

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083186.D
 Acq On : 23 Nov 2015 4:31
 Operator : UM/IZ
 Sample : G4475-04
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H4

Quant Time: Nov 23 06:37:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

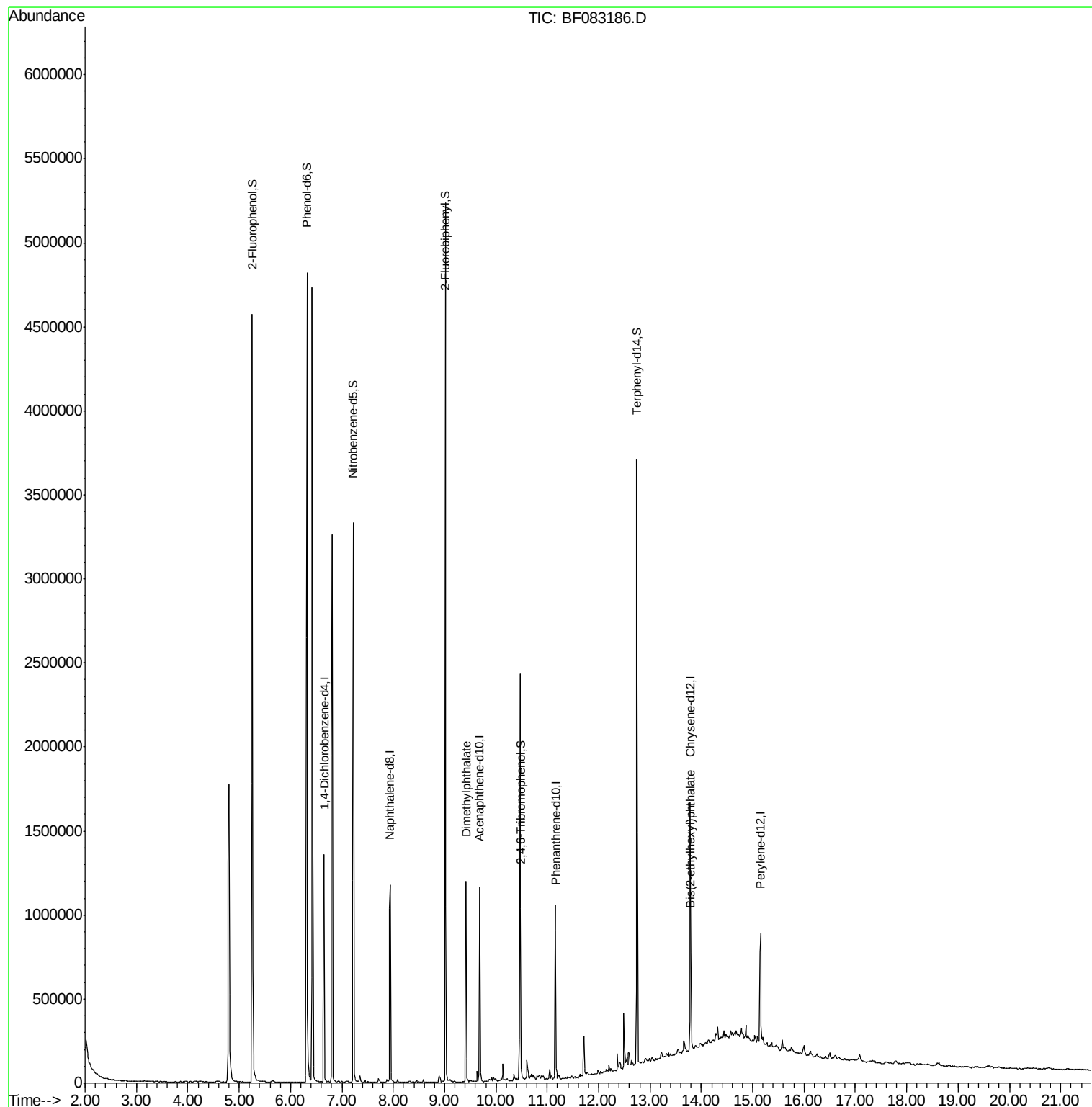
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	209664	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	758661	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	327150	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	538983	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	459815	20.00	ng	-0.02
86) Perylene-d12	15.15	264	348463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1396434	100.70	ng	-0.02
7) Phenol-d6	6.32	99	1957444	109.09	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1191000	71.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	304348	90.93	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1619671	69.04	ng	-0.01
78) Terphenyl-d14	12.74	244	1231982	63.09	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.42	163	443514	17.61	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	13.79	149	74495	3.84	ng	# 94

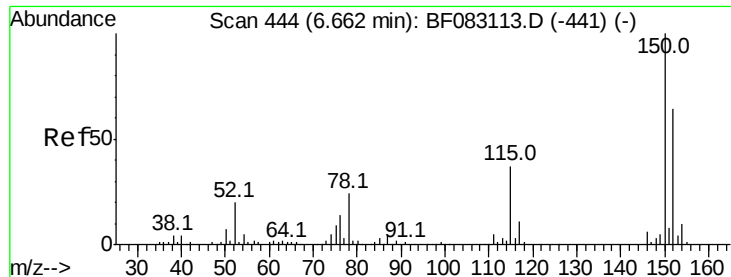
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

H4

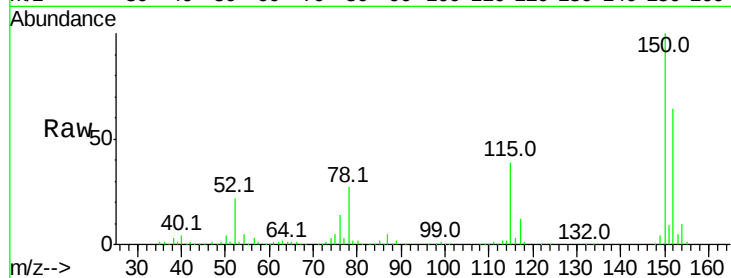
Tot Ion:152 Resp: 209664

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.8

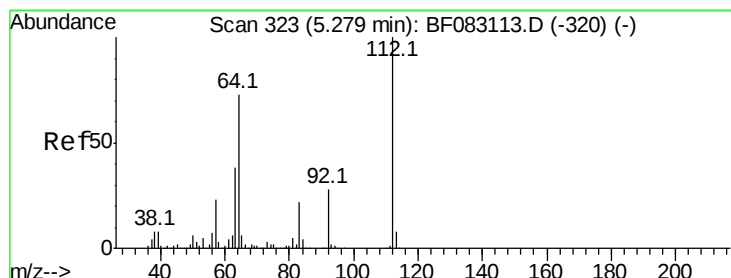
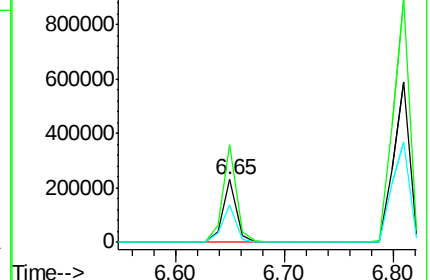
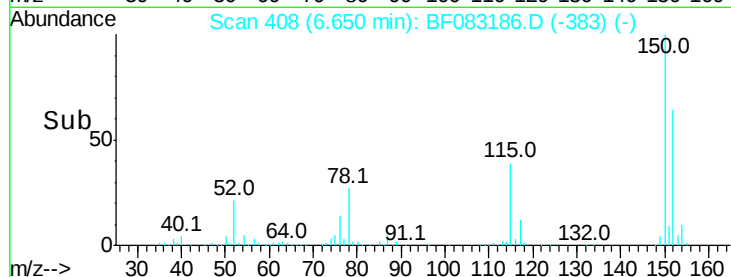
115 60.1 46.9 70.3



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: 100.70 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

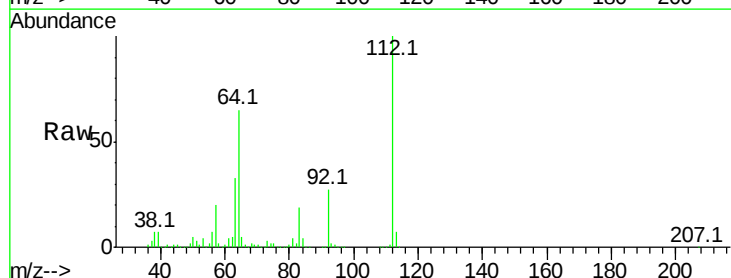
Tgt Ion:112 Resp: 1396434

Ion Ratio Lower Upper

112 100

64 65.3 58.4 87.6

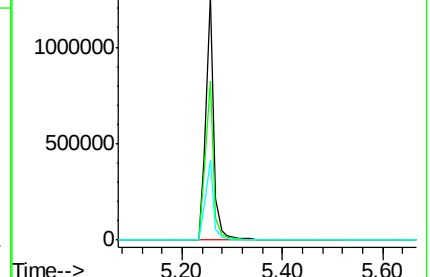
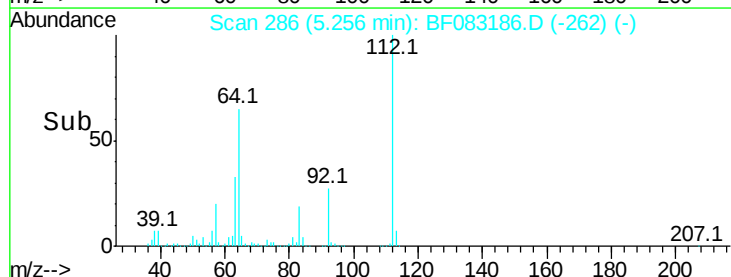
63 32.9 30.0 45.0

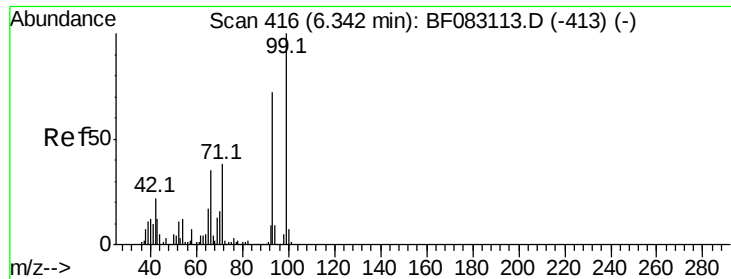


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.09 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

H4

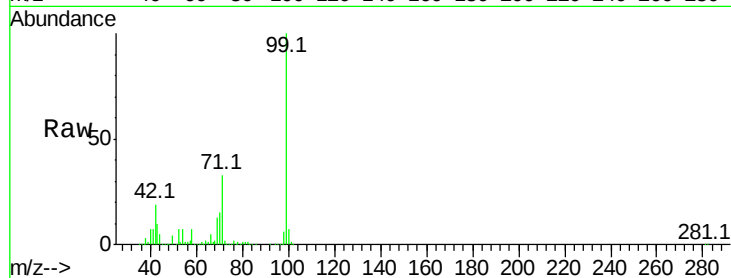
Tot Ion: 99 Resp: 1957444

Ion Ratio Lower Upper

99 100

42 19.2 17.7 26.5

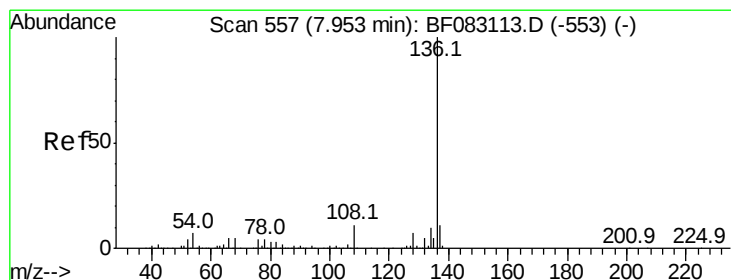
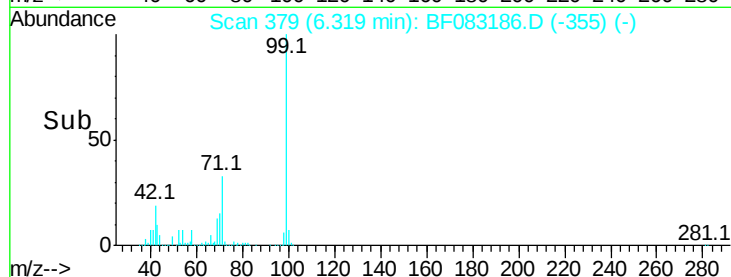
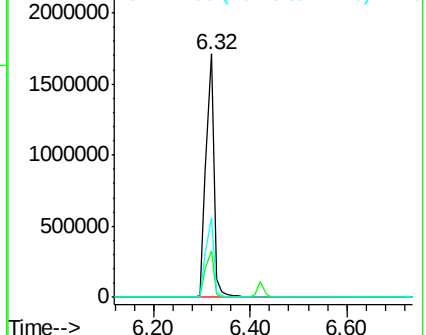
71 33.0 30.2 45.4



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: 7.94 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Tgt Ion: 136 Resp: 758661

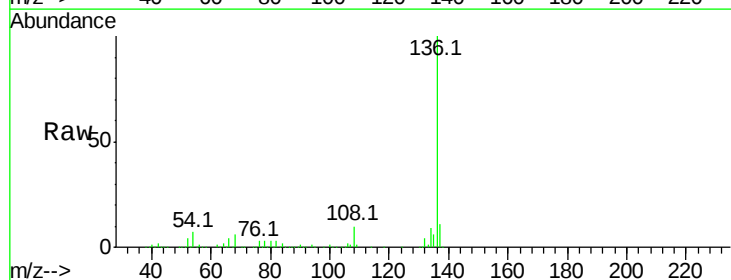
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.3 5.8 8.6

68 5.6 3.8 5.8

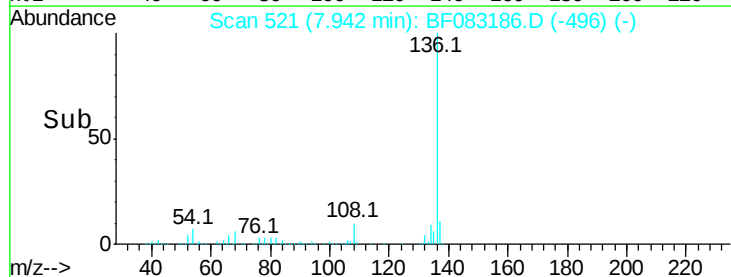
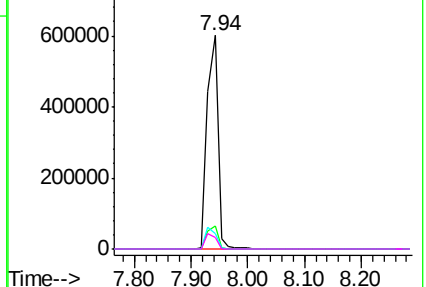


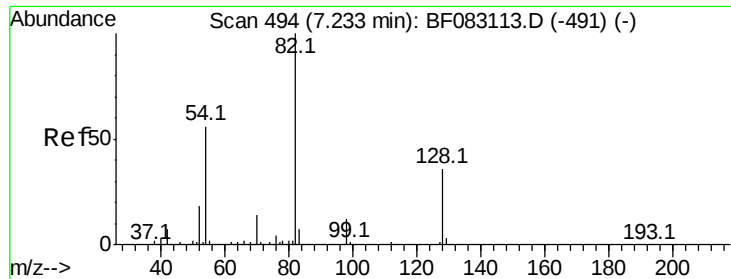
Abundance Ion 136.00 (135.70 to 136.70): E

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

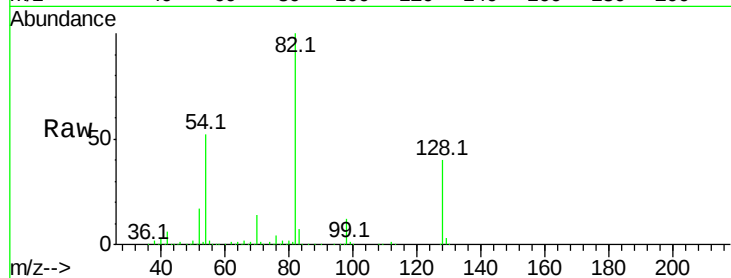




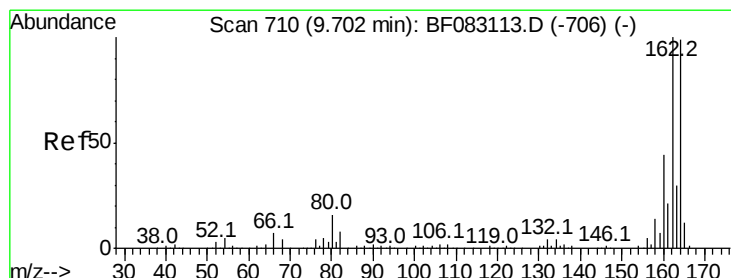
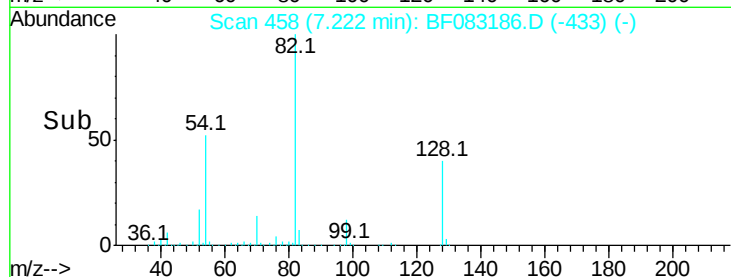
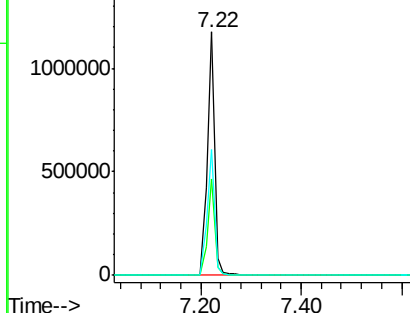
#23
Nitrobenzene-d5
Concen: 71.73 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Instrument :
BNA_F
ClientSampleId :
H4

Tot Ion: 82 Resp: 1191000
Ion Ratio Lower Upper
82 100
128 39.8 28.5 42.7
54 51.6 44.6 67.0

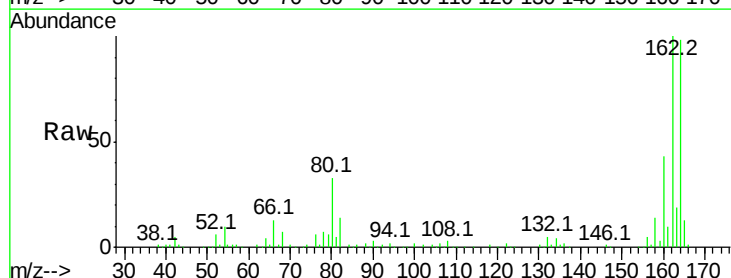


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

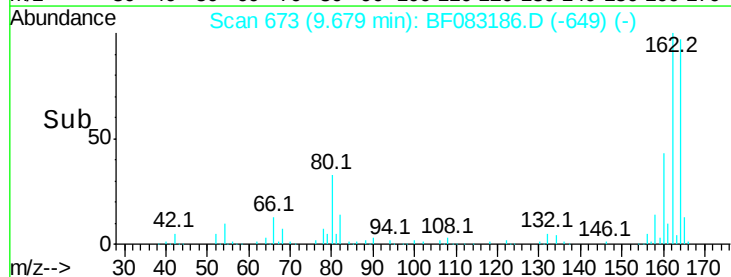
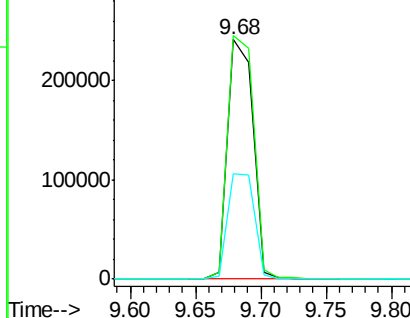


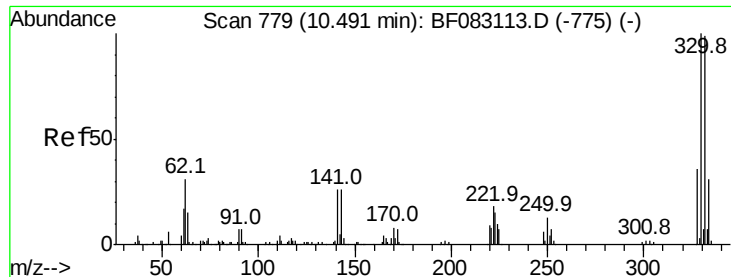
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083186.D
Acq: 23 Nov 2015 4:31

Tgt Ion: 164 Resp: 327150
Ion Ratio Lower Upper
164 100
162 101.7 81.2 121.8
160 44.2 35.6 53.4



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

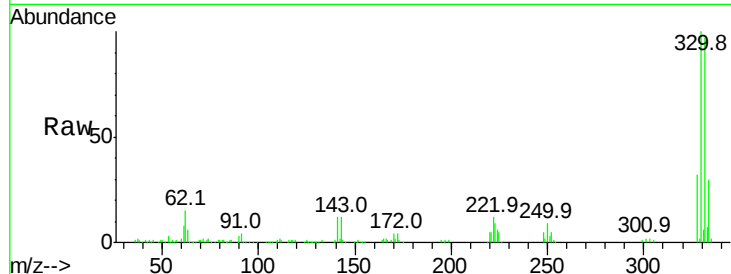




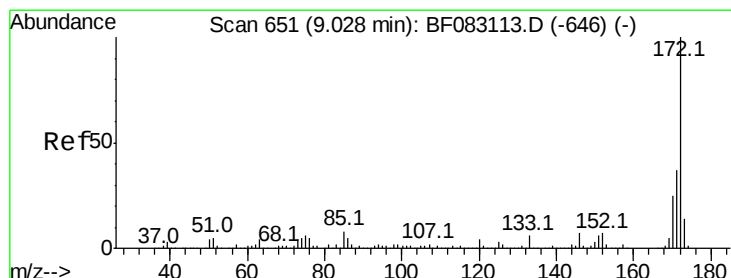
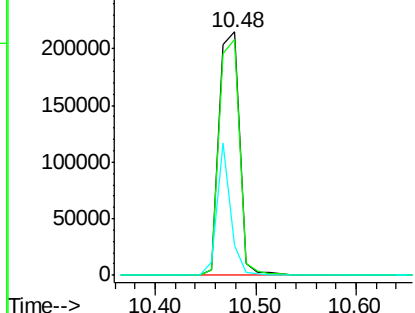
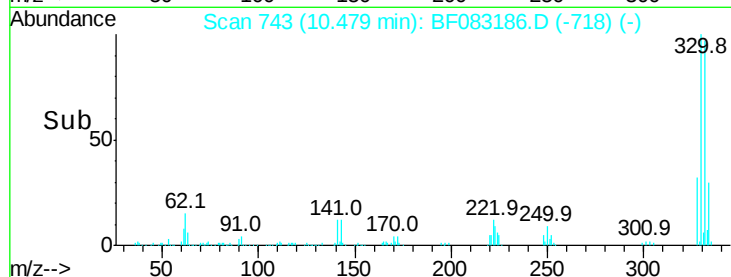
#41
 2,4,6-Tribromophenol
 Concen: 90.93 ng
 RT: 10.48 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 H4

Tot Ion:330 Resp: 304348
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.7 116.5
 141 36.1 29.7 44.5

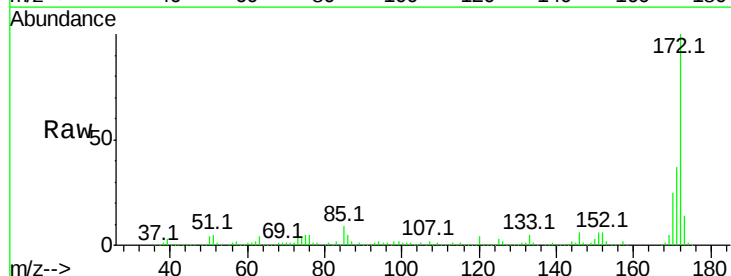


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

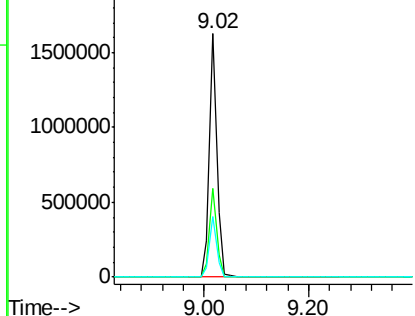
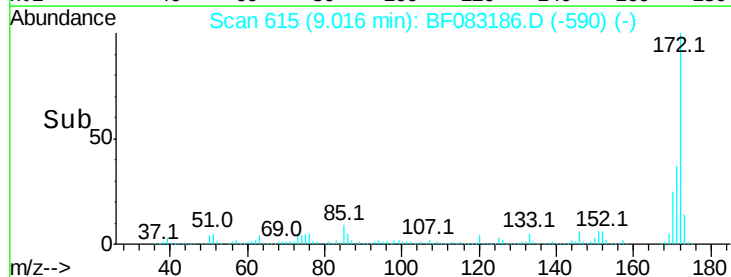


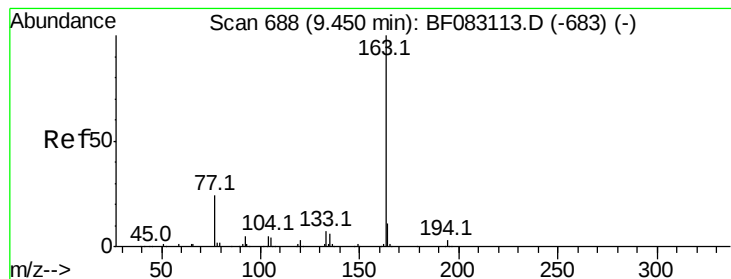
#44
 2-Fluorobiphenyl
 Concen: 69.04 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Tgt Ion:172 Resp: 1619671
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.5 44.3
 170 24.9 19.9 29.9



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: 17.61 ng

RT: 9.42 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

Instrument :

BNA_F

ClientSampleId :

H4

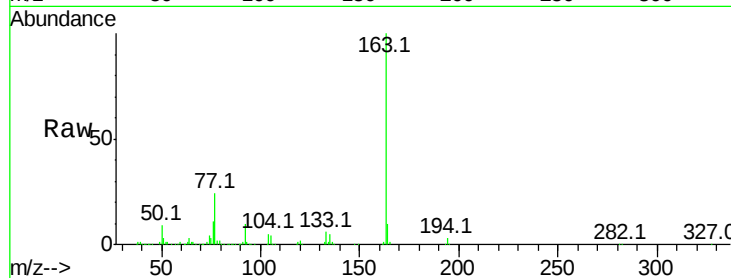
Tot Ion:163 Resp: 443514

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

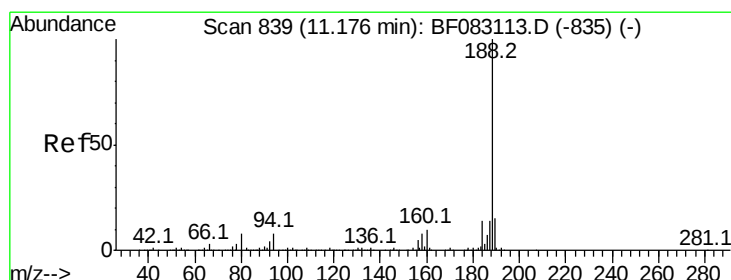
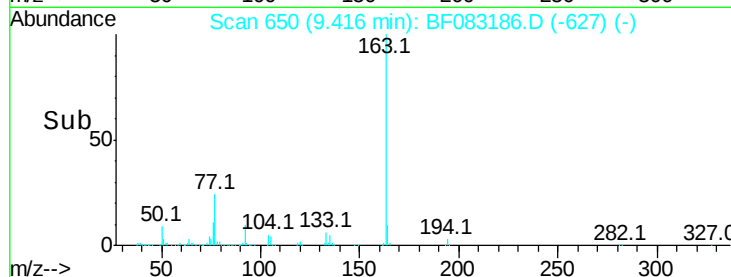
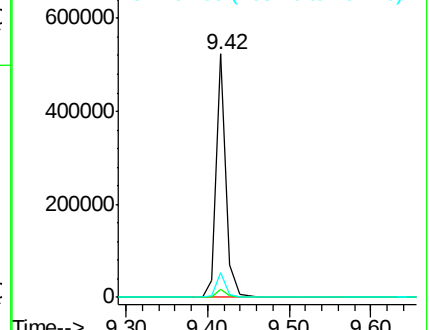
164 10.0 8.6 12.8



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: 11.16 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF083186.D

Acq: 23 Nov 2015 4:31

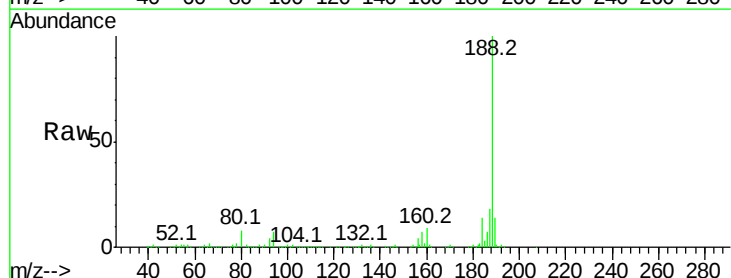
Tgt Ion:188 Resp: 538983

Ion Ratio Lower Upper

188 100

94 6.9 6.0 9.0

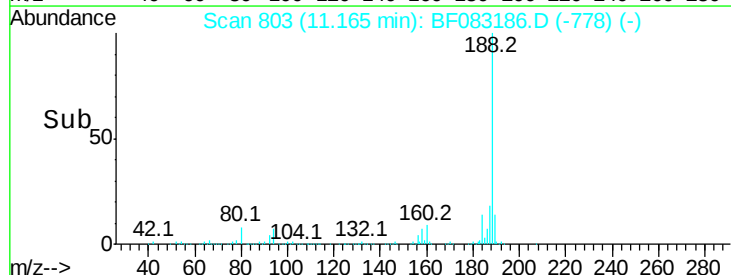
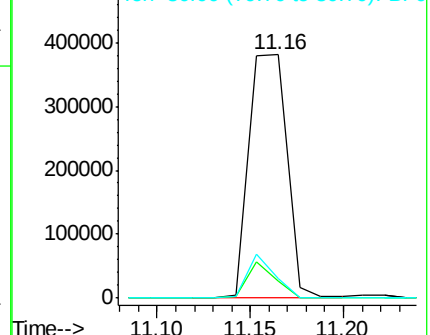
80 7.8 6.7 10.1

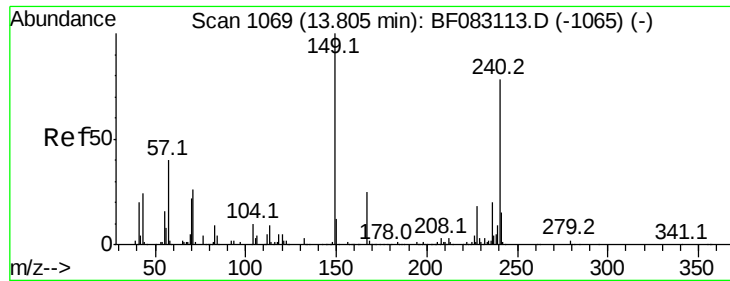


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

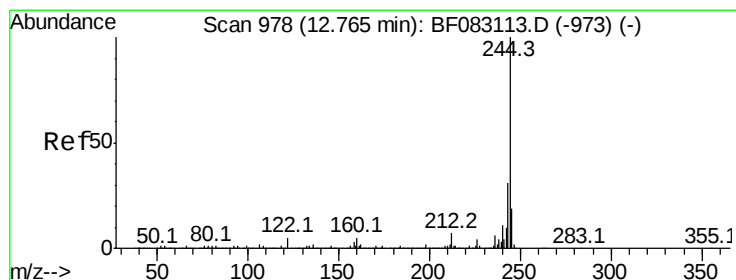
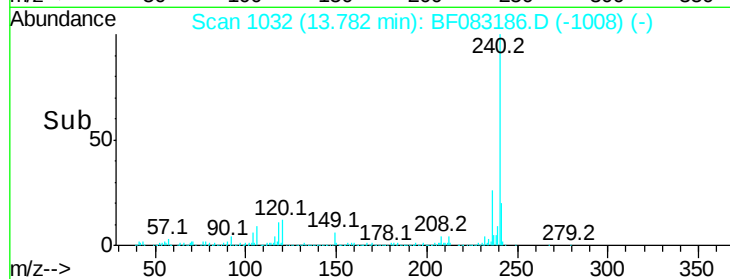
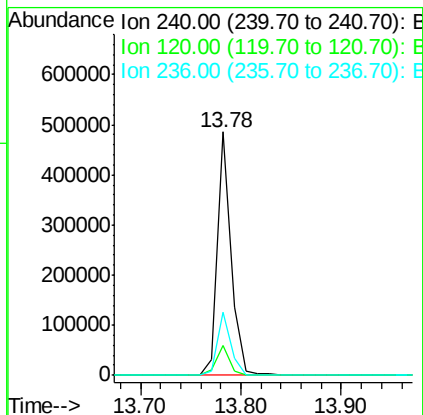
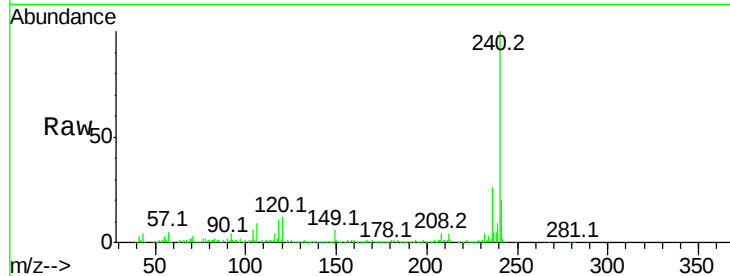




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

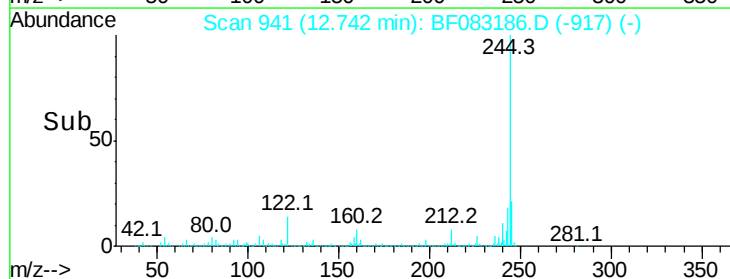
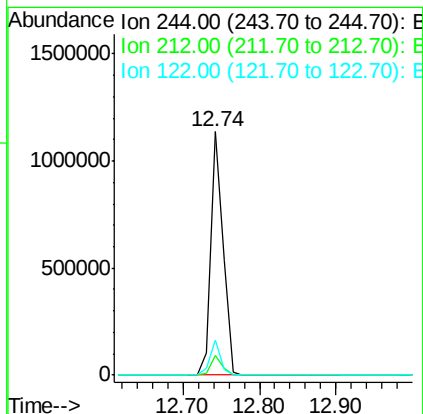
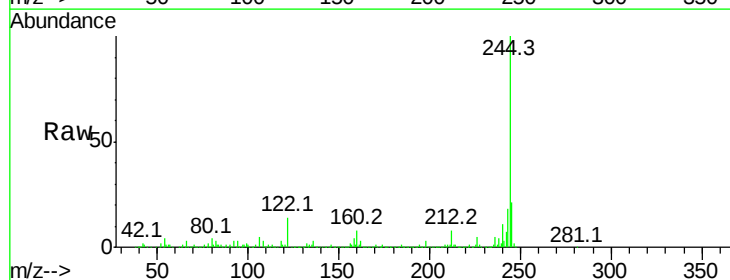
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 H4

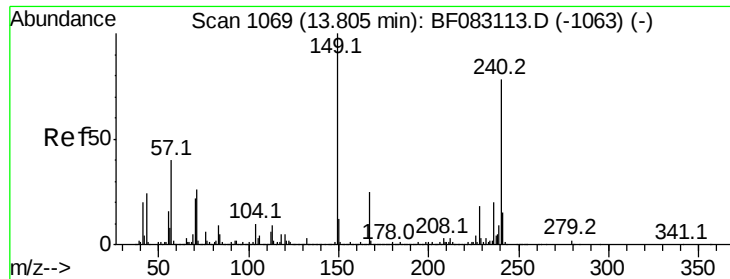
Tot Ion:240 Resp: 459815
 Ion Ratio Lower Upper
 240 100
 120 12.1 5.4 8.2#
 236 25.9 20.6 31.0



#78
 Terphenyl-d14
 Concen: 63.09 ng
 RT: 12.74 min Scan# 941
 Delta R.T. -0.02 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Tgt Ion:244 Resp: 1231982
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 14.1 4.3 6.5#

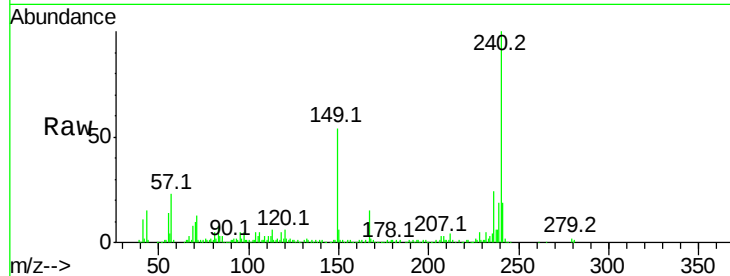




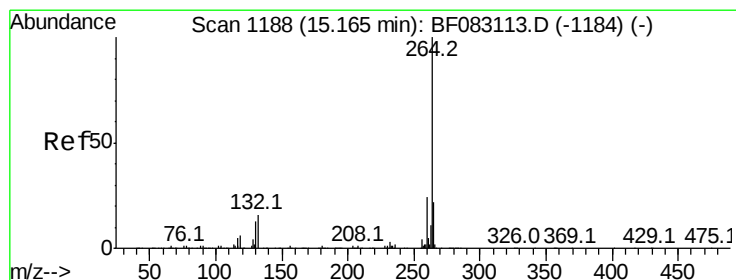
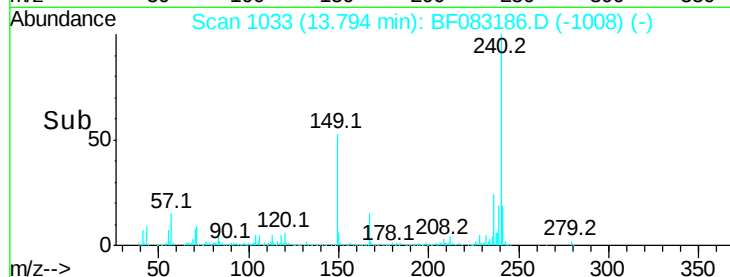
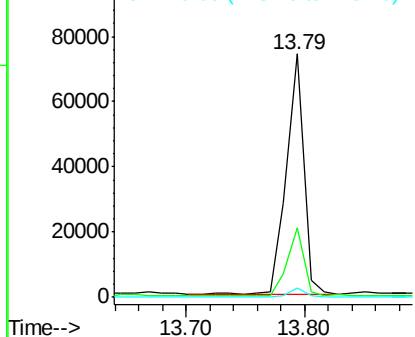
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.84 ng
 RT: 13.79 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 H4

Tot Ion:149 Resp: 74495
 Ion Ratio Lower Upper
 149 100
 167 28.4 20.1 30.1
 279 3.9 1.7 2.5#

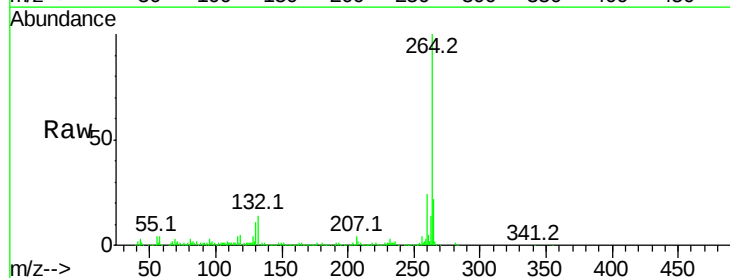


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF083186.D
 Acq: 23 Nov 2015 4:31

Tgt Ion:264 Resp: 348463
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.7 18.2 27.4



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

