

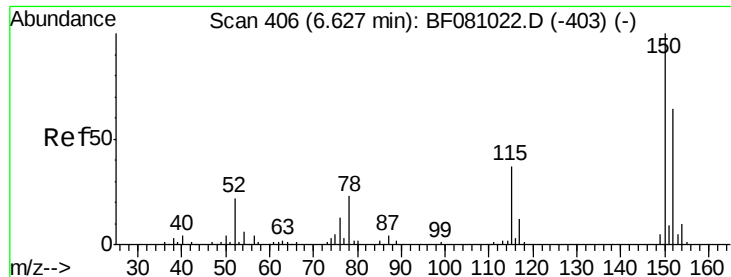
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
 Data File : BF081260.D
 Acq On : 28 Aug 2015 3:42
 Operator : UM/IZ
 Sample : G3430-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB3(24-25)

Quant Time: Aug 28 04:47:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 03:32:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	40930	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	156152	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	81968	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	161557	20.00	ng	-0.01
75) Chrysene-d12	13.61	240	144889	20.00	ng	0.00
86) Perylene-d12	14.94	264	98586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	338941	124.55	ng	0.01
7) Phenol-d6	6.16	99	513572	144.65	ng	0.00
23) Nitrobenzene-d5	7.07	82	285104	83.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	115345	162.34	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	445902	71.28	ng	-0.01
78) Terphenyl-d14	12.58	244	454653	67.27	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.27	77	10006	4.37	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	38544	15.67	ng	# 70
49) Dimethylphthalate	9.27	163	72337	10.72	ng	99
56) 2,4-Dinitrotoluene	9.53	165	10539	5.49	ng	# 16
66) 4-Bromophenyl-phenylether	10.32	248	8632	5.44	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

Instrument :

BNA_F

ClientSampleId :

SB3(24-25)

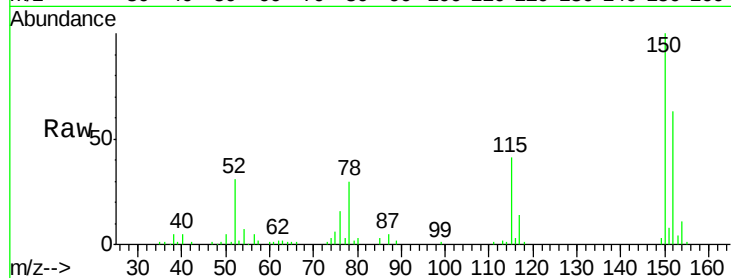
Tgt Ion:152 Resp: 40930

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.6

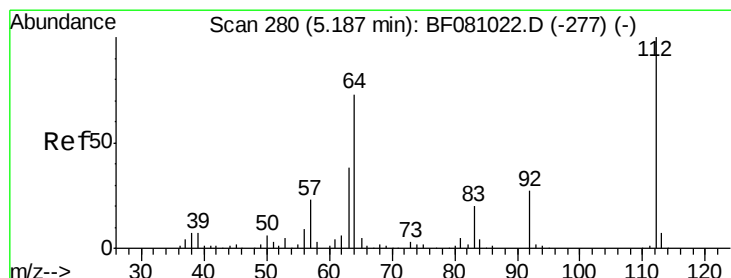
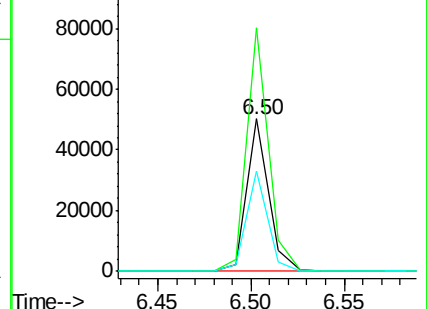
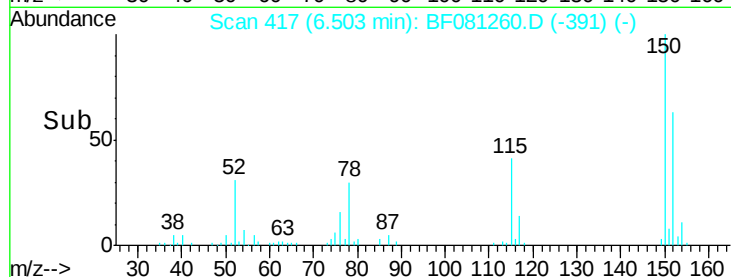
115 65.6 52.1 78.1



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: 124.55 ng

RT: 5.06 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

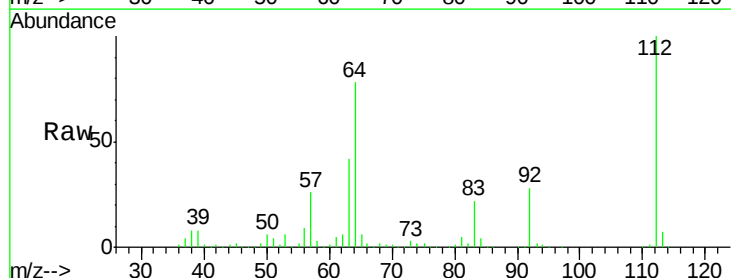
Tgt Ion:112 Resp: 338941

Ion Ratio Lower Upper

112 100

64 78.2 66.9 100.3

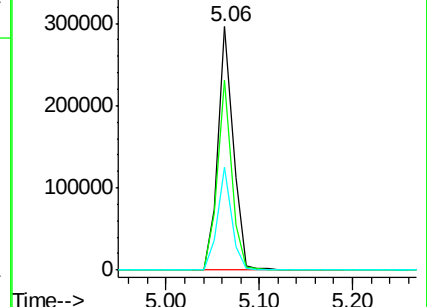
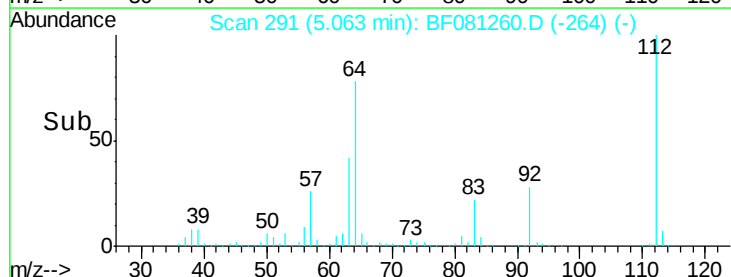
63 42.1 38.1 57.1



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: 144.65 ng

RT: 6.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

Instrument :

BNA_F

ClientSampleId :

SB3(24-25)

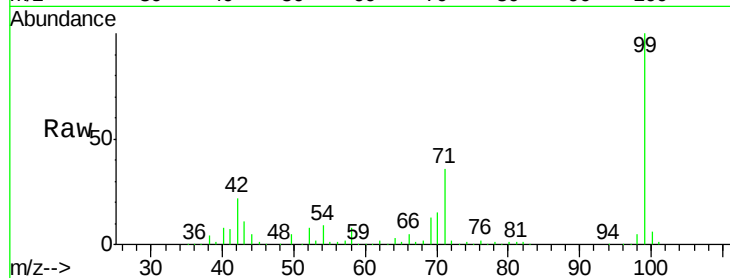
Tgt Ion: 99 Resp: 513572

Ion Ratio Lower Upper

99 100

42 22.0 19.6 29.4

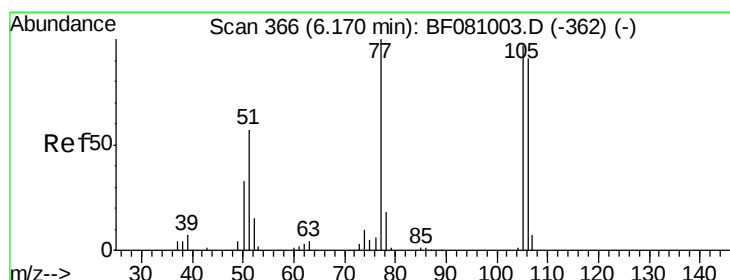
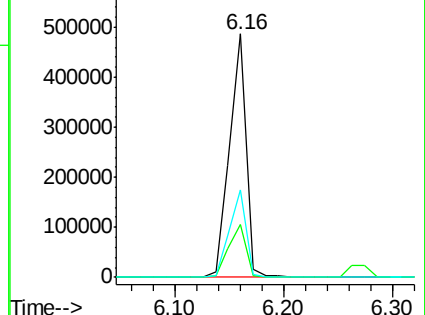
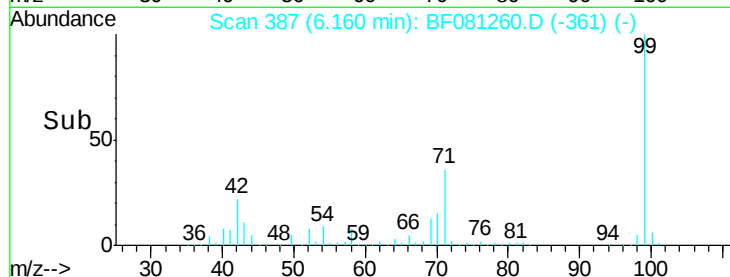
71 35.9 31.2 46.8



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



#9

Benzaldehyde

Concen: 4.37 ng

RT: 6.27 min Scan# 397

Delta R.T. 0.23 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

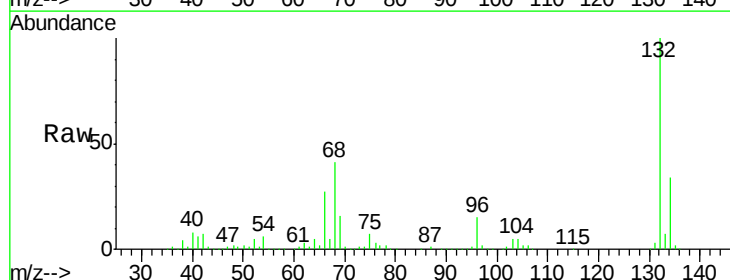
Tgt Ion: 77 Resp: 10006

Ion Ratio Lower Upper

77 100

105 83.3 69.6 109.6

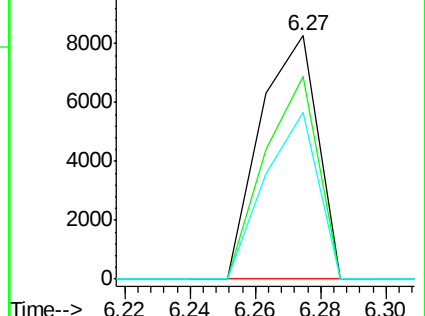
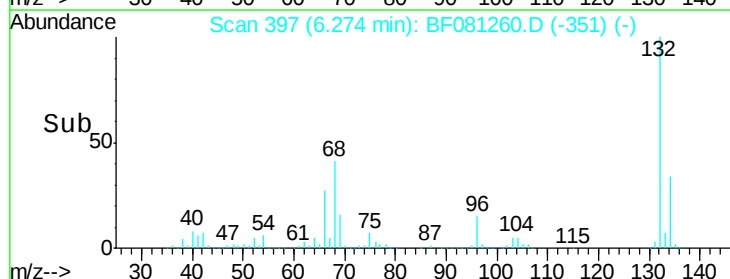
106 68.3 64.0 104.0

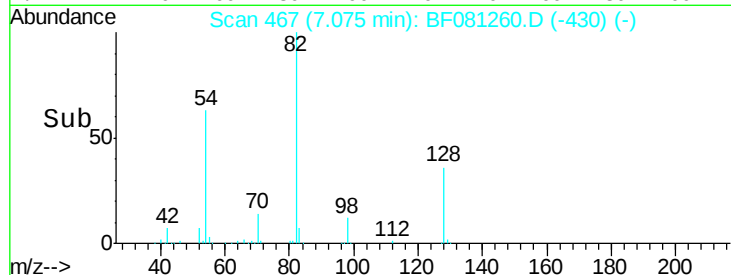
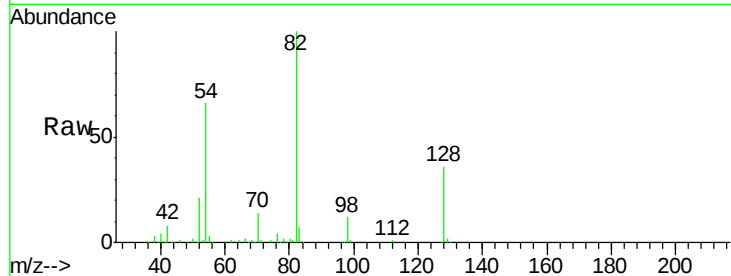
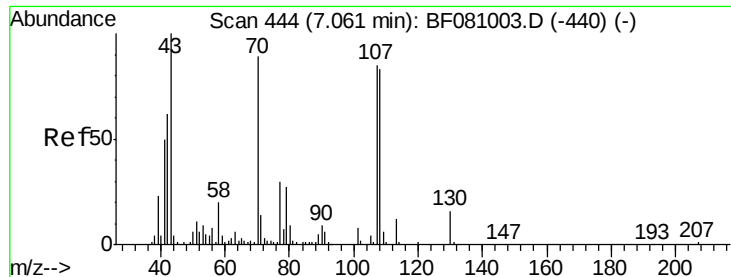


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

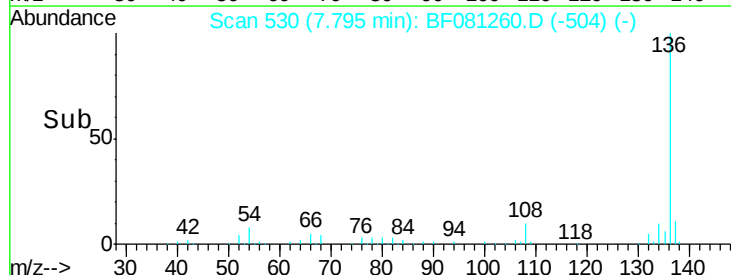
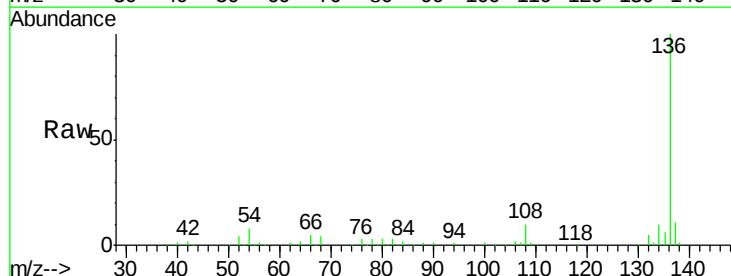
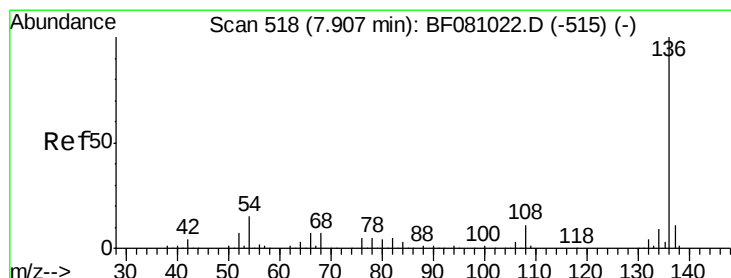
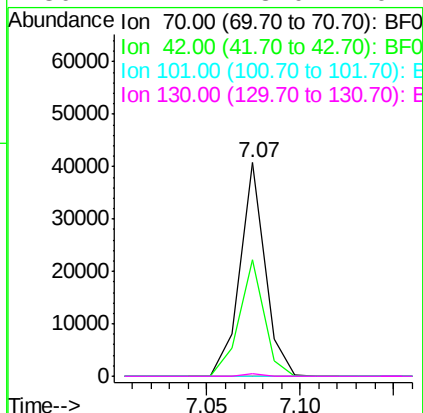




#19
n-Nitroso-di-n-propylamine
Concen: 15.67 ng
RT: 7.07 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF081260.D
Acq: 28 Aug 2015 3:42

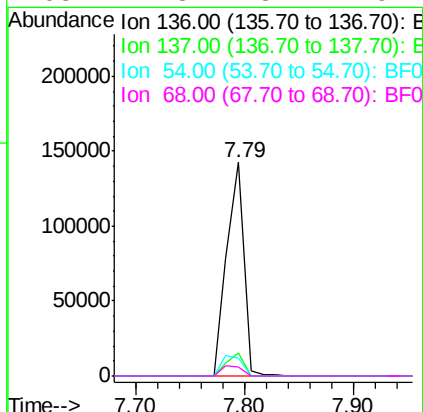
Instrument :
BNA_F
ClientSampleId :
SB3(24-25)

Tgt Ion: 70 Resp: 38544
Ion Ratio Lower Upper
70 100
42 54.8 65.0 97.4#
101 0.0 7.4 11.2#
130 1.4 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF081260.D
Acq: 28 Aug 2015 3:42

Tgt Ion: 136 Resp: 156152
Ion Ratio Lower Upper
136 100
137 10.5 8.2 12.2
54 8.2 7.7 11.5
68 4.3 3.4 5.2

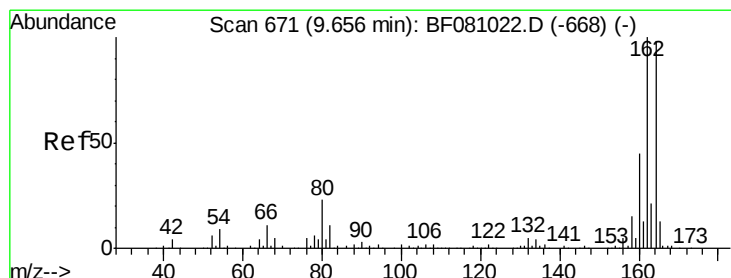
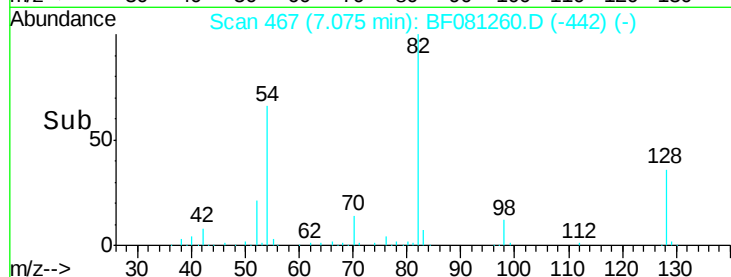
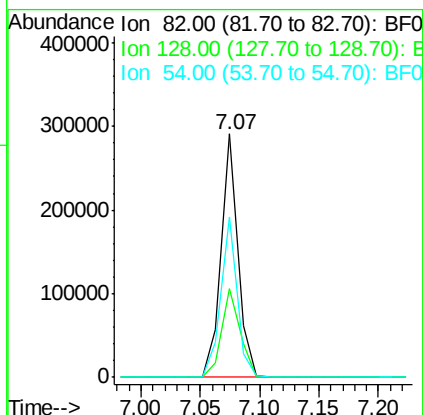
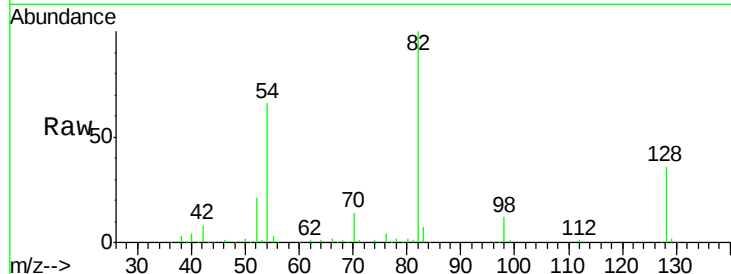




#23
 Nitrobenzene-d5
 Concen: 83.41 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF081260.D
 Acq: 28 Aug 2015 3:42

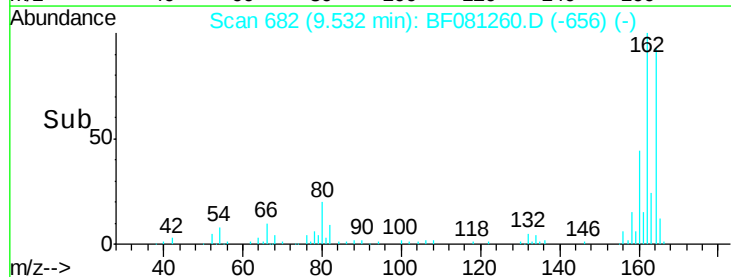
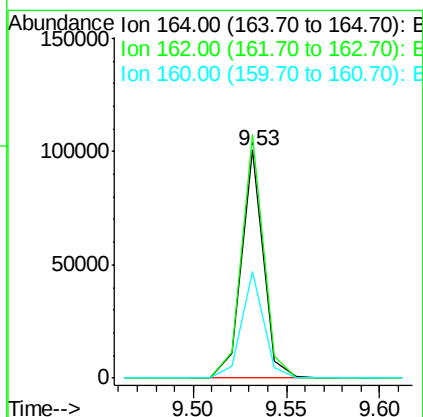
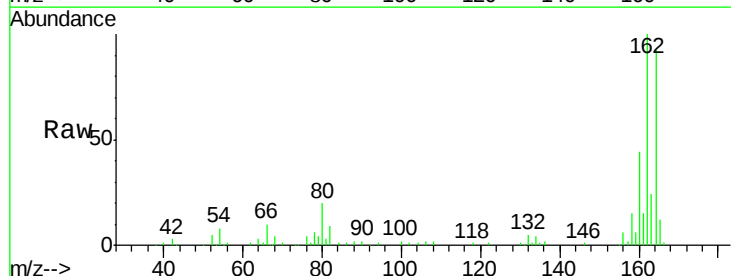
Instrument :
 BNA_F
 ClientSampleId :
 SB3(24-25)

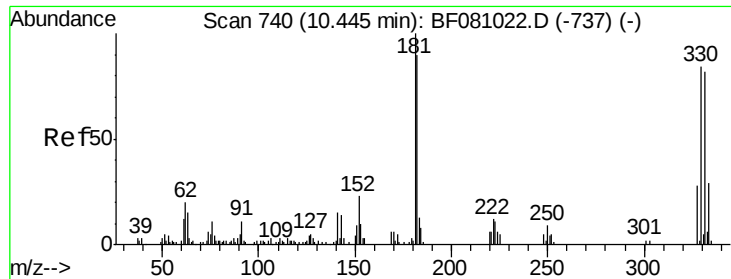
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	28.6	42.8
54	65.8	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BF081260.D
 Acq: 28 Aug 2015 3:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	83.8	125.8
160	46.9	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 162.34 ng

RT: 10.32 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

Instrument :

BNA_F

ClientSampleId :

SB3(24-25)

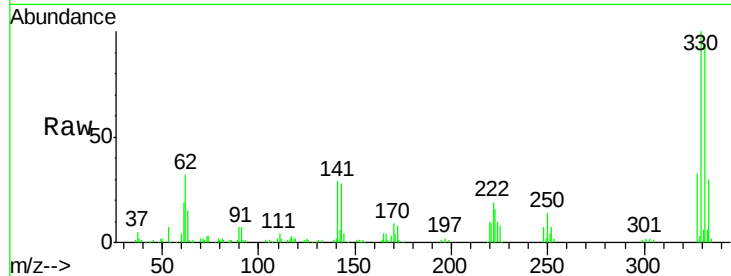
Tgt Ion:330 Resp: 115345

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

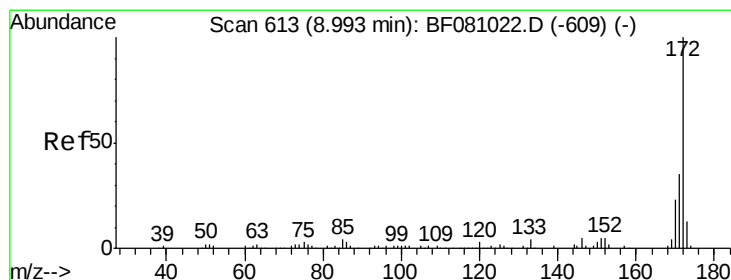
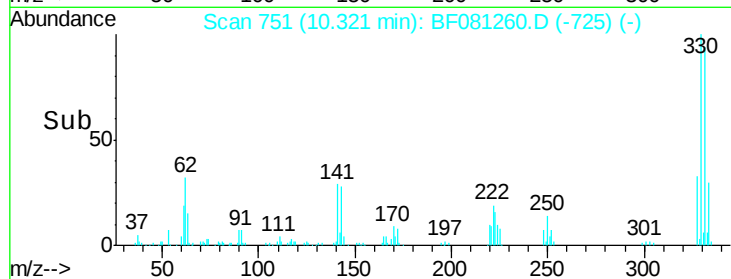
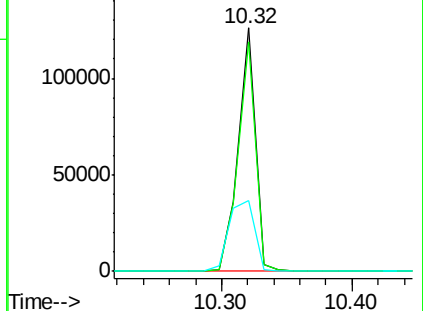
141 43.5 44.9 67.3#



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: 71.28 ng

RT: 8.87 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

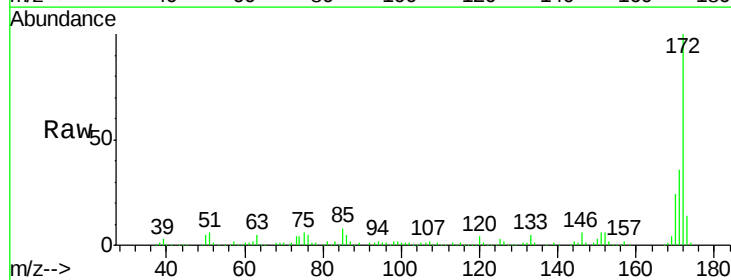
Tgt Ion:172 Resp: 445902

Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

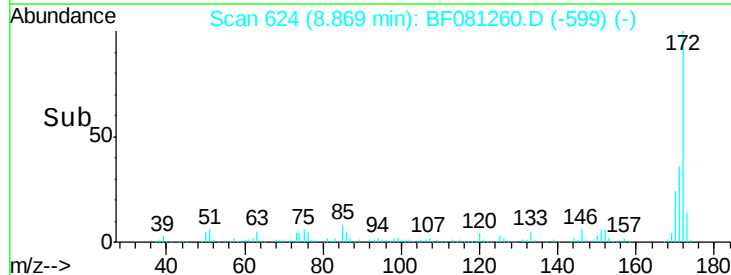
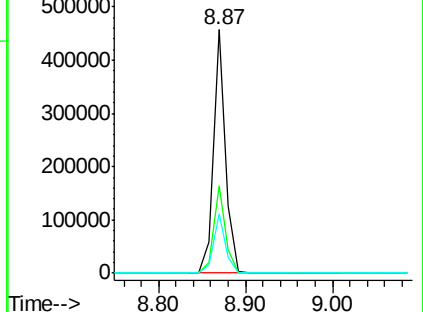
170 24.2 19.4 29.2

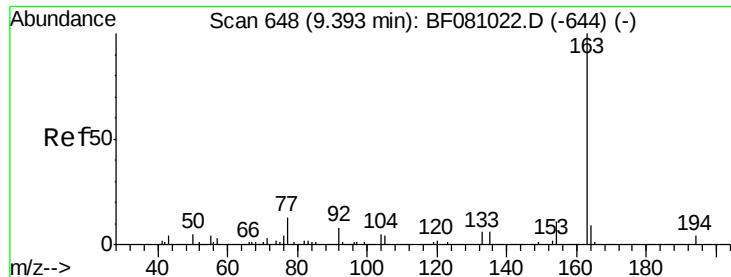


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

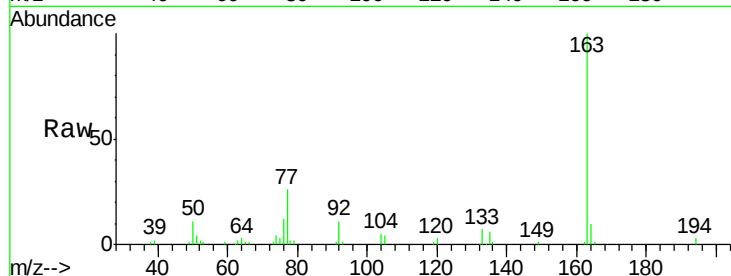




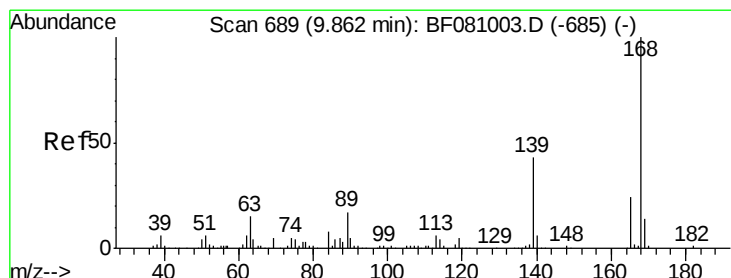
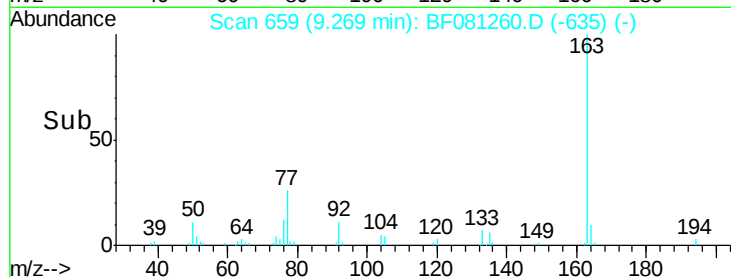
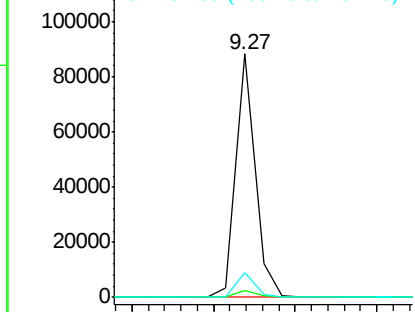
#49
Dimethylphthalate
Concen: 10.72 ng
RT: 9.27 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF081260.D
Acq: 28 Aug 2015 3:42

Instrument :
BNA_F
ClientSampleId :
SB3(24-25)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.5	3.7
164	10.3	8.1	12.1



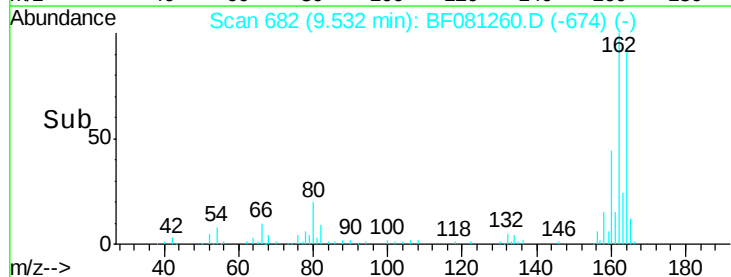
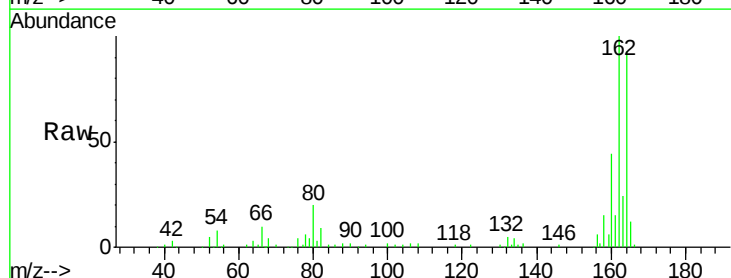
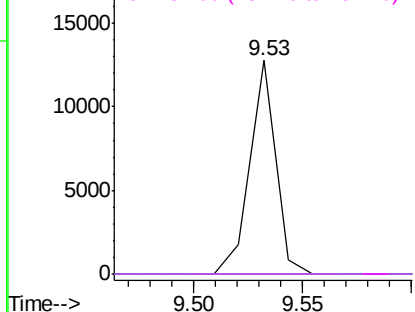
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

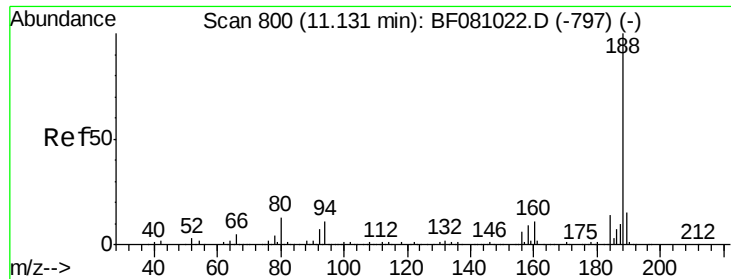


#56
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF081260.D
Acq: 28 Aug 2015 3:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

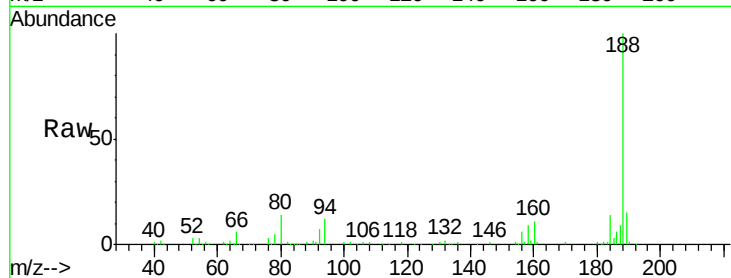




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081260.D
 Acq: 28 Aug 2015 3:42

Instrument :
 BNA_F
 ClientSampleId :
 SB3(24-25)

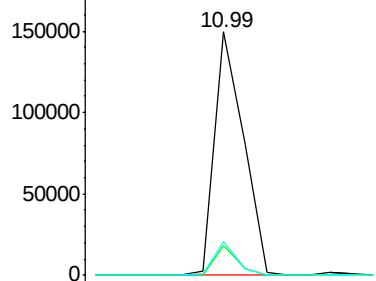
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	161557		
94	12.1		8.2	12.2
80	13.7		9.5	14.3



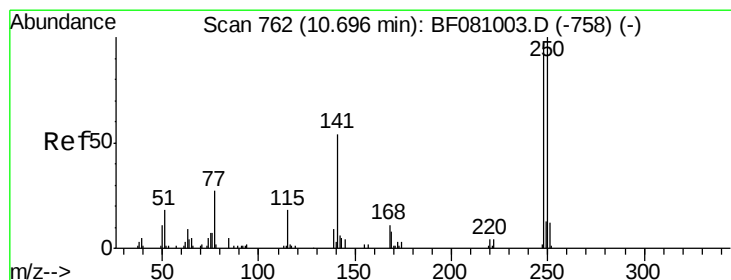
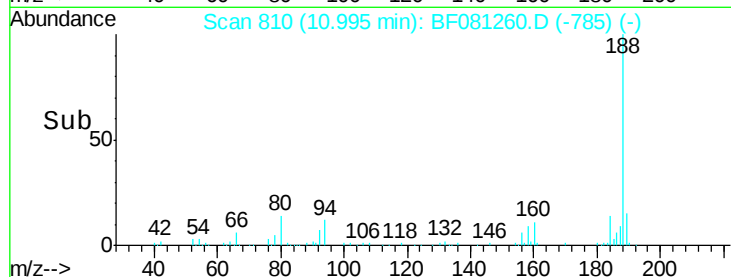
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

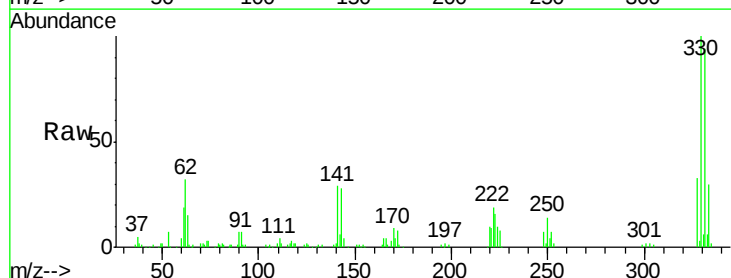


Time-->



#66
 4-Bromophenyl-phenylether
 Concen: 5.44 ng
 RT: 10.32 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF081260.D
 Acq: 28 Aug 2015 3:42

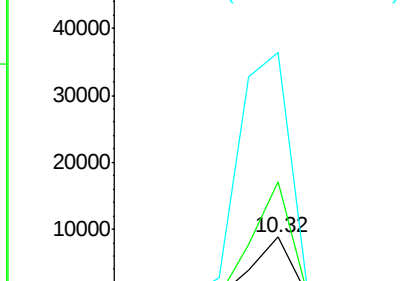
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	8632		
250	194.9		77.8	116.6#
141	414.4		39.8	59.6#



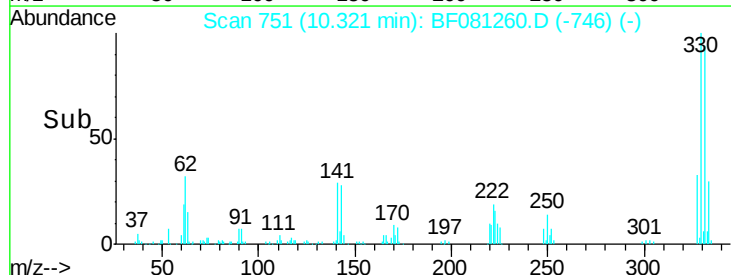
Abundance Ion 248.00 (247.70 to 248.70): E

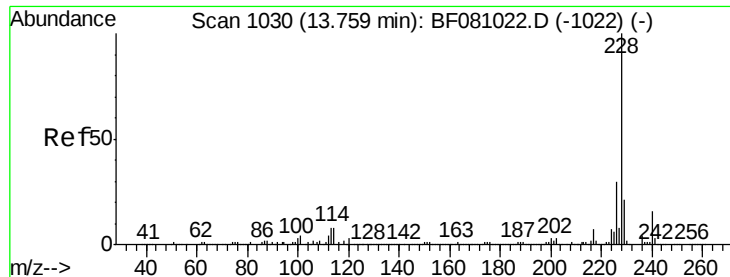
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

Instrument :

BNA_F

ClientSampleId :

SB3(24-25)

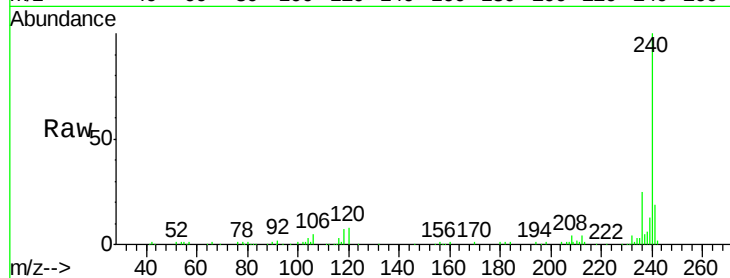
Tgt Ion:240 Resp: 144889

Ion Ratio Lower Upper

240 100

120 8.2 5.6 8.4

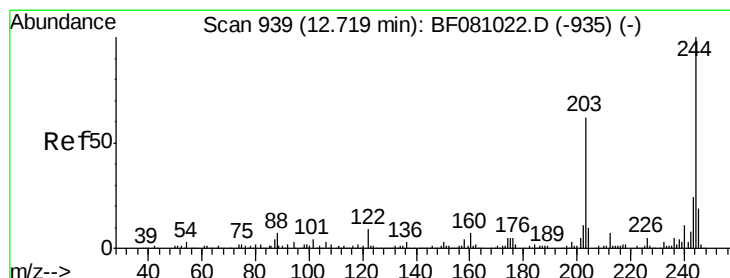
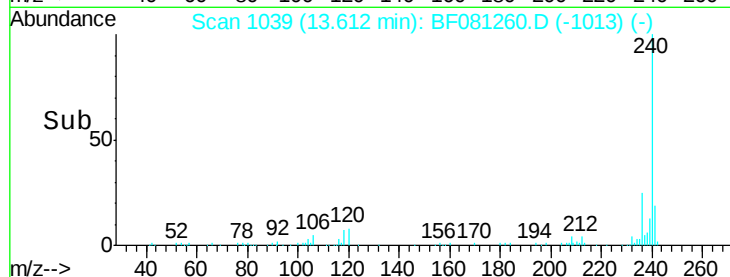
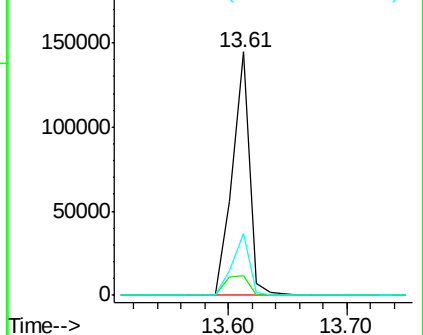
236 25.3 20.6 30.8



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: 67.27 ng

RT: 12.58 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF081260.D

Acq: 28 Aug 2015 3:42

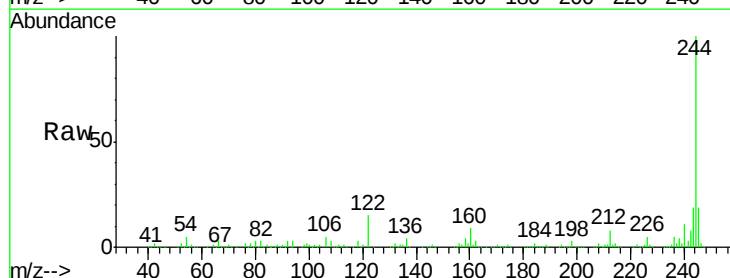
Tgt Ion:244 Resp: 454653

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

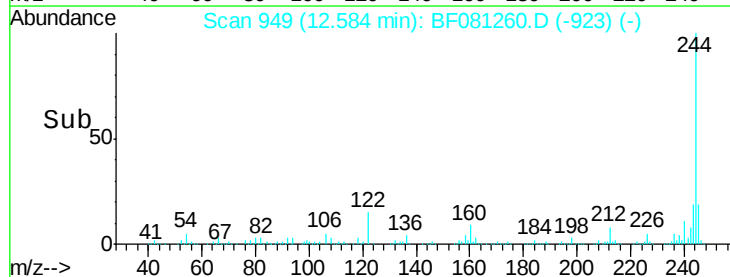
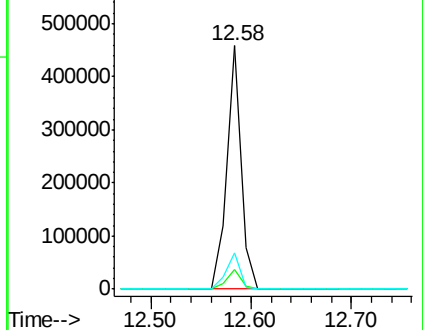
122 14.9 8.2 12.4#

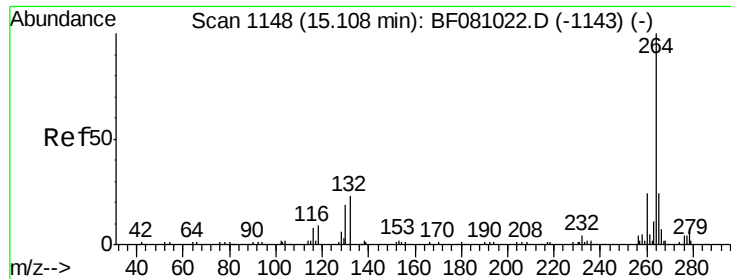


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.94 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF081260.D
Acq: 28 Aug 2015 3:42

Instrument :
BNA_F
ClientSampleId :
SB3(24-25)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.3	17.5	26.3

