

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084866.D
 Acq On : 5 Feb 2016 18:15
 Operator : SJ/IZ
 Sample : H1311-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(35-37)

Quant Time: Feb 05 22:20:28 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

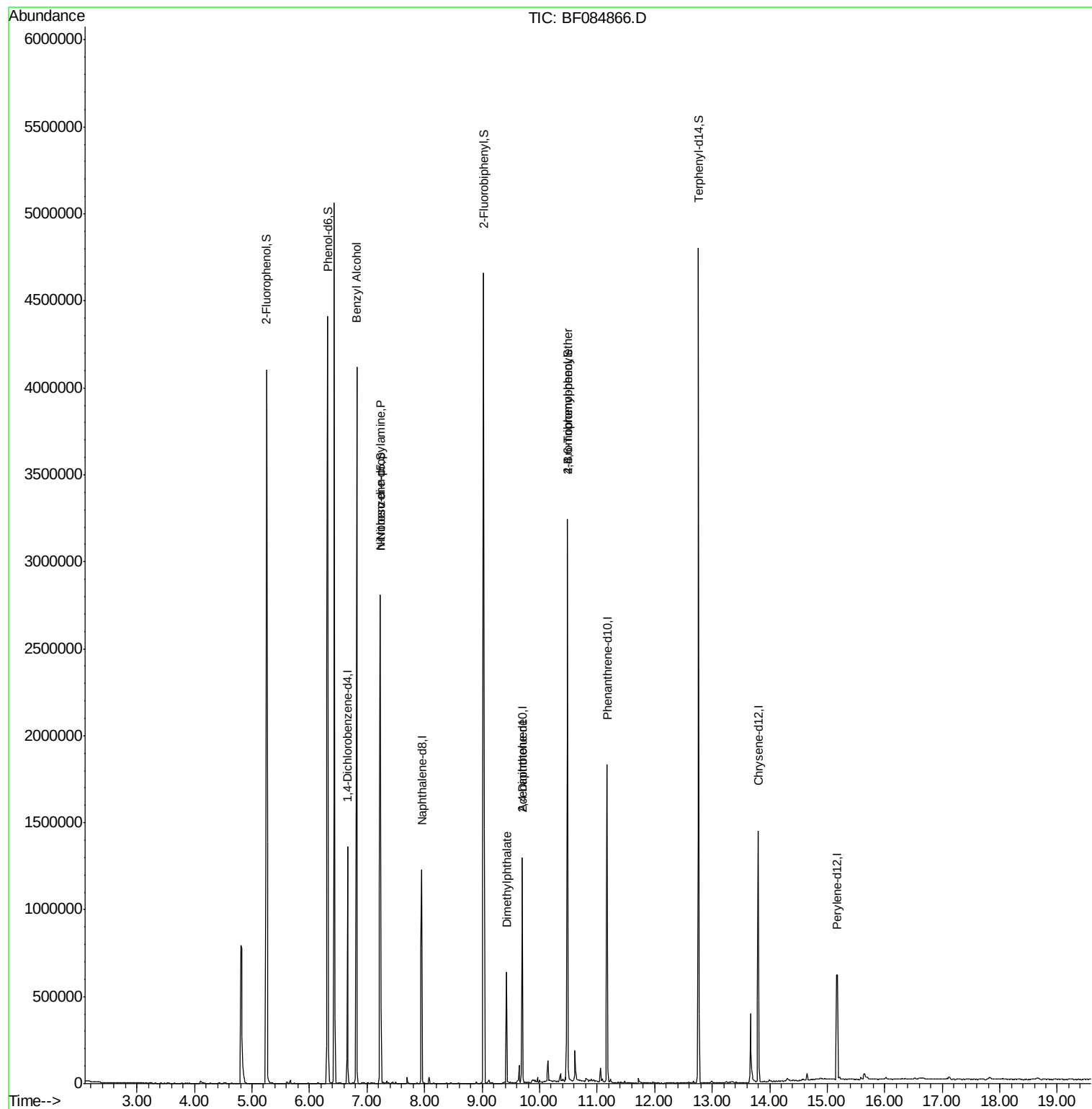
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178090	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	701549	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	326813	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	626811	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	518324	20.00	ng	-0.03
86) Perylene-d12	15.17	264	347324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1347030	117.81	ng	-0.02
7) Phenol-d6	6.32	99	1673666	118.08	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1013926	81.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	468612	137.47	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1663802	86.10	ng	-0.03
78) Terphenyl-d14	12.76	244	1467930	64.18	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	6.82	79	20731	2.12	ng	# 49
19) n-Nitroso-di-n-propylamine	7.23	70	141967	15.98	ng	# 72
49) Dimethylphthalate	9.42	163	230324	9.25	ng	# 91
56) 2,4-Dinitrotoluene	9.70	165	41875	6.04	ng	# 21
66) 4-Bromophenyl-phenylether	10.49	248	31040	4.48	ng	# 1

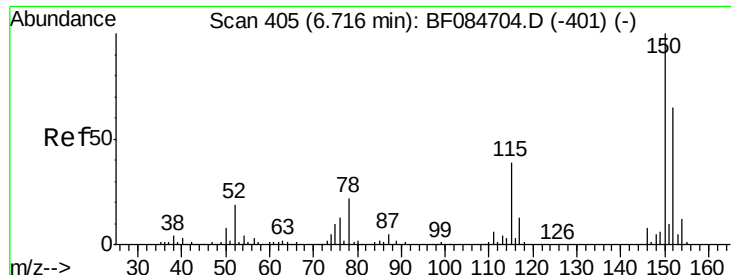
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084866.D

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Instrument :

BNA_F

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SUP-B006(35-37)

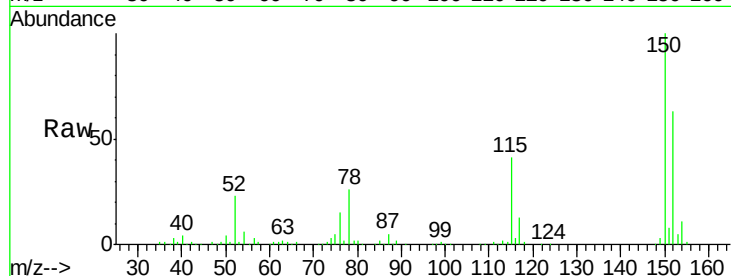
Tgt Ion:152 Resp: 178090

Ion Ratio Lower Upper

152 100

150 158.6 123.0 184.4

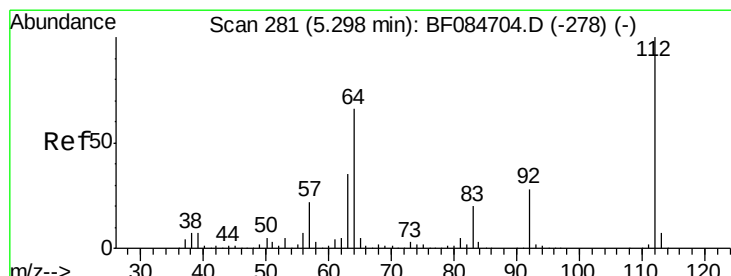
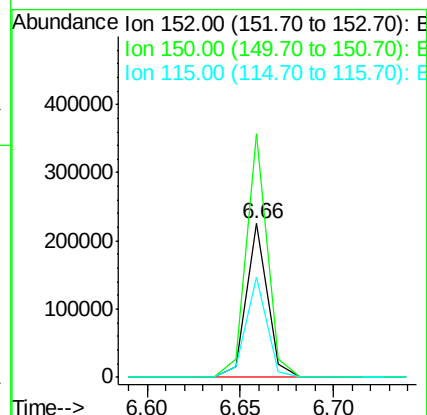
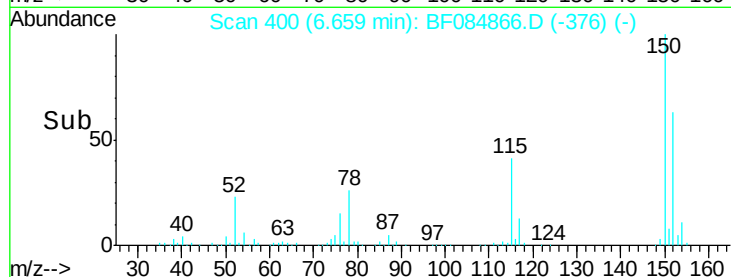
115 65.7 51.4 77.2



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: 117.81 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084866.D

Acq: 5 Feb 2016 18:15

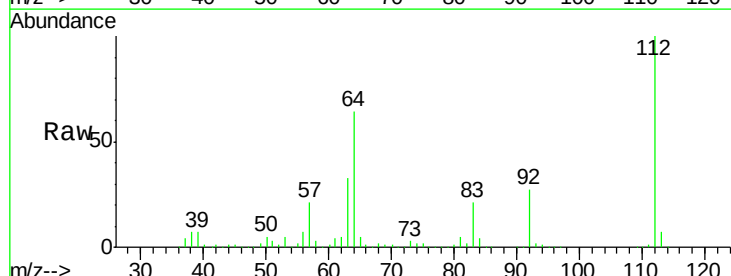
Tgt Ion:112 Resp: 1347030

Ion Ratio Lower Upper

112 100

64 64.2 36.6 55.0#

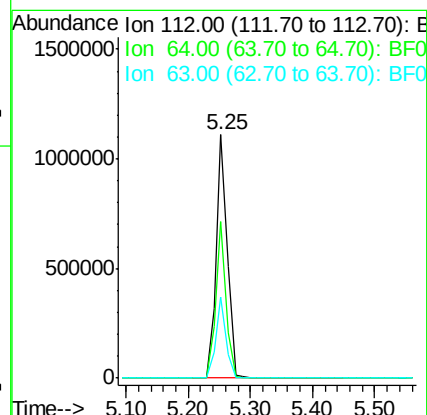
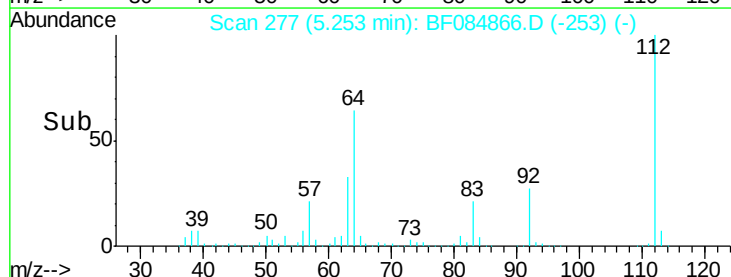
63 33.3 19.4 29.0#

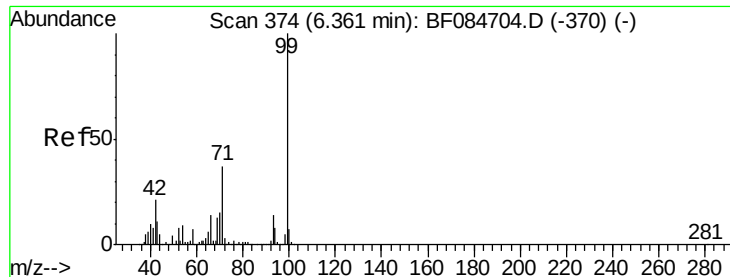


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.08 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084866.D

Acq: 5 Feb 2016 18:15

Instrument :

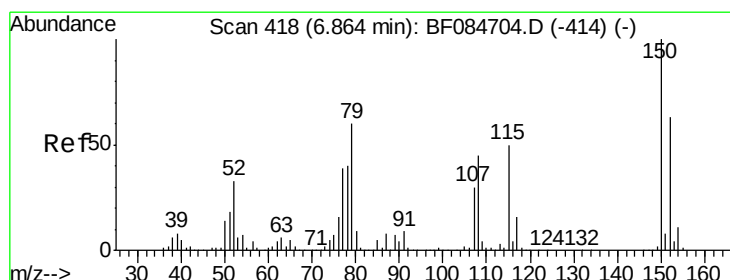
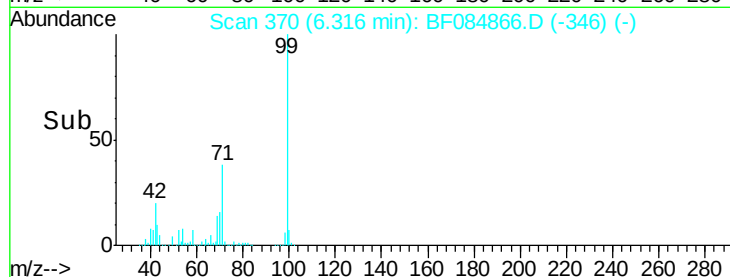
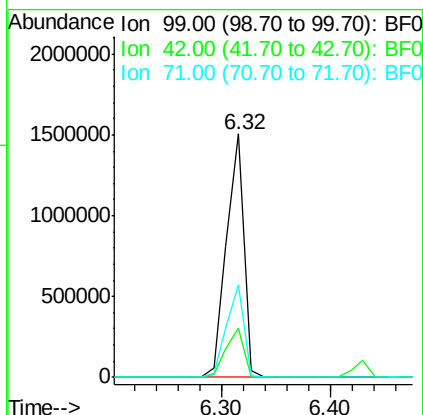
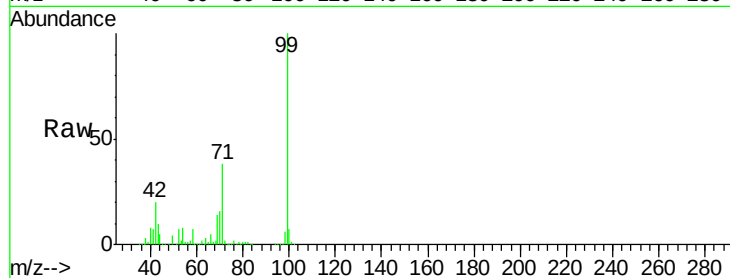
BNA_F

ClientSampleId :

SUP-B006(35-37)

Tgt Ion: 99 Resp: 1673666

Ion	Ratio	Lower	Upper
99	100		
42	20.4	12.8	19.2#
71	37.9	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.82 min Scan# 414

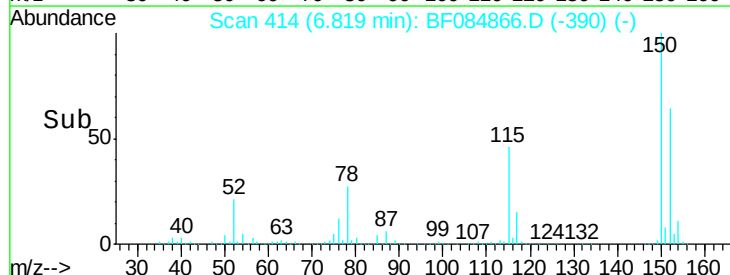
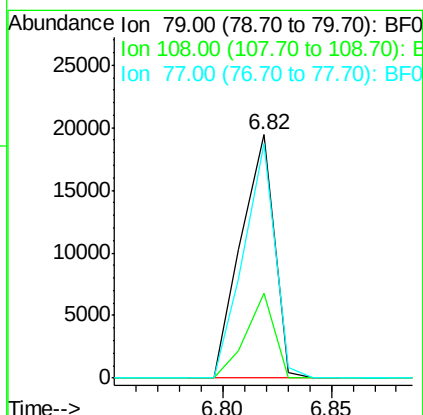
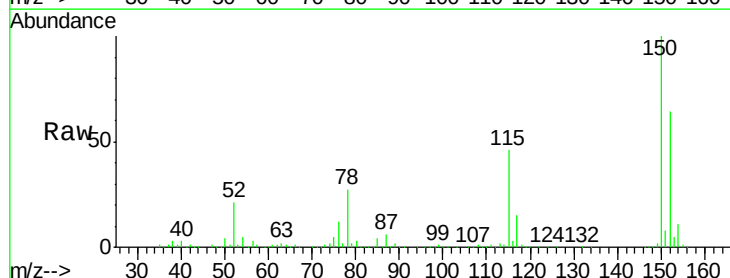
Delta R.T. -0.02 min

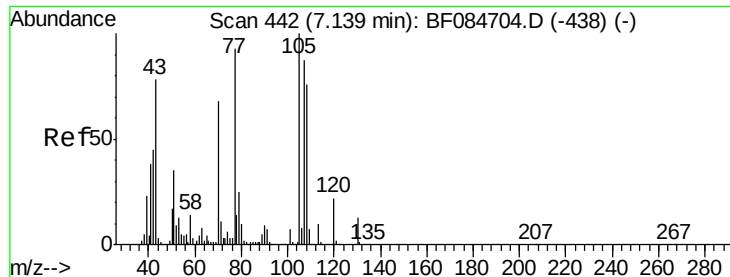
Lab File: BF084866.D

Acq: 5 Feb 2016 18:15

Tgt Ion: 79 Resp: 20731

Ion	Ratio	Lower	Upper
79	100		
108	34.7	69.0	103.4#
77	96.5	50.0	75.0#

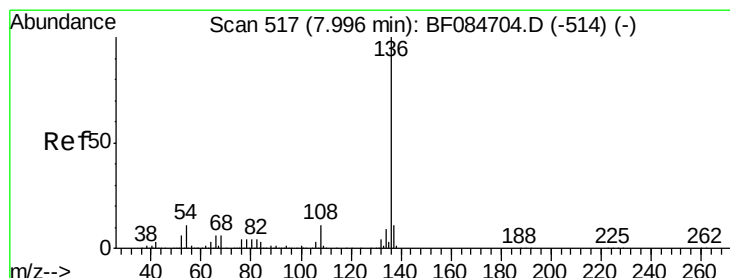
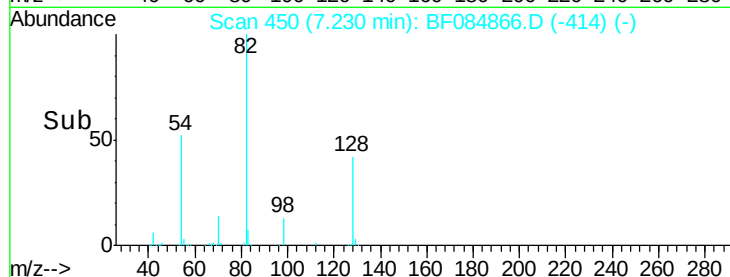
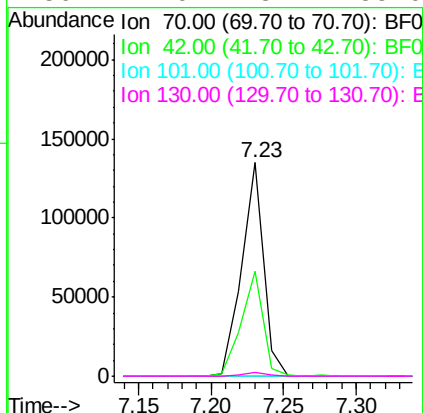
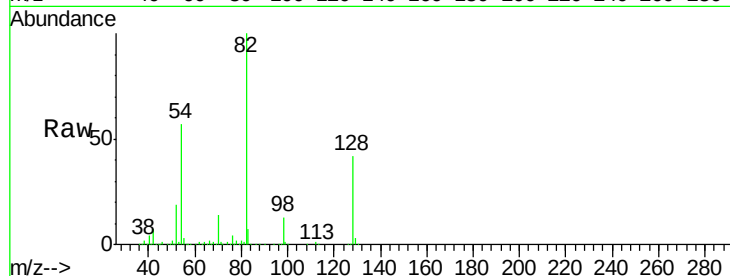




#19
n-Nitroso-di-n-propylamine
Concen: 15.98 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

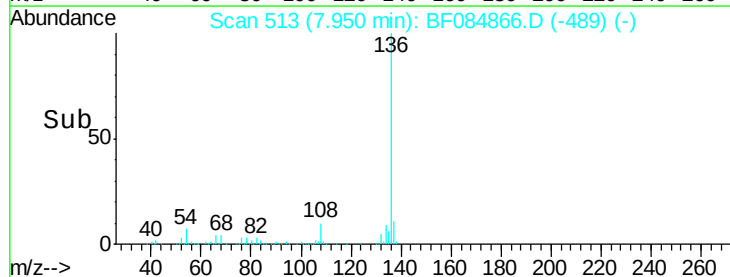
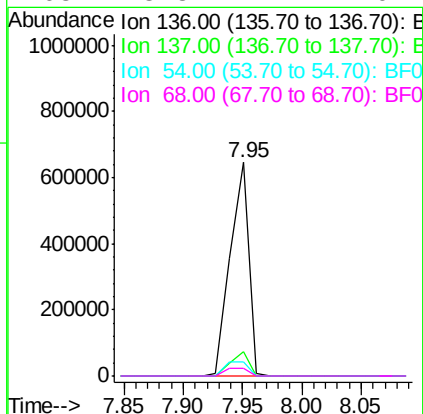
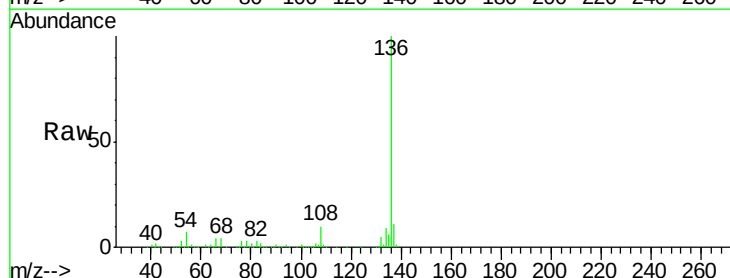
Instrument :
BNA_F
ClientSampleId :
SUP-B006(35-37)

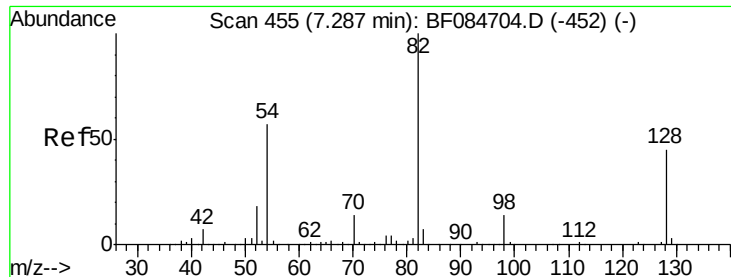
Tgt Ion: 70 Resp: 141967
Ion Ratio Lower Upper
70 100
42 49.1 33.3 49.9
101 0.0 9.3 13.9#
130 2.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

Tgt Ion: 136 Resp: 701549
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.5 5.8 8.8
68 3.8 4.2 6.2#

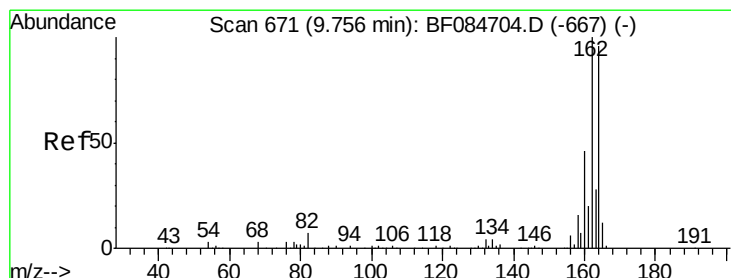
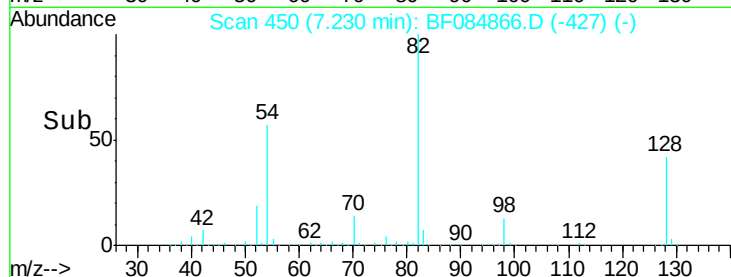
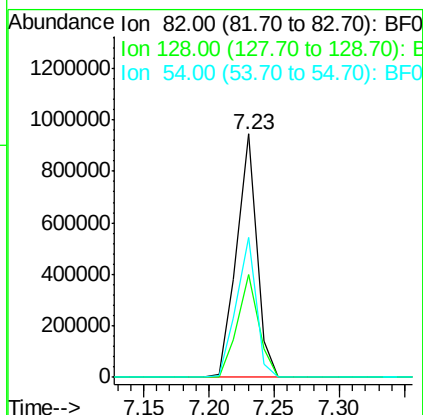
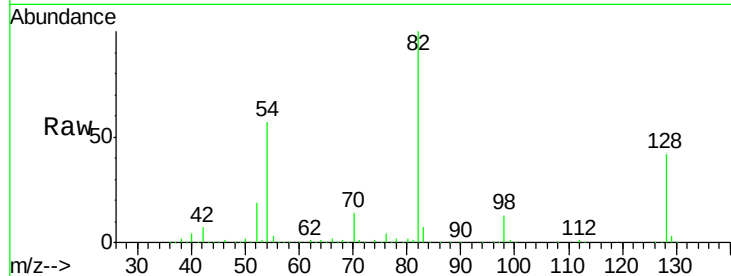




#23
Nitrobenzene-d5
Concen: 81.42 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

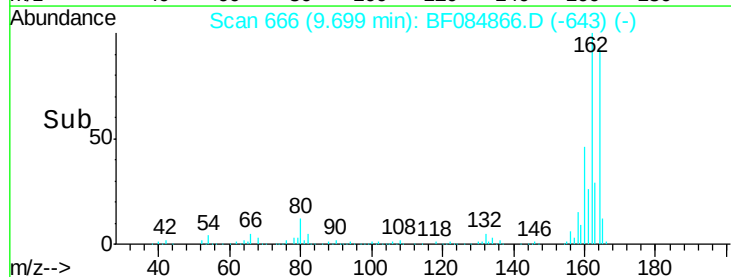
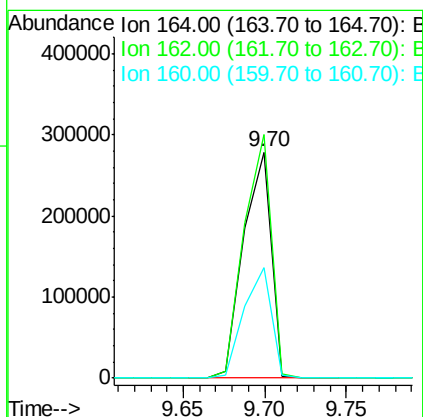
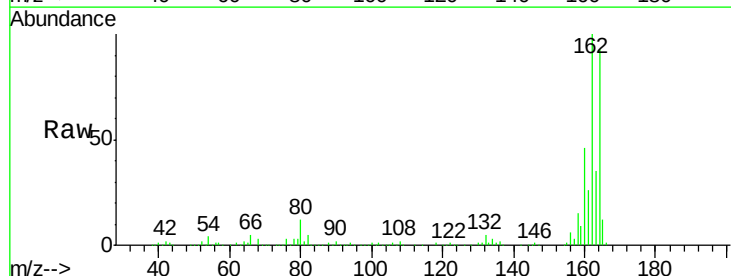
Instrument :
BNA_F
ClientSampleId :
SUP-B006(35-37)

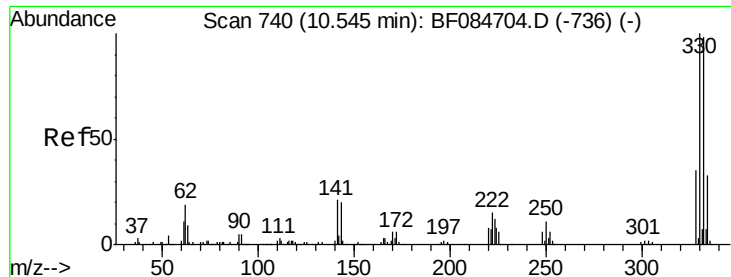
Tgt Ion: 82 Resp: 1013926
Ion Ratio Lower Upper
82 100
128 42.3 34.6 51.8
54 57.3 38.4 57.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

Tgt Ion: 164 Resp: 326813
Ion Ratio Lower Upper
164 100
162 107.6 85.1 127.7
160 49.0 37.5 56.3

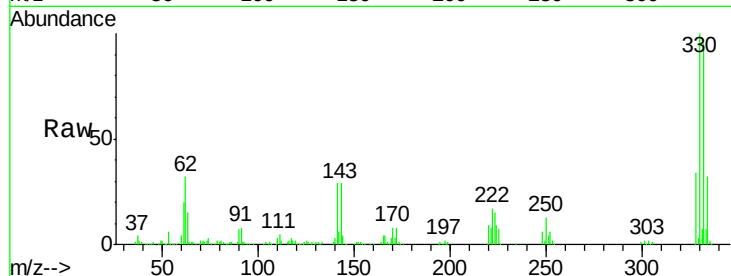




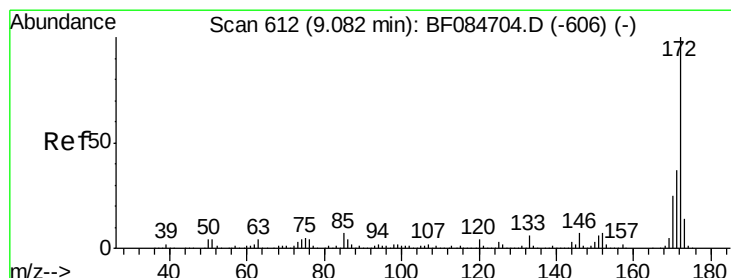
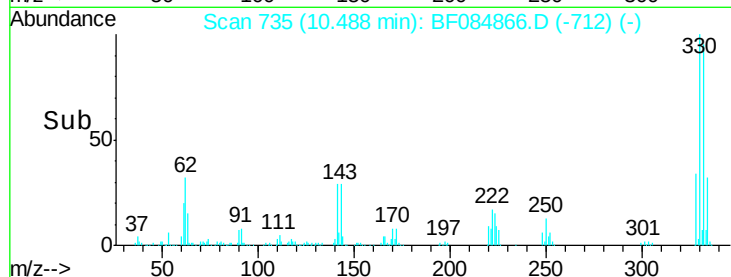
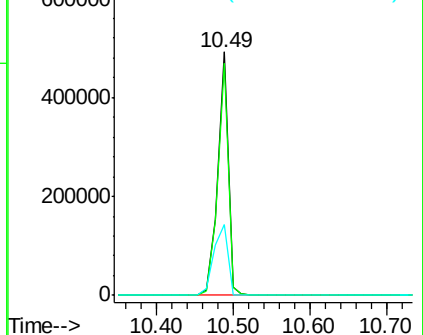
#41
 2,4,6-Tribromophenol
 Concen: 137.47 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084866.D
 Acq: 5 Feb 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B006(35-37)

Tgt Ion:330 Resp: 468612
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 38.6 27.8 41.6

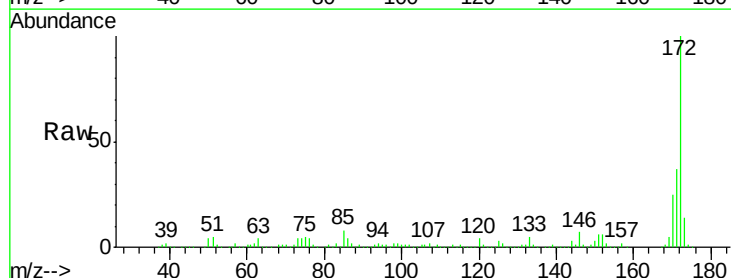


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

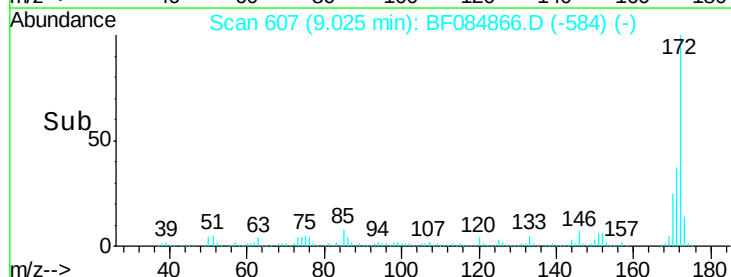
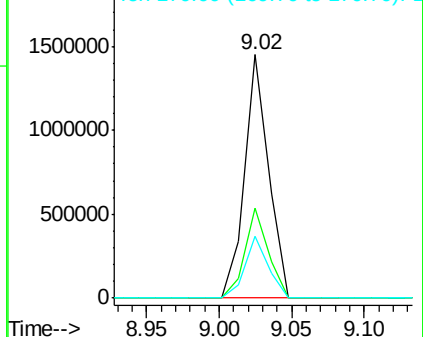


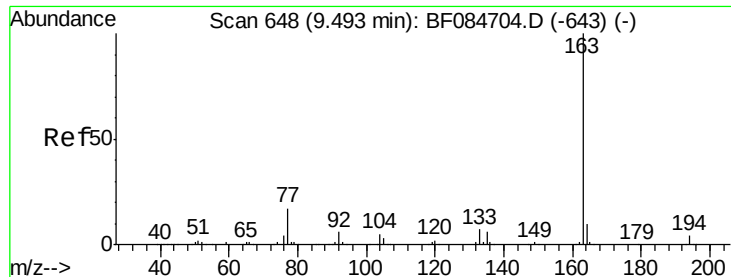
#44
 2-Fluorobiphenyl
 Concen: 86.10 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084866.D
 Acq: 5 Feb 2016 18:15

Tgt Ion:172 Resp: 1663802
 Ion Ratio Lower Upper
 172 100
 171 37.1 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

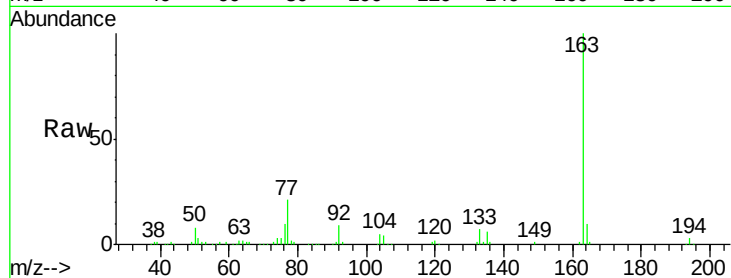




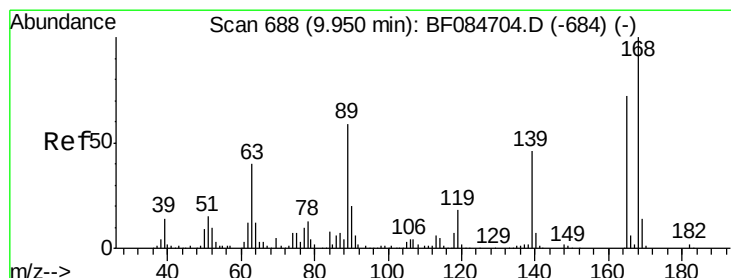
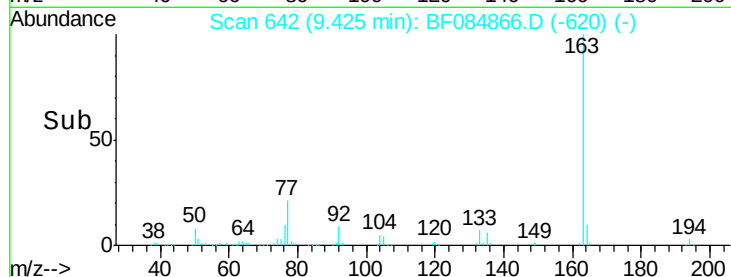
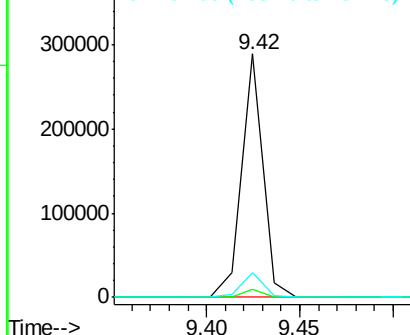
#49
Dimethylphthalate
Concen: 9.25 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

Instrument :
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ClientSampleId :
SUP-B006(35-37)

Tgt Ion:163 Resp: 230324
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.0 8.0 12.0

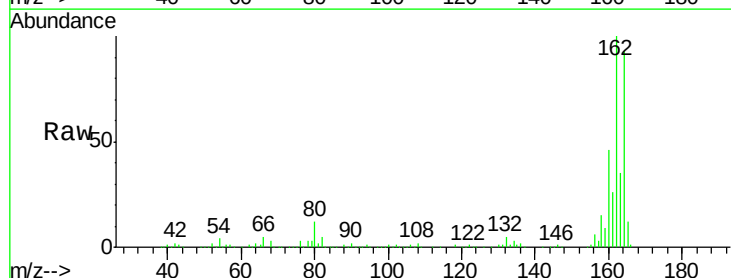


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

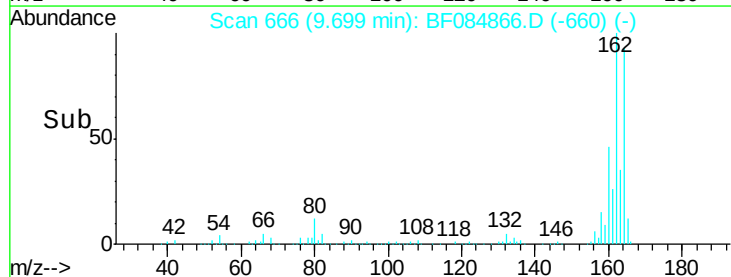
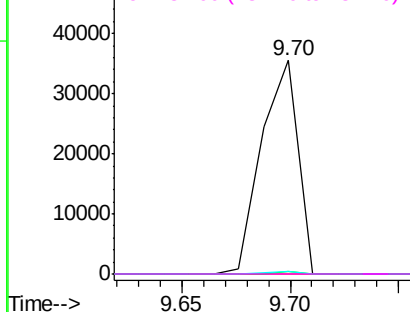


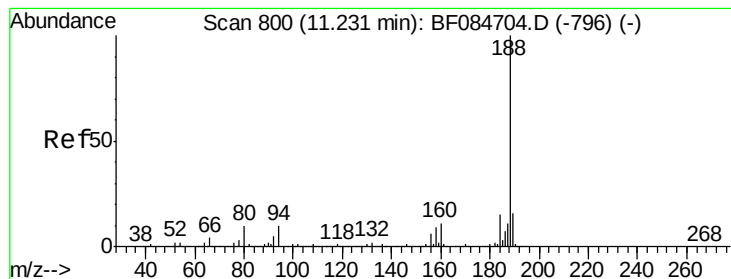
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

Tgt Ion:165 Resp: 41875
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.3 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: BF084866.D

Acq: 5 Feb 2016 18:15

Instrument :

BNA_F

ClientSampleId :

SUP-B006(35-37)

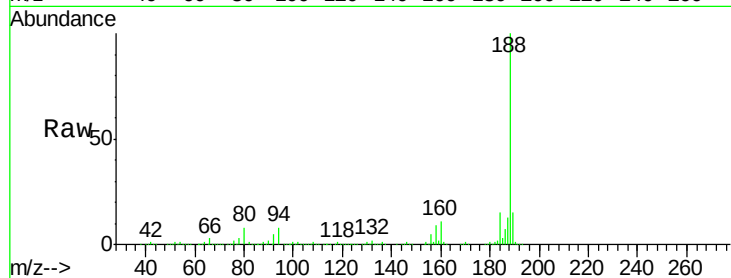
Tgt Ion:188 Resp: 626811

Ion Ratio Lower Upper

188 100

94 8.0 9.0 13.4#

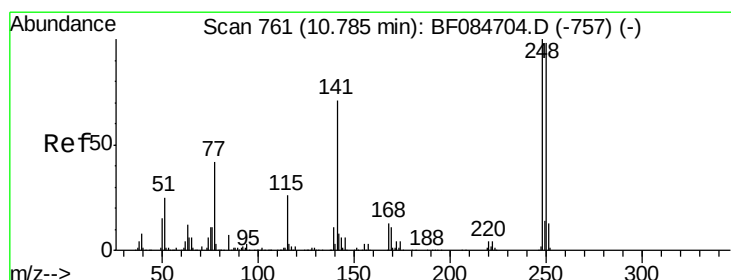
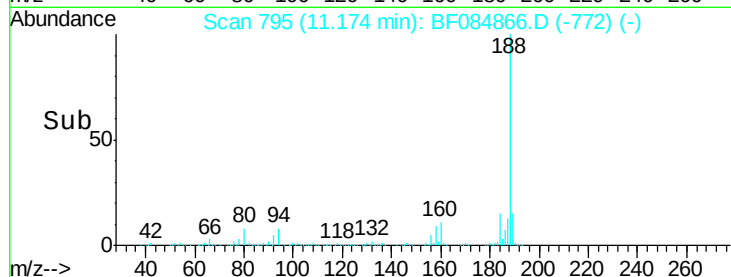
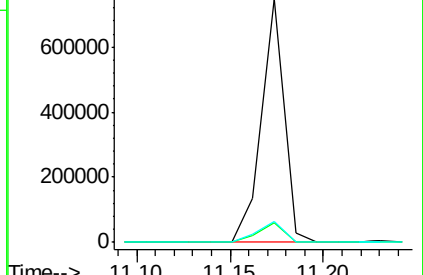
80 8.4 9.6 14.4#



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: 4.48 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084866.D

Acq: 5 Feb 2016 18:15

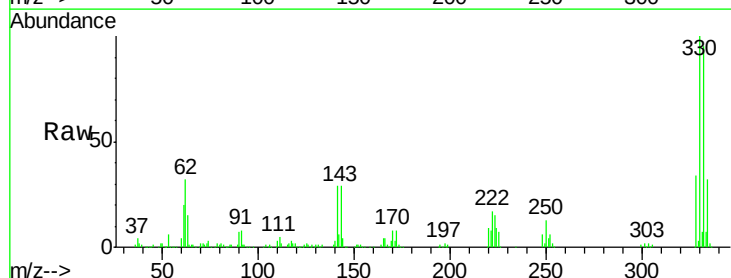
Tgt Ion:248 Resp: 31040

Ion Ratio Lower Upper

248 100

250 200.5 78.4 117.6#

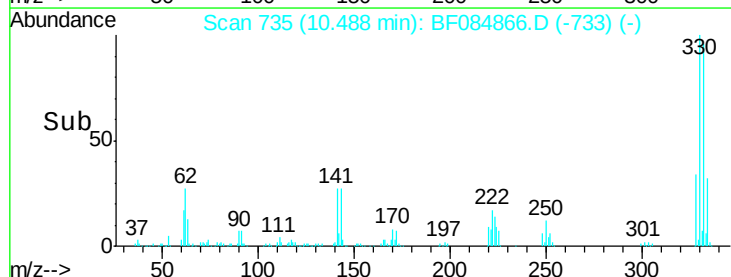
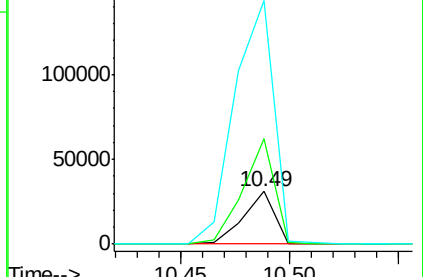
141 463.5 44.0 66.0#

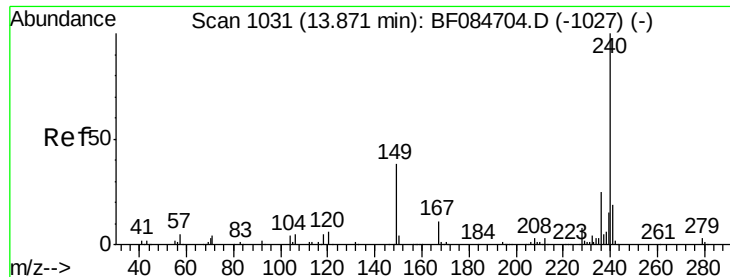


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084866.D

Acq: 5 Feb 2016 18:15

Instrument :

BNA_F

ClientSampleId :

SUP-B006(35-37)

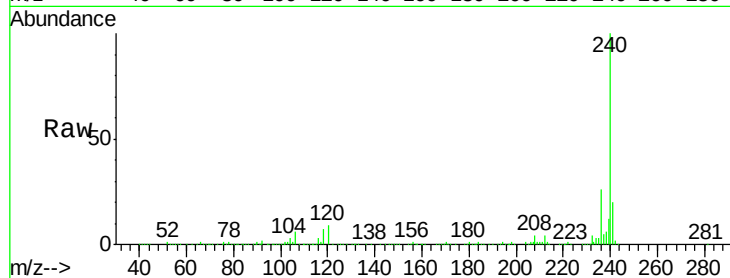
Tgt Ion:240 Resp: 518324

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

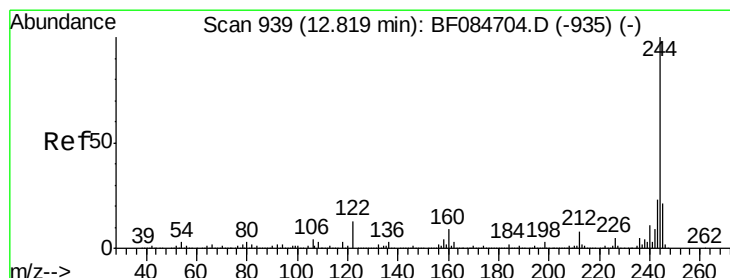
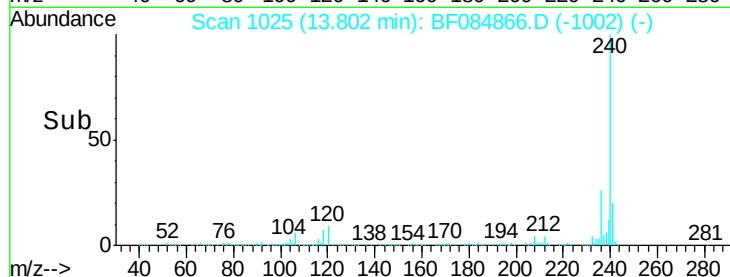
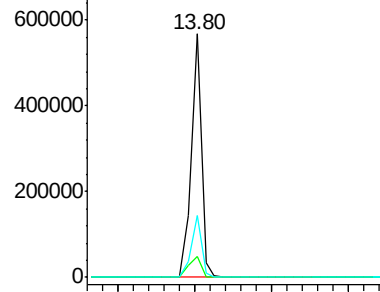
236 25.6 20.6 31.0



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: 64.18 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084866.D

Acq: 5 Feb 2016 18:15

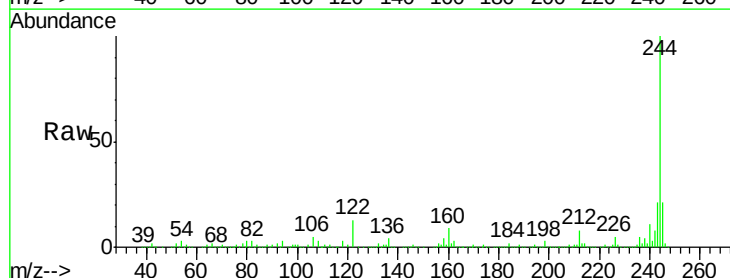
Tgt Ion:244 Resp: 1467930

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

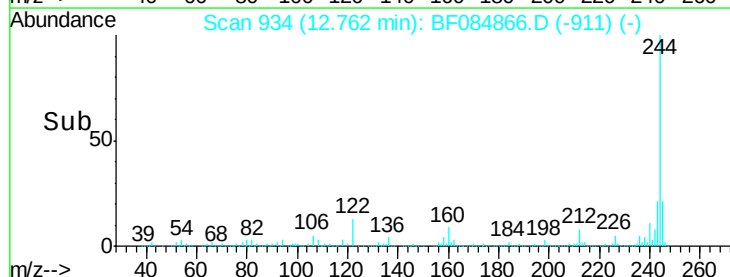
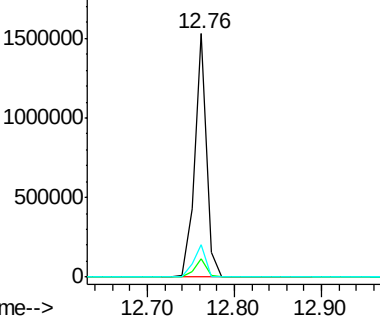
122 13.4 7.4 11.0#

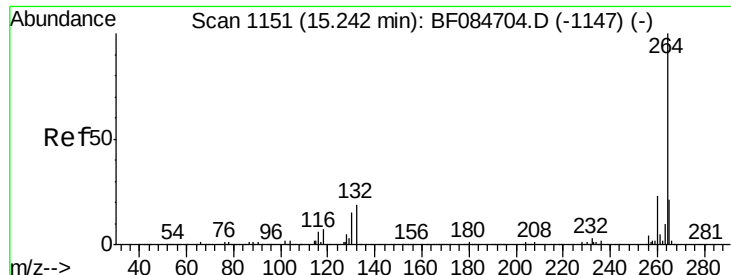


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084866.D
Acq: 5 Feb 2016 18:15

Instrument :
BNA_F
ClientSampleId :
SUP-B006(35-37)

Tgt Ion: 264 Resp: 347324
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.5 17.8 26.6

