

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083772.D
 Acq On : 14 Dec 2015 11:36
 Operator : UM/IZ
 Sample : G4761-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:17:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

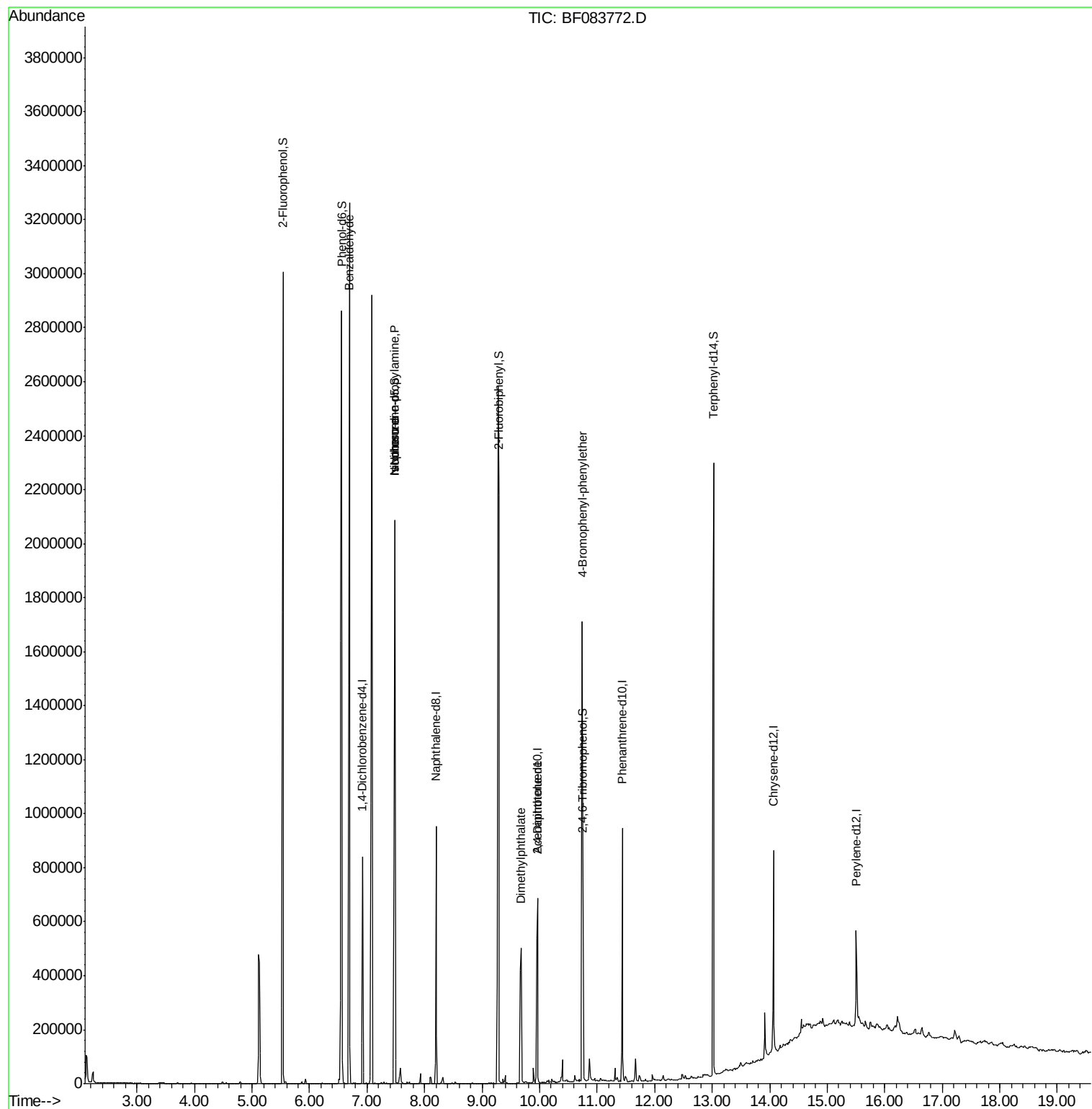
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	118047	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	412984	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	184031	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	306784	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	242606	20.00	ng	-0.01
86) Perylene-d12	15.51	264	168520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1013730	138.54	ng	0.01
7) Phenol-d6	6.56	99	1223033	131.98	ng	0.01
23) Nitrobenzene-d5	7.48	82	727143	98.51	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	252841	134.83	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1233734	106.66	ng	0.00
78) Terphenyl-d14	13.02	244	936453	83.03	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	22718	4.56	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.48	70	99947	17.61	ng	# 71
25) Isophorone	7.48	82	714242	49.32	ng	# 69
49) Dimethylphthalate	9.68	163	311773	21.73	ng	98
56) 2,4-Dinitrotoluene	9.96	165	23901	6.01	ng	# 12
66) 4-Bromophenyl-phenylether	10.74	248	16005	4.67	ng	# 1

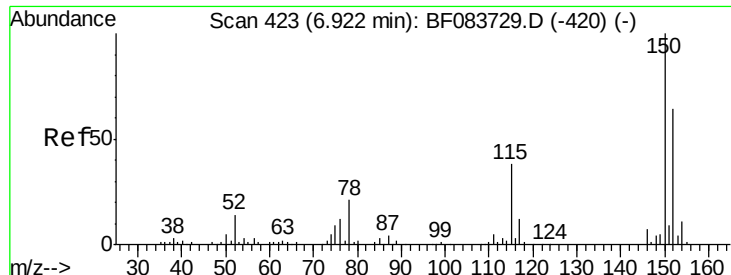
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083772.D
Acq On : 14 Dec 2015 11:36
Operator : UM/IZ
Sample : G4761-02
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 12:17:56 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Instrument :

BNA_F

ClientSampleId :

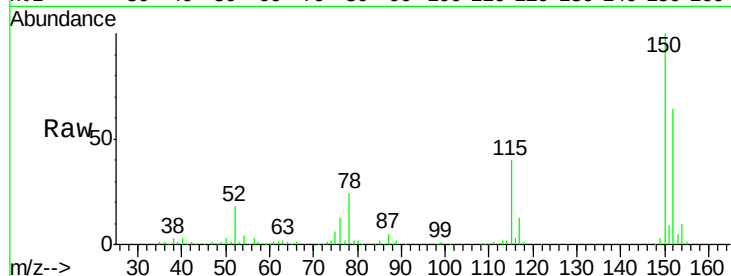
Tot Ion:152 Resp: 118047

Ion Ratio Lower Upper

152 100

150 155.3 126.5 189.7

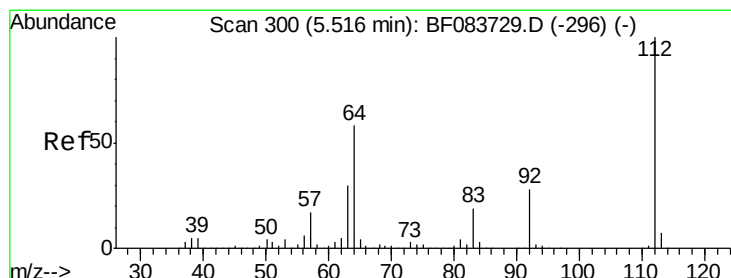
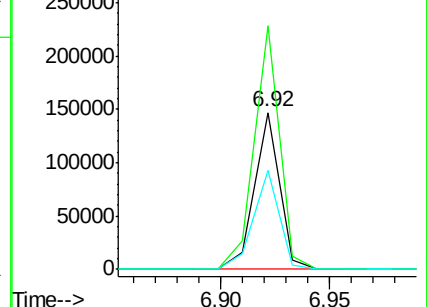
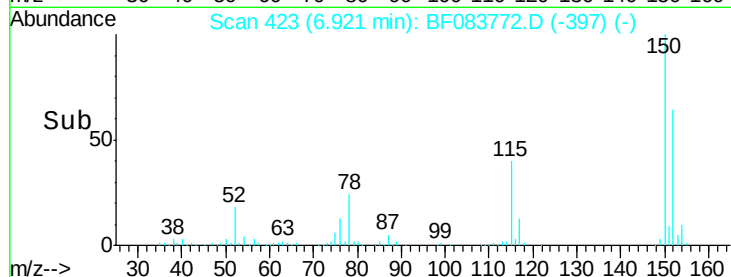
115 62.8 52.3 78.5



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: 138.54 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

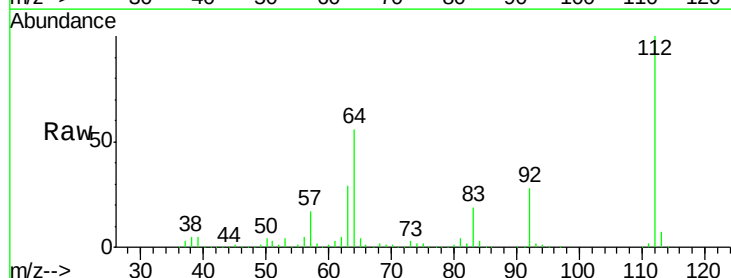
Tgt Ion:112 Resp: 1013730

Ion Ratio Lower Upper

112 100

64 55.8 50.5 75.7

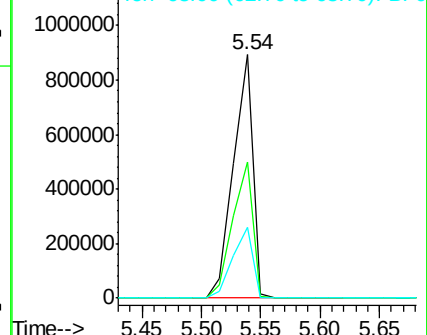
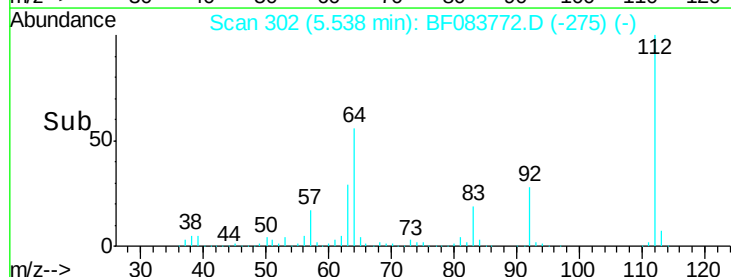
63 29.0 25.8 38.6

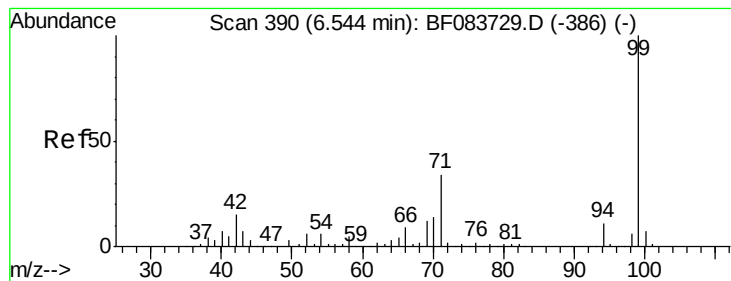


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.98 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

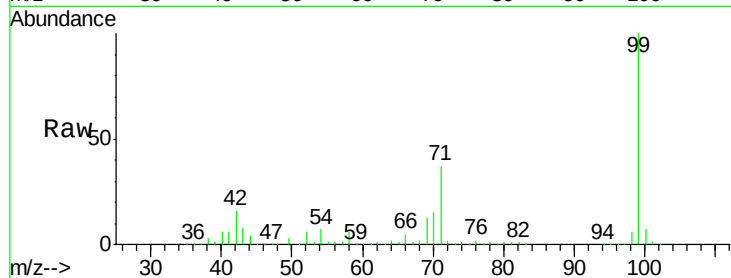
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1223033

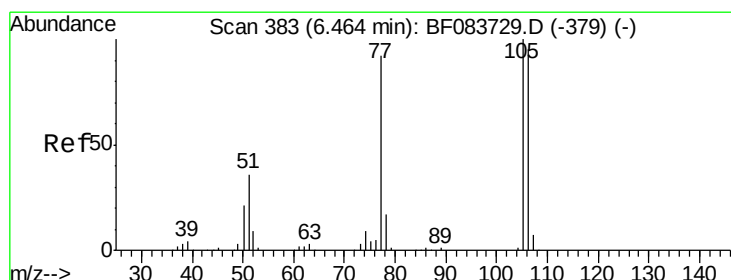
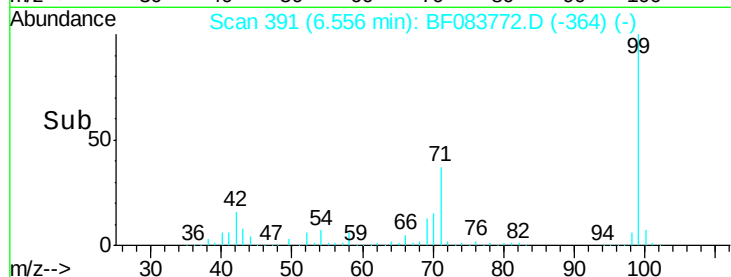
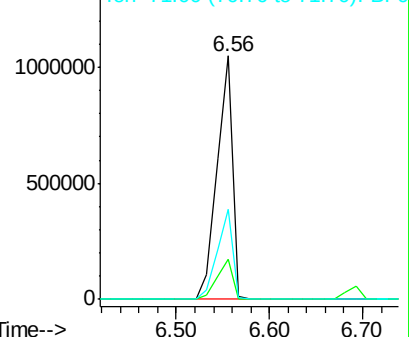
Ion	Ratio	Lower	Upper
99	100		
42	16.5	17.3	25.9#
71	36.8	26.6	40.0



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: 4.56 ng

RT: 6.69 min Scan# 403

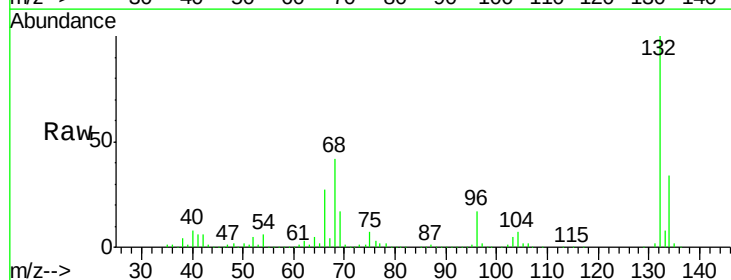
Delta R.T. 0.23 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Tgt Ion: 77 Resp: 22718

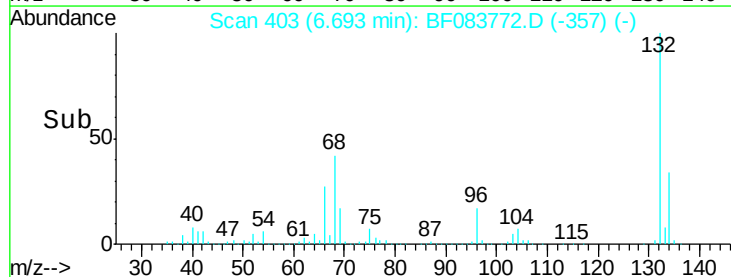
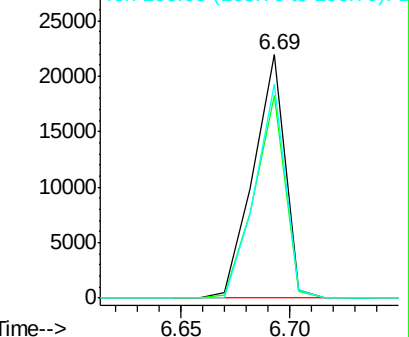
Ion	Ratio	Lower	Upper
77	100		
105	83.3	71.8	111.8
106	88.1	66.8	106.8

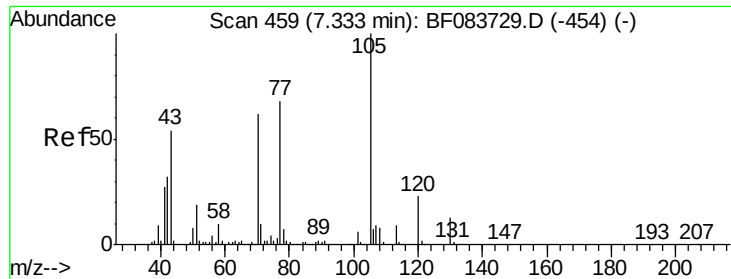


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

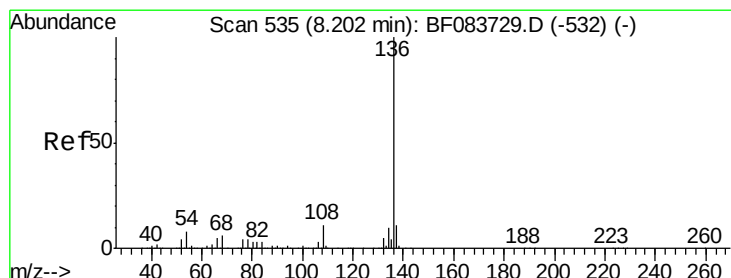
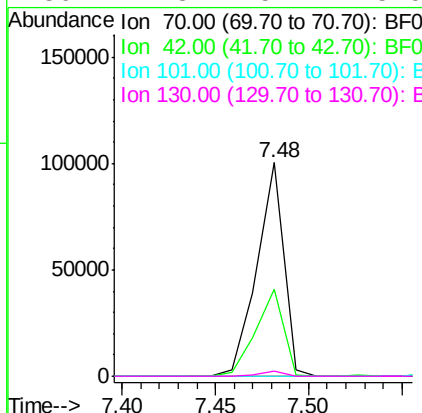
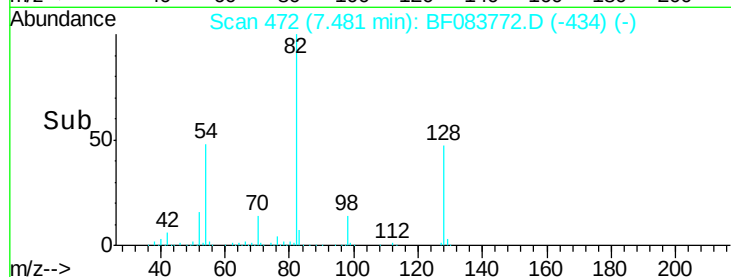
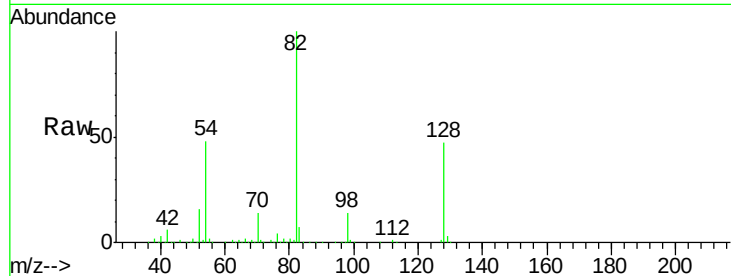




#19
n-Nitroso-di-n-propylamine
Concen: 17.61 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

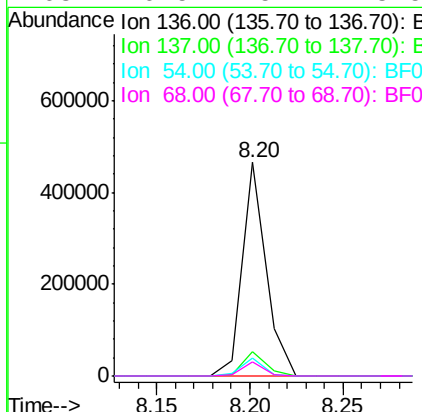
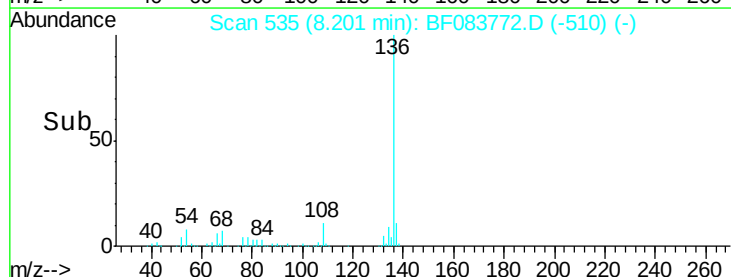
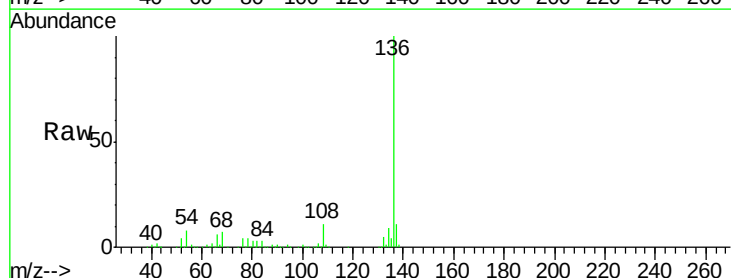
Instrument :
BNA_F
ClientSampleId :

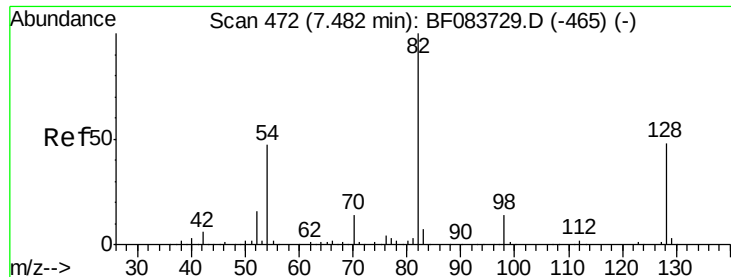
Tot Ion: 70 Resp: 99947
Ion Ratio Lower Upper
70 100
42 40.7 49.2 73.8#
101 0.0 7.1 10.7#
130 2.3 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Tgt Ion: 136 Resp: 412984
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 8.1 7.8 11.6
68 6.5 5.7 8.5

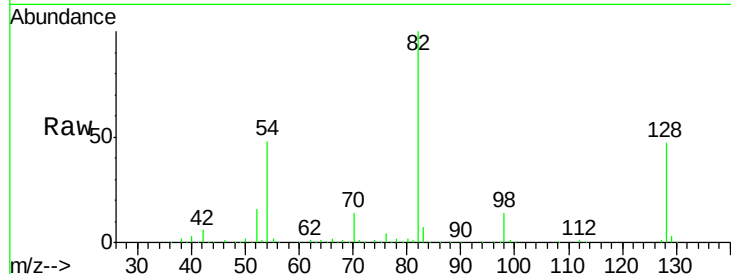




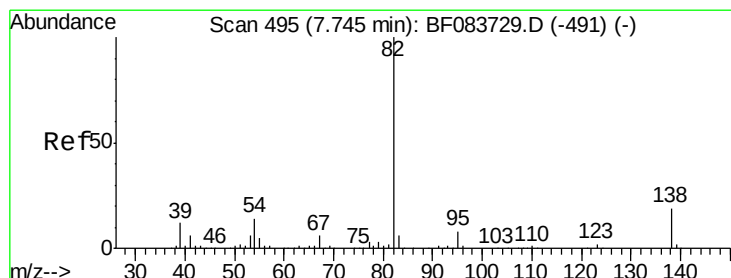
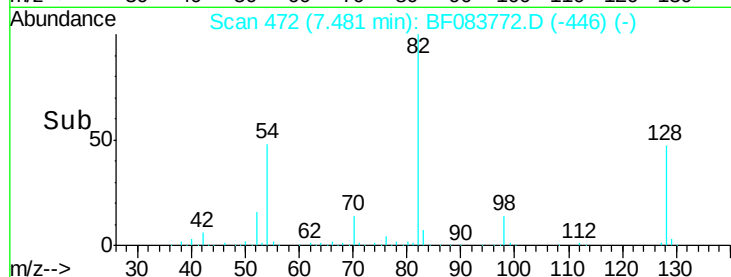
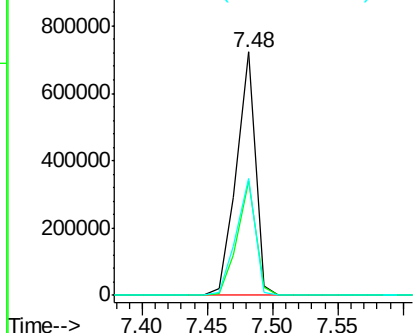
#23
Nitrobenzene-d5
Concen: 98.51 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	727143
Ion Ratio	100	Lower	Upper
82	100		
128	46.8	30.7	46.1#
54	48.0	42.5	63.7

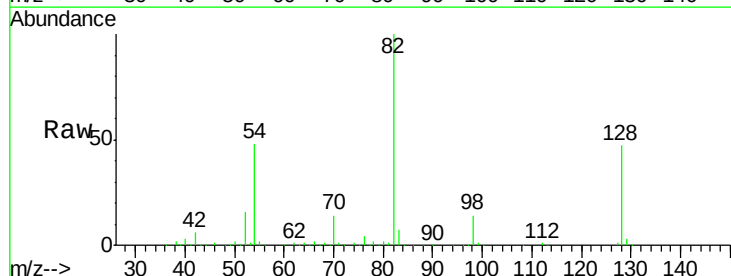


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

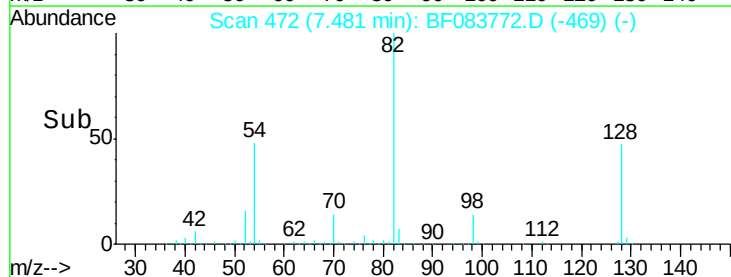
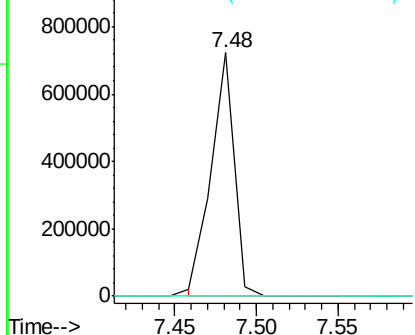


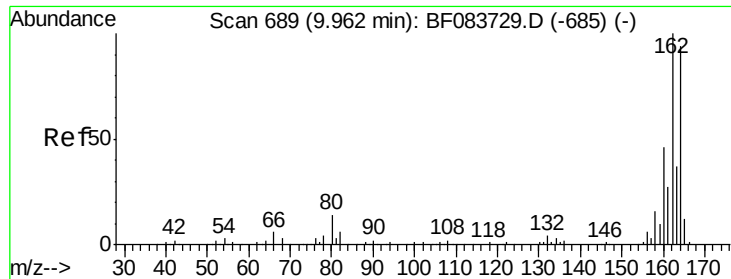
#25
Isophorone
Concen: 49.32 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.26 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Tgt Ion	82	Resp	714242
Ion Ratio	100	Lower	Upper
82	100		
95	0.0	5.0	7.4#
138	0.0	12.1	18.1#



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: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

Instrument :

BNA_F

ClientSampleId :

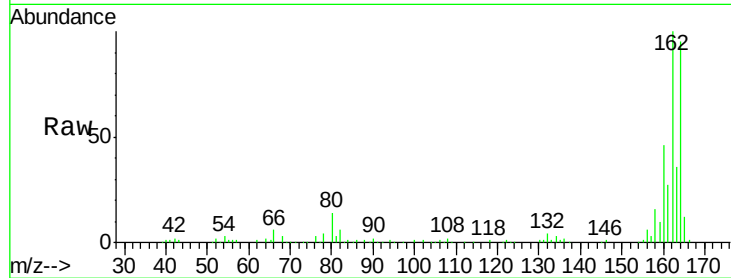
Tot Ion:164 Resp: 184031

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

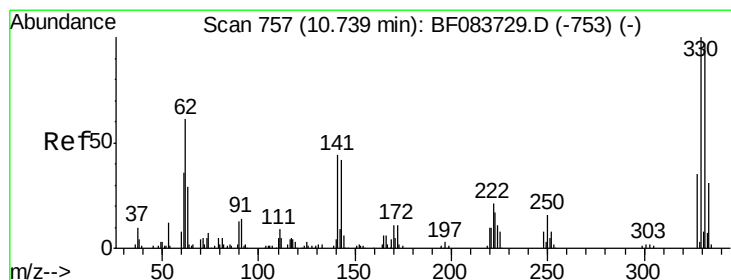
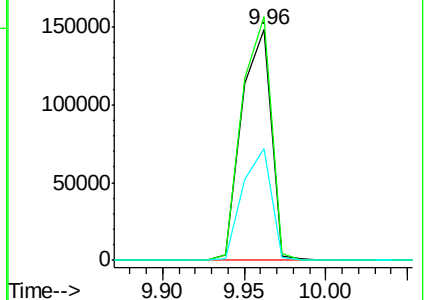
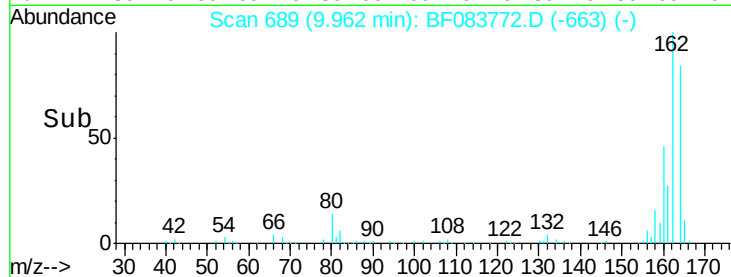
160 48.6 33.4 50.2



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: 134.83 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083772.D

Acq: 14 Dec 2015 11:36

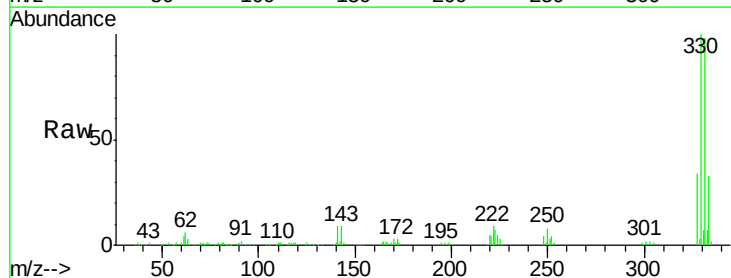
Tgt Ion:330 Resp: 252841

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

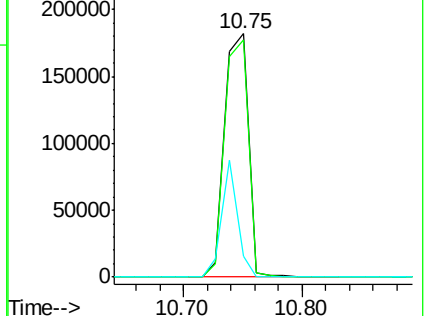
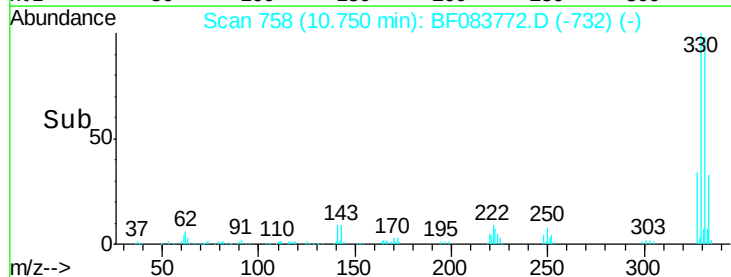
141 32.4 0.0 0.0#

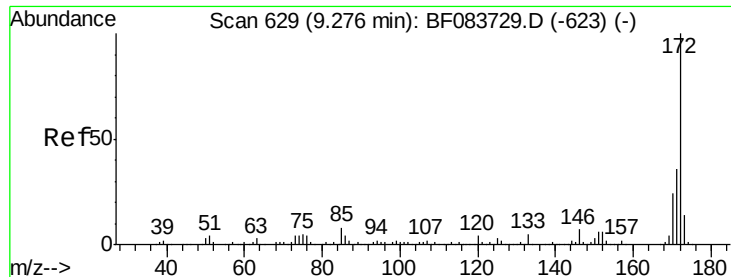


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

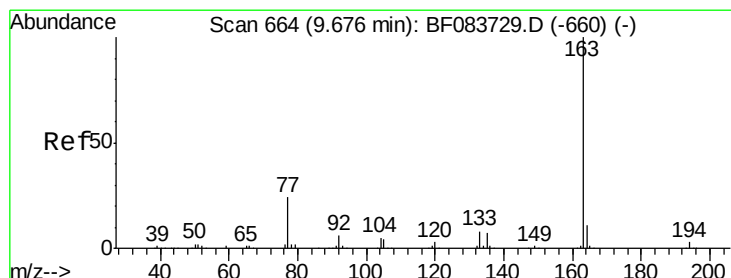
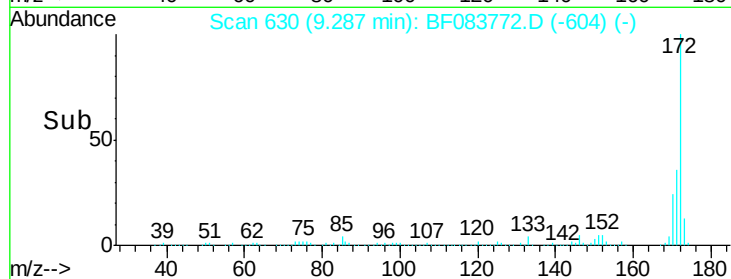
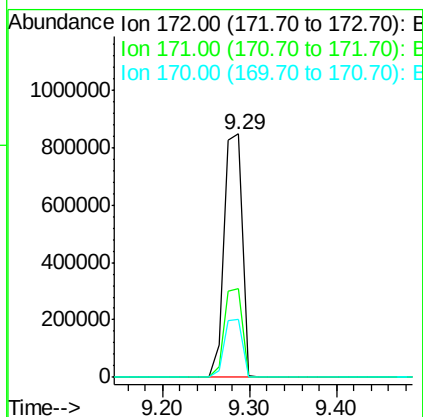
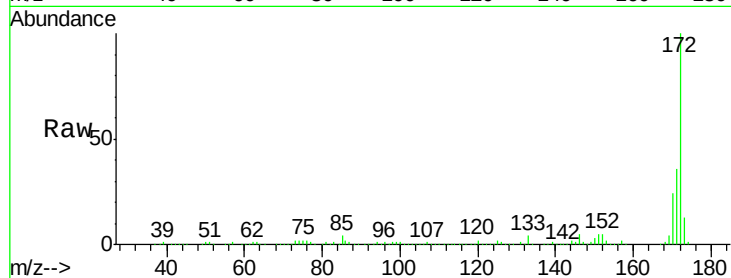




#44
2-Fluorobiphenyl
Concen: 106.66 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

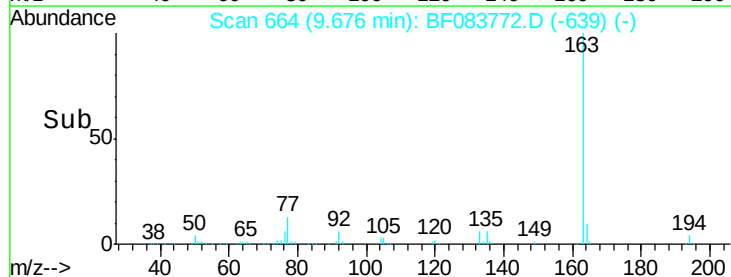
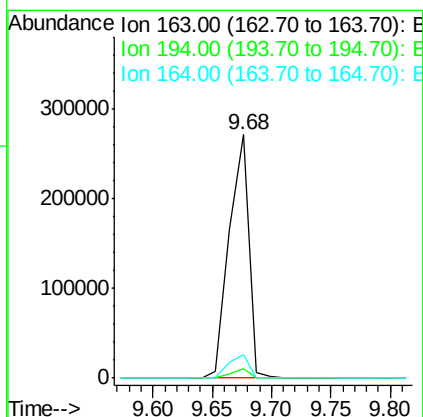
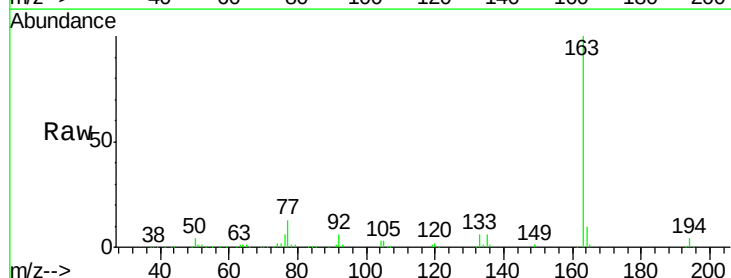
Instrument :
BNA_F
ClientSampleId :

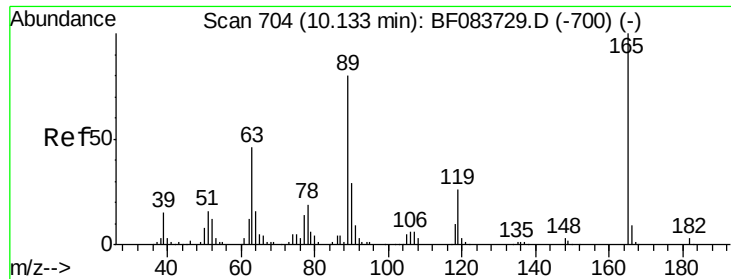
Tot Ion:172 Resp: 1233734
Ion Ratio Lower Upper
172 100
171 36.4 28.6 42.8
170 23.8 19.4 29.0



#49
Dimethylphthalate
Concen: 21.73 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Tgt Ion:163 Resp: 311773
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.6 8.6 13.0

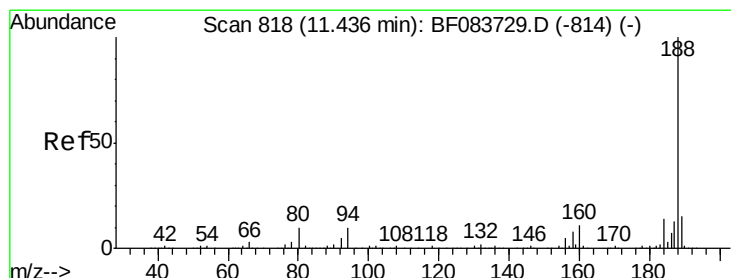
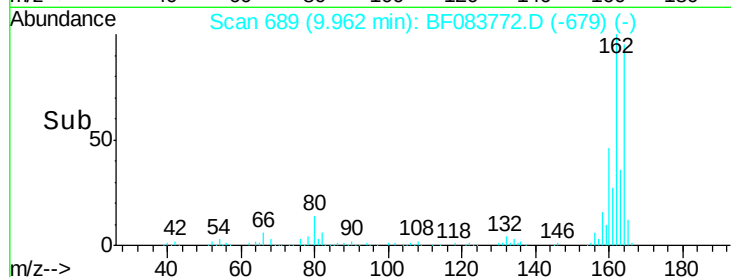
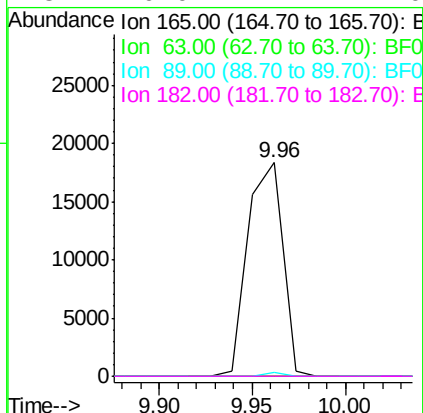
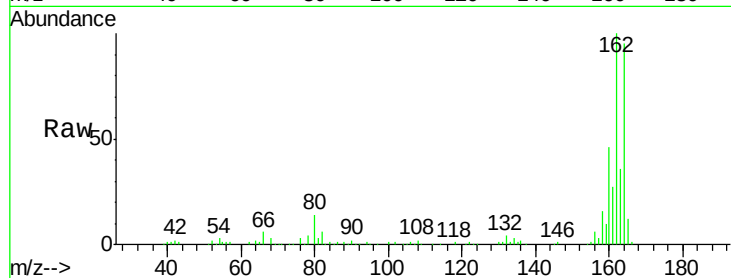




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.18 min
 Lab File: BF083772.D
 Acq: 14 Dec 2015 11:36

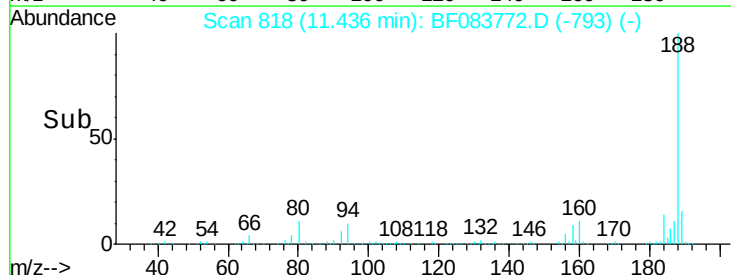
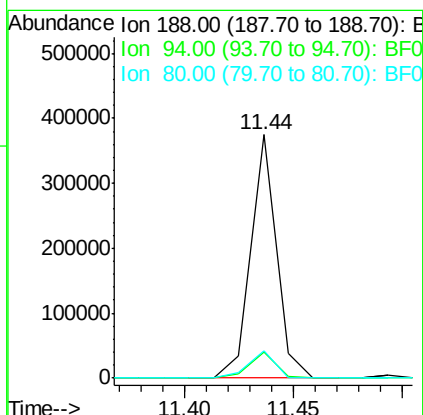
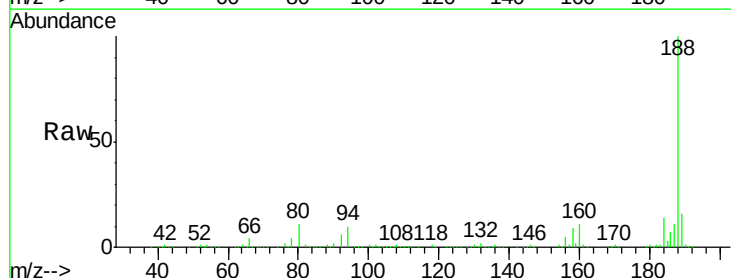
Instrument :
 BNA_F
 ClientSampleId :

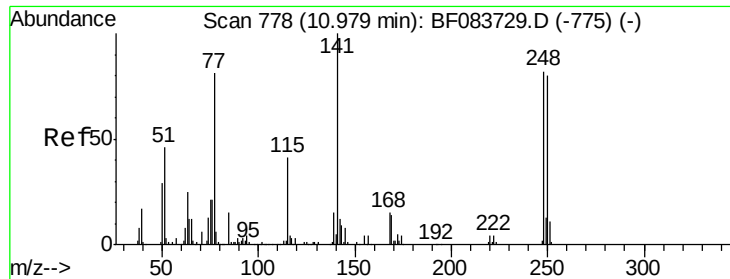
Tot Ion:165 Resp: 23901
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.2#
 89 2.0 72.6 108.8#
 182 0.0 1.4 2.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083772.D
 Acq: 14 Dec 2015 11:36

Tgt Ion:188 Resp: 306784
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.2 10.6 16.0

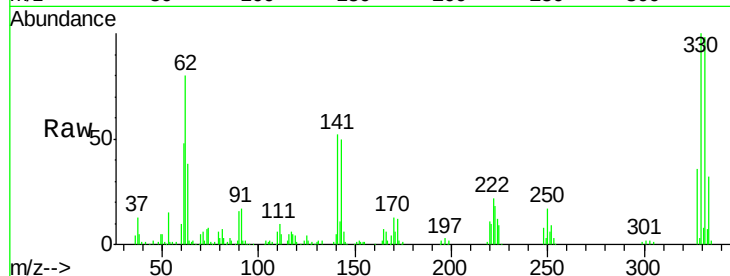




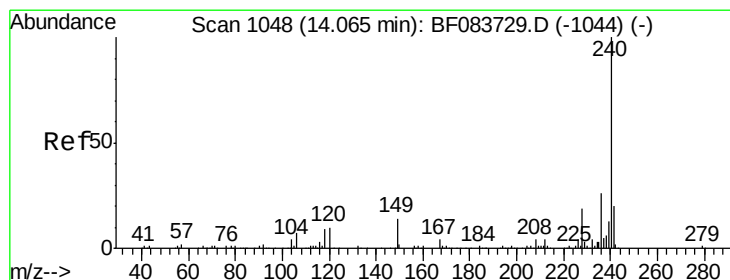
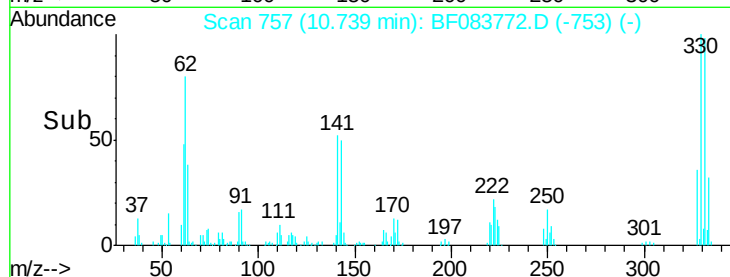
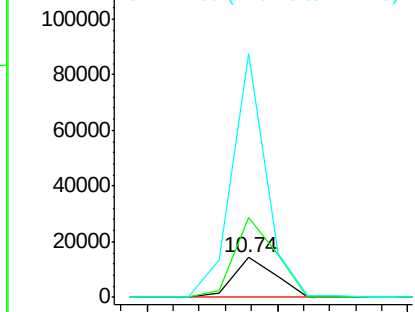
#66
4-Bromophenyl-phenylether
Concen: 4.67 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16005
Ion Ratio Lower Upper
248 100
250 199.7 79.2 118.8#
141 611.9 58.2 87.4#

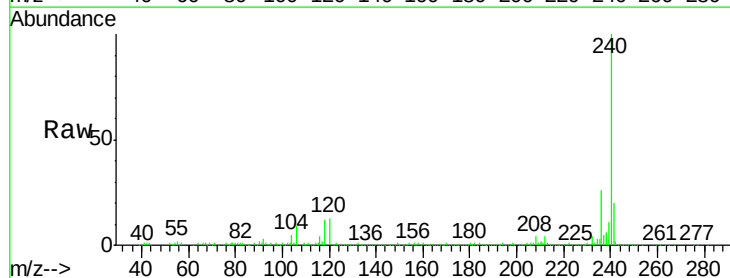


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

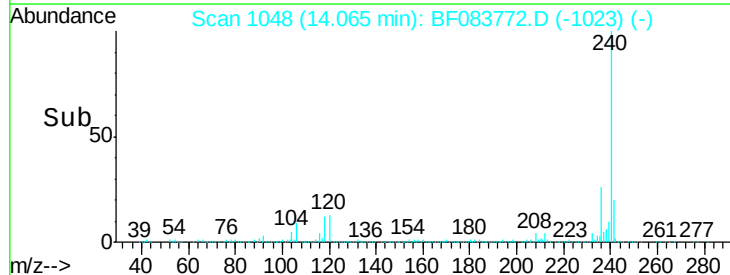
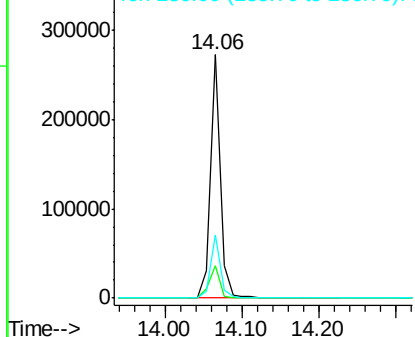


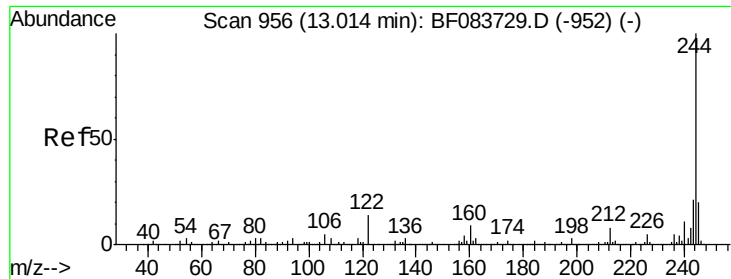
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083772.D
Acq: 14 Dec 2015 11:36

Tgt Ion:240 Resp: 242606
Ion Ratio Lower Upper
240 100
120 13.1 8.1 12.1#
236 25.8 20.8 31.2



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

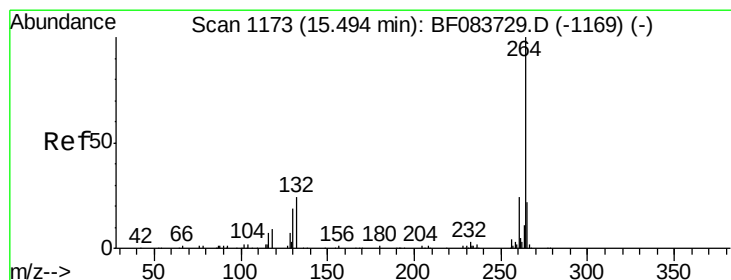
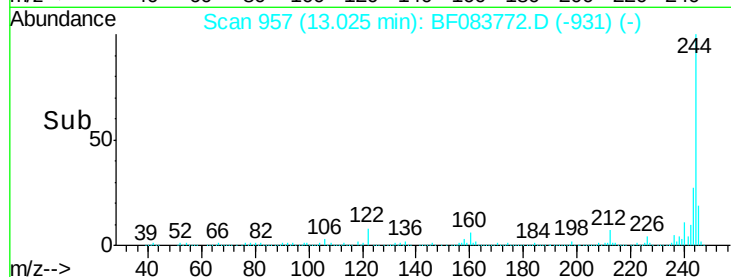
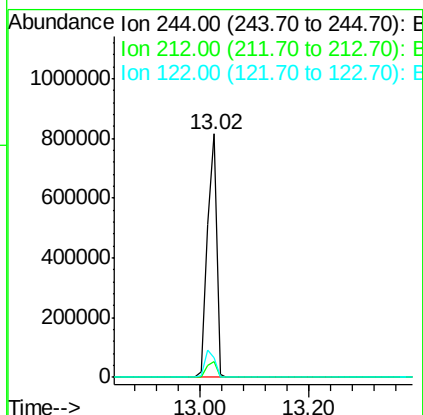
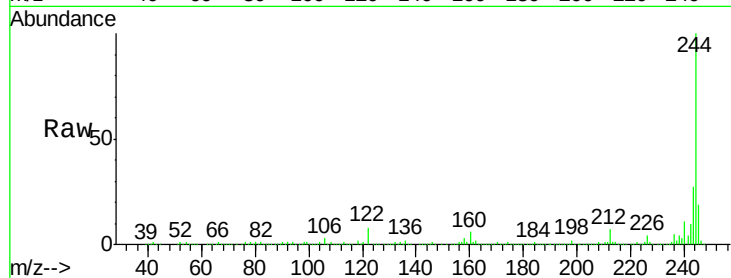




#78
 Terphenyl-d14
 Concen: 83.03 ng
 RT: 13.02 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF083772.D
 Acq: 14 Dec 2015 11:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 936453
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 8.2 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF083772.D
 Acq: 14 Dec 2015 11:36

Tgt Ion:264 Resp: 168520
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 21.5 17.8 26.6

