

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
 Data File : BF083753.D
 Acq On : 14 Dec 2015 2:46
 Operator : UM/IZ
 Sample : G4758-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCC-6

Quant Time: Dec 14 03:40:39 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

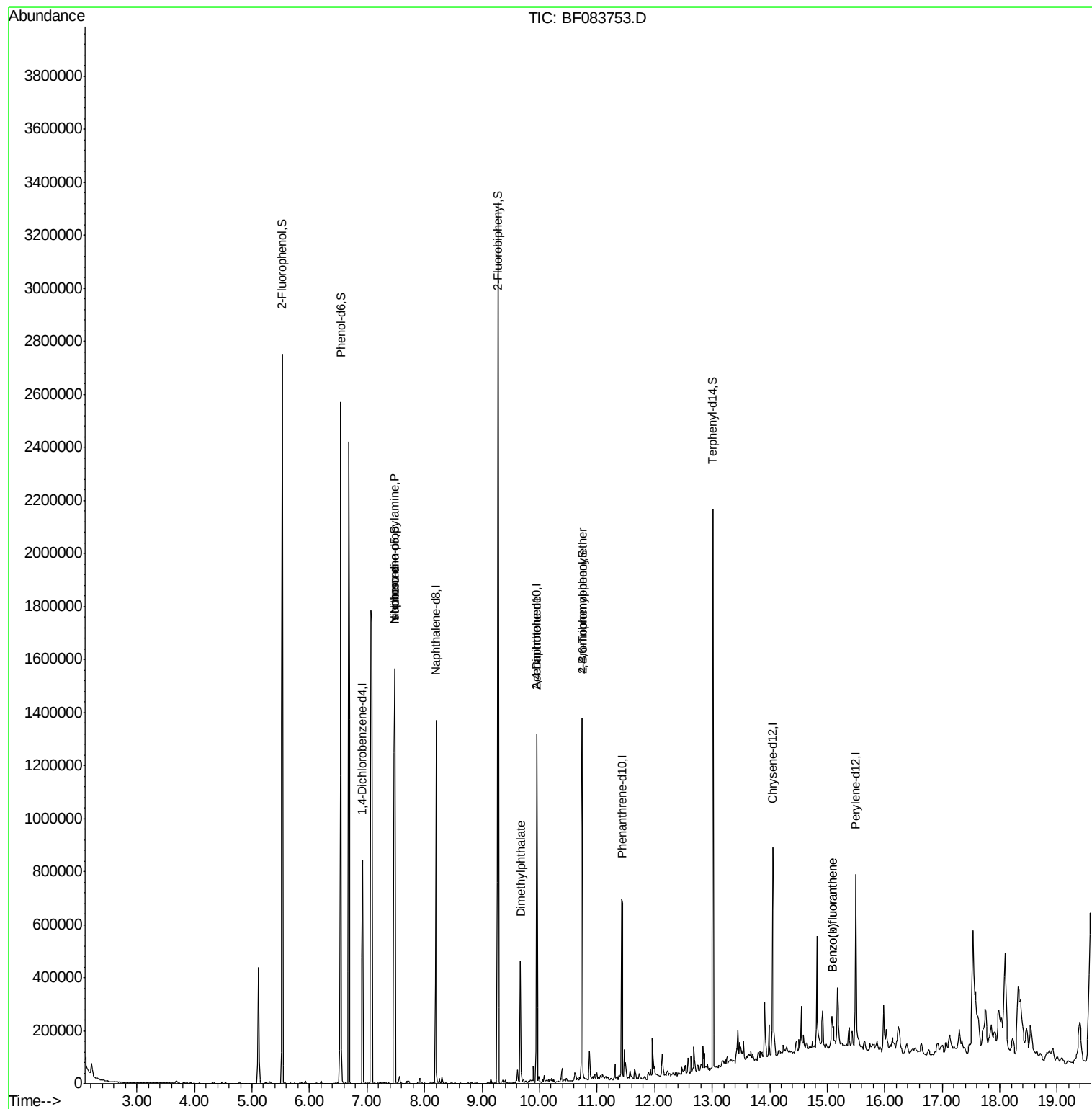
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156906	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	609351	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	246949	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	367335	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	311782	20.00	ng	-0.02
86) Perylene-d12	15.49	264	349297	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	862064	88.63	ng	0.00
7) Phenol-d6	6.54	99	998833	81.09	ng	0.00
23) Nitrobenzene-d5	7.48	82	720032	66.11	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	223122	88.67	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	995445	53.10	ng	-0.01
78) Terphenyl-d14	13.01	244	601095	41.47	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	94513	12.53	ng	# 67
25) Isophorone	7.48	82	680170	31.83	ng	# 69
49) Dimethylphthalate	9.66	163	162262	8.43	ng	99
56) 2,4-Dinitrotoluene	9.95	165	31589	5.92	ng	# 12
66) 4-Bromophenyl-phenylether	10.74	248	14705	3.58	ng	# 1
87) Benzo(b)fluoranthene	15.08	252	78850	3.54	ng	# 92
88) Benzo(k)fluoranthene	15.08	252	78850	3.91	ng	96

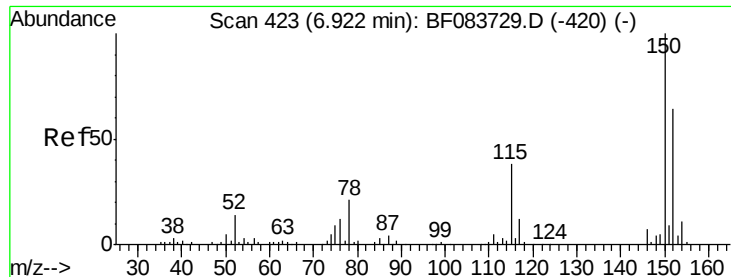
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampleId :

NCC-6

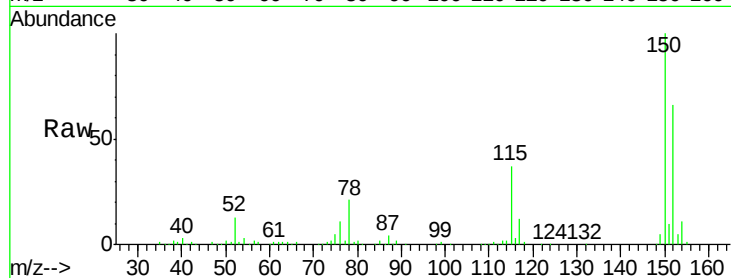
Tgt Ion:152 Resp: 156906

Ion Ratio Lower Upper

152 100

150 151.7 126.5 189.7

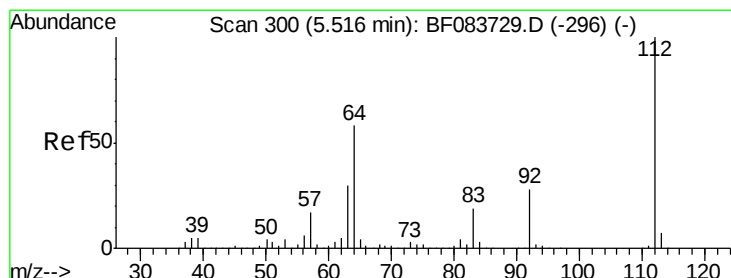
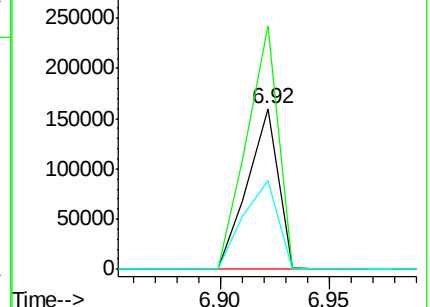
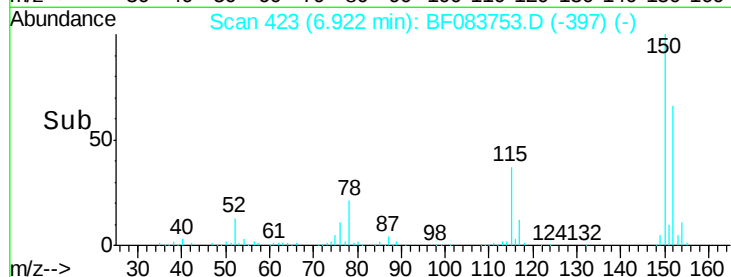
115 55.5 52.3 78.5



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: 88.63 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

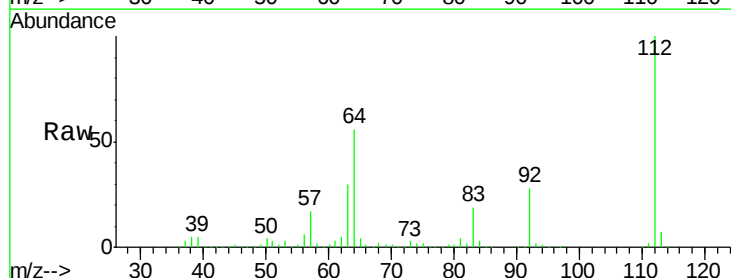
Tgt Ion:112 Resp: 862064

Ion Ratio Lower Upper

112 100

64 55.9 50.5 75.7

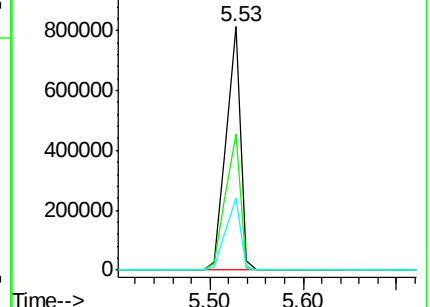
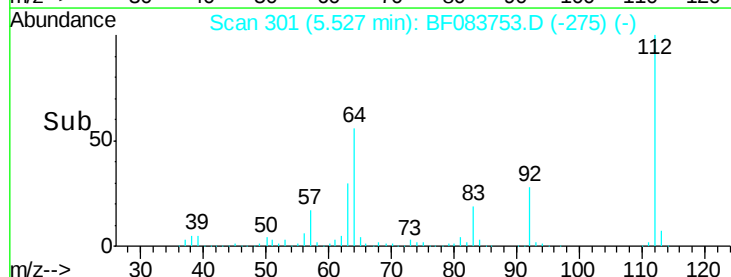
63 29.6 25.8 38.6

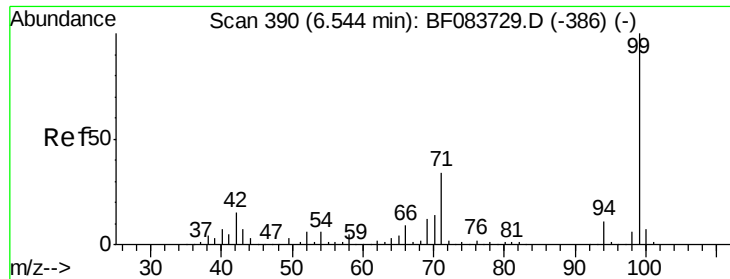


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.09 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampleId :

NCC-6

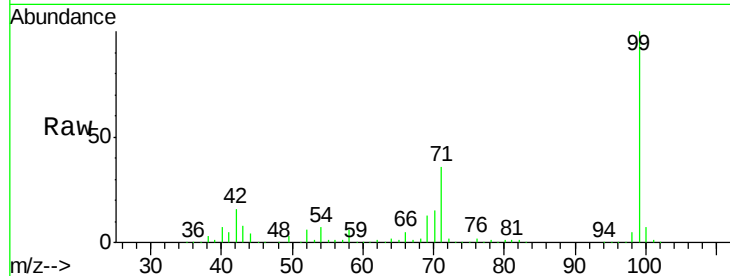
Tgt Ion: 99 Resp: 998833

Ion Ratio Lower Upper

99 100

42 15.9 17.3 25.9#

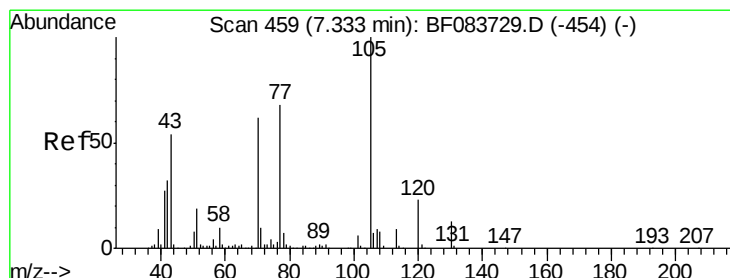
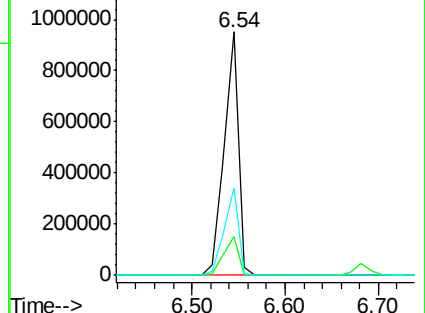
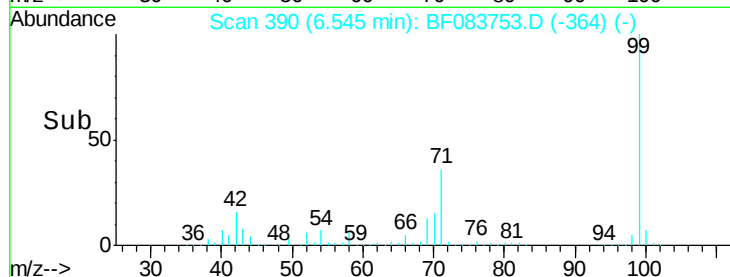
71 36.2 26.6 40.0



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: 12.53 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Tgt Ion: 70 Resp: 94513

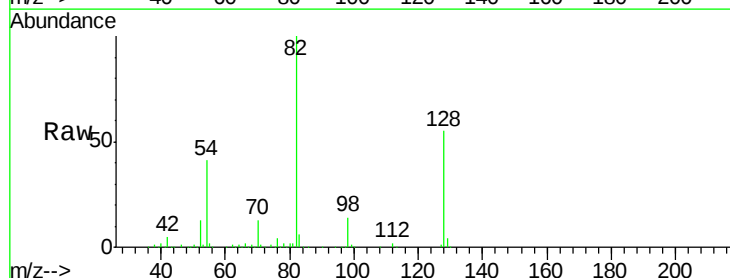
Ion Ratio Lower Upper

70 100

42 36.0 49.2 73.8#

101 0.0 7.1 10.7#

130 2.9 15.4 23.0#

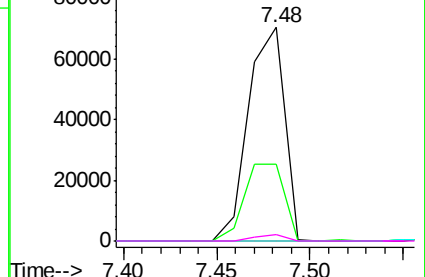
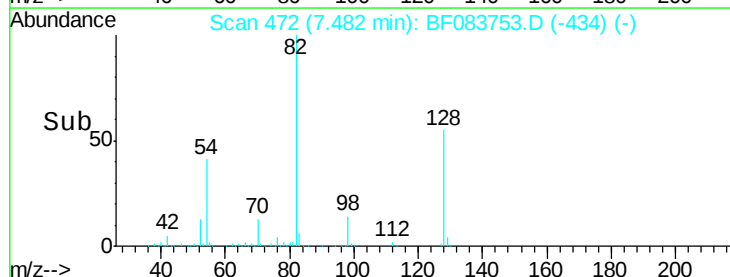


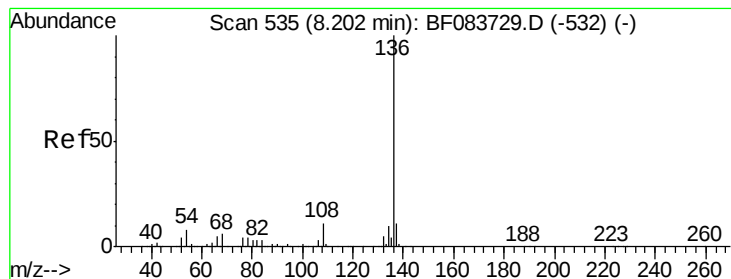
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampleId :

NCC-6

Tgt Ion: 136 Resp: 609351

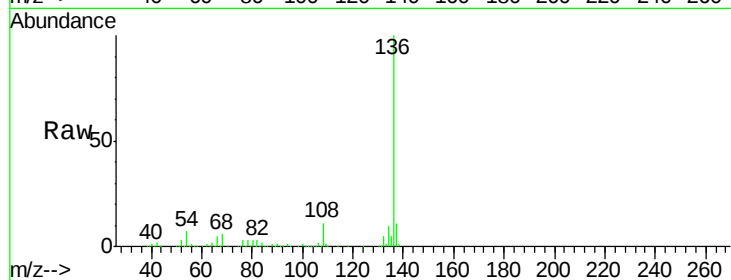
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.6 7.8 11.6#

68 5.5 5.7 8.5#

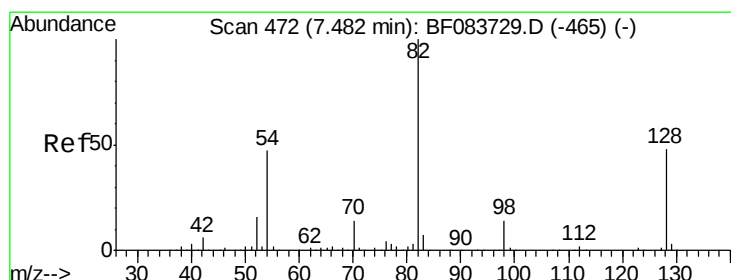
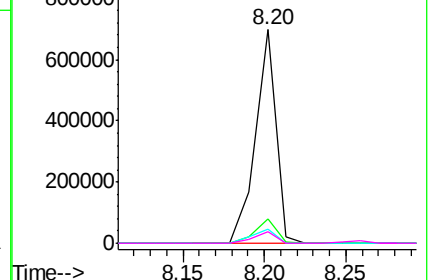
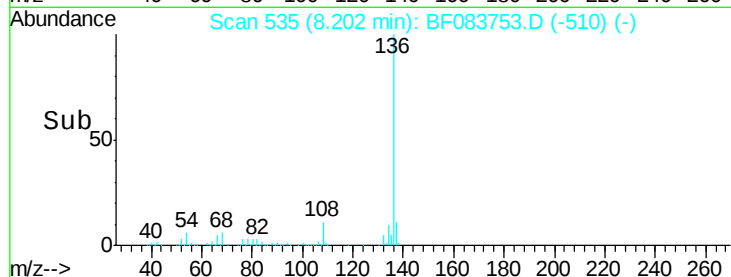


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.11 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

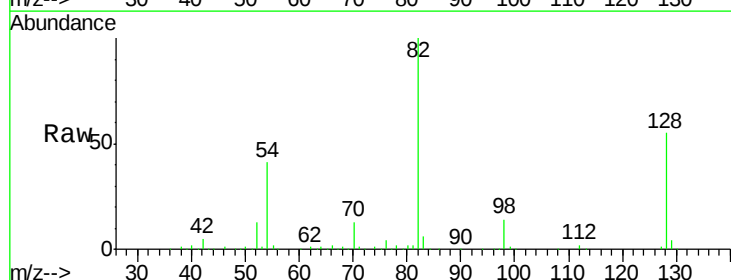
Tgt Ion: 82 Resp: 720032

Ion Ratio Lower Upper

82 100

128 55.2 30.7 46.1#

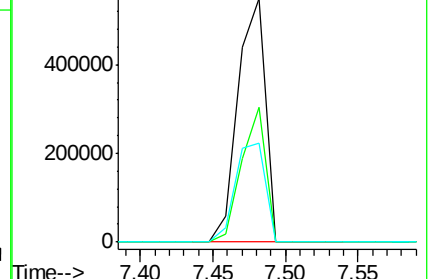
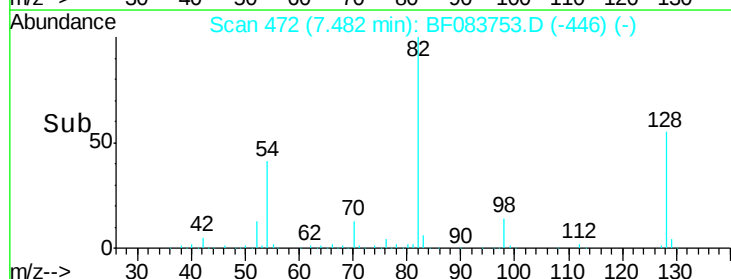
54 40.5 42.5 63.7#

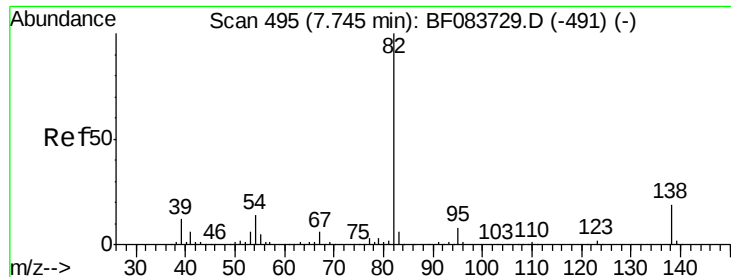


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.83 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampled :

NCC-6

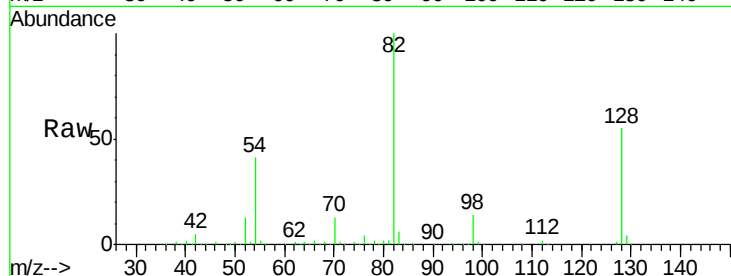
Tgt Ion: 82 Resp: 680170

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

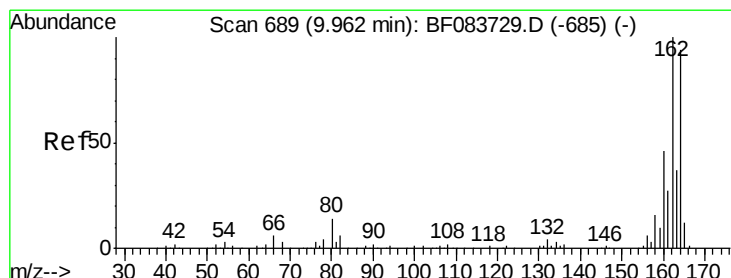
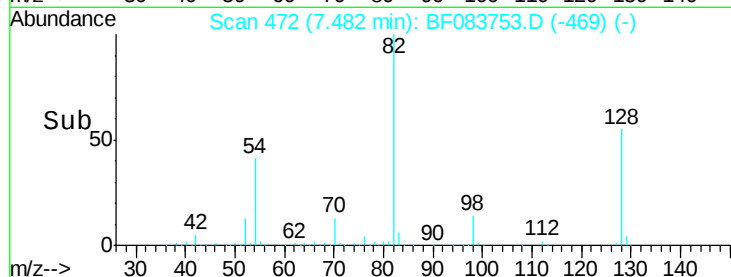
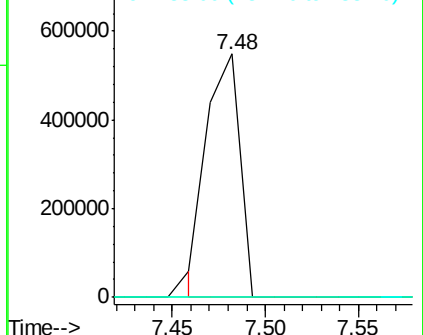
138 0.0 12.1 18.1#



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: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

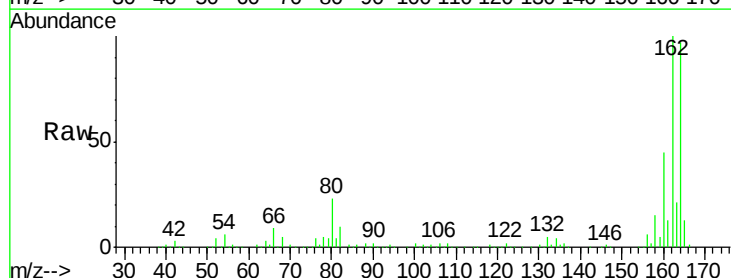
Tgt Ion: 164 Resp: 246949

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

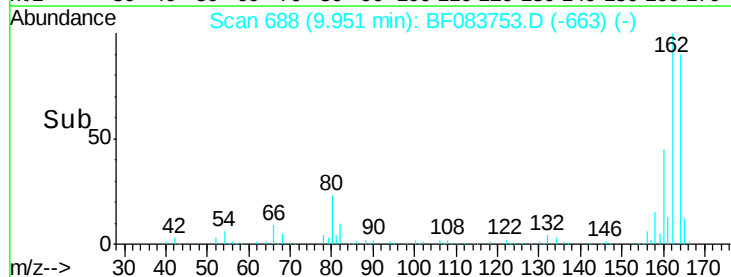
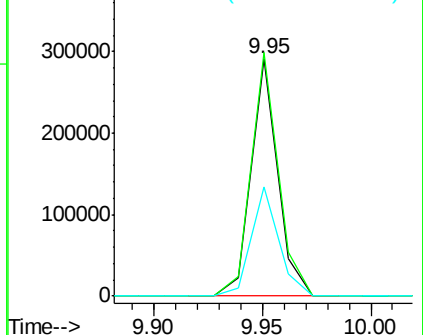
160 46.0 33.4 50.2

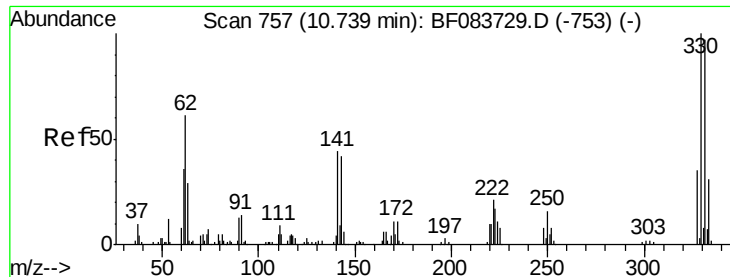


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

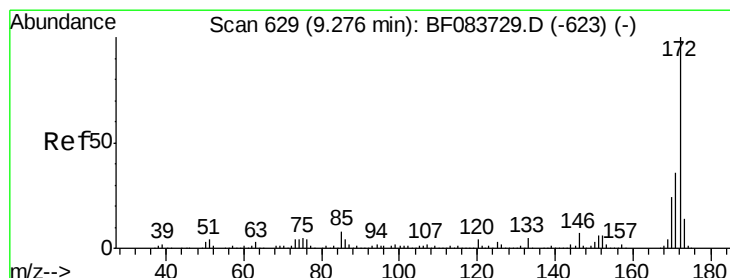
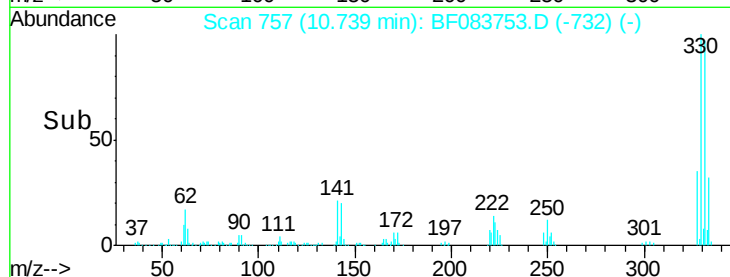
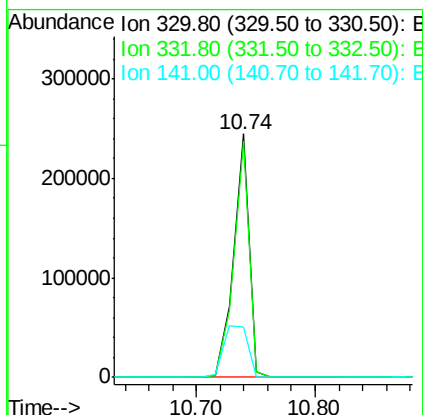
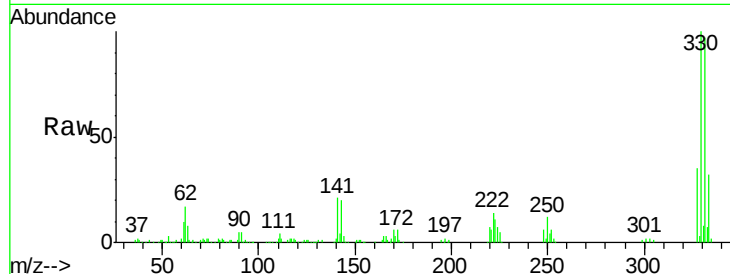




#41
 2,4,6-Tribromophenol
 Concen: 88.67 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083753.D
 Acq: 14 Dec 2015 2:46

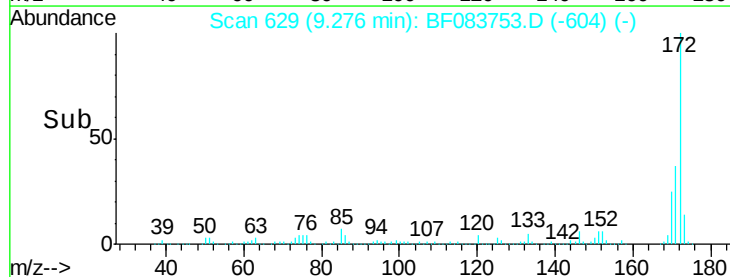
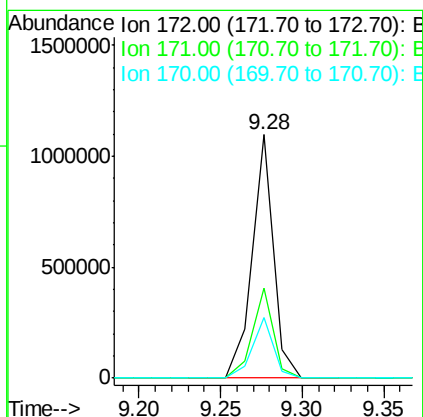
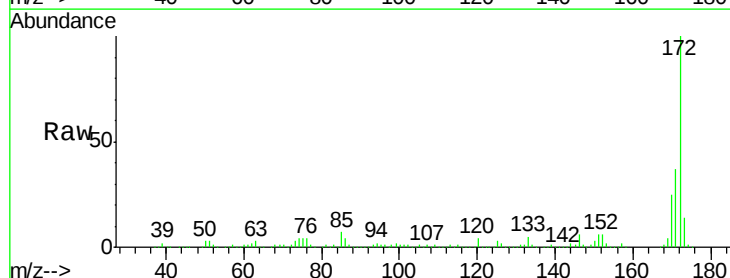
Instrument :
 BNA_F
 ClientSampleId :
 NCC-6

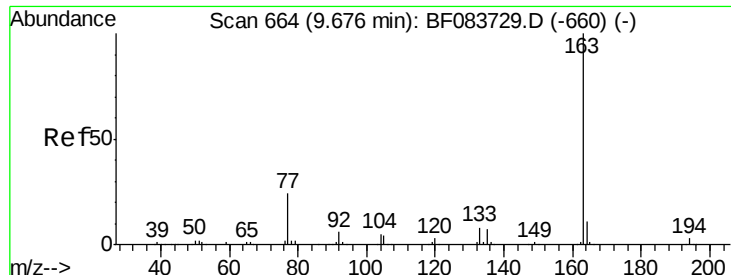
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223122		
332	96.7	0.0	0.0	0.0#
141	32.9	0.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 53.10 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083753.D
 Acq: 14 Dec 2015 2:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	995445		
171	37.2	28.6	42.8	
170	24.7	19.4	29.0	





#49

Dimethylphthalate

Concen: 8.43 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampleId :

NCC-6

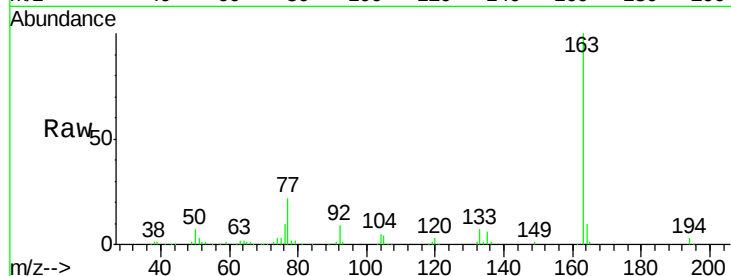
Tgt Ion:163 Resp: 162262

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

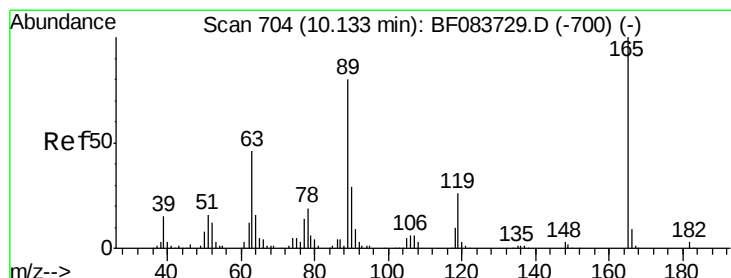
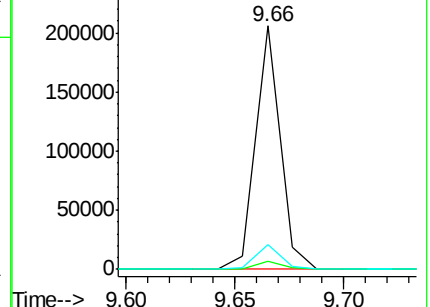
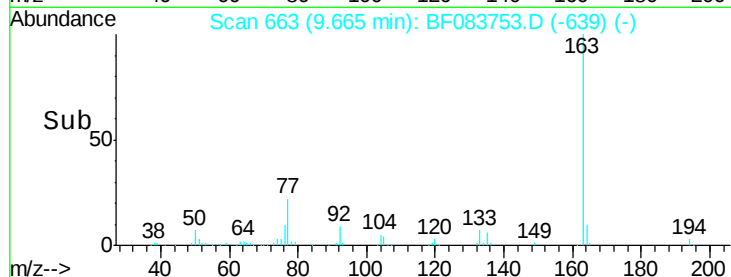
164 10.4 8.6 13.0



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



#56

2,4-Dinitrotoluene

Concen: 5.92 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Tgt Ion:165 Resp: 31589

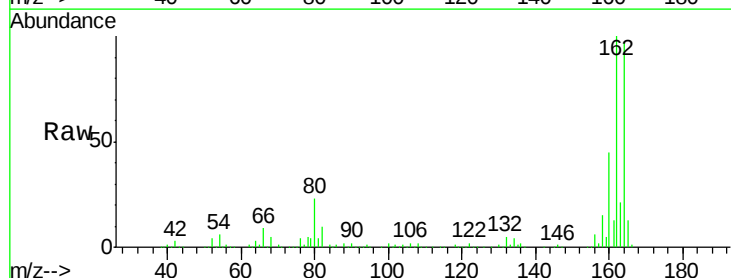
Ion Ratio Lower Upper

165 100

63 1.3 51.4 77.2#

89 1.4 72.6 108.8#

182 0.0 1.4 2.0#

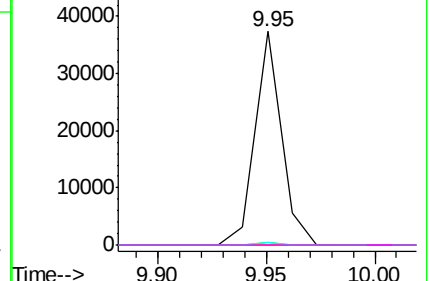
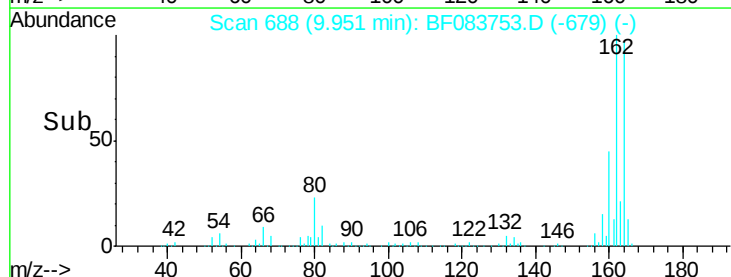


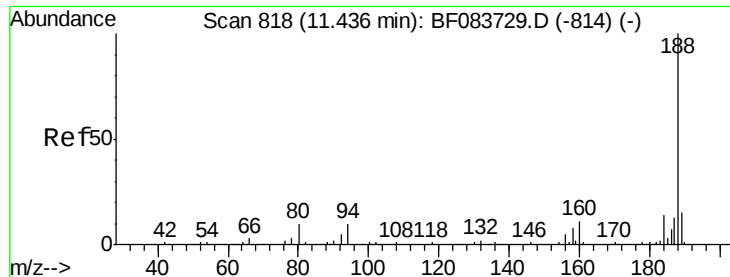
Abundance Ion 165.00 (164.70 to 165.70): E

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

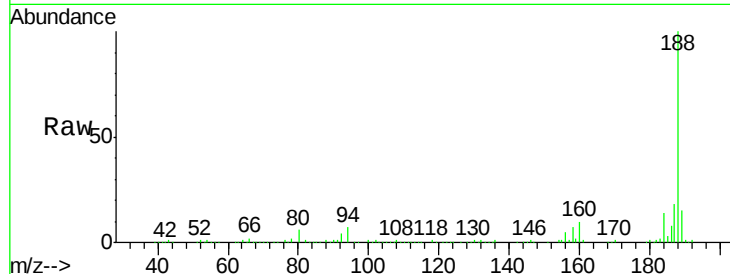




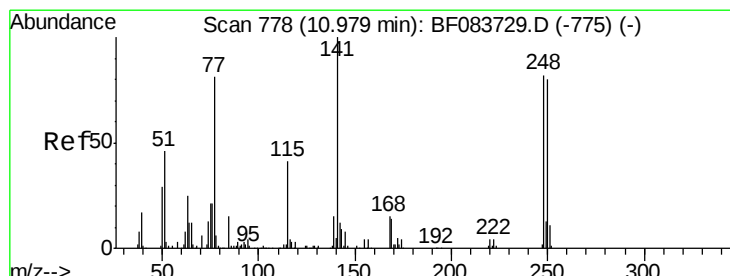
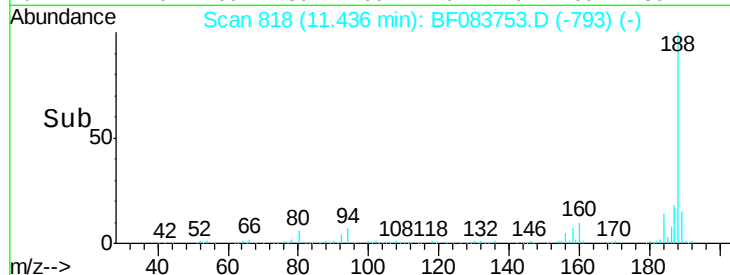
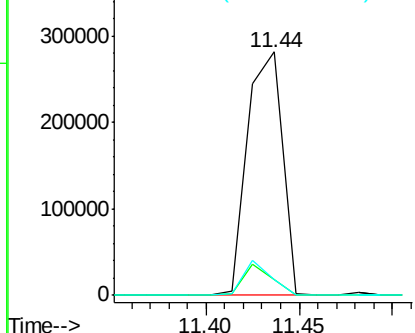
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083753.D
 Acq: 14 Dec 2015 2:46

Instrument :
 BNA_F
 ClientSampleId :
 NCC-6

Tgt Ion:188 Resp: 367335
 Ion Ratio Lower Upper
 188 100
 94 6.6 9.4 14.2#
 80 6.4 10.6 16.0#

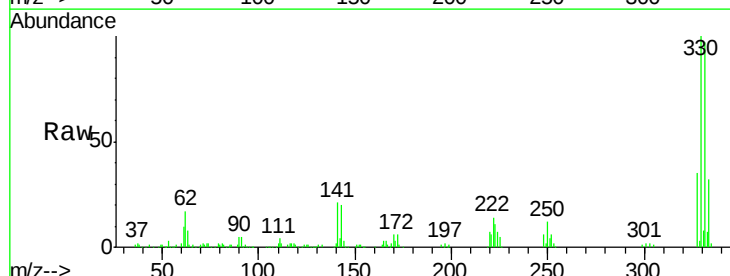


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

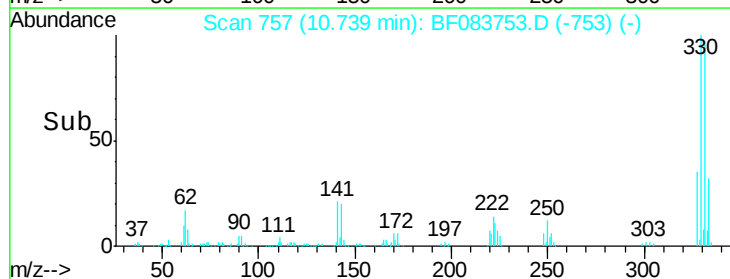
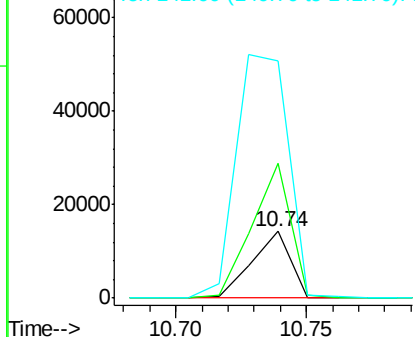


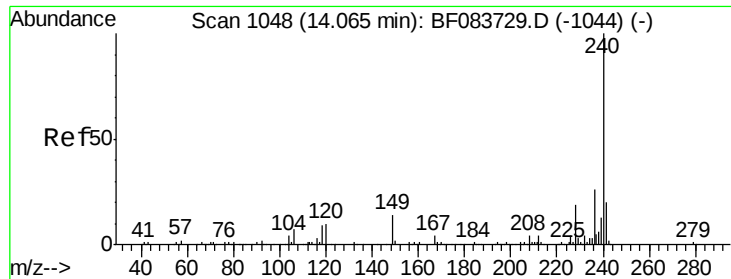
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083753.D
 Acq: 14 Dec 2015 2:46

Tgt Ion:248 Resp: 14705
 Ion Ratio Lower Upper
 248 100
 250 203.6 79.2 118.8#
 141 356.3 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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampleId :

NCC-6

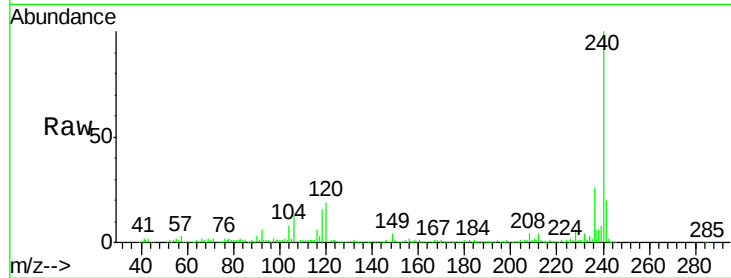
Tgt Ion:240 Resp: 311782

Ion Ratio Lower Upper

240 100

120 19.1 8.1 12.1#

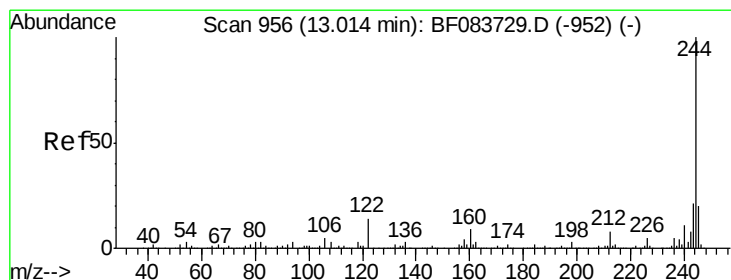
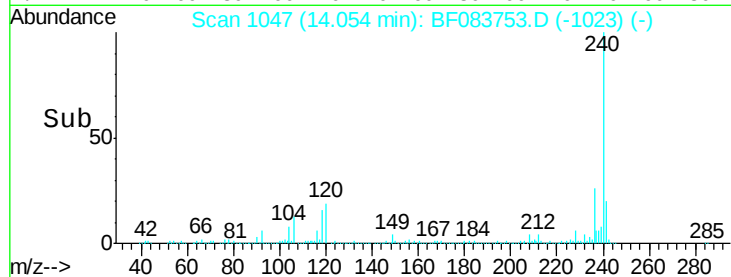
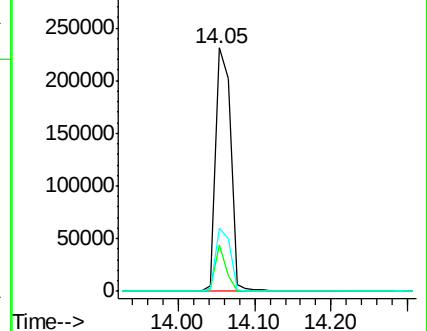
236 26.0 20.8 31.2



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: 41.47 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

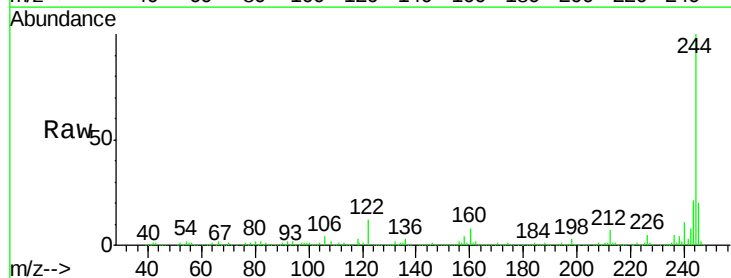
Tgt Ion:244 Resp: 601095

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

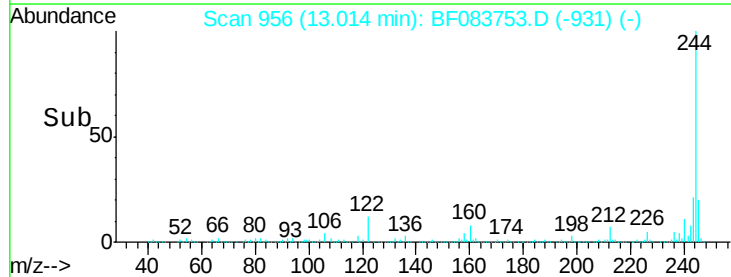
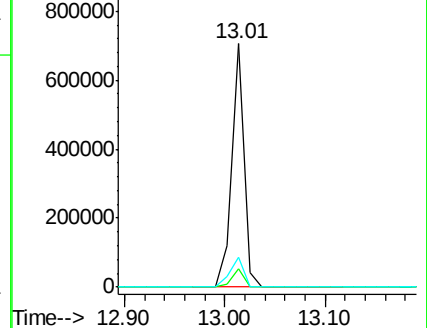
122 12.2 11.0 16.6

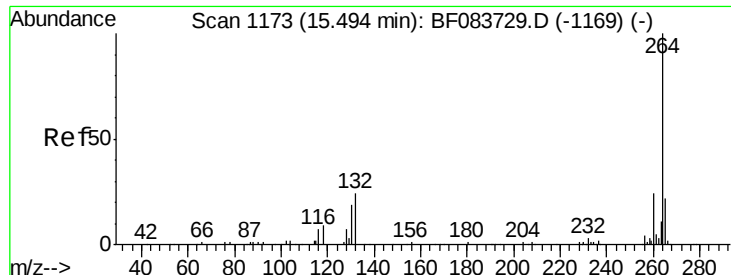


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



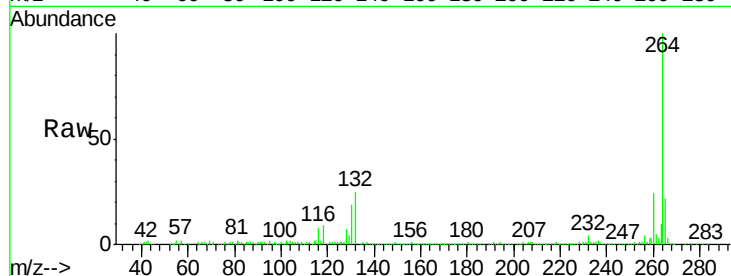


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083753.D
Acq: 14 Dec 2015 2:46

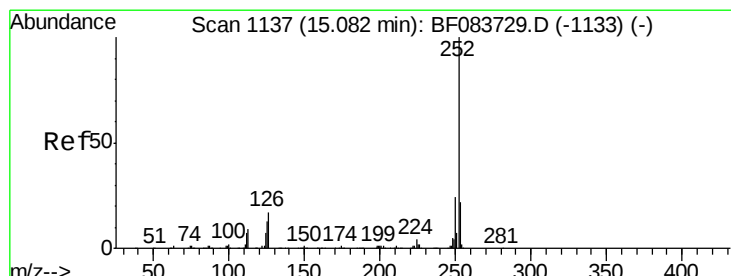
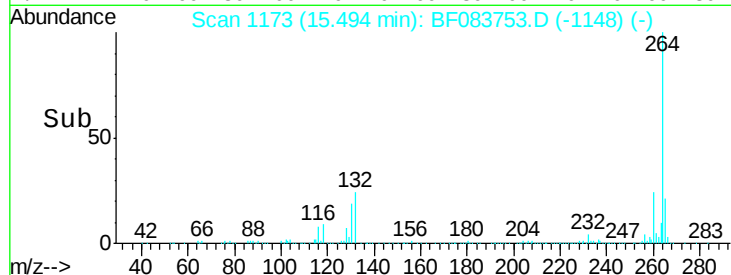
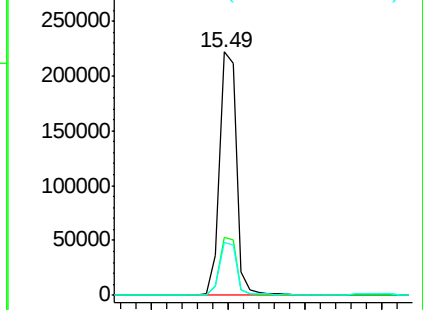
Instrument :
BNA_F
ClientSampleId :
NCC-6

Tgt Ion: 264 Resp: 349297

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.6	17.8	26.6



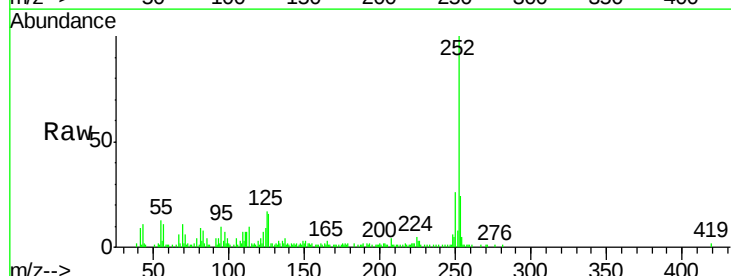
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



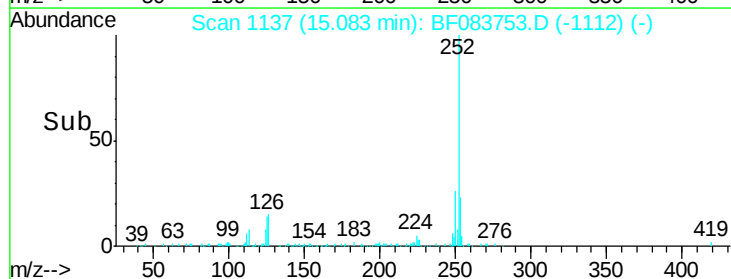
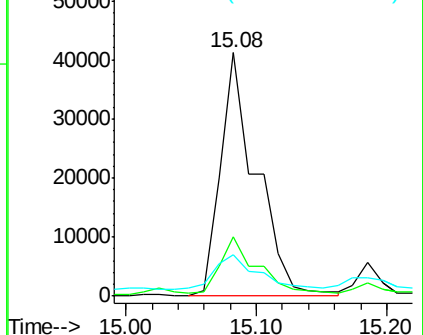
#87
Benzo(b)fluoranthene
Concen: 3.54 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083753.D
Acq: 14 Dec 2015 2:46

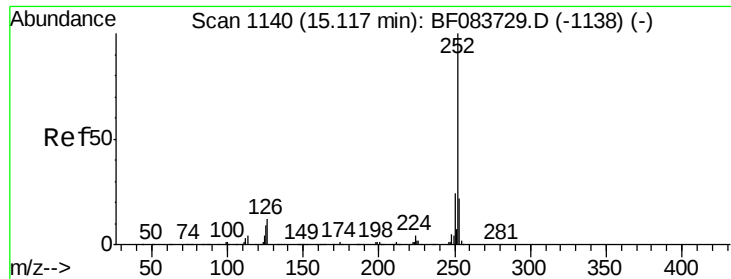
Tgt Ion: 252 Resp: 78850

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.4
125	17.0	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.91 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF083753.D

Acq: 14 Dec 2015 2:46

Instrument :

BNA_F

ClientSampleId :

NCC-6

Tgt Ion: 252 Resp: 78850

Ion Ratio Lower Upper

252 100

253 24.1 18.6 27.8

125 17.0 11.5 17.3

