

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083489.D
 Acq On : 4 Dec 2015 6:00
 Operator : UM/IZ
 Sample : G4588-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: Dec 04 06:40:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

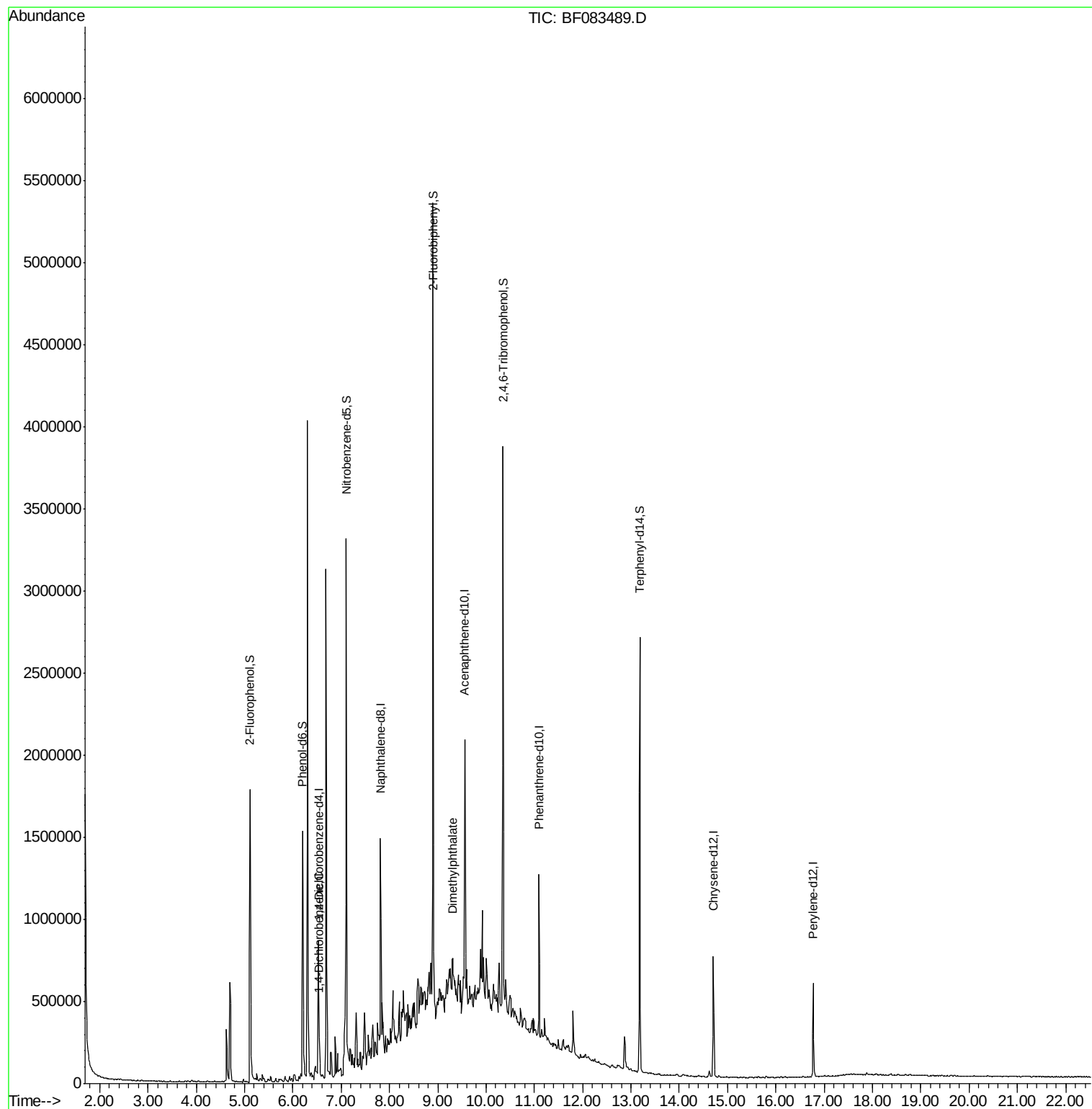
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	162461m	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	581564	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	292080	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	430758	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	357178	20.00	ng	-0.06
86) Perylene-d12	16.77	264	290573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	638888	59.01	ng	-0.01
7) Phenol-d6	6.20	99	597710	40.33	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1045877	79.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	291892	99.55	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1496909	73.03	ng	-0.02
78) Terphenyl-d14	13.19	244	1141696	76.23	ng	-0.03
Target Compounds						
13) 1,4-Dichlorobenzene	6.54	146	30769	2.24	ng	Qvalue 99
49) Dimethylphthalate	9.30	163	73789	3.11	ng	# 94

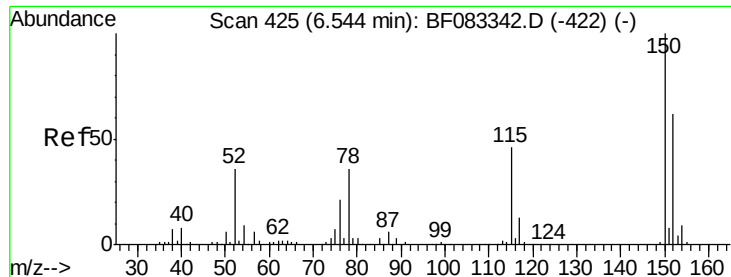
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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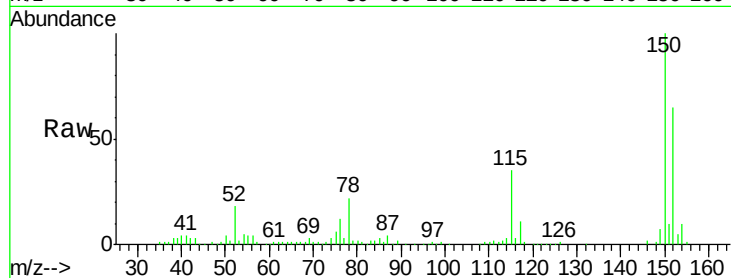


#1

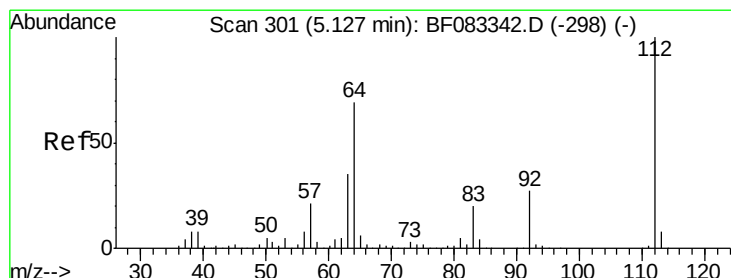
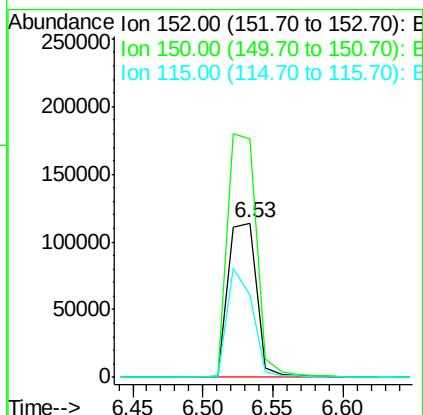
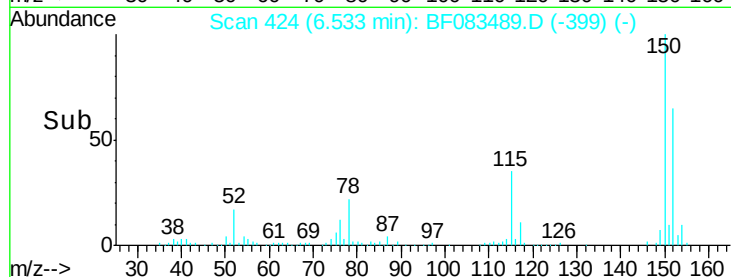
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083489.D
Acq: 4 Dec 2015 6:00

Instrument :
BNA_F
ClientSampleID :
MW-01

Tot Ion:152 Resp: 162461
Ion Ratio Lower Upper
152 100
150 154.8 129.8 194.8
115 53.6 59.2 88.8#



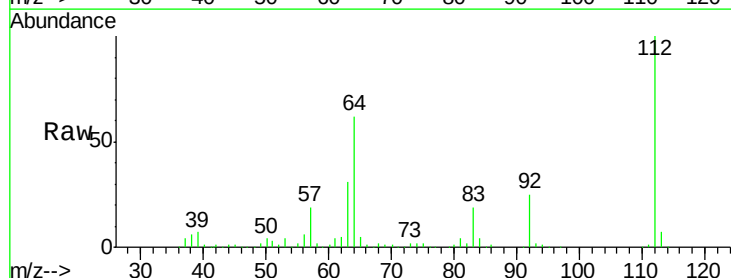
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



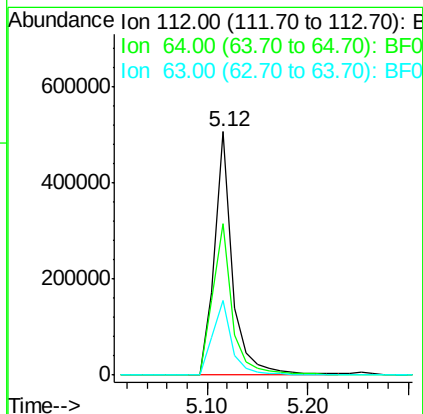
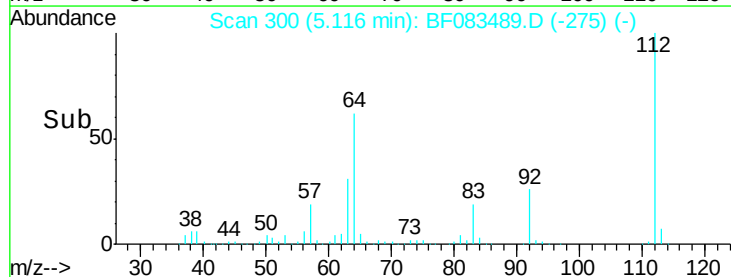
#5

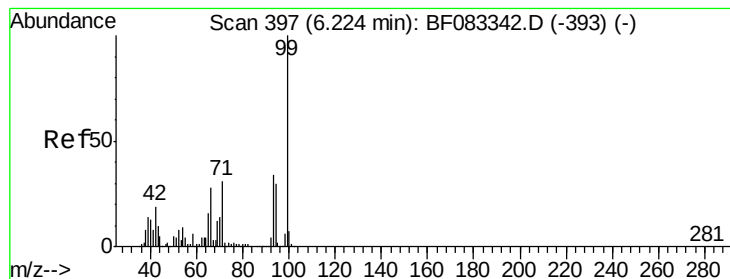
2-Fluorophenol
Concen: 59.01 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083489.D
Acq: 4 Dec 2015 6:00

Tgt Ion:112 Resp: 638888
Ion Ratio Lower Upper
112 100
64 62.4 55.6 83.4
63 30.9 28.2 42.2



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: 40.33 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083489.D

Acq: 4 Dec 2015 6:00

Instrument :

BNA_F

ClientSampleId :

MW-01

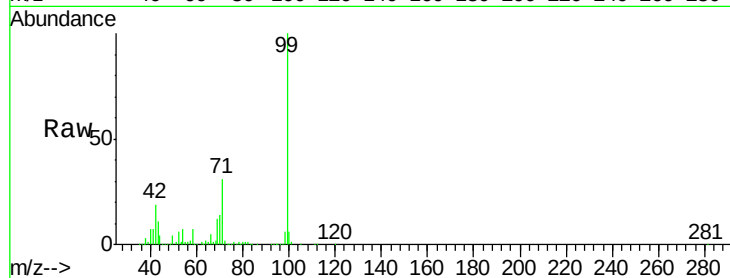
Tot Ion: 99 Resp: 597710

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

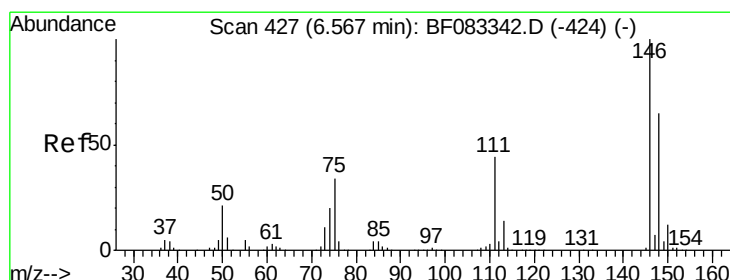
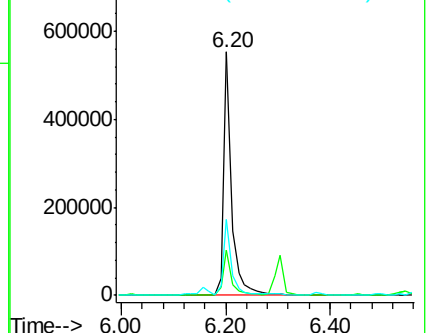
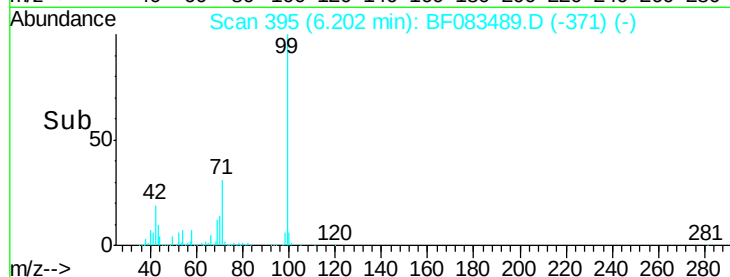
71 31.3 24.7 37.1



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



#13

1,4-Dichlorobenzene

Concen: 2.24 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF083489.D

Acq: 4 Dec 2015 6:00

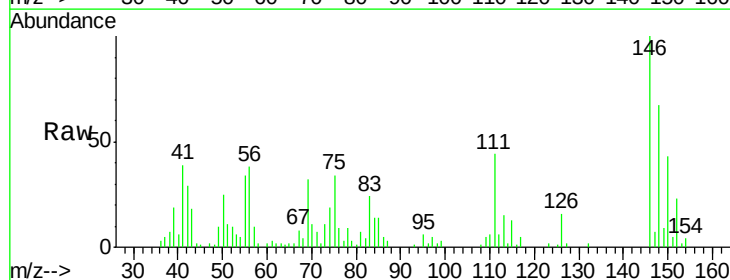
Tgt Ion: 146 Resp: 30769

Ion Ratio Lower Upper

146 100

148 66.8 52.1 78.1

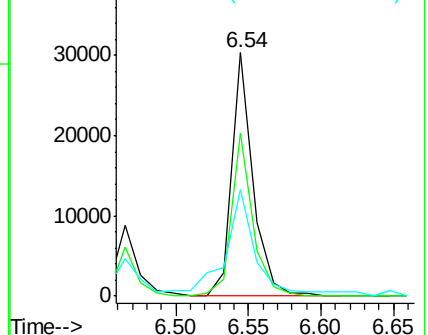
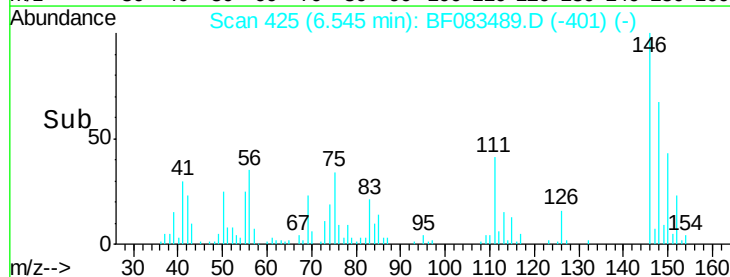
111 43.9 35.4 53.0

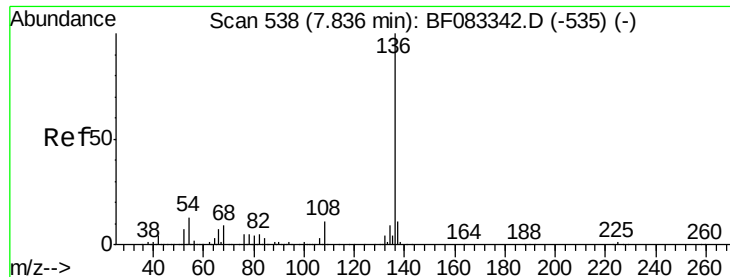


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083489.D

Acq: 4 Dec 2015 6:00

Instrument :

BNA_F

ClientSampleId :

MW-01

Tot Ion:136 Resp: 581564

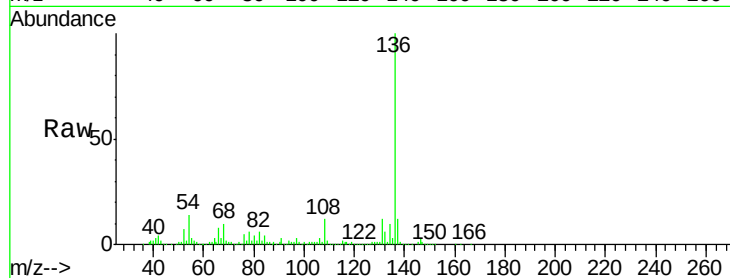
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 14.1 10.1 15.1

68 9.6 7.1 10.7

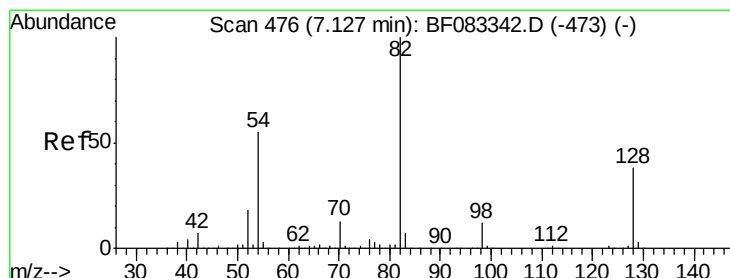
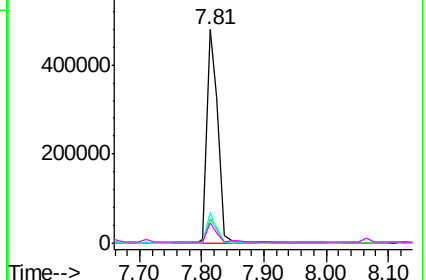
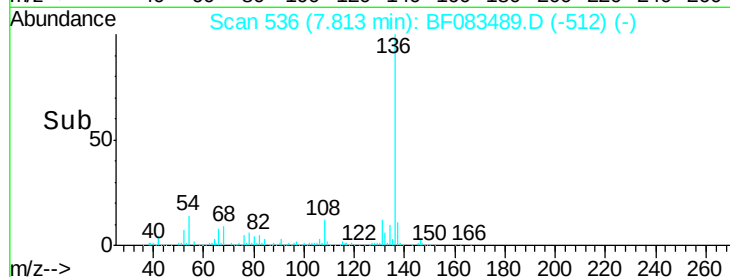


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.06 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083489.D

Acq: 4 Dec 2015 6:00

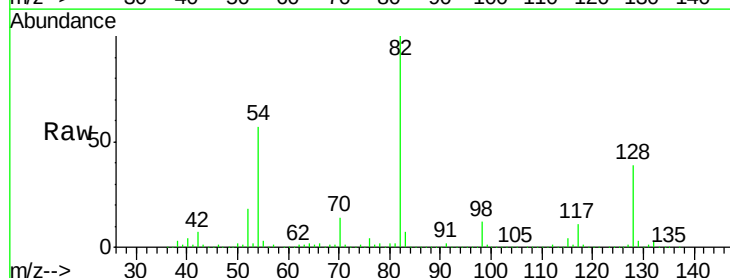
Tgt Ion: 82 Resp: 1045877

Ion Ratio Lower Upper

82 100

128 38.5 30.6 46.0

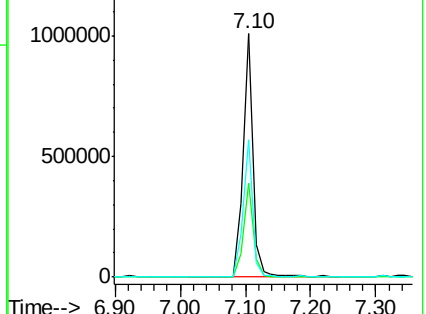
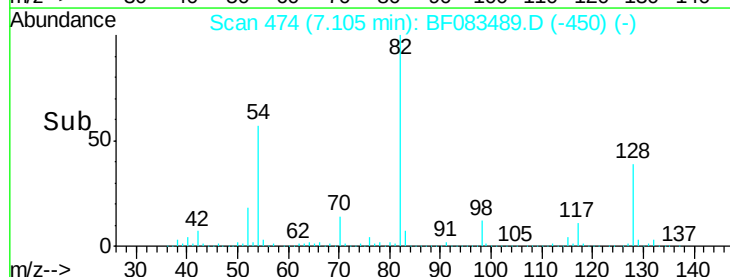
54 56.6 43.8 65.6

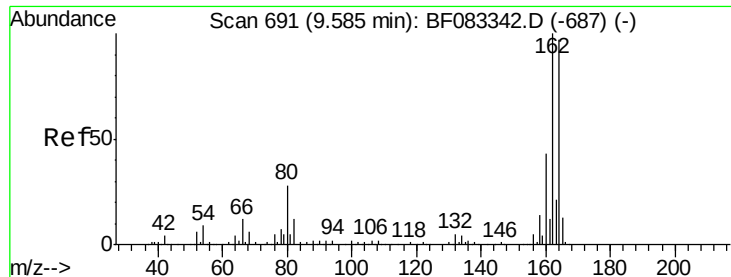


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083489.D

Acq: 4 Dec 2015 6:00

Instrument :

BNA_F

ClientSampleId :

MW-01

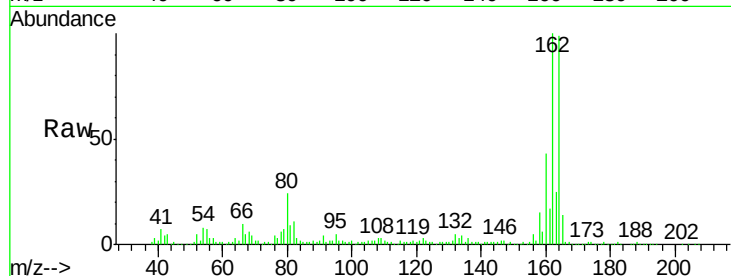
Tot Ion:164 Resp: 292080

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

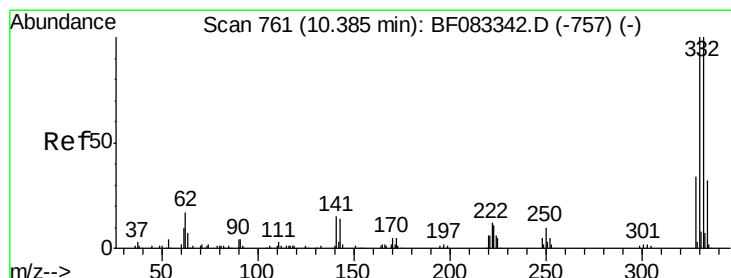
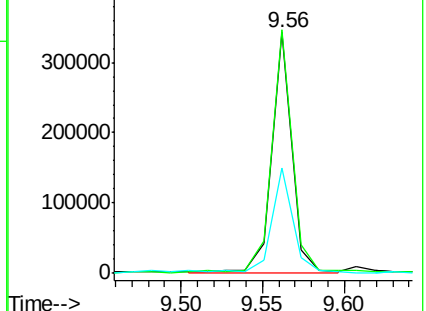
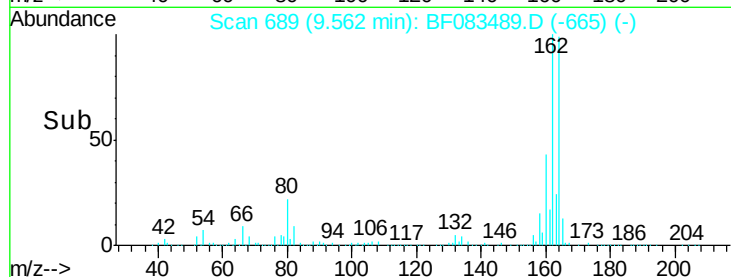
160 43.6 35.3 52.9



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: 99.55 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF083489.D

Acq: 4 Dec 2015 6:00

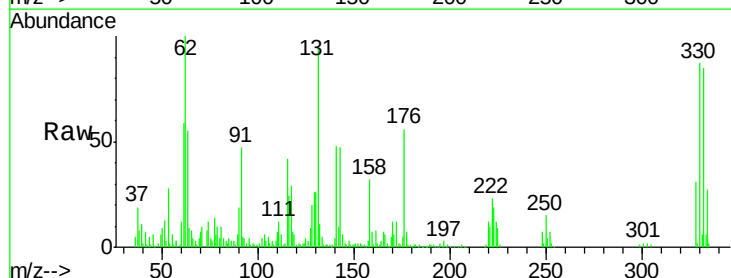
Tgt Ion:330 Resp: 291892

Ion Ratio Lower Upper

330 100

332 98.8 77.8 116.6

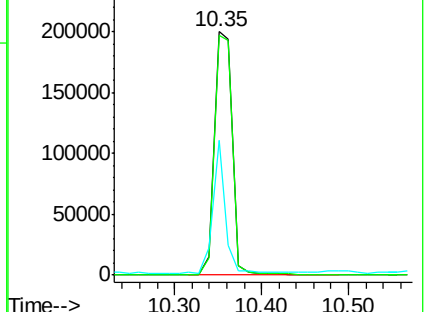
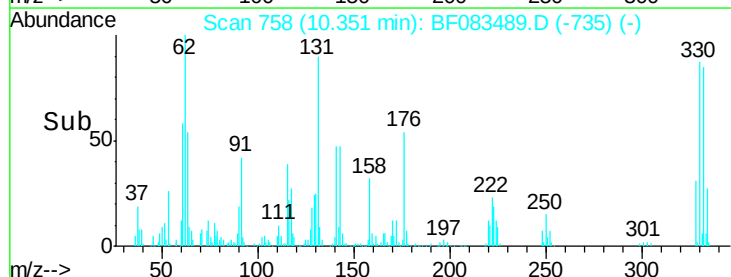
141 38.4 29.4 44.0

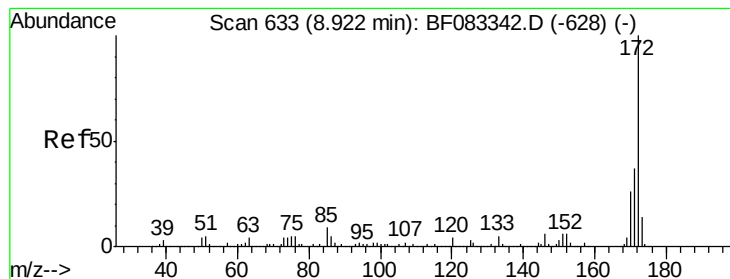


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

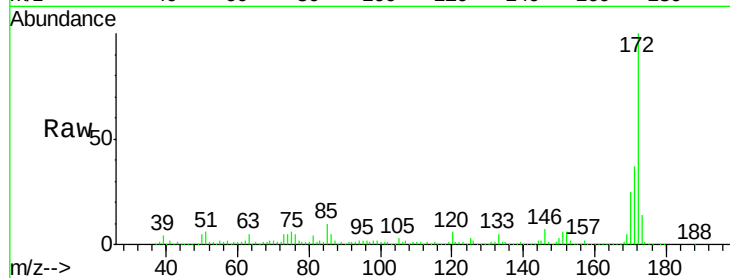




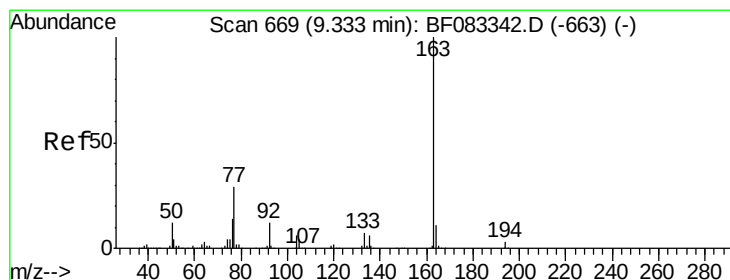
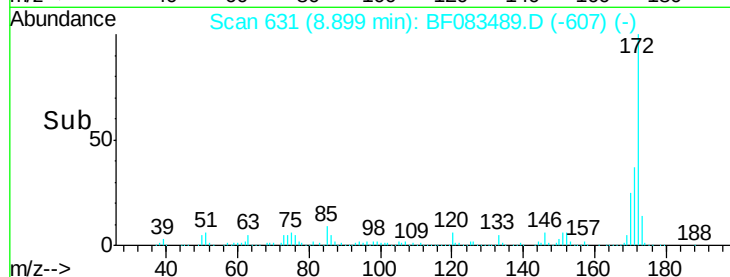
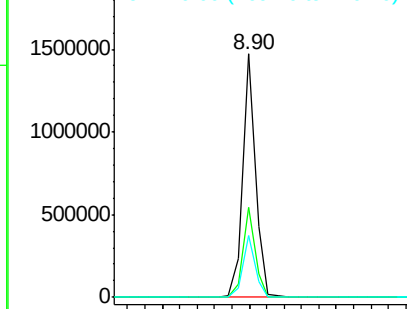
#44
2-Fluorobiphenyl
Concen: 73.03 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083489.D
Acq: 4 Dec 2015 6:00

Instrument :
BNA_F
ClientSampleId :
MW-01

Tot Ion:172 Resp: 1496909
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.0
170 25.2 20.4 30.6

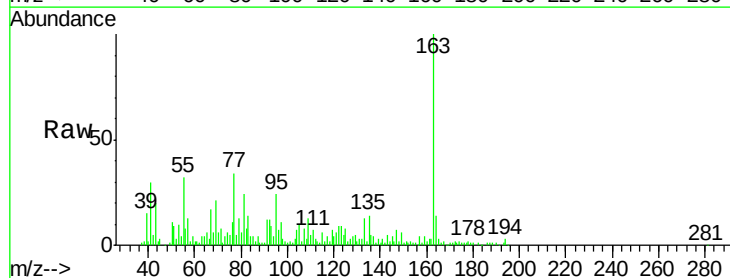


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

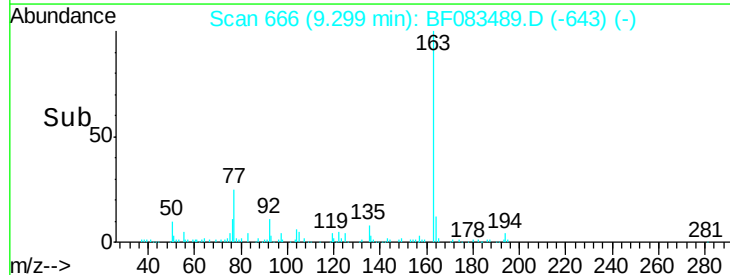
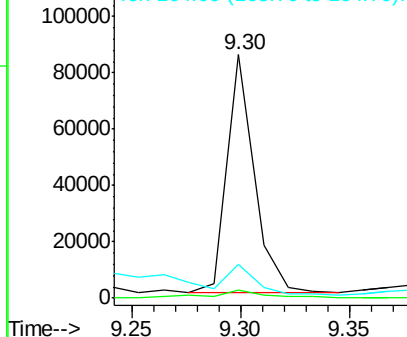


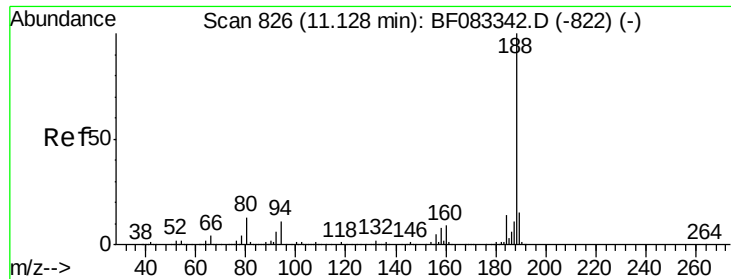
#49
Dimethylphthalate
Concen: 3.11 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083489.D
Acq: 4 Dec 2015 6:00

Tgt Ion:163 Resp: 73789
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 13.9 8.8 13.2#



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

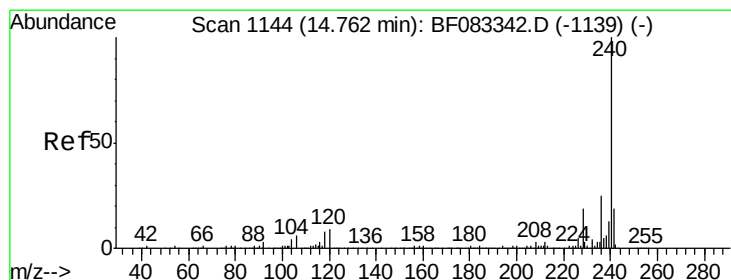
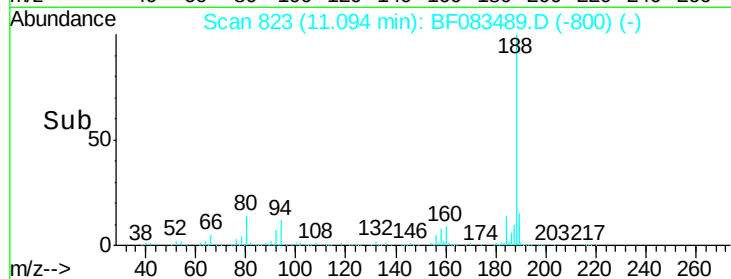
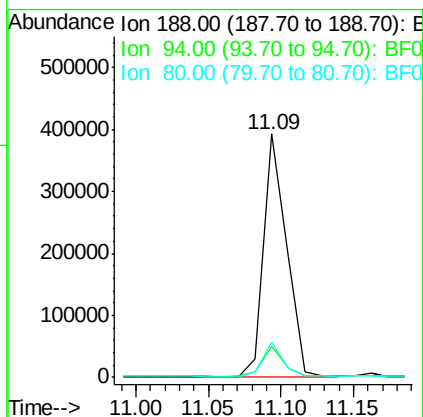
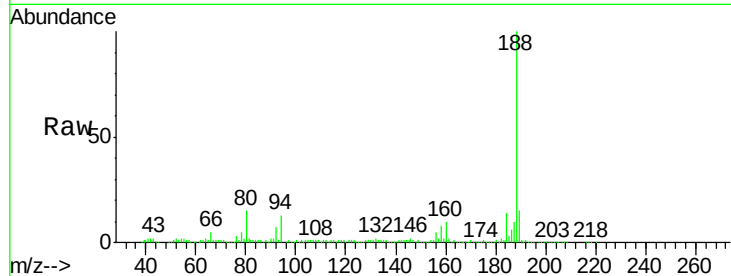




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083489.D
Acq: 4 Dec 2015 6:00

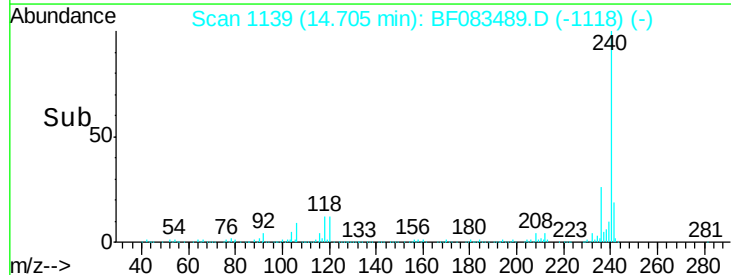
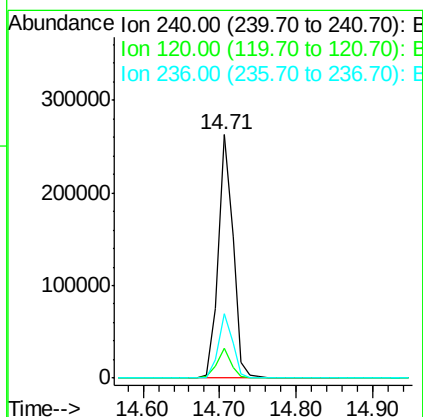
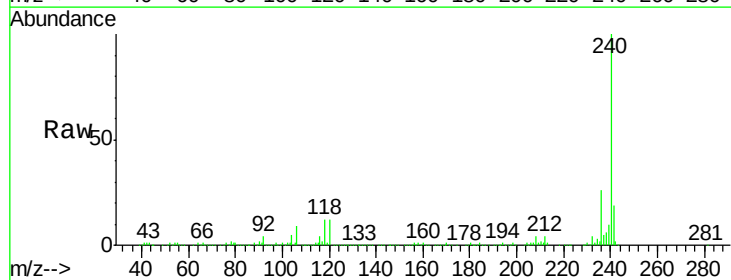
Instrument :
BNA_F
ClientSampled :
MW-01

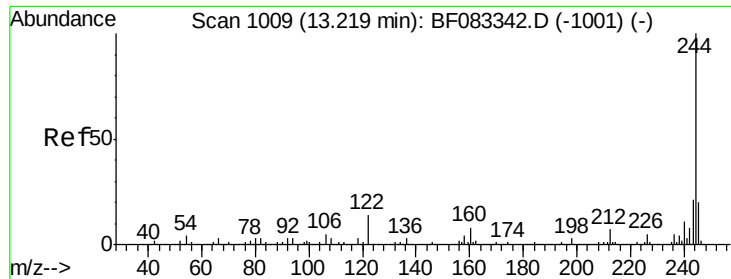
Tot Ion:188 Resp: 430758
Ion Ratio Lower Upper
188 100
94 12.8 8.7 13.1
80 14.6 10.3 15.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083489.D
Acq: 4 Dec 2015 6:00

Tgt Ion:240 Resp: 357178
Ion Ratio Lower Upper
240 100
120 12.3 6.9 10.3#
236 26.2 19.8 29.6

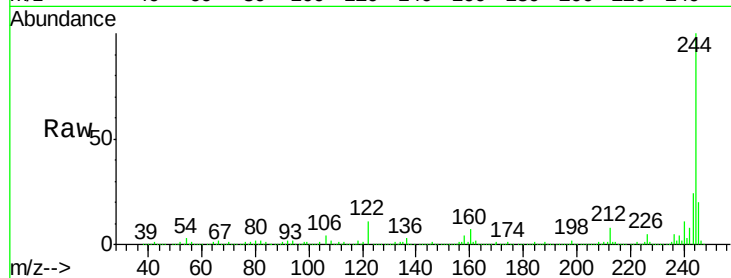




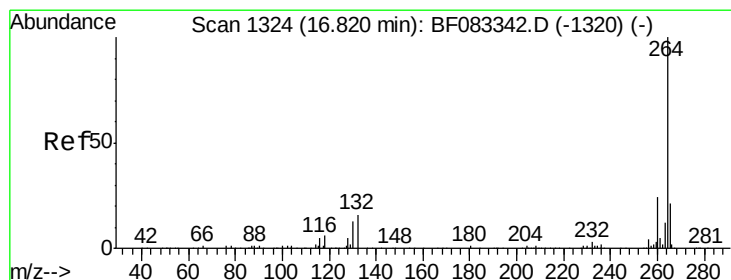
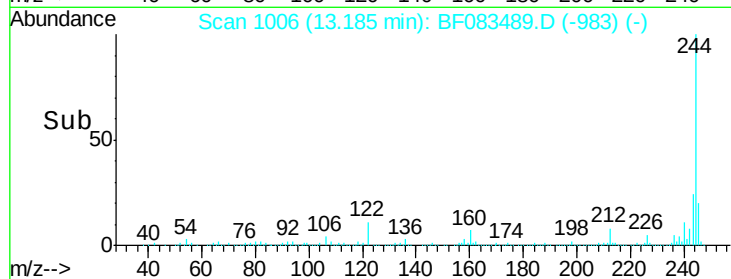
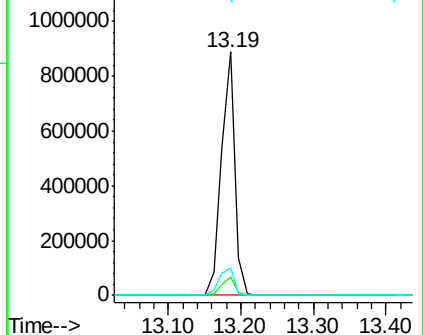
#78
 Terphenyl-d14
 Concen: 76.23 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083489.D
 Acq: 4 Dec 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tot Ion:244 Resp: 1141696
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.0 11.0 16.4

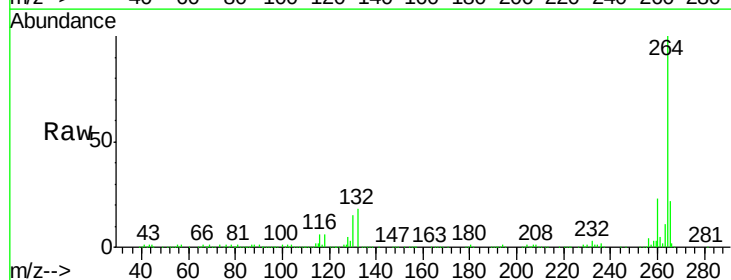


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083489.D
 Acq: 4 Dec 2015 6:00

Tgt Ion:264 Resp: 290573
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 22.0 16.8 25.2



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

