

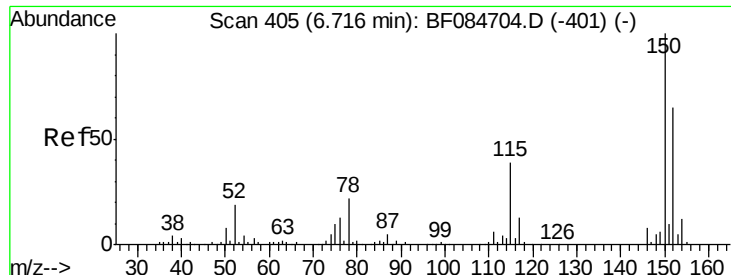
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084852.D
 Acq On : 5 Feb 2016 2:15
 Operator : SJ/IZ
 Sample : H1320-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(15-17)

Quant Time: Feb 05 03:40:39 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	6.67	152	151838	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	658973	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	280048	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	404260	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	319324	20.00	ng	-0.02
86) Perylene-d12	15.20	264	338760	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1475253	151.34	ng	0.00
7) Phenol-d6	6.33	99	1527341	126.38	ng	-0.01
23) Nitrobenzene-d5	7.24	82	967576	82.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	323324	110.68	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1349711	79.37	ng	-0.02
78) Terphenyl-d14	12.77	244	848496	60.21	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.83	79	18313	2.19	ng	# 48
19) n-Nitroso-di-n-propylamine	7.24	70	132370	17.47	ng	# 71
49) Dimethylphthalate	9.44	163	297149	13.93	ng	# 90
56) 2,4-Dinitrotoluene	9.71	165	37763	6.35	ng	# 22
66) 4-Bromophenyl-phenylether	10.50	248	21557	4.83	ng	# 1
70) Phenanthrene	11.21	178	96645	4.31	ng	99
74) Fluoranthene	12.40	202	74416	3.28	ng	94
77) Pyrene	12.63	202	62840	2.57	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

Instrument :

BNA_F

ClientSampleId :

S4-B013(15-17)

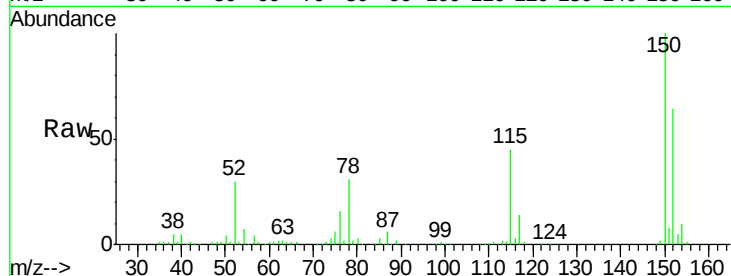
Tgt Ion:152 Resp: 151838

Ion Ratio Lower Upper

152 100

150 157.2 123.0 184.4

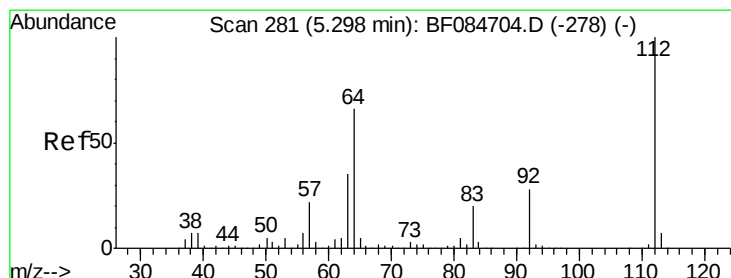
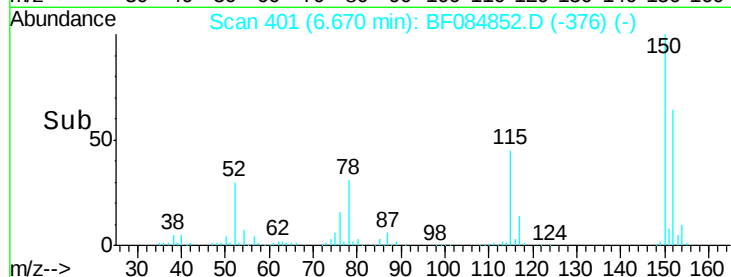
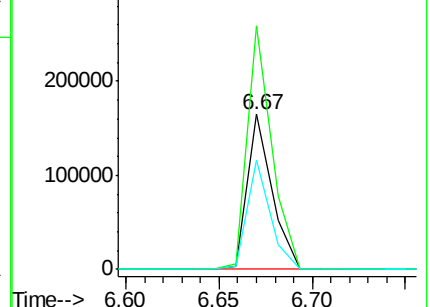
115 70.8 51.4 77.2



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: 151.34 ng

RT: 5.28 min Scan# 279

Delta R.T. 0.00 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

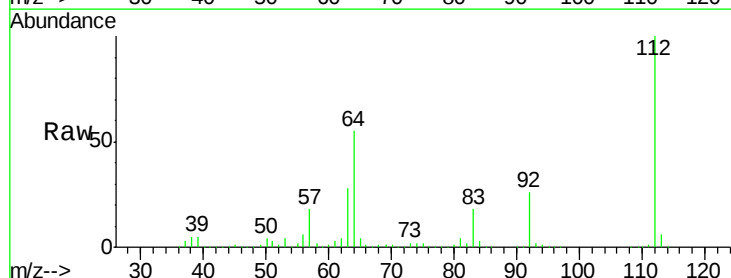
Tgt Ion:112 Resp: 1475253

Ion Ratio Lower Upper

112 100

64 54.9 36.6 55.0

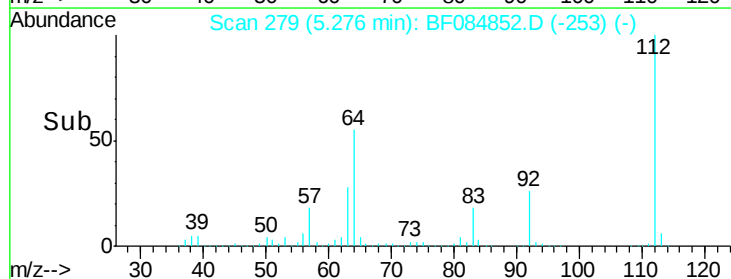
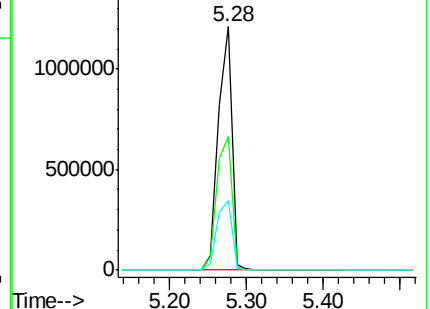
63 28.4 19.4 29.0

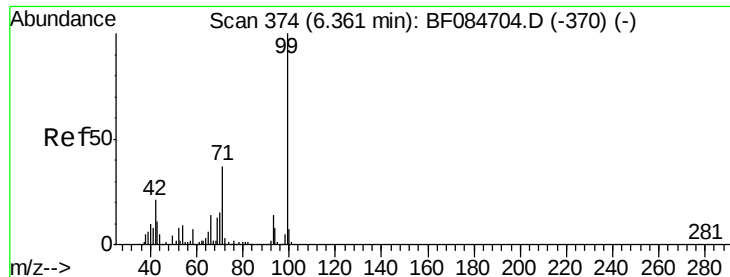


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.38 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

Instrument :

BNA_F

ClientSampleId :

S4-B013(15-17)

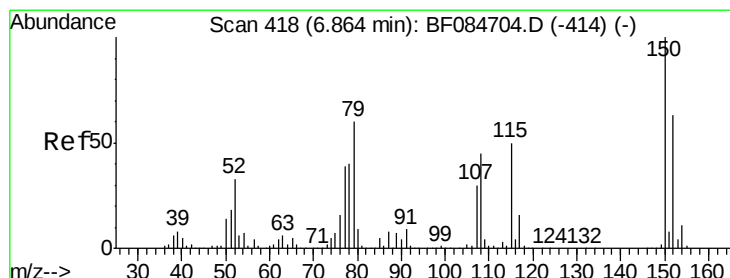
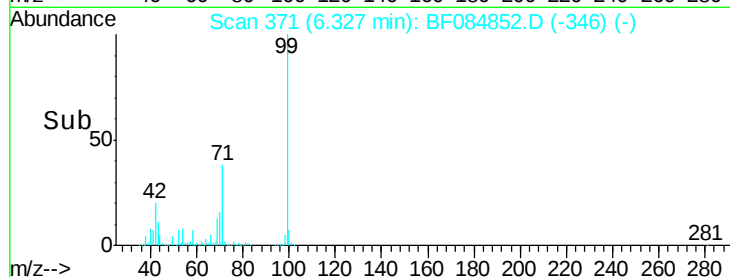
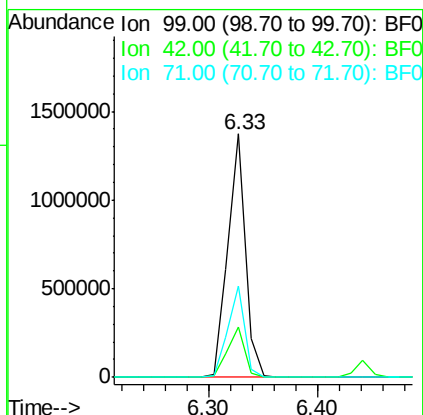
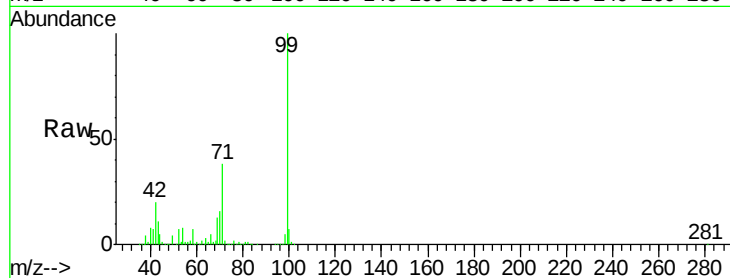
Tgt Ion: 99 Resp: 1527341

Ion Ratio Lower Upper

99 100

42 20.4 12.8 19.2#

71 37.6 30.9 46.3



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

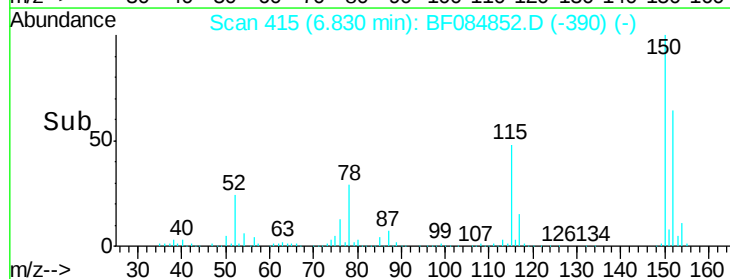
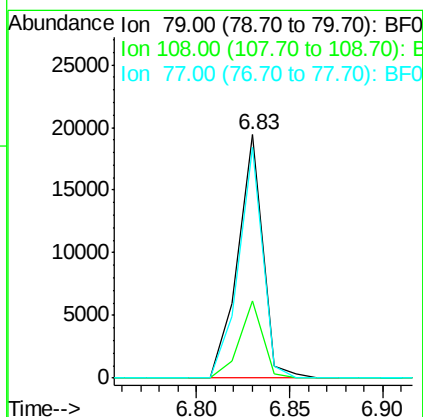
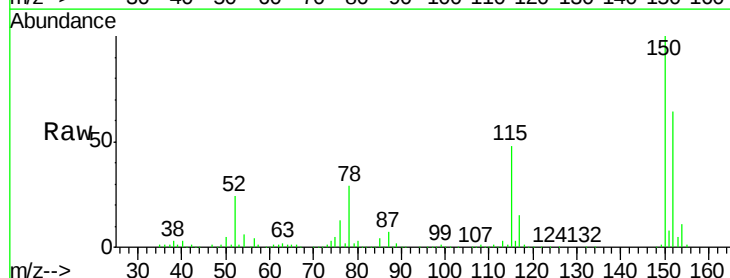
Tgt Ion: 79 Resp: 18313

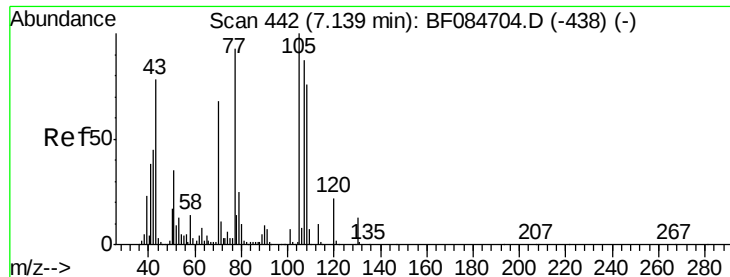
Ion Ratio Lower Upper

79 100

108 31.6 69.0 103.4#

77 95.0 50.0 75.0#

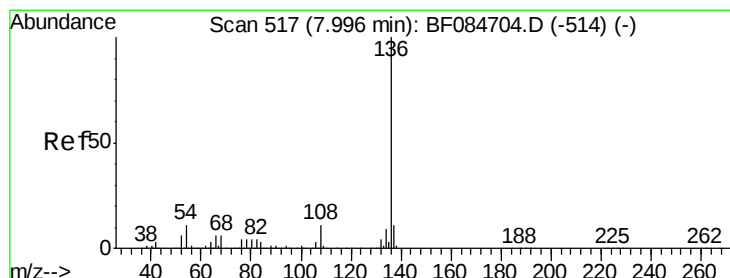
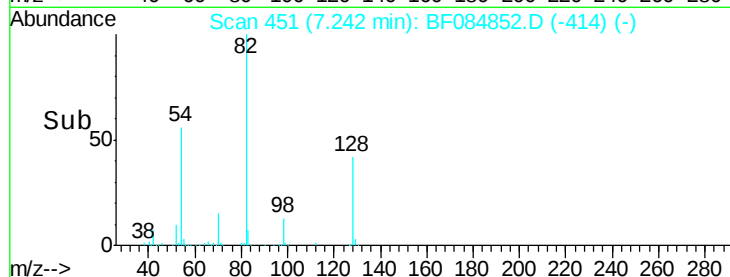
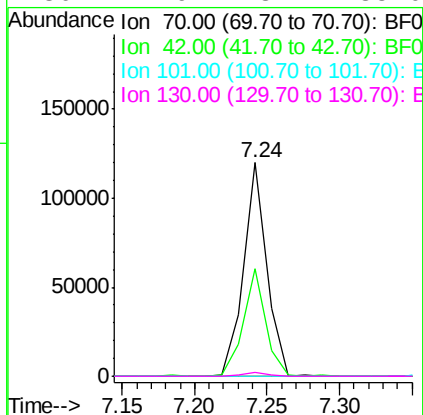
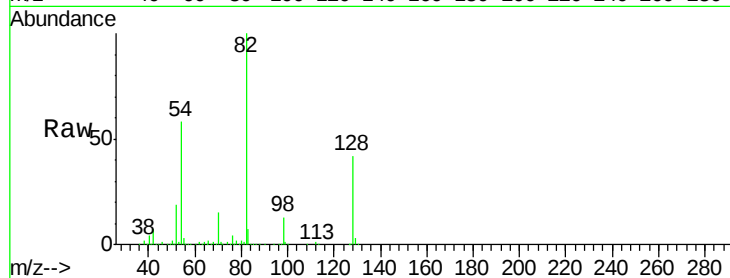




#19
n-Nitroso-di-n-propylamine
Concen: 17.47 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084852.D
Acq: 5 Feb 2016 2:15

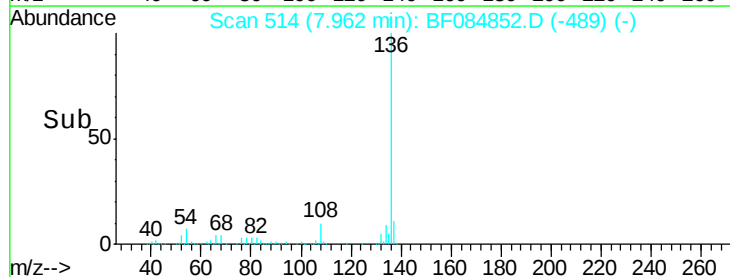
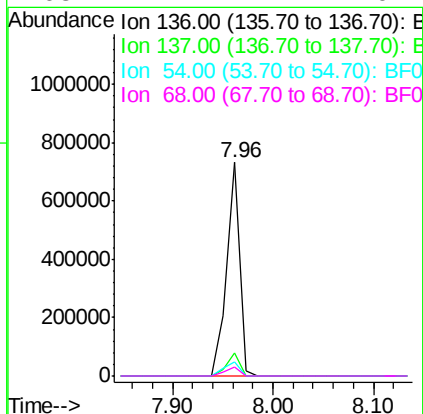
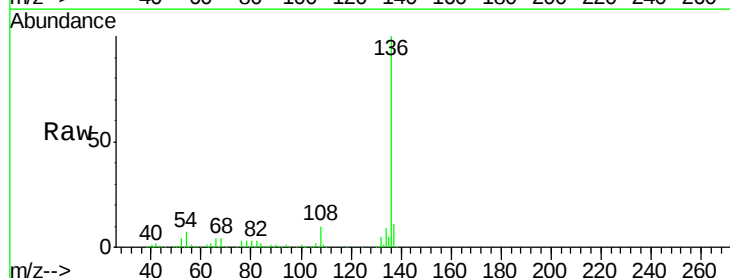
Instrument :
BNA_F
ClientSampleId :
S4-B013(15-17)

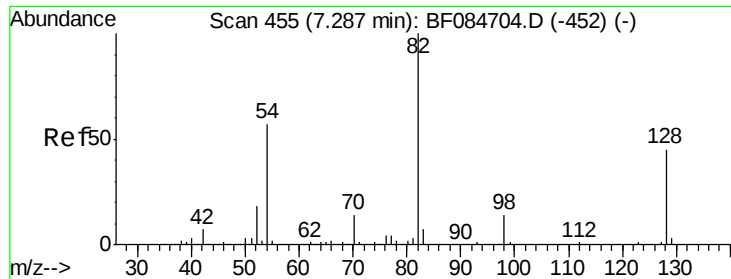
Tgt Ion: 70 Resp: 132370
Ion Ratio Lower Upper
70 100
42 50.4 33.3 49.9#
101 0.0 9.3 13.9#
130 1.9 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084852.D
Acq: 5 Feb 2016 2:15

Tgt Ion:136 Resp: 658973
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.9 5.8 8.8
68 4.1 4.2 6.2#

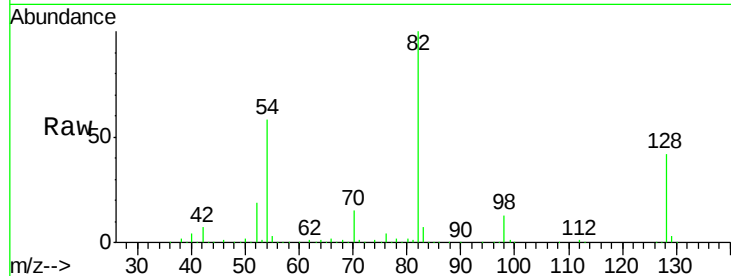




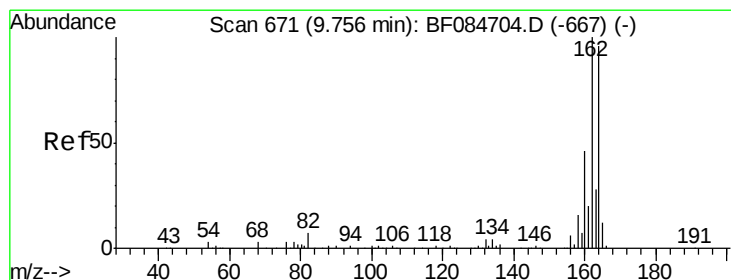
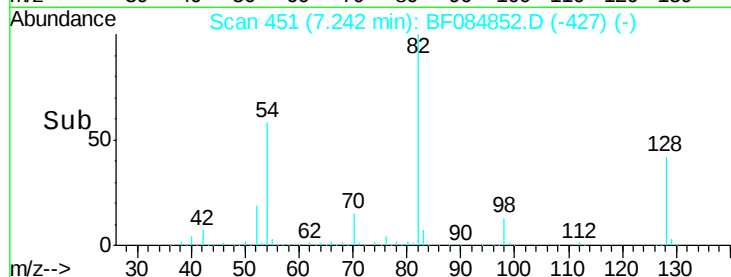
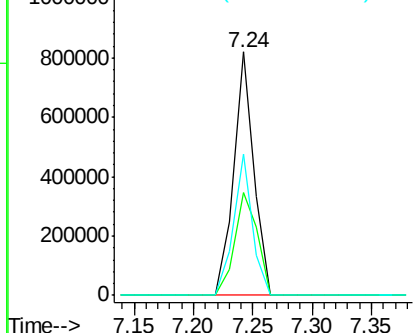
#23
 Nitrobenzene-d5
 Concen: 82.71 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084852.D
 Acq: 5 Feb 2016 2:15

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(15-17)

Tgt Ion: 82 Resp: 967576
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 51.8
 54 57.9 38.4 57.6#

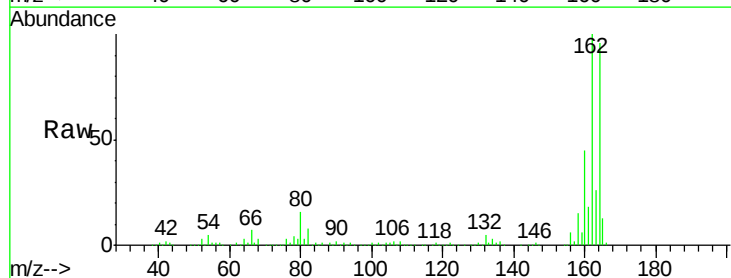


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

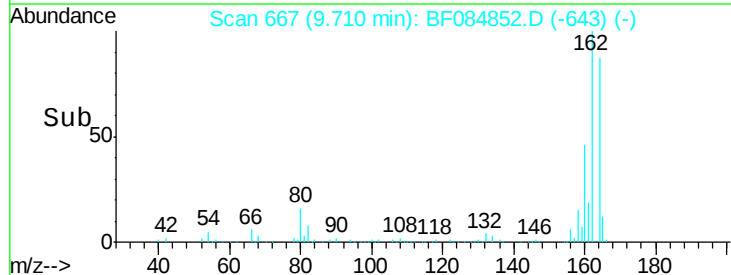
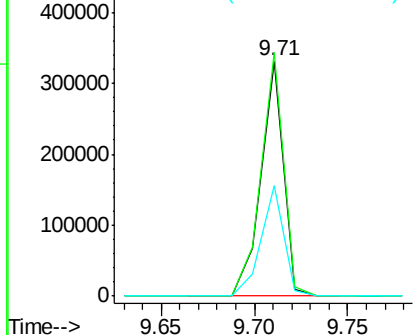


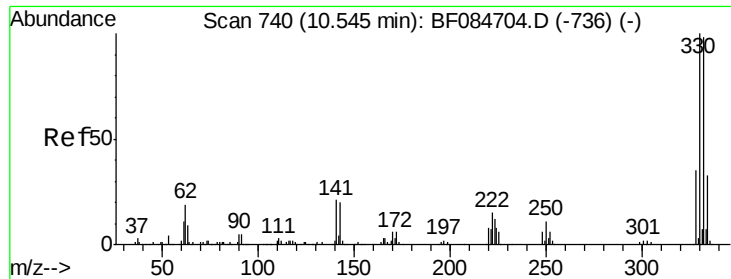
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084852.D
 Acq: 5 Feb 2016 2:15

Tgt Ion: 164 Resp: 280048
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 47.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

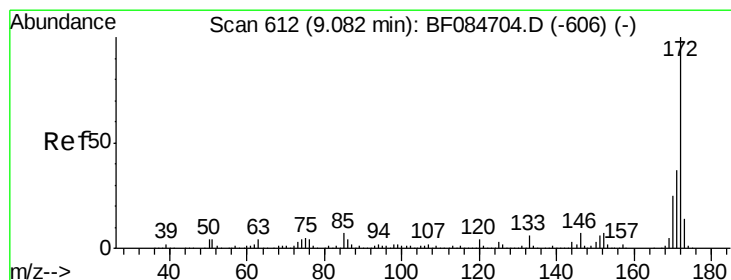
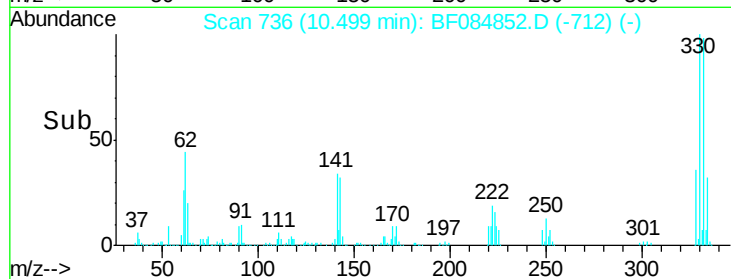
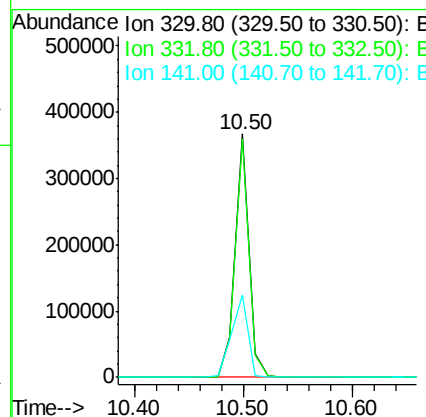
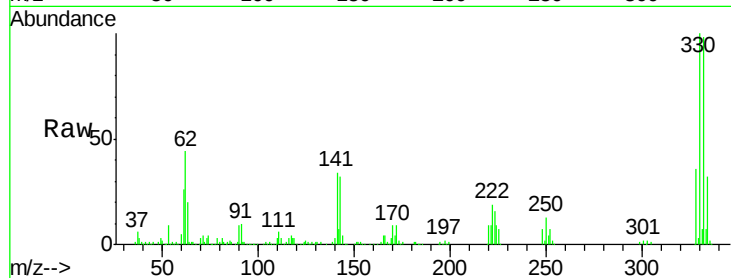




#41
 2,4,6-Tribromophenol
 Concen: 110.68 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084852.D
 Acq: 5 Feb 2016 2:15

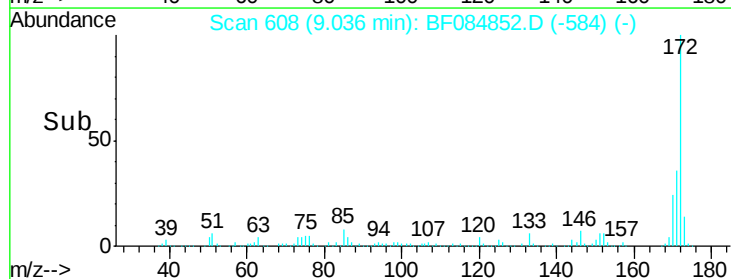
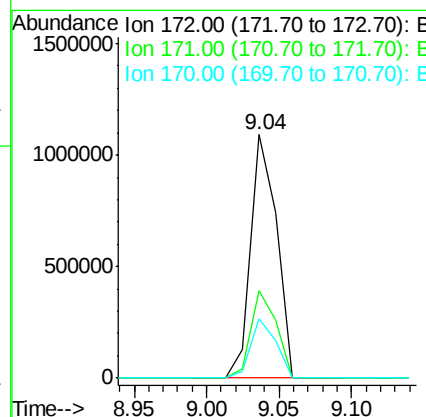
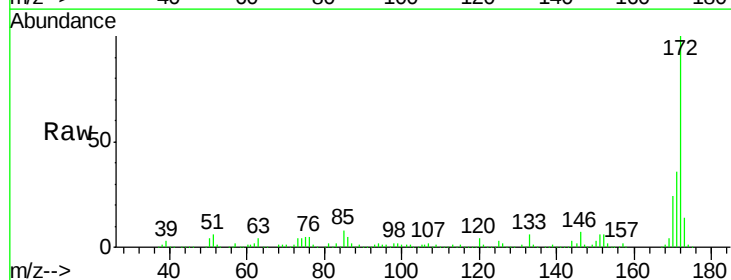
Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(15-17)

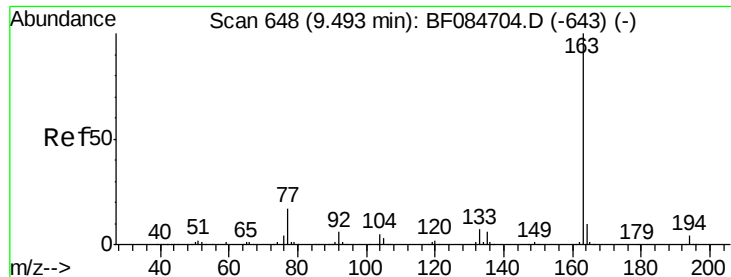
Tgt Ion:330 Resp: 323324
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 39.4 27.8 41.6



#44
 2-Fluorobiphenyl
 Concen: 79.37 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084852.D
 Acq: 5 Feb 2016 2:15

Tgt Ion:172 Resp: 1349711
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.3 18.6 27.8

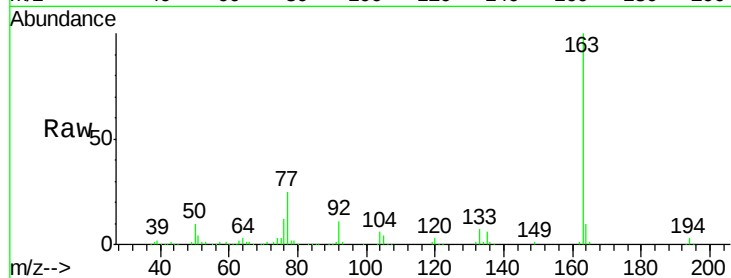




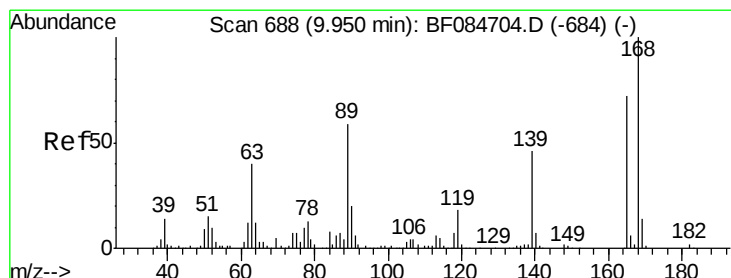
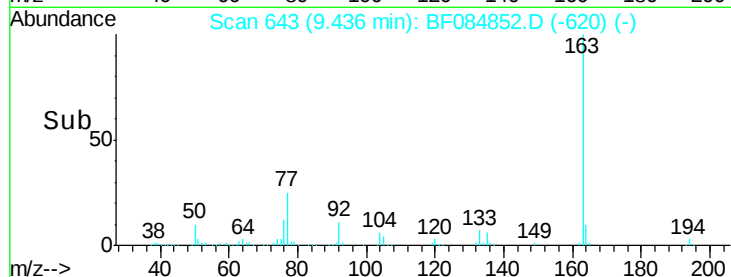
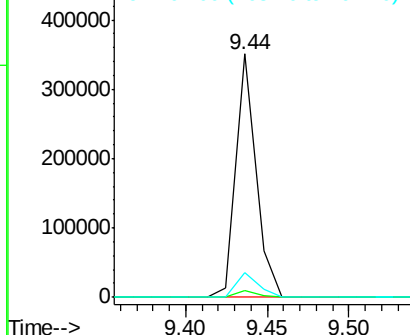
#49
Dimethylphthalate
Concen: 13.93 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084852.D
Acq: 5 Feb 2016 2:15

Instrument :
BNA_F
ClientSampleId :
S4-B013(15-17)

Tgt Ion:163 Resp: 297149
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 10.1 8.0 12.0

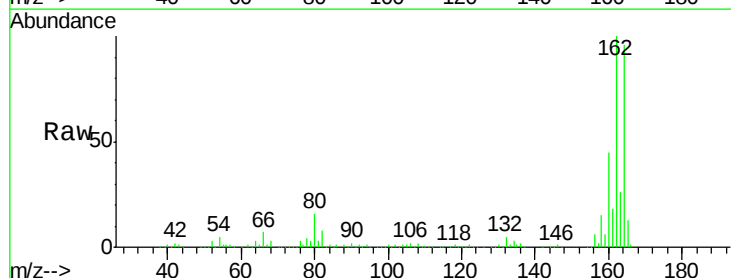


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

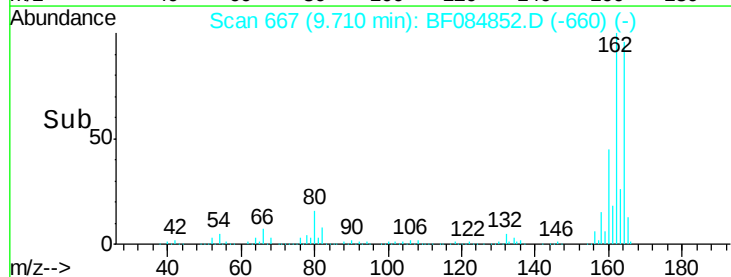
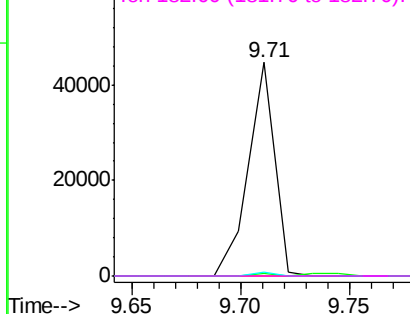


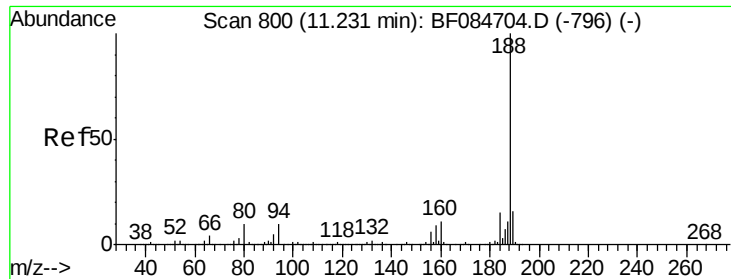
#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.22 min
Lab File: BF084852.D
Acq: 5 Feb 2016 2:15

Tgt Ion:165 Resp: 37763
Ion Ratio Lower Upper
165 100
63 1.5 36.7 55.1#
89 1.7 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

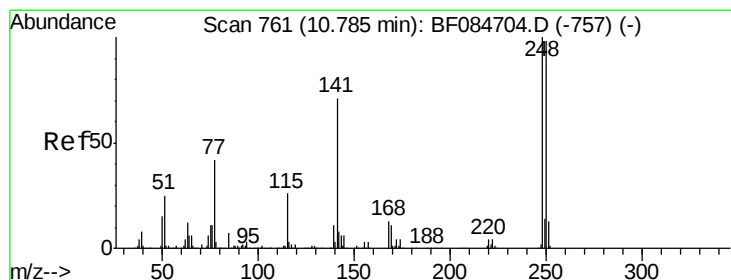
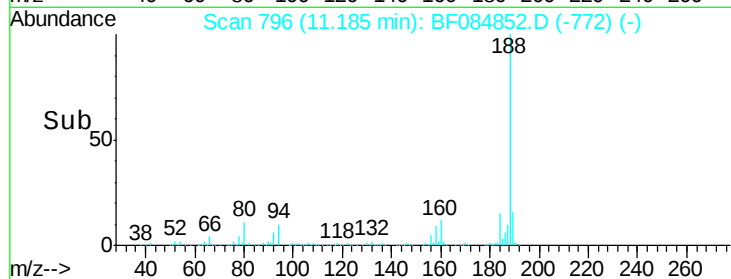
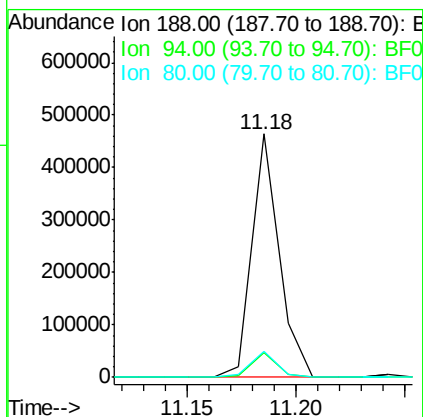
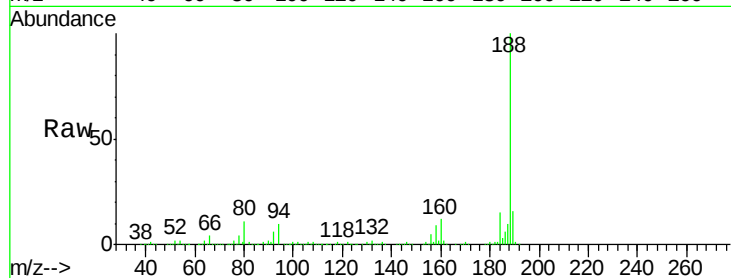




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084852.D
Acq: 5 Feb 2016 2:15

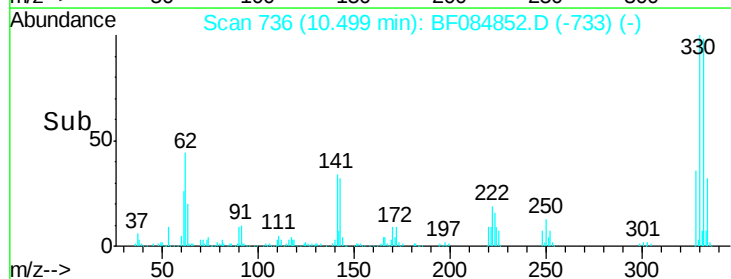
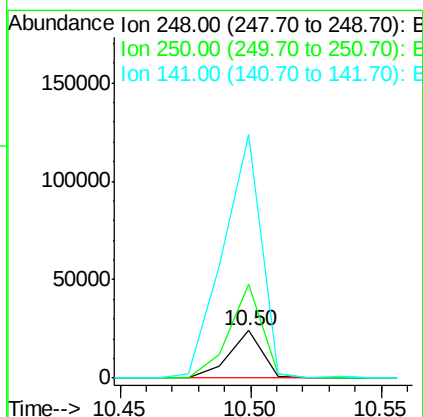
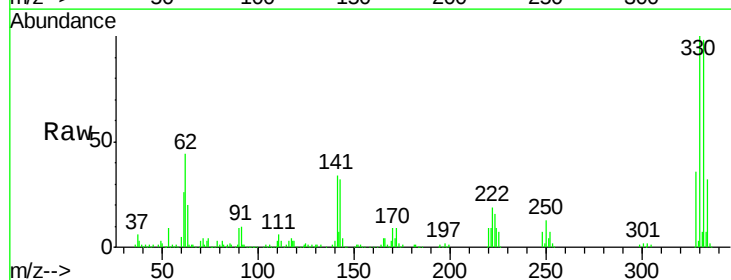
Instrument :
BNA_F
ClientSampleId :
S4-B013(15-17)

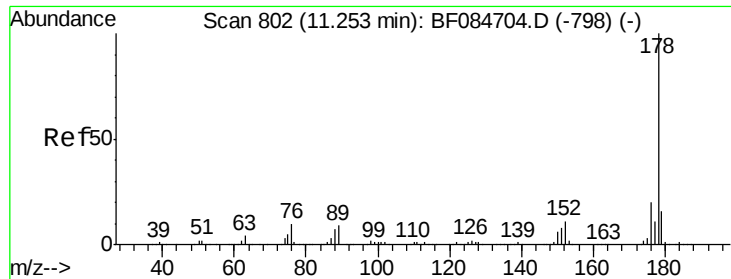
Tgt Ion:188 Resp: 404260
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 10.8 9.6 14.4



#66
4-Bromophenyl-phenylether
Concen: 4.83 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084852.D
Acq: 5 Feb 2016 2:15

Tgt Ion:248 Resp: 21557
Ion Ratio Lower Upper
248 100
250 195.9 78.4 117.6#
141 510.8 44.0 66.0#





#70

Phenanthrene

Concen: 4.31 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

Instrument :

BNA_F

ClientSampleId :

S4-B013(15-17)

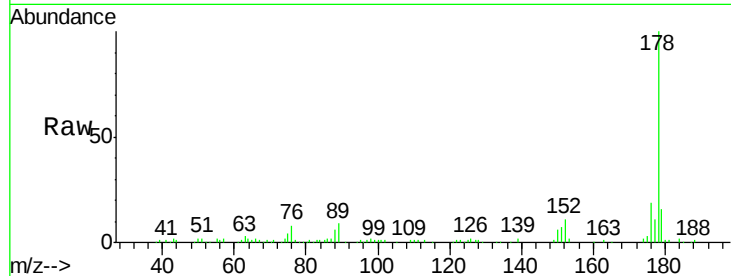
Tgt Ion:178 Resp: 96645

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

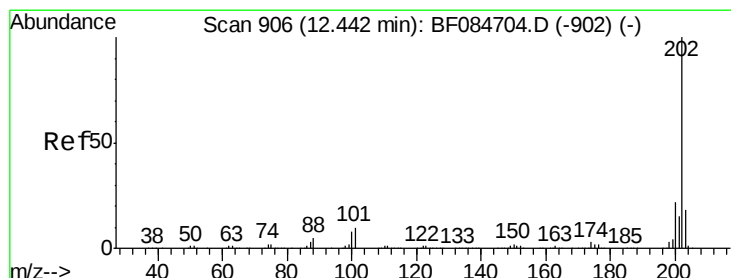
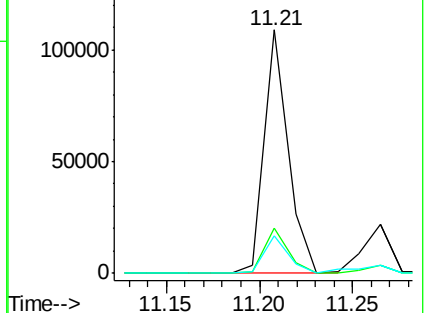
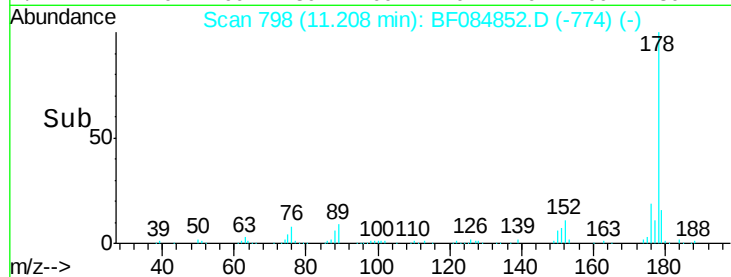
179 15.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.28 ng

RT: 12.40 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

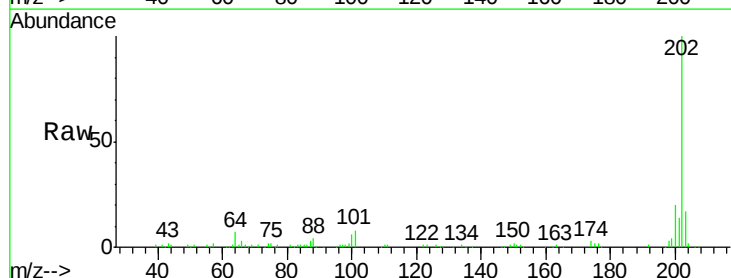
Tgt Ion:202 Resp: 74416

Ion Ratio Lower Upper

202 100

101 8.0 0.0 32.8

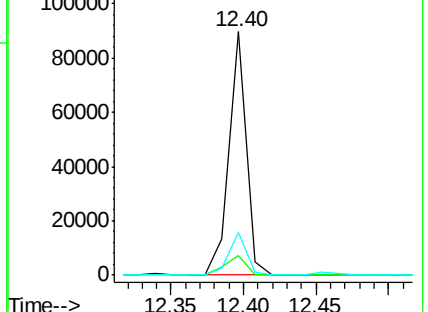
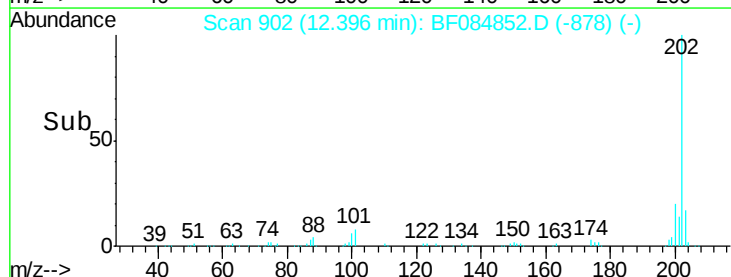
203 17.3 0.0 37.9

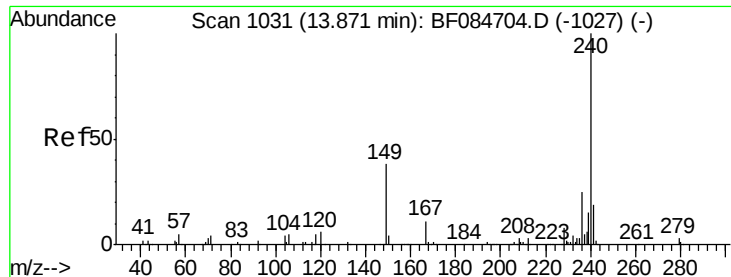


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

Instrument :

BNA_F

ClientSampleId :

S4-B013(15-17)

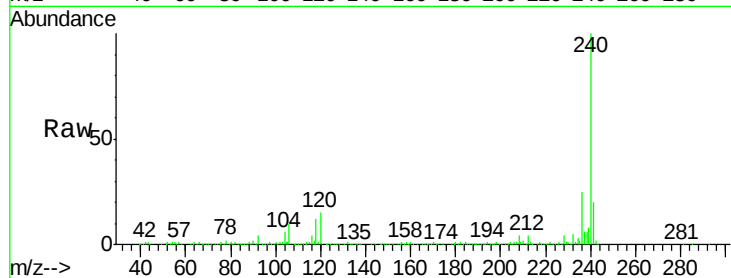
Tgt Ion:240 Resp: 319324

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

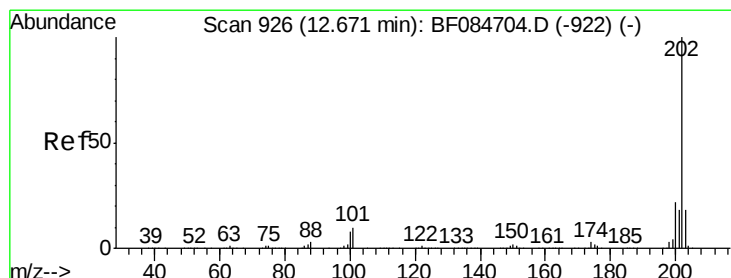
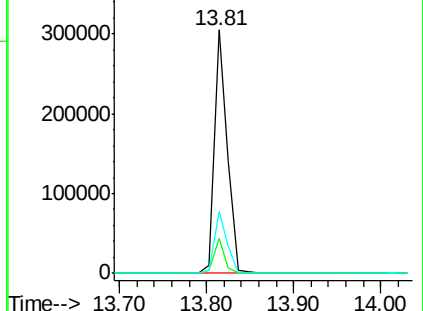
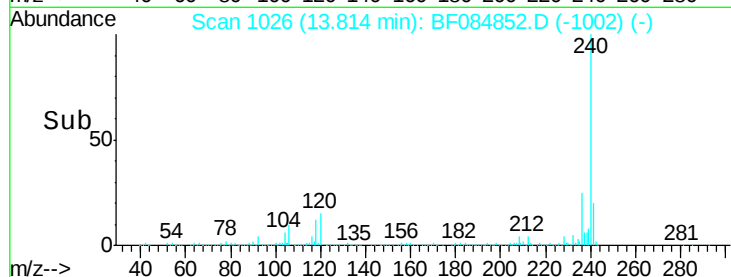
236 25.2 20.6 31.0



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



#77

Pyrene

Concen: 2.57 ng

RT: 12.63 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084852.D

Acq: 5 Feb 2016 2:15

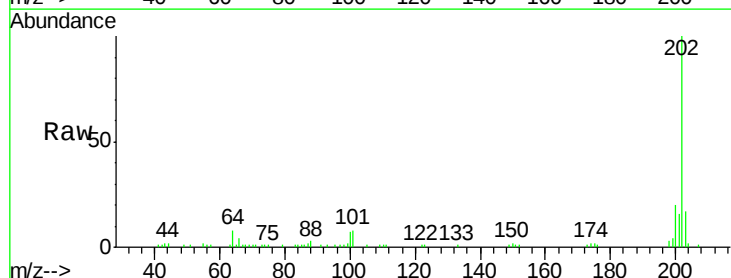
Tgt Ion:202 Resp: 62840

Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

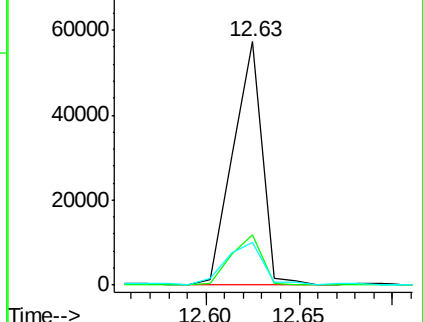
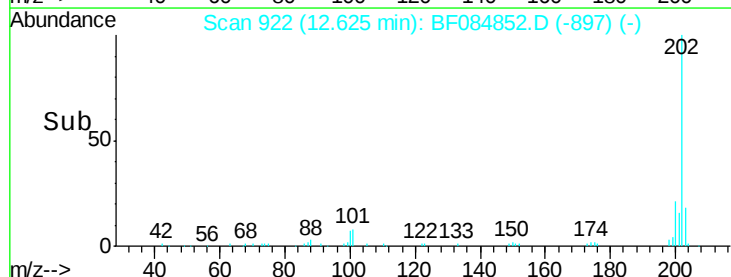
203 17.4 14.3 21.5

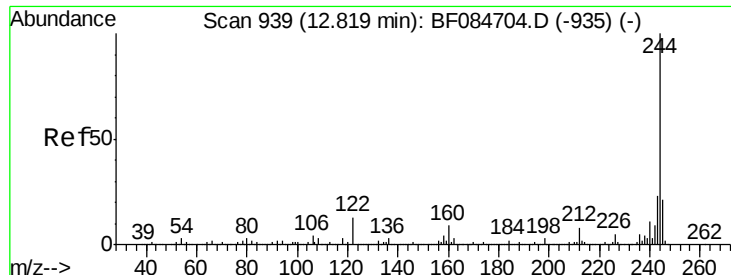


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

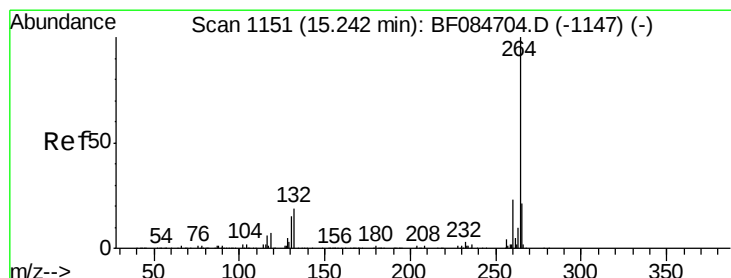
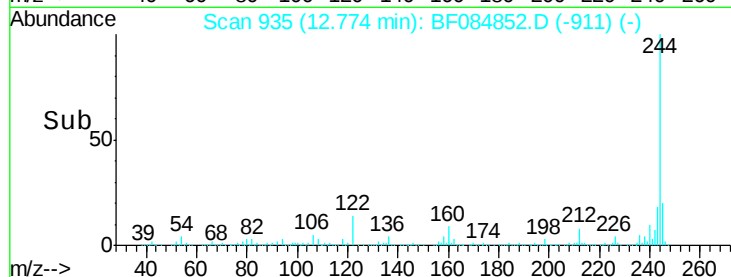
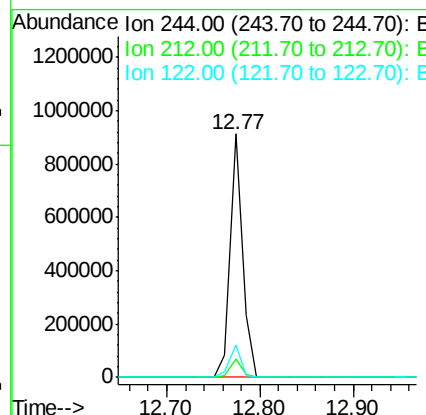
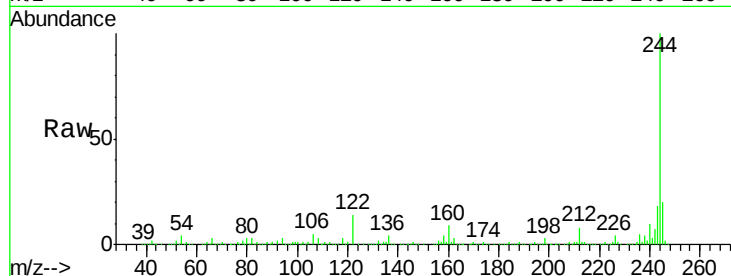




#78
 Terphenyl-d14
 Concen: 60.21 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF084852.D
 Acq: 5 Feb 2016 2:15

Instrument :
 BNA_F
 ClientSampleId :
 S4-B013(15-17)

Tgt Ion:244 Resp: 848496
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 13.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF084852.D
 Acq: 5 Feb 2016 2:15

Tgt Ion:264 Resp: 338760
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.2 17.8 26.6

