

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091282.D
 Acq On : 23 Nov 2016 18:39
 Operator : UM/SJ
 Sample : H5718-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PHOENIX-BPM

Quant Time: Nov 23 19:02:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

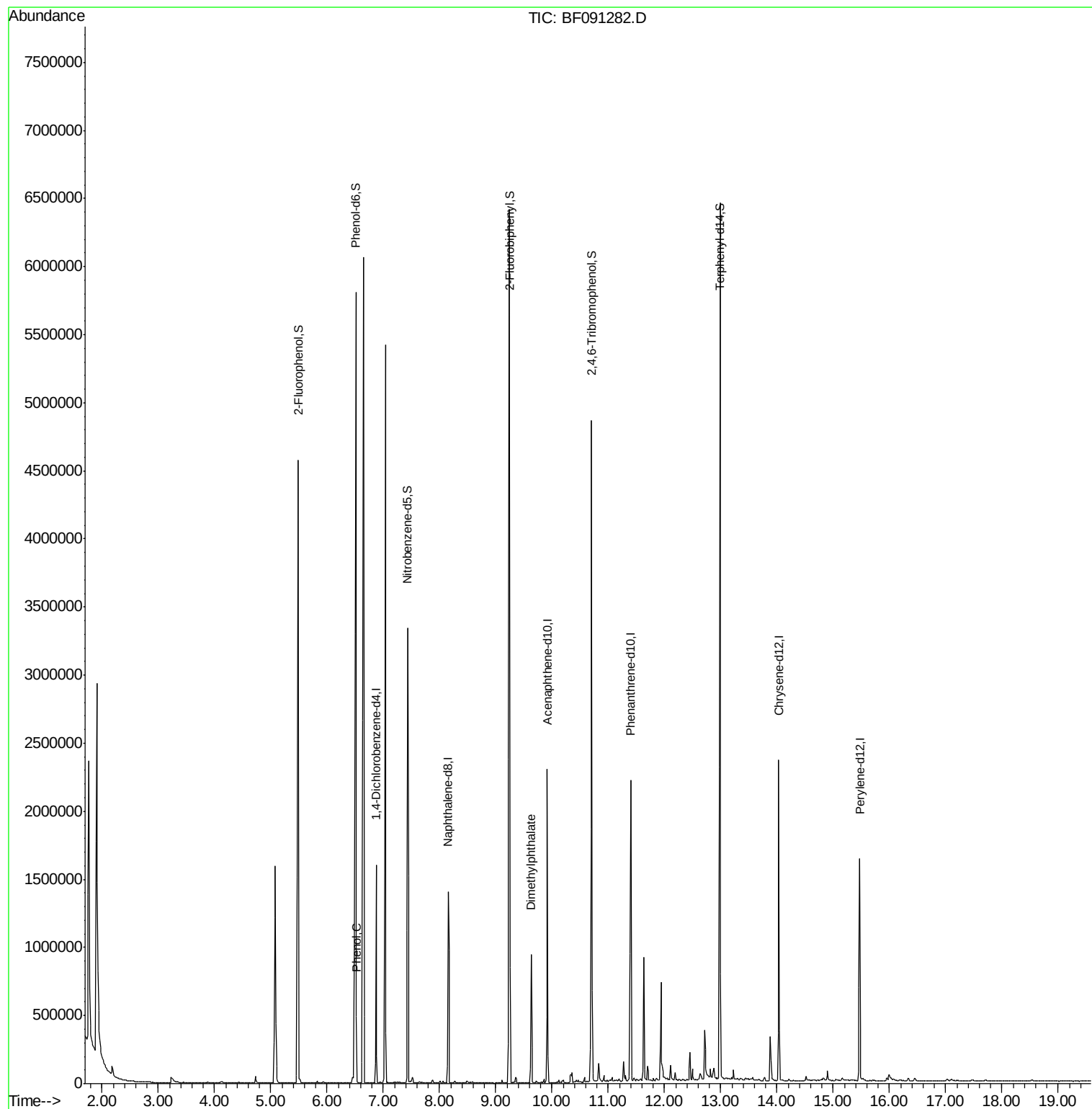
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	206941	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	833609	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	500156	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	899367	20.00	ng	0.00
75) Chrysene-d12	14.03	240	816456	20.00	ng	-0.01
86) Perylene-d12	15.47	264	748304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1850400	143.67	ng	0.02
7) Phenol-d6	6.51	99	2207356	133.39	ng	0.01
23) Nitrobenzene-d5	7.44	82	1311625	90.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	638078	126.51	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2245302	73.51	ng	0.00
78) Terphenyl-d14	12.99	244	2154167	60.26	ng	0.00
Target Compounds						
10) Phenol	6.52	94	131576	7.13	ng	76
49) Dimethylphthalate	9.63	163	387471	12.41	ng	98

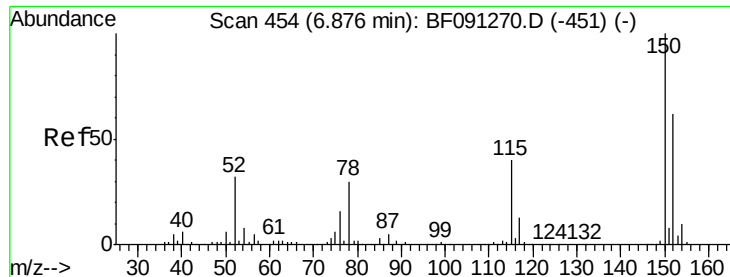
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 23 13:22:53 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

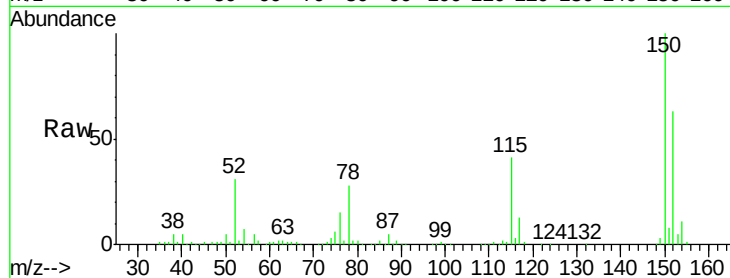
Tgt Ion:152 Resp: 206941

Ion Ratio Lower Upper

152 100

150 158.9 122.5 183.7

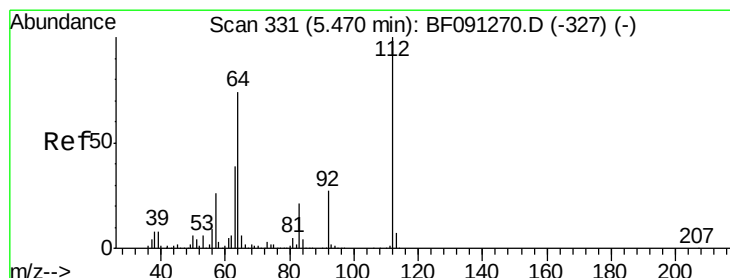
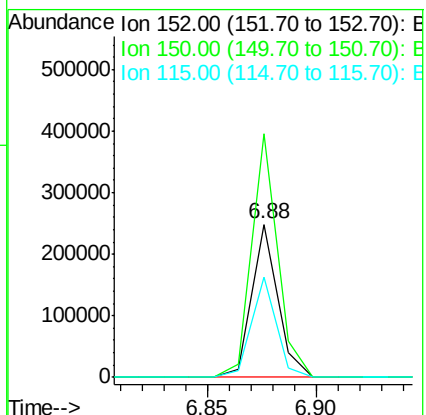
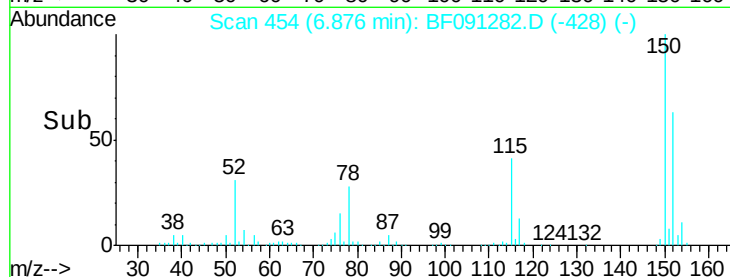
115 65.4 51.8 77.8



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: 143.67 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

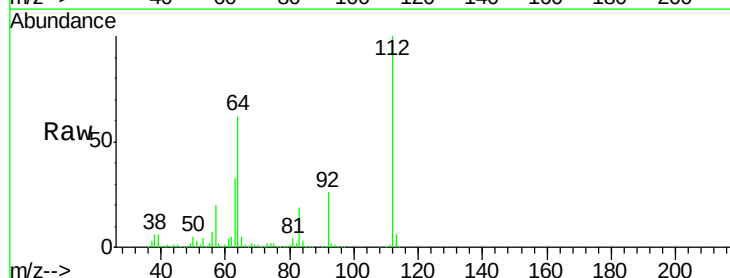
Tgt Ion:112 Resp: 1850400

Ion Ratio Lower Upper

112 100

64 62.3 61.5 92.3

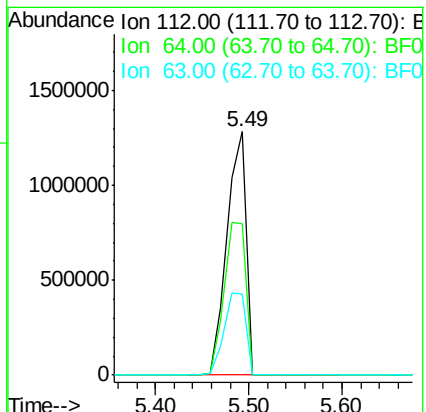
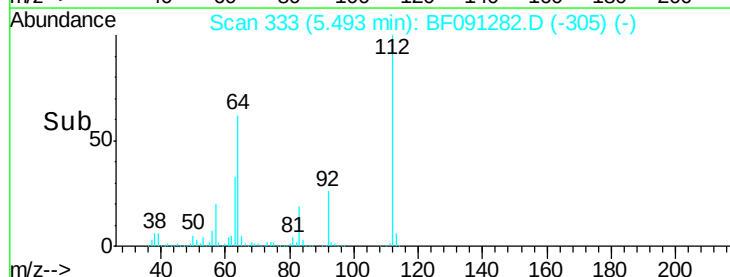
63 33.1 33.3 49.9#

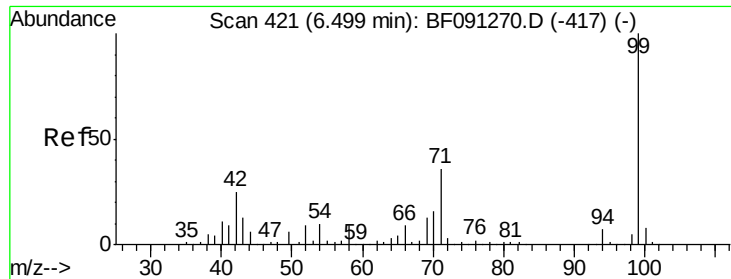


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.39 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

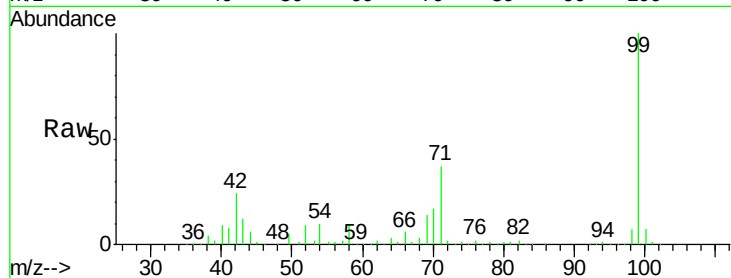
Tgt Ion: 99 Resp: 2207356

Ion Ratio Lower Upper

99 100

42 23.5 20.6 31.0

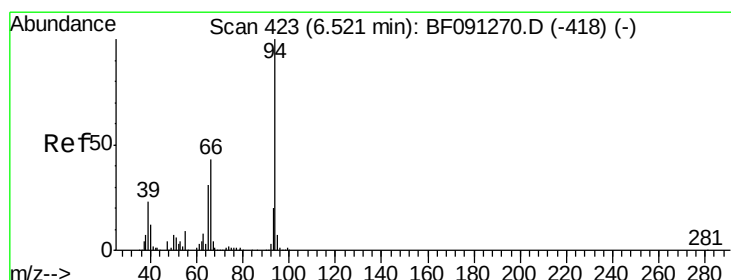
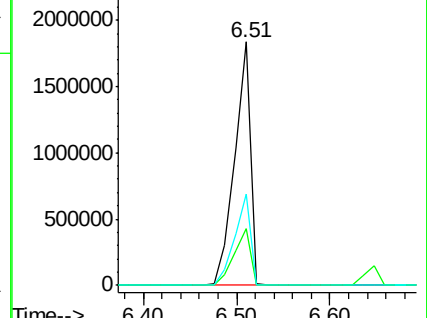
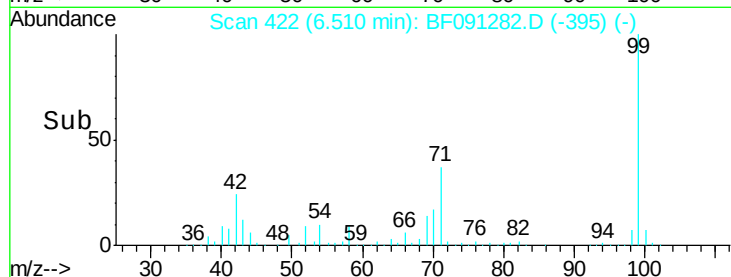
71 37.5 29.9 44.9



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: 7.13 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

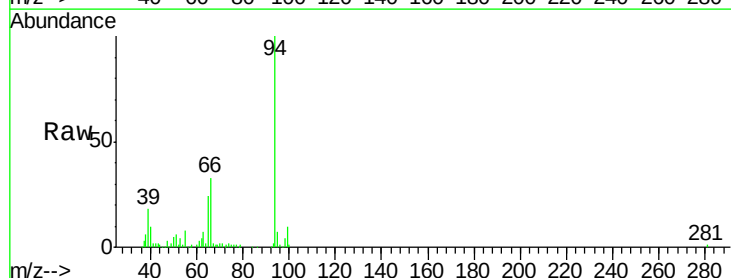
Tgt Ion: 94 Resp: 131576

Ion Ratio Lower Upper

94 100

65 24.4 16.9 56.9

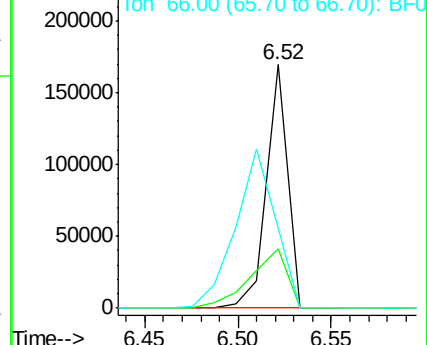
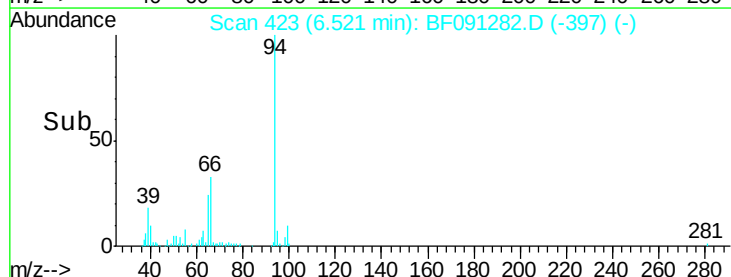
66 32.8 30.6 70.6

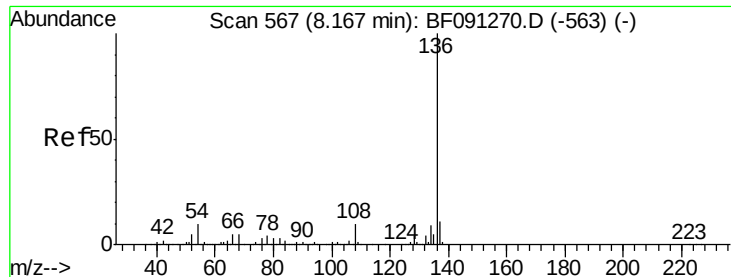


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.16 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

BNA_F

ClientSampleId :

PHOENIX-BPM

Tgt Ion:136 Resp: 833609

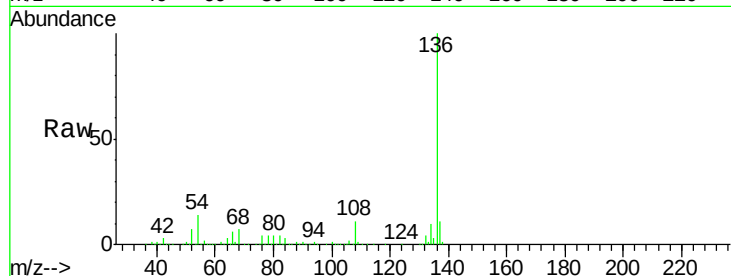
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 13.8 9.1 13.7#

68 6.7 5.9 8.9

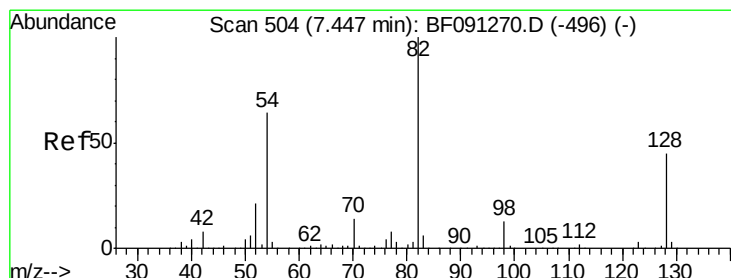
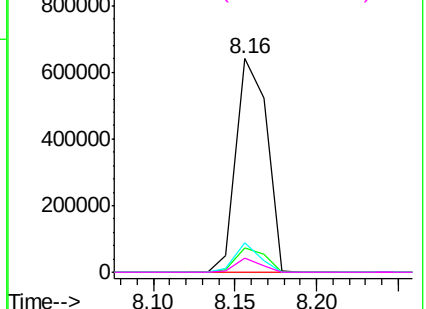
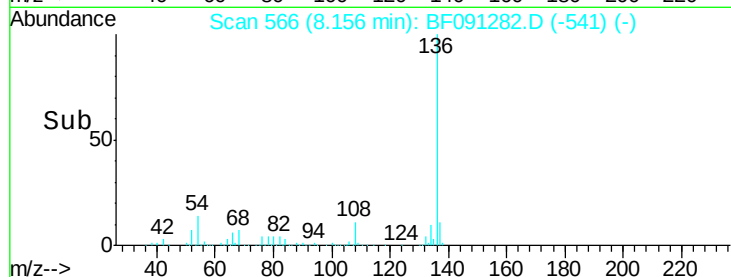


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.58 ng

RT: 7.44 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

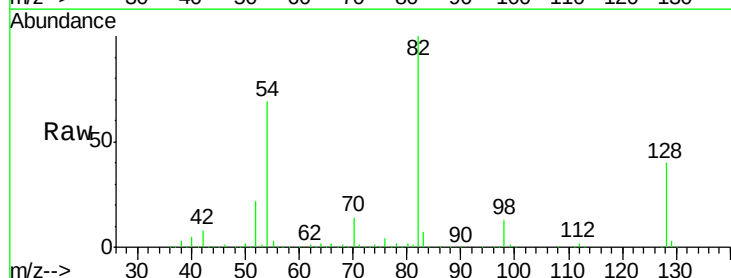
Tgt Ion: 82 Resp: 1311625

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

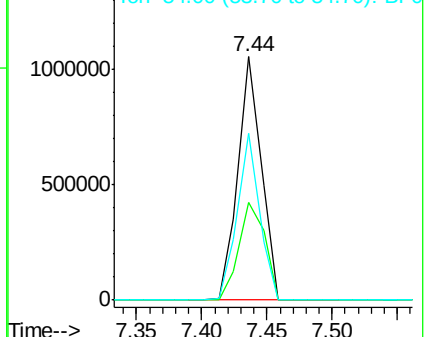
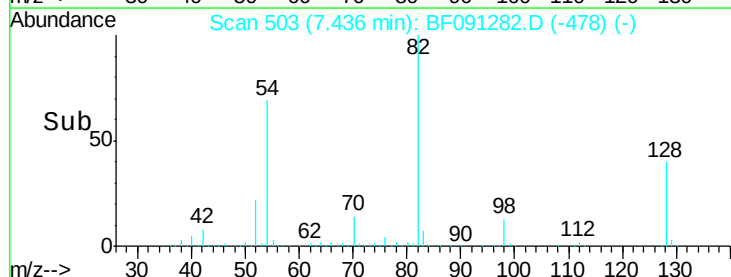
54 68.5 49.1 73.7

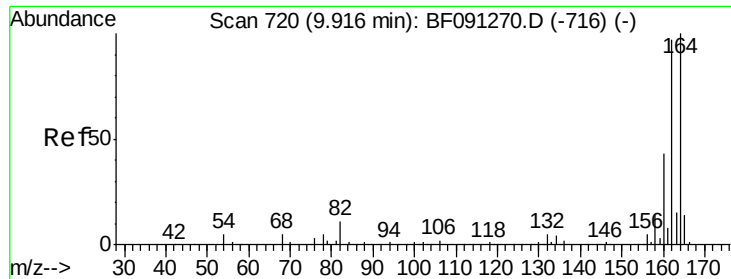


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

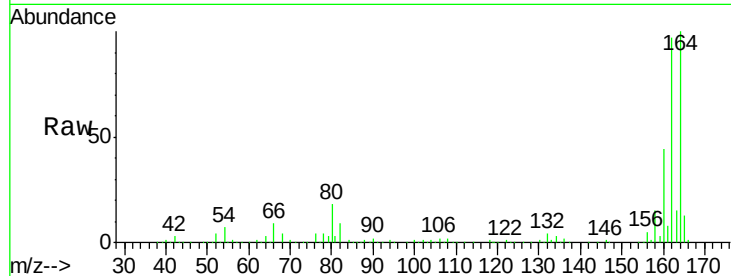




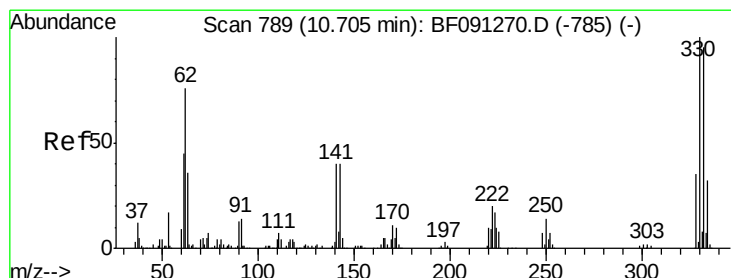
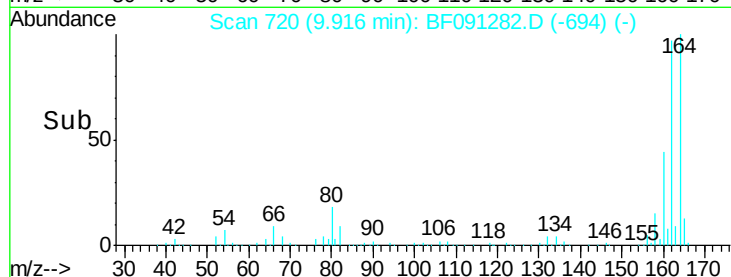
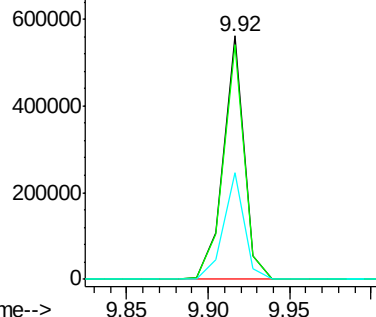
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tgt Ion:164 Resp: 500156
Ion Ratio Lower Upper
164 100
162 96.6 82.6 124.0
160 43.6 36.7 55.1

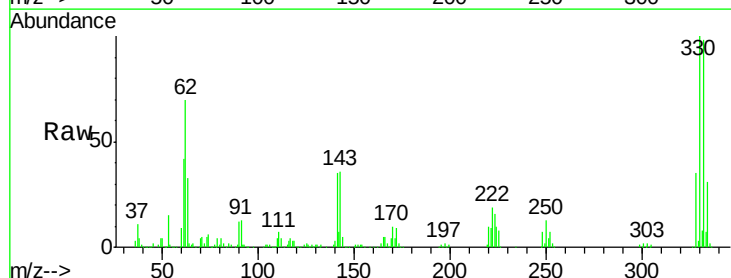


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

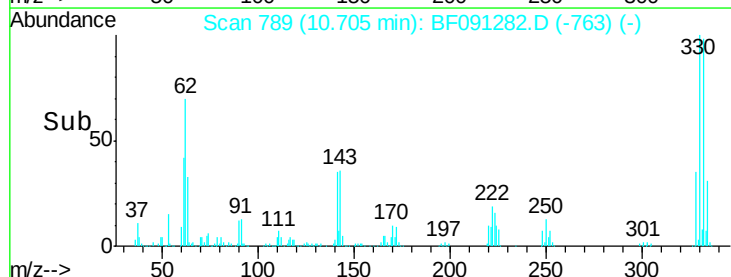
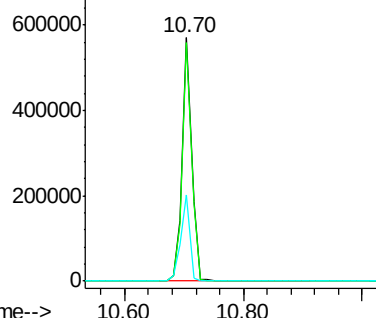


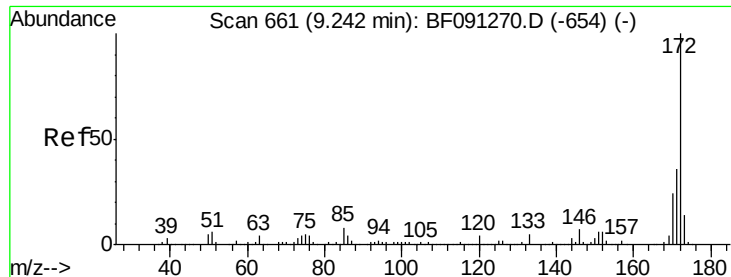
#41
2,4,6-Tribromophenol
Concen: 126.51 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Tgt Ion:330 Resp: 638078
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 33.2 33.6 50.4#



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

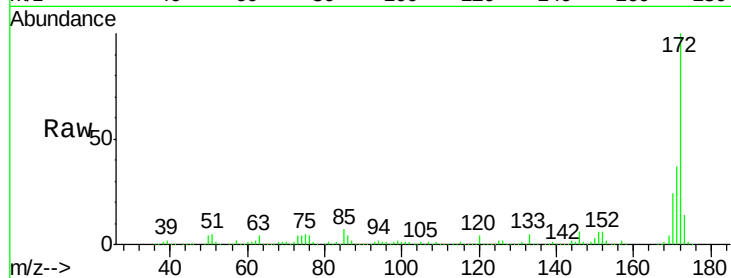




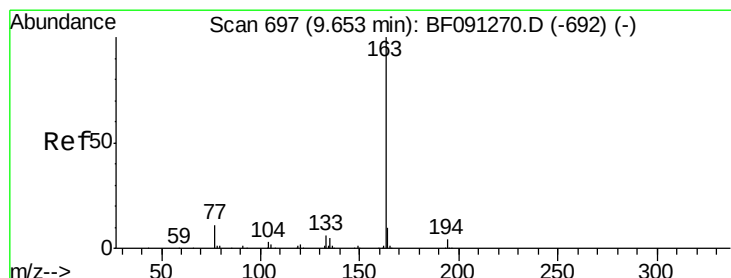
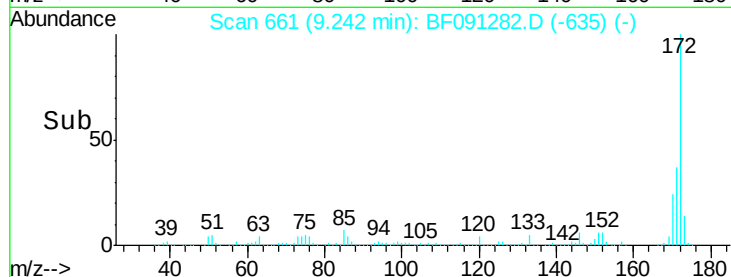
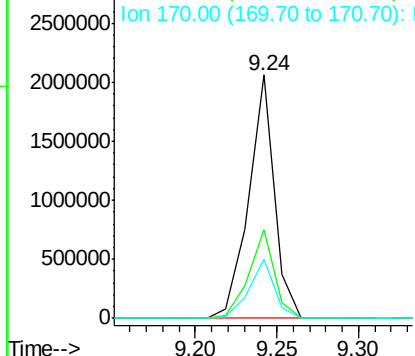
#44
2-Fluorobiphenyl
Concen: 73.51 ng
RT: 9.24 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tgt Ion:172 Resp: 2245302
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 24.4 19.7 29.5

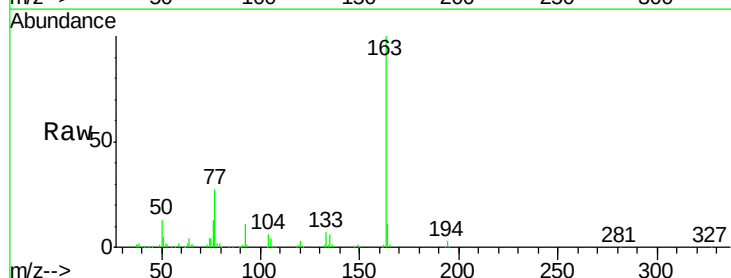


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

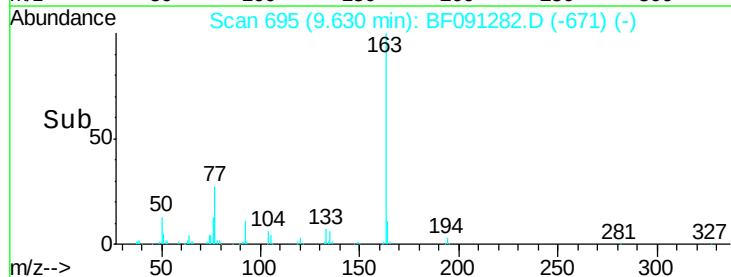
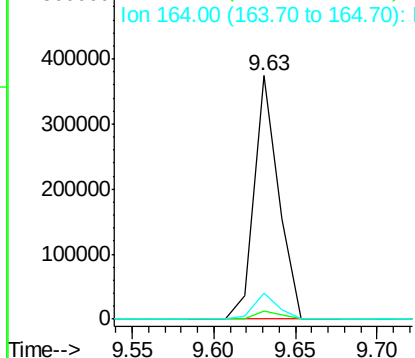


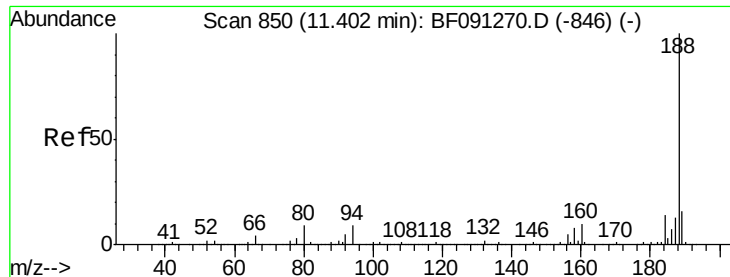
#49
Dimethylphthalate
Concen: 12.41 ng
RT: 9.63 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Tgt Ion:163 Resp: 387471
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.6 7.8 11.8



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

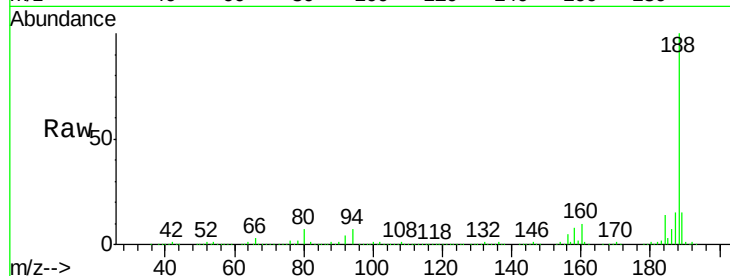




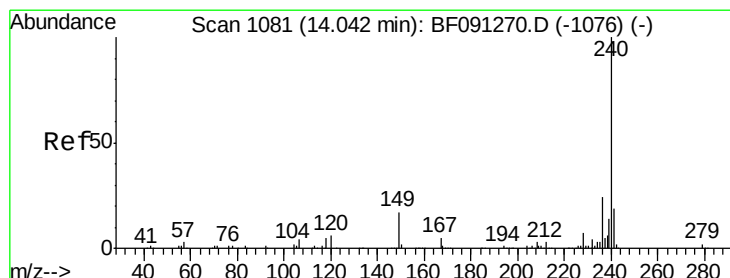
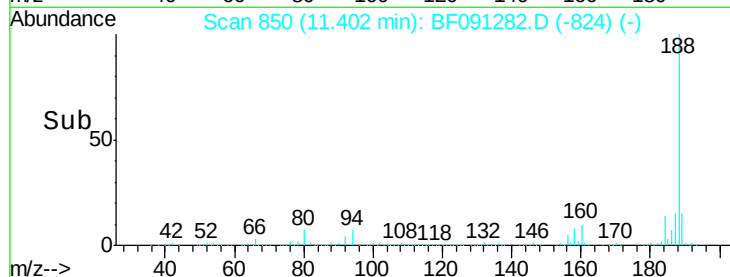
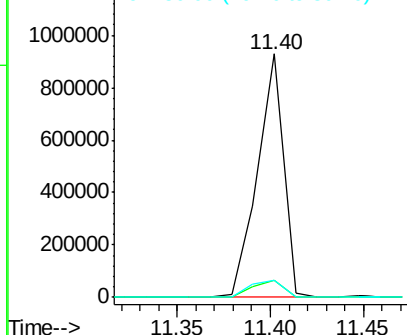
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Instrument :
BNA_F
ClientSampleId :
PHOENIX-BPM

Tgt Ion:188 Resp: 899367
Ion Ratio Lower Upper
188 100
94 7.1 9.2 13.8#
80 7.2 10.5 15.7#

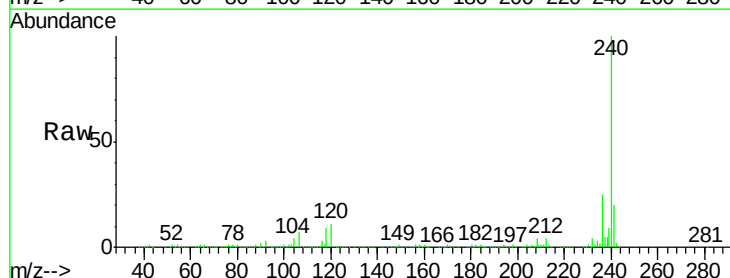


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

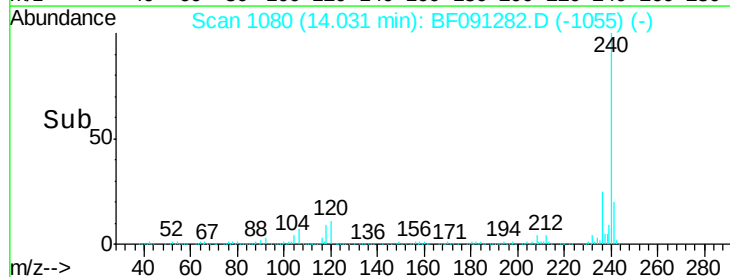
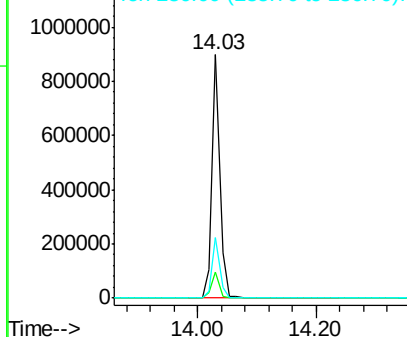


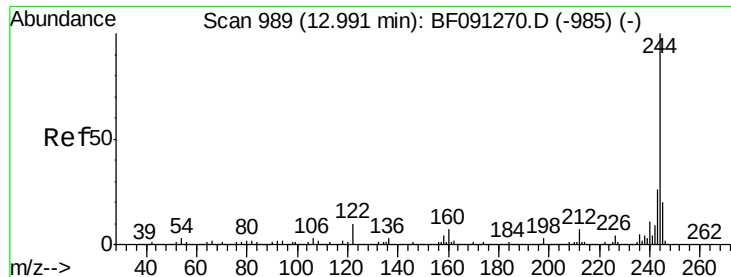
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091282.D
Acq: 23 Nov 2016 18:39

Tgt Ion:240 Resp: 816456
Ion Ratio Lower Upper
240 100
120 10.8 12.1 18.1#
236 24.7 21.0 31.6



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: 60.26 ng

RT: 12.99 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Instrument :

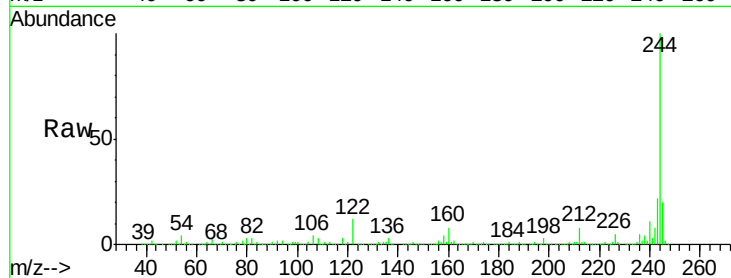
BNA_F

ClientSampleId :

PHOENIX-BPM

Tgt Ion:244 Resp: 2154167

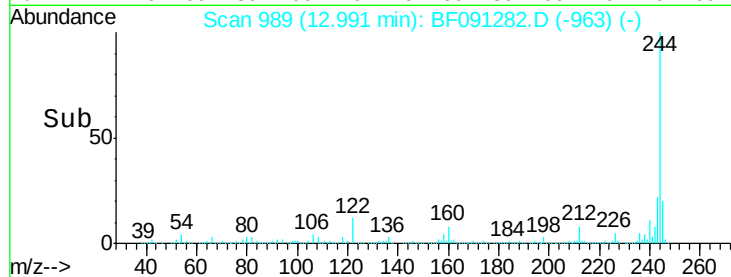
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.5	9.5	14.3



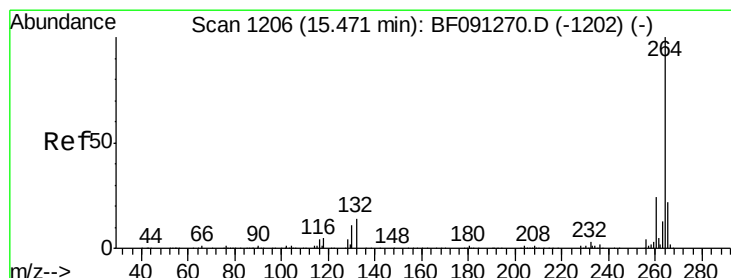
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.47 min Scan# 1206

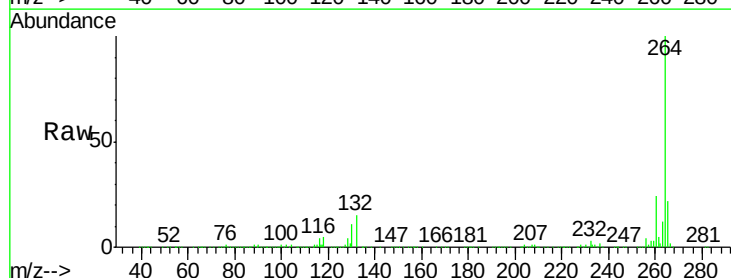
Delta R.T. -0.00 min

Lab File: BF091282.D

Acq: 23 Nov 2016 18:39

Tgt Ion:264 Resp: 748304

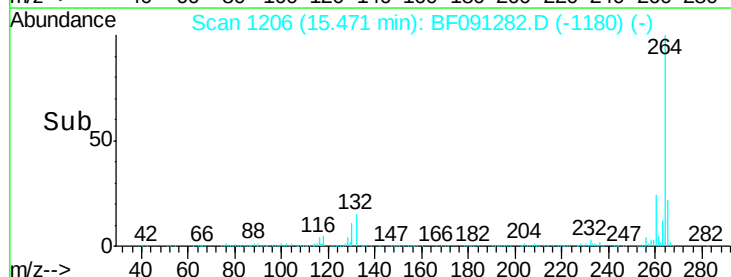
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.1	17.0	25.6



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



Time-->