

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
 Data File : BF082673.D
 Acq On : 3 Nov 2015 21:15
 Operator : UM/IZ
 Sample : G4240-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(18-20)

Quant Time: Nov 04 03:20:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

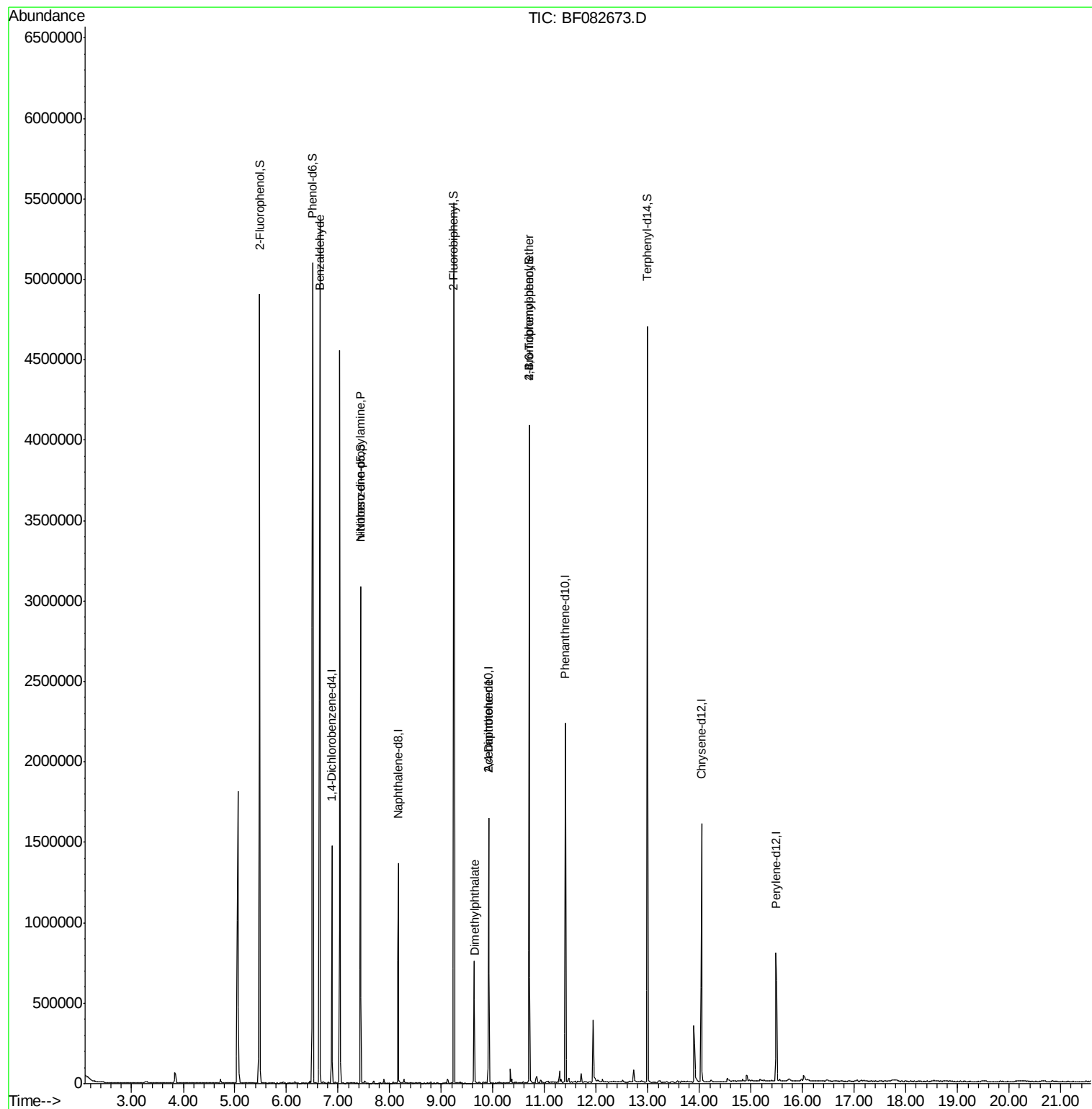
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	182708	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	704249	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	350351	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	719341	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	572111	20.00	ng	-0.01
86) Perylene-d12	15.48	264	438950	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1304148	107.51	ng	0.01
7) Phenol-d6	6.51	99	1886840	117.08	ng	0.00
23) Nitrobenzene-d5	7.44	82	1038283	60.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	412381	107.55	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1693761	68.64	ng	-0.01
78) Terphenyl-d14	12.99	244	1821932	69.69	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.65	77	42331	3.85	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.44	70	144950	11.87	ng	# 72
49) Dimethylphthalate	9.64	163	390953	13.66	ng	# 96
56) 2,4-Dinitrotoluene	9.92	165	45737	5.70	ng	# 15
66) 4-Bromophenyl-phenylether	10.70	248	28509	3.50	ng	# 1

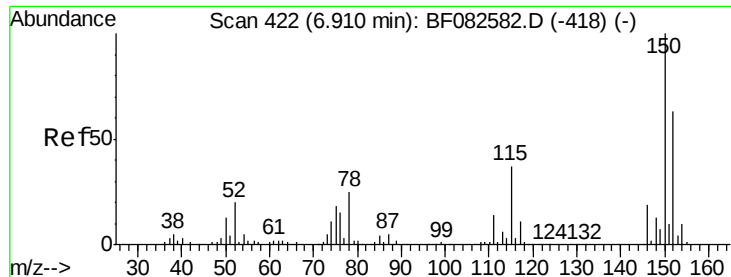
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110315\
Data File : BF082673.D
Acq On : 3 Nov 2015 21:15
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Sample : G4240-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-08(18-20)

Quant Time: Nov 04 03:20:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB-08(18-20)

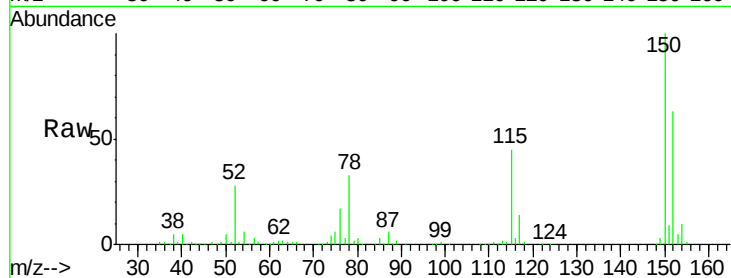
Tgt Ion:152 Resp: 182708

Ion Ratio Lower Upper

152 100

150 157.6 127.0 190.4

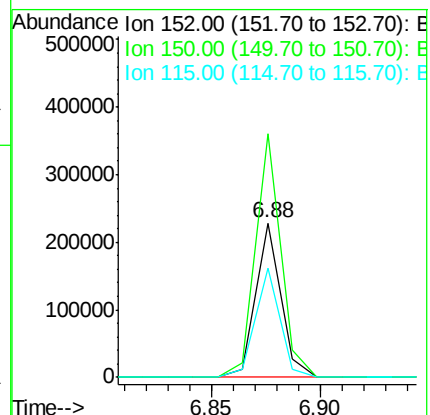
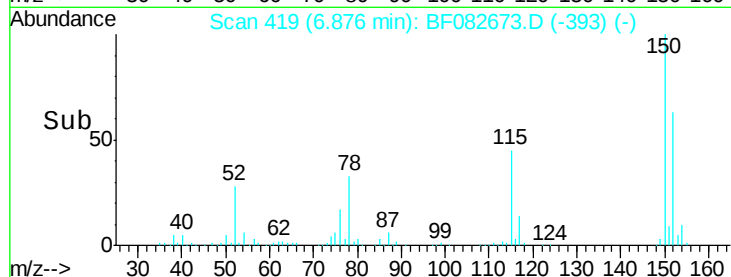
115 70.5 47.0 70.6



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: 107.51 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

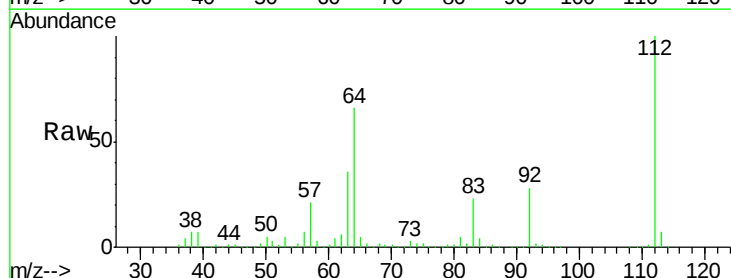
Tgt Ion:112 Resp: 1304148

Ion Ratio Lower Upper

112 100

64 65.8 48.9 73.3

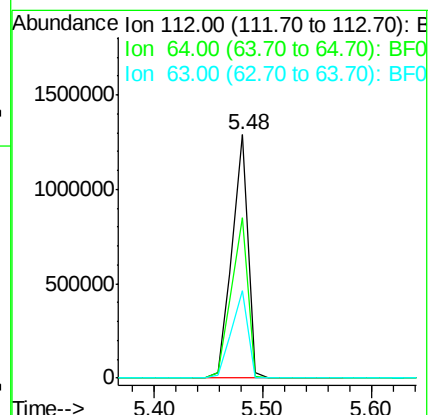
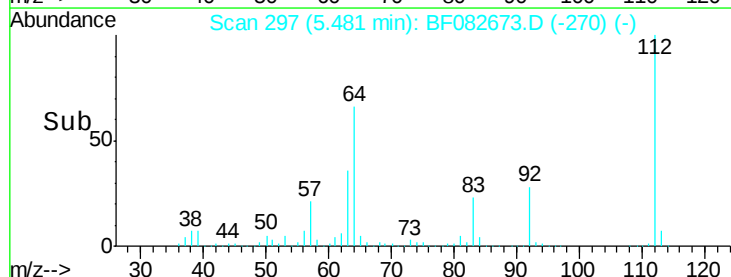
63 35.7 28.1 42.1



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: 117.08 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB-08(18-20)

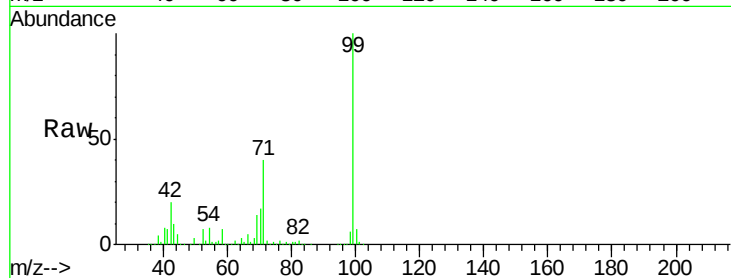
Tgt Ion: 99 Resp: 1886840

Ion Ratio Lower Upper

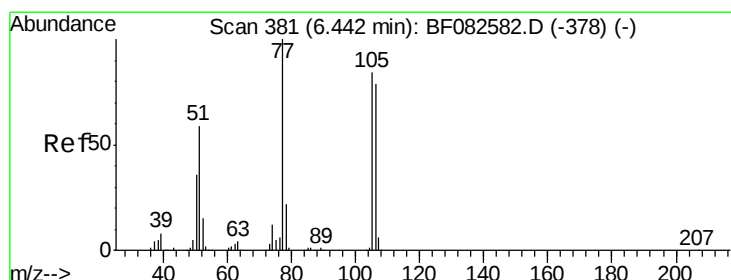
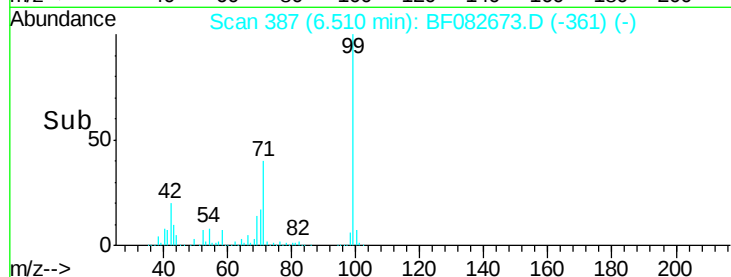
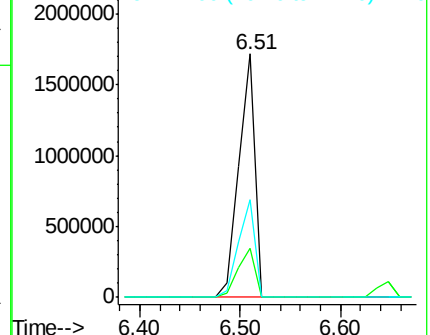
99 100

42 20.3 19.2 28.8

71 40.2 35.0 52.4



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: 3.85 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.23 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

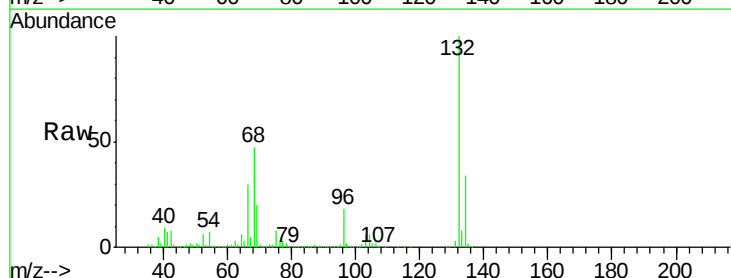
Tgt Ion: 77 Resp: 42331

Ion Ratio Lower Upper

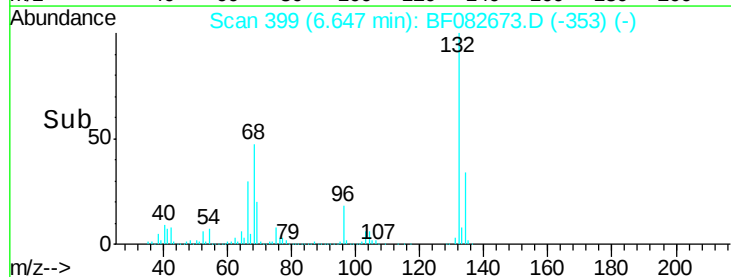
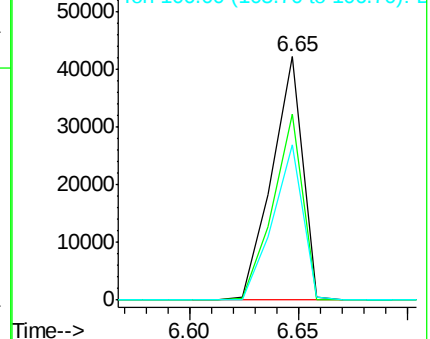
77 100

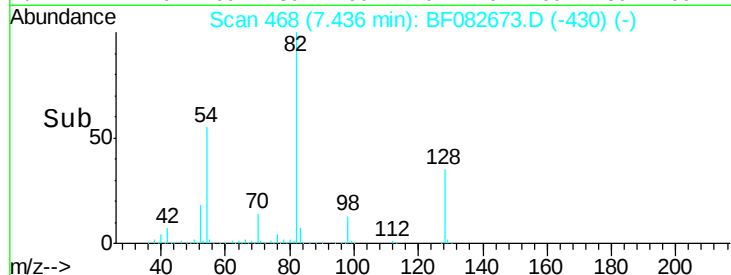
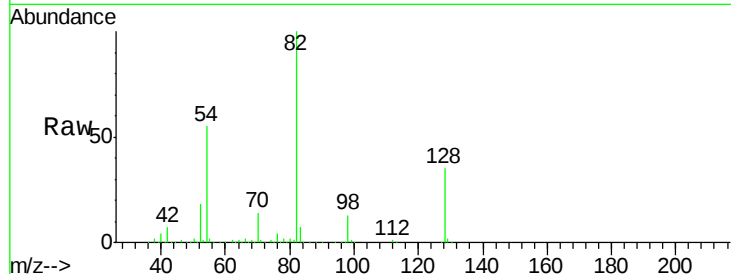
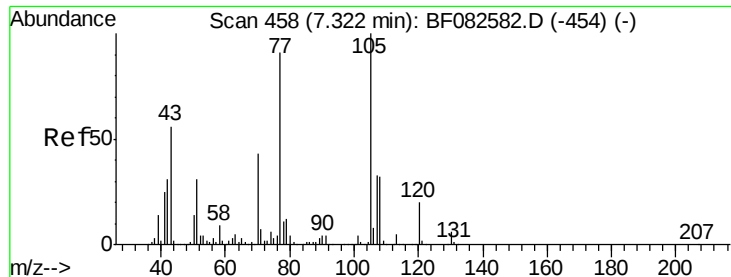
105 76.5 63.5 103.5

106 63.8 59.3 99.3



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

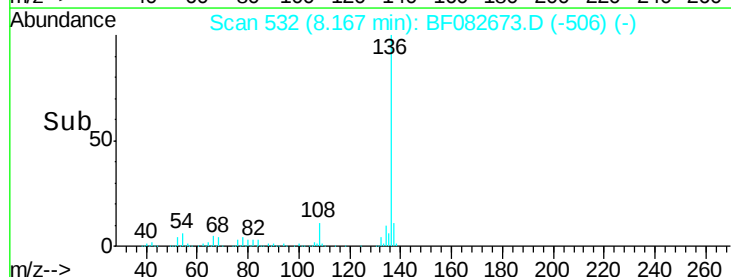
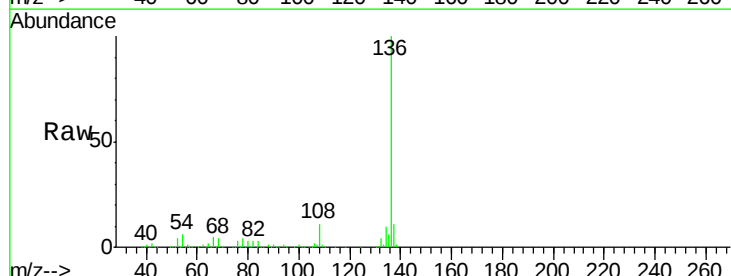
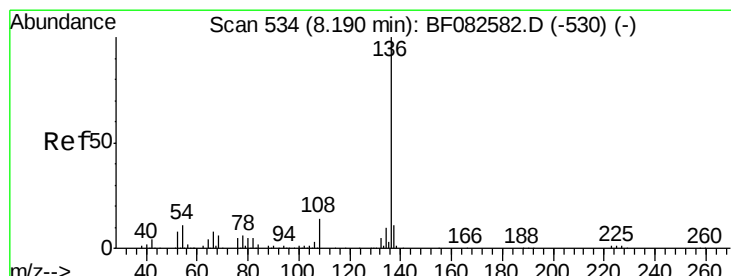
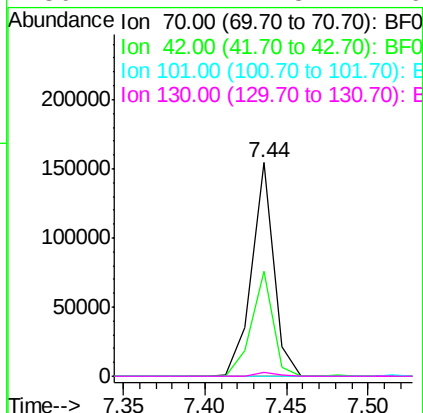




#19
n-Nitroso-di-n-propylamine
Concen: 11.87 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF082673.D
Acq: 3 Nov 2015 21:15

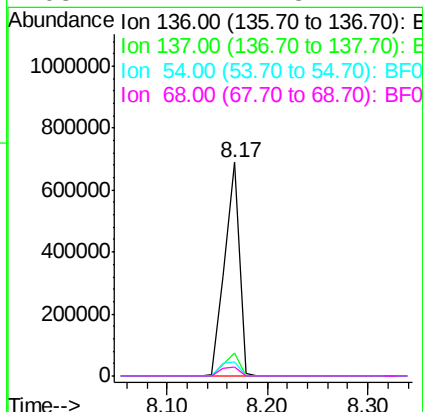
Instrument :
BNA_F
ClientSampleId :
SB-08(18-20)

Tgt Ion: 70 Resp: 144950
Ion Ratio Lower Upper
70 100
42 49.2 57.7 86.5#
101 0.0 7.0 10.6#
130 1.7 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF082673.D
Acq: 3 Nov 2015 21:15

Tgt Ion: 136 Resp: 704249
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.4 9.1 13.7#
68 4.1 4.8 7.2#

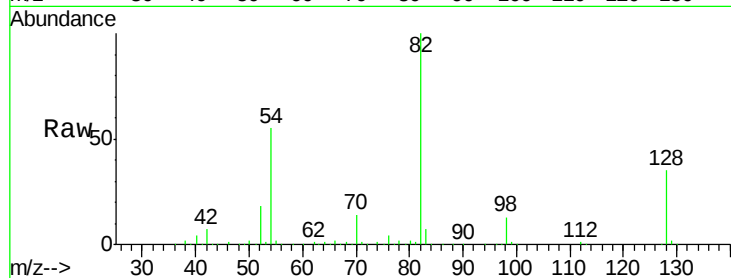




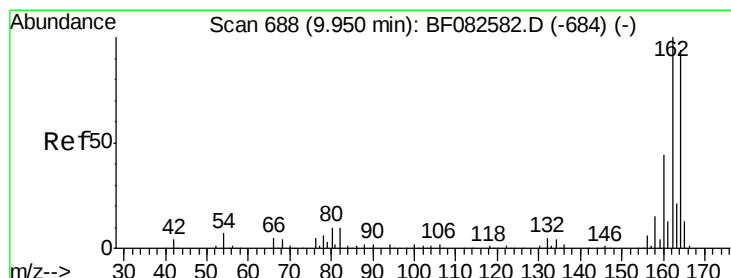
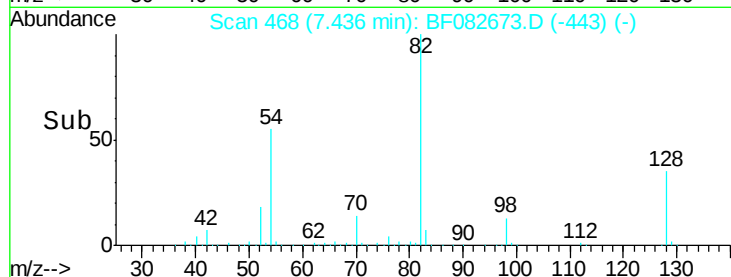
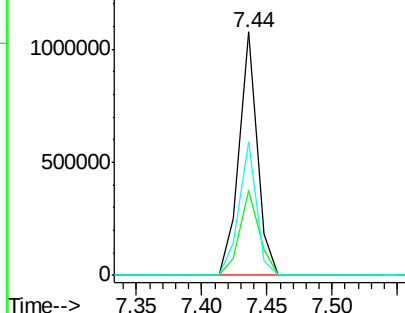
#23
 Nitrobenzene-d5
 Concen: 60.20 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082673.D
 Acq: 3 Nov 2015 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(18-20)

Tgt Ion: 82 Resp: 1038283
 Ion Ratio Lower Upper
 82 100
 128 34.7 26.8 40.2
 54 54.9 45.7 68.5

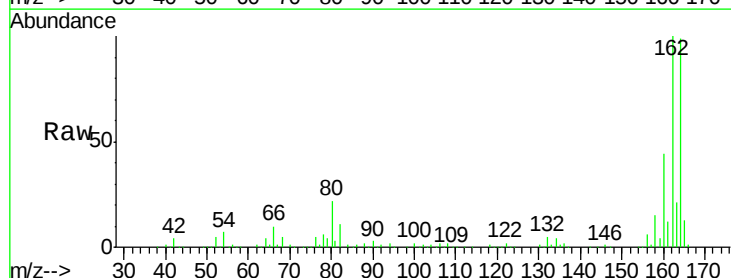


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

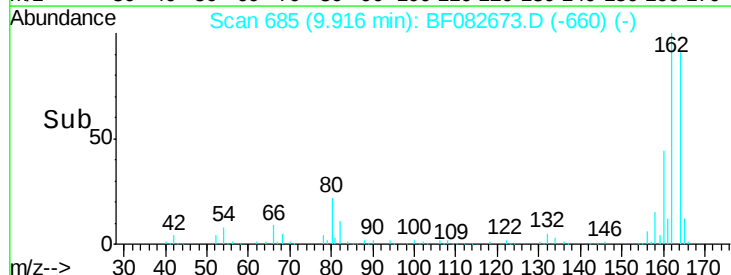
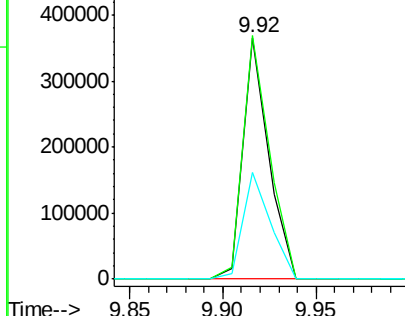


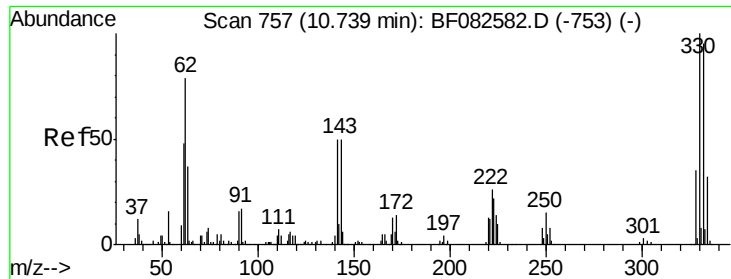
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF082673.D
 Acq: 3 Nov 2015 21:15

Tgt Ion: 164 Resp: 350351
 Ion Ratio Lower Upper
 164 100
 162 100.9 84.9 127.3
 160 44.0 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

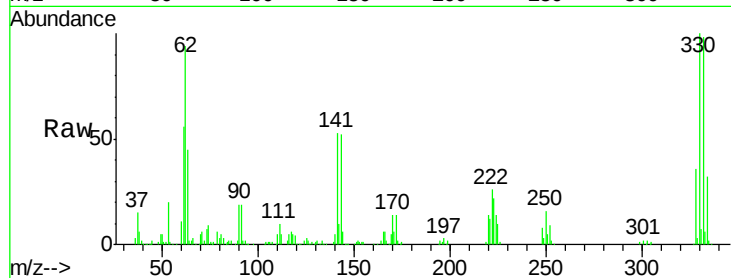




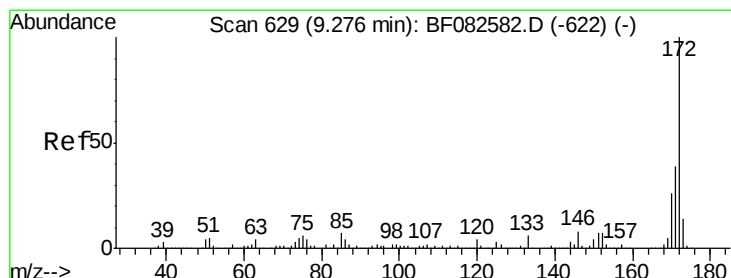
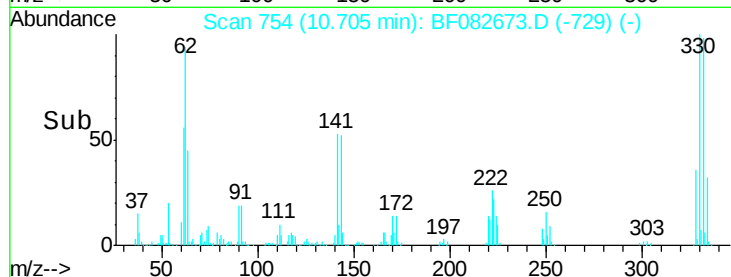
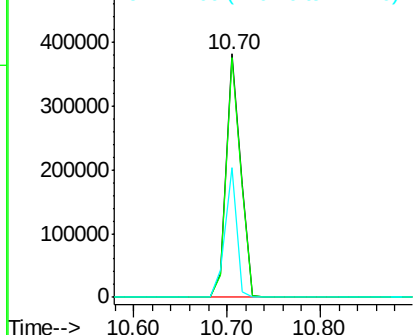
#41
 2,4,6-Tribromophenol
 Concen: 107.55 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF082673.D
 Acq: 3 Nov 2015 21:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-08(18-20)

Tgt Ion:330 Resp: 412381
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 114.8
 141 43.0 41.2 61.8

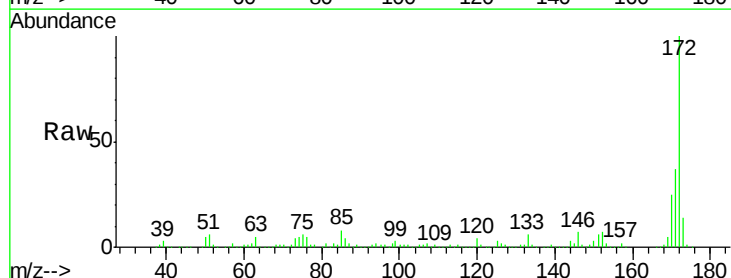


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

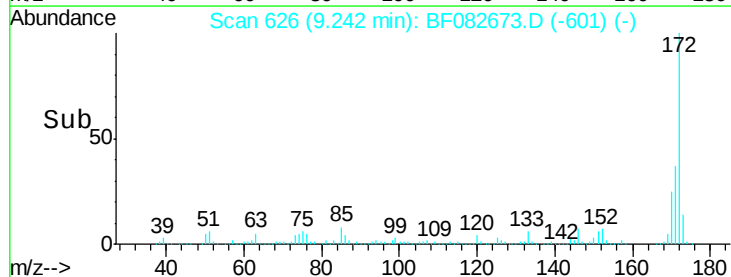
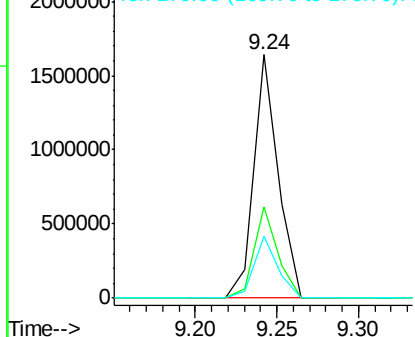


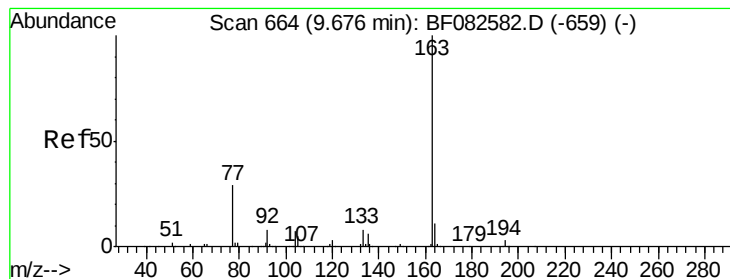
#44
 2-Fluorobiphenyl
 Concen: 68.64 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082673.D
 Acq: 3 Nov 2015 21:15

Tgt Ion:172 Resp: 1693761
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.8 46.2
 170 25.5 21.2 31.8



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: 13.66 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB-08(18-20)

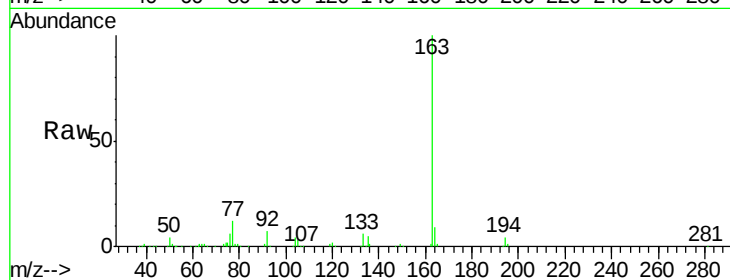
Tgt Ion:163 Resp: 390953

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

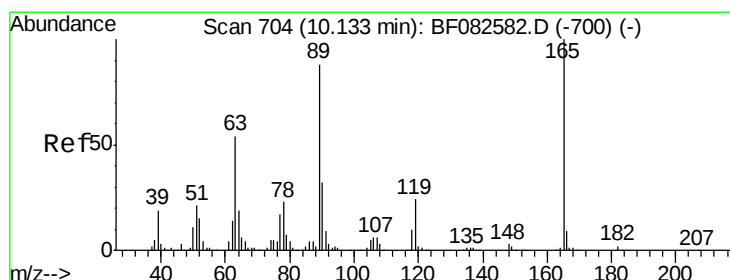
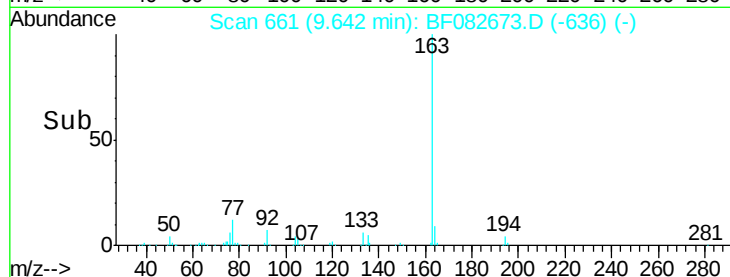
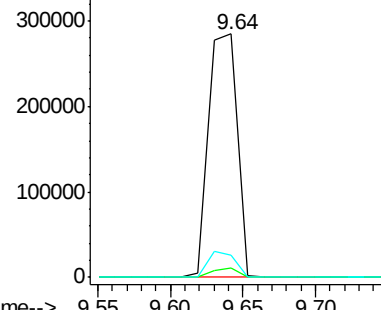
164 9.1 8.7 13.1



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: 5.70 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.19 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

Tgt Ion:165 Resp: 45737

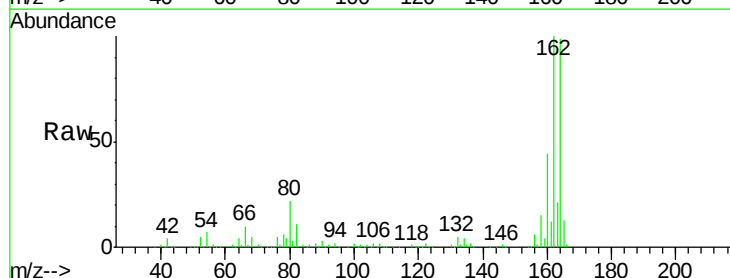
Ion Ratio Lower Upper

165 100

63 1.1 43.4 65.0#

89 1.7 70.6 106.0#

182 0.0 1.5 2.3#

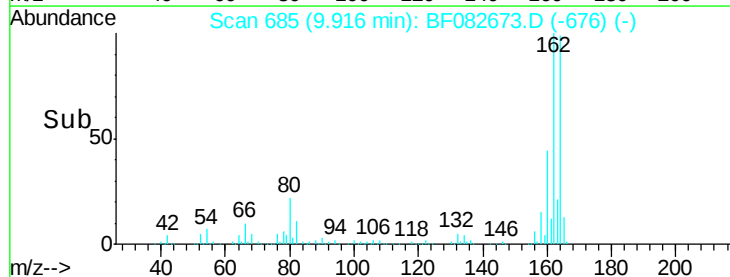
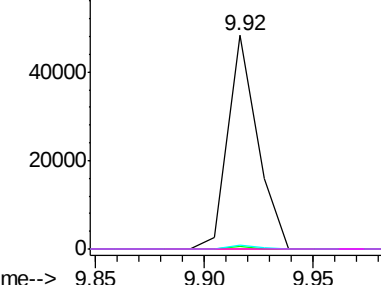


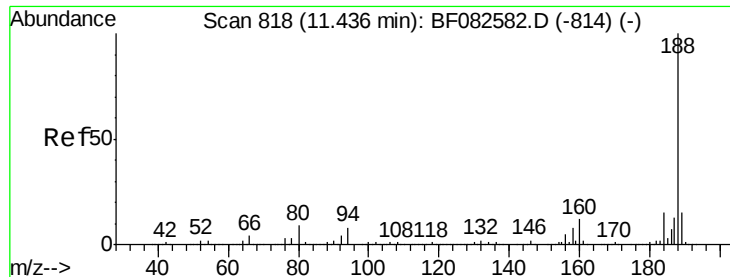
Abundance Ion 165.00 (164.70 to 165.70): E

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

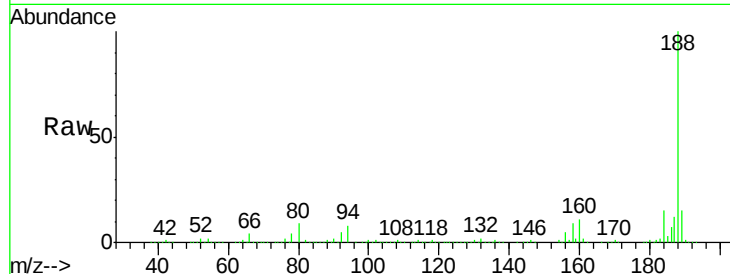




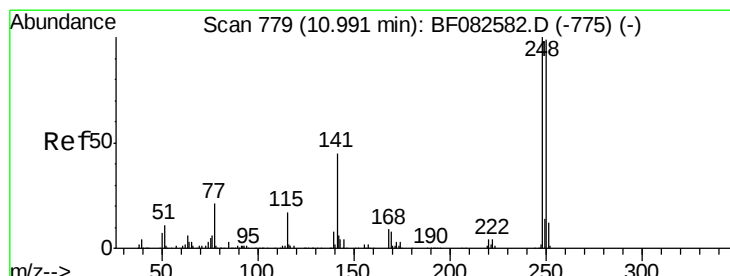
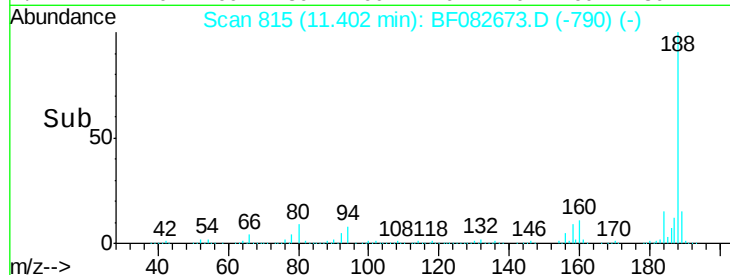
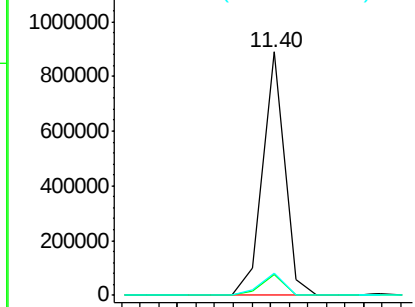
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082673.D
Acq: 3 Nov 2015 21:15

Instrument :
BNA_F
ClientSampleId :
SB-08(18-20)

Tgt Ion:188 Resp: 719341
Ion Ratio Lower Upper
188 100
94 8.5 6.1 9.1
80 9.0 7.0 10.6

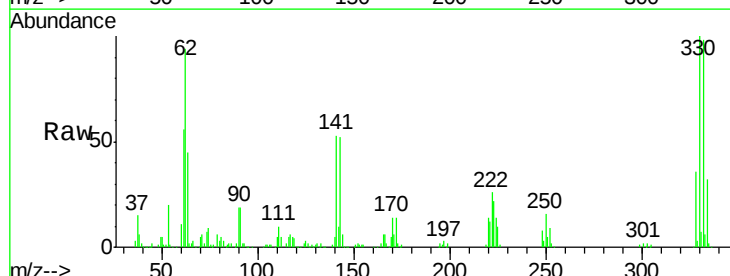


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

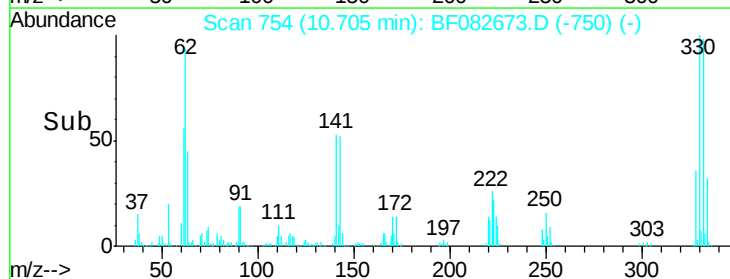
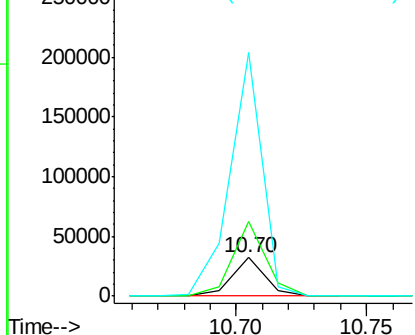


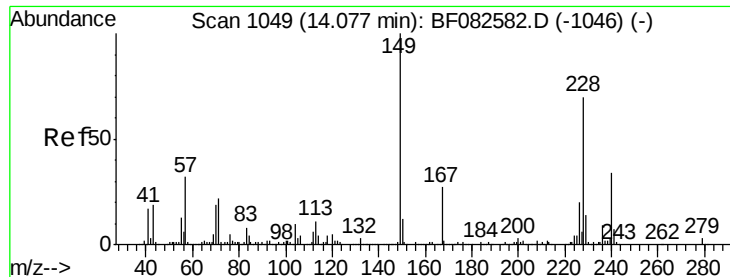
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF082673.D
Acq: 3 Nov 2015 21:15

Tgt Ion:248 Resp: 28509
Ion Ratio Lower Upper
248 100
250 196.5 79.4 119.2#
141 637.4 36.3 54.5#



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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB-08(18-20)

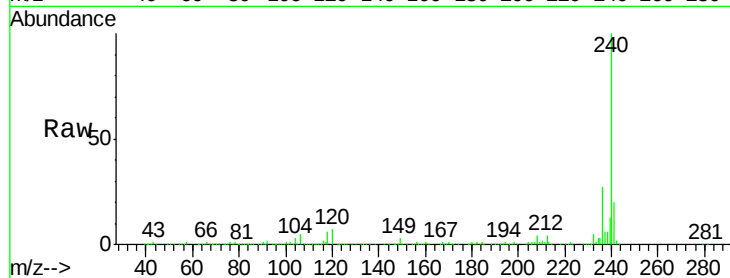
Tgt Ion:240 Resp: 572111

Ion Ratio Lower Upper

240 100

120 6.6 10.9 16.3#

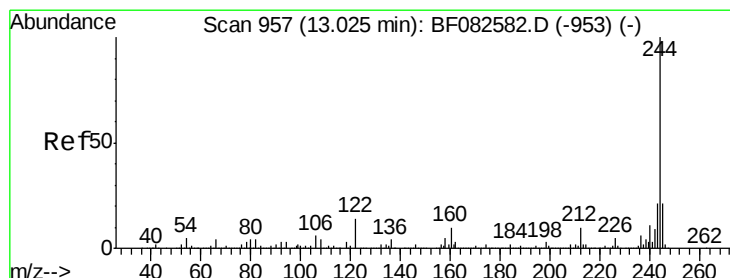
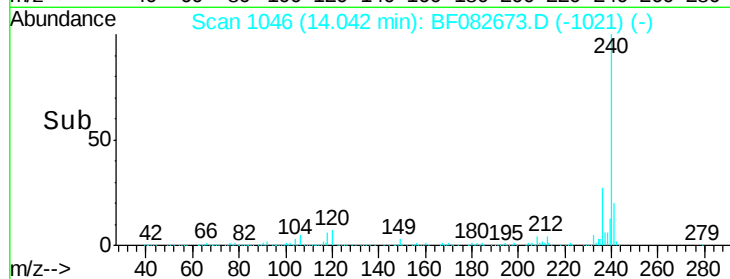
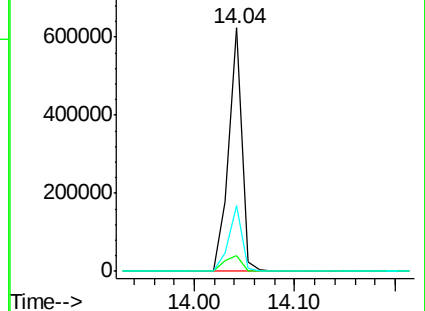
236 26.9 21.6 32.4



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: 69.69 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF082673.D

Acq: 3 Nov 2015 21:15

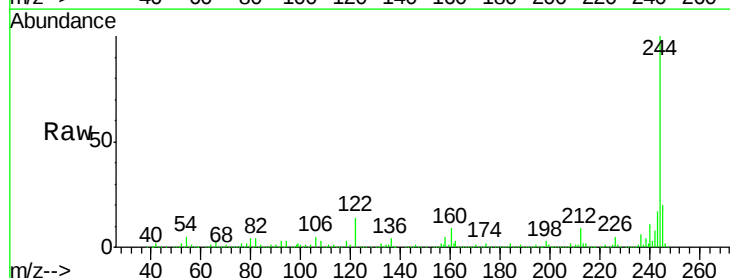
Tgt Ion:244 Resp: 1821932

Ion Ratio Lower Upper

244 100

212 8.8 7.6 11.4

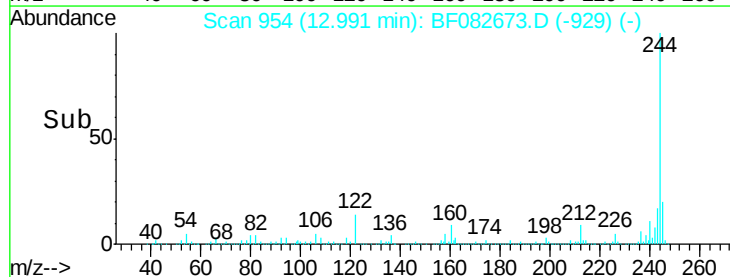
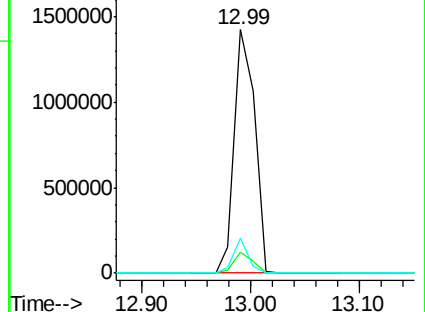
122 14.1 11.3 16.9

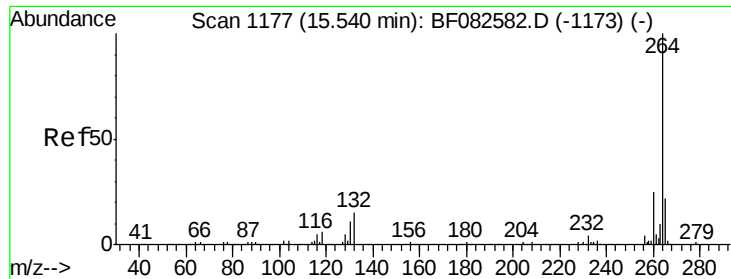


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

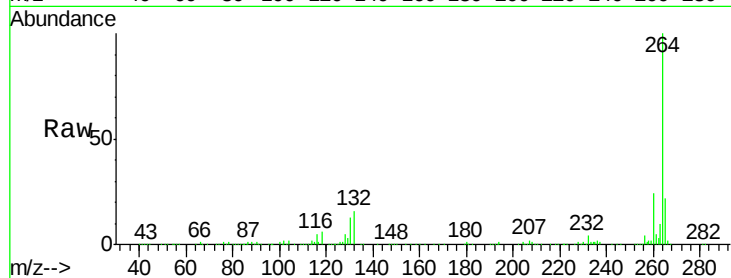




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082673.D
Acq: 3 Nov 2015 21:15

Instrument :
BNA_F
ClientSampleId :
SB-08(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.1	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

