

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083591.D
 Acq On : 8 Dec 2015 9:44
 Operator : UM/IZ
 Sample : G4588-22
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Quant Time: Dec 08 10:31:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

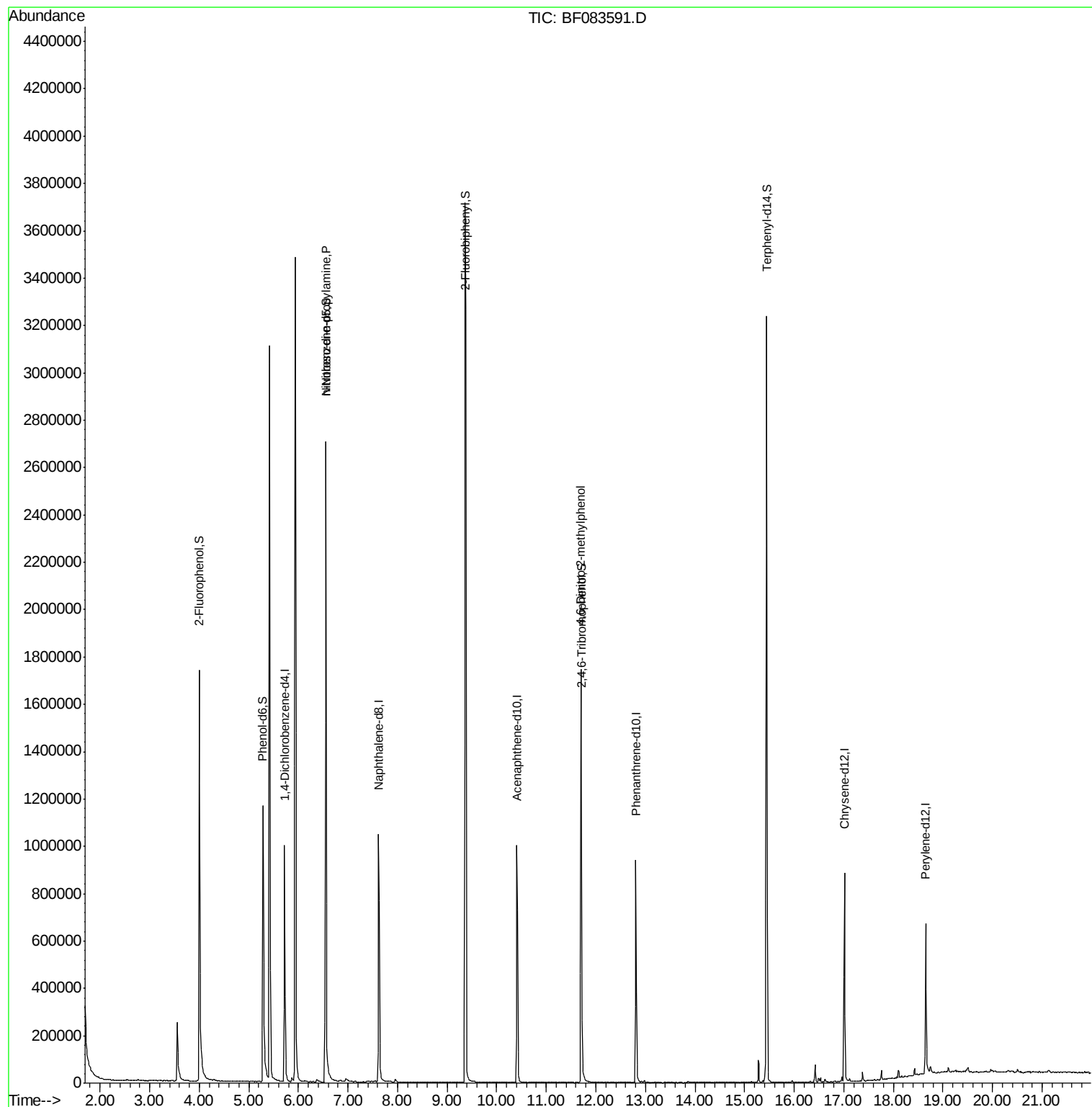
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	200750	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	718318	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	316332	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	489893	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	440694	20.00	ng	-0.03
86) Perylene-d12	18.65	264	323552	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	795962	60.15	ng	-0.03
7) Phenol-d6	5.29	99	633171	34.73	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1378105	89.68	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	332932	114.09	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	2079690	89.17	ng	-0.06
78) Terphenyl-d14	15.45	244	1589560	80.26	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.56	70	179854	14.79	ng	# 81
64) 4,6-Dinitro-2-methylphenol	11.70	198	734	3.69	ng	# 1

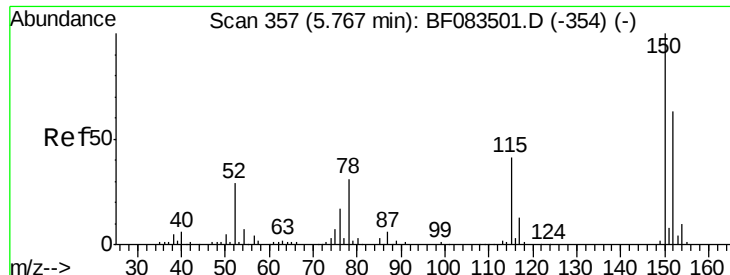
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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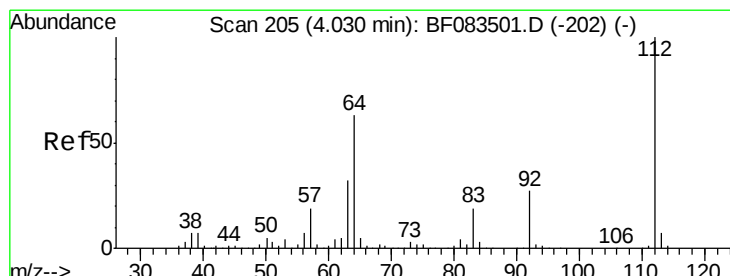
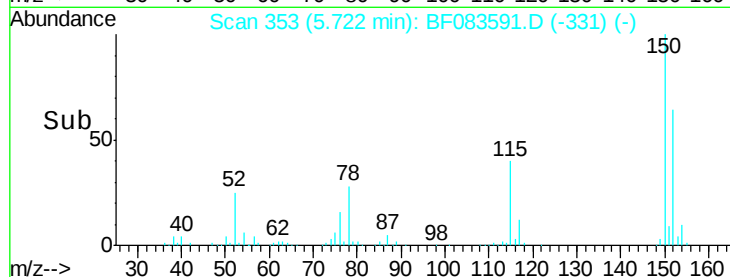
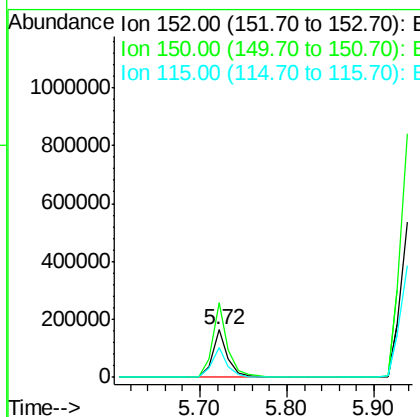
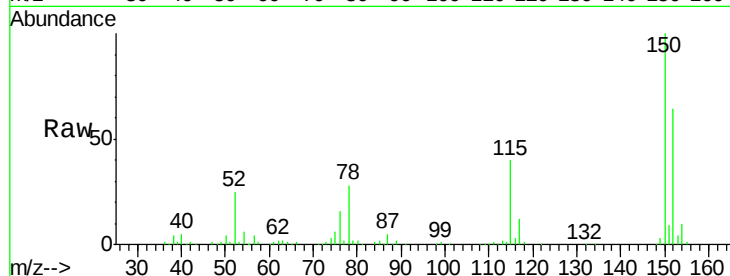




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.72 min Scan# 353
 Delta R.T. -0.05 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

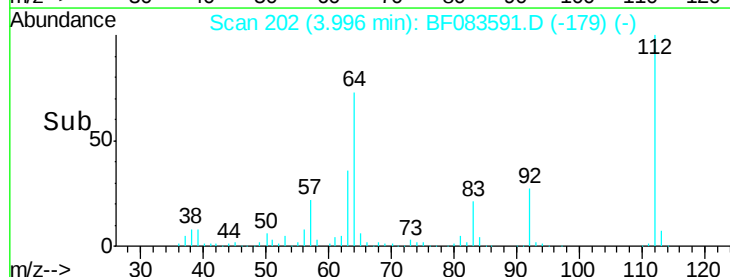
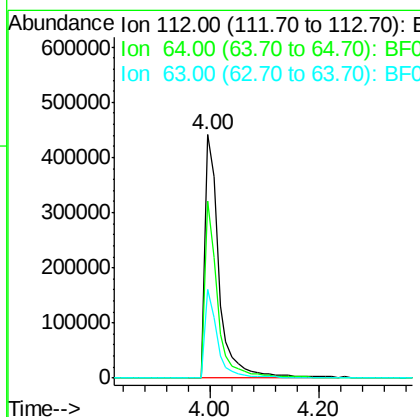
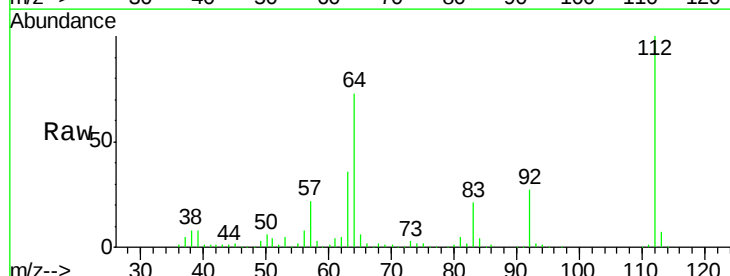
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion:152 Resp: 200750
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.5 189.7
 115 62.2 52.3 78.5



#5
 2-Fluorophenol
 Concen: 60.15 ng
 RT: 4.00 min Scan# 202
 Delta R.T. -0.03 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Tgt Ion:112 Resp: 795962
 Ion Ratio Lower Upper
 112 100
 64 72.7 50.5 75.7
 63 36.4 25.8 38.6





#7

Phenol-d6

Concen: 34.73 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083591.D

Acq: 8 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-1

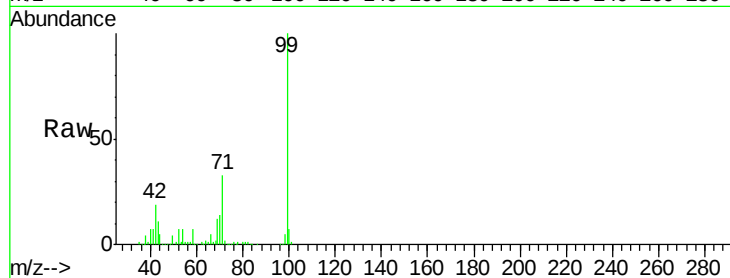
Tot Ion: 99 Resp: 633171

Ion Ratio Lower Upper

99 100

42 19.2 17.3 25.9

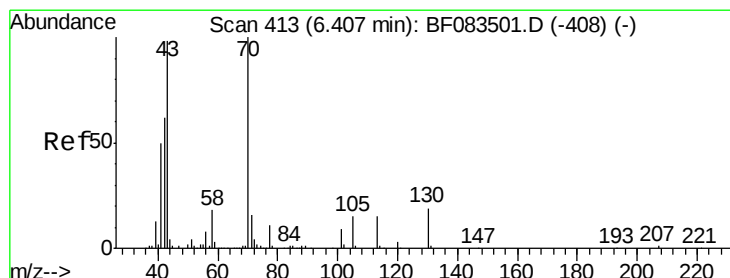
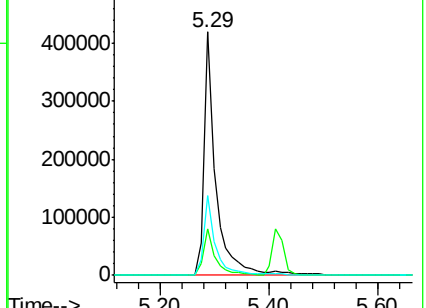
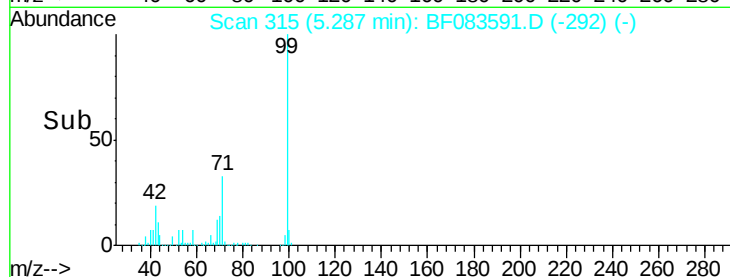
71 32.6 26.6 40.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.79 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083591.D

Acq: 8 Dec 2015 9:44

Tgt Ion: 70 Resp: 179854

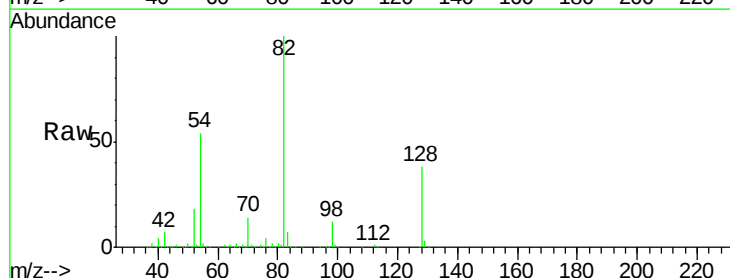
Ion Ratio Lower Upper

70 100

42 52.6 49.2 73.8

101 0.0 7.1 10.7#

130 1.9 15.4 23.0#

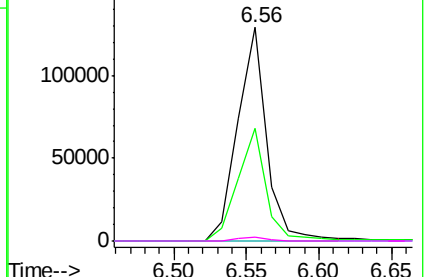
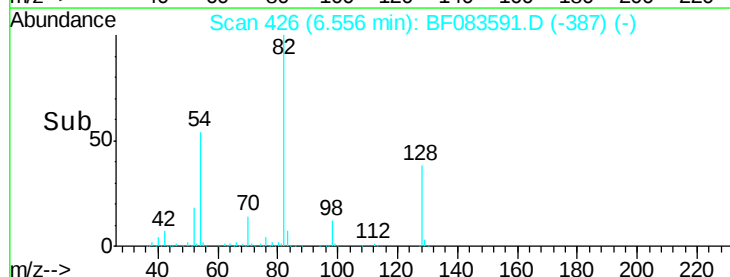


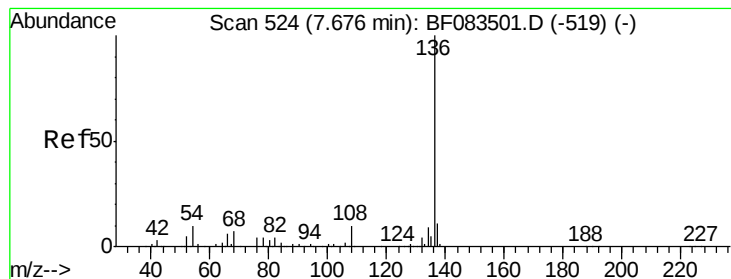
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083591.D

Acq: 8 Dec 2015 9:44

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-1

Tot Ion:136 Resp: 718318

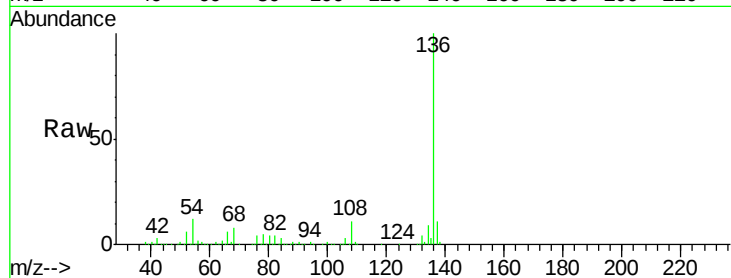
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 11.7 7.8 11.6#

68 8.0 5.7 8.5

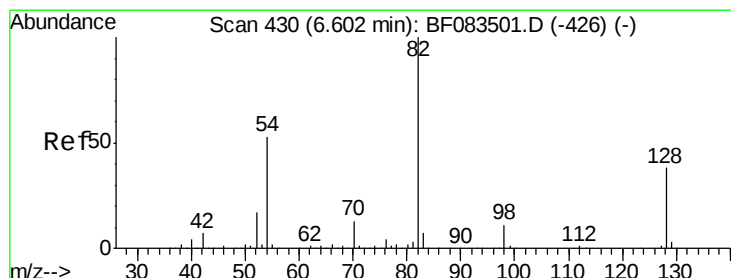
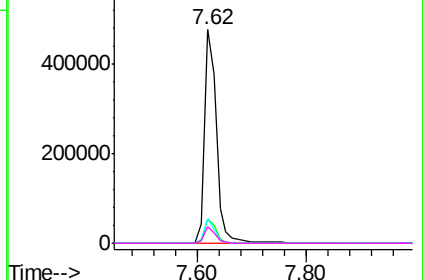
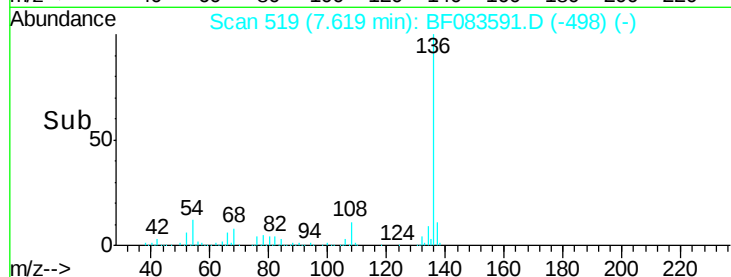


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 89.68 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF083591.D

Acq: 8 Dec 2015 9:44

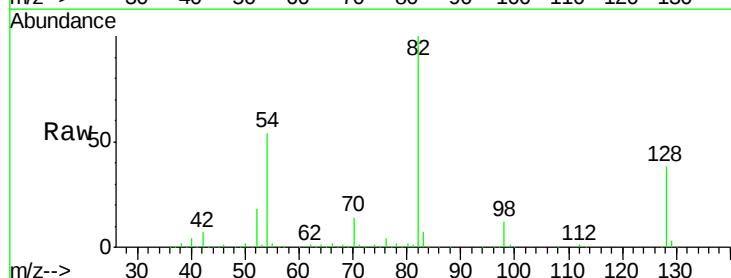
Tgt Ion: 82 Resp: 1378105

Ion Ratio Lower Upper

82 100

128 38.4 30.7 46.1

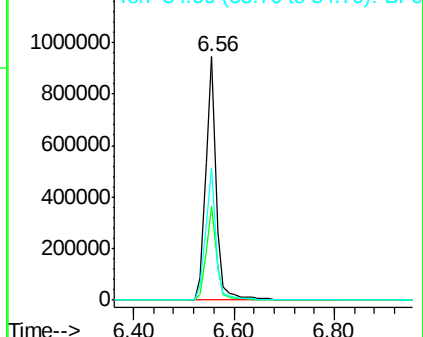
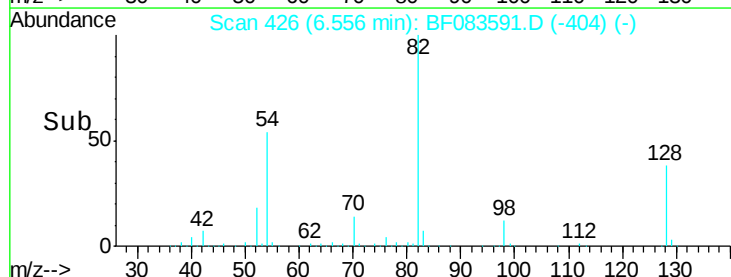
54 54.2 42.5 63.7

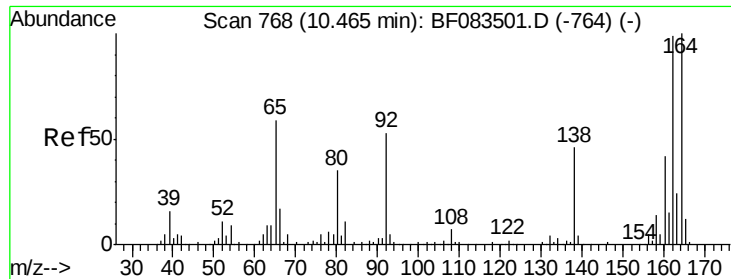


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

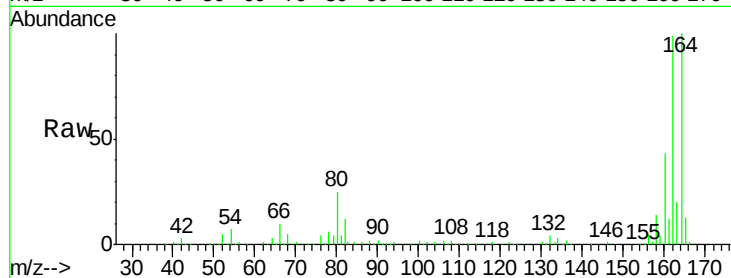




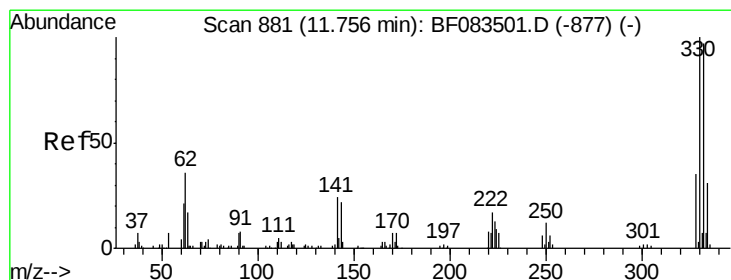
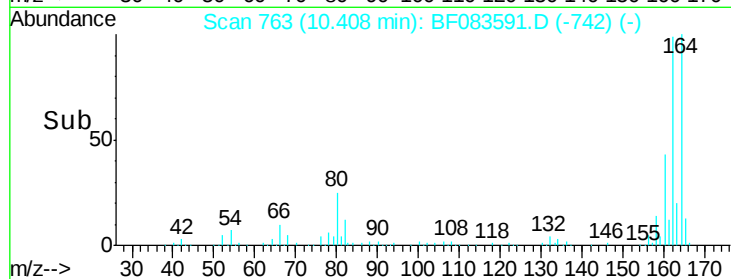
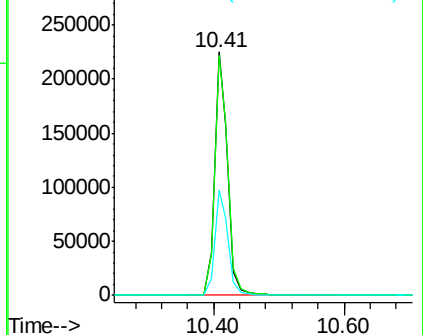
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.41 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion:164 Resp: 316332
 Ion Ratio Lower Upper
 164 100
 162 98.5 78.8 118.2
 160 43.1 33.4 50.2

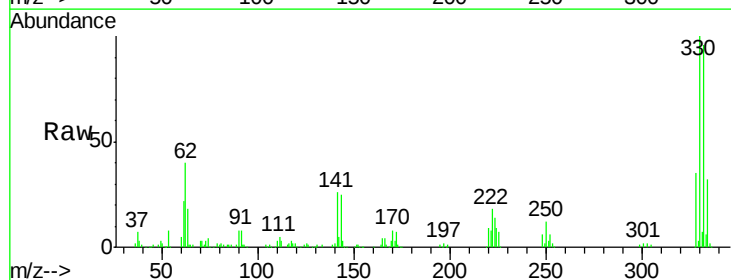


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

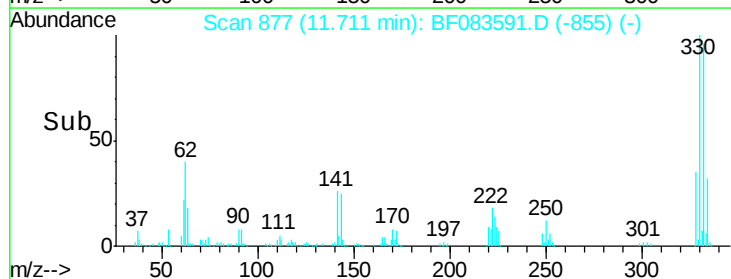
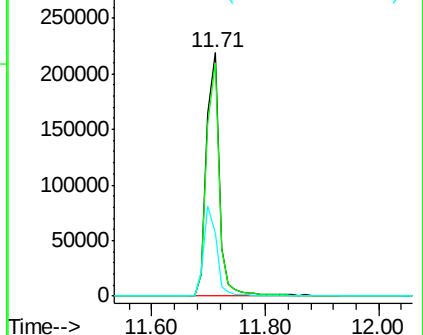


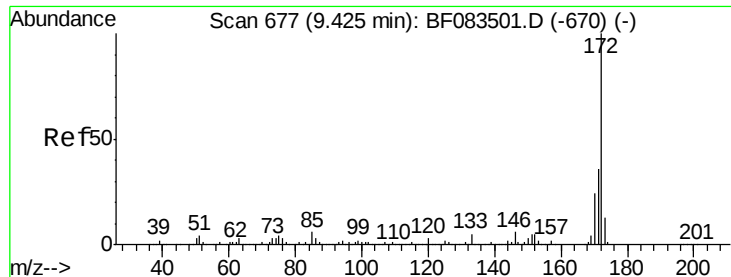
#41
 2,4,6-Tribromophenol
 Concen: 114.09 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Tgt Ion:330 Resp: 332932
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 37.4 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



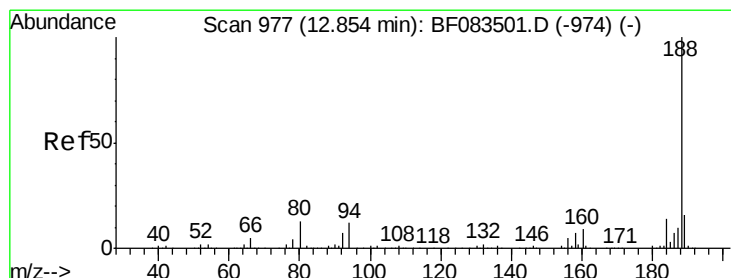
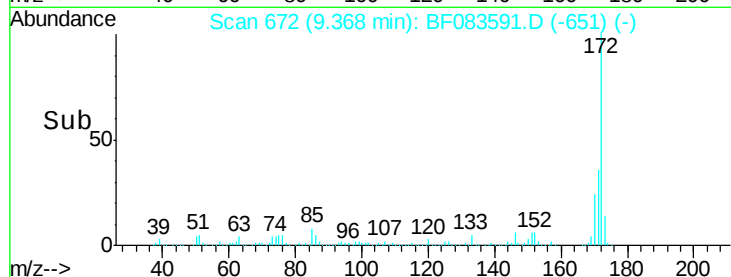
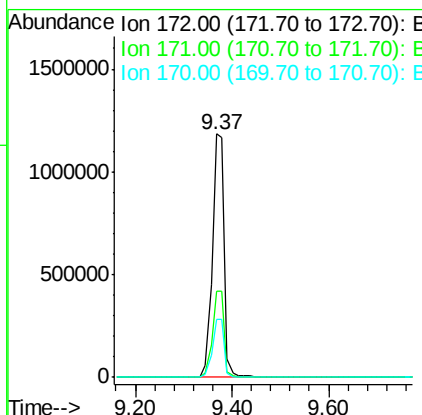
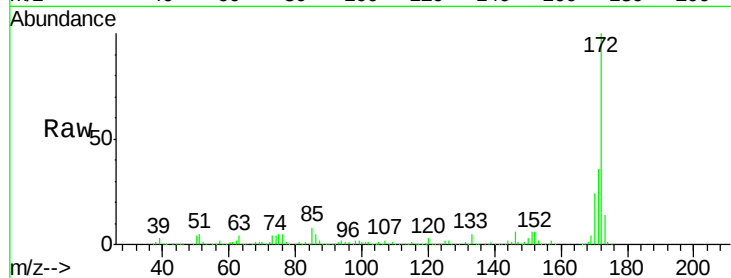


#44
 2-Fluorobiphenyl
 Concen: 89.17 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion:172 Resp: 2079690

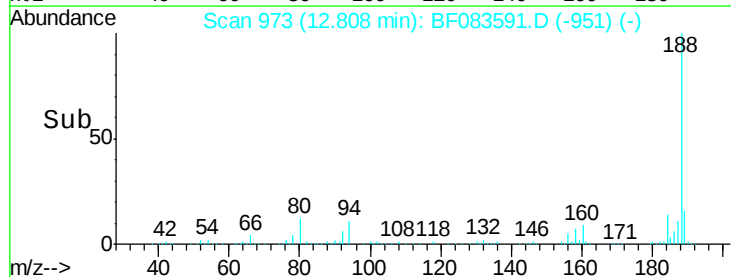
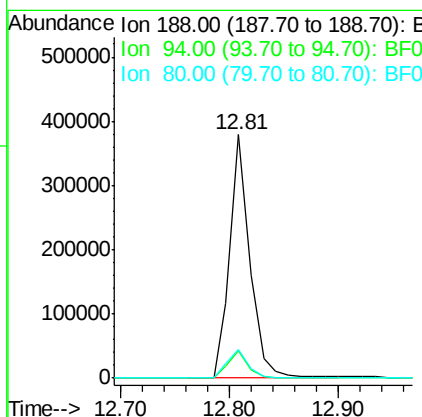
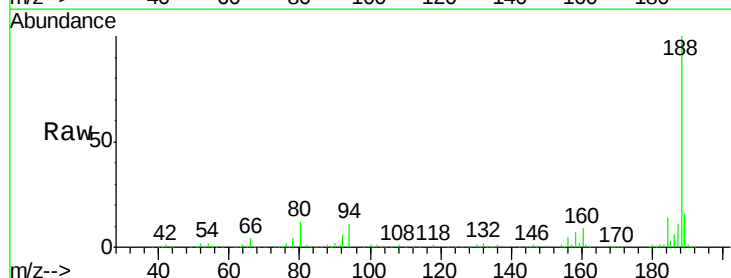
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.0	19.4	29.0

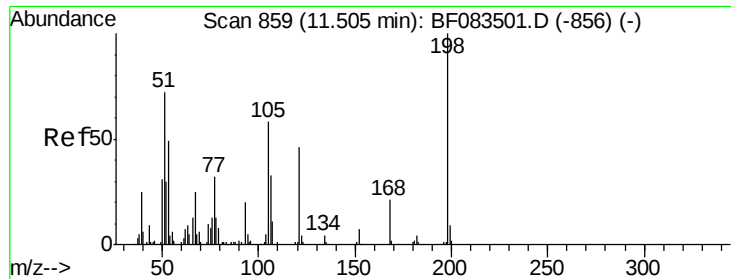


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Tgt Ion:188 Resp: 489893

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.0	10.6	16.0

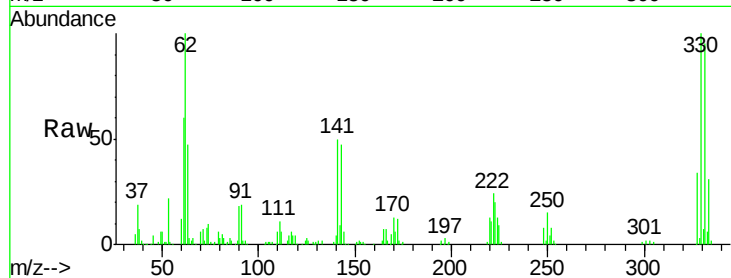




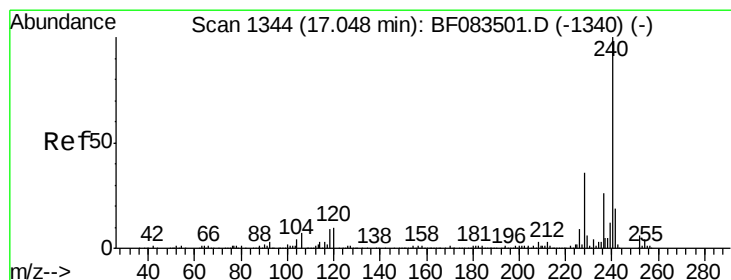
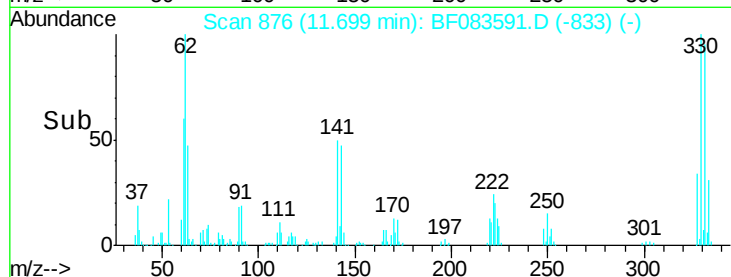
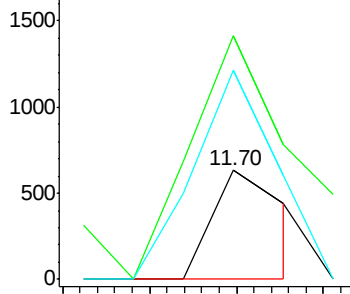
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.69 ng
 RT: 11.70 min Scan# 876
 Delta R.T. 0.20 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion:198 Resp: 734
 Ion Ratio Lower Upper
 198 100
 51 223.6 53.8 93.8#
 105 192.6 38.6 78.6#

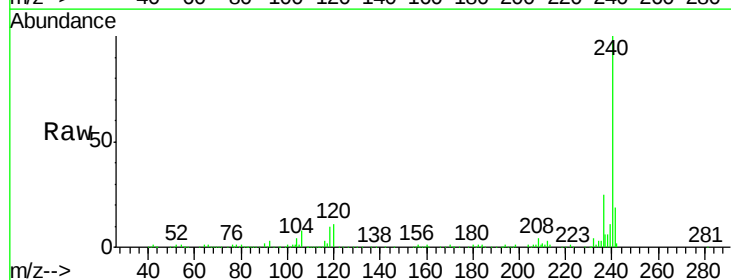


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

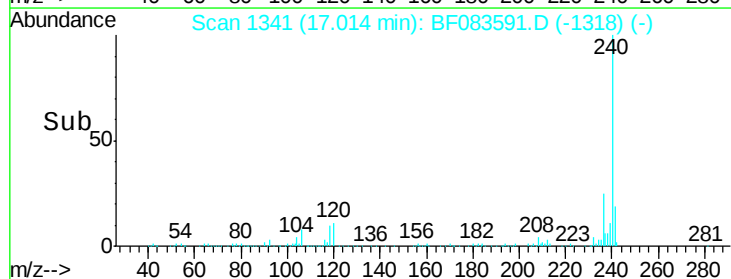
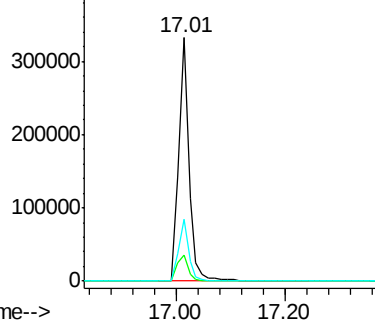


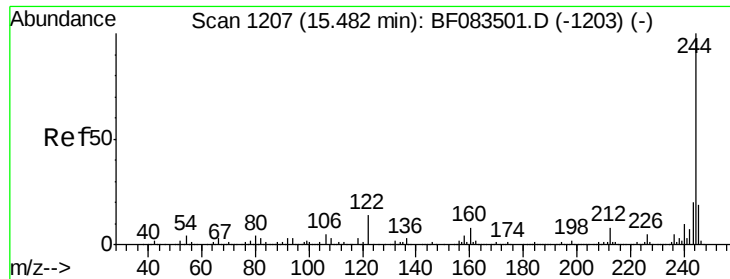
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Tgt Ion:240 Resp: 440694
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 25.5 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

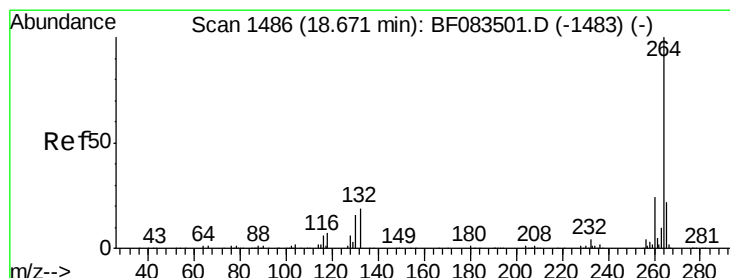
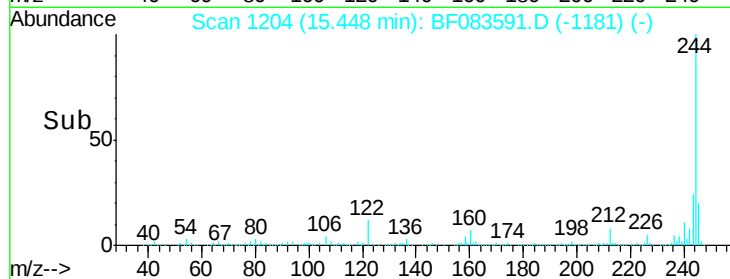
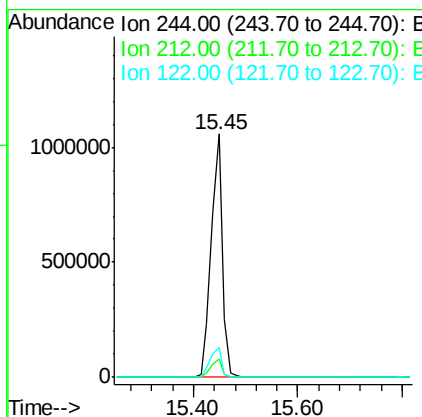
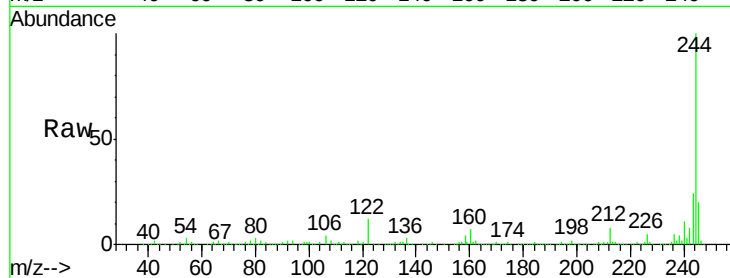




#78
 Terphenyl-d14
 Concen: 80.26 ng
 RT: 15.45 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-1

Tot Ion:244 Resp: 1589560
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.0 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083591.D
 Acq: 8 Dec 2015 9:44

Tgt Ion:264 Resp: 323552
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 22.3 17.8 26.6

