

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084801.D
 Acq On : 3 Feb 2016 22:59
 Operator : SJ/IZ
 Sample : H1331-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALL(9)

Quant Time: Feb 04 00:31:10 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

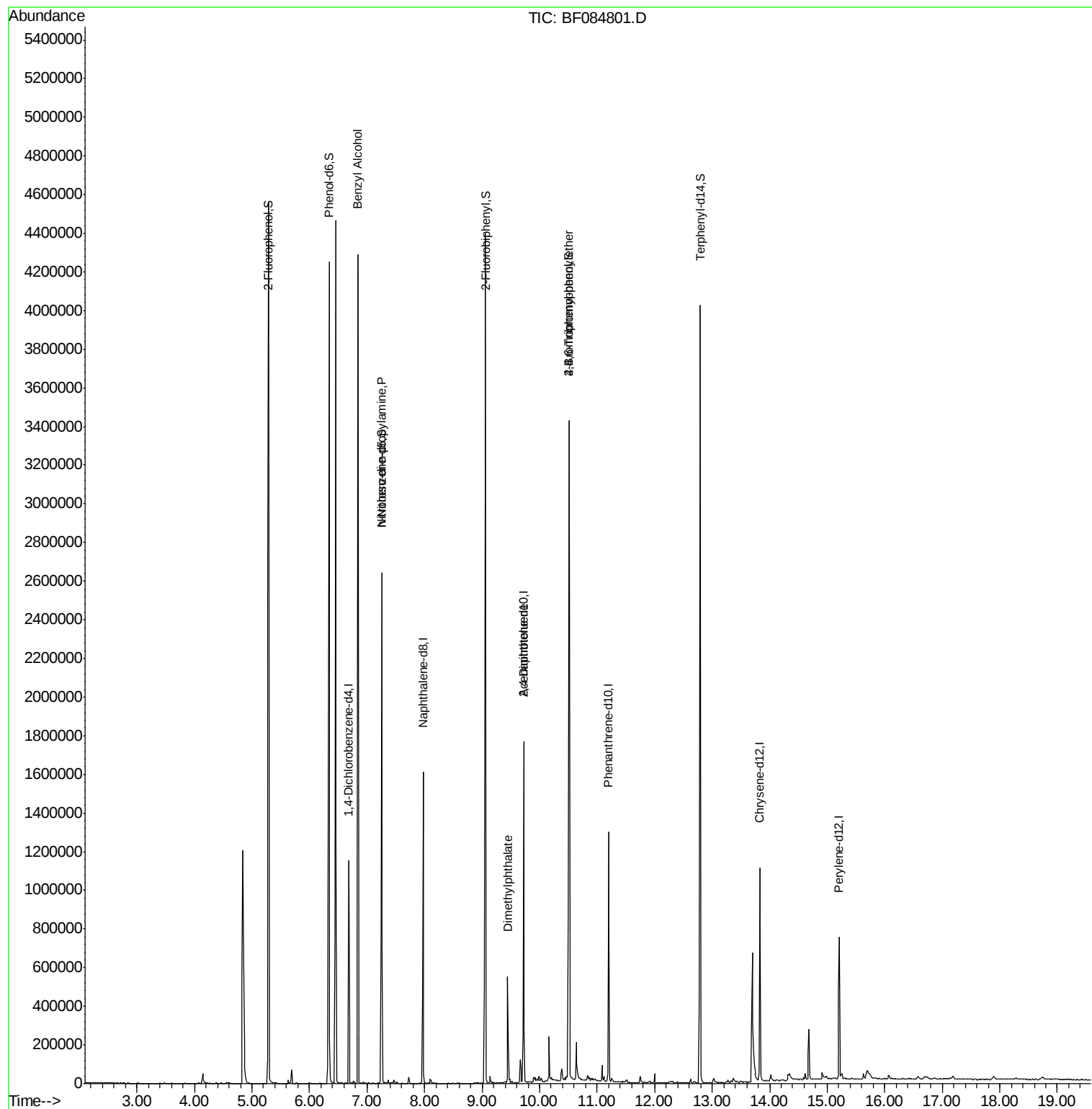
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	165208	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	730319	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	333306	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	596267	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	505968	20.00	ng	-0.01
86) Perylene-d12	15.21	264	348880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1415171	133.42	ng	0.01
7) Phenol-d6	6.34	99	1543514	117.39	ng	0.00
23) Nitrobenzene-d5	7.25	82	951146	73.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	420053	120.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1868039	100.54	ng	0.00
78) Terphenyl-d14	12.80	244	1789879	80.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.84	79	19026	2.10	ng	# 44
19) n-Nitroso-di-n-propylamine	7.25	70	131699	15.98	ng	# 72
49) Dimethylphthalate	9.45	163	230949	9.10	ng	# 90
56) 2,4-Dinitrotoluene	9.72	165	42103	5.95	ng	# 21
66) 4-Bromophenyl-phenylether	10.51	248	25215	3.83	ng	# 1

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

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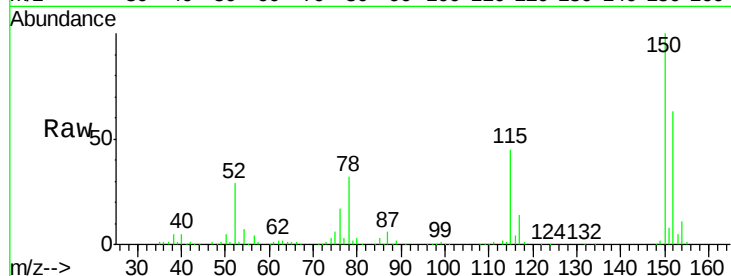


#1

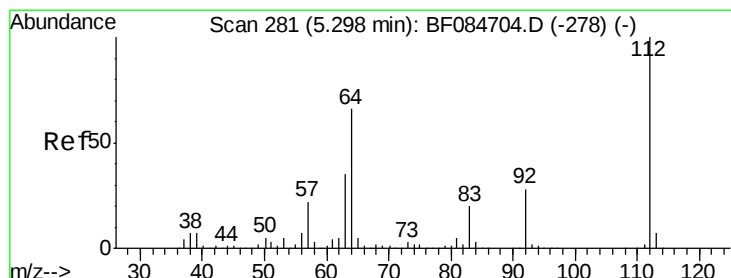
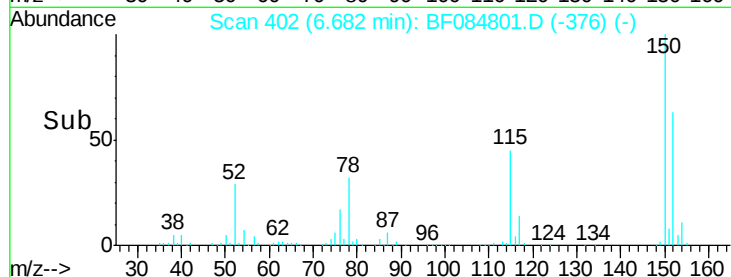
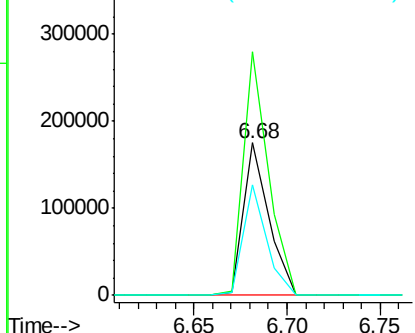
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084801.D
Acq: 3 Feb 2016 22:59

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL(9)

Tgt Ion:152 Resp: 165208
Ion Ratio Lower Upper
152 100
150 159.7 123.0 184.4
115 72.3 51.4 77.2



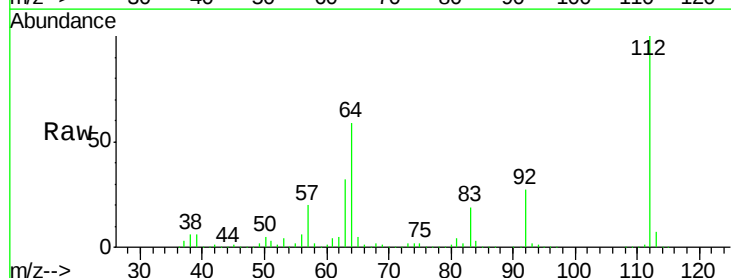
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



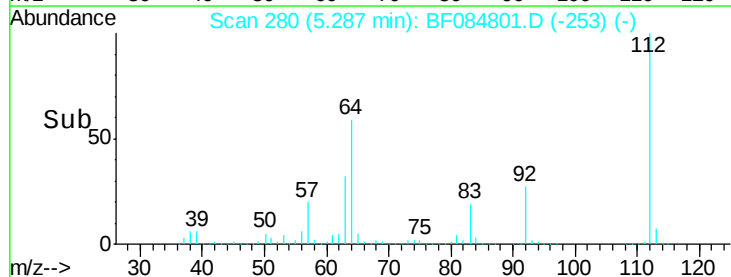
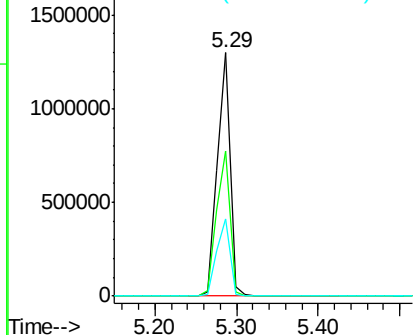
#5

2-Fluorophenol
Concen: 133.42 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: BF084801.D
Acq: 3 Feb 2016 22:59

Tgt Ion:112 Resp: 1415171
Ion Ratio Lower Upper
112 100
64 59.4 36.6 55.0#
63 31.6 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: 117.39 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Instrument :

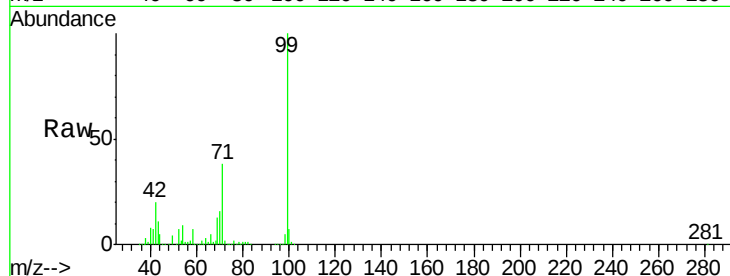
BNA_F

ClientSampleId :

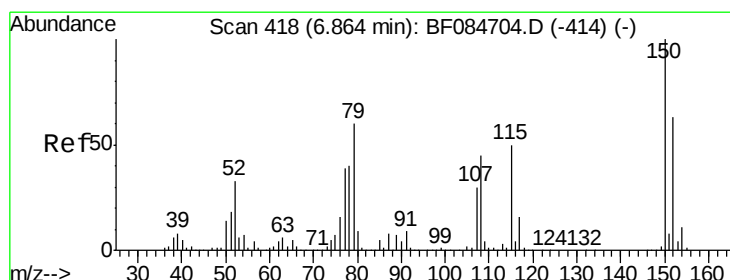
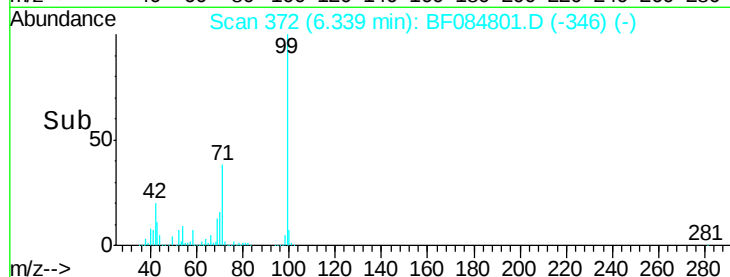
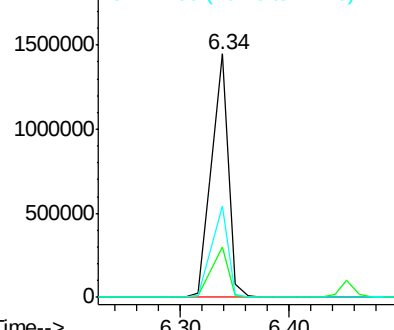
WEST-SIDEWALL(9)

Tgt Ion: 99 Resp: 1543514

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.7	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



#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 6.84 min Scan# 416

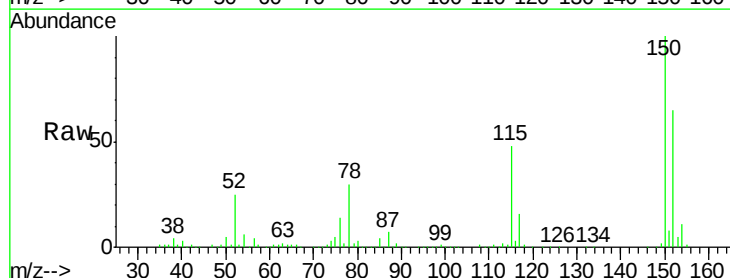
Delta R.T. -0.00 min

Lab File: BF084801.D

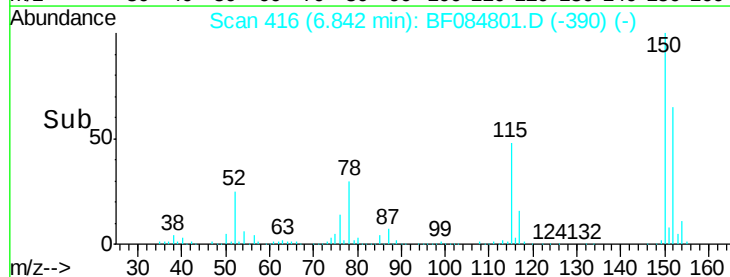
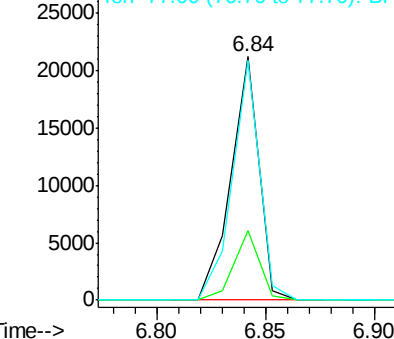
Acq: 3 Feb 2016 22:59

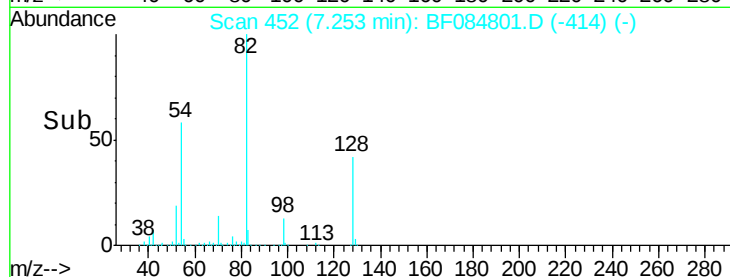
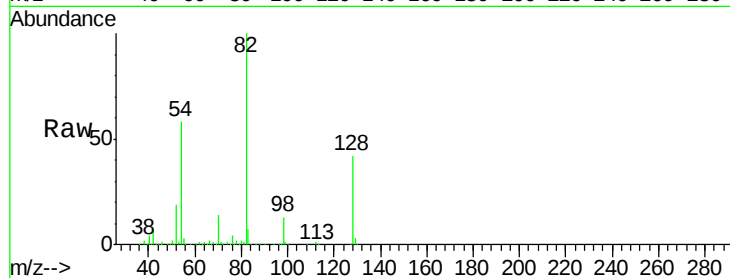
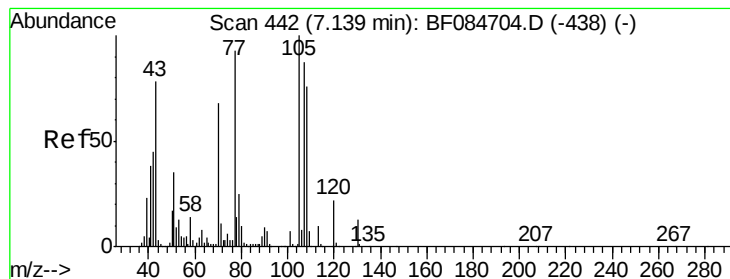
Tgt Ion: 79 Resp: 19026

Ion	Ratio	Lower	Upper
79	100		
108	28.7	69.0	103.4#
77	98.5	50.0	75.0#



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: 15.98 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.14 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALL(9)

Tgt Ion: 70 Resp: 131699

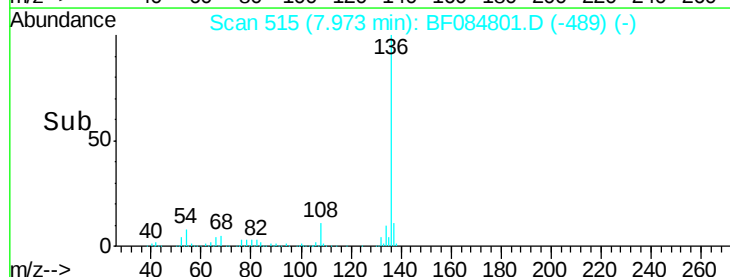
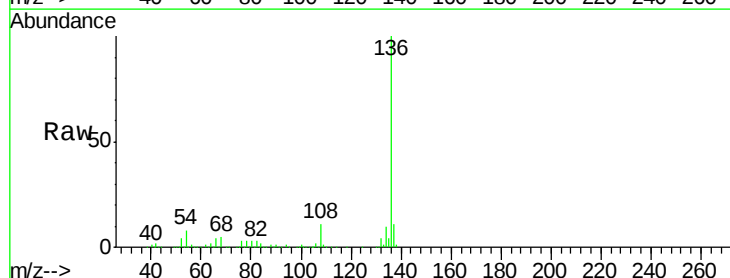
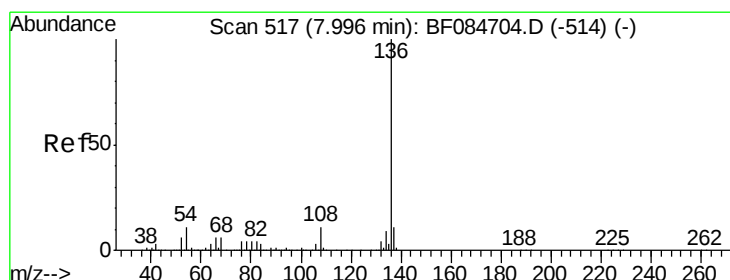
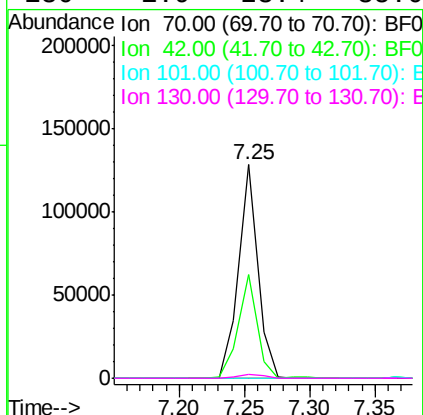
Ion Ratio Lower Upper

70 100

42 48.4 33.3 49.9

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Tgt Ion: 136 Resp: 730319

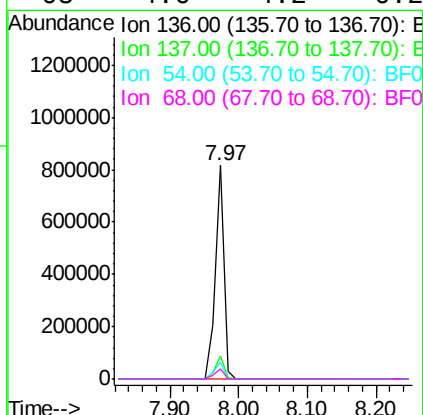
Ion Ratio Lower Upper

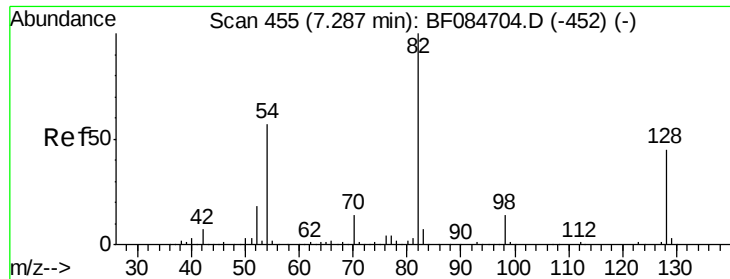
136 100

137 11.0 8.7 13.1

54 7.6 5.8 8.8

68 4.6 4.2 6.2

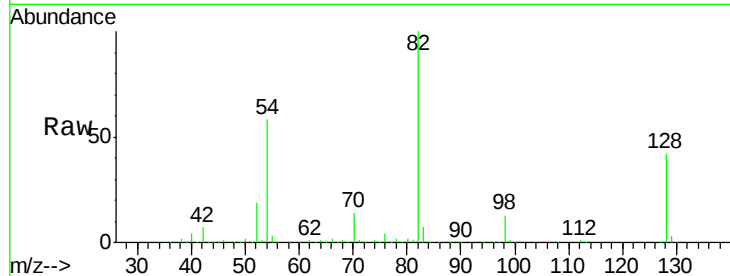




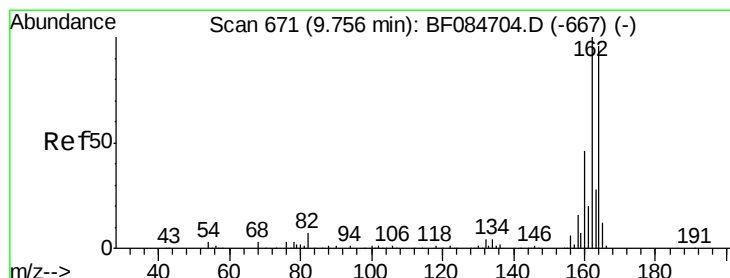
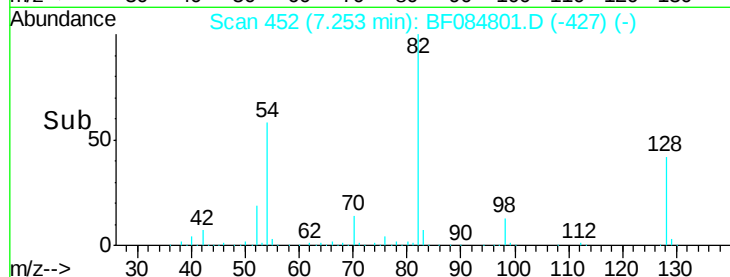
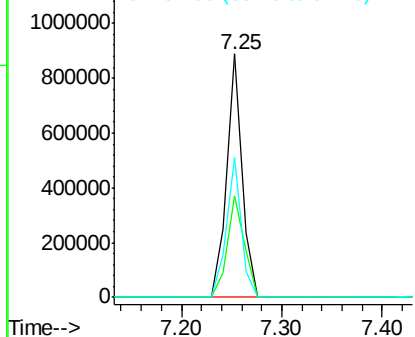
#23
 Nitrobenzene-d5
 Concen: 73.37 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF084801.D
 Acq: 3 Feb 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALL(9)

Tgt Ion: 82 Resp: 951146
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.6 51.8
 54 57.7 38.4 57.6#

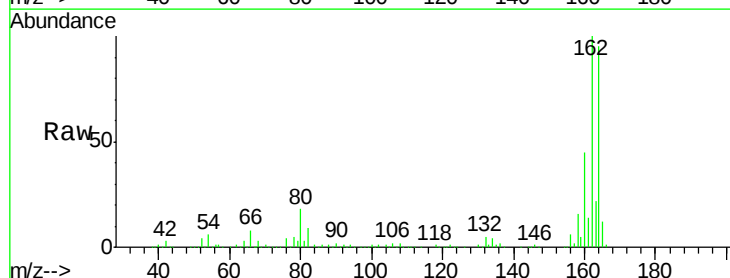


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

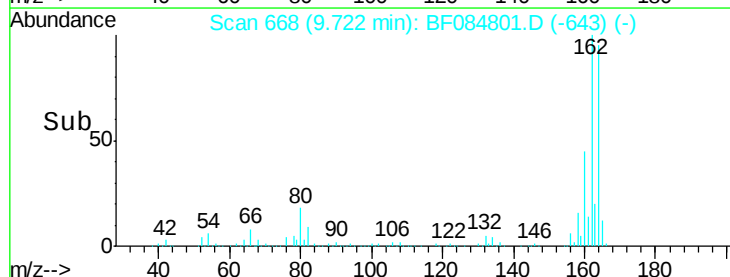
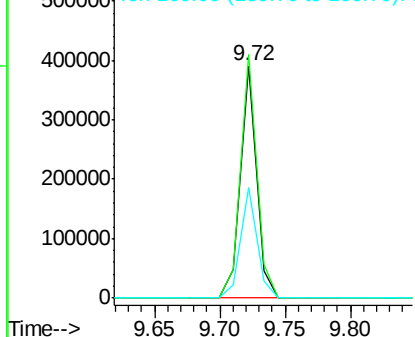


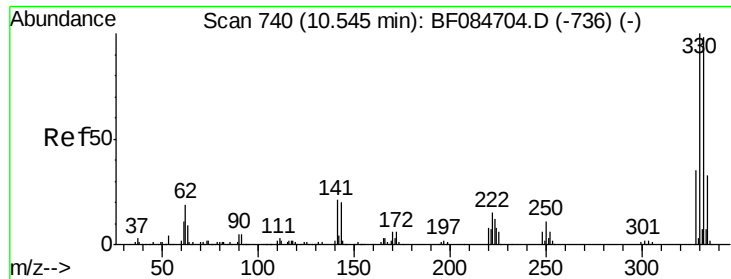
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF084801.D
 Acq: 3 Feb 2016 22:59

Tgt Ion: 164 Resp: 333306
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.1 127.7
 160 47.6 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

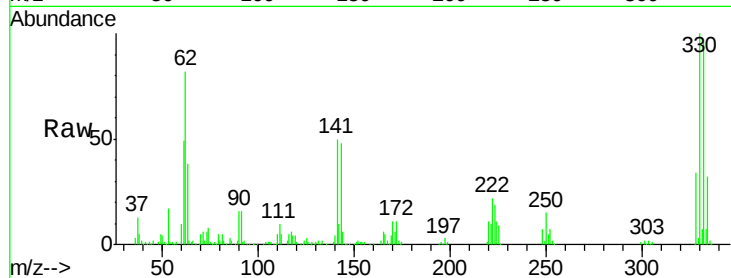




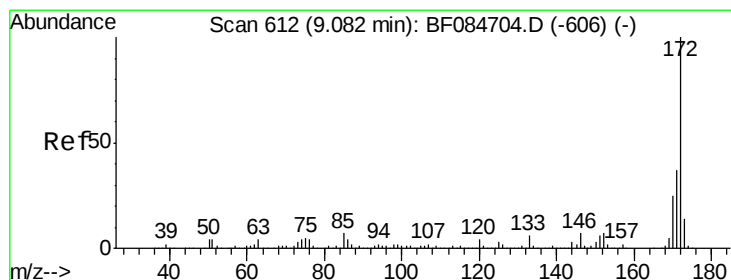
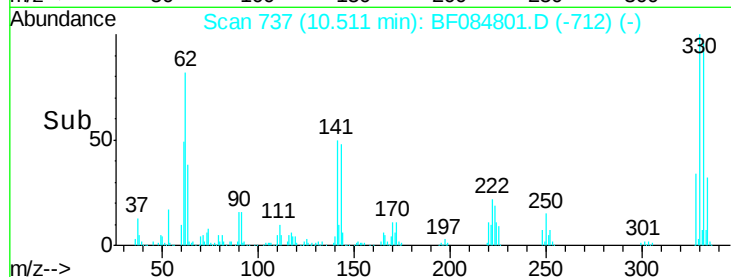
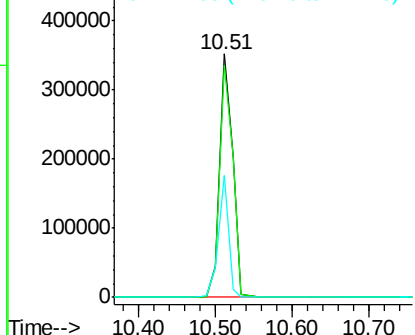
#41
 2,4,6-Tribromophenol
 Concen: 120.82 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF084801.D
 Acq: 3 Feb 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALL(9)

Tgt Ion:330 Resp: 420053
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 38.4 27.8 41.6

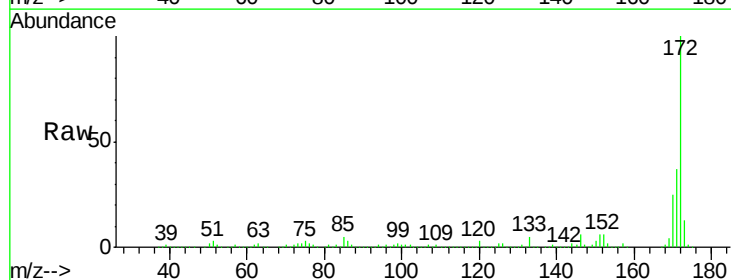


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

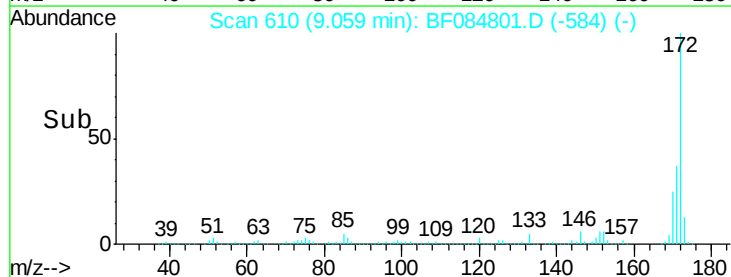
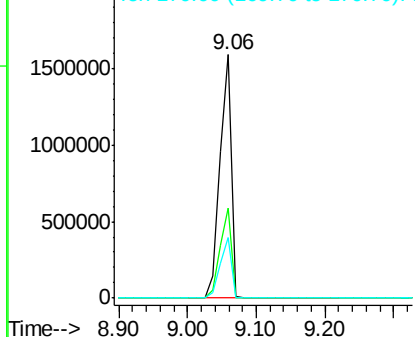


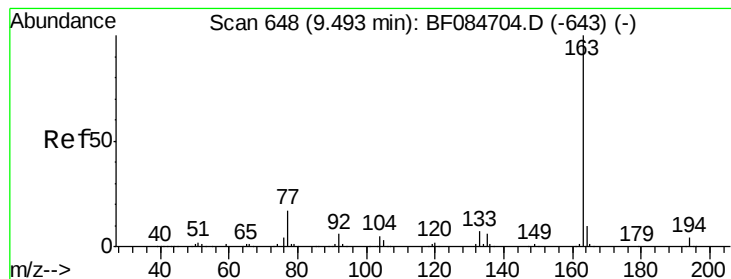
#44
 2-Fluorobiphenyl
 Concen: 100.54 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF084801.D
 Acq: 3 Feb 2016 22:59

Tgt Ion:172 Resp: 1868039
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.8 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: 9.10 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALL(9)

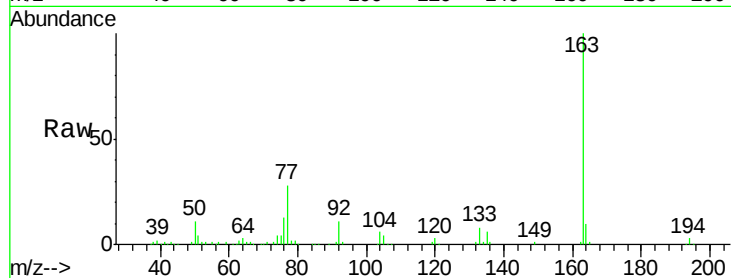
Tgt Ion:163 Resp: 230949

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

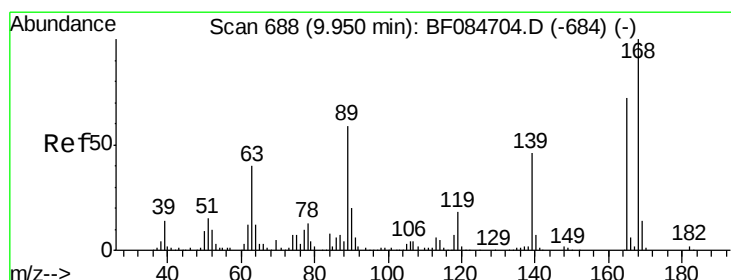
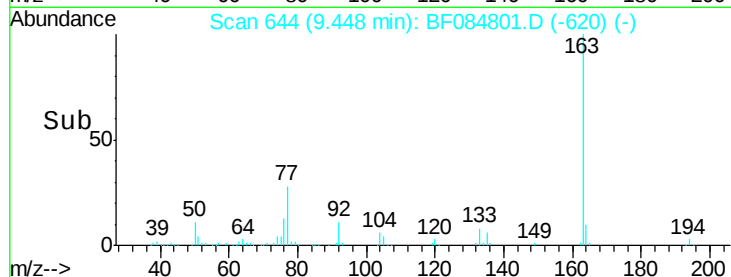
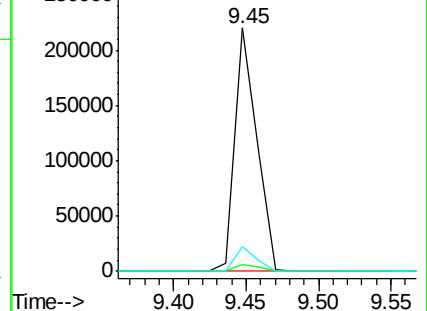
164 10.0 8.0 12.0



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: 5.95 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Tgt Ion:165 Resp: 42103

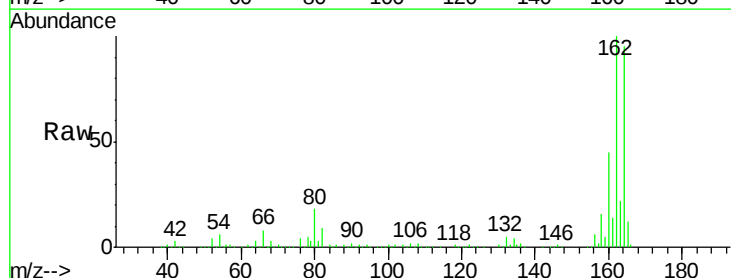
Ion Ratio Lower Upper

165 100

63 1.0 36.7 55.1#

89 1.6 61.9 92.9#

182 0.0 2.0 3.0#

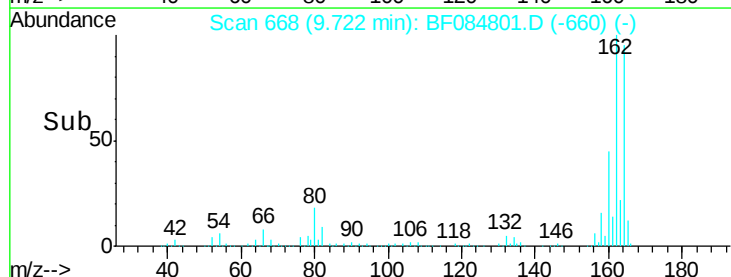
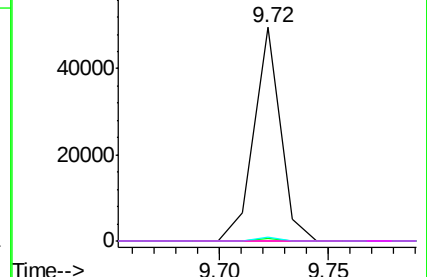


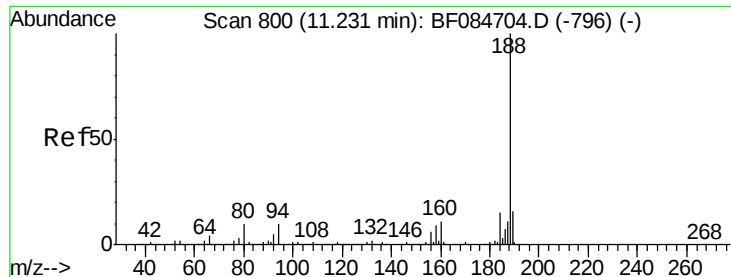
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.20 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Instrument :

BNA_F

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WEST-SIDEWALL(9)

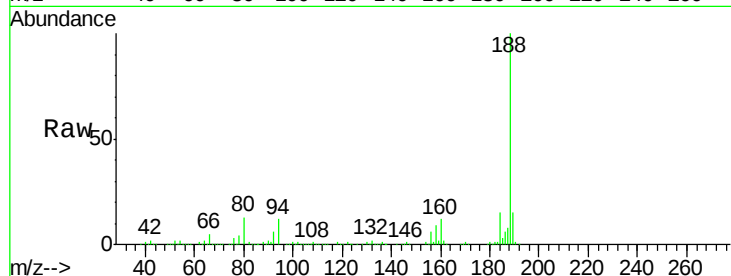
Tgt Ion:188 Resp: 596267

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

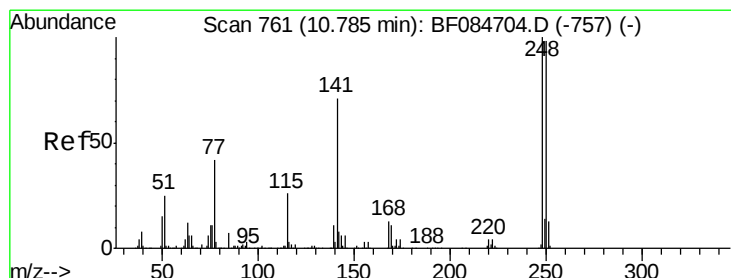
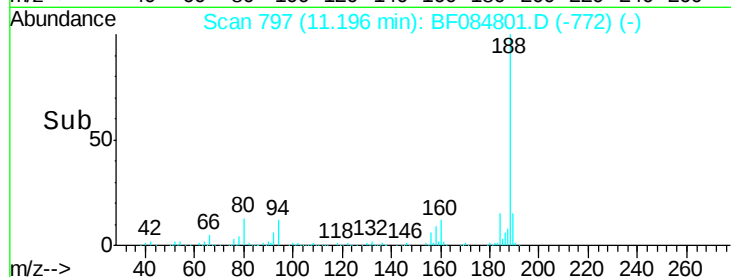
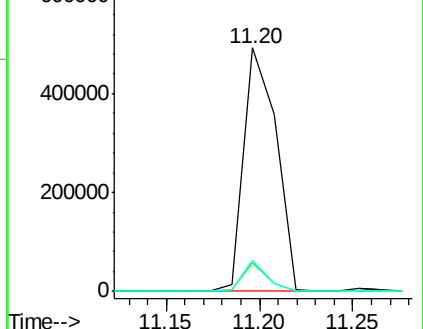
80 13.0 9.6 14.4



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: 3.83 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.25 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

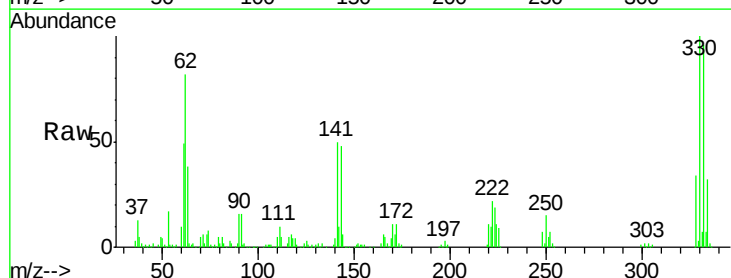
Tgt Ion:248 Resp: 25215

Ion Ratio Lower Upper

248 100

250 195.8 78.4 117.6#

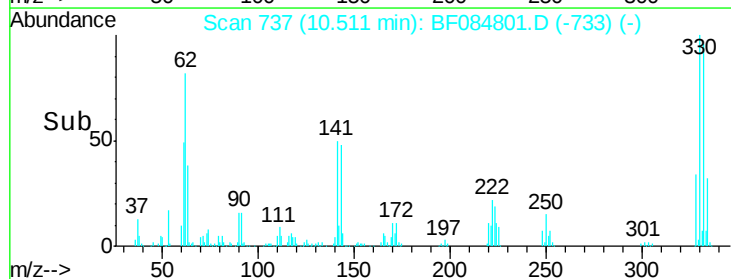
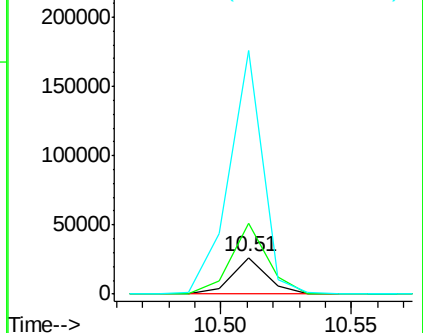
141 670.9 44.0 66.0#

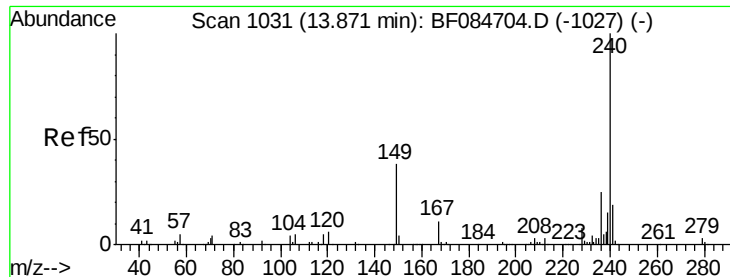


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALL(9)

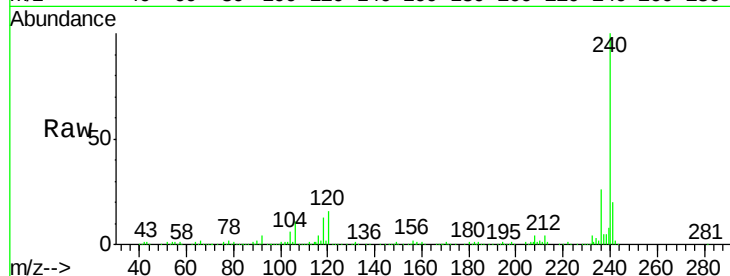
Tgt Ion:240 Resp: 505968

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

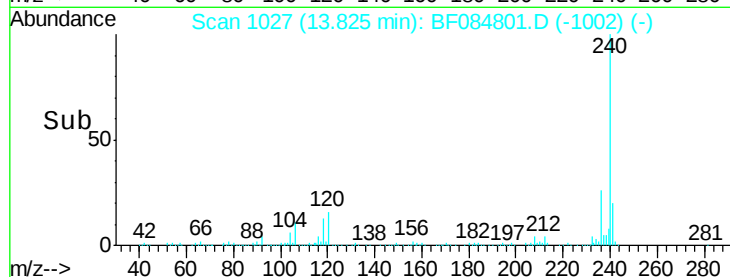
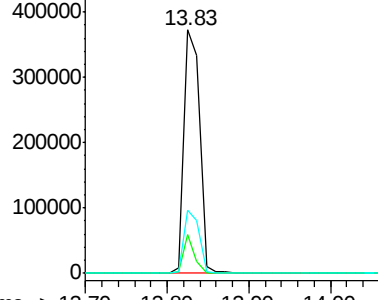
236 25.9 20.6 31.0



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: 80.16 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084801.D

Acq: 3 Feb 2016 22:59

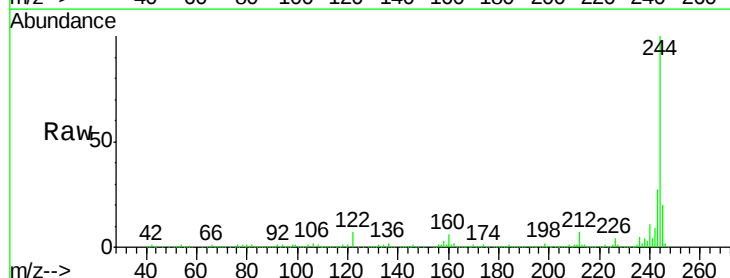
Tgt Ion:244 Resp: 1789879

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

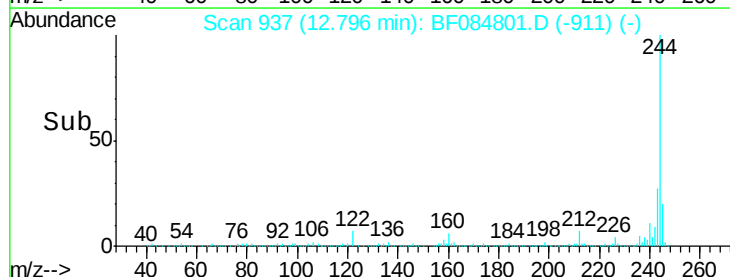
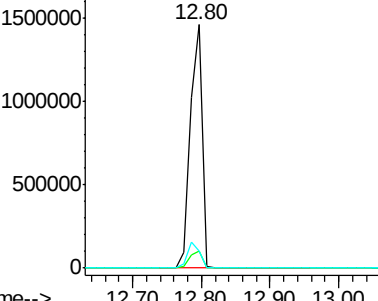
122 7.2 7.4 11.0#

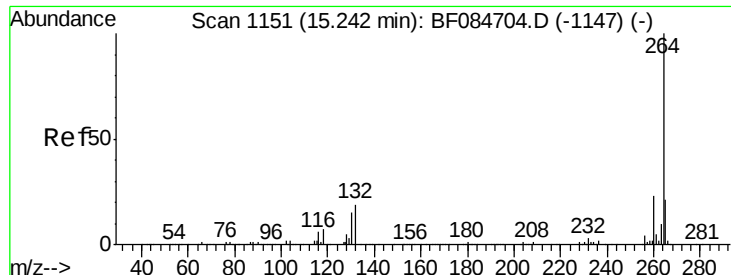


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084801.D
Acq: 3 Feb 2016 22:59

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALL(9)

Tgt Ion: 264 Resp: 348880
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.8 17.8 26.6

