol-d6	6.29	99	546926	42.49	ng	-0.02
23) Nitrobenzene-d5	7.21	82	975832	84.35	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	589603	190.36	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1907680	95.86	ng	-0.03
78) Terphenyl-d14	12.74	244	2148838	102.58	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.94	128	1283148	42.52	ng	99
37) 2-Methylnaphthalene	8.64	142	708225	36.50	ng	98
49) Dimethylphthalate	9.40	163	90290	4.02	ng	98

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
Data File : BF091171.D
Acq On : 15 Nov 2016 11:13
Operator : UM/SJ
Sample : H5643-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Quant Time: Nov 16 00:43:57 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: 6.64 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

Instrument :

BNA_F

ClientSampleId :

MW-2-111016

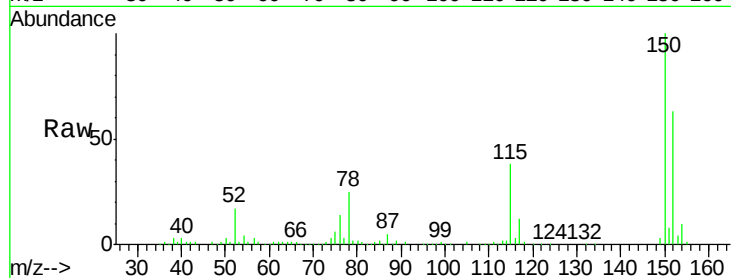
Tot Ion:152 Resp: 156624

Ion Ratio Lower Upper

152 100

150 158.3 126.8 190.2

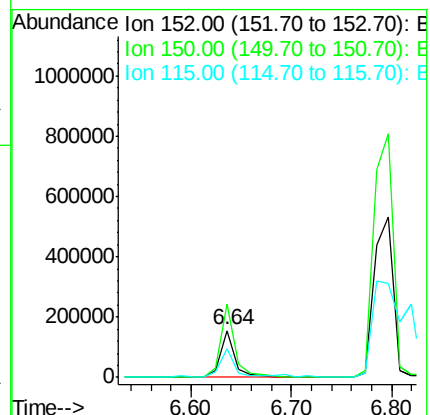
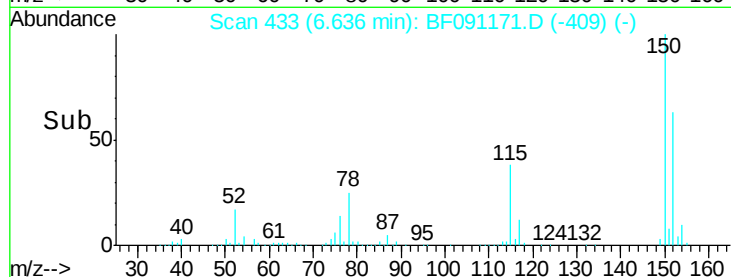
115 60.2 53.3 79.9



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: 73.19 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

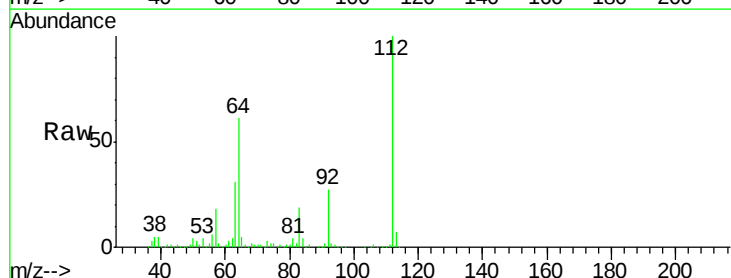
Tgt Ion:112 Resp: 694071

Ion Ratio Lower Upper

112 100

64 61.4 55.8 83.6

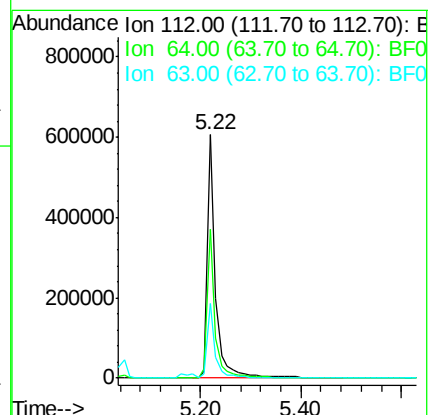
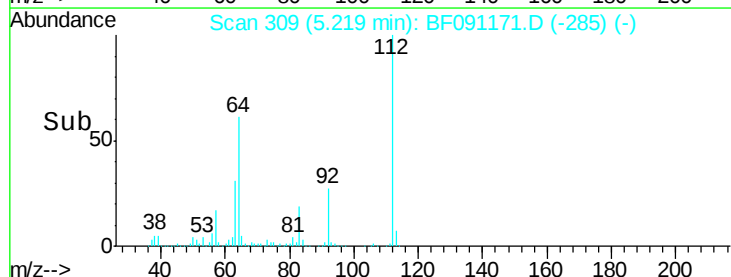
63 30.9 28.0 42.0



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: 42.49 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

Instrument :

BNA_F

ClientSampleId :

MW-2-111016

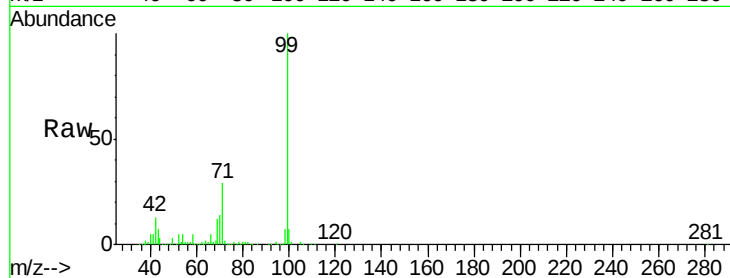
Tot Ion: 99 Resp: 546926

Ion Ratio Lower Upper

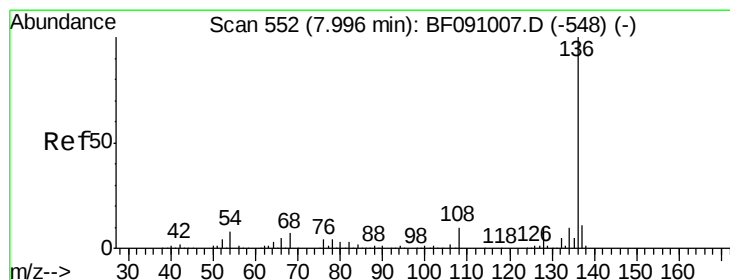
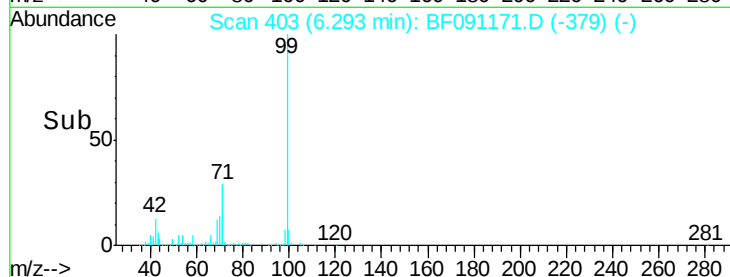
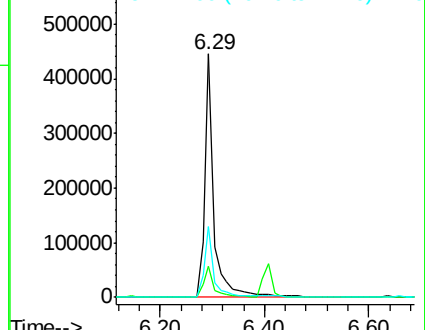
99 100

42 12.6 13.9 20.9#

71 29.1 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: BF091171.D

Acq: 15 Nov 2016 11:13

Tgt Ion: 136 Resp: 631051

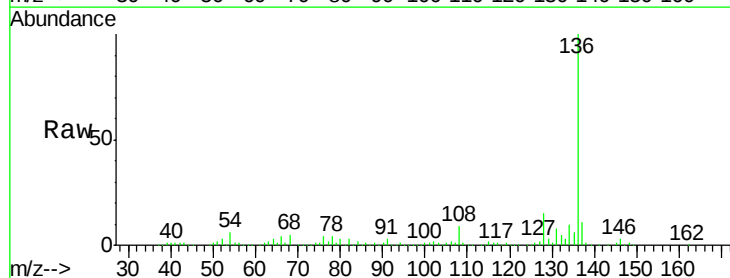
Ion Ratio Lower Upper

136 100

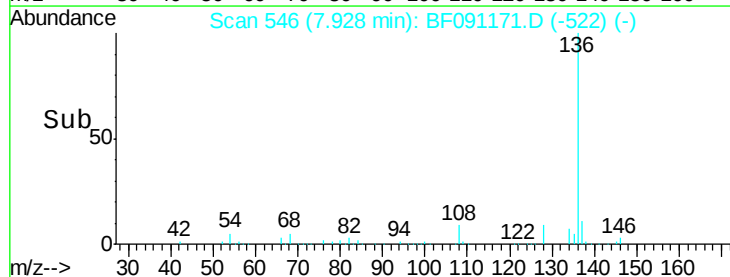
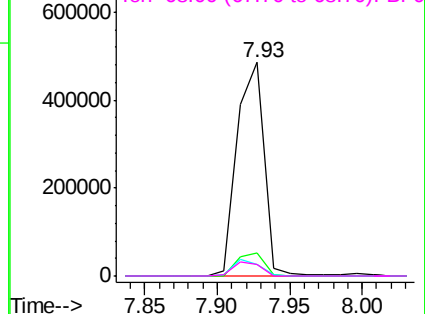
137 10.5 8.9 13.3

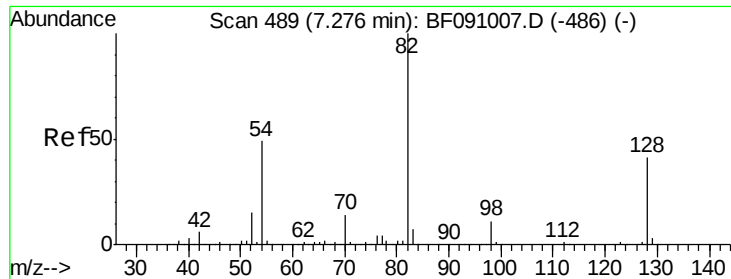
54 5.5 6.2 9.2#

68 5.1 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

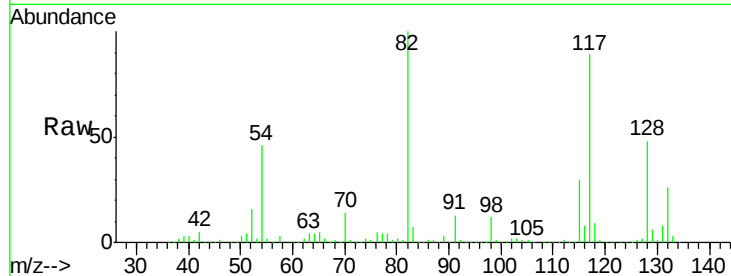




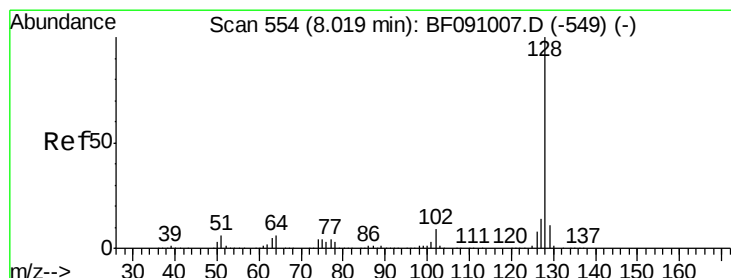
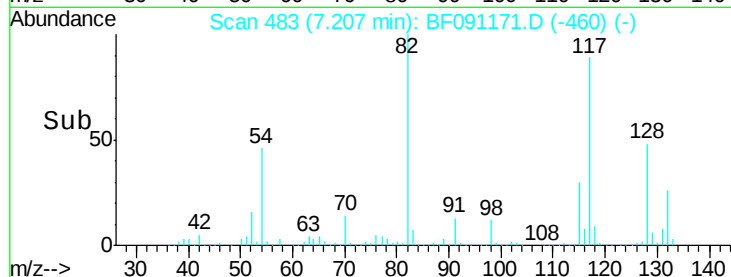
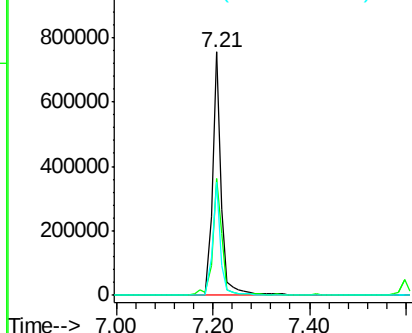
#23
Nitrobenzene-d5
Concen: 84.35 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tot Ion: 82 Resp: 975832
Ion Ratio Lower Upper
82 100
128 47.9 32.4 48.6
54 46.4 39.2 58.8

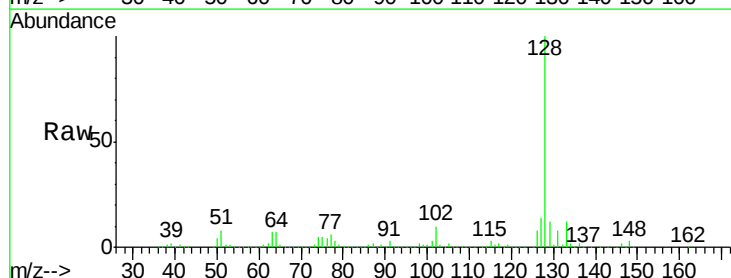


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

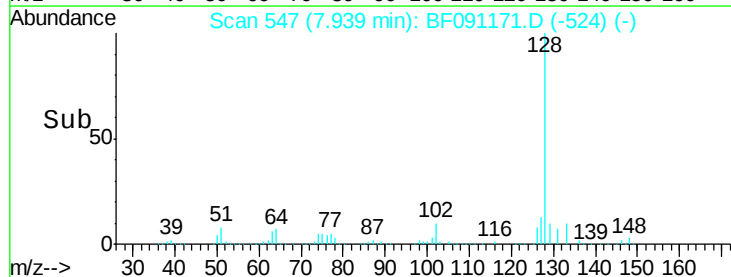
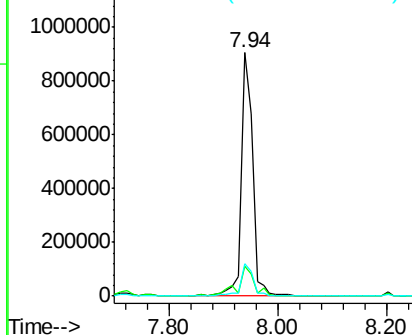


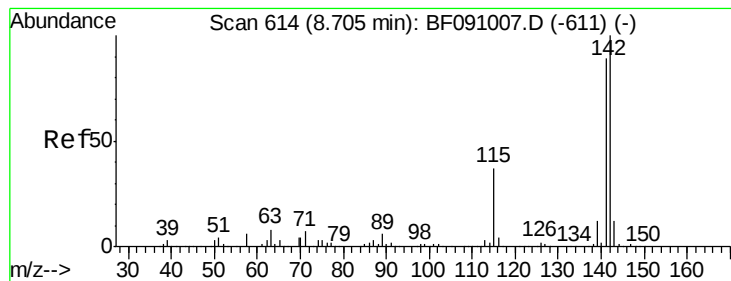
#31
Naphthalene
Concen: 42.52 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion: 128 Resp: 1283148
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 13.6 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





#37

2-Methylnaphthalene

Concen: 36.50 ng

RT: 8.64 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

Instrument :

BNA_F

ClientSampleId :

MW-2-111016

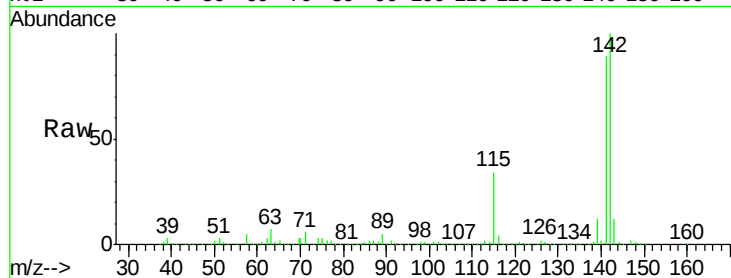
Tot Ion:142 Resp: 708225

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9

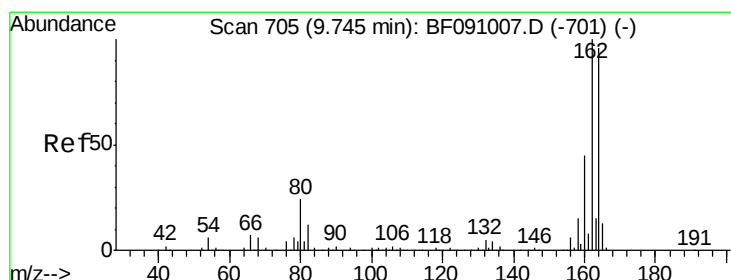
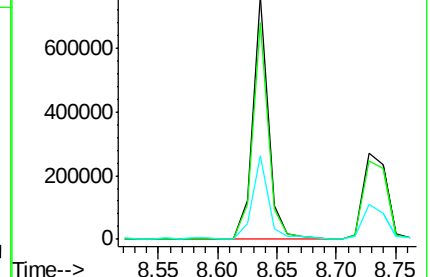
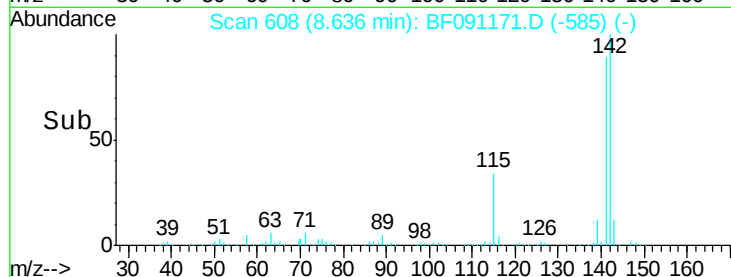
115 34.4 29.9 44.9



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: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

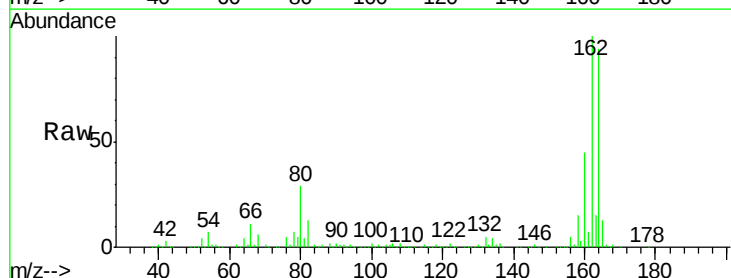
Tgt Ion:164 Resp: 342606

Ion Ratio Lower Upper

164 100

162 106.3 83.6 125.4

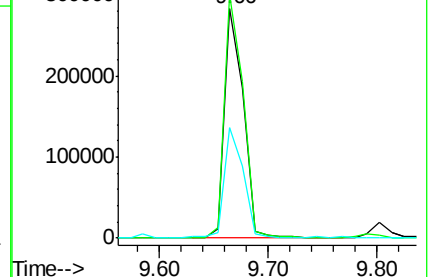
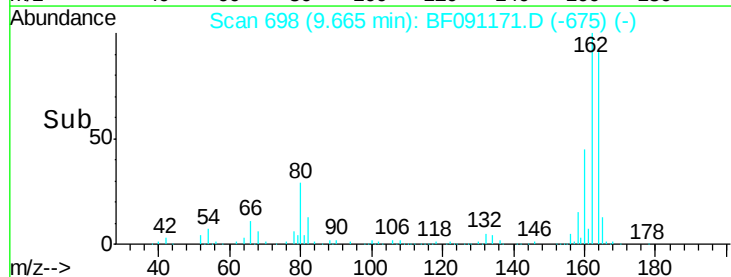
160 48.0 37.9 56.9

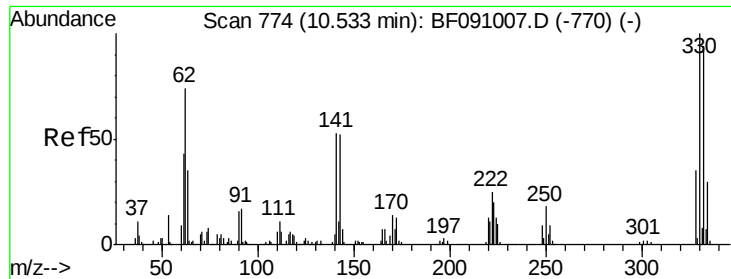


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

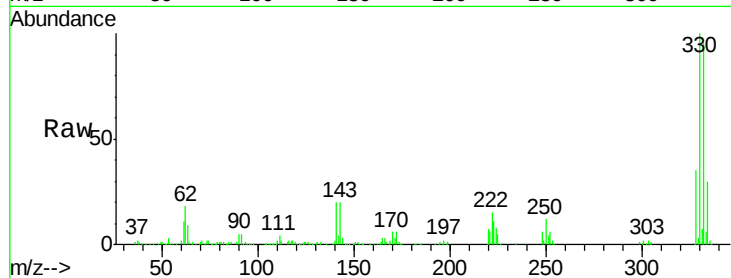




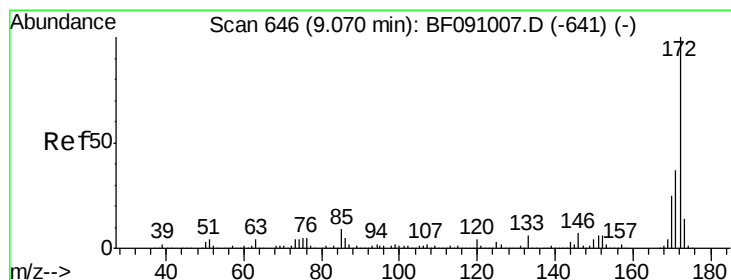
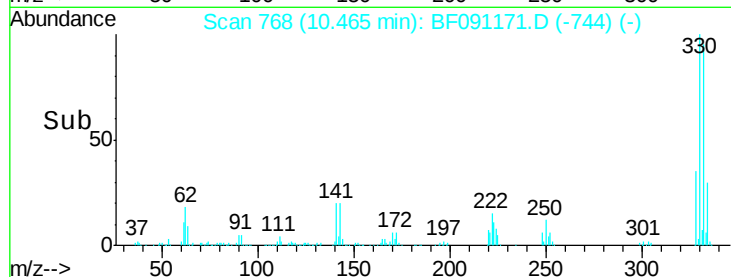
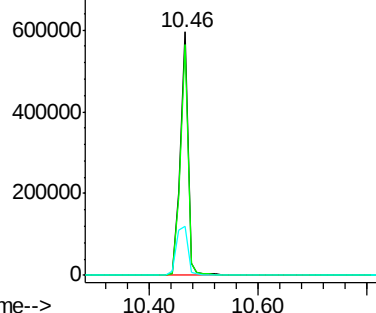
#41
 2,4,6-Tribromophenol
 Concen: 190.36 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091171.D
 Acq: 15 Nov 2016 11:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-111016

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	29.9	36.1	54.1#

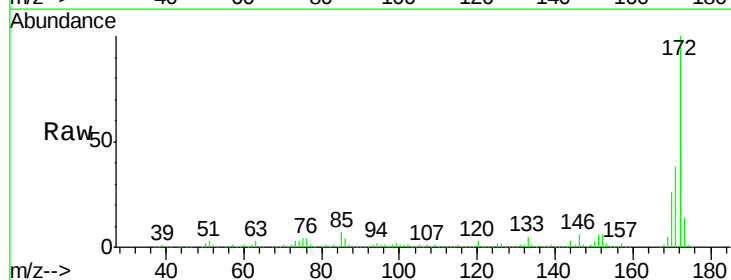


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

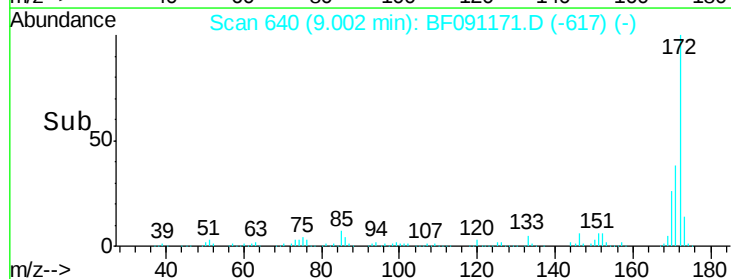
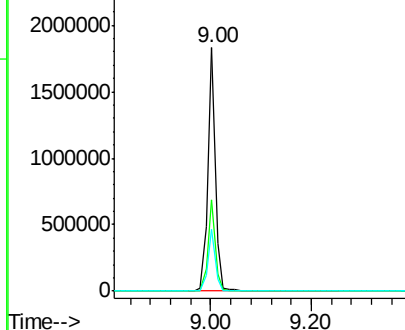


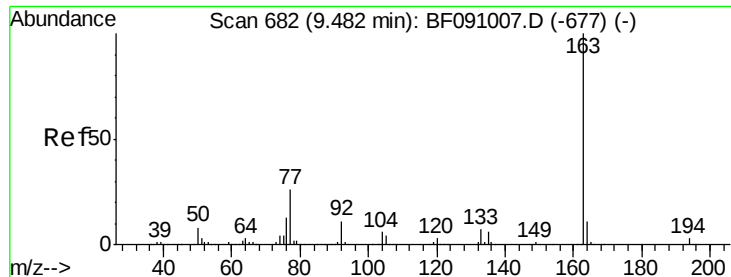
#44
 2-Fluorobiphenyl
 Concen: 95.86 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091171.D
 Acq: 15 Nov 2016 11:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.6	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: 4.02 ng

RT: 9.40 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

Instrument :

BNA_F

ClientSampleId :

MW-2-111016

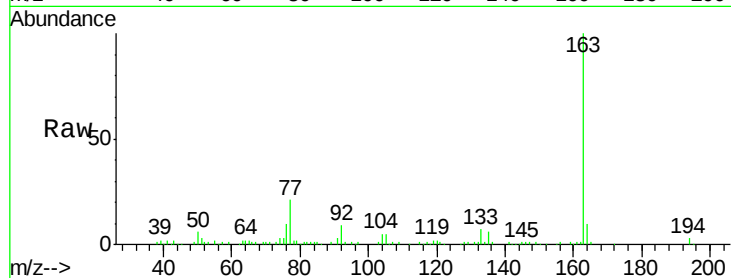
Tot Ion:163 Resp: 90290

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

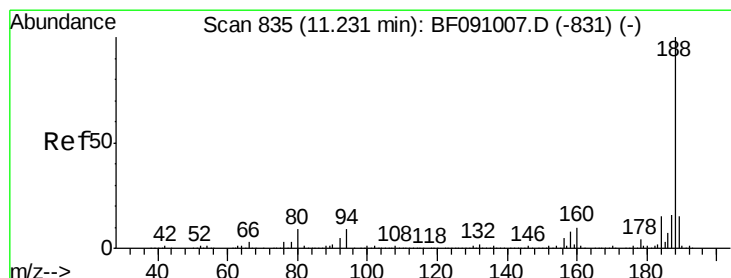
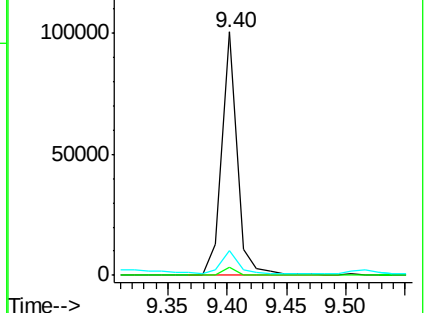
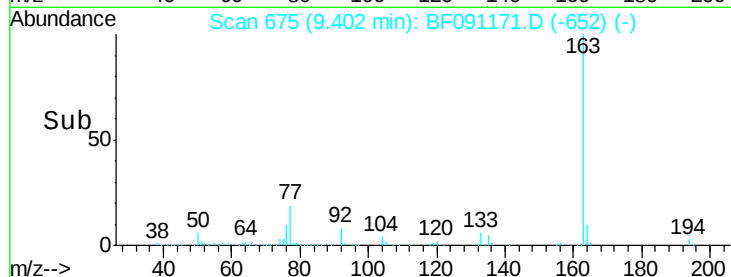
164 10.1 8.7 13.1



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: 11.15 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

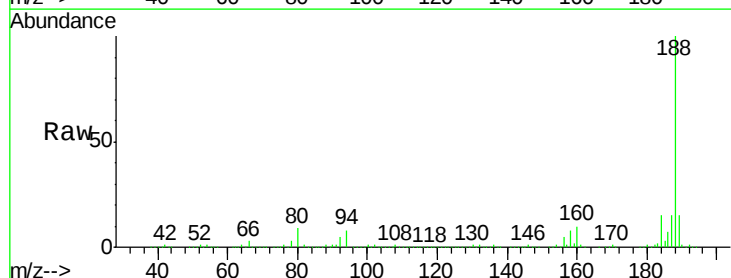
Tgt Ion:188 Resp: 611201

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

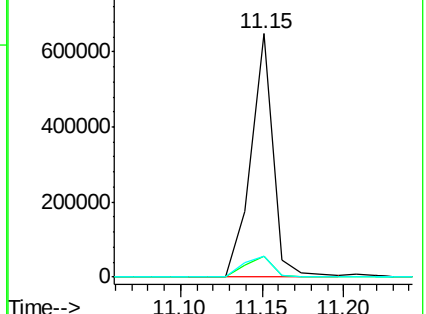
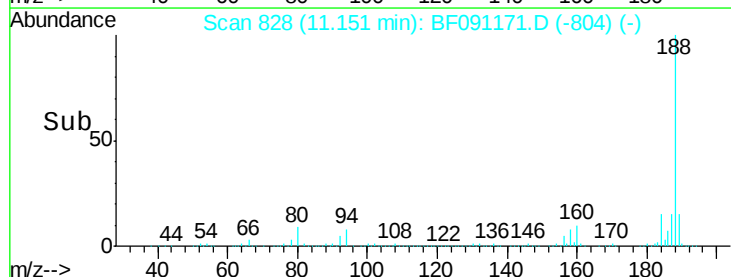
80 8.7 7.5 11.3

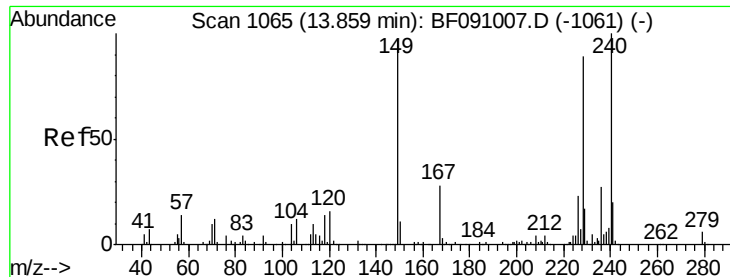


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF091171.D

Acq: 15 Nov 2016 11:13

Instrument :

BNA_F

ClientSampleId :

MW-2-111016

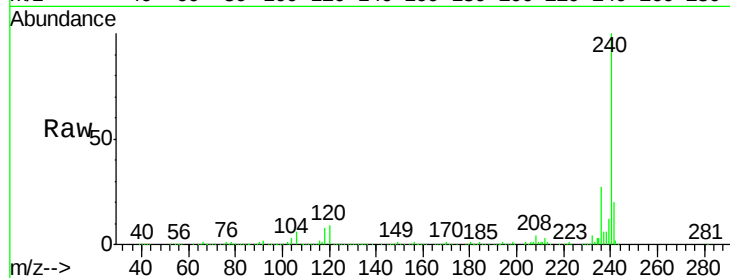
Tot Ion:240 Resp: 522725

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

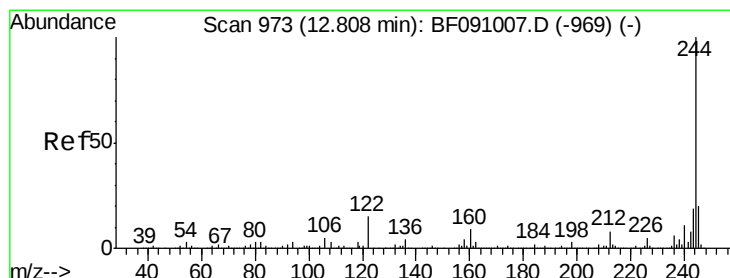
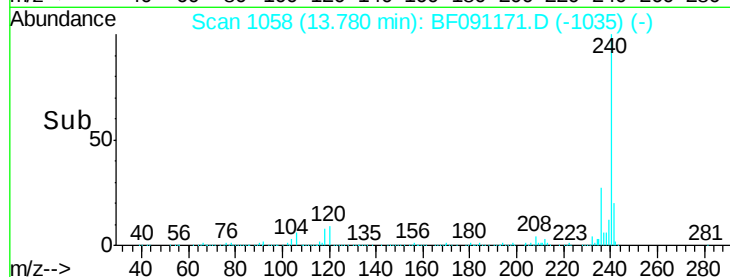
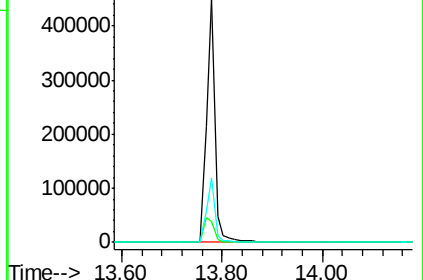
236 26.5 21.9 32.9



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: 102.58 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091171.D

Acq: 15 Nov 2016 11:13

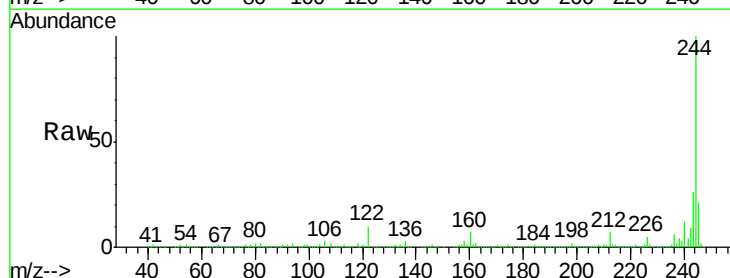
Tgt Ion:244 Resp: 2148838

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

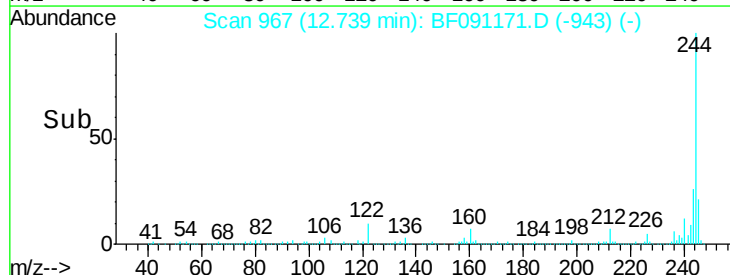
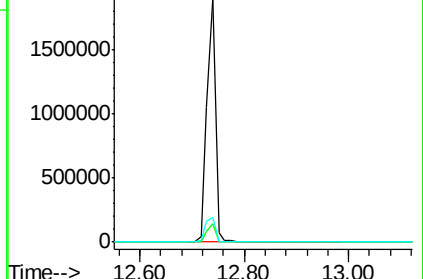
122 10.3 12.3 18.5#

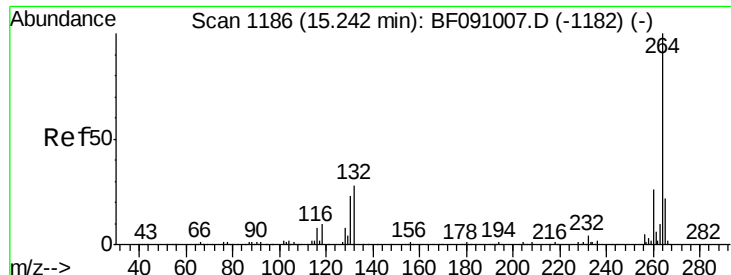


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

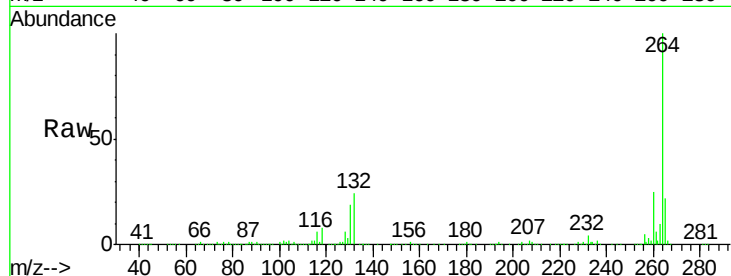




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.9	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

