

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120915\
 Data File : BF083651.D
 Acq On : 9 Dec 2015 21:01
 Operator : UM/IZ
 Sample : G4691-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-002

Quant Time: Dec 10 00:39:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

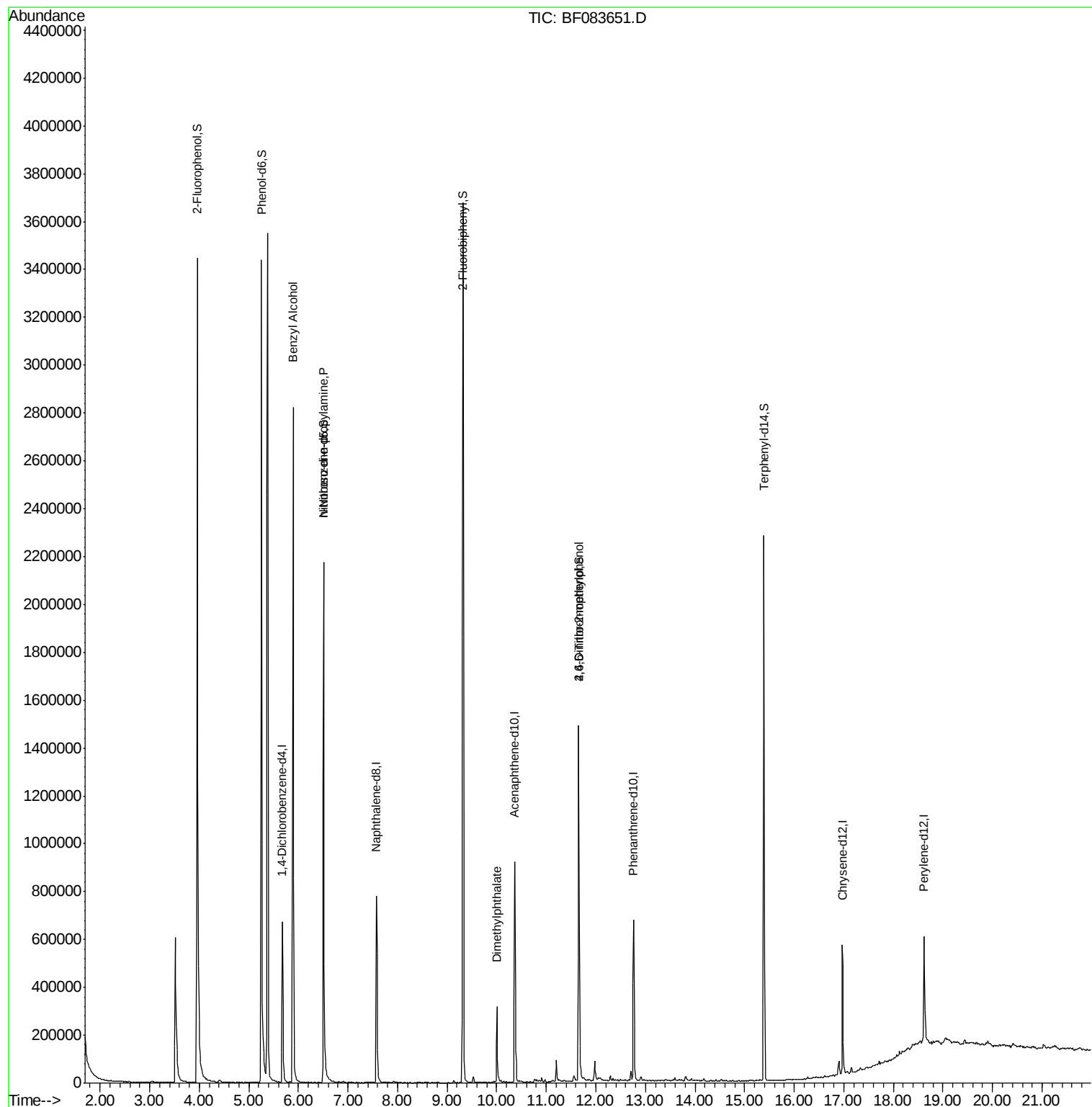
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.68	152	141612	20.00	ng	-0.02
21) Naphthalene-d8	7.57	136	544958	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	251890	20.00	ng	-0.02
63) Phenanthrene-d10	12.76	188	387506	20.00	ng	-0.02
75) Chrysene-d12	16.97	240	310549	20.00	ng	-0.02
86) Perylene-d12	18.61	264	256175	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.96	112	1257012	134.63	ng	-0.01
7) Phenol-d6	5.25	99	1716954	137.63	ng	-0.02
23) Nitrobenzene-d5	6.51	82	1087646	93.13	ng	-0.02
41) 2,4,6-Tribromophenol	11.65	330	233016	103.83	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	1598047	89.29	ng	-0.02
78) Terphenyl-d14	15.39	244	1037994	78.64	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	5.89	79	17881	2.01	ng	# 49
19) n-Nitroso-di-n-propylamine	6.51	70	137923	15.84	ng	# 81
49) Dimethylphthalate	10.01	163	193645	9.66	ng	97
64) 4,6-Dinitro-2-methylphenol	11.65	198	302	2.06	ng	# 1

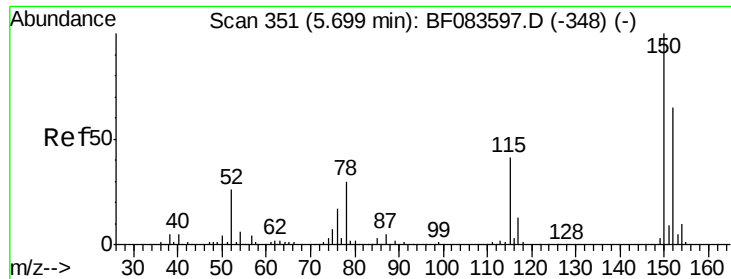
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.68 min Scan# 349

Delta R.T. -0.02 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

Instrument :

BNA_F

ClientSampleId :

NC-HB-002

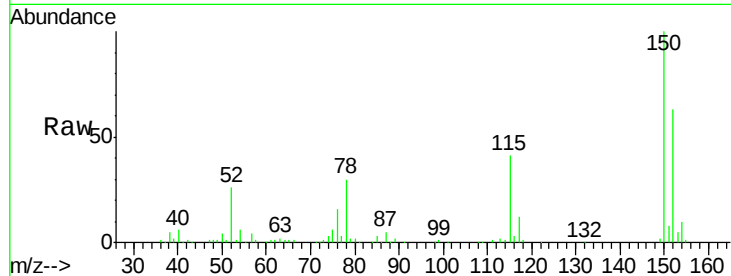
Tgt Ion:152 Resp: 141612

Ion Ratio Lower Upper

152 100

150 158.6 126.5 189.7

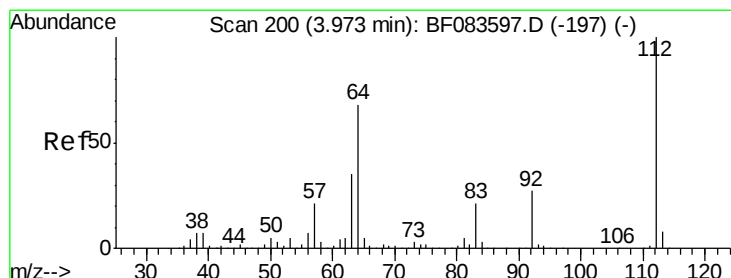
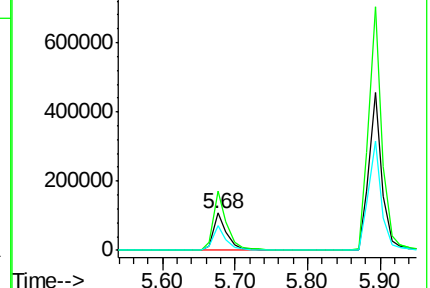
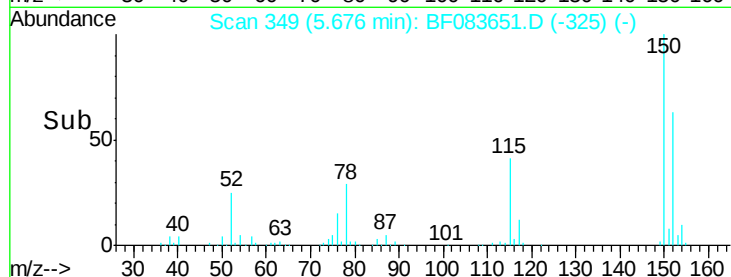
115 65.3 52.3 78.5



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: 134.63 ng

RT: 3.96 min Scan# 199

Delta R.T. -0.01 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

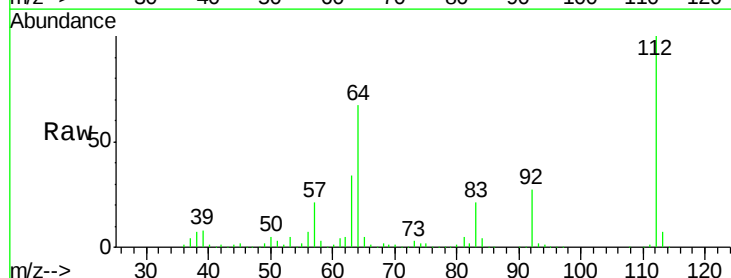
Tgt Ion:112 Resp: 1257012

Ion Ratio Lower Upper

112 100

64 67.1 50.5 75.7

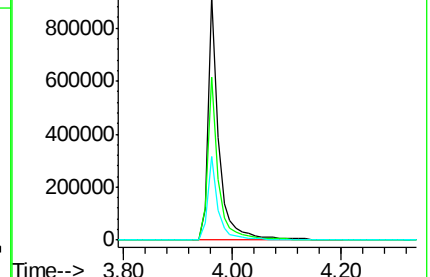
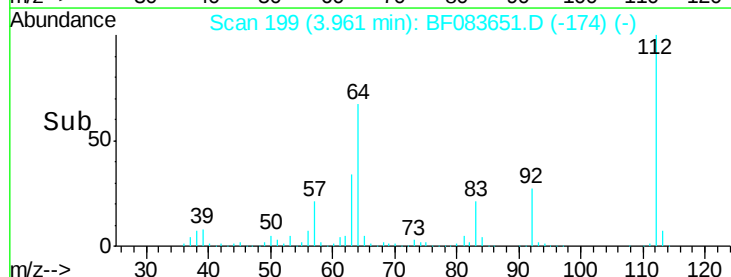
63 34.2 25.8 38.6

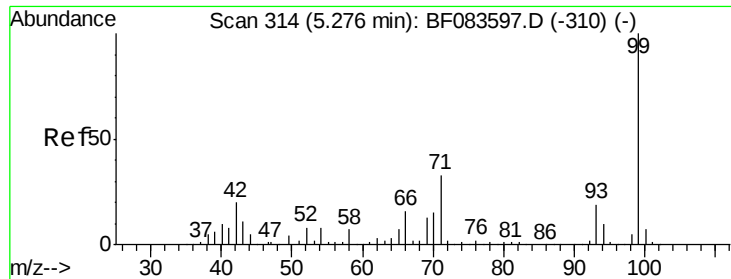


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.63 ng

RT: 5.25 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

Instrument :

BNA_F

ClientSampleId :

NC-HB-002

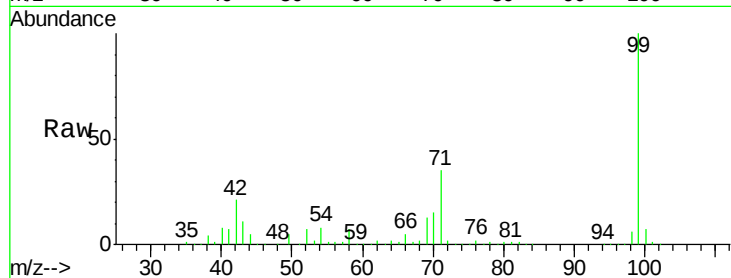
Tgt Ion: 99 Resp: 1716954

Ion Ratio Lower Upper

99 100

42 21.2 17.3 25.9

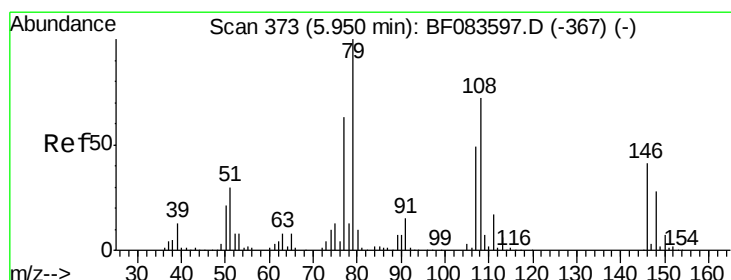
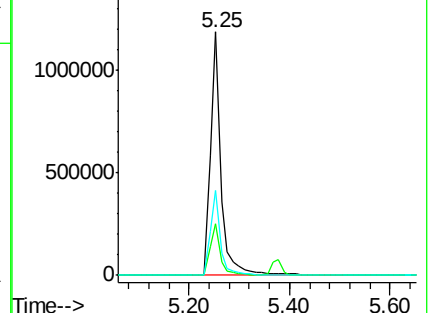
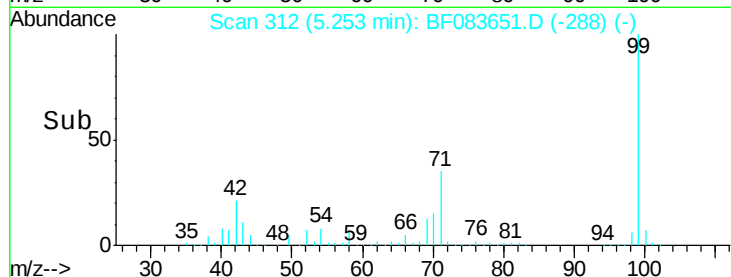
71 34.7 26.6 40.0



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



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 5.89 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

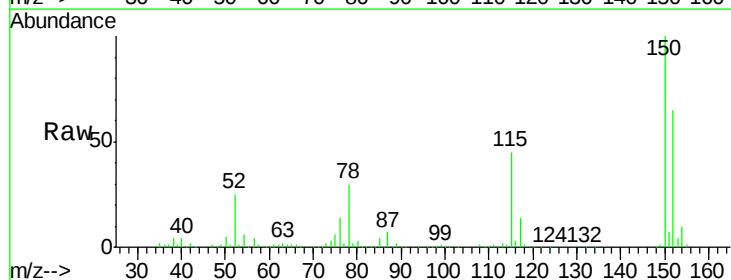
Tgt Ion: 79 Resp: 17881

Ion Ratio Lower Upper

79 100

108 28.7 59.6 89.4#

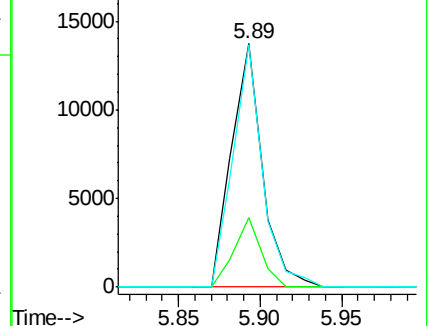
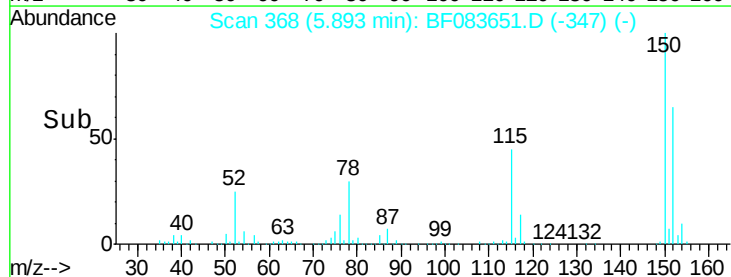
77 99.4 49.8 74.6#

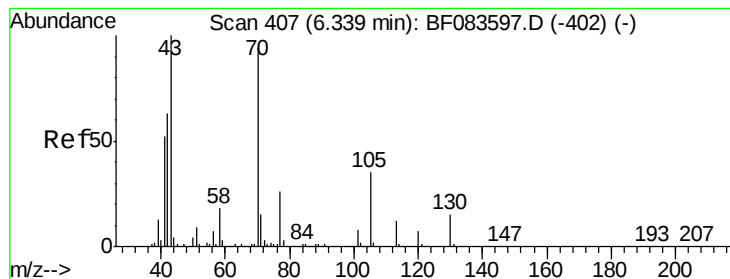


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.84 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.17 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

Instrument :

BNA_F

ClientSampleId :

NC-HB-002

Tgt Ion: 70 Resp: 137923

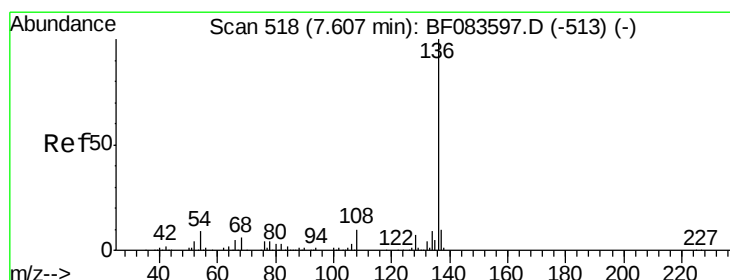
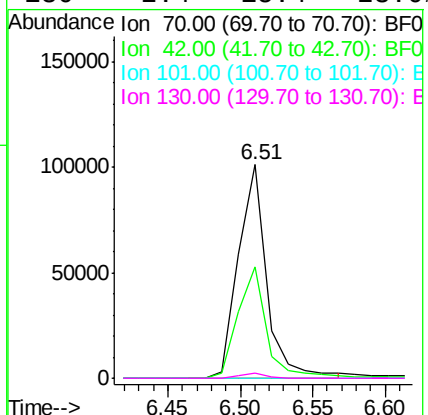
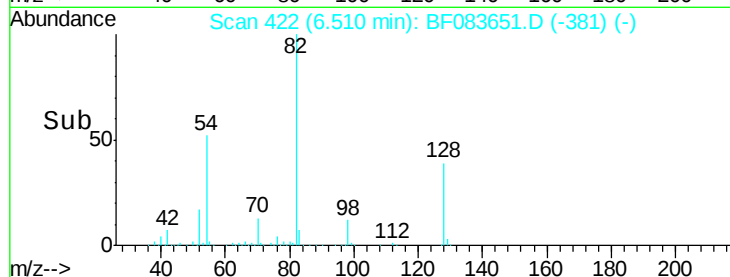
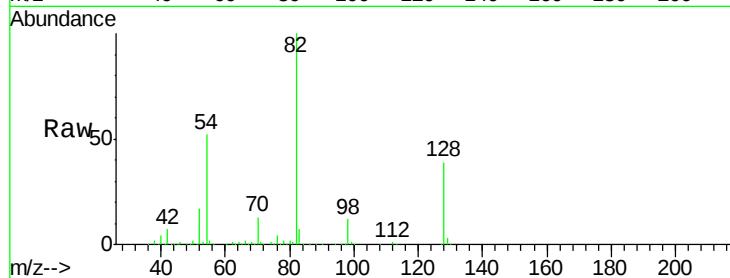
Ion Ratio Lower Upper

70 100

42 52.2 49.2 73.8

101 0.0 7.1 10.7#

130 2.4 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.57 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

Tgt Ion: 136 Resp: 544958

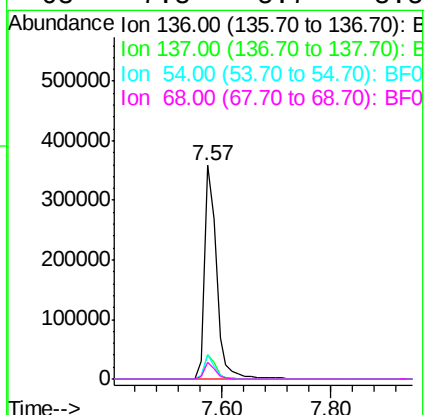
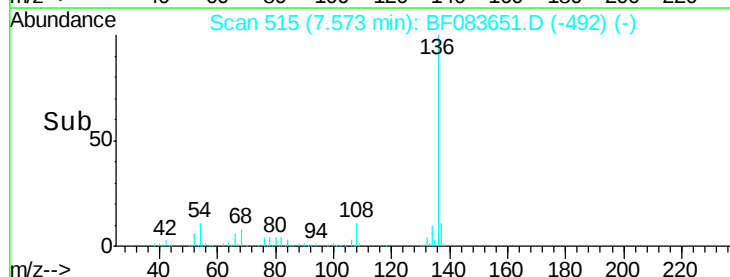
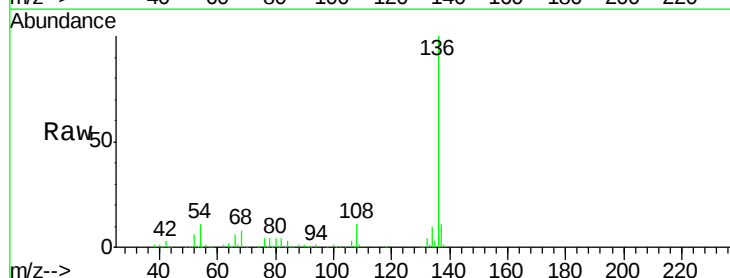
Ion Ratio Lower Upper

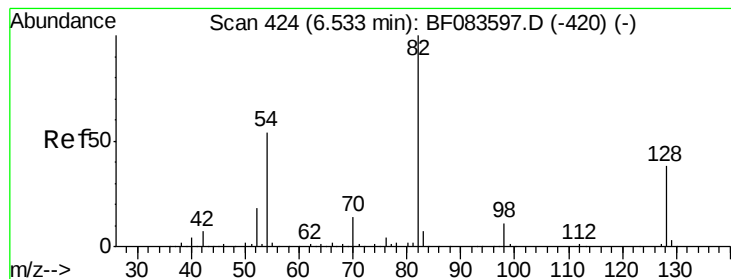
136 100

137 11.4 8.7 13.1

54 11.2 7.8 11.6

68 7.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 93.13 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

Instrument :

BNA_F

ClientSampleId :

NC-HB-002

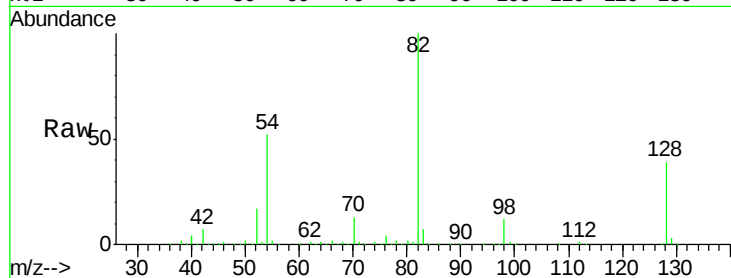
Tgt Ion: 82 Resp: 1087646

Ion Ratio Lower Upper

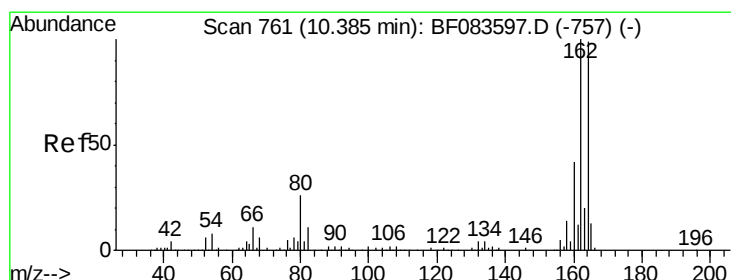
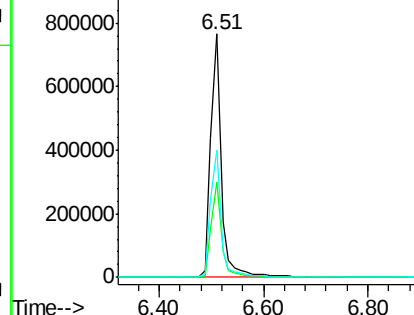
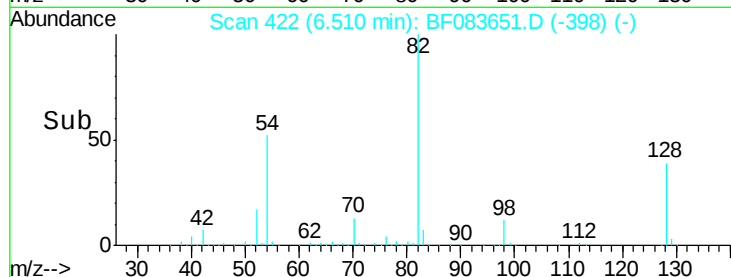
82 100

128 39.1 30.7 46.1

54 52.4 42.5 63.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF083651.D

Acq: 9 Dec 2015 21:01

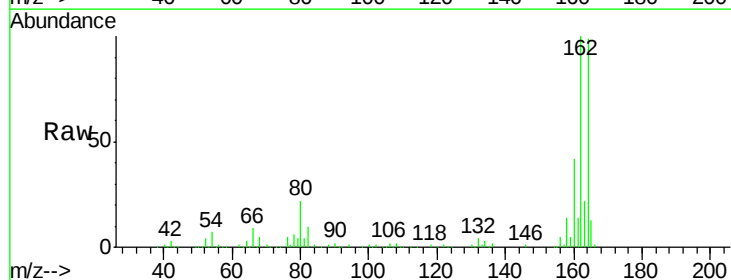
Tgt Ion: 164 Resp: 251890

Ion Ratio Lower Upper

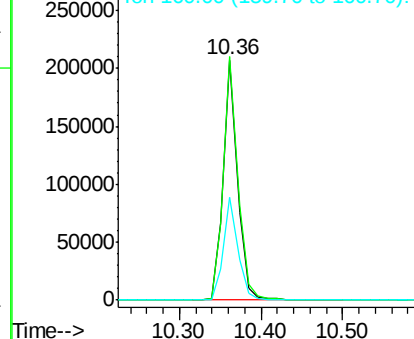
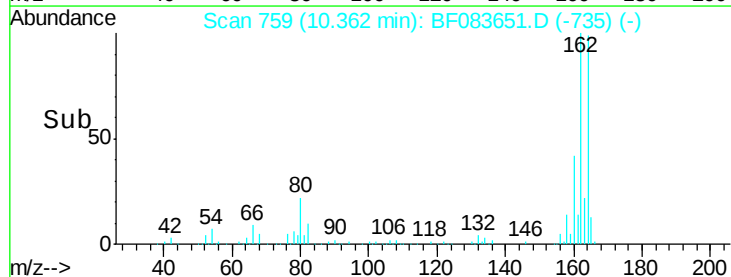
164 100

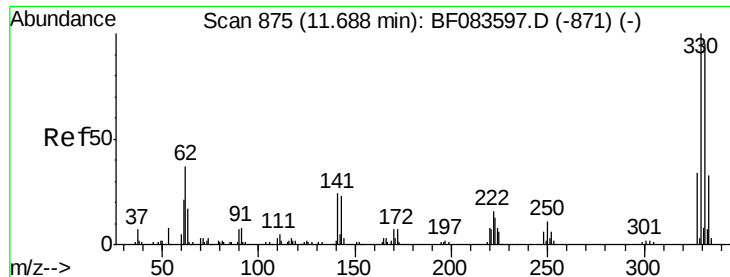
162 101.5 78.8 118.2

160 42.8 33.4 50.2



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

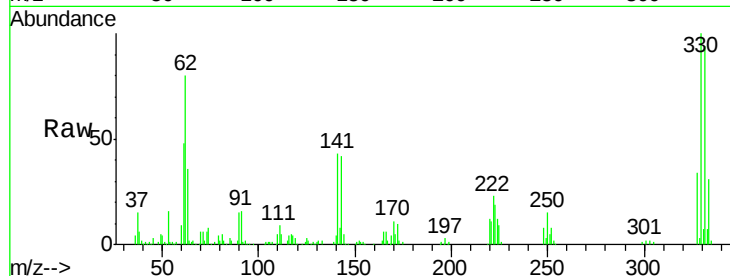




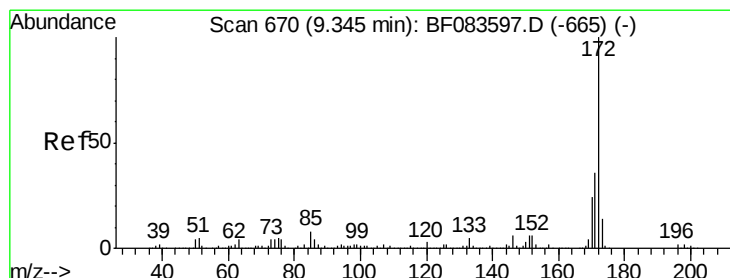
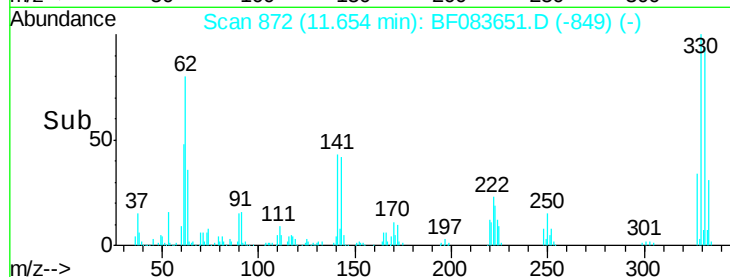
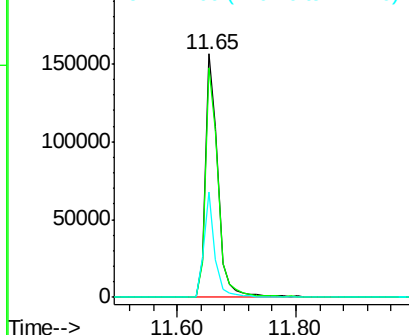
#41
 2,4,6-Tribromophenol
 Concen: 103.83 ng
 RT: 11.65 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF083651.D
 Acq: 9 Dec 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-002

Tgt Ion:330 Resp: 233016
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 38.8 0.0 0.0#

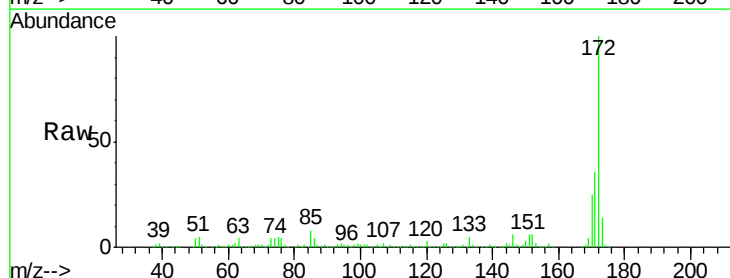


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

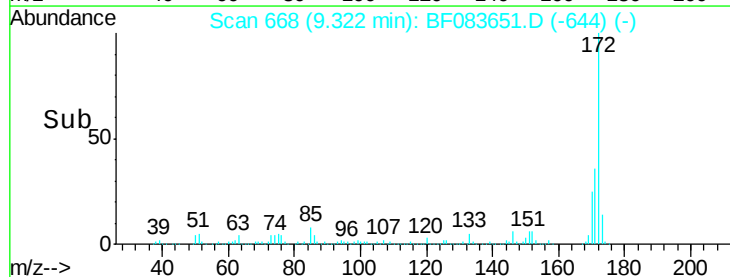
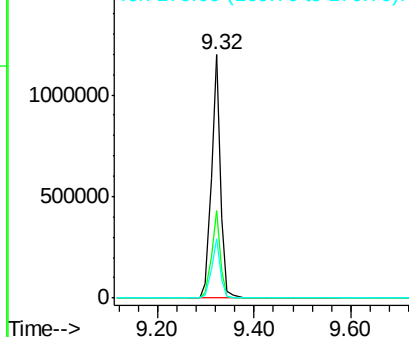


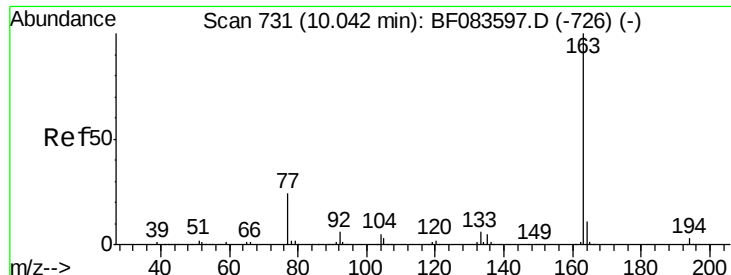
#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 9.32 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: BF083651.D
 Acq: 9 Dec 2015 21:01

Tgt Ion:172 Resp: 1598047
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 24.6 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

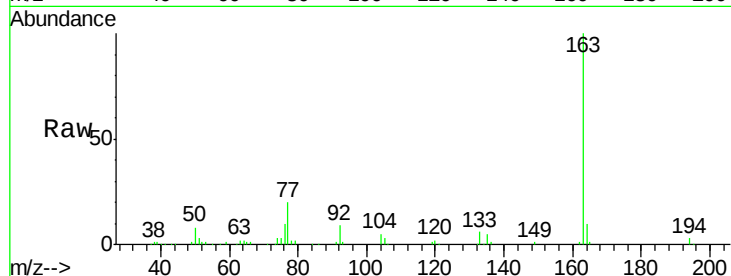




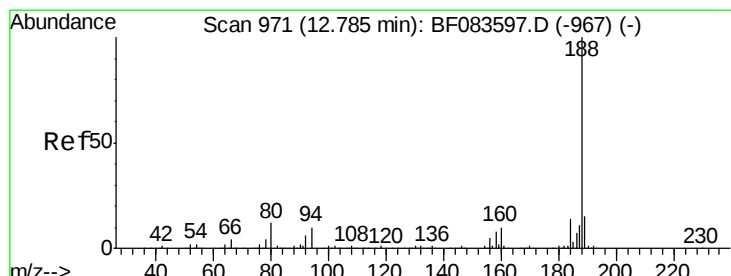
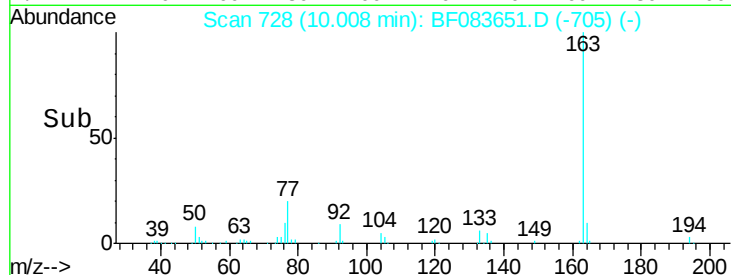
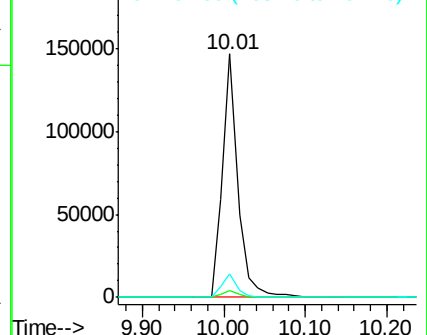
#49
Dimethylphthalate
Concen: 9.66 ng
RT: 10.01 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF083651.D
Acq: 9 Dec 2015 21:01

Instrument :
BNA_F
ClientSampleId :
NC-HB-002

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.8	4.2
164	9.6	8.6	13.0

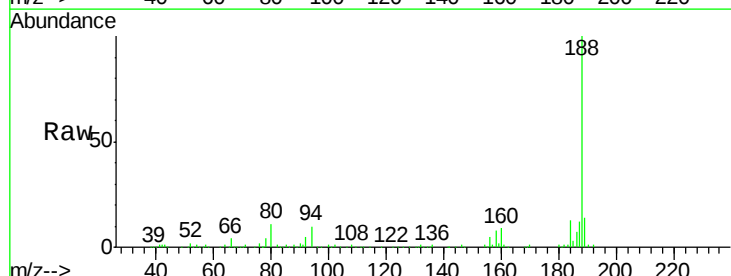


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

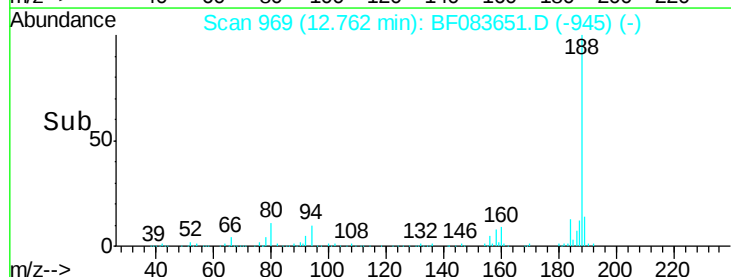
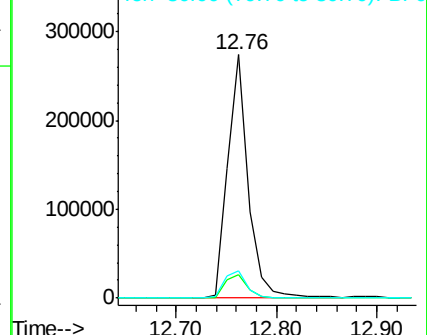


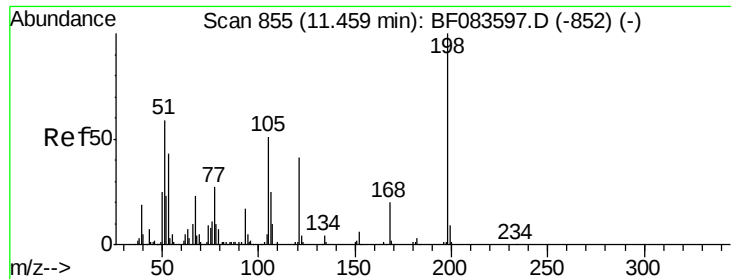
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF083651.D
Acq: 9 Dec 2015 21:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	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

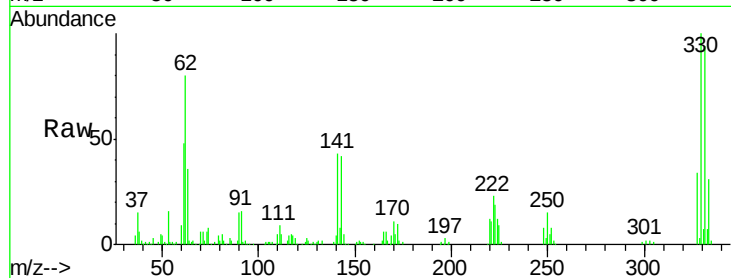




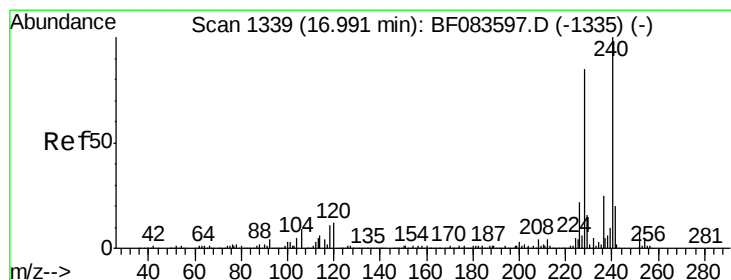
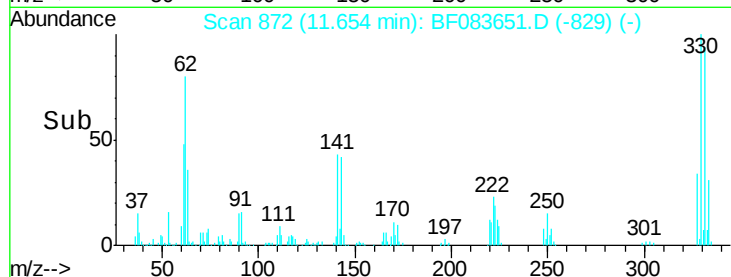
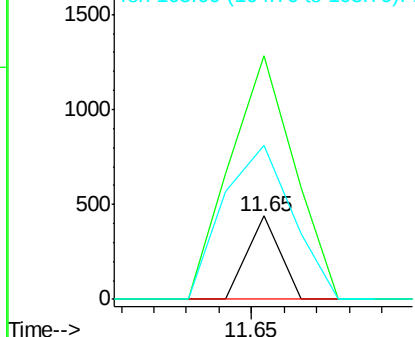
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.06 ng
 RT: 11.65 min Scan# 872
 Delta R.T. 0.19 min
 Lab File: BF083651.D
 Acq: 9 Dec 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-002

Tgt Ion:198 Resp: 302
 Ion Ratio Lower Upper
 198 100
 51 291.4 53.8 93.8#
 105 185.0 38.6 78.6#

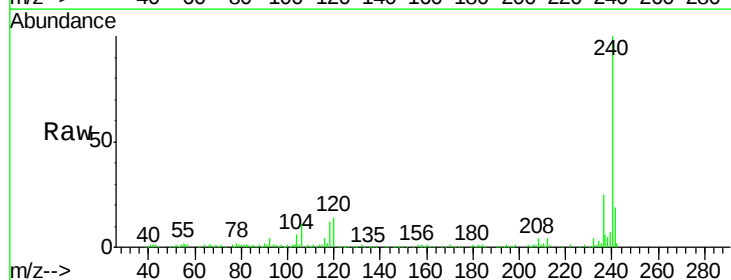


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

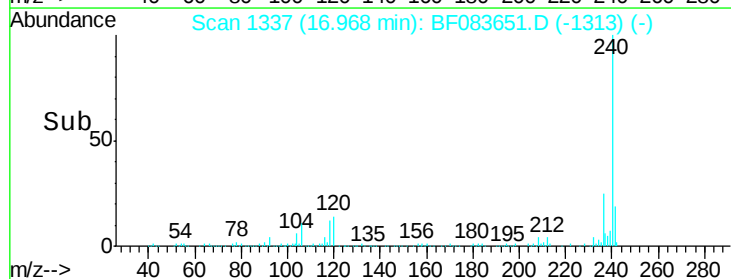
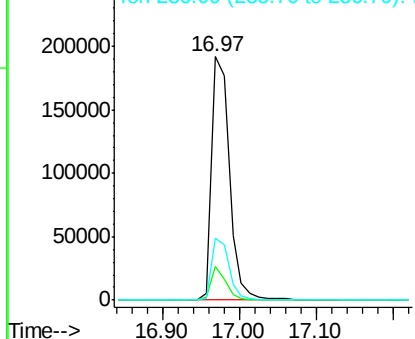


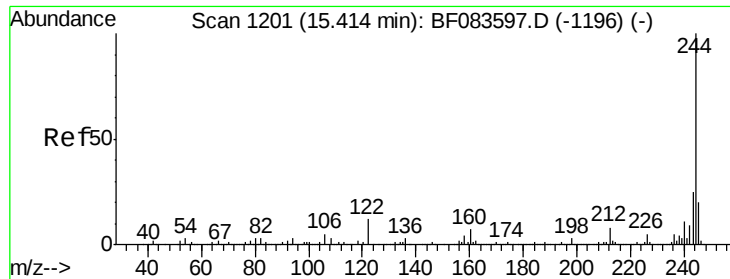
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF083651.D
 Acq: 9 Dec 2015 21:01

Tgt Ion:240 Resp: 310549
 Ion Ratio Lower Upper
 240 100
 120 13.8 8.1 12.1#
 236 25.3 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

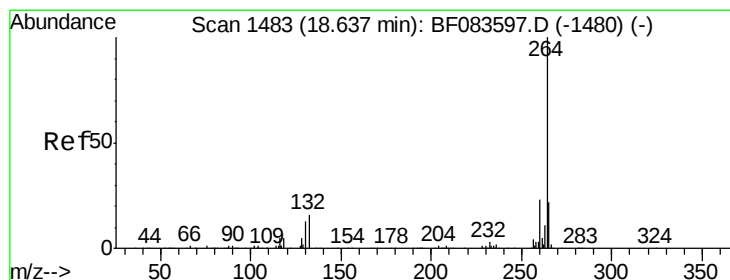
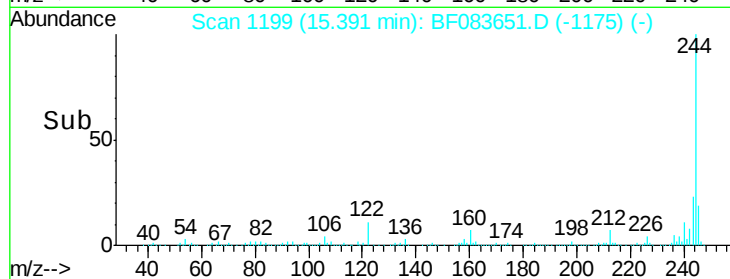
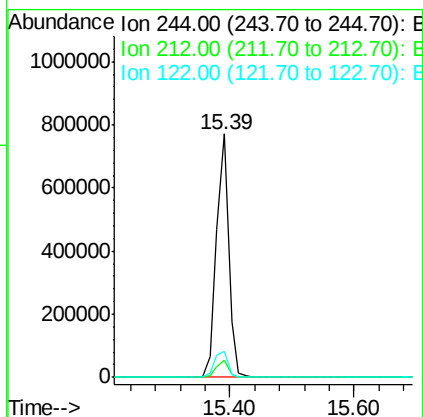
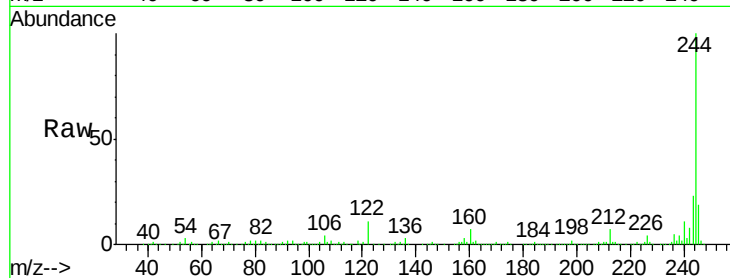




#78
 Terphenyl-d14
 Concen: 78.64 ng
 RT: 15.39 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: BF083651.D
 Acq: 9 Dec 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 NC-HB-002

Tgt Ion:244 Resp: 1037994
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.9 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.61 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF083651.D
 Acq: 9 Dec 2015 21:01

Tgt Ion:264 Resp: 256175
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.0
 265 21.2 17.8 26.6

