

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040315\
 Data File : BF078249.D
 Acq On : 3 Apr 2015 18:40
 Operator : TP/IZ
 Sample : G1736-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Apr 03 22:52:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 23:29:56 2015
 Response via : Initial Calibration

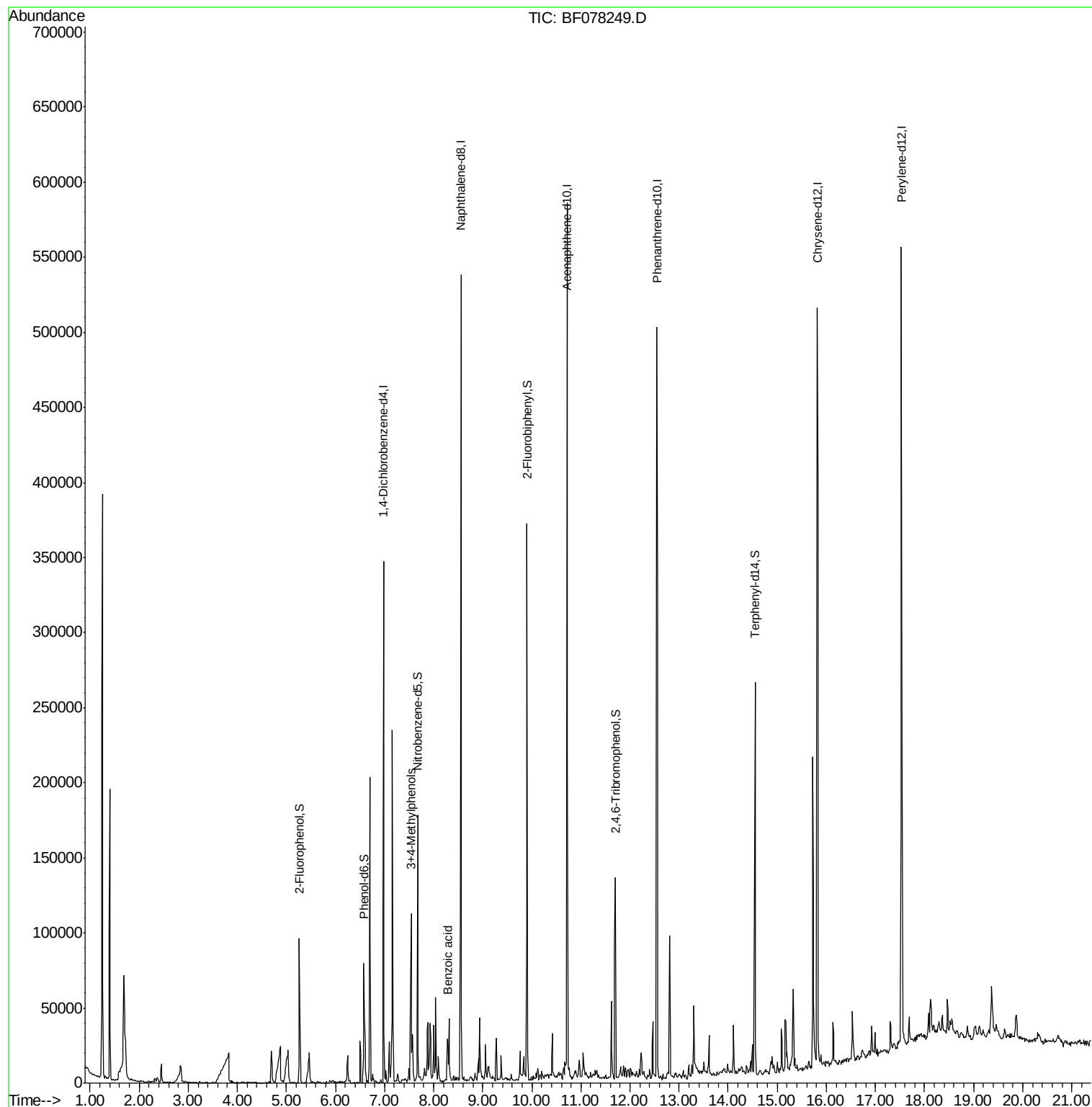
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	56845	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	239024	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	123764	20.00	ng	-0.01
63) Phenanthrene-d10	12.55	188	236094	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	244527	20.00	ng	-0.02
86) Perylene-d12	17.53	264	234652	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	34592	10.03	ng	0.00
7) Phenol-d6	6.58	99	27728	6.42	ng	-0.01
23) Nitrobenzene-d5	7.68	82	54470	13.81	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	18782	18.30	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	118538	13.69	ng	0.00
78) Terphenyl-d14	14.55	244	101191	9.35	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.54	107	39989	9.47	ng	93
32) Benzoic acid	8.28	122	8835	10.32	ng	90

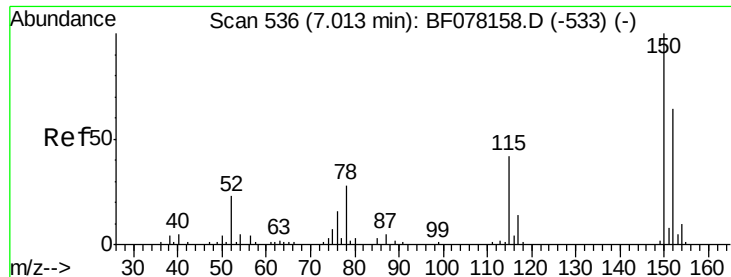
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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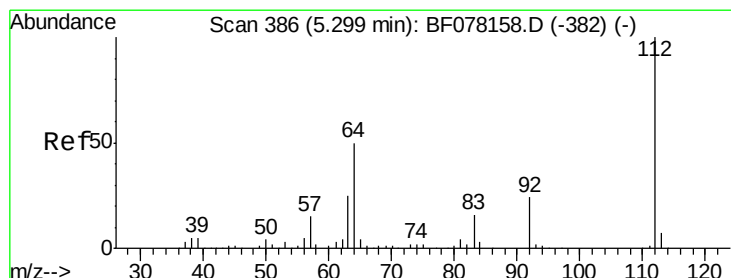
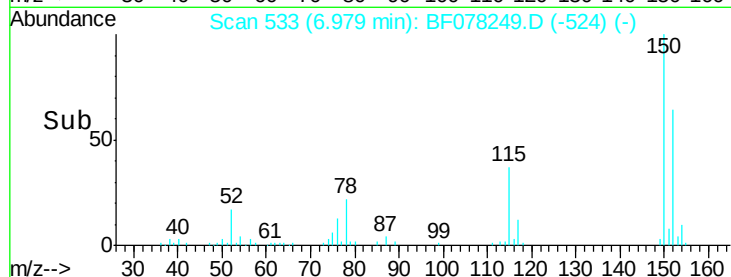
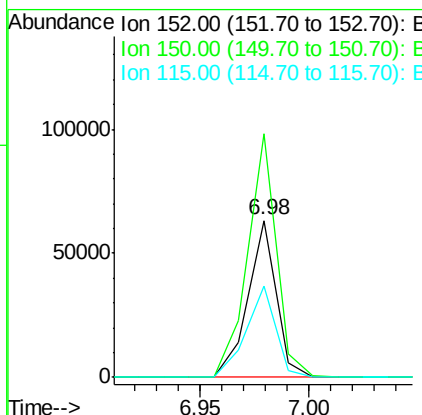
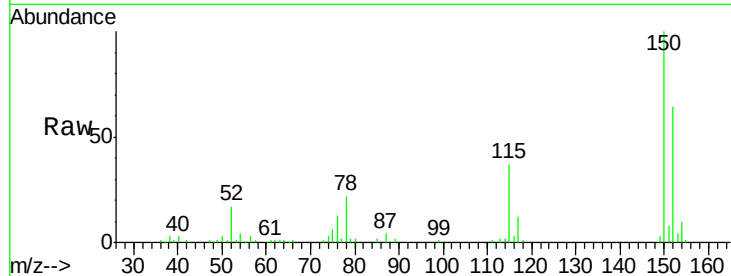


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF078249.D
 Acq: 3 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampled :
 MW-19

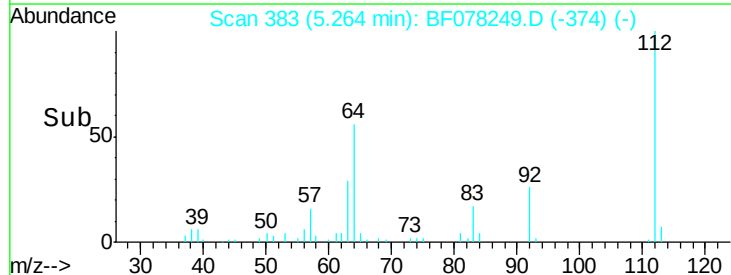
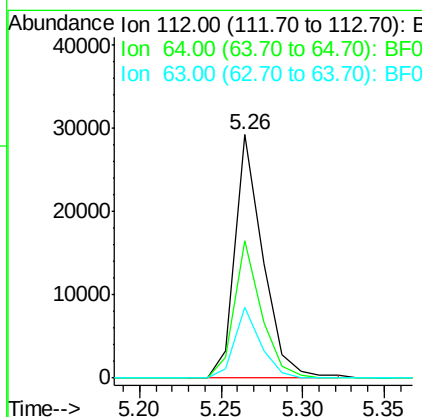
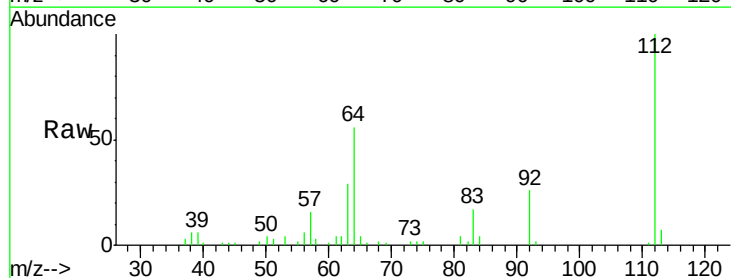
Tgt Ion:152 Resp: 56845
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.9 188.9
 115 58.0 52.7 79.1

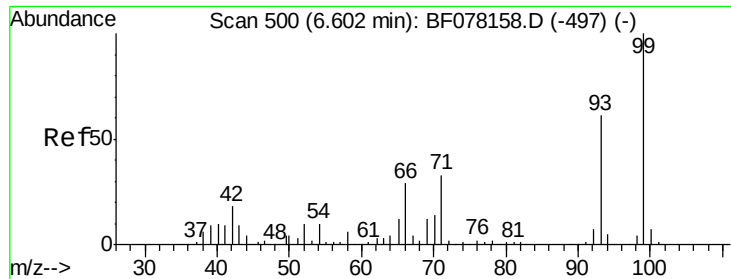


#5

2-Fluorophenol
 Concen: 10.03 ng
 RT: 5.26 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: BF078249.D
 Acq: 3 Apr 2015 18:40

Tgt Ion:112 Resp: 34592
 Ion Ratio Lower Upper
 112 100
 64 56.3 39.9 59.9
 63 29.0 20.2 30.4





#7

Phenol-d6

Concen: 6.42 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF078249.D

Acq: 3 Apr 2015 18:40

Instrument :

BNA_F

ClientSampleId :

MW-19

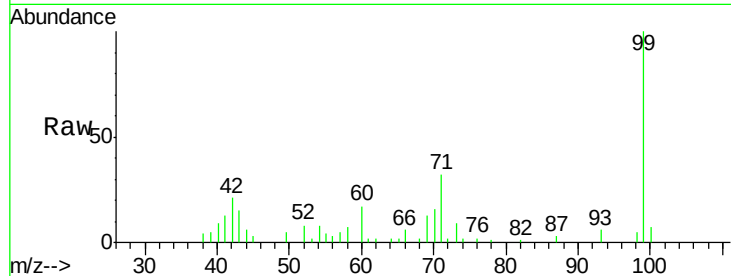
Tgt Ion: 99 Resp: 27728

Ion Ratio Lower Upper

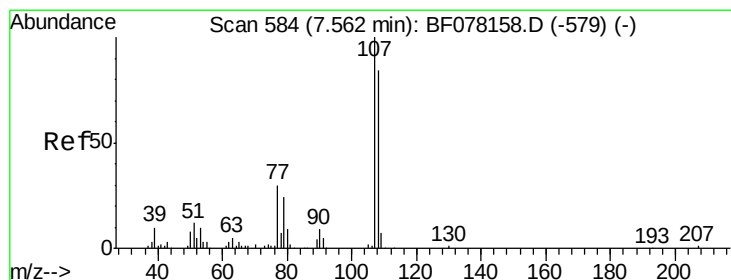
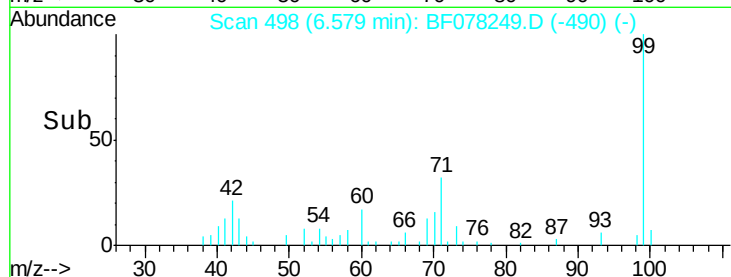
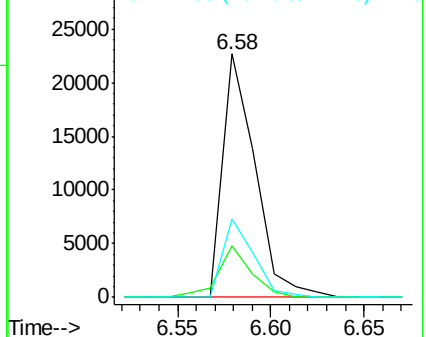
99 100

42 21.2 14.8 22.2

71 32.4 26.6 39.8



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



#20

3+4-Methylphenols

Concen: 9.47 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF078249.D

Acq: 3 Apr 2015 18:40

Tgt Ion: 107 Resp: 39989

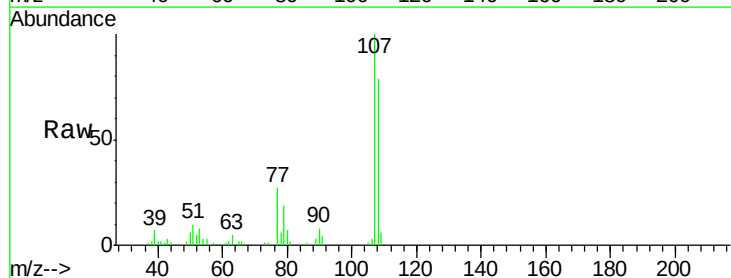
Ion Ratio Lower Upper

107 100

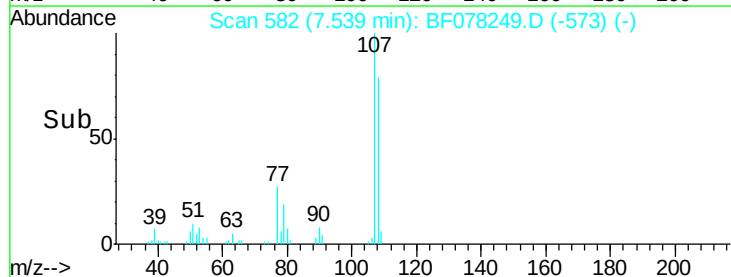
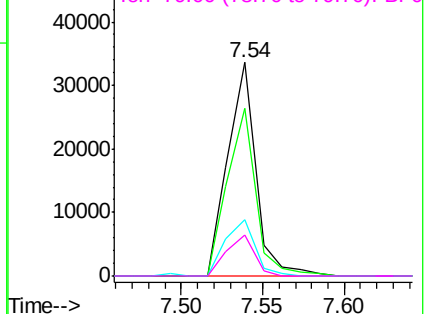
108 78.8 64.4 104.4

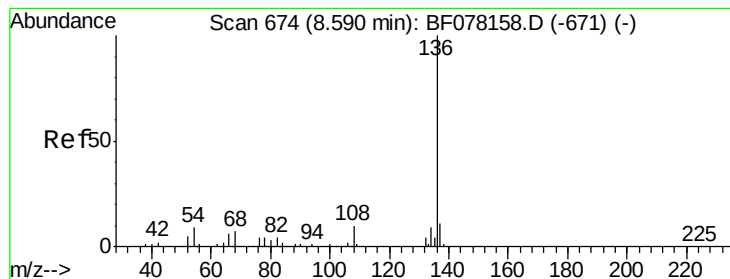
77 26.7 9.7 49.7

79 19.0 4.0 44.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078249.D

Acq: 3 Apr 2015 18:40

Instrument :

BNA_F

ClientSampleId :

MW-19

Tgt Ion:136 Resp: 239024

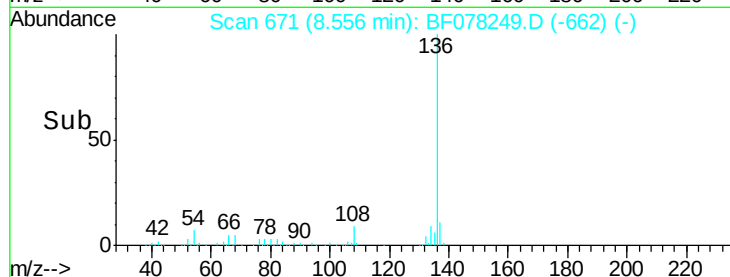
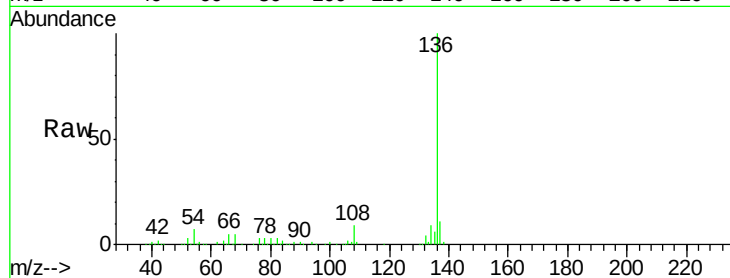
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.7 7.0 10.6#

68 5.3 5.4 8.2#



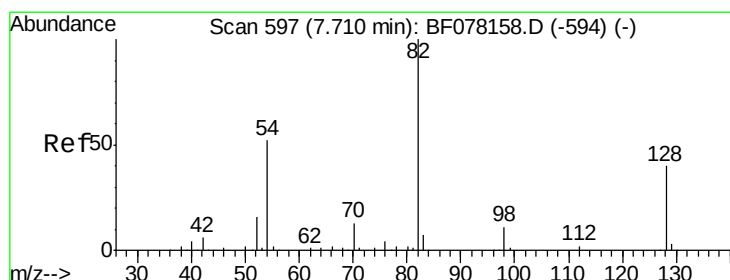
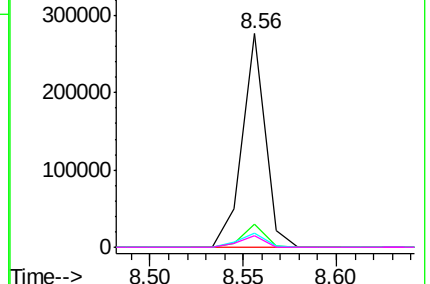
Abundance Ion 136.00 (135.70 to 136.70): E

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

8.56



#23

Nitrobenzene-d5

Concen: 13.81 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078249.D

Acq: 3 Apr 2015 18:40

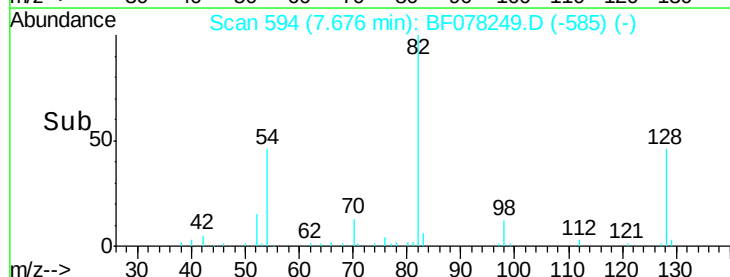
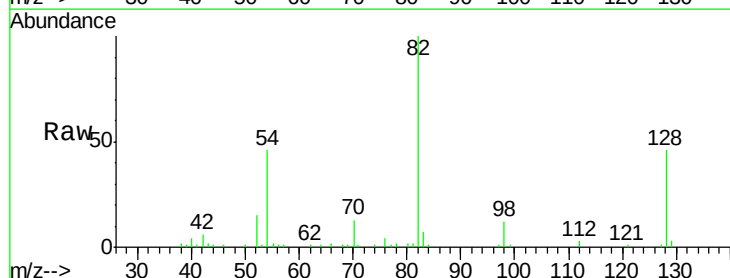
Tgt Ion: 82 Resp: 54470

Ion Ratio Lower Upper

82 100

128 45.5 31.8 47.8

54 45.8 41.5 62.3

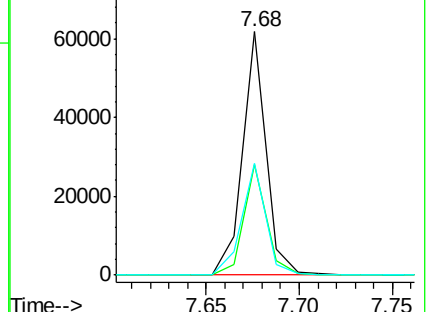


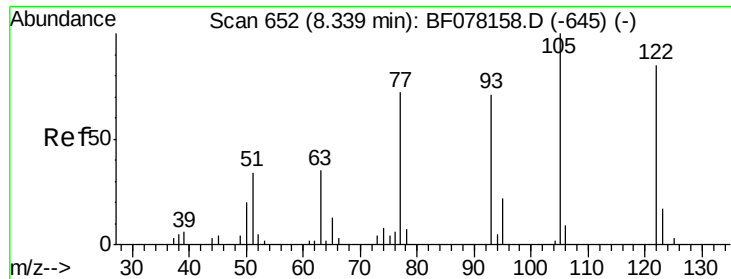
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

7.68

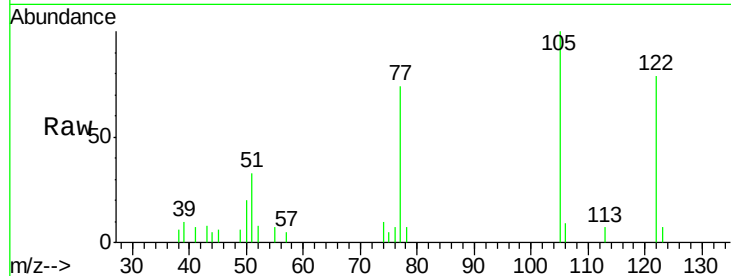




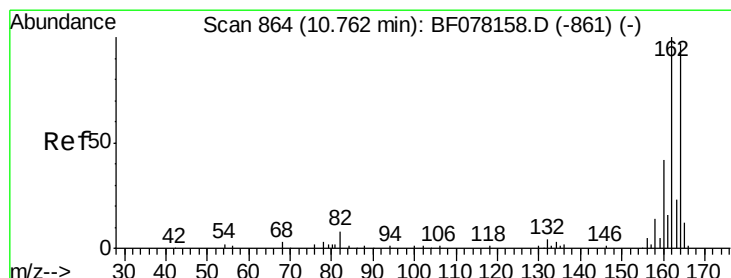
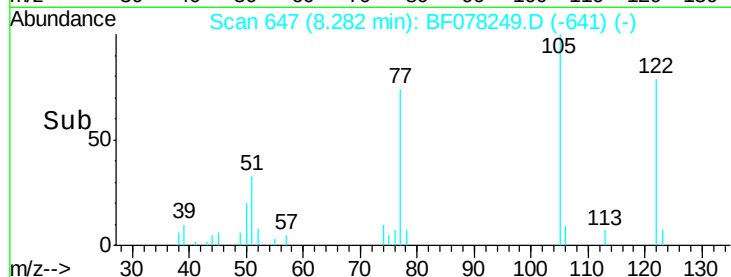
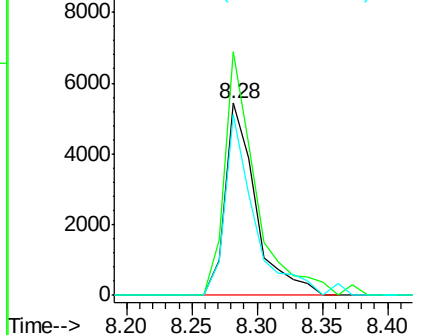
#32
Benzoic acid
Concen: 10.32 ng
RT: 8.28 min Scan# 647
Delta R.T. -0.03 min
Lab File: BF078249.D
Acq: 3 Apr 2015 18:40

Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:122 Resp: 8835
Ion Ratio Lower Upper
122 100
105 126.8 96.1 136.1
77 94.2 64.1 104.1

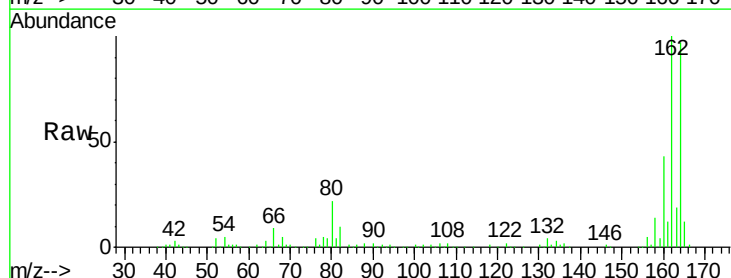


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

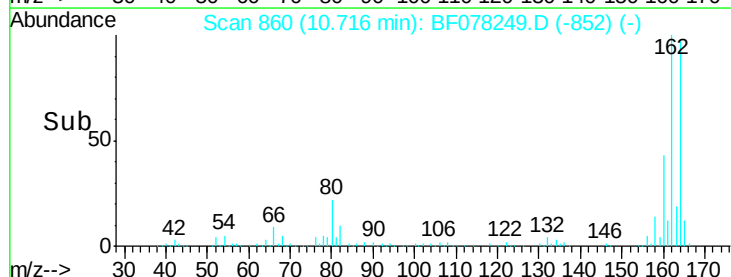
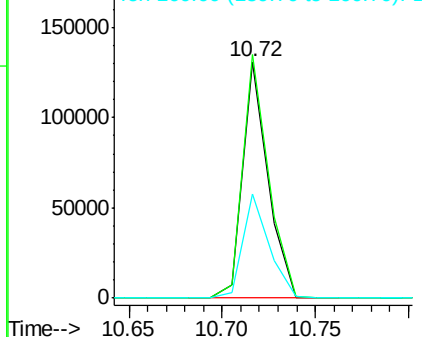


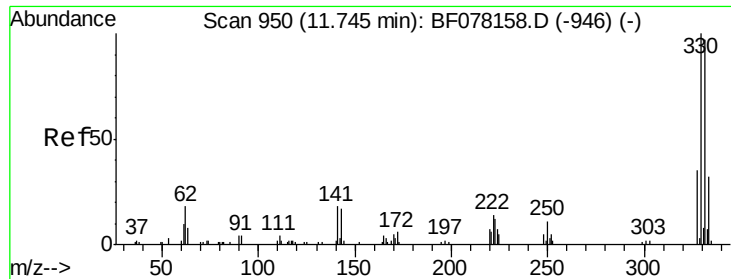
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF078249.D
Acq: 3 Apr 2015 18:40

Tgt Ion:164 Resp: 123764
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.2
160 43.8 34.7 52.1



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

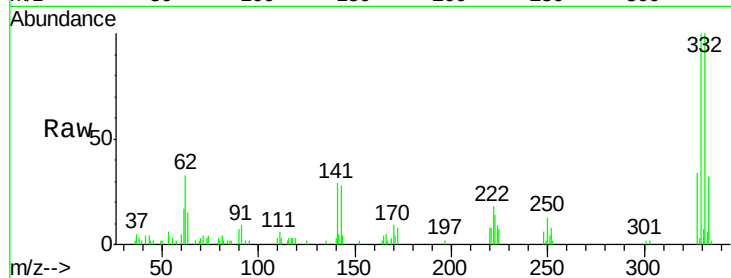




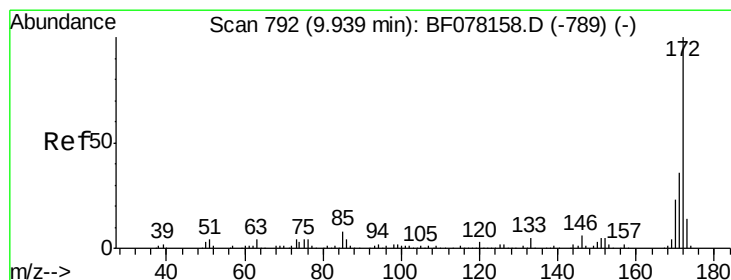
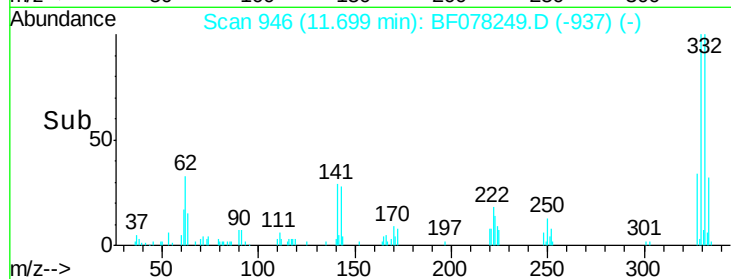
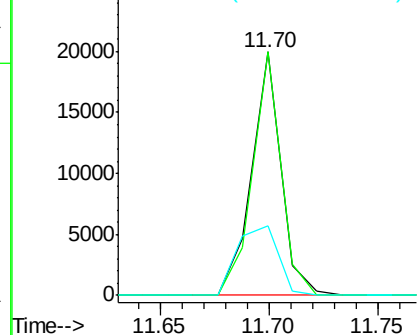
#41
 2,4,6-Tribromophenol
 Concen: 18.30 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078249.D
 Acq: 3 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion:330 Resp: 18782
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.6 117.8
 141 39.8 31.2 46.8

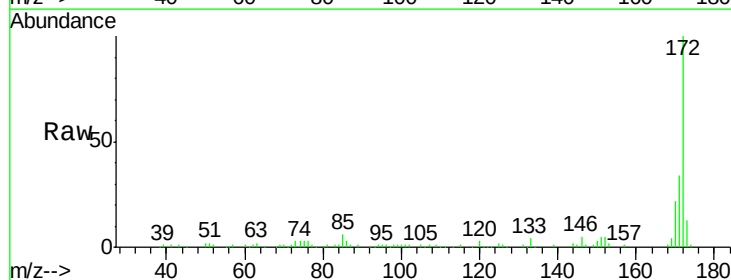


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

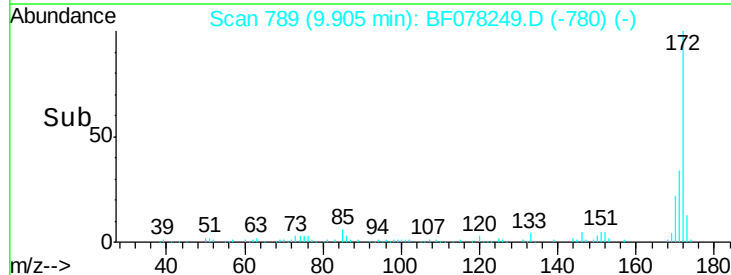
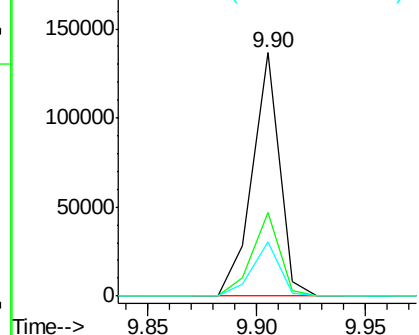


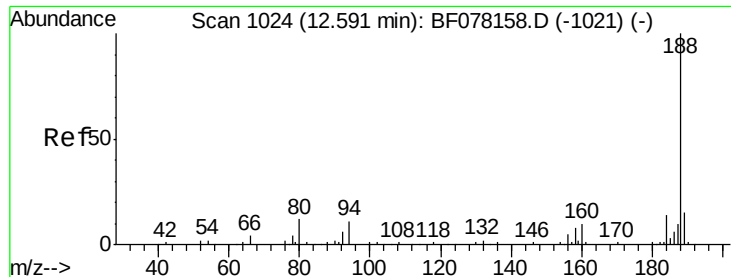
#44
 2-Fluorobiphenyl
 Concen: 13.69 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078249.D
 Acq: 3 Apr 2015 18:40

Tgt Ion:172 Resp: 118538
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 42.8
 170 22.3 18.5 27.7



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

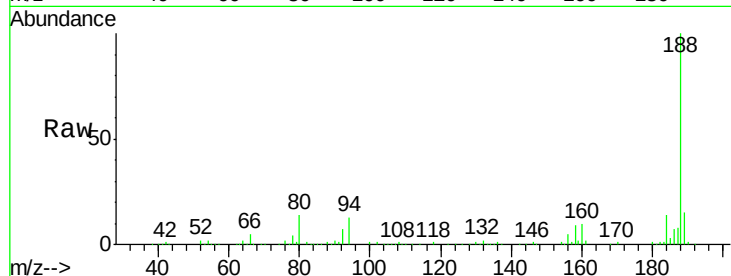




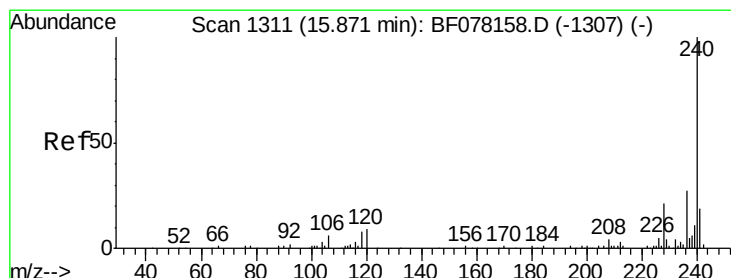
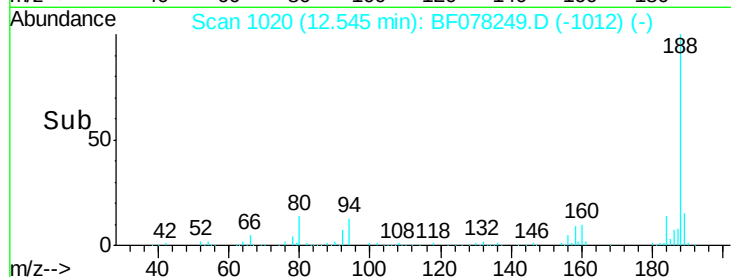
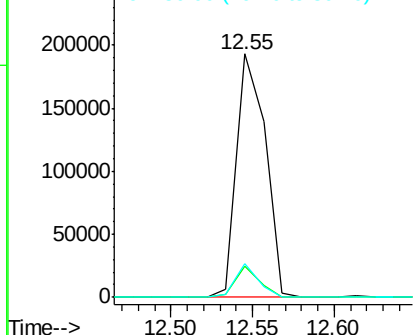
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078249.D
Acq: 3 Apr 2015 18:40

Instrument :
BNA_F
ClientSampled :
MW-19

Tgt Ion:188 Resp: 236094
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.4
80 13.9 9.5 14.3

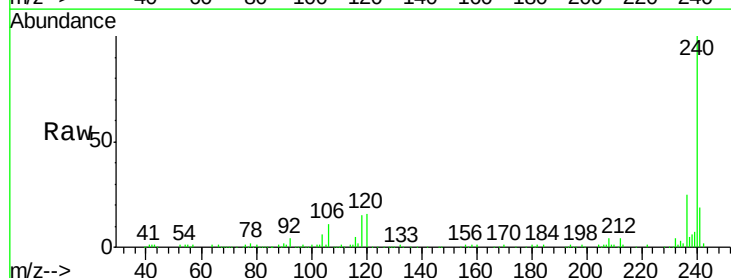


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

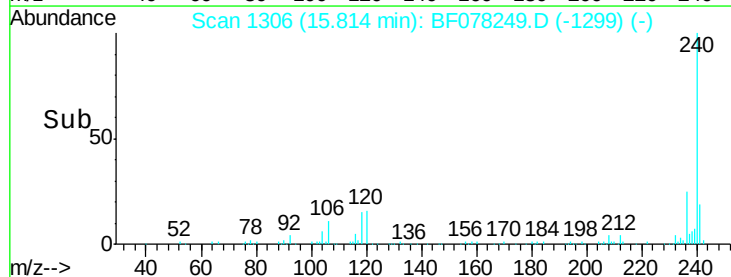
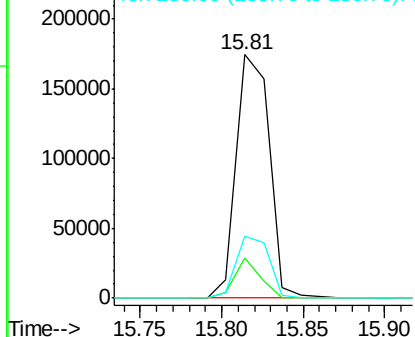


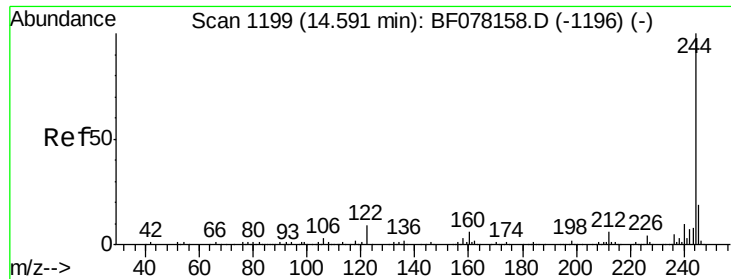
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF078249.D
Acq: 3 Apr 2015 18:40

Tgt Ion:240 Resp: 244527
Ion Ratio Lower Upper
240 100
120 16.2 7.1 10.7#
236 25.4 21.4 32.2



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

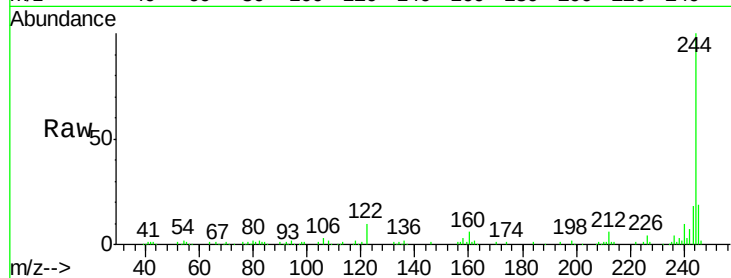




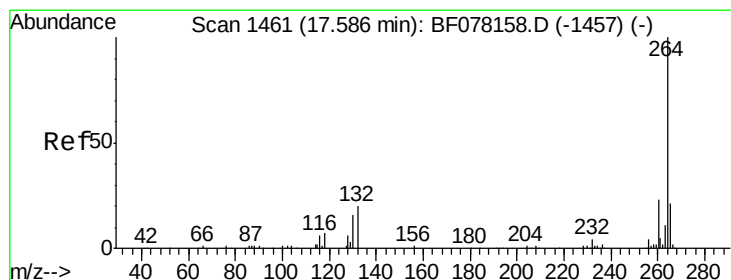
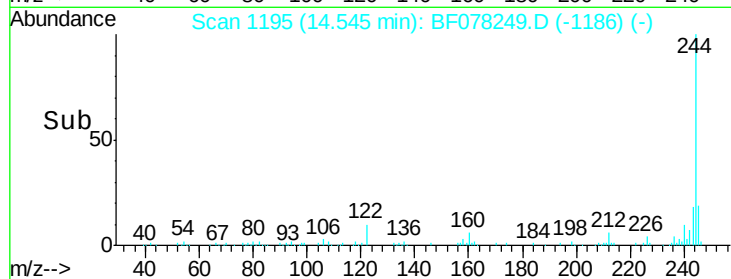
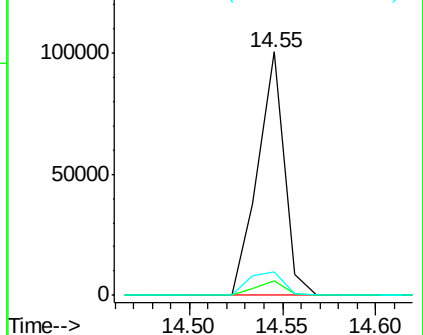
#78
 Terphenyl-d14
 Concen: 9.35 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078249.D
 Acq: 3 Apr 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Tgt Ion: 244 Resp: 101191
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.7 7.1 10.7

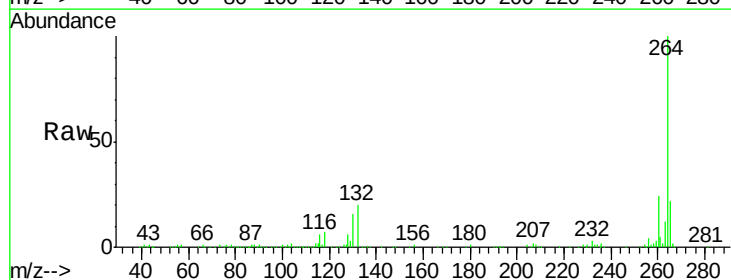


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.53 min Scan# 1456
 Delta R.T. -0.07 min
 Lab File: BF078249.D
 Acq: 3 Apr 2015 18:40

Tgt Ion: 264 Resp: 234652
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.6 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

