

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084970.D
 Acq On : 9 Feb 2016 23:39
 Operator : SJ/IZ
 Sample : H1377-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-0-1

Quant Time: Feb 10 03:28:41 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

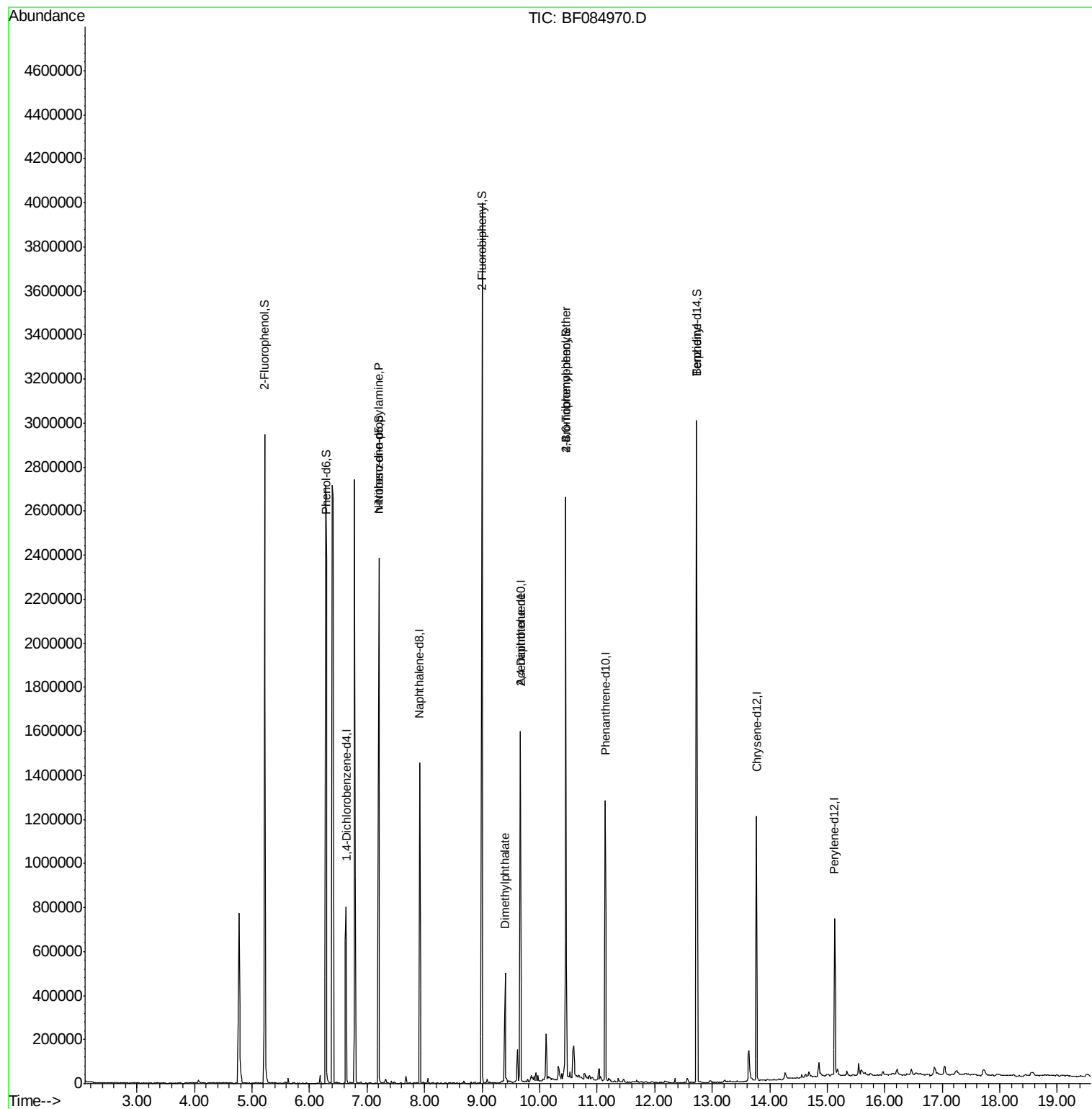
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	163406	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	694893	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	326245	20.00	ng	-0.07
63) Phenanthrene-d10	11.14	188	581988	20.00	ng	-0.07
75) Chrysene-d12	13.77	240	408366	20.00	ng	-0.07
86) Perylene-d12	15.13	264	324379	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1020332	97.26	ng	-0.06
7) Phenol-d6	6.29	99	1397636	107.46	ng	-0.05
23) Nitrobenzene-d5	7.21	82	917735	74.40	ng	-0.06
41) 2,4,6-Tribromophenol	10.45	330	314146	92.31	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	1435606	69.84	ng	-0.06
78) Terphenyl-d14	12.73	244	1095222	60.77	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.21	70	124326	15.25	ng	# 76
49) Dimethylphthalate	9.40	163	256968	10.34	ng	# 90
56) 2,4-Dinitrotoluene	9.66	165	42355	6.12	ng	# 21
66) 4-Bromophenyl-phenylether	10.45	248	20027	3.12	ng	# 1
76) Benzidine	12.73	184	13978	7.53	ng	# 94

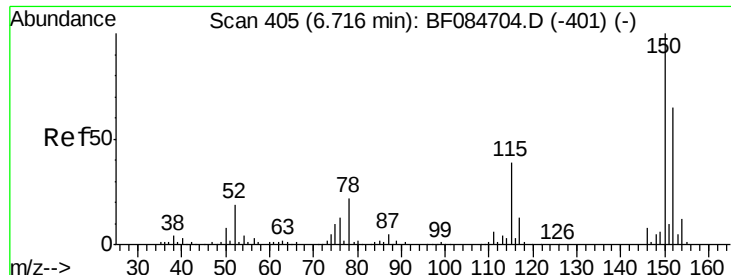
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

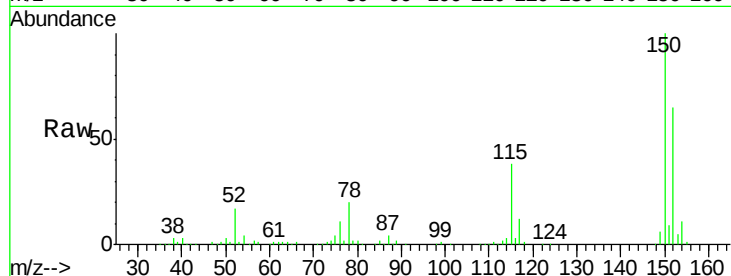
Tgt Ion:152 Resp: 163406

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

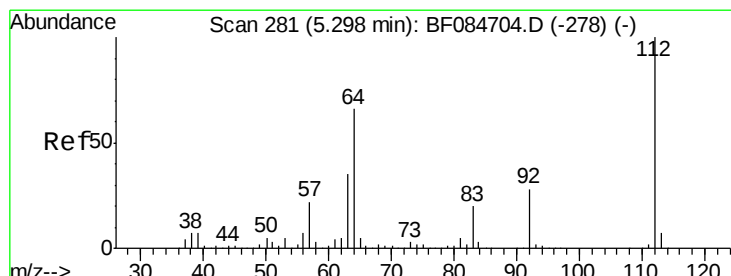
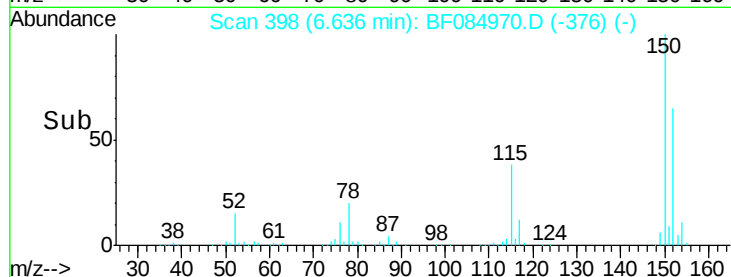
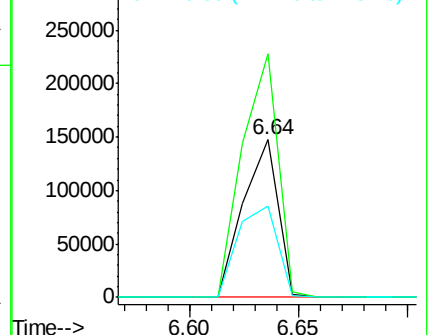
115 58.1 51.4 77.2



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: 97.26 ng

RT: 5.22 min Scan# 274

Delta R.T. -0.06 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

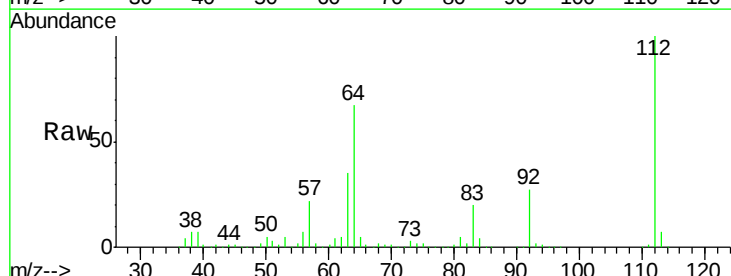
Tgt Ion:112 Resp: 1020332

Ion Ratio Lower Upper

112 100

64 66.7 36.6 55.0#

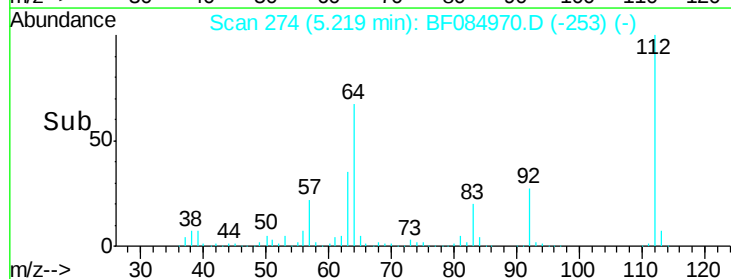
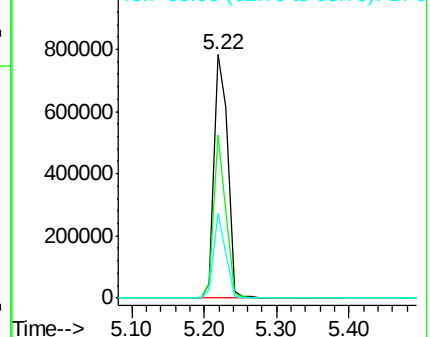
63 35.0 19.4 29.0#

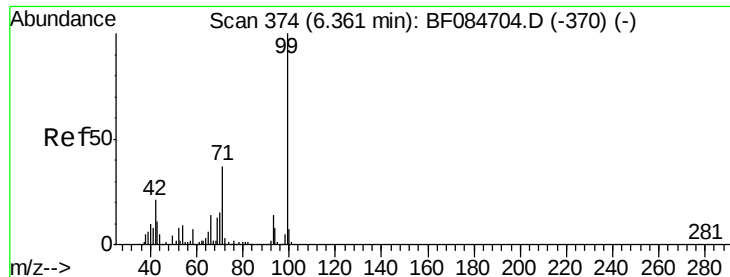


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.46 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

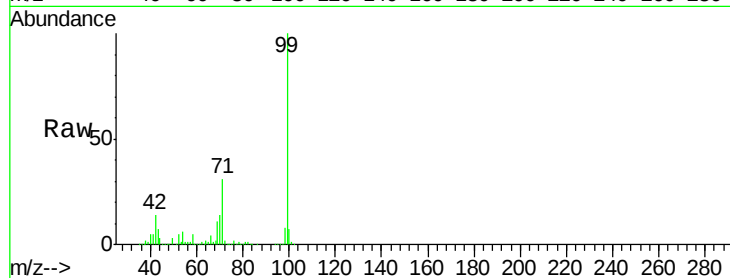
Tgt Ion: 99 Resp: 1397636

Ion Ratio Lower Upper

99 100

42 13.6 12.8 19.2

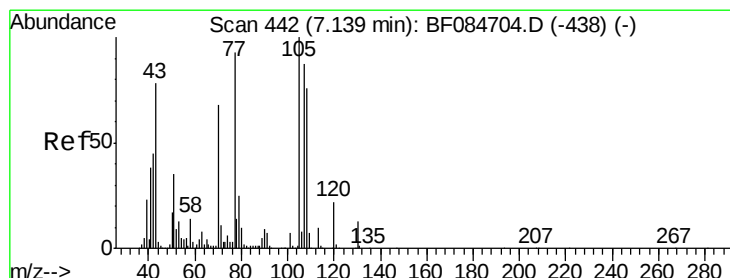
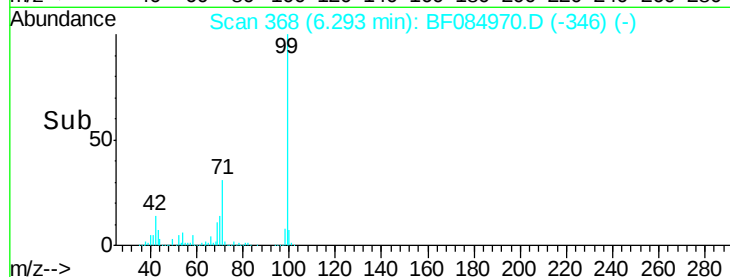
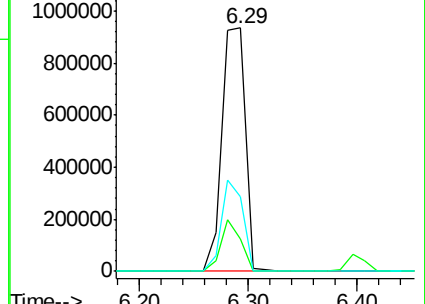
71 30.6 30.9 46.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.25 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

Tgt Ion: 70 Resp: 124326

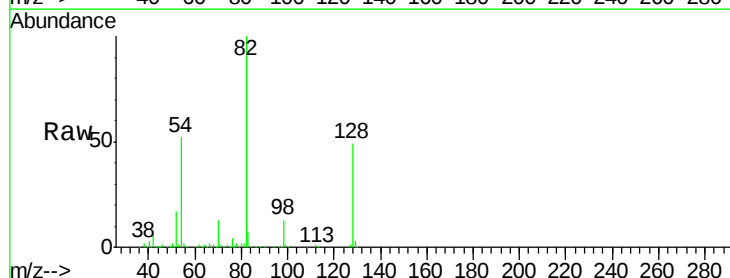
Ion Ratio Lower Upper

70 100

42 43.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#

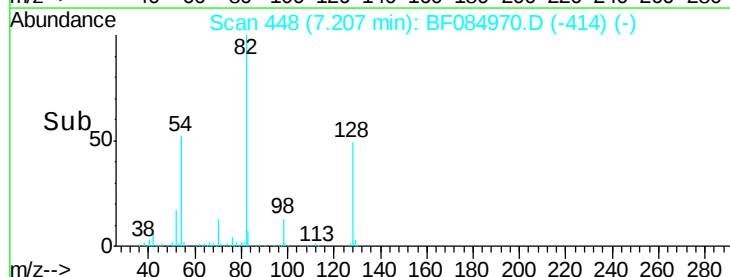
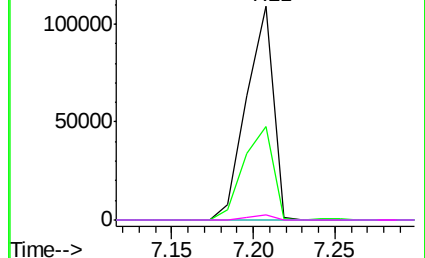


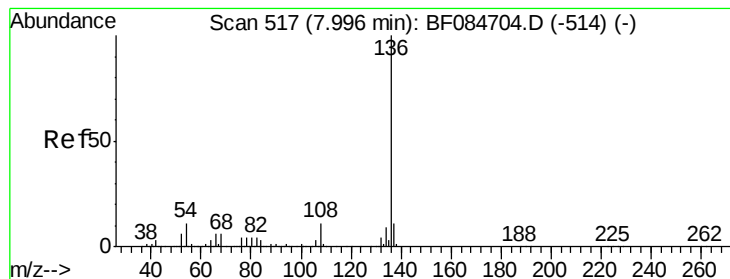
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

Tgt Ion: 136 Resp: 694893

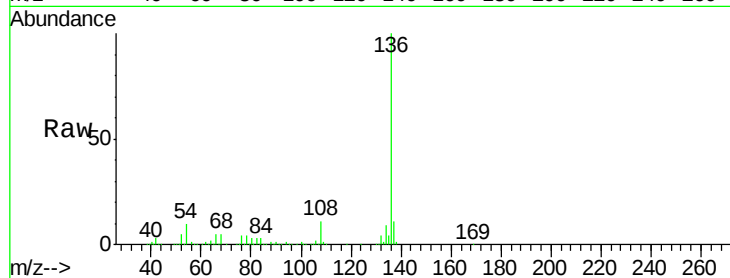
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 9.7 5.8 8.8#

68 5.4 4.2 6.2

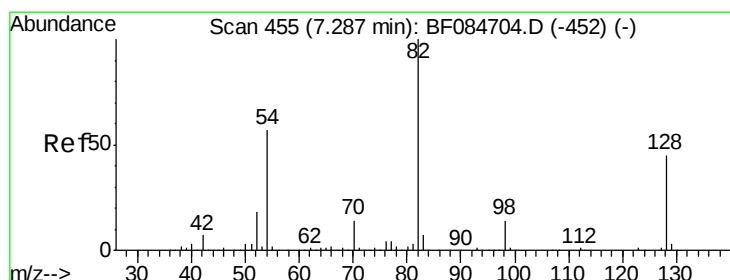
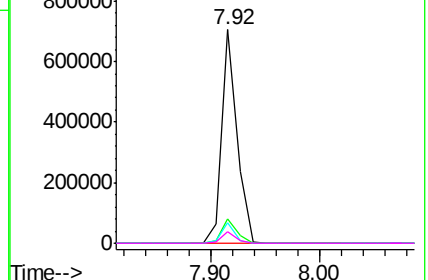
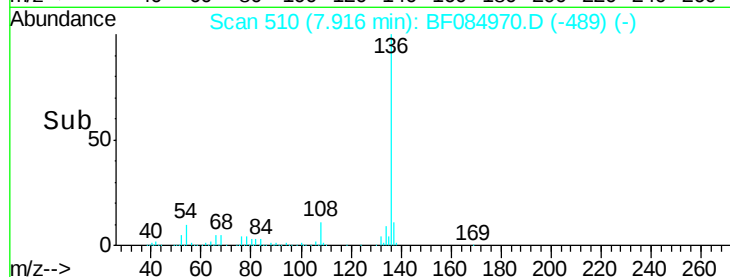


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 74.40 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

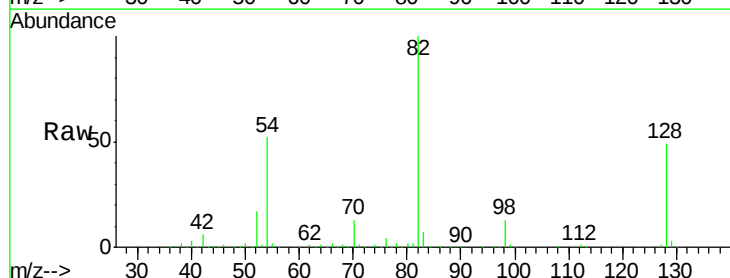
Tgt Ion: 82 Resp: 917735

Ion Ratio Lower Upper

82 100

128 49.1 34.6 51.8

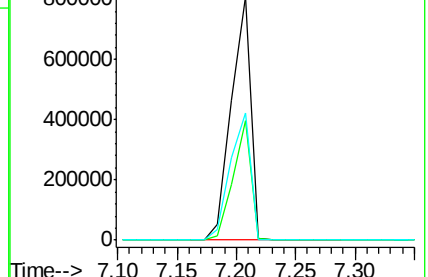
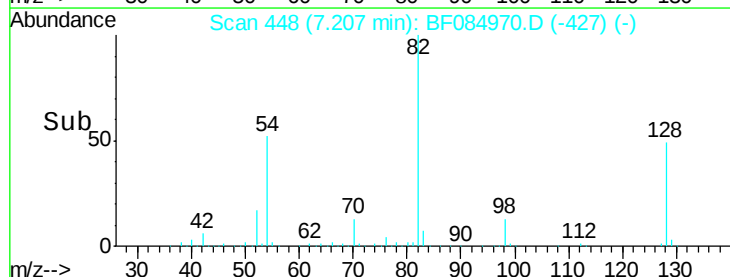
54 52.4 38.4 57.6

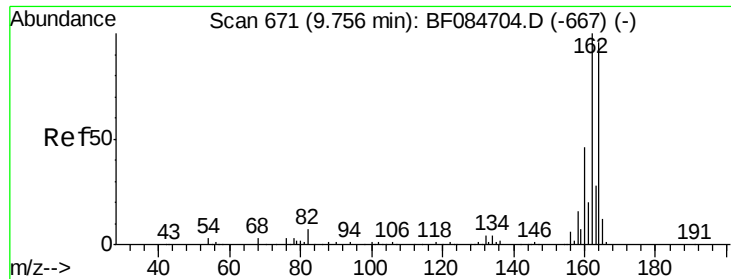


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

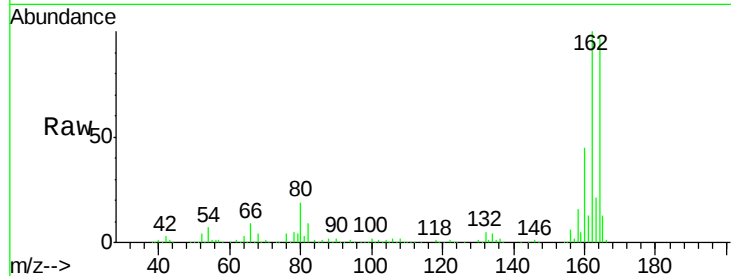
Tgt Ion:164 Resp: 326245

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

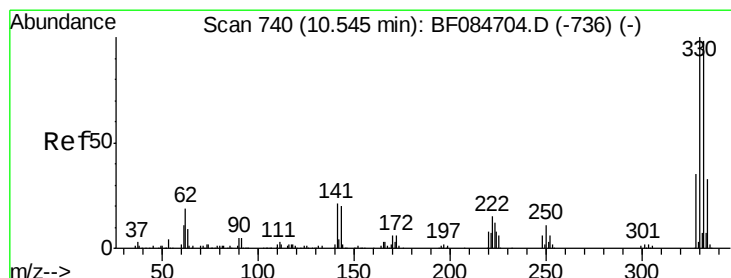
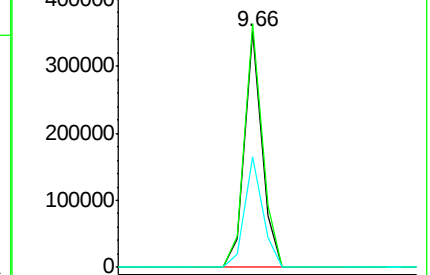
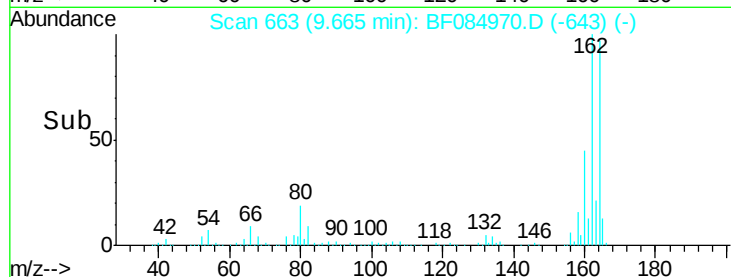
160 46.6 37.5 56.3



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: 92.31 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.07 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

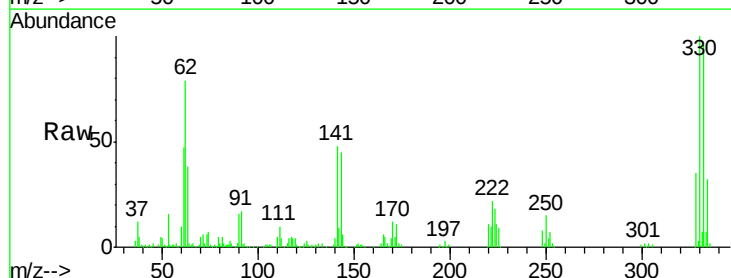
Tgt Ion:330 Resp: 314146

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

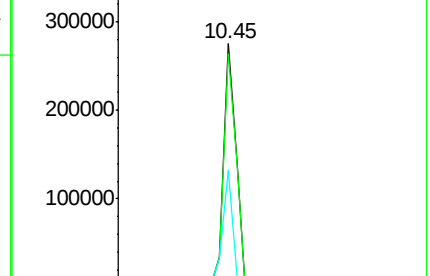
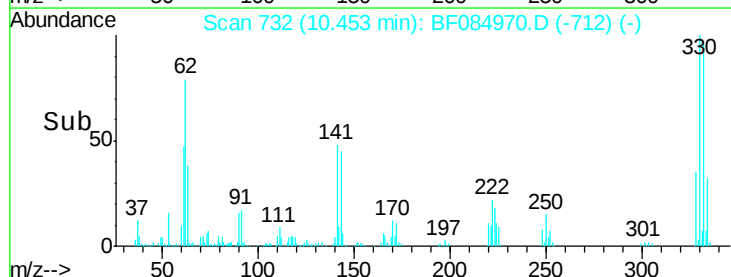
141 38.8 27.8 41.6

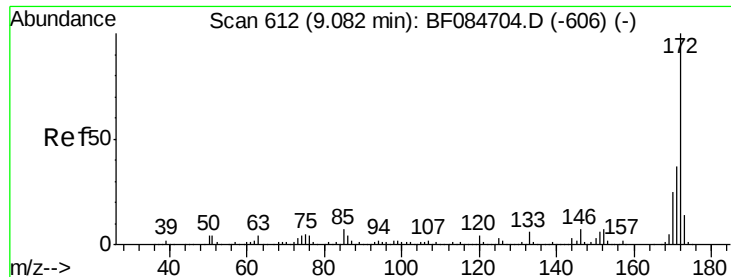


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

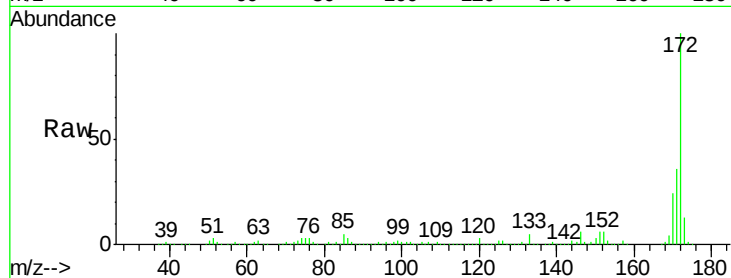




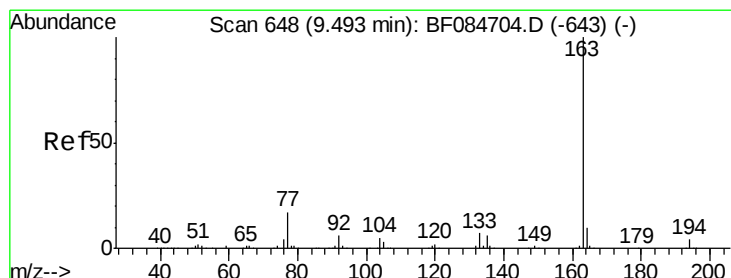
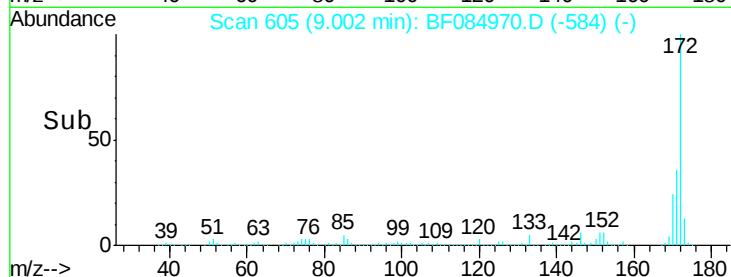
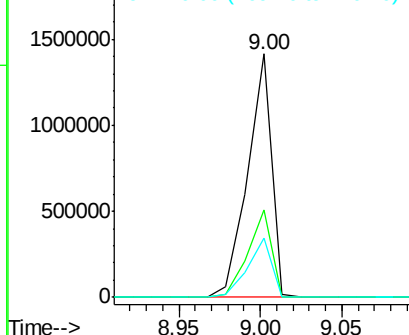
#44
2-Fluorobiphenyl
Concen: 69.84 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.06 min
Lab File: BF084970.D
Acq: 9 Feb 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB03-0-1

Tgt Ion:172 Resp: 1435606
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 24.3 18.6 27.8

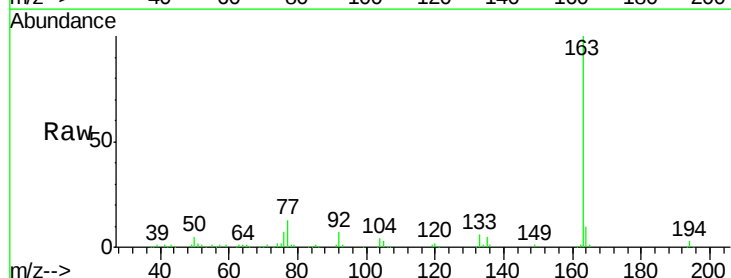


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

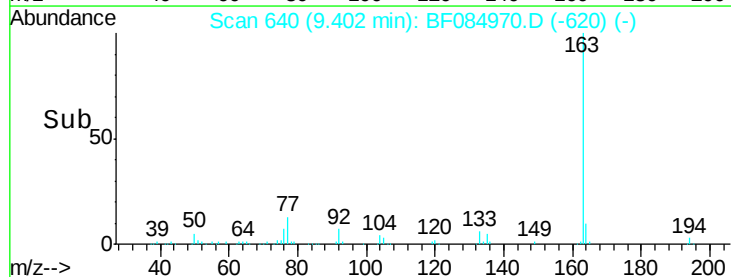
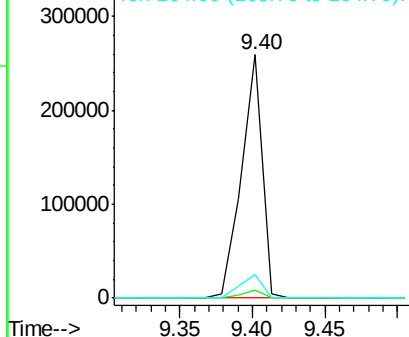


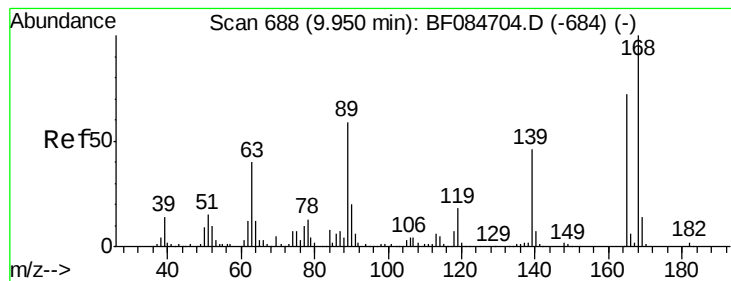
#49
Dimethylphthalate
Concen: 10.34 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.07 min
Lab File: BF084970.D
Acq: 9 Feb 2016 23:39

Tgt Ion:163 Resp: 256968
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 9.5 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

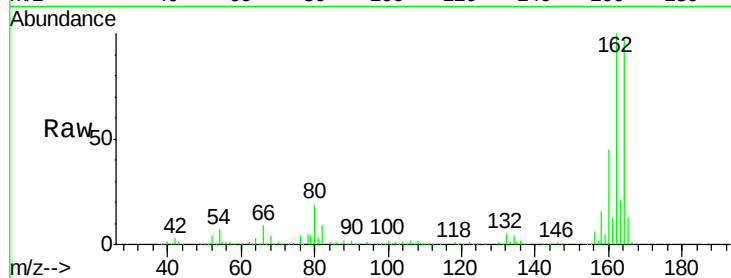




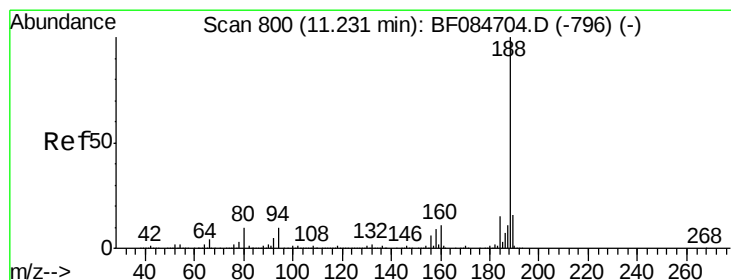
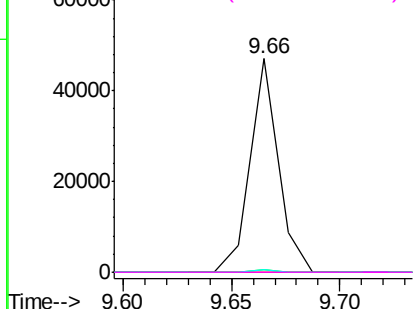
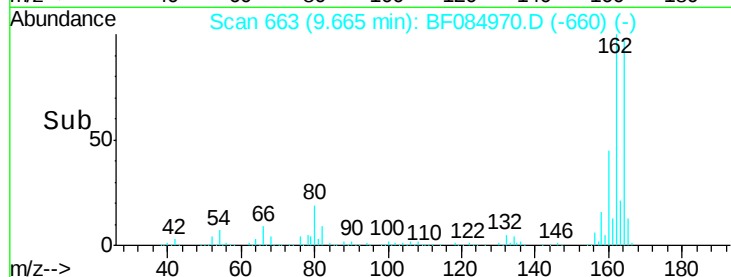
#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.26 min
 Lab File: BF084970.D
 Acq: 9 Feb 2016 23:39

Instrument :
 BNA_F
 ClientSampleId :
 SB03-0-1

Tgt Ion:165 Resp: 42355
 Ion Ratio Lower Upper
 165 100
 63 1.2 36.7 55.1#
 89 1.2 61.9 92.9#
 182 0.0 2.0 3.0#

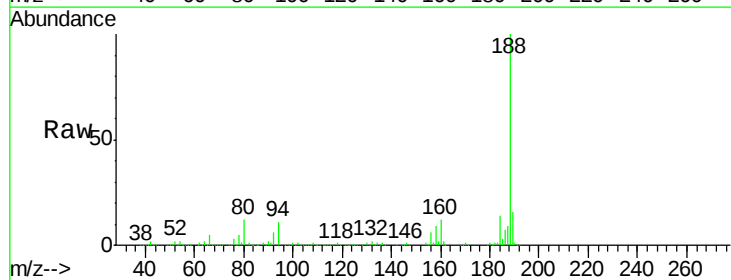


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

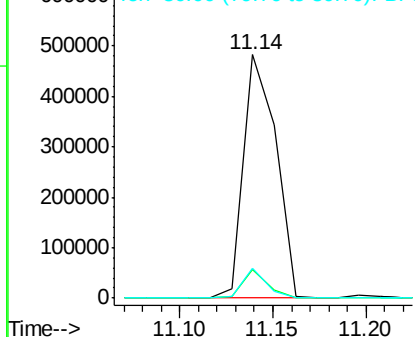
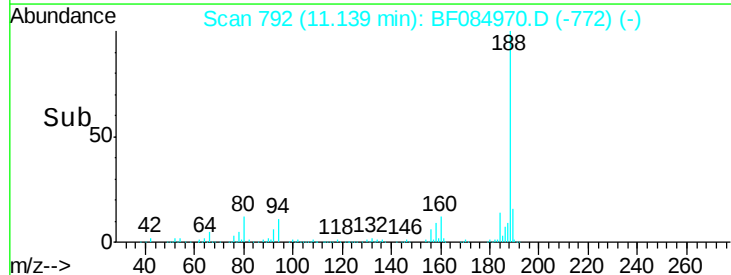


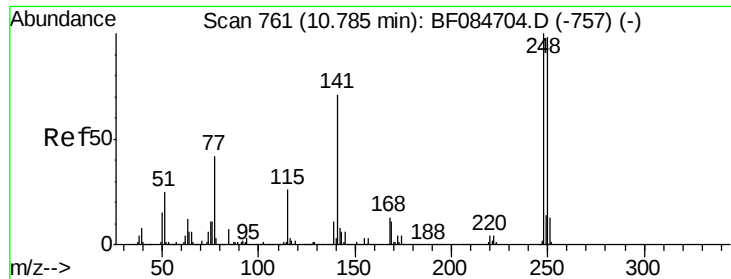
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.07 min
 Lab File: BF084970.D
 Acq: 9 Feb 2016 23:39

Tgt Ion:188 Resp: 581988
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.0 13.4
 80 12.2 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

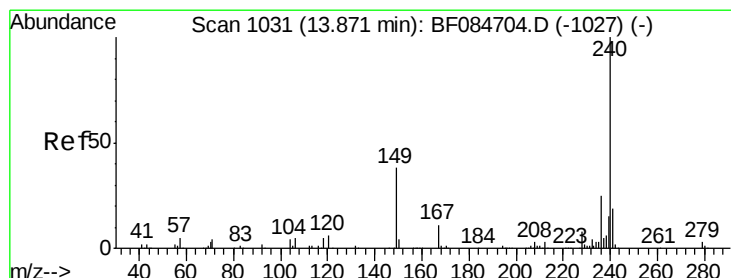
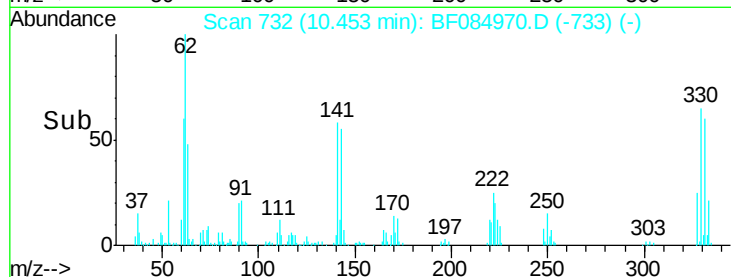
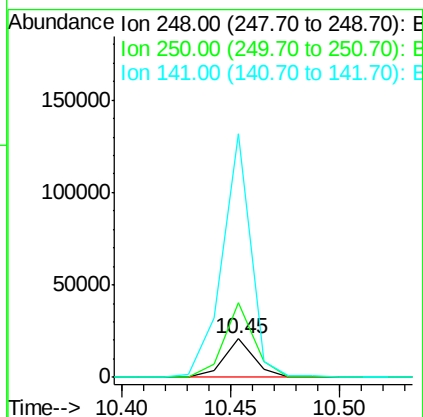
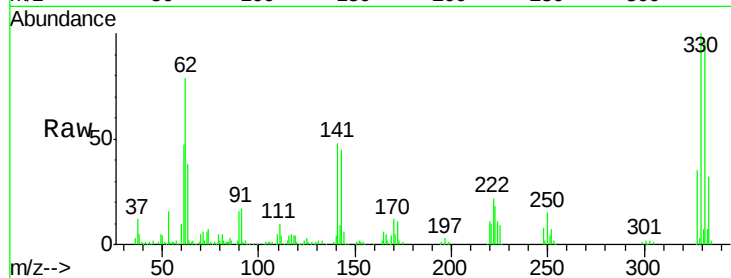




#66
4-Bromophenyl-phenylether
Concen: 3.12 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.31 min
Lab File: BF084970.D
Acq: 9 Feb 2016 23:39

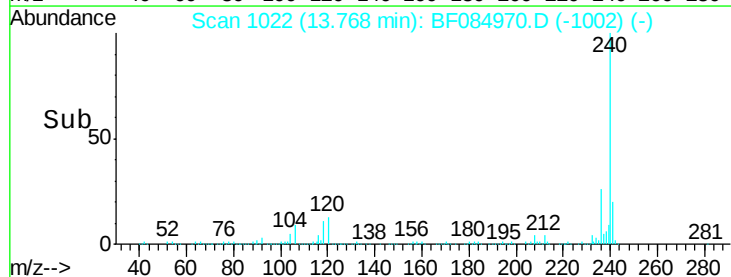
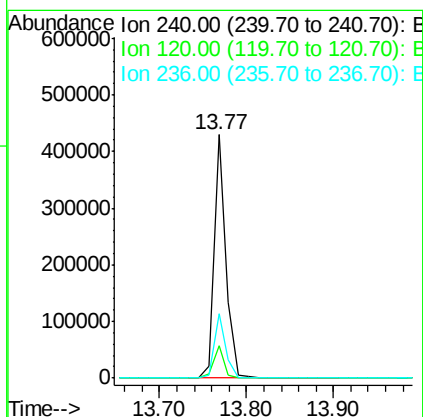
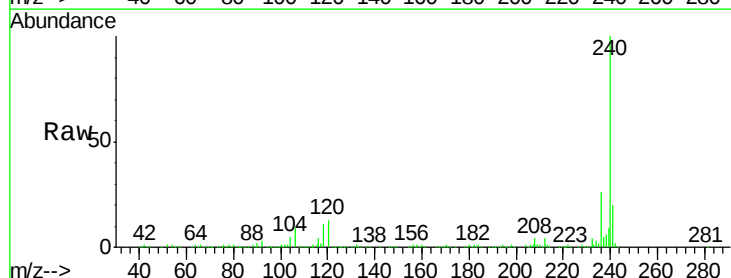
Instrument :
BNA_F
ClientSampleId :
SB03-0-1

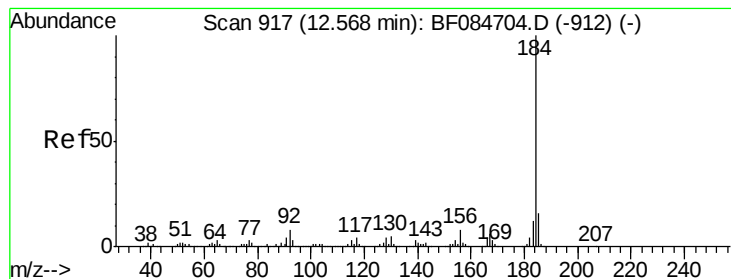
Tgt Ion:248 Resp: 20027
Ion Ratio Lower Upper
248 100
250 194.4 78.4 117.6#
141 629.3 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.07 min
Lab File: BF084970.D
Acq: 9 Feb 2016 23:39

Tgt Ion:240 Resp: 408366
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 26.5 20.6 31.0





#76

Benzidine

Concen: 7.53 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.18 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

Instrument :

BNA_F

ClientSampleId :

SB03-0-1

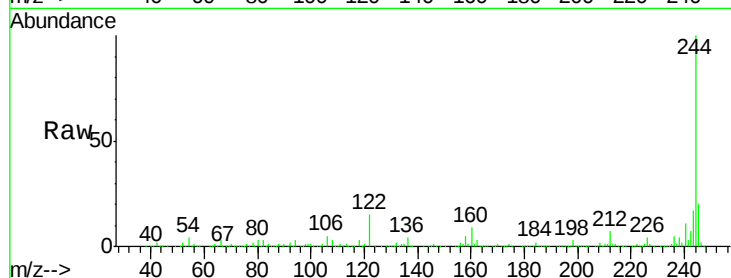
Tgt Ion:184 Resp: 13978

Ion Ratio Lower Upper

184 100

185 17.3 12.2 18.2

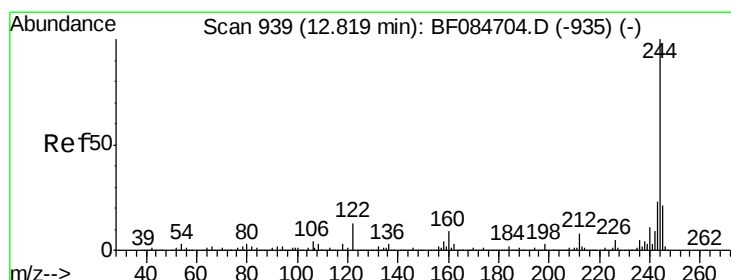
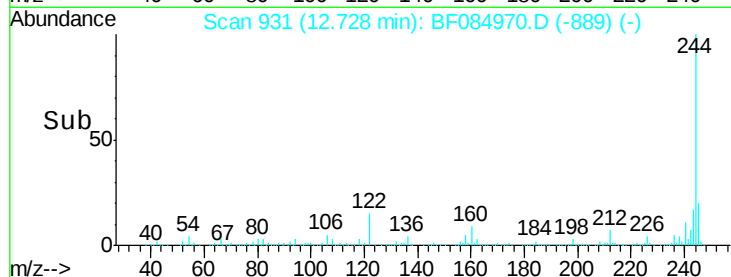
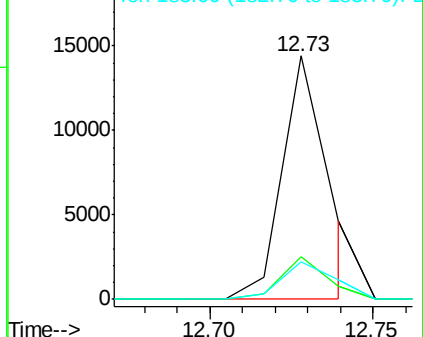
183 15.4 9.8 14.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 60.77 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.07 min

Lab File: BF084970.D

Acq: 9 Feb 2016 23:39

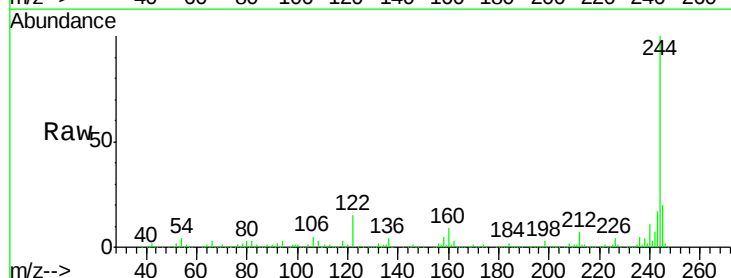
Tgt Ion:244 Resp: 1095222

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

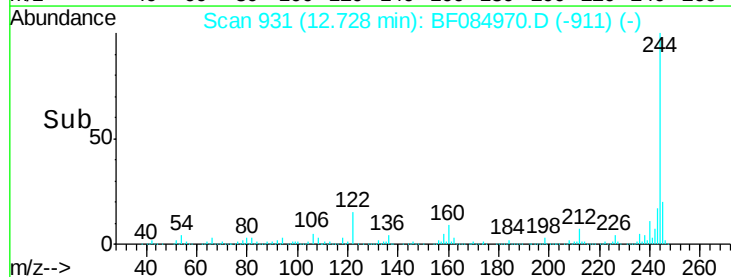
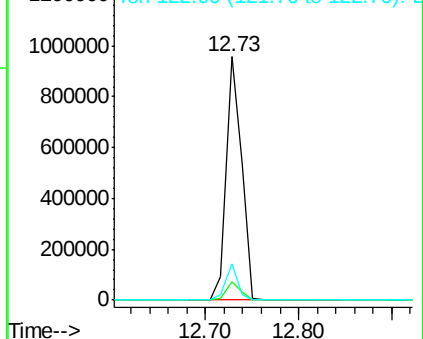
122 14.7 7.4 11.0#

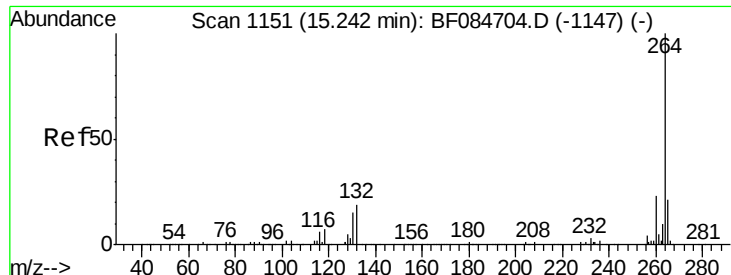


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

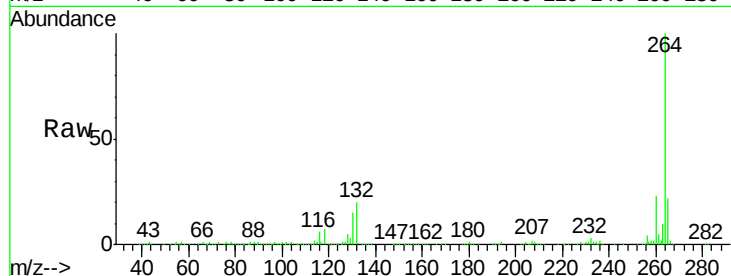




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084970.D
Acq: 9 Feb 2016 23:39

Instrument :
BNA_F
ClientSampleId :
SB03-0-1

Tgt Ion: 264 Resp: 324379
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.2
265 21.5 17.8 26.6



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

