

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121515\
 Data File : BF083809.D
 Acq On : 15 Dec 2015 10:34
 Operator : UM/IZ
 Sample : G4761-06
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 11:33:31 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

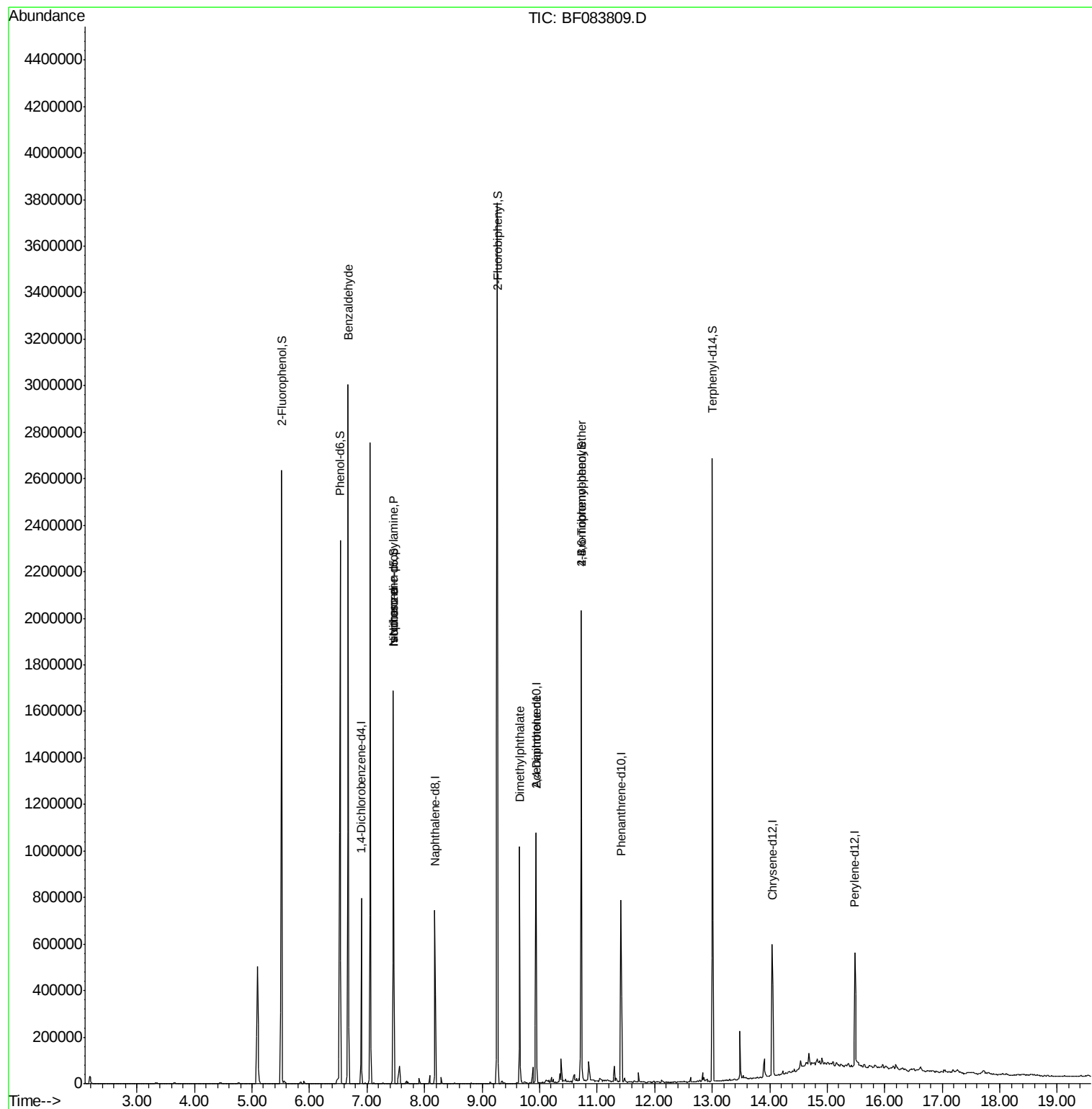
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109074	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	404957	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	206511	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	320179	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	236997	20.00	ng	-0.03
86) Perylene-d12	15.48	264	228819	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	937678	138.69	ng	-0.01
7) Phenol-d6	6.53	99	1037367	121.16	ng	-0.01
23) Nitrobenzene-d5	7.46	82	645040	89.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	292050	138.79	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1224315	87.72	ng	-0.02
78) Terphenyl-d14	13.00	244	875441	79.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	19899	4.33	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	86521	16.50	ng	# 71
25) Isophorone	7.46	82	642098	45.21	ng	# 69
49) Dimethylphthalate	9.65	163	386863	24.03	ng	99
56) 2,4-Dinitrotoluene	9.94	165	26468	5.93	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	20833	5.82	ng	# 1

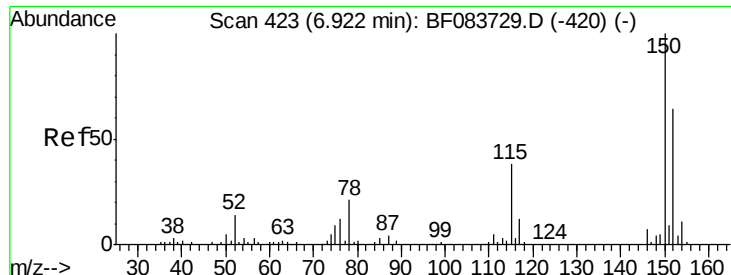
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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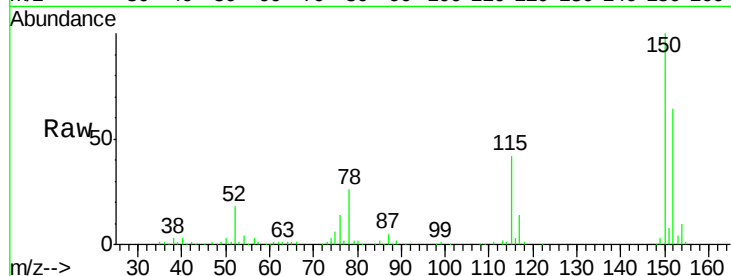




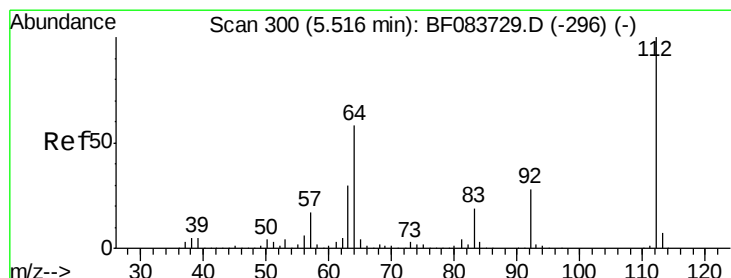
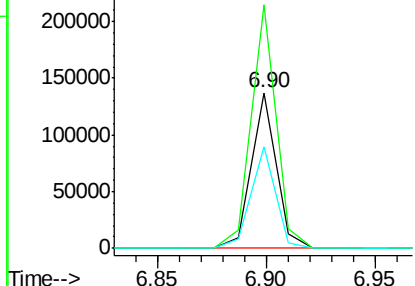
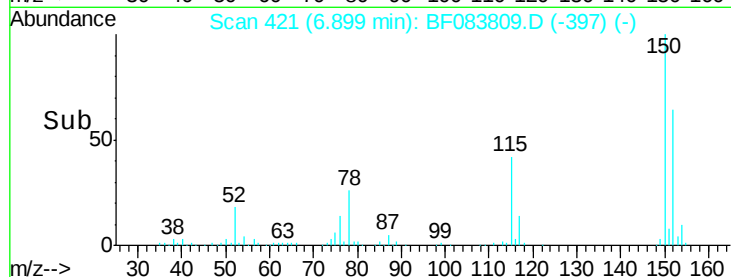
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083809.D
 Acq: 15 Dec 2015 10:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 109074
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.5 189.7
 115 65.5 52.3 78.5

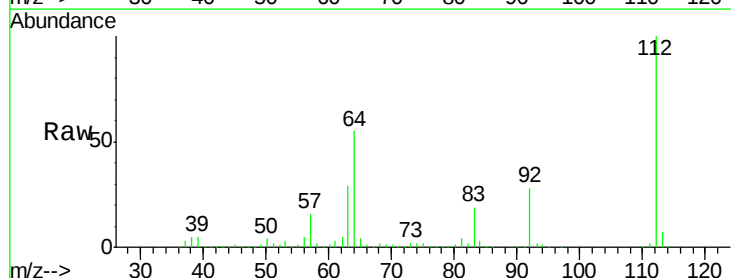


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

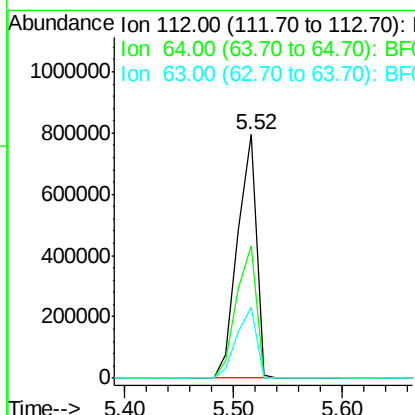
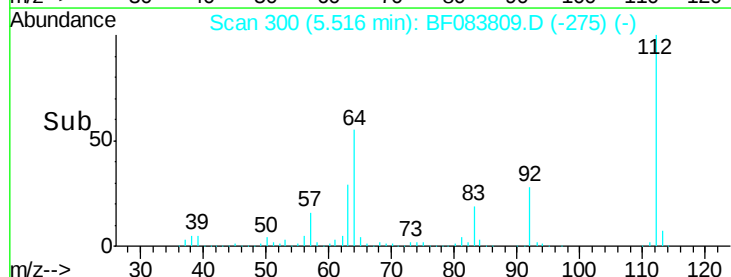


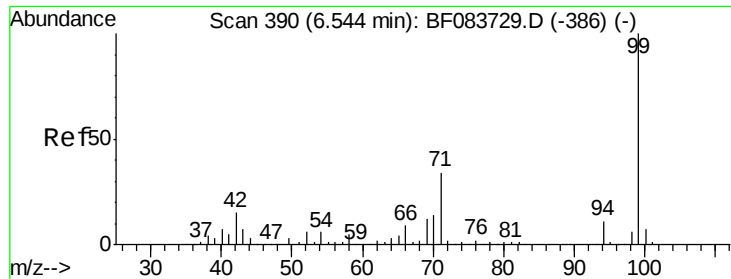
#5
 2-Fluorophenol
 Concen: 138.69 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.01 min
 Lab File: BF083809.D
 Acq: 15 Dec 2015 10:34

Tgt Ion:112 Resp: 937678
 Ion Ratio Lower Upper
 112 100
 64 54.5 50.5 75.7
 63 28.9 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: 121.16 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083809.D

Acq: 15 Dec 2015 10:34

Instrument :

BNA_F

ClientSampled :

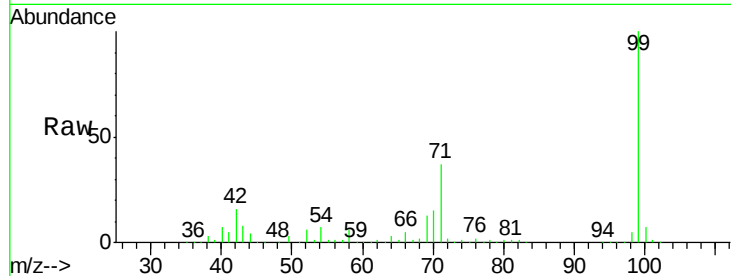
Tot Ion: 99 Resp: 1037367

Ion Ratio Lower Upper

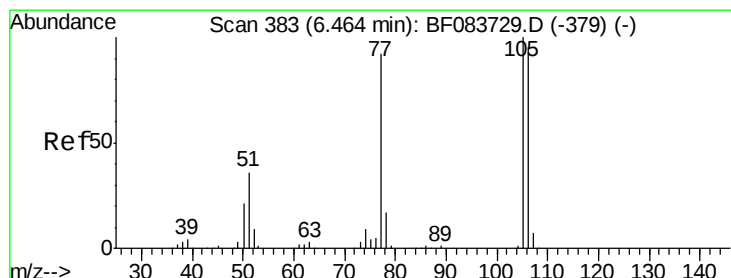
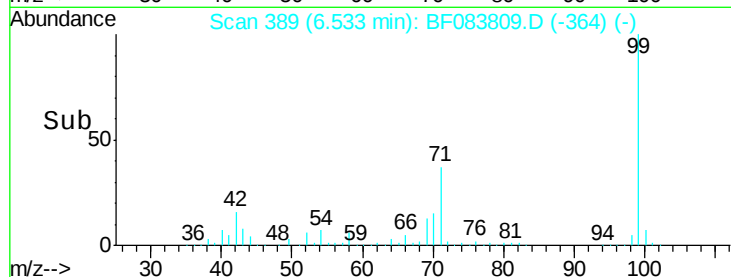
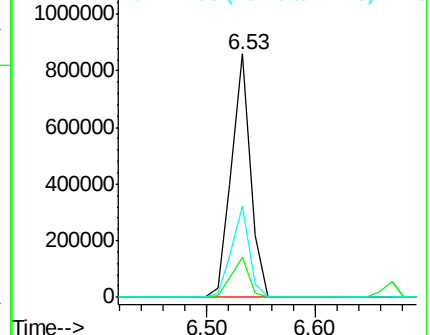
99 100

42 16.3 17.3 25.9#

71 37.3 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: 4.33 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083809.D

Acq: 15 Dec 2015 10:34

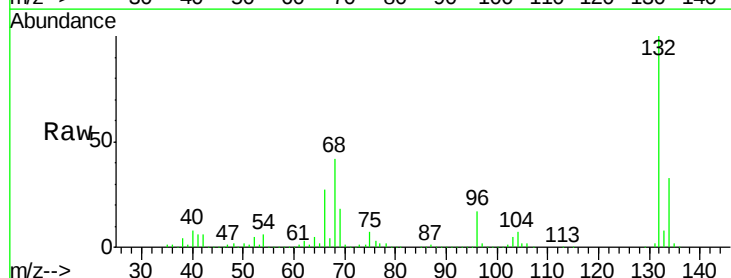
Tgt Ion: 77 Resp: 19899

Ion Ratio Lower Upper

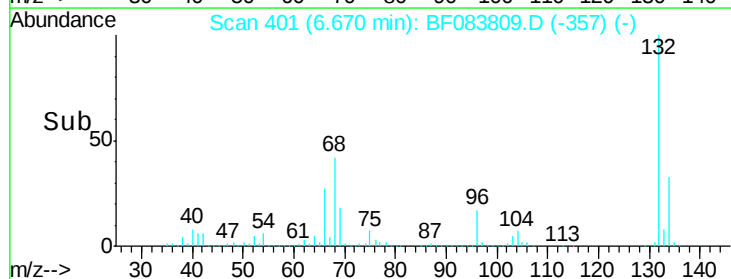
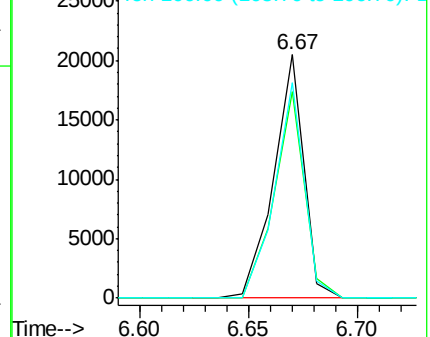
77 100

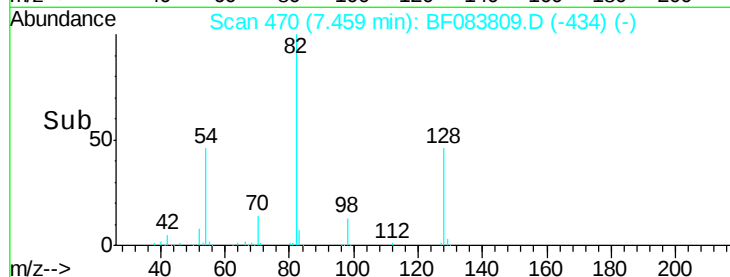
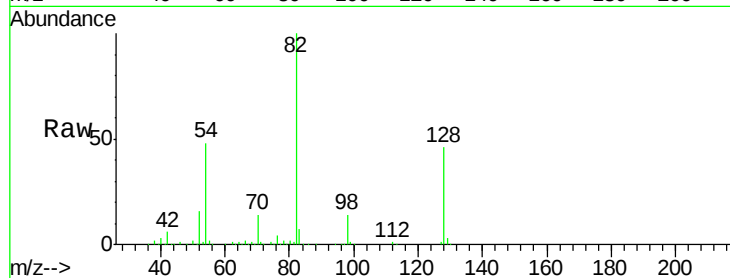
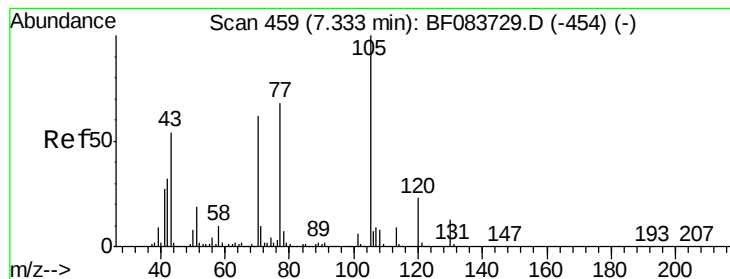
105 85.0 71.8 111.8

106 88.7 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 16.50 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083809.D

Acq: 15 Dec 2015 10:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 86521

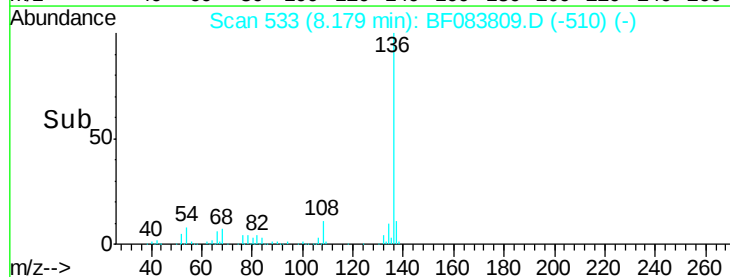
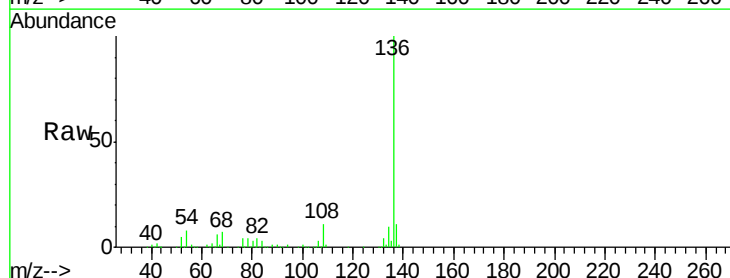
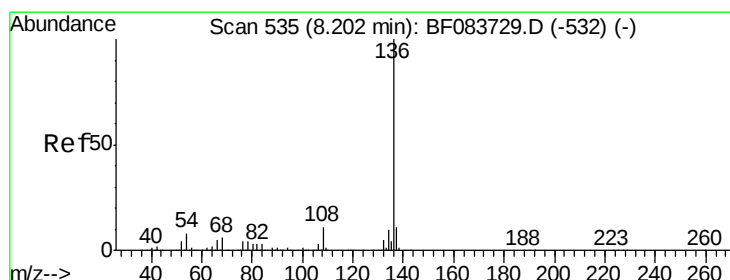
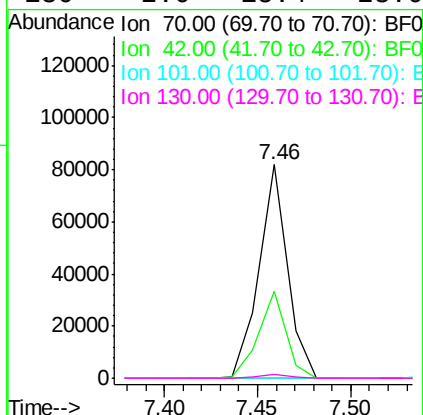
Ion Ratio Lower Upper

70 100

42 40.5 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 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: BF083809.D

Acq: 15 Dec 2015 10:34

Tgt Ion:136 Resp: 404957

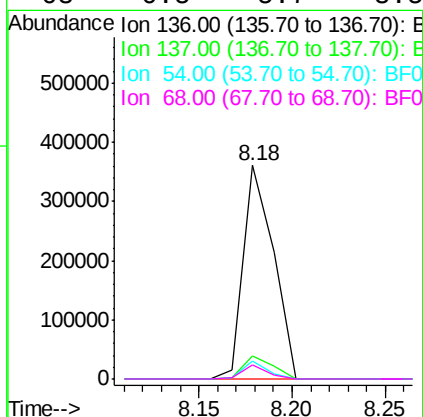
Ion Ratio Lower Upper

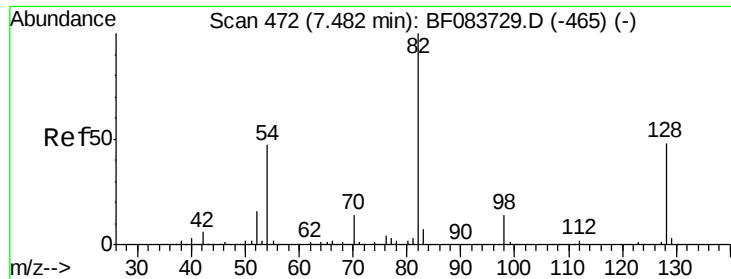
136 100

137 11.1 8.7 13.1

54 8.3 7.8 11.6

68 6.5 5.7 8.5

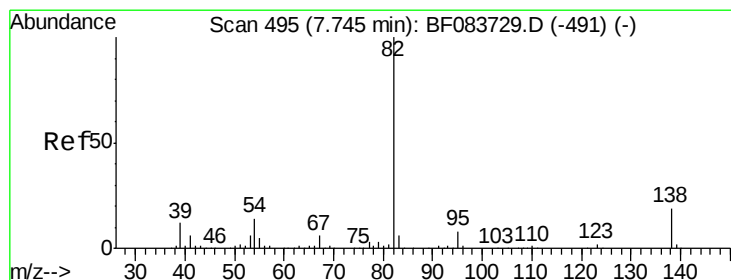
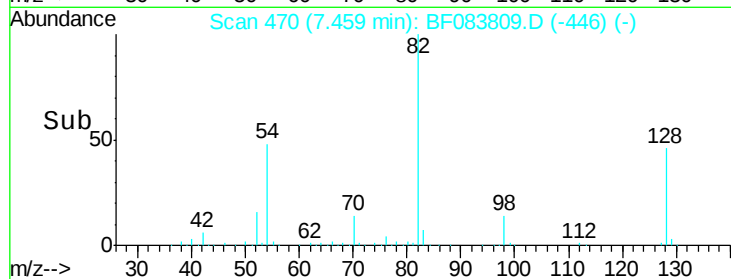
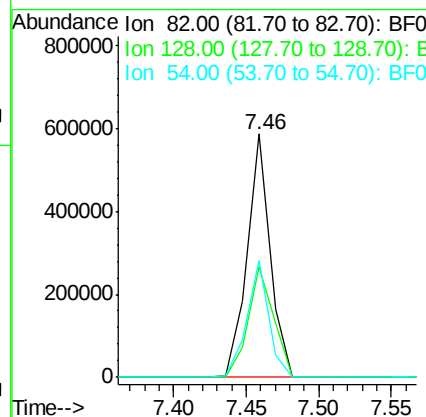
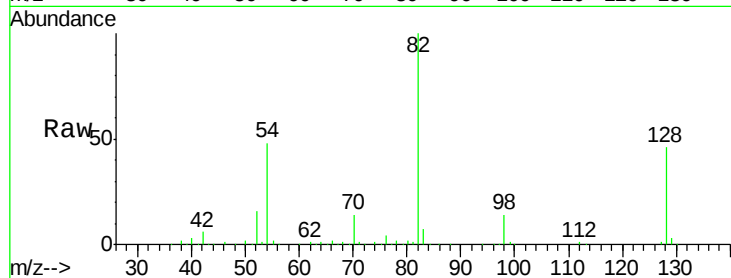




#23
Nitrobenzene-d5
Concen: 89.12 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083809.D
Acq: 15 Dec 2015 10:34

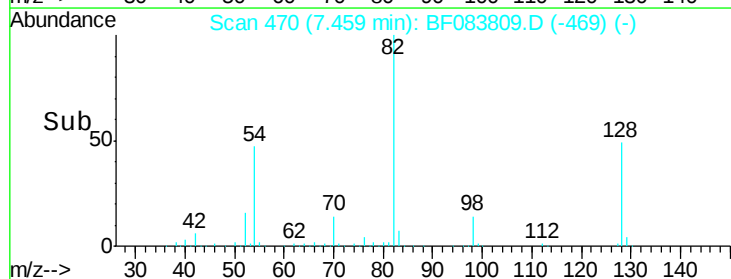
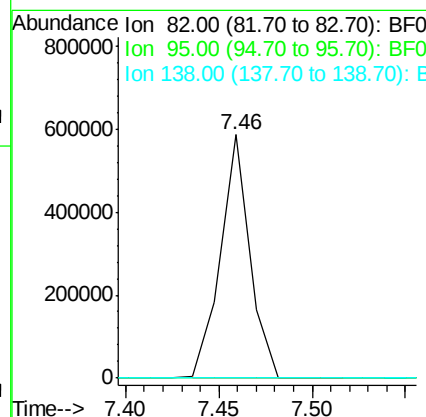
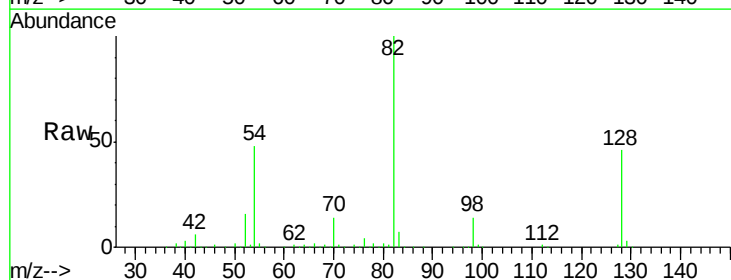
Instrument :
BNA_F
ClientSampleId :

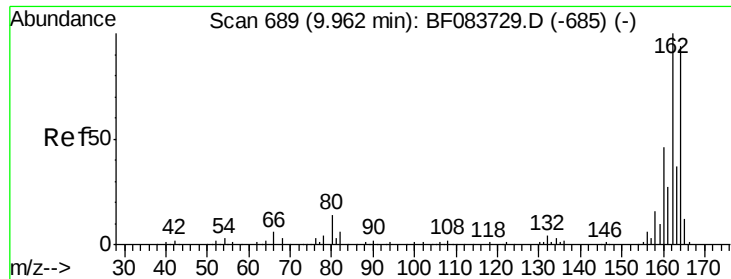
Tot Ion	82	Resp	645040
Ion Ratio	100	Lower	Upper
128	45.6	30.7	46.1
54	47.9	42.5	63.7



#25
Isophorone
Concen: 45.21 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.29 min
Lab File: BF083809.D
Acq: 15 Dec 2015 10:34

Tgt Ion	82	Resp	642098
Ion Ratio	100	Lower	Upper
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: BF083809.D

Acq: 15 Dec 2015 10:34

Instrument :

BNA_F

ClientSampleId :

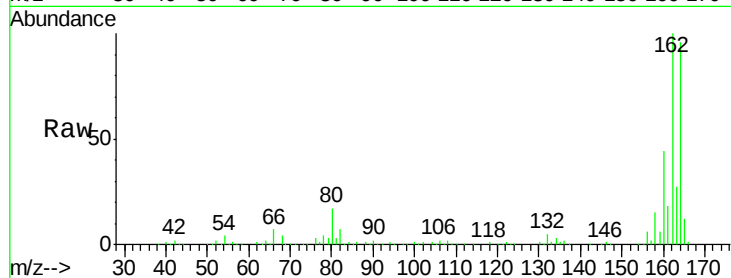
Tot Ion:164 Resp: 206511

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

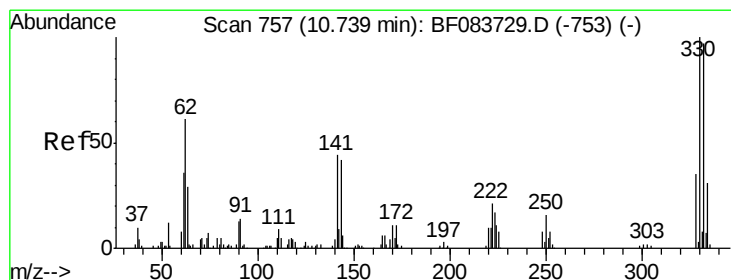
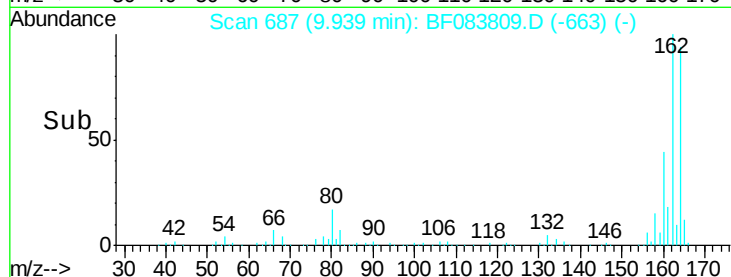
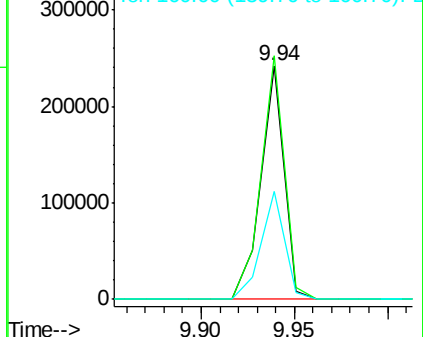
160 46.0 33.4 50.2



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: 138.79 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083809.D

Acq: 15 Dec 2015 10:34

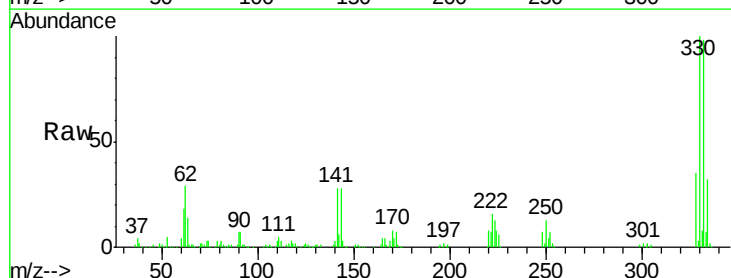
Tgt Ion:330 Resp: 292050

Ion Ratio Lower Upper

330 100

332 97.6 0.0 0.0#

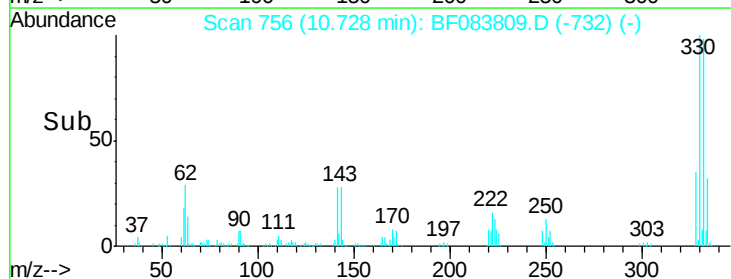
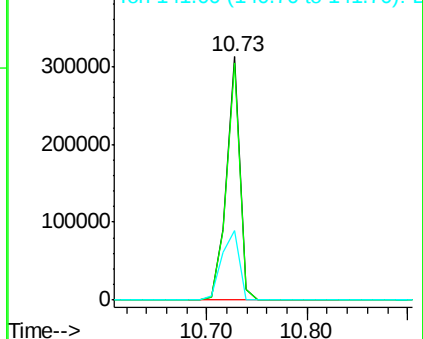
141 37.3 0.0 0.0#

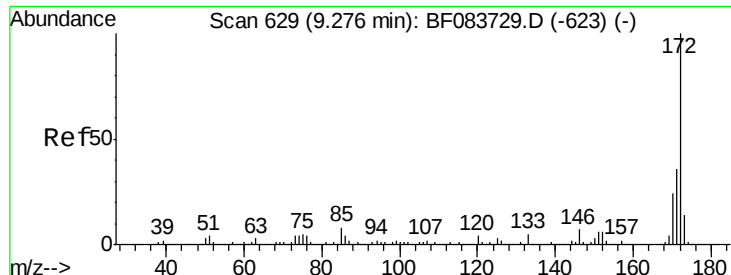


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

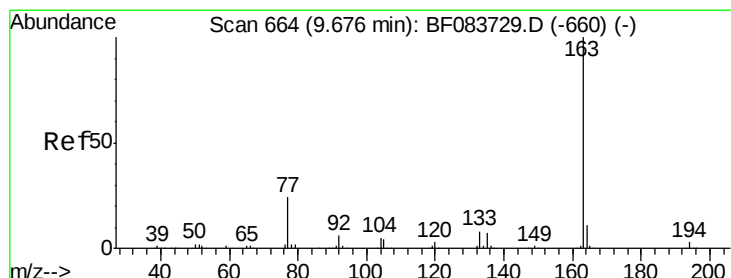
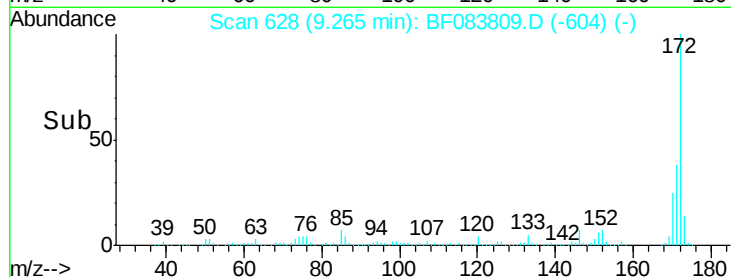
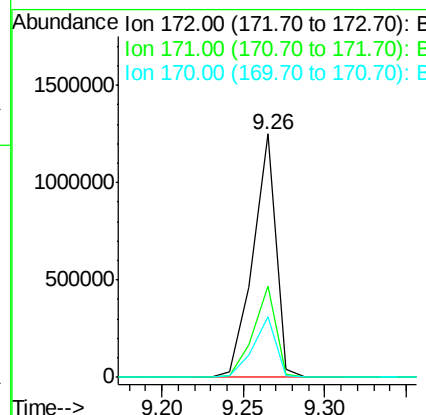
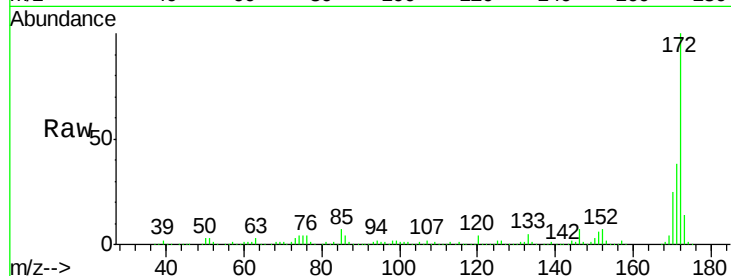




#44
2-Fluorobiphenyl
Concen: 87.72 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083809.D
Acq: 15 Dec 2015 10:34

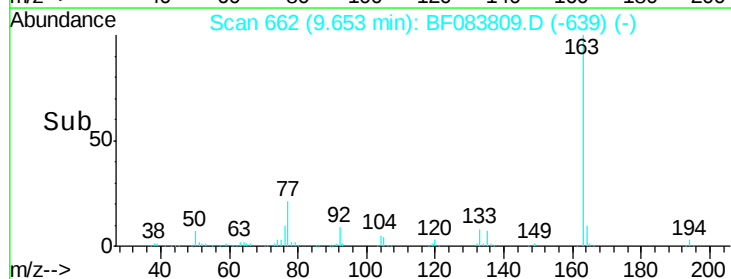
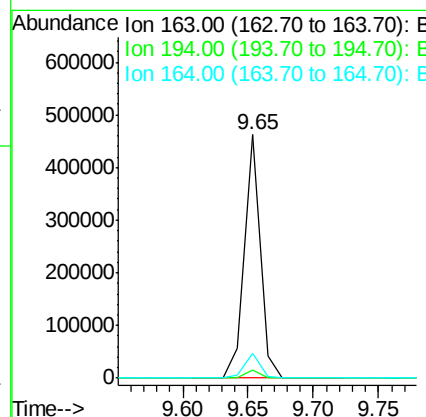
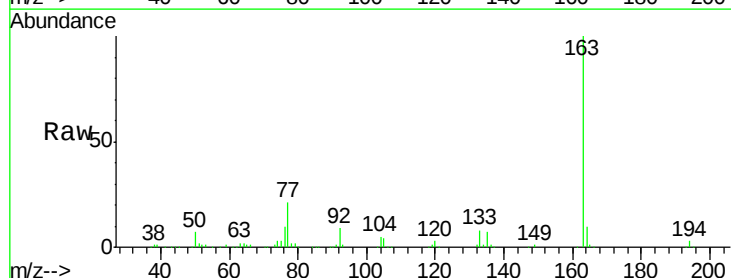
Instrument :
BNA_F
ClientSampleId :

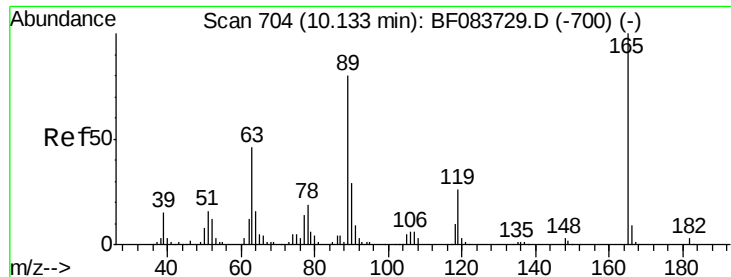
Tot Ion:172 Resp: 1224315
Ion Ratio Lower Upper
172 100
171 37.5 28.6 42.8
170 25.0 19.4 29.0



#49
Dimethylphthalate
Concen: 24.03 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083809.D
Acq: 15 Dec 2015 10:34

Tgt Ion:163 Resp: 386863
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 8.6 13.0





#56

2,4-Dinitrotoluene

Concen: 5.93 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.20 min

Lab File: BF083809.D

Acq: 15 Dec 2015 10:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 26468

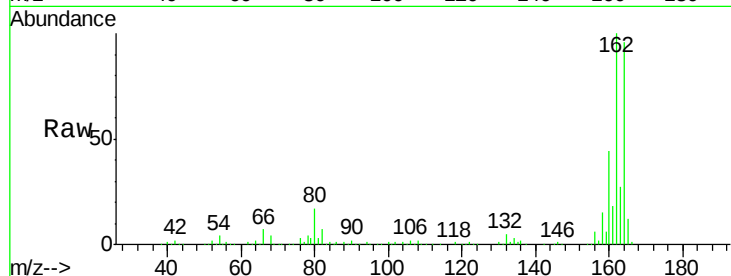
Ion Ratio Lower Upper

165 100

63 1.2 51.4 77.2#

89 1.4 72.6 108.8#

182 0.0 1.4 2.0#

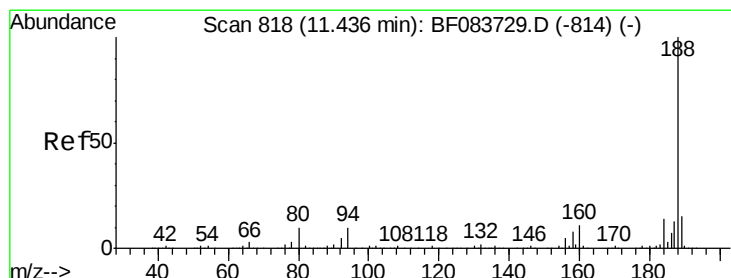
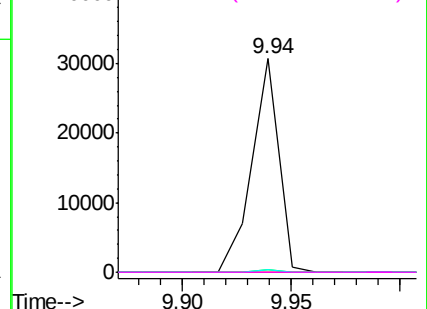
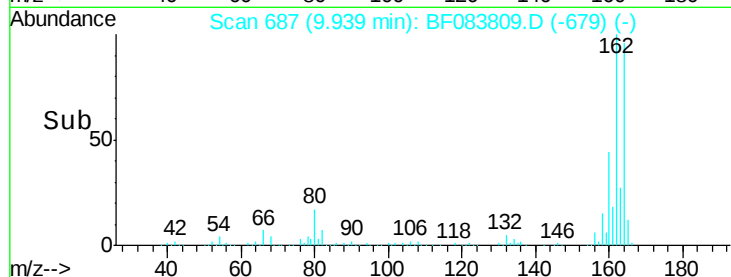


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083809.D

Acq: 15 Dec 2015 10:34

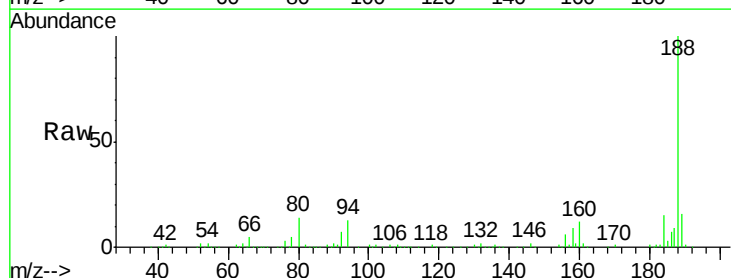
Tgt Ion:188 Resp: 320179

Ion Ratio Lower Upper

188 100

94 13.0 9.4 14.2

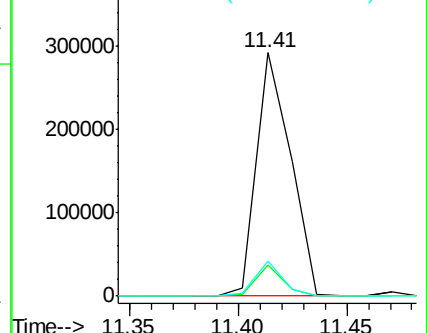
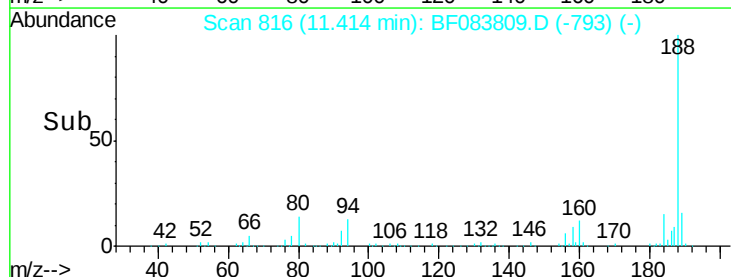
80 14.4 10.6 16.0

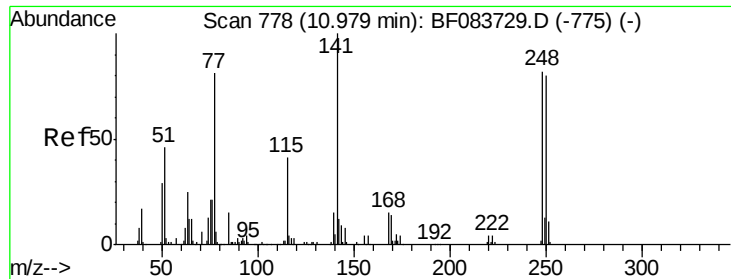


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

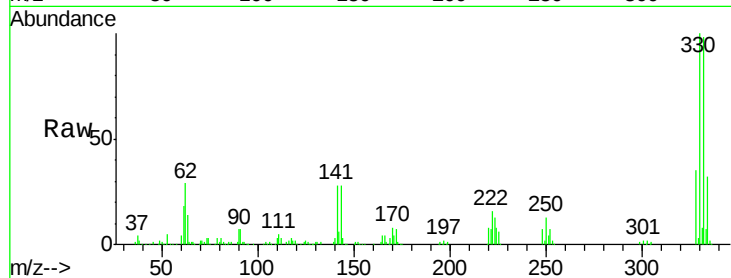




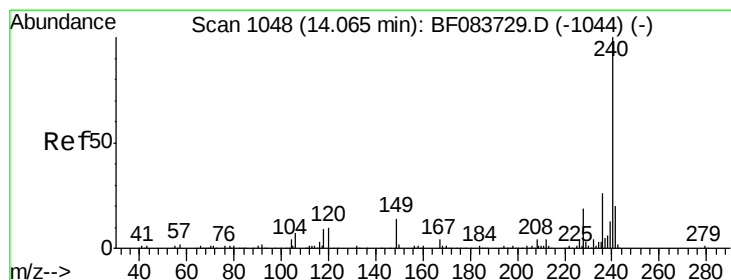
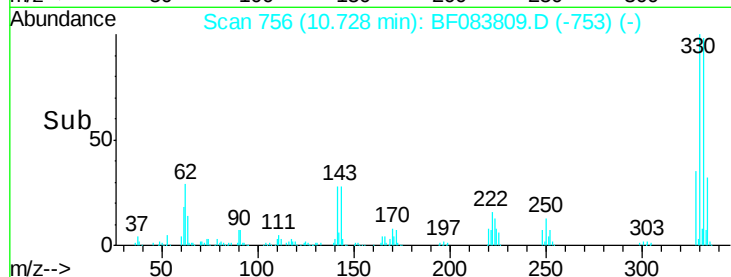
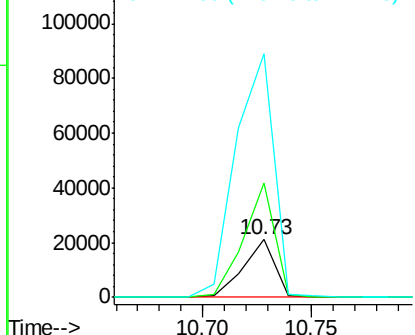
#66
 4-Bromophenyl-phenylether
 Concen: 5.82 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083809.D
 Acq: 15 Dec 2015 10:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 20833
 Ion Ratio Lower Upper
 248 100
 250 197.5 79.2 118.8#
 141 422.7 58.2 87.4#

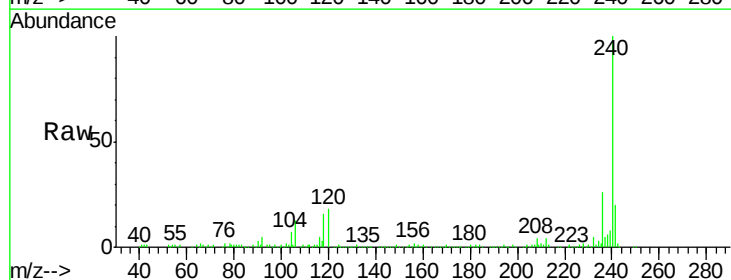


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

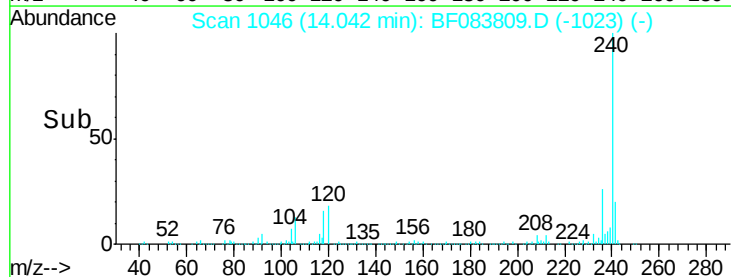
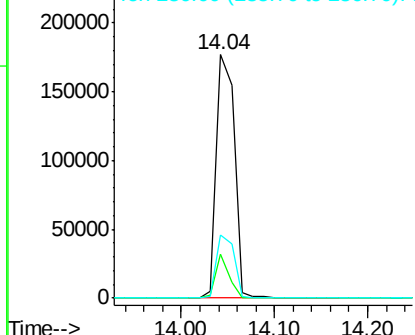


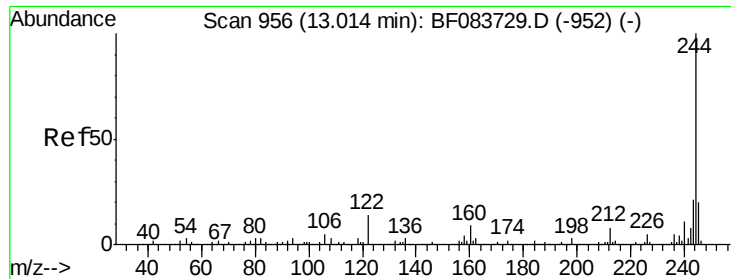
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083809.D
 Acq: 15 Dec 2015 10:34

Tgt Ion:240 Resp: 236997
 Ion Ratio Lower Upper
 240 100
 120 18.0 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

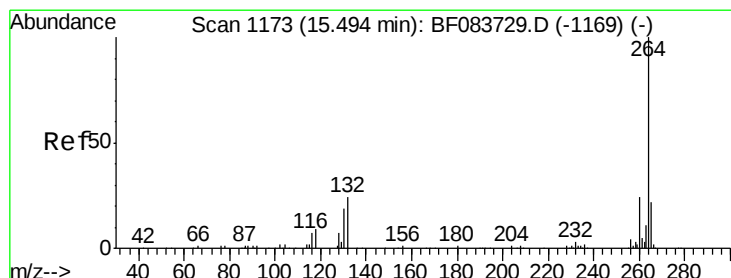
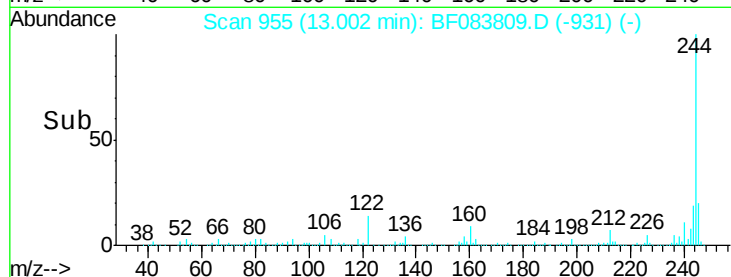
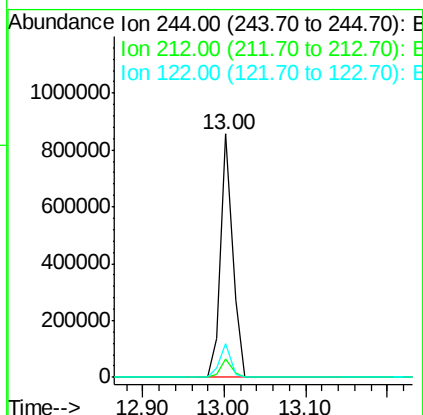
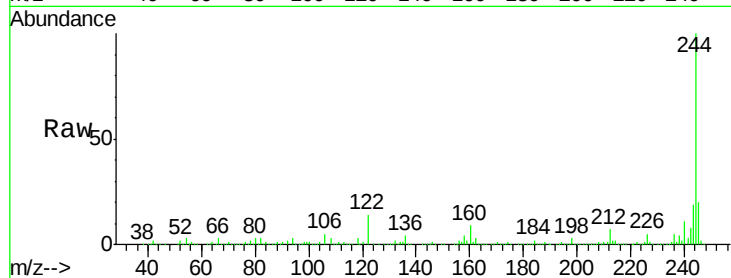




#78
 Terphenyl-d14
 Concen: 79.46 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083809.D
 Acq: 15 Dec 2015 10:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 875441
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 14.0 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: BF083809.D
 Acq: 15 Dec 2015 10:34

Tgt Ion:264 Resp: 228819
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.0
 265 21.7 17.8 26.6

