

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083747.D
 Acq On : 13 Dec 2015 23:36
 Operator : UM/IZ
 Sample : G4743-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM1-EAST-13

Quant Time: Dec 14 03:23:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

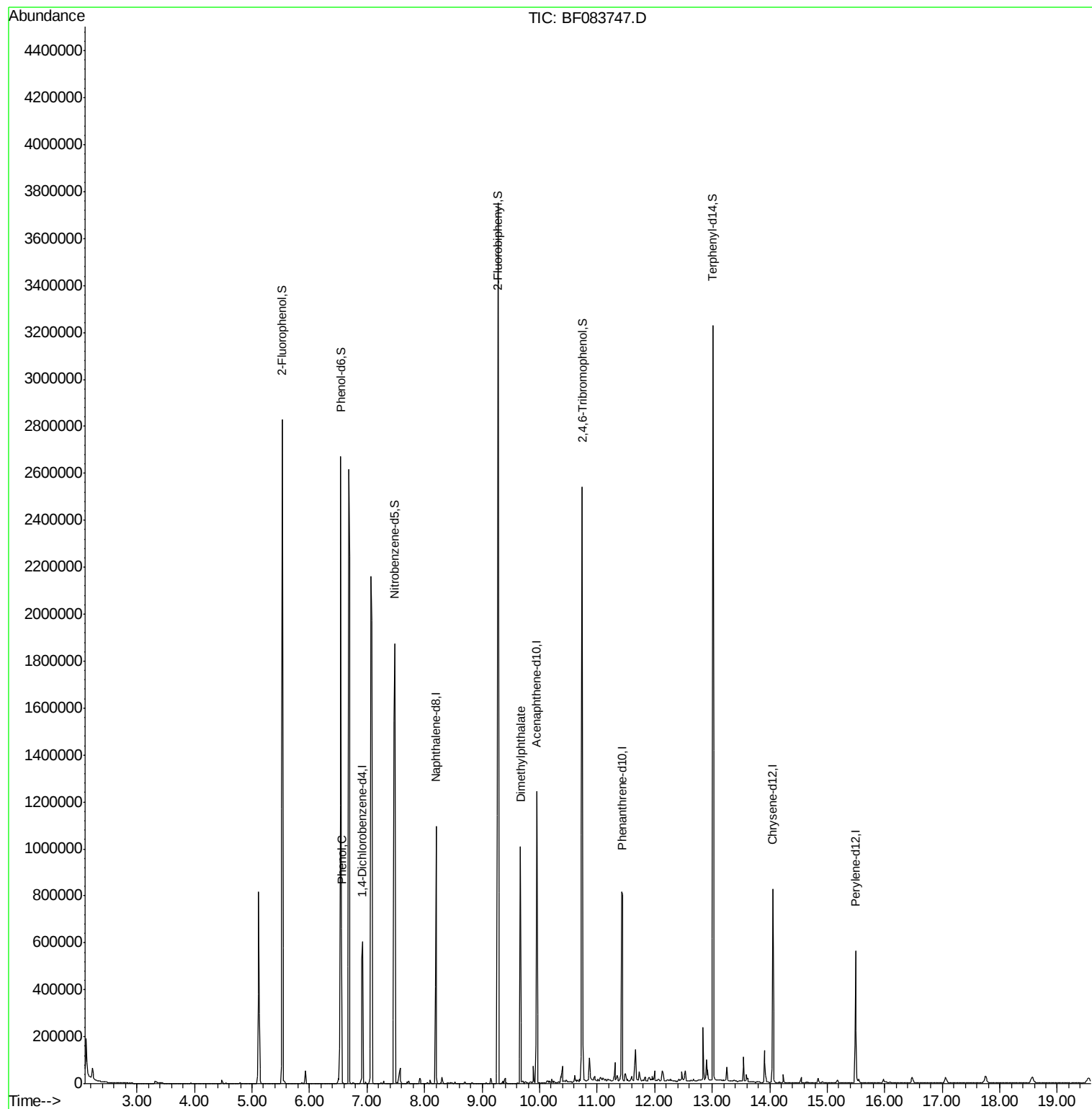
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	130694	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	534786	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	247066	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	445816	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	294793	20.00	ng	-0.02
86) Perylene-d12	15.49	264	248208	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	965237	119.15	ng	0.00
7) Phenol-d6	6.54	99	1195644	116.54	ng	0.00
23) Nitrobenzene-d5	7.48	82	881106	92.18	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	326575	129.72	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1310320	75.00	ng	-0.01
78) Terphenyl-d14	13.01	244	1183219	86.34	ng	-0.01
Target Compounds						
10) Phenol	6.56	94	24303	2.06	ng	95
49) Dimethylphthalate	9.66	163	431293	22.39	ng	100

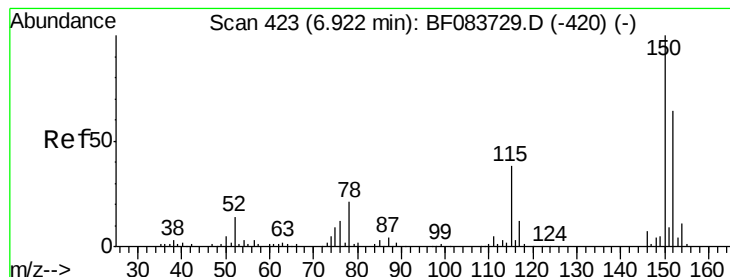
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

BOTTOM1-EAST-13

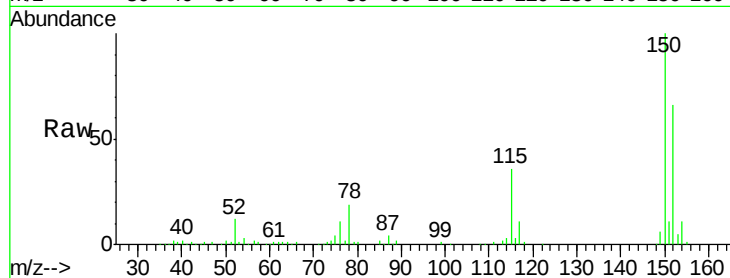
Tot Ion:152 Resp: 130694

Ion Ratio Lower Upper

152 100

150 151.9 126.5 189.7

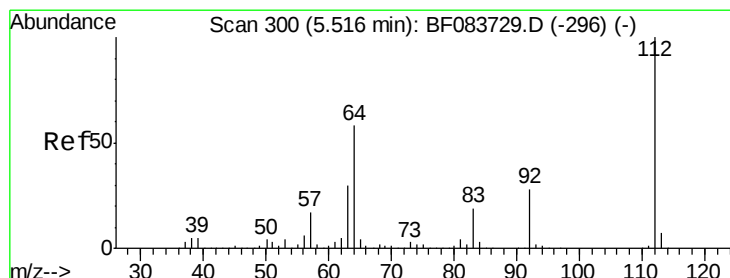
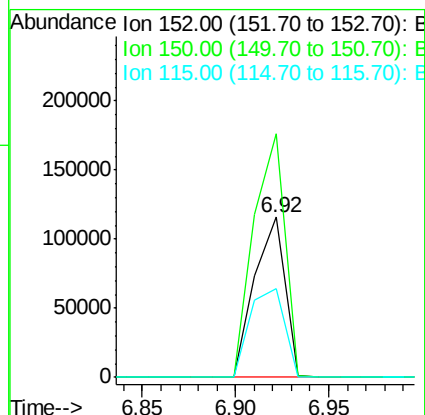
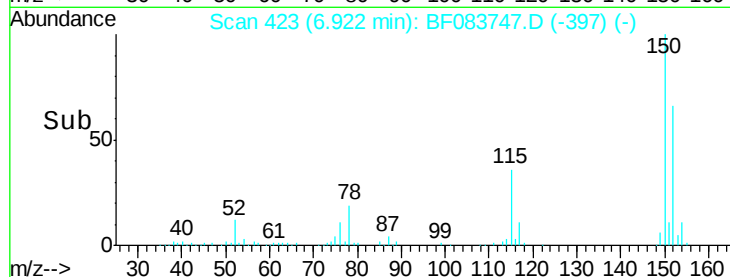
115 55.0 52.3 78.5



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: 119.15 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

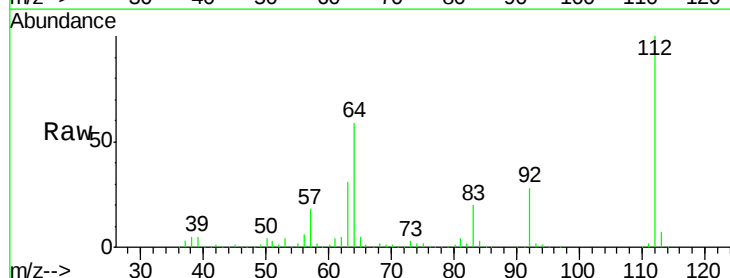
Tgt Ion:112 Resp: 965237

Ion Ratio Lower Upper

112 100

64 58.9 50.5 75.7

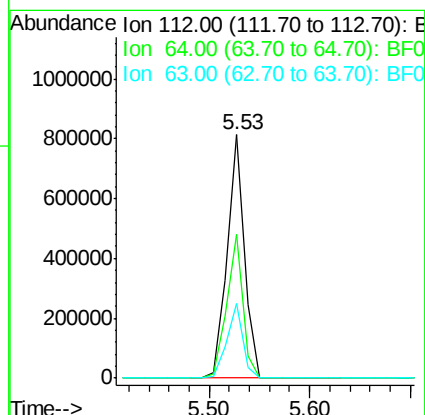
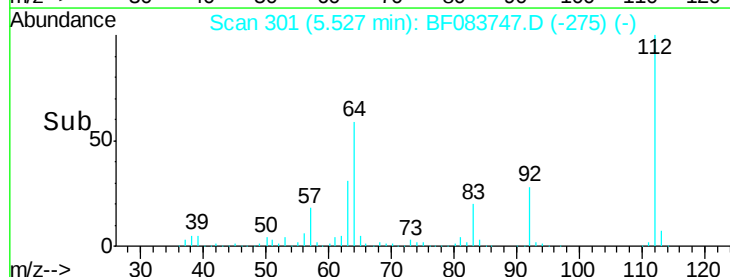
63 30.7 25.8 38.6

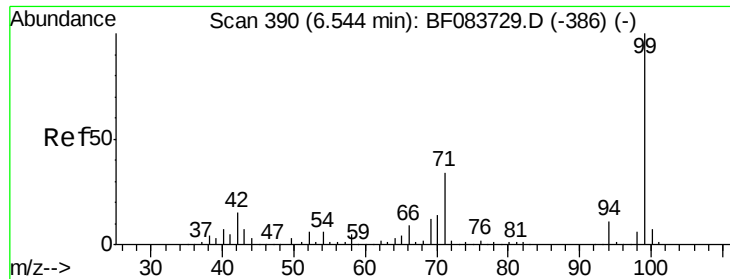


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.54 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

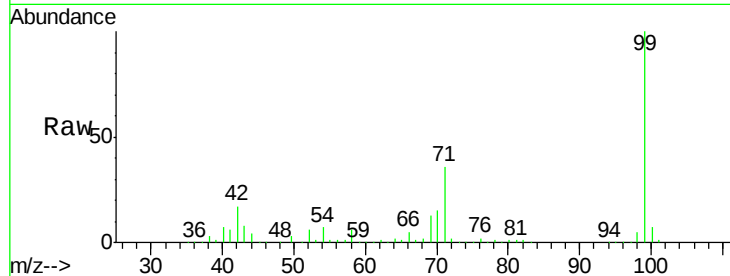
BNA_F

ClientSampleId :

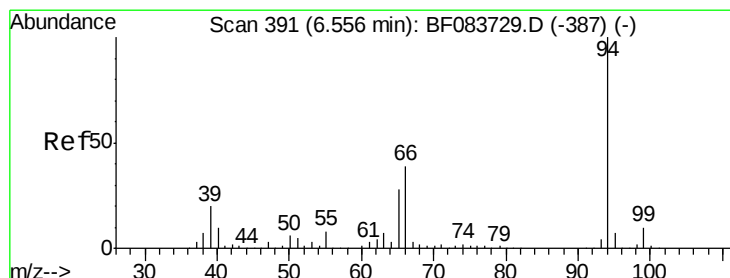
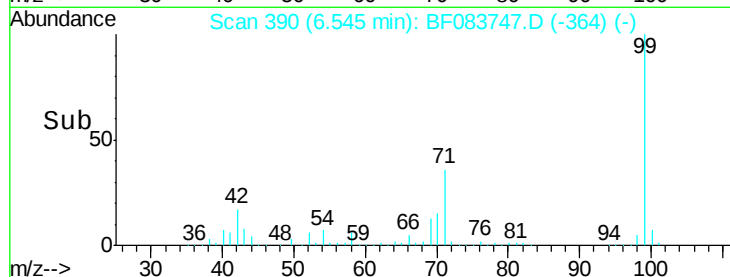
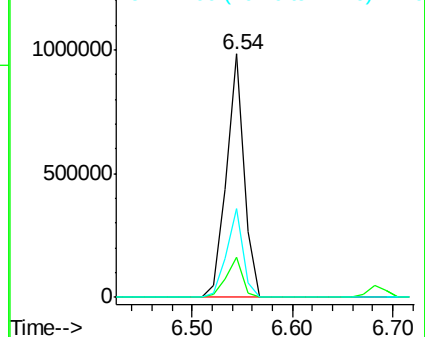
BOTTOM1-EAST-13

Tot Ion: 99 Resp: 1195644

Ion	Ratio	Lower	Upper
99	100		
42	16.6	17.3	25.9#
71	36.3	26.6	40.0



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



#10

Phenol

Concen: 2.06 ng

RT: 6.56 min Scan# 391

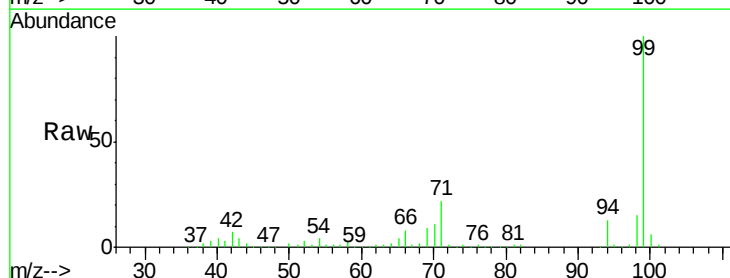
Delta R.T. 0.00 min

Lab File: BF083747.D

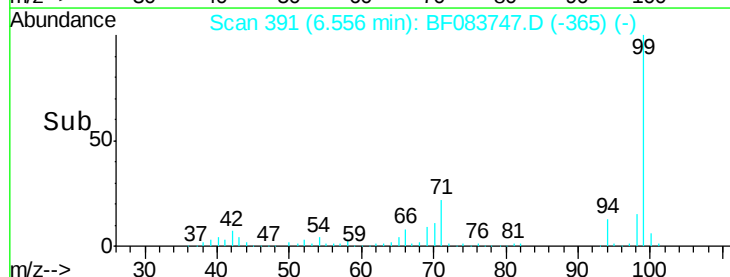
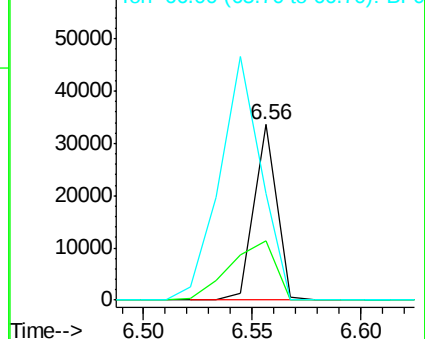
Acq: 13 Dec 2015 23:36

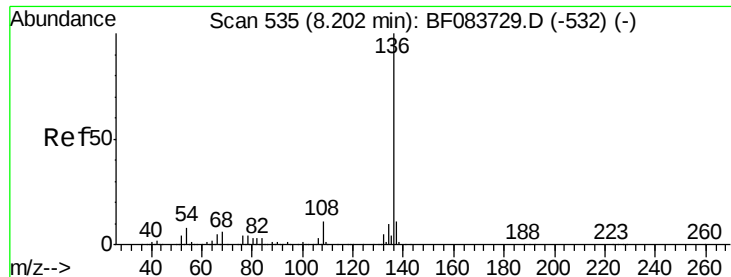
Tgt Ion: 94 Resp: 24303

Ion	Ratio	Lower	Upper
94	100		
65	33.5	20.9	60.9
66	61.0	41.6	81.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

Instrument :

BNA_F

ClientSampleId :

BOTTOM1-EAST-13

Tot Ion:136 Resp: 534786

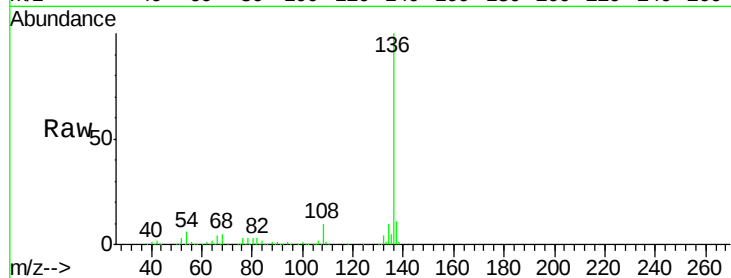
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 7.8 11.6#

68 5.1 5.7 8.5#

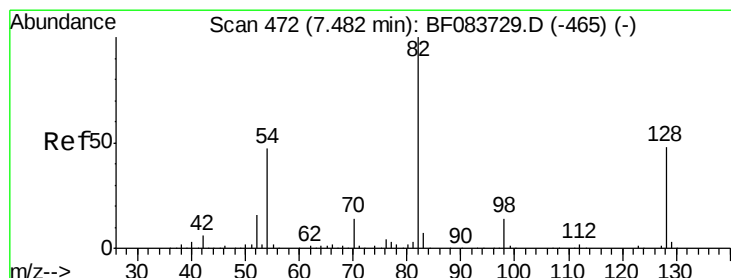
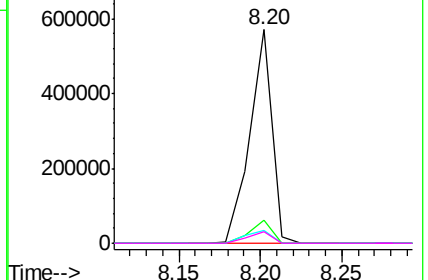
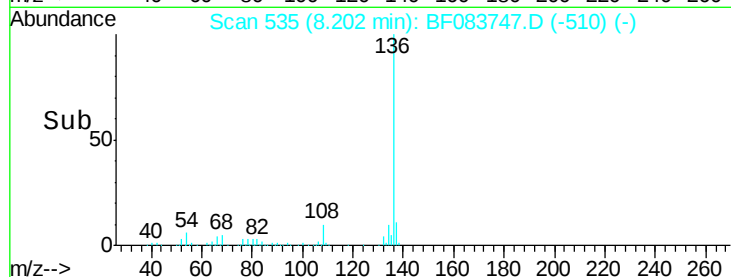


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.18 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083747.D

Acq: 13 Dec 2015 23:36

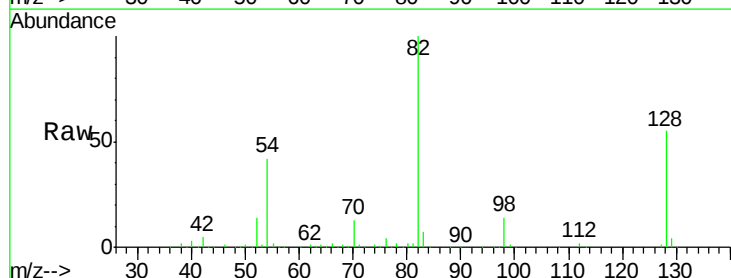
Tgt Ion: 82 Resp: 881106

Ion Ratio Lower Upper

82 100

128 54.8 30.7 46.1#

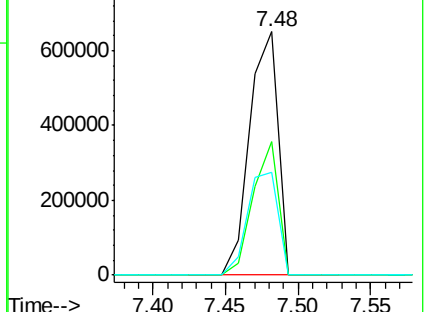
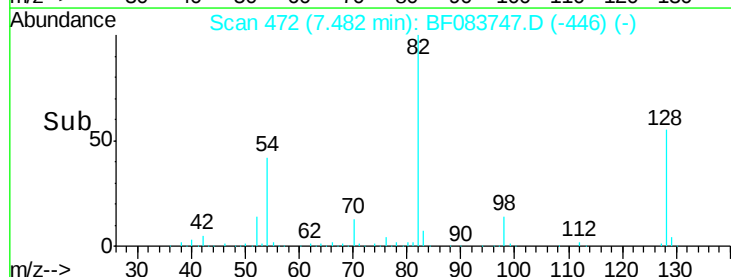
54 42.5 42.5 63.7#

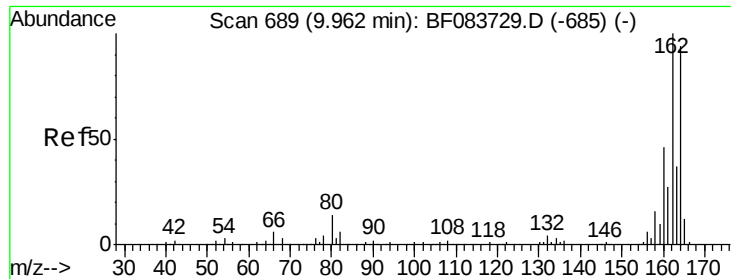


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

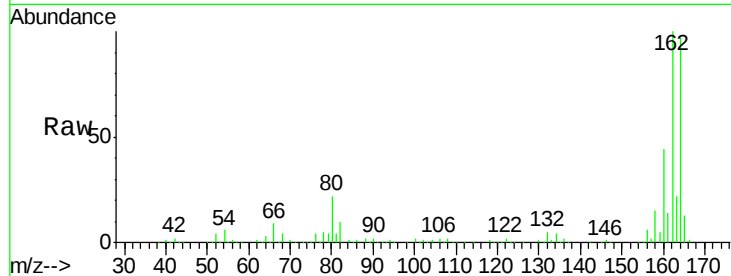




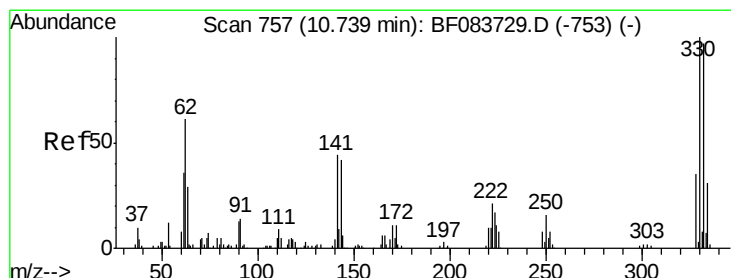
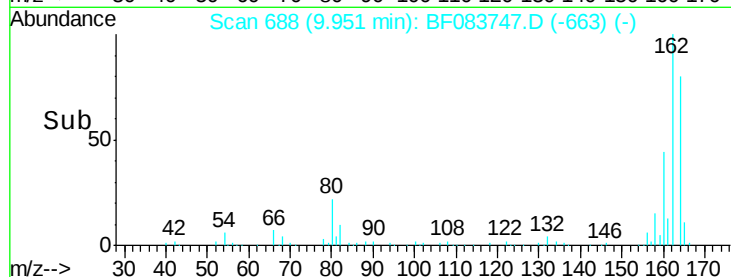
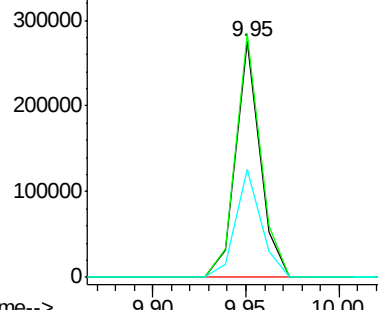
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Instrument :
BNA_F
ClientSampleId :
BOTTOM1-EAST-13

Tot Ion:164 Resp: 247066
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 45.9 33.4 50.2

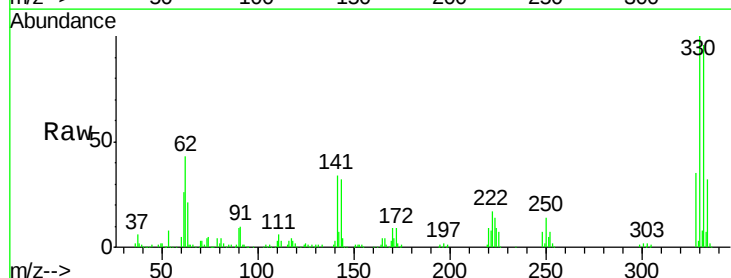


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

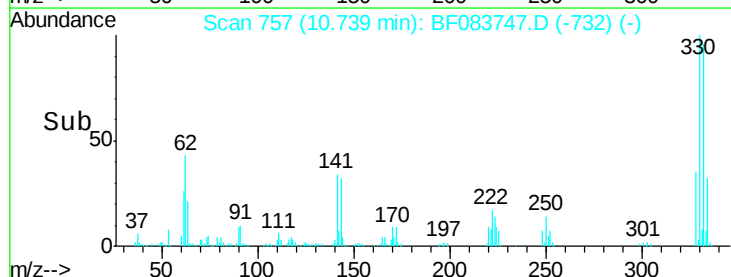
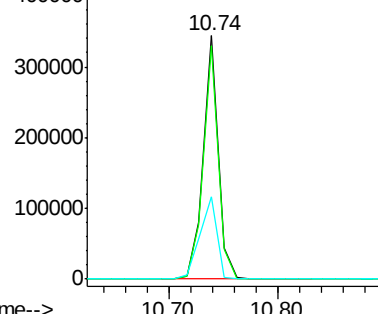


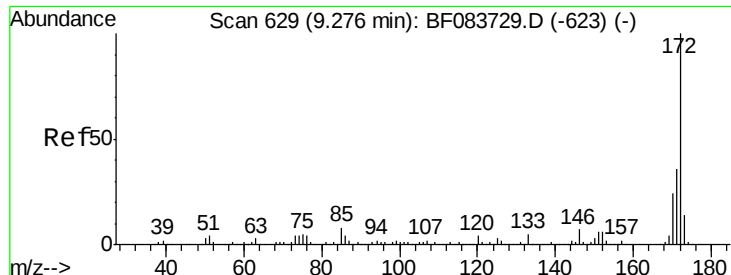
#41
2,4,6-Tribromophenol
Concen: 129.72 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:330 Resp: 326575
Ion Ratio Lower Upper
330 100
332 96.0 0.0 0.0#
141 38.5 0.0 0.0#



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

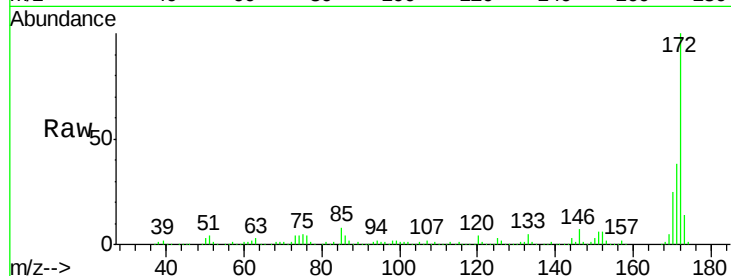




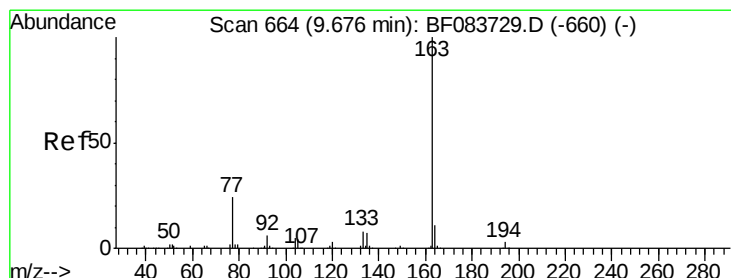
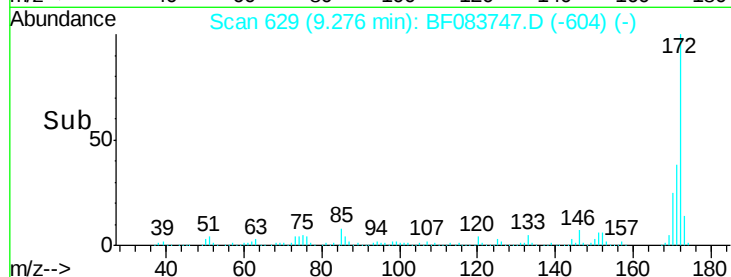
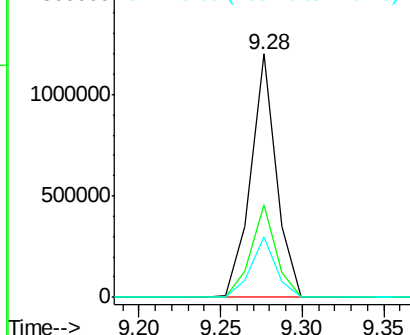
#44
2-Fluorobiphenyl
Concen: 75.00 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Instrument :
BNA_F
ClientSampleId :
BOTTOM1-EAST-13

Tot Ion:172 Resp: 1310320
Ion Ratio Lower Upper
172 100
171 37.8 28.6 42.8
170 25.0 19.4 29.0

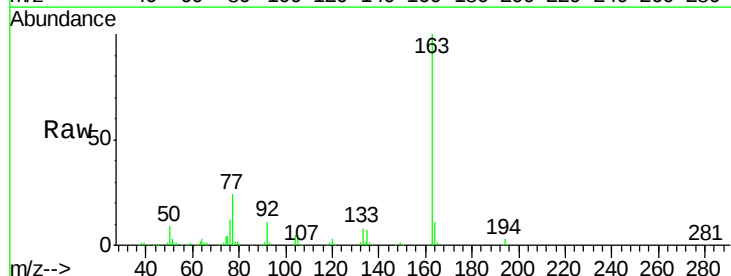


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

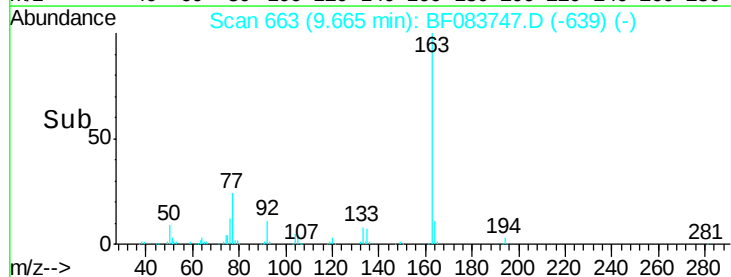
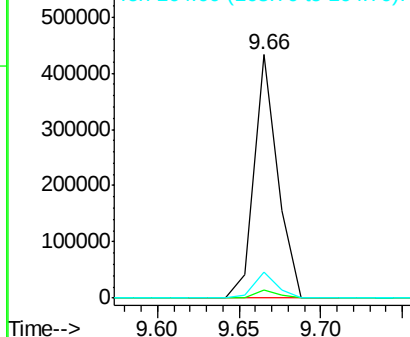


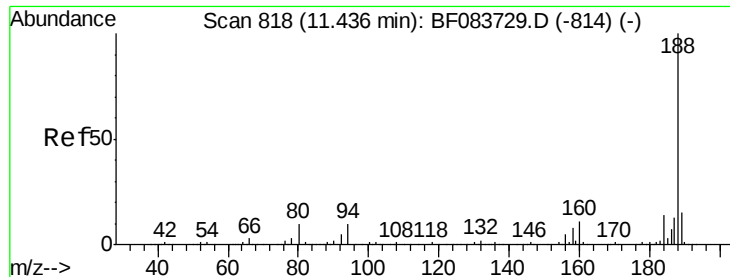
#49
Dimethylphthalate
Concen: 22.39 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:163 Resp: 431293
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.7 8.6 13.0



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

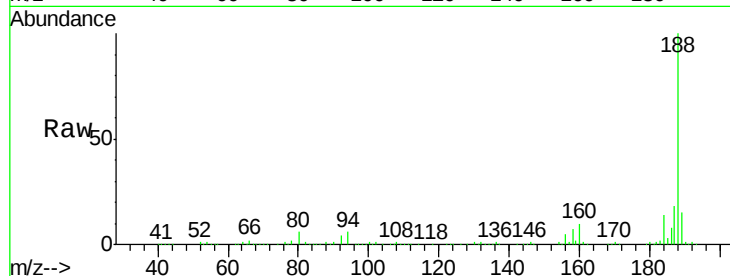




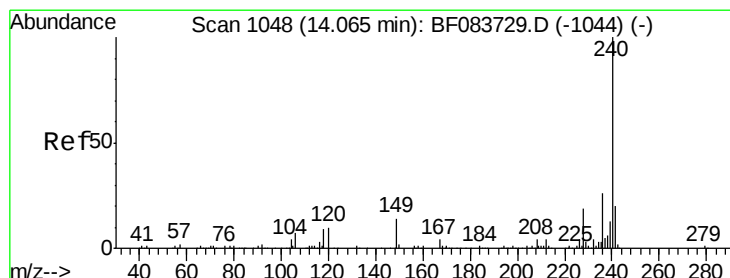
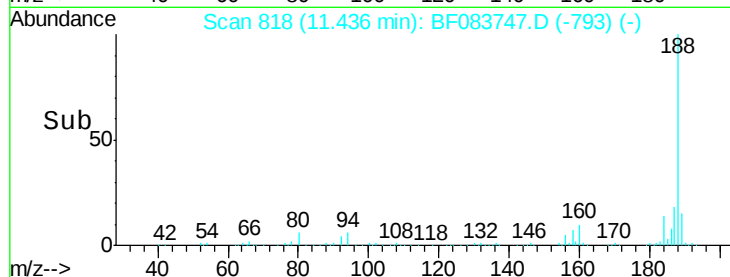
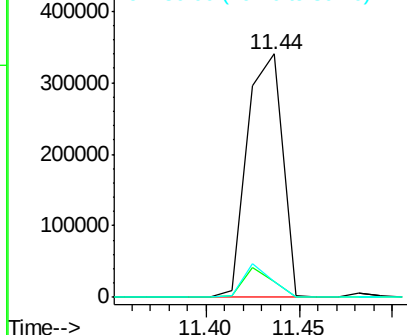
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Instrument :
BNA_F
ClientSampleId :
BOTTOM1-EAST-13

Tot Ion:188 Resp: 445816
Ion Ratio Lower Upper
188 100
94 6.3 9.4 14.2#
80 6.5 10.6 16.0#

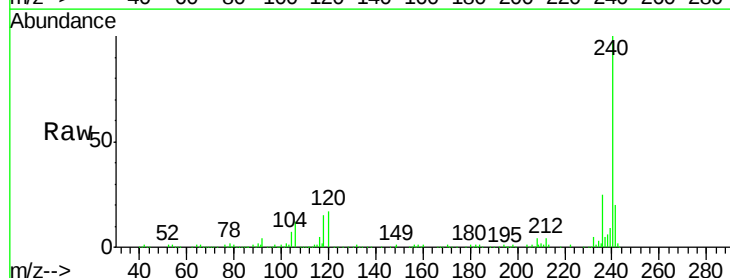


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

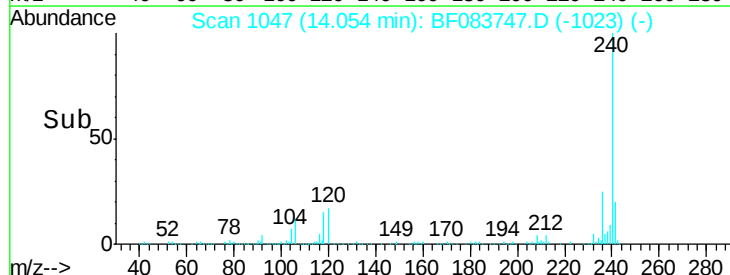
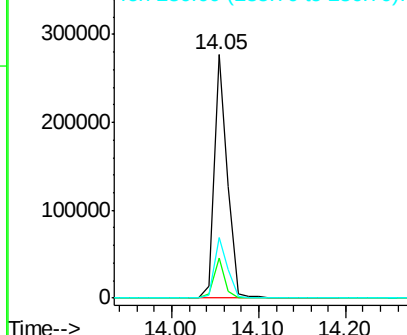


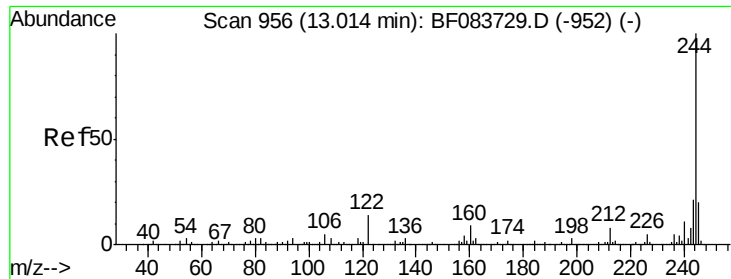
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083747.D
Acq: 13 Dec 2015 23:36

Tgt Ion:240 Resp: 294793
Ion Ratio Lower Upper
240 100
120 16.7 8.1 12.1#
236 25.1 20.8 31.2



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

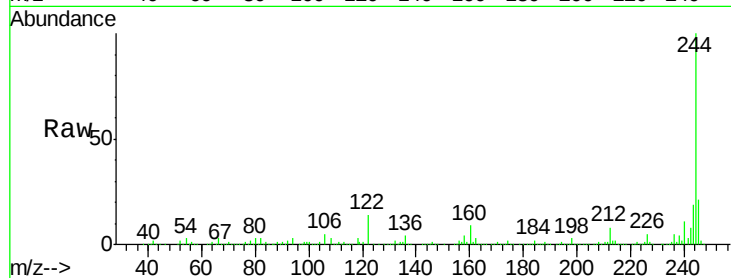




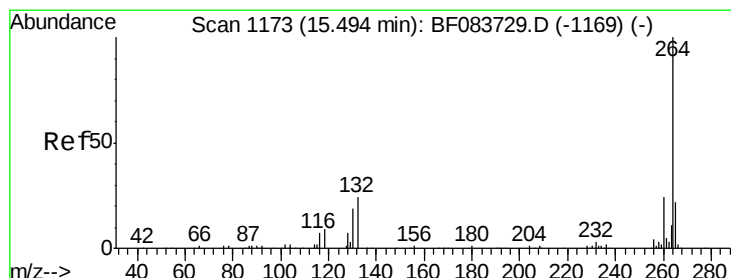
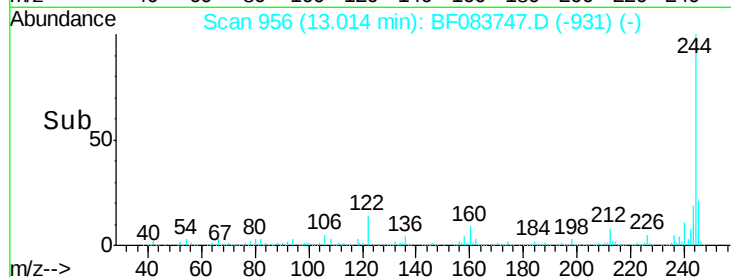
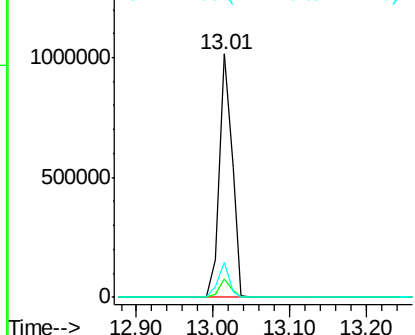
#78
 Terphenyl-d14
 Concen: 86.34 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM1-EAST-13

Tot Ion:244 Resp: 1183219
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.4 11.0 16.6

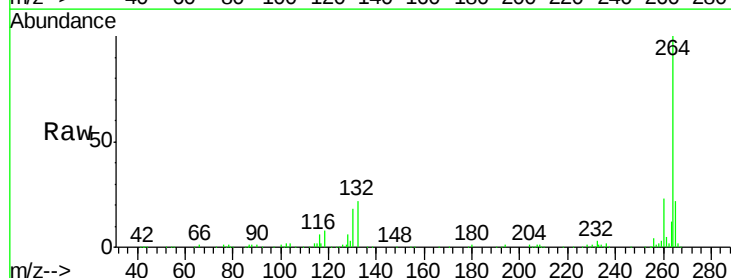


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083747.D
 Acq: 13 Dec 2015 23:36

Tgt Ion:264 Resp: 248208
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.6 17.8 26.6



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

