

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082795.D
 Acq On : 7 Nov 2015 7:40
 Operator : UM/IZ
 Sample : G4259-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

Quant Time: Nov 09 03:20:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

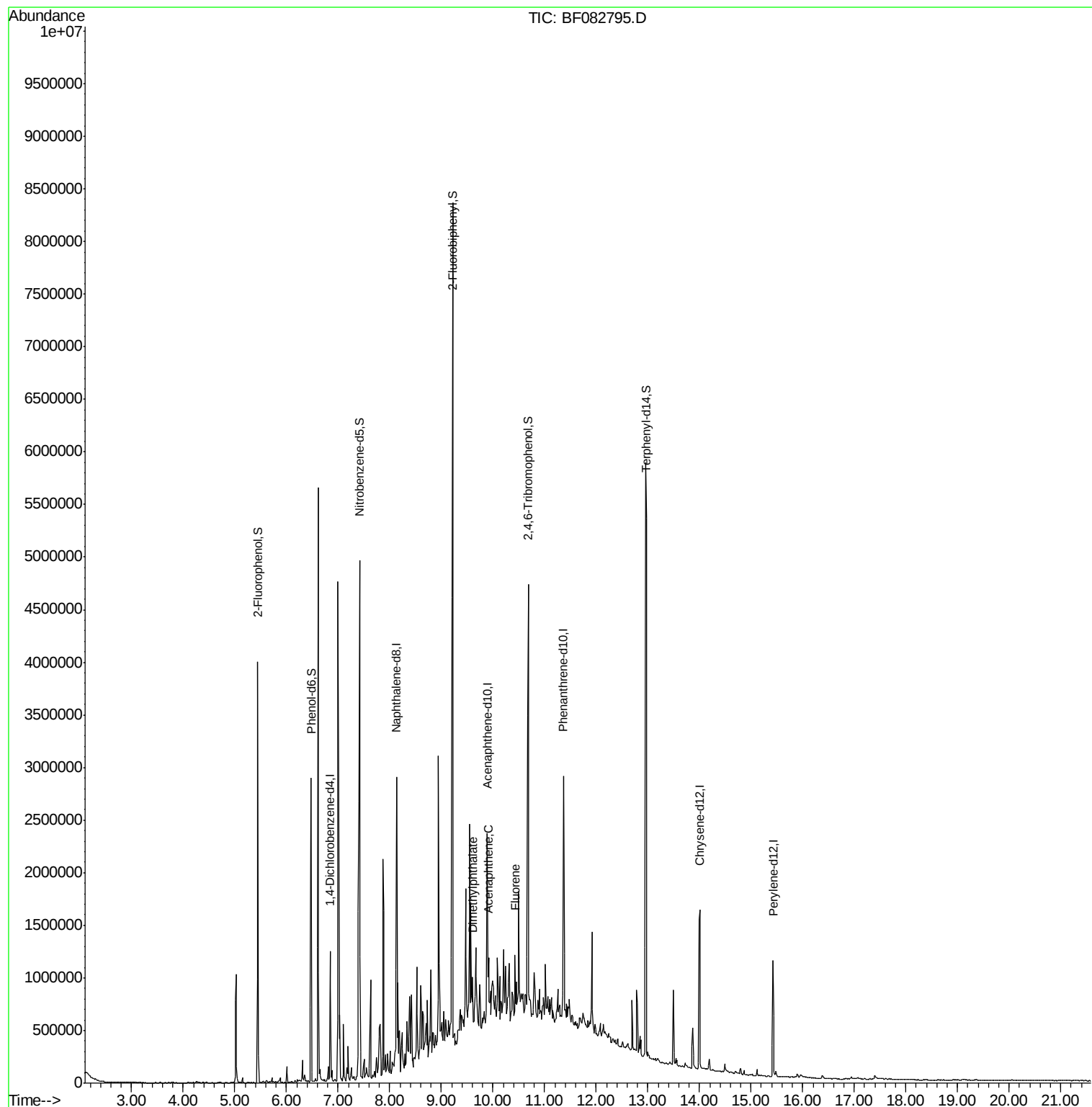
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	236973	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	921043	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	500637	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	823160	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	780753	20.00	ng	-0.01
86) Perylene-d12	15.43	264	534465	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	980008	64.35	ng	0.00
7) Phenol-d6	6.48	99	918219	45.35	ng	0.00
23) Nitrobenzene-d5	7.41	82	1832675	86.58	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	633623	110.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2872362	82.23	ng	0.00
78) Terphenyl-d14	12.97	244	2714911	82.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	175228	4.27	ng	98
51) Acenaphthene	9.92	154	92384	2.78	ng	96
57) Fluorene	10.43	166	126586	3.48	ng	98

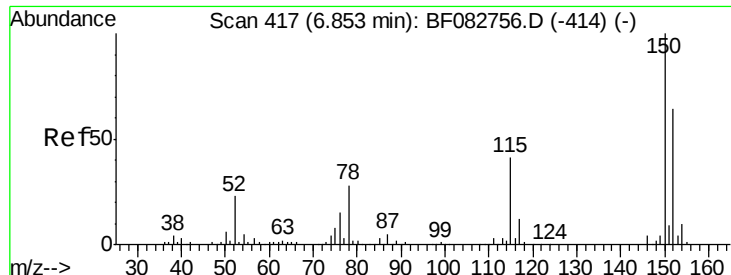
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

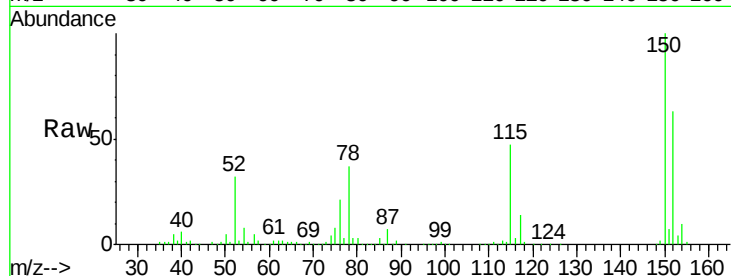
Tot Ion:152 Resp: 236973

Ion Ratio Lower Upper

152 100

150 159.5 127.0 190.4

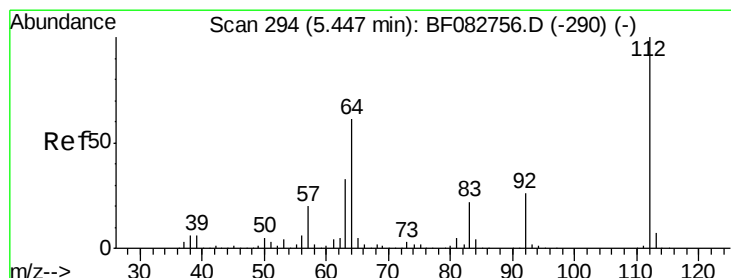
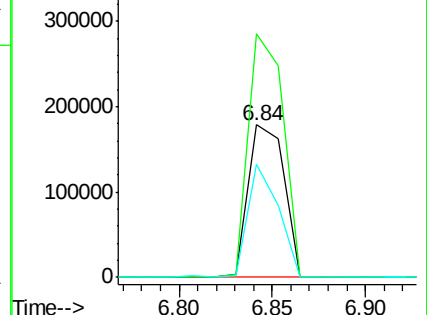
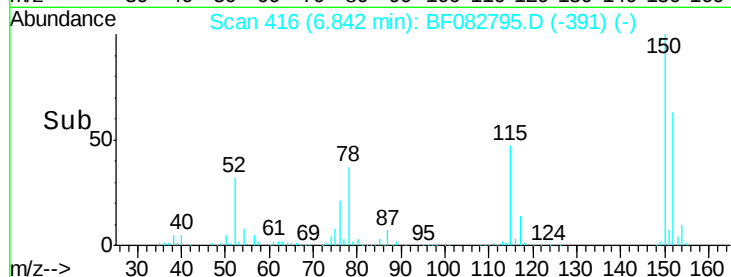
115 74.2 47.0 70.6#



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: 64.35 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

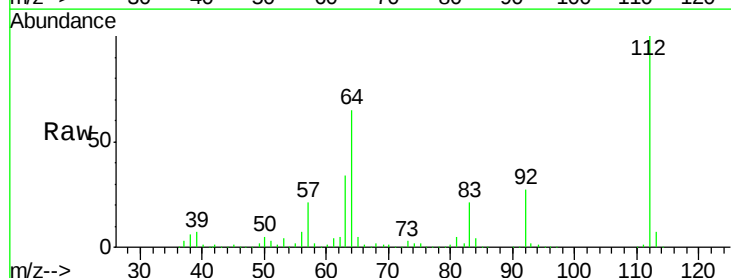
Tgt Ion:112 Resp: 980008

Ion Ratio Lower Upper

112 100

64 65.4 48.9 73.3

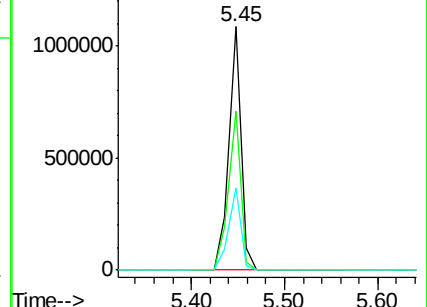
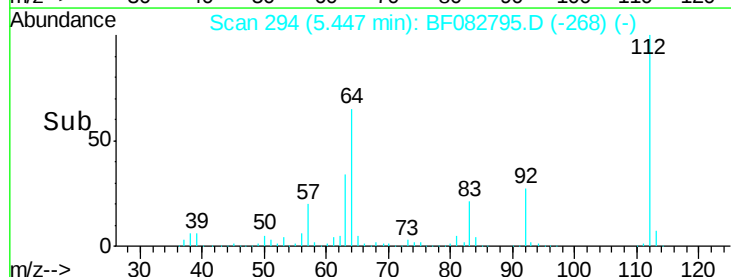
63 33.7 28.1 42.1

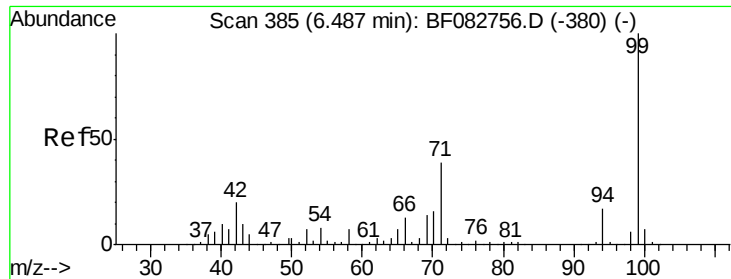


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.35 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

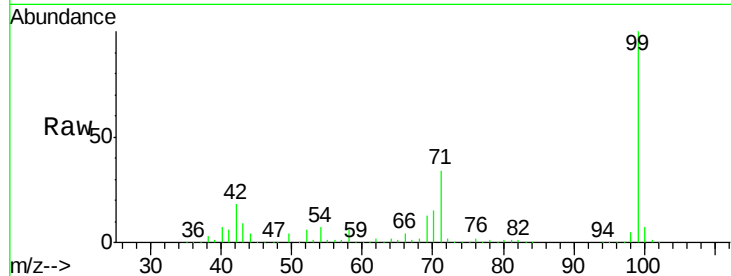
Tot Ion: 99 Resp: 918219

Ion Ratio Lower Upper

99 100

42 17.6 19.2 28.8#

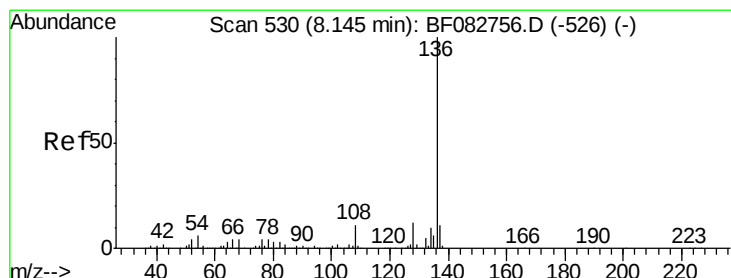
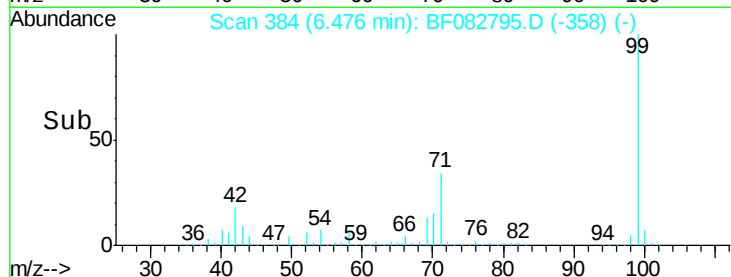
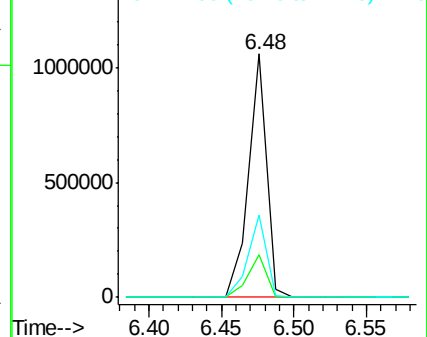
71 34.0 35.0 52.4#



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Tgt Ion: 136 Resp: 921043

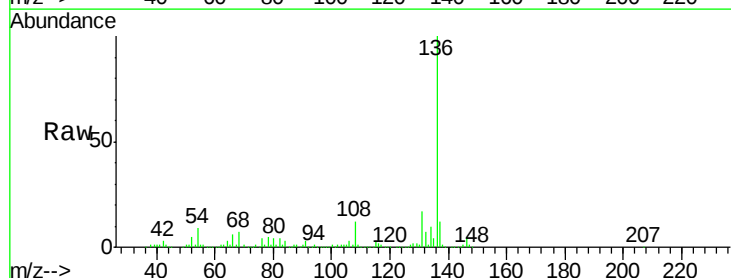
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.4 9.1 13.7

68 7.1 4.8 7.2

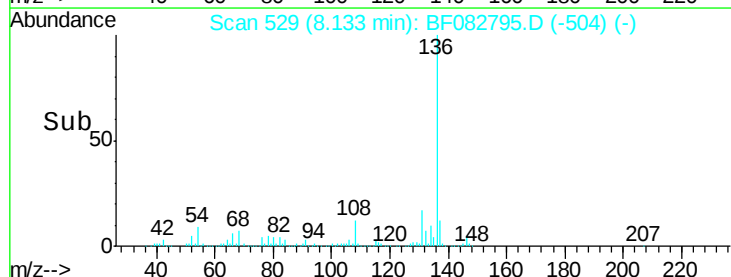
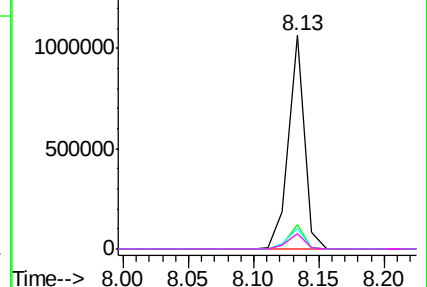


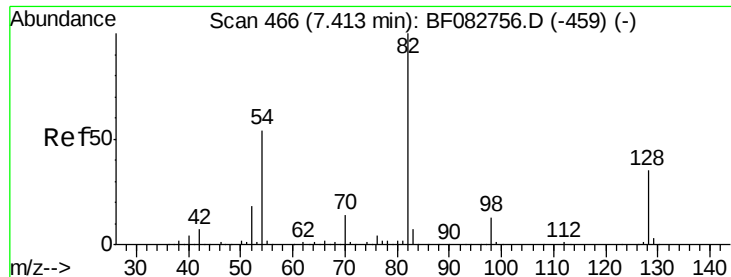
Abundance Ion 136.00 (135.70 to 136.70): E

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

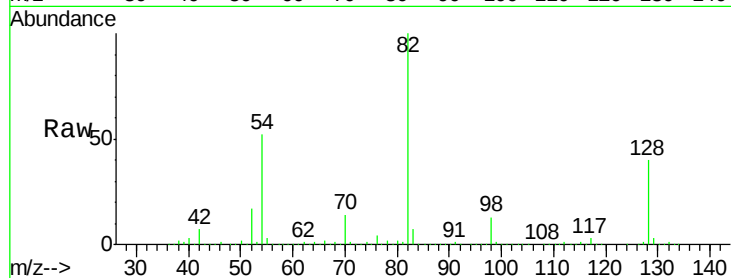




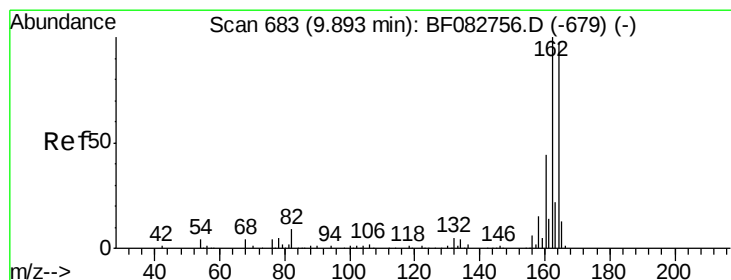
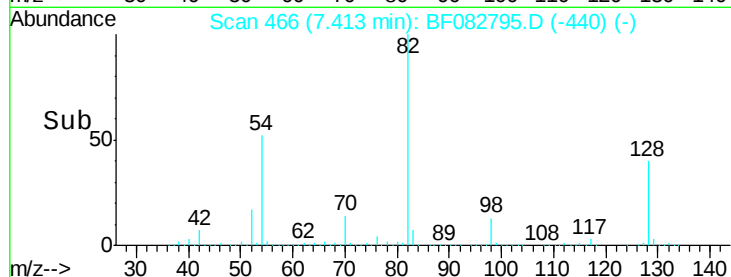
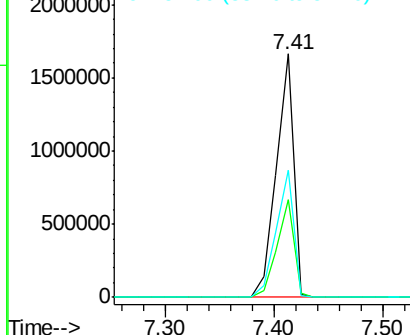
#23
 Nitrobenzene-d5
 Concen: 86.58 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

Tot Ion: 82 Resp: 1832675
 Ion Ratio Lower Upper
 82 100
 128 40.0 26.8 40.2
 54 52.1 45.7 68.5

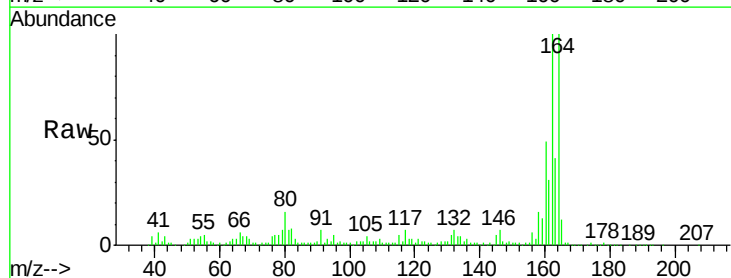


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

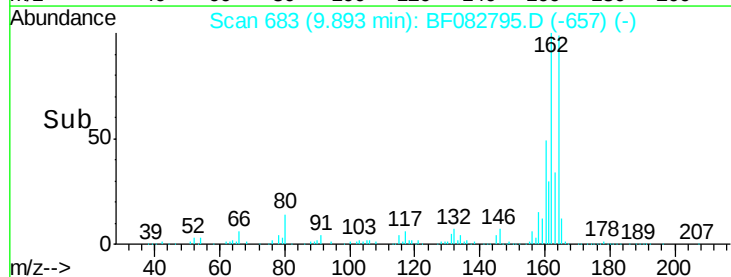
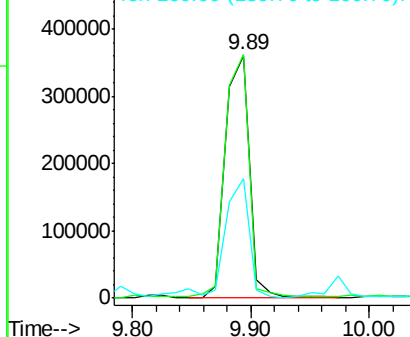


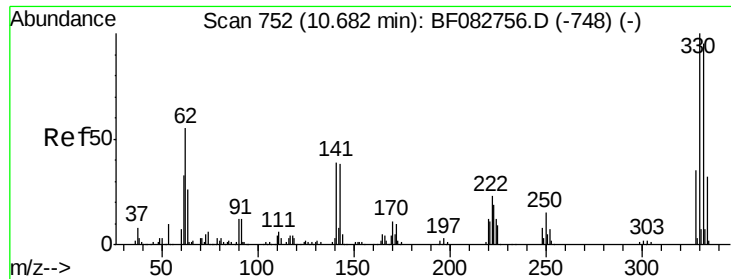
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

Tgt Ion:164 Resp: 500637
 Ion Ratio Lower Upper
 164 100
 162 100.3 84.9 127.3
 160 49.2 37.5 56.3



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

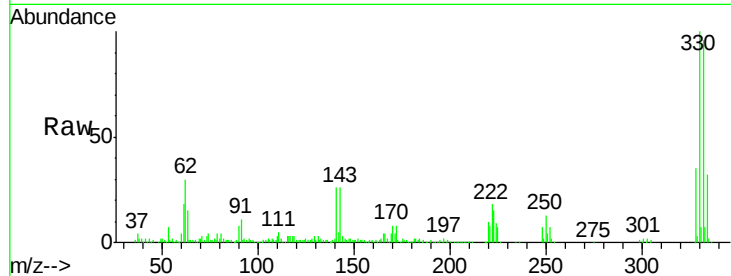




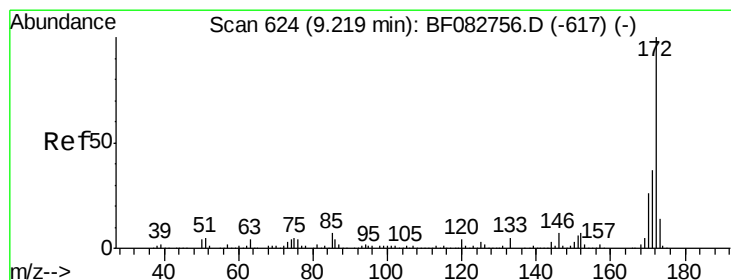
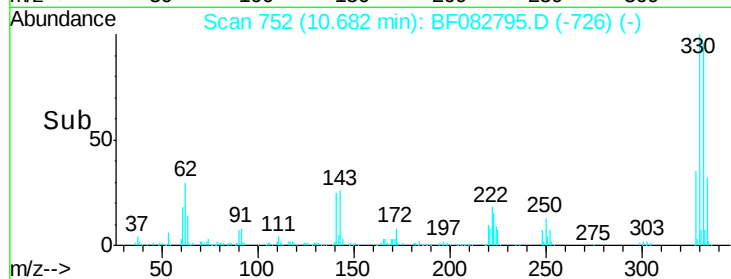
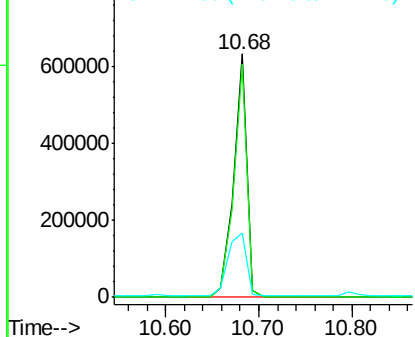
#41
 2,4,6-Tribromophenol
 Concen: 110.38 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

Tot Ion:330 Resp: 633623
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 36.3 41.2 61.8#

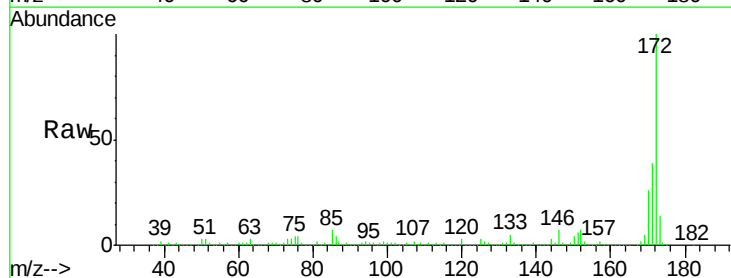


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

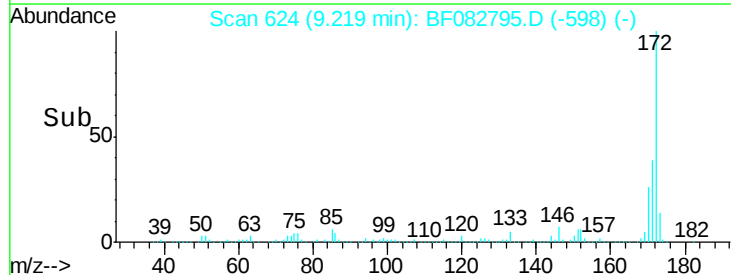
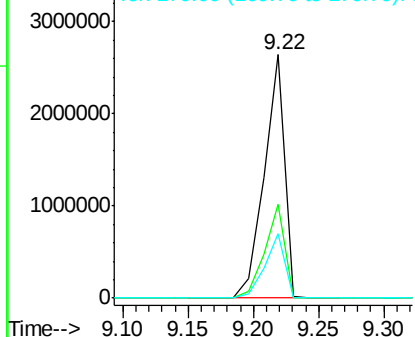


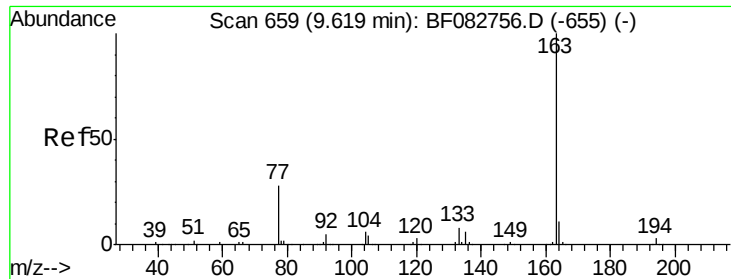
#44
 2-Fluorobiphenyl
 Concen: 82.23 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

Tgt Ion:172 Resp: 2872362
 Ion Ratio Lower Upper
 172 100
 171 38.8 30.8 46.2
 170 26.5 21.2 31.8



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

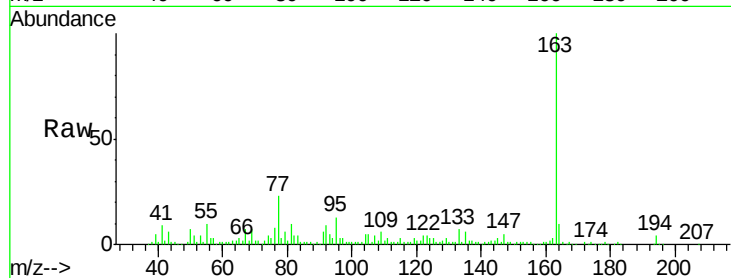




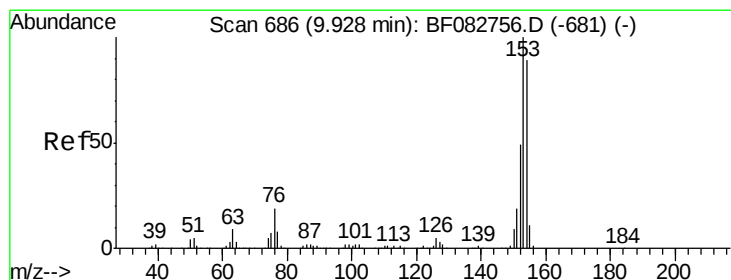
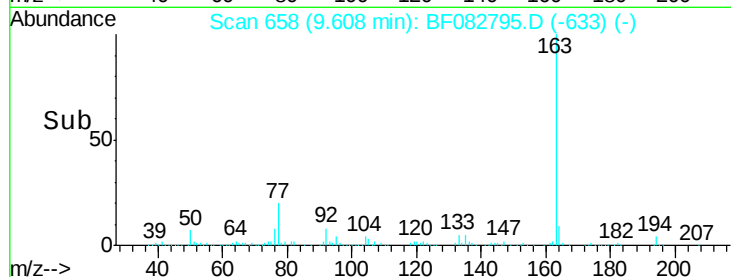
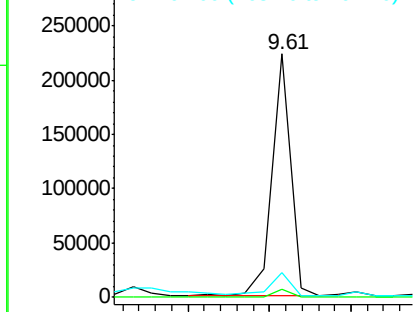
#49
Dimethylphthalate
Concen: 4.27 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Instrument :
BNA_F
ClientSampleId :
MW-02-110315

Tot Ion:163 Resp: 175228
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.7 13.1

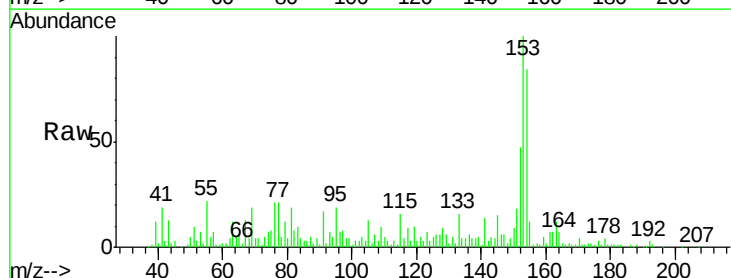


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

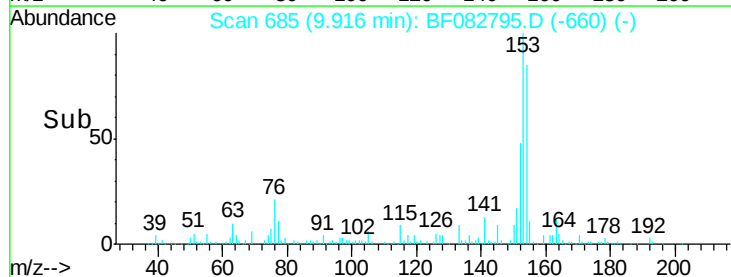
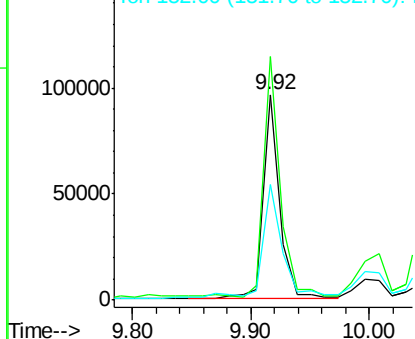


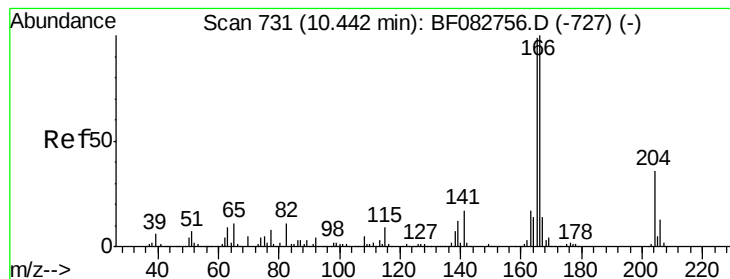
#51
Acenaphthene
Concen: 2.78 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF082795.D
Acq: 7 Nov 2015 7:40

Tgt Ion:154 Resp: 92384
Ion Ratio Lower Upper
154 100
153 118.4 90.1 135.1
152 56.2 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 3.48 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

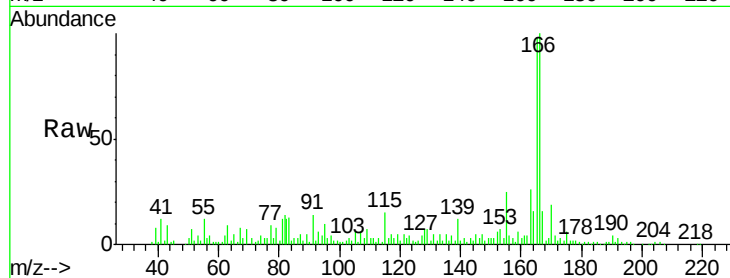
Tot Ion:166 Resp: 126586

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

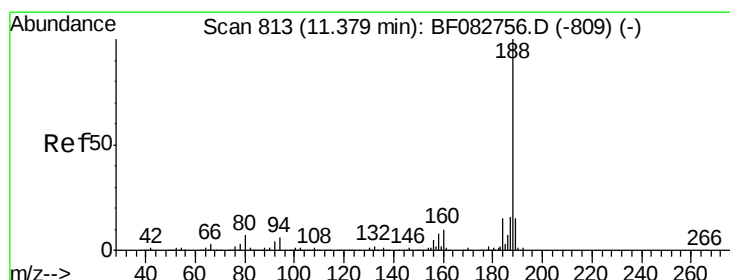
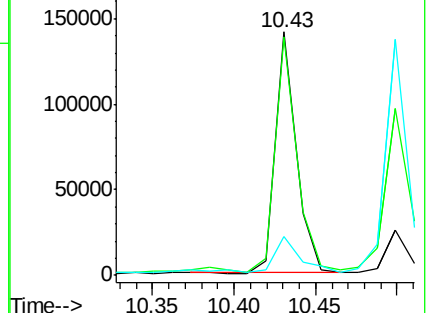
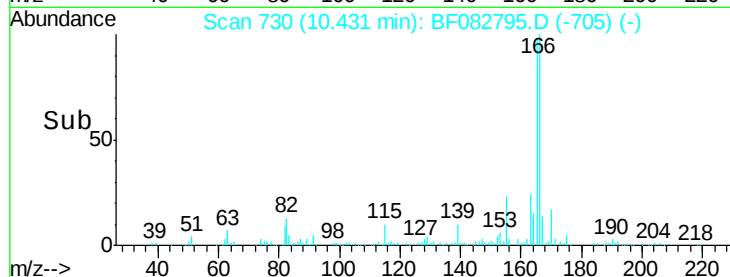
167 15.9 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

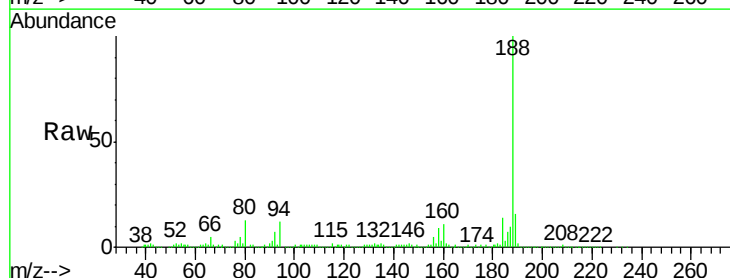
Tgt Ion:188 Resp: 823160

Ion Ratio Lower Upper

188 100

94 12.2 6.1 9.1#

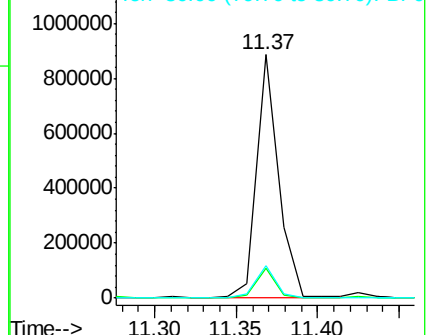
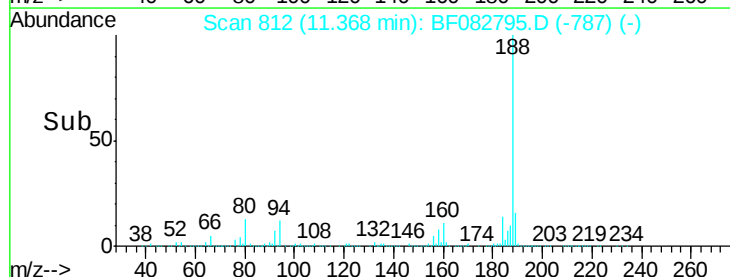
80 13.1 7.0 10.6#

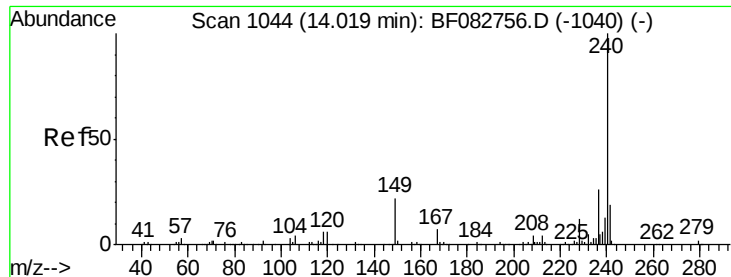


Abundance Ion 188.00 (187.70 to 188.70): E

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# 1043

Delta R.T. -0.01 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

Instrument :

BNA_F

ClientSampleId :

MW-02-110315

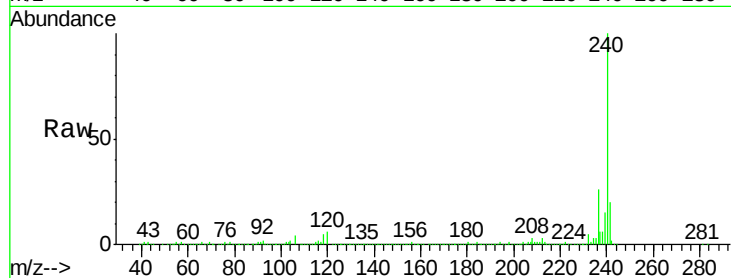
Tot Ion:240 Resp: 780753

Ion Ratio Lower Upper

240 100

120 6.3 10.9 16.3#

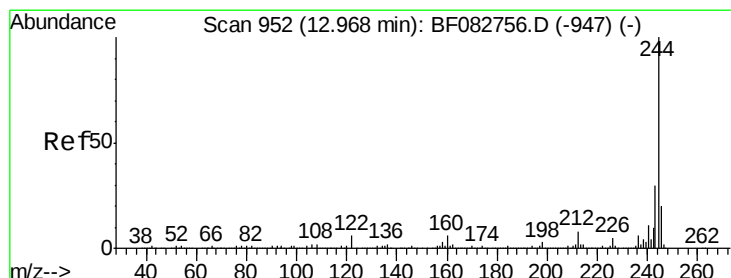
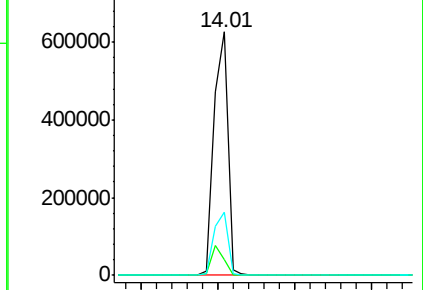
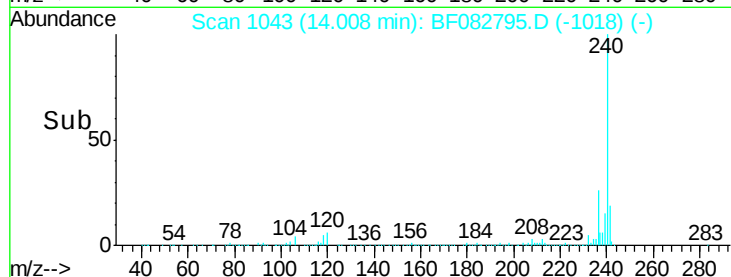
236 26.0 21.6 32.4



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: 82.48 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082795.D

Acq: 7 Nov 2015 7:40

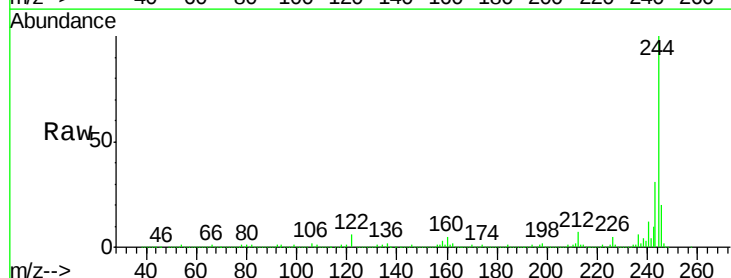
Tgt Ion:244 Resp: 2714911

Ion Ratio Lower Upper

244 100

212 7.3 7.6 11.4#

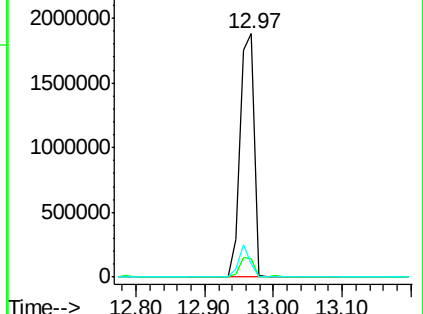
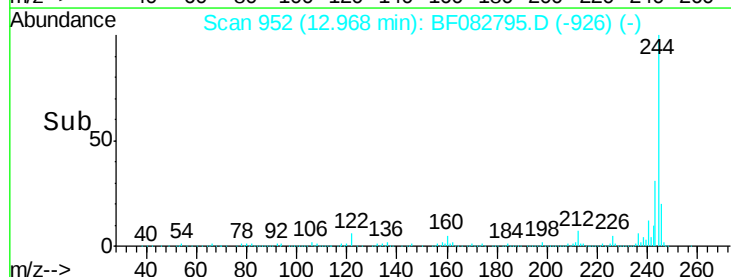
122 5.6 11.3 16.9#

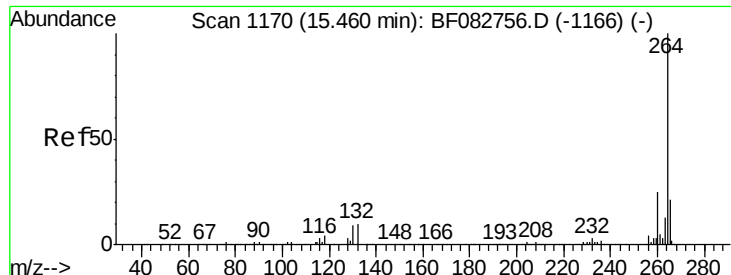


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

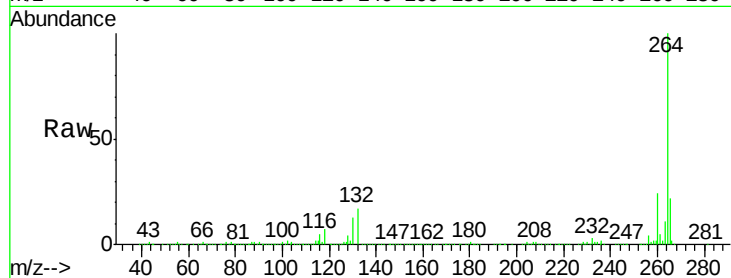




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.03 min
 Lab File: BF082795.D
 Acq: 7 Nov 2015 7:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-02-110315

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.6	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

