

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083961.D
 Acq On : 19 Dec 2015 18:20
 Operator : UM/SJ
 Sample : G4886-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Quant Time: Dec 21 00:56:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

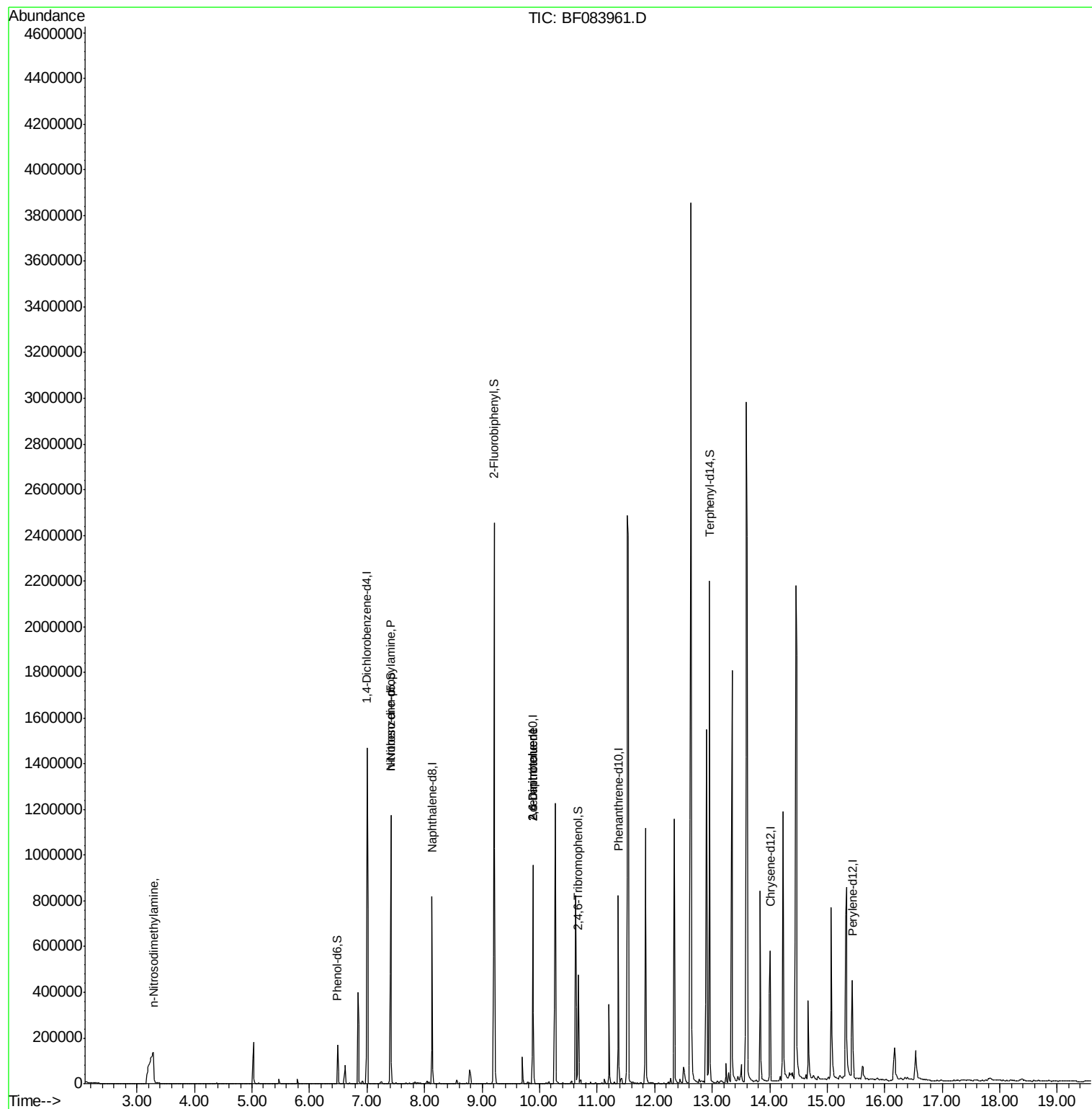
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	279664	20.00	ng	0.13
21) Naphthalene-d8	8.13	136	355716	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	166709	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	284076	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	241355	20.00	ng	-0.02
86) Perylene-d12	15.44	264	187509	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	7974	0.45	ng	-0.01
7) Phenol-d6	6.49	99	63063	2.88	ng	-0.02
23) Nitrobenzene-d5	7.41	82	420521	67.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	50454	27.47	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	846124	69.21	ng	-0.03
78) Terphenyl-d14	12.96	244	682346	64.59	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.29	42	18260	2.50	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	58083	4.55	ng	# 77
31) Naphthalene	8.16	128	999	Below	Cal	# 68
45) 1,1'-Biphenyl	9.21	154	1860	Below	Cal	# 1
50) 2,6-Dinitrotoluene	9.88	165	21265	6.97	ng	# 41
56) 2,4-Dinitrotoluene	9.88	165	21266	5.44	ng	# 24
57) Fluorene	10.43	166	208	Below	Cal	# 8
77) Pyrene	12.96	202	2649	Below	Cal	# 73

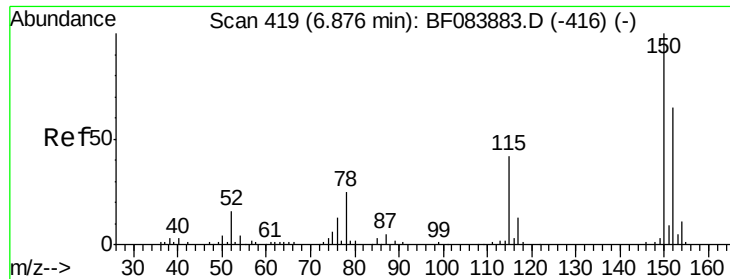
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.13 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MIX1

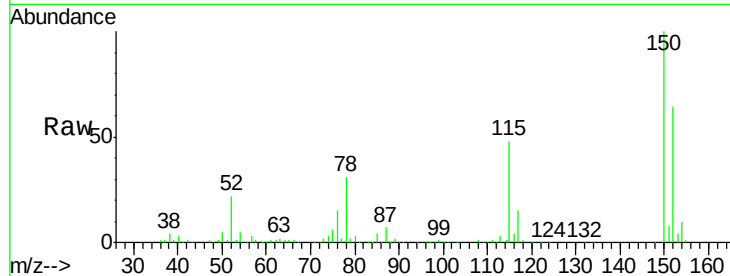
Tgt Ion:152 Resp: 279664

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

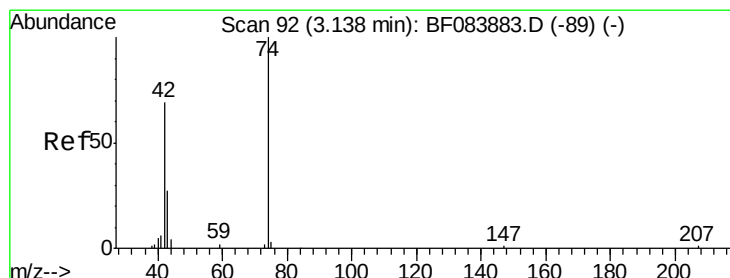
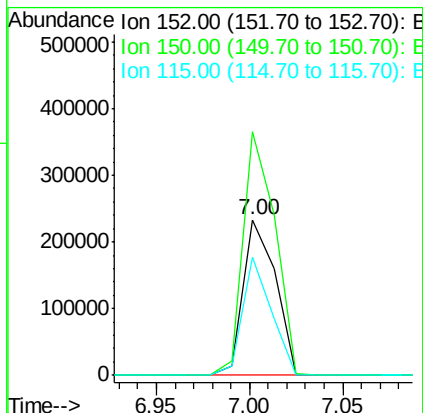
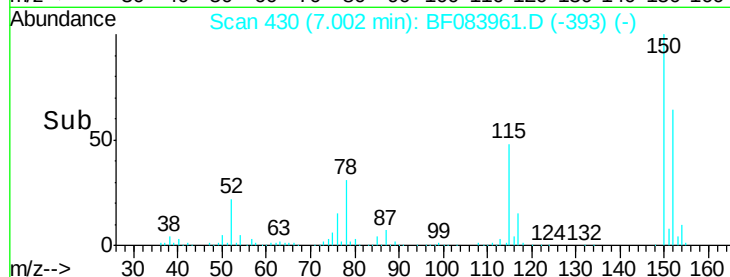
115 76.0 51.4 77.2



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



#4

n-Nitrosodimethylamine

Concen: 2.50 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.15 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

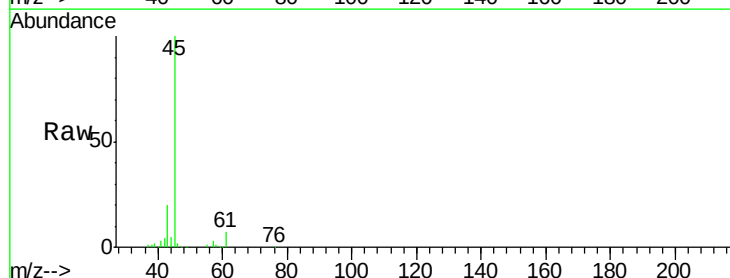
Tgt Ion: 42 Resp: 18260

Ion Ratio Lower Upper

42 100

74 0.0 115.7 173.5#

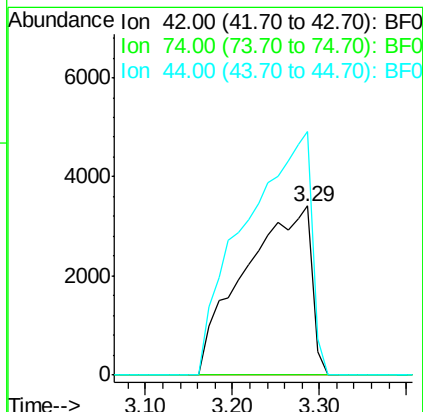
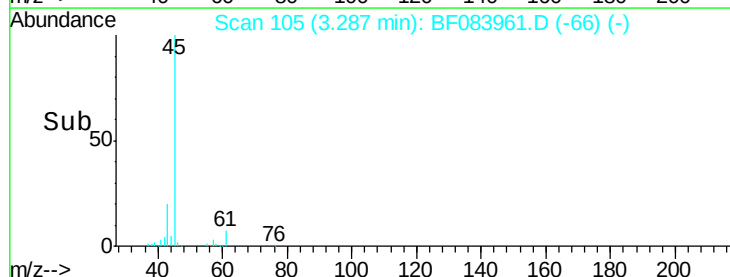
44 144.0 5.1 7.7#

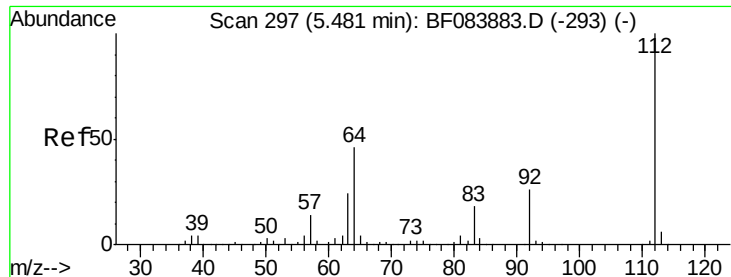


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 0.45 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

ClientSampled :

MIX1

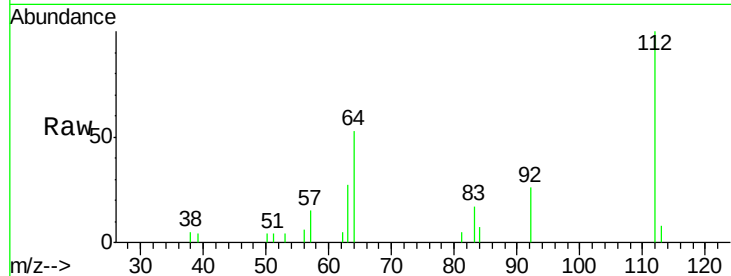
Tgt Ion: 112 Resp: 7974

Ion Ratio Lower Upper

112 100

64 52.6 36.6 55.0

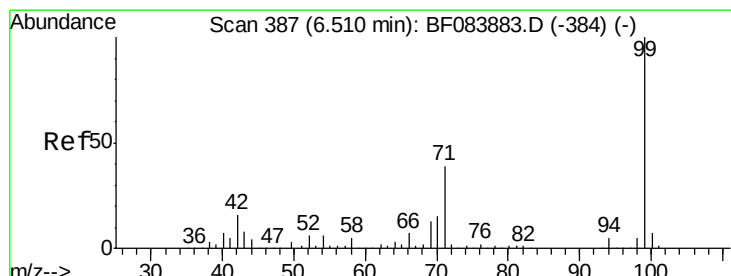
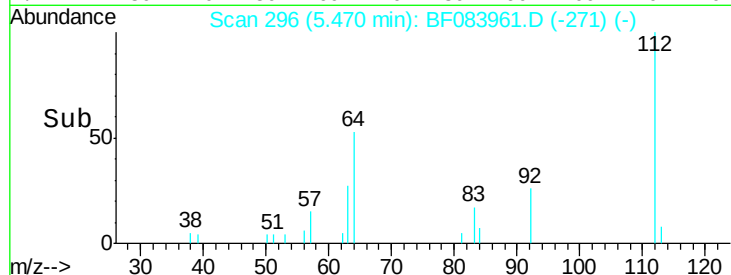
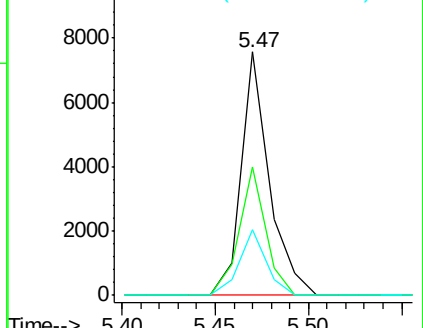
63 26.8 19.4 29.0



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: 2.88 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

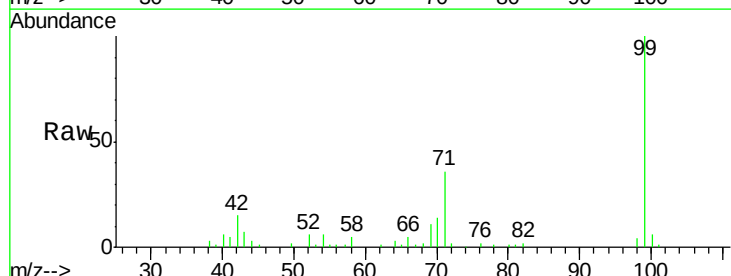
Tgt Ion: 99 Resp: 63063

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

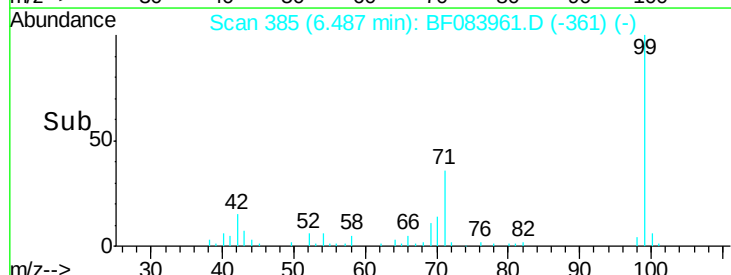
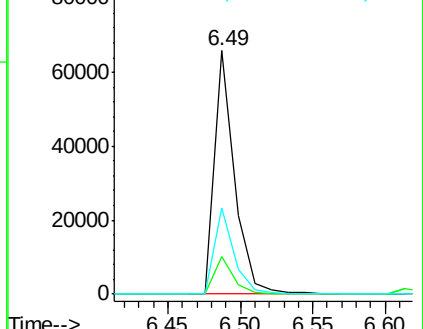
71 35.6 30.9 46.3

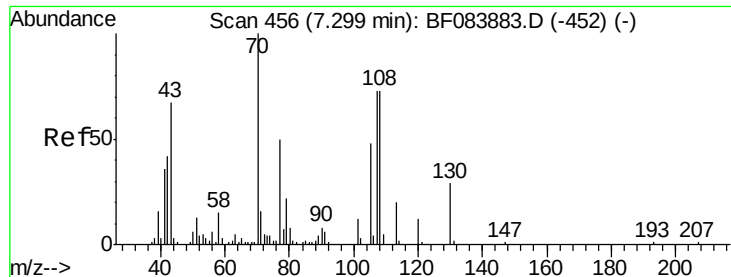


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 4.55 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MIX1

Tgt Ion: 70 Resp: 58083

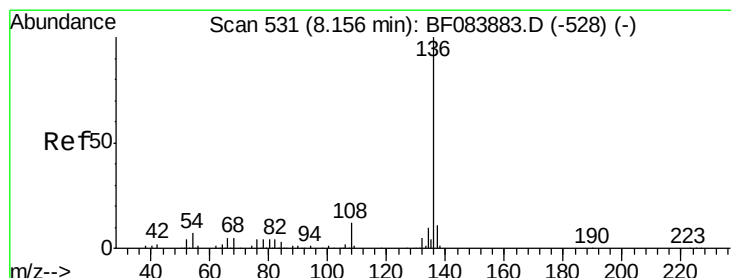
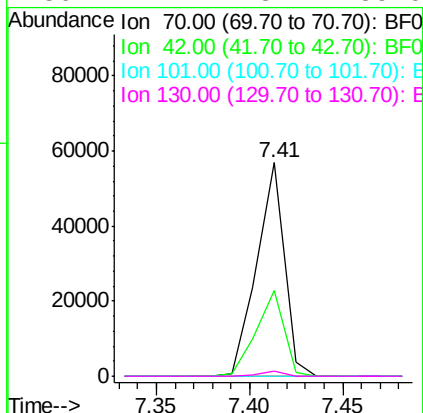
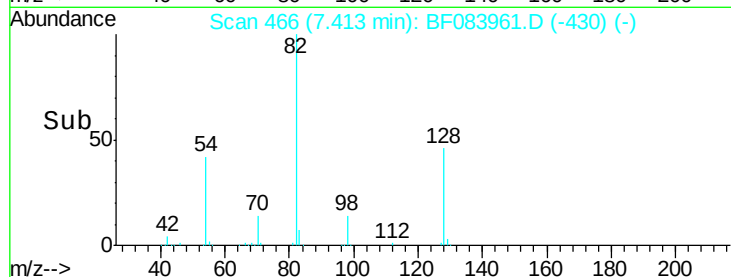
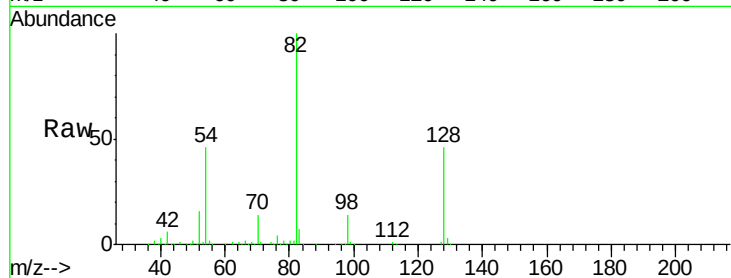
Ion Ratio Lower Upper

70 100

42 40.2 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Tgt Ion: 136 Resp: 355716

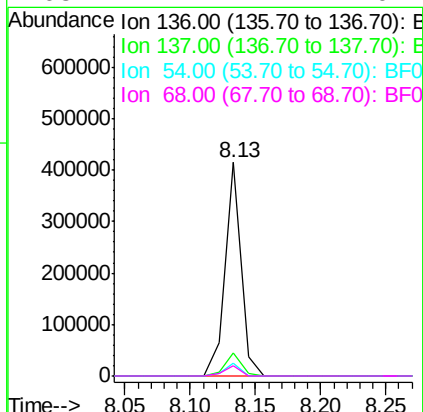
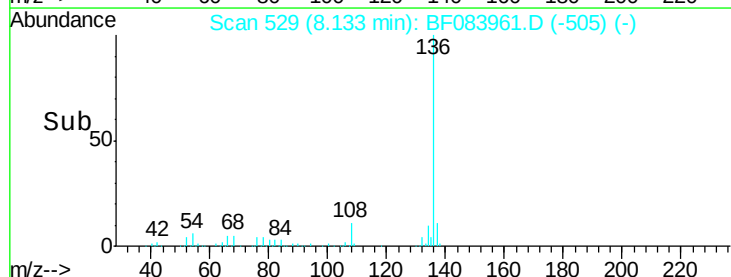
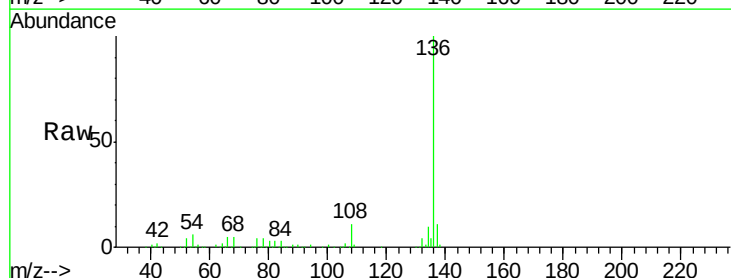
Ion Ratio Lower Upper

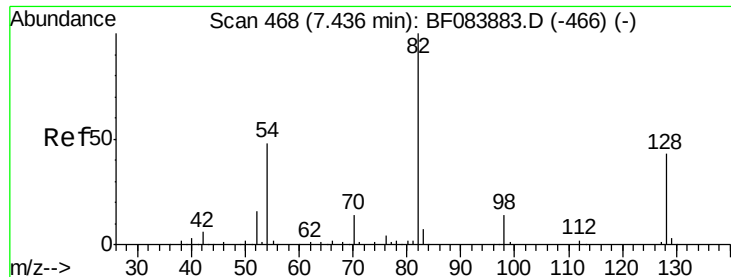
136 100

137 11.1 8.7 13.1

54 6.3 5.8 8.8

68 4.7 4.2 6.2





#23

Nitrobenzene-d5

Concen: 67.47 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MIX1

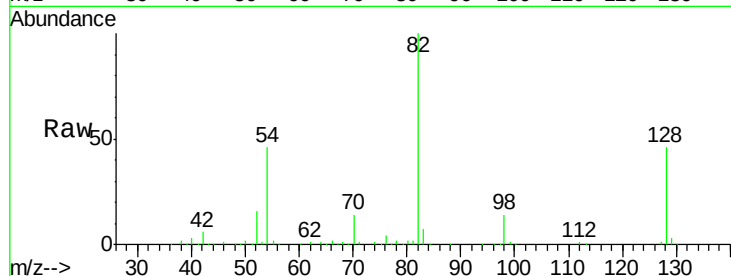
Tgt Ion: 82 Resp: 420521

Ion Ratio Lower Upper

82 100

128 46.1 34.6 51.8

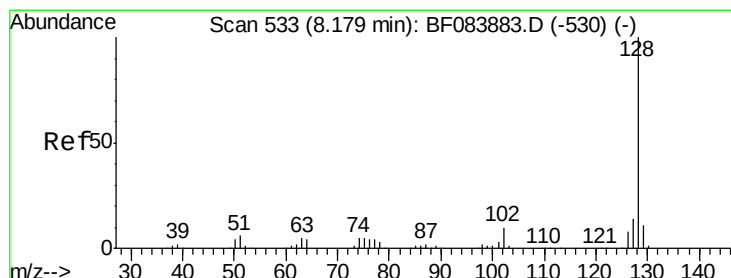
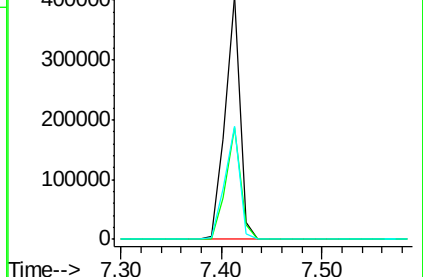
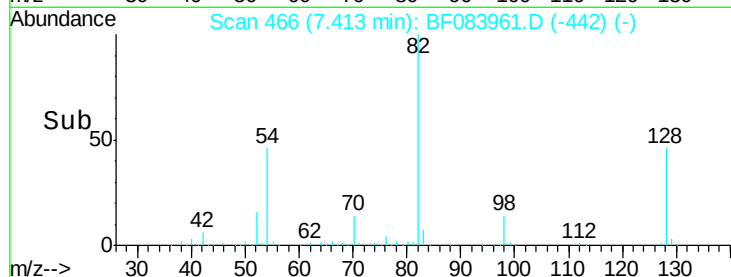
54 46.5 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: Below Cal

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

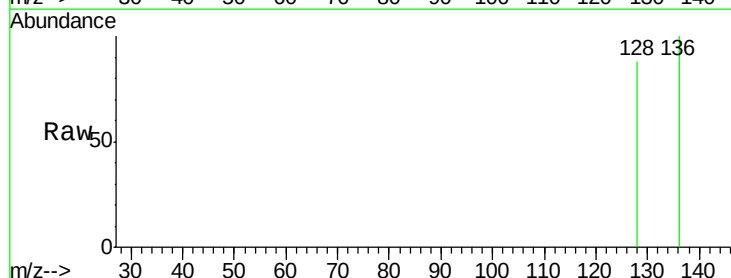
Tgt Ion: 128 Resp: 999

Ion Ratio Lower Upper

128 100

129 0.0 9.1 13.7#

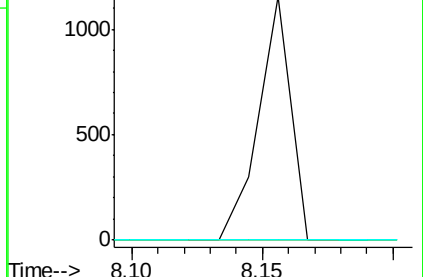
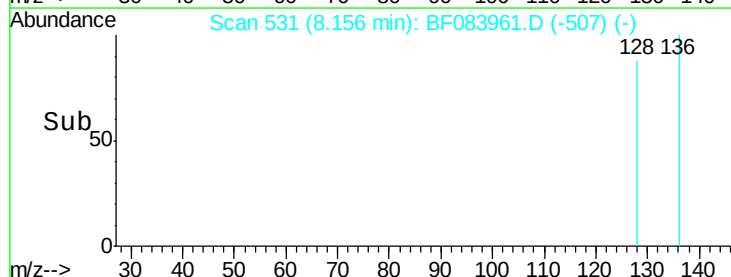
127 0.0 11.1 16.7#

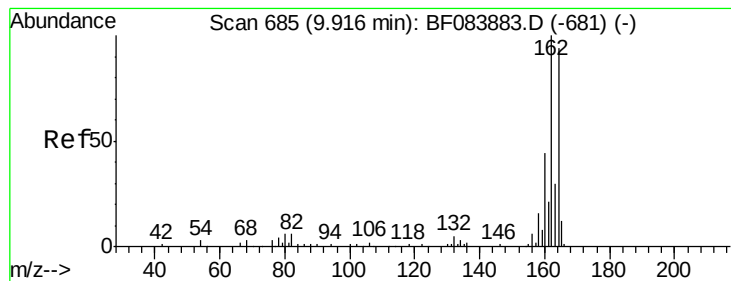


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

Instrument :

BNA_F

ClientSampleId :

MIX1

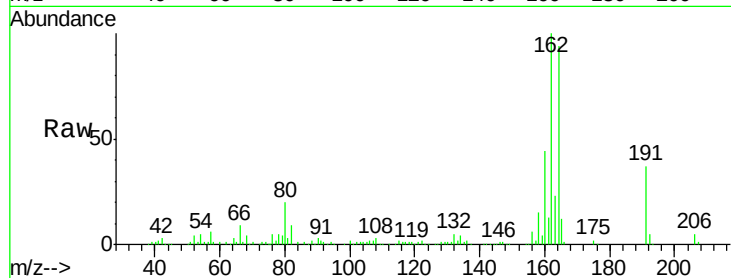
Tgt Ion:164 Resp: 166709

Ion Ratio Lower Upper

164 100

162 106.0 85.1 127.7

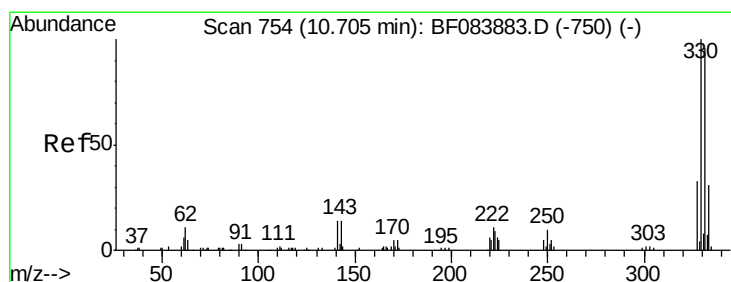
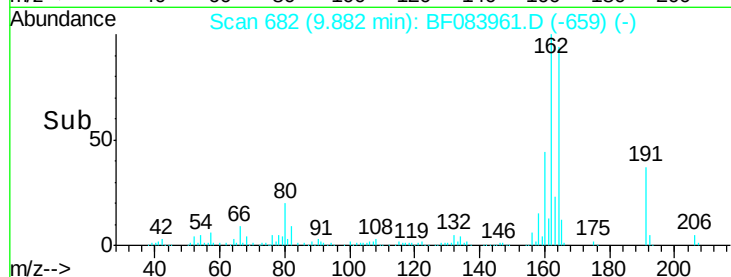
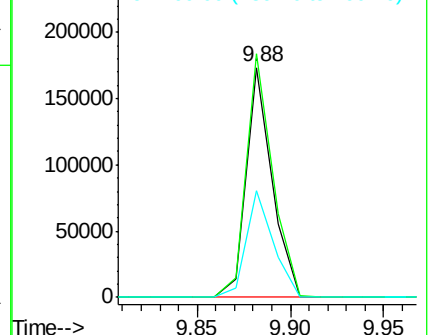
160 46.3 37.5 56.3



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: 27.47 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF083961.D

Acq: 19 Dec 2015 18:20

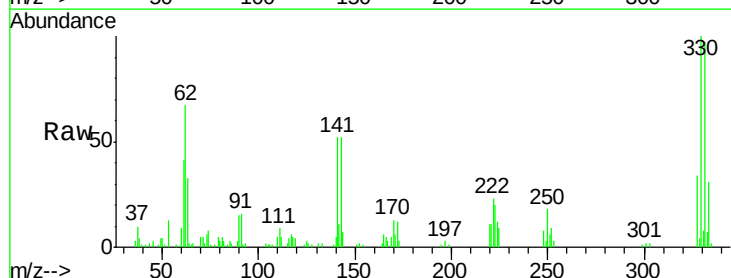
Tgt Ion:330 Resp: 50454

Ion Ratio Lower Upper

330 100

332 98.8 76.6 114.8

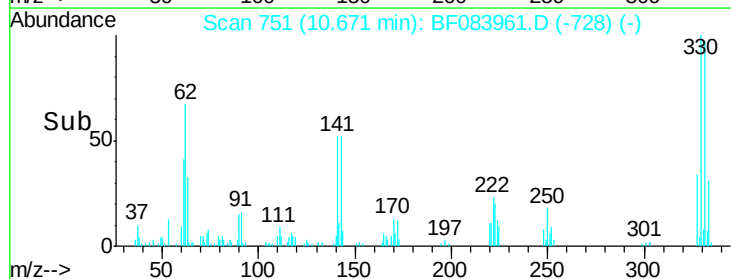
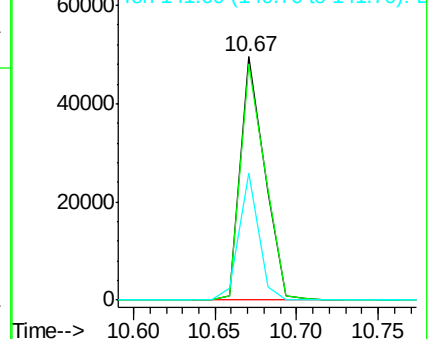
141 42.0 27.8 41.6#

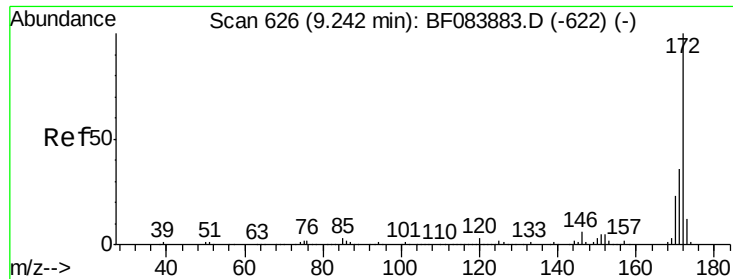


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

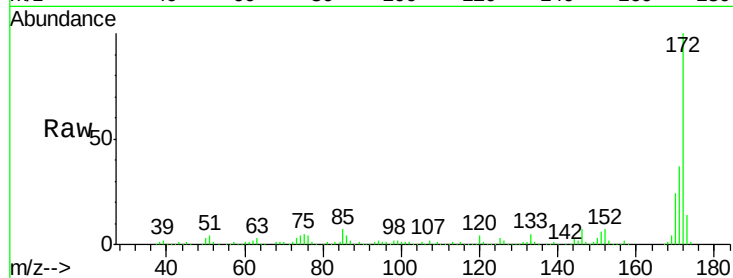




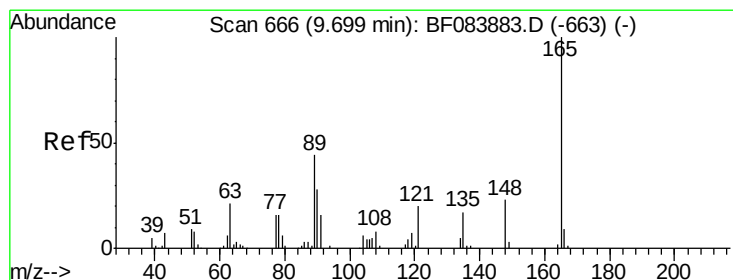
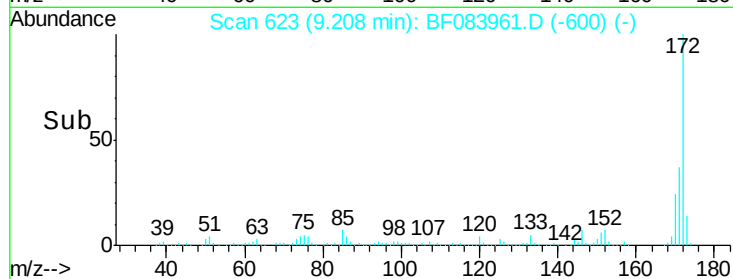
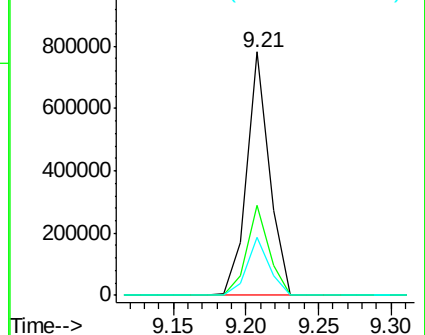
#44
 2-Fluorobiphenyl
 Concen: 69.21 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Tgt Ion:172 Resp: 846124
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 23.9 18.6 27.8

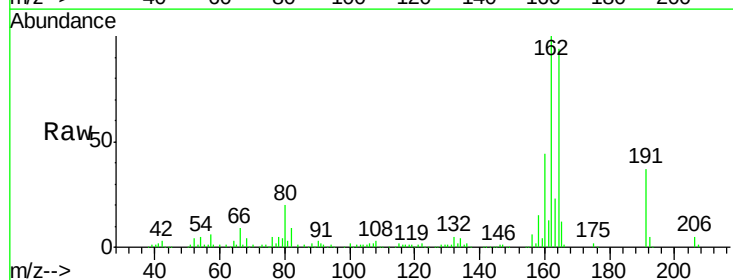


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

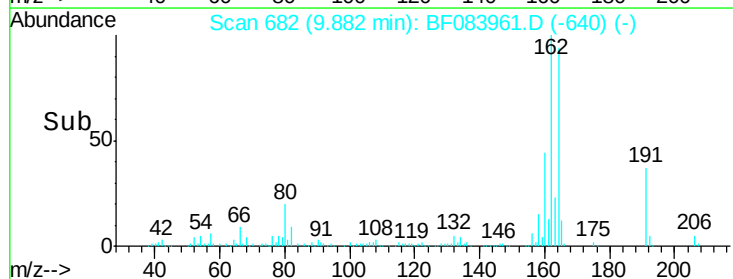
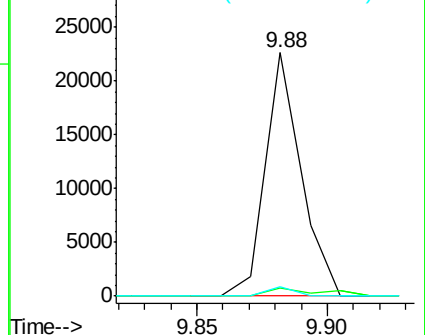


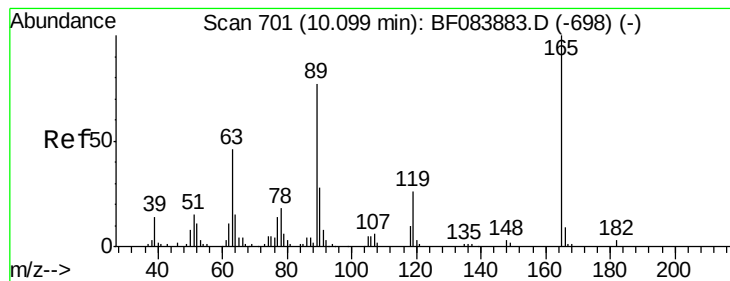
#50
 2,6-Dinitrotoluene
 Concen: 6.97 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.18 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Tgt Ion:165 Resp: 21265
 Ion Ratio Lower Upper
 165 100
 63 3.2 28.8 43.2#
 89 3.9 35.1 52.7#



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

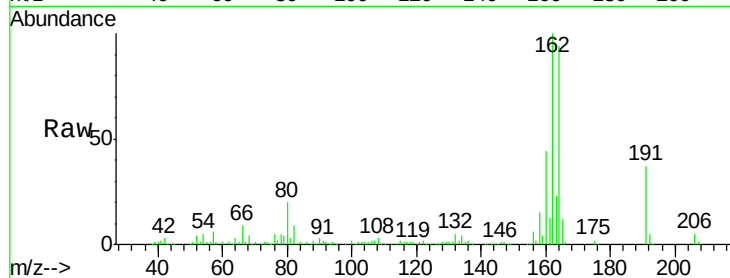




#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Tgt Ion:	165	Resp:	21266
Ion	Ratio	Lower	Upper
165	100		
63	3.2	36.7	55.1#
89	3.9	61.9	92.9#
182	0.0	2.0	3.0#

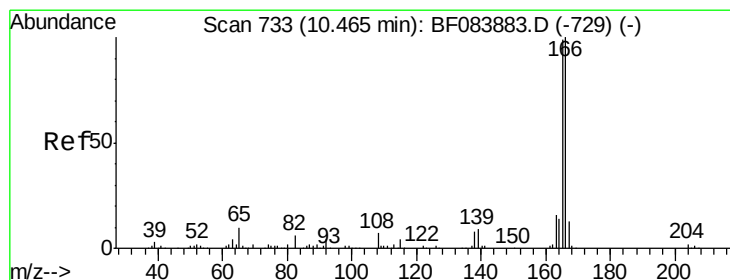
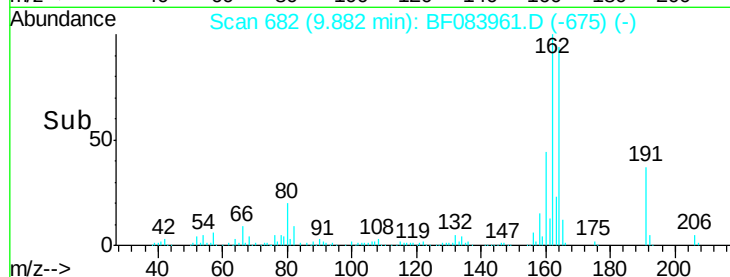
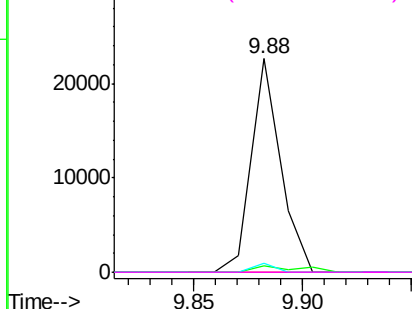


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

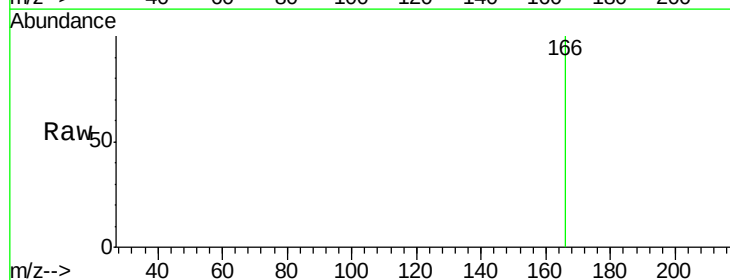
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
 Fluorene
 Concen: Below Cal
 RT: 10.43 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

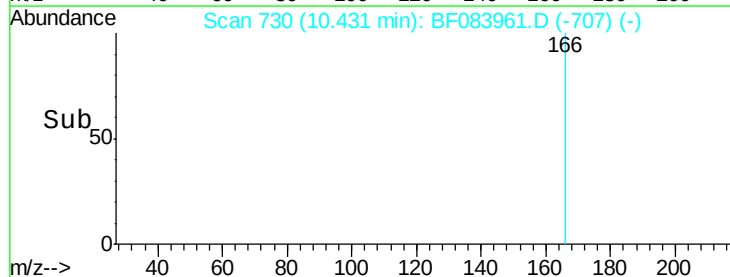
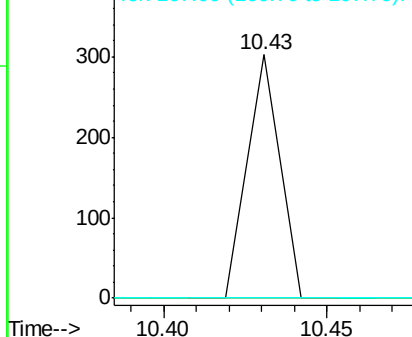
Tgt Ion:	166	Resp:	208
Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.1	118.7#
167	0.0	10.4	15.6#

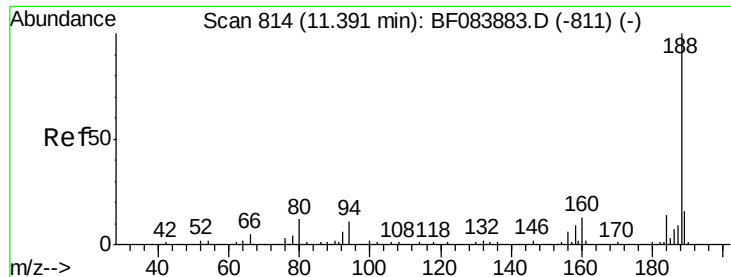


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

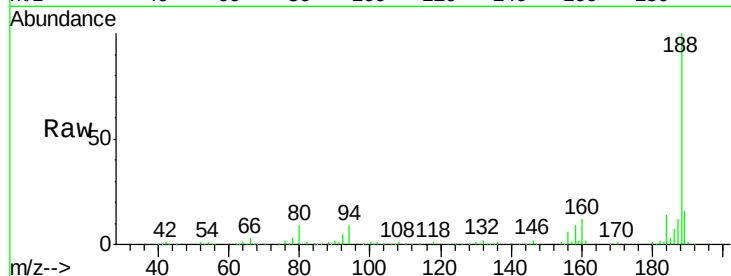




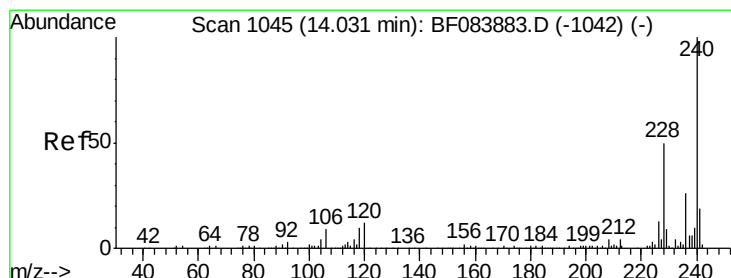
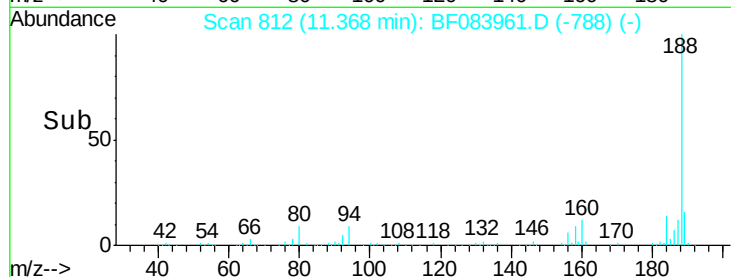
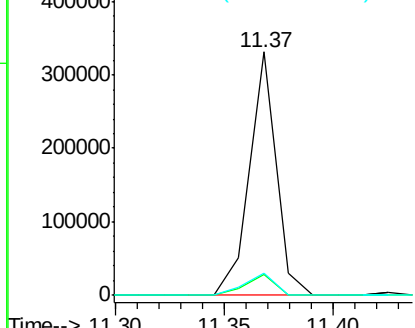
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Tgt Ion:188 Resp: 284076
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.0 13.4#
 80 9.2 9.6 14.4#

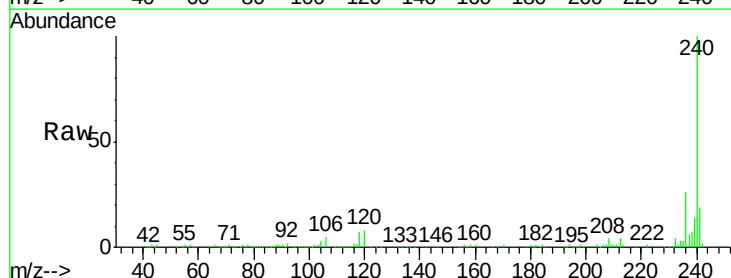


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

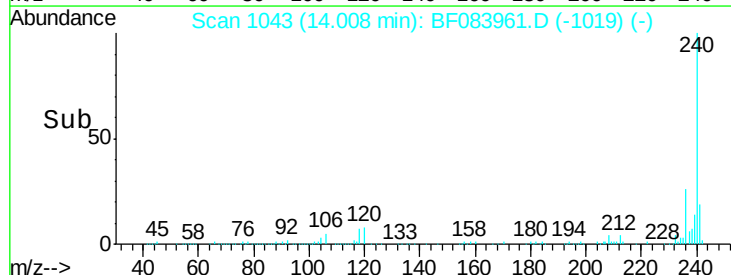
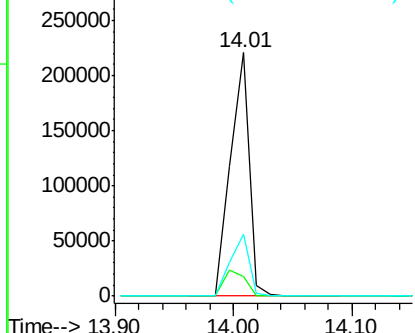


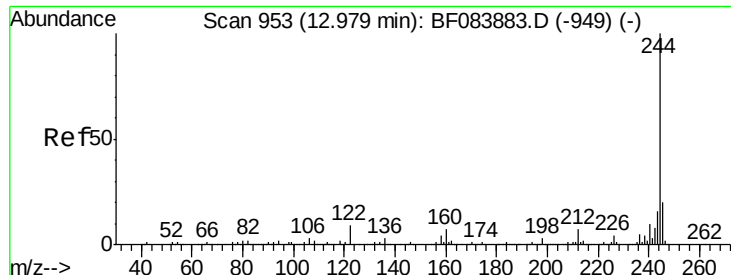
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Tgt Ion:240 Resp: 241355
 Ion Ratio Lower Upper
 240 100
 120 7.9 9.5 14.3#
 236 25.5 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

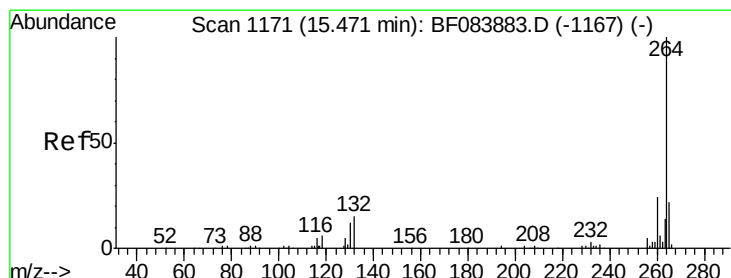
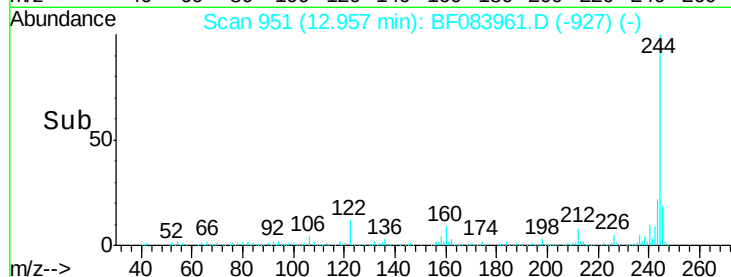
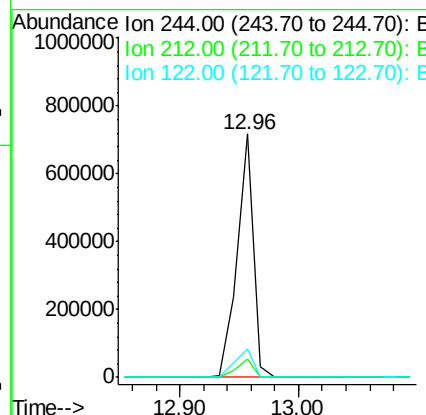
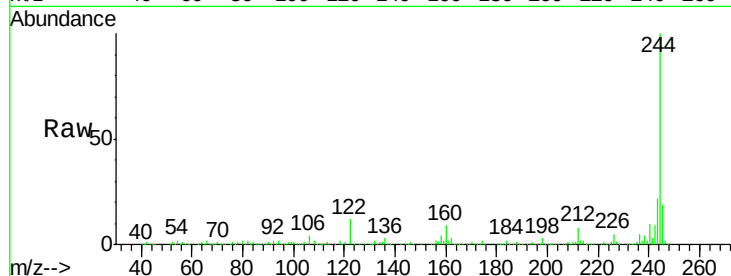




#78
 Terphenyl-d14
 Concen: 64.59 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MIX1

Tgt Ion:244 Resp: 682346
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 11.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.03 min
 Lab File: BF083961.D
 Acq: 19 Dec 2015 18:20

Tgt Ion:264 Resp: 187509
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.4 17.8 26.6

