

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090915\
 Data File : BF081563.D
 Acq On : 9 Sep 2015 20:44
 Operator : UM/IZ
 Sample : G3558-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Quant Time: Sep 10 04:46:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

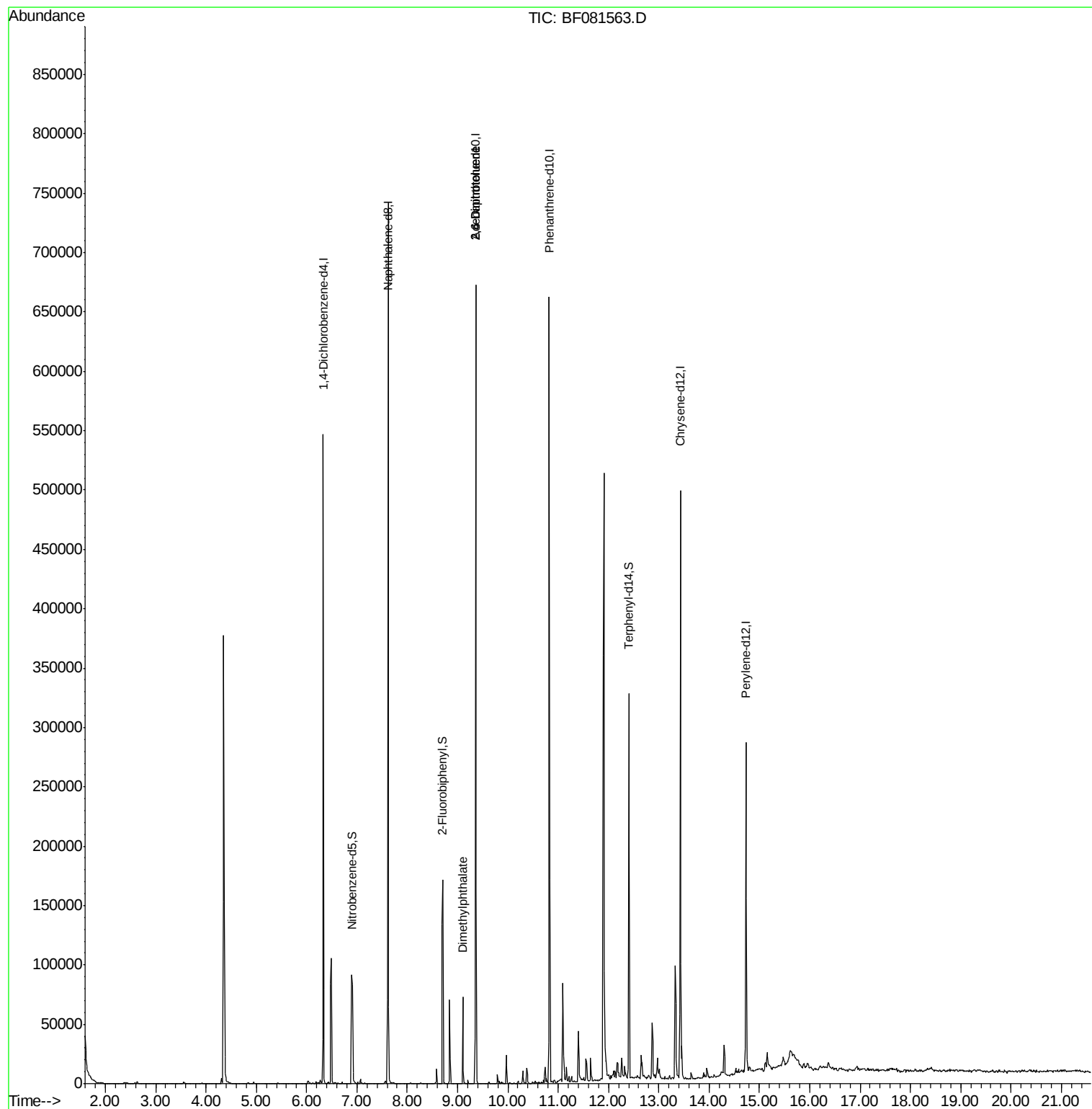
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	68409	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	278373	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	123447	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	237462	20.00	ng	-0.01
75) Chrysene-d12	13.43	240	166924	20.00	ng	-0.01
86) Perylene-d12	14.73	264	119216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.03	99	1756	0.30	ng	0.02
23) Nitrobenzene-d5	6.90	82	43396	7.52	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.71	172	70093	7.28	ng	0.00
78) Terphenyl-d14	12.40	244	118625	16.54	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.11	163	25035	2.61	ng	# 95
50) 2,6-Dinitrotoluene	9.36	165	15588	7.16	ng	# 40
56) 2,4-Dinitrotoluene	9.36	165	15588	5.62	ng	# 34

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

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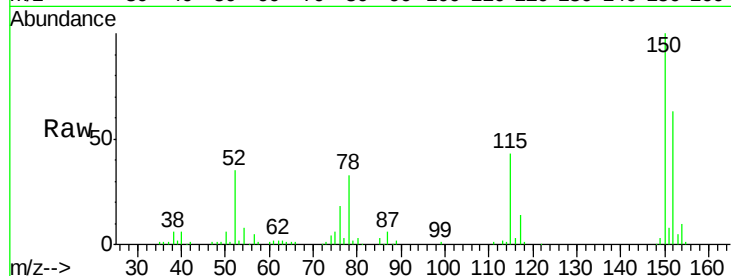


#1

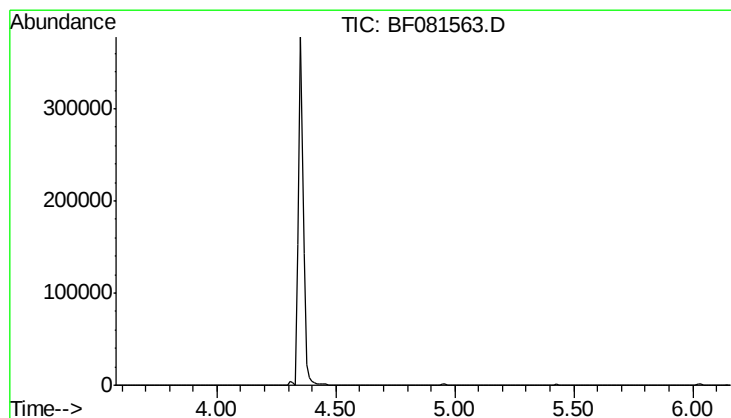
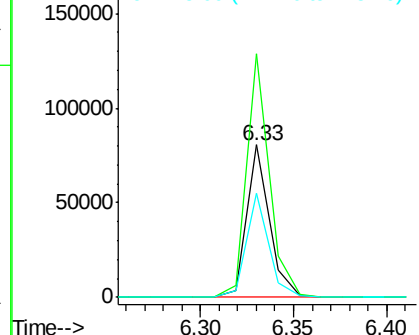
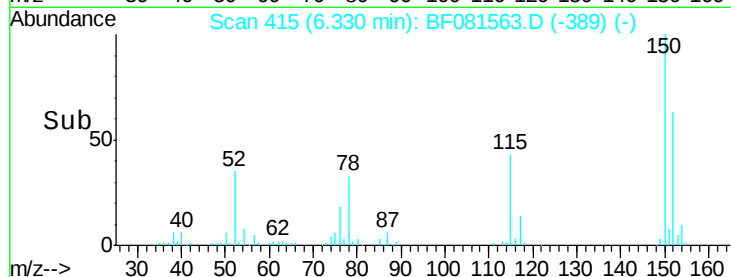
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF081563.D
Acq: 9 Sep 2015 20:44

Instrument :
BNA_F
ClientSampleId :
SB-3WS

Tot Ion:152 Resp: 68409
Ion Ratio Lower Upper
152 100
150 159.9 124.7 187.1
115 68.0 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

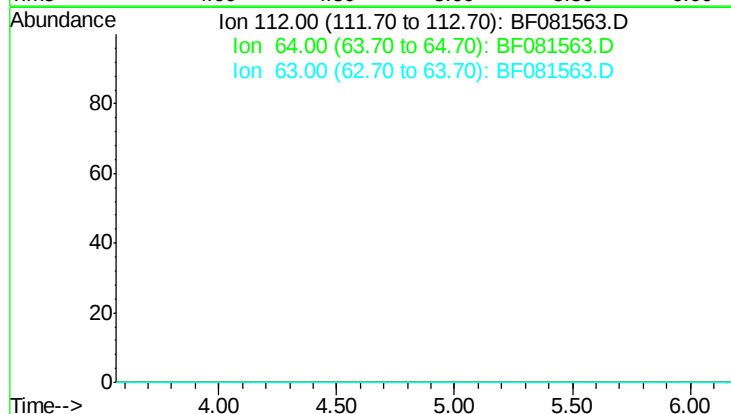


#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 4.87 min

Lab File: BF081563.D
Acq: 9 Sep 2015 20:44

Tgt Ion: 112
Sig Exp Ratio
112 100
64 49.6
63 21.7





#7

Phenol-d6

Concen: 0.30 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-3WS

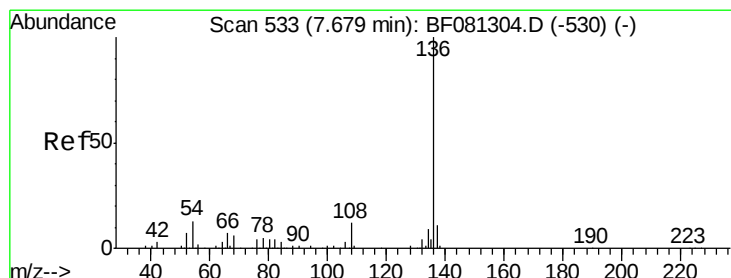
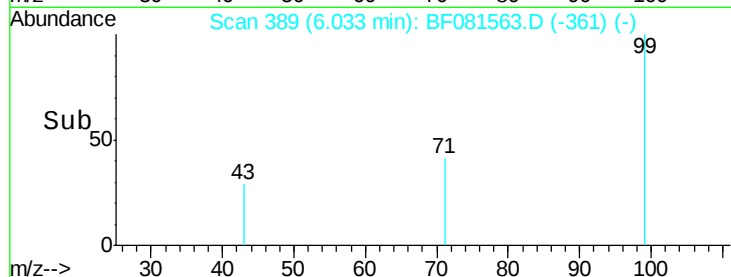
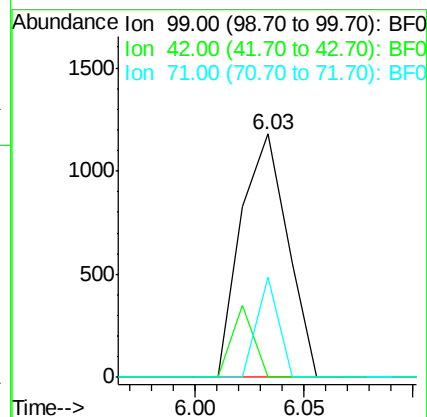
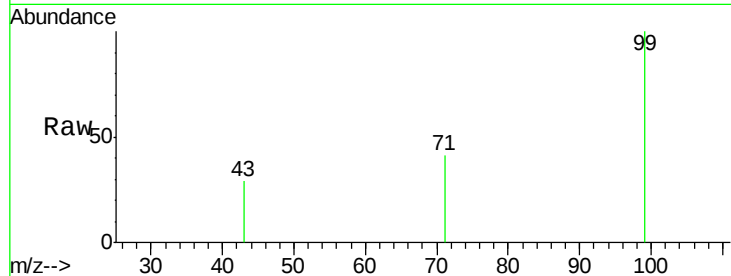
Tot Ion: 99 Resp: 1756

Ion Ratio Lower Upper

99 100

42 0.0 13.7 20.5#

71 41.0 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

Tgt Ion: 136 Resp: 278373

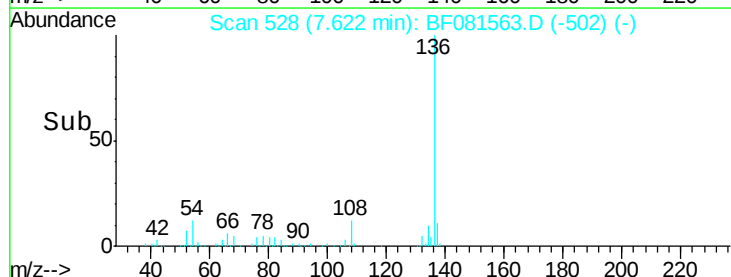
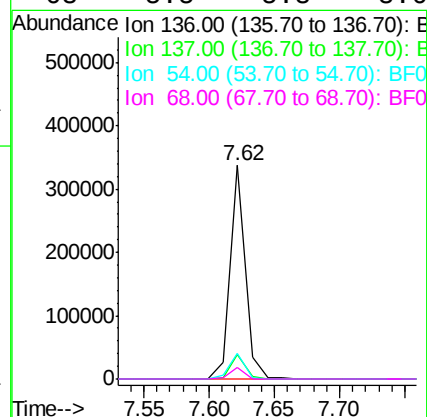
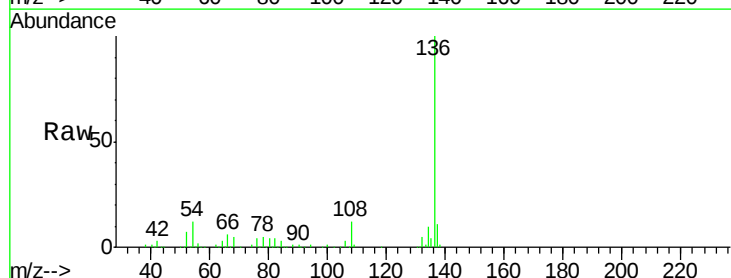
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 12.0 8.2 12.2

68 5.5 5.8 8.6#

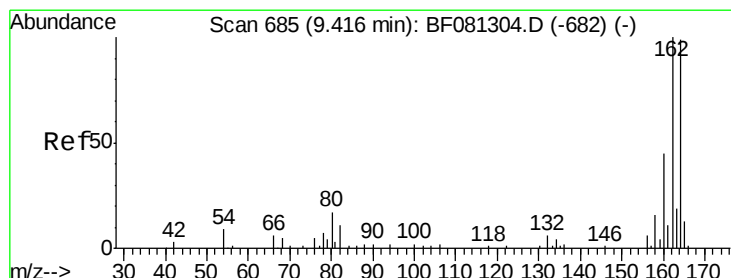
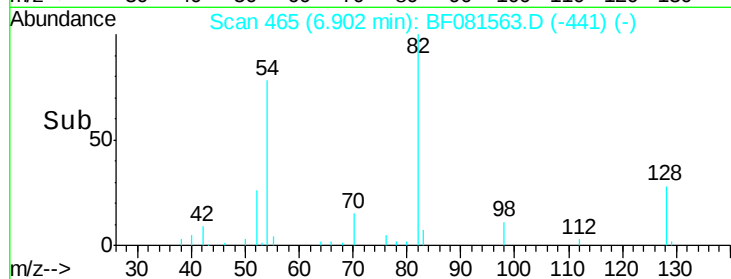
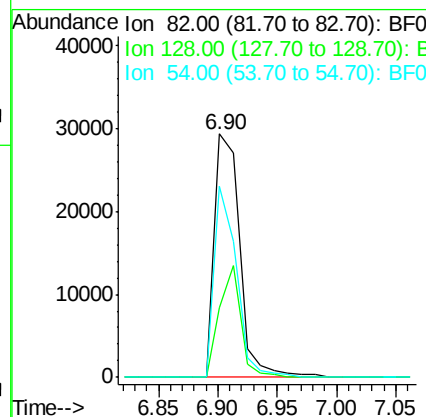
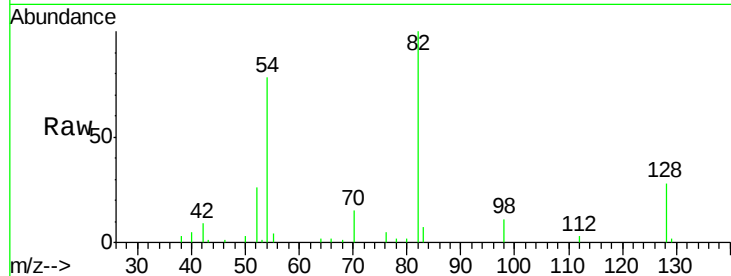




#23
 Nitrobenzene-d5
 Concen: 7.52 ng
 RT: 6.90 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF081563.D
 Acq: 9 Sep 2015 20:44

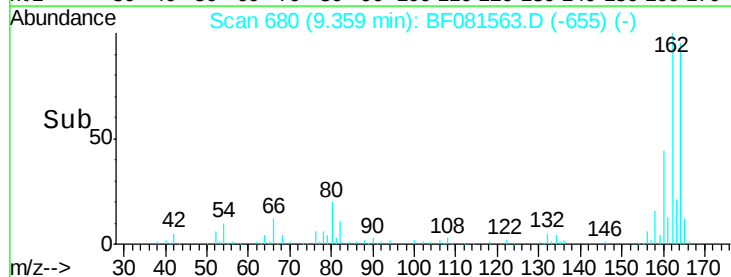
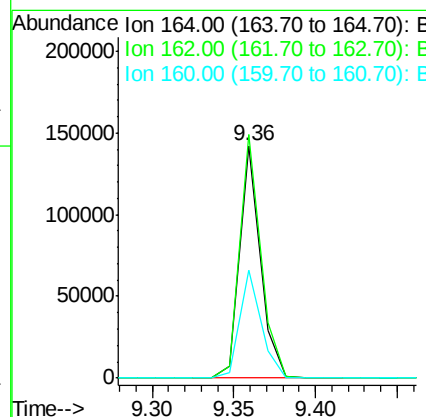
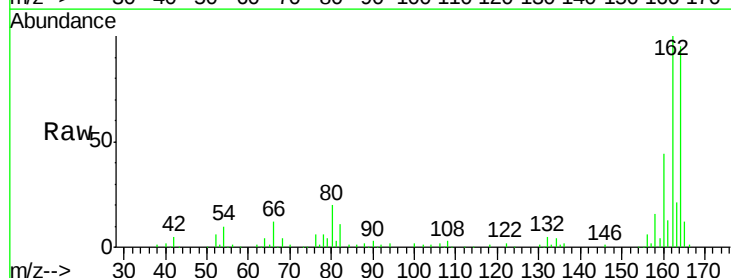
Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

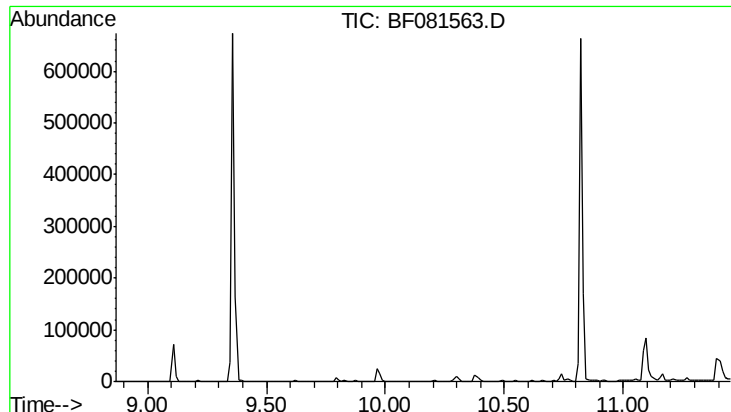
Tot Ion: 82 Resp: 43396
 Ion Ratio Lower Upper
 82 100
 128 28.5 51.0 76.6#
 54 78.5 47.5 71.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF081563.D
 Acq: 9 Sep 2015 20:44

Tgt Ion: 164 Resp: 123447
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 46.3 31.5 47.3

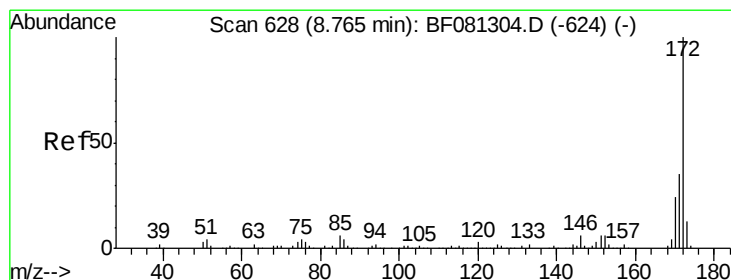
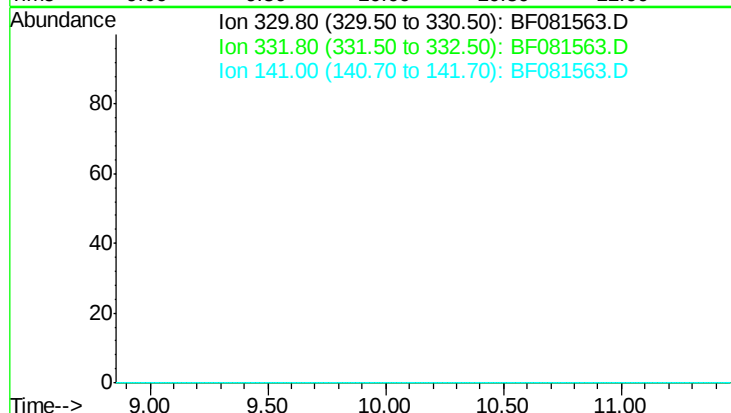




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.16 min
 Lab File: BF081563.D
 Acq: 9 Sep 2015 20:44

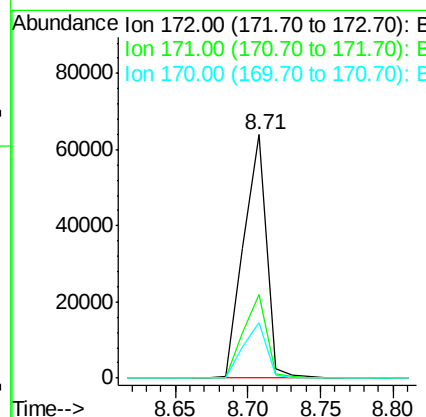
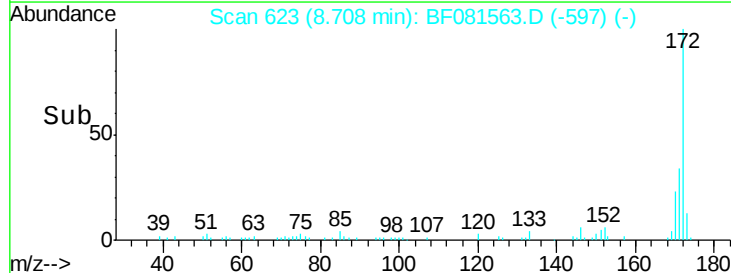
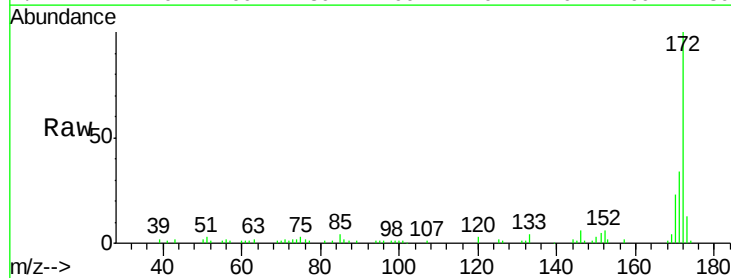
Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

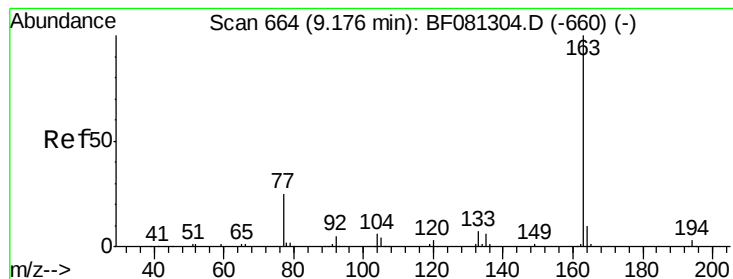
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.7
 141 37.1



#44
 2-Fluorobiphenyl
 Concen: 7.28 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081563.D
 Acq: 9 Sep 2015 20:44

Tgt Ion: 172 Resp: 70093
 Ion Ratio Lower Upper
 172 100
 171 34.2 26.1 39.1
 170 22.9 17.4 26.2





#49

Dimethylphthalate

Concen: 2.61 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.02 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-3WS

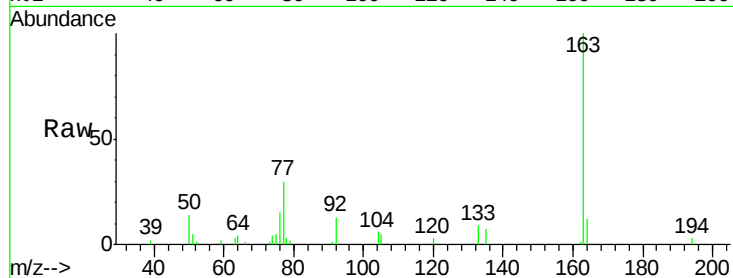
Tot Ion:163 Resp: 25035

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

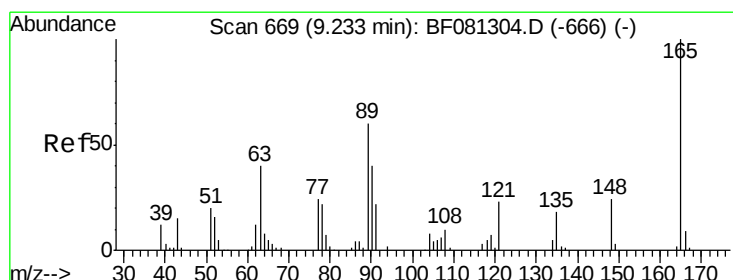
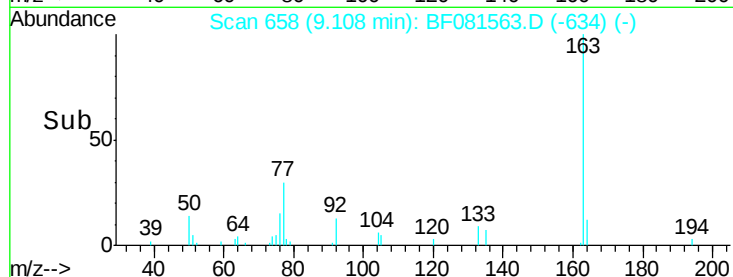
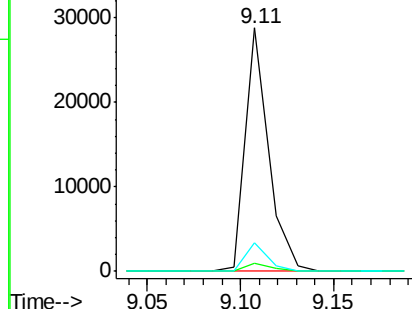
164 11.9 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 7.16 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.17 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

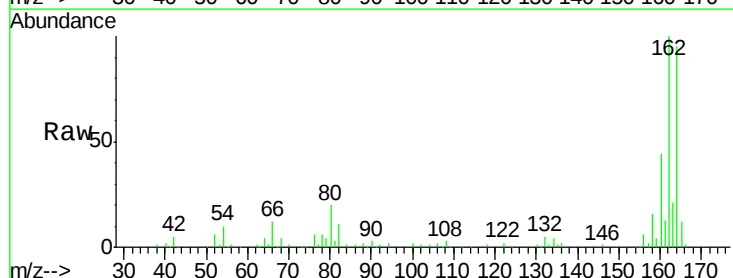
Tgt Ion:165 Resp: 15588

Ion Ratio Lower Upper

165 100

63 2.0 32.3 48.5#

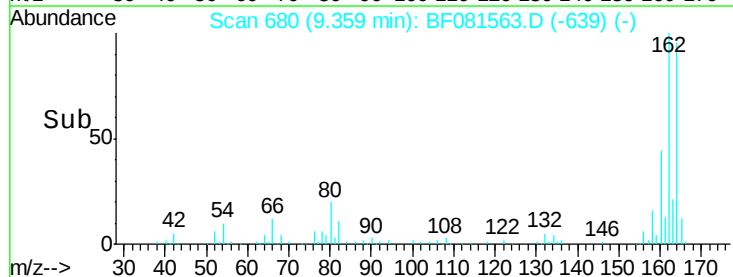
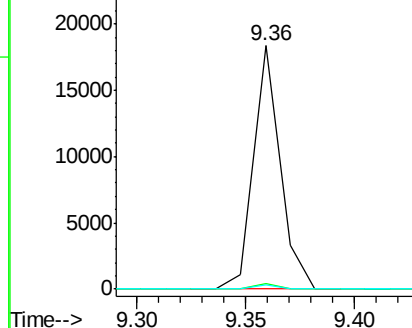
89 2.0 28.6 43.0#

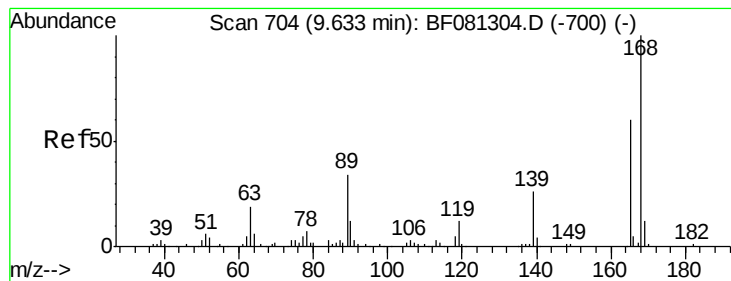


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.62 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.23 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-3WS

Tot Ion:165 Resp: 15588

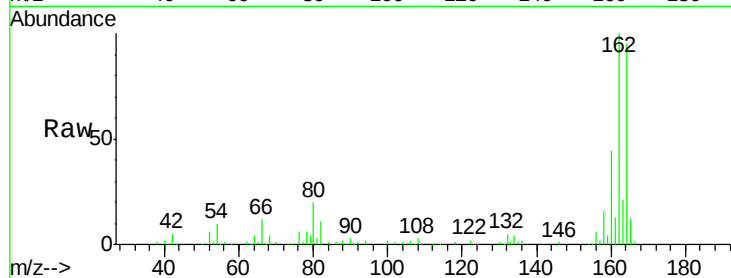
Ion Ratio Lower Upper

165 100

63 2.0 29.8 44.6#

89 2.0 44.5 66.7#

182 0.0 3.0 4.4#

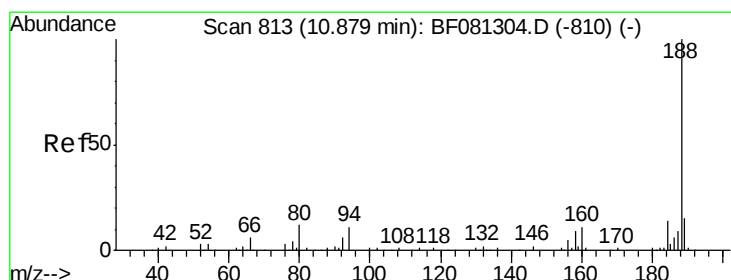
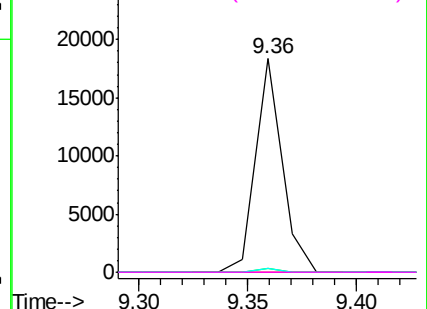
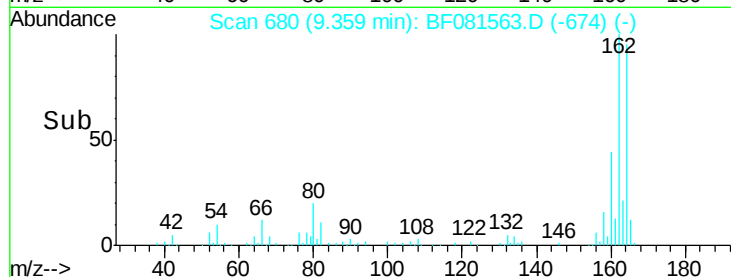


Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.82 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

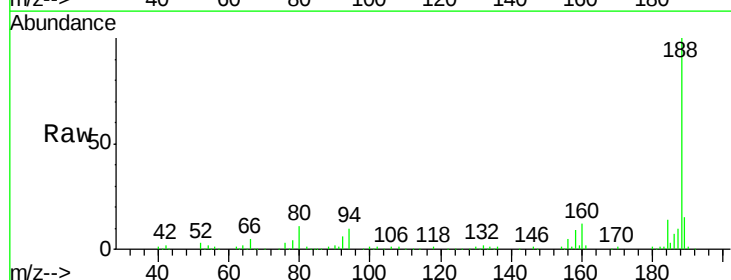
Tgt Ion:188 Resp: 237462

Ion Ratio Lower Upper

188 100

94 9.8 11.1 16.7#

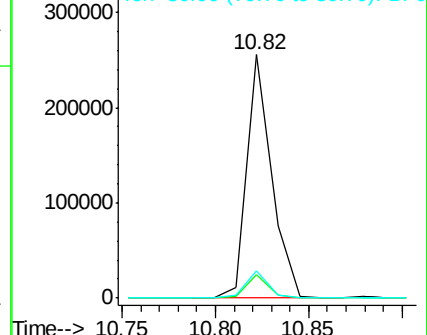
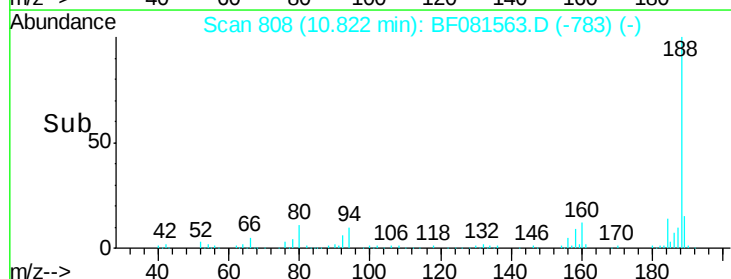
80 11.0 11.0 16.4

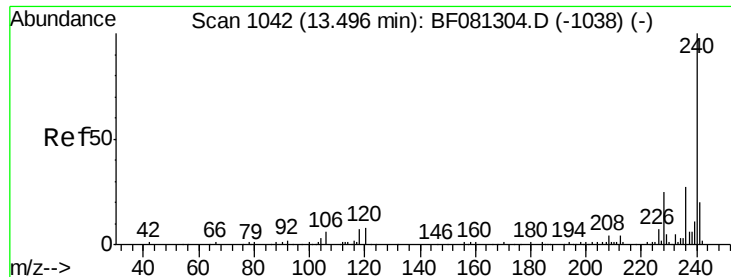


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.43 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

Instrument :

BNA_F

ClientSampleId :

SB-3WS

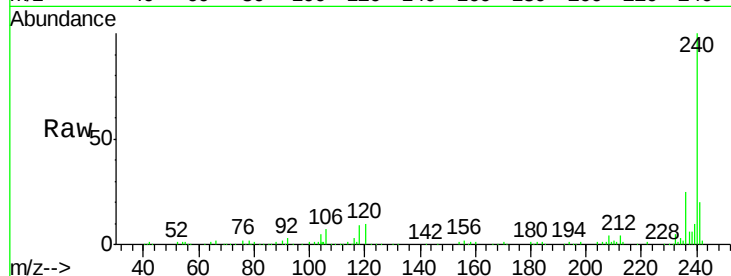
Tot Ion:240 Resp: 166924

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

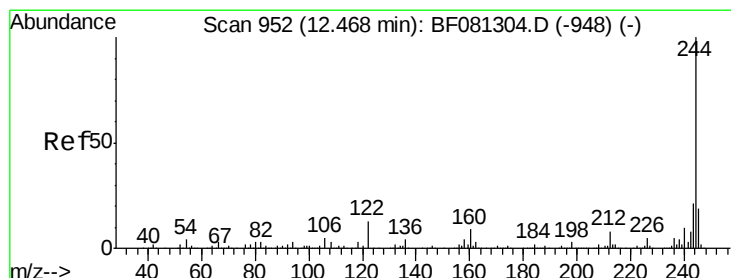
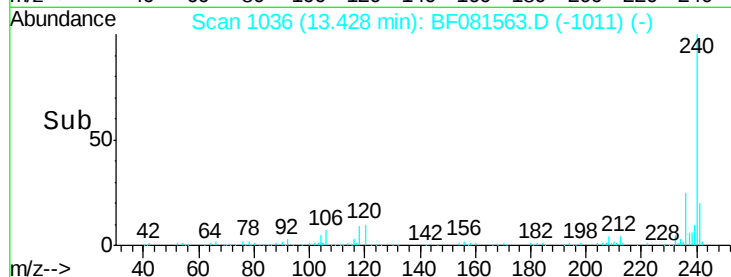
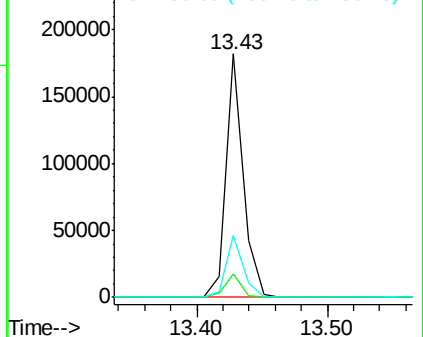
236 25.5 18.4 27.6



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: 16.54 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF081563.D

Acq: 9 Sep 2015 20:44

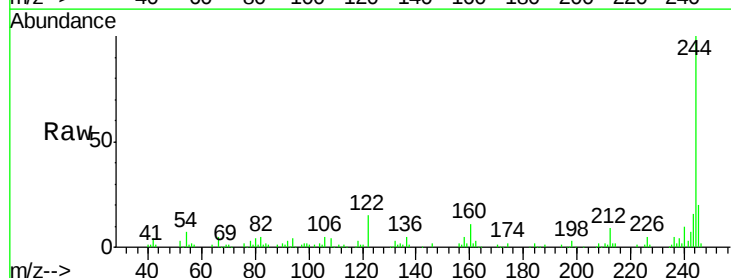
Tgt Ion:244 Resp: 118625

Ion Ratio Lower Upper

244 100

212 9.0 4.3 6.5#

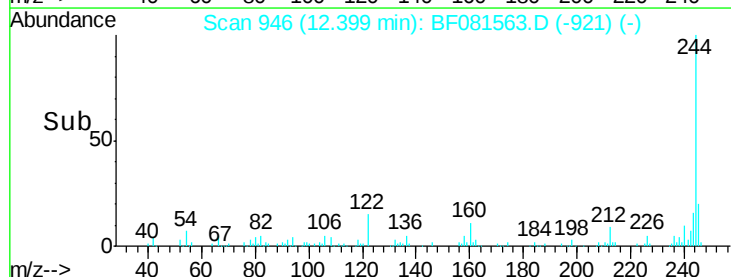
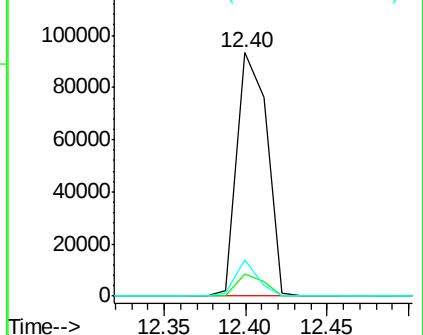
122 14.9 17.4 26.2#

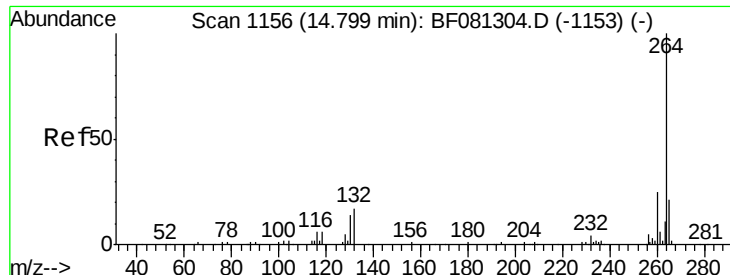


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

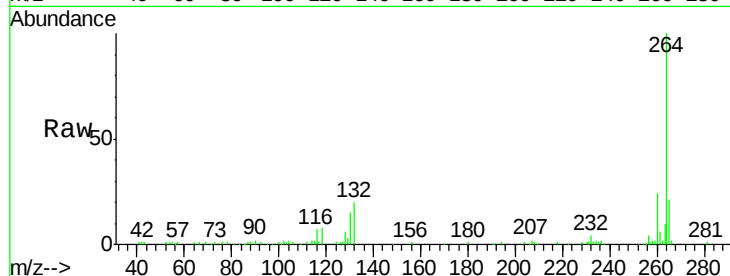




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081563.D
 Acq: 9 Sep 2015 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.2	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

