

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083102.D
 Acq On : 21 Nov 2015 4:02
 Operator : UM/IZ
 Sample : G4485-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 06:02:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

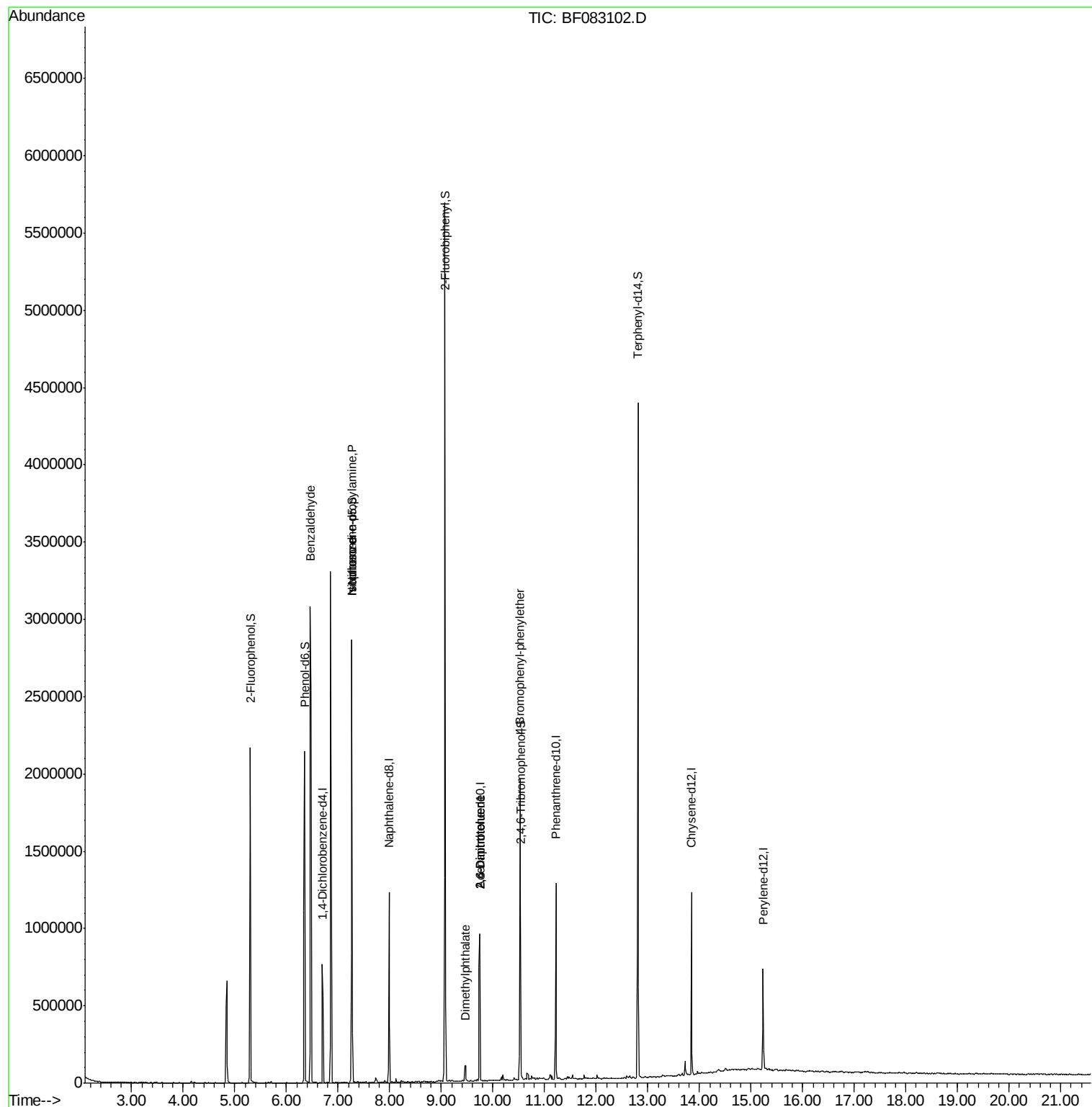
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150329	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	551078	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	255373	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	444925	20.00	ng	0.00
75) Chrysene-d12	13.85	240	384492	20.00	ng	-0.01
86) Perylene-d12	15.23	264	285809	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	781184	80.71	ng	0.01
7) Phenol-d6	6.35	99	748834	58.74	ng	0.00
23) Nitrobenzene-d5	7.26	82	985082	81.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	296172	109.23	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1674487	88.31	ng	-0.01
78) Terphenyl-d14	12.81	244	1273144	78.17	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	27335	2.69	ng	82
19) n-Nitroso-di-n-propylamine	7.26	70	133631	14.34	ng	# 77
25) Isophorone	7.26	82	774557	34.11	ng	# 69
49) Dimethylphthalate	9.47	163	60708	2.89	ng	97
50) 2,6-Dinitrotoluene	9.74	165	31233	6.89	ng	# 28
56) 2,4-Dinitrotoluene	9.74	165	31233	5.15	ng	# 20
66) 4-Bromophenyl-phenylether	10.52	248	19212	3.73	ng	# 1

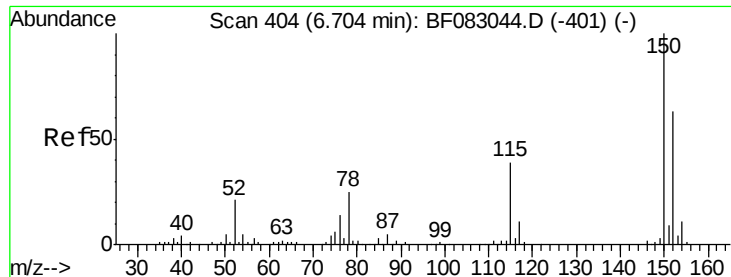
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083102.D

Acq: 21 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

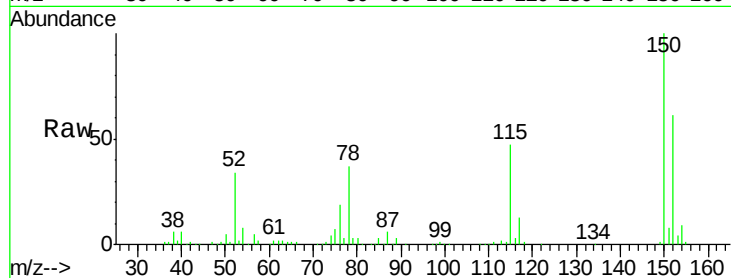
Tot Ion:152 Resp: 150329

Ion Ratio Lower Upper

152 100

150 163.2 126.4 189.6

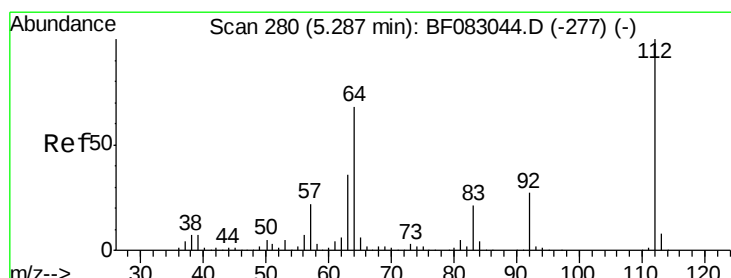
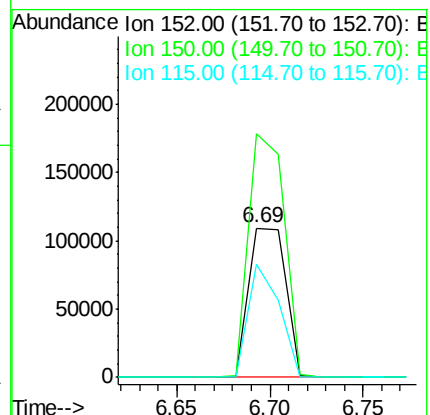
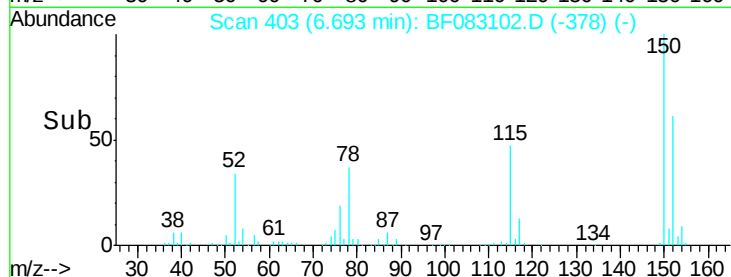
115 76.0 49.0 73.6#



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: 80.71 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083102.D

Acq: 21 Nov 2015 4:02

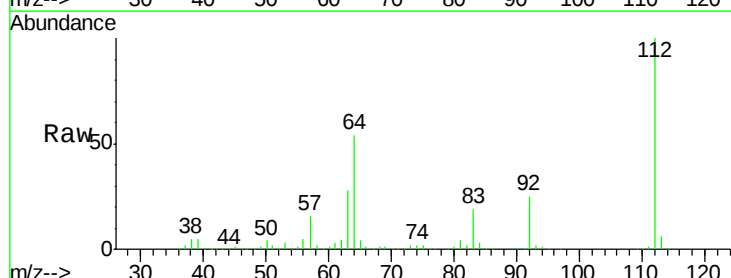
Tgt Ion:112 Resp: 781184

Ion Ratio Lower Upper

112 100

64 54.4 54.8 82.2#

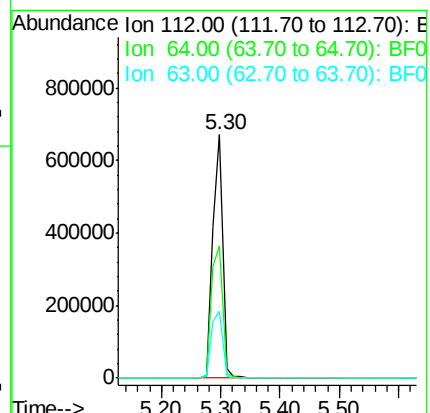
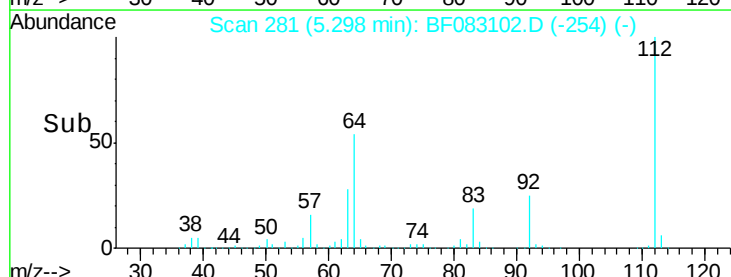
63 27.7 29.0 43.4#

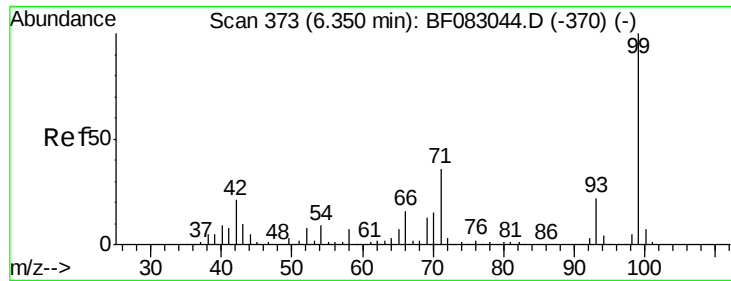


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 58.74 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083102.D

Acq: 21 Nov 2015 4:02

Instrument :

BNA_F

ClientSampled :

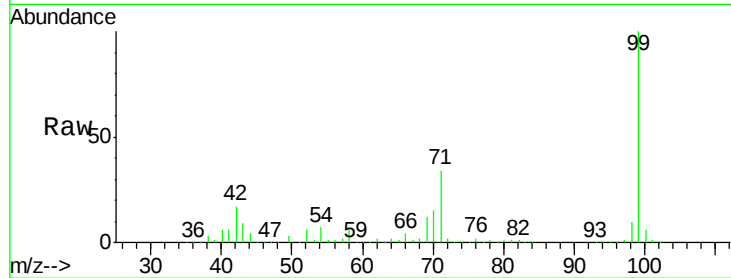
Tot Ion: 99 Resp: 748834

Ion Ratio Lower Upper

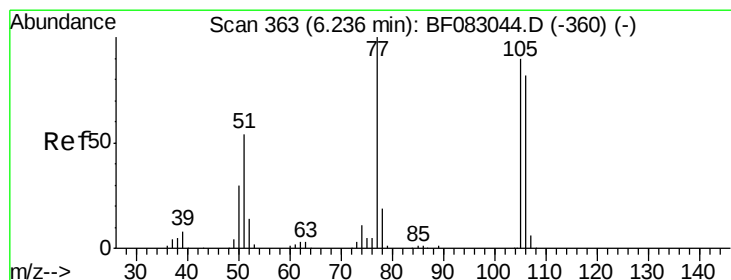
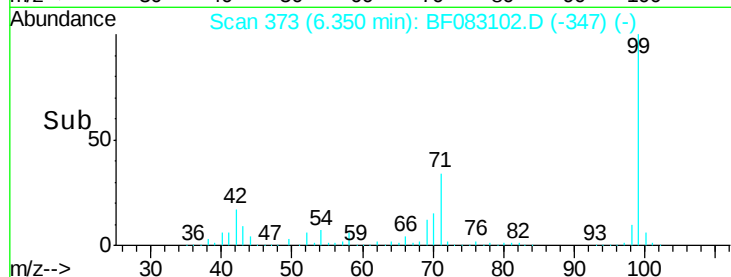
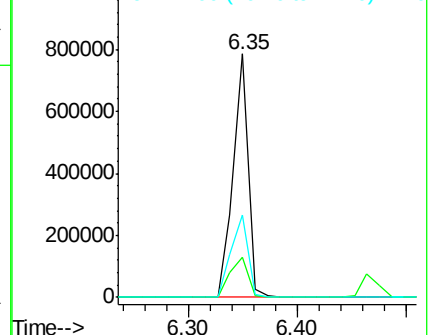
99 100

42 16.6 16.6 25.0

71 33.9 29.2 43.8



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: 2.69 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.23 min

Lab File: BF083102.D

Acq: 21 Nov 2015 4:02

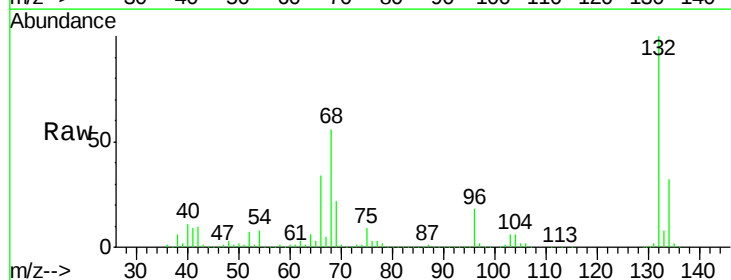
Tgt Ion: 77 Resp: 27335

Ion Ratio Lower Upper

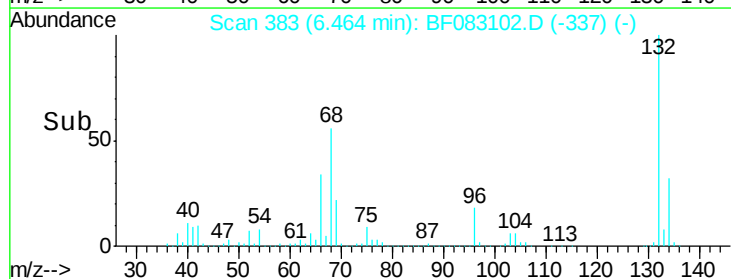
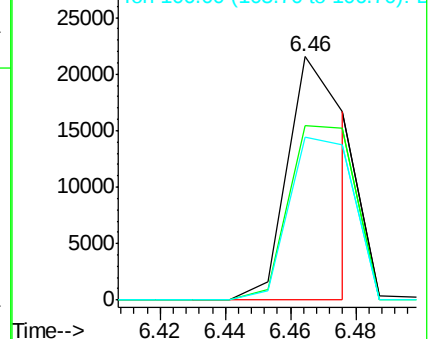
77 100

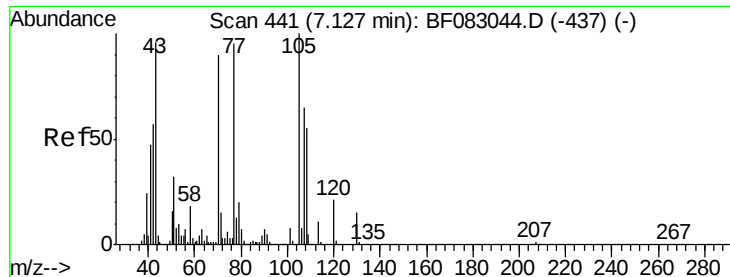
105 71.5 69.6 109.6

106 66.8 62.0 102.0



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

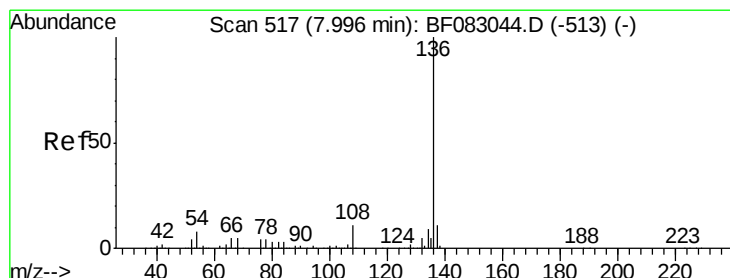
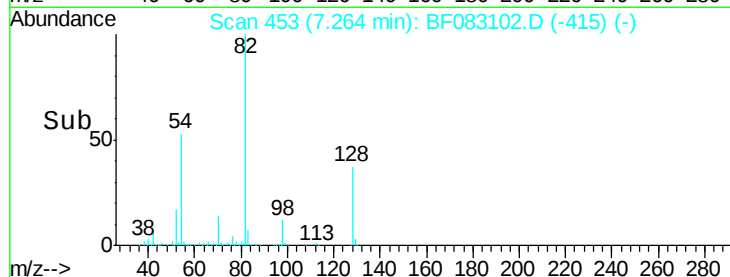
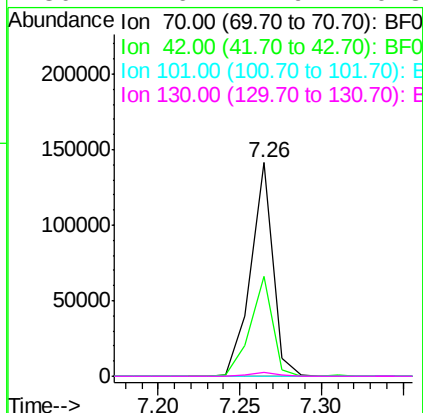
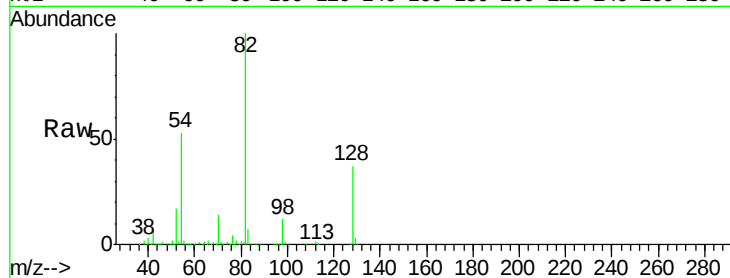




#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

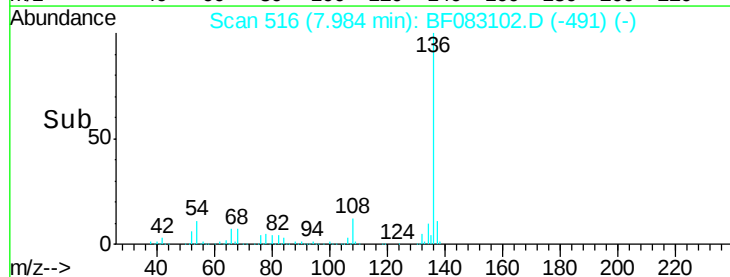
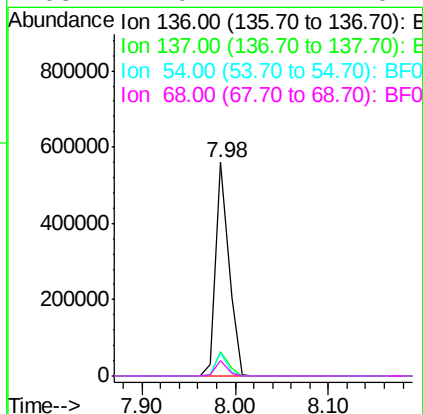
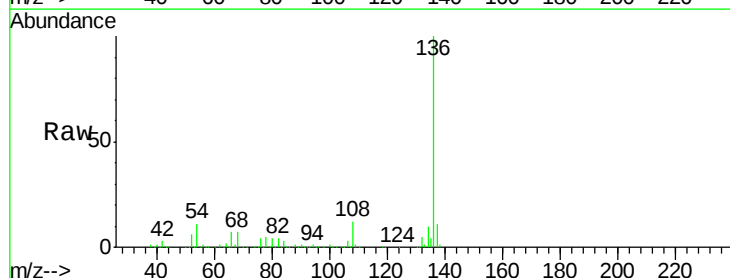
Instrument :
BNA_F
ClientSampleId :

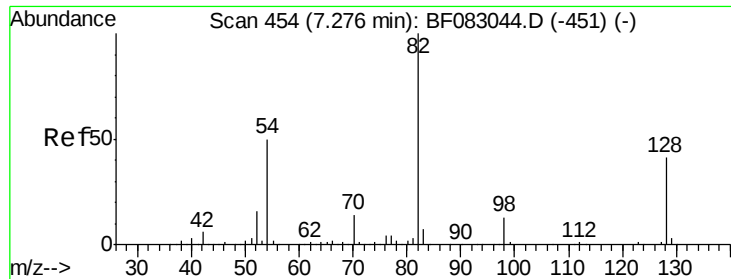
Tot Ion: 70 Resp: 133631
Ion Ratio Lower Upper
70 100
42 47.0 50.2 75.2#
101 0.0 6.8 10.2#
130 1.6 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion: 136 Resp: 551078
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.9 6.2 9.2#
68 7.0 4.2 6.2#

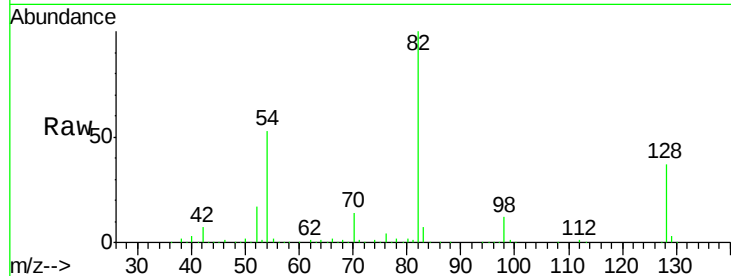




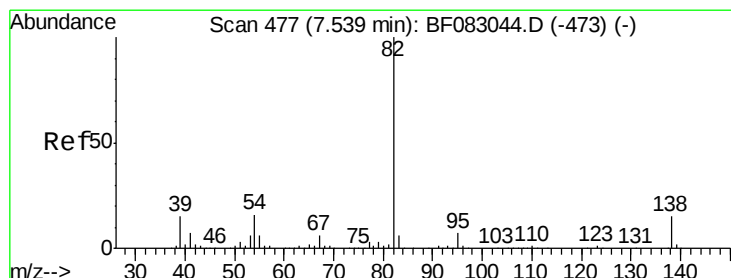
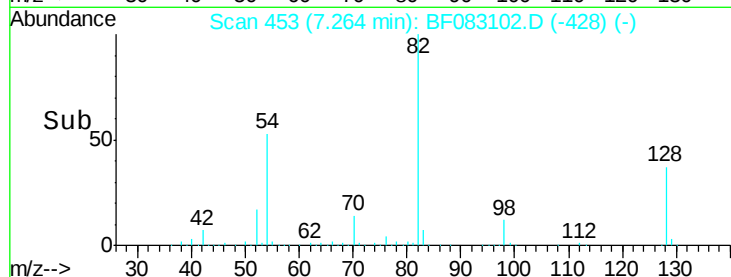
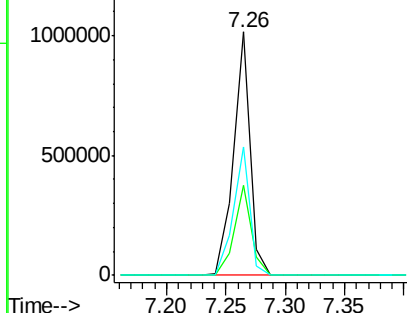
#23
Nitrobenzene-d5
Concen: 81.84 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	985082
Ion Ratio	100	Lower	Upper
128	37.2	33.1	49.7
54	52.5	39.8	59.6

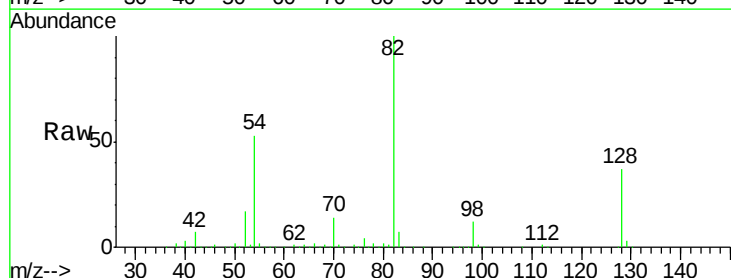


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

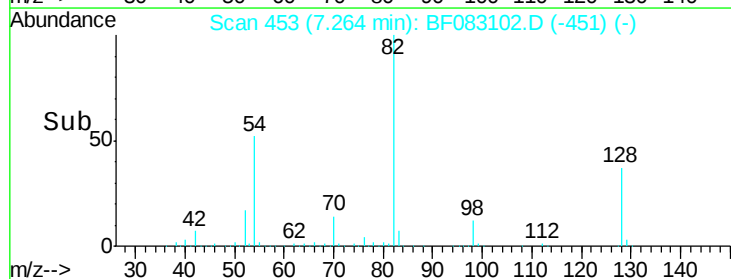
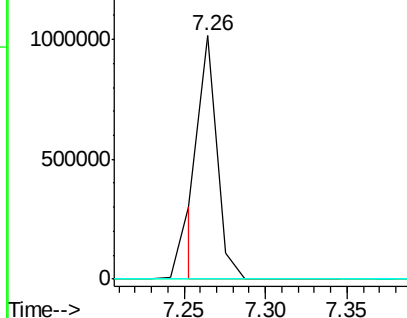


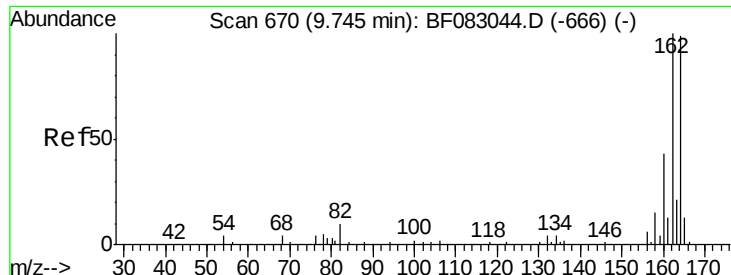
#25
Isophorone
Concen: 34.11 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion	82	Resp	774557
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	12.2	18.4#



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

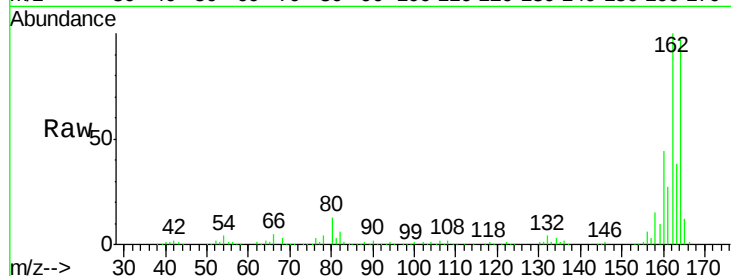




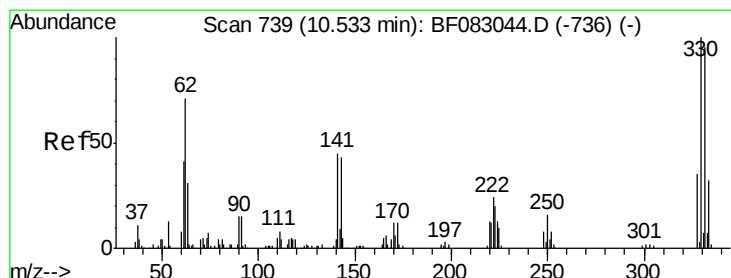
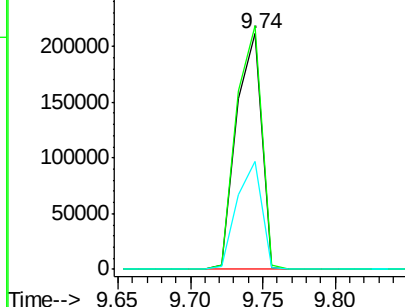
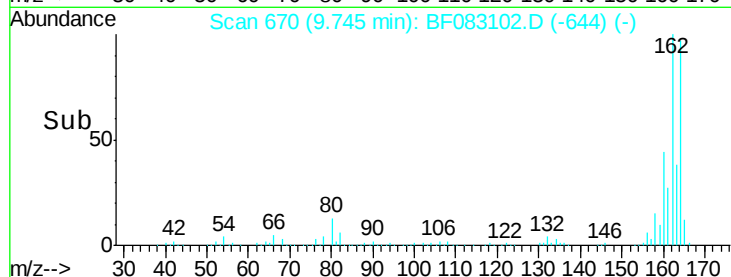
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083102.D
 Acq: 21 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 255373
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.5 120.7
 160 45.7 35.0 52.4

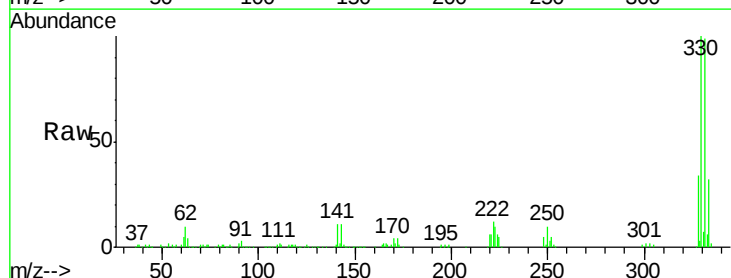


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

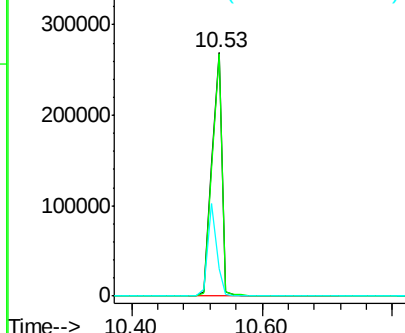
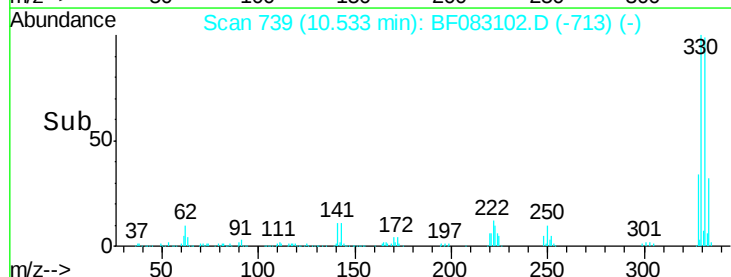


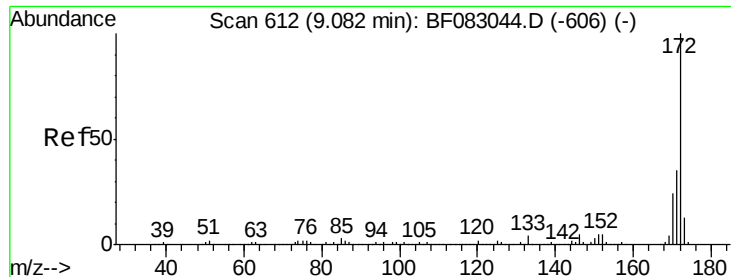
#41
 2,4,6-Tribromophenol
 Concen: 109.23 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083102.D
 Acq: 21 Nov 2015 4:02

Tgt Ion:330 Resp: 296172
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.6 116.4
 141 33.3 34.6 52.0#



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

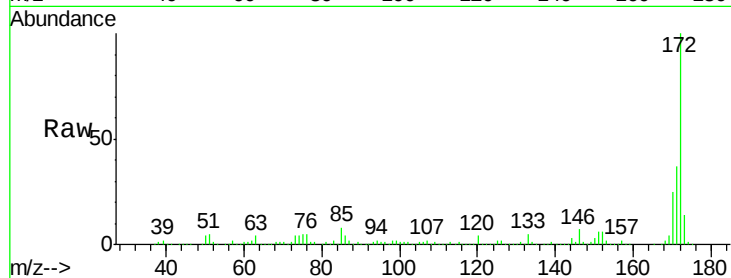




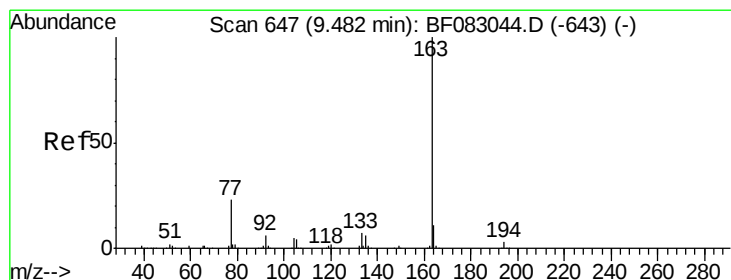
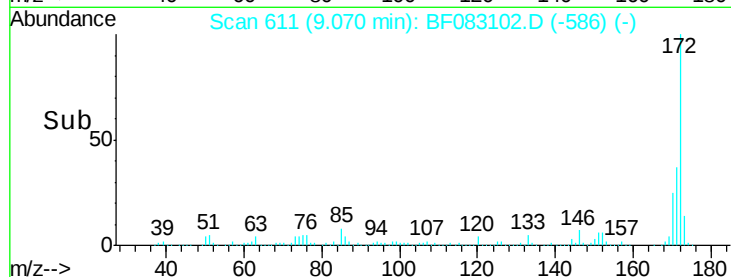
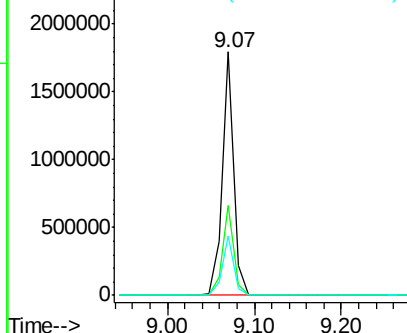
#44
2-Fluorobiphenyl
Concen: 88.31 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1674487
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.4
170 24.6 19.4 29.0

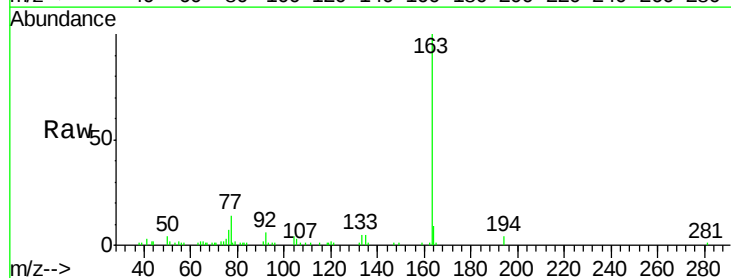


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

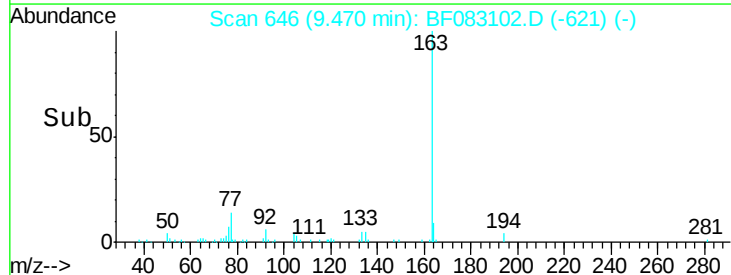
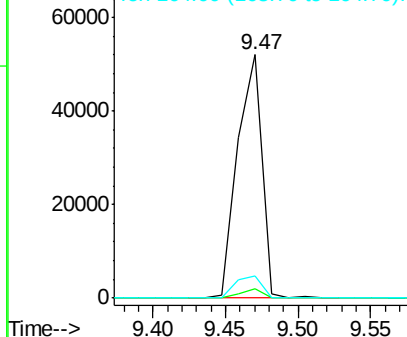


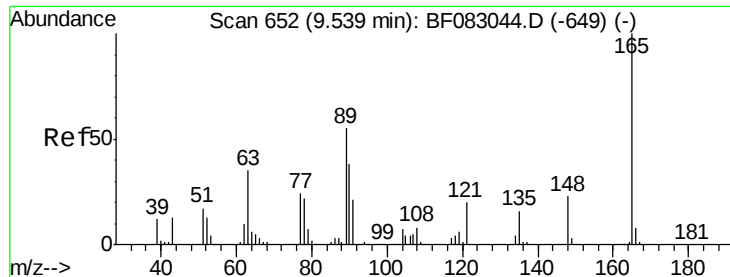
#49
Dimethylphthalate
Concen: 2.89 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion:163 Resp: 60708
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.3 8.5 12.7



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

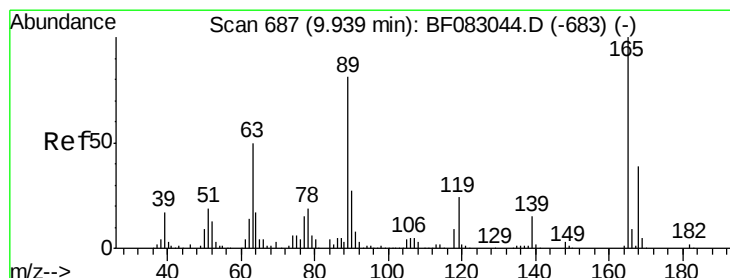
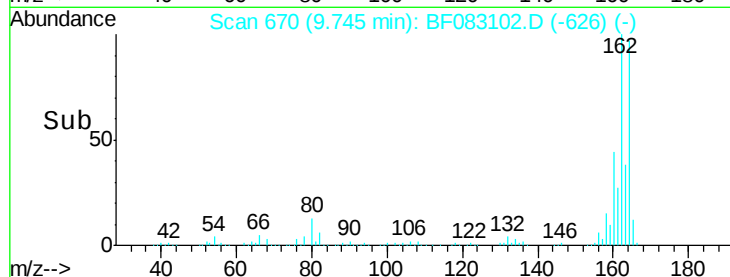
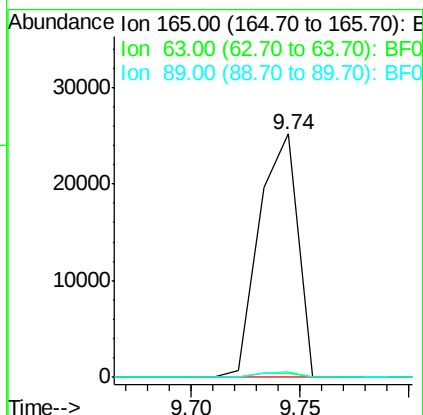
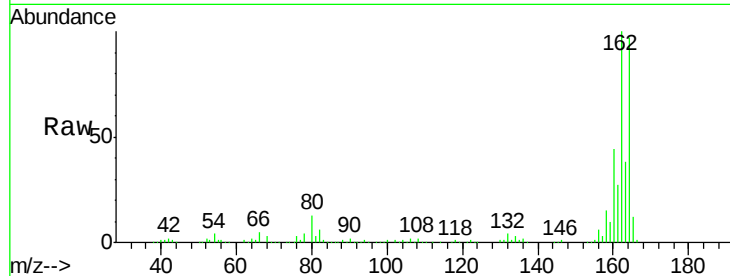




#50
2,6-Dinitrotoluene
Concen: 6.89 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.21 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

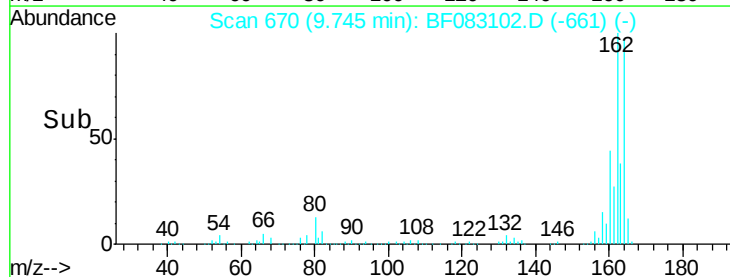
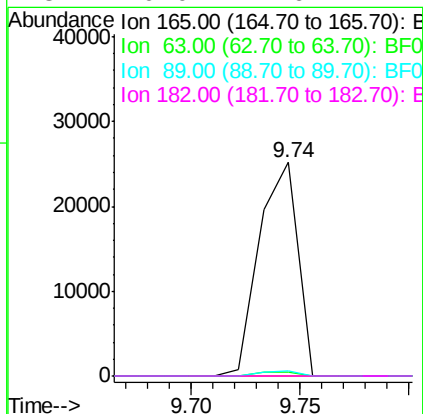
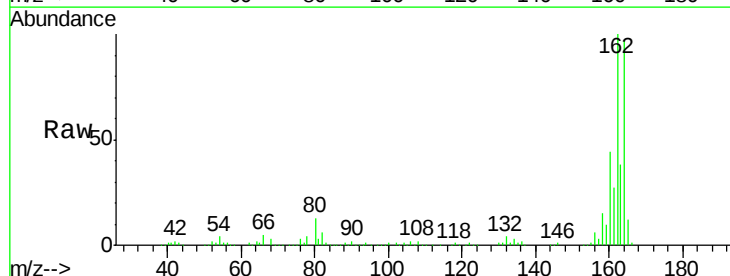
Instrument :
BNA_F
ClientSampleId :

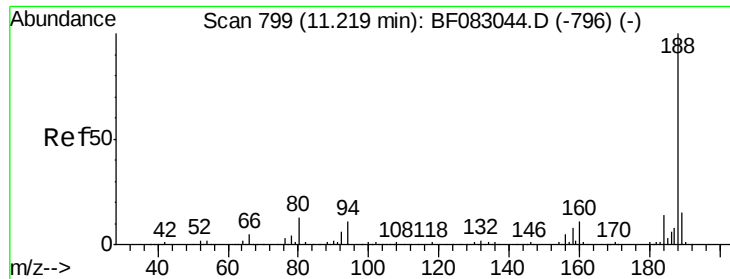
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.6	61.0#
89	2.3	44.5	66.7#



#56
2,4-Dinitrotoluene
Concen: 5.15 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.19 min
Lab File: BF083102.D
Acq: 21 Nov 2015 4:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.6	61.0#
89	2.3	64.4	96.6#
182	0.0	1.6	2.4#

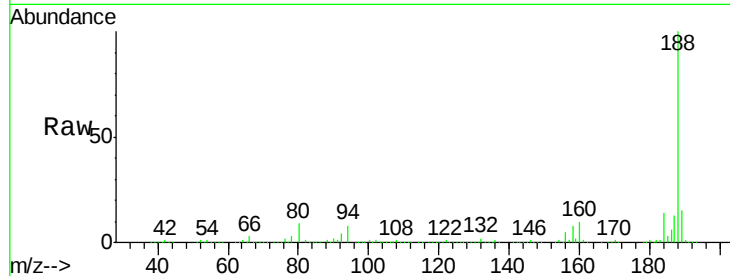




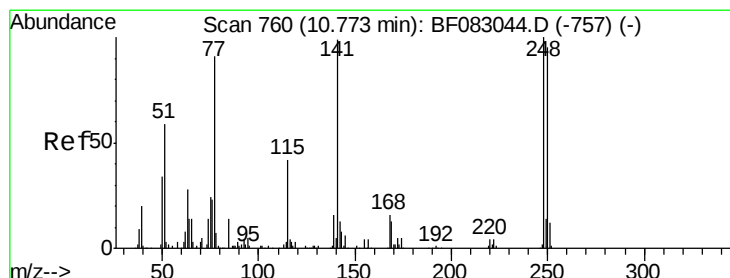
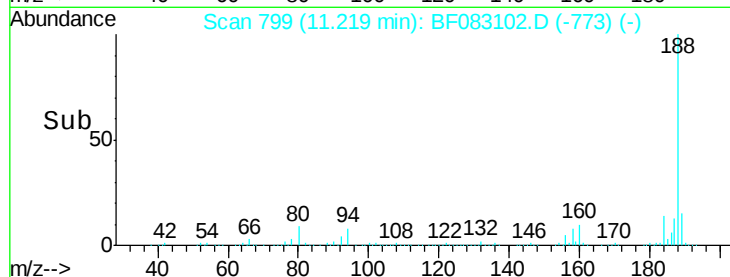
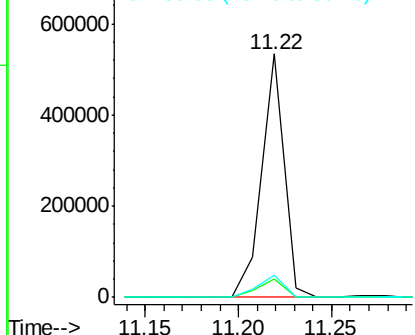
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083102.D
 Acq: 21 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 444925
 Ion Ratio Lower Upper
 188 100
 94 7.7 9.0 13.4#
 80 9.1 10.2 15.4#

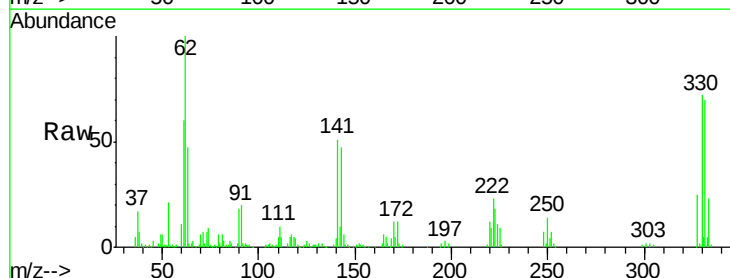


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

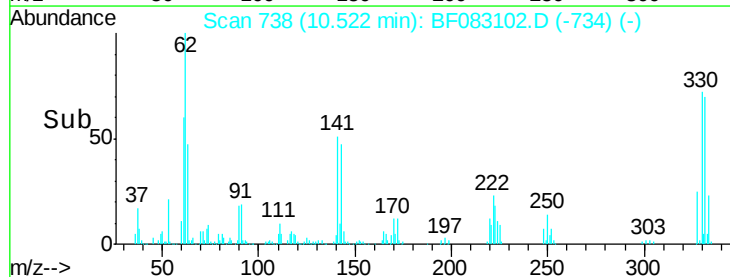
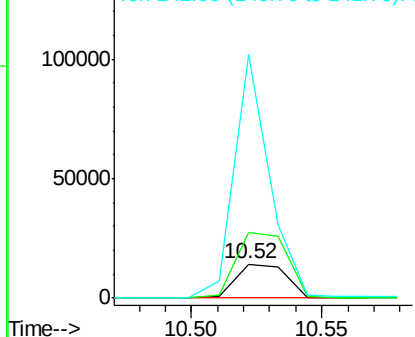


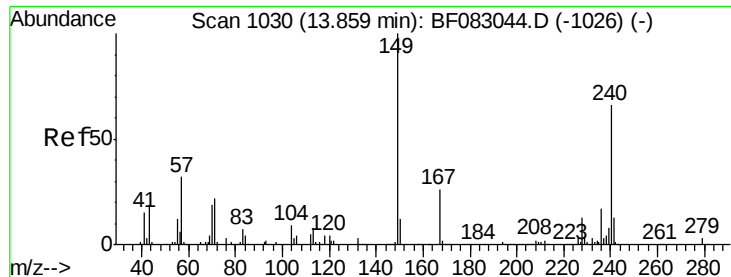
#66
 4-Bromophenyl-phenylether
 Concen: 3.73 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.25 min
 Lab File: BF083102.D
 Acq: 21 Nov 2015 4:02

Tgt Ion:248 Resp: 19212
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.1 114.1#
 141 712.1 79.2 118.8#



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: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083102.D

Acq: 21 Nov 2015 4:02

Instrument :

BNA_F

ClientSampleId :

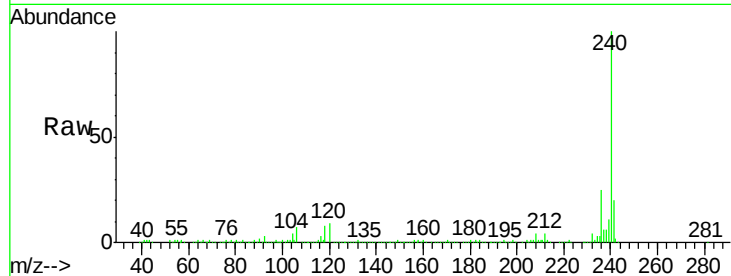
Tot Ion:240 Resp: 384492

Ion Ratio Lower Upper

240 100

120 9.1 5.3 7.9#

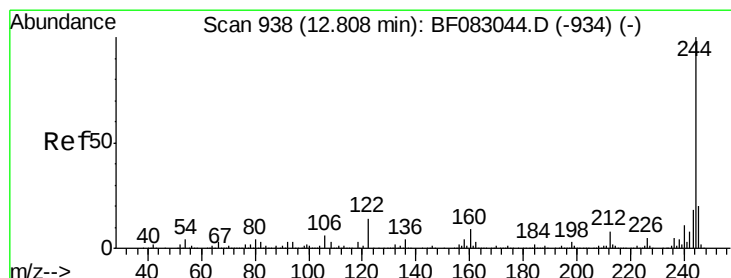
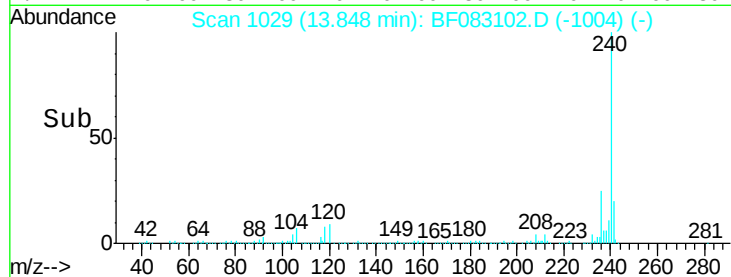
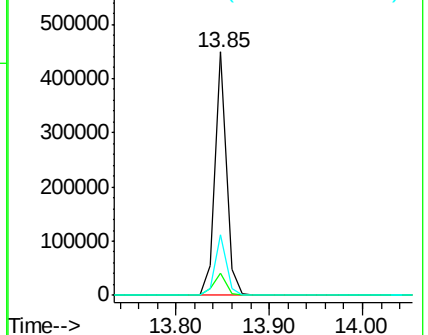
236 25.1 20.4 30.6



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: 78.17 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF083102.D

Acq: 21 Nov 2015 4:02

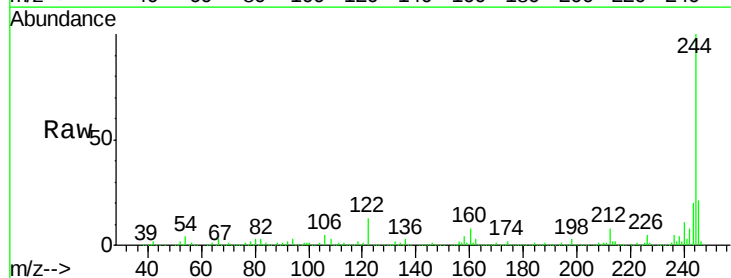
Tgt Ion:244 Resp: 1273144

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

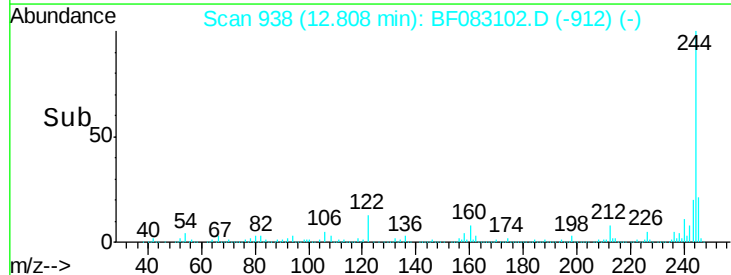
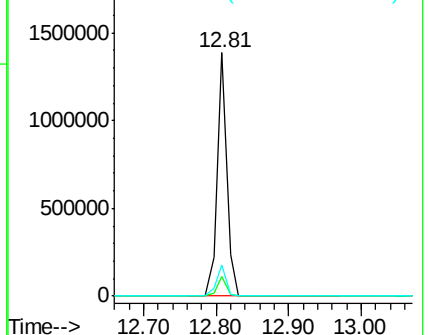
122 12.6 10.9 16.3

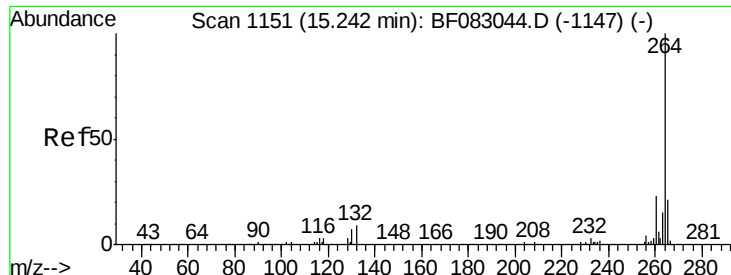


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

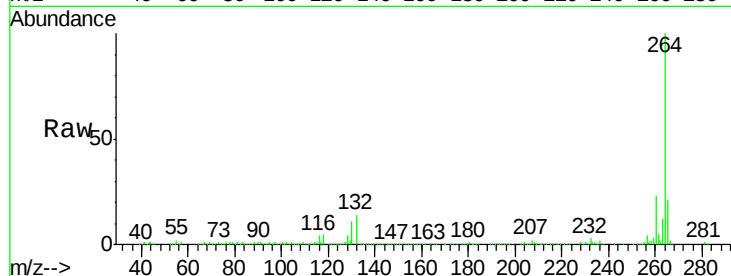




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083102.D
 Acq: 21 Nov 2015 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	17.0	25.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

