

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084843.D
 Acq On : 4 Feb 2016 22:04
 Operator : SJ/IZ
 Sample : H1320-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

Quant Time: Feb 05 01:40:24 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

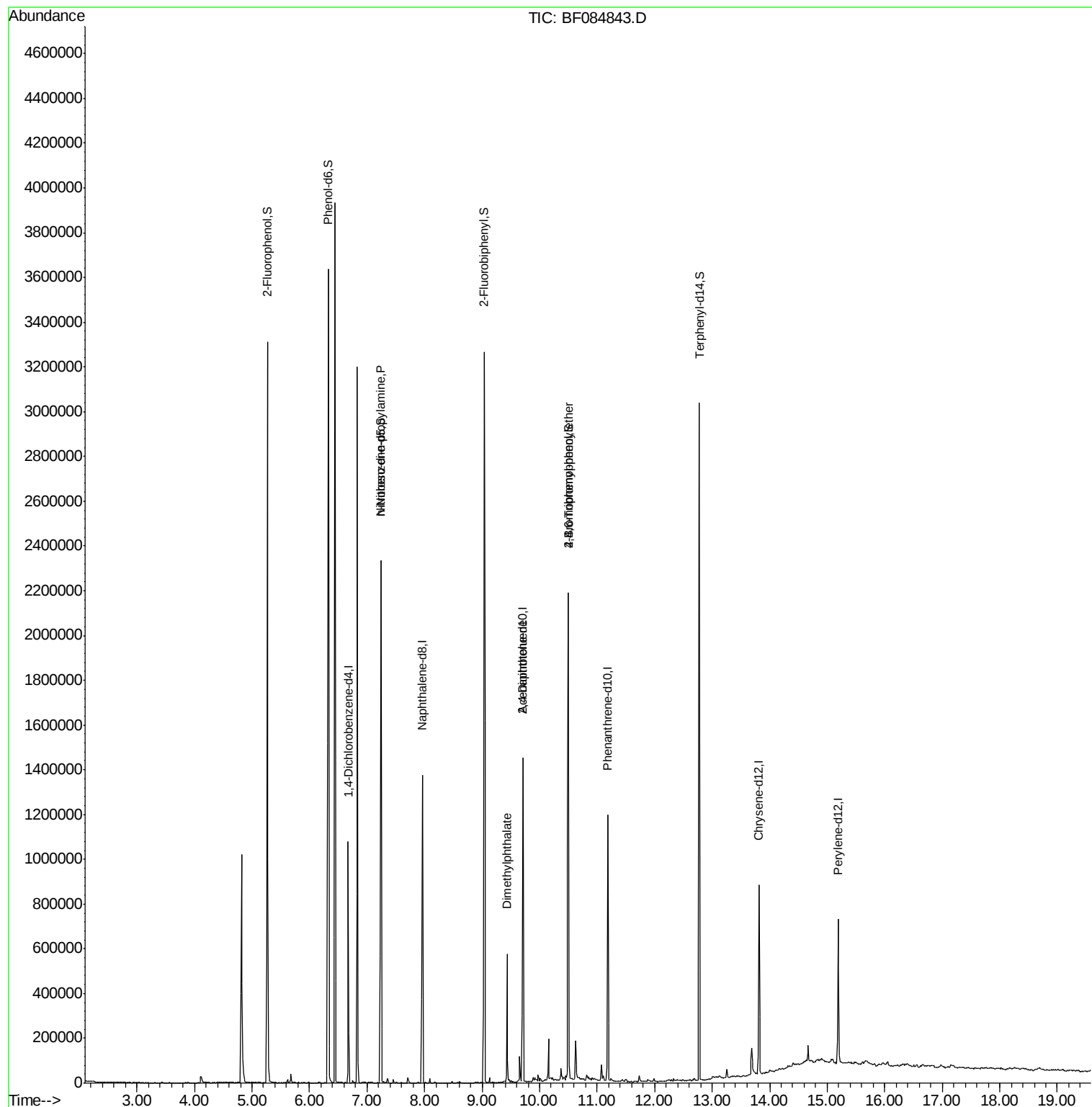
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	149489	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	618906	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	273193	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	409608	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	291962	20.00	ng	-0.02
86) Perylene-d12	15.19	264	310278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	965762	100.63	ng	-0.01
7) Phenol-d6	6.33	99	1266733	106.47	ng	-0.01
23) Nitrobenzene-d5	7.24	82	729301	66.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	283841	99.61	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1224017	71.59	ng	-0.02
78) Terphenyl-d14	12.77	244	882110	68.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	99270	13.31	ng	# 71
49) Dimethylphthalate	9.44	163	206062	9.90	ng	# 89
56) 2,4-Dinitrotoluene	9.71	165	33308	5.75	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	18371	4.06	ng	# 1

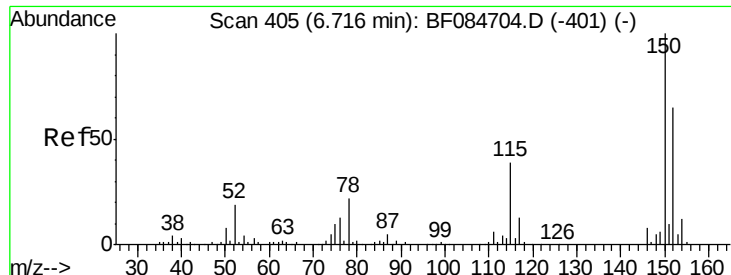
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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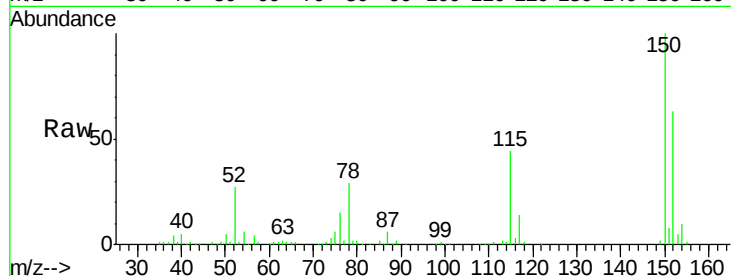




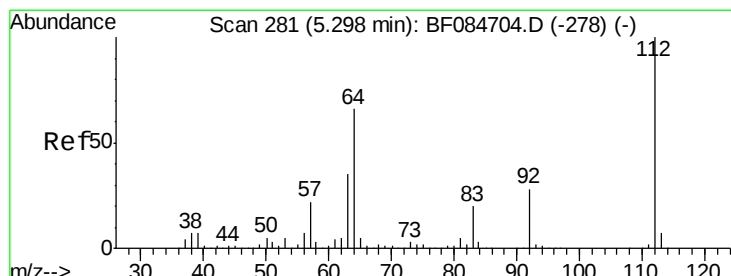
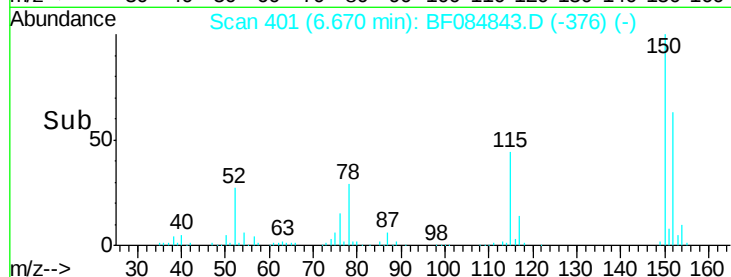
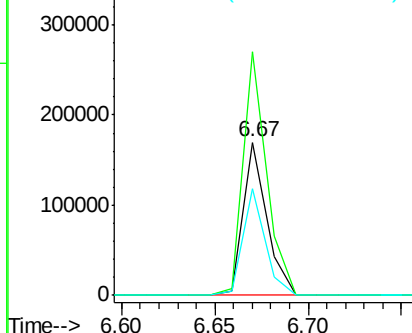
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

Tgt Ion:152 Resp: 149489
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.0 184.4
 115 69.6 51.4 77.2

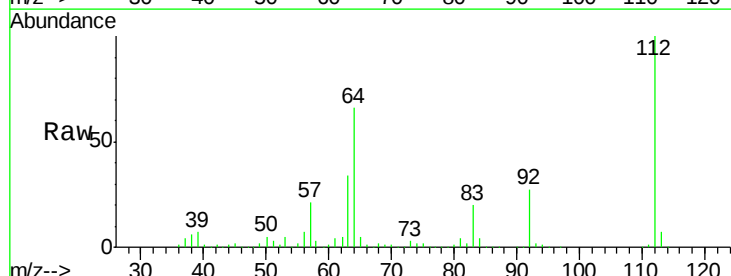


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

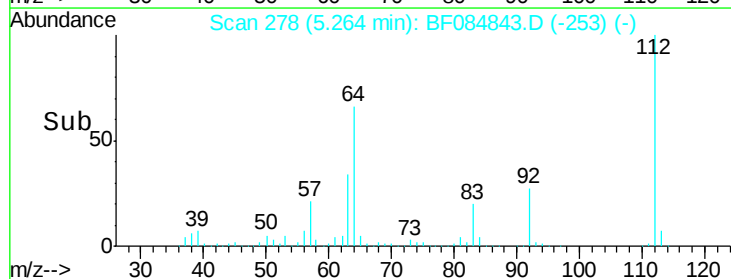
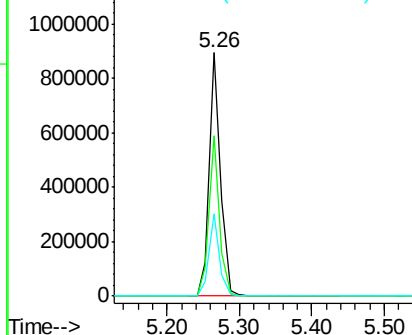


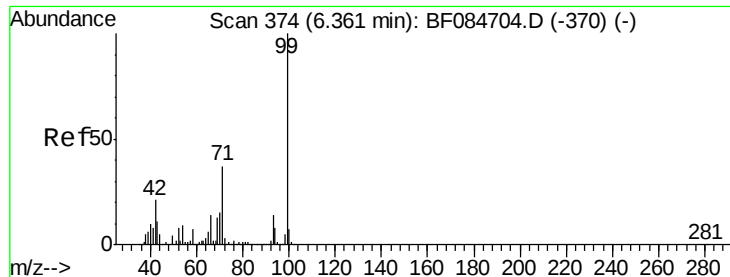
#5
 2-Fluorophenol
 Concen: 100.63 ng
 RT: 5.26 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Tgt Ion:112 Resp: 965762
 Ion Ratio Lower Upper
 112 100
 64 65.7 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: 106.47 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

BNA_F

ClientSampleId :

S4-B015(25-27)

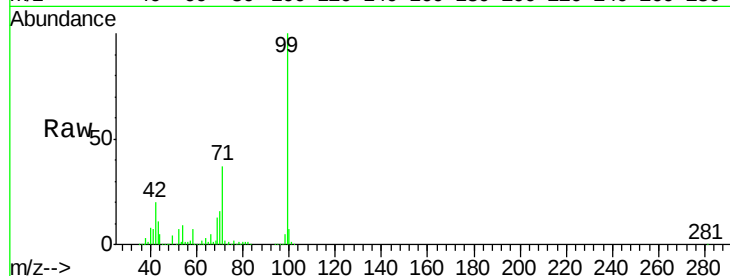
Tgt Ion: 99 Resp: 1266733

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

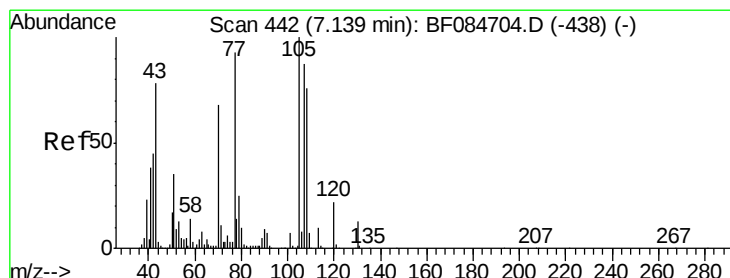
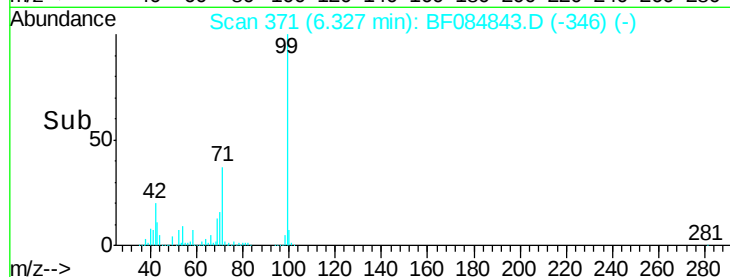
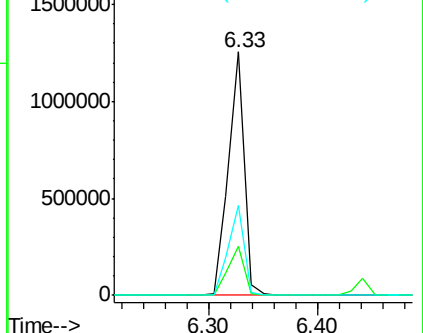
71 37.0 30.9 46.3



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: 13.31 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.13 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Tgt Ion: 70 Resp: 99270

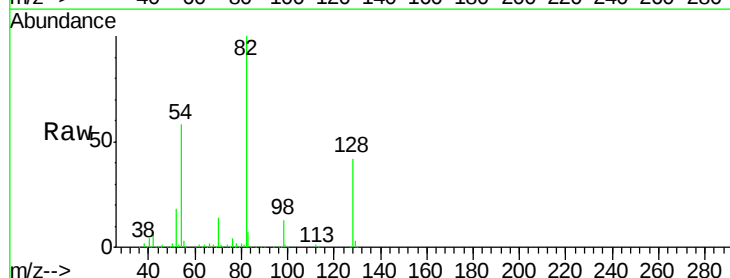
Ion Ratio Lower Upper

70 100

42 50.3 33.3 49.9#

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#

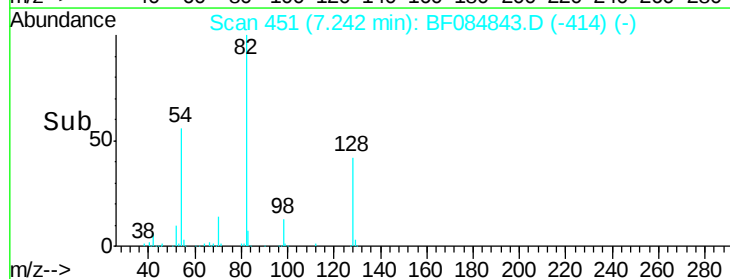
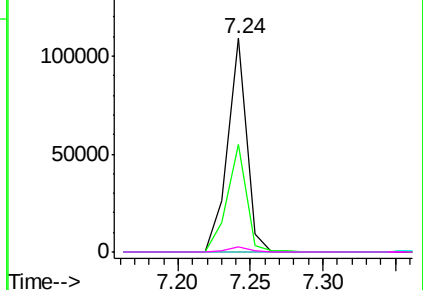


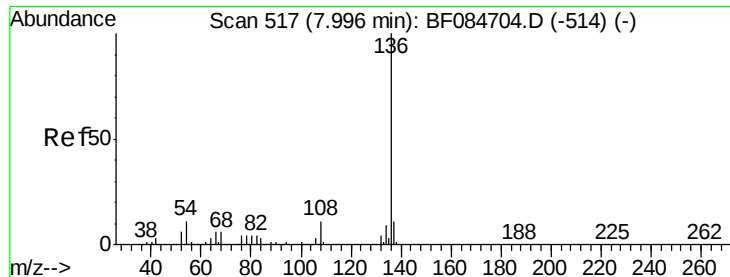
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

BNA_F

ClientSampleId :

S4-B015(25-27)

Tgt Ion: 136 Resp: 618906

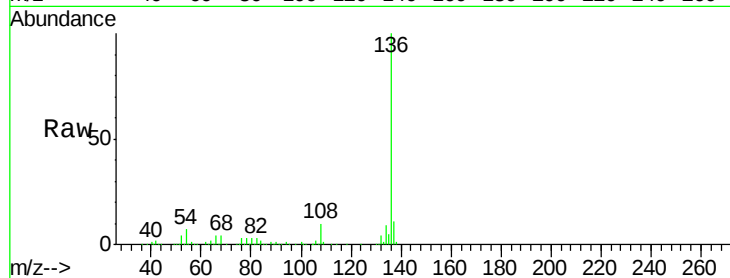
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.3 5.8 8.8

68 4.3 4.2 6.2

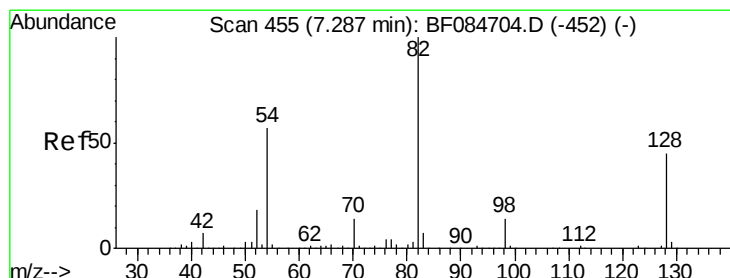
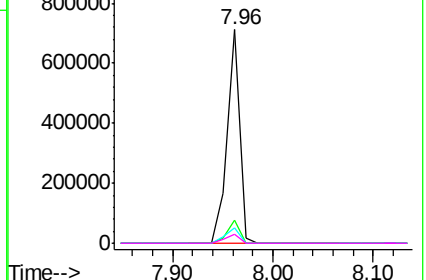
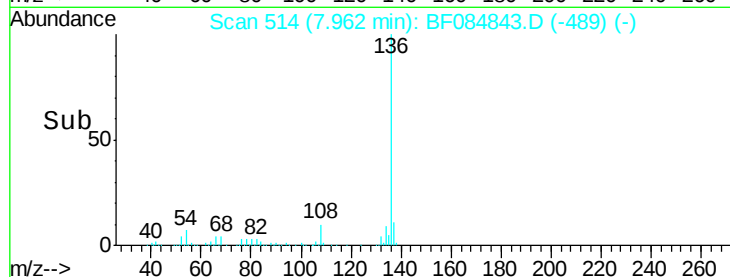


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.38 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

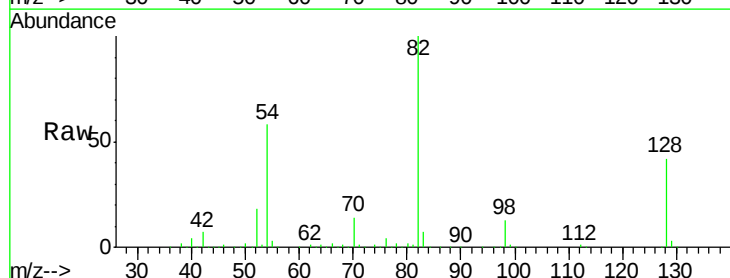
Tgt Ion: 82 Resp: 729301

Ion Ratio Lower Upper

82 100

128 41.9 34.6 51.8

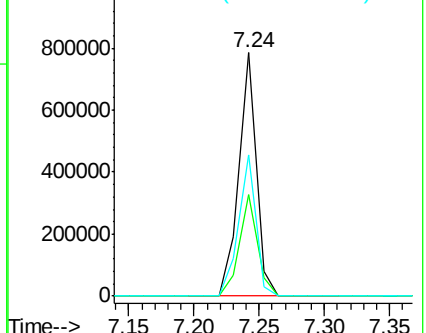
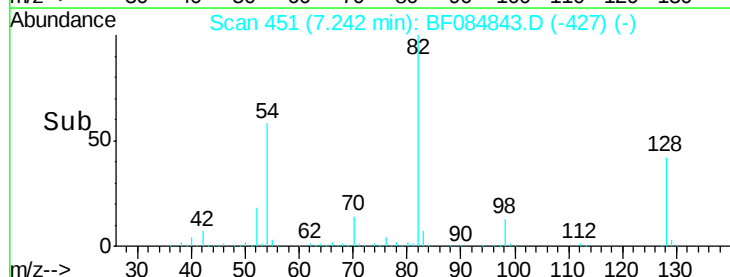
54 58.2 38.4 57.6#

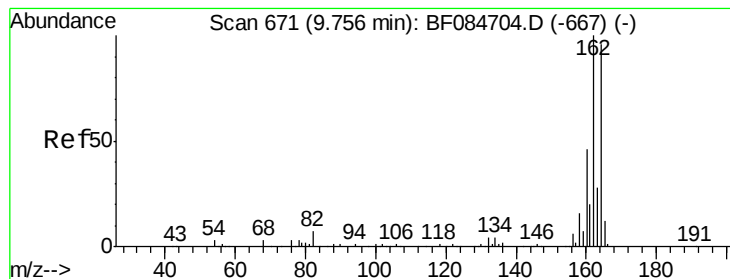


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

BNA_F

ClientSampleId :

S4-B015(25-27)

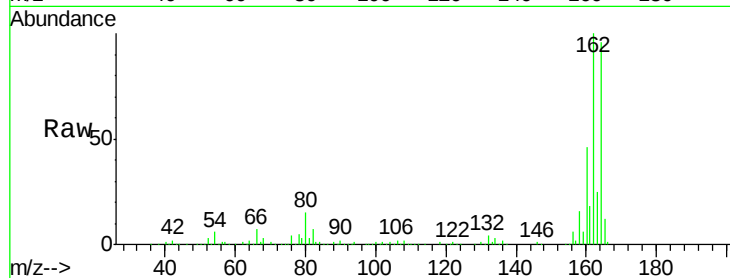
Tgt Ion:164 Resp: 273193

Ion Ratio Lower Upper

164 100

162 104.2 85.1 127.7

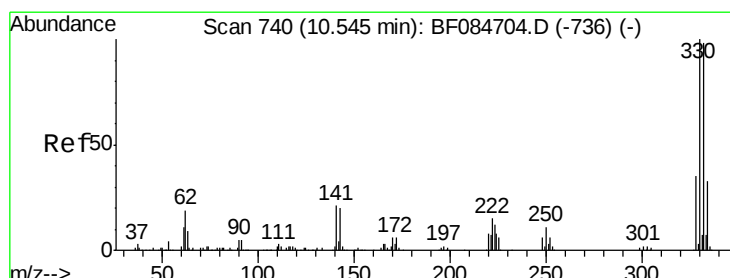
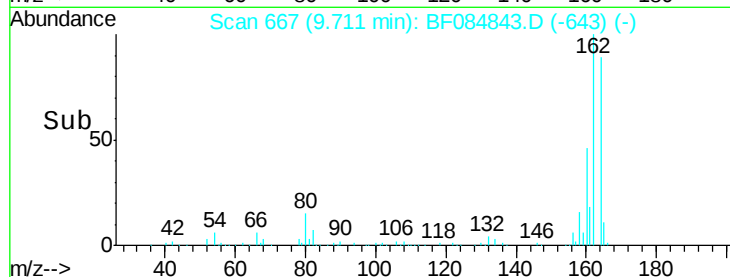
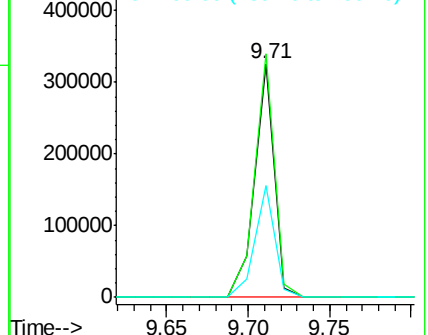
160 47.7 37.5 56.3



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: 99.61 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

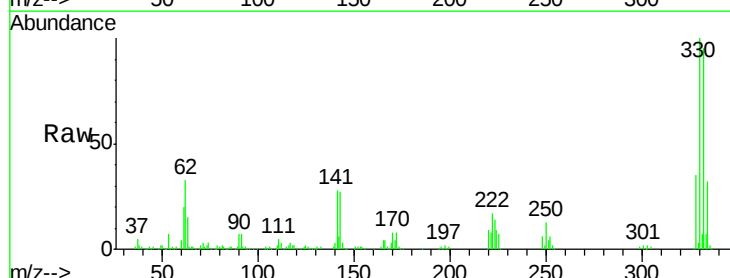
Tgt Ion:330 Resp: 283841

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

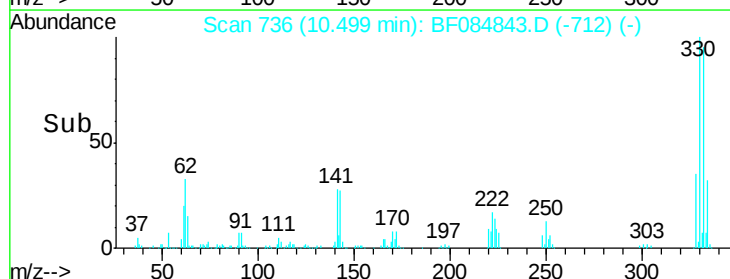
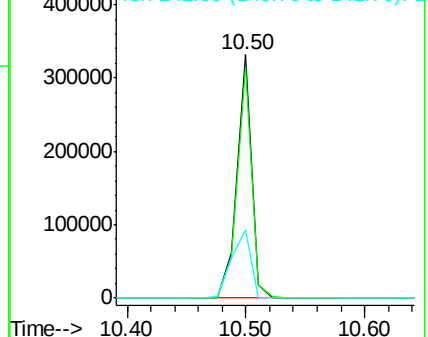
141 36.5 27.8 41.6

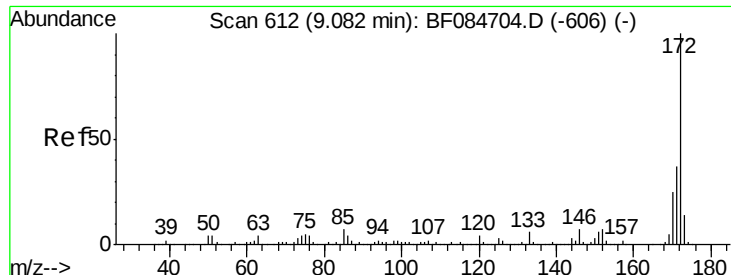


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

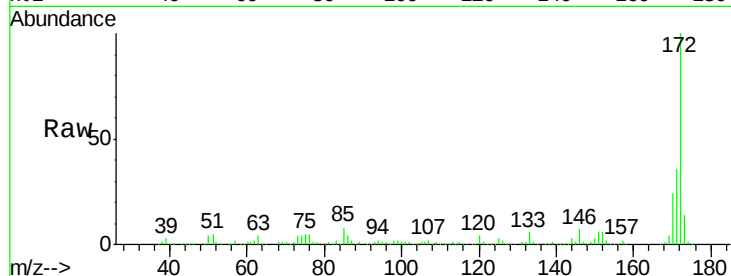




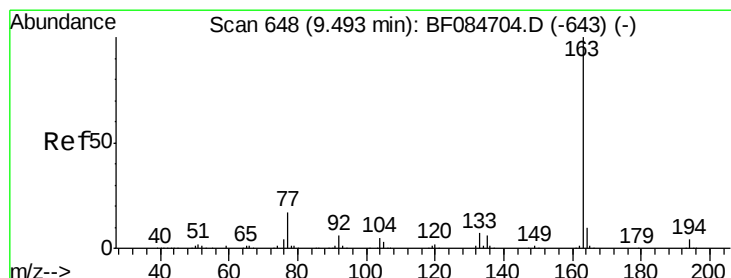
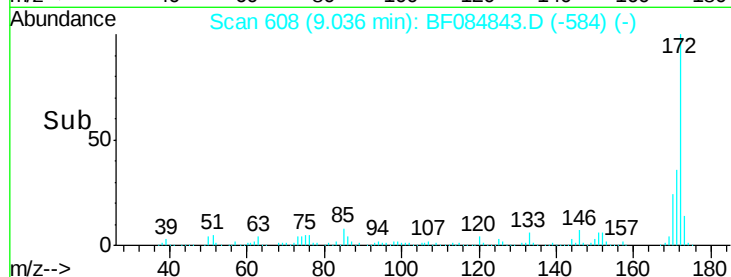
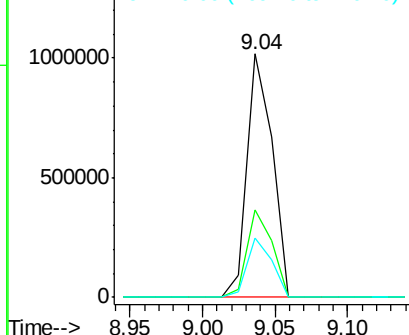
#44
 2-Fluorobiphenyl
 Concen: 71.59 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

Tgt Ion:172 Resp: 1224017
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.1 18.6 27.8

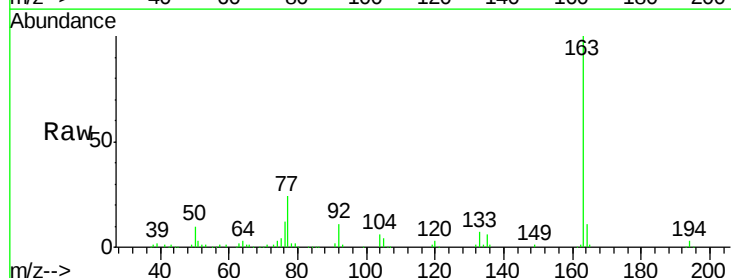


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

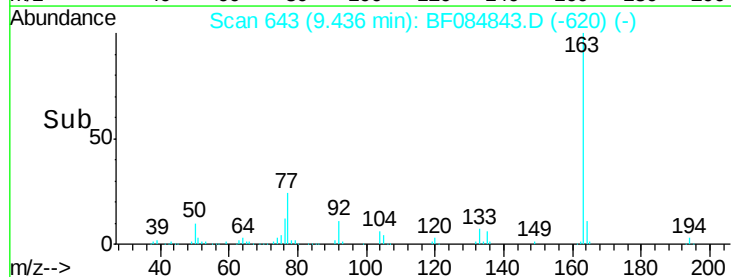
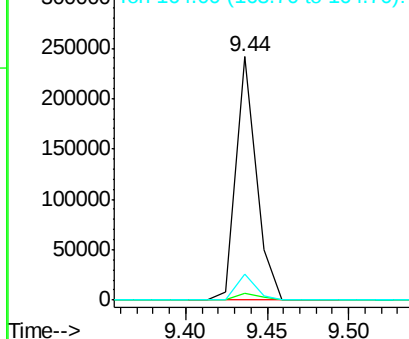


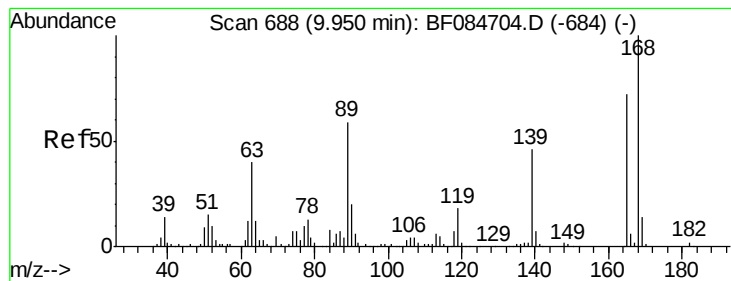
#49
 Dimethylphthalate
 Concen: 9.90 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Tgt Ion:163 Resp: 206062
 Ion Ratio Lower Upper
 163 100
 194 2.8 8.0 12.0#
 164 10.7 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: 5.75 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.22 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

Instrument :

BNA_F

ClientSampleId :

S4-B015(25-27)

Tgt Ion:165 Resp: 33308

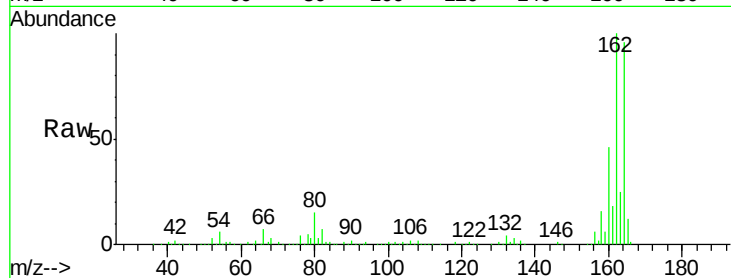
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.7 61.9 92.9#

182 0.0 2.0 3.0#

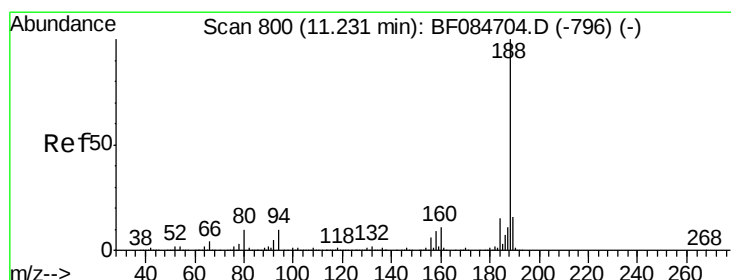
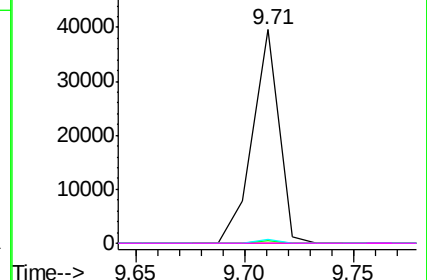
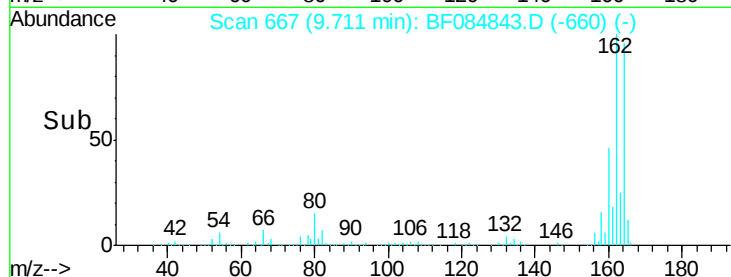


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.18 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF084843.D

Acq: 4 Feb 2016 22:04

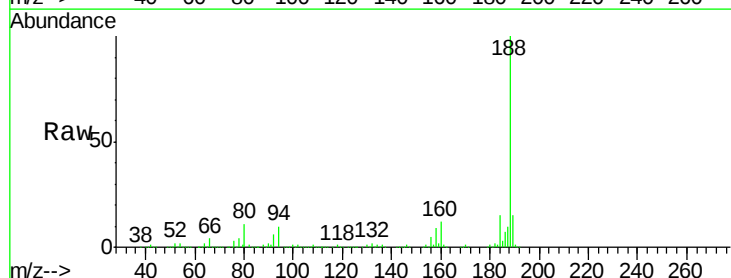
Tgt Ion:188 Resp: 409608

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

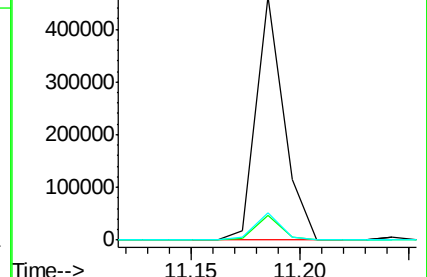
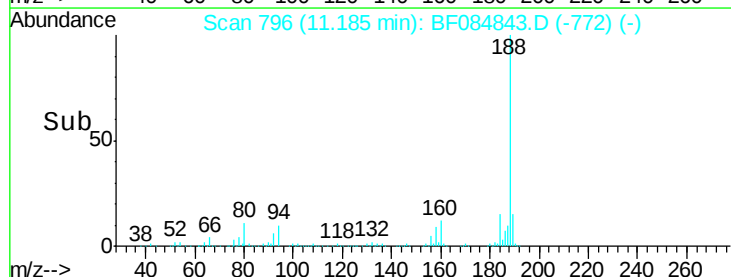
80 11.0 9.6 14.4

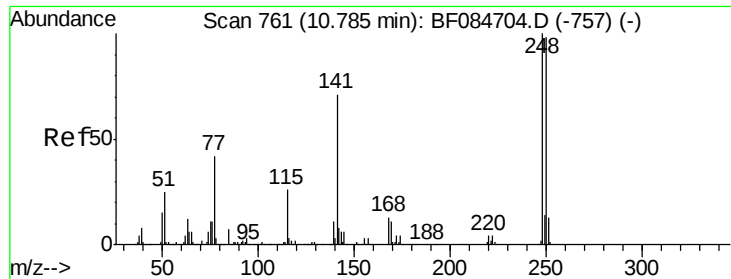


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

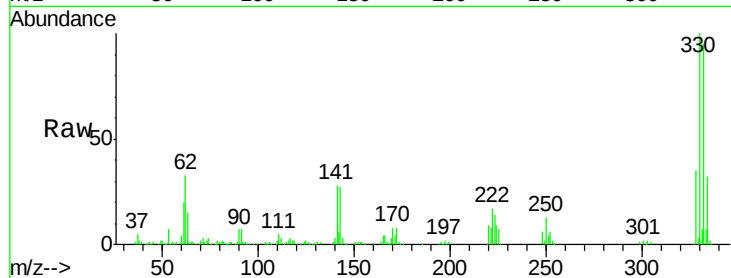




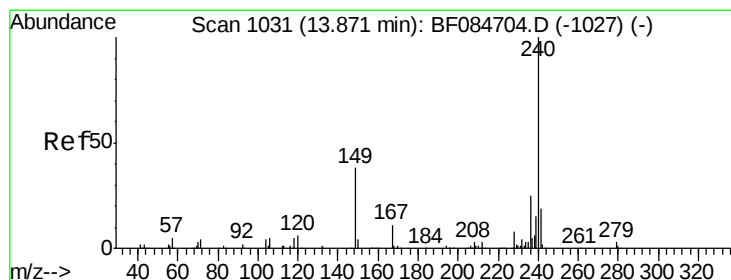
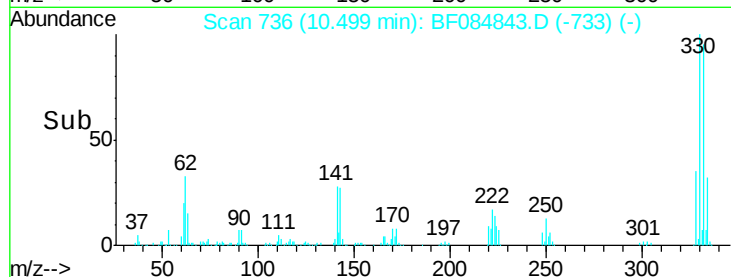
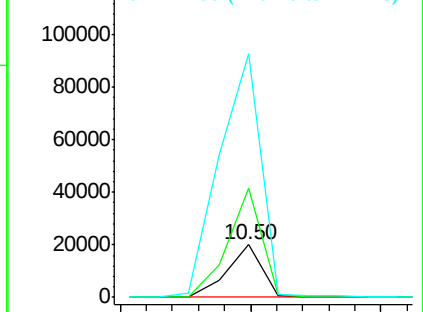
#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084843.D
Acq: 4 Feb 2016 22:04

Instrument :
BNA_F
ClientSampleId :
S4-B015(25-27)

Tgt Ion:248 Resp: 18371
Ion Ratio Lower Upper
248 100
250 208.9 78.4 117.6#
141 465.6 44.0 66.0#

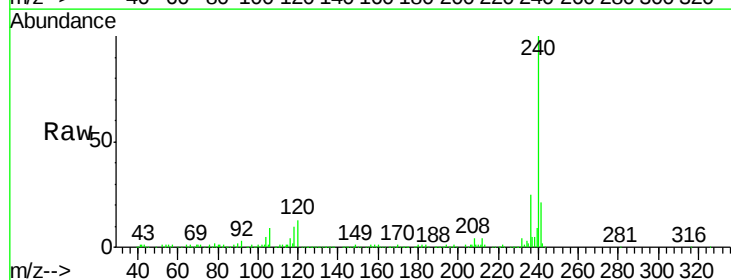


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

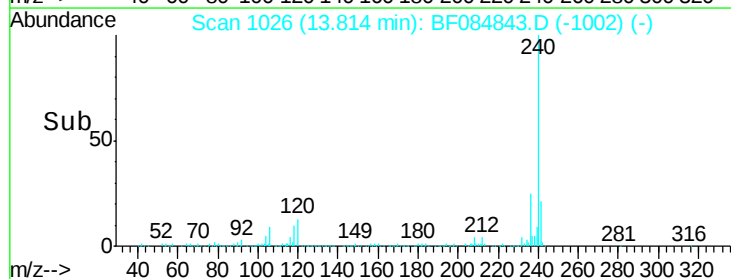
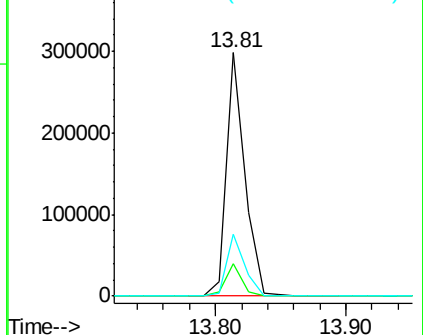


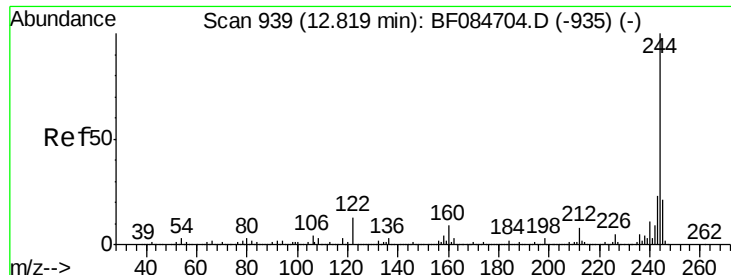
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084843.D
Acq: 4 Feb 2016 22:04

Tgt Ion:240 Resp: 291962
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.4 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

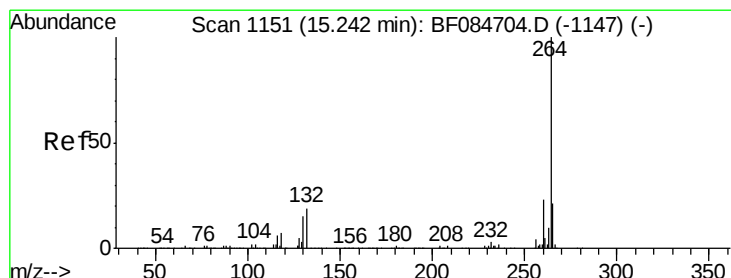
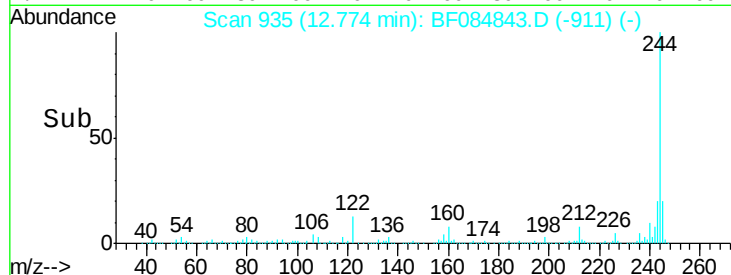
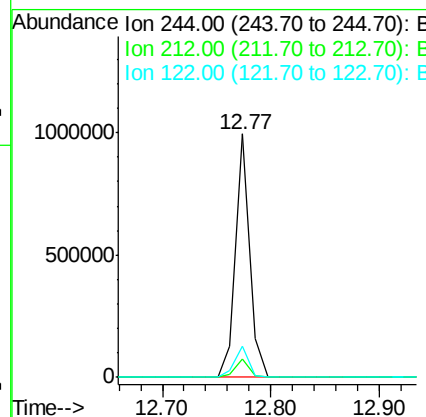
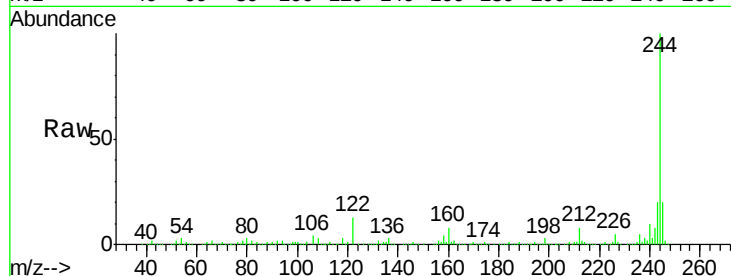




#78
 Terphenyl-d14
 Concen: 68.46 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(25-27)

Tgt Ion:244 Resp: 882110
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.9 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF084843.D
 Acq: 4 Feb 2016 22:04

Tgt Ion:264 Resp: 310278
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.1 17.8 26.6

