

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091046.D
 Acq On : 5 Nov 2016 3:03
 Operator : UM/SJ
 Sample : H5502-07RE
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0RE

Quant Time: Nov 05 03:01:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

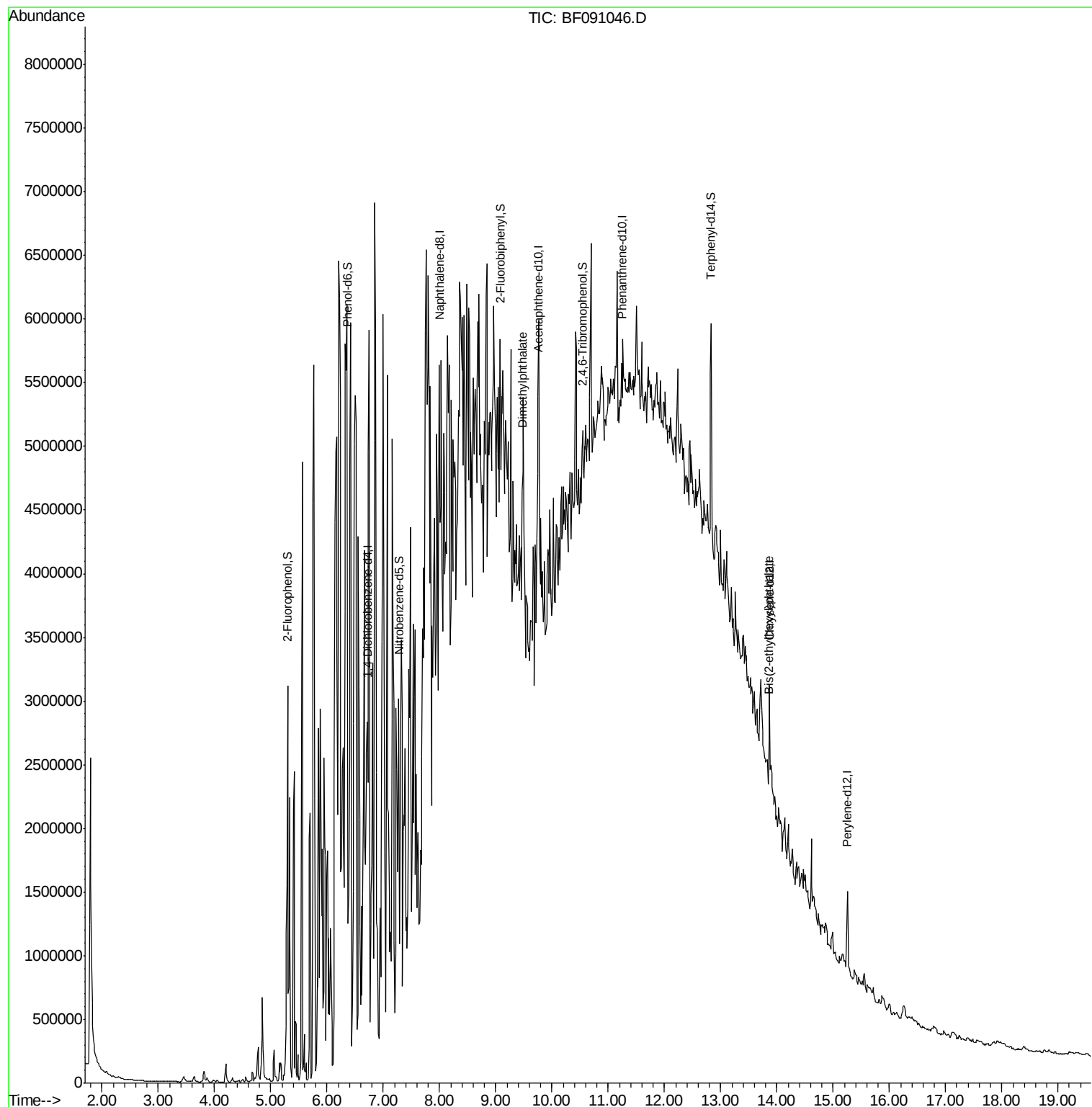
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141063	20.00	ng	0.01
21) Naphthalene-d8	8.00	136	451492	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	265817	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	309922	20.00	ng	0.01
75) Chrysene-d12	13.87	240	360319	20.00	ng	0.01
86) Perylene-d12	15.25	264	285916	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	965595	113.05	ng	0.01
7) Phenol-d6	6.36	99	922685	79.59	ng	0.01
23) Nitrobenzene-d5	7.28	82	707848	85.52	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	252018	104.87	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	905020	58.62	ng	0.01
78) Terphenyl-d14	12.83	244	926954	64.20	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.48	163	337800	19.38	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.86	149	34214	2.24	ng	# 84

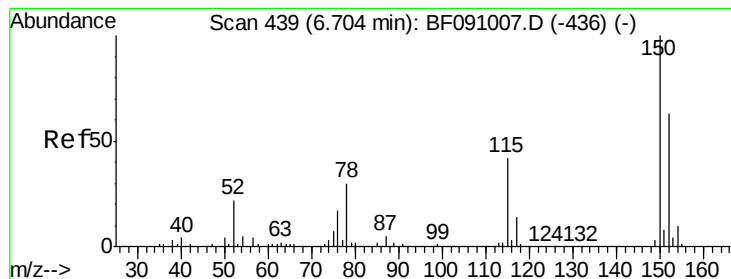
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 11:03:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF091046.D

Acq: 5 Nov 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SB-82-4.5-5.0RE

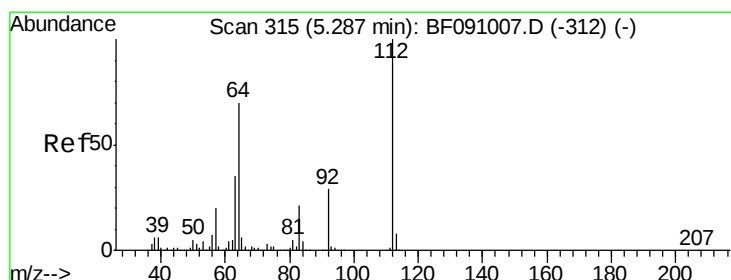
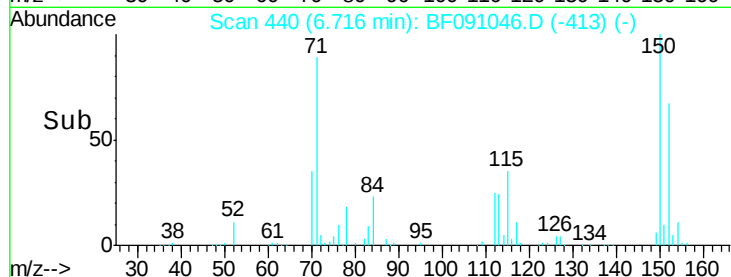
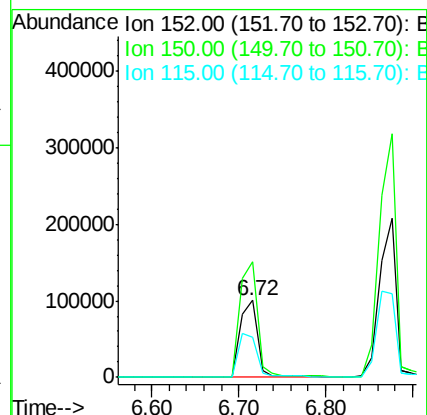
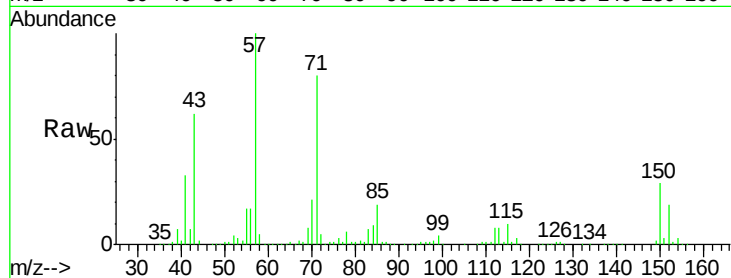
Tgt Ion:152 Resp: 141063

Ion Ratio Lower Upper

152 100

150 149.2 126.8 190.2

115 52.3 53.3 79.9#



#5

2-Fluorophenol

Concen: 113.05 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091046.D

Acq: 5 Nov 2016 3:03

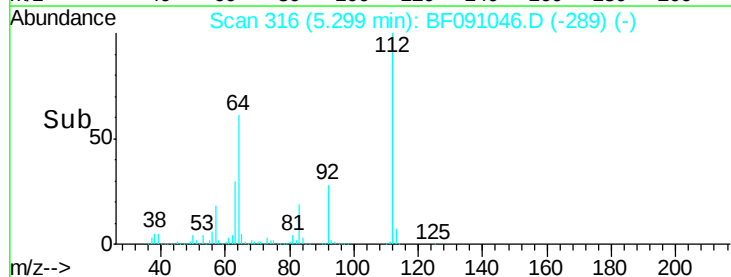
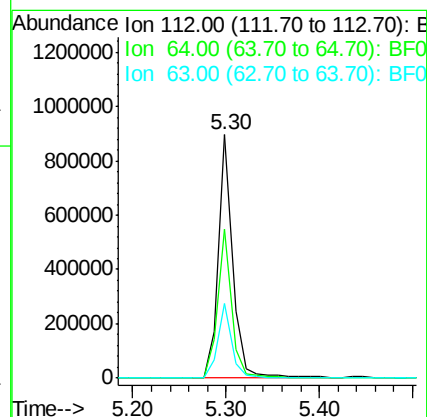
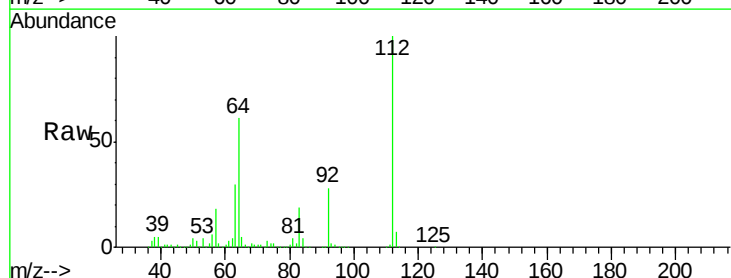
Tgt Ion:112 Resp: 965595

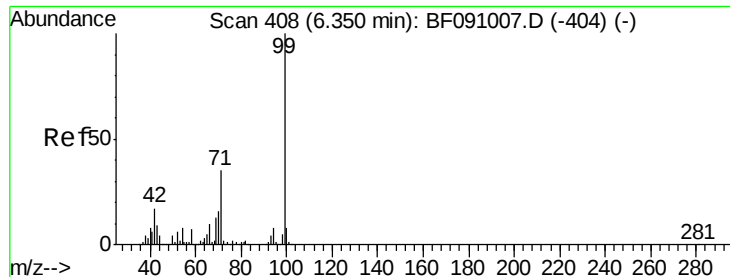
Ion Ratio Lower Upper

112 100

64 61.3 55.8 83.6

63 30.5 28.0 42.0





#7

Phenol-d6

Concen: 79.59 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF091046.D

Acq: 5 Nov 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SB-82-4.5-5.0RE

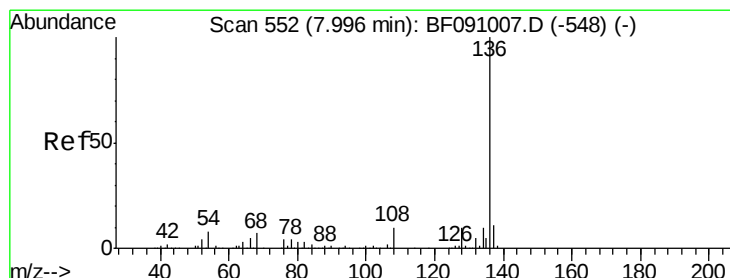
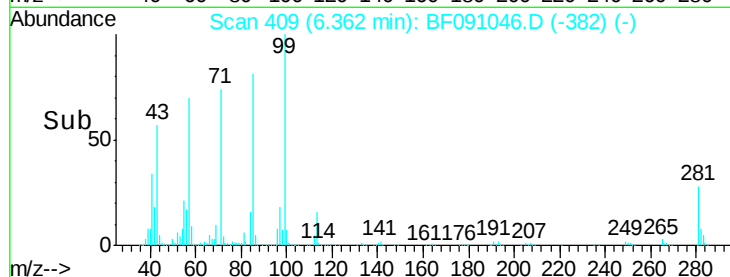
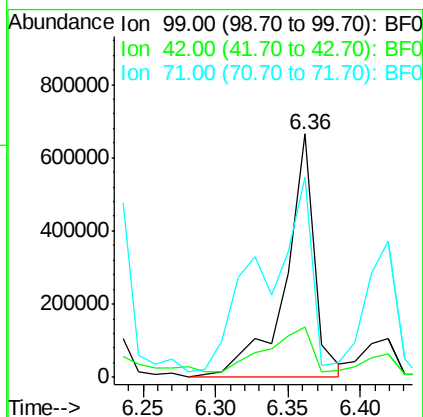
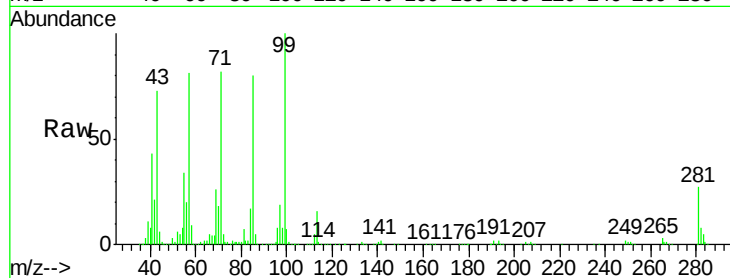
Tgt Ion: 99 Resp: 922685

Ion Ratio Lower Upper

99 100

42 20.6 13.9 20.9

71 82.2 27.8 41.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF091046.D

Acq: 5 Nov 2016 3:03

Tgt Ion: 136 Resp: 451492

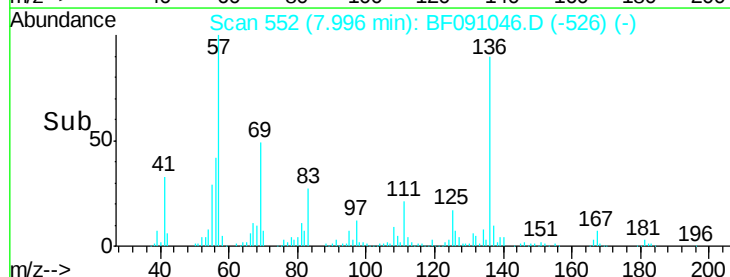
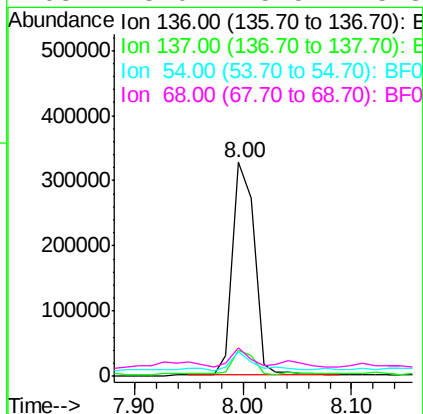
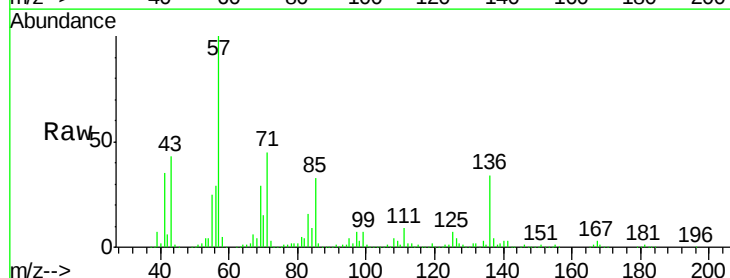
Ion Ratio Lower Upper

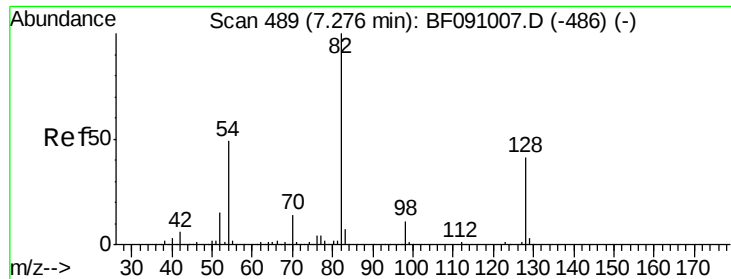
136 100

137 11.9 8.9 13.3

54 11.5 6.2 9.2#

68 13.0 5.5 8.3#

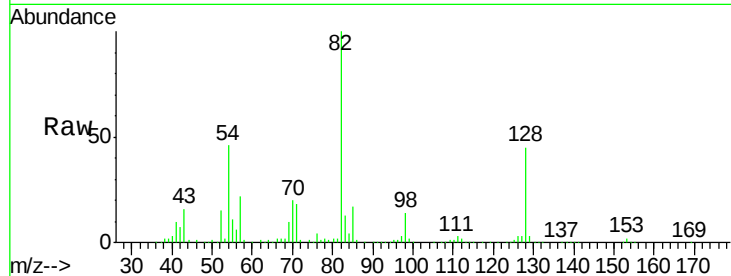




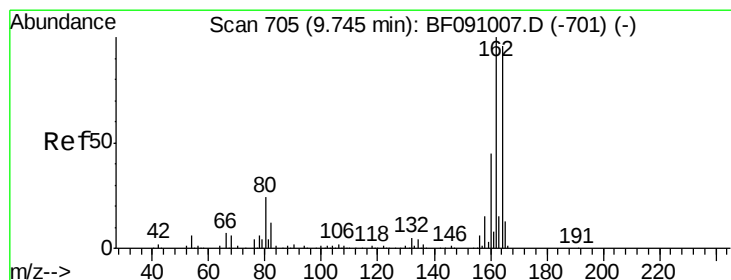
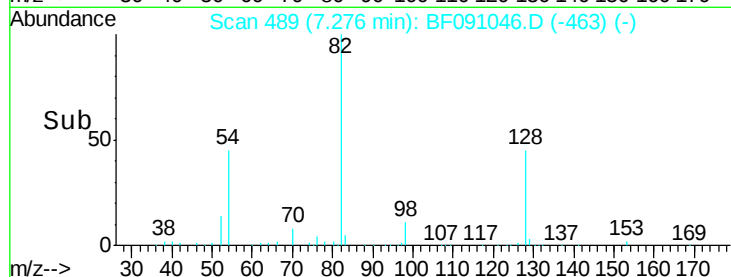
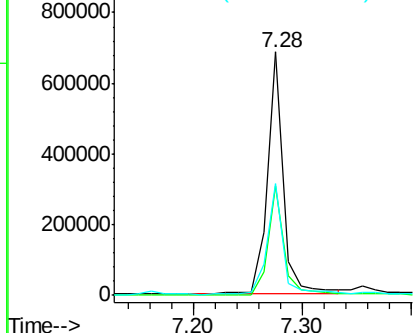
#23
 Nitrobenzene-d5
 Concen: 85.52 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091046.D
 Acq: 5 Nov 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0RE

Tgt Ion: 82 Resp: 707848
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.4 48.6
 54 46.0 39.2 58.8

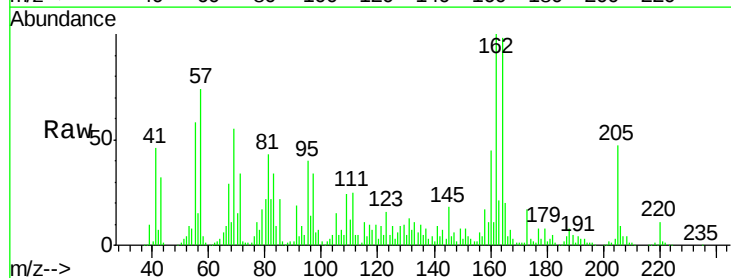


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

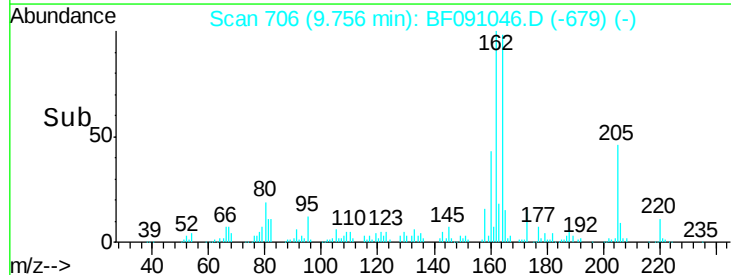
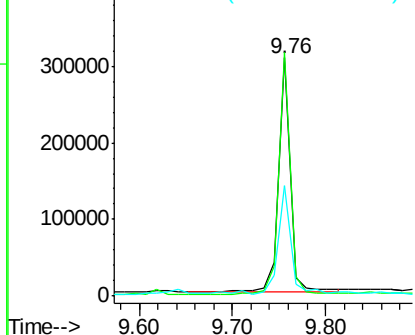


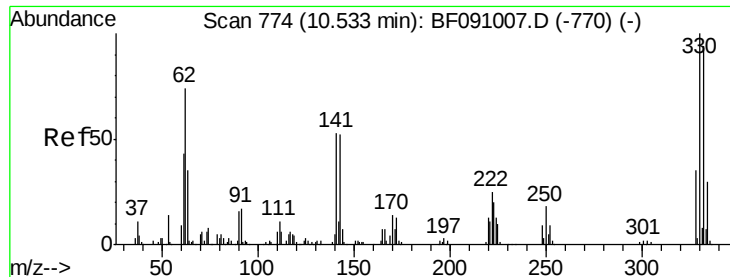
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: BF091046.D
 Acq: 5 Nov 2016 3:03

Tgt Ion: 164 Resp: 265817
 Ion Ratio Lower Upper
 164 100
 162 102.1 83.6 125.4
 160 46.4 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

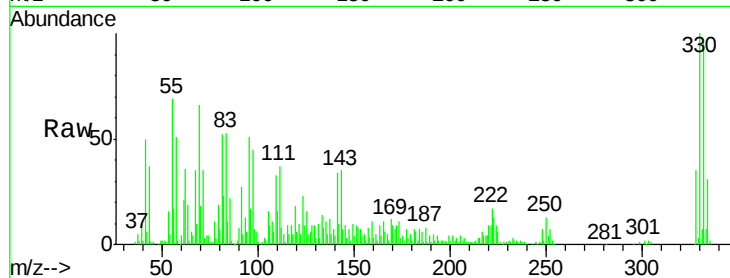




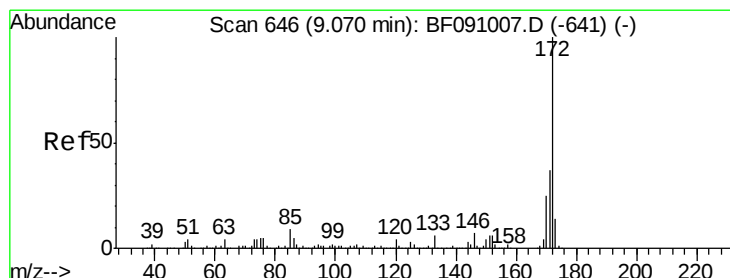
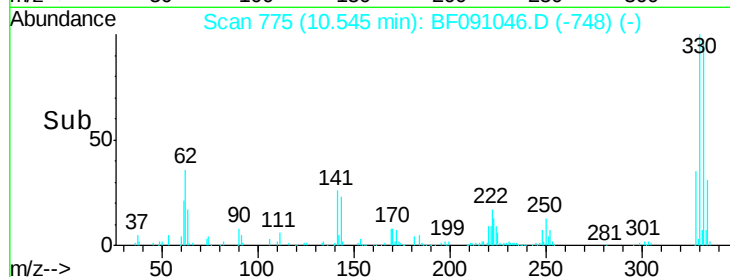
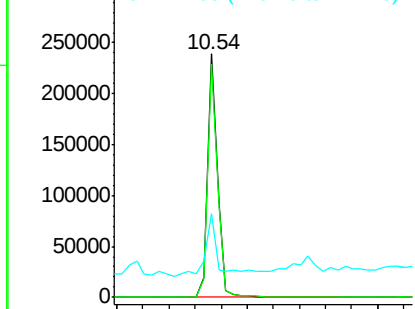
#41
 2,4,6-Tribromophenol
 Concen: 104.87 ng
 RT: 10.54 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF091046.D
 Acq: 5 Nov 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0RE

Tgt Ion:330 Resp: 252018
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.9 113.9
 141 27.0 36.1 54.1#

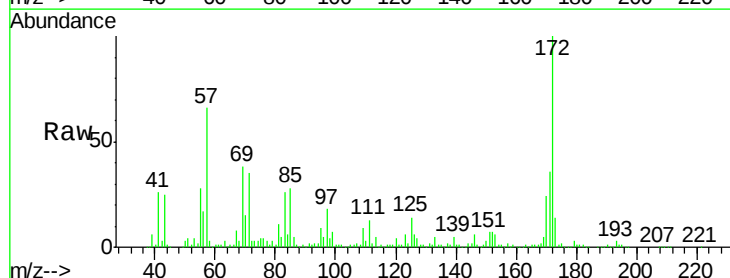


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

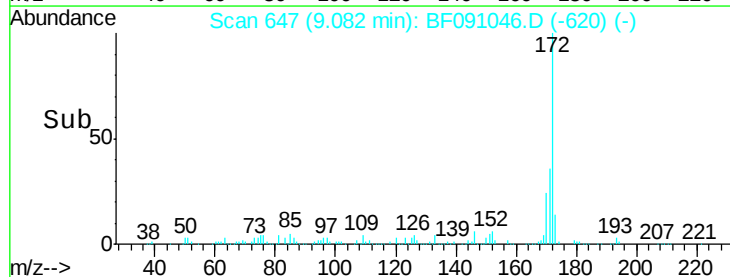
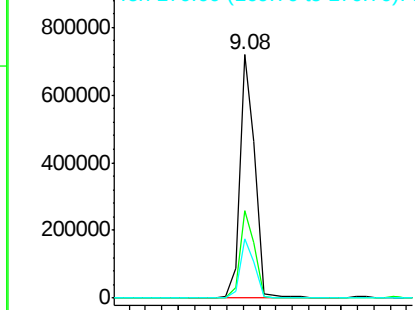


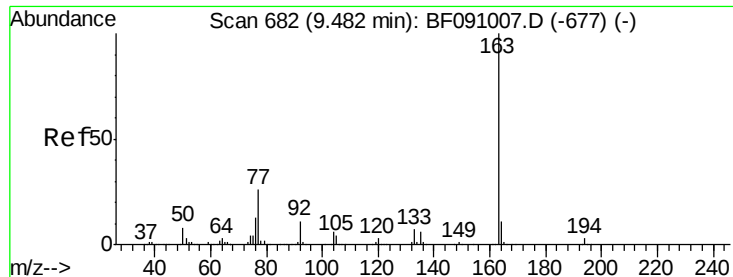
#44
 2-Fluorobiphenyl
 Concen: 58.62 ng
 RT: 9.08 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF091046.D
 Acq: 5 Nov 2016 3:03

Tgt Ion:172 Resp: 905020
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.8 44.6
 170 24.2 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

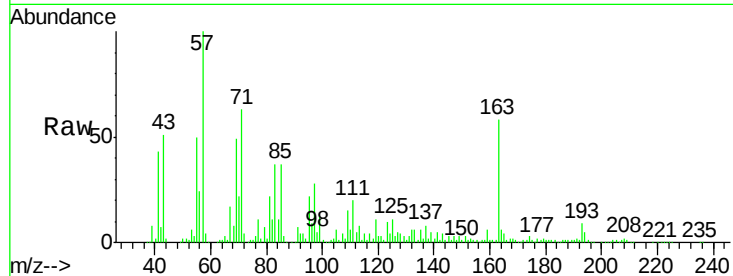




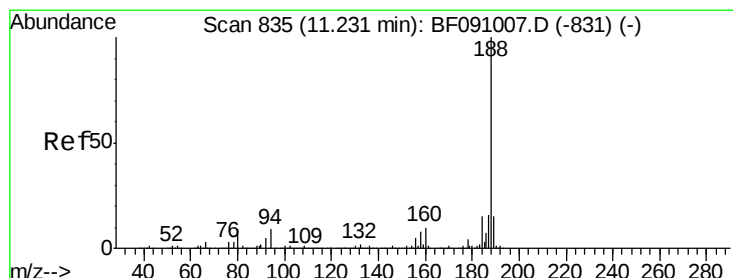
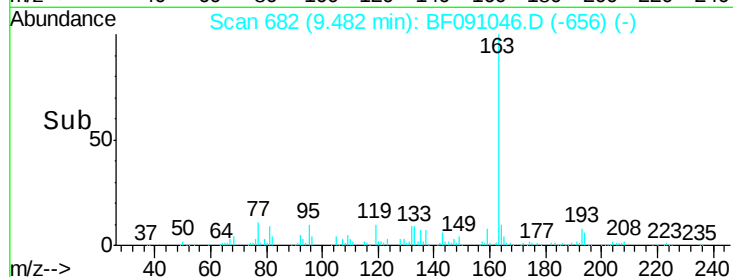
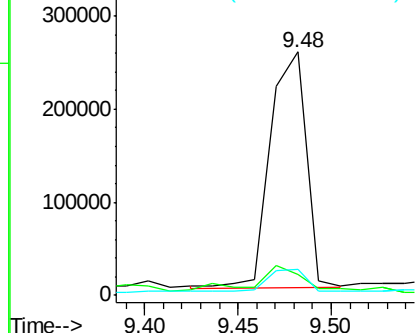
#49
Dimethylphthalate
Concen: 19.38 ng
RT: 9.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091046.D
Acq: 5 Nov 2016 3:03

Instrument :
BNA_F
ClientSampleId :
SB-82-4.5-5.0RE

Tgt Ion:163 Resp: 337800
Ion Ratio Lower Upper
163 100
194 8.5 2.6 4.0#
164 10.9 8.7 13.1

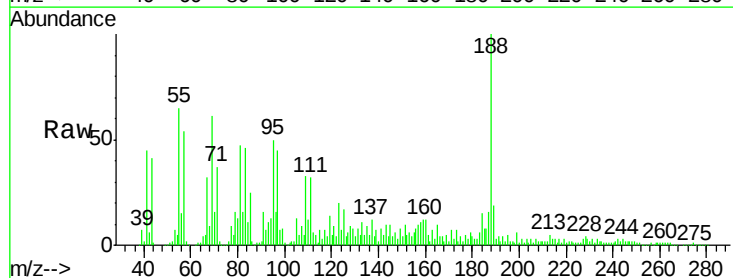


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

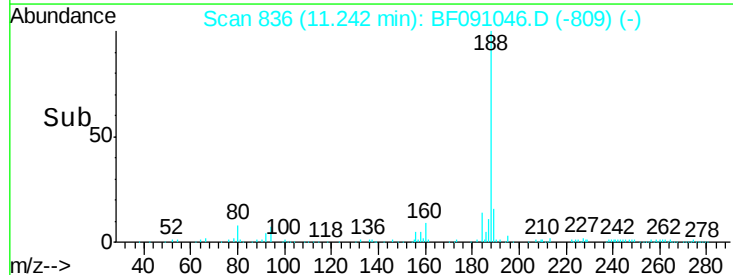
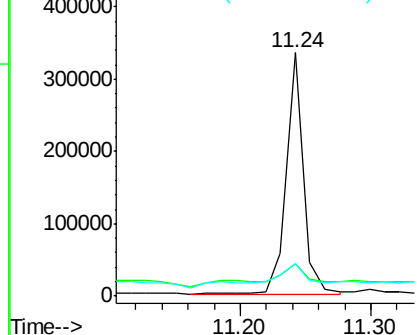


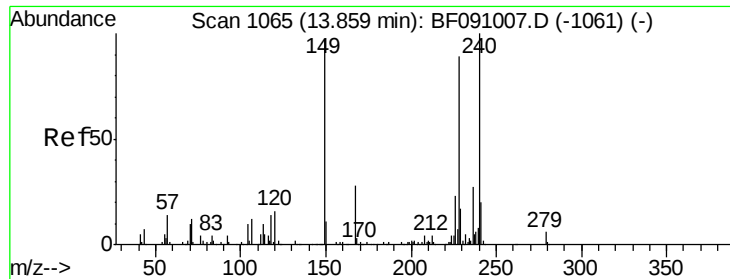
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF091046.D
Acq: 5 Nov 2016 3:03

Tgt Ion:188 Resp: 309922
Ion Ratio Lower Upper
188 100
94 13.2 7.0 10.4#
80 13.2 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: 13.87 min Scan# 1066

Delta R.T. 0.01 min

Lab File: BF091046.D

Acq: 5 Nov 2016 3:03

Instrument :

BNA_F

ClientSampleId :

SB-82-4.5-5.0RE

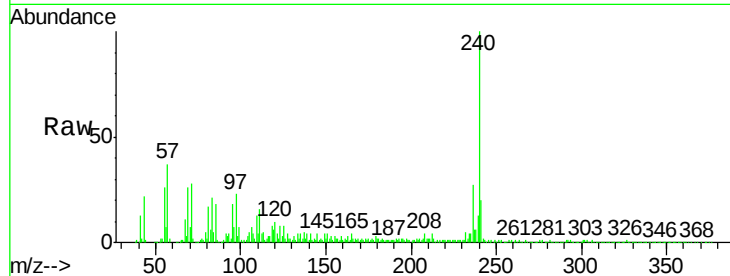
Tgt Ion:240 Resp: 360319

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

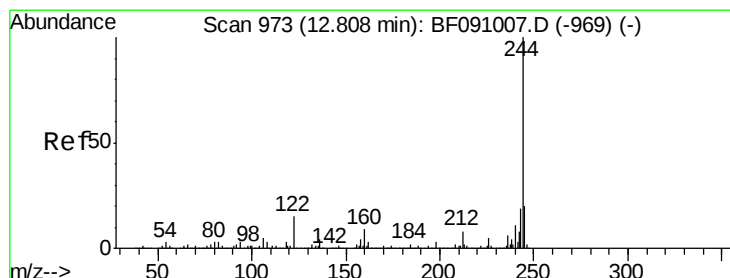
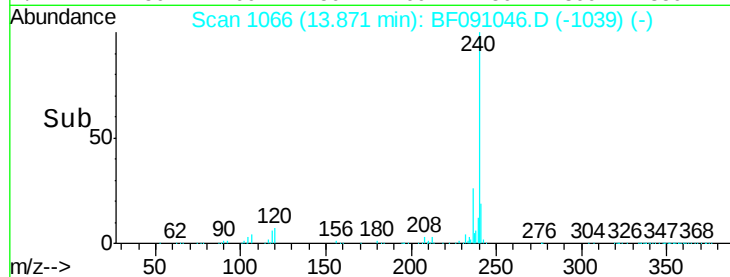
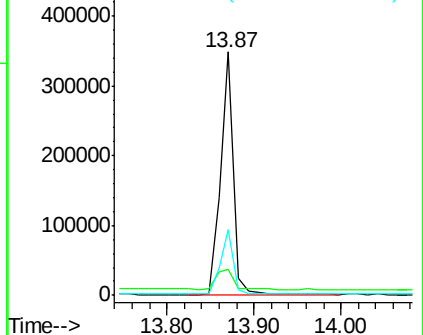
236 26.8 21.9 32.9



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: 64.20 ng

RT: 12.83 min Scan# 975

Delta R.T. 0.02 min

Lab File: BF091046.D

Acq: 5 Nov 2016 3:03

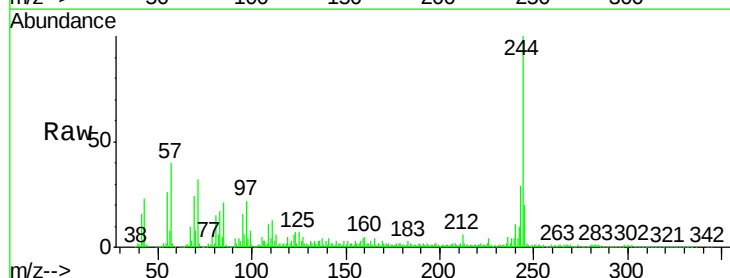
Tgt Ion:244 Resp: 926954

Ion Ratio Lower Upper

244 100

212 6.0 6.4 9.6#

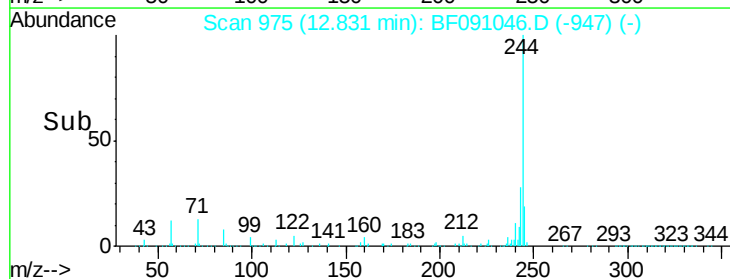
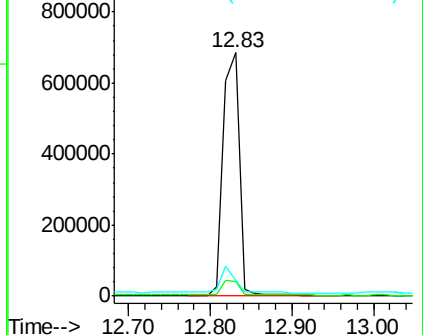
122 6.4 12.3 18.5#

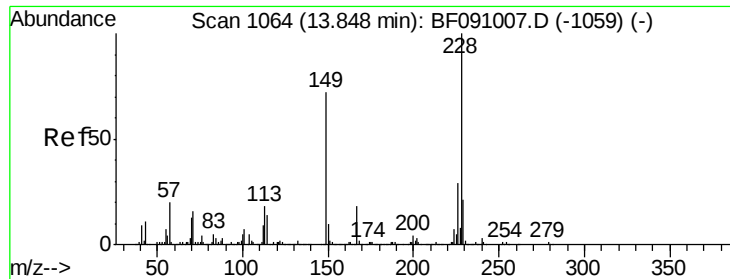


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

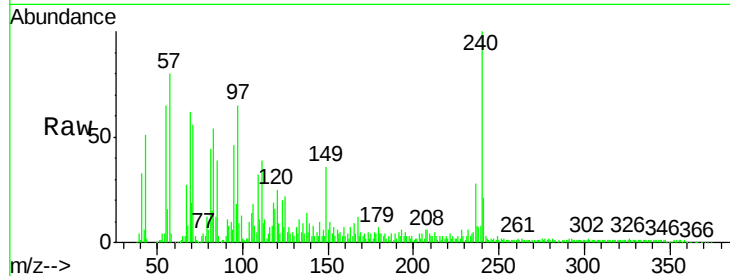




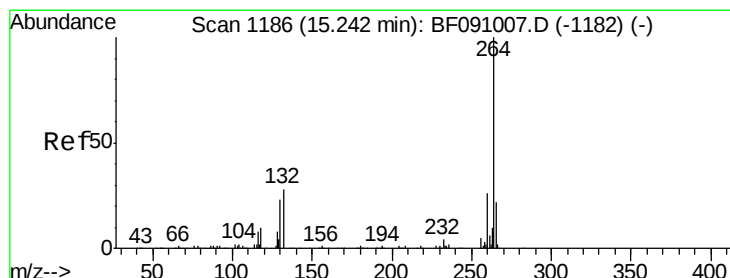
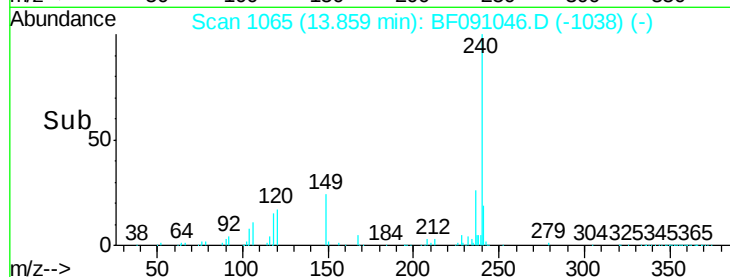
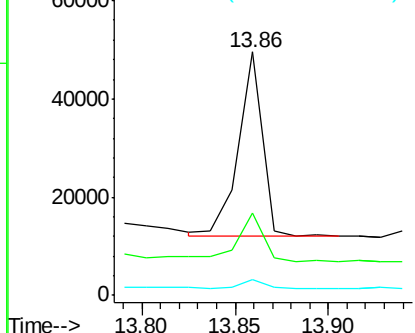
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.24 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. 0.01 min
 Lab File: BF091046.D
 Acq: 5 Nov 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-82-4.5-5.0RE

Tgt Ion:149 Resp: 34214
 Ion Ratio Lower Upper
 149 100
 167 33.9 20.4 30.6#
 279 6.5 1.6 2.4#

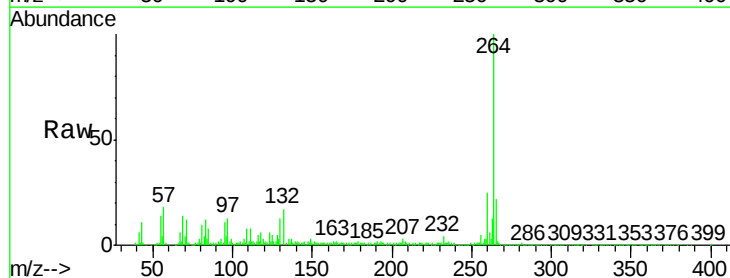


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF091046.D
 Acq: 5 Nov 2016 3:03

Tgt Ion:264 Resp: 285916
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.6 30.8
 265 21.8 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

