

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121415\
 Data File : BF083778.D
 Acq On : 14 Dec 2015 19:33
 Operator : UM/IZ
 Sample : PB87254TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Quant Time: Dec 15 02:21:09 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

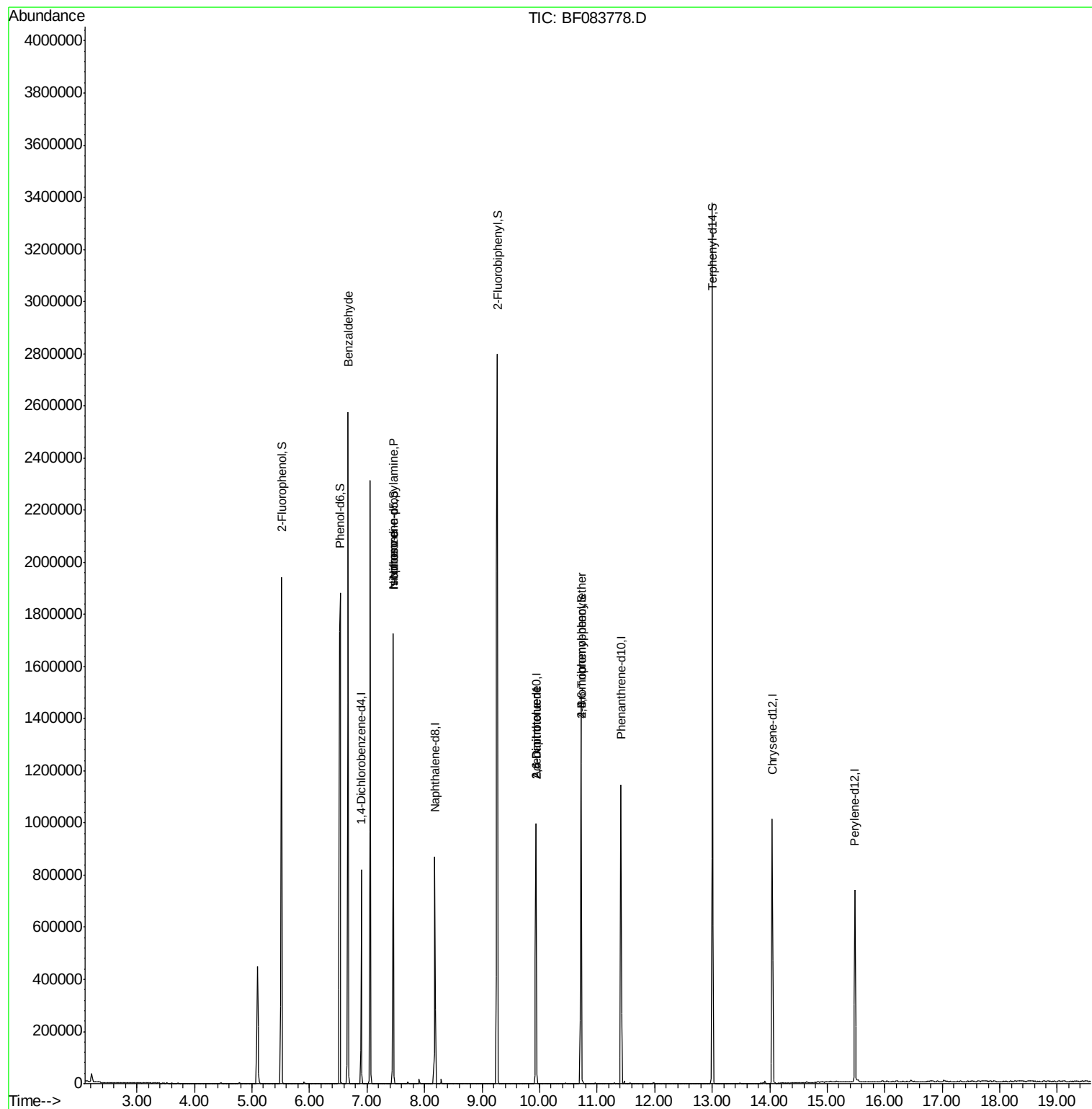
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116409	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	440271	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	229884	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	409724	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	391922	20.00	ng	-0.03
86) Perylene-d12	15.48	264	319454	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	840908	116.54	ng	-0.01
7) Phenol-d6	6.53	99	1062962	116.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	632390	80.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	293757	125.40	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1226795	75.64	ng	-0.02
78) Terphenyl-d14	13.00	244	1090464	59.85	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	18696	3.81	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.46	70	87056	15.56	ng	# 69
25) Isophorone	7.46	82	620624	40.20	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	29218	7.68	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	29219	5.88	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	18619	4.06	ng	# 1

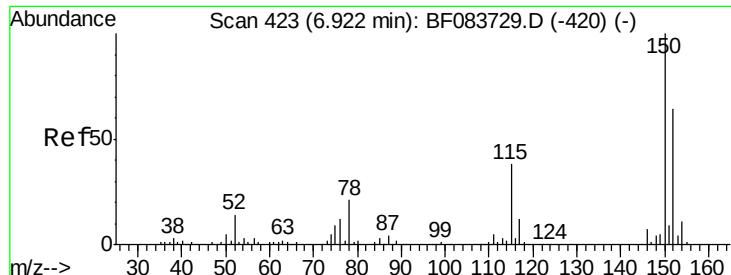
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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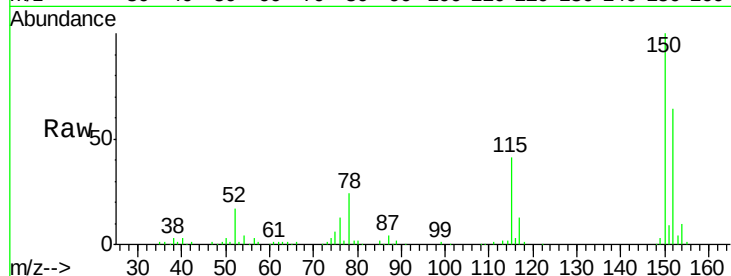


#1

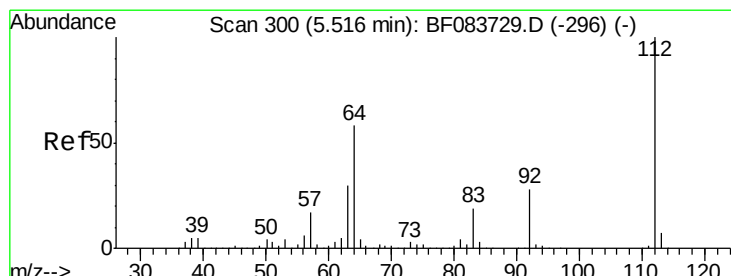
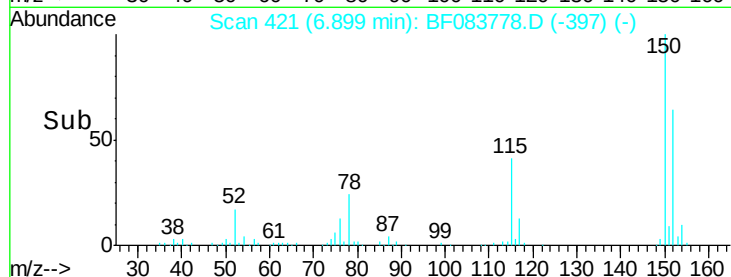
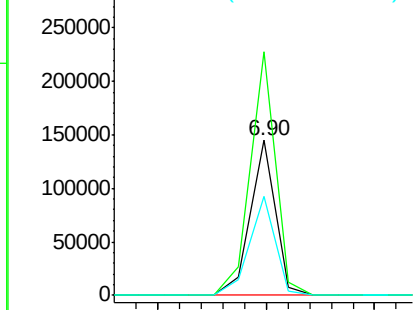
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Tgt Ion:152 Resp: 116409
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.5 189.7
 115 63.8 52.3 78.5



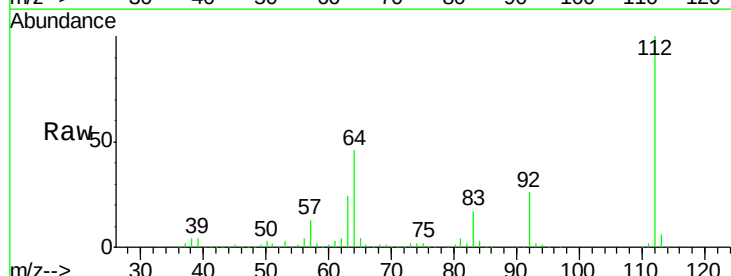
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



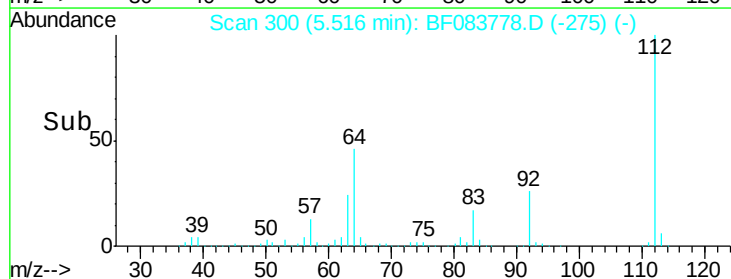
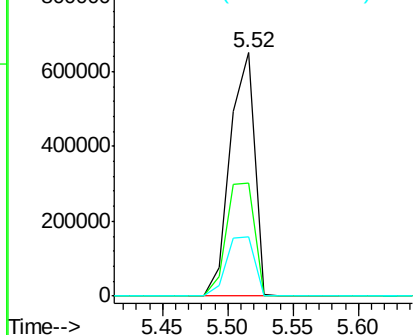
#5

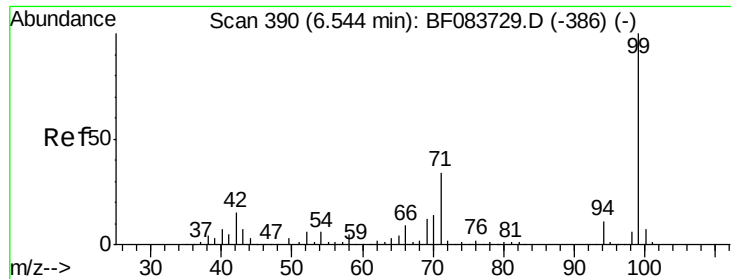
2-Fluorophenol
 Concen: 116.54 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Tgt Ion:112 Resp: 840908
 Ion Ratio Lower Upper
 112 100
 64 46.2 50.5 75.7#
 63 24.2 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: 116.32 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB87254TB

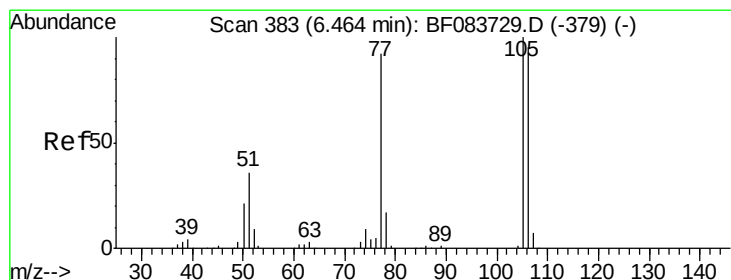
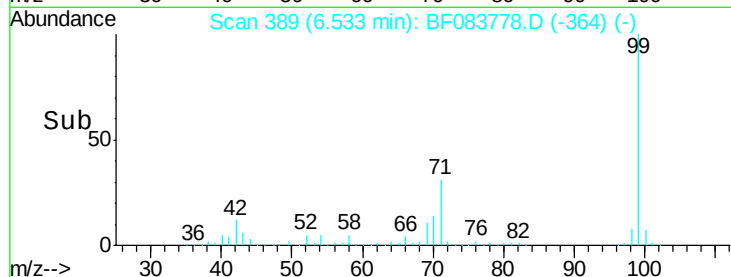
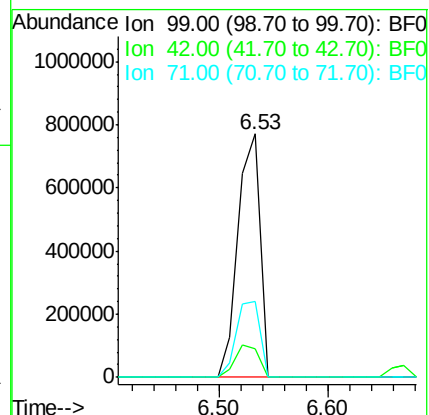
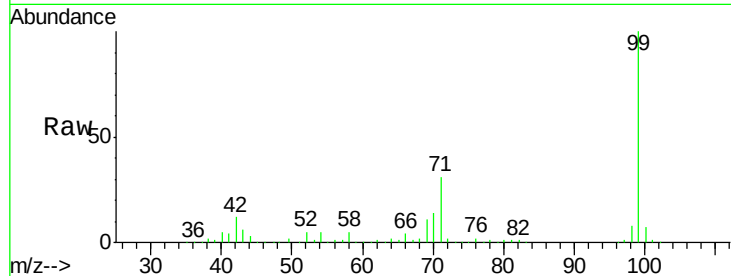
Tgt Ion: 99 Resp: 1062962

Ion Ratio Lower Upper

99 100

42 11.6 17.3 25.9#

71 31.0 26.6 40.0



#9

Benzaldehyde

Concen: 3.81 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

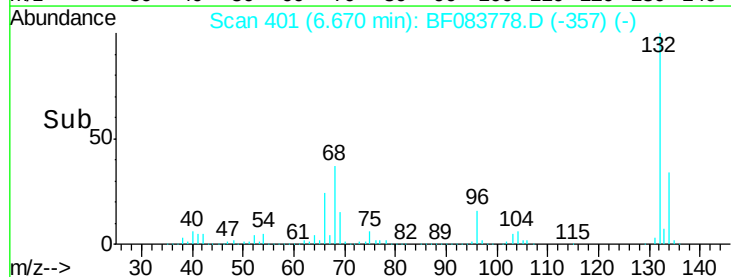
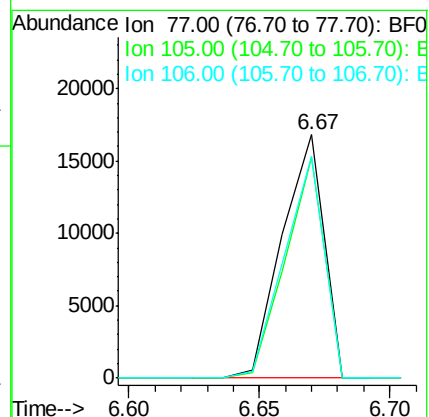
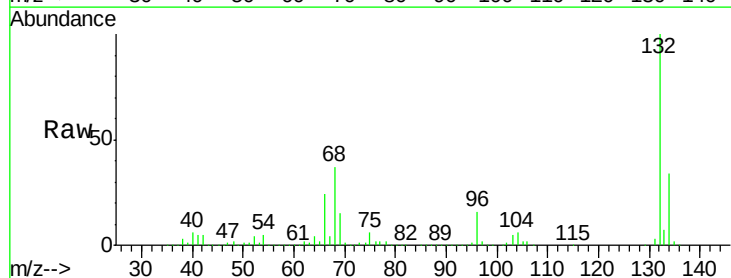
Tgt Ion: 77 Resp: 18696

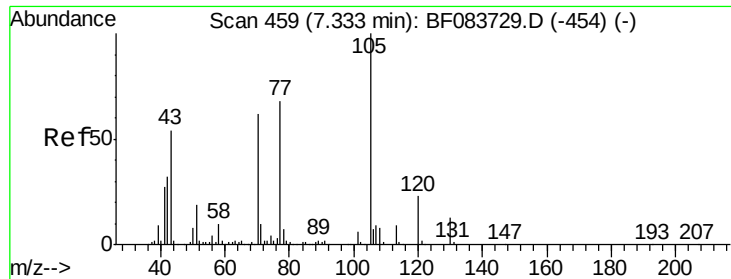
Ion Ratio Lower Upper

77 100

105 90.6 71.8 111.8

106 91.2 66.8 106.8

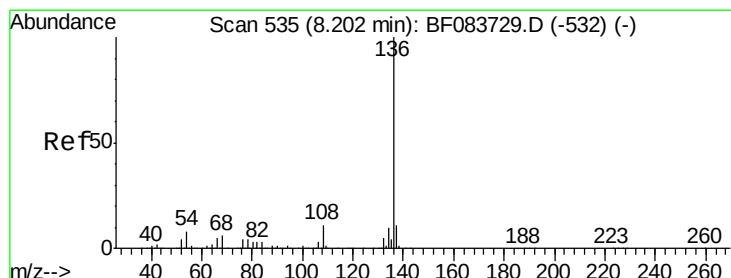
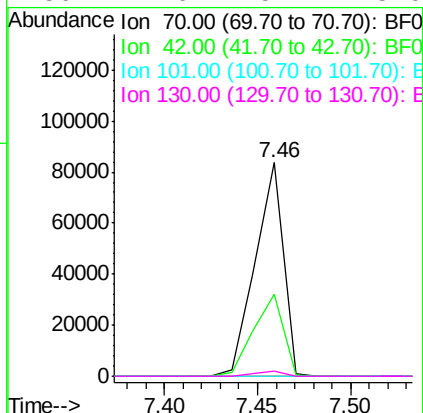
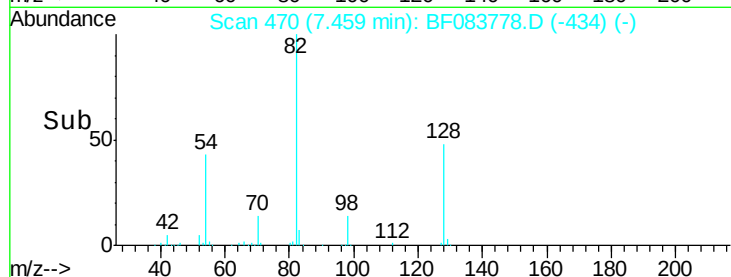
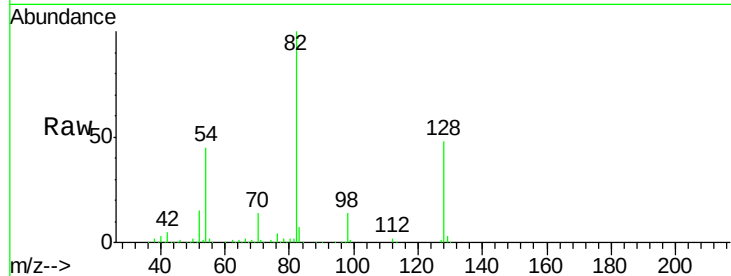




#19
n-Nitroso-di-n-propylamine
Concen: 15.56 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083778.D
Acq: 14 Dec 2015 19:33

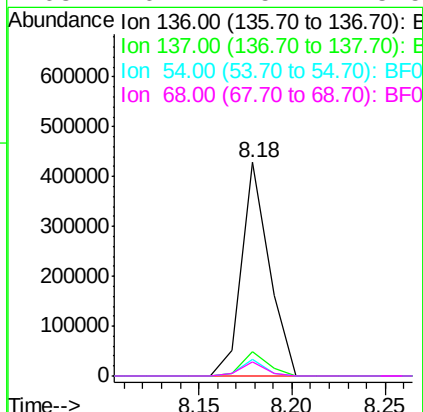
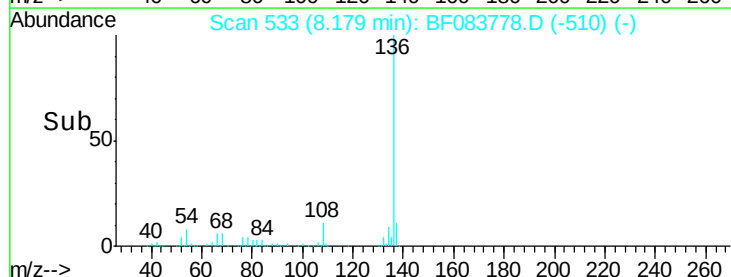
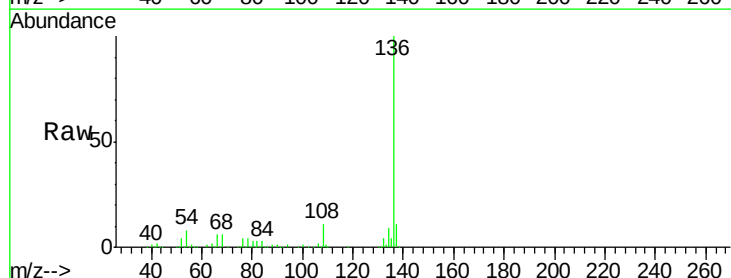
Instrument :
BNA_F
ClientSampleId :
PB87254TB

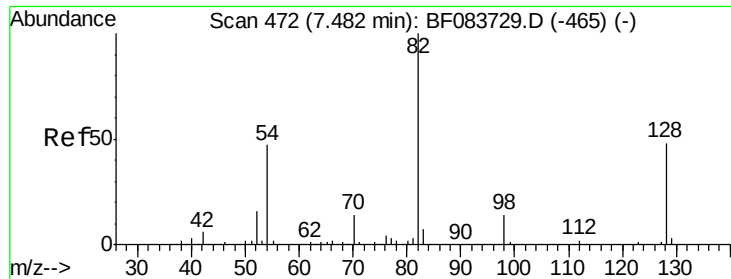
Tgt Ion: 70 Resp: 87056
Ion Ratio Lower Upper
70 100
42 38.6 49.2 73.8#
101 0.0 7.1 10.7#
130 2.6 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083778.D
Acq: 14 Dec 2015 19:33

Tgt Ion: 136 Resp: 440271
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 7.9 7.8 11.6
68 6.4 5.7 8.5

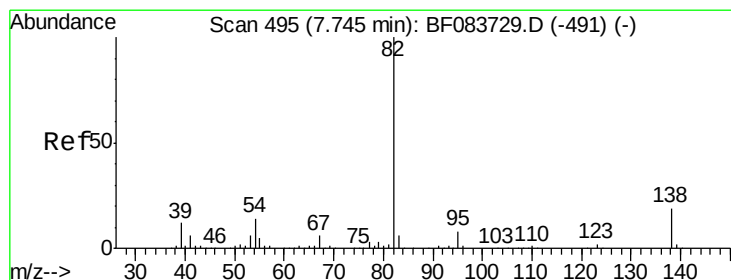
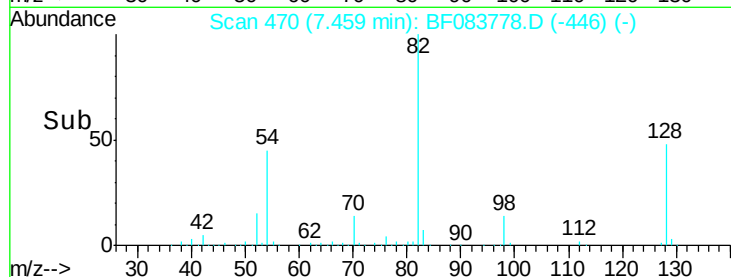
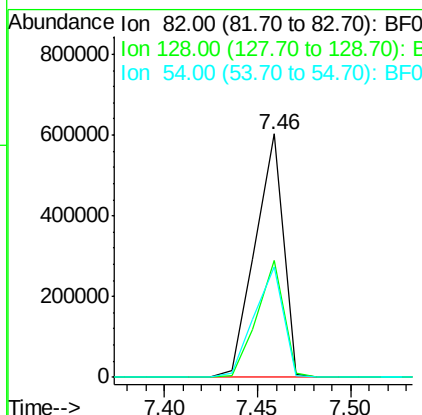
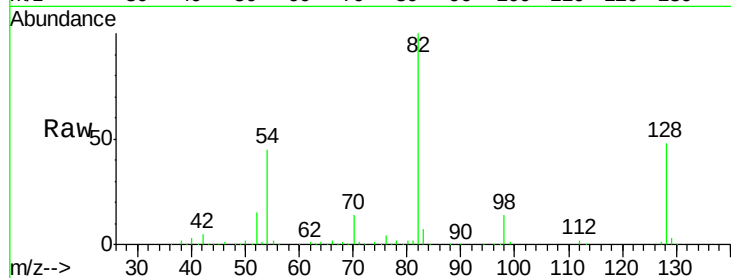




#23
 Nitrobenzene-d5
 Concen: 80.36 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

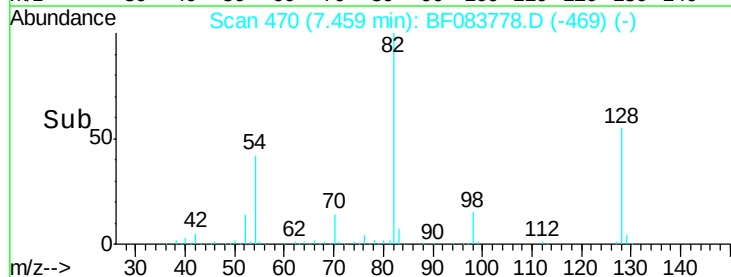
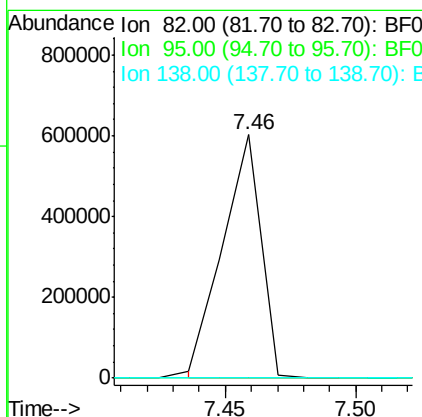
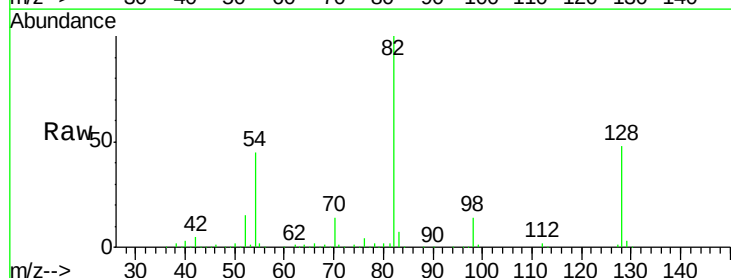
Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

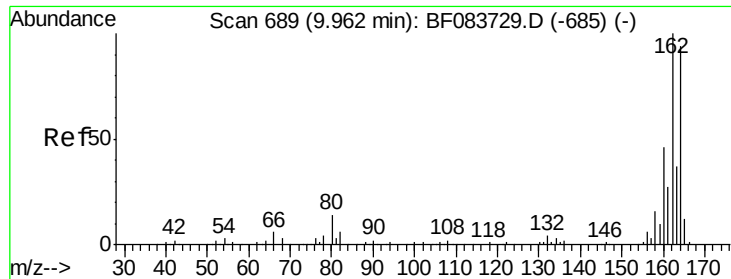
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.8	30.7	46.1#
54	45.4	42.5	63.7



#25
 Isophorone
 Concen: 40.20 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Instrument :

BNA_F

ClientSampleId :

PB87254TB

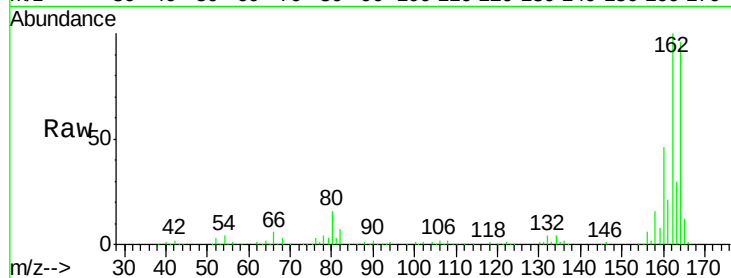
Tgt Ion:164 Resp: 229884

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

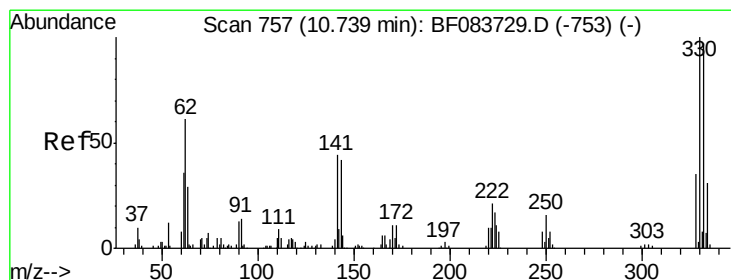
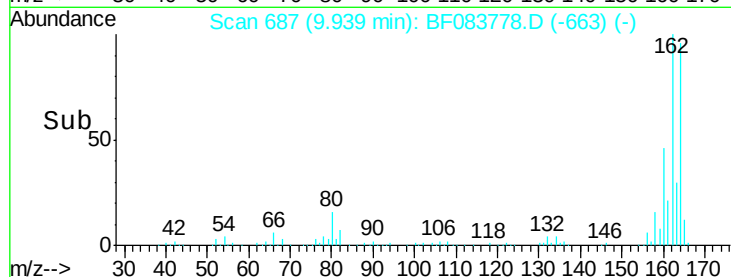
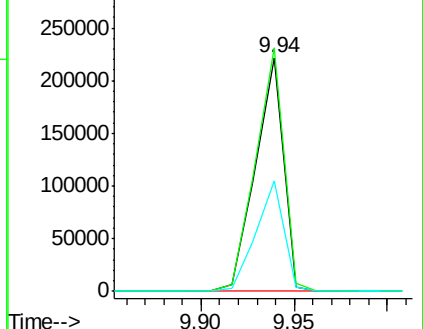
160 47.5 33.4 50.2



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: 125.40 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

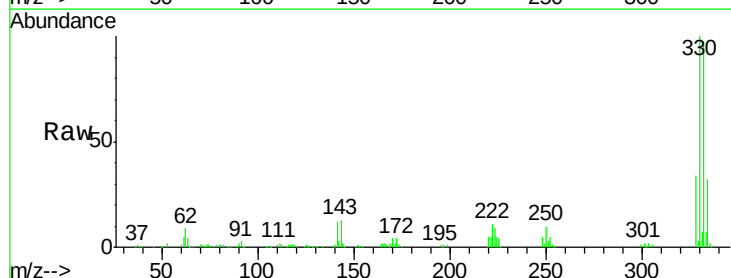
Tgt Ion:330 Resp: 293757

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

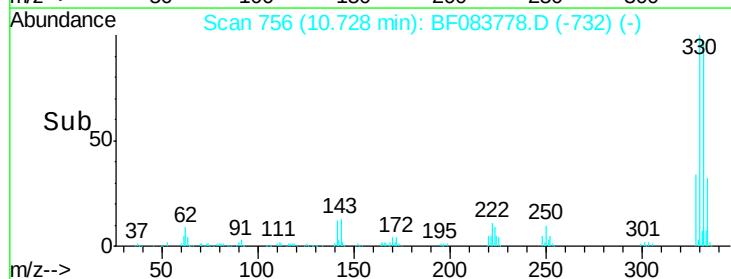
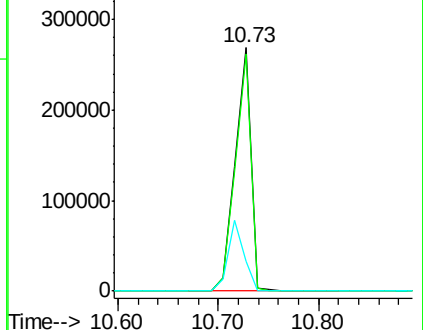
141 29.4 0.0 0.0#

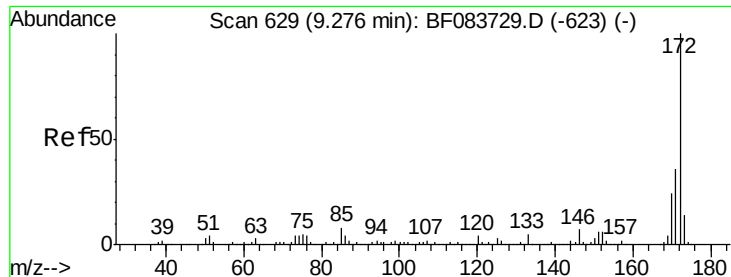


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

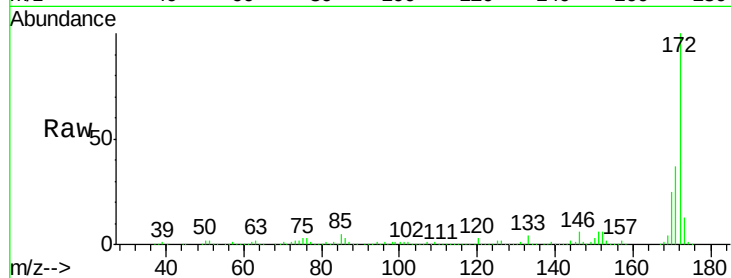




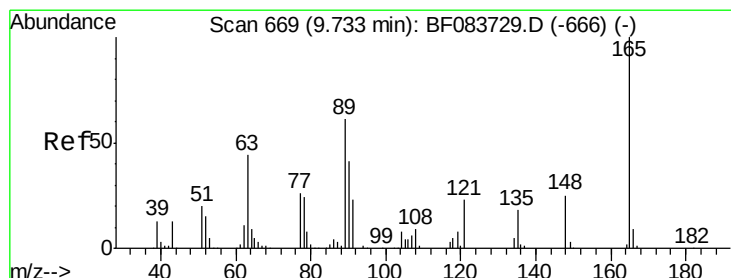
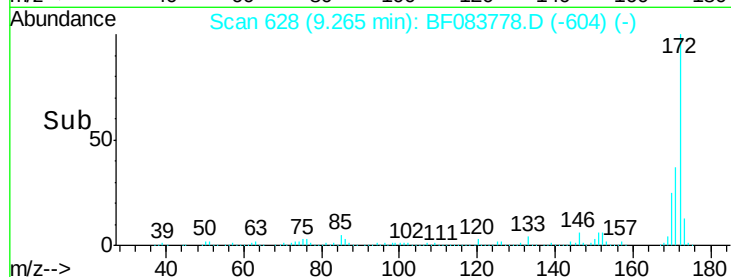
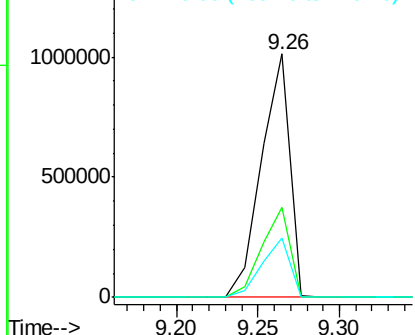
#44
 2-Fluorobiphenyl
 Concen: 75.64 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Tgt Ion:172 Resp: 1226795
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.6 19.4 29.0

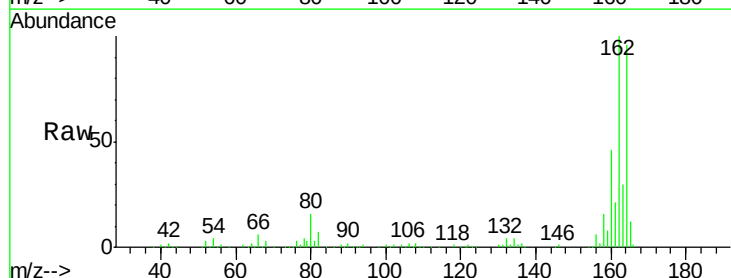


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

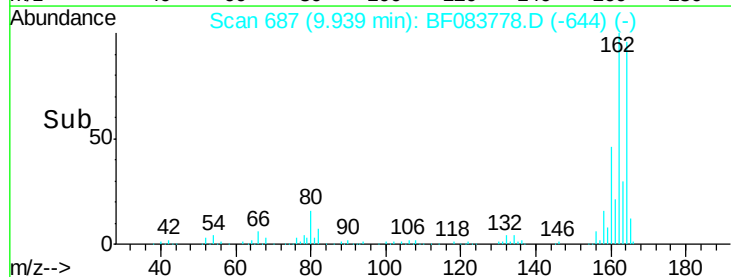
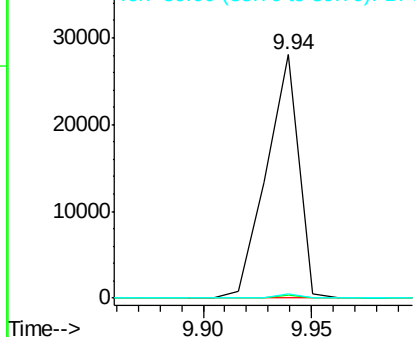


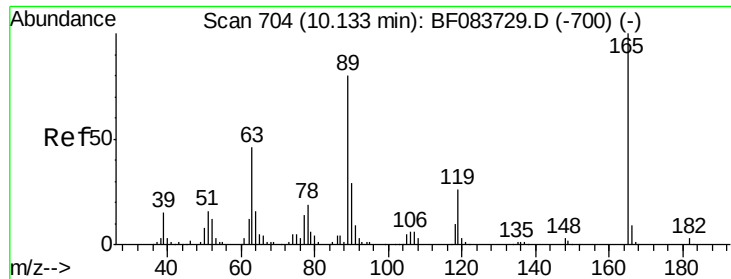
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.20 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Tgt Ion:165 Resp: 29218
 Ion Ratio Lower Upper
 165 100
 63 1.1 56.9 85.3#
 89 1.5 52.1 78.1#



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: 5.88 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

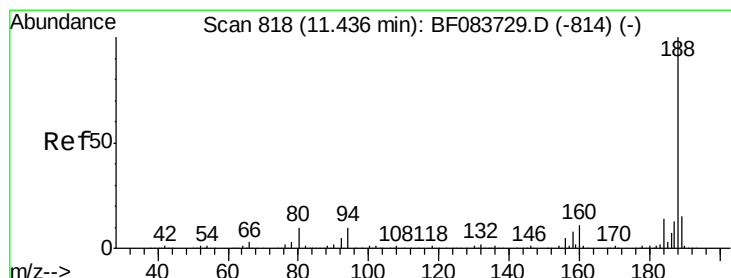
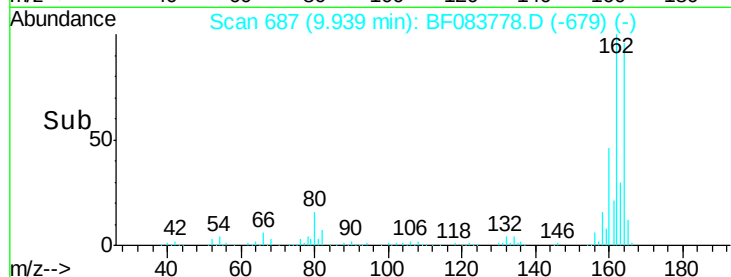
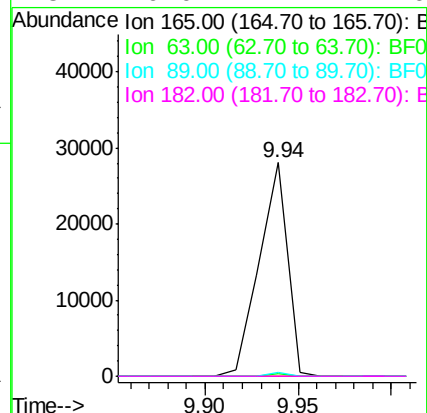
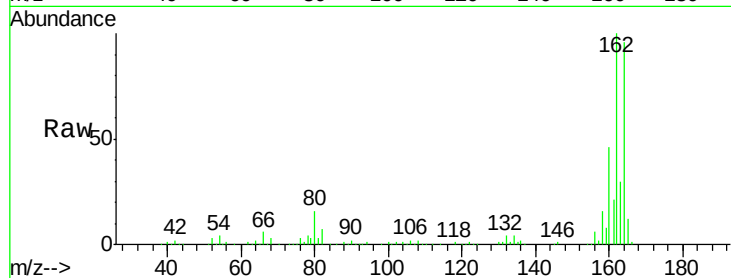
Instrument :

BNA_F

ClientSampleId :

PB87254TB

Tgt Ion:	165	Resp:	29219
Ion	Ratio	Lower	Upper
165	100		
63	1.1	51.4	77.2#
89	1.5	72.6	108.8#
182	0.0	1.4	2.0#



#63

Phenanthrene-d10

Concen: 20.00 ng

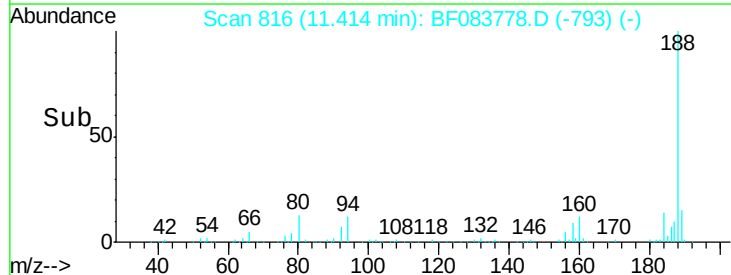
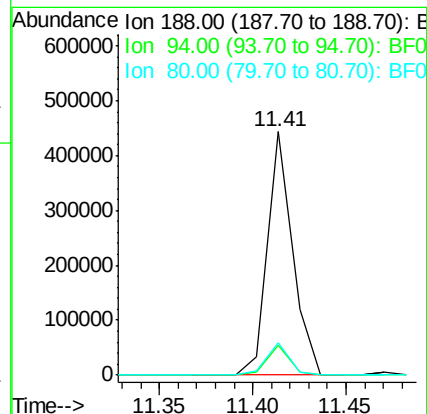
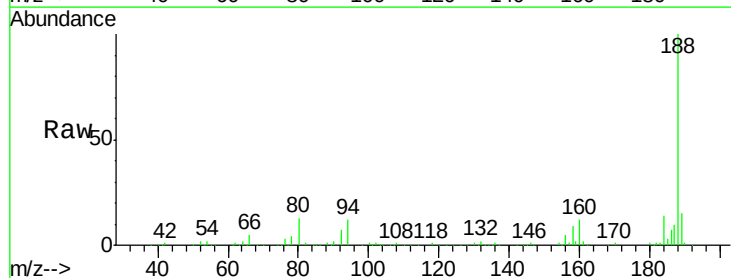
RT: 11.41 min Scan# 816

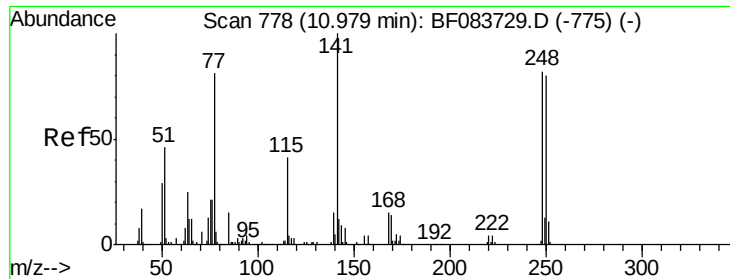
Delta R.T. -0.03 min

Lab File: BF083778.D

Acq: 14 Dec 2015 19:33

Tgt Ion:	188	Resp:	409724
Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	13.4	10.6	16.0

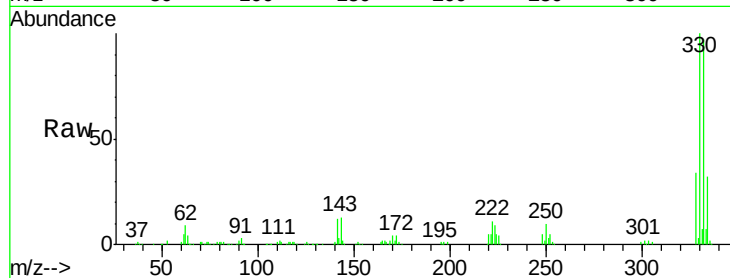




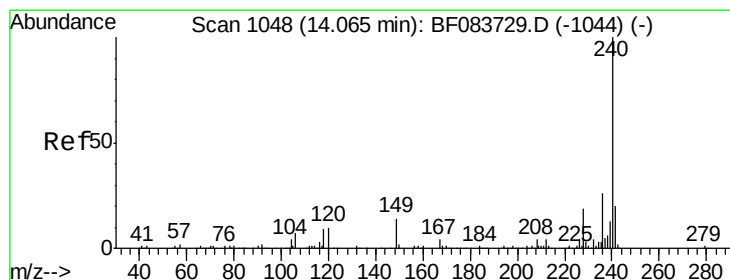
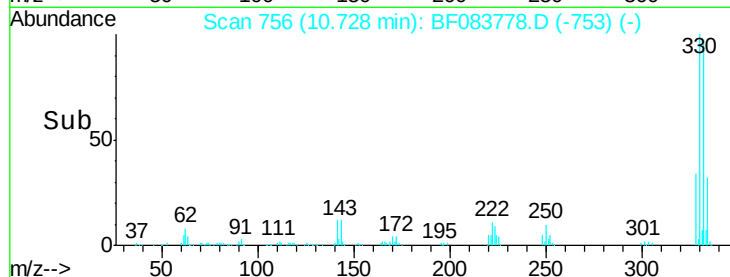
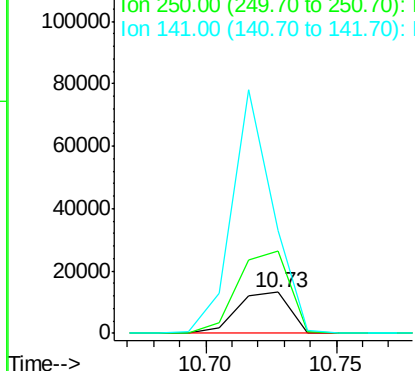
#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Tgt Ion:248 Resp: 18619
 Ion Ratio Lower Upper
 248 100
 250 201.7 79.2 118.8#
 141 251.8 58.2 87.4#

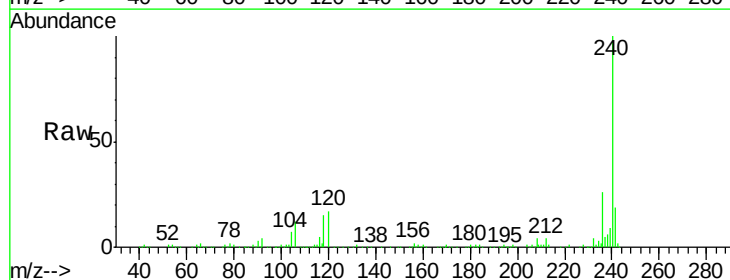


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

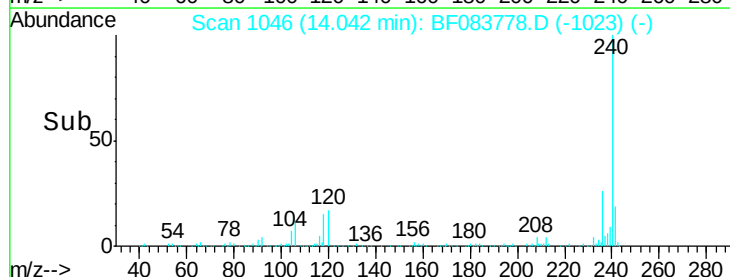
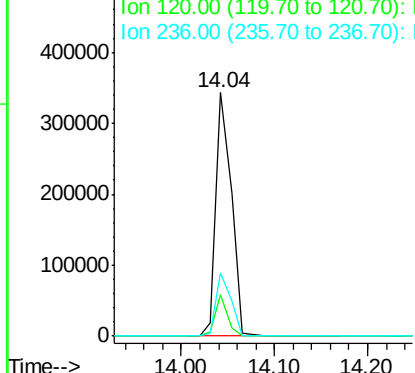


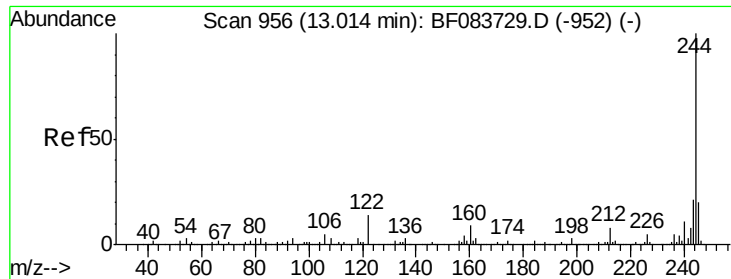
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Tgt Ion:240 Resp: 391922
 Ion Ratio Lower Upper
 240 100
 120 16.8 8.1 12.1#
 236 25.9 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

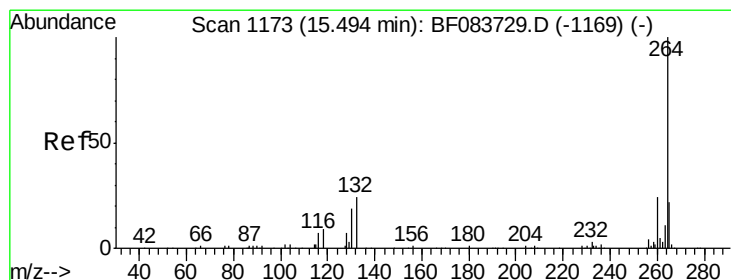
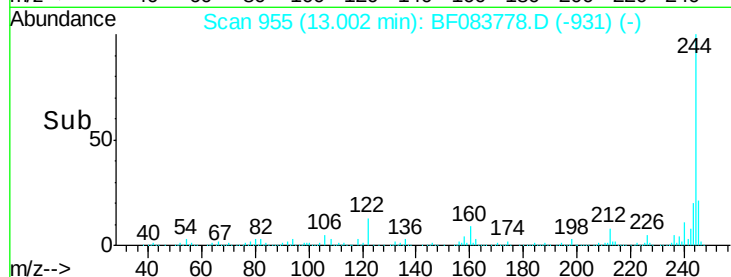
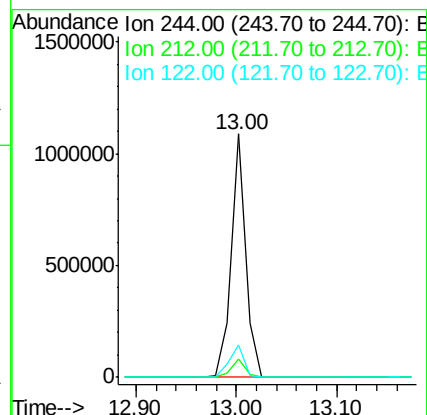
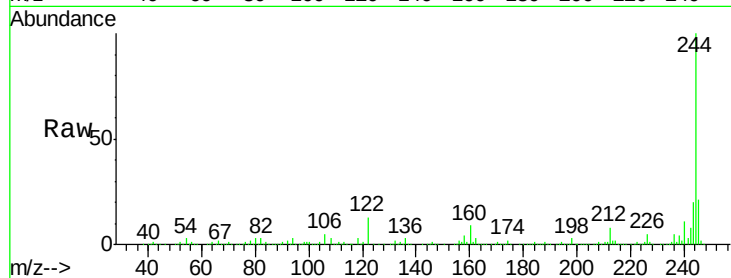




#78
 Terphenyl-d14
 Concen: 59.85 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB87254TB

Tgt Ion:244 Resp: 1090464
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 13.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083778.D
 Acq: 14 Dec 2015 19:33

Tgt Ion:264 Resp: 319454
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.5 17.8 26.6

