

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082004.D
 Acq On : 3 Oct 2015 5:03
 Operator : UM/IZ
 Sample : G3897-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2D(3.5-4)

Quant Time: Oct 03 06:39:47 2015
 Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

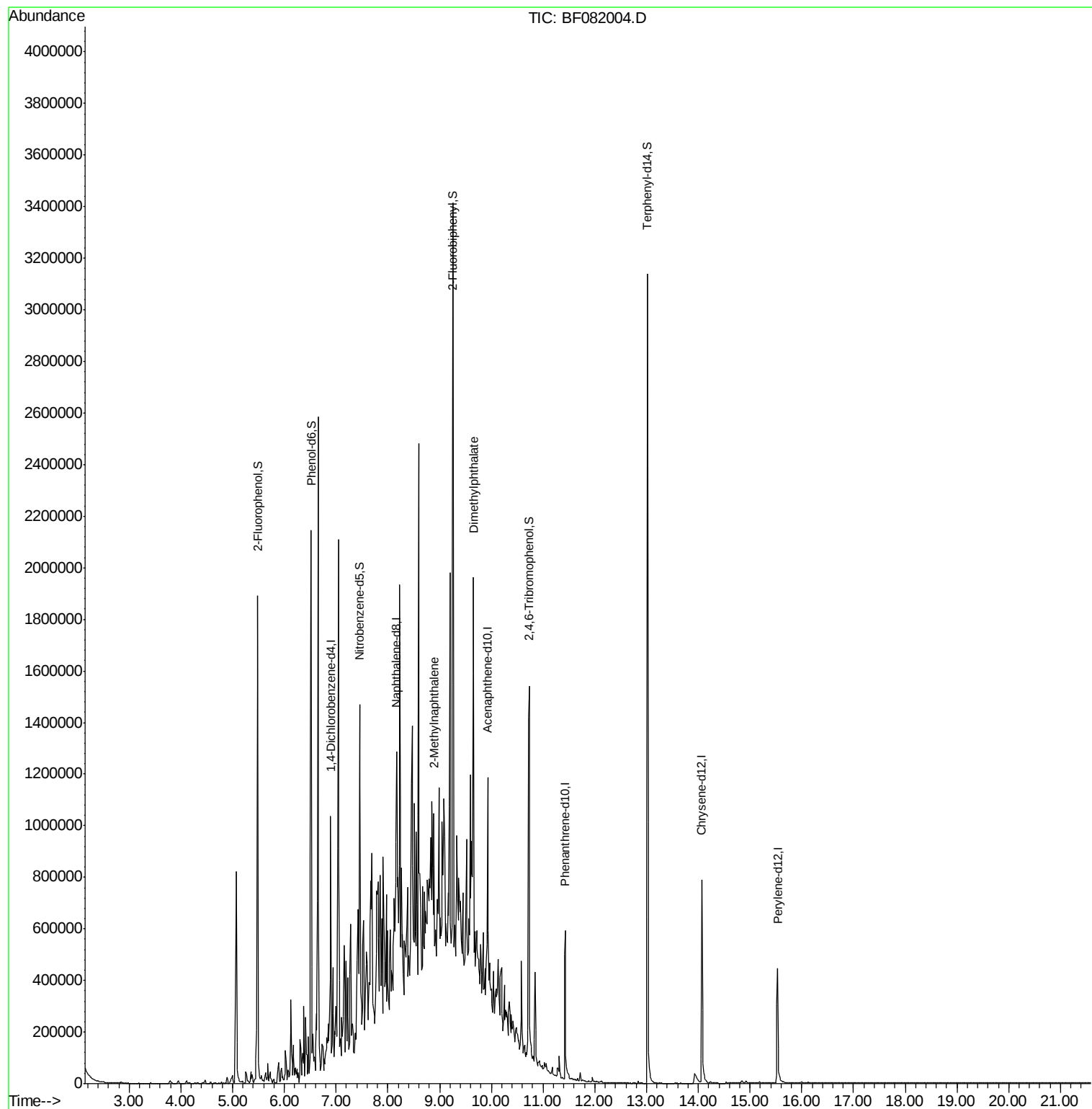
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86813	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	345841	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	177100	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	370093	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	376599	20.00	ng	-0.05
86) Perylene-d12	15.53	264	290348	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	774483	161.95	ng	-0.03
7) Phenol-d6	6.51	99	882186	146.60	ng	-0.05
23) Nitrobenzene-d5	7.45	82	530142	102.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	304614	169.83	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1099572	110.13	ng	-0.05
78) Terphenyl-d14	13.02	244	1224281	116.73	ng	-0.03
Target Compounds						
37) 2-Methylnaphthalene	8.89	142	198429	18.97	ng	# 92
49) Dimethylphthalate	9.66	163	225945	18.48	ng	# 98

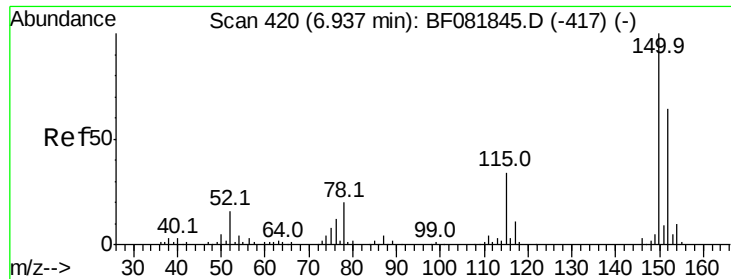
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF082004.D

Acq: 3 Oct 2015 5:03

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)

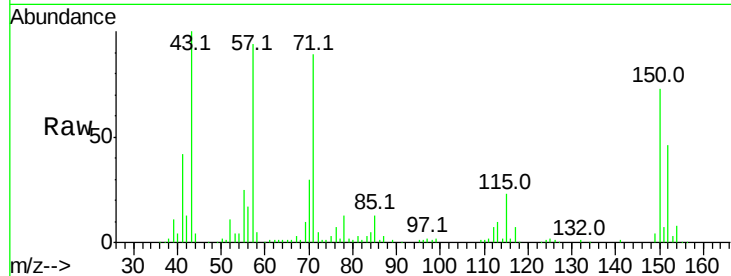
Tot Ion:152 Resp: 86813

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

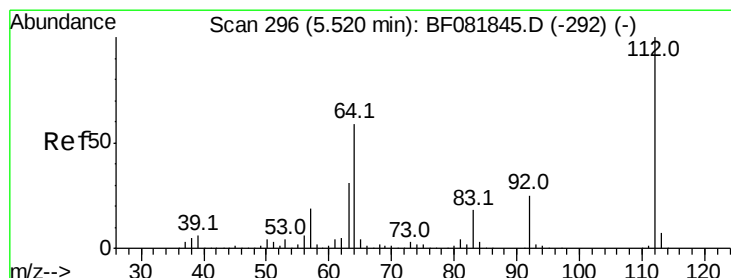
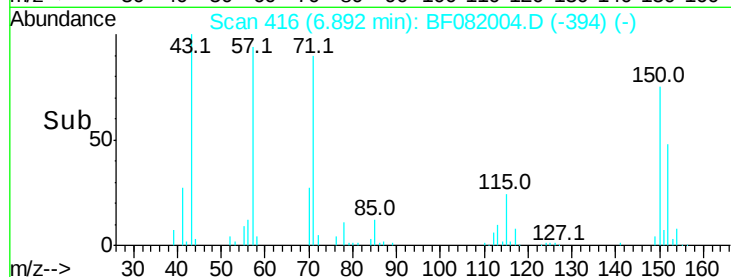
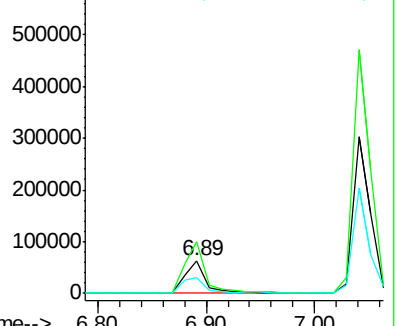
115 49.5 39.0 58.4



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: 161.95 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF082004.D

Acq: 3 Oct 2015 5:03

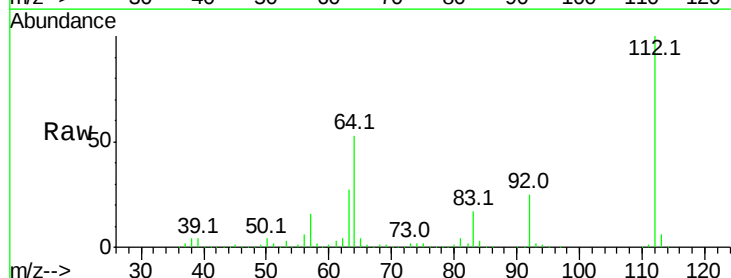
Tgt Ion:112 Resp: 774483

Ion Ratio Lower Upper

112 100

64 52.9 39.7 59.5

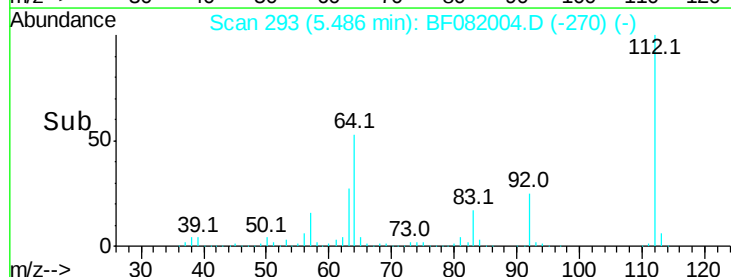
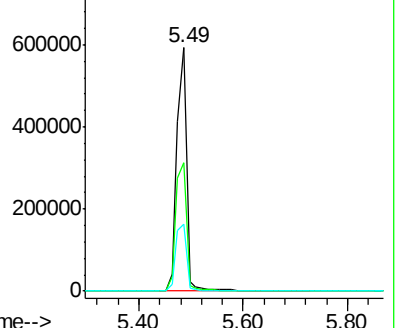
63 27.5 17.4 26.0#

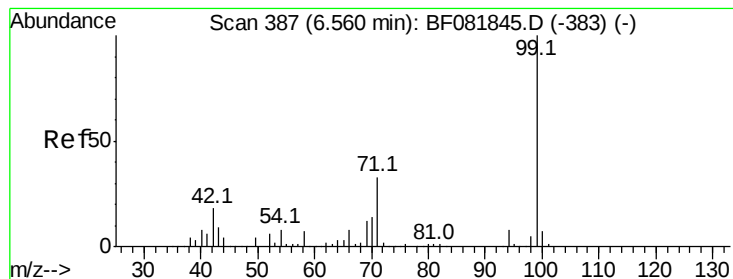


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.60 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082004.D

Acq: 3 Oct 2015 5:03

Instrument :

BNA_F

ClientSampleId :

B-2D(3.5-4)

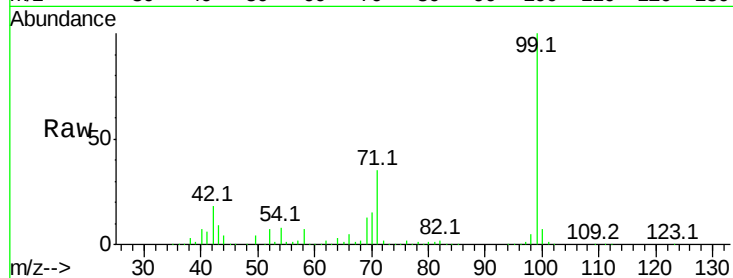
Tot Ion: 99 Resp: 882186

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

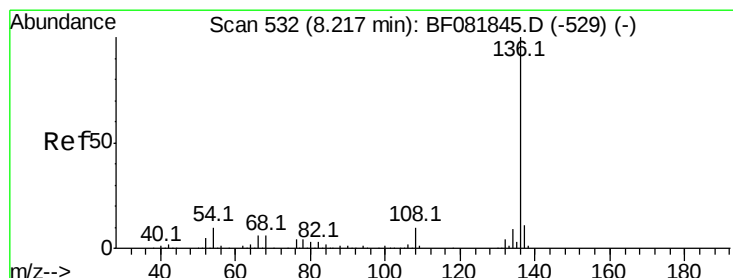
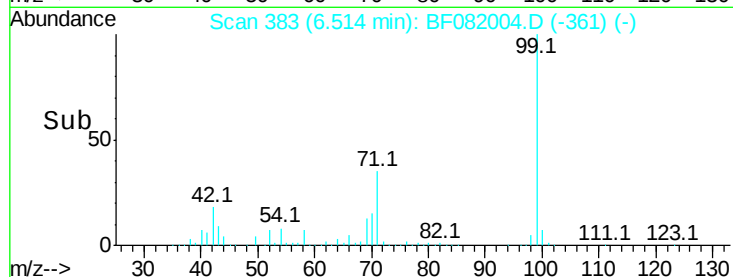
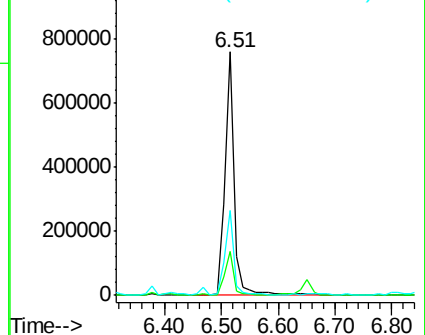
71 35.0 14.2 21.2#



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: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082004.D

Acq: 3 Oct 2015 5:03

Tgt Ion:136 Resp: 345841

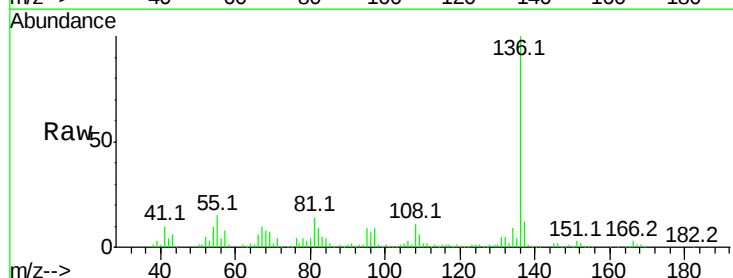
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

54 10.5 8.2 12.2

68 8.0 5.8 8.6

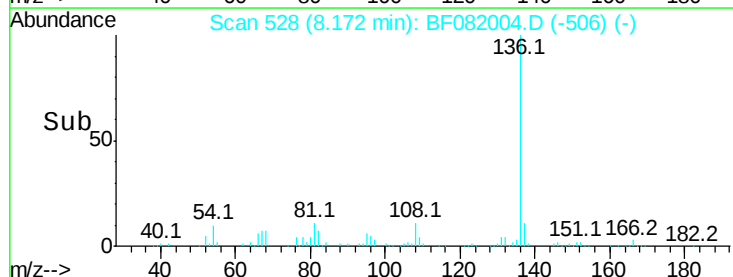
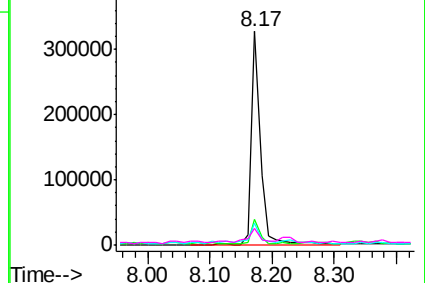


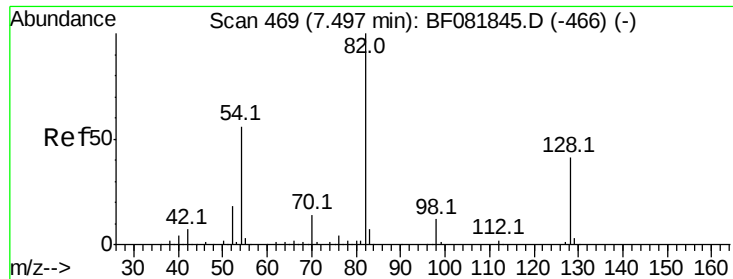
Abundance Ion 136.00 (135.70 to 136.70): E

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

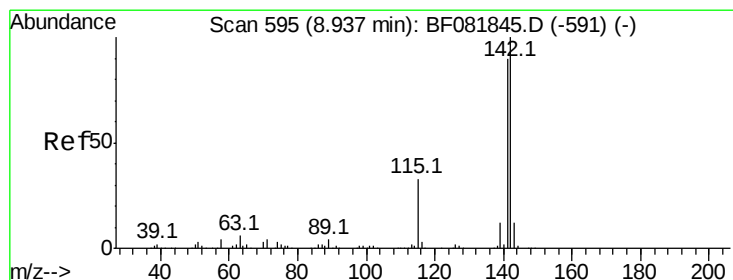
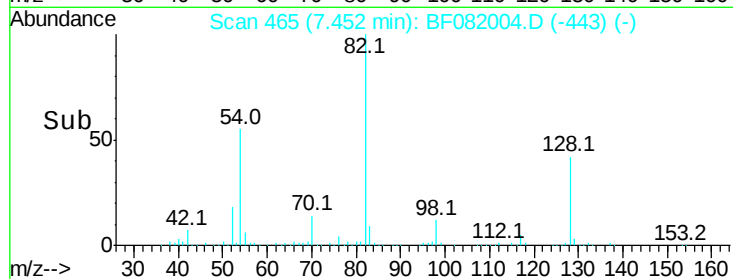
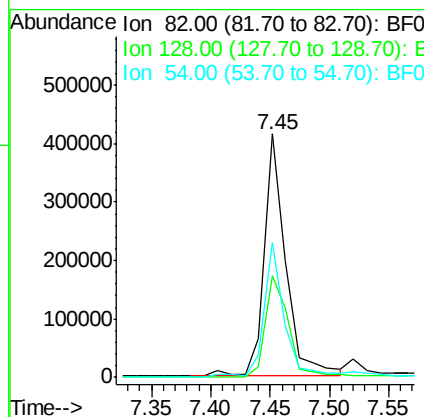
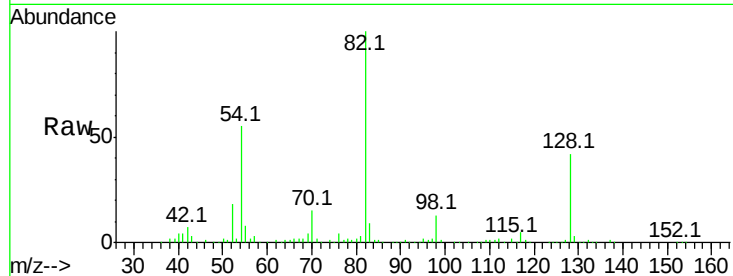




#23
Nitrobenzene-d5
Concen: 102.18 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

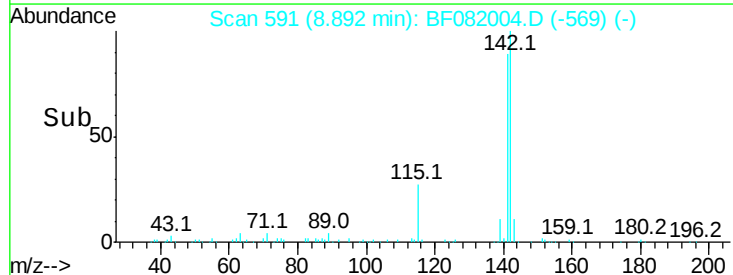
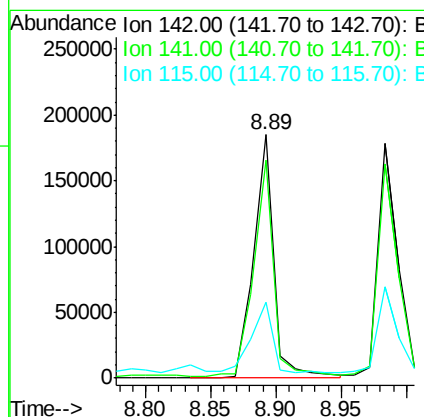
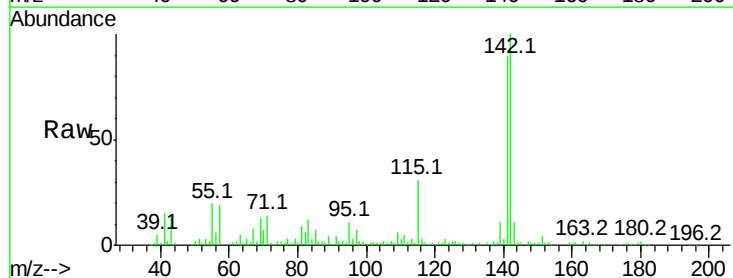
Instrument :
BNA_F
ClientSampled :
B-2D(3.5-4)

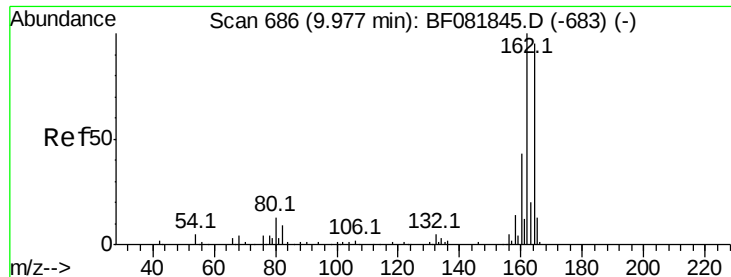
Tot Ion: 82 Resp: 530142
Ion Ratio Lower Upper
82 100
128 41.5 51.0 76.6#
54 55.1 47.5 71.3



#37
2-Methylnaphthalene
Concen: 18.97 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

Tgt Ion:142 Resp: 198429
Ion Ratio Lower Upper
142 100
141 89.6 67.5 101.3
115 31.4 18.2 27.2#

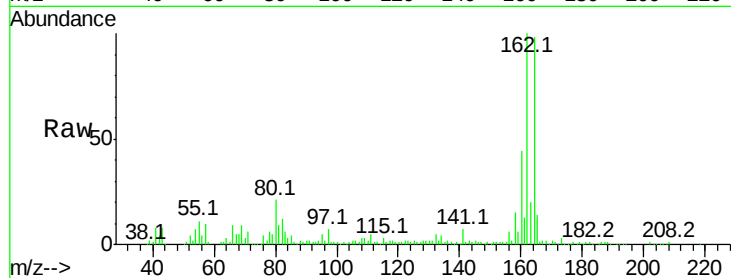




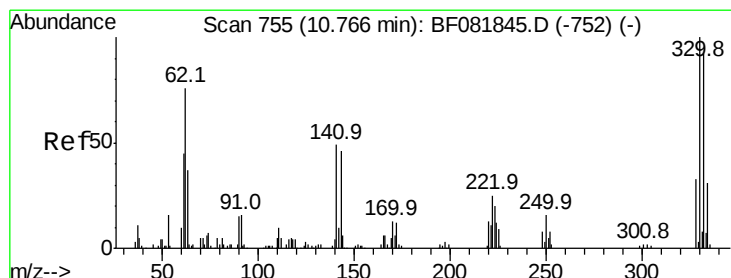
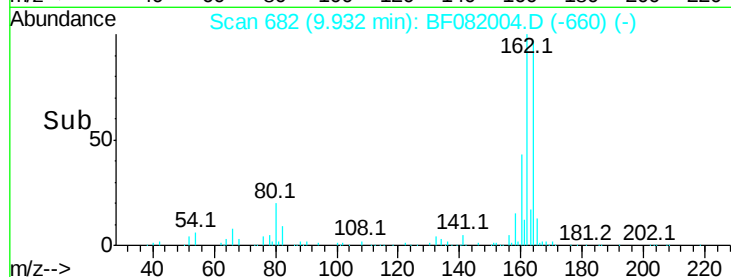
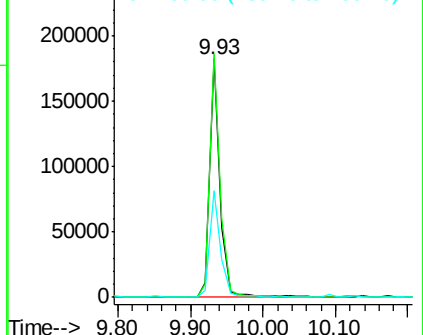
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)

Tot Ion:164 Resp: 177100
Ion Ratio Lower Upper
164 100
162 102.4 75.2 112.8
160 45.0 31.5 47.3

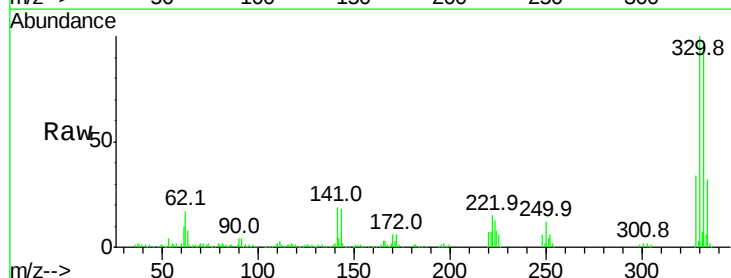


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

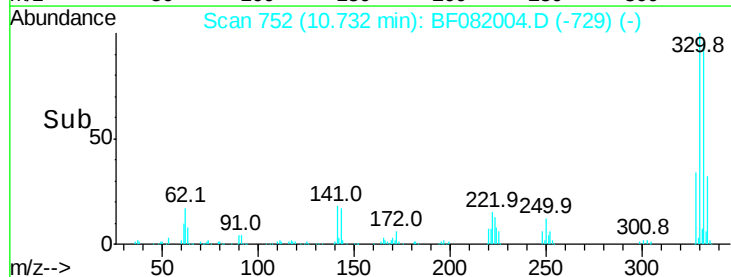
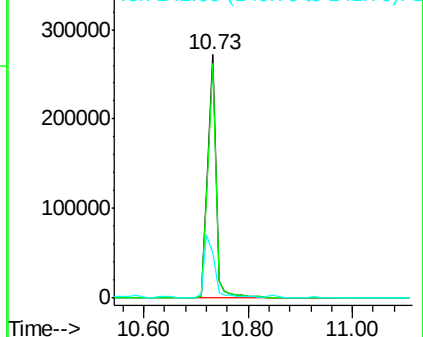


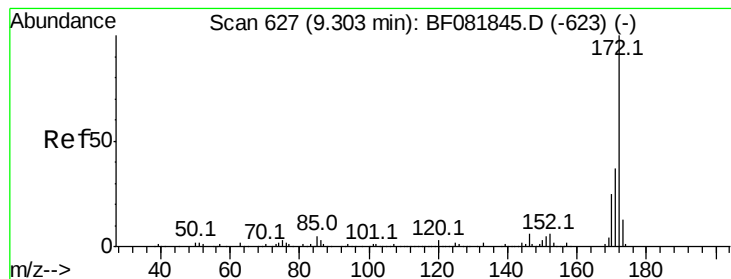
#41
2,4,6-Tribromophenol
Concen: 169.83 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

Tgt Ion:330 Resp: 304614
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 31.2 29.7 44.5



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

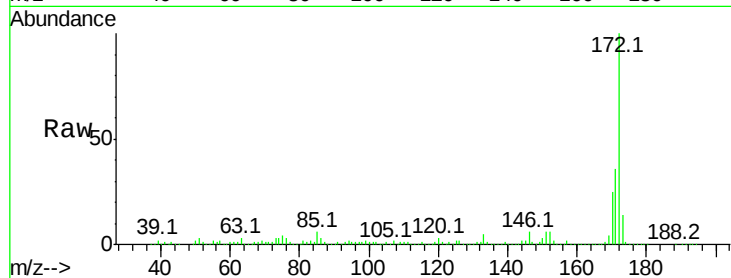




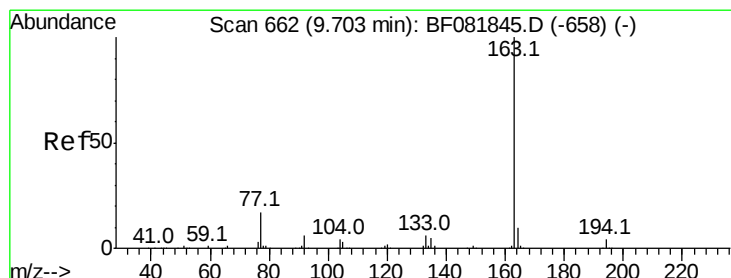
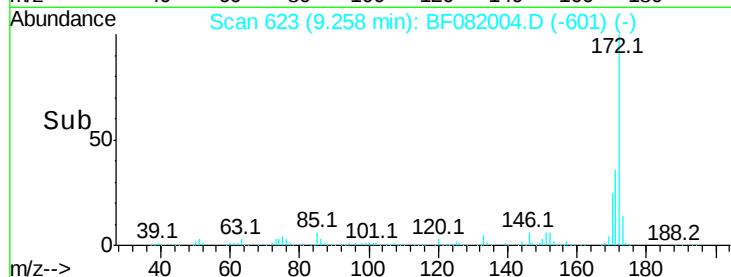
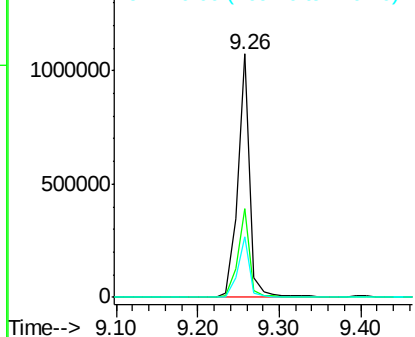
#44
2-Fluorobiphenyl
Concen: 110.13 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)

Tot Ion:172 Resp: 1099572
Ion Ratio Lower Upper
172 100
171 36.4 26.1 39.1
170 24.9 17.4 26.2

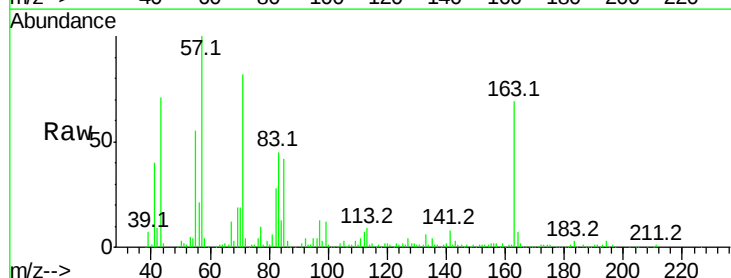


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

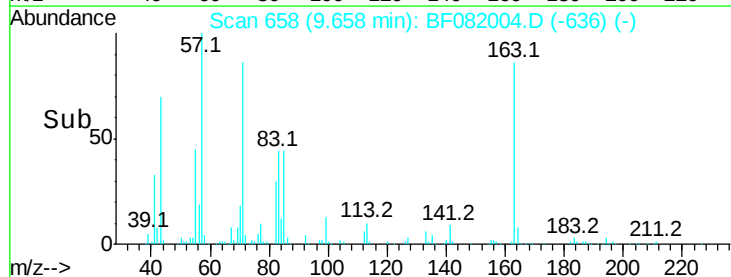
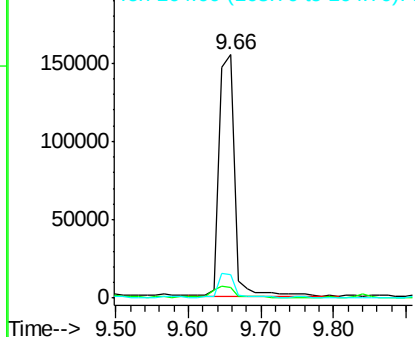


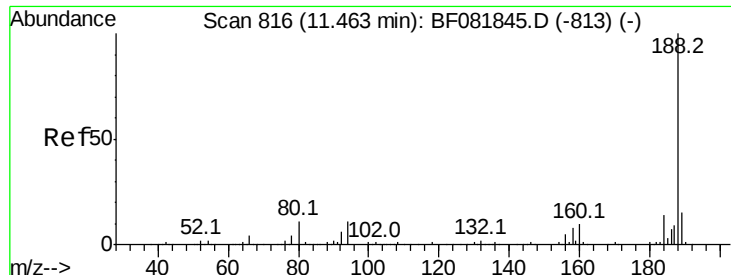
#49
Dimethylphthalate
Concen: 18.48 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

Tgt Ion:163 Resp: 225945
Ion Ratio Lower Upper
163 100
194 4.3 4.4 6.6#
164 9.7 8.3 12.5



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

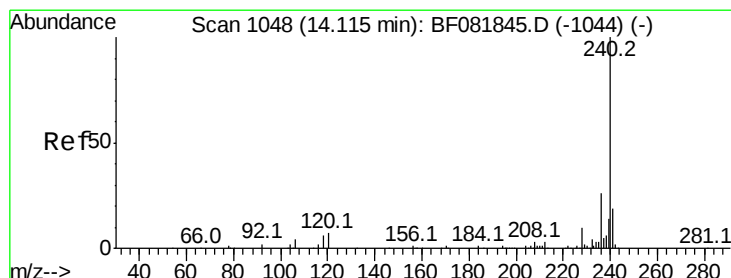
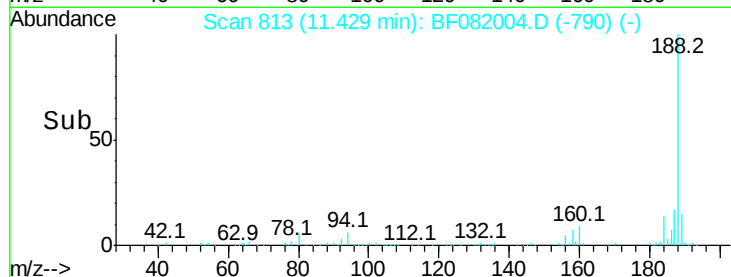
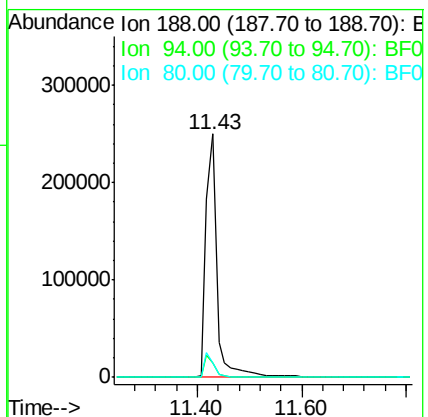
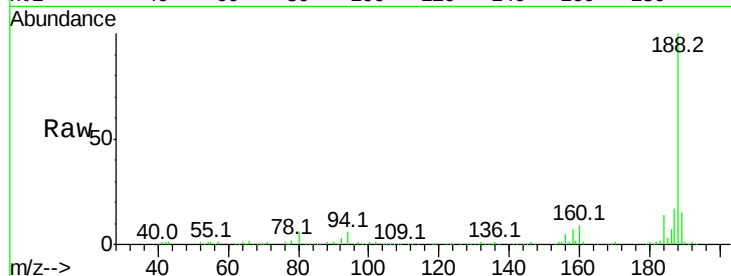




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

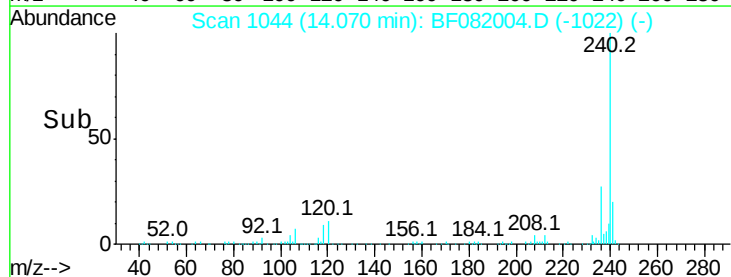
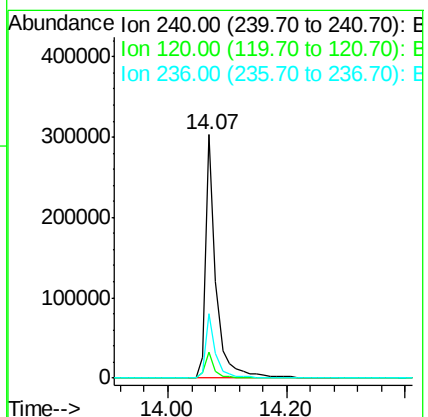
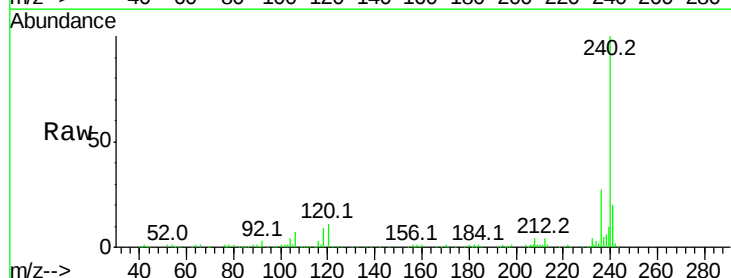
Instrument :
BNA_F
ClientSampleId :
B-2D(3.5-4)

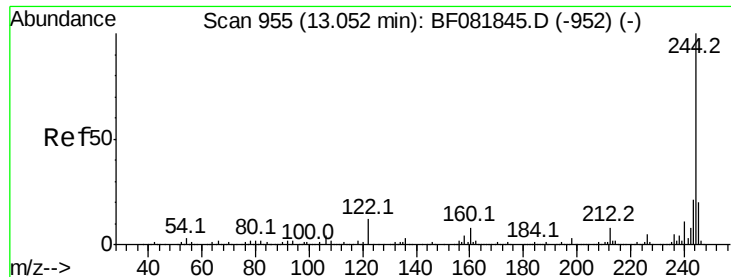
Tot Ion:188 Resp: 370093
Ion Ratio Lower Upper
188 100
94 5.8 11.1 16.7#
80 6.1 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082004.D
Acq: 3 Oct 2015 5:03

Tgt Ion:240 Resp: 376599
Ion Ratio Lower Upper
240 100
120 10.6 16.2 24.2#
236 26.6 18.4 27.6

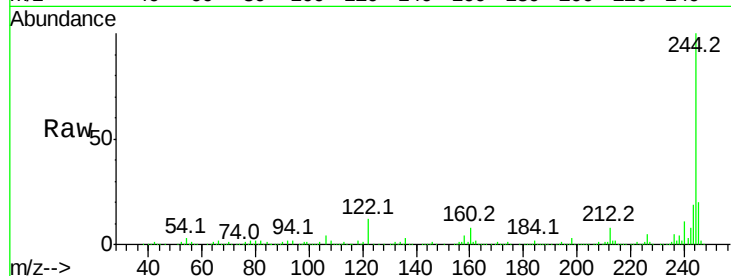




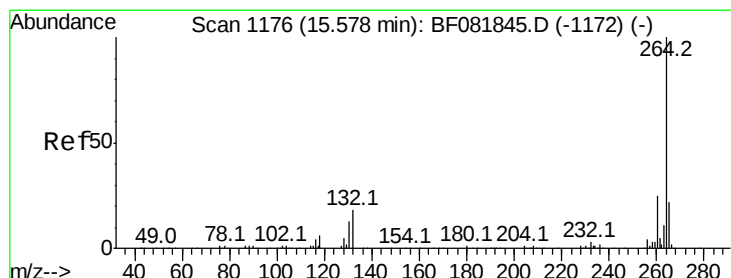
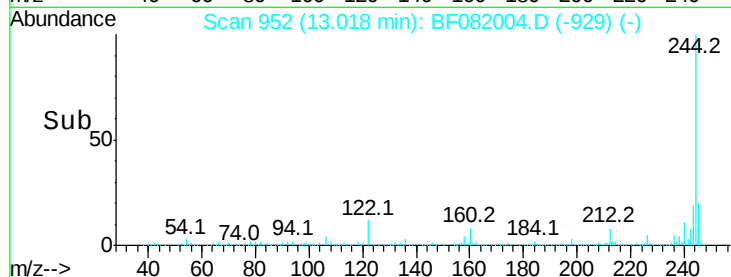
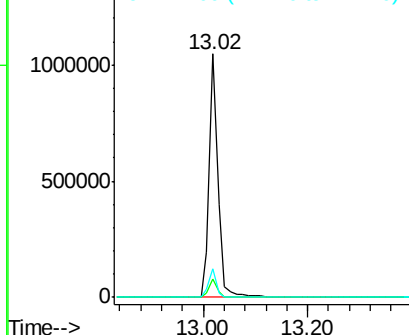
#78
 Terphenyl-d14
 Concen: 116.73 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082004.D
 Acq: 3 Oct 2015 5:03

Instrument :
 BNA_F
 ClientSampled :
 B-2D(3.5-4)

Tot Ion:244 Resp: 1224281
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.6 17.4 26.2#

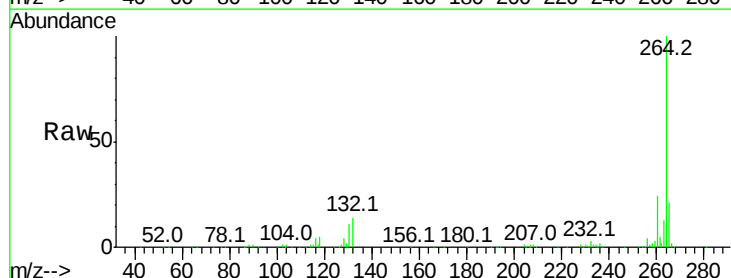


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082004.D
 Acq: 3 Oct 2015 5:03

Tgt Ion:264 Resp: 290348
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.0 17.2 25.8



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

