

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082984.D
 Acq On : 17 Nov 2015 23:59
 Operator : UM/IZ
 Sample : G4407-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:30:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

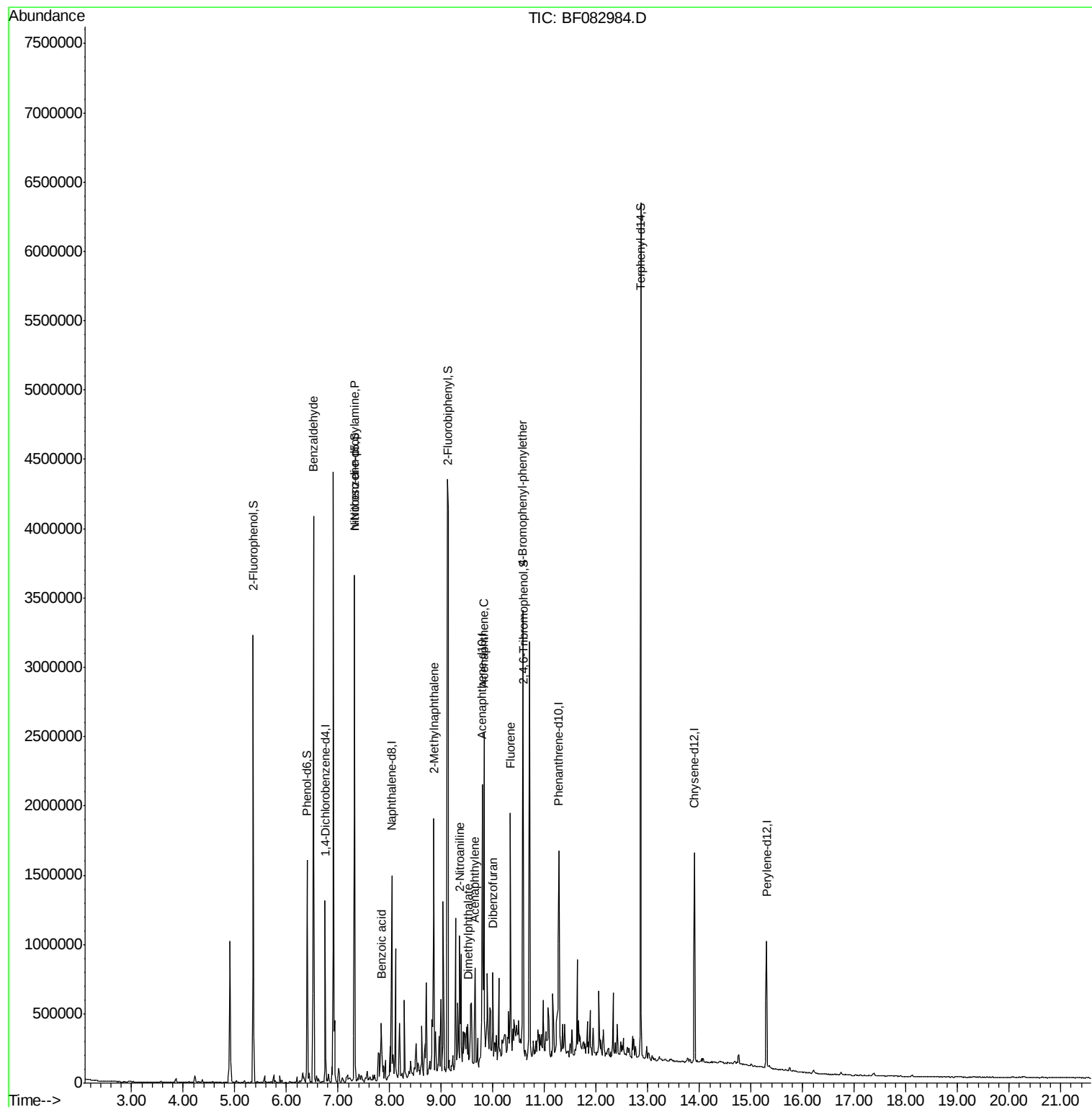
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	172888	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	672815	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	347652	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	653425	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	593906	20.00	ng	-0.11
86) Perylene-d12	15.30	264	422755	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	820428	73.84	ng	-0.09
7) Phenol-d6	6.40	99	740667	50.14	ng	-0.09
23) Nitrobenzene-d5	7.32	82	1409719	91.17	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	536883	134.69	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	2180040	89.87	ng	-0.09
78) Terphenyl-d14	12.87	244	1945186	77.68	ng	-0.10
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	29908	3.66	ng	84
19) n-Nitroso-di-n-propylamine	7.32	70	195000	17.96	ng	# 68
32) Benzoic acid	7.84	122	44511	5.48	ng	# 11
37) 2-Methylnaphthalene	8.85	142	431713	17.98	ng	96
47) 2-Nitroaniline	9.36	65	29221	3.39	ng	# 42
48) Acenaphthylene	9.65	152	86748	2.38	ng	# 85
49) Dimethylphthalate	9.52	163	106385	3.73	ng	100
51) Acenaphthene	9.82	154	490037	21.20	ng	99
54) Dibenzofuran	10.00	168	165153	5.30	ng	# 87
57) Fluorene	10.34	166	538262	21.33	ng	97
66) 4-Bromophenyl-phenylether	10.58	248	34269	4.36	ng	# 1

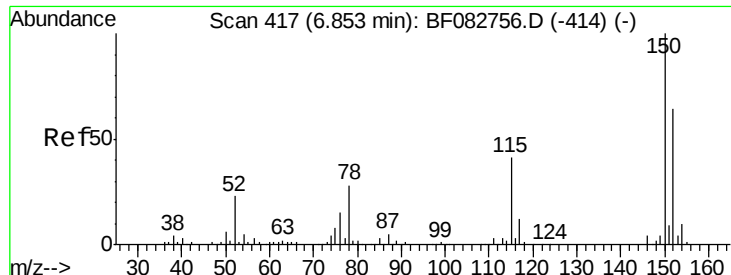
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

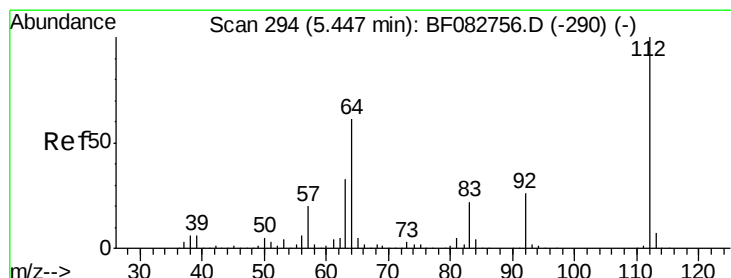
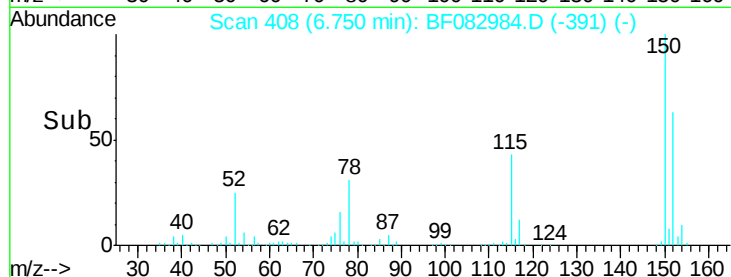
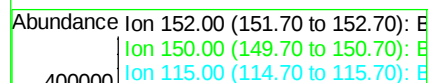
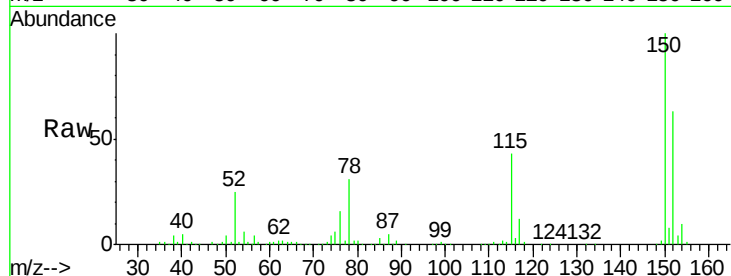
Tot Ion:152 Resp: 172888

Ion Ratio Lower Upper

152 100

150 158.7 127.0 190.4

115 68.7 47.0 70.6



#5

2-Fluorophenol

Concen: 73.84 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.09 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

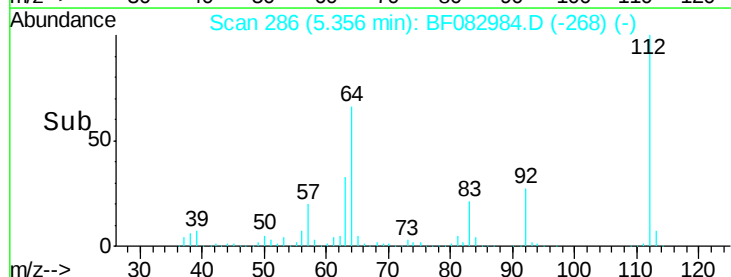
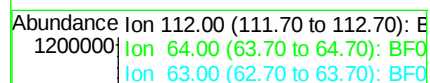
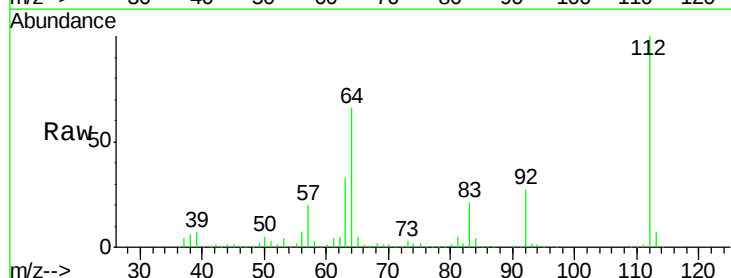
Tgt Ion:112 Resp: 820428

Ion Ratio Lower Upper

112 100

64 65.8 48.9 73.3

63 33.2 28.1 42.1





#7

Phenol-d6

Concen: 50.14 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.09 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

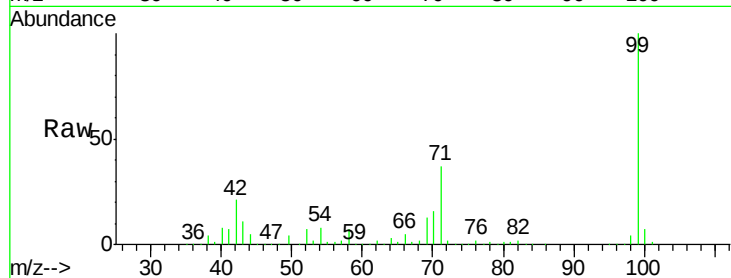
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 740667

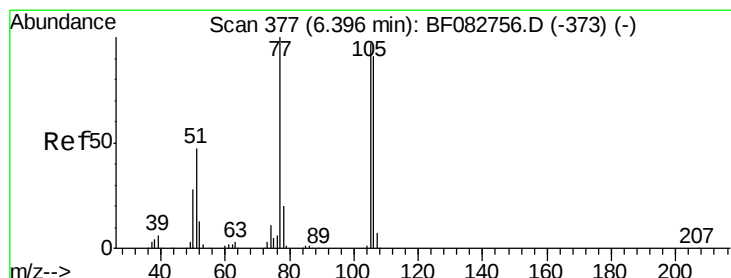
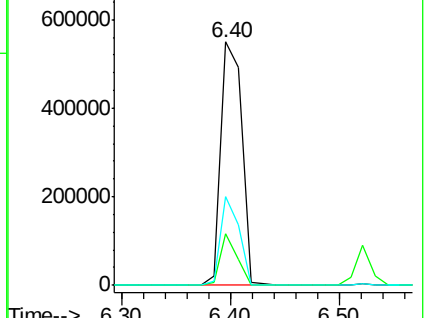
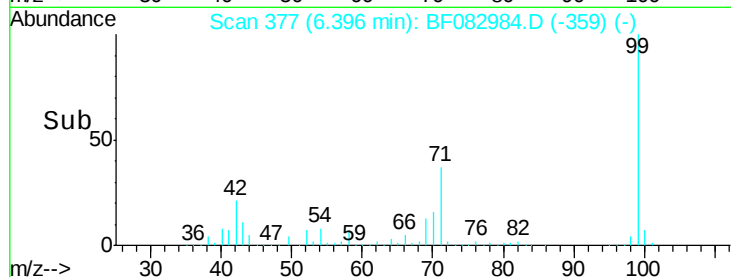
Ion	Ratio	Lower	Upper
99	100		
42	21.1	19.2	28.8
71	36.5	35.0	52.4



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



#9

Benzaldehyde

Concen: 3.66 ng

RT: 6.52 min Scan# 388

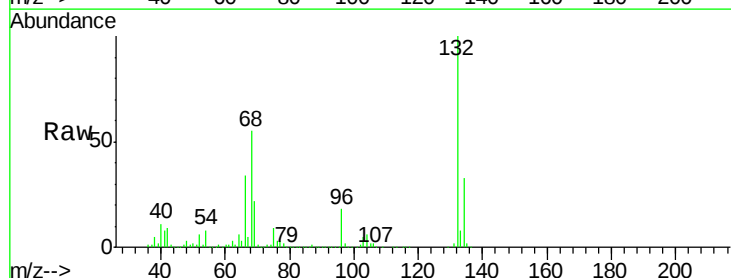
Delta R.T. 0.13 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Tgt Ion: 77 Resp: 29908

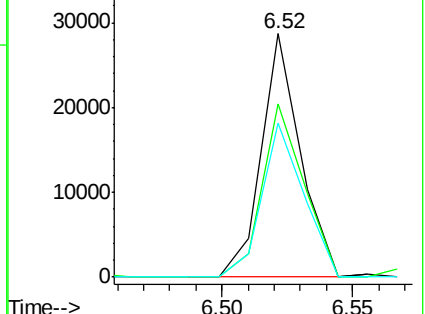
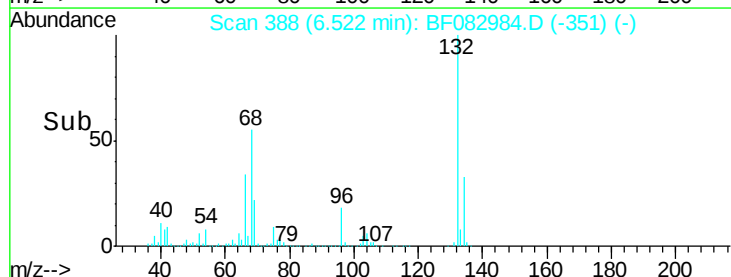
Ion	Ratio	Lower	Upper
77	100		
105	71.0	63.5	103.5
106	63.3	59.3	99.3



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: 17.96 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.05 min

Lab File: BF082984.D

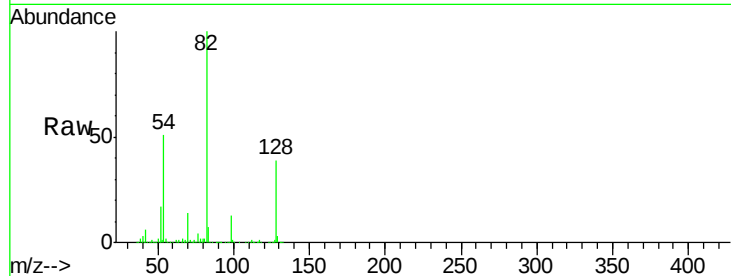
Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	195000
Ion	Ratio	Lower	Upper
70	100		
42	44.7	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#

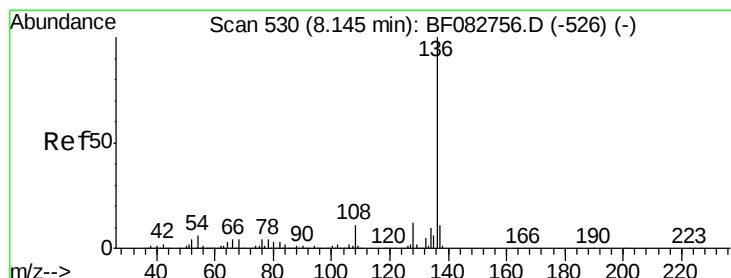
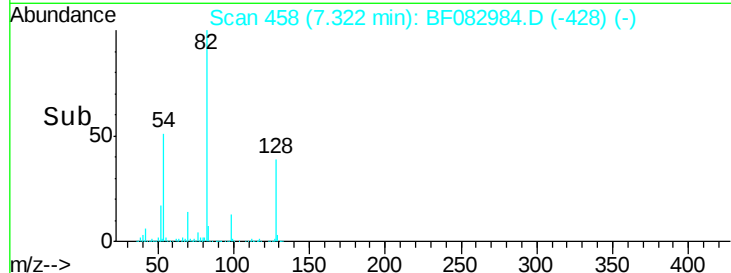
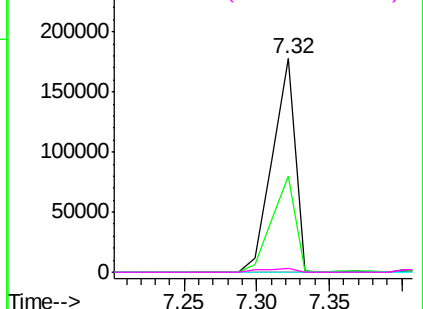


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

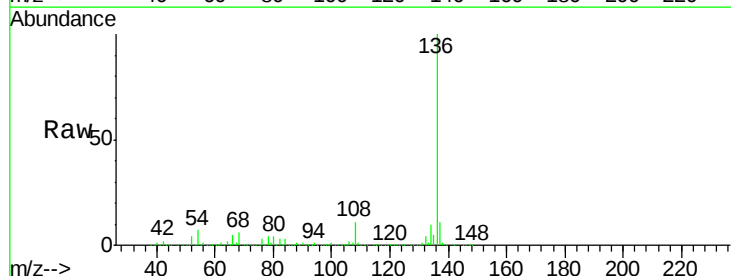
RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Tgt Ion:	136	Resp:	672815
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.2	9.1	13.7#
68	5.8	4.8	7.2

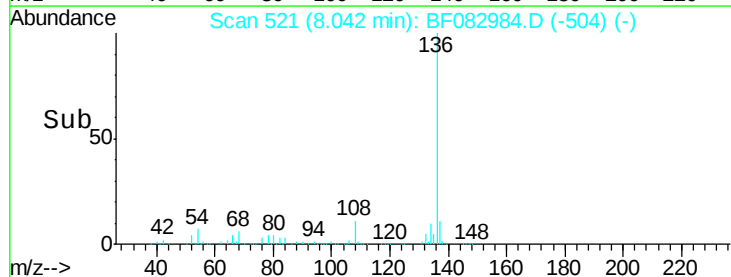
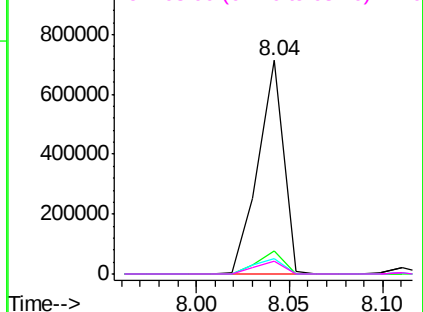


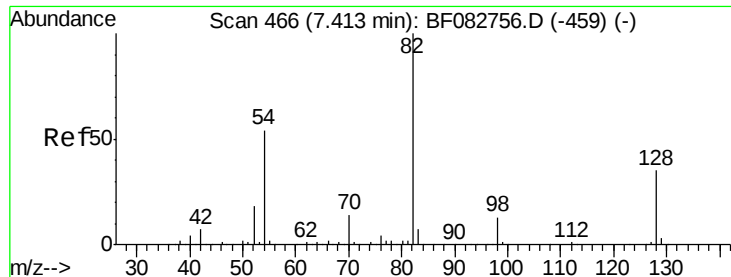
Abundance Ion 136.00 (135.70 to 136.70): E

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

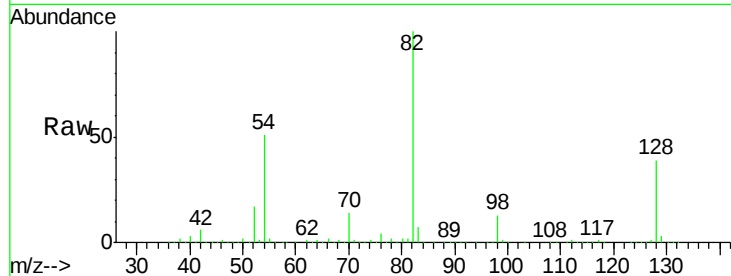




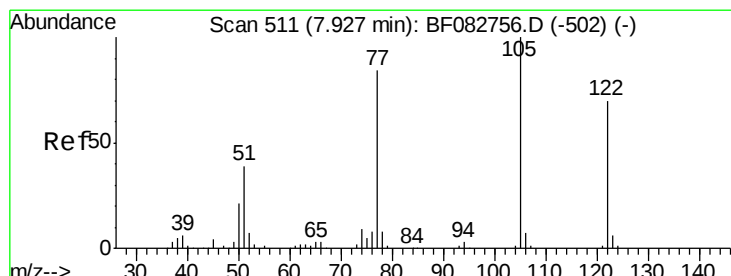
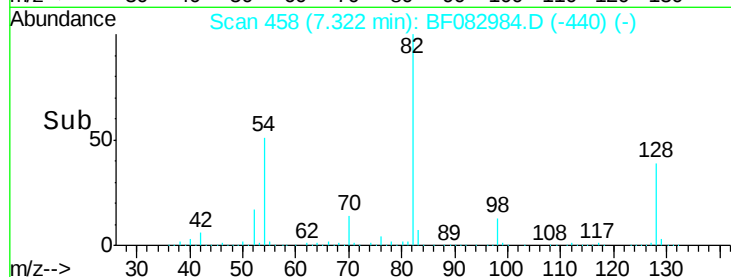
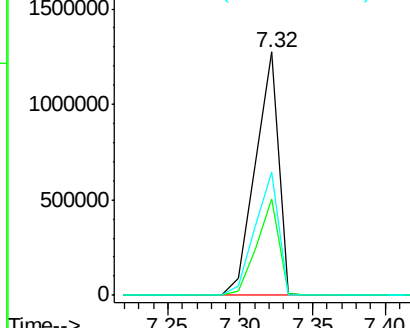
#23
 Nitrobenzene-d5
 Concen: 91.17 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082984.D
 Acq: 17 Nov 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1409719
 Ion Ratio Lower Upper
 82 100
 128 39.4 26.8 40.2
 54 50.7 45.7 68.5

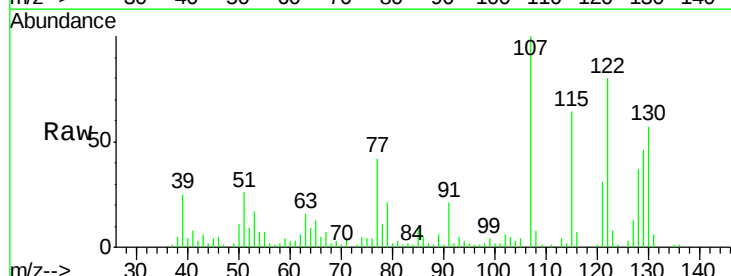


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

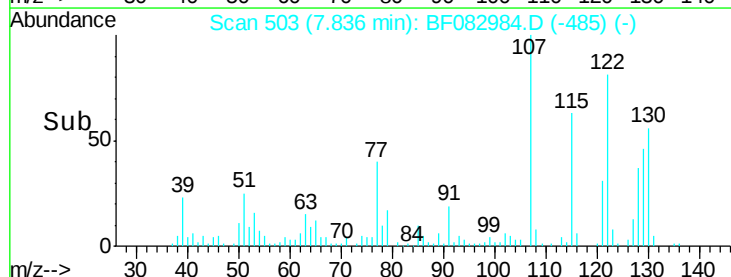
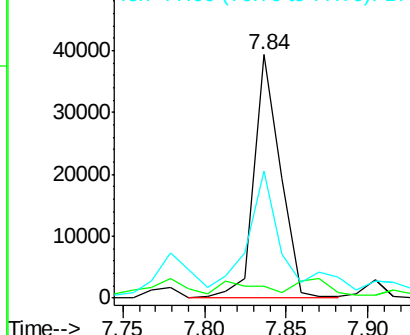


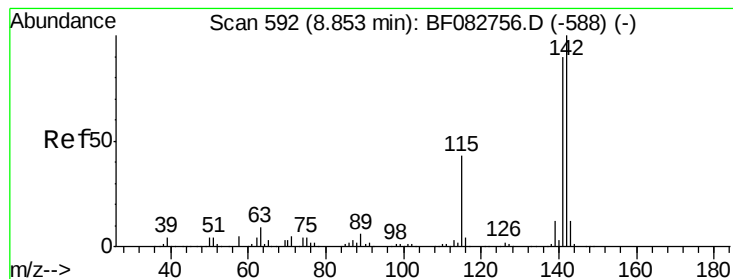
#32
 Benzoic acid
 Concen: 5.48 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.09 min
 Lab File: BF082984.D
 Acq: 17 Nov 2015 23:59

Tgt Ion: 122 Resp: 44511
 Ion Ratio Lower Upper
 122 100
 105 4.8 122.6 162.6#
 77 52.2 100.9 140.9#



Abundance Ion 122.00 (121.70 to 122.70): BF0
 Ion 105.00 (104.70 to 105.70): BF0
 Ion 77.00 (76.70 to 77.70): BF0

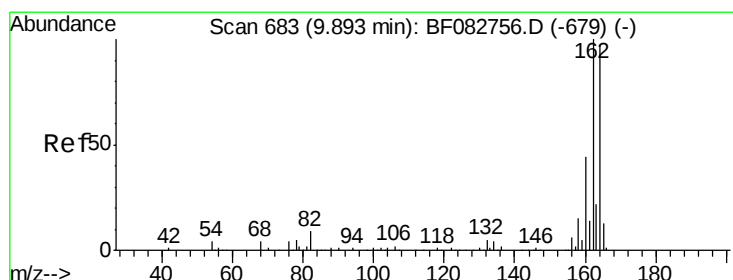
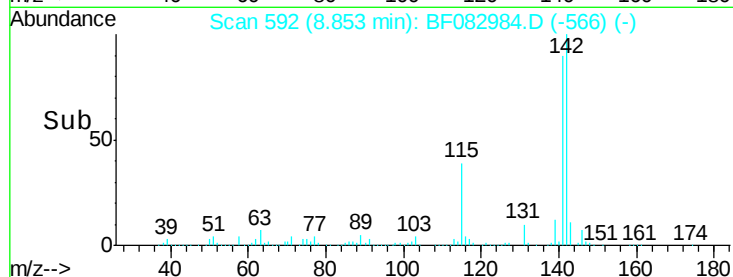
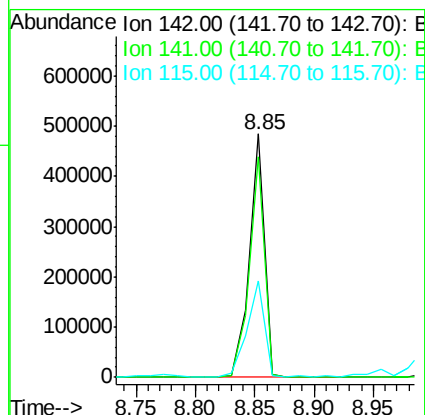
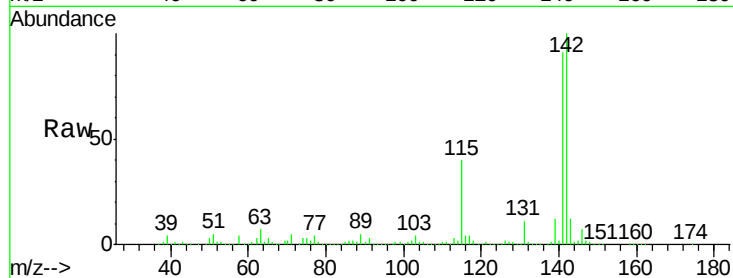




#37
2-Methylnaphthalene
Concen: 17.98 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

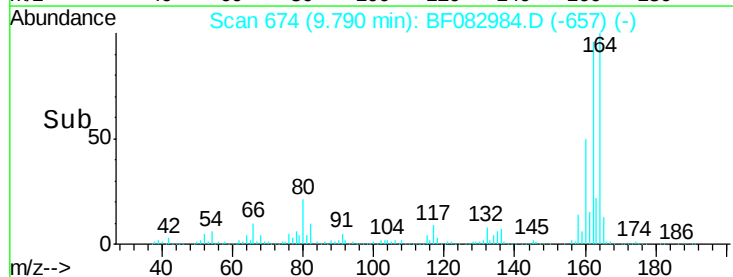
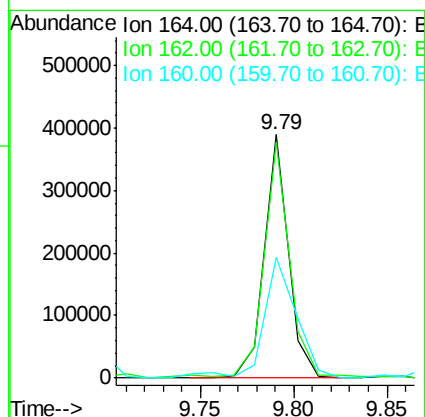
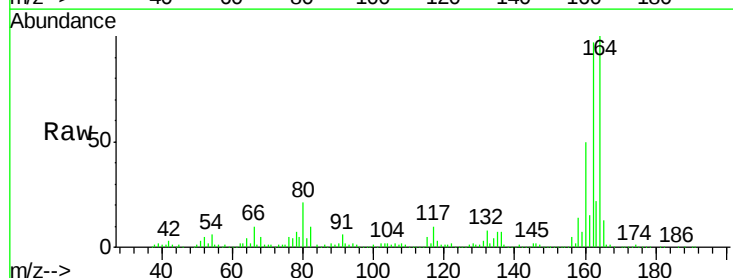
Instrument :
BNA_F
ClientSampleId :

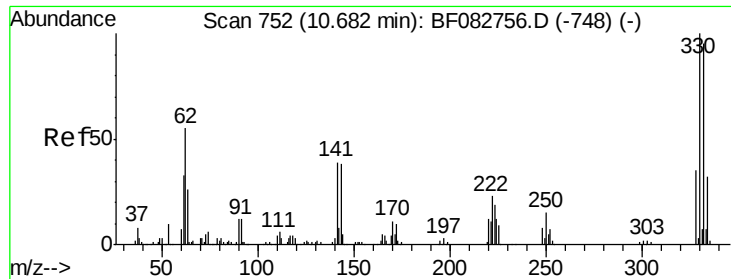
Tot Ion:142 Resp: 431713
Ion Ratio Lower Upper
142 100
141 90.5 72.3 108.5
115 39.8 38.1 57.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion:164 Resp: 347652
Ion Ratio Lower Upper
164 100
162 96.8 84.9 127.3
160 49.6 37.5 56.3

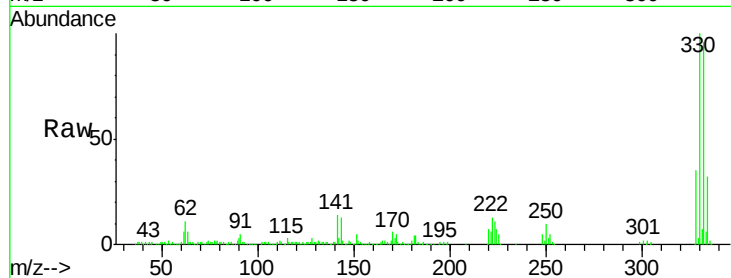




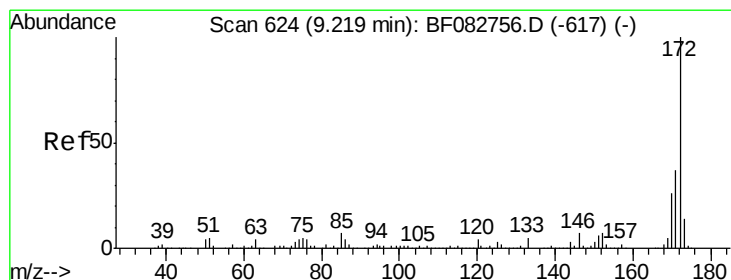
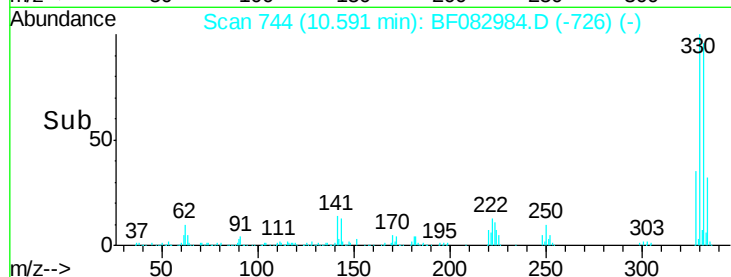
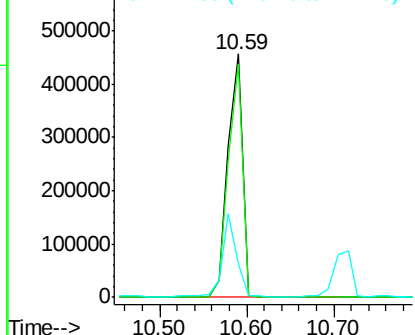
#41
 2,4,6-Tribromophenol
 Concen: 134.69 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082984.D
 Acq: 17 Nov 2015 23:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 536883
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 114.8
 141 33.4 41.2 61.8#

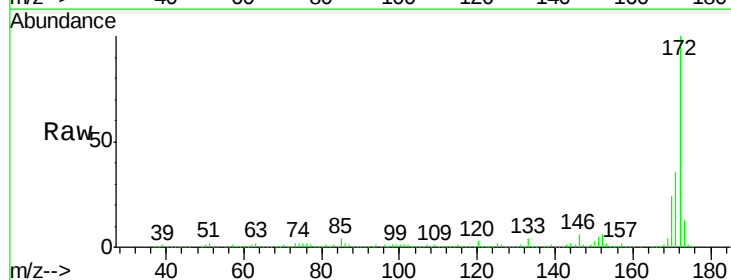


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

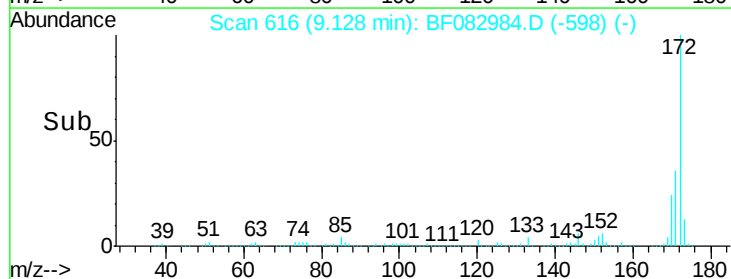
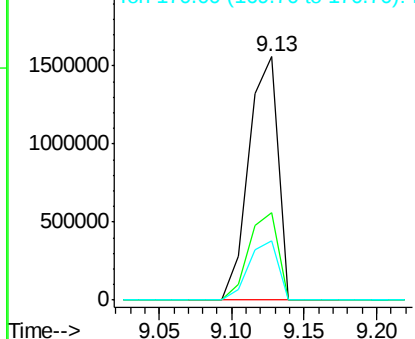


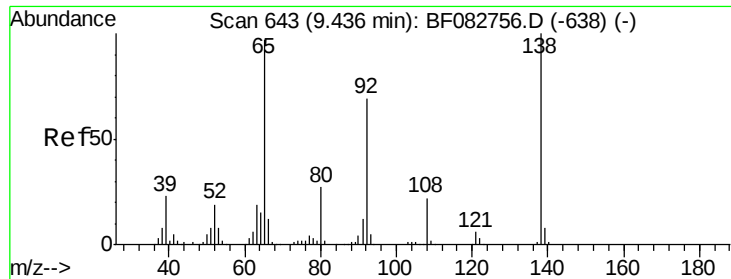
#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082984.D
 Acq: 17 Nov 2015 23:59

Tgt Ion:172 Resp: 2180040
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 24.5 21.2 31.8



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

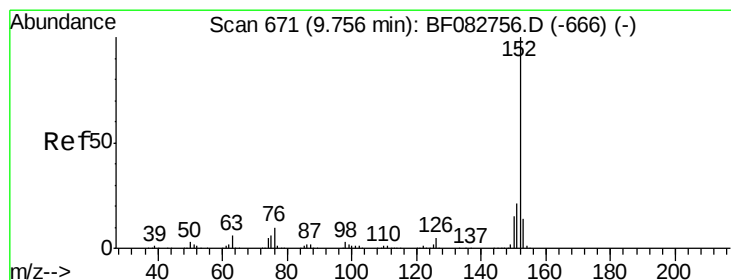
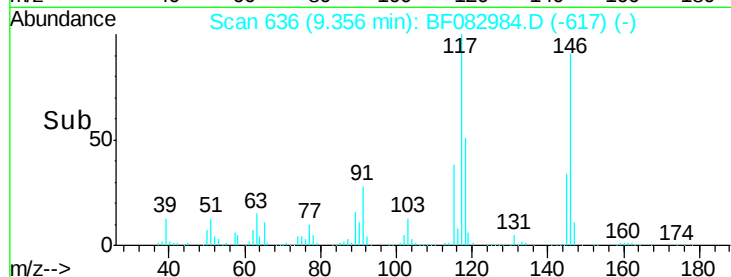
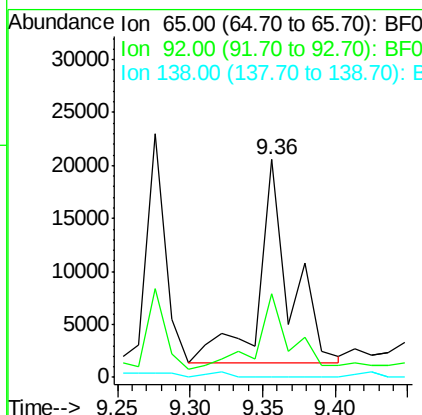
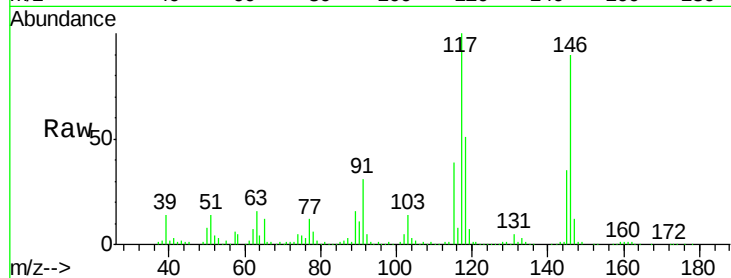




#47
2-Nitroaniline
Concen: 3.39 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.08 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

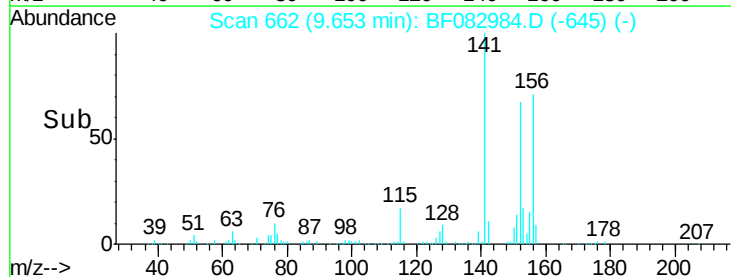
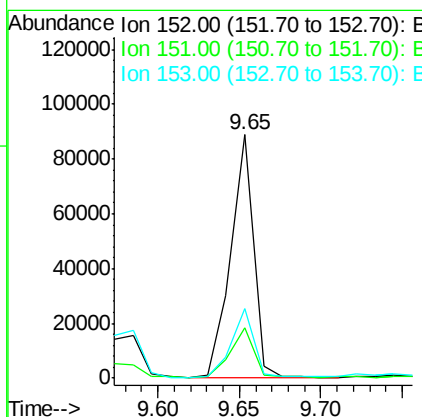
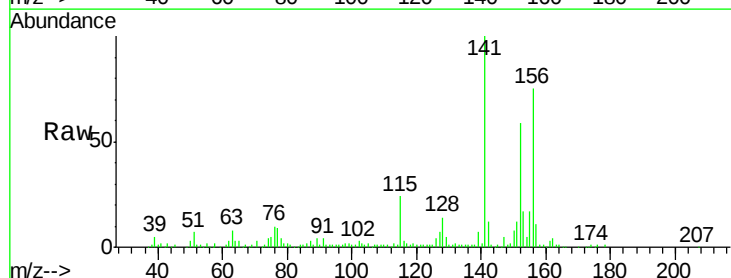
Instrument :
BNA_F
ClientSampleId :

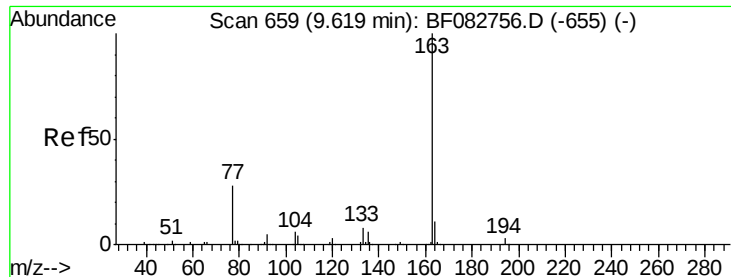
Tot Ion: 65 Resp: 29221
Ion Ratio Lower Upper
65 100
92 38.1 46.6 70.0#
138 0.0 54.6 81.8#



#48
Acenaphthylene
Concen: 2.38 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion: 152 Resp: 86748
Ion Ratio Lower Upper
152 100
151 20.9 17.3 25.9
153 28.5 11.3 16.9#

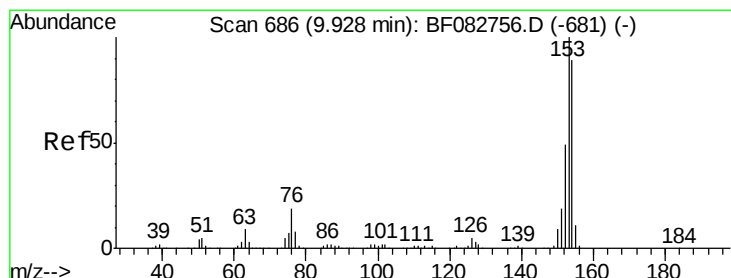
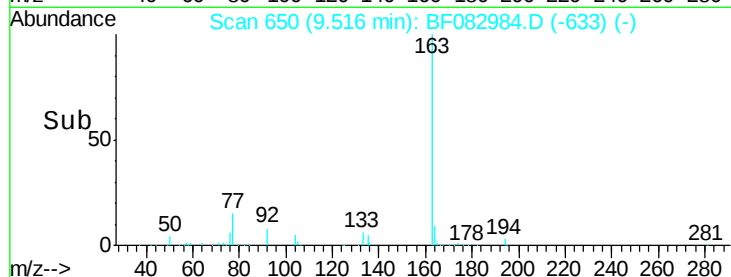
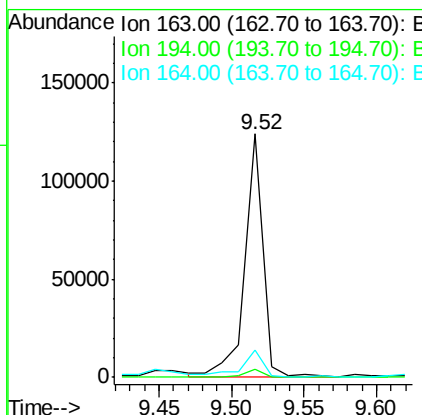
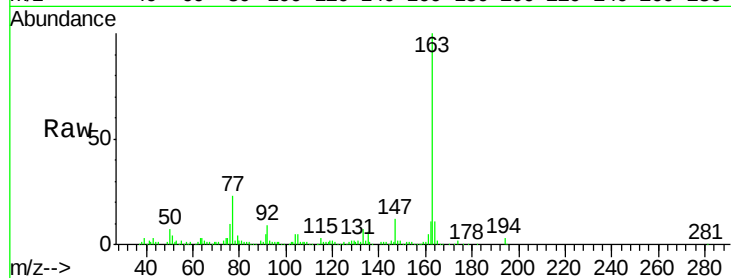




#49
Dimethylphthalate
Concen: 3.73 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

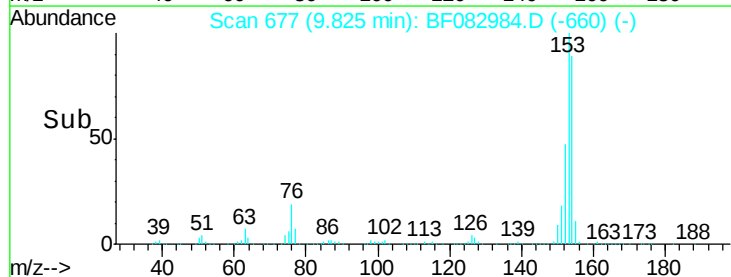
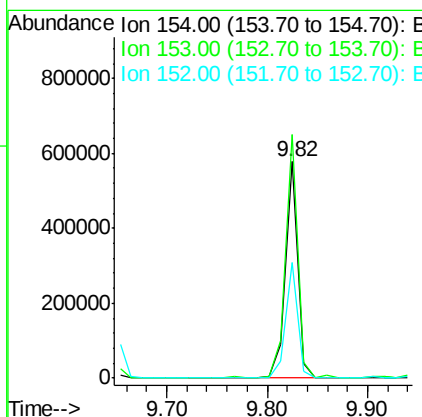
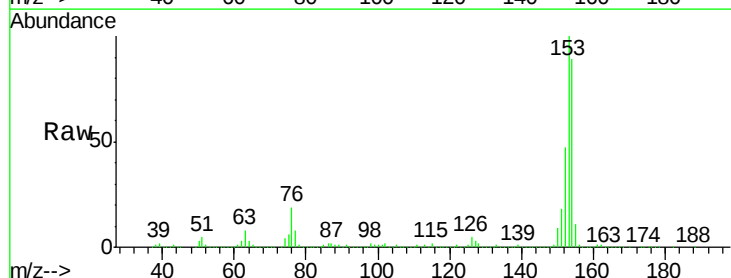
Instrument :
BNA_F
ClientSampleId :

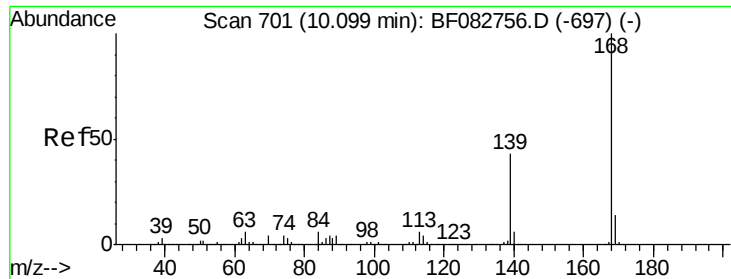
Tot Ion:163 Resp: 106385
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.0 8.7 13.1



#51
Acenaphthene
Concen: 21.20 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion:154 Resp: 490037
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 53.4 44.3 66.5





#54

Dibenzofuran

Concen: 5.30 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.10 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampled :

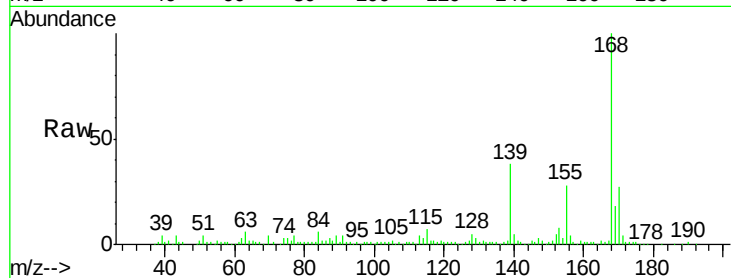
Tot Ion:168 Resp: 165153

Ion Ratio Lower Upper

168 100

139 37.9 37.8 56.6

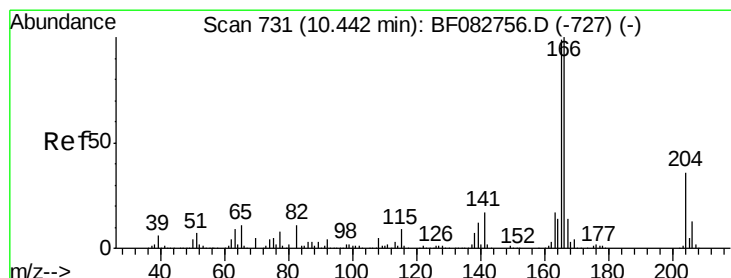
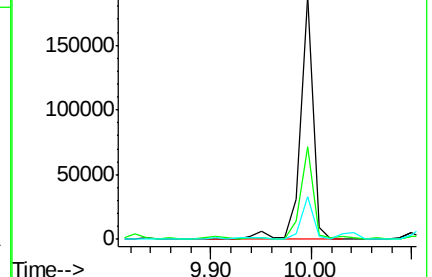
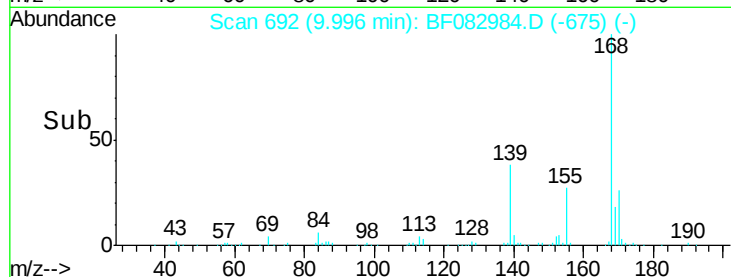
169 17.6 11.3 16.9#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 21.33 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

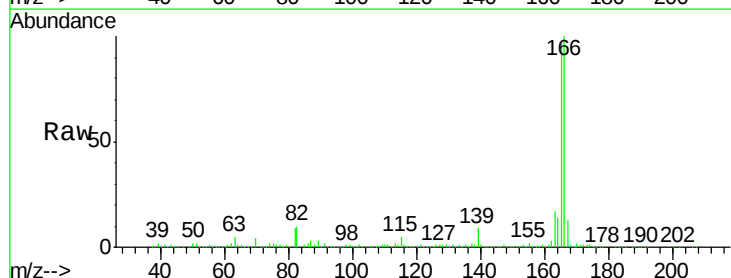
Tgt Ion:166 Resp: 538262

Ion Ratio Lower Upper

166 100

165 96.9 80.2 120.4

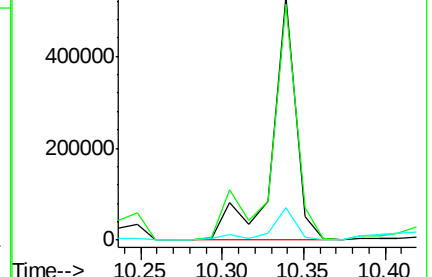
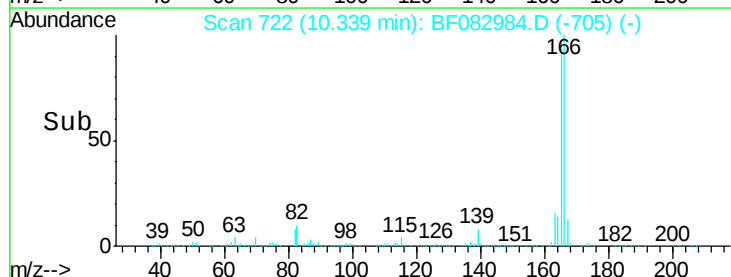
167 13.4 11.2 16.8

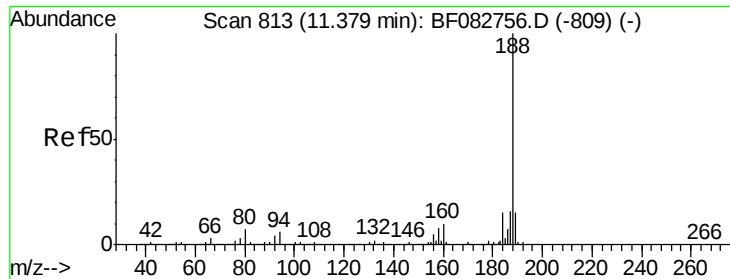


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

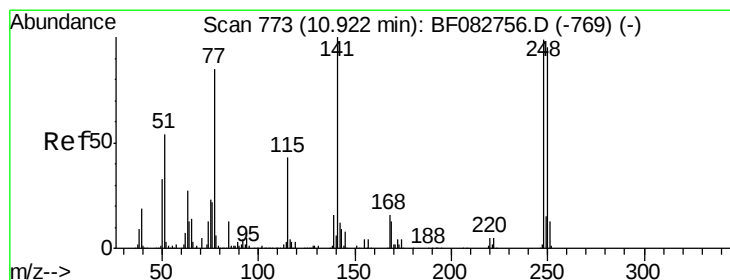
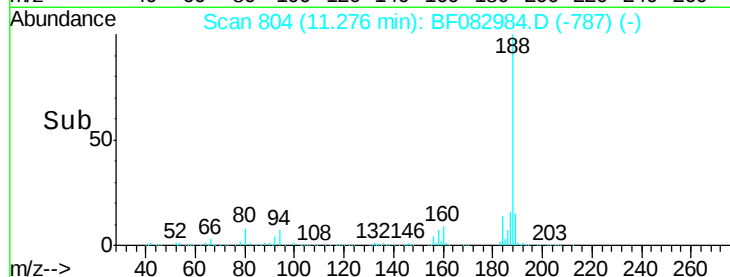
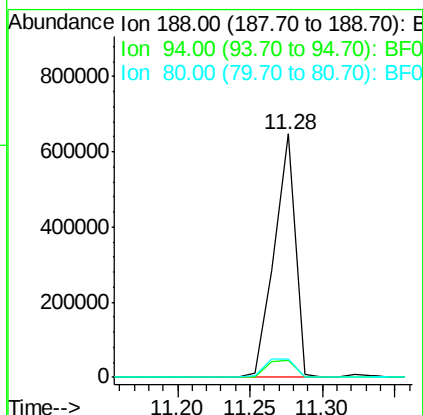
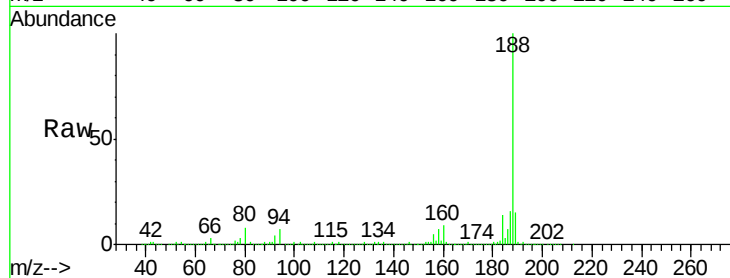




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

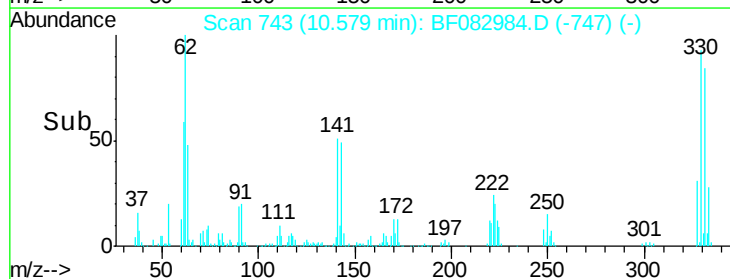
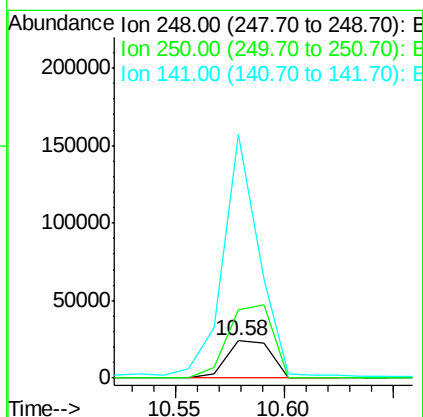
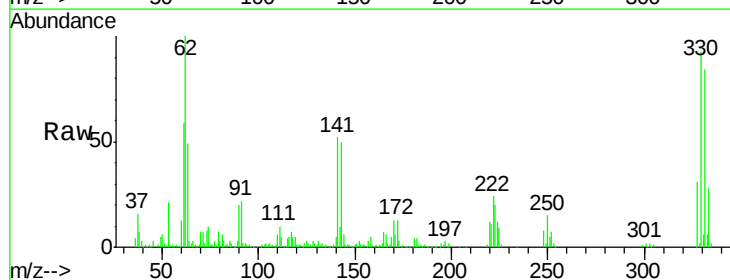
Instrument :
BNA_F
ClientSampleId :

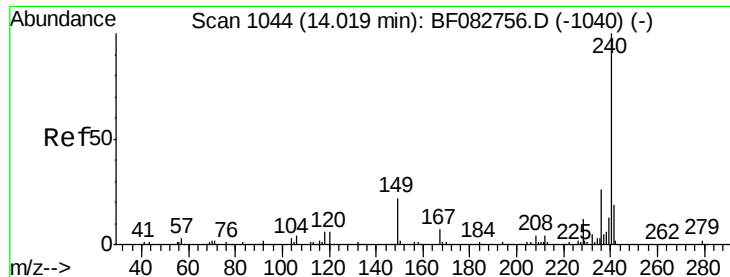
Tot Ion:188 Resp: 653425
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 7.8 7.0 10.6



#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.34 min
Lab File: BF082984.D
Acq: 17 Nov 2015 23:59

Tgt Ion:248 Resp: 34269
Ion Ratio Lower Upper
248 100
250 184.2 79.4 119.2#
141 653.3 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

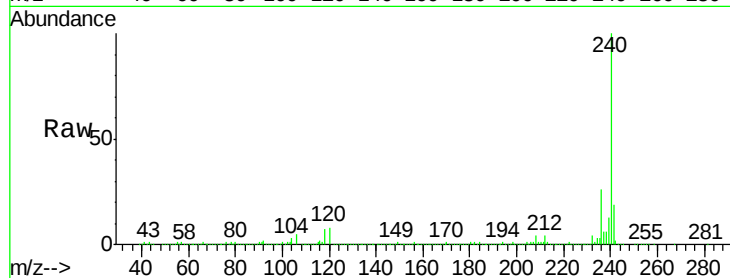
Tot Ion:240 Resp: 593906

Ion Ratio Lower Upper

240 100

120 7.8 10.9 16.3#

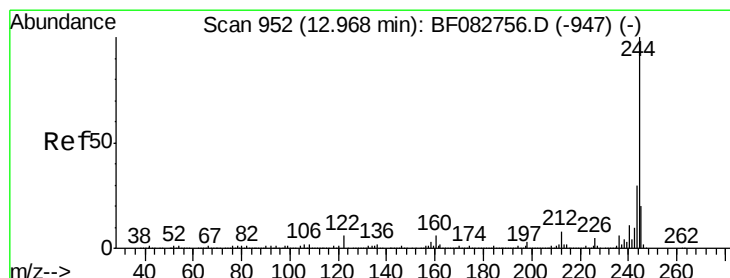
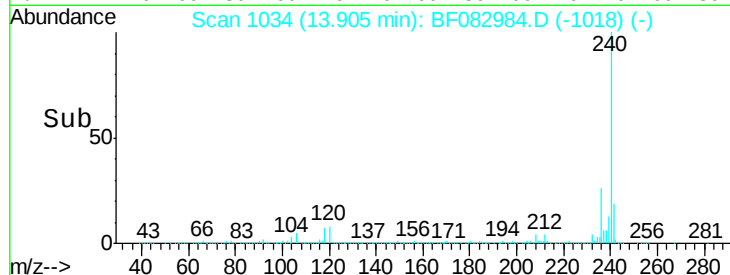
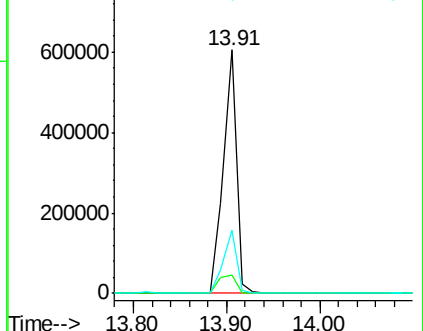
236 25.9 21.6 32.4



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: 77.68 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

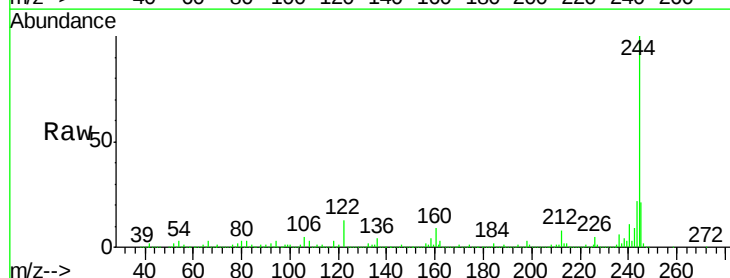
Tgt Ion:244 Resp: 1945186

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

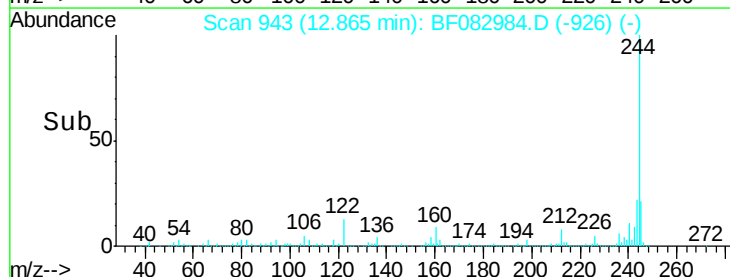
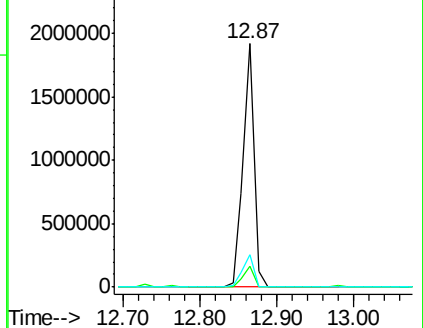
122 13.2 11.3 16.9

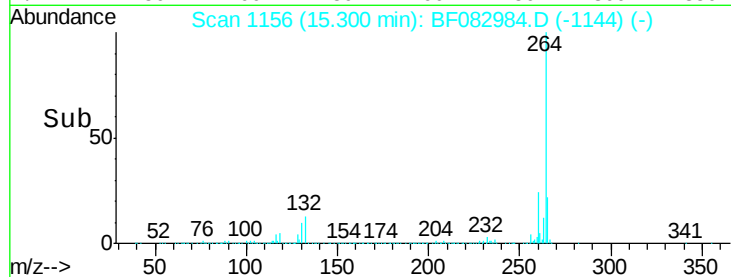
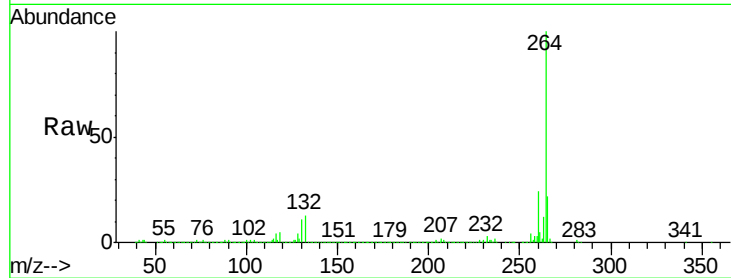
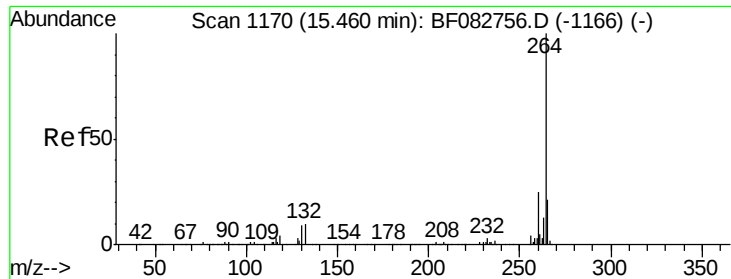


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156

Delta R.T. -0.16 min

Lab File: BF082984.D

Acq: 17 Nov 2015 23:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 422755

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 21.9 17.4 26.0

