

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085671.D
 Acq On : 22 Mar 2016 21:08
 Operator : UM/SJ
 Sample : H1857-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(23-25)

Quant Time: Mar 23 00:07:05 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

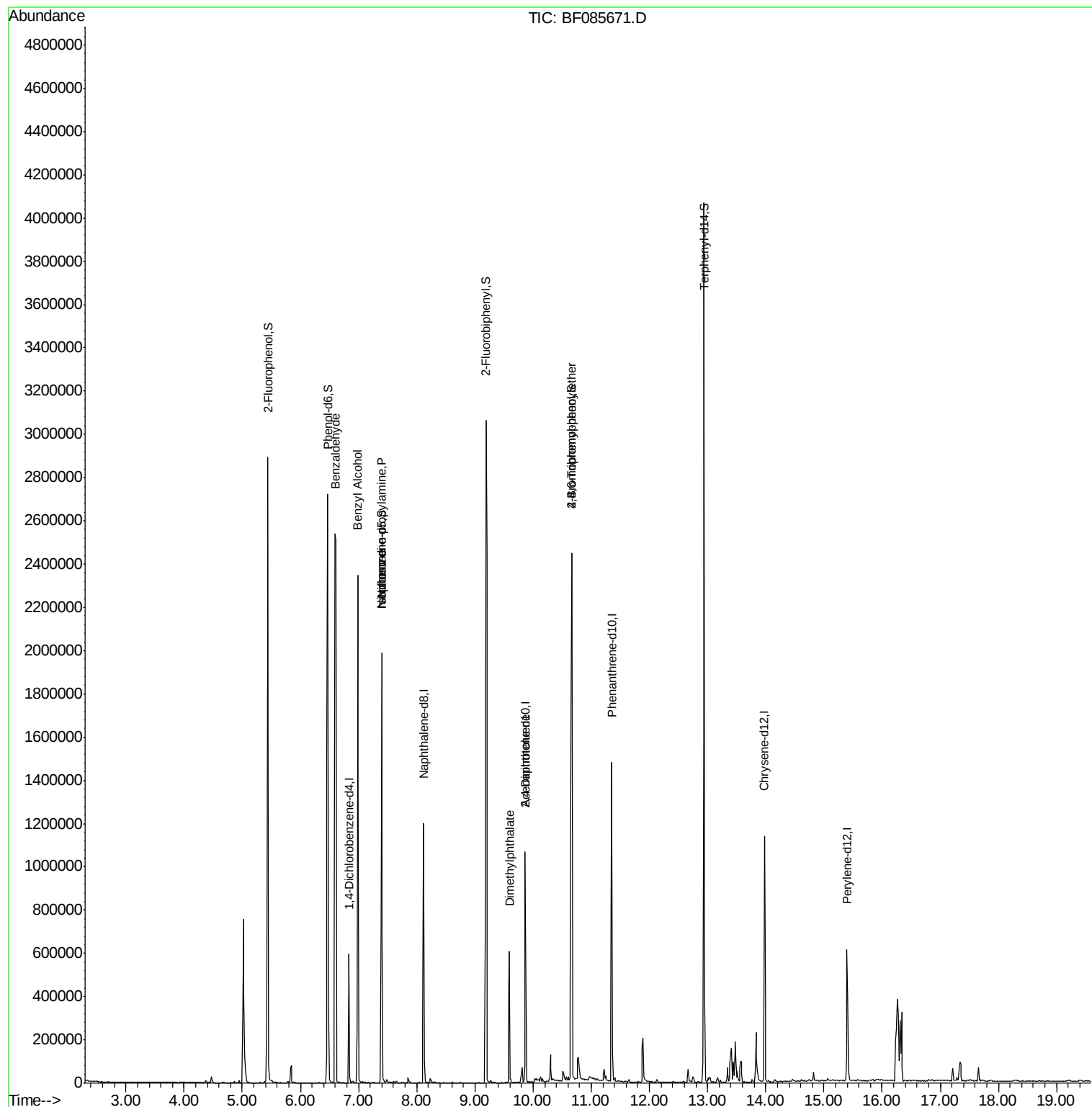
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	125381	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	532071	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	242627	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	510138	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	399891	20.00	ng	-0.03
86) Perylene-d12	15.40	264	299928	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1121912	150.30	ng	-0.01
7) Phenol-d6	6.47	99	1243580	129.89	ng	-0.02
23) Nitrobenzene-d5	7.40	82	841353	91.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	460826	193.89	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1493351	115.04	ng	-0.03
78) Terphenyl-d14	12.94	244	1404923	84.54	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	24840	3.20	ng	Qvalue 82
15) Benzyl Alcohol	6.98	79	13142	2.00	ng	# 52
19) n-Nitroso-di-n-propylamine	7.40	70	110353	19.30	ng	# 77
25) Isophorone	7.40	82	666935	36.34	ng	# 68
49) Dimethylphthalate	9.59	163	272498	14.88	ng	98
56) 2,4-Dinitrotoluene	9.86	165	30485	6.02	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	29531	5.79	ng	# 1

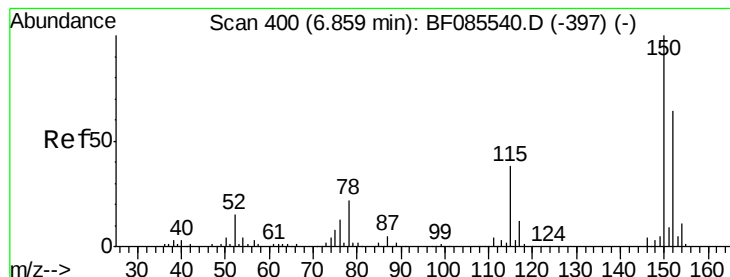
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.02 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

SB-01(23-25)

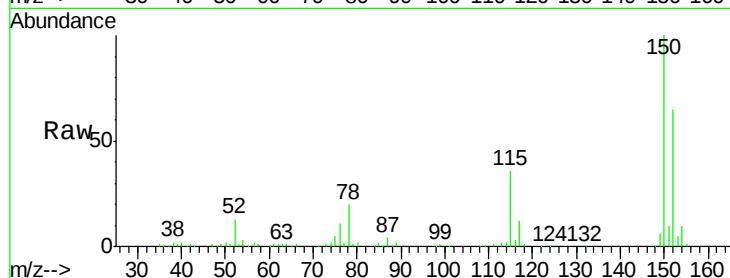
Tgt Ion:152 Resp: 125381

Ion Ratio Lower Upper

152 100

150 154.2 124.2 186.2

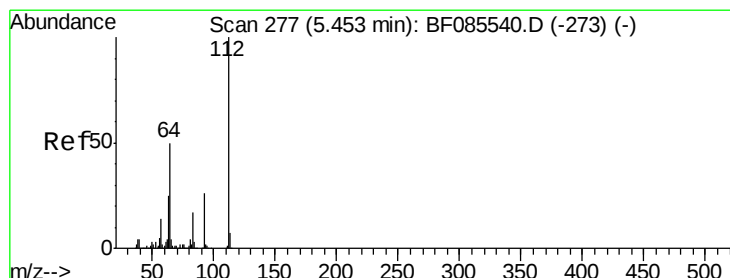
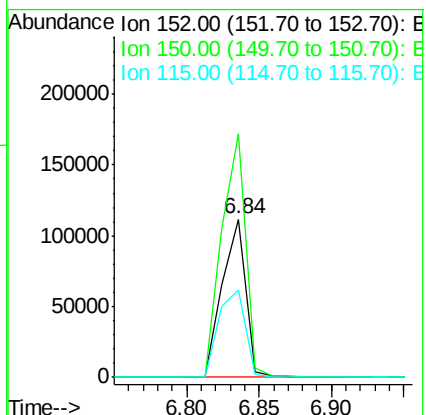
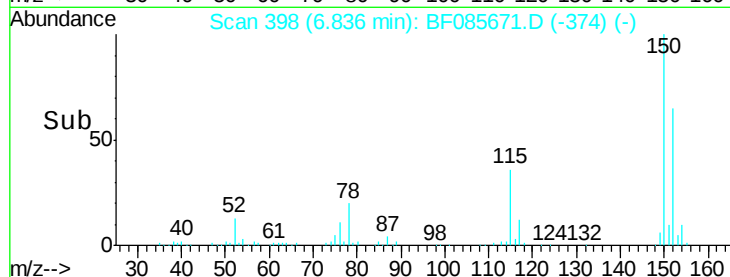
115 55.2 47.0 70.6



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: 150.30 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

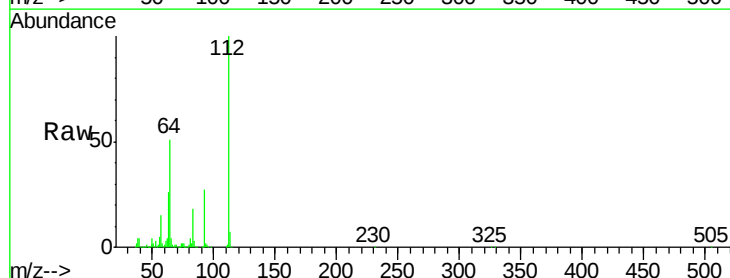
Tgt Ion:112 Resp: 1121912

Ion Ratio Lower Upper

112 100

64 50.9 39.9 59.9

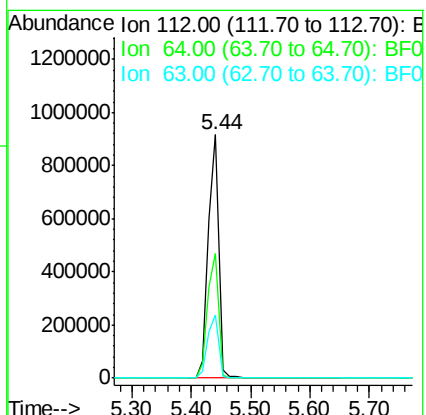
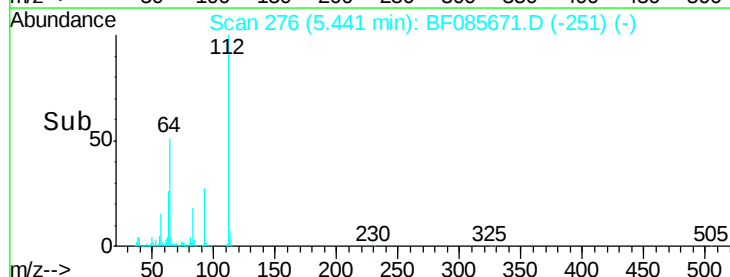
63 26.1 20.2 30.2

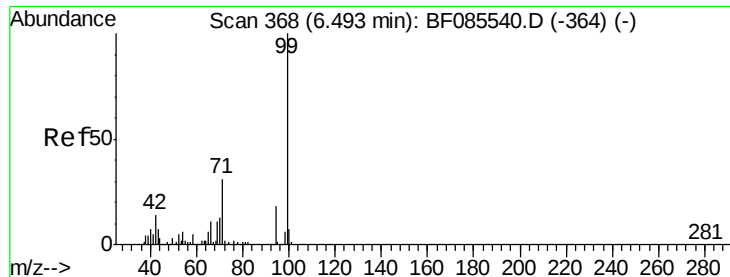


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.89 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

SB-01(23-25)

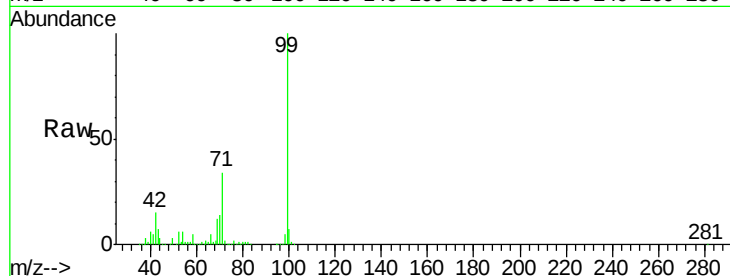
Tgt Ion: 99 Resp: 1243580

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

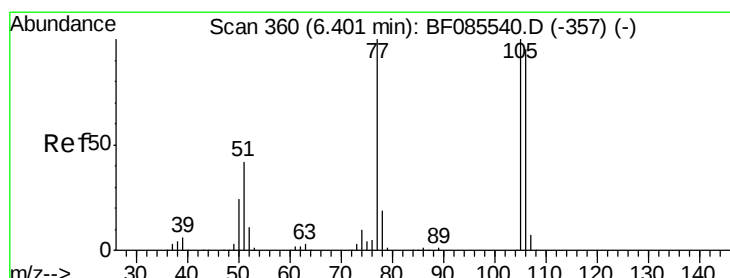
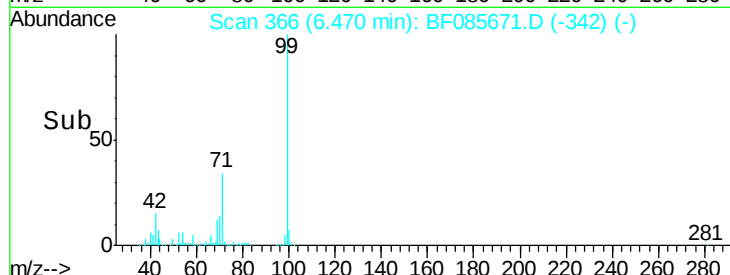
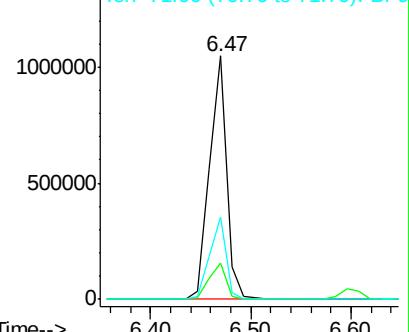
71 33.9 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.20 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.19 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

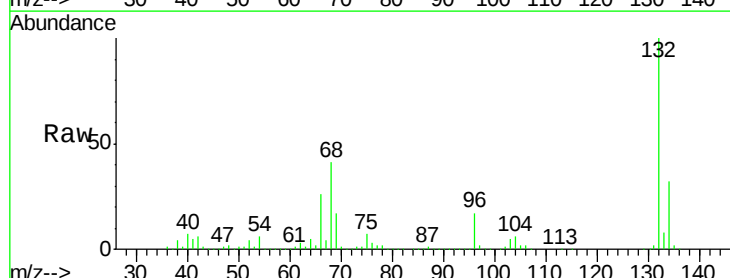
Tgt Ion: 77 Resp: 24840

Ion Ratio Lower Upper

77 100

105 83.4 80.1 120.1

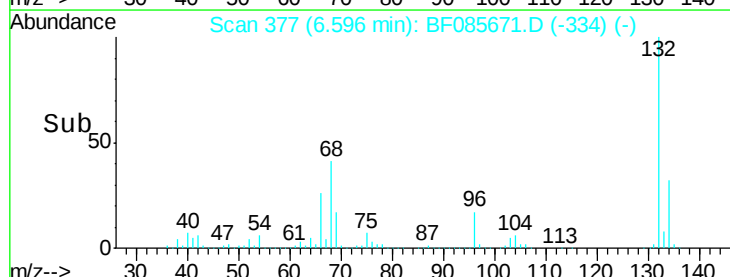
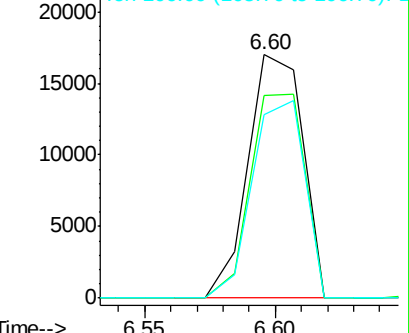
106 75.4 75.0 115.0

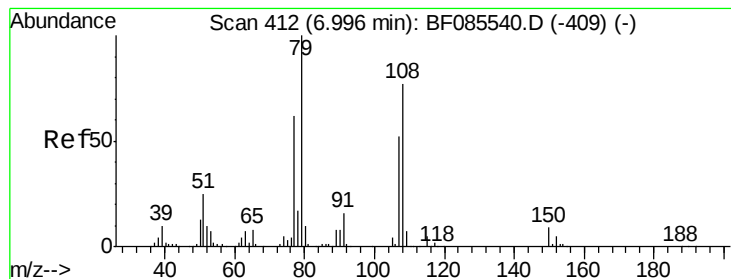


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

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SB-01(23-25)

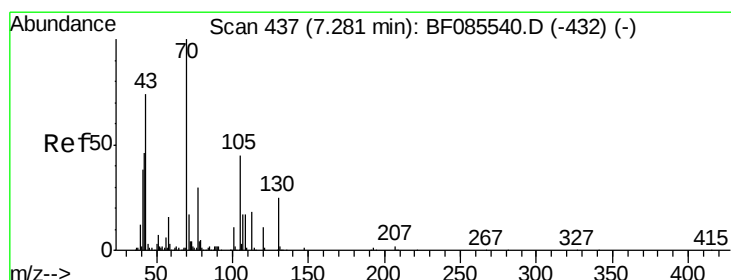
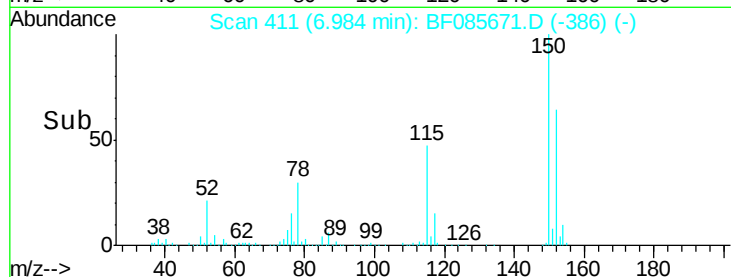
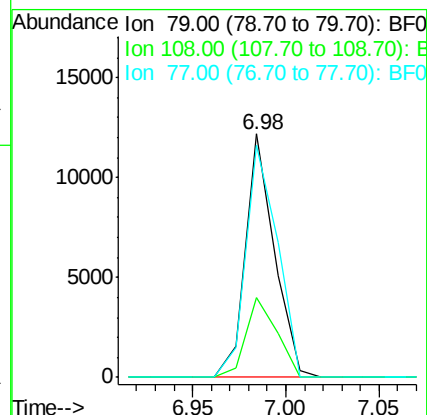
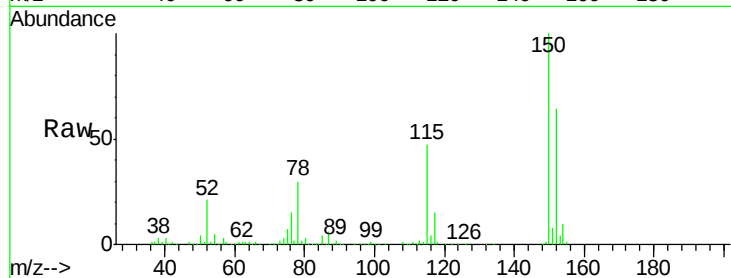
Tgt Ion: 79 Resp: 13142

Ion Ratio Lower Upper

79 100

108 32.6 61.8 92.6#

77 95.2 49.6 74.4#



#19

n-Nitroso-di-n-propylamine

Concen: 19.30 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Tgt Ion: 70 Resp: 110353

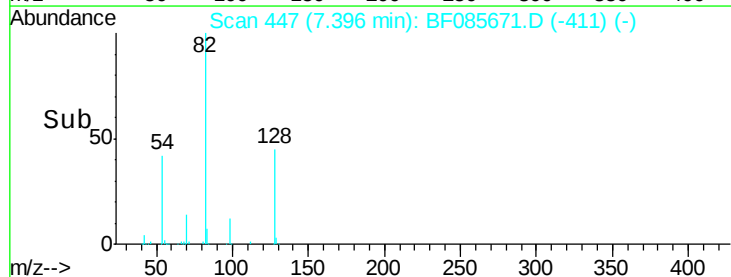
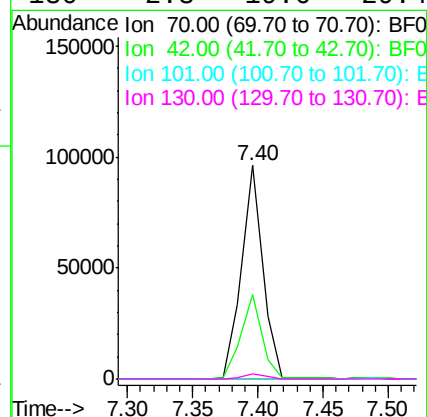
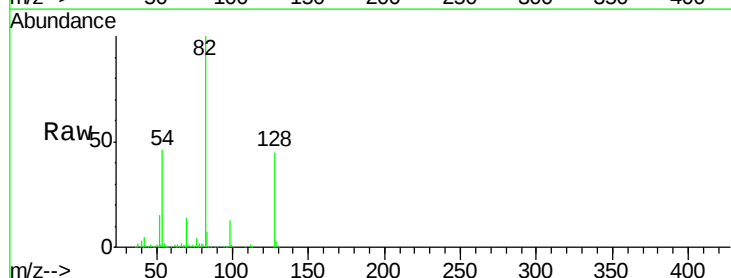
Ion Ratio Lower Upper

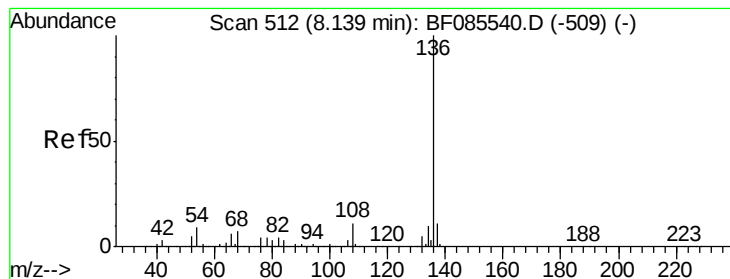
70 100

42 39.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

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SB-01(23-25)

Tgt Ion:136 Resp: 532071

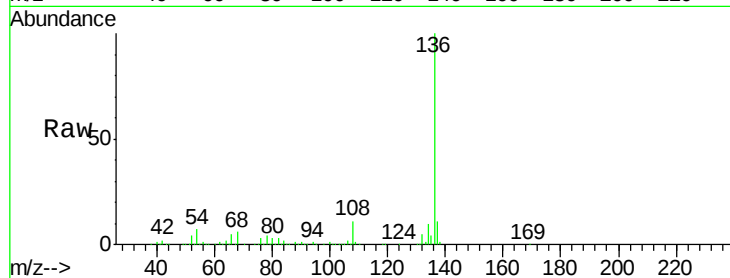
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.9 7.4 11.0#

68 5.9 5.8 8.8

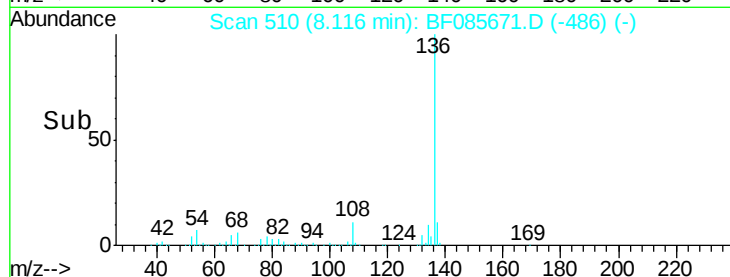


Abundance Ion 136.00 (135.70 to 136.70): E

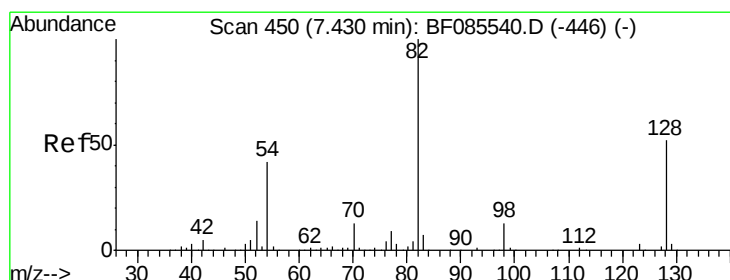
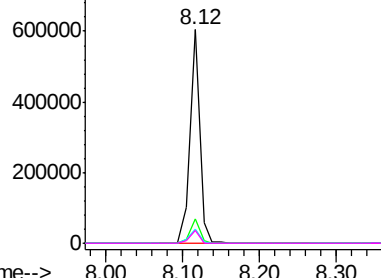
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 91.79 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

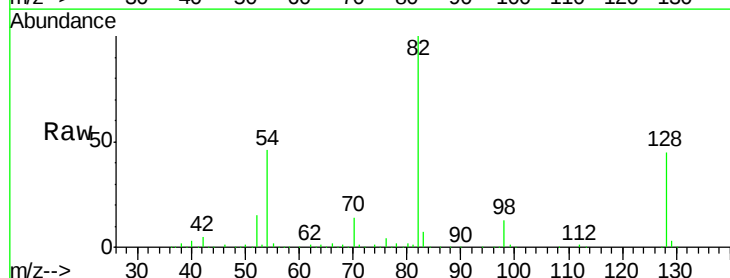
Tgt Ion: 82 Resp: 841353

Ion Ratio Lower Upper

82 100

128 44.8 41.8 62.8

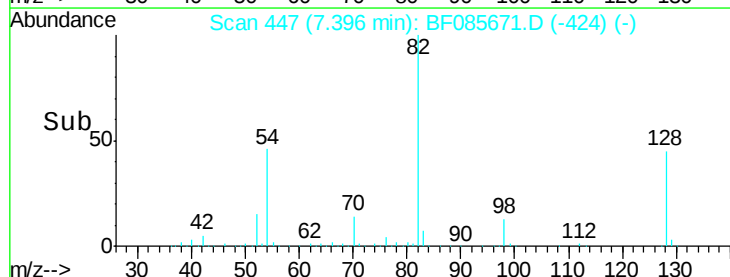
54 45.9 33.4 50.0



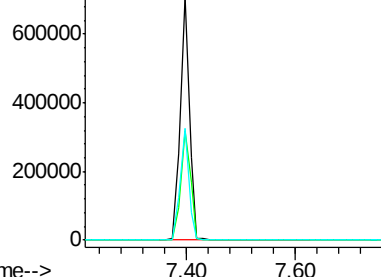
Abundance Ion 82.00 (81.70 to 82.70): BF0

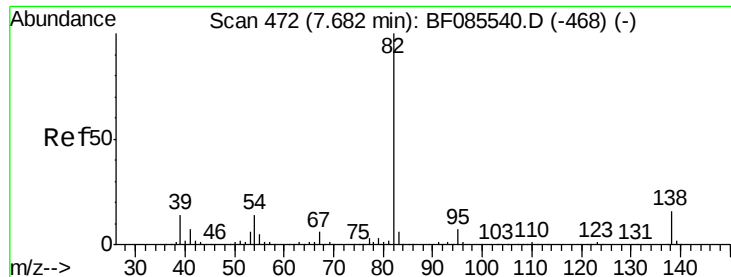
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

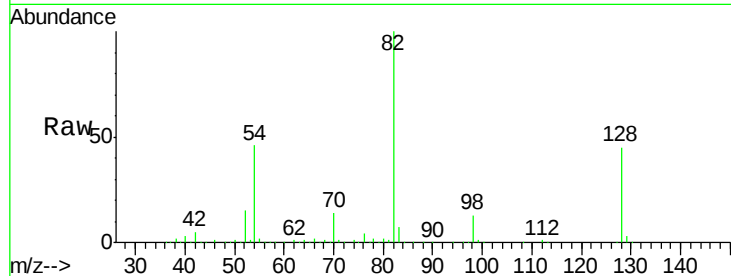




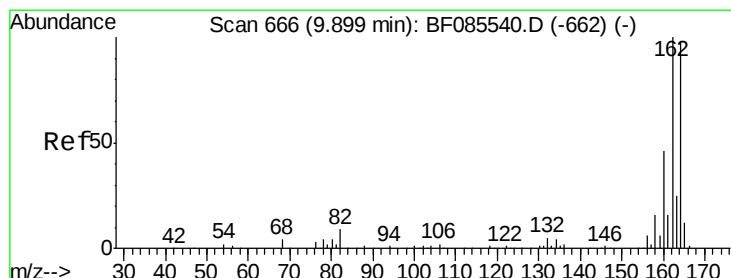
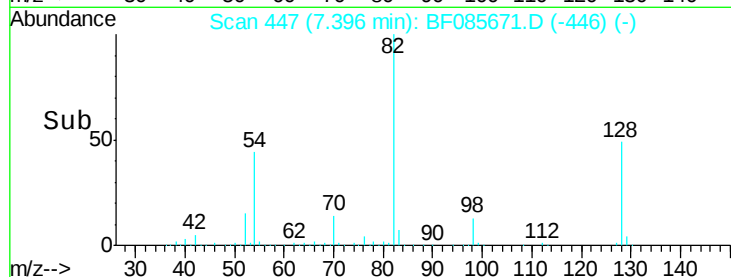
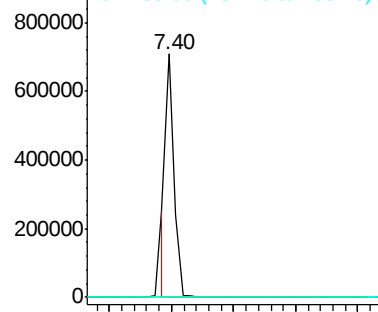
#25
Isophorone
Concen: 36.34 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.29 min
Lab File: BF085671.D
Acq: 22 Mar 2016 21:08

Instrument :
BNA_F
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SB-01(23-25)

Tgt Ion: 82 Resp: 666935
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#

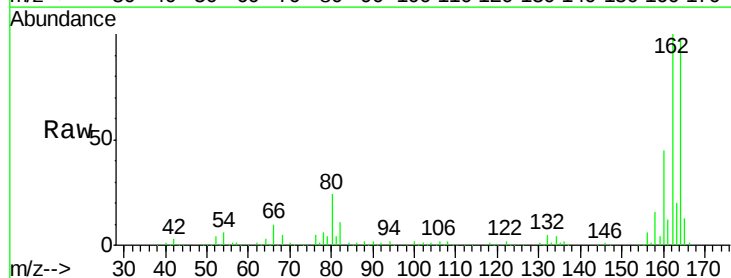


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

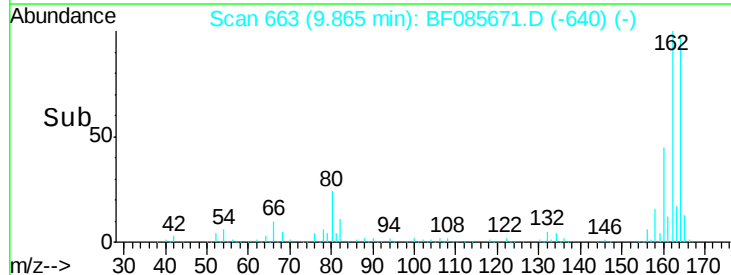
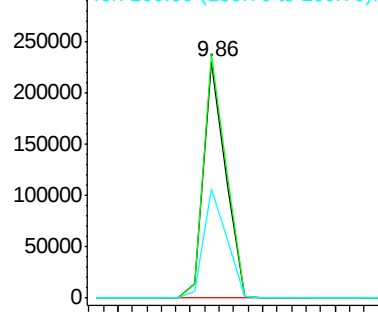


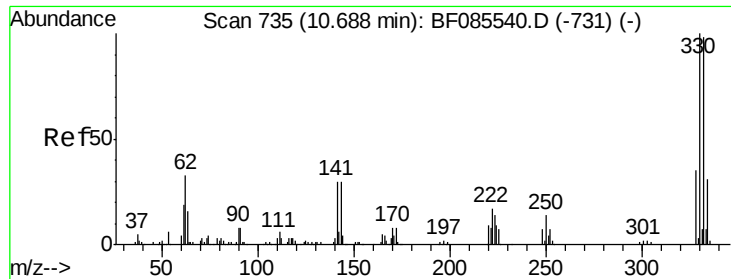
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF085671.D
Acq: 22 Mar 2016 21:08

Tgt Ion: 164 Resp: 242627
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 46.3 37.4 56.2



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

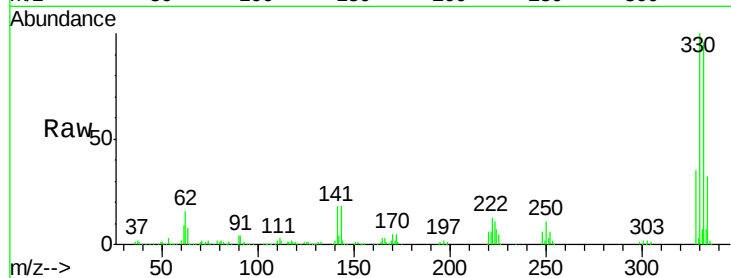




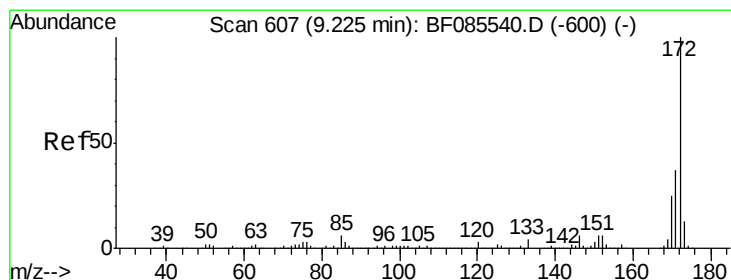
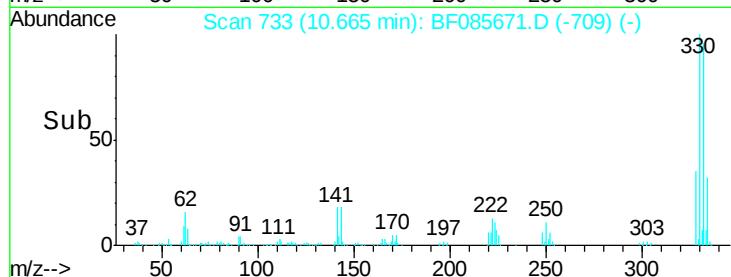
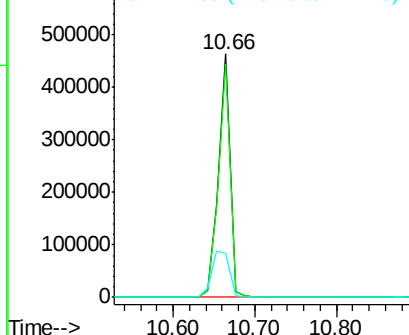
#41
 2,4,6-Tribromophenol
 Concen: 193.89 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085671.D
 Acq: 22 Mar 2016 21:08

Instrument :
 BNA_F
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 SB-01(23-25)

Tgt Ion:330 Resp: 460826
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.2 117.2
 141 29.7 31.5 47.3#

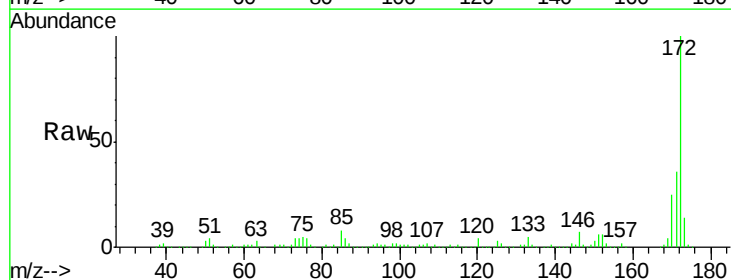


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

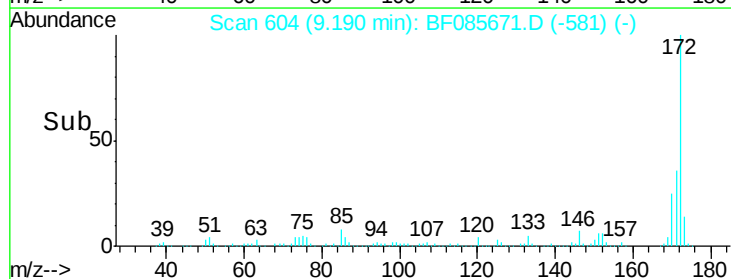
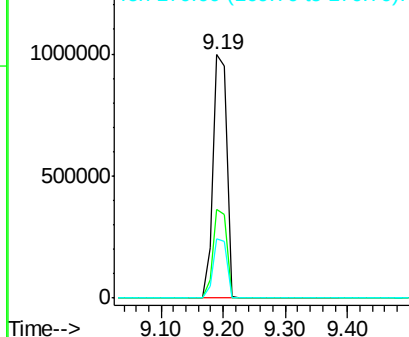


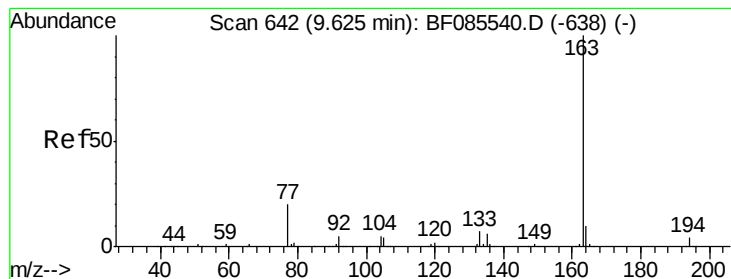
#44
 2-Fluorobiphenyl
 Concen: 115.04 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085671.D
 Acq: 22 Mar 2016 21:08

Tgt Ion:172 Resp: 1493351
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.6 19.8 29.6



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: 14.88 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

SB-01(23-25)

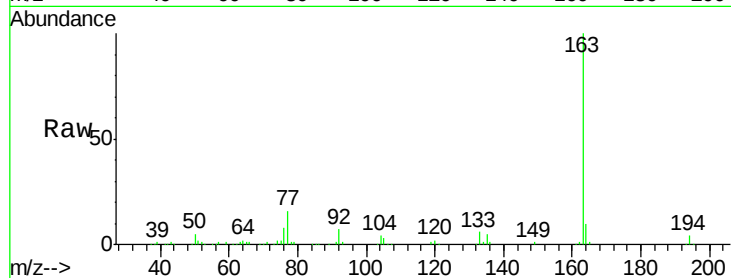
Tgt Ion:163 Resp: 272498

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

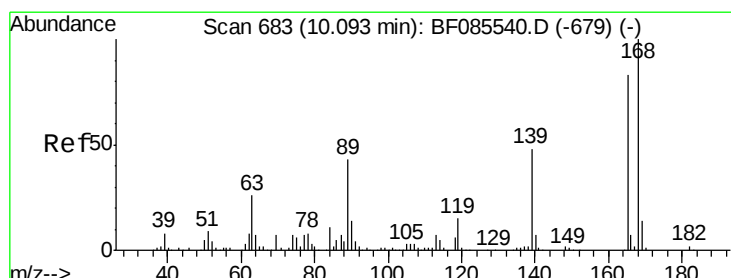
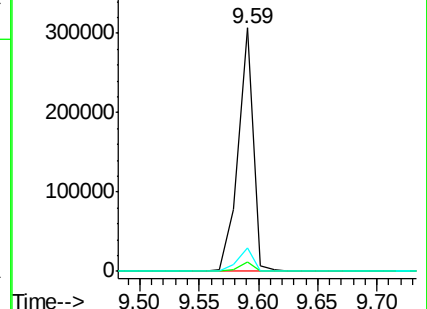
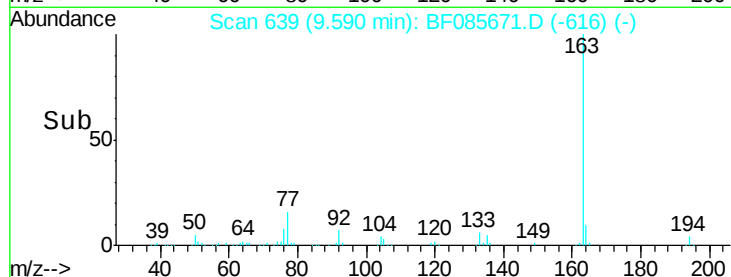
164 9.6 8.3 12.5



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: 6.02 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Tgt Ion:165 Resp: 30485

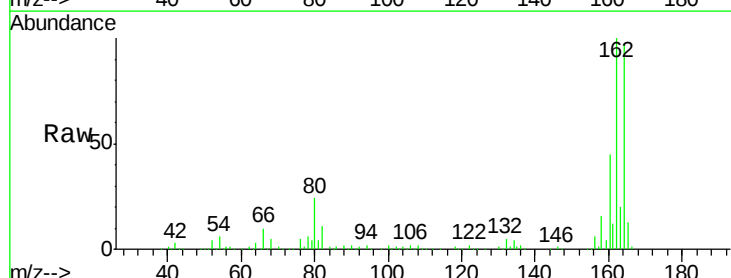
Ion Ratio Lower Upper

165 100

63 1.4 24.9 37.3#

89 1.7 41.0 61.6#

182 0.0 2.1 3.1#

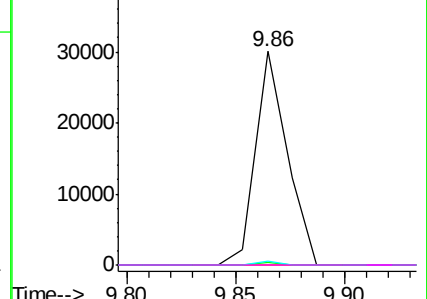
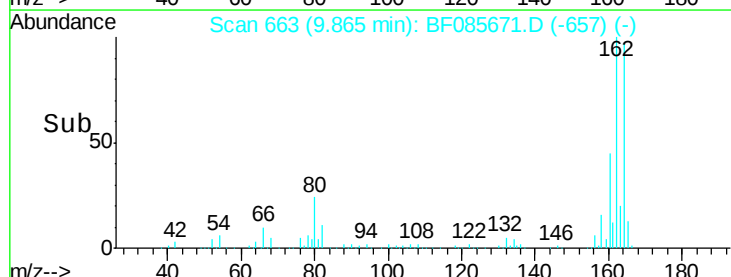


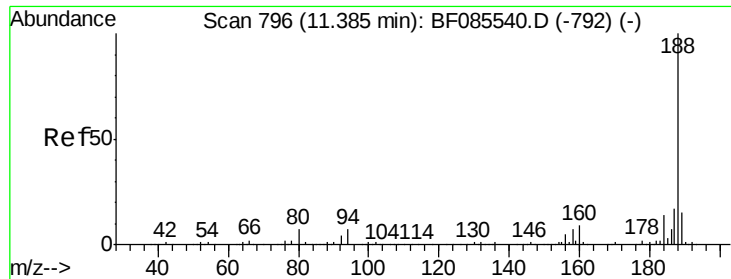
Abundance Ion 165.00 (164.70 to 165.70): E

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

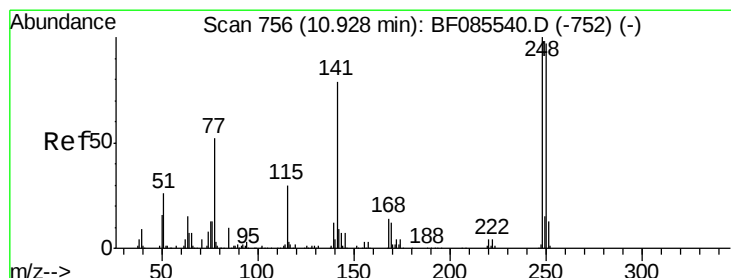
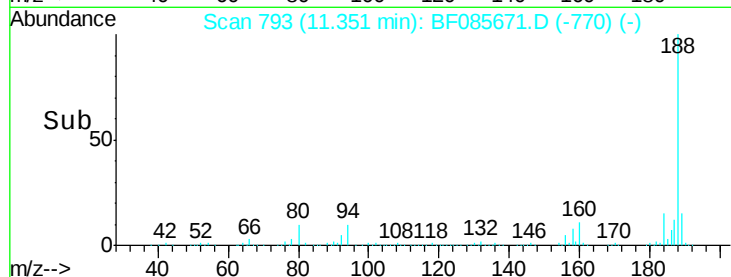
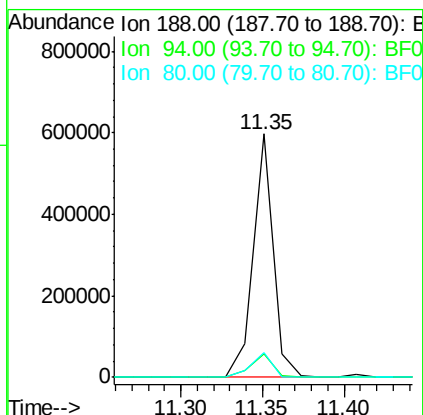
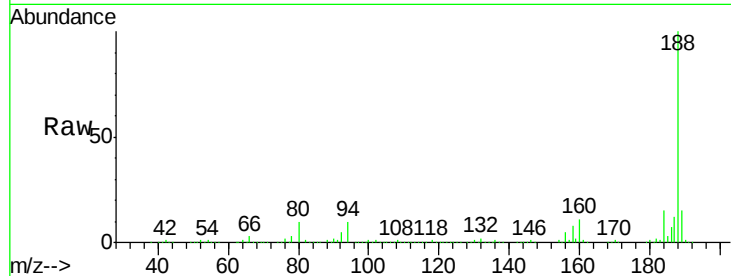




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085671.D
 Acq: 22 Mar 2016 21:08

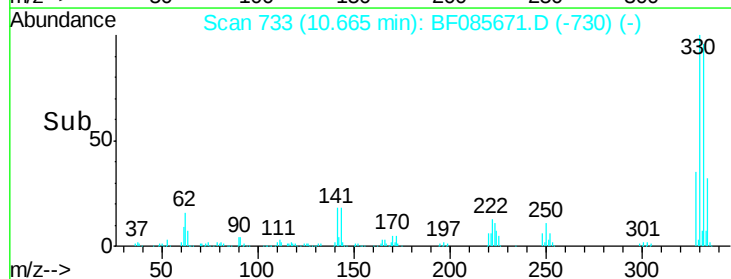
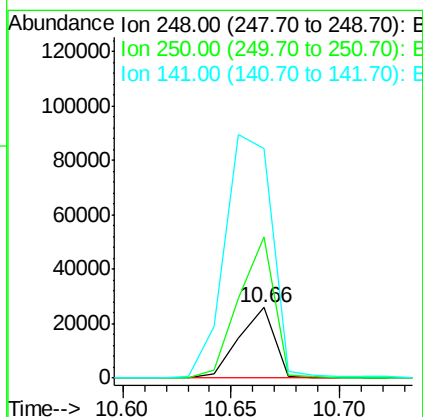
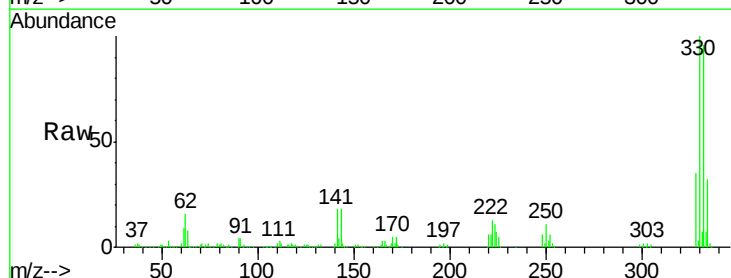
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(23-25)

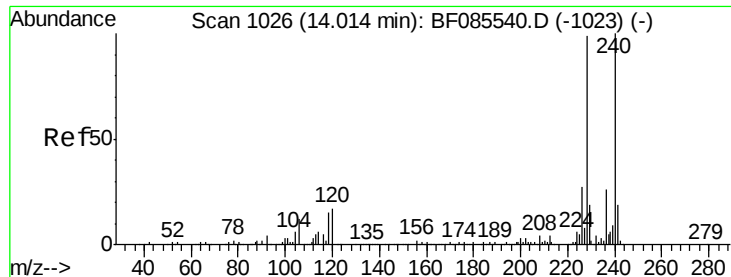
Tgt Ion:188 Resp: 510138
 Ion Ratio Lower Upper
 188 100
 94 9.8 5.4 8.0#
 80 10.3 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 5.79 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085671.D
 Acq: 22 Mar 2016 21:08

Tgt Ion:248 Resp: 29531
 Ion Ratio Lower Upper
 248 100
 250 200.6 77.4 116.0#
 141 327.4 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

SB-01(23-25)

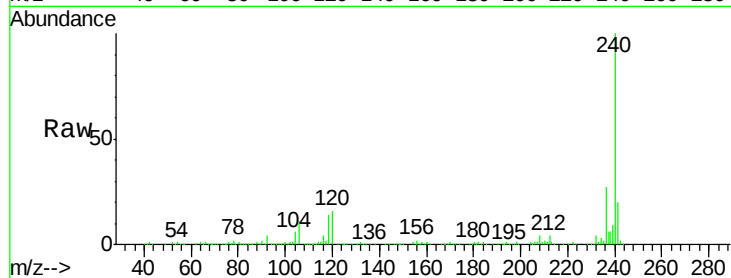
Tgt Ion:240 Resp: 399891

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

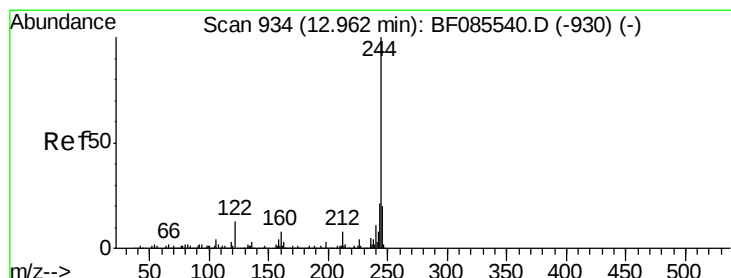
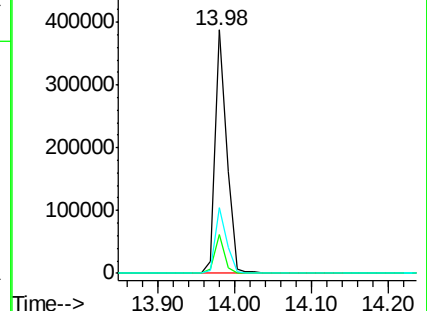
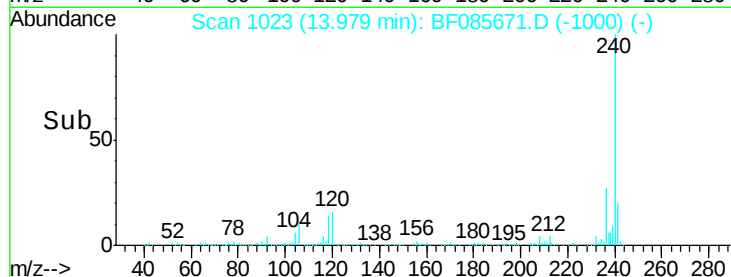
236 27.0 20.6 30.8



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: 84.54 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

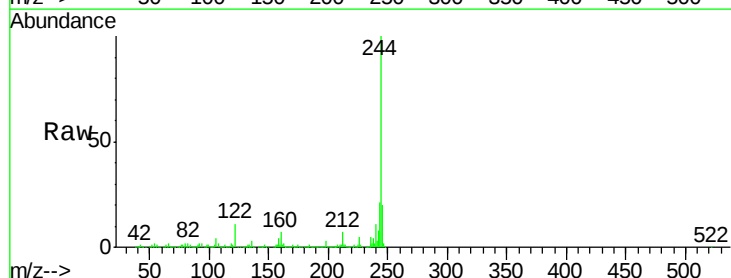
Tgt Ion:244 Resp: 1404923

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

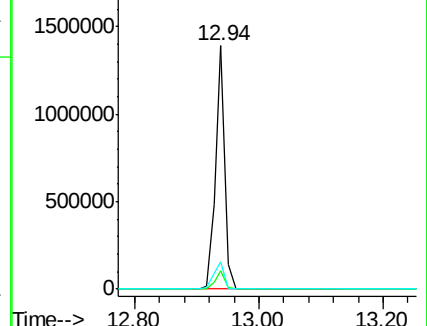
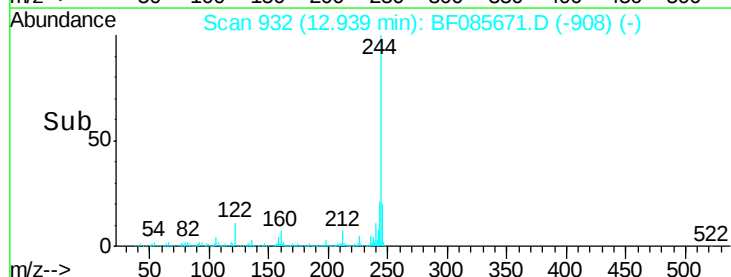
122 11.0 10.2 15.4

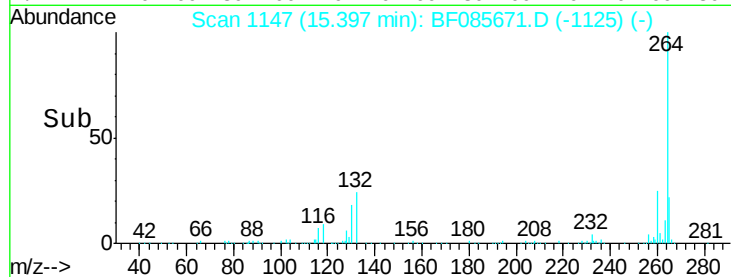
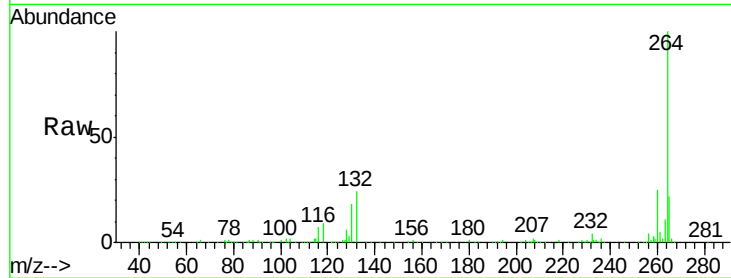
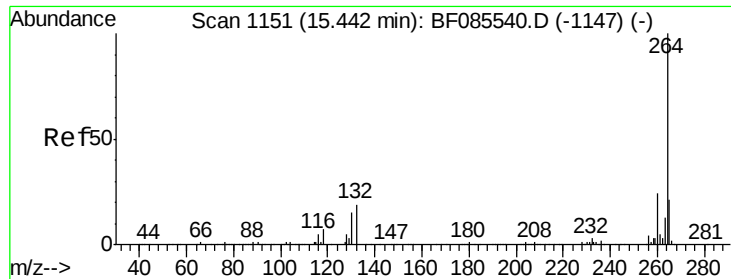


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 1147

Delta R.T. -0.05 min

Lab File: BF085671.D

Acq: 22 Mar 2016 21:08

Instrument :

BNA_F

ClientSampleId :

SB-01(23-25)

Tgt Ion:264 Resp: 299928

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.7 17.2 25.8

