

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092034.D
 Acq On : 29 Dec 2016 19:57
 Operator : UM/SJ
 Sample : H6301-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Dec 30 00:17:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

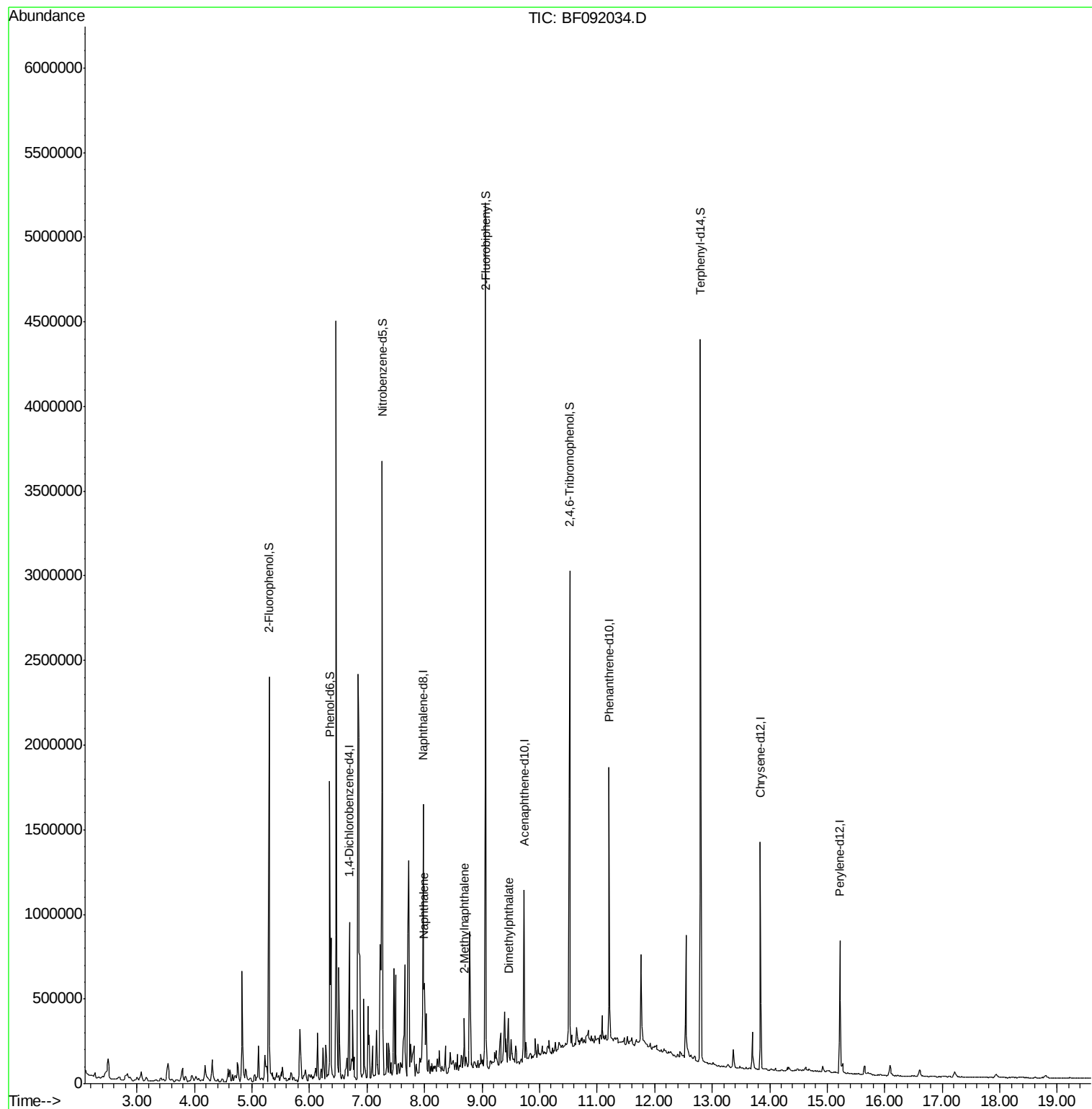
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155859	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	599591	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	331129	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	554138	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	467903	20.00	ng	-0.03
86) Perylene-d12	15.22	264	369224	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	800284	85.73	ng	-0.02
7) Phenol-d6	6.35	99	574372	50.40	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1015064	94.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	371924	135.72	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1605033	101.88	ng	-0.02
78) Terphenyl-d14	12.80	244	1589917	82.41	ng	-0.02
Target Compounds						
31) Naphthalene	8.00	128	145159	5.29	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.69	142	86828	3.60	ng	97
49) Dimethylphthalate	9.46	163	129153	6.10	ng	100

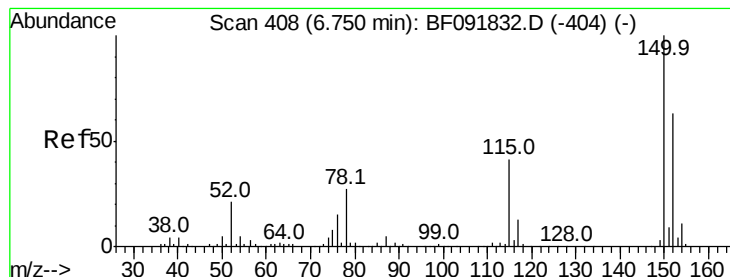
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

Instrument :

BNA_F

ClientSampleId :

MW-11

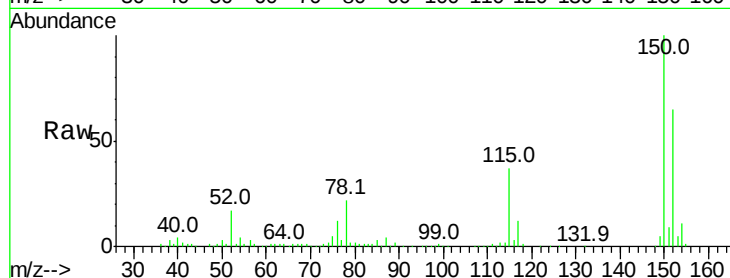
Tot Ion:152 Resp: 155859

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

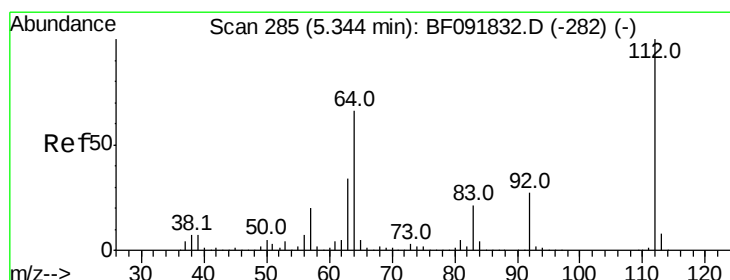
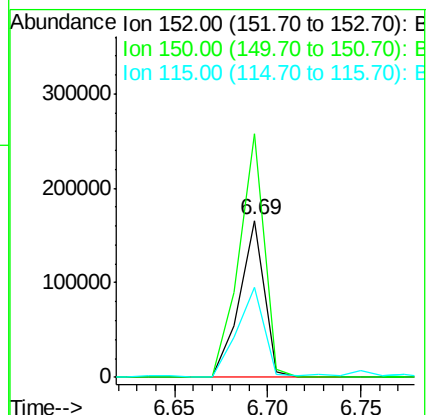
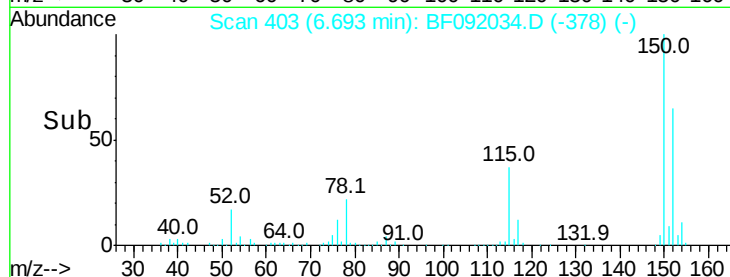
115 57.2 46.0 69.0



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: 85.73 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

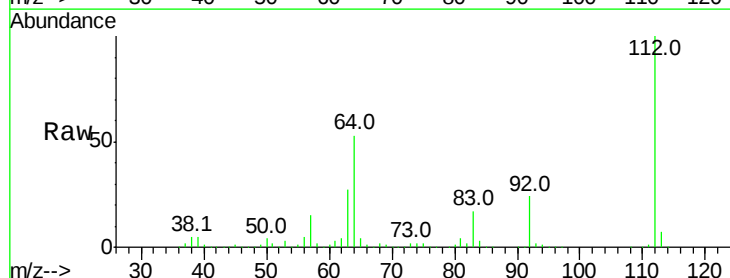
Tgt Ion:112 Resp: 800284

Ion Ratio Lower Upper

112 100

64 53.3 46.1 69.1

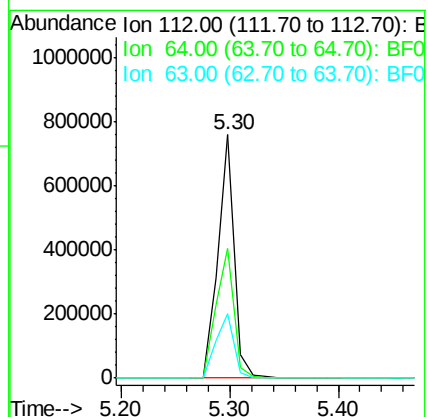
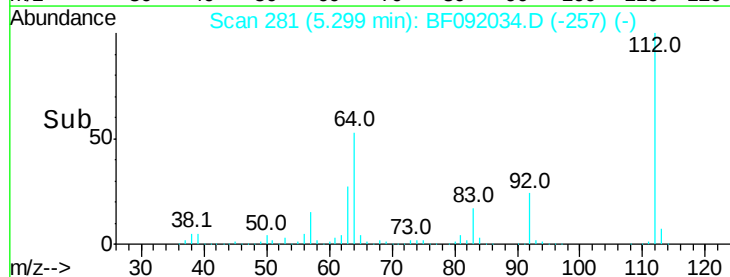
63 26.6 23.8 35.6

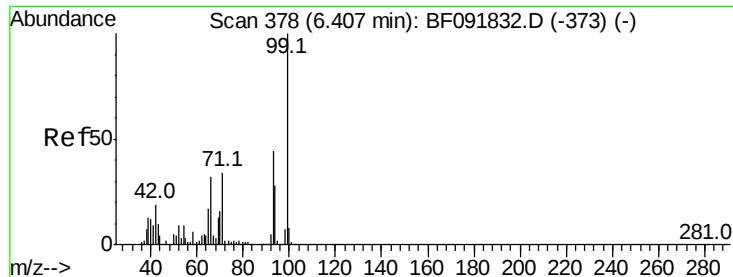


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.40 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

Instrument :

BNA_F

ClientSampleId :

MW-11

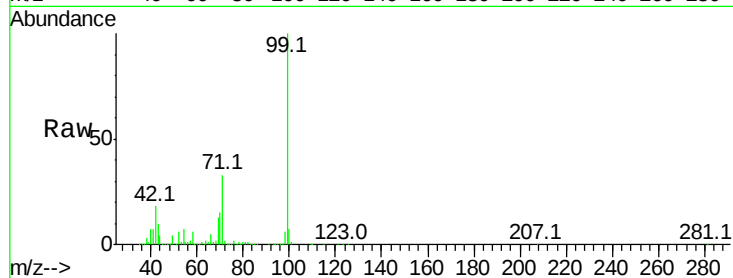
Tot Ion: 99 Resp: 574372

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

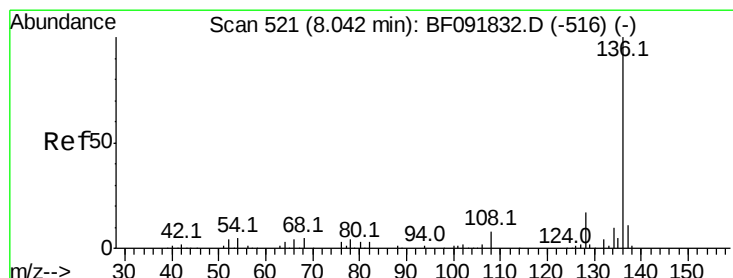
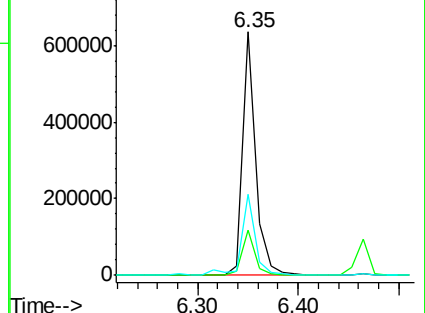
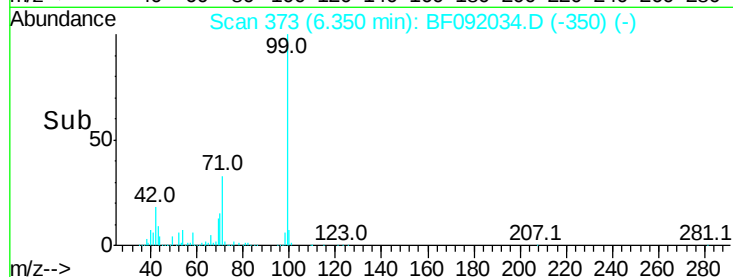
71 33.1 27.5 41.3



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: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

Tgt Ion: 136 Resp: 599591

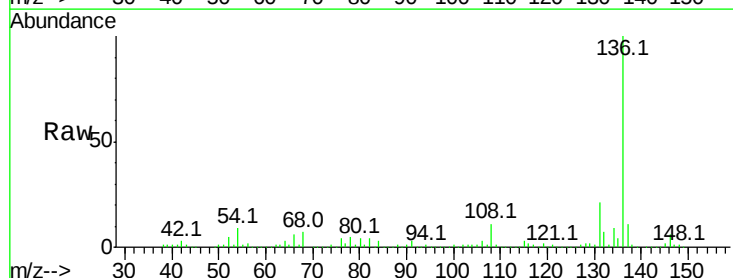
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.1 4.5 6.7#

68 7.0 3.6 5.4#

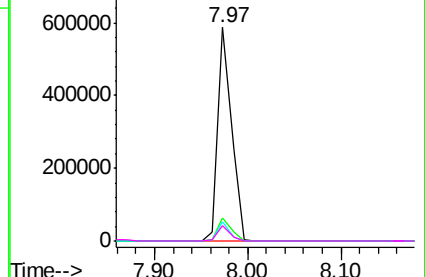
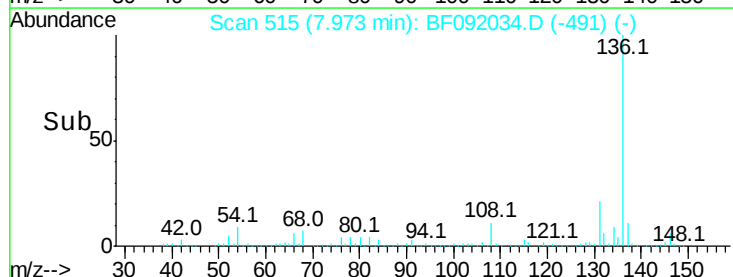


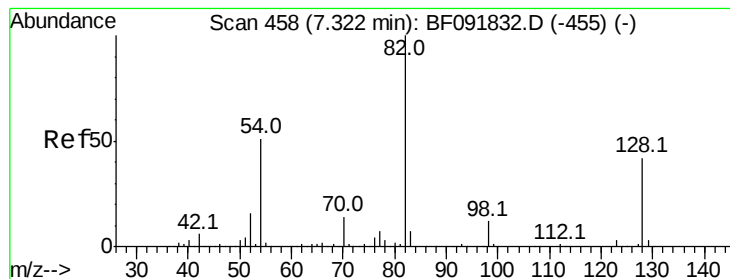
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.14 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

Instrument :

BNA_F

ClientSampleId :

MW-11

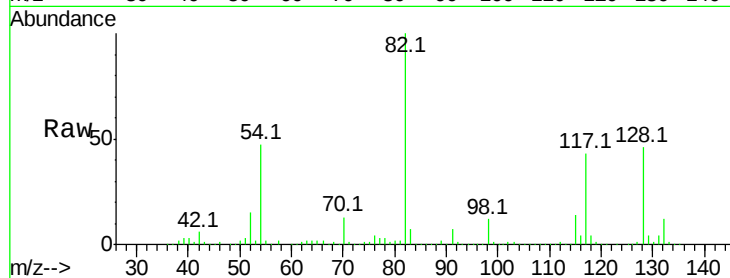
Tot Ion: 82 Resp: 1015064

Ion Ratio Lower Upper

82 100

128 46.3 34.6 52.0

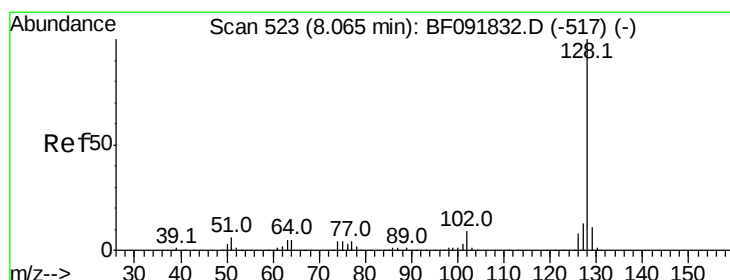
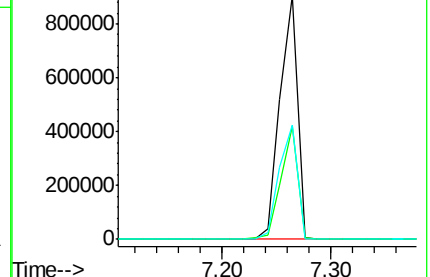
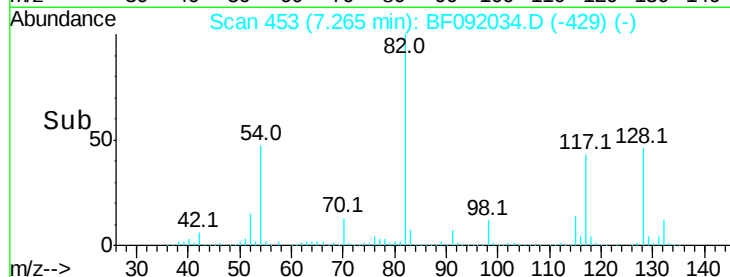
54 46.7 39.5 59.3



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: 5.29 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

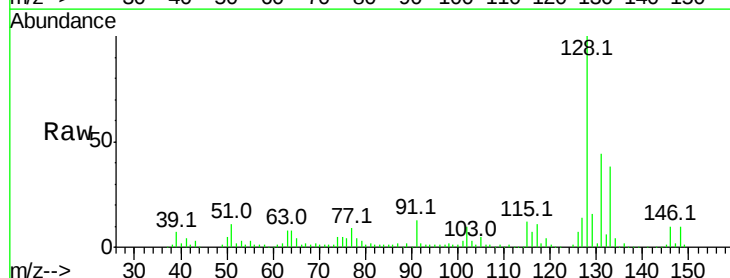
Tgt Ion: 128 Resp: 145159

Ion Ratio Lower Upper

128 100

129 15.5 9.5 14.3#

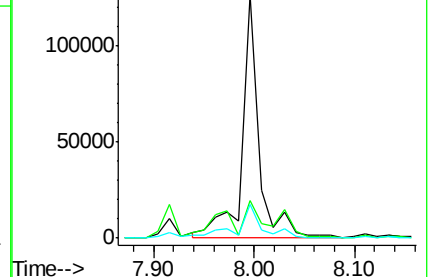
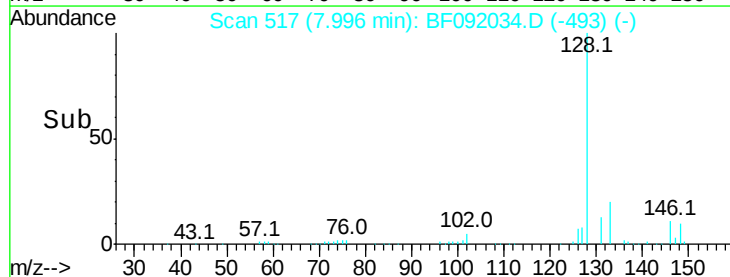
127 14.1 10.8 16.2

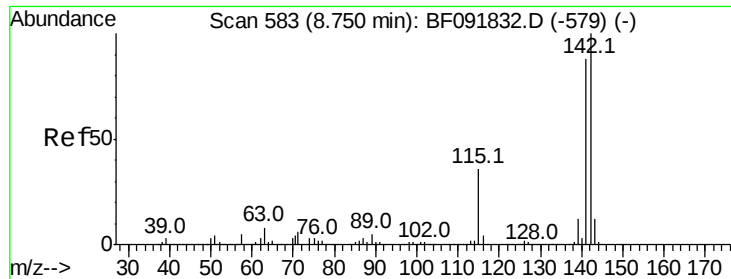


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

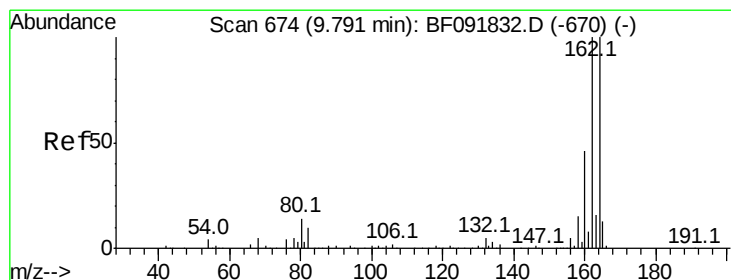
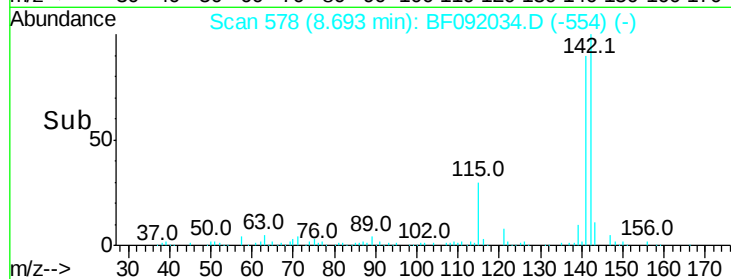
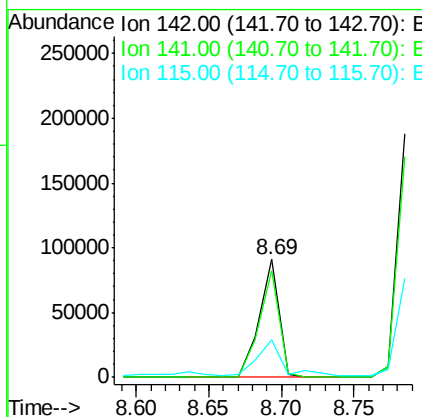
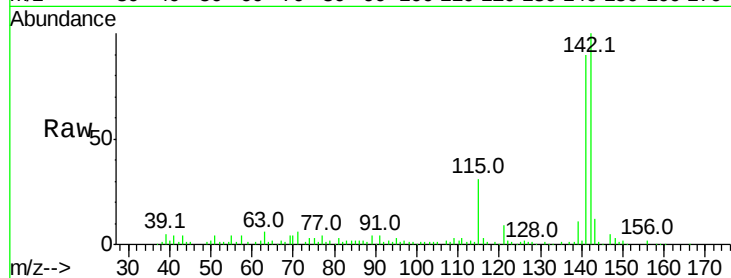




#37
 2-Methylnaphthalene
 Concen: 3.60 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.02 min
 Lab File: BF092034.D
 Acq: 29 Dec 2016 19:57

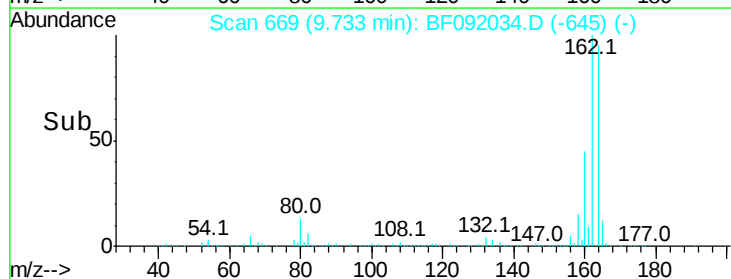
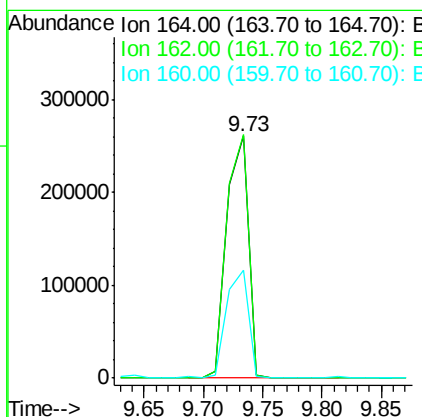
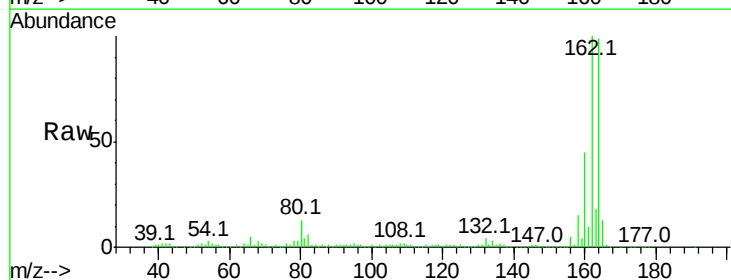
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

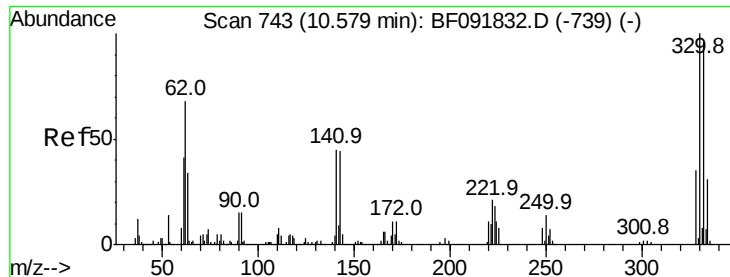
Tot Ion:142 Resp: 86828
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 31.4 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092034.D
 Acq: 29 Dec 2016 19:57

Tgt Ion:164 Resp: 331129
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.2 120.2
 160 44.9 36.9 55.3

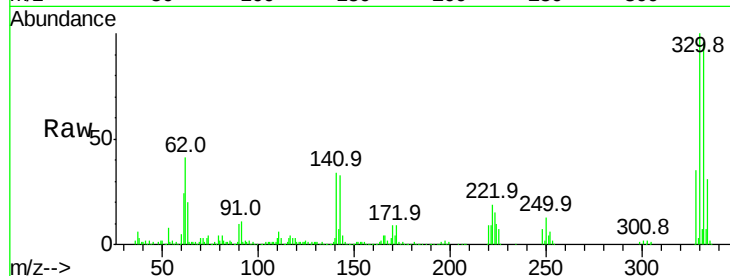




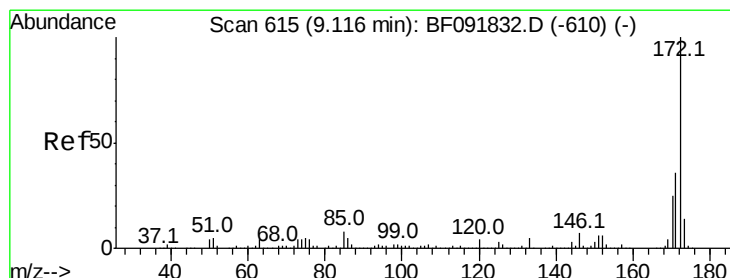
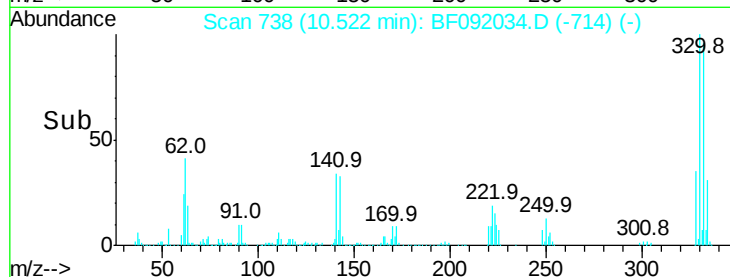
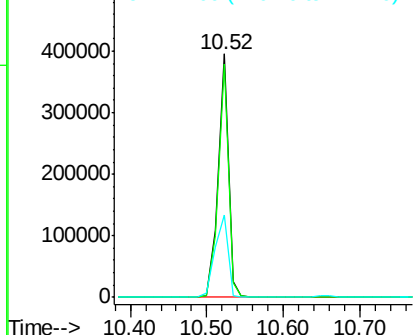
#41
 2,4,6-Tribromophenol
 Concen: 135.72 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092034.D
 Acq: 29 Dec 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion:330 Resp: 371924
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 41.1 34.1 51.1

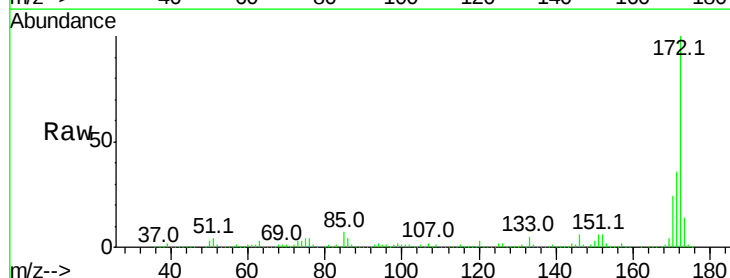


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

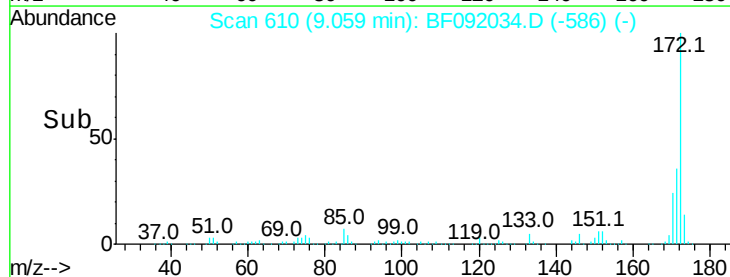
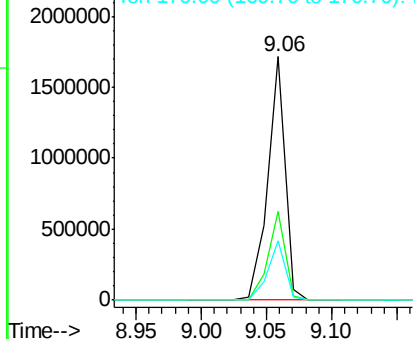


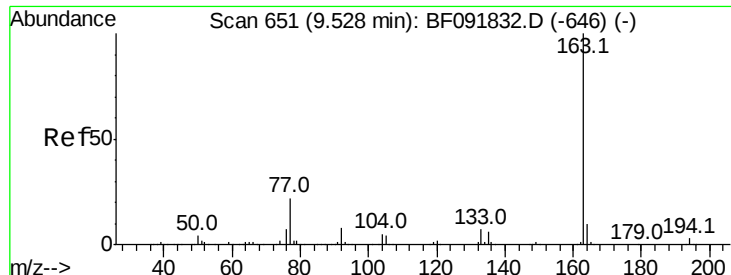
#44
 2-Fluorobiphenyl
 Concen: 101.88 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092034.D
 Acq: 29 Dec 2016 19:57

Tgt Ion:172 Resp: 1605033
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 20.2 30.4



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

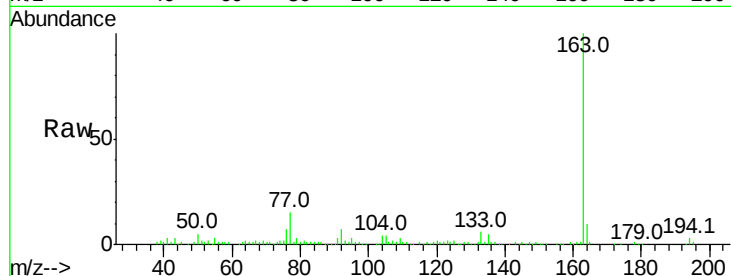




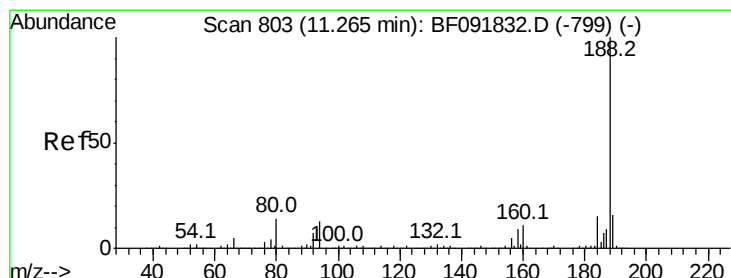
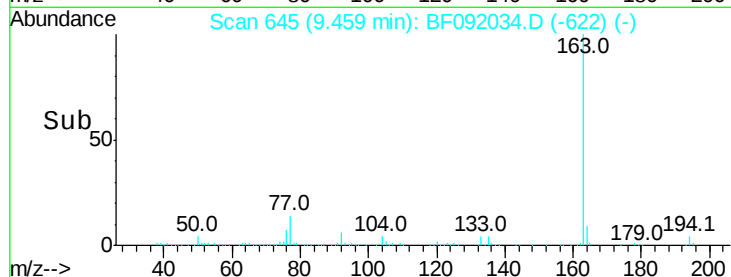
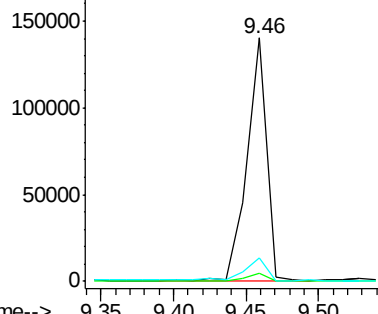
#49
Dimethylphthalate
Concen: 6.10 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF092034.D
Acq: 29 Dec 2016 19:57

Instrument :
BNA_F
ClientSampleId :
MW-11

Tot Ion:163 Resp: 129153
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.9 8.0 12.0

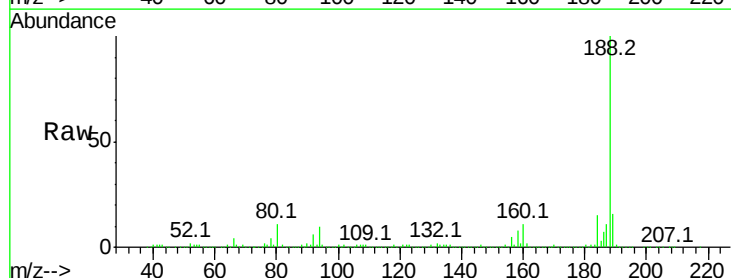


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

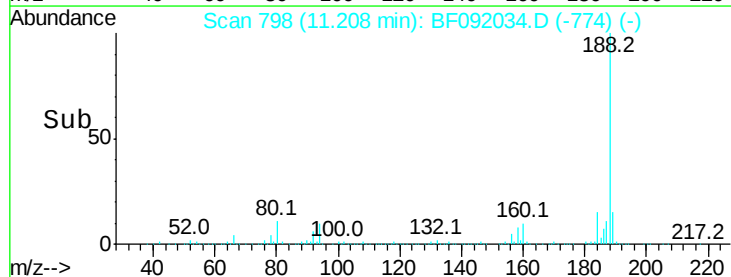
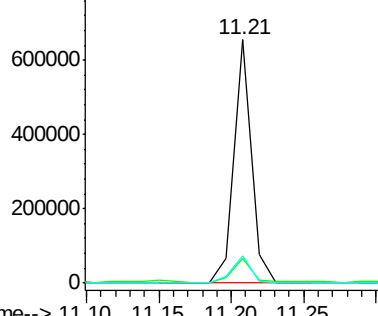


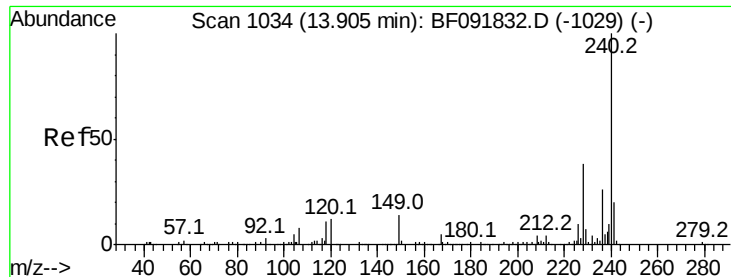
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092034.D
Acq: 29 Dec 2016 19:57

Tgt Ion:188 Resp: 554138
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.1 11.2 16.8#



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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

Instrument :

BNA_F

ClientSampleId :

MW-11

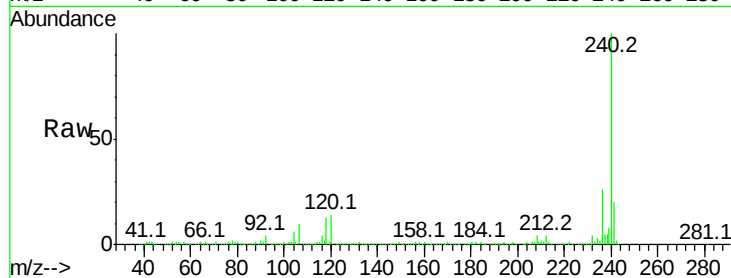
Tot Ion:240 Resp: 467903

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

236 25.6 20.9 31.3



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

13.84

400000

300000

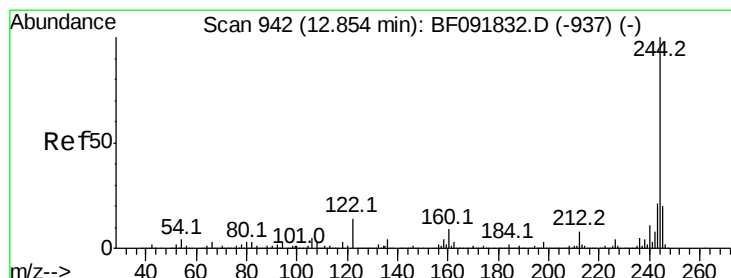
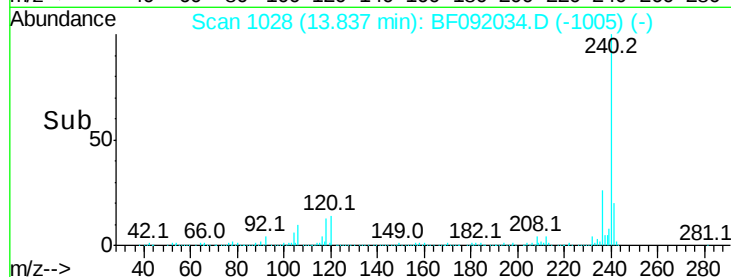
200000

100000

0

13.80 14.00

Time-->



#78

Terphenyl-d14

Concen: 82.41 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF092034.D

Acq: 29 Dec 2016 19:57

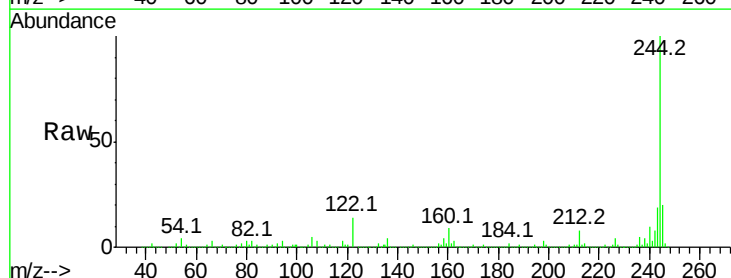
Tgt Ion:244 Resp: 1589917

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 14.1 11.4 17.2



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

12.80

1500000

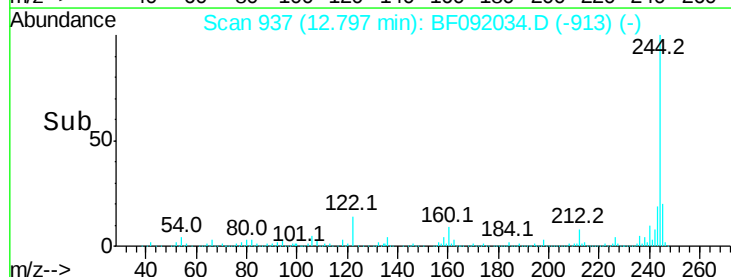
1000000

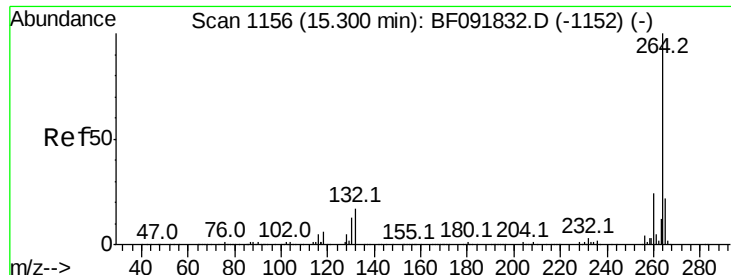
500000

0

12.60 12.80 13.00

Time-->

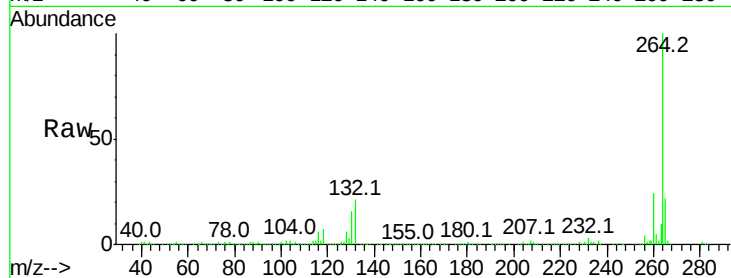




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF092034.D
 Acq: 29 Dec 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.4	26.0



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

