

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF081996.D
 Acq On : 2 Oct 2015 23:35
 Operator : UM/IZ
 Sample : G3887-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(15-16)

Quant Time: Oct 03 04:59:20 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

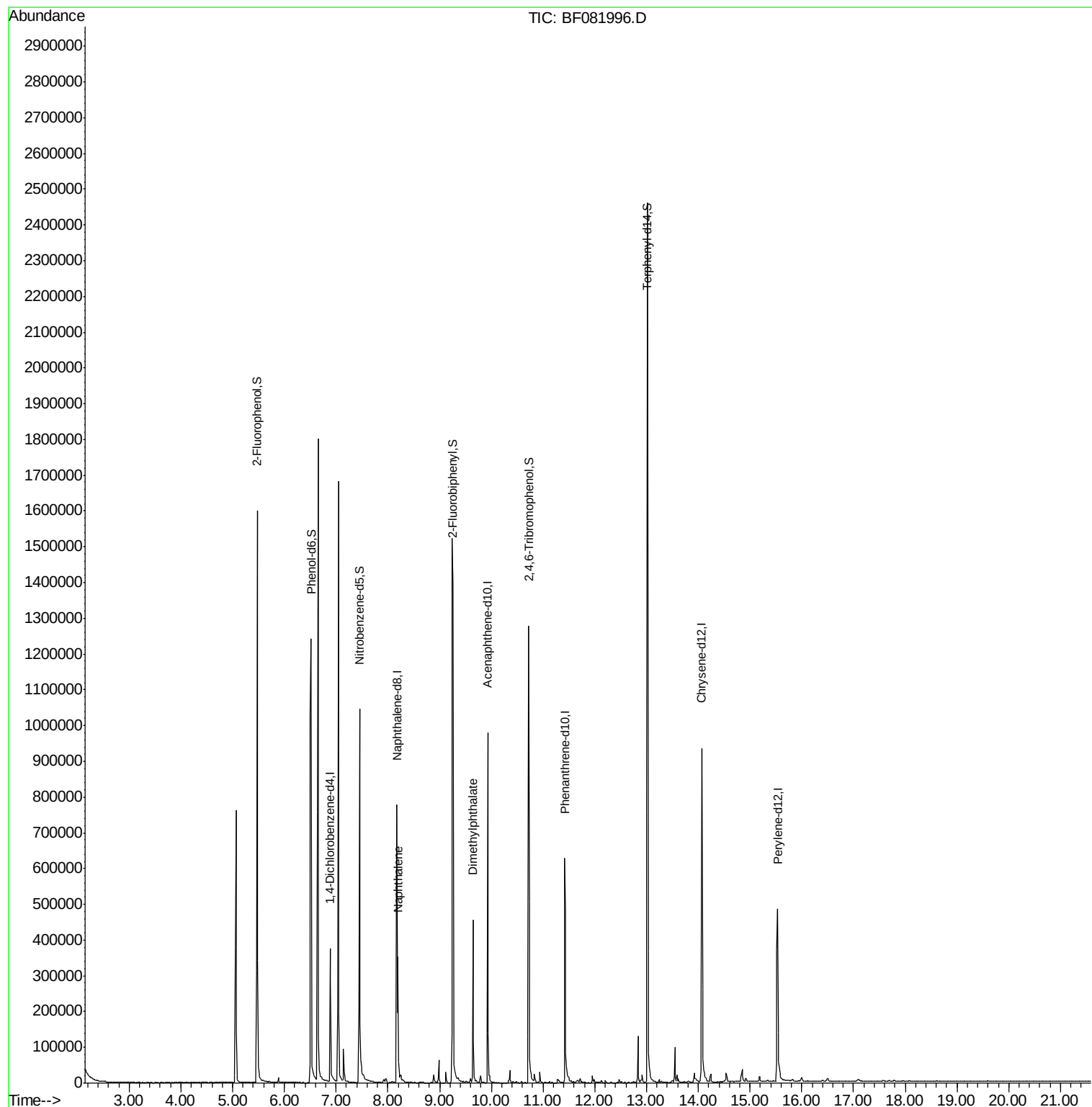
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93207	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	390478	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	203812	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	389730	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	416807	20.00	ng	-0.05
86) Perylene-d12	15.53	264	321591	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	484823	94.43	ng	-0.04
7) Phenol-d6	6.51	99	685761	106.14	ng	-0.05
23) Nitrobenzene-d5	7.45	82	411944	70.32	ng	-0.05
41) 2,4,6-Tribromophenol	10.72	330	190324	92.21	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	831145	65.22	ng	-0.05
78) Terphenyl-d14	13.02	244	919943	67.30	ng	-0.03
Target Compounds						
31) Naphthalene	8.19	128	173622	10.03	ng	Qvalue 99
49) Dimethylphthalate	9.65	163	206452	14.67	ng	# 97

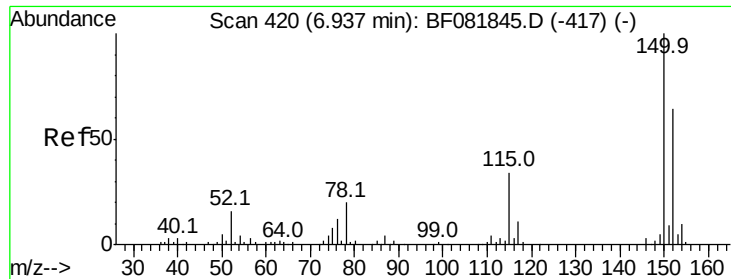
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

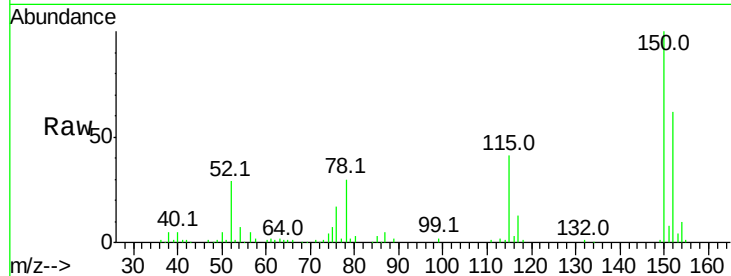
Tot Ion:152 Resp: 93207

Ion Ratio Lower Upper

152 100

150 162.4 124.7 187.1

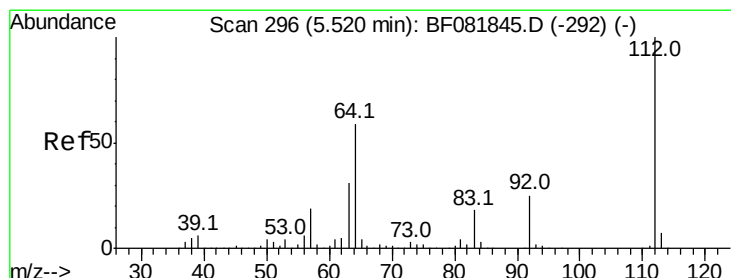
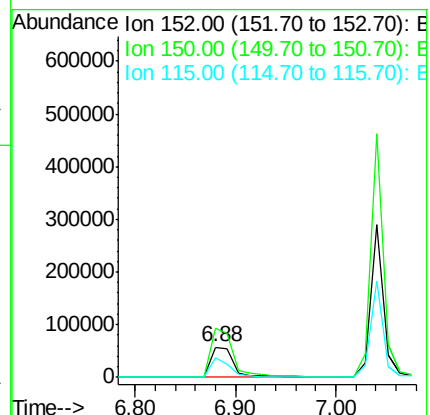
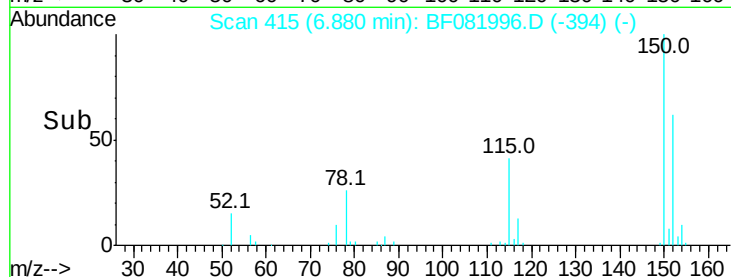
115 66.7 39.0 58.4#



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: 94.43 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

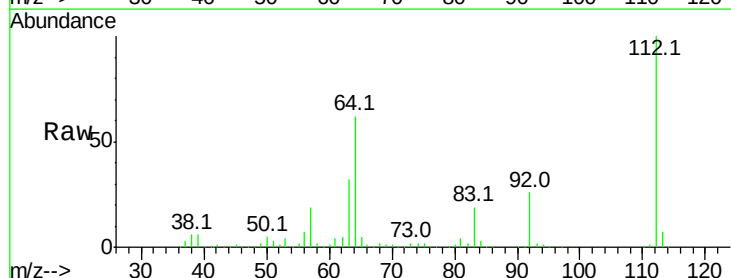
Tgt Ion:112 Resp: 484823

Ion Ratio Lower Upper

112 100

64 62.2 39.7 59.5#

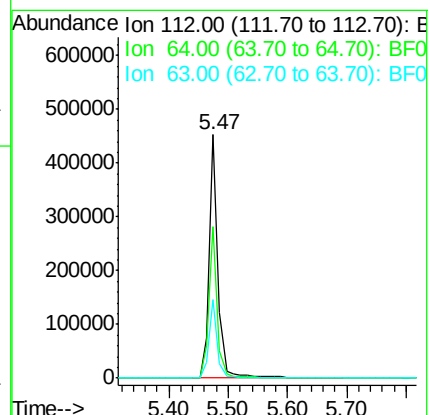
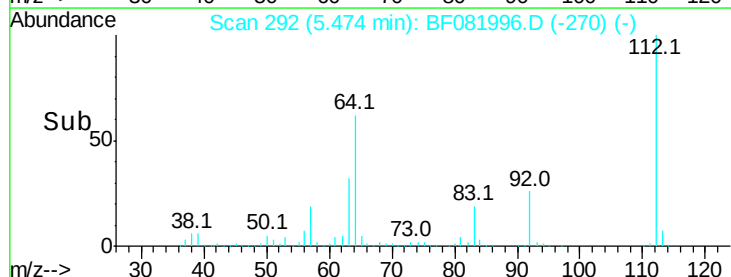
63 32.3 17.4 26.0#

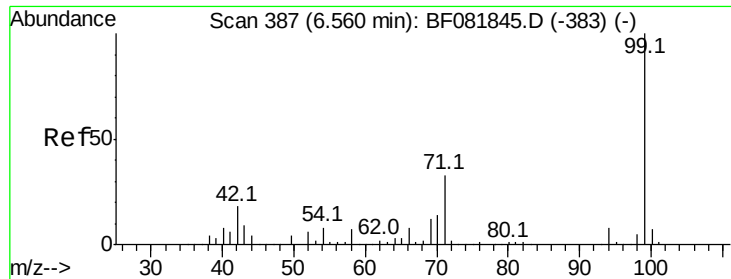


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.14 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

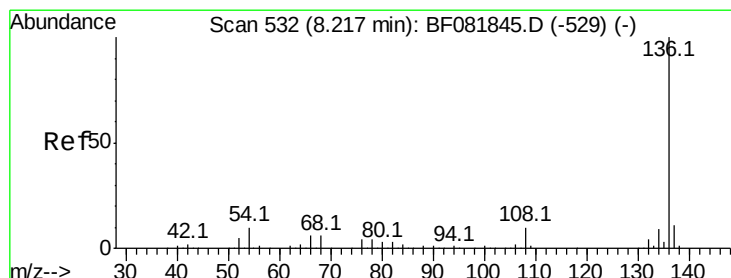
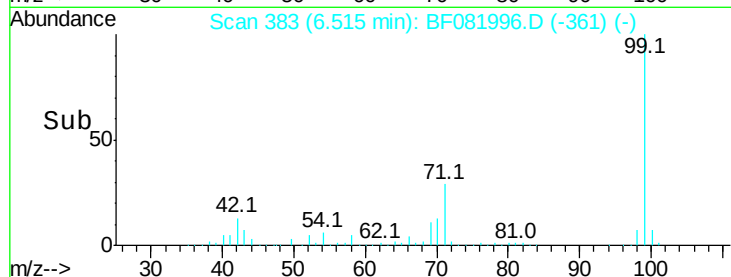
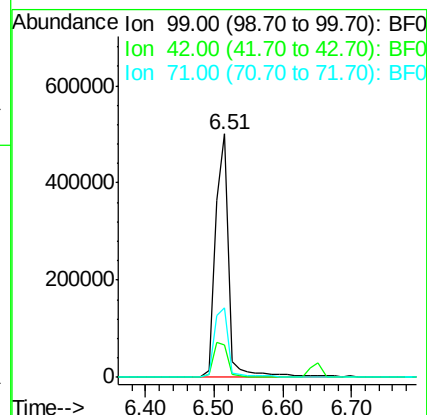
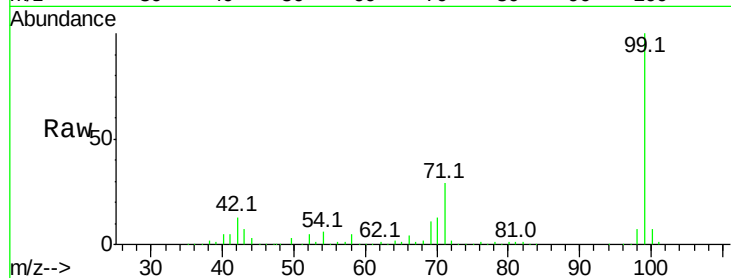
Tot Ion: 99 Resp: 685761

Ion Ratio Lower Upper

99 100

42 13.3 13.7 20.5#

71 28.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Tgt Ion: 136 Resp: 390478

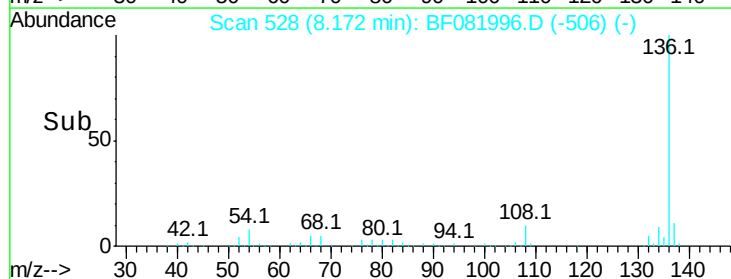
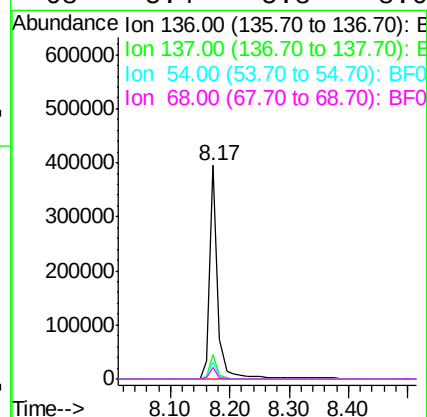
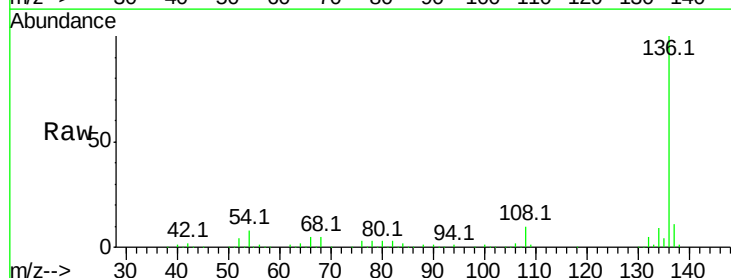
Ion Ratio Lower Upper

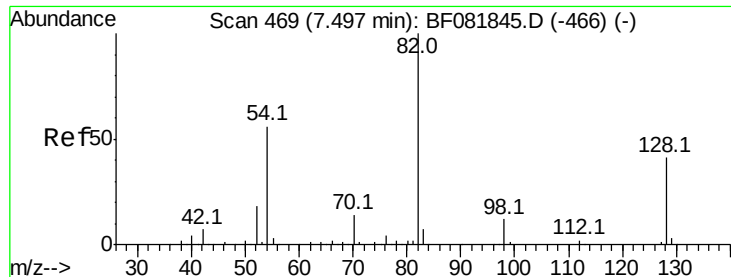
136 100

137 11.2 9.0 13.6

54 8.0 8.2 12.2#

68 5.4 5.8 8.6#

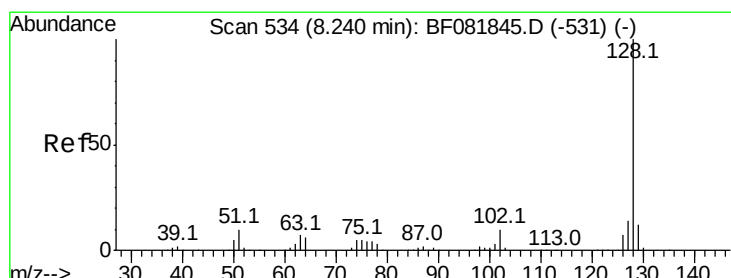
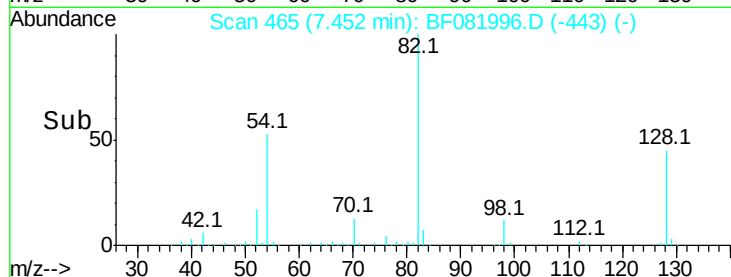
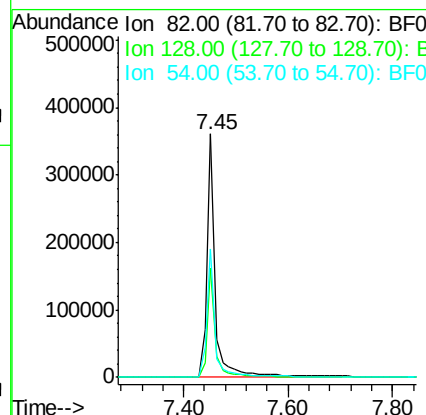
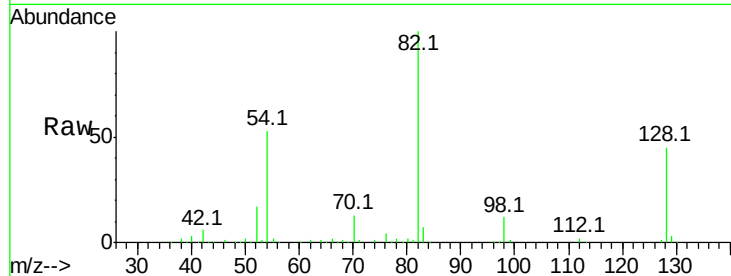




#23
 Nitrobenzene-d5
 Concen: 70.32 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

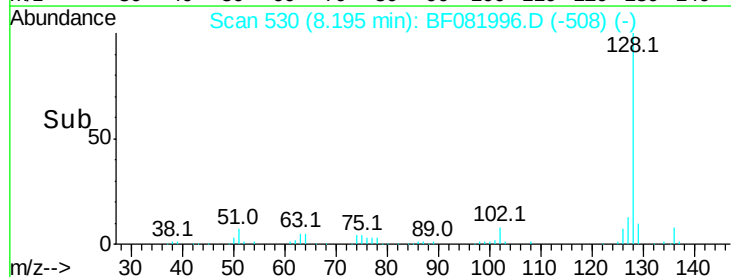
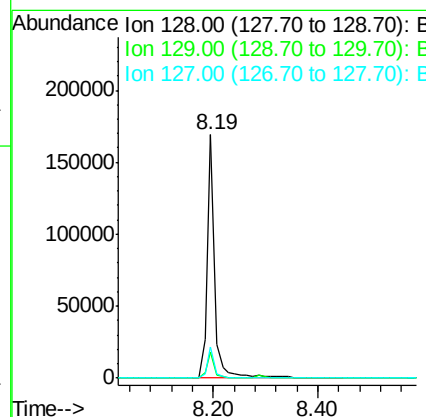
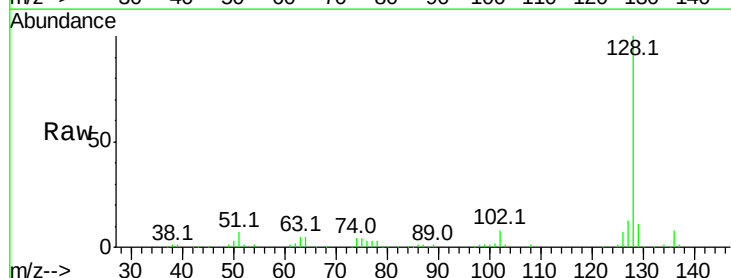
Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(15-16)

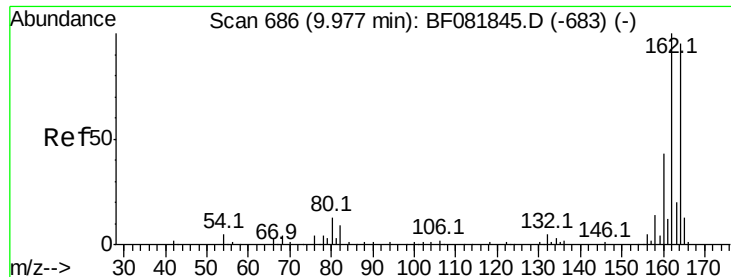
Tot Ion: 82 Resp: 411944
 Ion Ratio Lower Upper
 82 100
 128 44.8 51.0 76.6#
 54 52.7 47.5 71.3



#31
 Naphthalene
 Concen: 10.03 ng
 RT: 8.19 min Scan# 530
 Delta R.T. -0.05 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

Tgt Ion: 128 Resp: 173622
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.4 12.6
 127 12.9 9.9 14.9

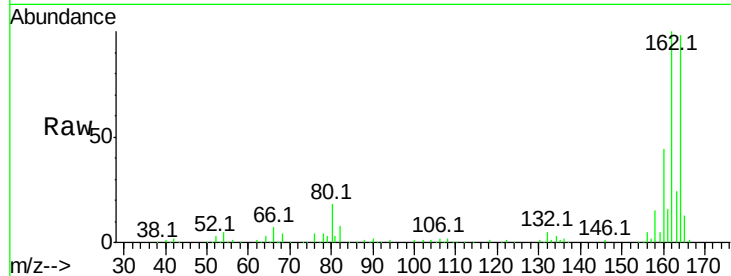




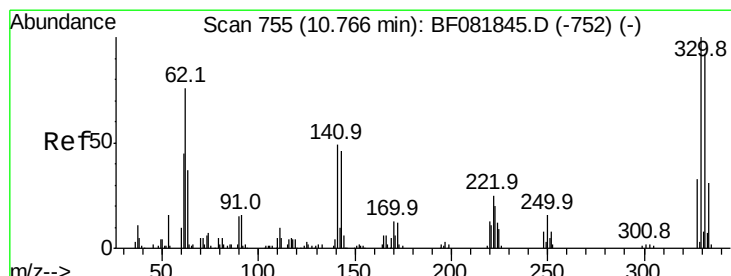
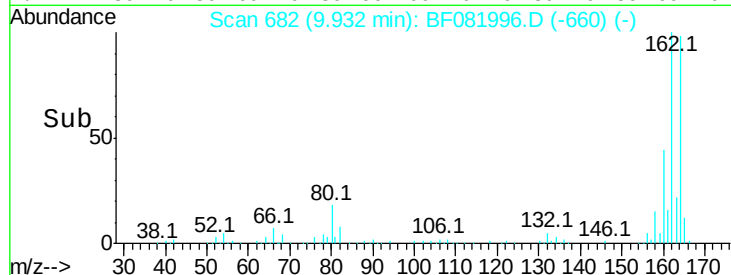
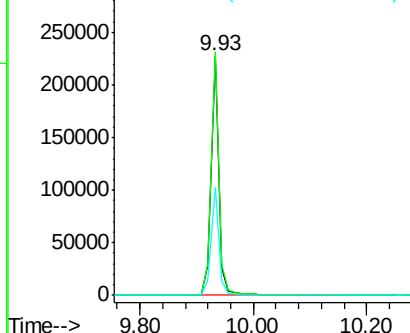
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(15-16)

Tot Ion:164 Resp: 203812
Ion Ratio Lower Upper
164 100
162 102.1 75.2 112.8
160 45.4 31.5 47.3

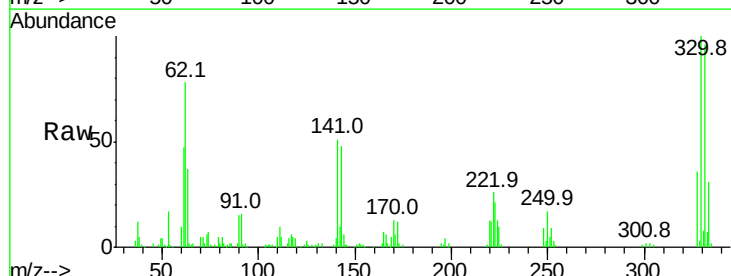


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

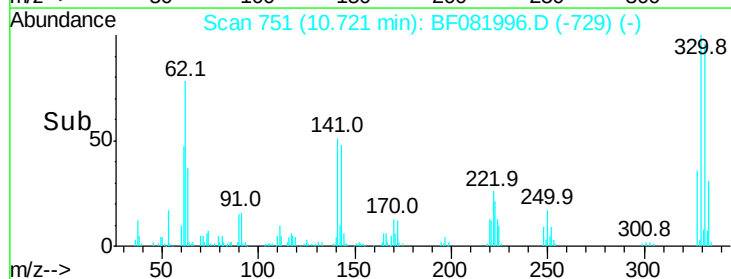
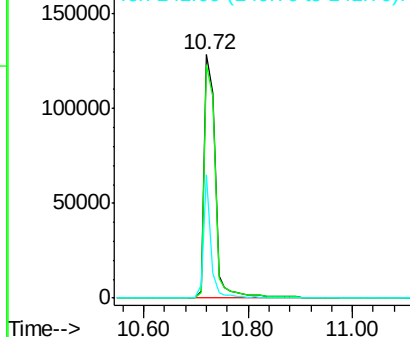


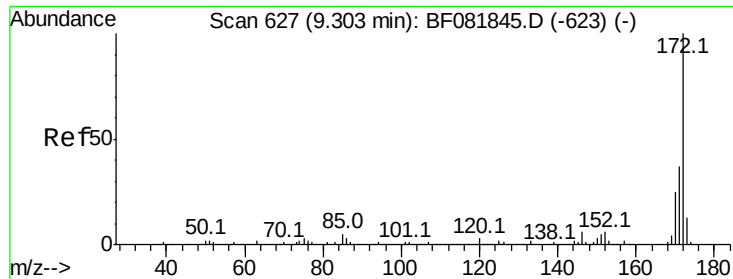
#41
2,4,6-Tribromophenol
Concen: 92.21 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Tgt Ion:330 Resp: 190324
Ion Ratio Lower Upper
330 100
332 96.7 76.6 114.8
141 34.2 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

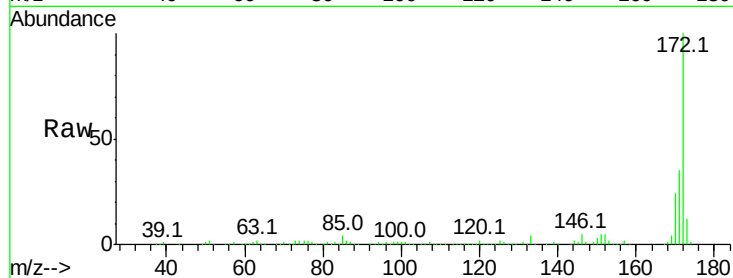




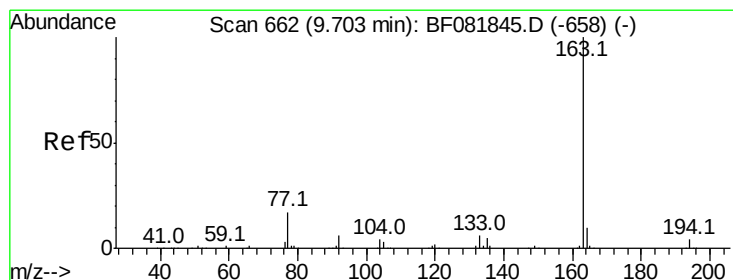
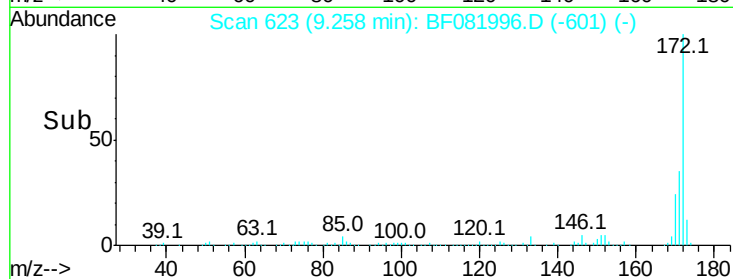
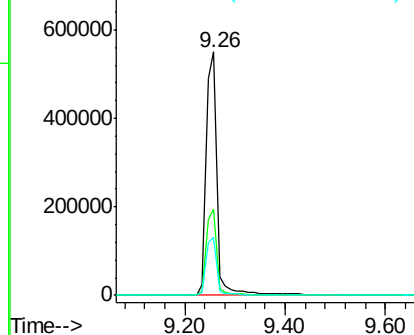
#44
2-Fluorobiphenyl
Concen: 65.22 ng
RT: 9.26 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Instrument :
BNA_F
ClientSampleId :
OS-SB-25(15-16)

Tot Ion:172 Resp: 831145
Ion Ratio Lower Upper
172 100
171 35.5 26.1 39.1
170 23.6 17.4 26.2

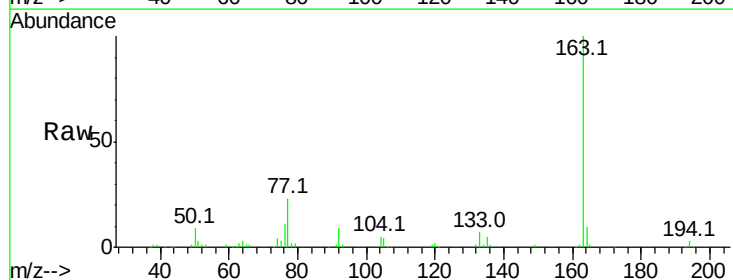


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

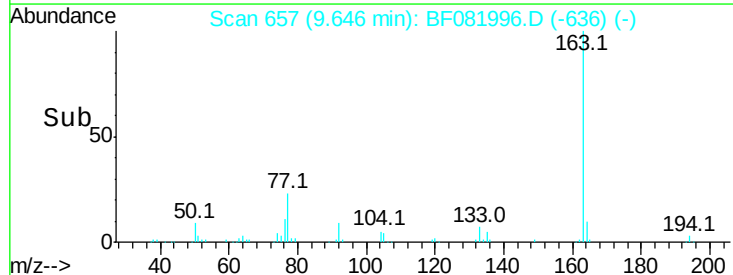
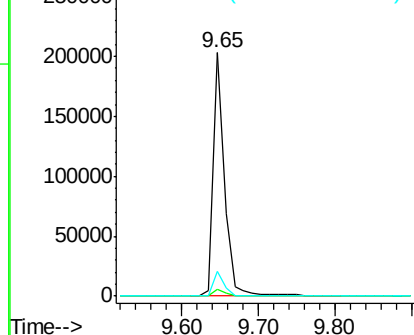


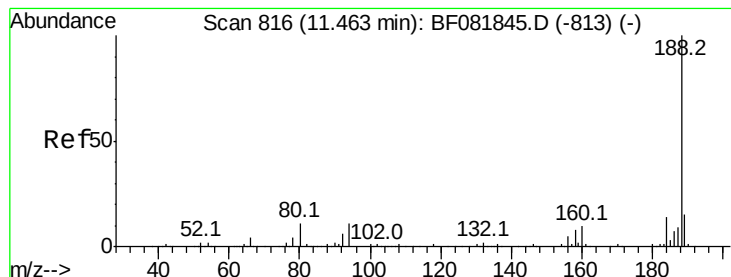
#49
Dimethylphthalate
Concen: 14.67 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF081996.D
Acq: 2 Oct 2015 23:35

Tgt Ion:163 Resp: 206452
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.2 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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-25(15-16)

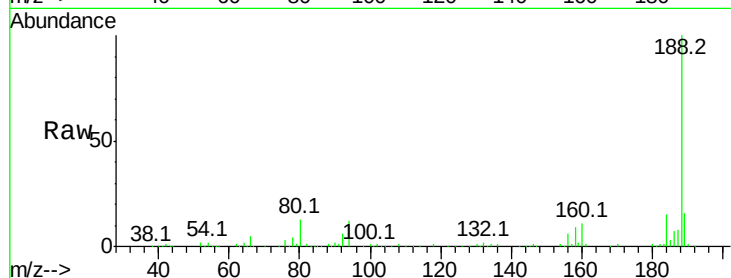
Tot Ion:188 Resp: 389730

Ion Ratio Lower Upper

188 100

94 11.6 11.1 16.7

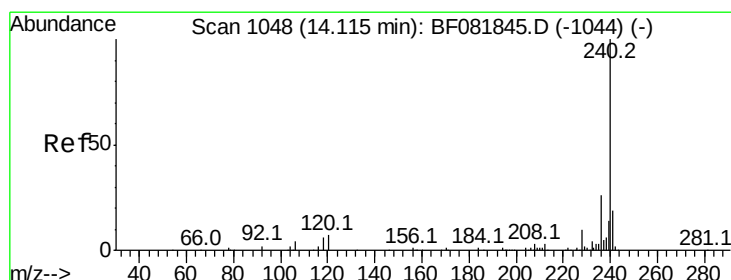
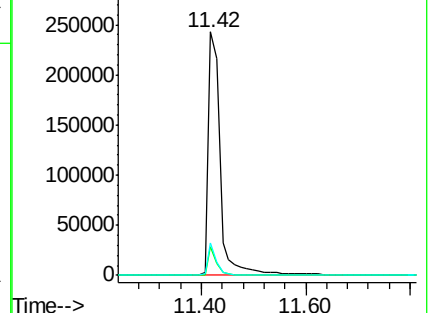
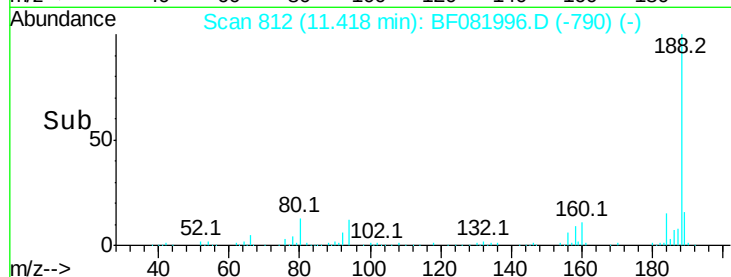
80 13.2 11.0 16.4



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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081996.D

Acq: 2 Oct 2015 23:35

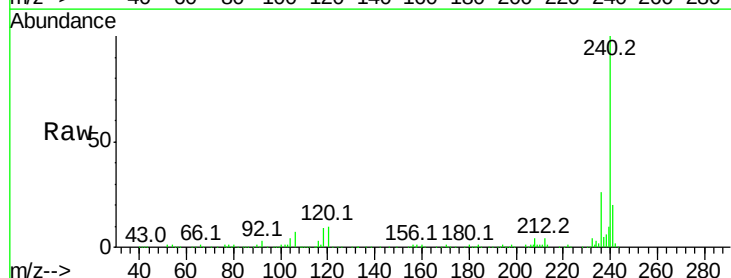
Tgt Ion:240 Resp: 416807

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

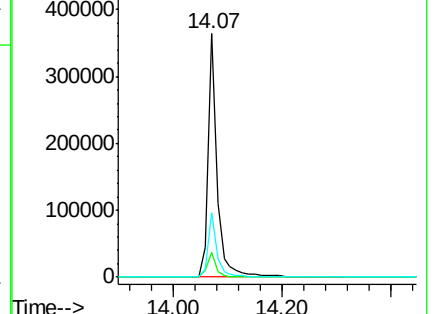
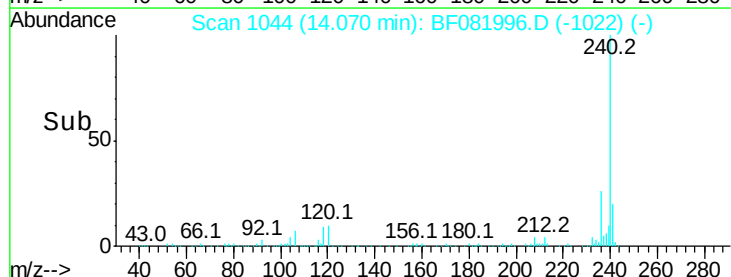
236 26.3 18.4 27.6

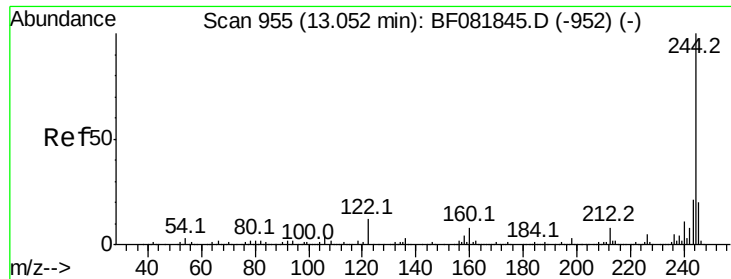


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

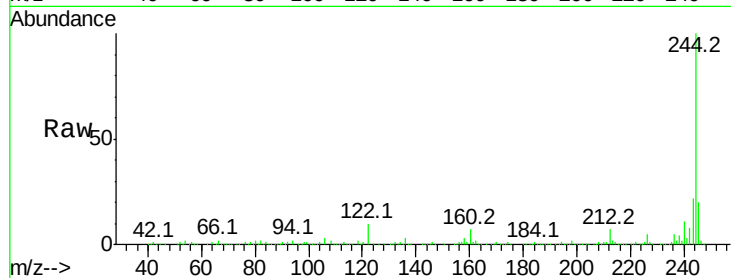




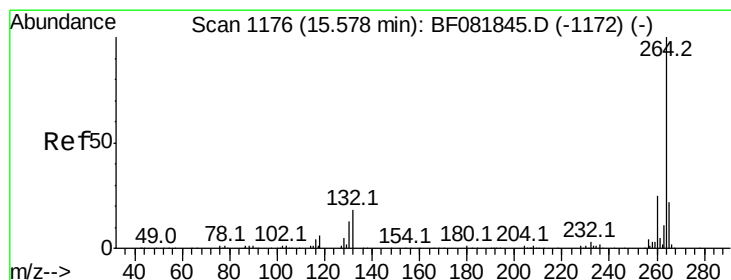
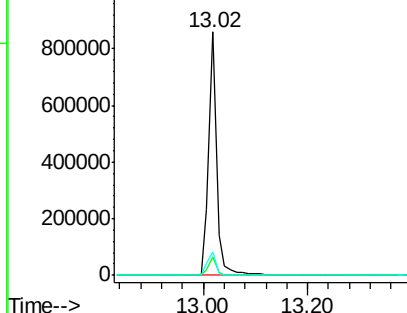
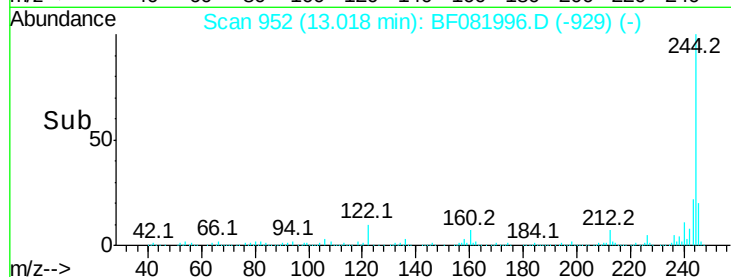
#78
 Terphenyl-d14
 Concen: 67.30 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-25(15-16)

Tot Ion:244 Resp: 919943
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 9.9 17.4 26.2#

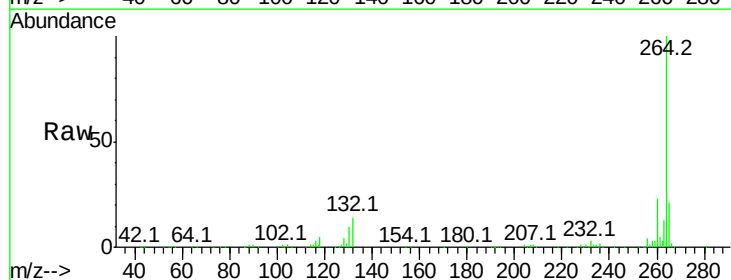


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081996.D
 Acq: 2 Oct 2015 23:35

Tgt Ion:264 Resp: 321591
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.1 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

