

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081451.D
 Acq On : 5 Sep 2015 7:39
 Operator : UM/IZ
 Sample : G3558-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

Quant Time: Sep 07 01:58:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:54:57 2015
 Response via : Initial Calibration

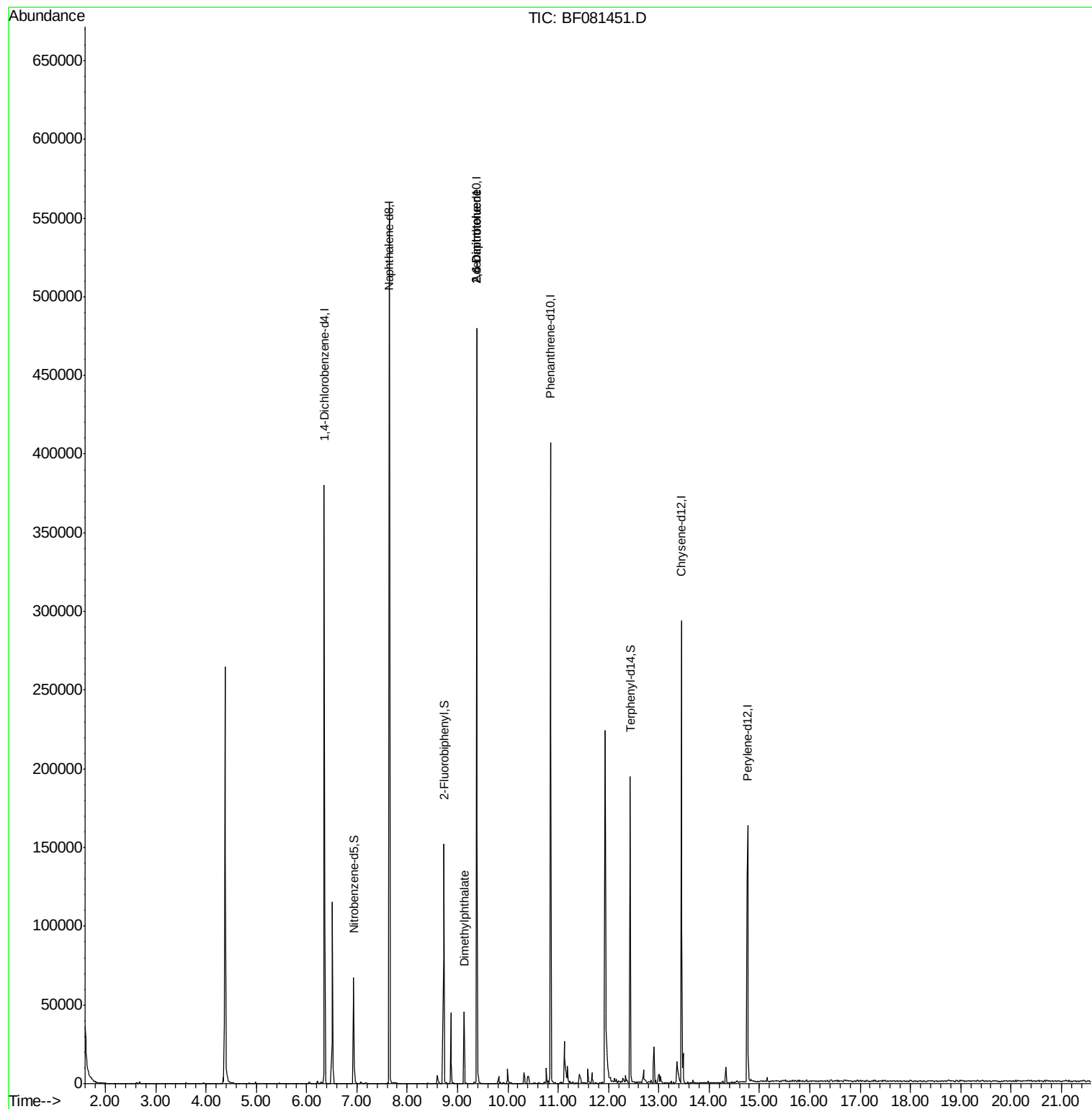
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	54509	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	223291	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	96800	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	184153	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	117754	20.00	ng	-0.01
86) Perylene-d12	14.77	264	89933	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.06	99	794	0.17	ng	0.02
23) Nitrobenzene-d5	6.94	82	32624	7.05	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.73	172	57568	7.62	ng	0.00
78) Terphenyl-d14	12.43	244	83639	16.53	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.13	163	18168	2.42	ng	# 96
50) 2,6-Dinitrotoluene	9.38	165	12016	7.04	ng	# 37
56) 2,4-Dinitrotoluene	9.38	165	12016	5.53	ng	# 31

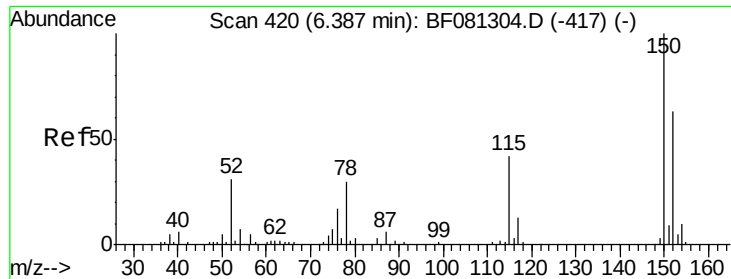
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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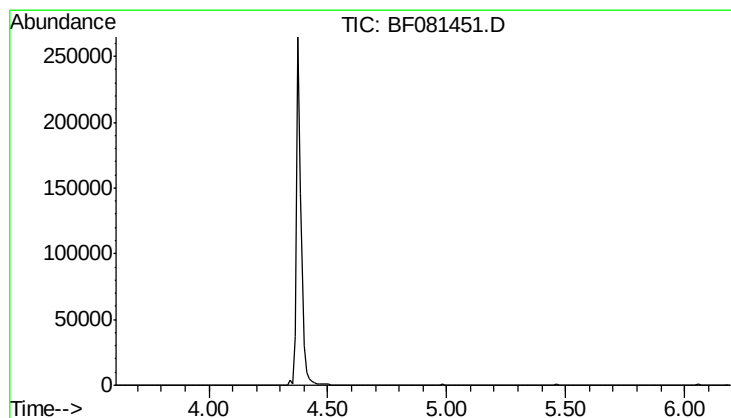
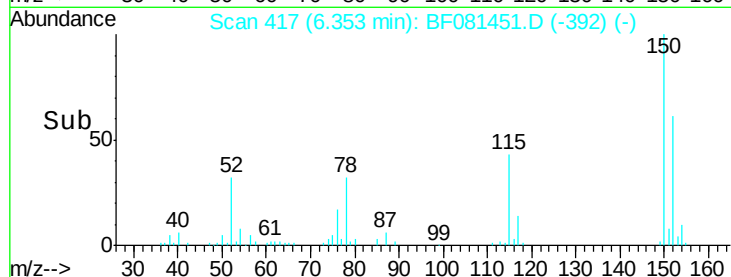
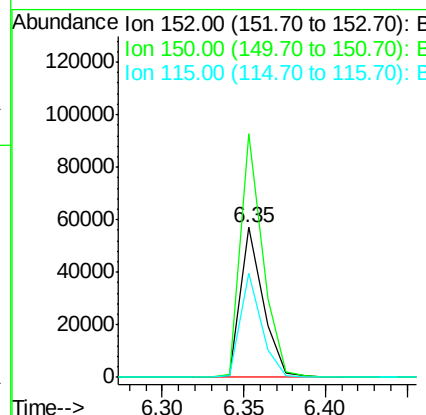
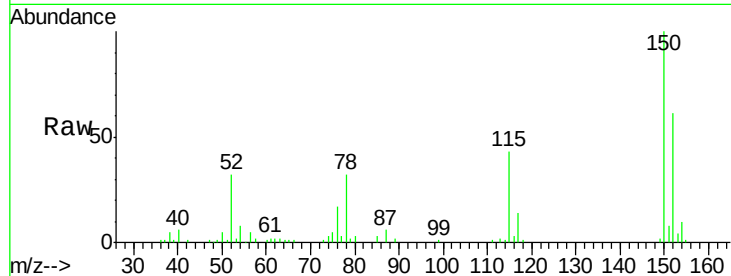




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081451.D
 Acq: 5 Sep 2015 7:39

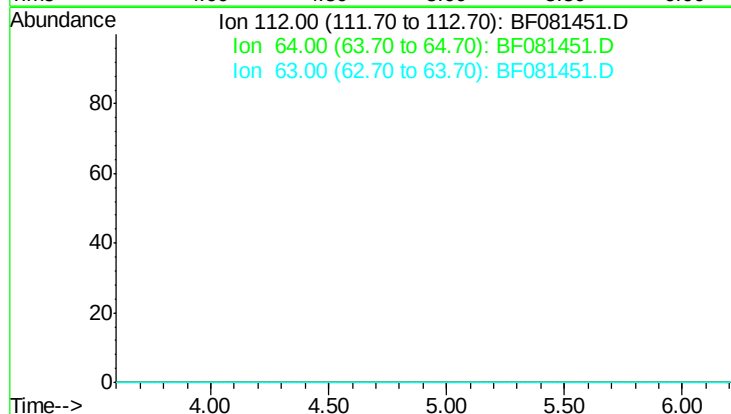
Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

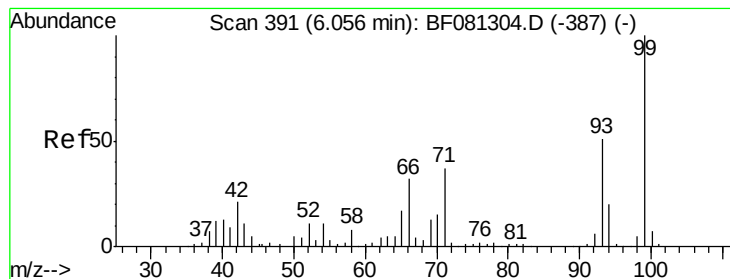
Tot Ion:152 Resp: 54509
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.7 187.1
 115 69.5 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 4.90 min
 Lab File: BF081451.D
 Acq: 5 Sep 2015 7:39

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





#7

Phenol-d6

Concen: 0.17 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.02 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

Instrument :

BNA_F

ClientSampleId :

SB-3WS

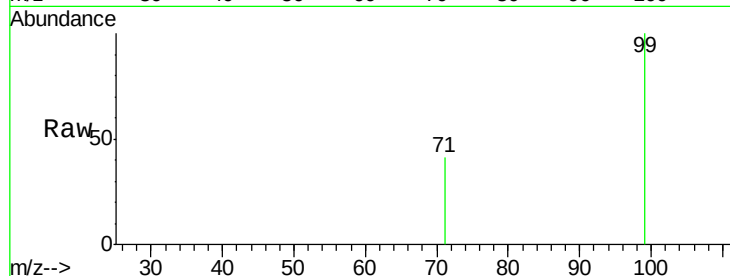
Tot Ion: 99 Resp: 794

Ion Ratio Lower Upper

99 100

42 0.0 13.7 20.5#

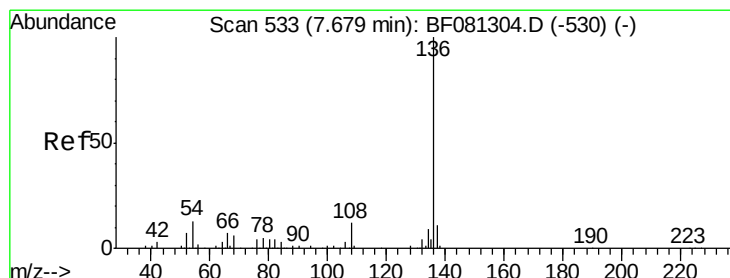
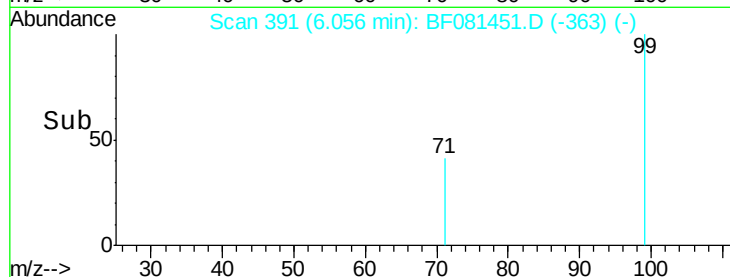
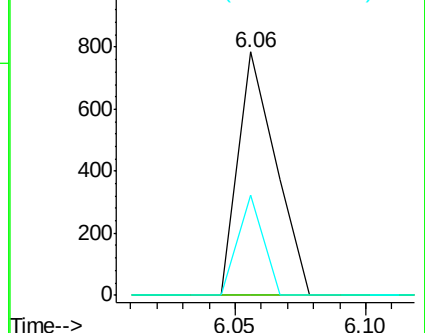
71 41.4 14.2 21.2#



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: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

Tgt Ion: 136 Resp: 223291

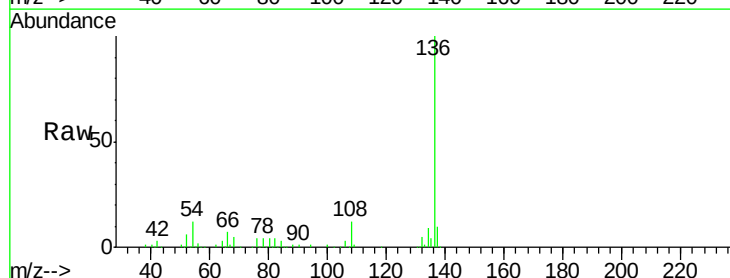
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 11.8 8.2 12.2

68 5.5 5.8 8.6#

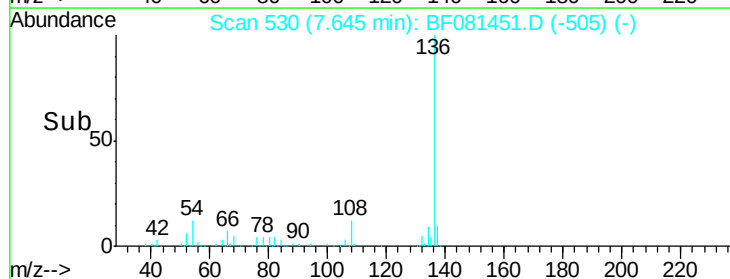
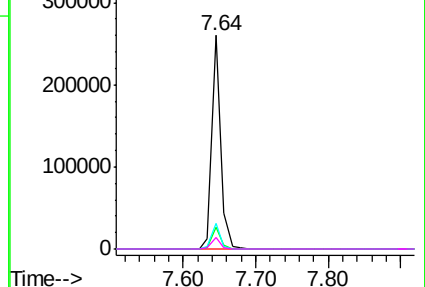


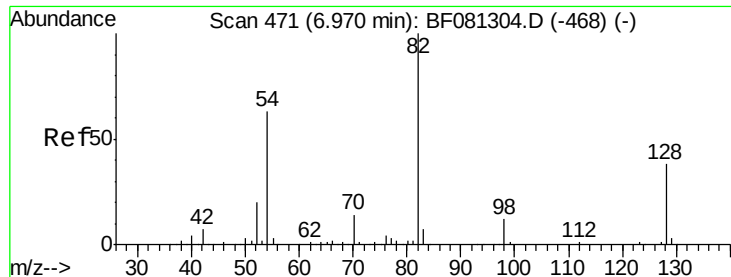
Abundance Ion 136.00 (135.70 to 136.70): E

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

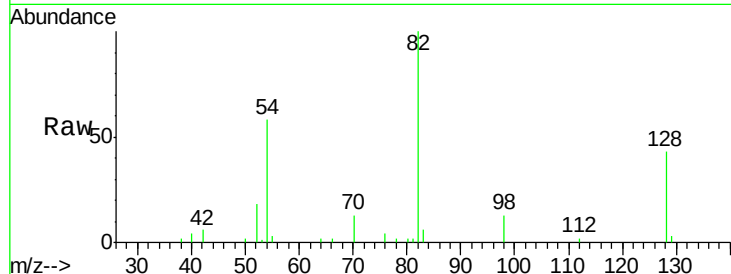




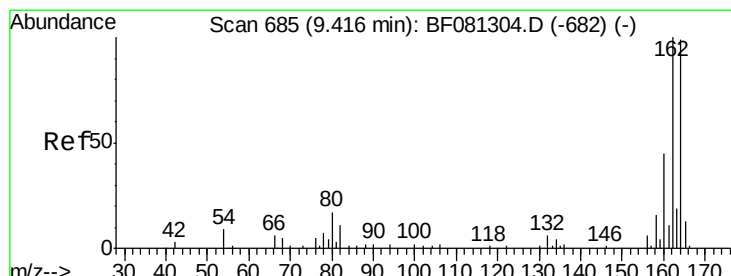
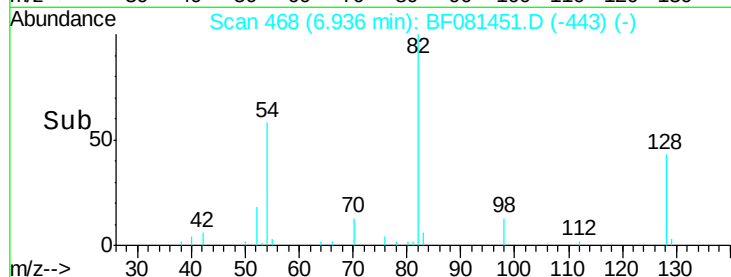
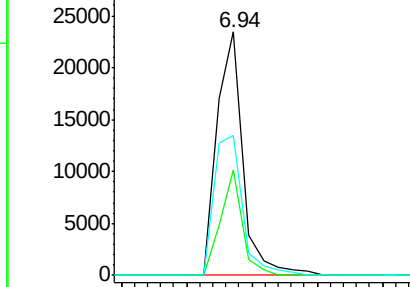
#23
Nitrobenzene-d5
Concen: 7.05 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081451.D
Acq: 5 Sep 2015 7:39

Instrument :
BNA_F
ClientSampled :
SB-3WS

Tot Ion: 82 Resp: 32624
Ion Ratio Lower Upper
82 100
128 43.2 51.0 76.6#
54 57.6 47.5 71.3

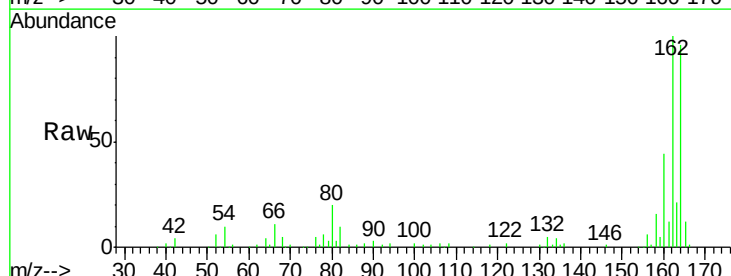


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

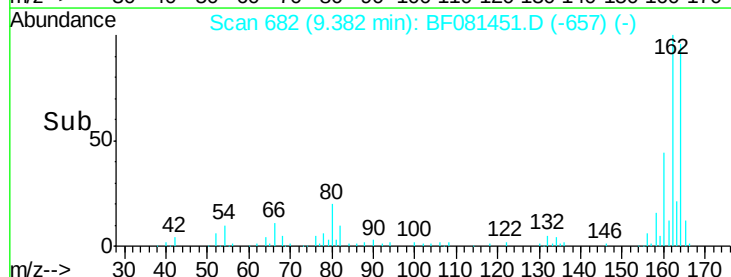
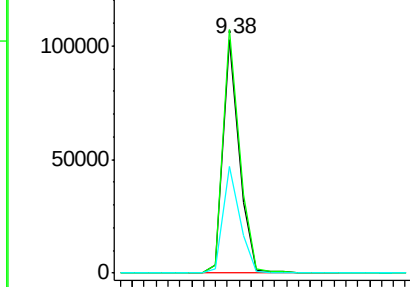


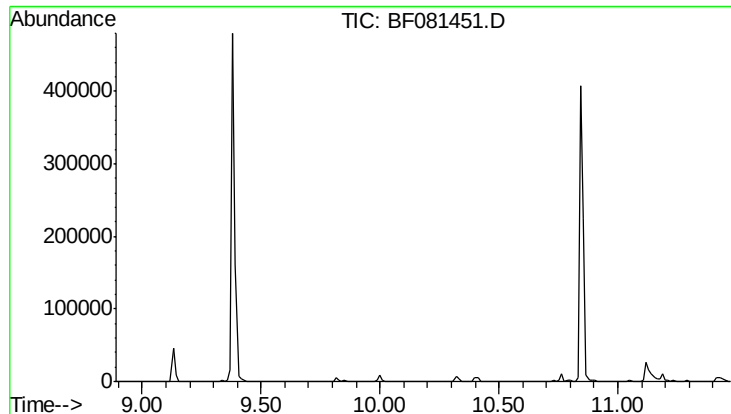
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081451.D
Acq: 5 Sep 2015 7:39

Tgt Ion: 164 Resp: 96800
Ion Ratio Lower Upper
164 100
162 104.1 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: 0.00 ng

Expected RT: 10.18 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

Instrument :

BNA_F

ClientSampleId :

SB-3WS

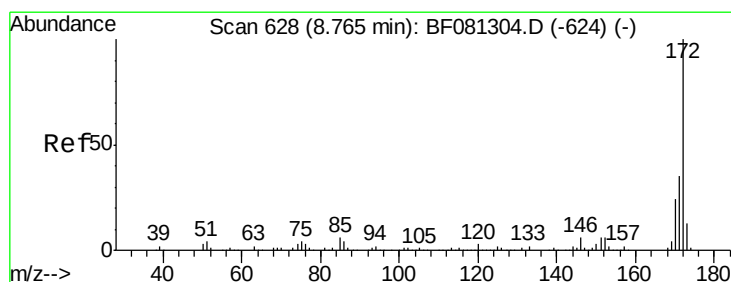
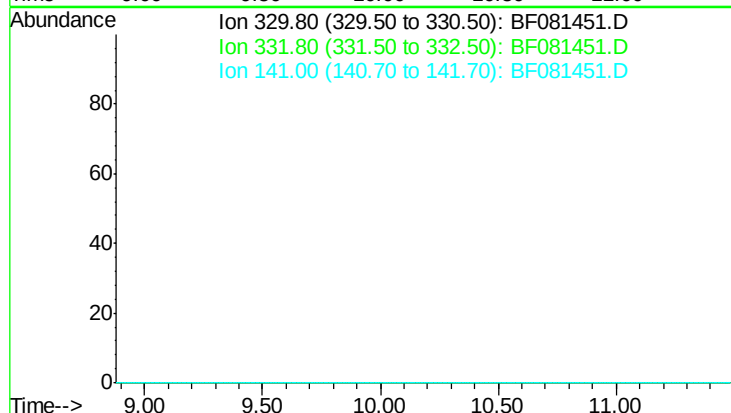
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.7

141 37.1



#44

2-Fluorobiphenyl

Concen: 7.62 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

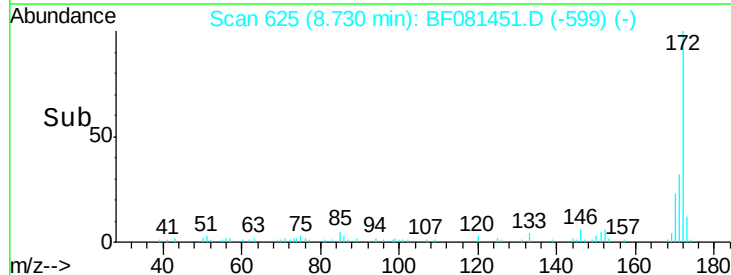
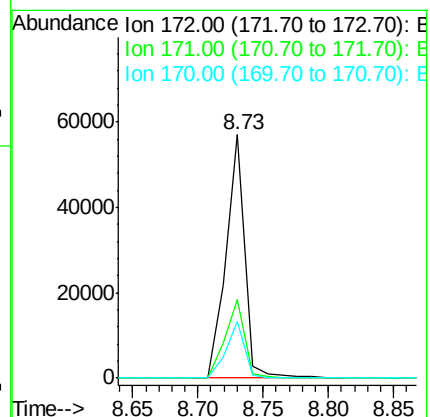
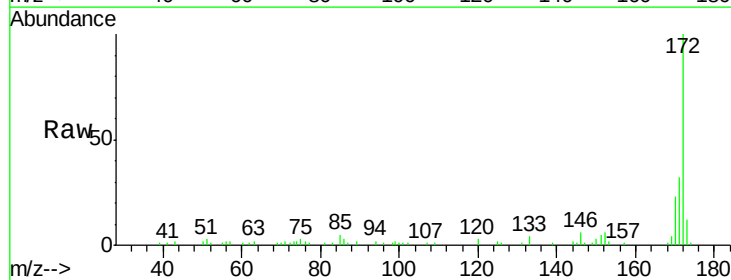
Tgt Ion: 172 Resp: 57568

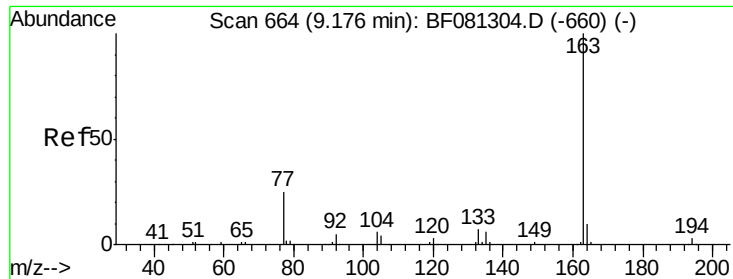
Ion Ratio Lower Upper

172 100

171 32.1 26.1 39.1

170 23.1 17.4 26.2





#49

Dimethylphthalate

Concen: 2.42 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

Instrument :

BNA_F

ClientSampleId :

SB-3WS

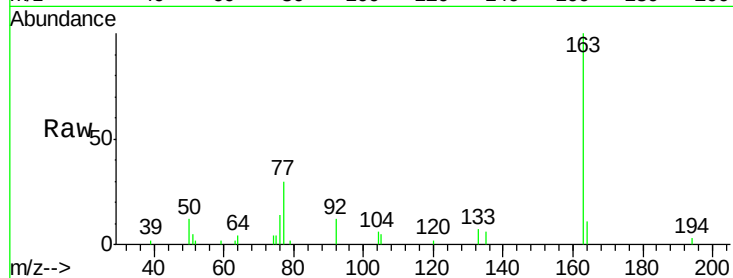
Tot Ion:163 Resp: 18168

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

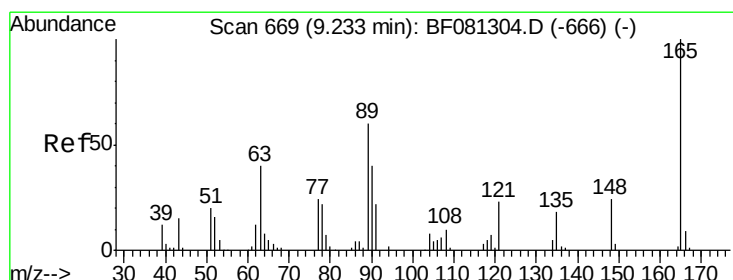
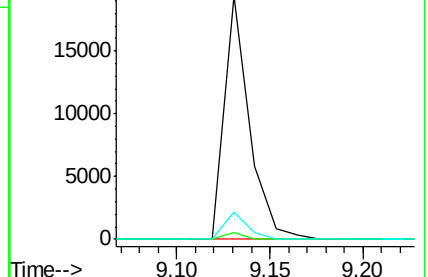
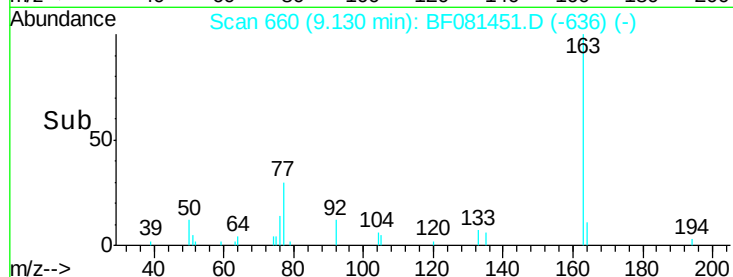
164 11.4 8.3 12.5



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: 7.04 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.17 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

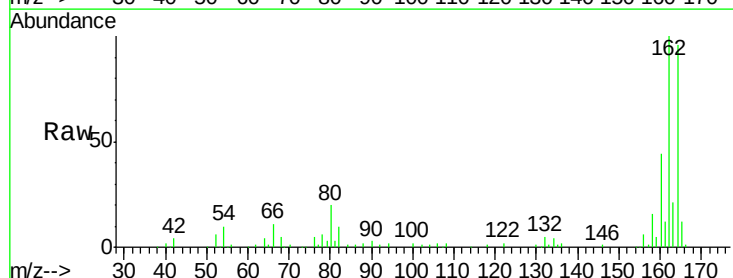
Tgt Ion:165 Resp: 12016

Ion Ratio Lower Upper

165 100

63 0.0 32.3 48.5#

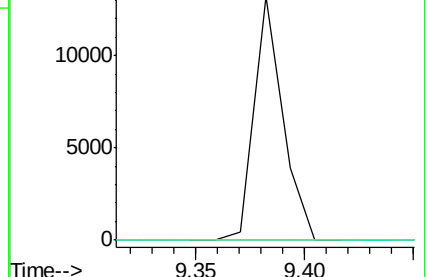
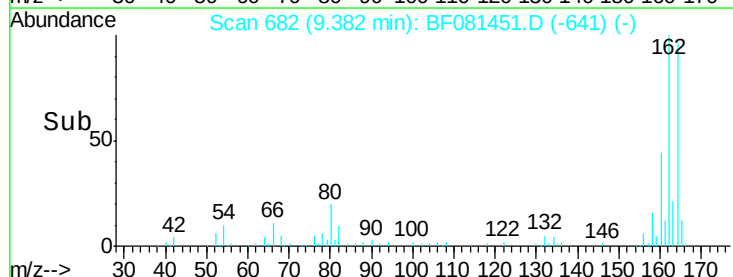
89 0.0 28.6 43.0#

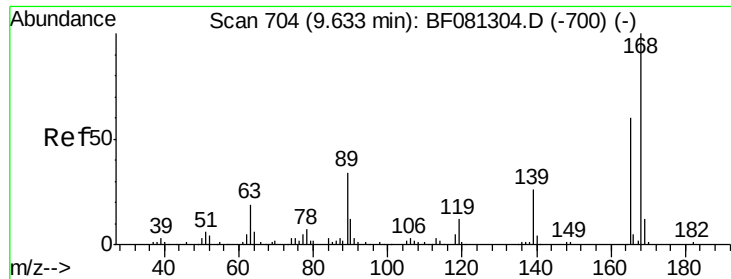


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

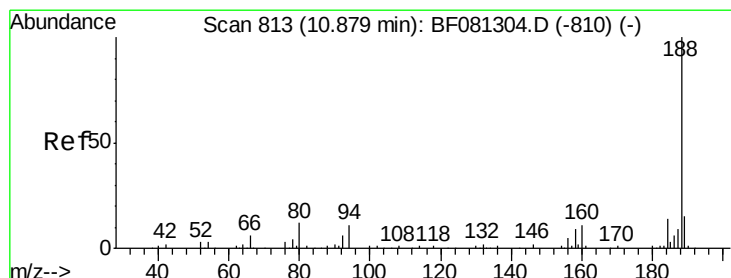
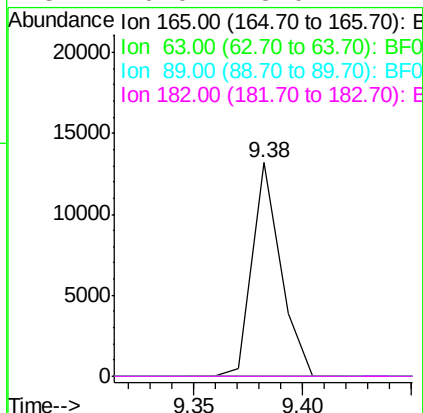
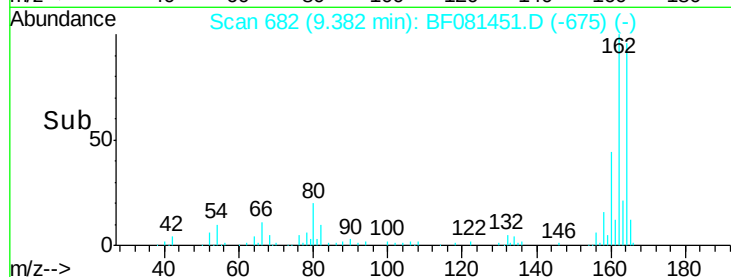
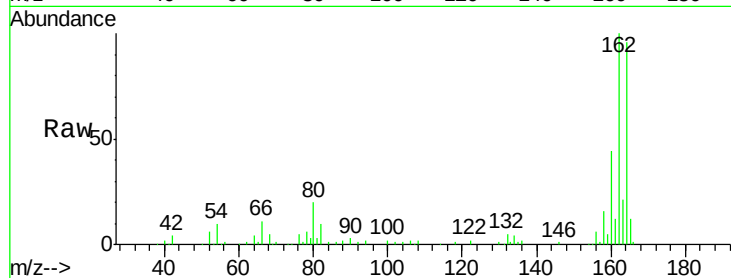




#56
 2,4-Dinitrotoluene
 Concen: 5.53 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081451.D
 Acq: 5 Sep 2015 7:39

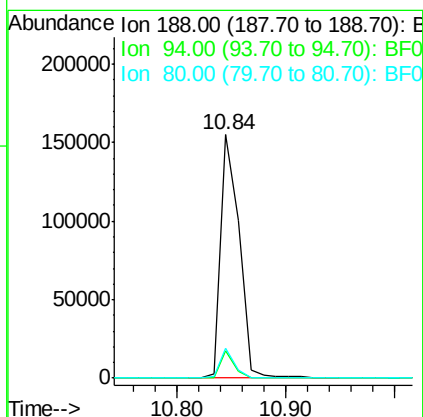
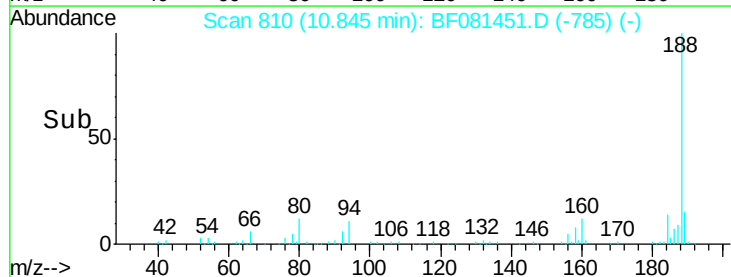
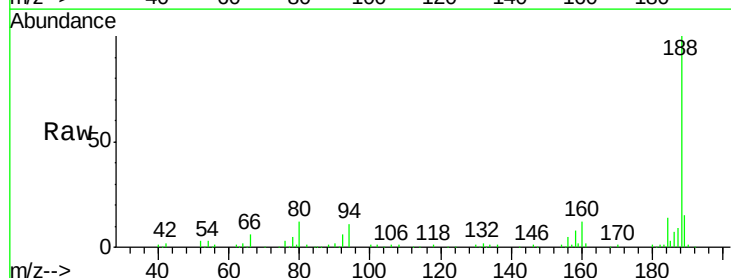
Instrument :
 BNA_F
 ClientSampleId :
 SB-3WS

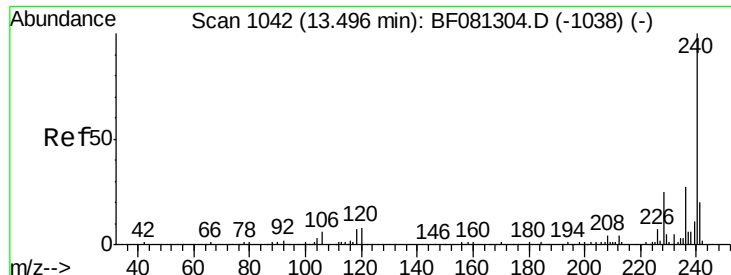
Tot Ion:	165	Resp:	12016
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081451.D
 Acq: 5 Sep 2015 7:39

Tgt Ion:	188	Resp:	184153
Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	12.4	11.0	16.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

Instrument :

BNA_F

ClientSampleId :

SB-3WS

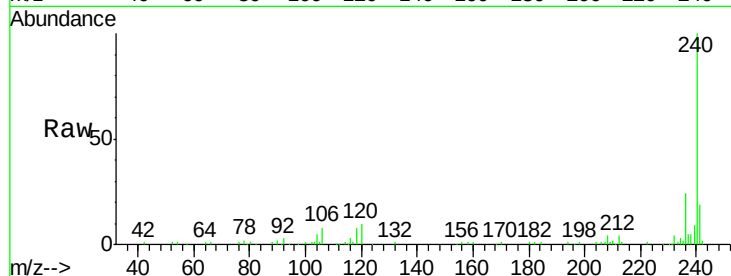
Tot Ion:240 Resp: 117754

Ion Ratio Lower Upper

240 100

120 10.3 16.2 24.2#

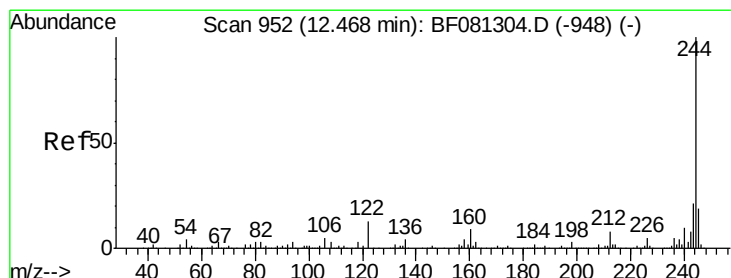
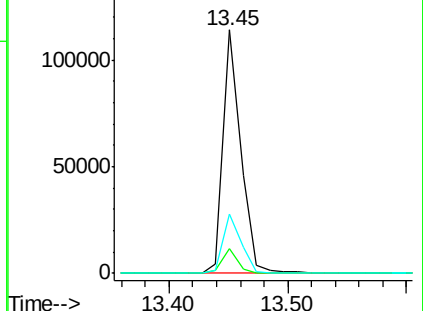
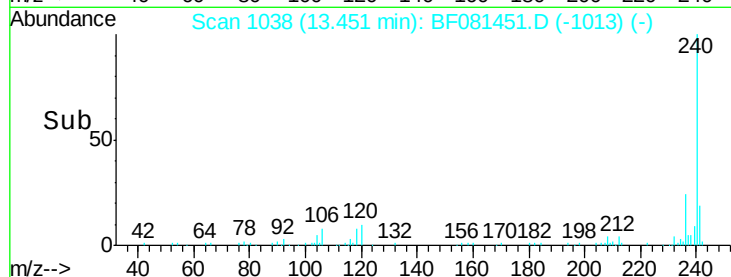
236 24.5 18.4 27.6



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: 16.53 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

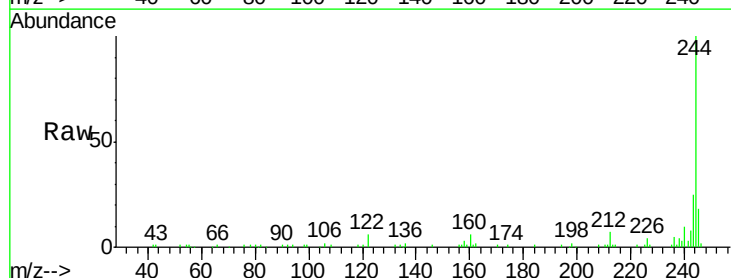
Tgt Ion:244 Resp: 83639

Ion Ratio Lower Upper

244 100

212 6.6 4.3 6.5#

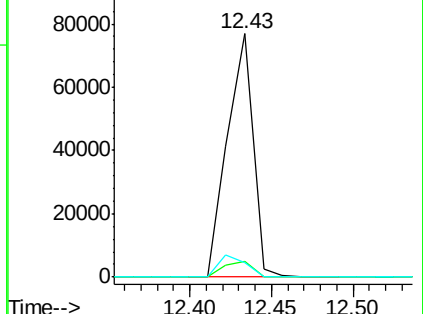
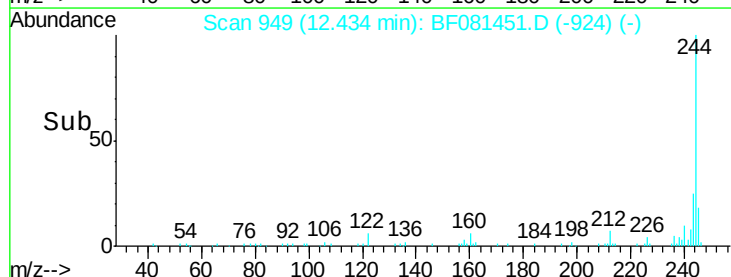
122 5.7 17.4 26.2#

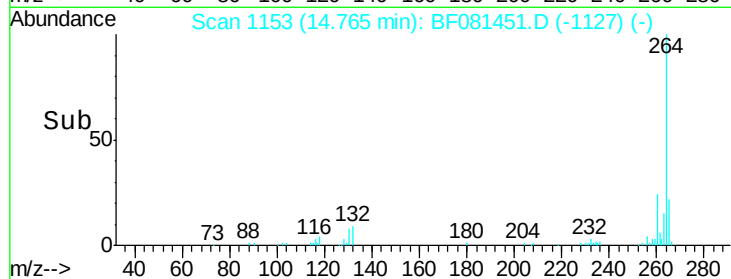
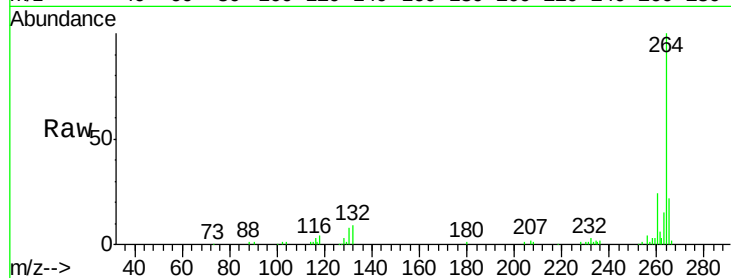
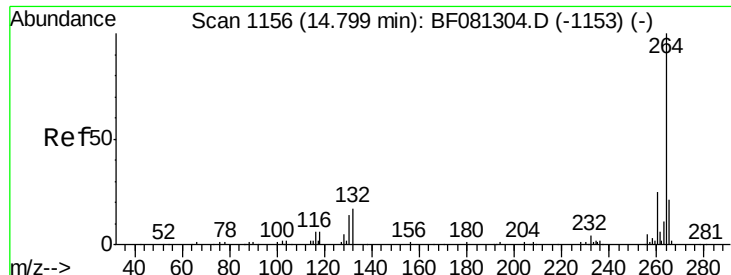


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.77 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF081451.D

Acq: 5 Sep 2015 7:39

Instrument :

BNA_F

ClientSampleId :

SB-3WS

Tot Ion:264 Resp: 89933

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

265 21.7 17.2 25.8

