

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094182.D
 Acq On : 4 Apr 2017 22:12
 Operator : SJ/MA
 Sample : I2516-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Apr 05 02:09:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

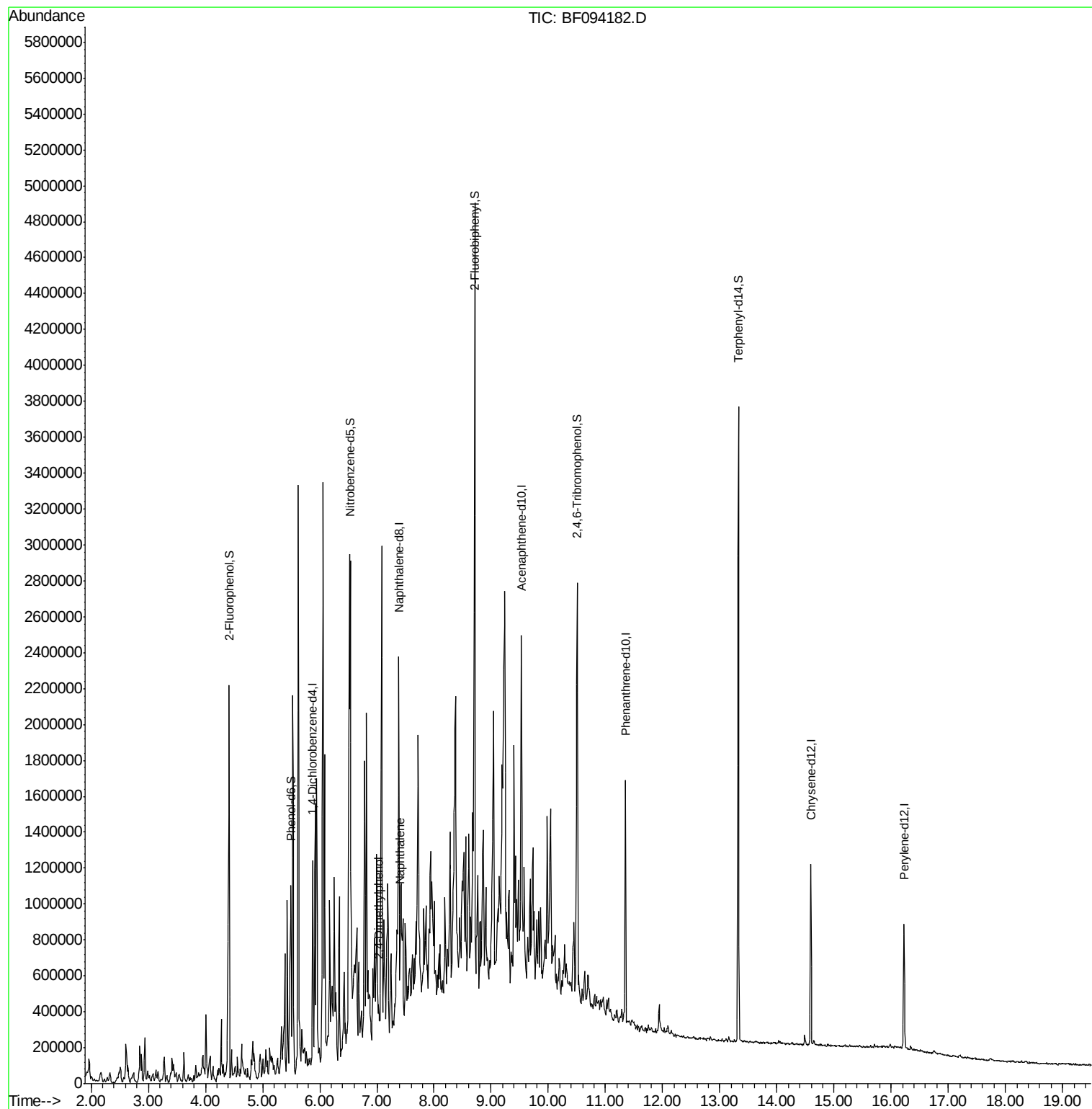
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	186038	20.00	ng	-0.03
21) Naphthalene-d8	7.38	136	697201	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	340990	20.00	ng	-0.02
63) Phenanthrene-d10	11.35	188	560899	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	422527	20.00	ng	-0.03
86) Perylene-d12	16.23	264	289606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	673912	61.18	ng	-0.02
7) Phenol-d6	5.49	99	578937	42.49	ng	-0.02
23) Nitrobenzene-d5	6.53	82	1008670	82.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	352773	130.92	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	1795491	80.31	ng	-0.02
78) Terphenyl-d14	13.33	244	1406865	74.63	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.02	122	21410	2.16	ng	93
31) Naphthalene	7.40	128	116081m	3.46	ng	

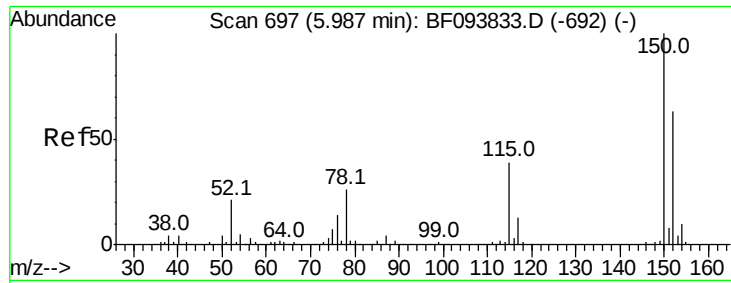
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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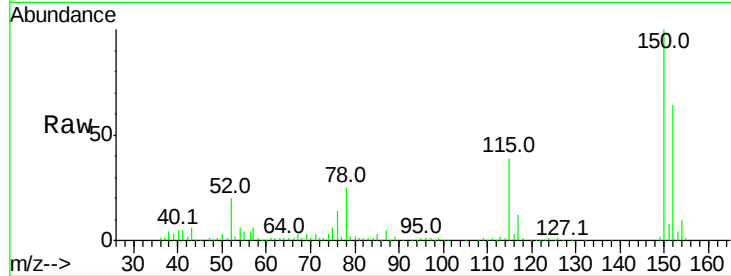


#1

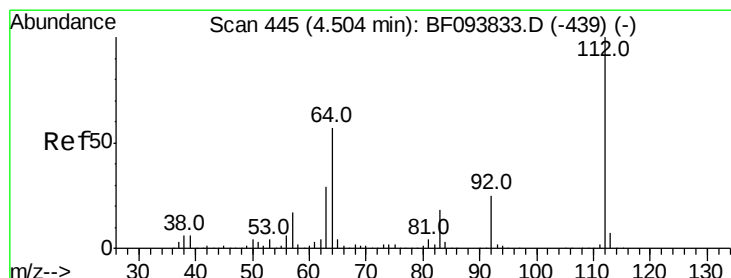
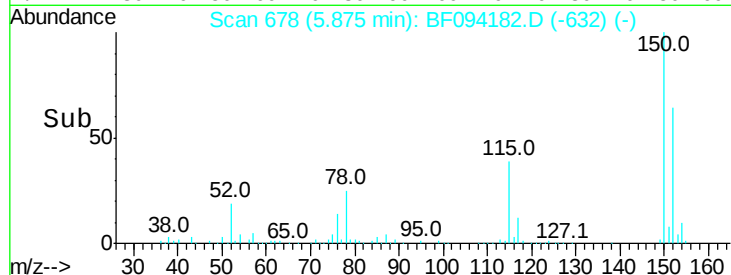
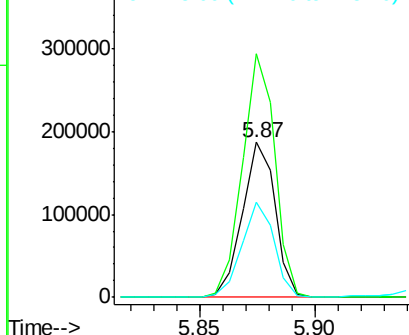
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:152 Resp: 186038
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 61.3 52.2 78.2



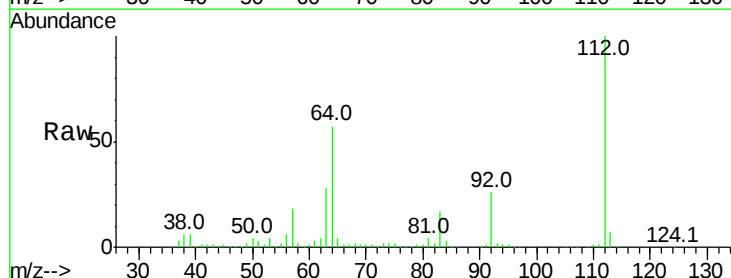
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



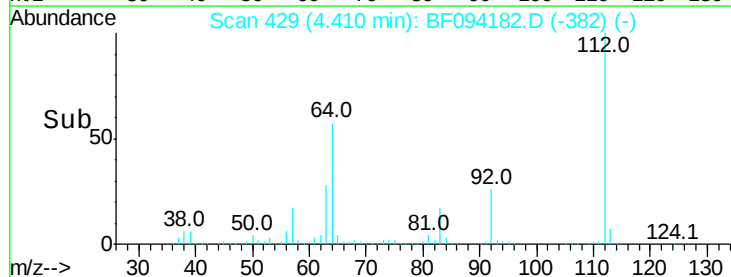
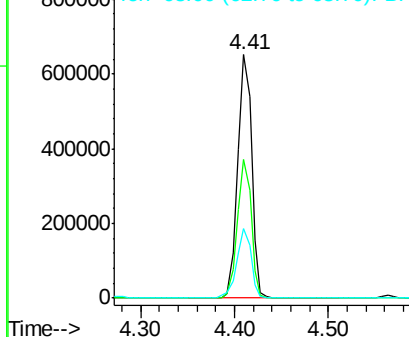
#5

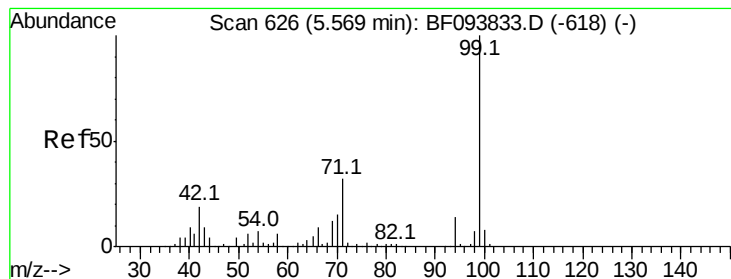
2-Fluorophenol
 Concen: 61.18 ng
 RT: 4.41 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Tgt Ion:112 Resp: 673912
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.0 69.0
 63 28.3 23.4 35.0



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: 42.49 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094182.D

Acq: 4 Apr 2017 22:12

Instrument :

BNA_F

ClientSampled :

MW-4

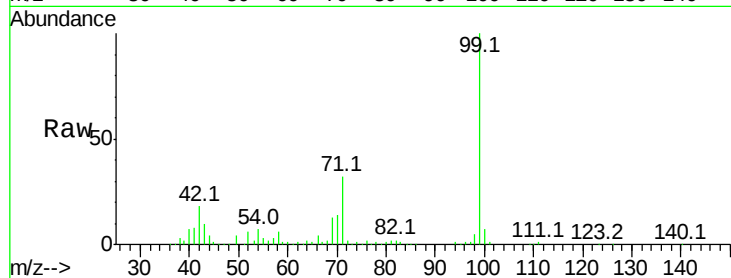
Tot Ion: 99 Resp: 578937

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

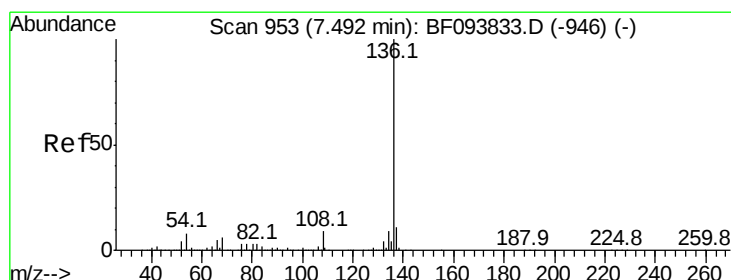
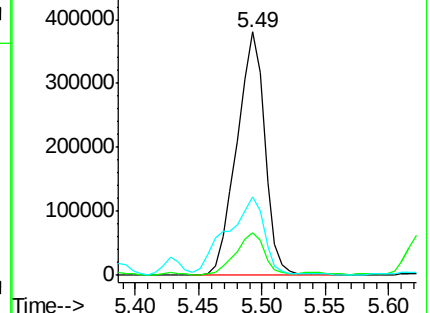
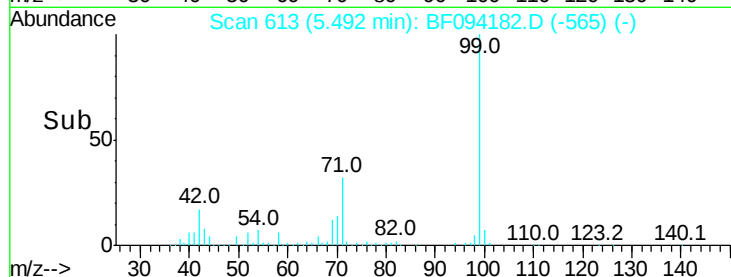
71 32.4 24.5 36.7



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: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094182.D

Acq: 4 Apr 2017 22:12

Tgt Ion: 136 Resp: 697201

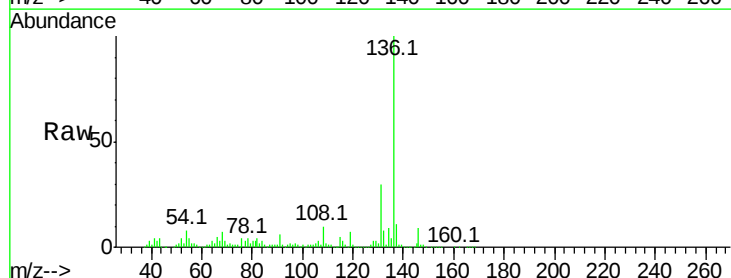
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.3 4.9 7.3#

68 6.6 4.1 6.1#

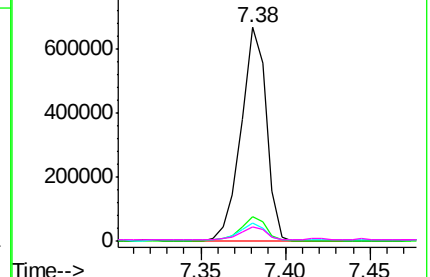
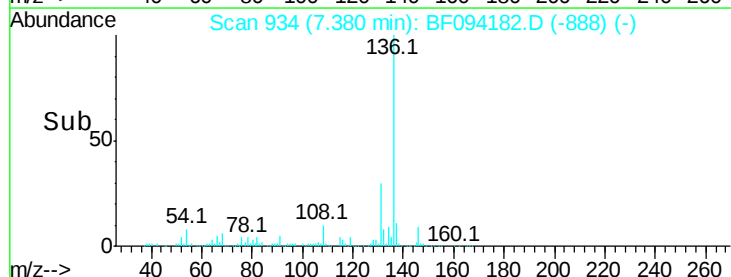


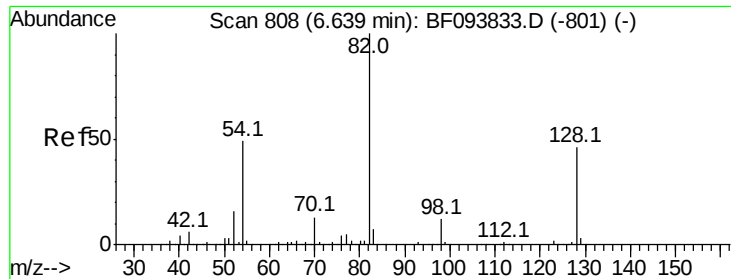
Abundance Ion 136.00 (135.70 to 136.70): E

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

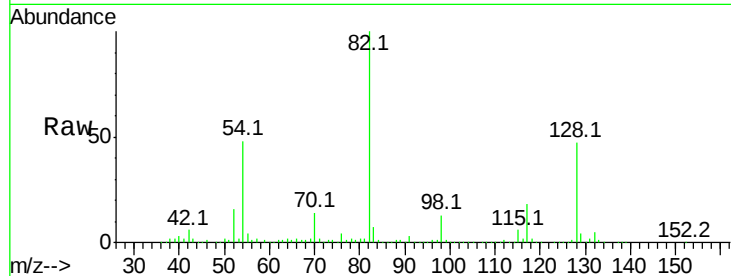




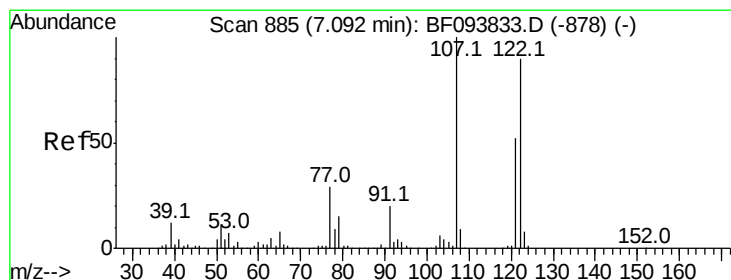
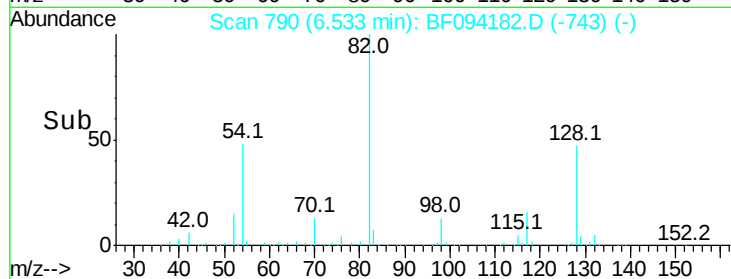
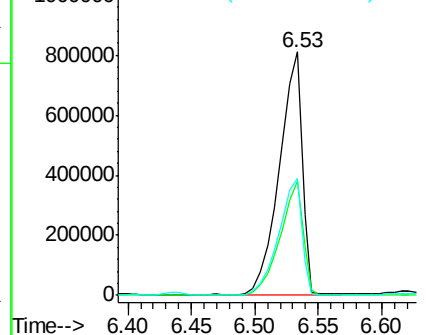
#23
 Nitrobenzene-d5
 Concen: 82.56 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion: 82 Resp: 1008670
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 48.0 42.2 63.2

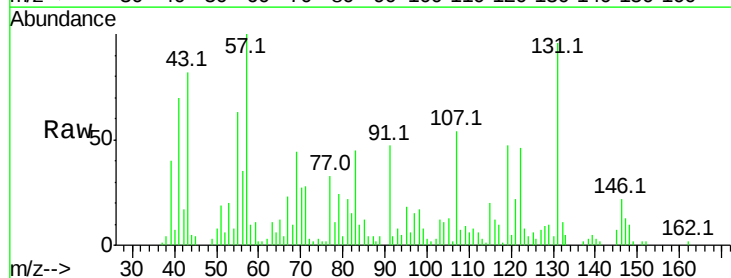


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

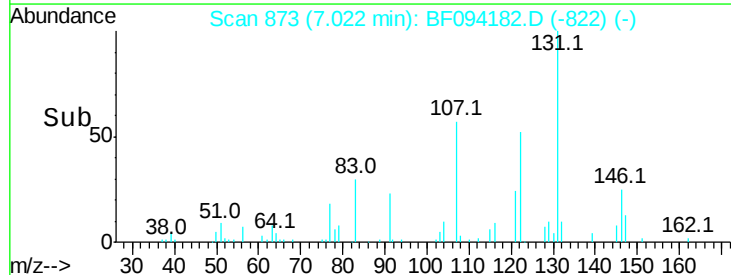
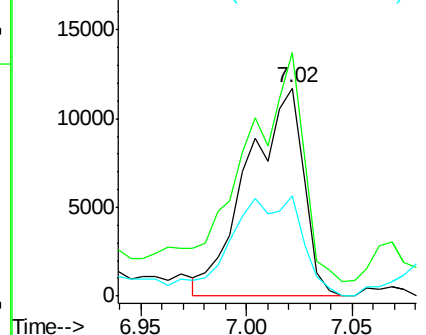


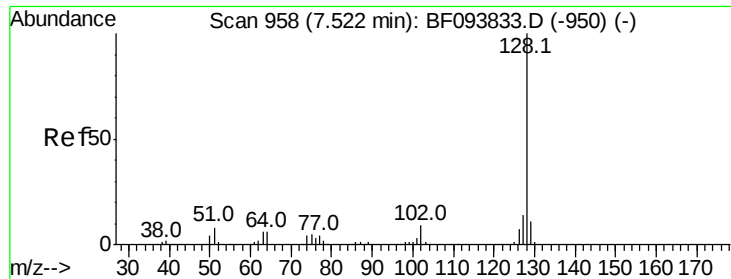
#27
 2,4-Dimethylphenol
 Concen: 2.16 ng
 RT: 7.02 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Tgt Ion:122 Resp: 21410
 Ion Ratio Lower Upper
 122 100
 107 117.1 89.2 133.8
 121 48.2 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

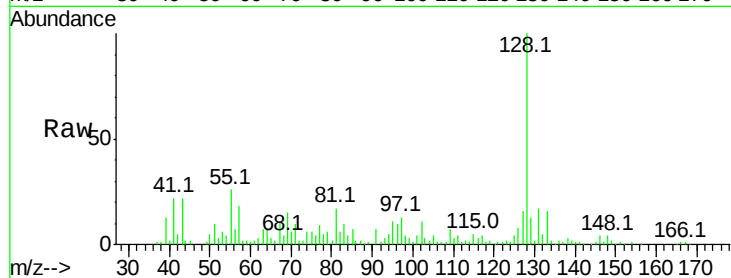




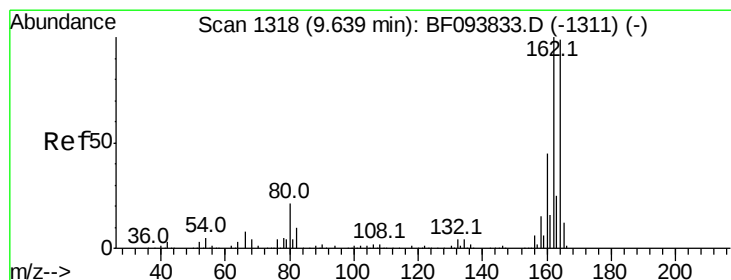
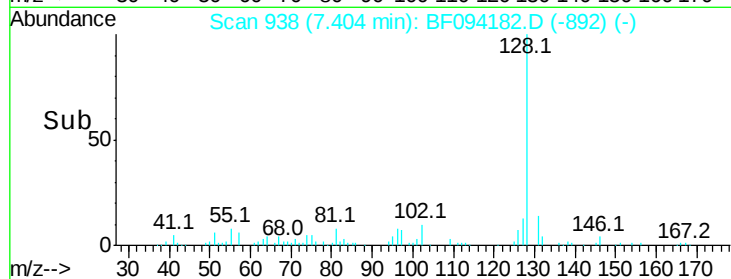
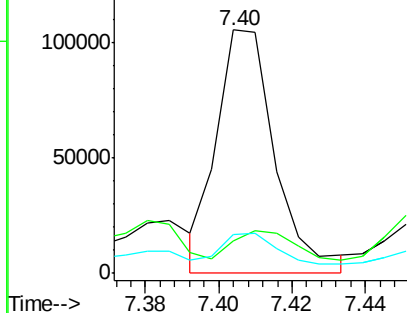
#31
Naphthalene
Concen: 3.46 ng/mL
RT: 7.40 min Scan# 938
Delta R.T. -0.03 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Instrument :
BNA_F
ClientSampleID :
MW-4

Tot Ion:128 Resp: 116081
Ion Ratio Lower Upper
128 100
129 13.3 9.0 13.6
127 15.9 10.8 16.2

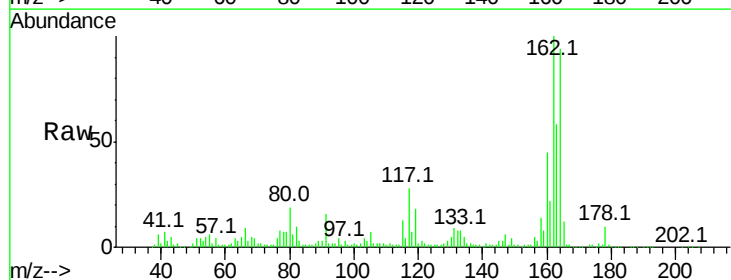


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

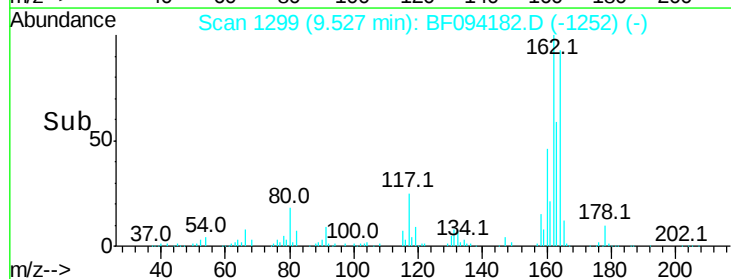
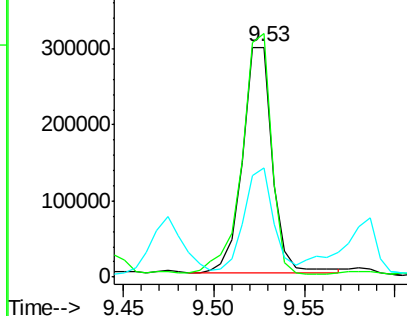


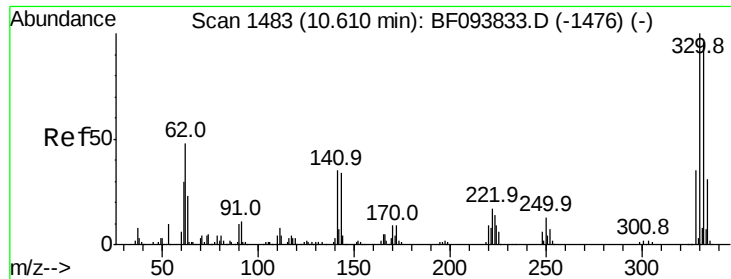
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094182.D
Acq: 4 Apr 2017 22:12

Tgt Ion:164 Resp: 340990
Ion Ratio Lower Upper
164 100
162 105.9 82.6 123.8
160 47.6 36.2 54.2



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

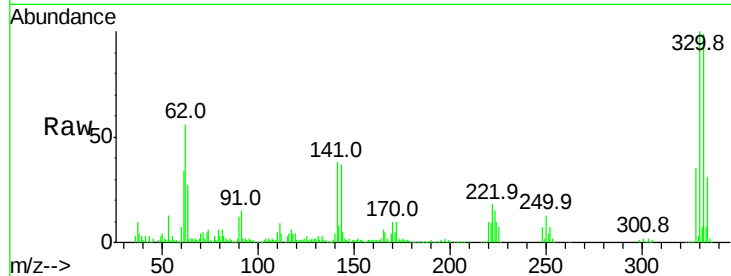




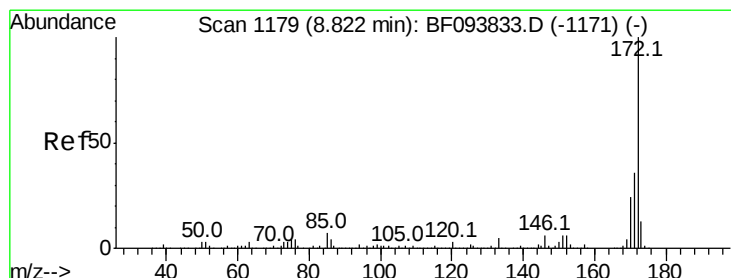
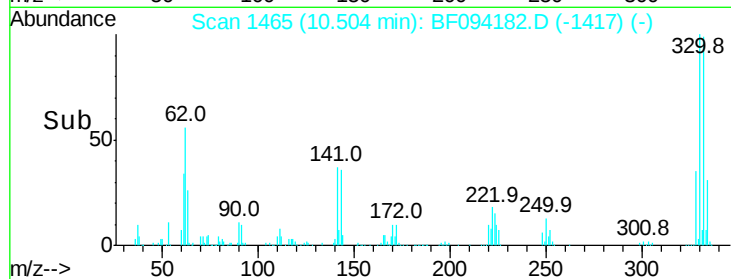
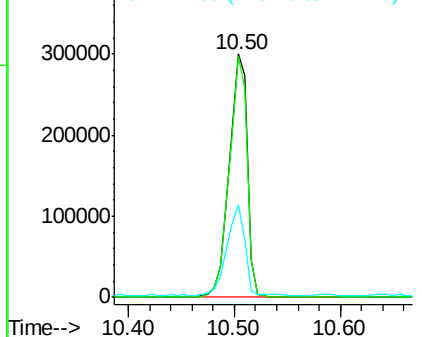
#41
 2,4,6-Tribromophenol
 Concen: 130.92 ng
 RT: 10.50 min Scan# 1465
 Delta R.T. -0.02 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:330 Resp: 352773
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 37.7 31.4 47.2

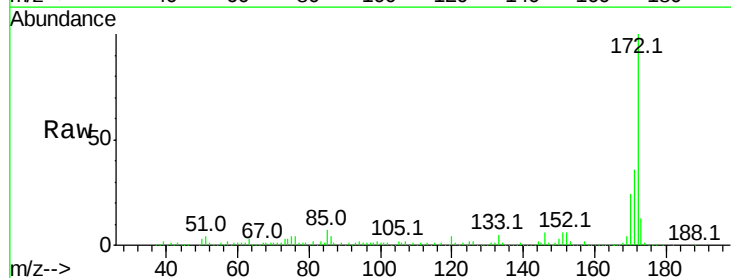


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

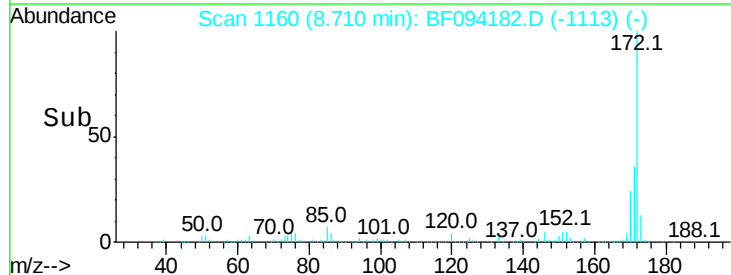
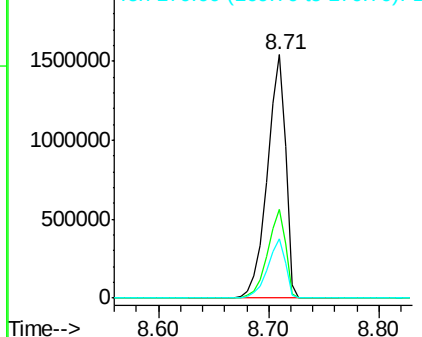


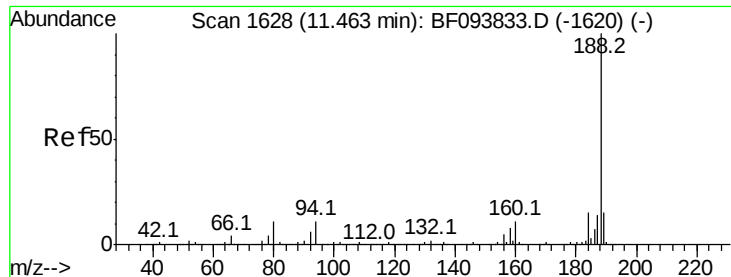
#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Tgt Ion:172 Resp: 1795491
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.3 19.8 29.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BF094182.D

Acq: 4 Apr 2017 22:12

Instrument :

BNA_F

ClientSampleId :

MW-4

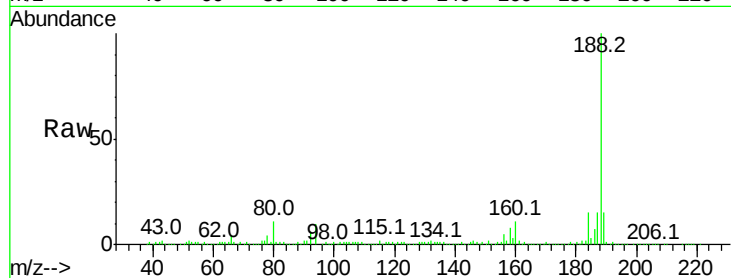
Tot Ion:188 Resp: 560899

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

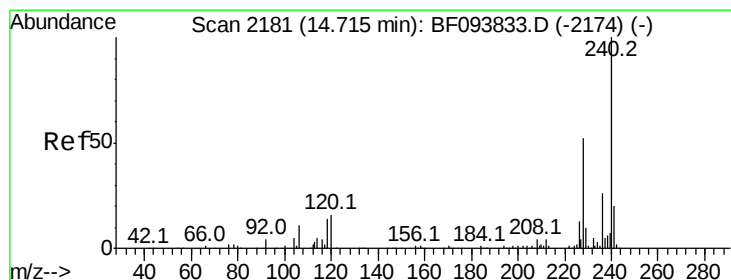
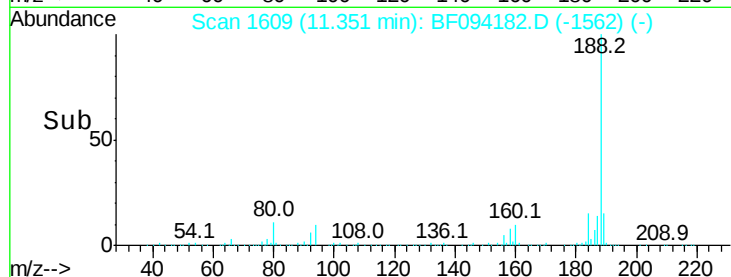
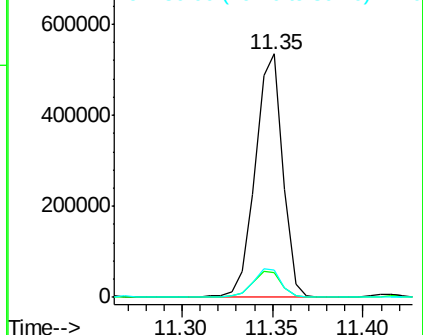
80 11.2 10.2 15.2



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: 14.60 min Scan# 2161

Delta R.T. -0.03 min

Lab File: BF094182.D

Acq: 4 Apr 2017 22:12

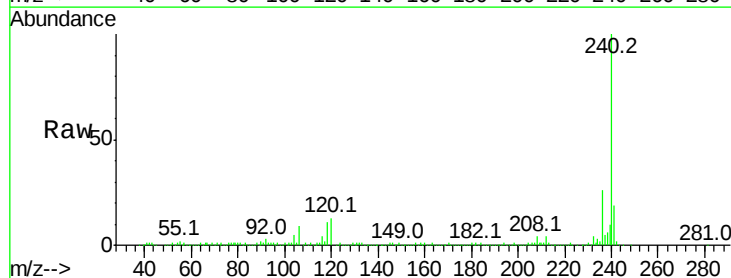
Tgt Ion:240 Resp: 422527

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

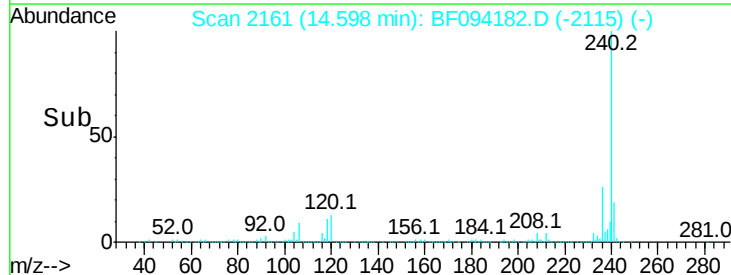
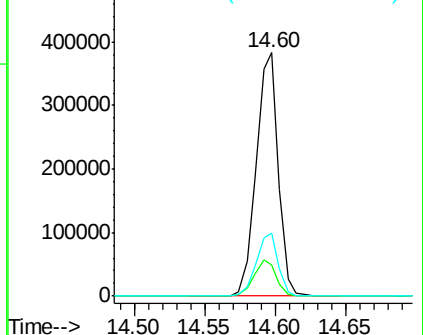
236 26.1 20.5 30.7

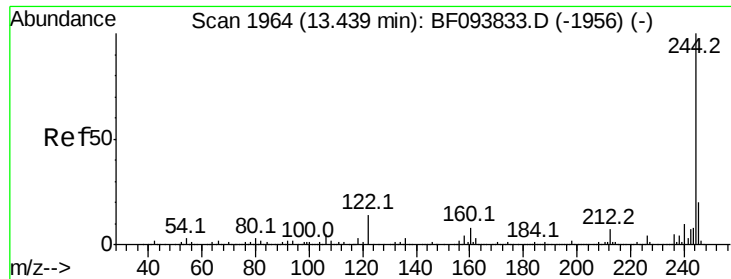


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

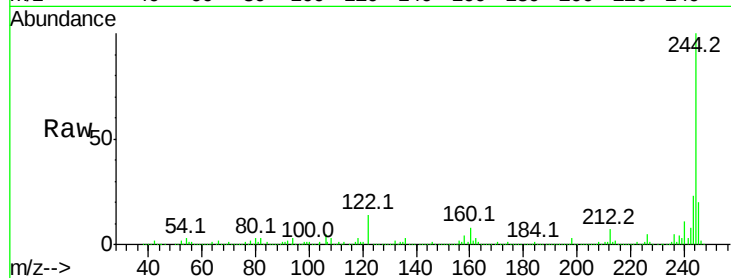




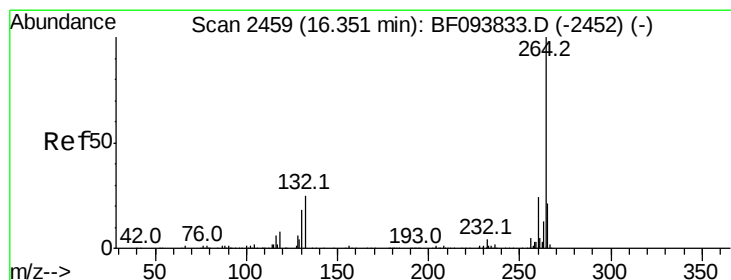
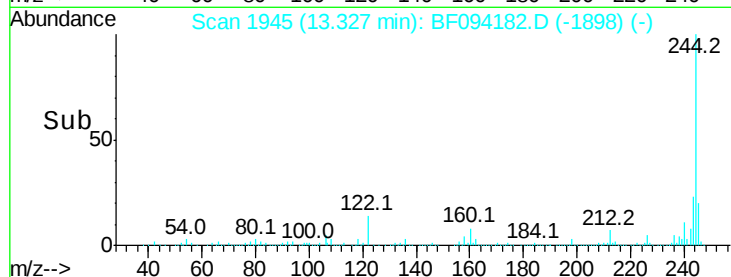
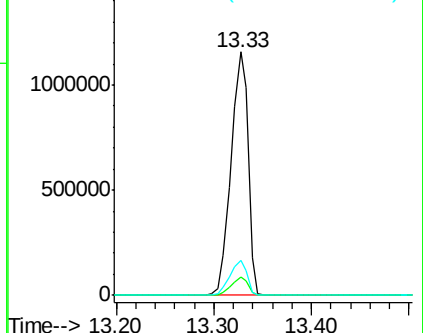
#78
 Terphenyl-d14
 Concen: 74.63 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Tot Ion:244 Resp: 1406865
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.2 10.3 15.5

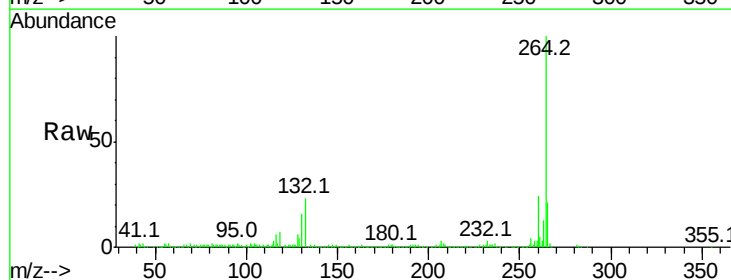


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094182.D
 Acq: 4 Apr 2017 22:12

Tgt Ion:264 Resp: 289606
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.2 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

