

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082724.D
 Acq On : 5 Nov 2015 12:41
 Operator : UM/IZ
 Sample : G4241-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(18-20)

Quant Time: Nov 06 01:11:22 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

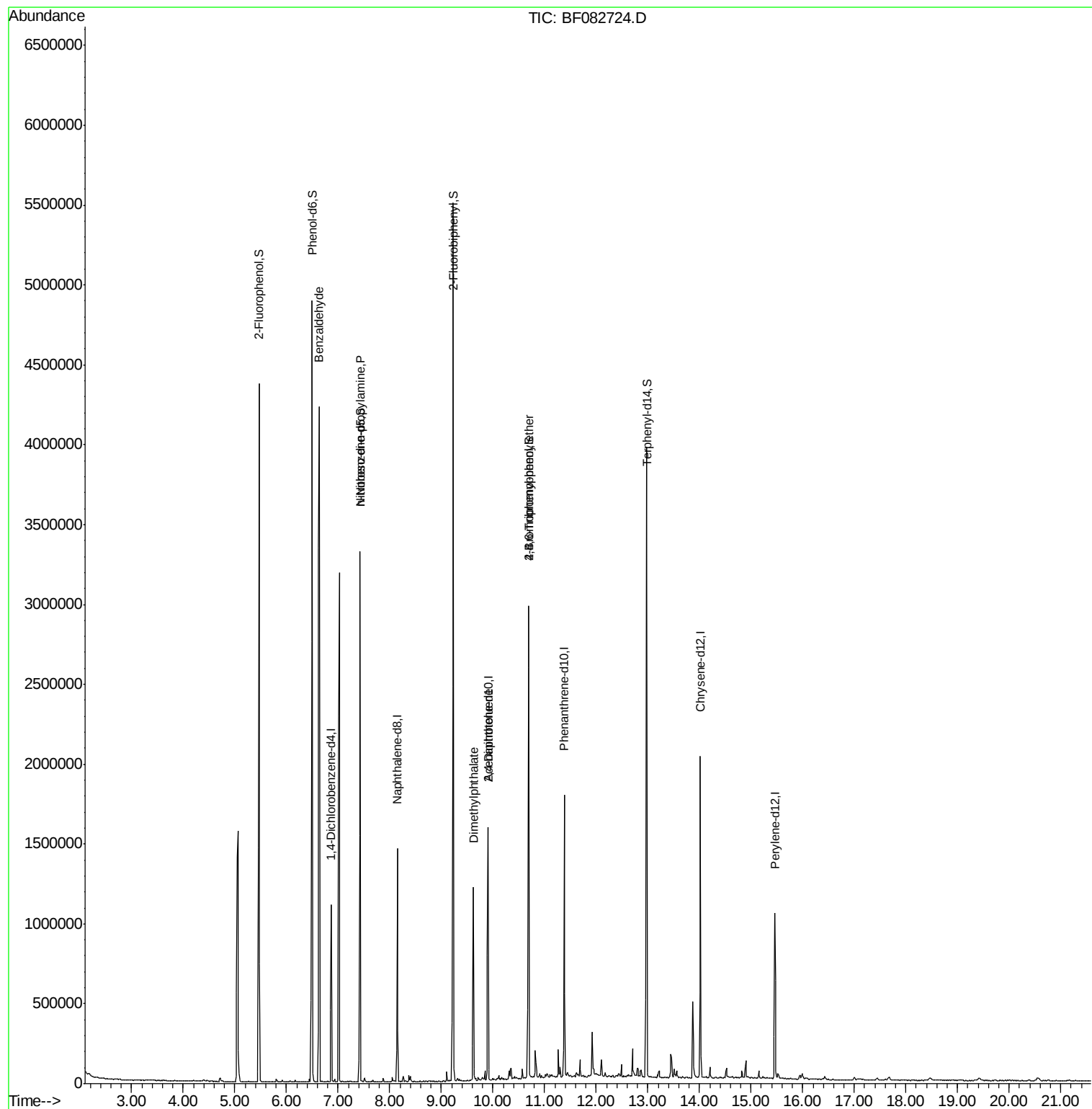
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175601	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	629247	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	362411	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	661382	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	679996	20.00	ng	-0.03
86) Perylene-d12	15.46	264	539379	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1203303	103.21	ng	0.00
7) Phenol-d6	6.50	99	1866415	120.50	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1219676	79.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	528653	133.29	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1867565	73.17	ng	-0.02
78) Terphenyl-d14	12.98	244	1841448	59.26	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	40073	3.79	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.42	70	170253	14.50	ng	# 69
49) Dimethylphthalate	9.62	163	447469	15.12	ng	99
56) 2,4-Dinitrotoluene	9.90	165	45758	5.52	ng	# 16
66) 4-Bromophenyl-phenylether	10.69	248	37129	4.95	ng	# 1

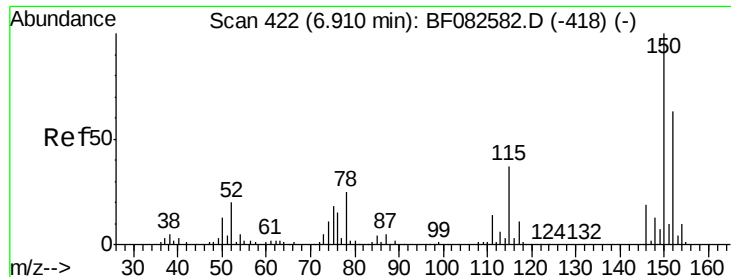
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082724.D
Acq On : 5 Nov 2015 12:41
Operator : UM/IZ
Sample : G4241-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-11(18-20)

Quant Time: Nov 06 01:11:22 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: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Instrument :

BNA_F

ClientSampleId :

SB-11(18-20)

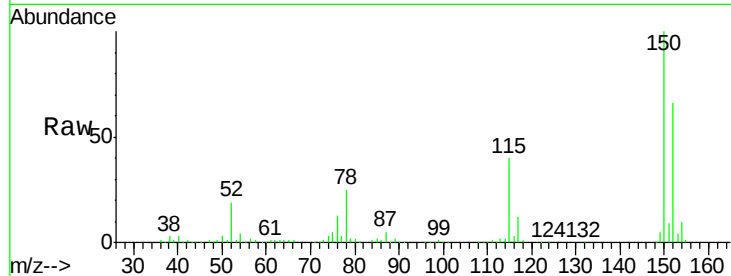
Tgt Ion:152 Resp: 175601

Ion Ratio Lower Upper

152 100

150 152.2 127.0 190.4

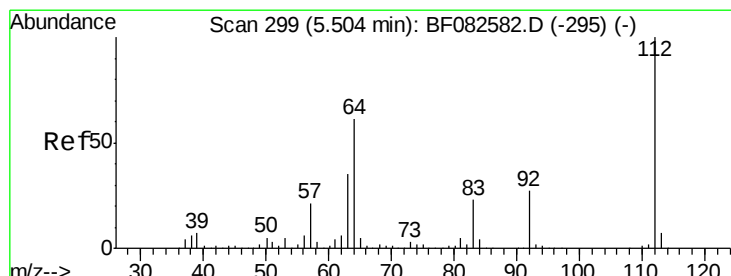
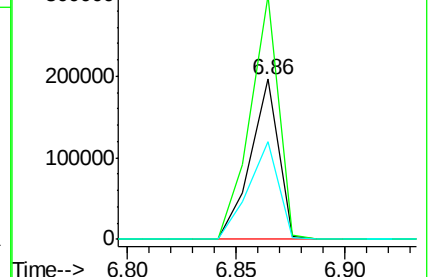
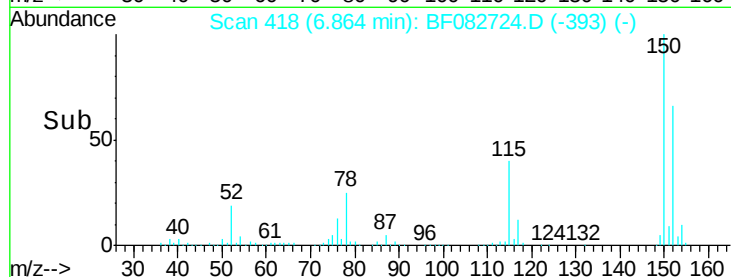
115 60.8 47.0 70.6



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: 103.21 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

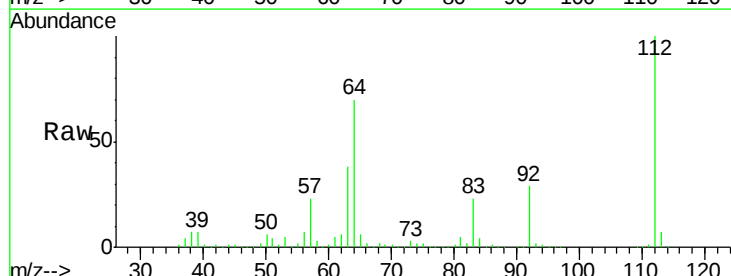
Tgt Ion:112 Resp: 1203303

Ion Ratio Lower Upper

112 100

64 69.6 48.9 73.3

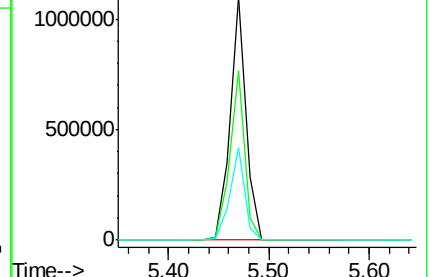
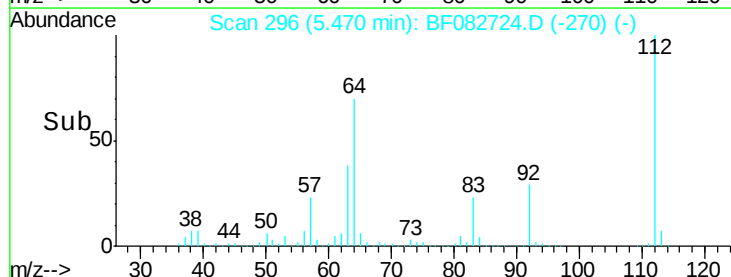
63 38.1 28.1 42.1



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: 120.50 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Instrument :

BNA_F

ClientSampleId :

SB-11(18-20)

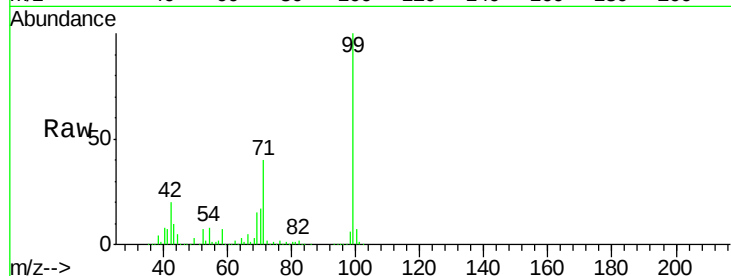
Tgt Ion: 99 Resp: 1866415

Ion Ratio Lower Upper

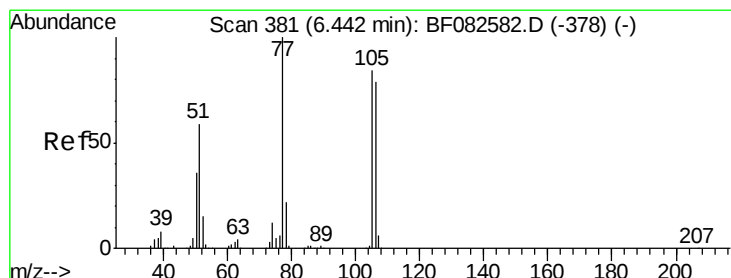
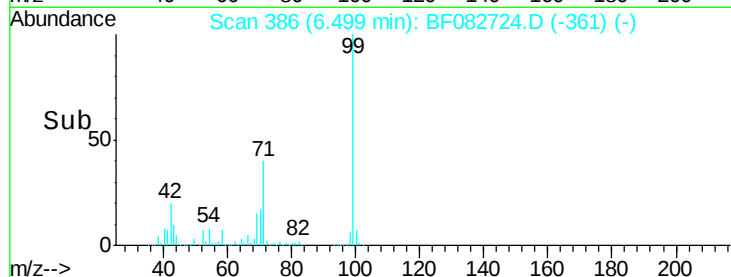
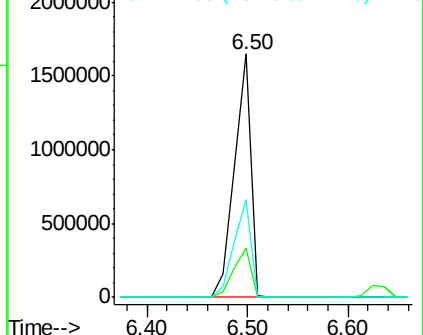
99 100

42 20.1 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: 3.79 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

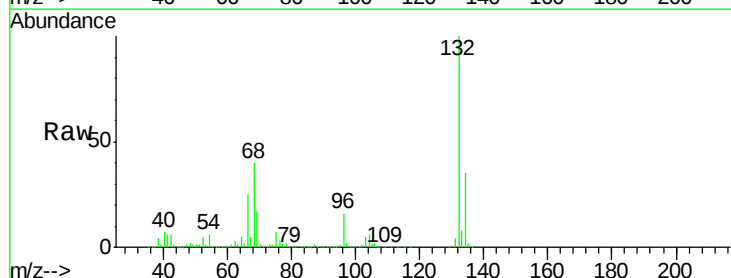
Tgt Ion: 77 Resp: 40073

Ion Ratio Lower Upper

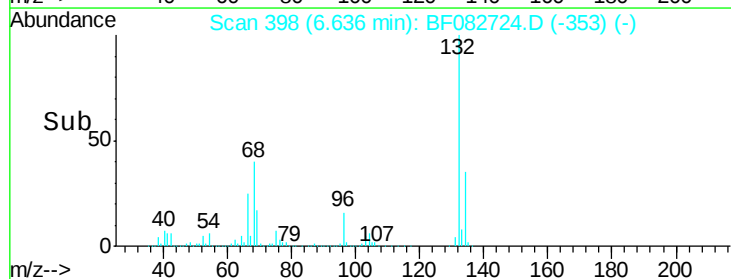
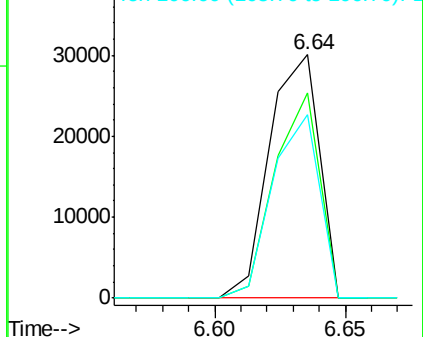
77 100

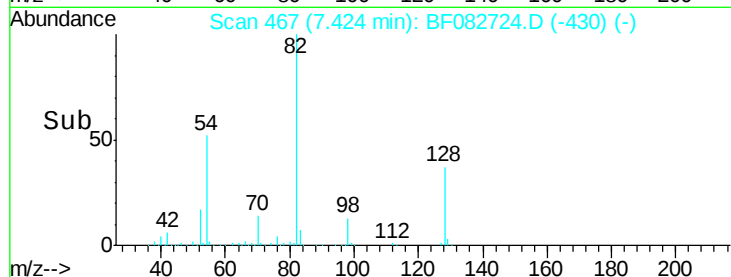
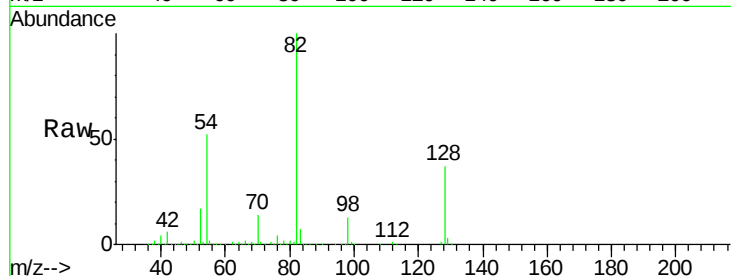
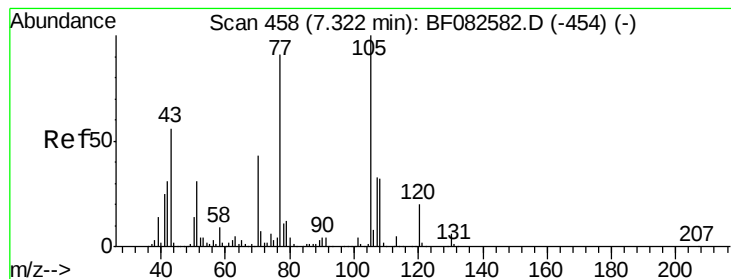
105 84.5 63.5 103.5

106 75.1 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: 14.50 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Instrument :

BNA_F

ClientSampleId :

SB-11(18-20)

Tgt Ion: 70 Resp: 170253

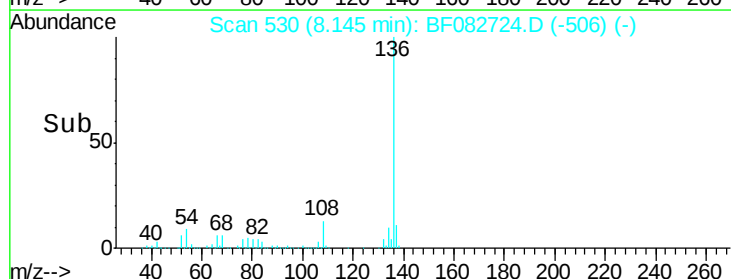
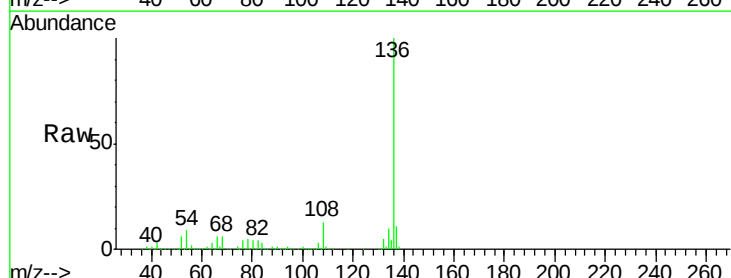
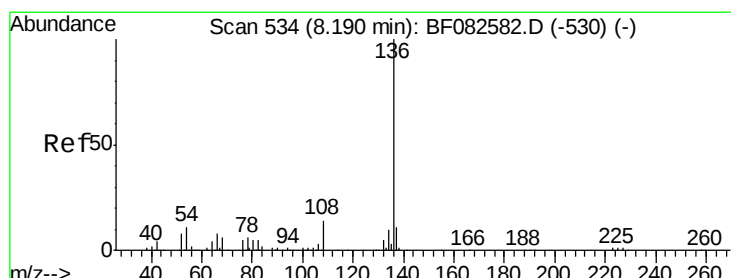
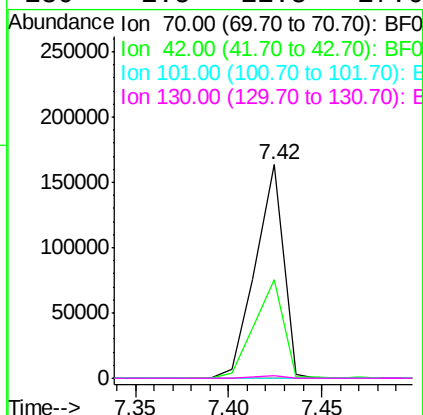
Ion Ratio Lower Upper

70 100

42 46.1 57.7 86.5#

101 0.0 7.0 10.6#

130 1.5 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Tgt Ion: 136 Resp: 629247

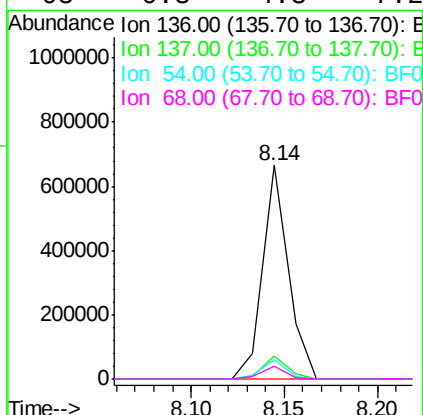
Ion Ratio Lower Upper

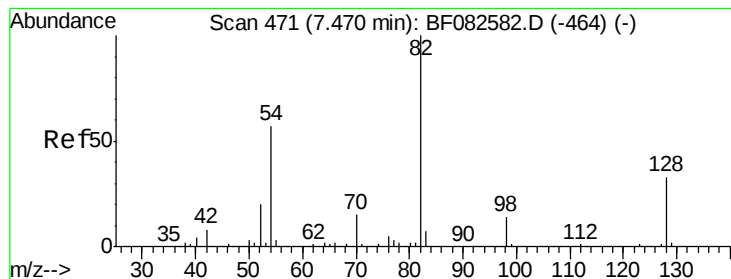
136 100

137 10.9 9.1 13.7

54 9.3 9.1 13.7

68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 79.15 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Instrument :

BNA_F

ClientSampleId :

SB-11(18-20)

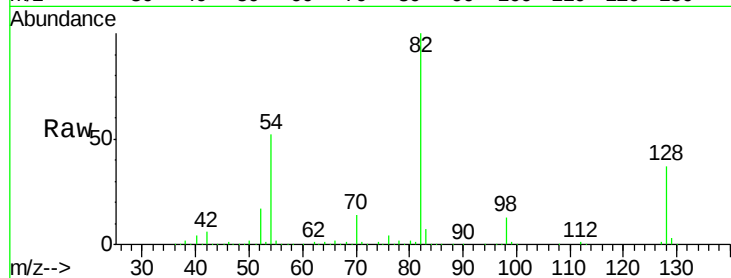
Tgt Ion: 82 Resp: 1219676

Ion Ratio Lower Upper

82 100

128 37.4 26.8 40.2

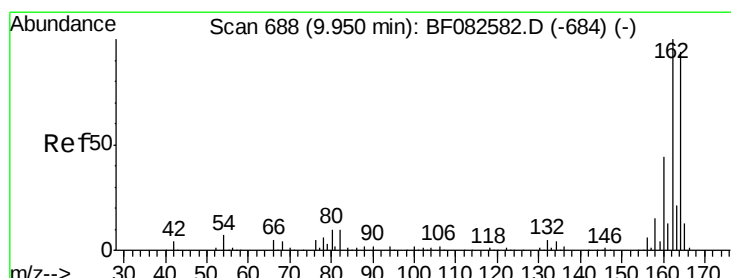
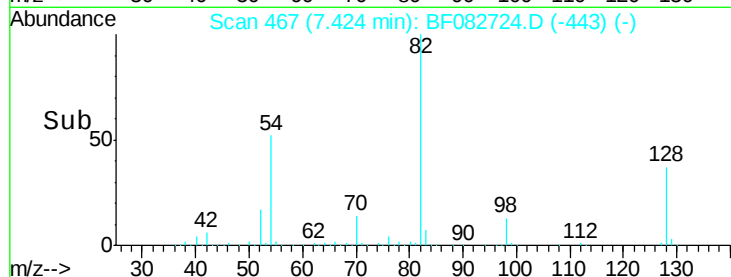
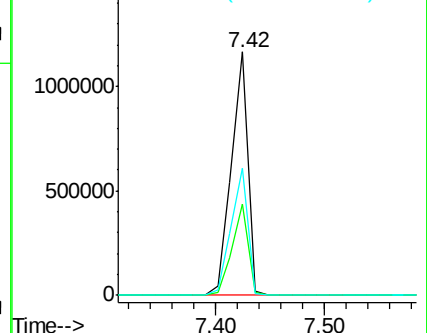
54 52.2 45.7 68.5



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: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

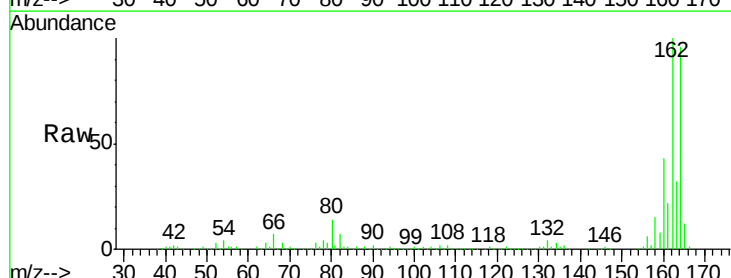
Tgt Ion: 164 Resp: 362411

Ion Ratio Lower Upper

164 100

162 104.6 84.9 127.3

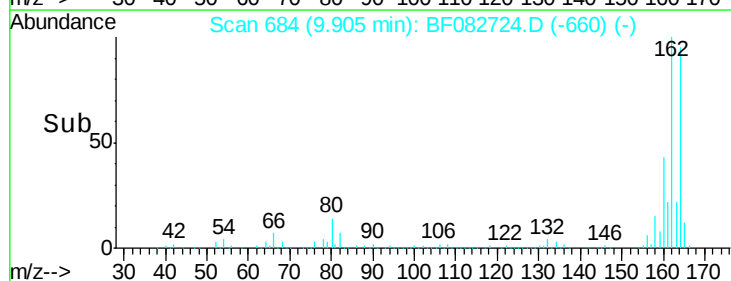
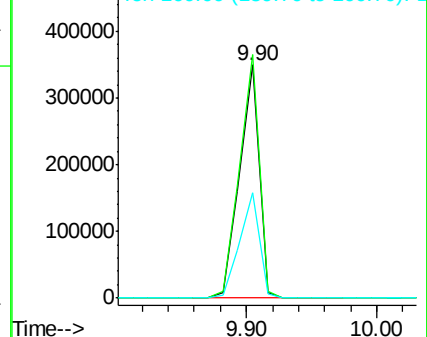
160 45.3 37.5 56.3

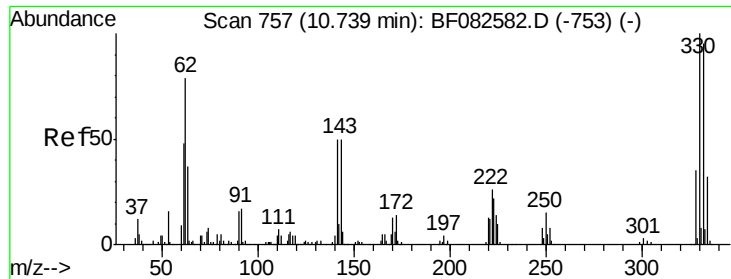


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

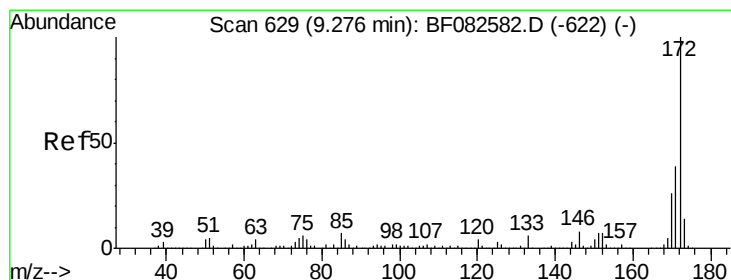
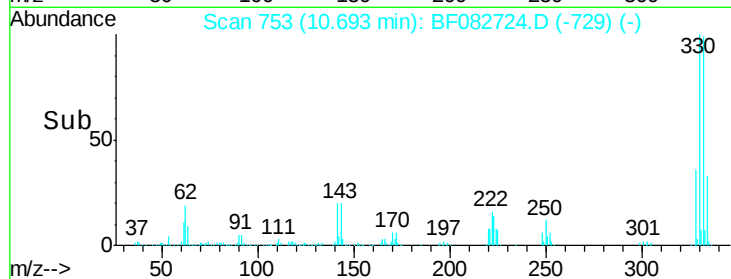
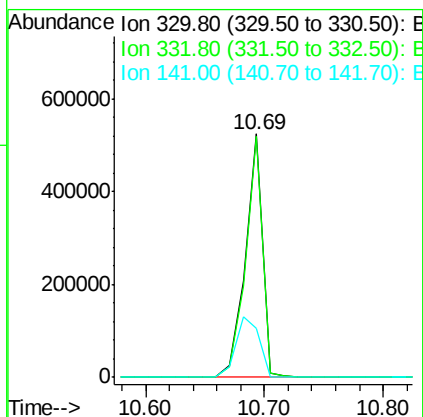
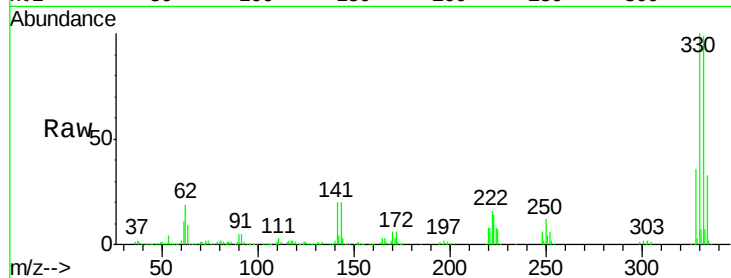




#41
 2,4,6-Tribromophenol
 Concen: 133.29 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082724.D
 Acq: 5 Nov 2015 12:41

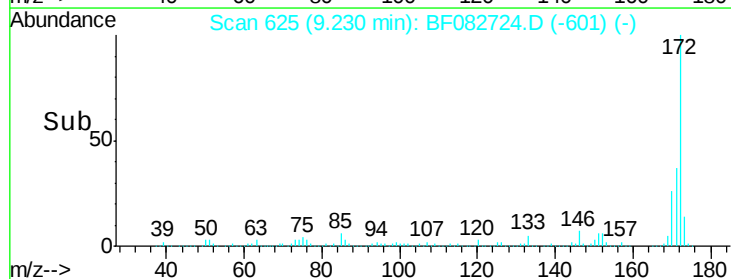
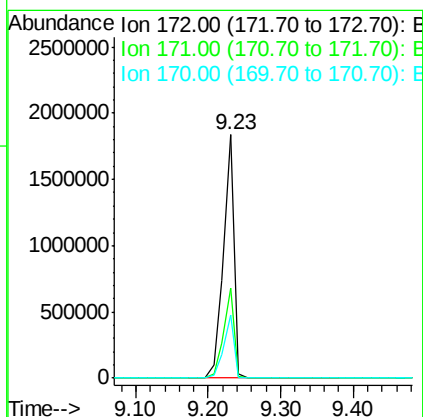
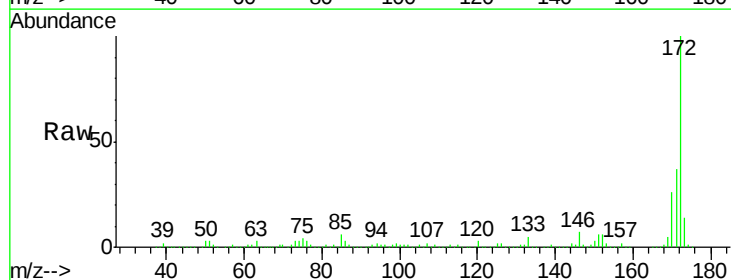
Instrument :
 BNA_F
 ClientSampleId :
 SB-11(18-20)

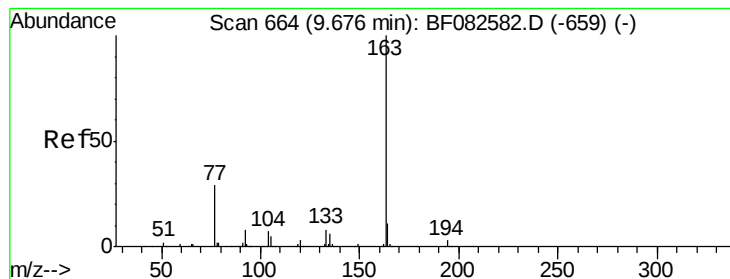
Tgt Ion:330 Resp: 528653
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 114.8
 141 34.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 73.17 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082724.D
 Acq: 5 Nov 2015 12:41

Tgt Ion:172 Resp: 1867565
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.8 21.2 31.8





#49

Dimethylphthalate

Concen: 15.12 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Instrument :

BNA_F

ClientSampleId :

SB-11(18-20)

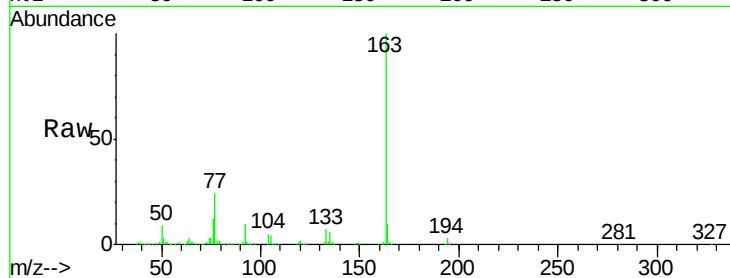
Tgt Ion:163 Resp: 447469

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

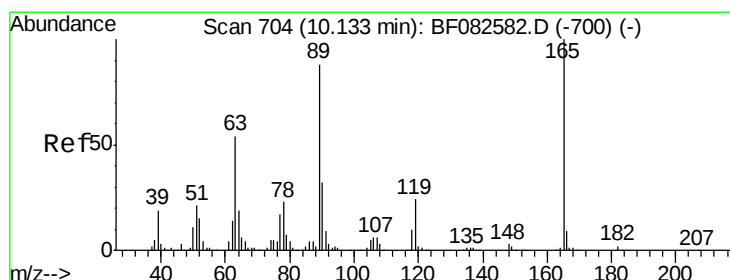
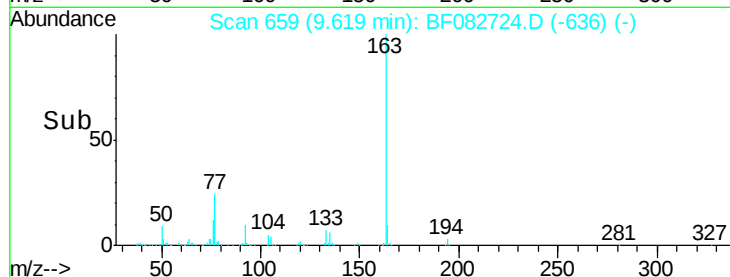
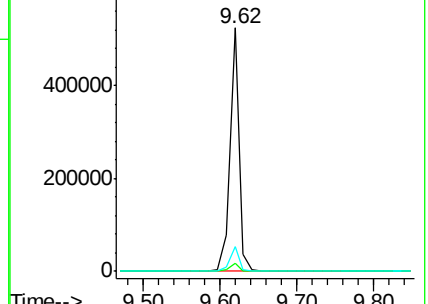
164 10.3 8.7 13.1



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: 5.52 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Tgt Ion:165 Resp: 45758

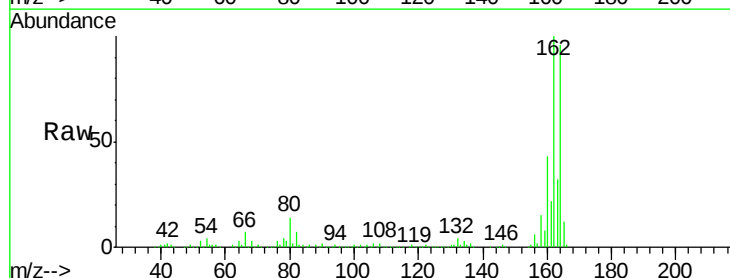
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 2.3 70.6 106.0#

182 0.0 1.5 2.3#

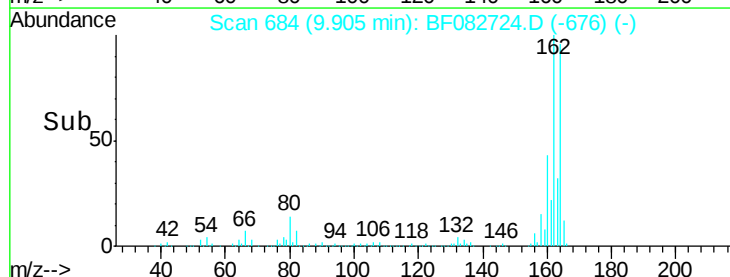
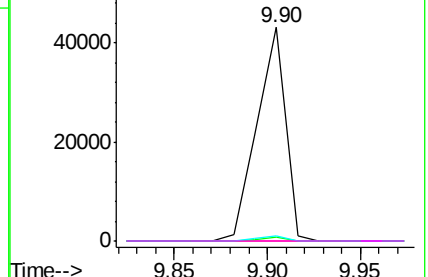


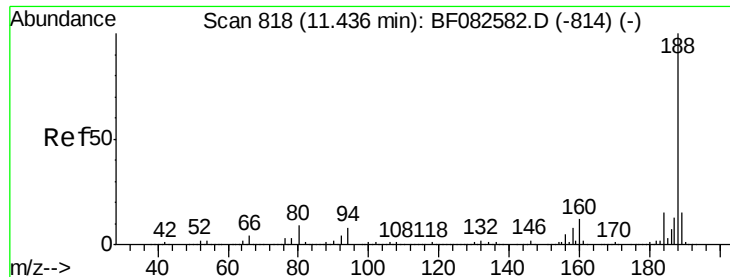
Abundance Ion 165.00 (164.70 to 165.70): E

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

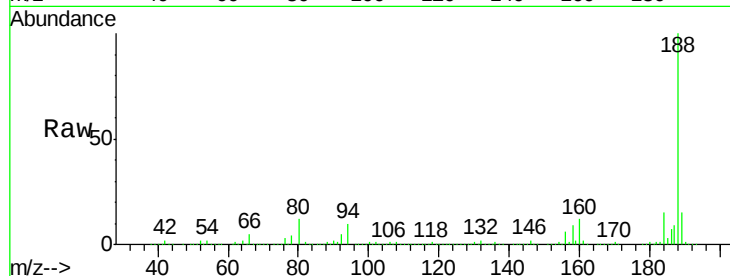




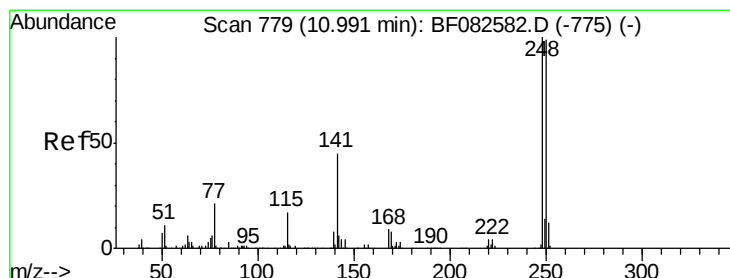
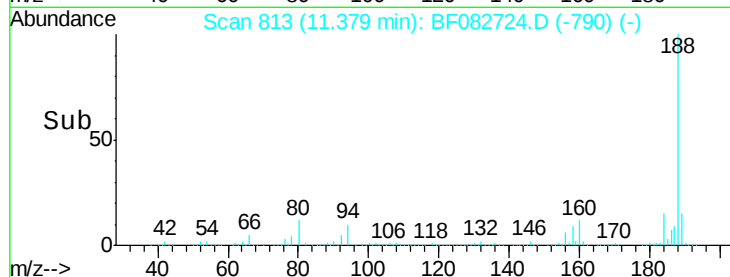
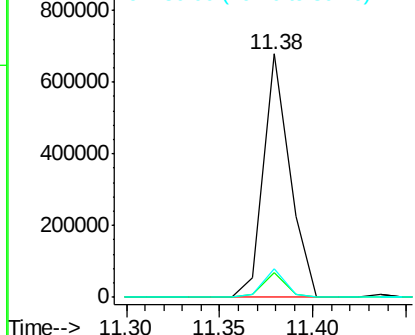
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082724.D
Acq: 5 Nov 2015 12:41

Instrument :
BNA_F
ClientSampleId :
SB-11(18-20)

Tgt Ion:188 Resp: 661382
Ion Ratio Lower Upper
188 100
94 10.0 6.1 9.1#
80 11.7 7.0 10.6#

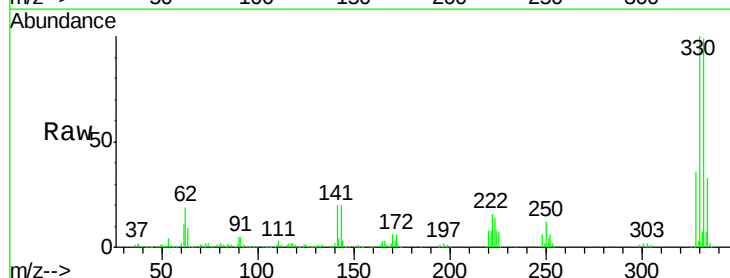


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

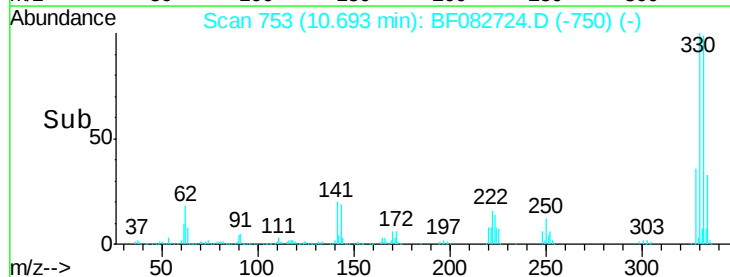
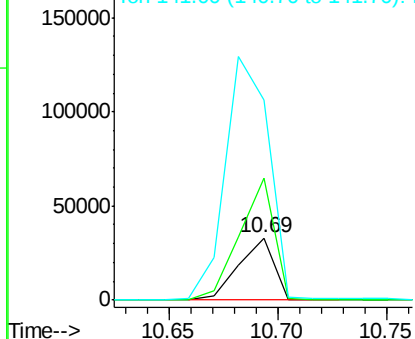


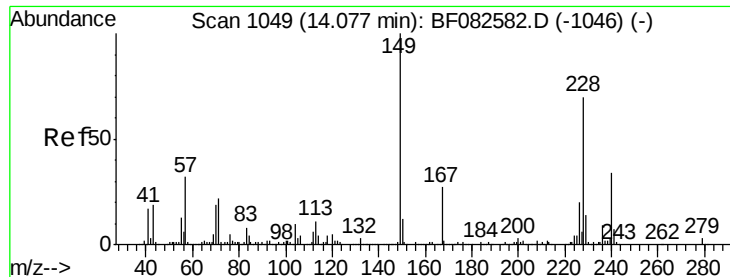
#66
4-Bromophenyl-phenylether
Concen: 4.95 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082724.D
Acq: 5 Nov 2015 12:41

Tgt Ion:248 Resp: 37129
Ion Ratio Lower Upper
248 100
250 196.5 79.4 119.2#
141 319.7 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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

Instrument :

BNA_F

ClientSampleId :

SB-11(18-20)

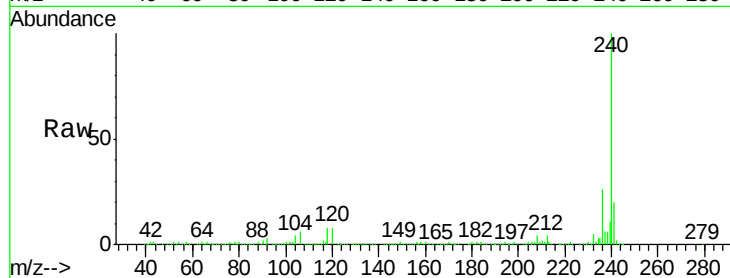
Tgt Ion:240 Resp: 679996

Ion Ratio Lower Upper

240 100

120 8.0 10.9 16.3#

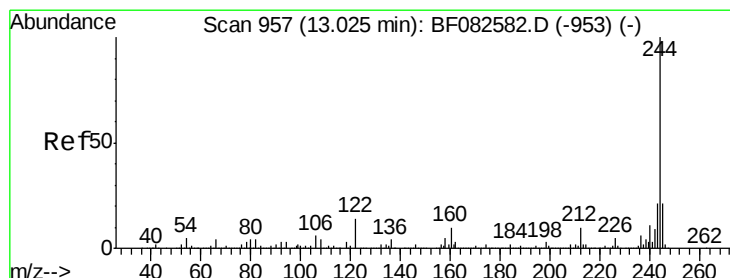
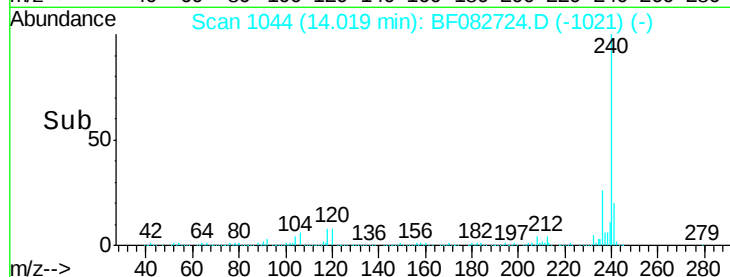
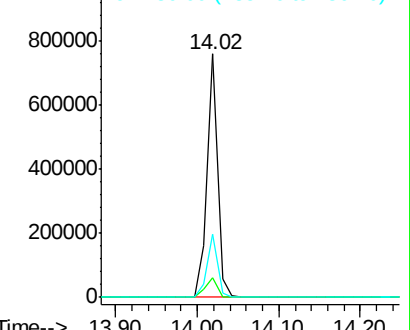
236 25.7 21.6 32.4



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: 59.26 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082724.D

Acq: 5 Nov 2015 12:41

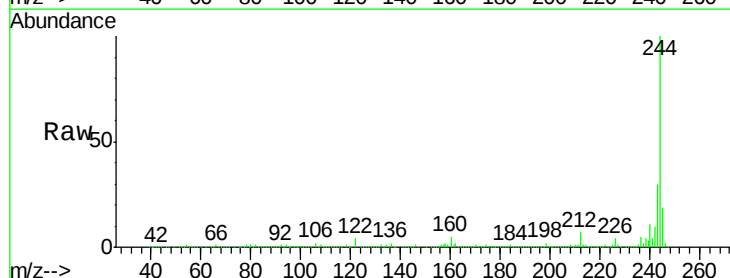
Tgt Ion:244 Resp: 1841448

Ion Ratio Lower Upper

244 100

212 7.1 7.6 11.4#

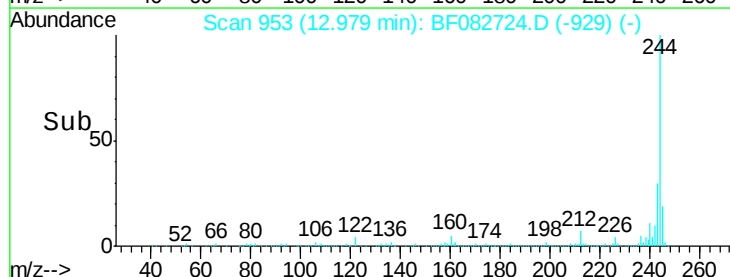
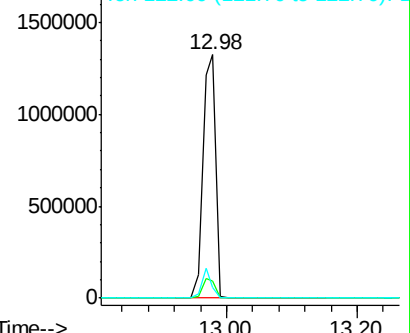
122 4.4 11.3 16.9#

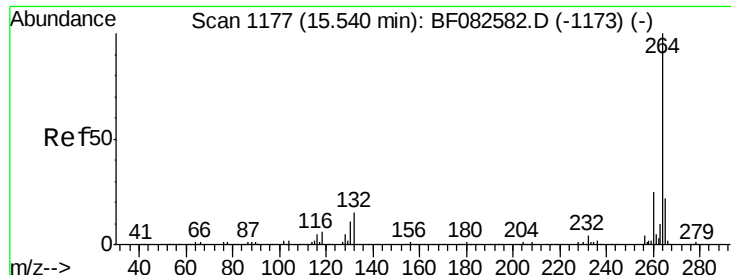


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

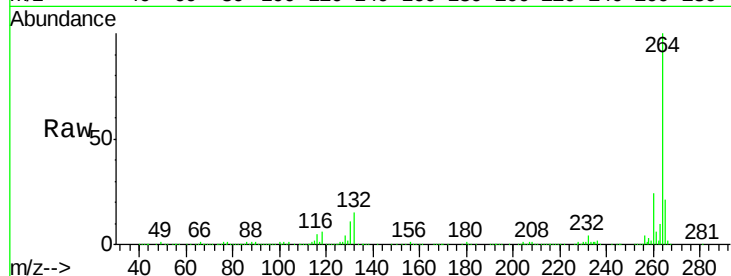




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082724.D
Acq: 5 Nov 2015 12:41

Instrument :
BNA_F
ClientSampleId :
SB-11(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.0	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

