

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083408.D
 Acq On : 2 Dec 2015 9:18
 Operator : UM/IZ
 Sample : G4538-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Quant Time: Dec 02 09:49:53 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

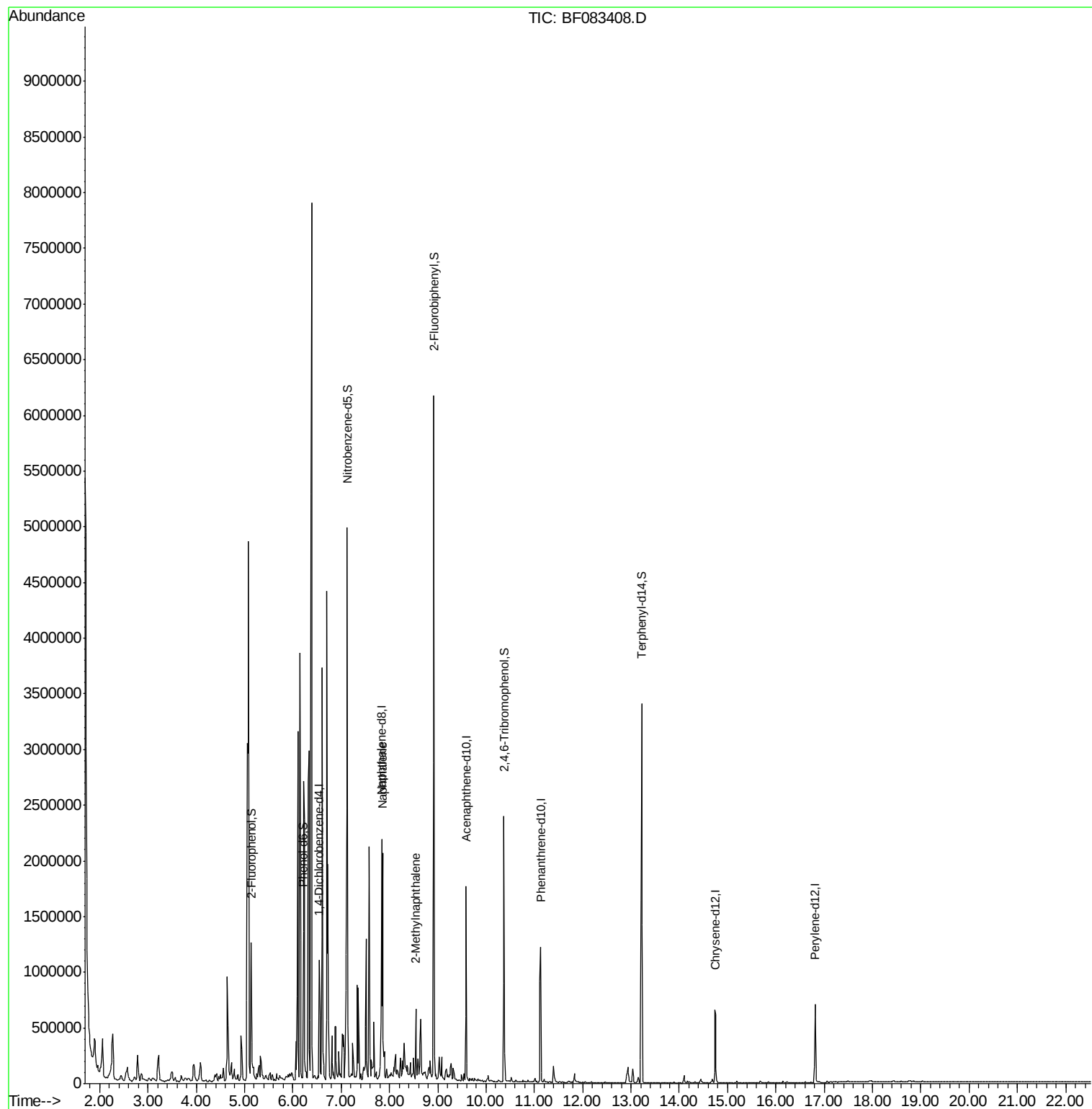
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	187685	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	713226	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	360289	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	607845	20.00	ng	0.00
75) Chrysene-d12	14.75	240	398560	20.00	ng	-0.01
86) Perylene-d12	16.81	264	414043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	582881	46.60	ng	0.01
7) Phenol-d6	6.21	99	511828	29.90	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1398165	86.17	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	268926	74.36	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2101452	83.12	ng	0.00
78) Terphenyl-d14	13.22	244	1535141	91.86	ng	0.00
Target Compounds						
31) Naphthalene	7.86	128	802285	20.73	ng	99
37) 2-Methylnaphthalene	8.54	142	154945	5.99	ng	97

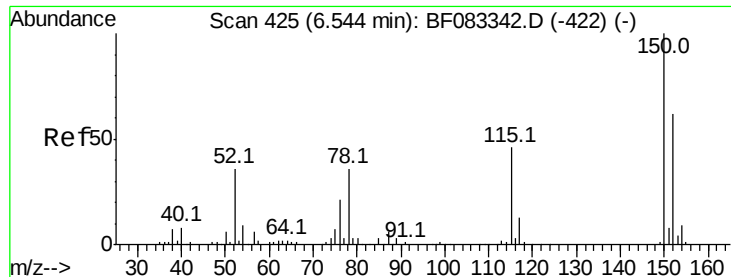
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083408.D

Acq: 2 Dec 2015 9:18

Instrument :

BNA_F

ClientSampled :

W-18

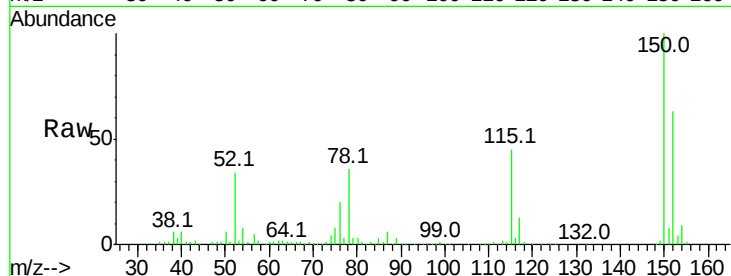
Tot Ion:152 Resp: 187685

Ion Ratio Lower Upper

152 100

150 159.6 129.8 194.8

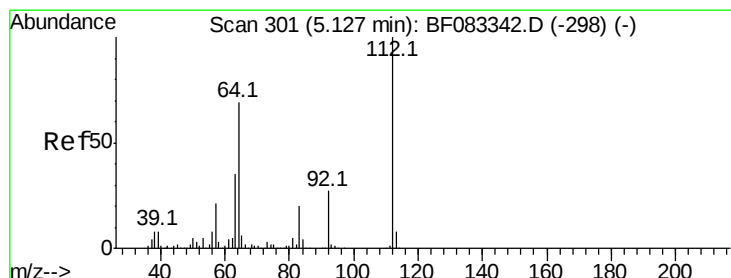
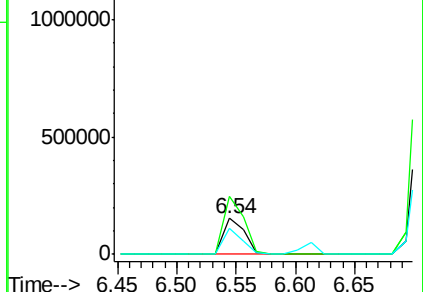
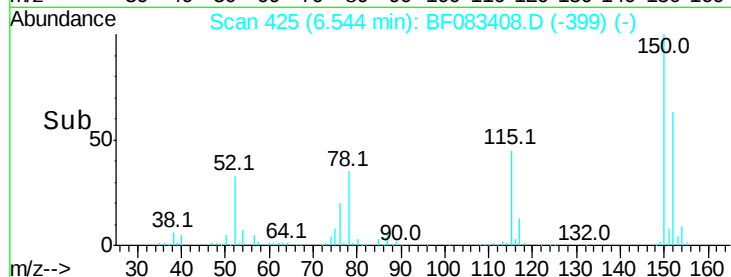
115 72.2 59.2 88.8



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: 46.60 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083408.D

Acq: 2 Dec 2015 9:18

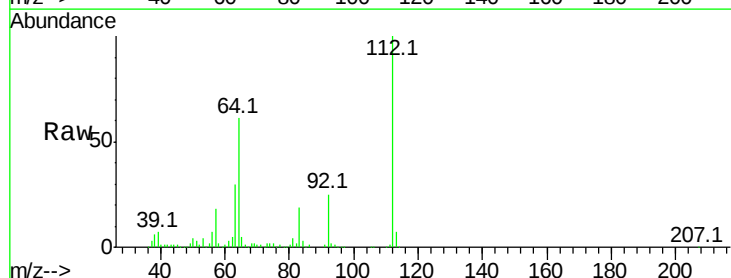
Tgt Ion:112 Resp: 582881

Ion Ratio Lower Upper

112 100

64 61.0 55.6 83.4

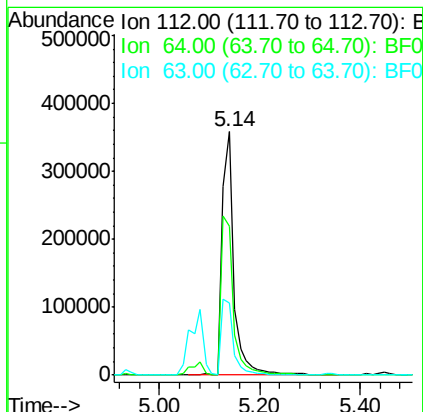
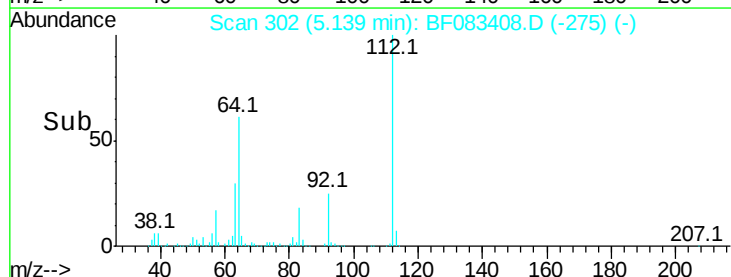
63 29.6 28.2 42.2

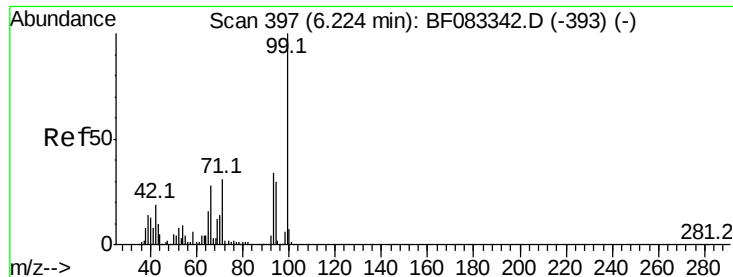


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.90 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083408.D

Acq: 2 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

W-18

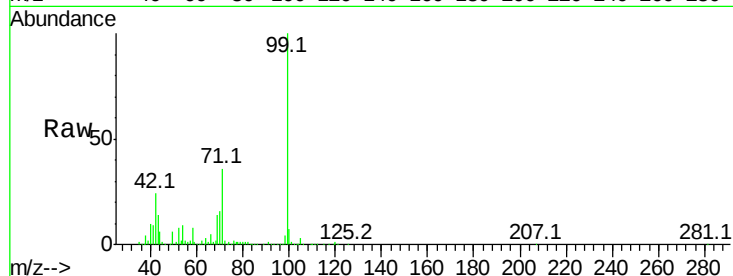
Tot Ion: 99 Resp: 511828

Ion Ratio Lower Upper

99 100

42 24.3 14.9 22.3#

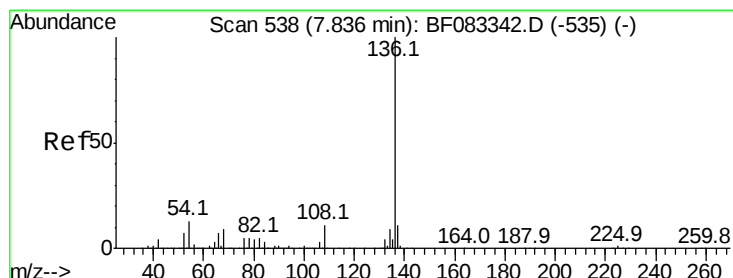
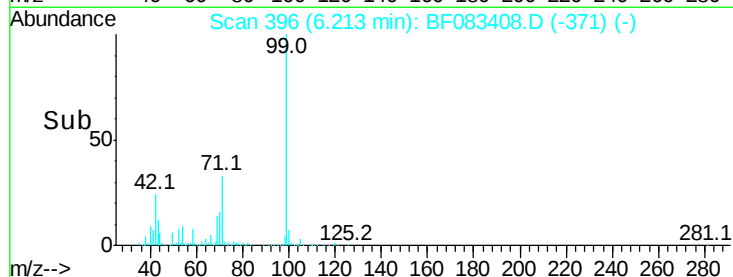
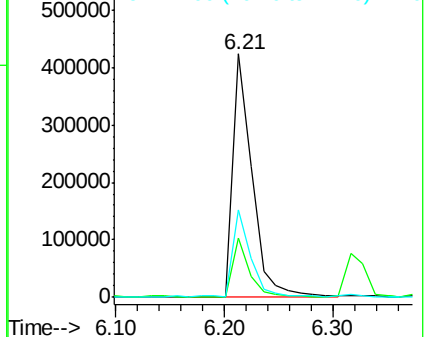
71 35.7 24.7 37.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083408.D

Acq: 2 Dec 2015 9:18

Tgt Ion: 136 Resp: 713226

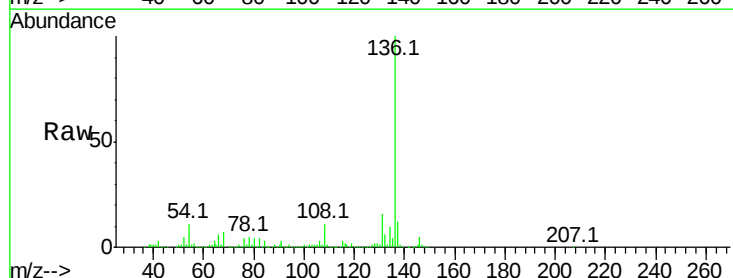
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 10.6 10.1 15.1

68 7.5 7.1 10.7

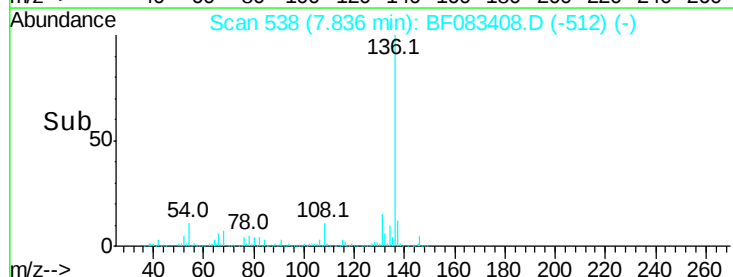
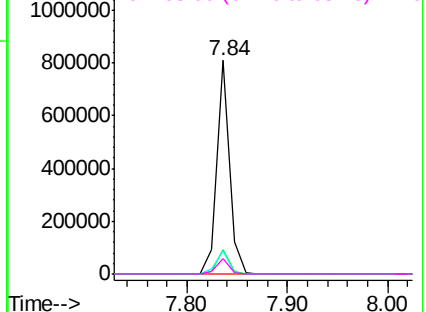


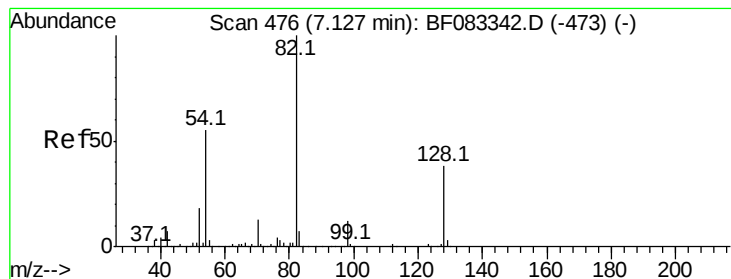
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.17 ng

RT: 7.13 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF083408.D

Acq: 2 Dec 2015 9:18

Instrument :

BNA_F

ClientSampleId :

W-18

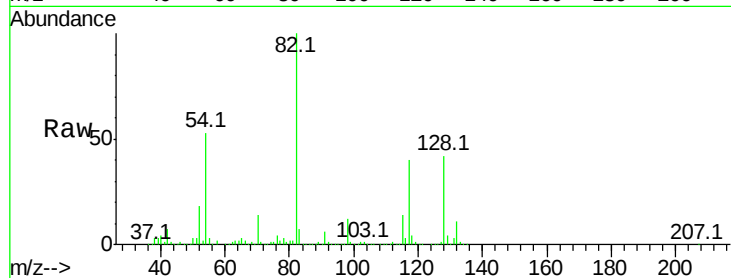
Tot Ion: 82 Resp: 1398165

Ion	Ratio	Lower	Upper
82	100		
128	41.5	30.6	46.0
54	52.8	43.8	65.6

82 100

128 41.5 30.6 46.0

54 52.8 43.8 65.6

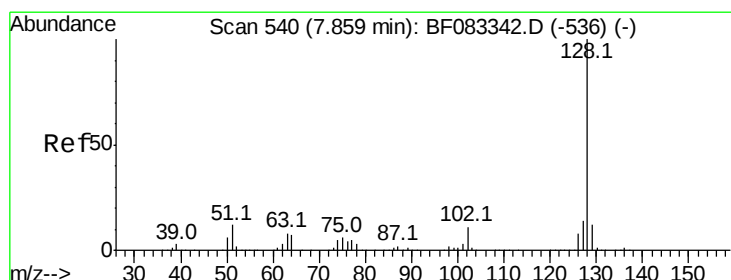
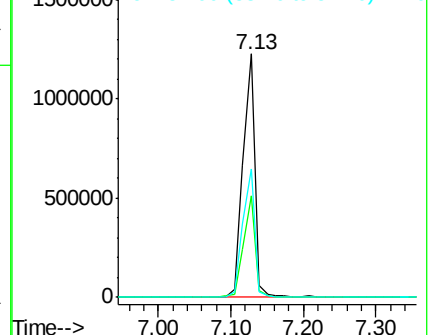
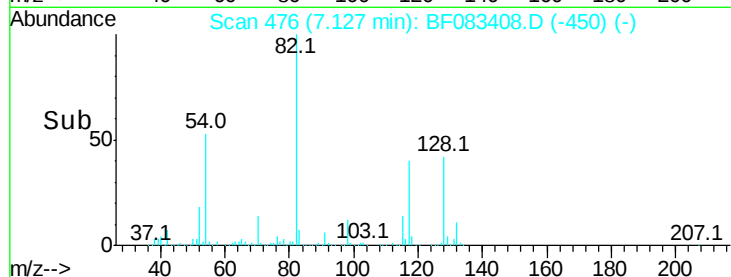


Abundance

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



#31

Naphthalene

Concen: 20.73 ng

RT: 7.86 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF083408.D

Acq: 2 Dec 2015 9:18

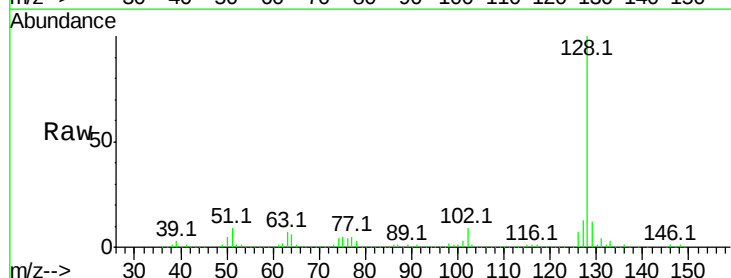
Tgt Ion:128 Resp: 802285

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.4	11.0	16.4

128 100

129 11.8 9.7 14.5

127 13.4 11.0 16.4

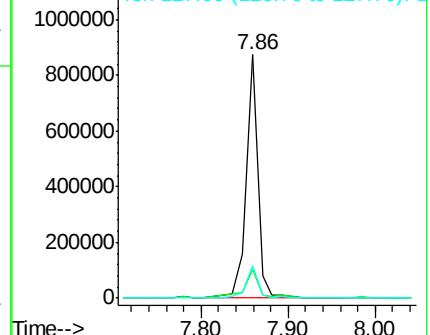
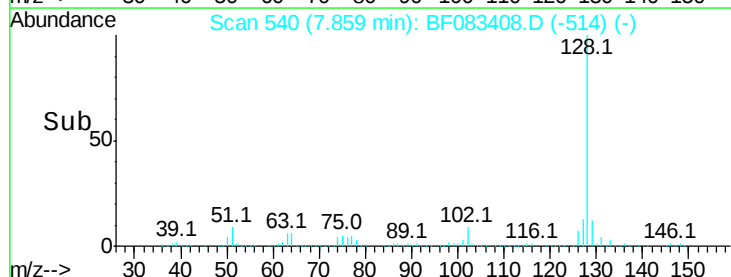


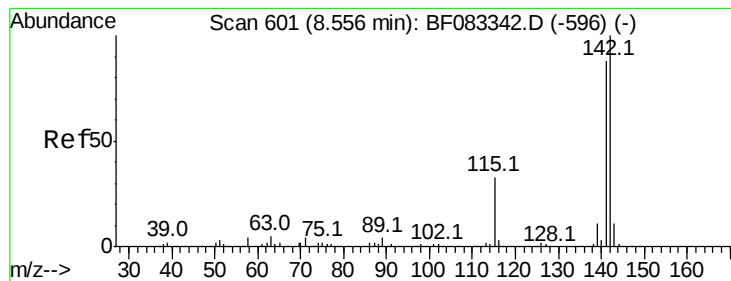
Abundance

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

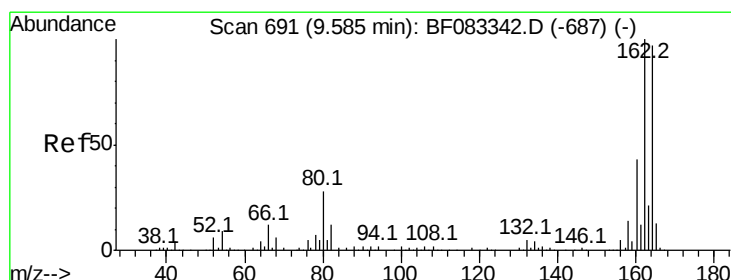
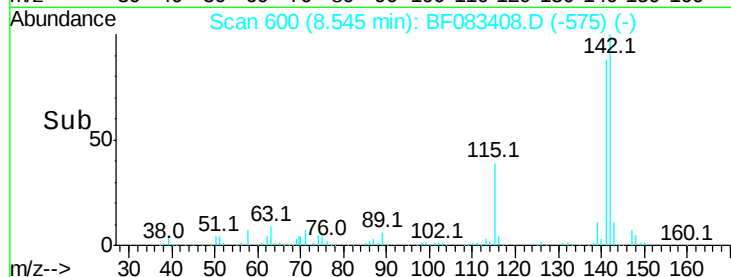
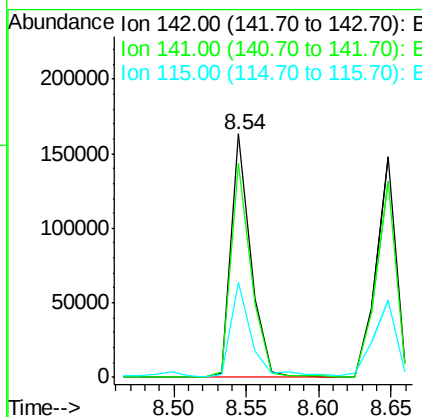
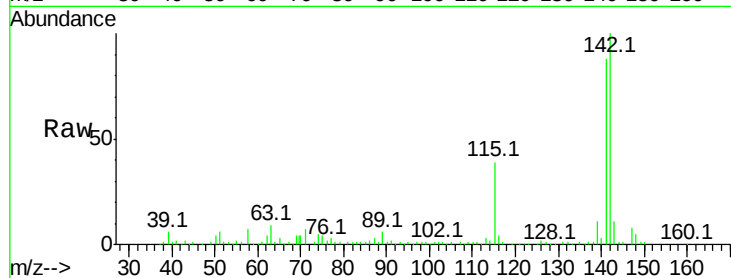




#37
 2-Methylnaphthalene
 Concen: 5.99 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083408.D
 Acq: 2 Dec 2015 9:18

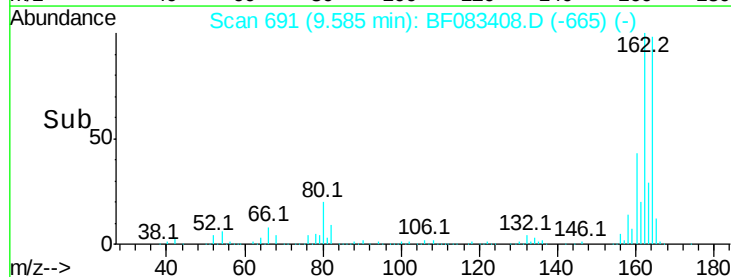
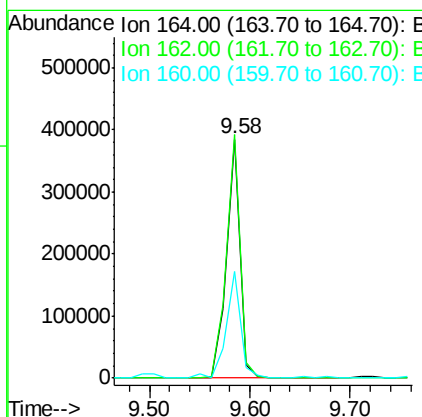
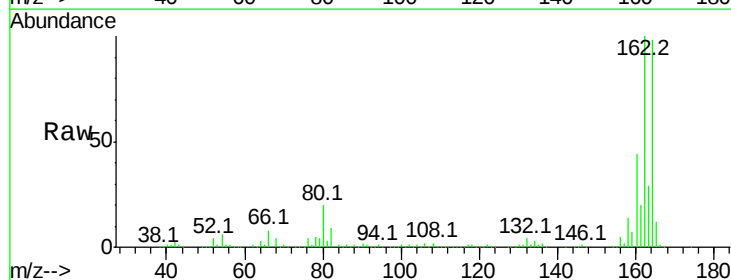
Instrument :
 BNA_F
 ClientSampleId :
 W-18

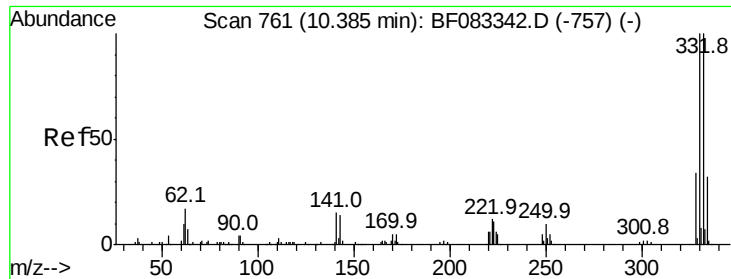
Tot Ion:142 Resp: 154945
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.6 105.8
 115 39.2 26.2 39.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083408.D
 Acq: 2 Dec 2015 9:18

Tgt Ion:164 Resp: 360289
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 44.9 35.3 52.9

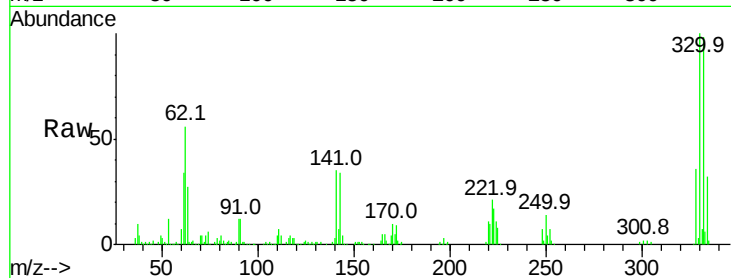




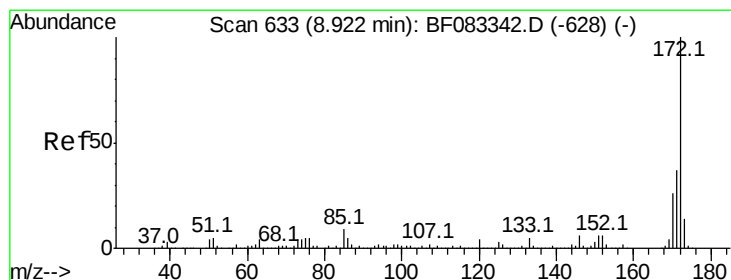
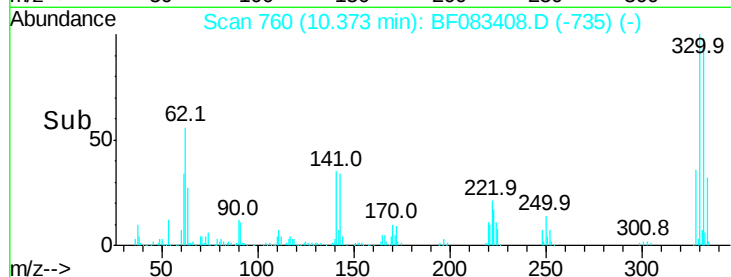
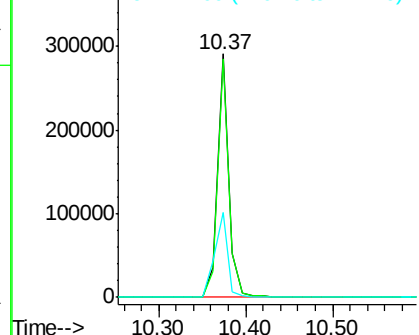
#41
 2,4,6-Tribromophenol
 Concen: 74.36 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083408.D
 Acq: 2 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	39.8	29.4	44.0

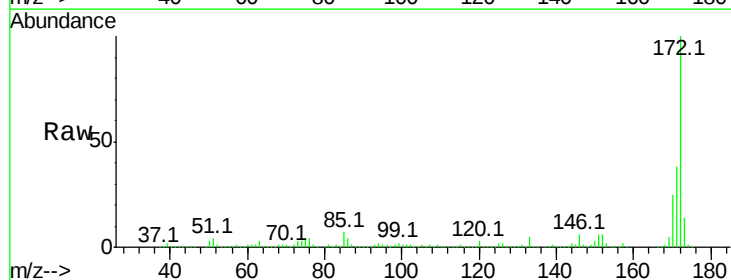


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

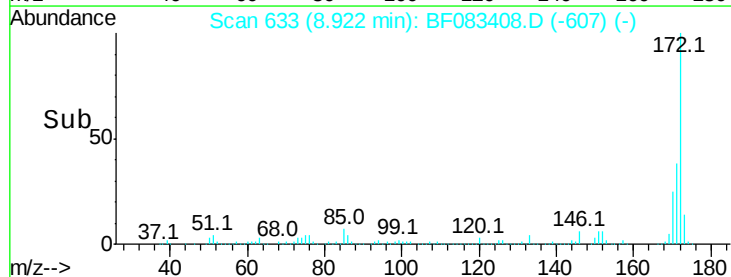
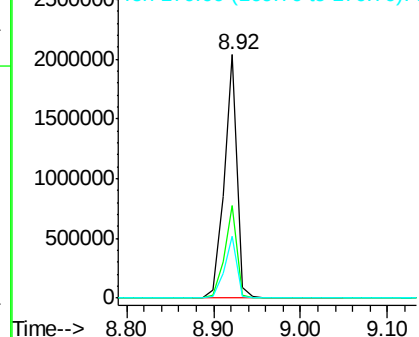


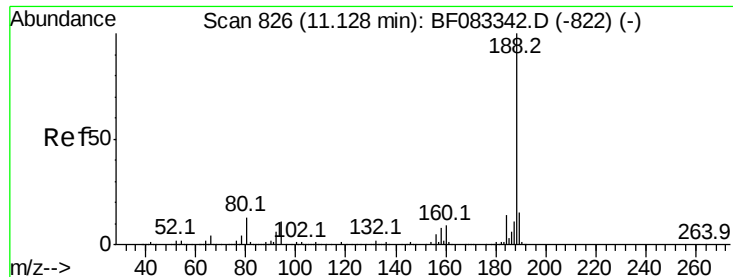
#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083408.D
 Acq: 2 Dec 2015 9:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.0
170	25.3	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

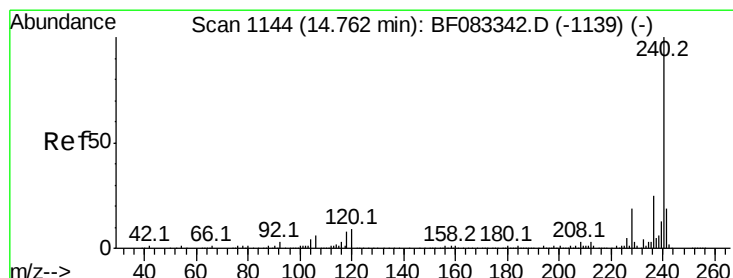
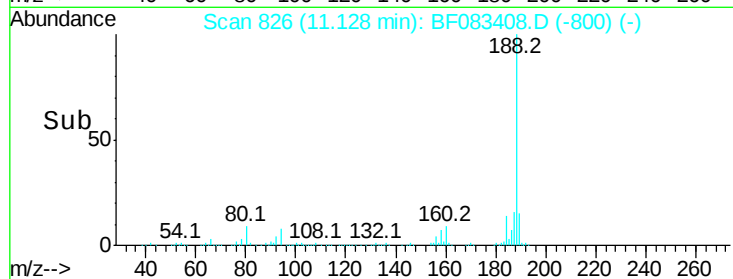
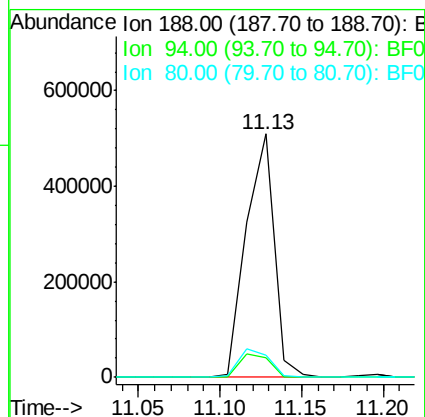
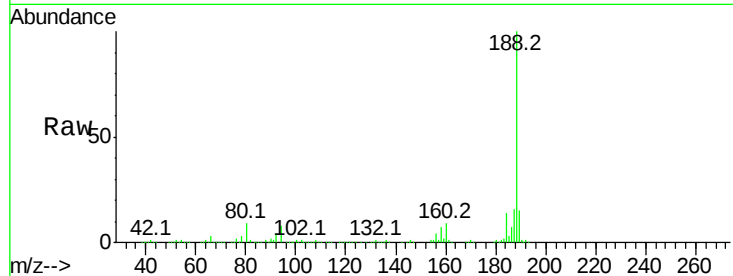




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083408.D
Acq: 2 Dec 2015 9:18

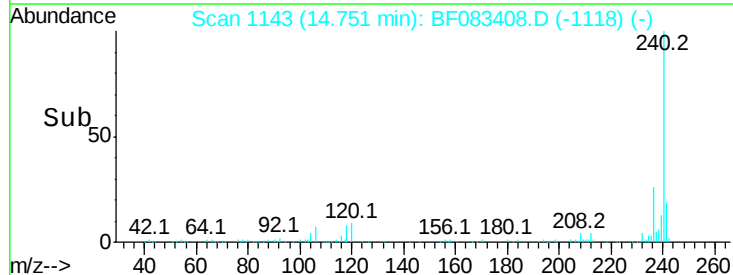
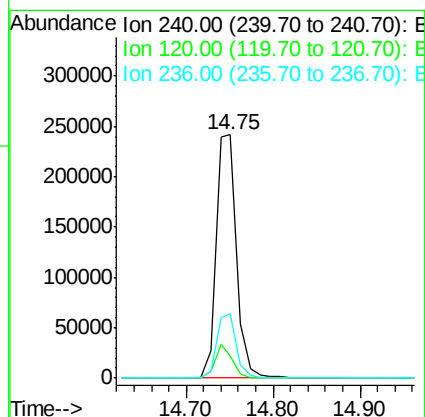
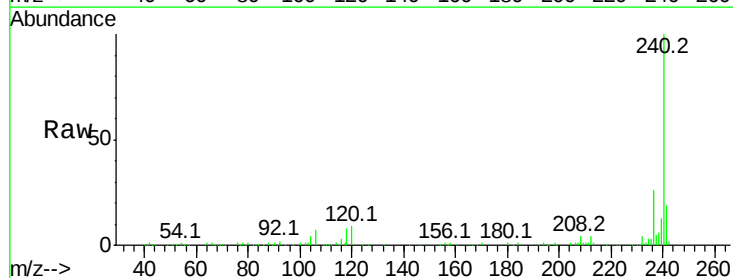
Instrument :
BNA_F
ClientSampleId :
W-18

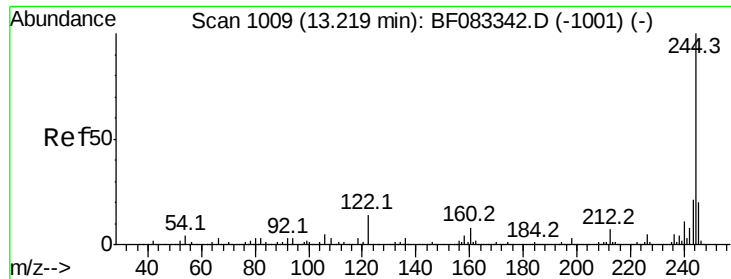
Tot Ion:188 Resp: 607845
Ion Ratio Lower Upper
188 100
94 8.1 8.7 13.1#
80 9.0 10.3 15.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083408.D
Acq: 2 Dec 2015 9:18

Tgt Ion:240 Resp: 398560
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 26.3 19.8 29.6

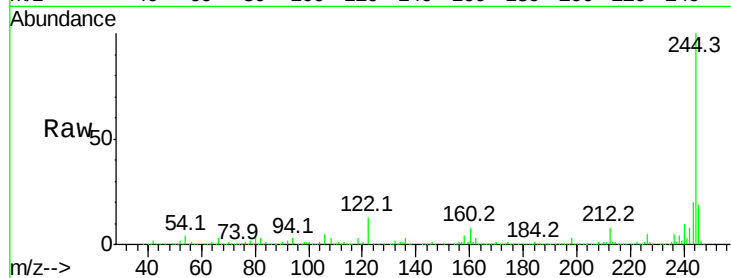




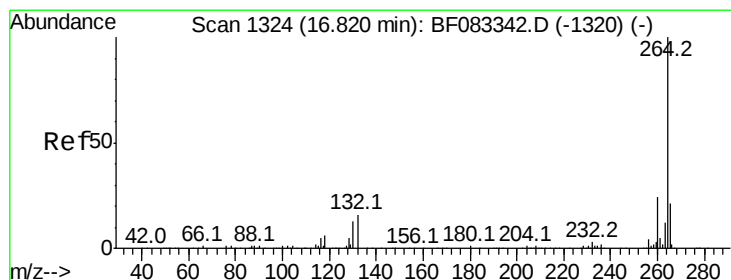
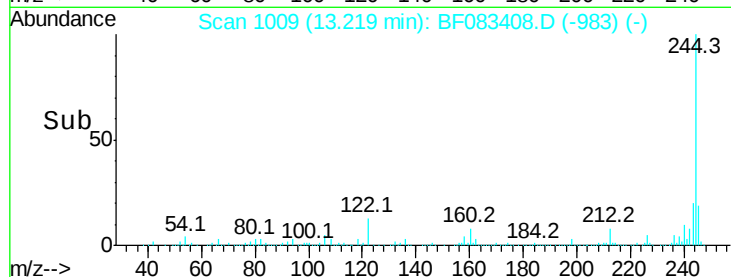
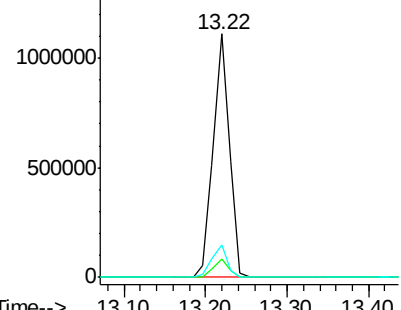
#78
 Terphenyl-d14
 Concen: 91.86 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083408.D
 Acq: 2 Dec 2015 9:18

Instrument :
 BNA_F
 ClientSampled :
 W-18

Tot Ion:244 Resp: 1535141
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 13.1 11.0 16.4

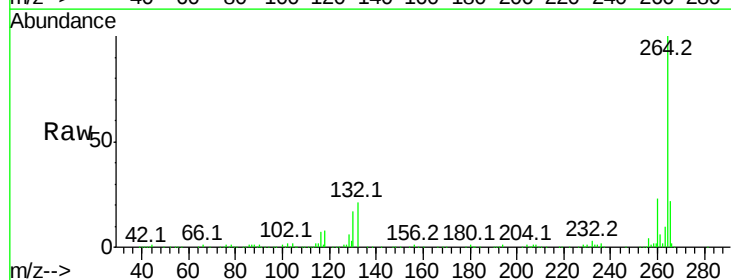


Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF083408.D
 Acq: 2 Dec 2015 9:18

Tgt Ion:264 Resp: 414043
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 22.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

