

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090933.D
 Acq On : 31 Oct 2016 17:32
 Operator : UM/SJ
 Sample : H5463-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6-8)

Quant Time: Nov 01 13:14:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

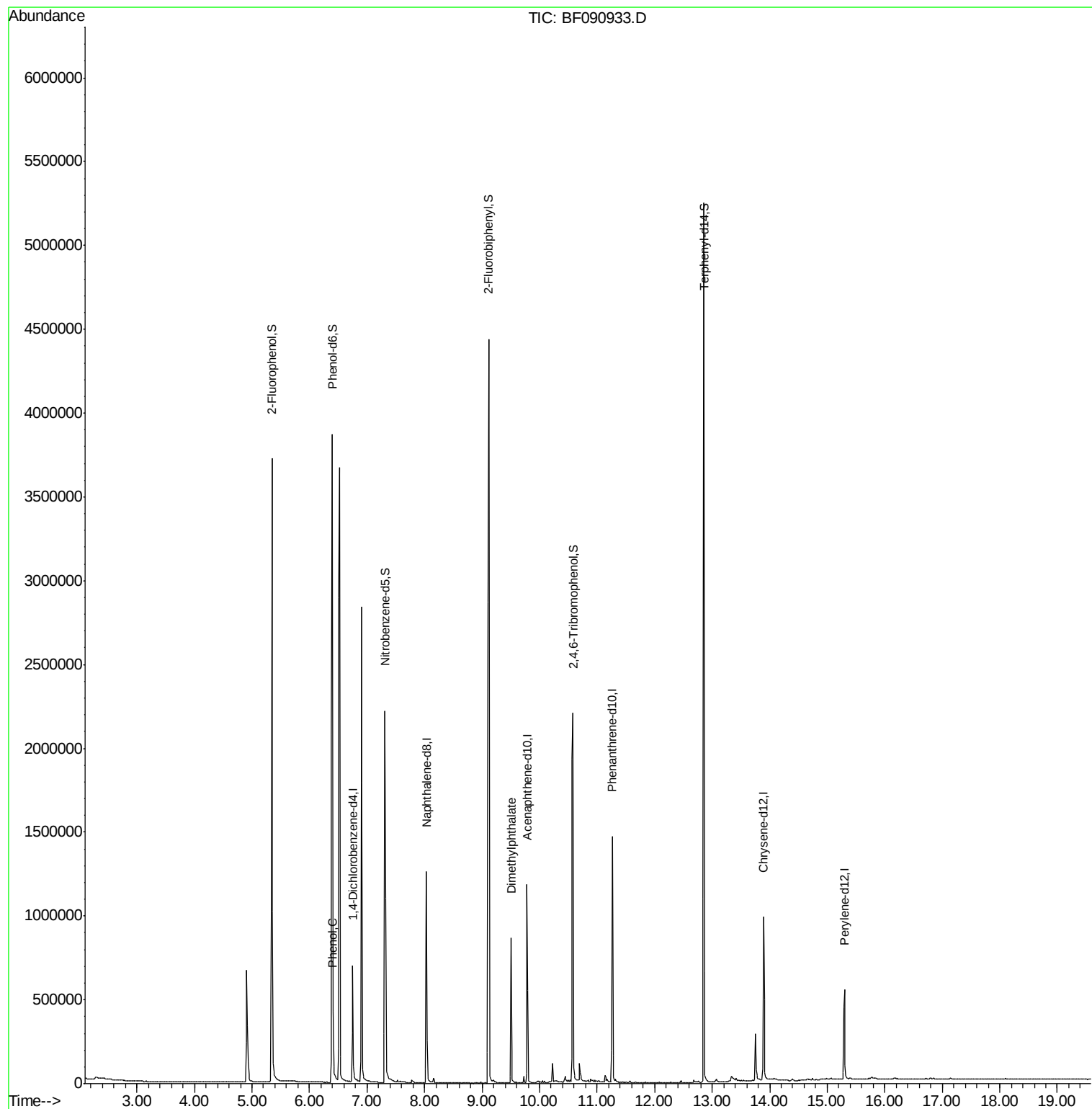
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	131625	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	572227	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	281985	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	506770	20.00	ng	0.00
75) Chrysene-d12	13.89	240	377918	20.00	ng	-0.01
86) Perylene-d12	15.30	264	307281	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1218638	161.87	ng	0.01
7) Phenol-d6	6.40	99	1667784	164.21	ng	0.00
23) Nitrobenzene-d5	7.31	82	1003021	114.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	431633	148.95	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1795794	111.83	ng	0.00
78) Terphenyl-d14	12.85	244	1619793	107.98	ng	0.00
Target Compounds						
10) Phenol	6.41	94	68577	6.13	ng	77
49) Dimethylphthalate	9.50	163	331328	17.59	ng	# 97

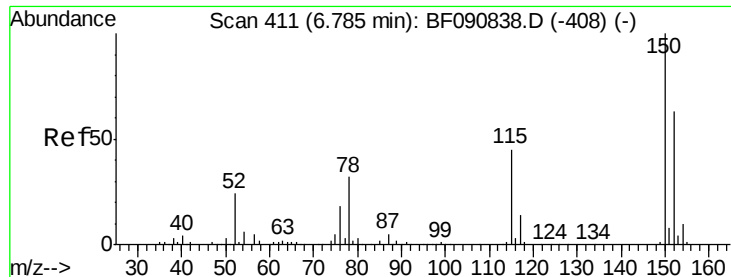
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

SB-3(6-8)

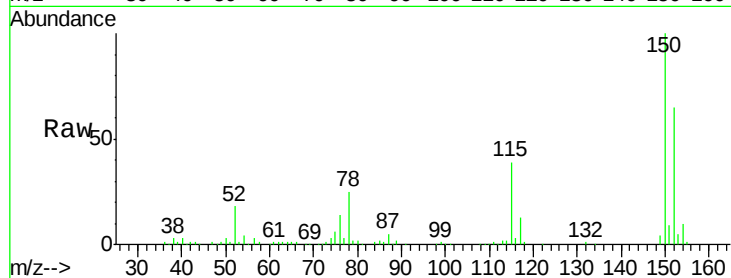
Tgt Ion:152 Resp: 131625

Ion Ratio Lower Upper

152 100

150 153.4 124.7 187.1

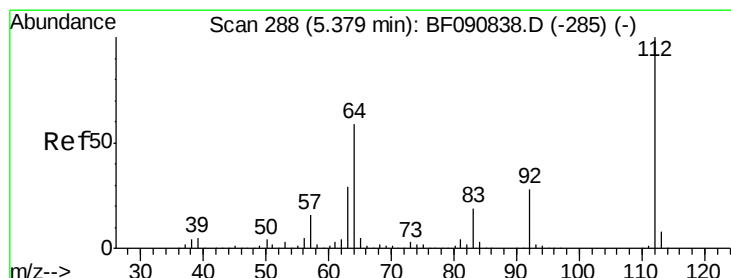
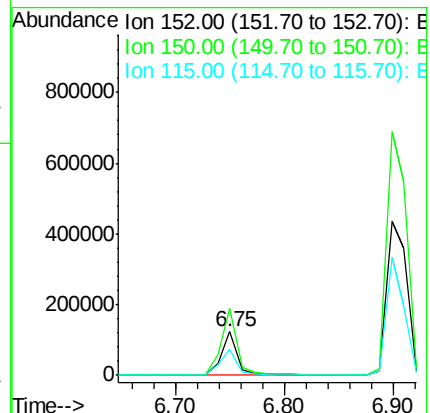
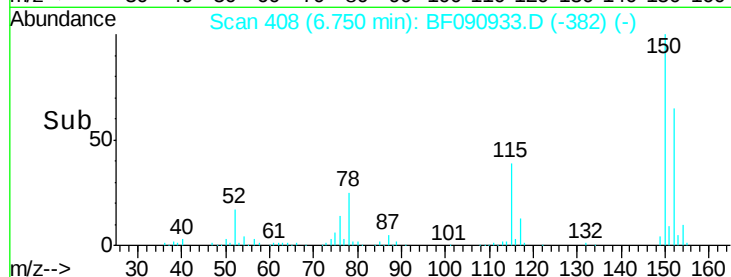
115 59.4 39.0 58.4#



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: 161.87 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

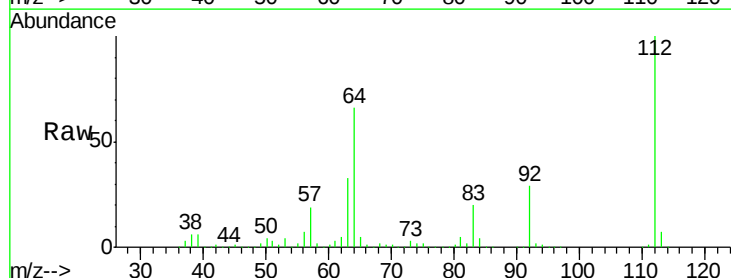
Tgt Ion:112 Resp: 1218638

Ion Ratio Lower Upper

112 100

64 66.0 39.7 59.5#

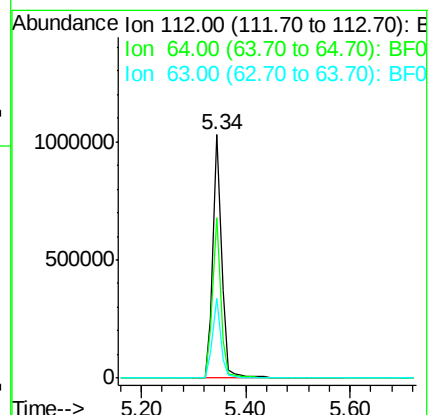
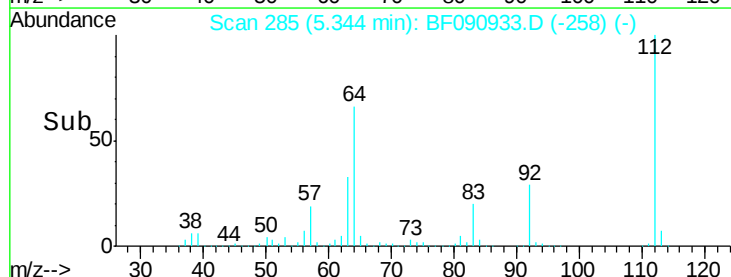
63 32.8 17.4 26.0#

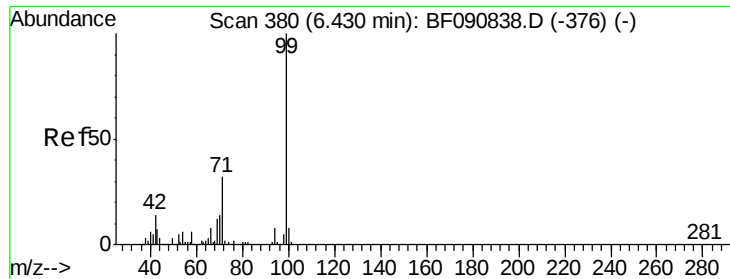


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 164.21 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

SB-3(6-8)

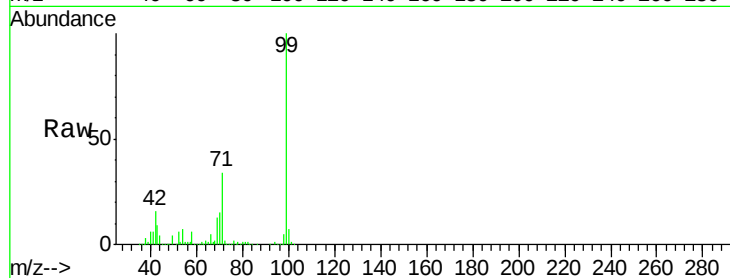
Tgt Ion: 99 Resp: 1667784

Ion Ratio Lower Upper

99 100

42 16.3 13.7 20.5

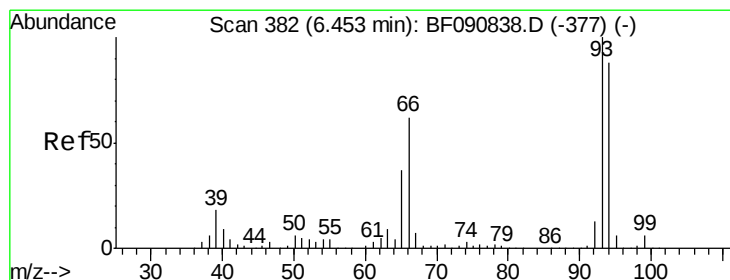
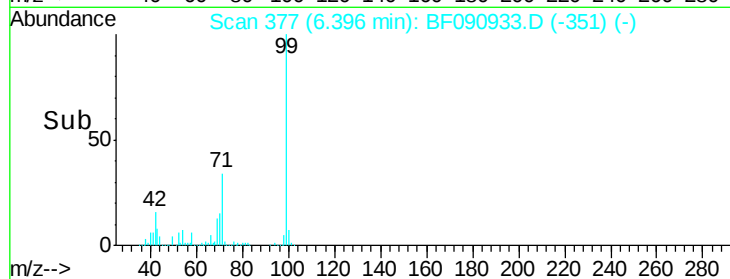
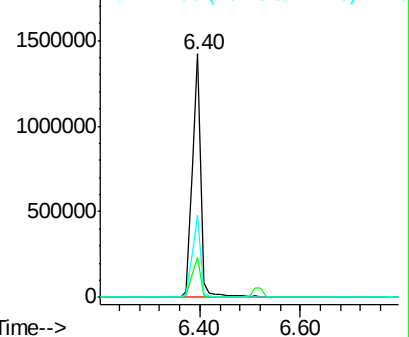
71 34.0 14.2 21.2#



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



#10

Phenol

Concen: 6.13 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

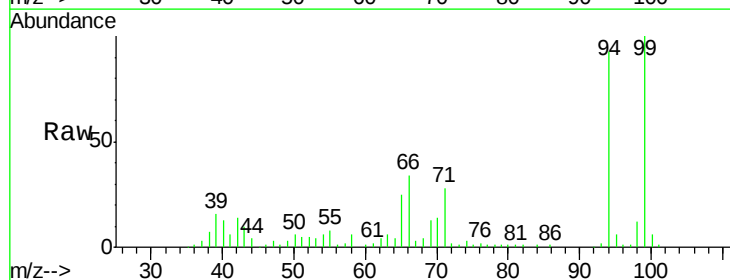
Tgt Ion: 94 Resp: 68577

Ion Ratio Lower Upper

94 100

65 26.6 0.7 40.7

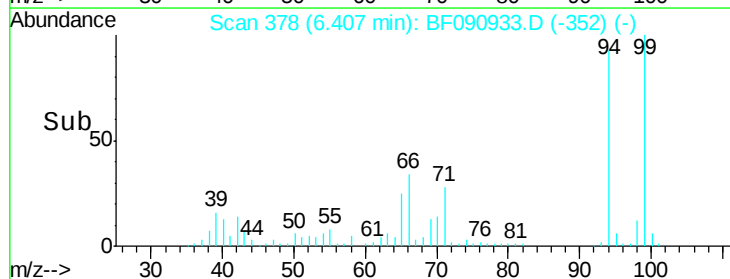
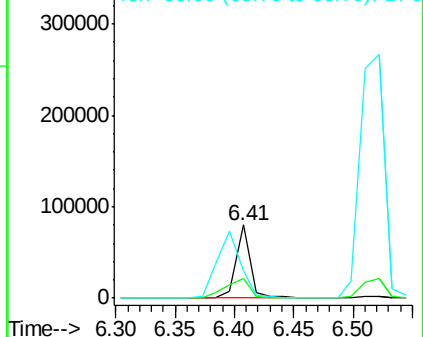
66 36.7 0.8 40.8

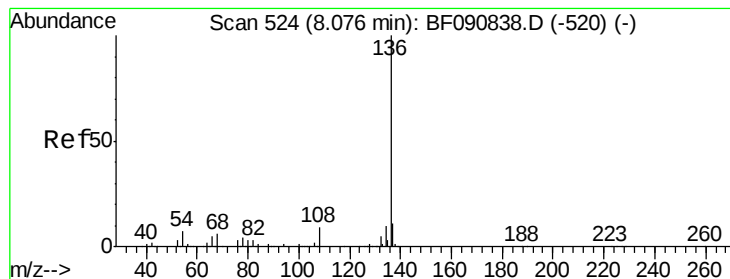


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

SB-3(6-8)

Tgt Ion: 136 Resp: 572227

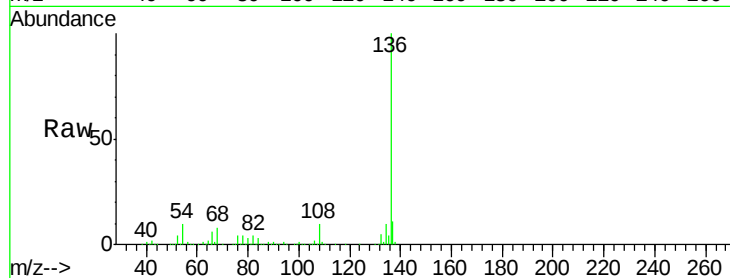
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.6 8.2 12.2

68 8.3 5.8 8.6

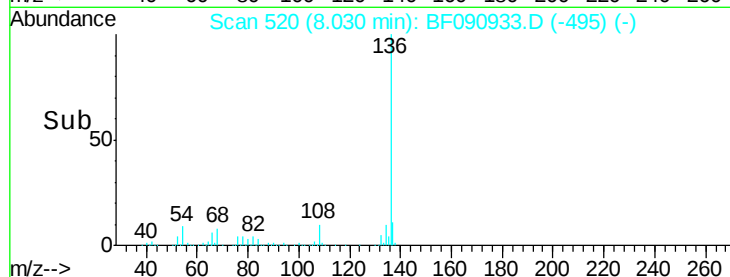


Abundance Ion 136.00 (135.70 to 136.70): E

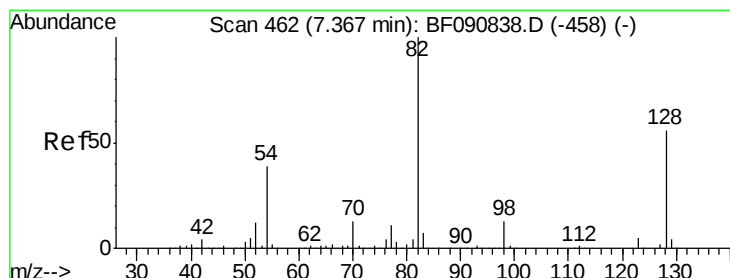
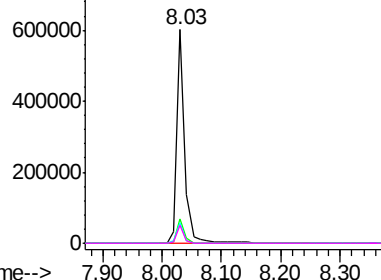
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 114.75 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

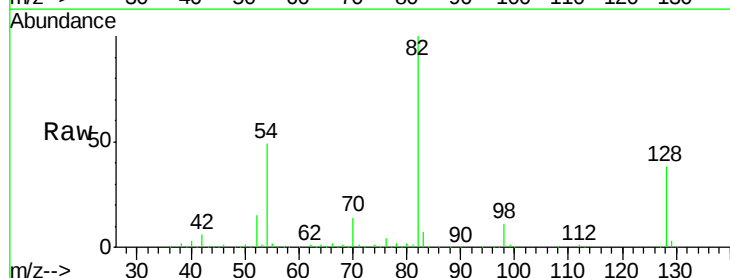
Tgt Ion: 82 Resp: 1003021

Ion Ratio Lower Upper

82 100

128 38.4 51.0 76.6#

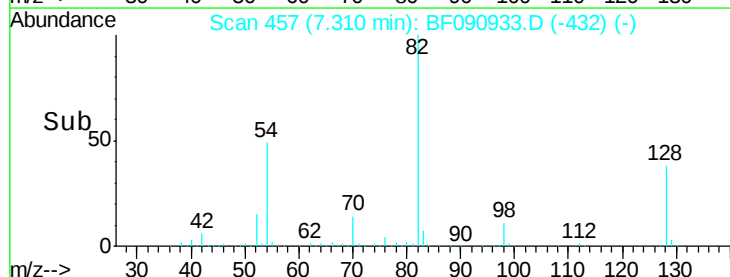
54 49.1 47.5 71.3



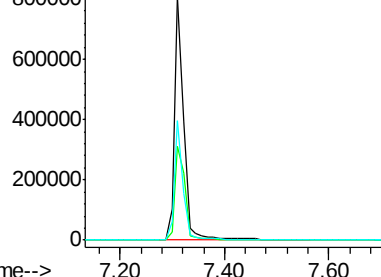
Abundance Ion 82.00 (81.70 to 82.70): BF0

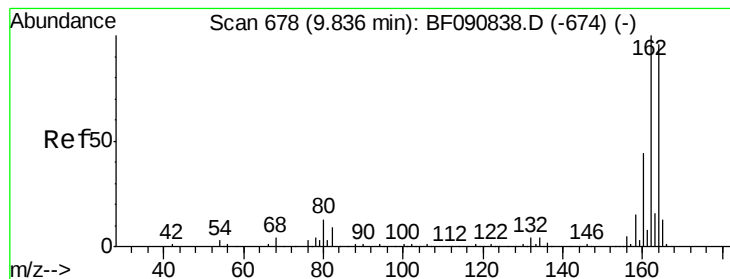
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

SB-3(6-8)

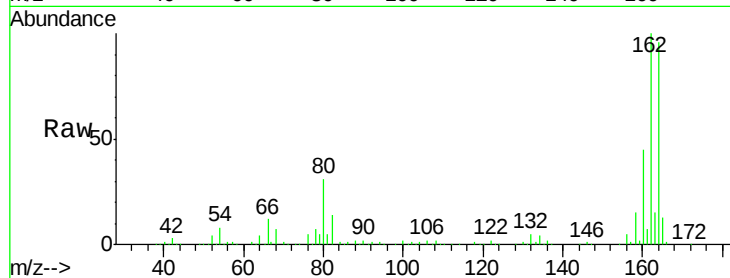
Tgt Ion:164 Resp: 281985

Ion Ratio Lower Upper

164 100

162 104.6 75.2 112.8

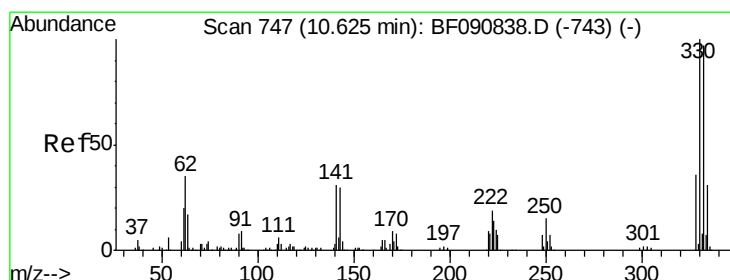
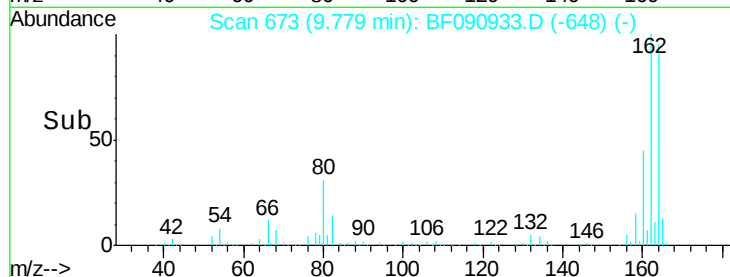
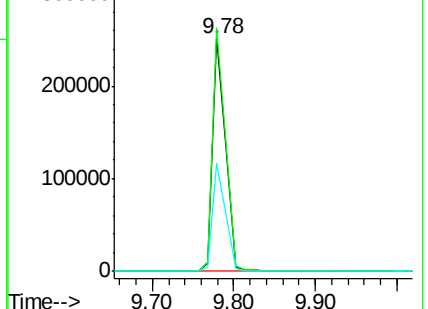
160 46.6 31.5 47.3



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: 148.95 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

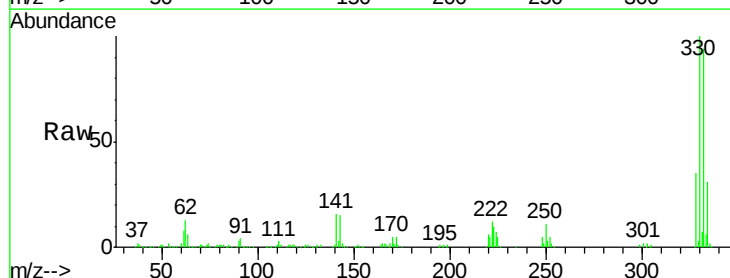
Tgt Ion:330 Resp: 431633

Ion Ratio Lower Upper

330 100

332 94.1 76.6 114.8

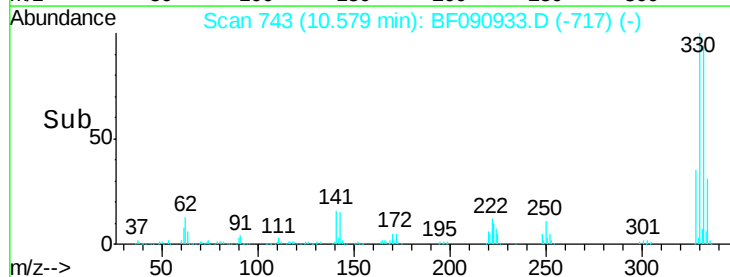
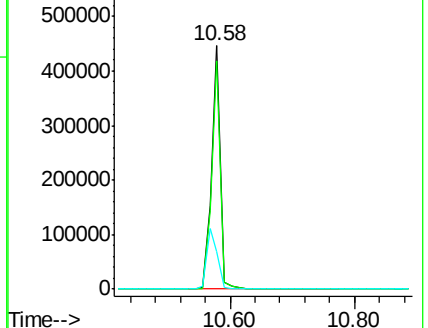
141 31.1 29.7 44.5

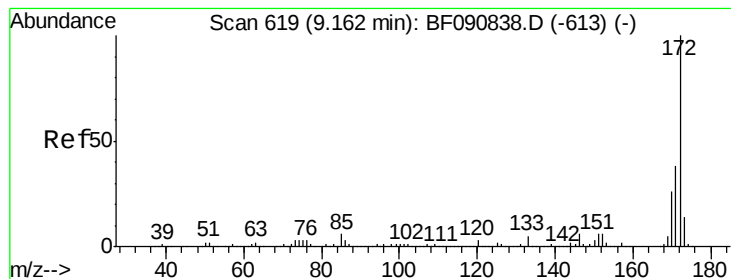


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

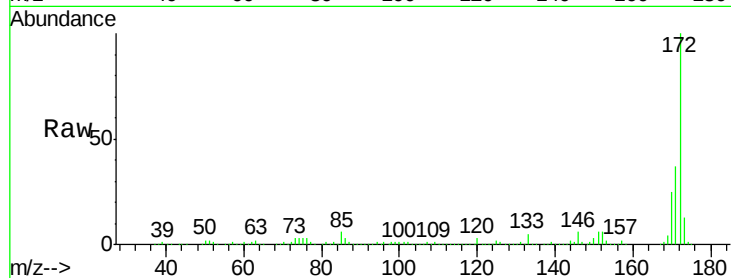




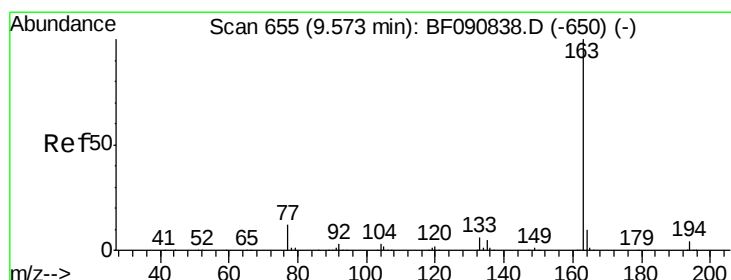
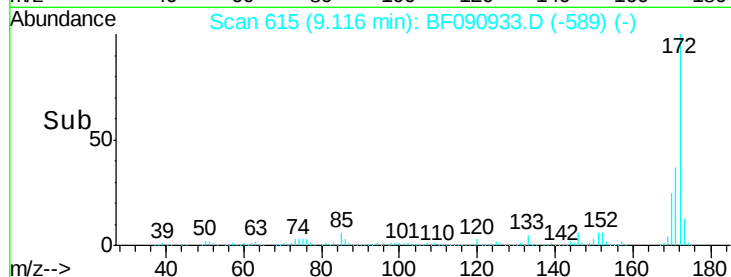
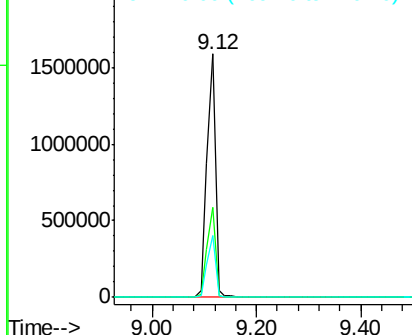
#44
 2-Fluorobiphenyl
 Concen: 111.83 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090933.D
 Acq: 31 Oct 2016 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6-8)

Tgt Ion:172 Resp: 1795794
 Ion Ratio Lower Upper
 172 100
 171 37.0 26.1 39.1
 170 25.2 17.4 26.2

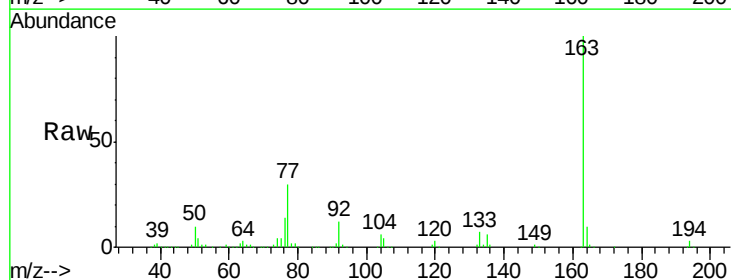


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

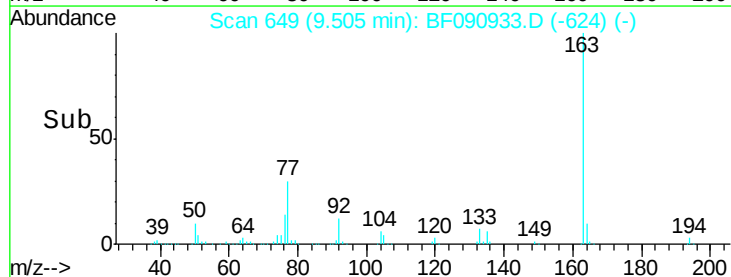
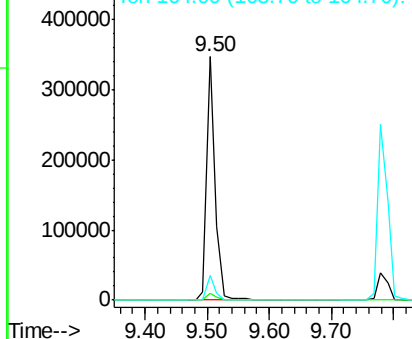


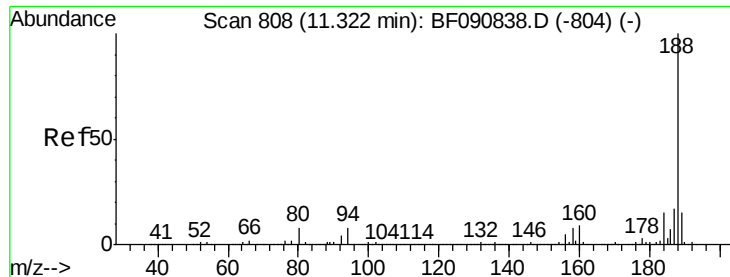
#49
 Dimethylphthalate
 Concen: 17.59 ng
 RT: 9.50 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF090933.D
 Acq: 31 Oct 2016 17:32

Tgt Ion:163 Resp: 331328
 Ion Ratio Lower Upper
 163 100
 194 2.9 4.4 6.6#
 164 10.3 8.3 12.5



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

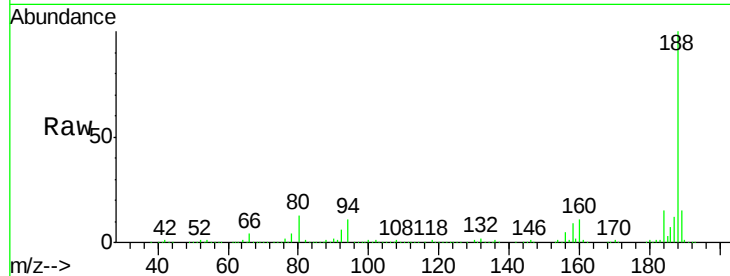




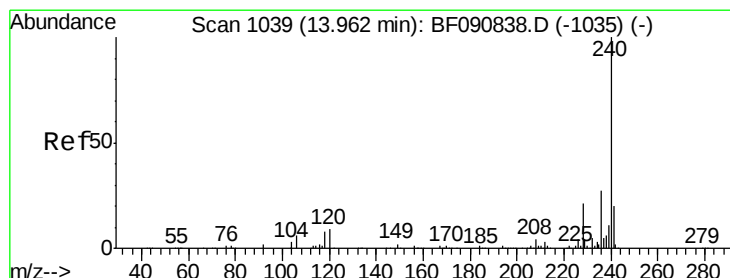
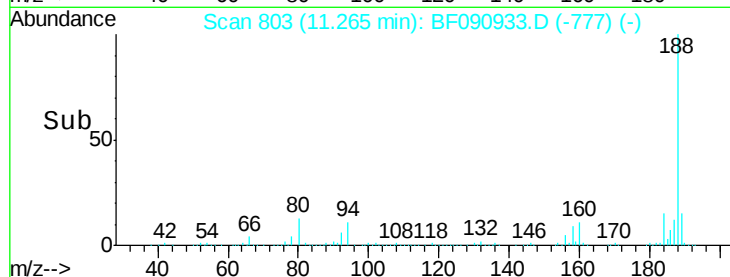
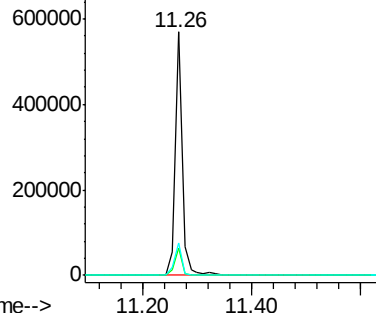
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF090933.D
 Acq: 31 Oct 2016 17:32

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(6-8)

Tgt Ion:188 Resp: 506770
 Ion Ratio Lower Upper
 188 100
 94 11.3 11.1 16.7
 80 13.2 11.0 16.4

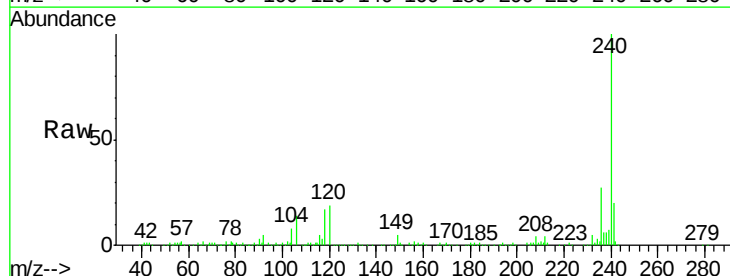


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

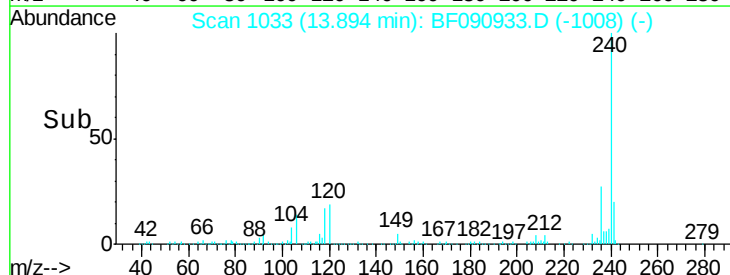
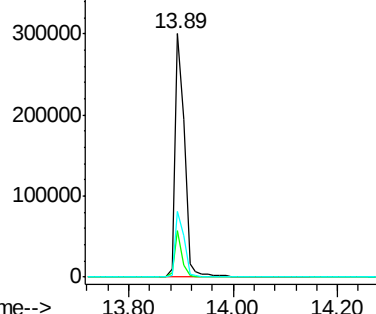


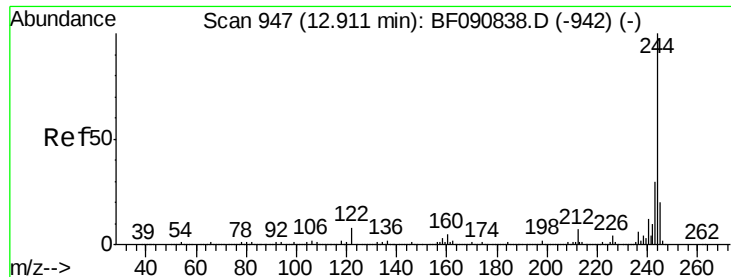
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF090933.D
 Acq: 31 Oct 2016 17:32

Tgt Ion:240 Resp: 377918
 Ion Ratio Lower Upper
 240 100
 120 19.3 16.2 24.2
 236 27.1 18.4 27.6



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: 107.98 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

Instrument :

BNA_F

ClientSampleId :

SB-3(6-8)

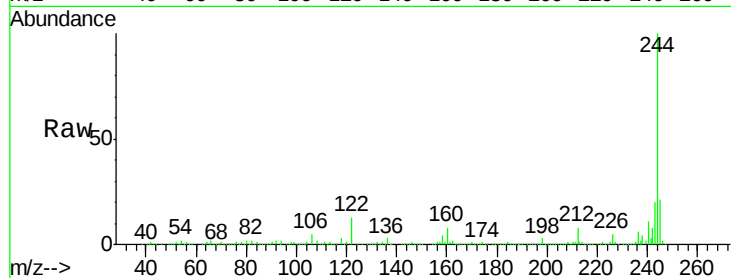
Tgt Ion:244 Resp: 1619793

Ion Ratio Lower Upper

244 100

212 7.5 4.3 6.5#

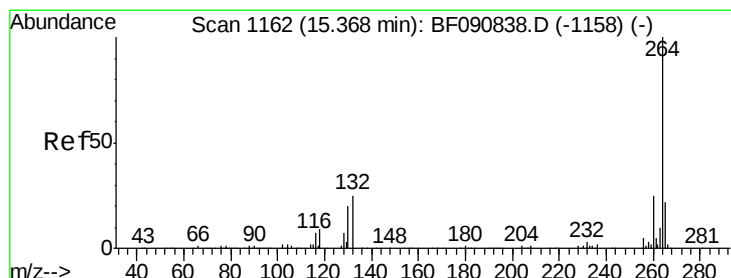
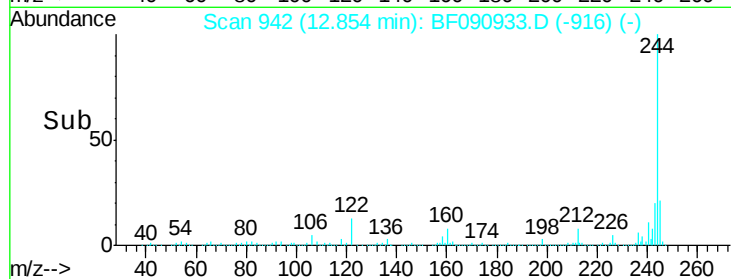
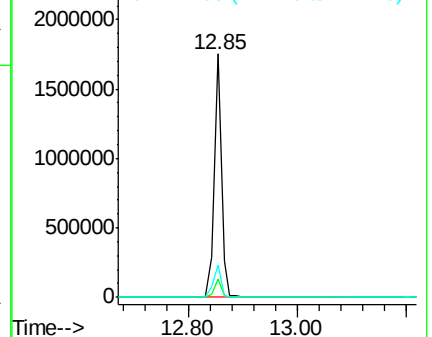
122 13.2 17.4 26.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF090933.D

Acq: 31 Oct 2016 17:32

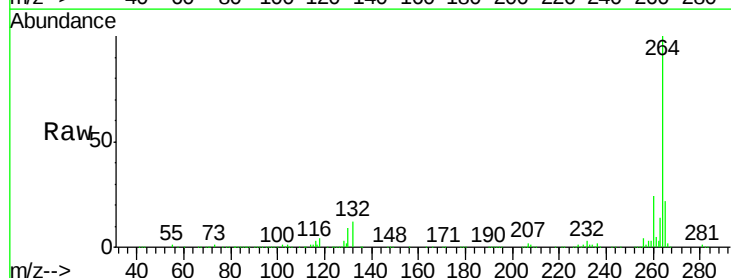
Tgt Ion:264 Resp: 307281

Ion Ratio Lower Upper

264 100

260 24.1 16.7 25.1

265 21.7 17.2 25.8



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

