

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083773.D
 Acq On : 14 Dec 2015 12:05
 Operator : UM/IZ
 Sample : G4761-03 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 12:38:21 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

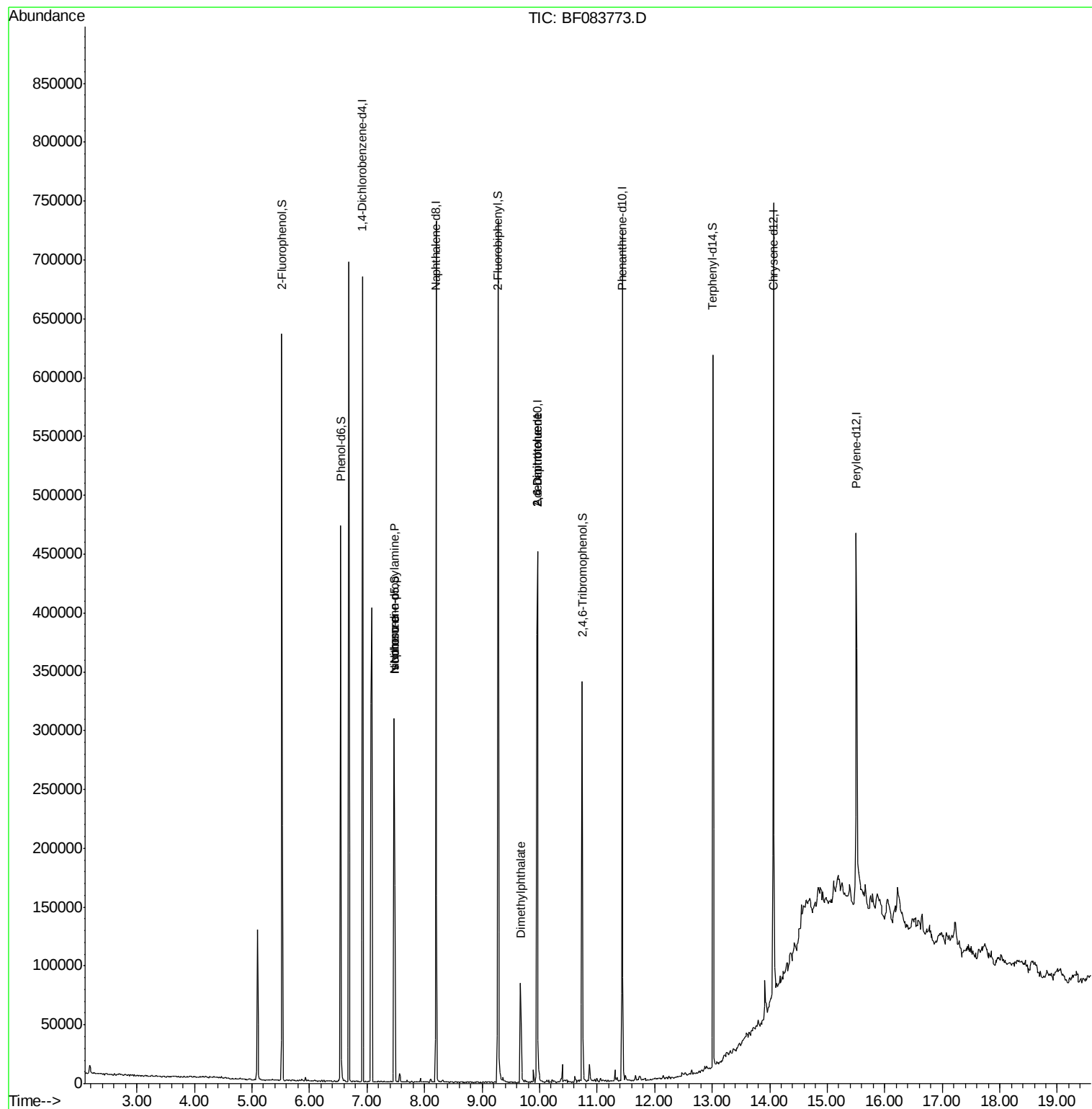
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	97517	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	321222	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	133266	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	245120	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	233507	20.00	ng	-0.01
86) Perylene-d12	15.51	264	159088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	188165	31.13	ng	-0.01
7) Phenol-d6	6.54	99	230264	30.08	ng	0.00
23) Nitrobenzene-d5	7.47	82	118069	20.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	40916	30.13	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	231272	21.22	ng	-0.01
78) Terphenyl-d14	13.01	244	188854	17.40	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	14534	3.10	ng	# 80
25) Isophorone	7.47	82	116136	10.31	ng	# 69
49) Dimethylphthalate	9.66	163	50173	4.83	ng	# 98
50) 2,6-Dinitrotoluene	9.96	165	16562	7.51	ng	# 16
56) 2,4-Dinitrotoluene	9.96	165	16563	5.75	ng	# 11

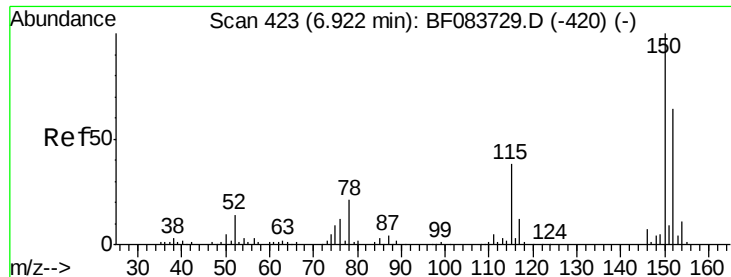
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083773.D
Acq On : 14 Dec 2015 12:05
Operator : UM/IZ
Sample : G4761-03 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 12:38:21 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



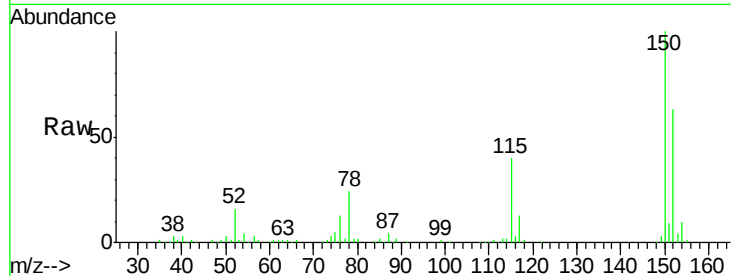


#1

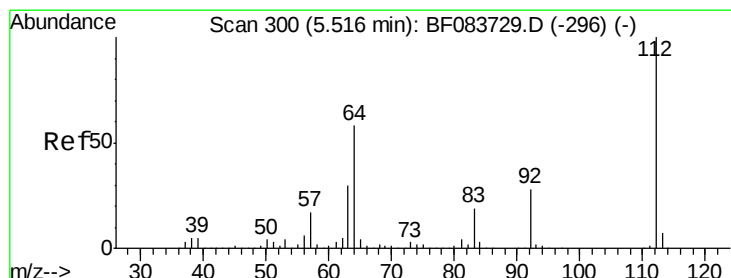
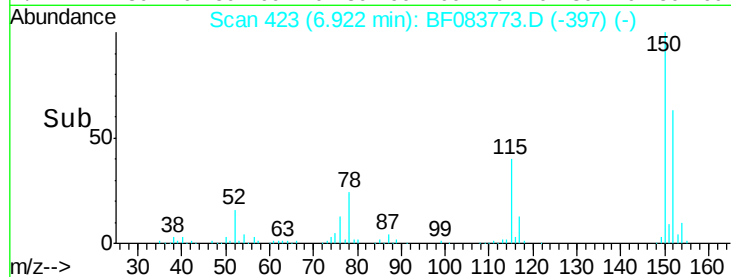
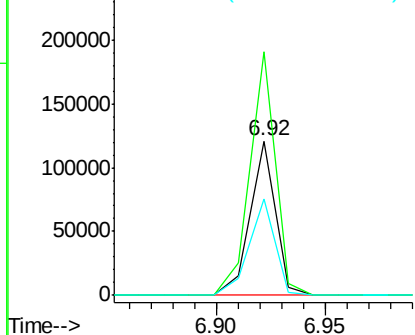
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083773.D
Acq: 14 Dec 2015 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97517
Ion Ratio Lower Upper
152 100
150 158.0 126.5 189.7
115 62.5 52.3 78.5



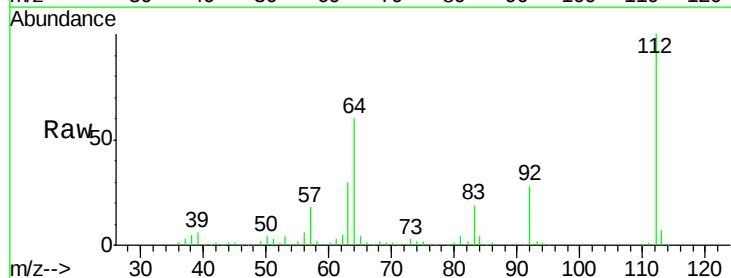
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



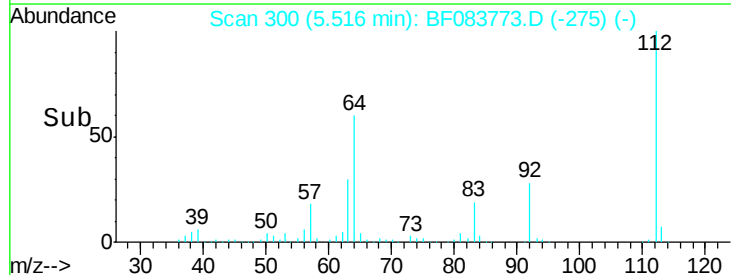
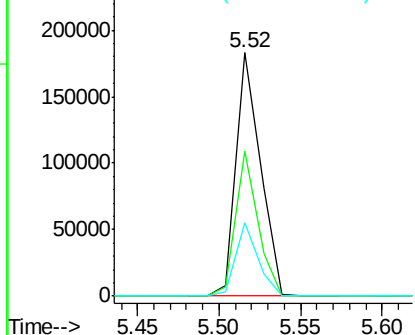
#5

2-Fluorophenol
Concen: 31.13 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083773.D
Acq: 14 Dec 2015 12:05

Tgt Ion:112 Resp: 188165
Ion Ratio Lower Upper
112 100
64 59.7 50.5 75.7
63 30.0 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: 30.08 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampled :

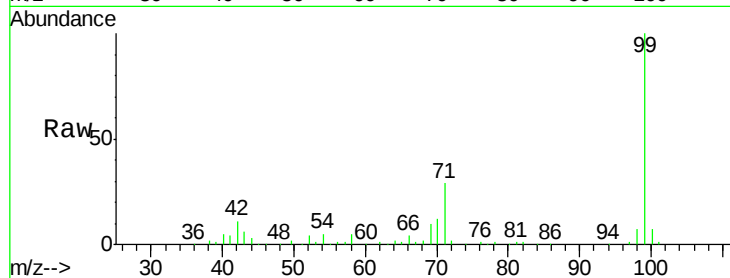
Tot Ion: 99 Resp: 230264

Ion Ratio Lower Upper

99 100

42 11.1 17.3 25.9#

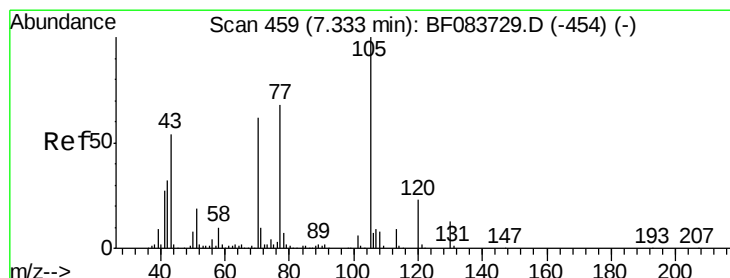
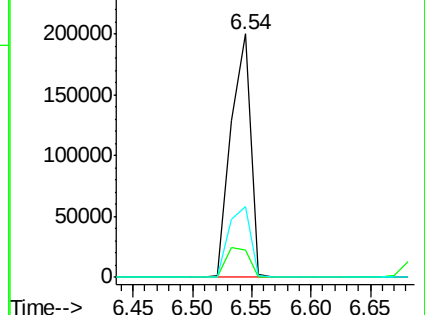
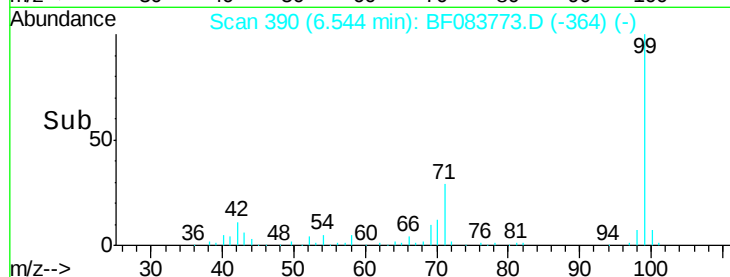
71 29.1 26.6 40.0



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: 3.10 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.13 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Tgt Ion: 70 Resp: 14534

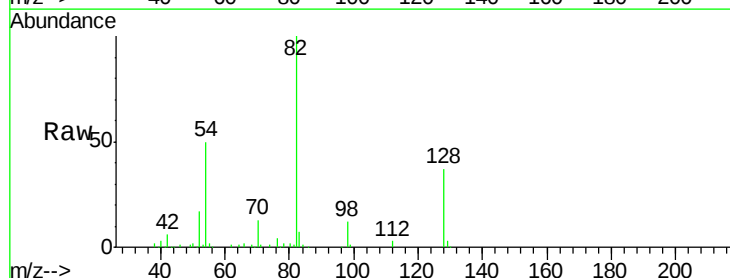
Ion Ratio Lower Upper

70 100

42 50.8 49.2 73.8

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#

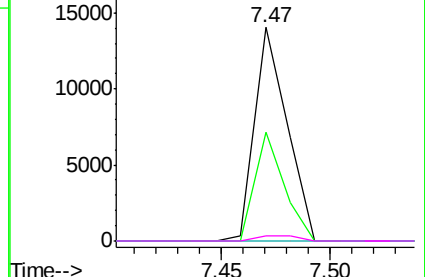
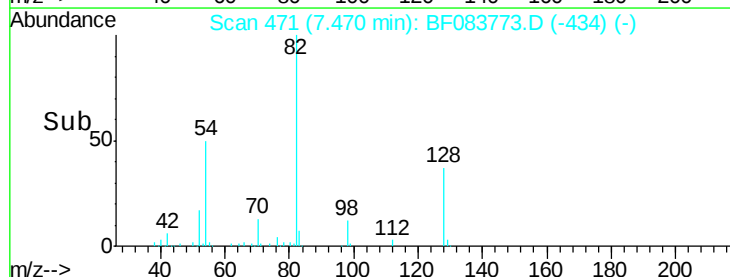


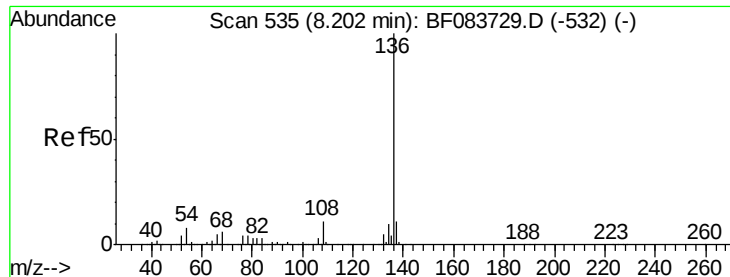
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 321222

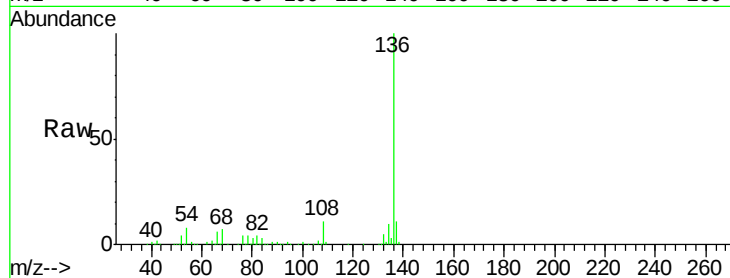
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.4 7.8 11.6

68 6.6 5.7 8.5

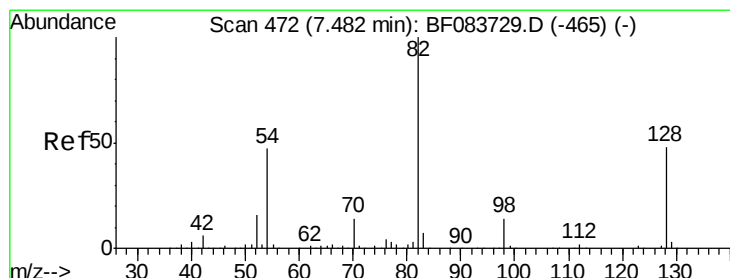
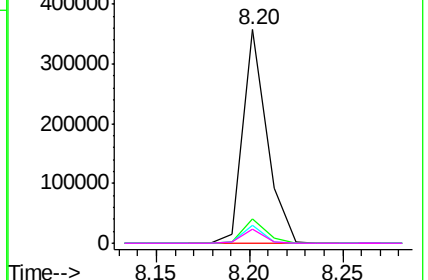
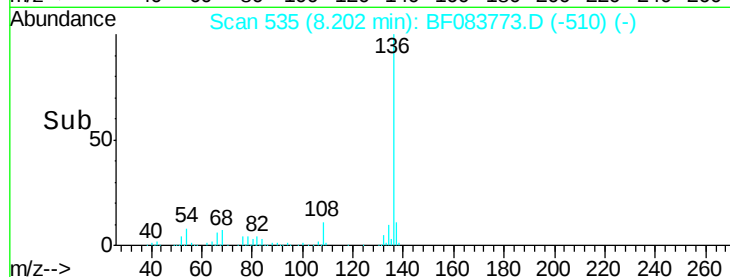


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.56 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

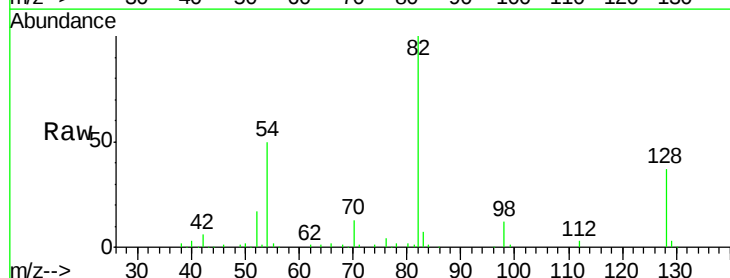
Tgt Ion: 82 Resp: 118069

Ion Ratio Lower Upper

82 100

128 37.3 30.7 46.1

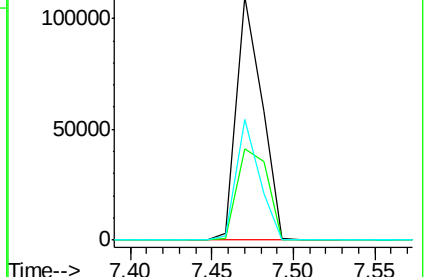
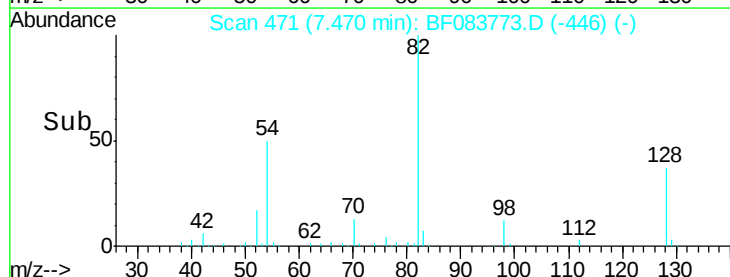
54 49.8 42.5 63.7

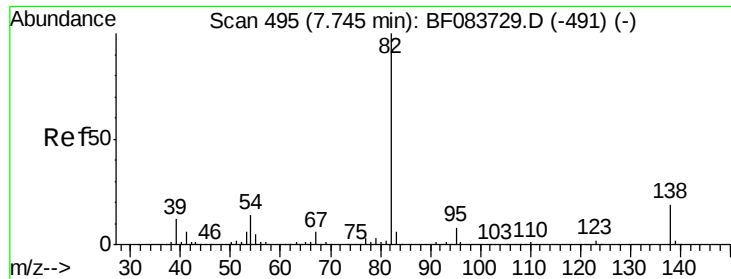


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 10.31 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.27 min

Lab File: BF083773.D

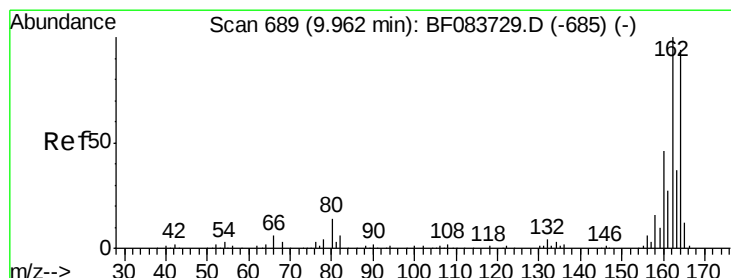
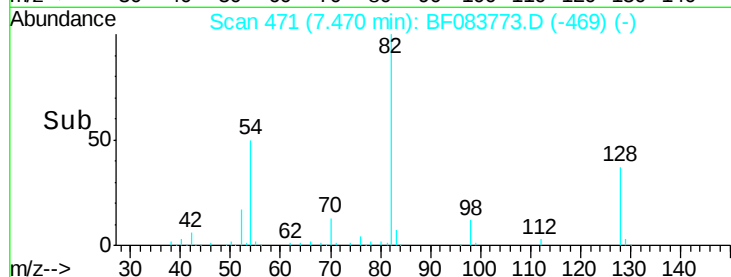
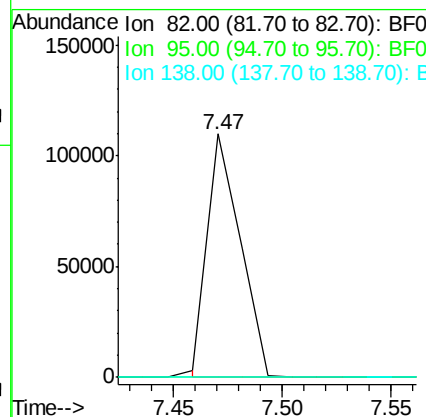
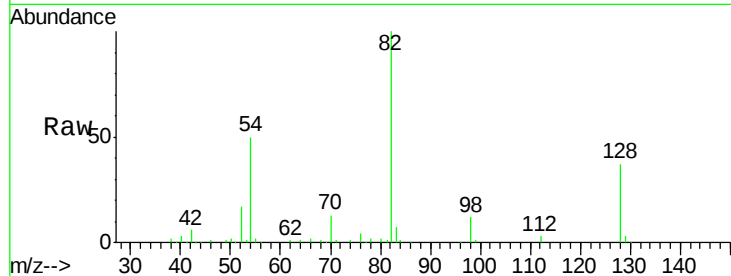
Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampled :

Tot Ion: 82 Resp: 116136
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

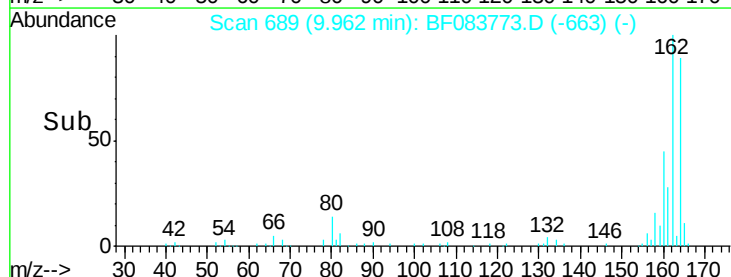
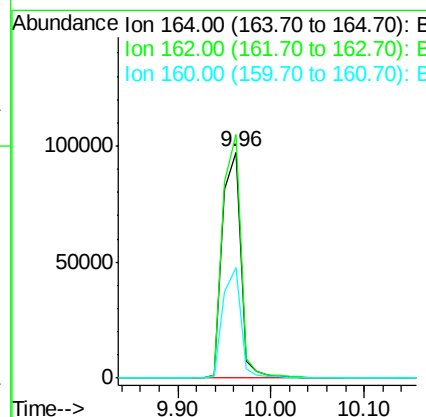
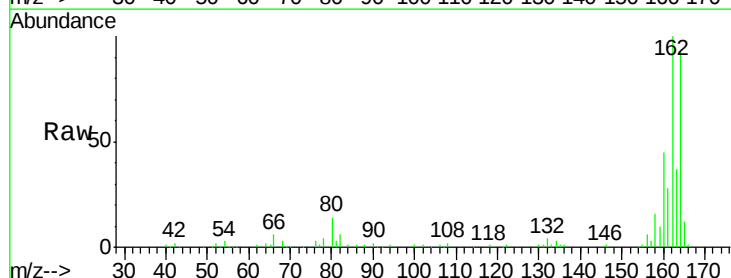
RT: 9.96 min Scan# 689

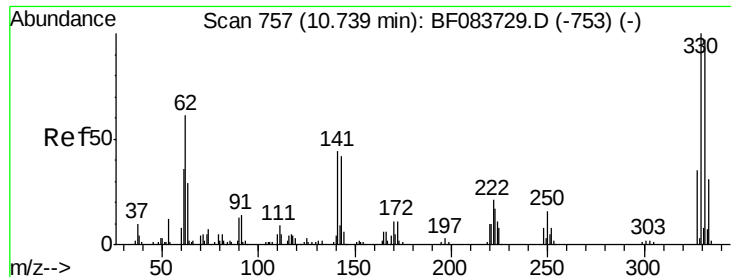
Delta R.T. 0.00 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Tgt Ion:164 Resp: 133266
 Ion Ratio Lower Upper
 164 100
 162 107.7 78.8 118.2
 160 49.0 33.4 50.2

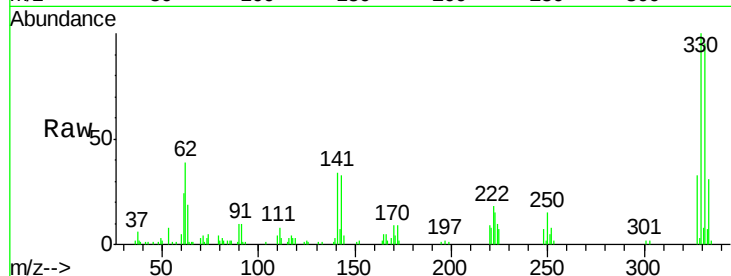




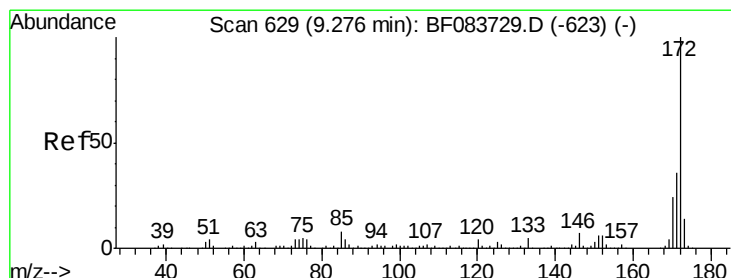
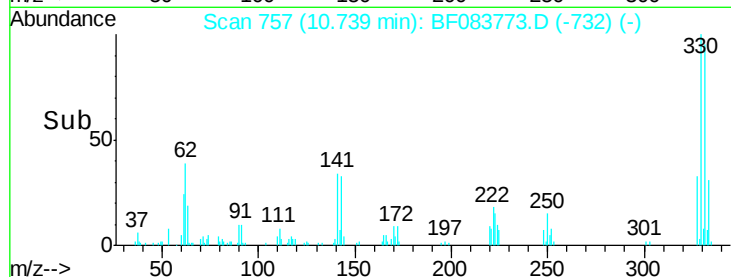
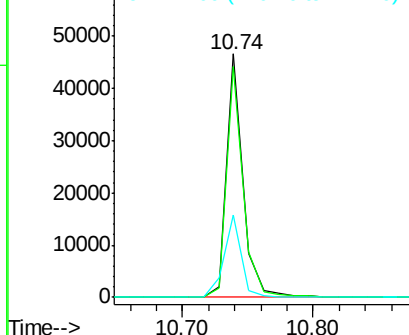
#41
 2,4,6-Tribromophenol
 Concen: 30.13 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	35.5	0.0	0.0#

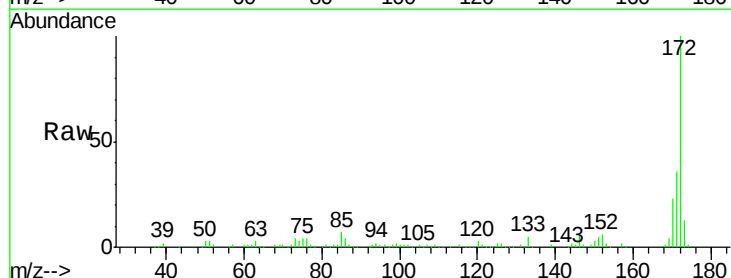


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

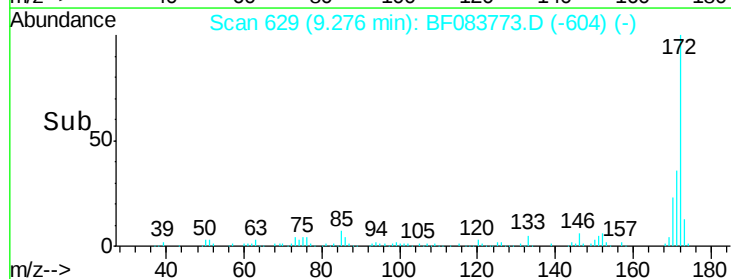
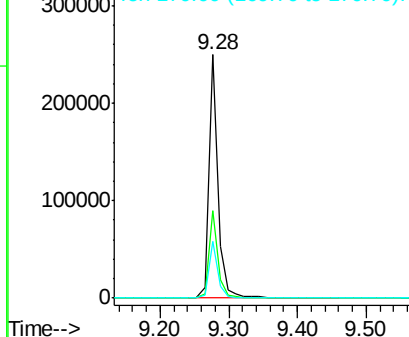


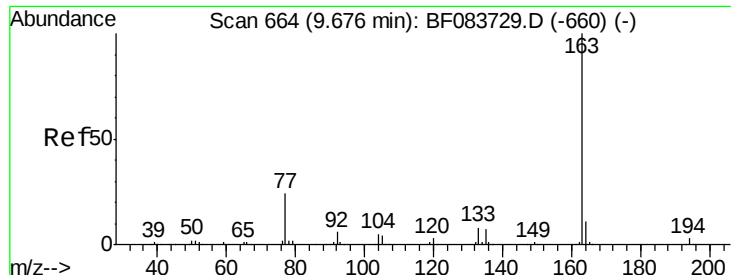
#44
 2-Fluorobiphenyl
 Concen: 21.22 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.3	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

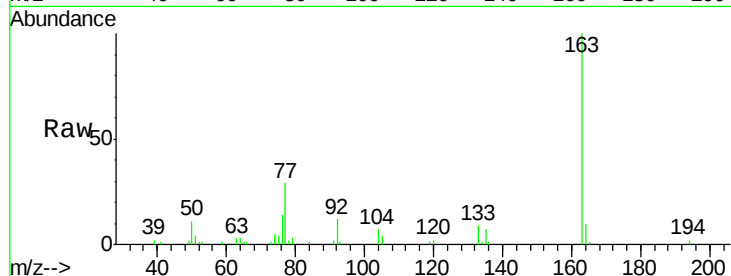




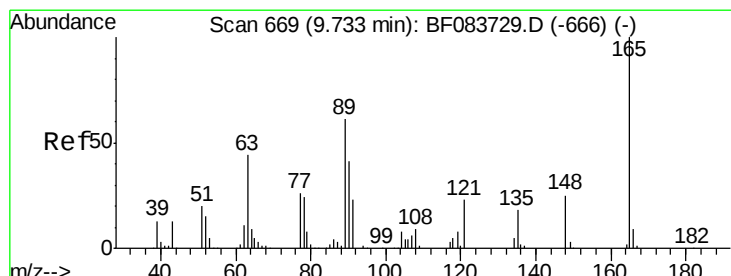
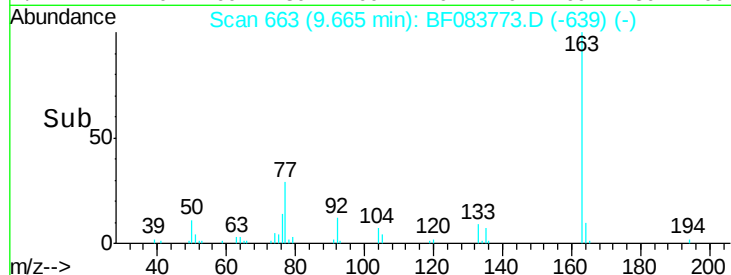
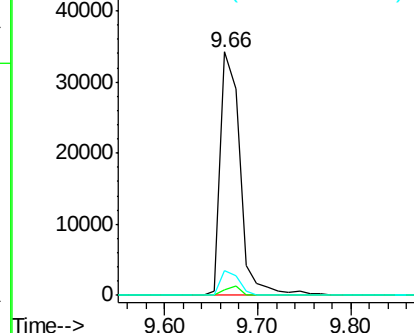
#49
Dimethylphthalate
Concen: 4.83 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083773.D
Acq: 14 Dec 2015 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 50173
Ion Ratio Lower Upper
163 100
194 2.4 2.8 4.2#
164 10.2 8.6 13.0

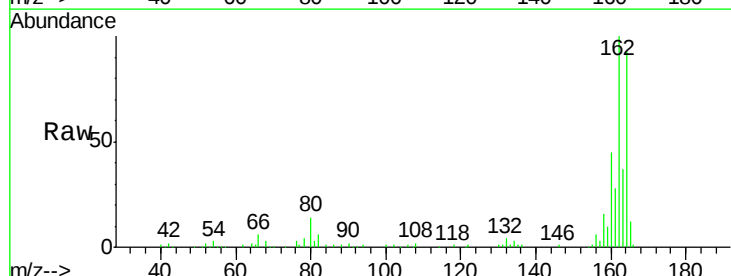


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

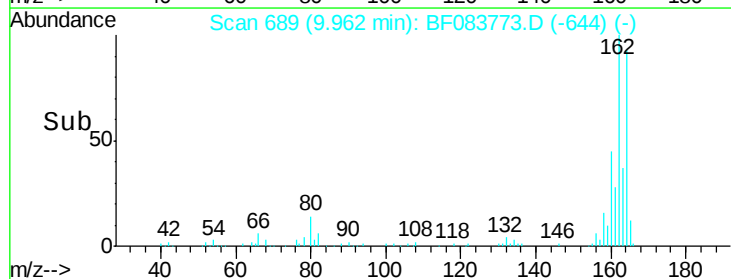
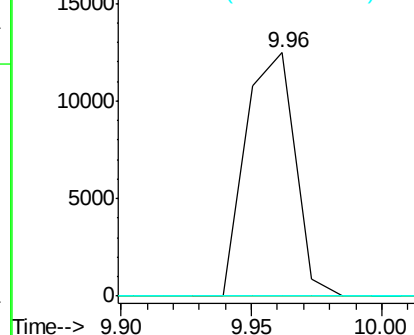


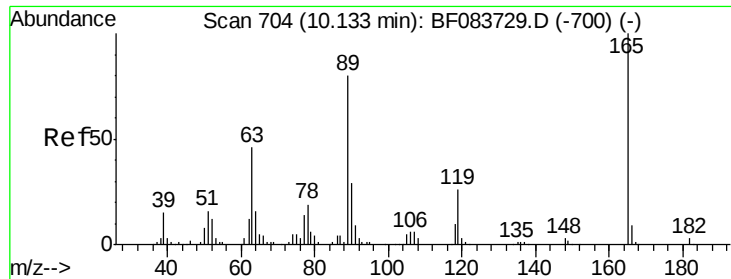
#50
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.22 min
Lab File: BF083773.D
Acq: 14 Dec 2015 12:05

Tgt Ion:165 Resp: 16562
Ion Ratio Lower Upper
165 100
63 0.0 56.9 85.3#
89 0.0 52.1 78.1#



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

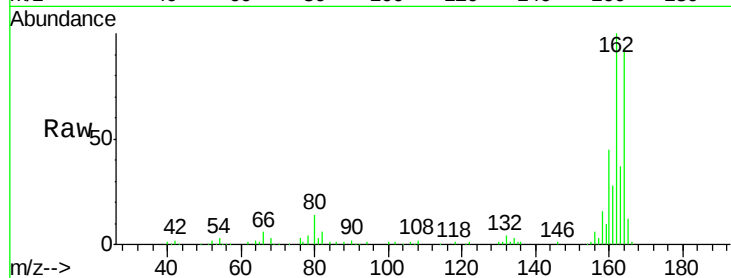




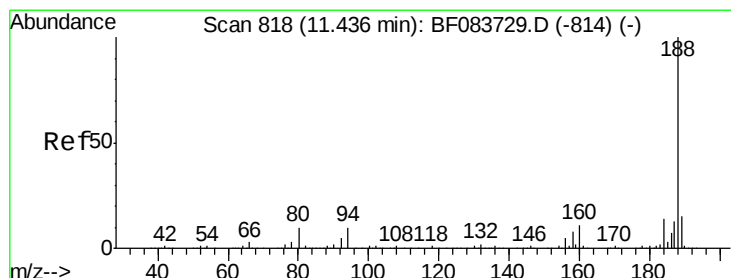
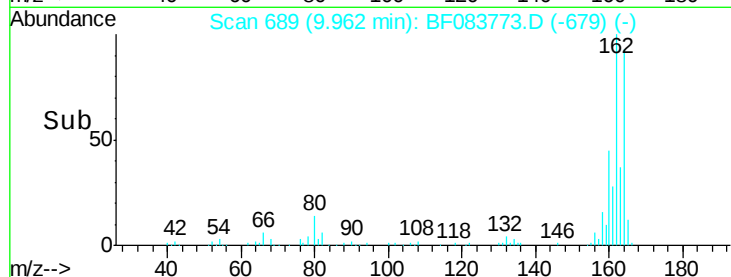
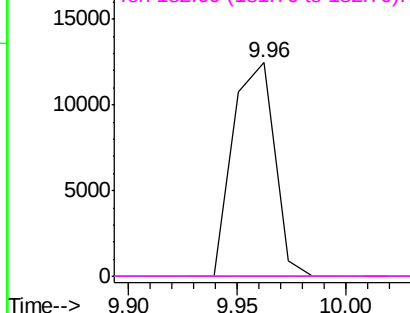
#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.18 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16563
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.2#
 89 0.0 72.6 108.8#
 182 0.0 1.4 2.0#

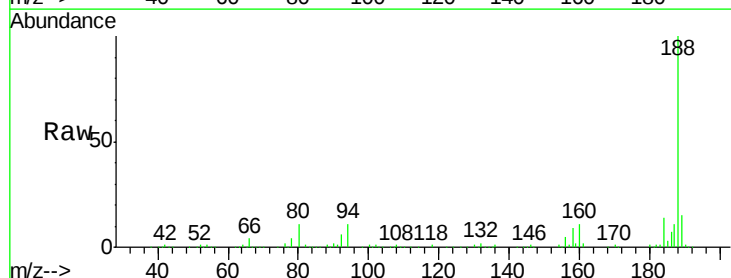


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

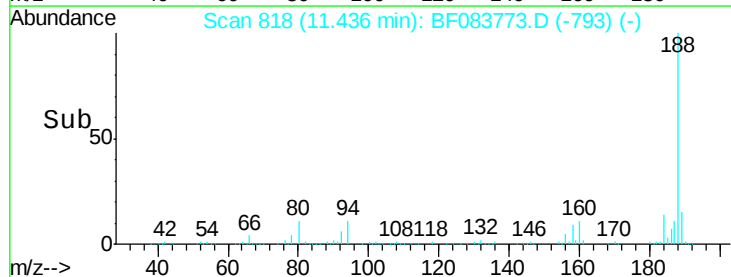
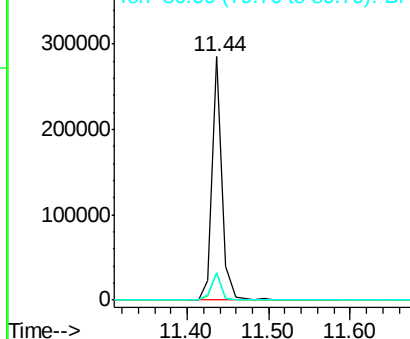


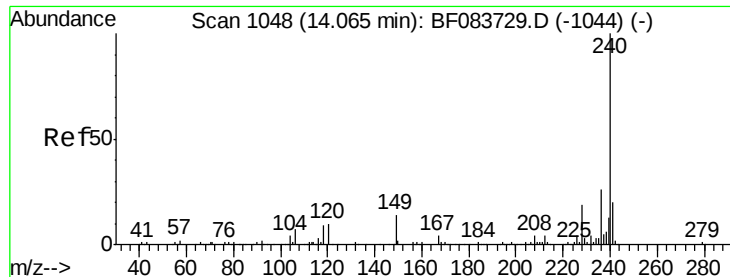
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083773.D
 Acq: 14 Dec 2015 12:05

Tgt Ion:188 Resp: 245120
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.4 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

Instrument :

BNA_F

ClientSampleId :

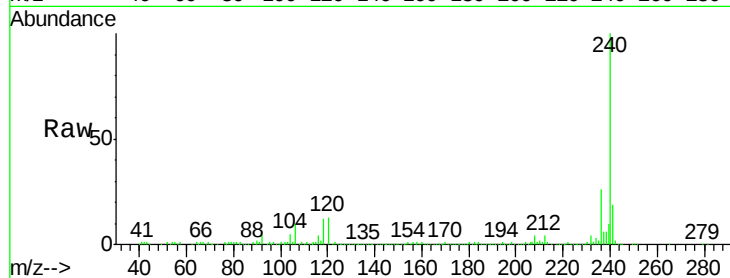
Tot Ion:240 Resp: 233507

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

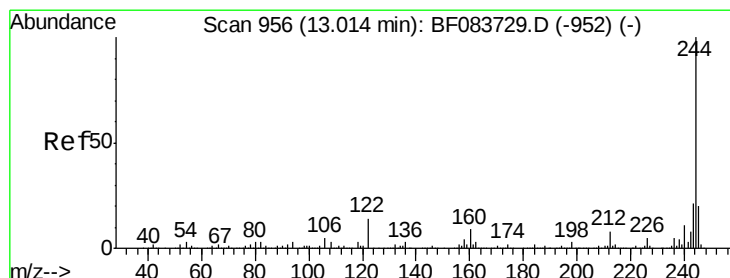
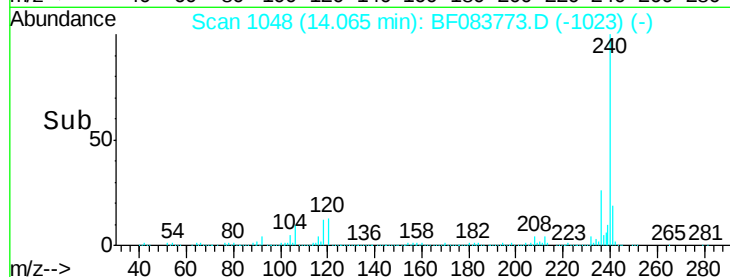
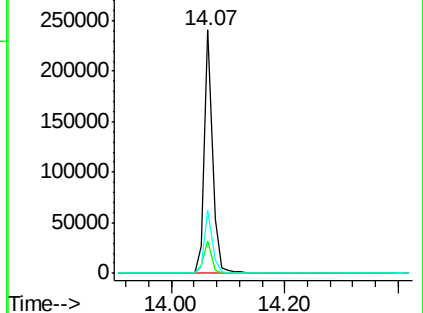
236 25.8 20.8 31.2



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: 17.40 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083773.D

Acq: 14 Dec 2015 12:05

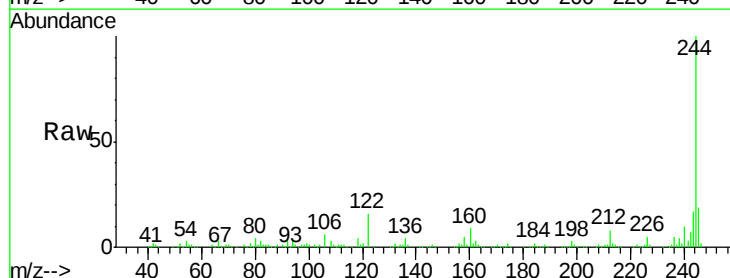
Tgt Ion:244 Resp: 188854

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

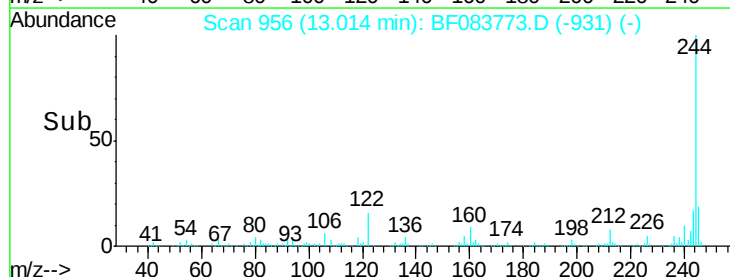
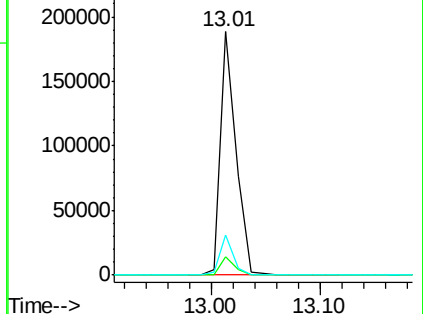
122 16.5 11.0 16.6

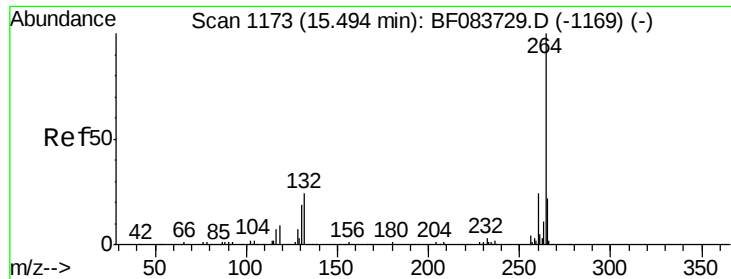


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

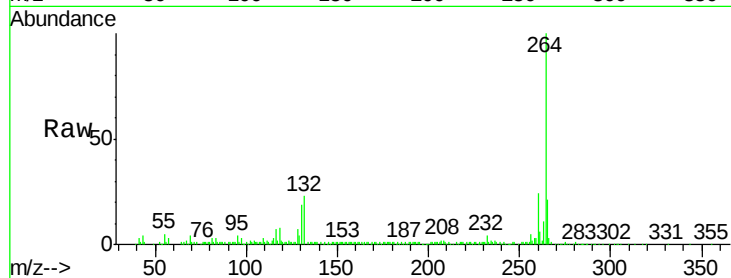




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083773.D
Acq: 14 Dec 2015 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.4	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

