

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084030.D
 Acq On : 23 Dec 2015 10:46
 Operator : UM/SJ
 Sample : G4919-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

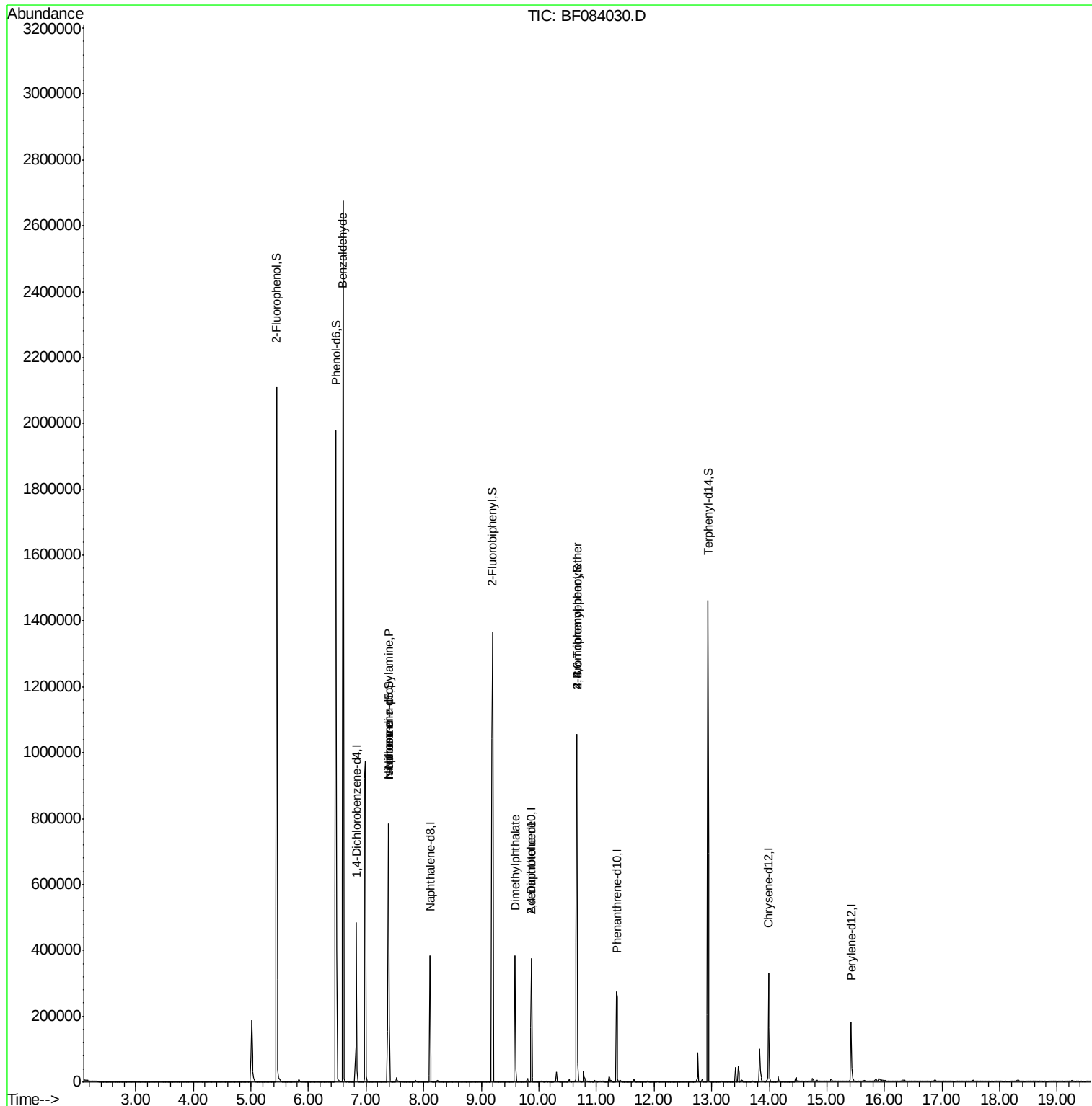
Quant Time: Dec 23 11:24:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

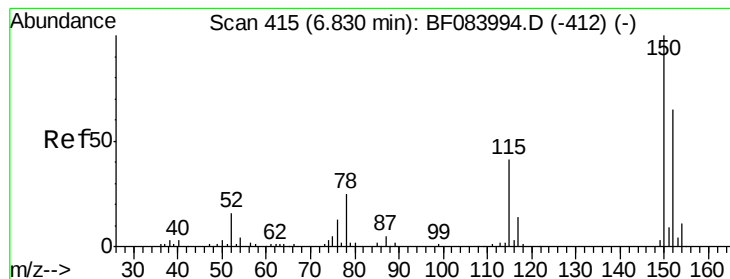
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	79202	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	172313	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	84109	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	149274	20.00	ng	0.00
75) Chrysene-d12	13.99	240	132900	20.00	ng	-0.01
86) Perylene-d12	15.43	264	105315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	607637	130.81	ng	0.01
7) Phenol-d6	6.48	99	776328	142.14	ng	0.00
23) Nitrobenzene-d5	7.39	82	269030	95.91	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	133195	164.64	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	597121	95.54	ng	0.00
78) Terphenyl-d14	12.93	244	538503	96.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	16335	4.48	ng	86
19) n-Nitroso-di-n-propylamine	7.39	70	36954	11.17	ng	# 76
25) Isophorone	7.39	82	231876	43.63	ng	# 66
49) Dimethylphthalate	9.58	163	144769	22.00	ng	# 90
56) 2,4-Dinitrotoluene	9.87	165	10632	6.09	ng	# 20
66) 4-Bromophenyl-phenylether	10.66	248	9646	5.64	ng	# 1

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

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\  
Data File : BF084030.D  
Acq On    : 23 Dec 2015   10:46  
Operator  : UM/SJ  
Sample    : G4919-04  
Misc      :  
ALS Vial  : 36      Sample Multiplier: 1
```

Quant Time: Dec 23 11:24:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF084030.D

Acq: 23 Dec 2015 10:46

Instrument :

BNA_F

ClientSampleId :

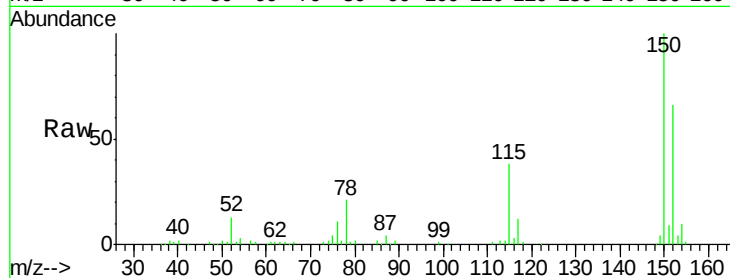
Tot Ion:152 Resp: 79202

Ion Ratio Lower Upper

152 100

150 151.3 123.0 184.4

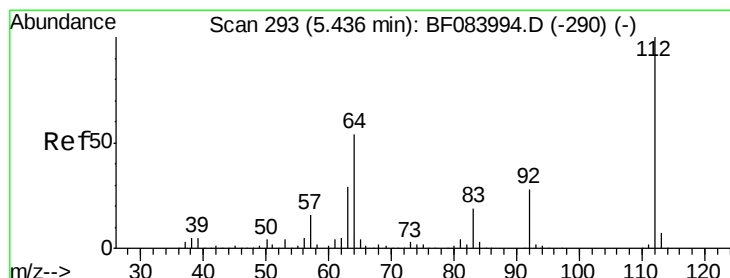
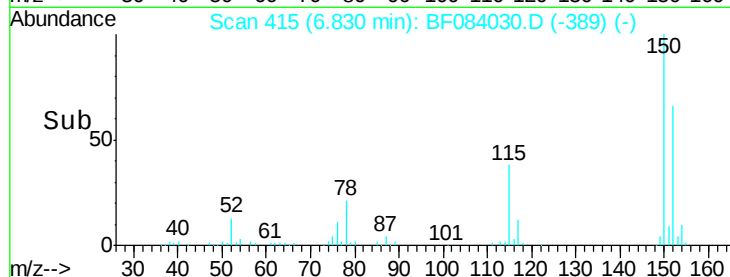
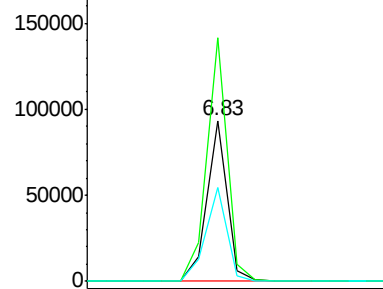
115 58.1 51.4 77.2



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: 130.81 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084030.D

Acq: 23 Dec 2015 10:46

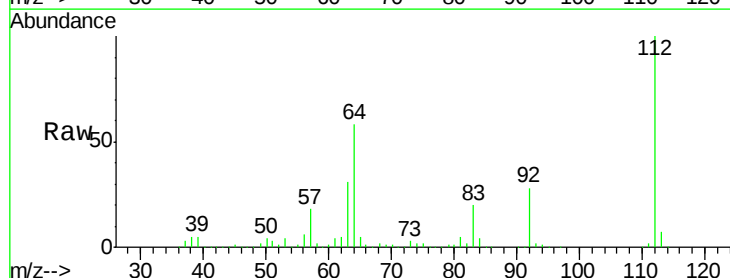
Tgt Ion:112 Resp: 607637

Ion Ratio Lower Upper

112 100

64 57.9 36.6 55.0#

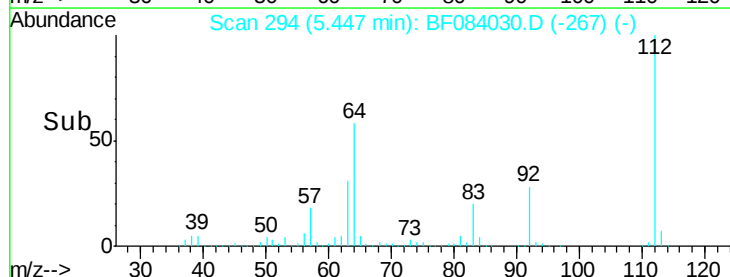
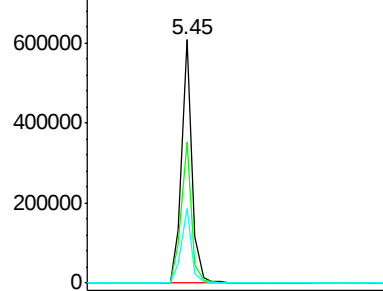
63 30.6 19.4 29.0#

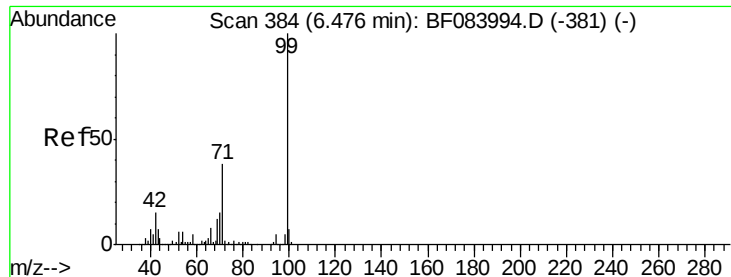


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.14 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084030.D

Acq: 23 Dec 2015 10:46

Instrument :

BNA_F

ClientSampled :

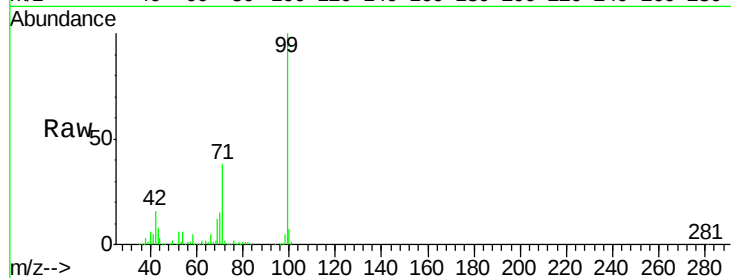
Tot Ion: 99 Resp: 776328

Ion Ratio Lower Upper

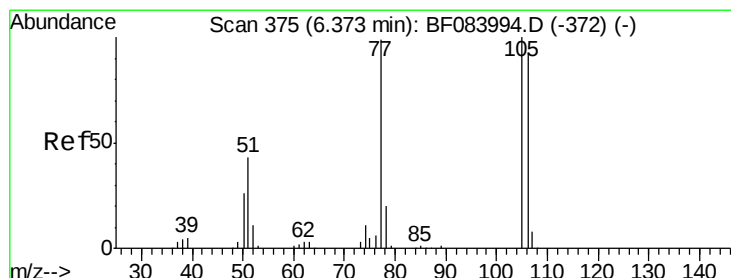
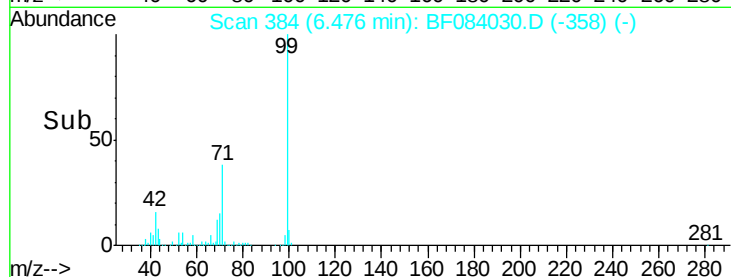
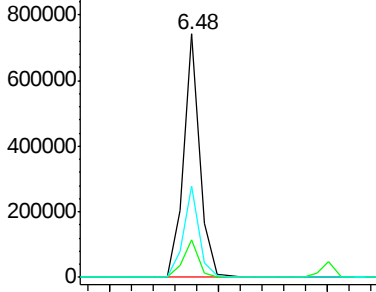
99 100

42 15.5 12.8 19.2

71 37.6 30.9 46.3



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: 4.48 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084030.D

Acq: 23 Dec 2015 10:46

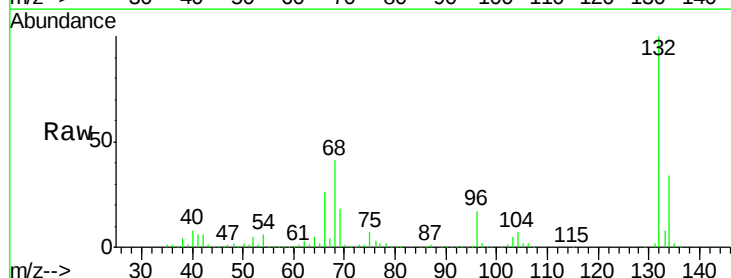
Tgt Ion: 77 Resp: 16335

Ion Ratio Lower Upper

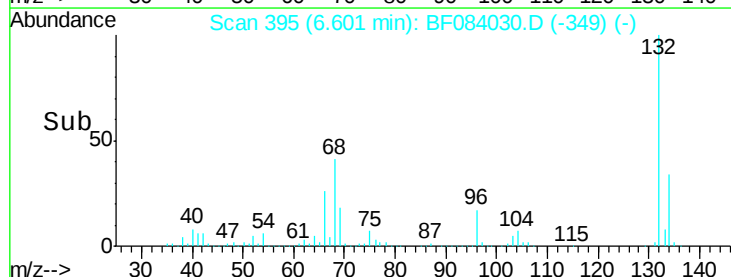
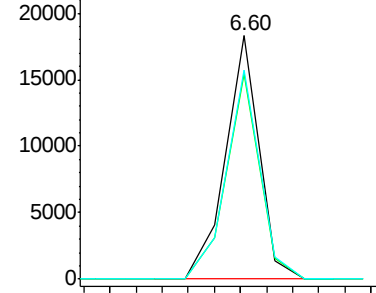
77 100

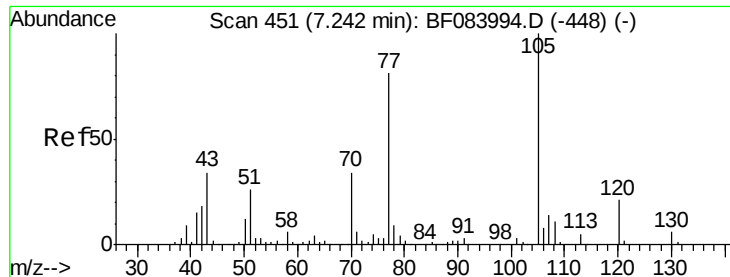
105 84.2 83.0 123.0

106 86.0 74.6 114.6



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

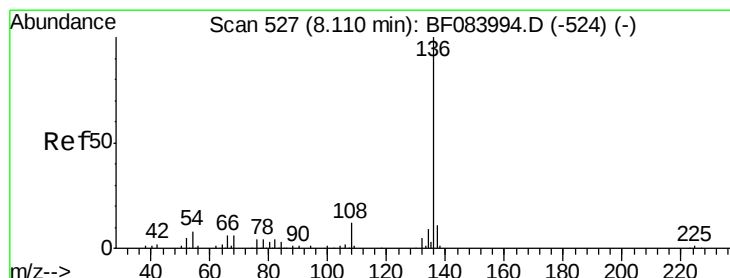
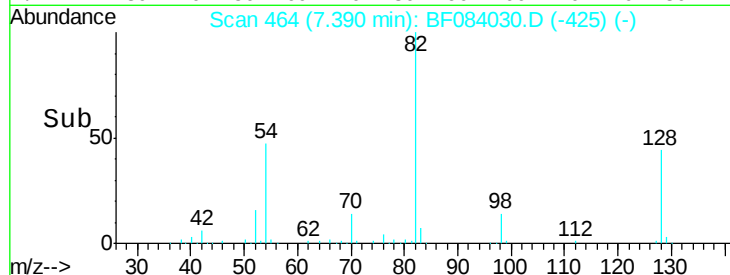
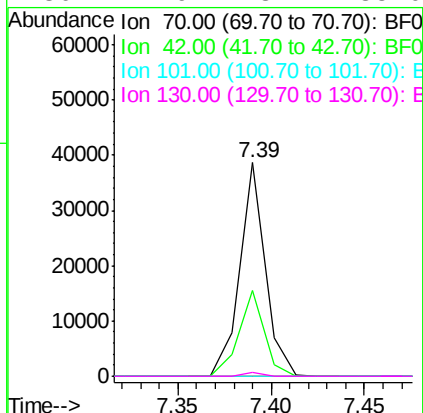
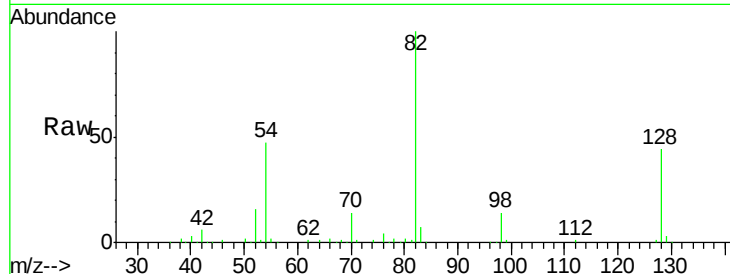




#19
n-Nitroso-di-n-propylamine
Concen: 11.17 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.15 min
Lab File: BF084030.D
Acq: 23 Dec 2015 10:46

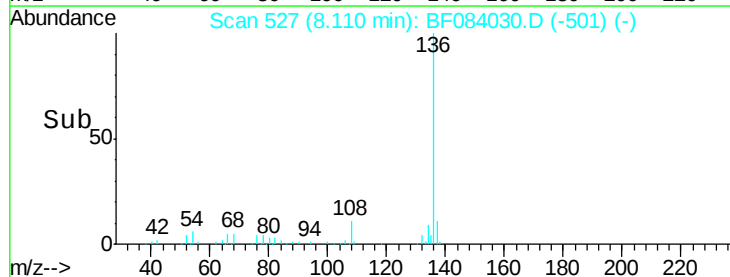
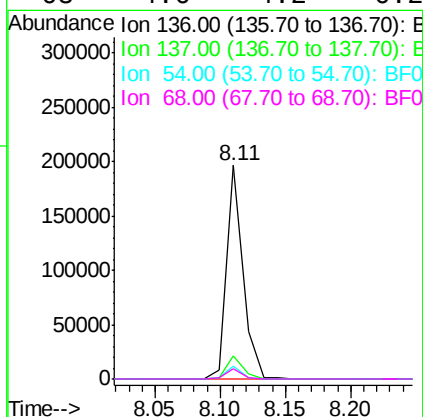
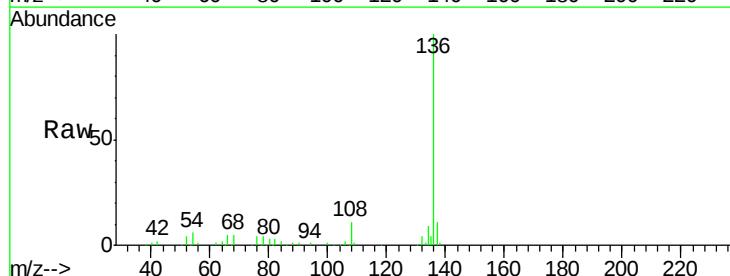
Instrument :
BNA_F
ClientSampleId :

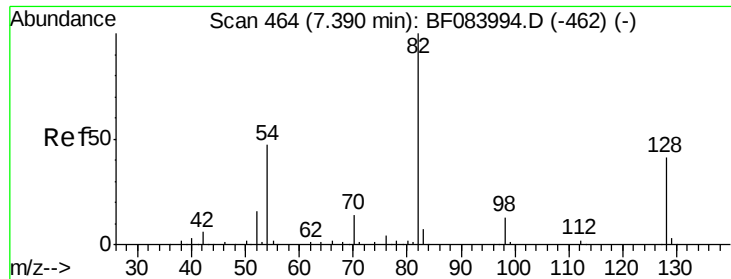
Tot Ion: 70 Resp: 36954
Ion Ratio Lower Upper
70 100
42 39.9 33.3 49.9
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084030.D
Acq: 23 Dec 2015 10:46

Tgt Ion: 136 Resp: 172313
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.0 5.8 8.8
68 4.6 4.2 6.2

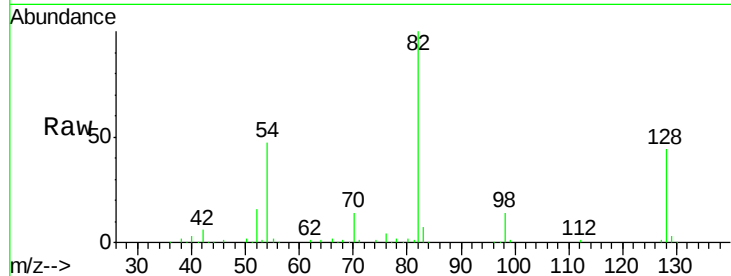




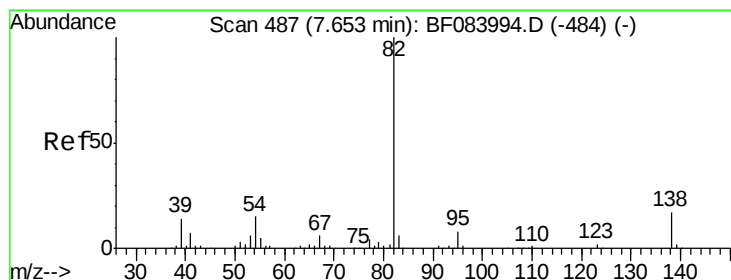
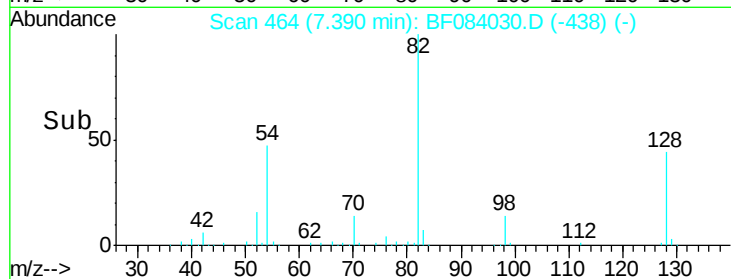
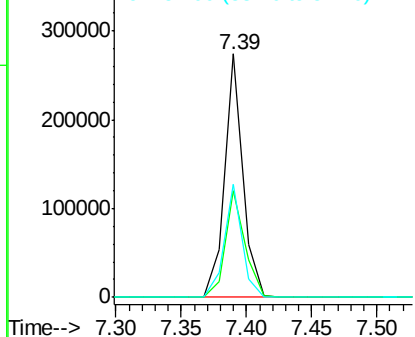
#23
 Nitrobenzene-d5
 Concen: 95.91 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084030.D
 Acq: 23 Dec 2015 10:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	269030
Ion Ratio	Lower	Upper	
82	100		
128	44.0	34.6	51.8
54	46.6	38.4	57.6

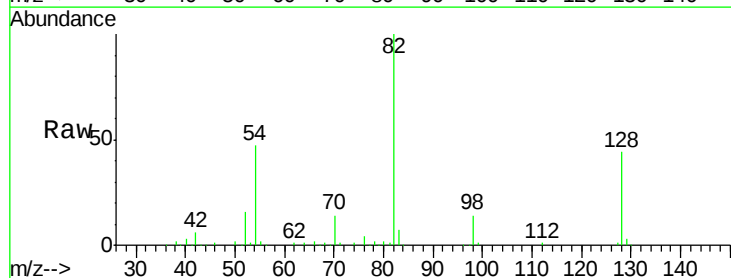


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

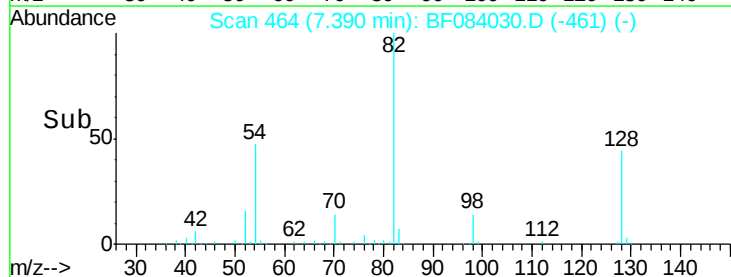
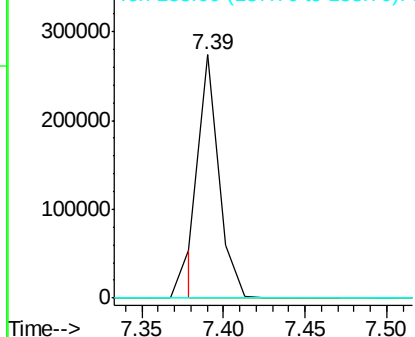


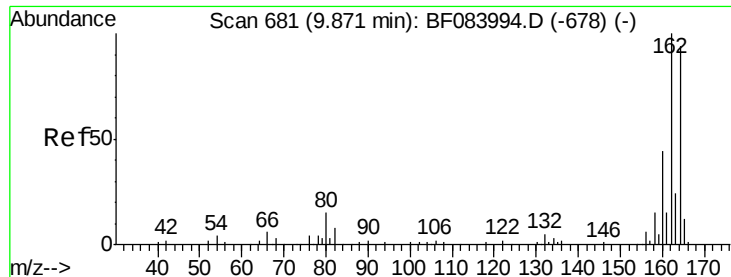
#25
 Isophorone
 Concen: 43.63 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.26 min
 Lab File: BF084030.D
 Acq: 23 Dec 2015 10:46

Tgt Ion	82	Resp	231876
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084030.D

Acq: 23 Dec 2015 10:46

Instrument :

BNA_F

ClientSampleId :

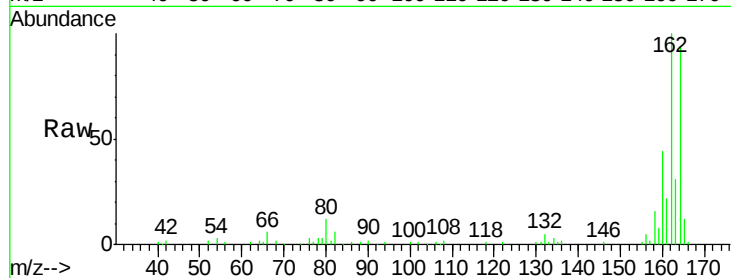
Tot Ion:164 Resp: 84109

Ion Ratio Lower Upper

164 100

162 106.3 85.1 127.7

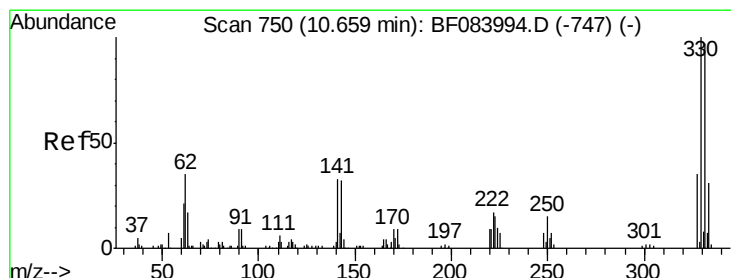
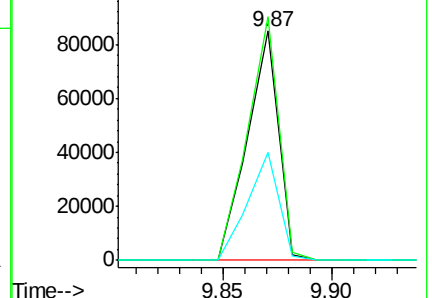
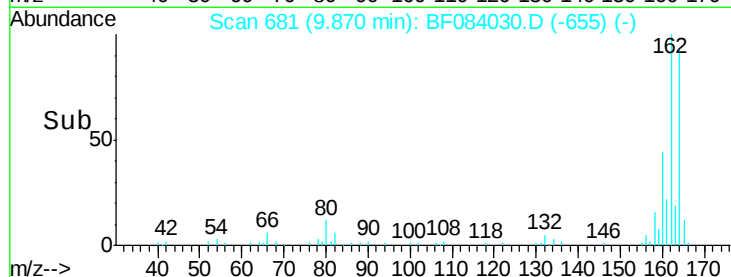
160 47.2 37.5 56.3



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: 164.64 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF084030.D

Acq: 23 Dec 2015 10:46

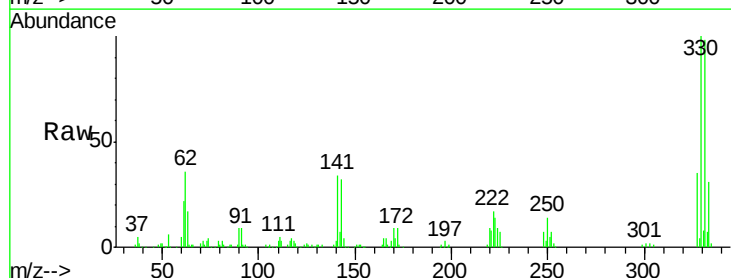
Tgt Ion:330 Resp: 133195

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

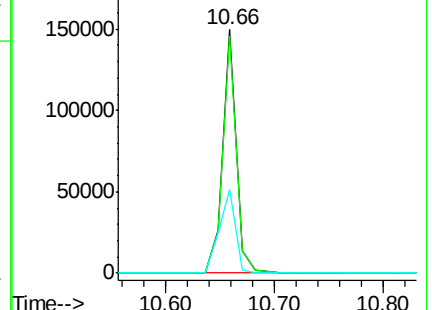
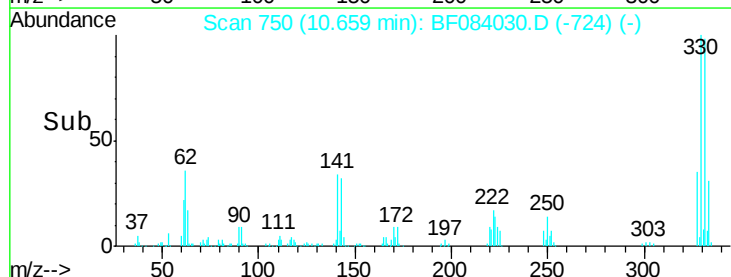
141 40.6 27.8 41.6

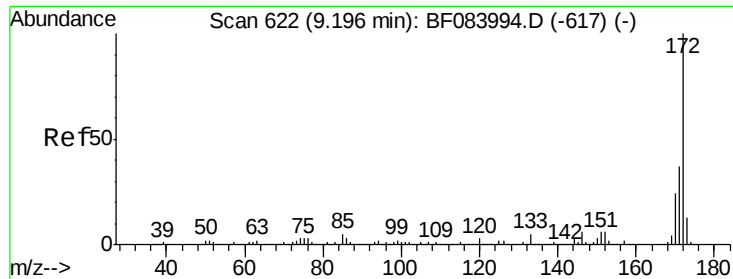


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

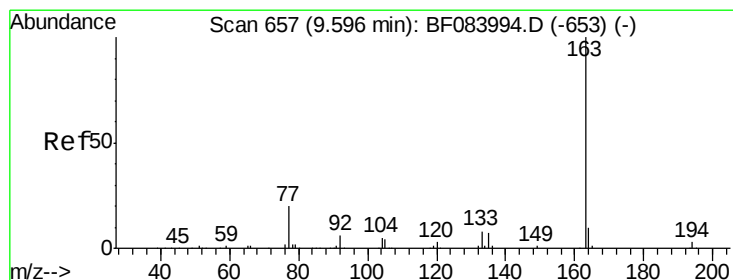
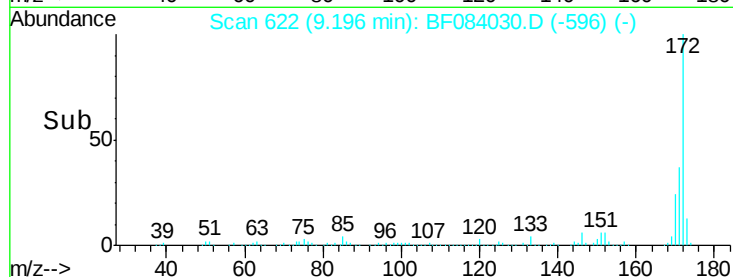
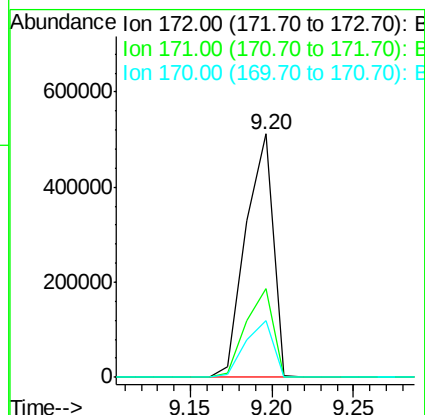
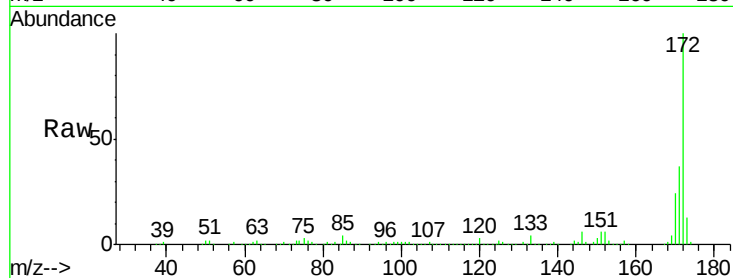




#44
2-Fluorobiphenyl
Concen: 95.54 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF084030.D
Acq: 23 Dec 2015 10:46

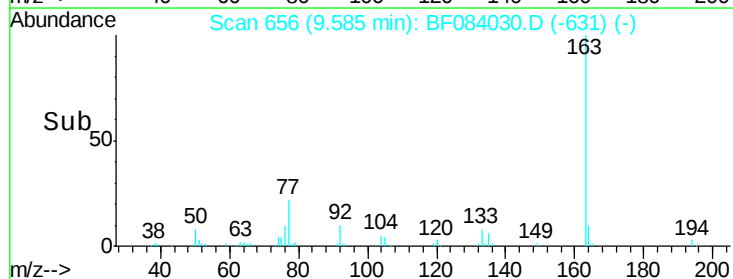
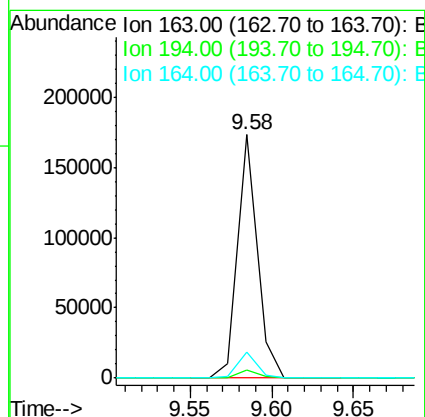
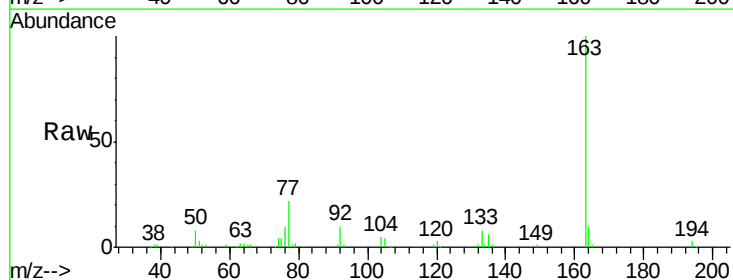
Instrument :
BNA_F
ClientSampleId :

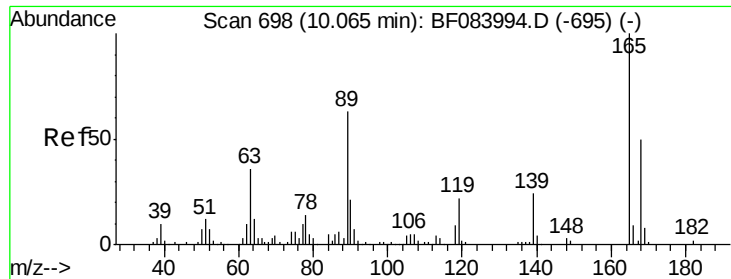
Tot Ion:172 Resp: 597121
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 23.5 18.6 27.8



#49
Dimethylphthalate
Concen: 22.00 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF084030.D
Acq: 23 Dec 2015 10:46

Tgt Ion:163 Resp: 144769
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.5 8.0 12.0

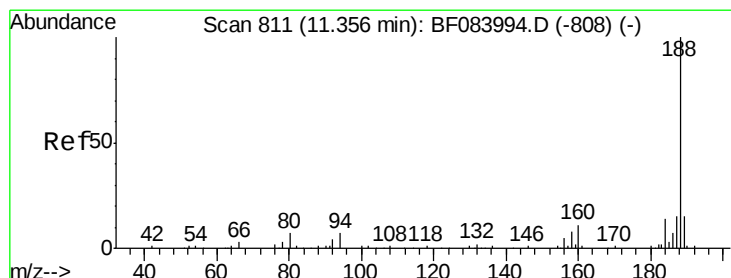
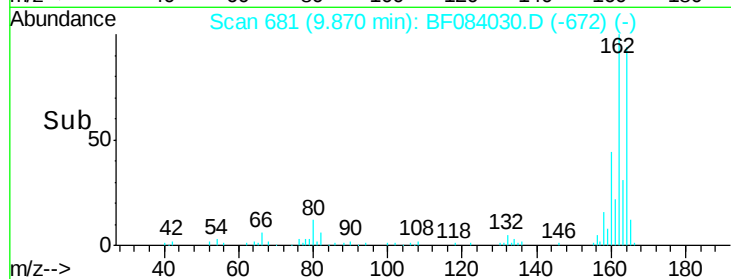
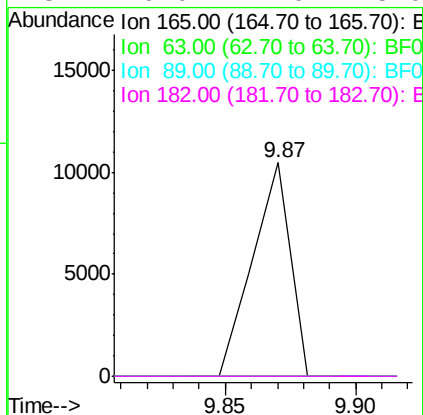
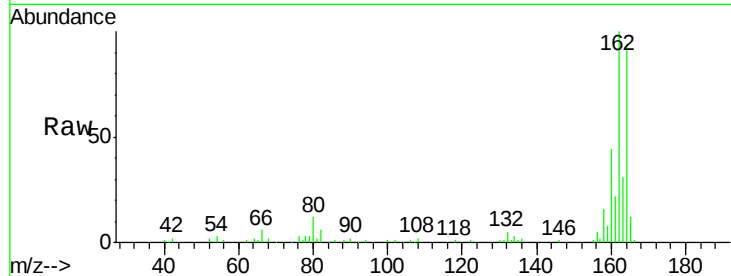




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF084030.D
 Acq: 23 Dec 2015 10:46

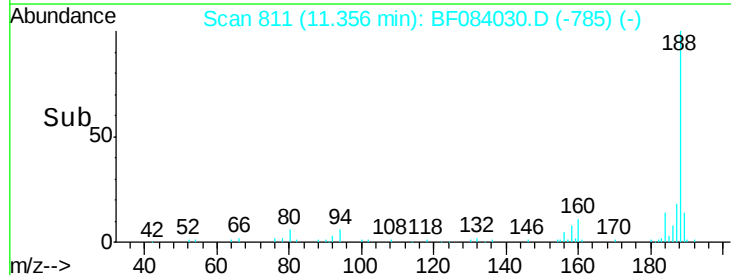
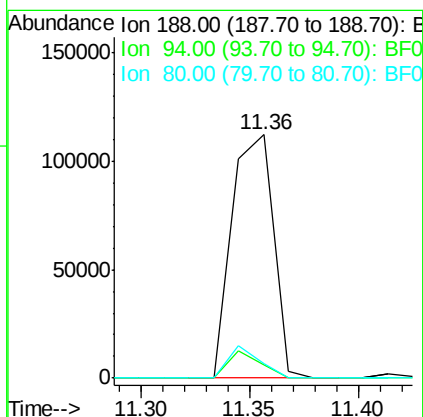
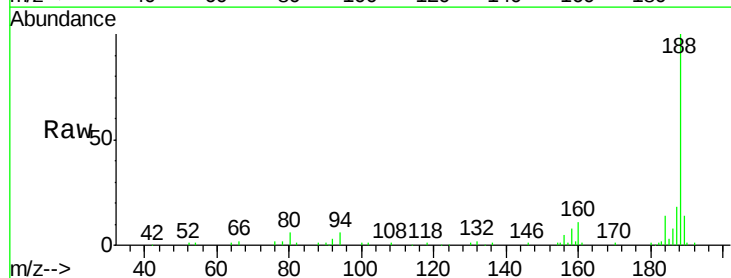
Instrument :
 BNA_F
 ClientSampleId :

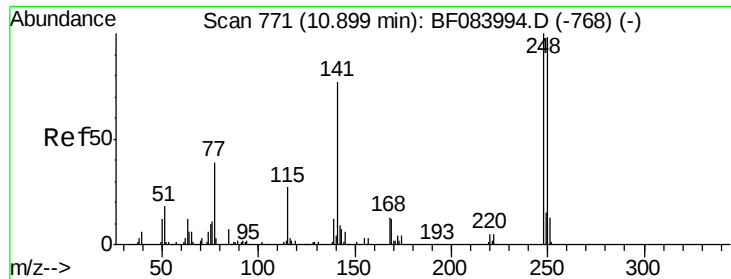
Tot Ion:165 Resp: 10632
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 61.9 92.9#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF084030.D
 Acq: 23 Dec 2015 10:46

Tgt Ion:188 Resp: 149274
 Ion Ratio Lower Upper
 188 100
 94 5.7 9.0 13.4#
 80 5.7 9.6 14.4#

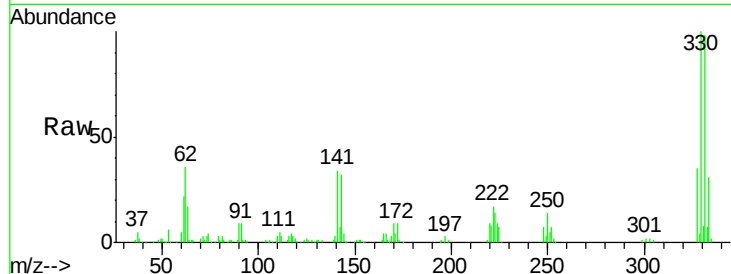




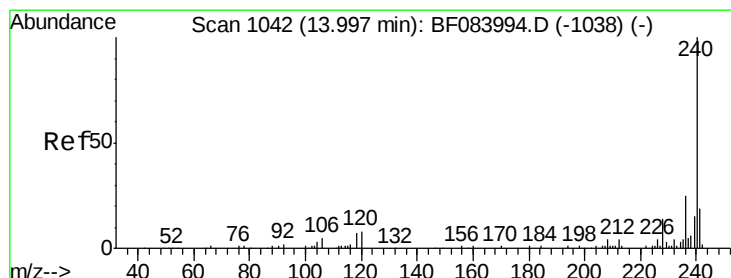
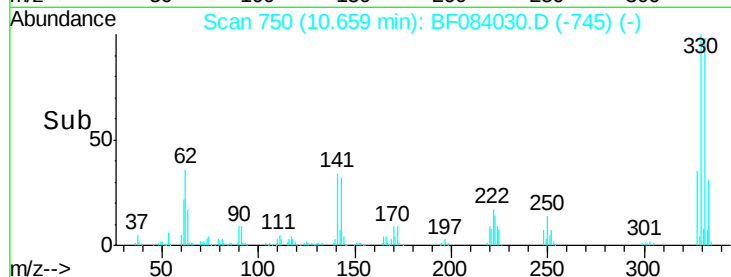
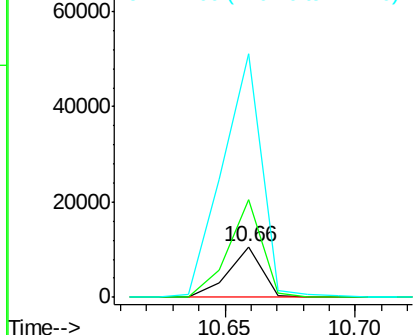
#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.24 min
Lab File: BF084030.D
Acq: 23 Dec 2015 10:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9646
Ion Ratio Lower Upper
248 100
250 193.9 78.4 117.6#
141 481.2 44.0 66.0#

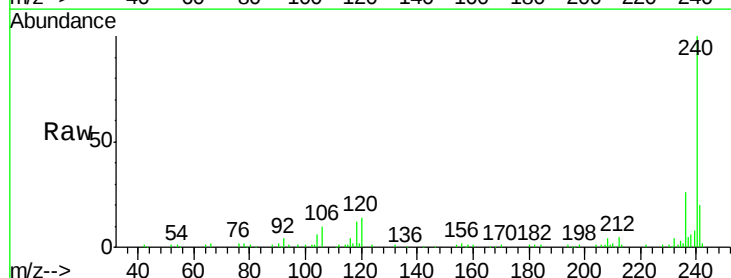


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

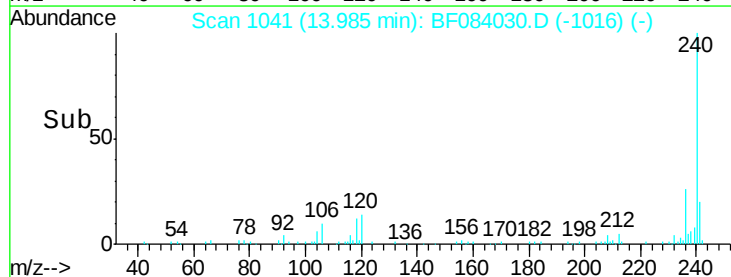
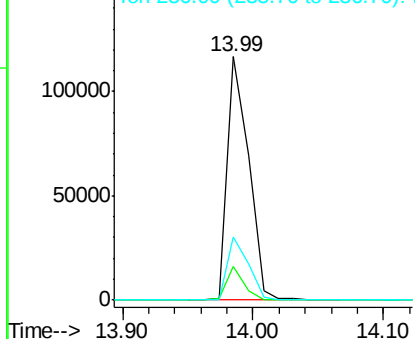


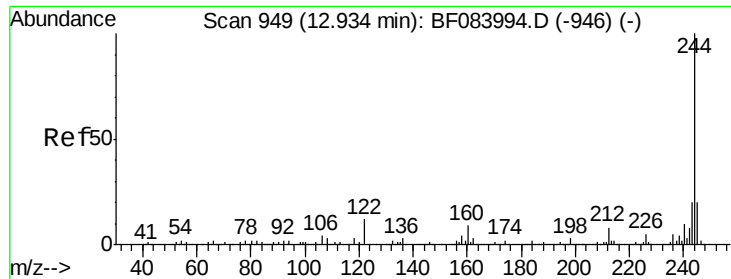
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084030.D
Acq: 23 Dec 2015 10:46

Tgt Ion:240 Resp: 132900
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.1 20.6 31.0



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

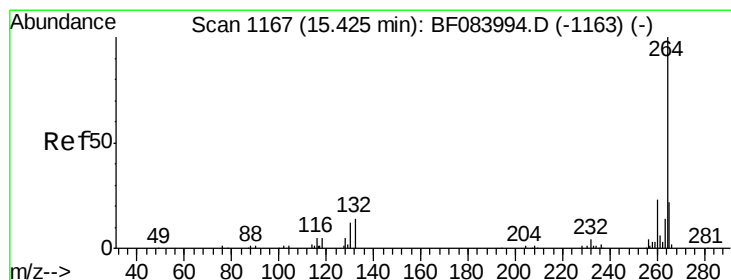
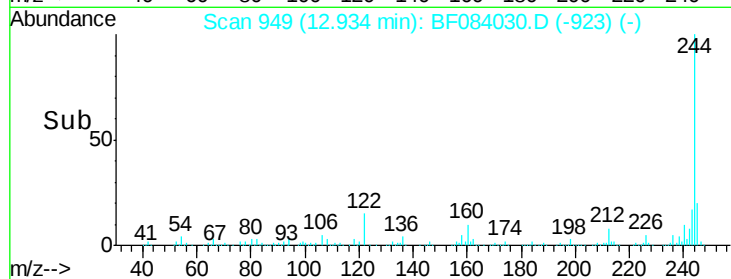
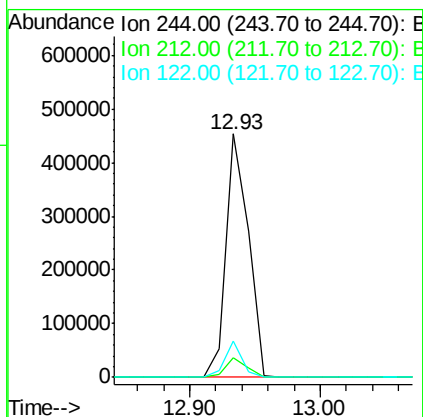
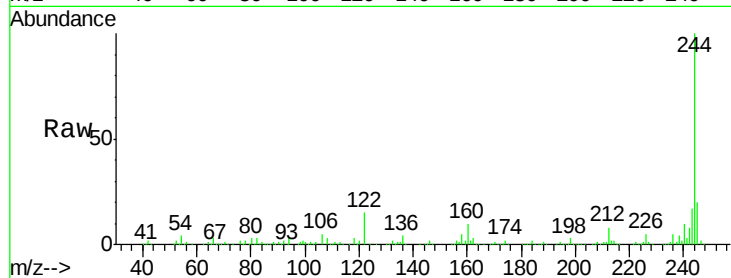




#78
 Terphenyl-d14
 Concen: 96.63 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF084030.D
 Acq: 23 Dec 2015 10:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 538503
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 14.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF084030.D
 Acq: 23 Dec 2015 10:46

Tgt Ion:264 Resp: 105315
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.1 17.8 26.6

