

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083746.D
 Acq On : 13 Dec 2015 23:08
 Operator : UM/IZ
 Sample : G4743-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-8

Quant Time: Dec 14 03:24:46 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

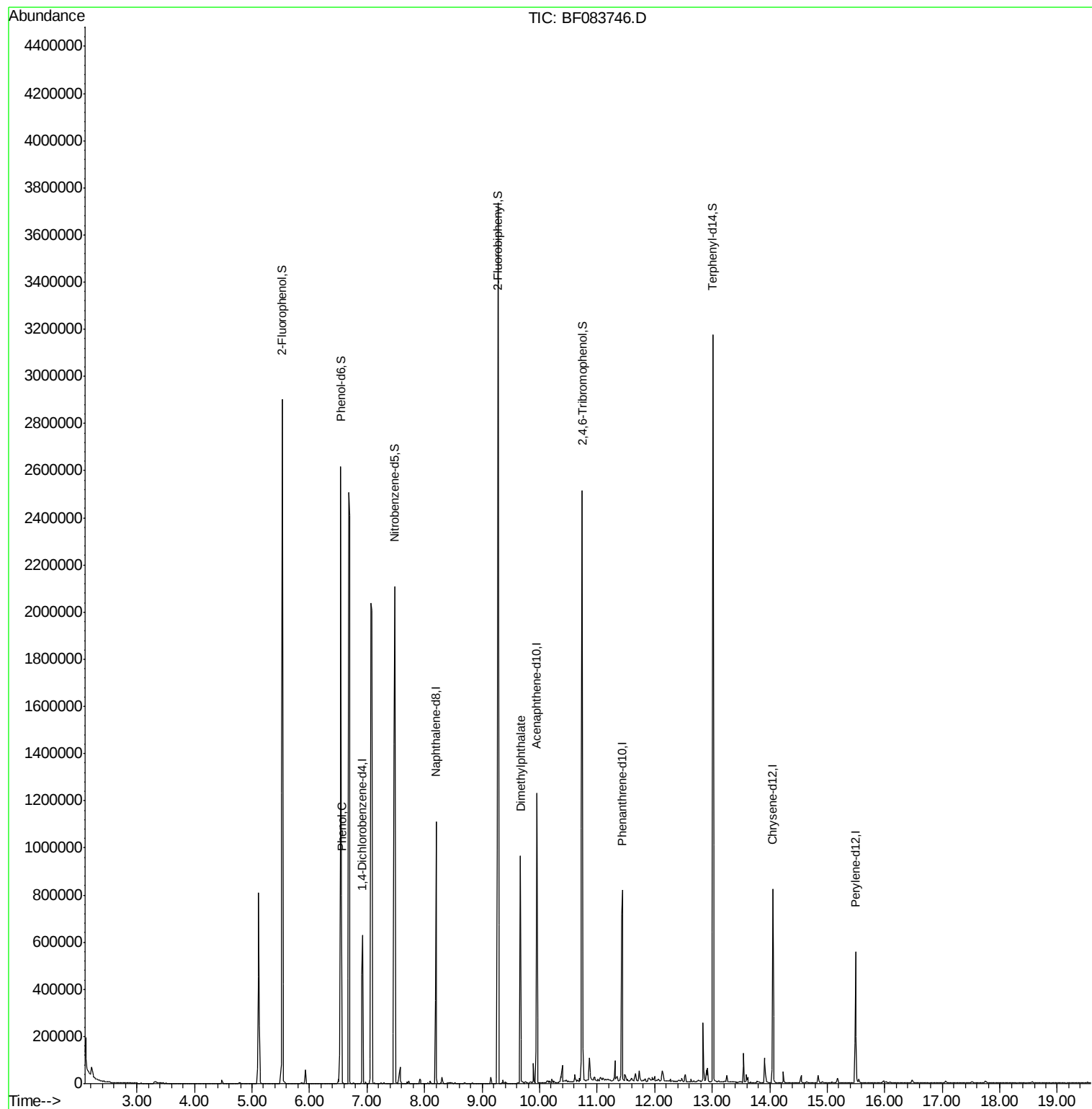
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126609	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	514091	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	237836	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	422154	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	286720	20.00	ng	-0.02
86) Perylene-d12	15.49	264	242286	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	949695	121.01	ng	0.00
7) Phenol-d6	6.54	99	1188618	119.60	ng	0.00
23) Nitrobenzene-d5	7.48	82	899843	97.93	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	321037	132.47	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1233561	72.80	ng	-0.01
78) Terphenyl-d14	13.01	244	1088216	81.64	ng	-0.01
Target Compounds						
10) Phenol	6.56	94	25300	2.21	ng	93
49) Dimethylphthalate	9.66	163	381845	20.59	ng	99

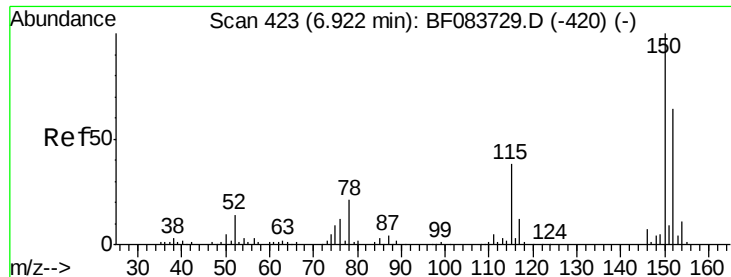
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083746.D

Acq: 13 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-8

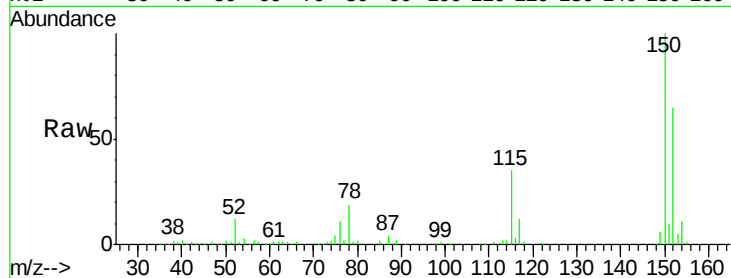
Tot Ion:152 Resp: 126609

Ion Ratio Lower Upper

152 100

150 154.1 126.5 189.7

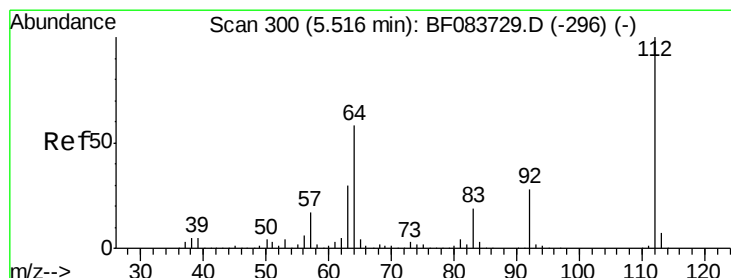
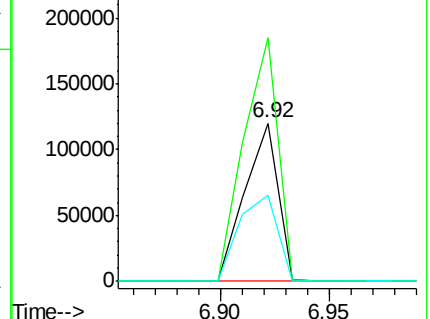
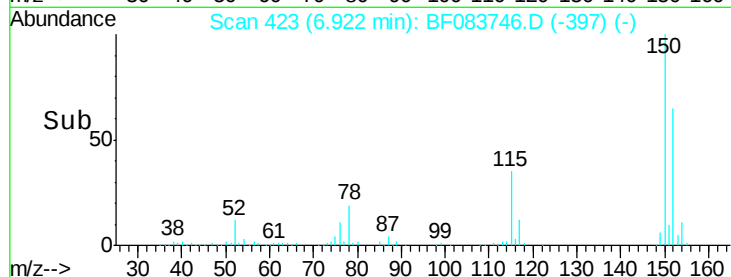
115 54.2 52.3 78.5



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: 121.01 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083746.D

Acq: 13 Dec 2015 23:08

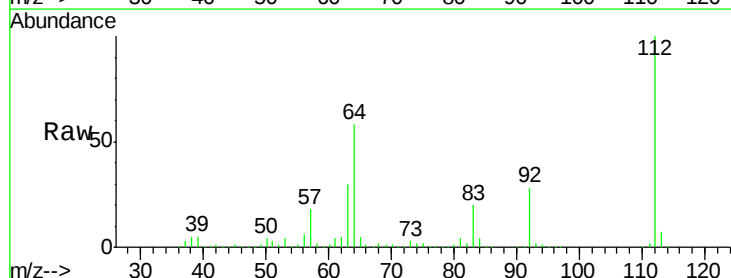
Tgt Ion:112 Resp: 949695

Ion Ratio Lower Upper

112 100

64 58.4 50.5 75.7

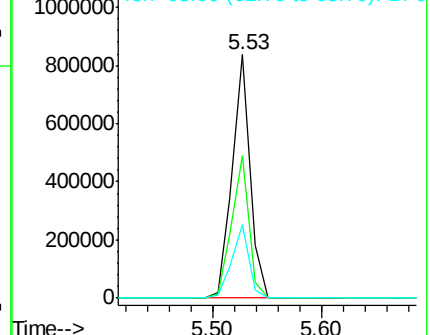
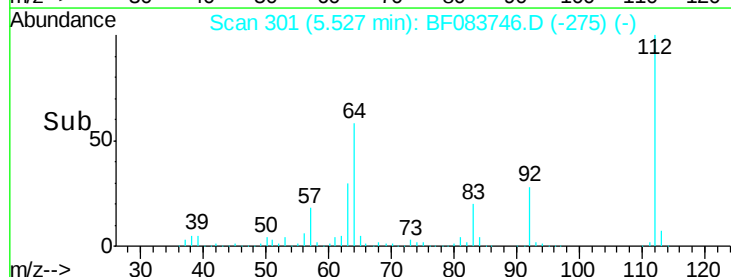
63 30.3 25.8 38.6

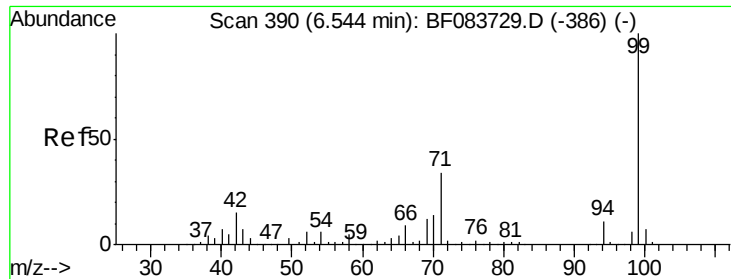


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.60 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083746.D

Acq: 13 Dec 2015 23:08

Instrument :

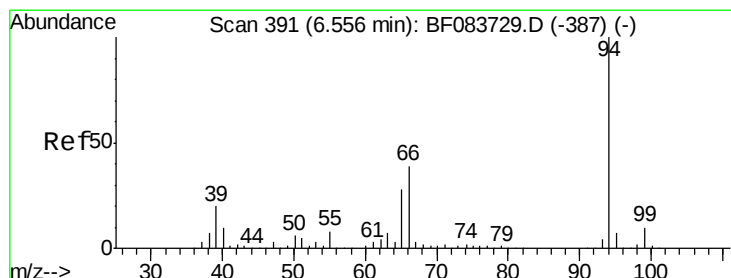
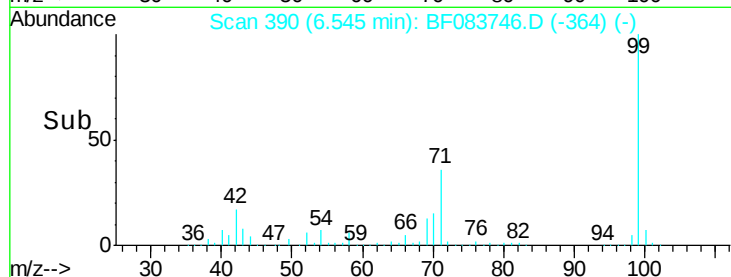
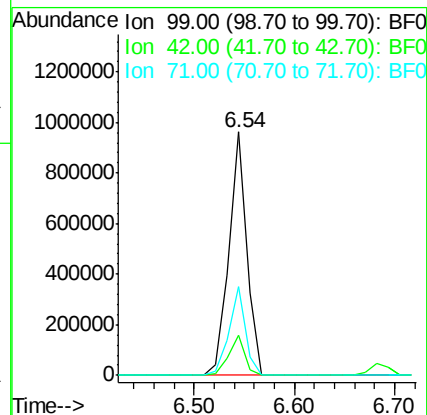
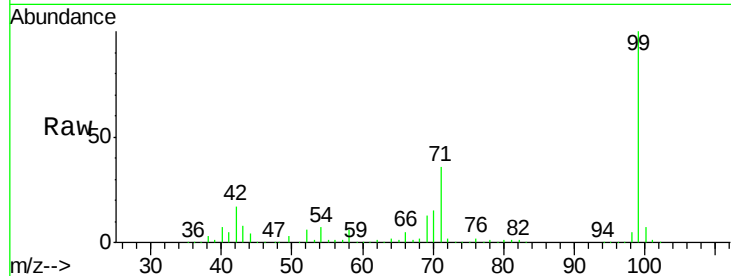
BNA_F

ClientSampleId :

SOUTHWALL-8

Tot Ion: 99 Resp: 1188618

Ion	Ratio	Lower	Upper
99	100		
42	16.6	17.3	25.9#
71	36.5	26.6	40.0



#10

Phenol

Concen: 2.21 ng

RT: 6.56 min Scan# 391

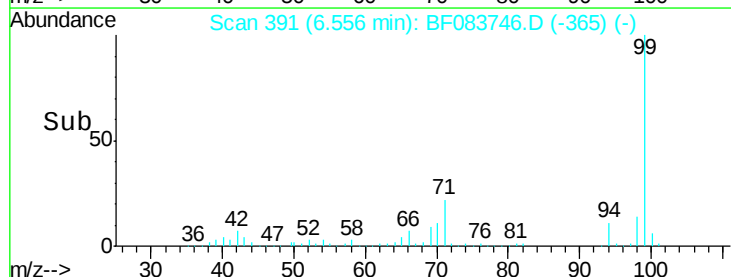
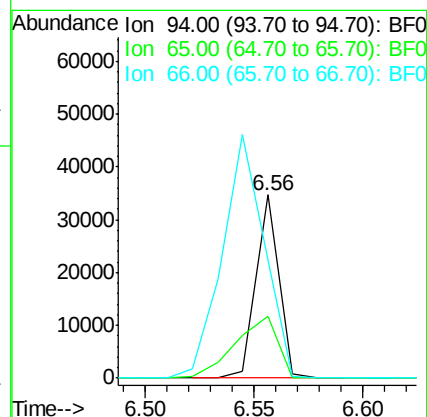
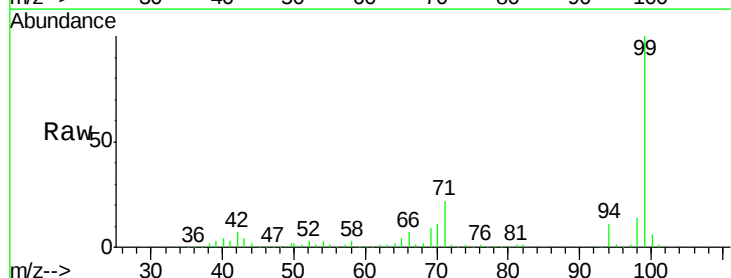
Delta R.T. 0.00 min

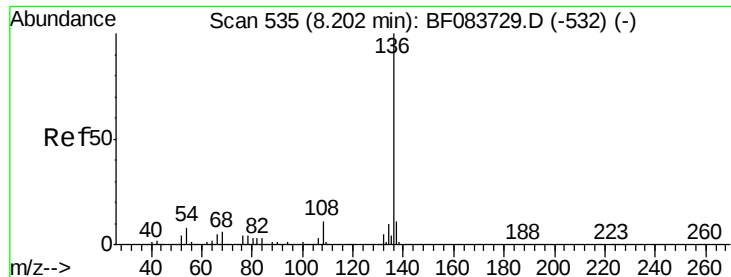
Lab File: BF083746.D

Acq: 13 Dec 2015 23:08

Tgt Ion: 94 Resp: 25300

Ion	Ratio	Lower	Upper
94	100		
65	33.8	20.9	60.9
66	64.4	41.6	81.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083746.D

Acq: 13 Dec 2015 23:08

Instrument :

BNA_F

ClientSampleId :

SOUTHWALL-8

Tot Ion:136 Resp: 514091

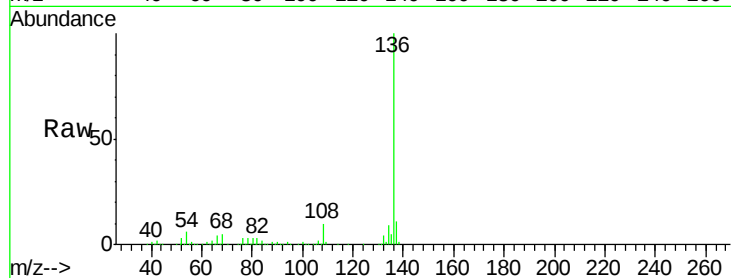
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.2 7.8 11.6#

68 5.3 5.7 8.5#

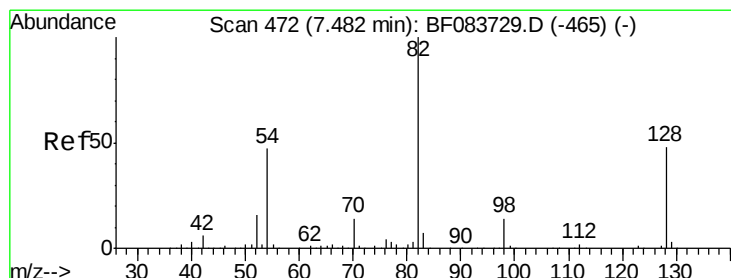
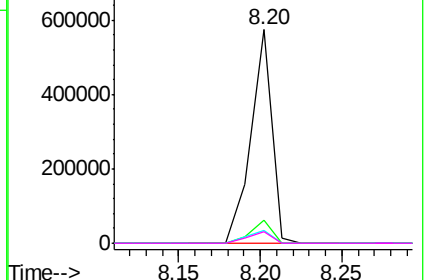
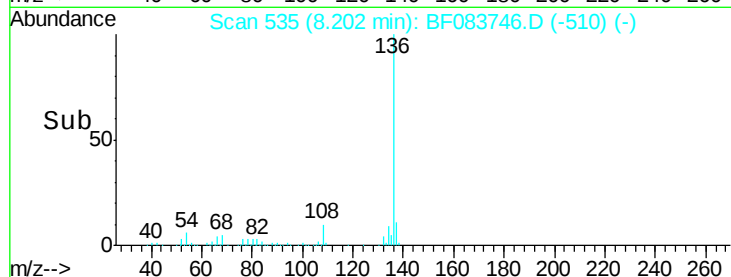


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.93 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083746.D

Acq: 13 Dec 2015 23:08

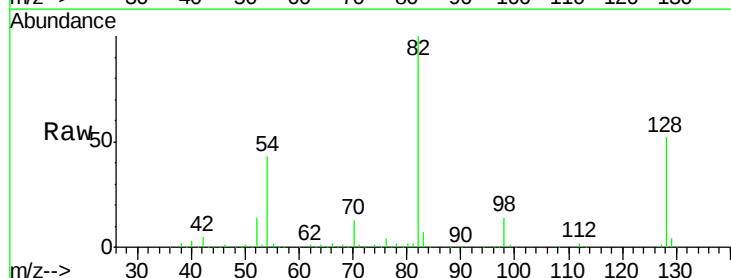
Tgt Ion: 82 Resp: 899843

Ion Ratio Lower Upper

82 100

128 52.3 30.7 46.1#

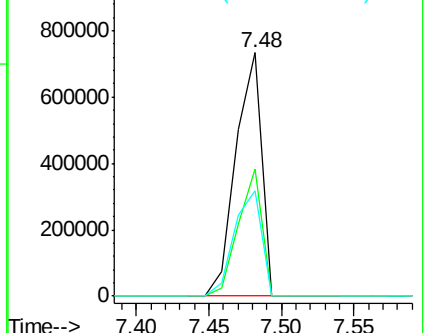
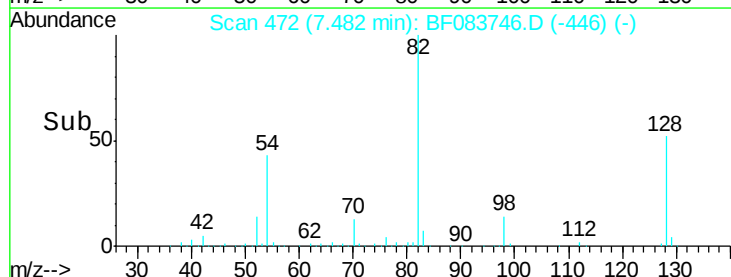
54 43.3 42.5 63.7

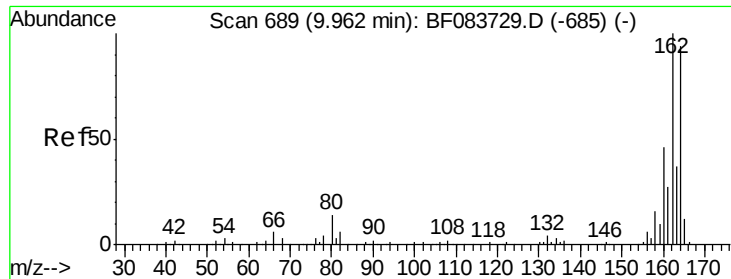


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

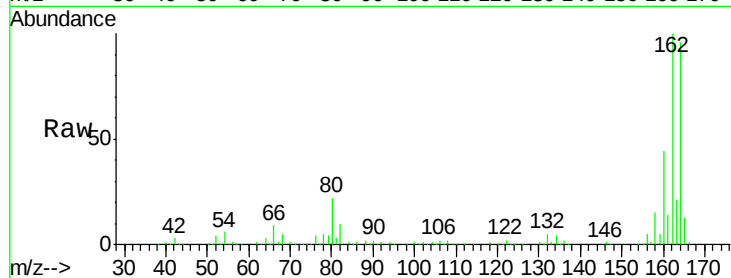




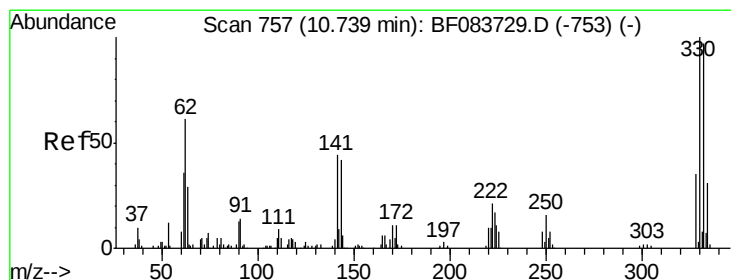
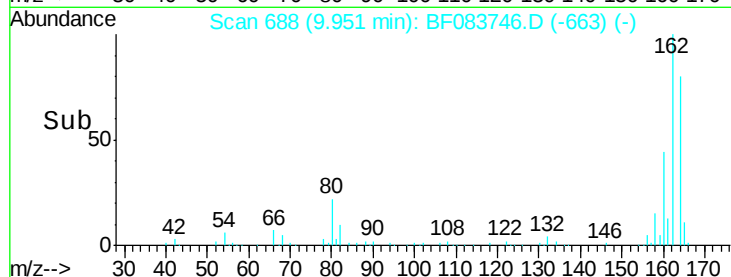
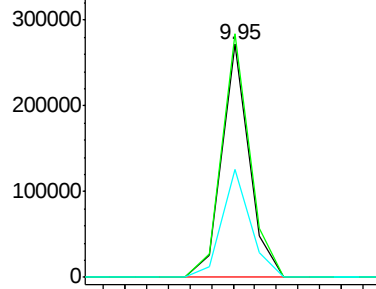
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083746.D
 Acq: 13 Dec 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-8

Tot Ion:164 Resp: 237836
 Ion Ratio Lower Upper
 164 100
 162 104.4 78.8 118.2
 160 46.2 33.4 50.2

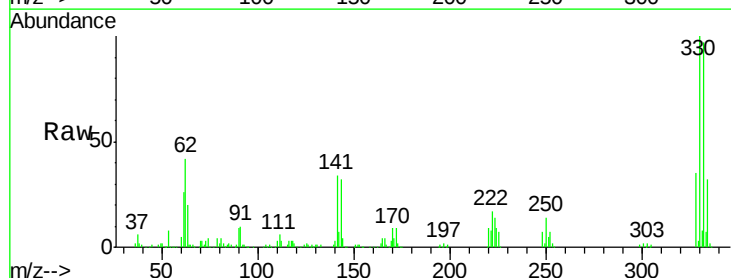


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

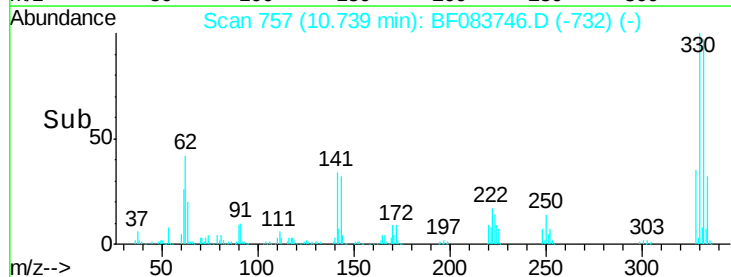
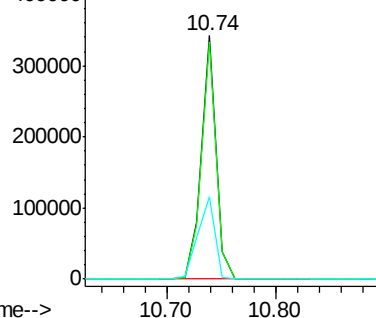


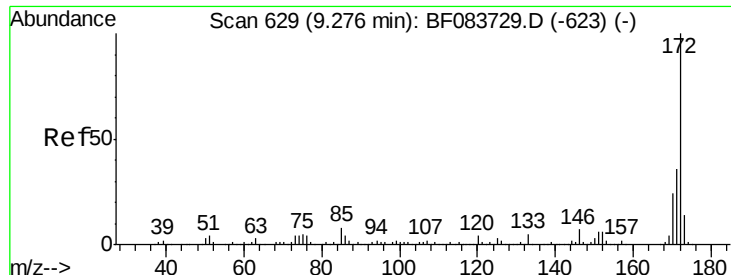
#41
 2,4,6-Tribromophenol
 Concen: 132.47 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083746.D
 Acq: 13 Dec 2015 23:08

Tgt Ion:330 Resp: 321037
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 38.8 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

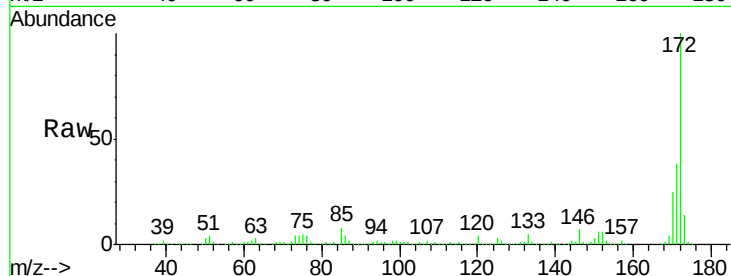




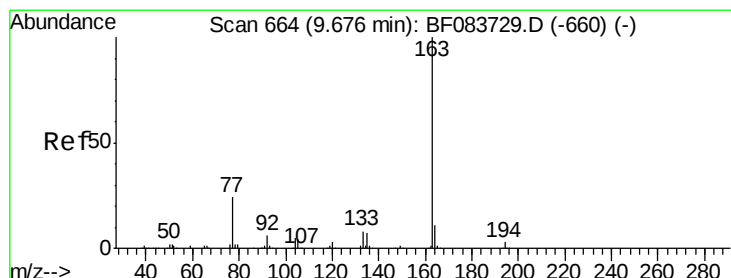
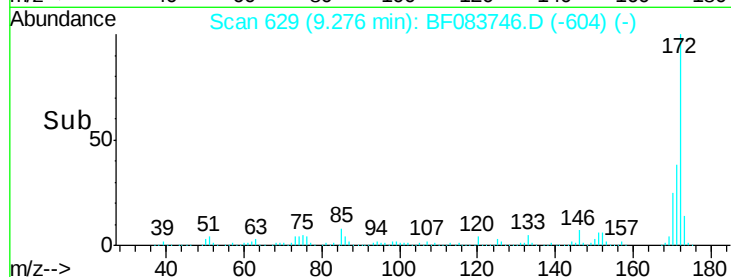
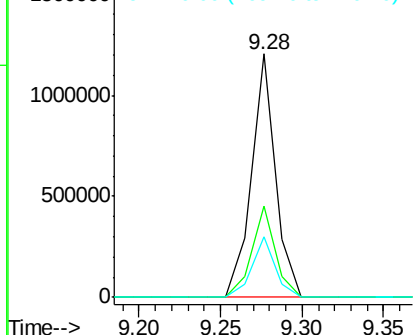
#44
2-Fluorobiphenyl
Concen: 72.80 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083746.D
Acq: 13 Dec 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-8

Tot Ion:172 Resp: 1233561
Ion Ratio Lower Upper
172 100
171 37.7 28.6 42.8
170 24.7 19.4 29.0

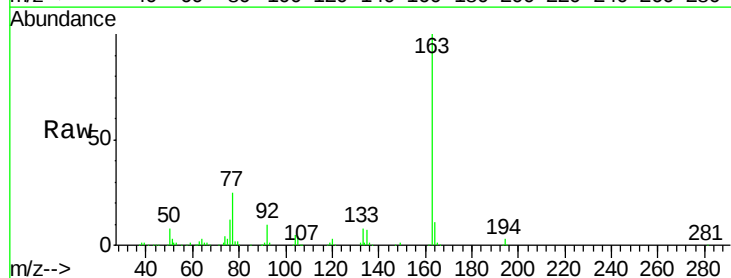


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

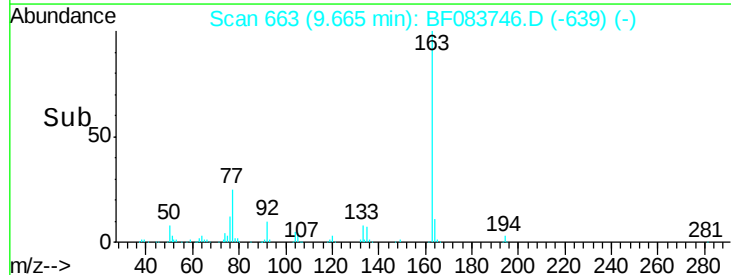
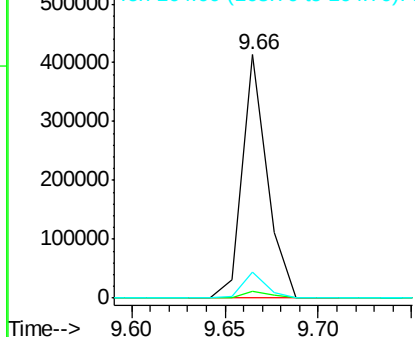


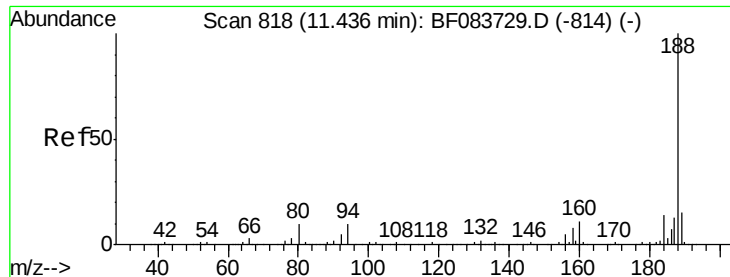
#49
Dimethylphthalate
Concen: 20.59 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083746.D
Acq: 13 Dec 2015 23:08

Tgt Ion:163 Resp: 381845
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.6 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

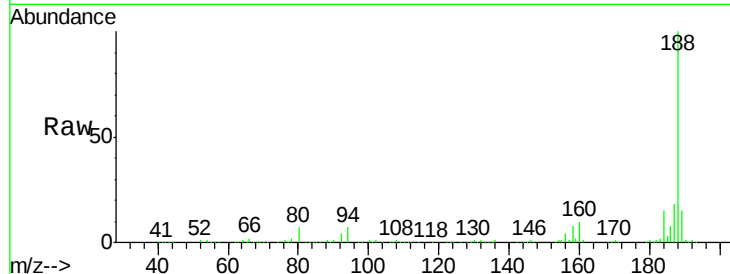




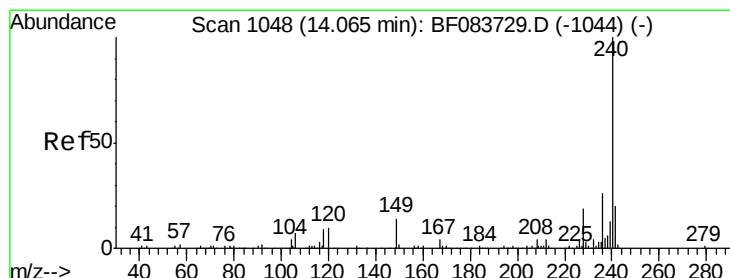
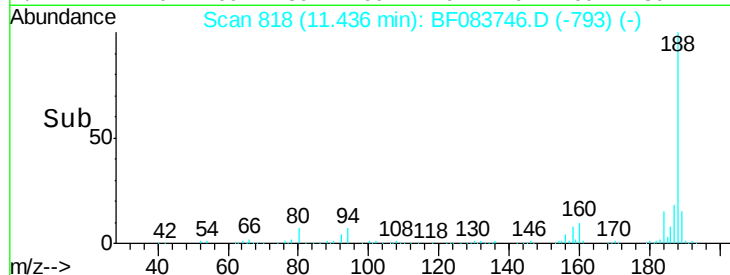
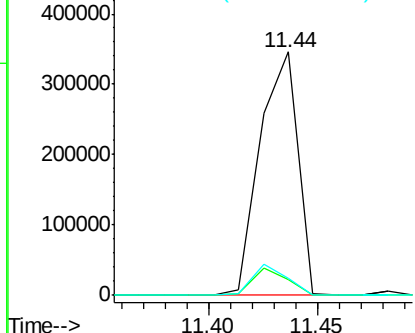
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083746.D
Acq: 13 Dec 2015 23:08

Instrument :
BNA_F
ClientSampleId :
SOUTHWALL-8

Tot Ion:188 Resp: 422154
Ion Ratio Lower Upper
188 100
94 6.6 9.4 14.2#
80 7.0 10.6 16.0#

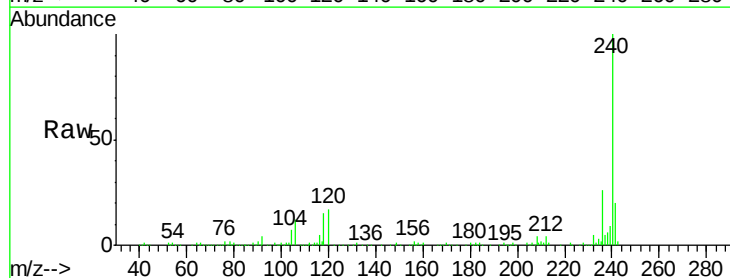


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

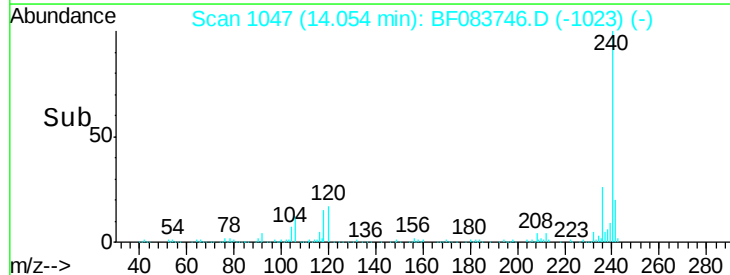
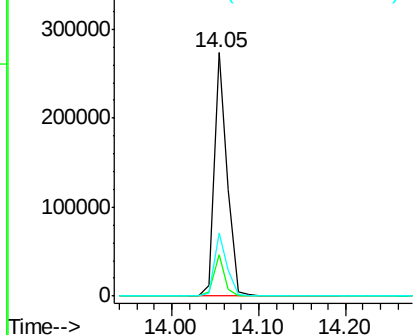


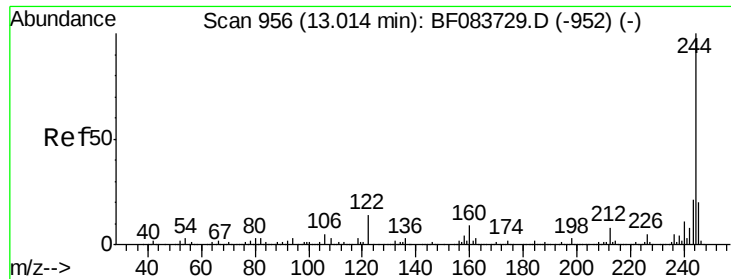
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF083746.D
Acq: 13 Dec 2015 23:08

Tgt Ion:240 Resp: 286720
Ion Ratio Lower Upper
240 100
120 16.9 8.1 12.1#
236 26.0 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

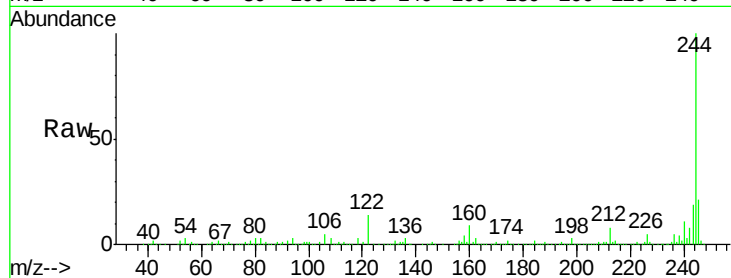




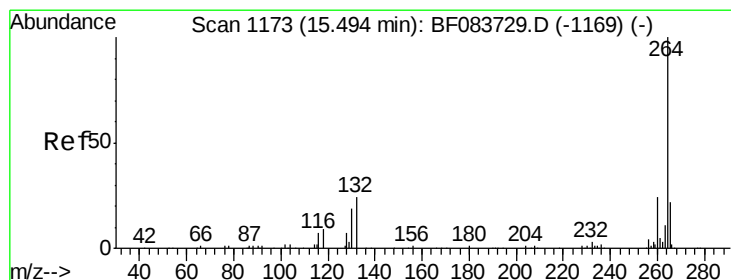
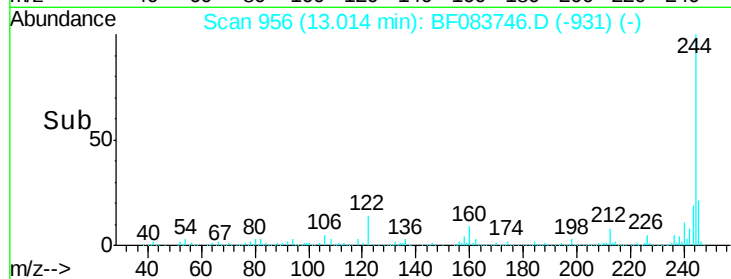
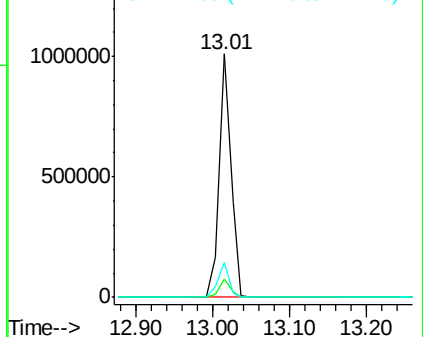
#78
 Terphenyl-d14
 Concen: 81.64 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083746.D
 Acq: 13 Dec 2015 23:08

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHWALL-8

Tot Ion:244 Resp: 1088216
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.4 11.0 16.6

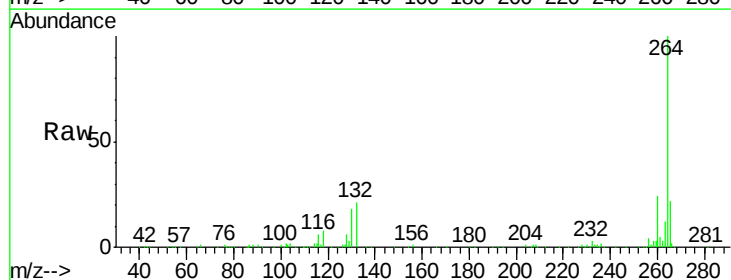


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083746.D
 Acq: 13 Dec 2015 23:08

Tgt Ion:264 Resp: 242286
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.5 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

