

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084867.D
 Acq On : 5 Feb 2016 18:43
 Operator : SJ/IZ
 Sample : H1311-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(45-47)

Quant Time: Feb 05 22:20:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

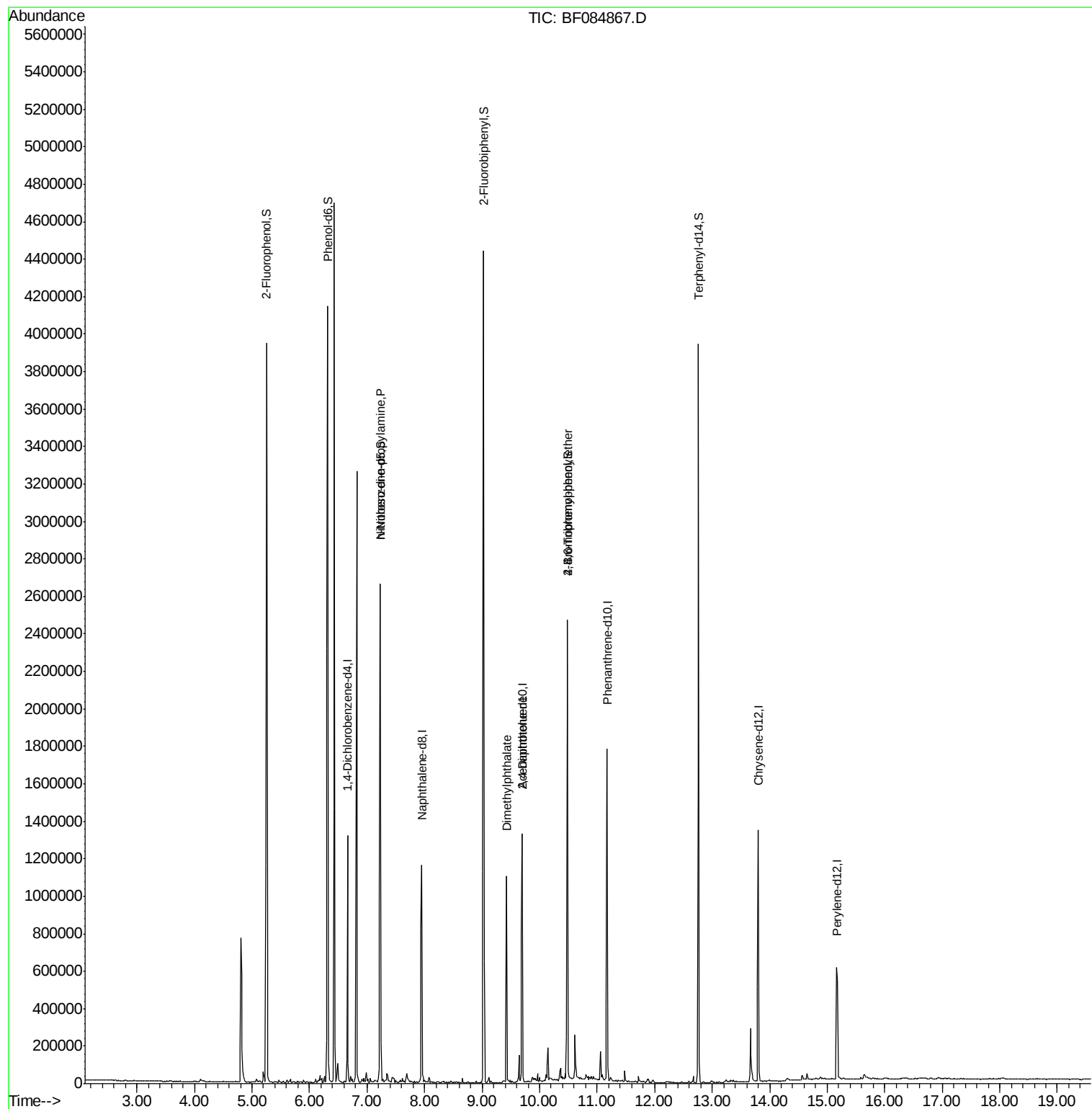
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	171138	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	682344	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	321217	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	611163	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	497015	20.00	ng	-0.03
86) Perylene-d12	15.17	264	323121	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1125824	102.47	ng	-0.02
7) Phenol-d6	6.32	99	1606205	117.92	ng	-0.02
23) Nitrobenzene-d5	7.23	82	878609	72.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	429624	128.22	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1391593	68.37	ng	-0.03
78) Terphenyl-d14	12.76	244	1283484	58.52	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	121294	14.21	ng	# 71
49) Dimethylphthalate	9.42	163	393080	16.07	ng	# 91
56) 2,4-Dinitrotoluene	9.70	165	39432	5.78	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	27142	4.02	ng	# 1

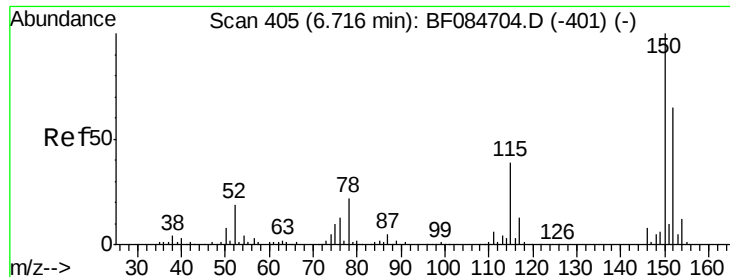
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

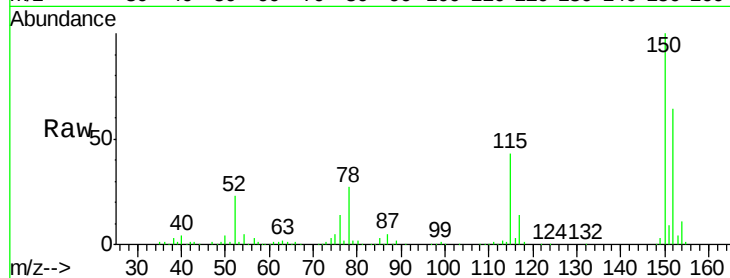
Tgt Ion:152 Resp: 171138

Ion Ratio Lower Upper

152 100

150 157.4 123.0 184.4

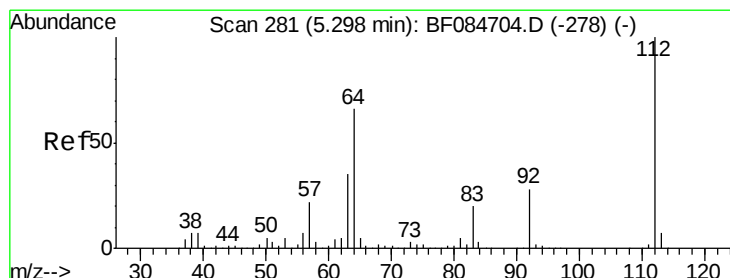
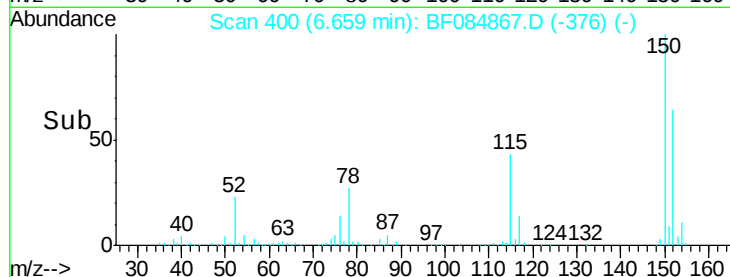
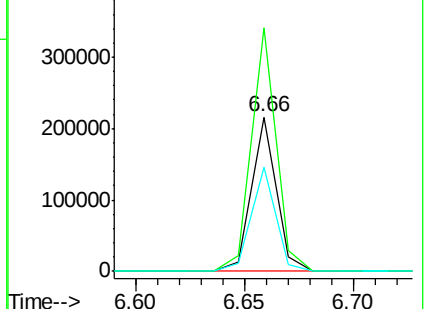
115 67.7 51.4 77.2



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: 102.47 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

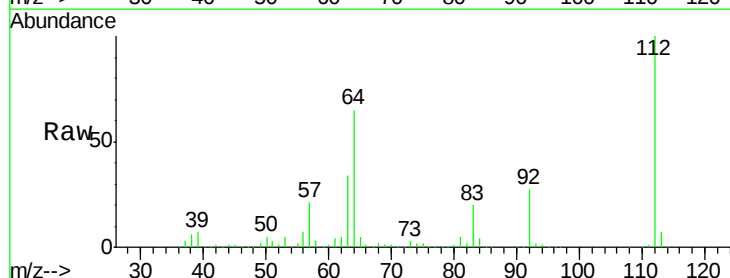
Tgt Ion:112 Resp: 1125824

Ion Ratio Lower Upper

112 100

64 64.7 36.6 55.0#

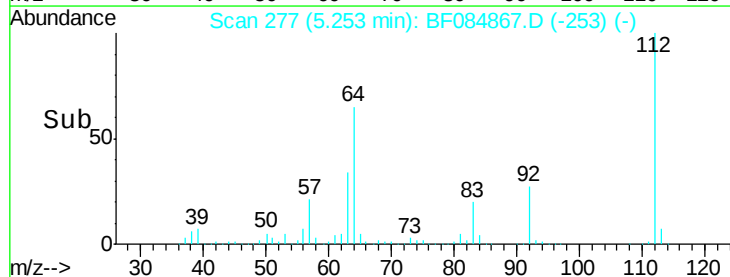
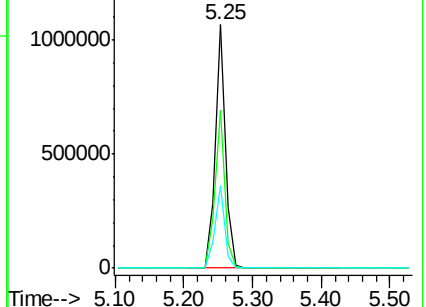
63 34.0 19.4 29.0#



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: 117.92 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

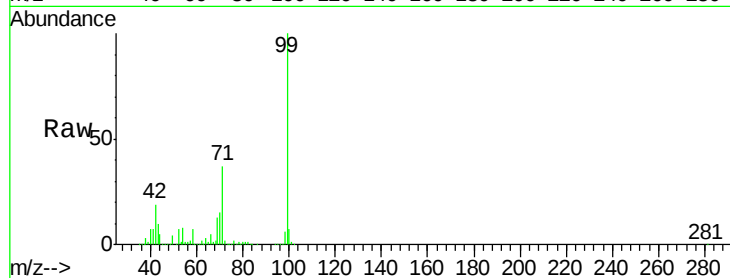
Tgt Ion: 99 Resp: 1606205

Ion Ratio Lower Upper

99 100

42 18.8 12.8 19.2

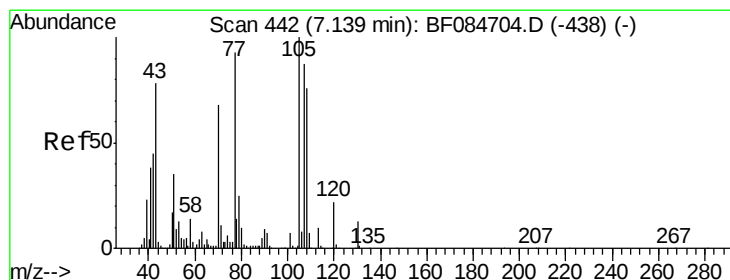
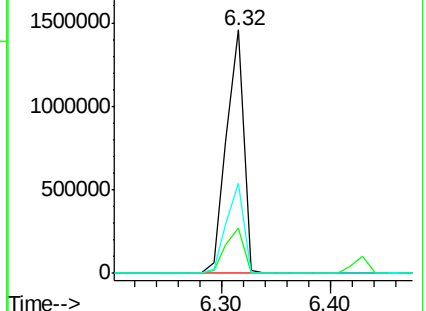
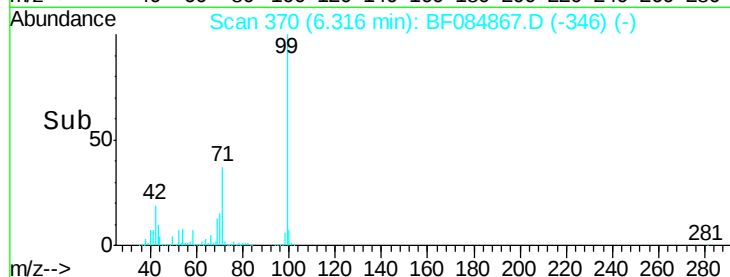
71 36.8 30.9 46.3



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: 14.21 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Tgt Ion: 70 Resp: 121294

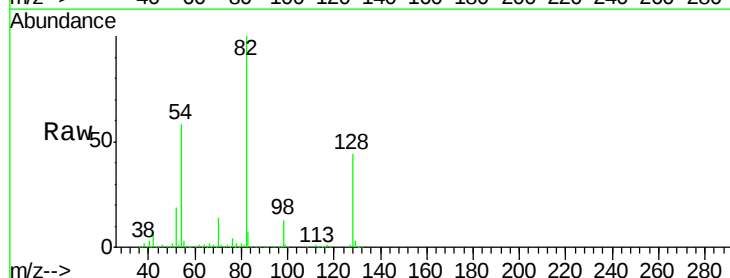
Ion Ratio Lower Upper

70 100

42 49.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

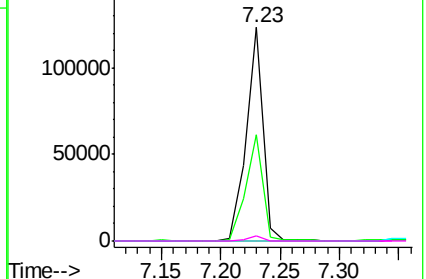
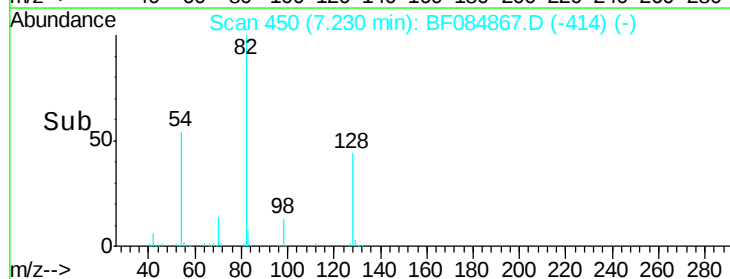


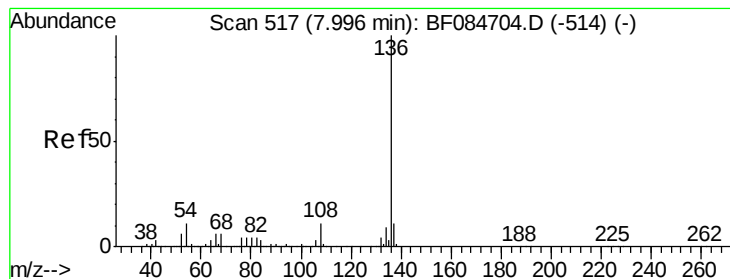
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

BNA_F

ClientSampleId :

SUP-B008(45-47)

Tgt Ion: 136 Resp: 682344

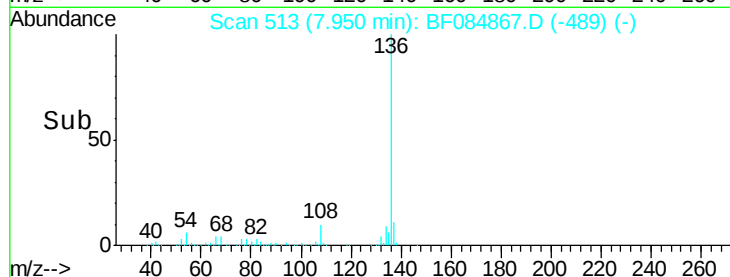
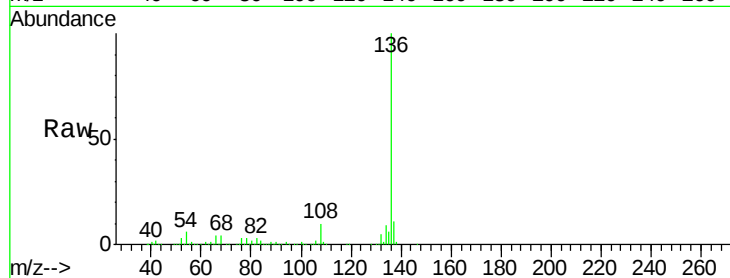
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.3 5.8 8.8

68 3.7 4.2 6.2#

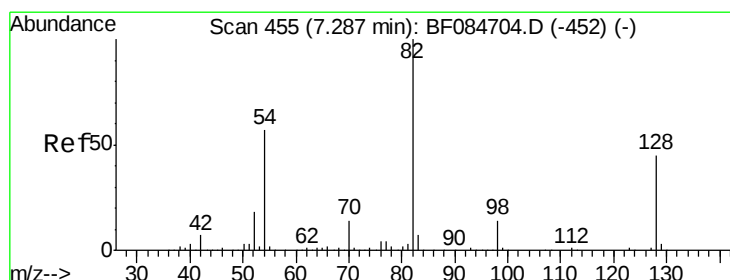
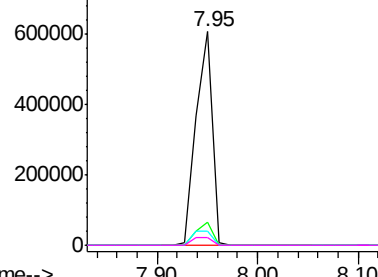


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.54 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

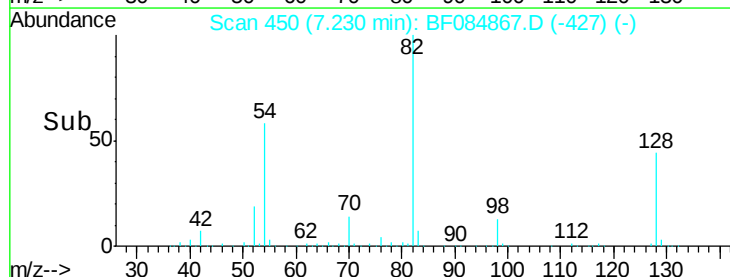
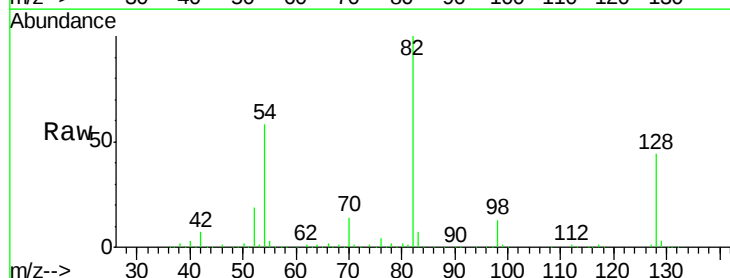
Tgt Ion: 82 Resp: 878609

Ion Ratio Lower Upper

82 100

128 43.6 34.6 51.8

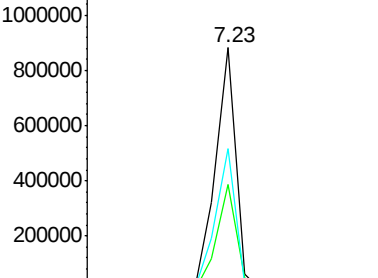
54 58.5 38.4 57.6#

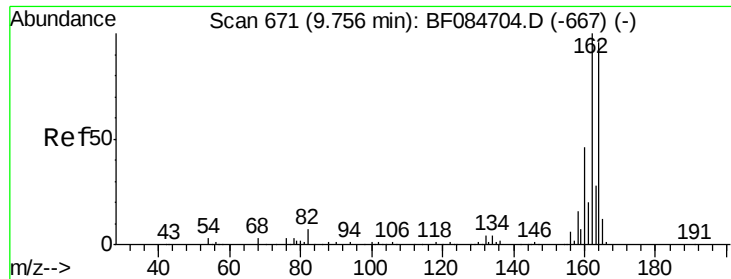


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

Instrument :

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ClientSampleId :

SUP-B008(45-47)

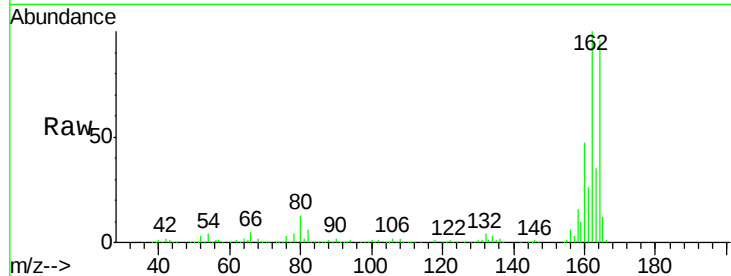
Tgt Ion:164 Resp: 321217

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

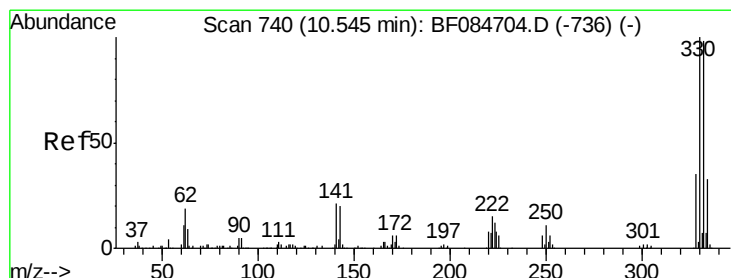
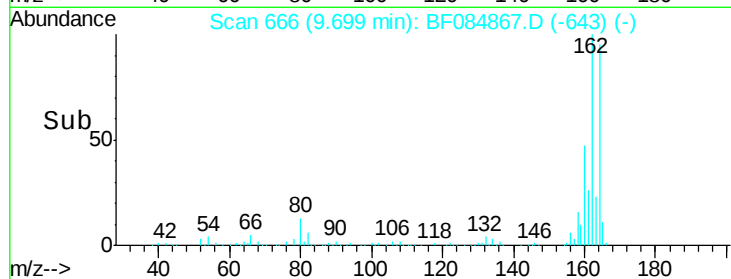
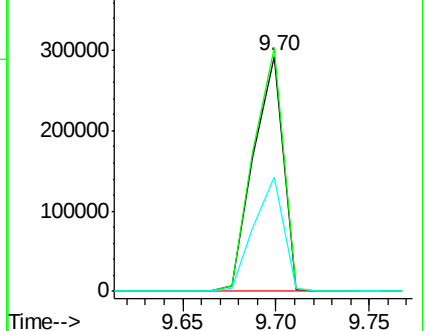
160 48.6 37.5 56.3



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: 128.22 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084867.D

Acq: 5 Feb 2016 18:43

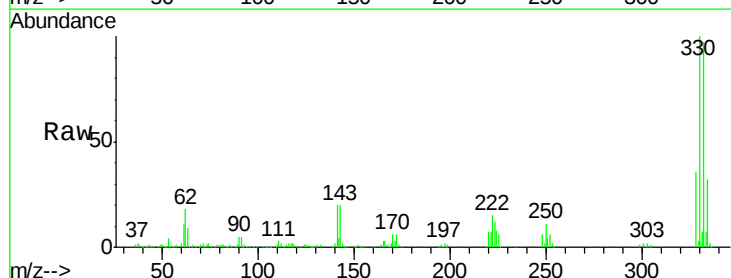
Tgt Ion:330 Resp: 429624

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

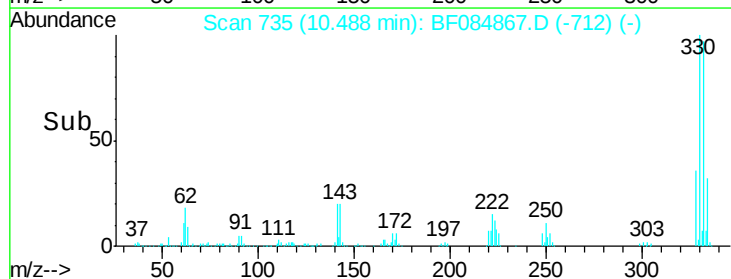
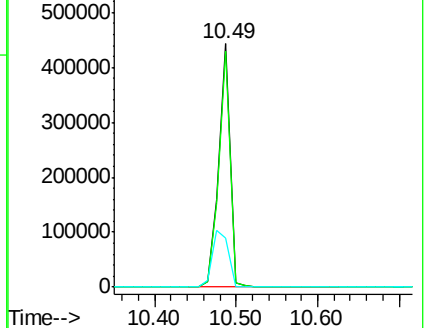
141 33.1 27.8 41.6

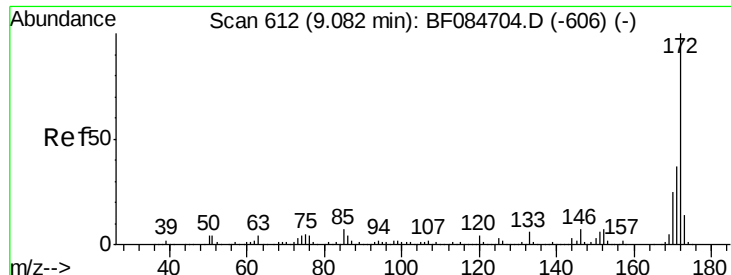


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

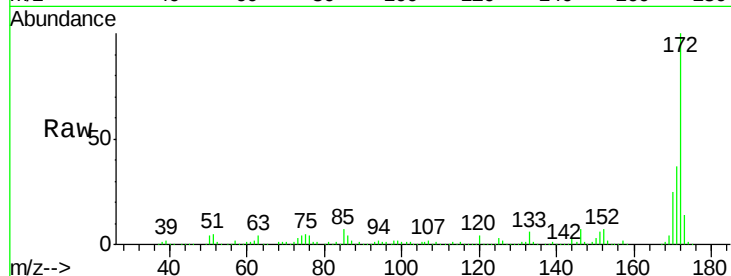




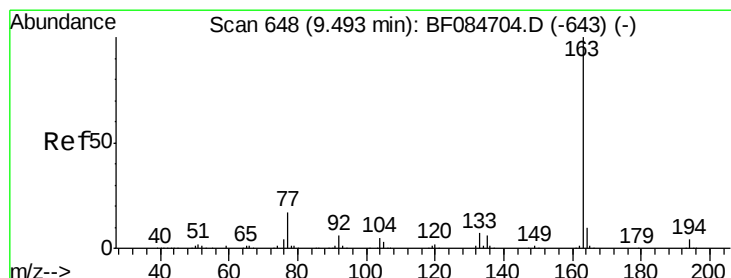
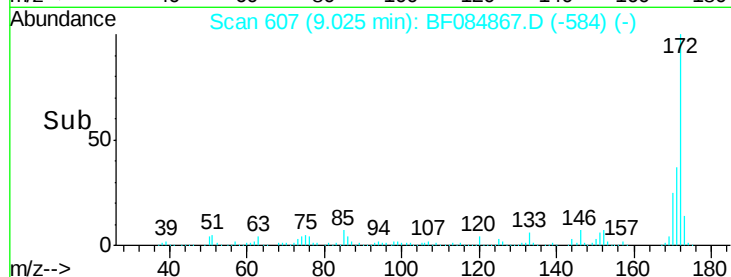
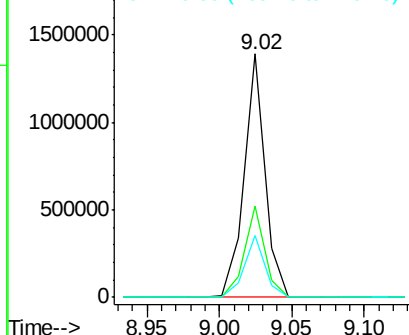
#44
2-Fluorobiphenyl
Concen: 68.37 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084867.D
Acq: 5 Feb 2016 18:43

Instrument :
BNA_F
ClientSampleId :
SUP-B008(45-47)

Tgt Ion:172 Resp: 1391593
Ion Ratio Lower Upper
172 100
171 37.4 28.9 43.3
170 25.2 18.6 27.8

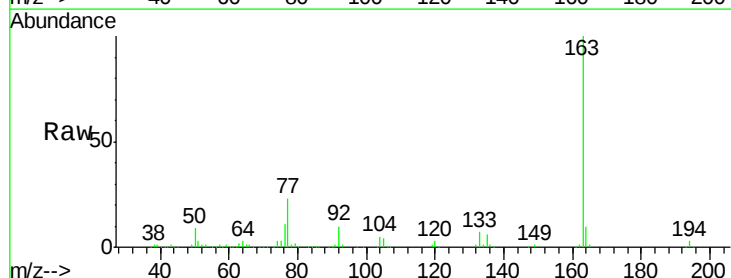


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

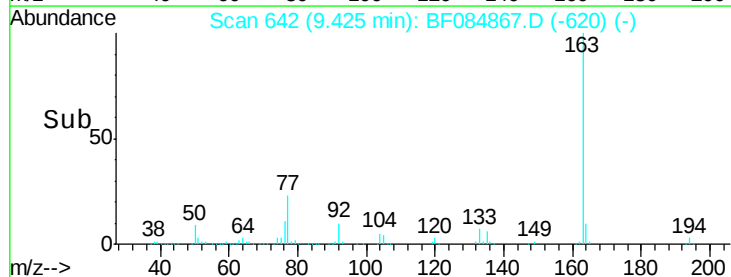
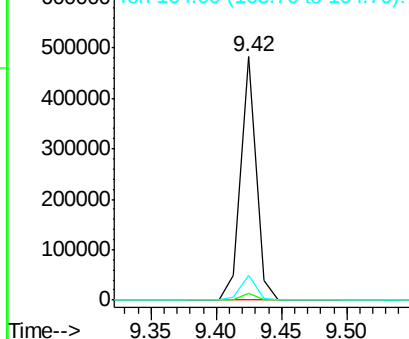


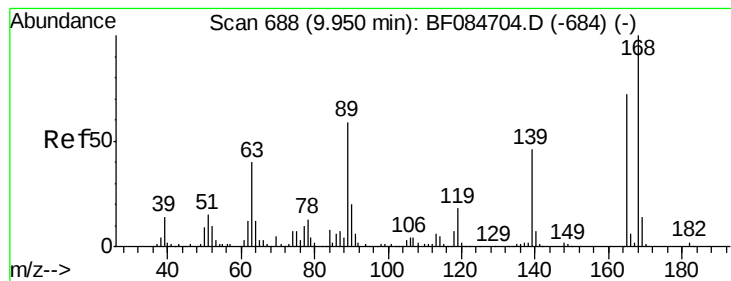
#49
Dimethylphthalate
Concen: 16.07 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084867.D
Acq: 5 Feb 2016 18:43

Tgt Ion:163 Resp: 393080
Ion Ratio Lower Upper
163 100
194 3.0 8.0 12.0#
164 10.1 8.0 12.0



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

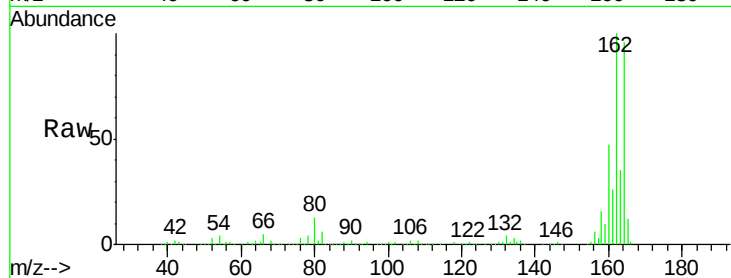




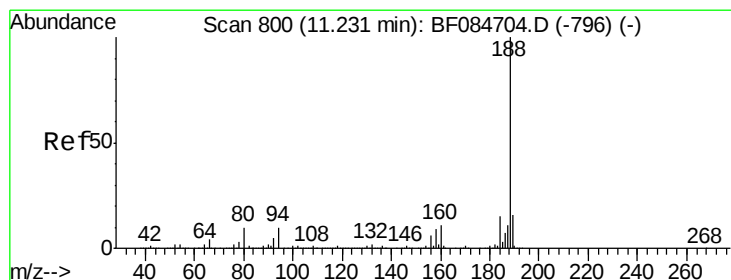
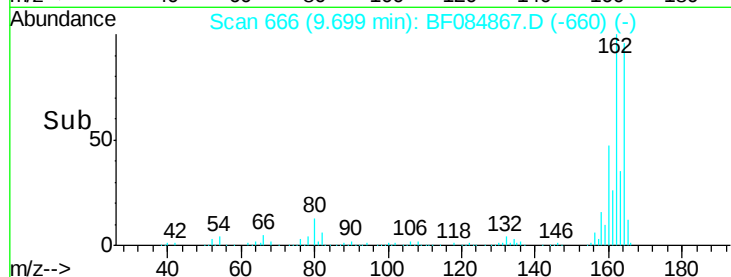
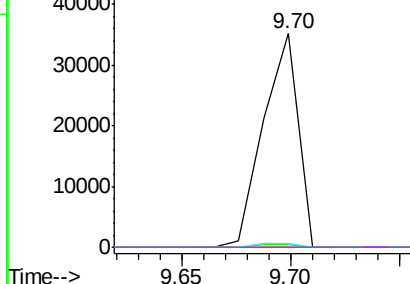
#56
 2,4-Dinitrotoluene
 Concen: 5.78 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(45-47)

Tgt Ion:165 Resp: 39432
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.7 55.1#
 89 2.0 61.9 92.9#
 182 0.0 2.0 3.0#

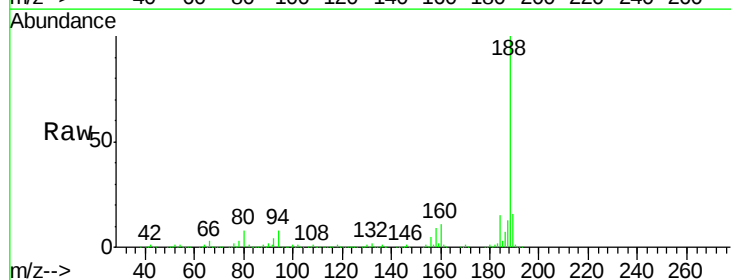


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

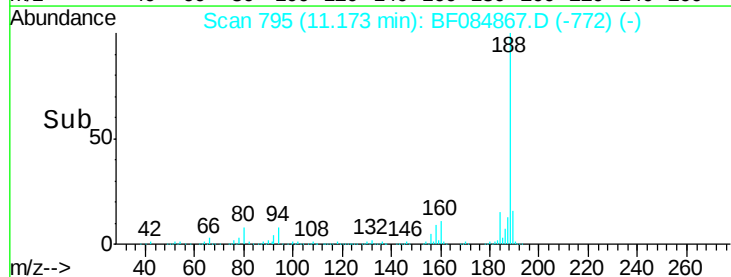
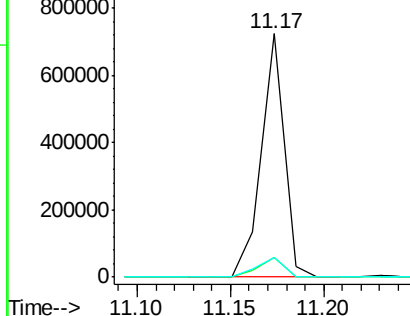


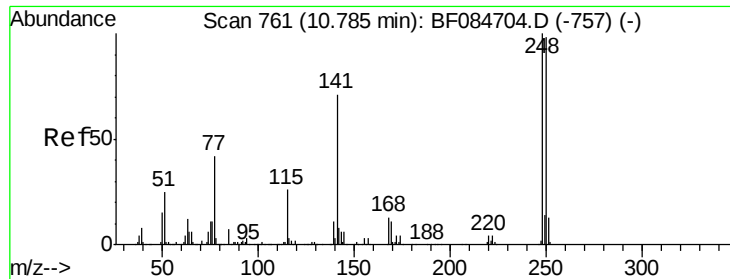
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Tgt Ion:188 Resp: 611163
 Ion Ratio Lower Upper
 188 100
 94 8.2 9.0 13.4#
 80 8.3 9.6 14.4#



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

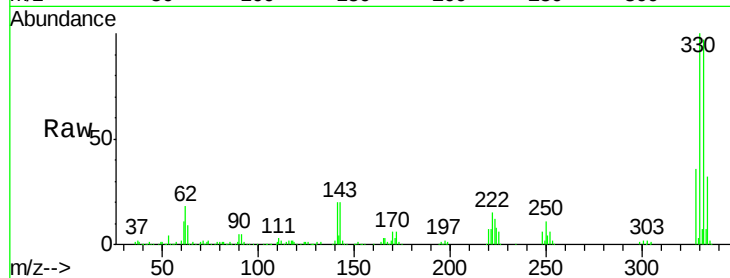




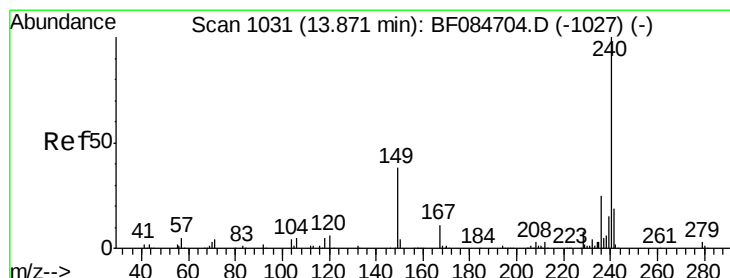
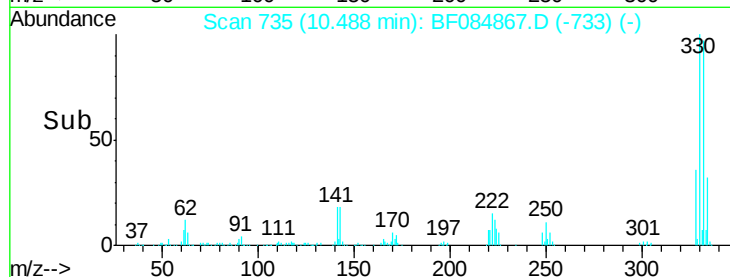
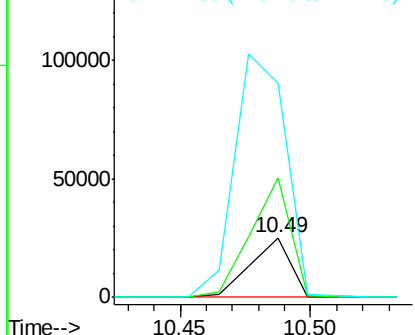
#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084867.D
Acq: 5 Feb 2016 18:43

Instrument :
BNA_F
ClientSampleId :
SUP-B008(45-47)

Tgt Ion:248 Resp: 27142
Ion Ratio Lower Upper
248 100
250 200.7 78.4 117.6#
141 358.5 44.0 66.0#

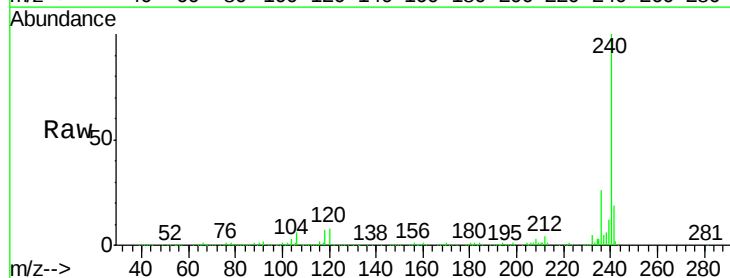


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

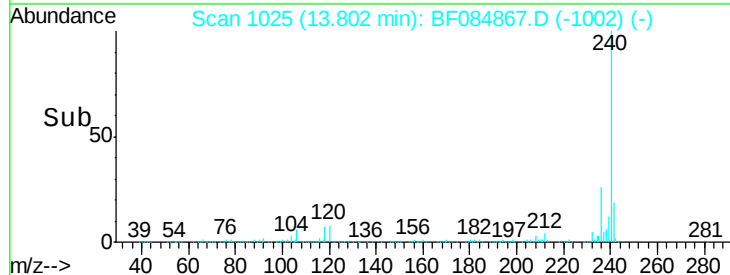
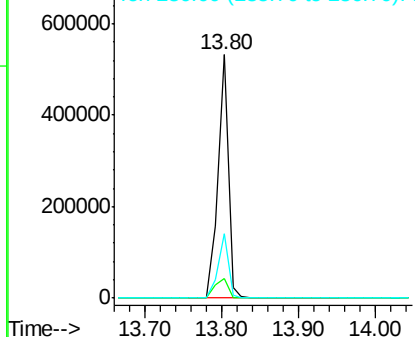


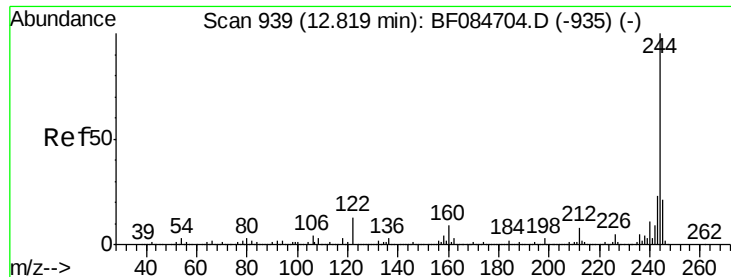
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084867.D
Acq: 5 Feb 2016 18:43

Tgt Ion:240 Resp: 497015
Ion Ratio Lower Upper
240 100
120 8.2 9.5 14.3#
236 26.2 20.6 31.0



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

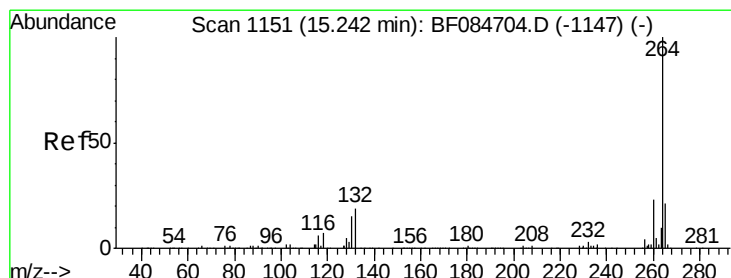
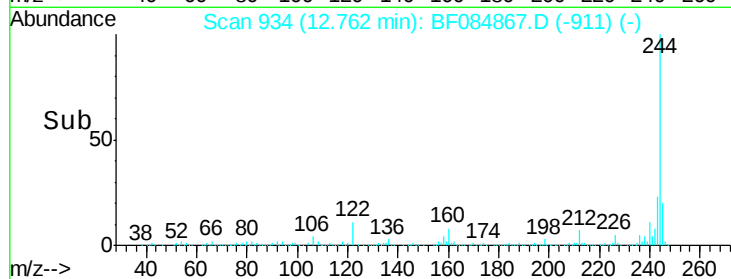
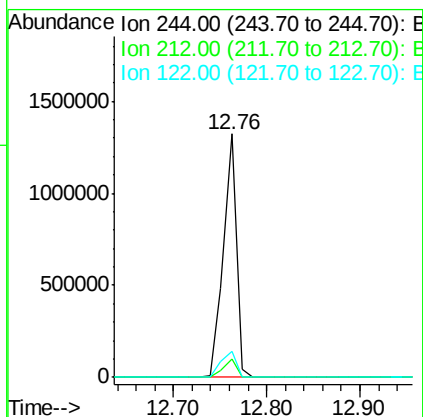
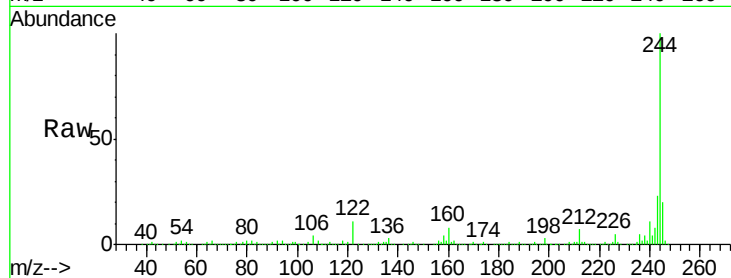




#78
 Terphenyl-d14
 Concen: 58.52 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B008(45-47)

Tgt Ion:244 Resp: 1283484
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.8 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084867.D
 Acq: 5 Feb 2016 18:43

Tgt Ion:264 Resp: 323121
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.6 17.8 26.6

