

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
 Data File : BF084922.D
 Acq On : 6 Feb 2016 20:03
 Operator : SJ/IZ
 Sample : H1320-14DL 5X
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(1-3)DL

Quant Time: Feb 08 01:25:31 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

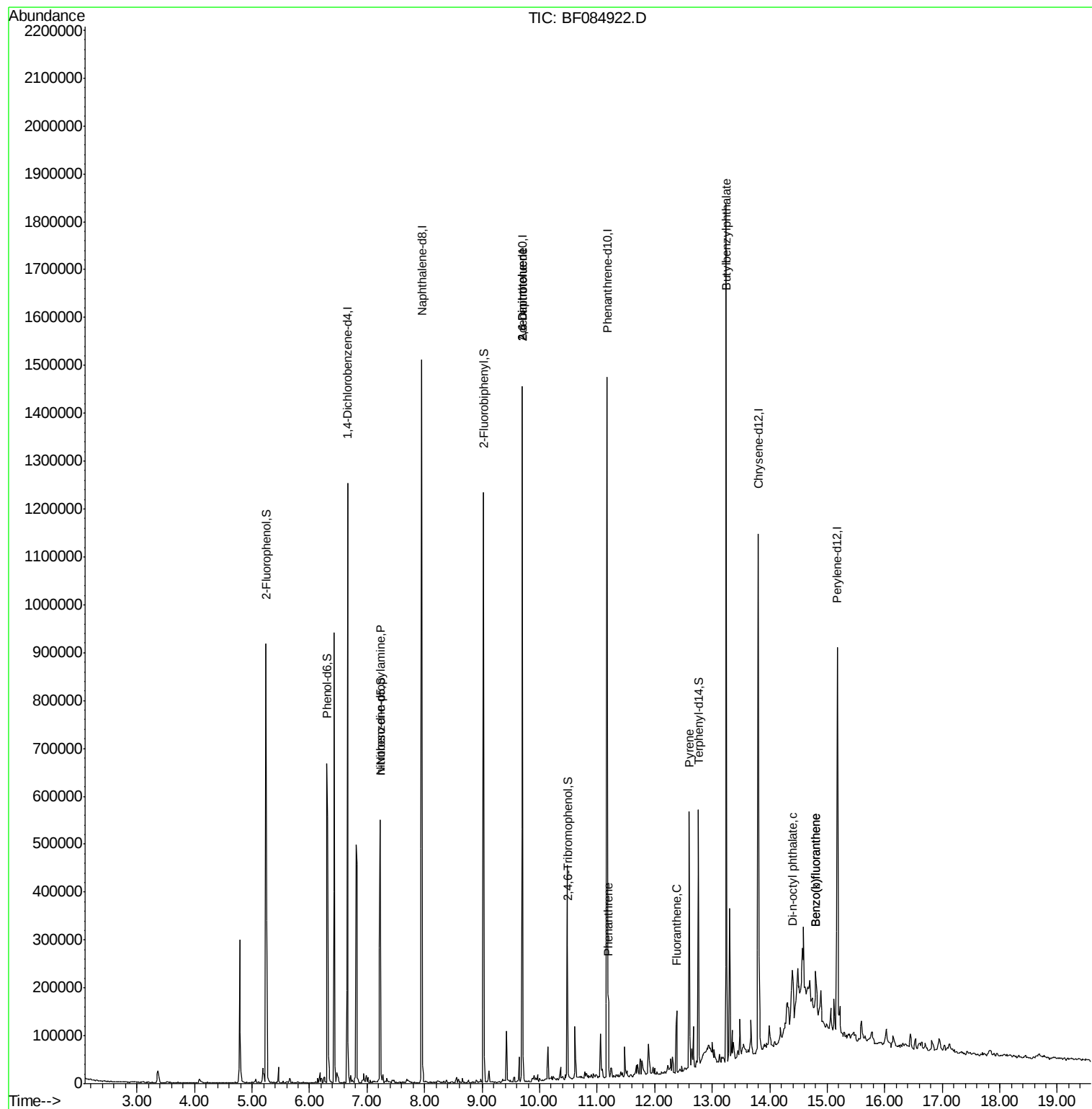
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170457	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	704068	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	299877	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	487726	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	336615	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332329	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	269358	24.61	ng	-0.03
7) Phenol-d6	6.30	99	322716	23.79	ng	-0.03
23) Nitrobenzene-d5	7.23	82	198284	15.86	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	61600	19.69	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	346812	14.46	ng	-0.03
78) Terphenyl-d14	12.76	244	217671	14.65	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	25617	3.01	ng	# 76
50) 2,6-Dinitrotoluene	9.70	165	40018	8.02	ng	# 37
56) 2,4-Dinitrotoluene	9.70	165	40018	6.29	ng	# 21
70) Phenanthrene	11.20	178	55654	2.06	ng	98
74) Fluoranthene	12.38	202	70580	2.58	ng	94
77) Pyrene	12.60	202	67416	2.62	ng	98
79) Butylbenzylphthalate	13.24	149	376843	32.23	ng	96
84) Di-n-octyl phthalate	14.40	149	76262	3.18	ng	# 36
87) Benzo(b)fluoranthene	14.80	252	52334	2.34	ng	# 90
88) Benzo(k)fluoranthene	14.80	252	52334	2.83	ng	# 94

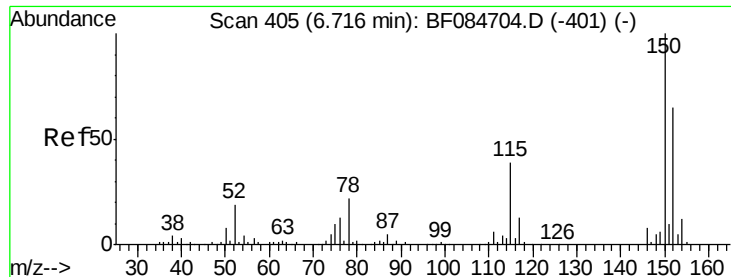
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084922.D
Acq On : 6 Feb 2016 20:03
Operator : SJ/IZ
Sample : H1320-14DL 5X
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B015(1-3)DL

Quant Time: Feb 08 01:25:31 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

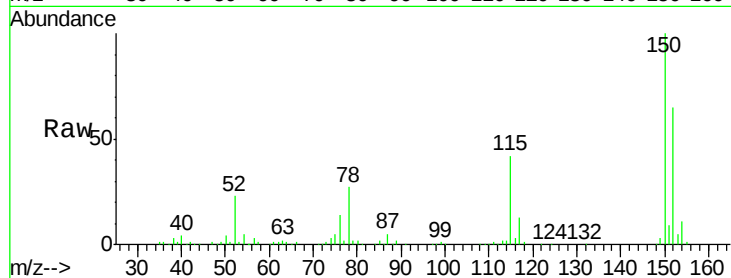
Tgt Ion:152 Resp: 170457

Ion Ratio Lower Upper

152 100

150 152.9 123.0 184.4

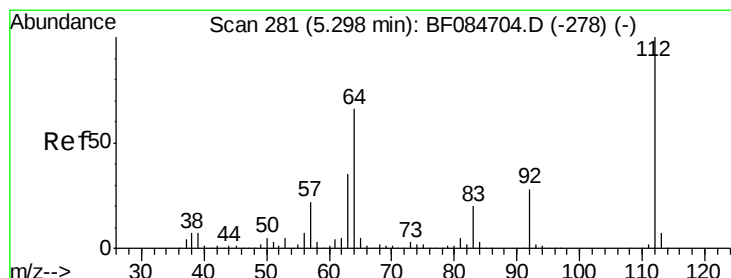
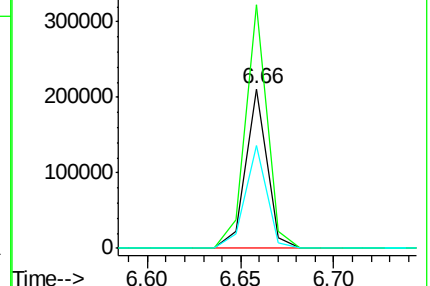
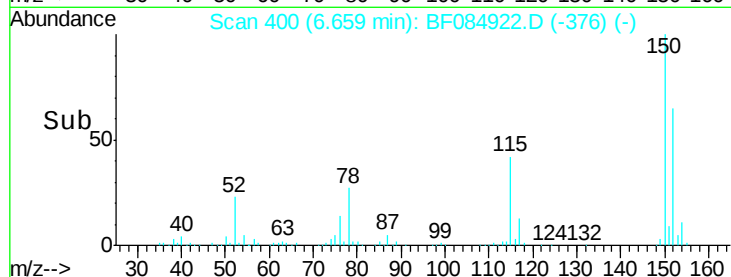
115 64.8 51.4 77.2



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: 24.61 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

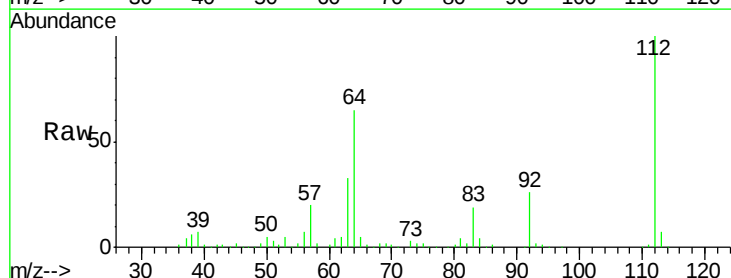
Tgt Ion:112 Resp: 269358

Ion Ratio Lower Upper

112 100

64 65.1 36.6 55.0#

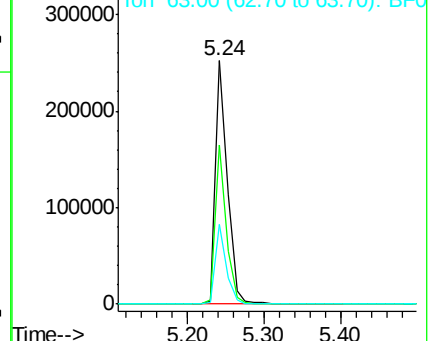
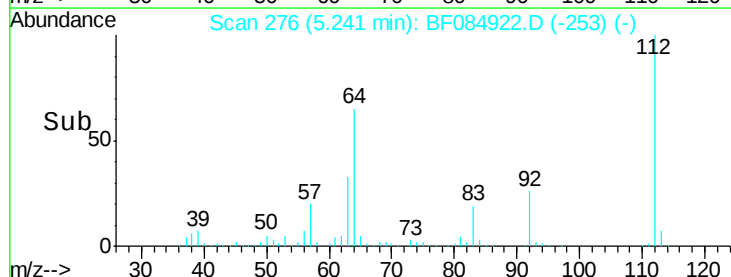
63 32.8 19.4 29.0#

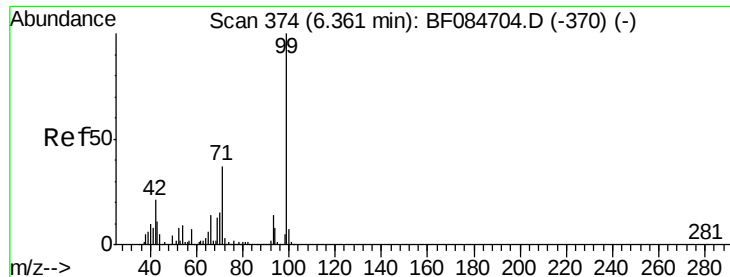


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.79 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

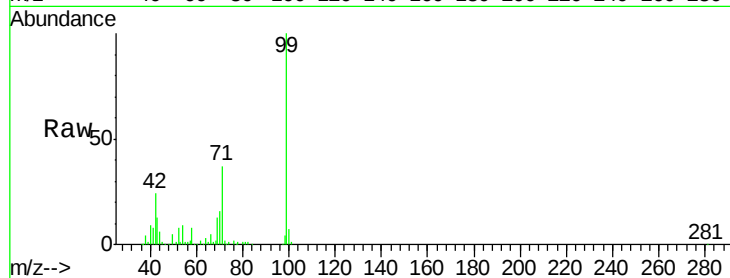
Tgt Ion: 99 Resp: 322716

Ion Ratio Lower Upper

99 100

42 23.5 12.8 19.2#

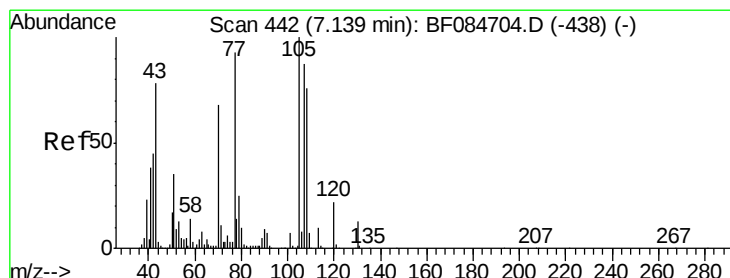
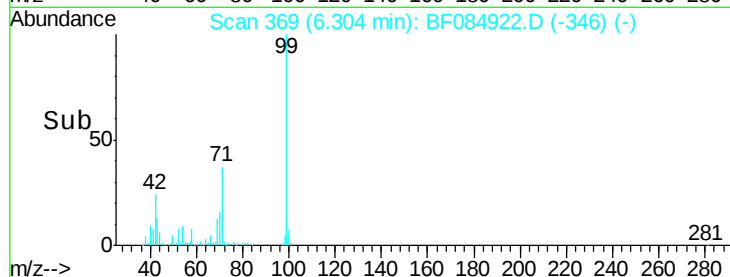
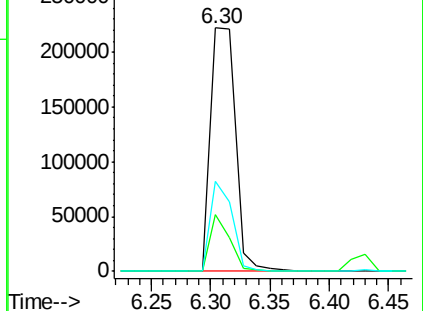
71 37.2 30.9 46.3



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: 3.01 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Tgt Ion: 70 Resp: 25617

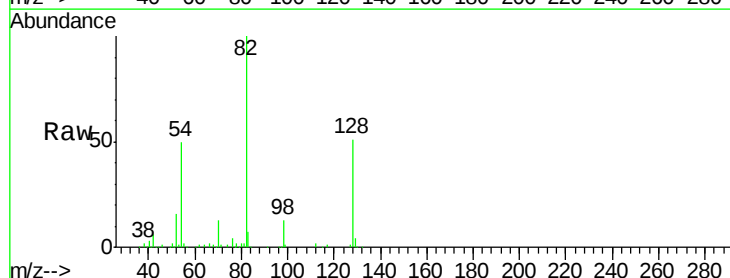
Ion Ratio Lower Upper

70 100

42 43.8 33.3 49.9

101 0.0 9.3 13.9#

130 2.5 23.4 35.0#

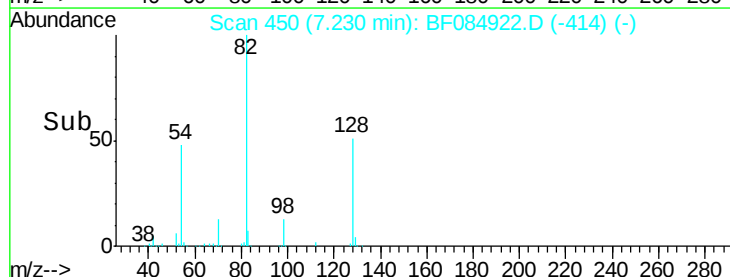
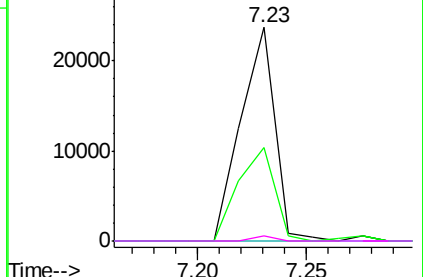


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

Tgt Ion: 136 Resp: 704068

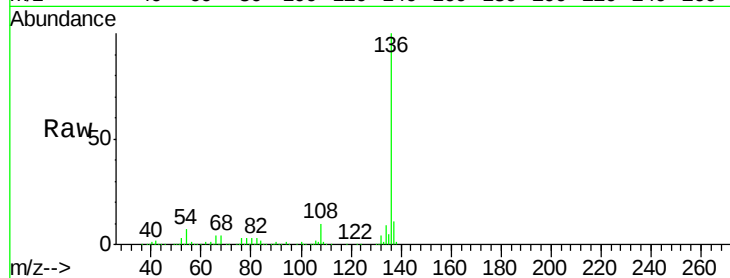
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.7 5.8 8.8

68 4.0 4.2 6.2#

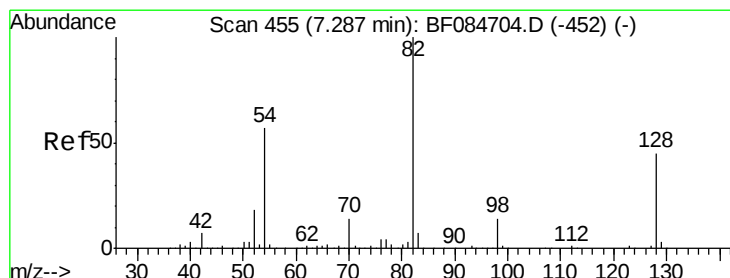
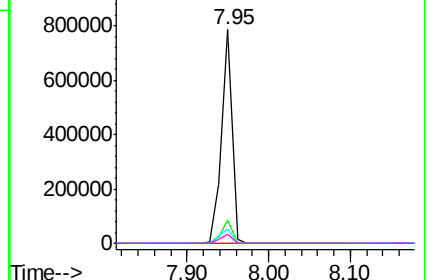
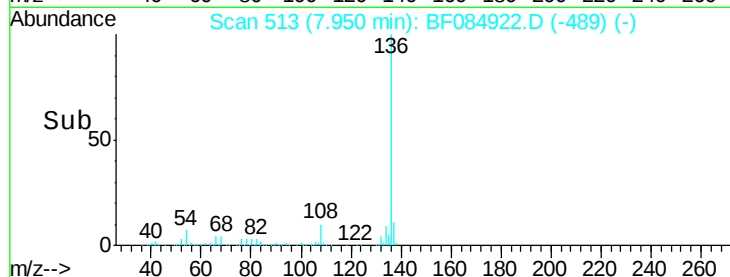


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.86 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

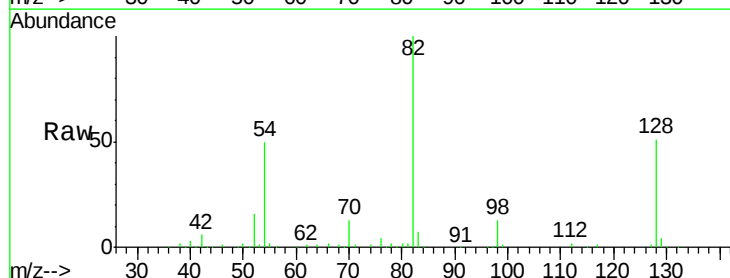
Tgt Ion: 82 Resp: 198284

Ion Ratio Lower Upper

82 100

128 51.1 34.6 51.8

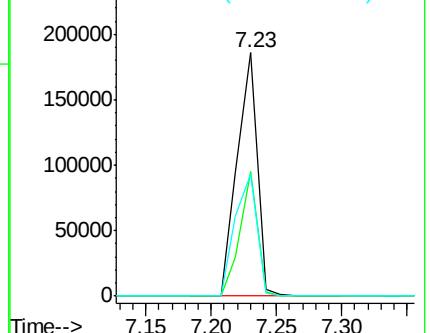
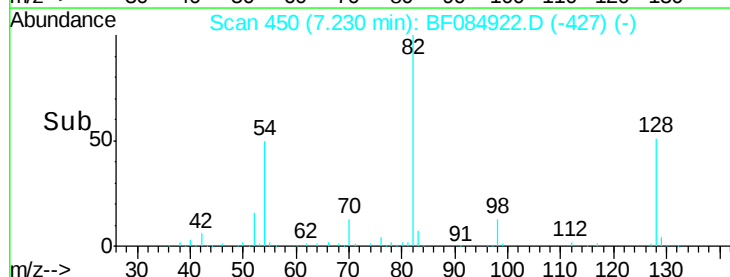
54 50.2 38.4 57.6

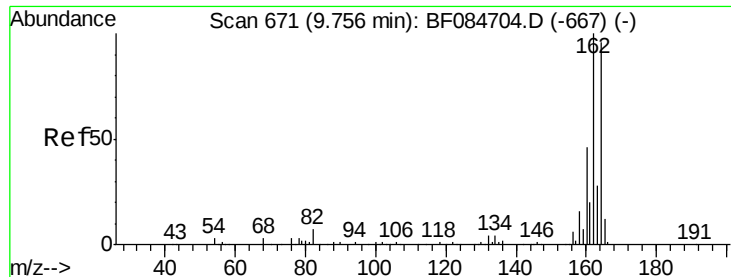


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

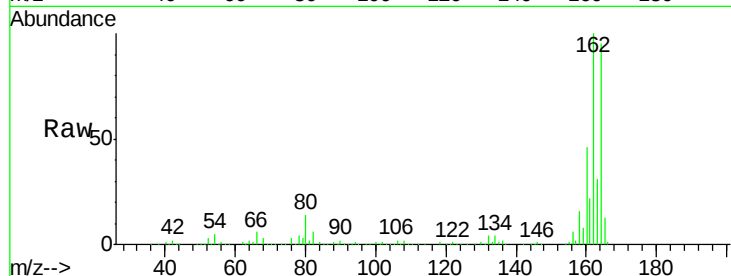
Tgt Ion:164 Resp: 299877

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

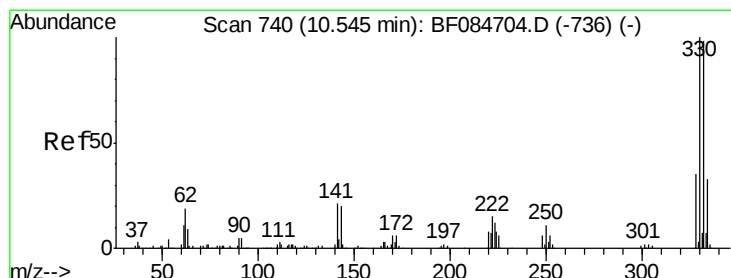
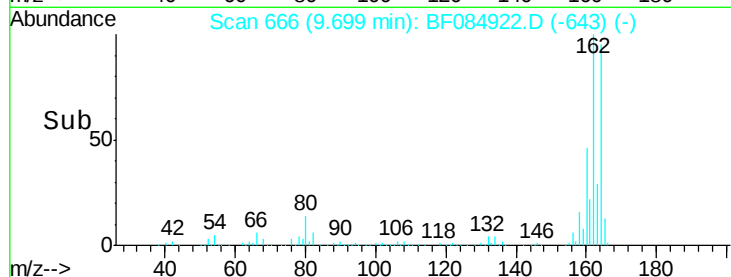
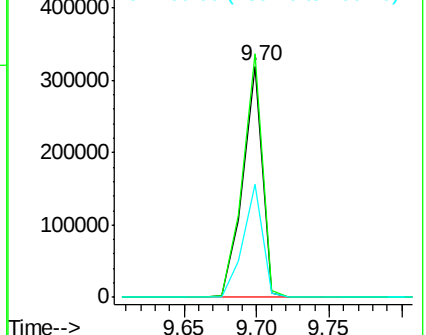
160 48.8 37.5 56.3



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: 19.69 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

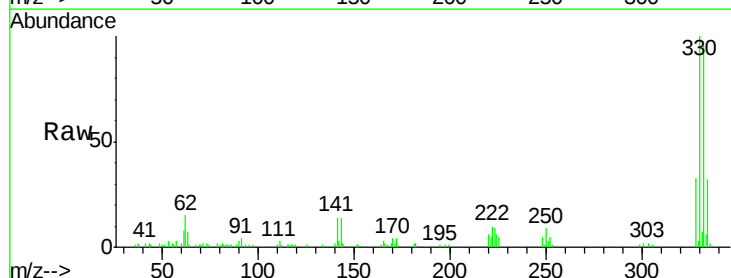
Tgt Ion:330 Resp: 61600

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

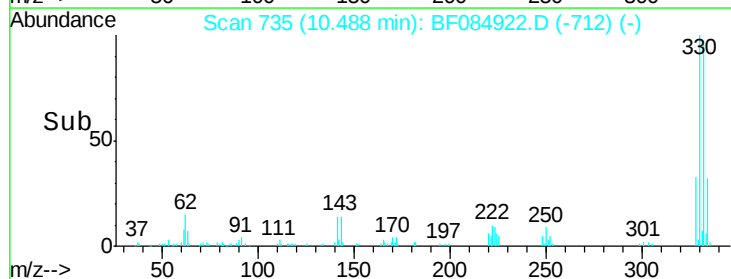
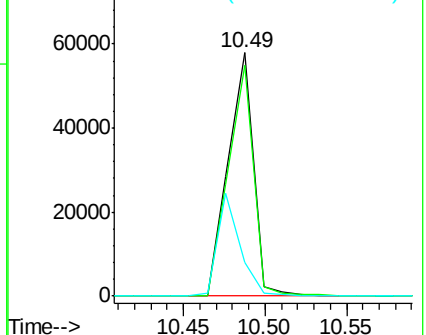
141 37.8 27.8 41.6

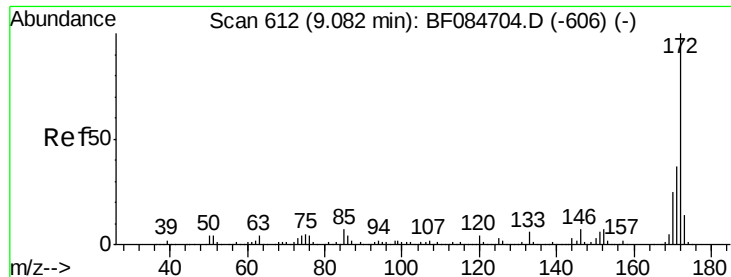


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

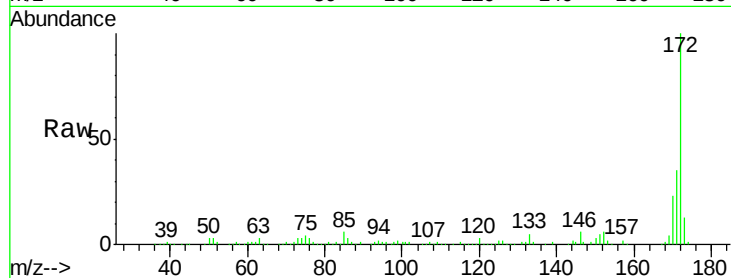




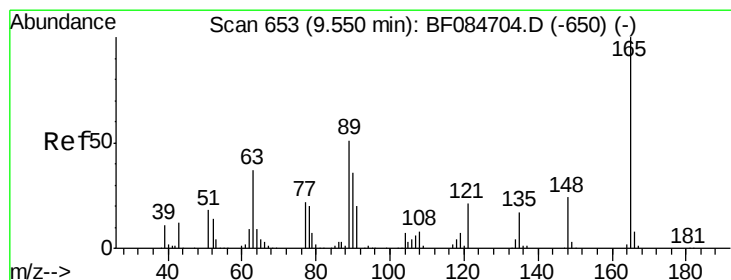
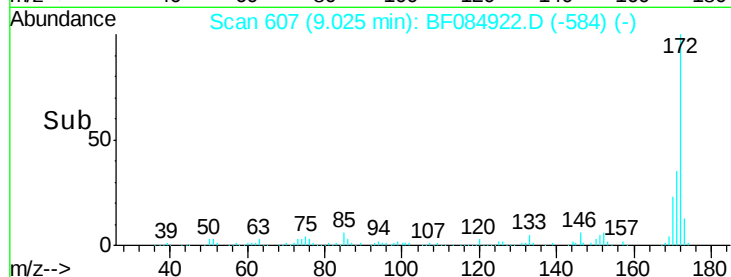
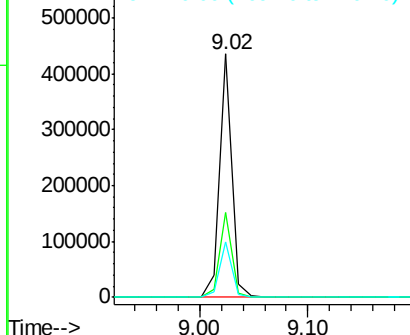
#44
 2-Fluorobiphenyl
 Concen: 14.46 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084922.D
 Acq: 6 Feb 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(1-3)DL

Tgt Ion:172 Resp: 346812
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.9 43.3
 170 22.6 18.6 27.8

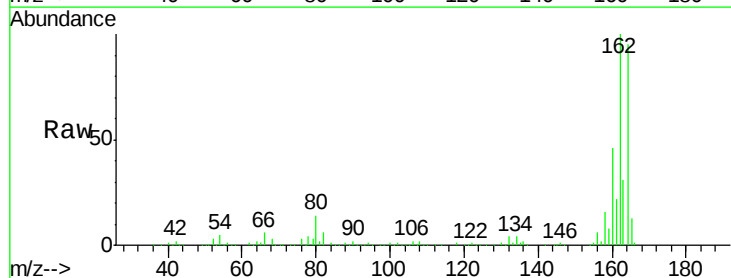


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

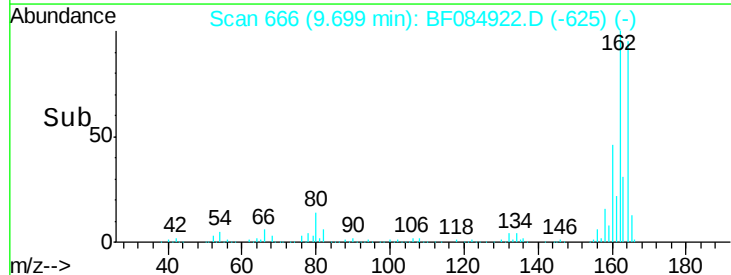
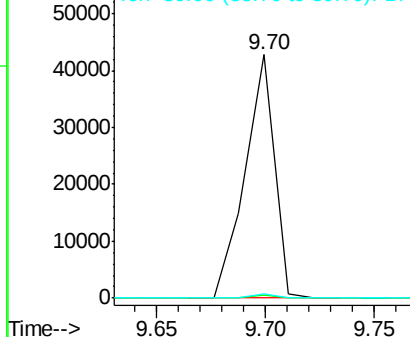


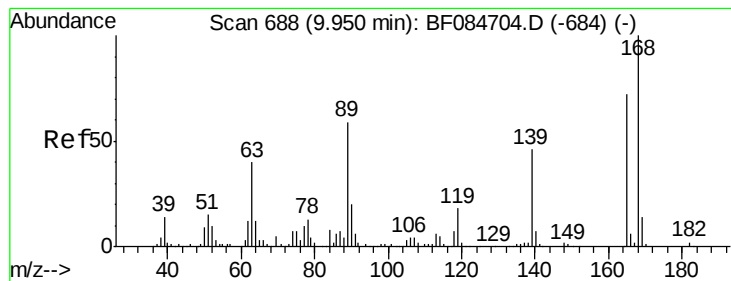
#50
 2,6-Dinitrotoluene
 Concen: 8.02 ng
 RT: 9.70 min Scan# 666
 Delta R.T. 0.17 min
 Lab File: BF084922.D
 Acq: 6 Feb 2016 20:03

Tgt Ion:165 Resp: 40018
 Ion Ratio Lower Upper
 165 100
 63 1.3 28.8 43.2#
 89 1.7 35.1 52.7#



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

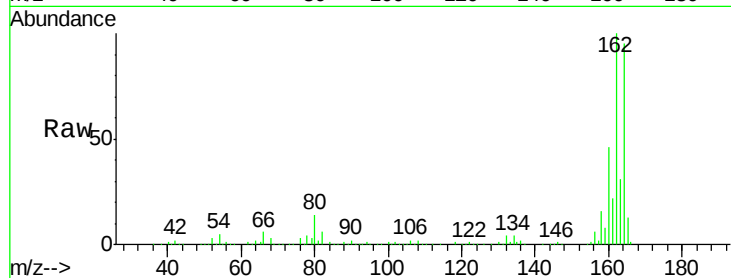




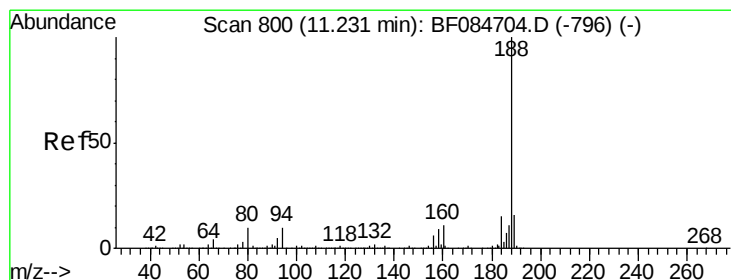
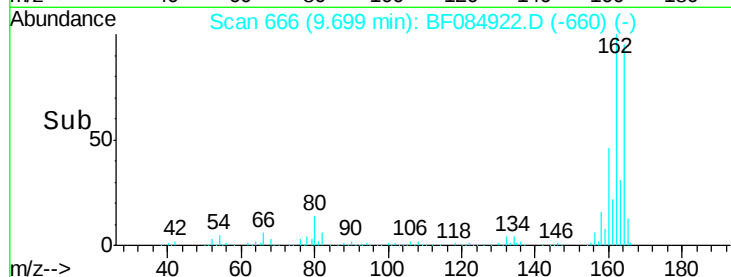
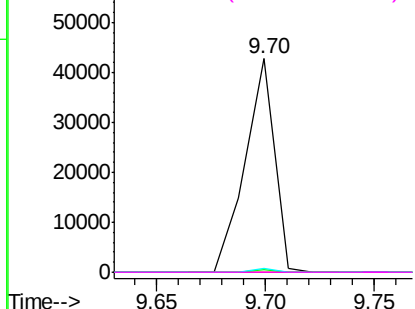
#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084922.D
 Acq: 6 Feb 2016 20:03

Instrument :
 BNA_F
 ClientSampleId :
 S4-B015(1-3)DL

Tgt Ion:165 Resp: 40018
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.7 55.1#
 89 1.7 61.9 92.9#
 182 0.0 2.0 3.0#

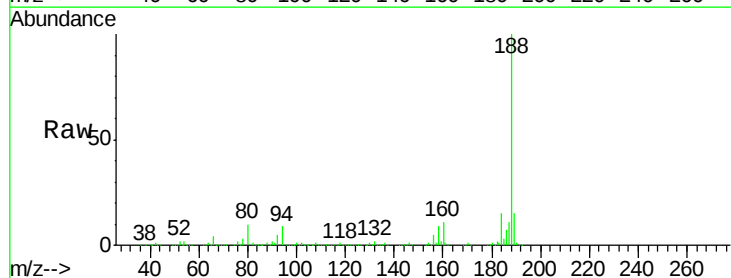


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

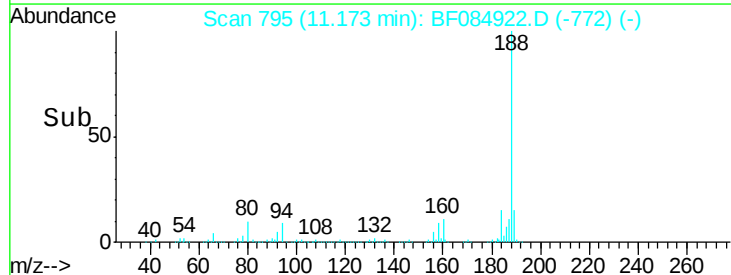
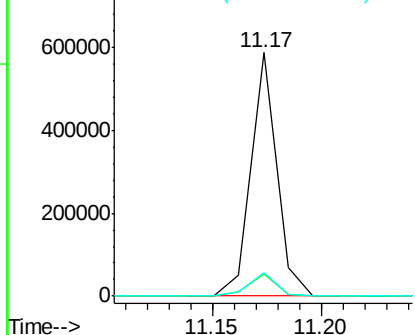


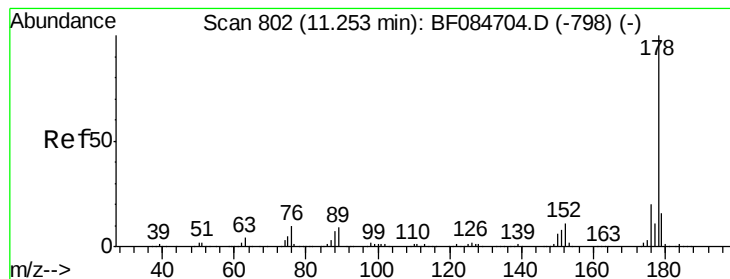
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084922.D
 Acq: 6 Feb 2016 20:03

Tgt Ion:188 Resp: 487726
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.0 13.4
 80 9.6 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





#70

Phenanthrene

Concen: 2.06 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

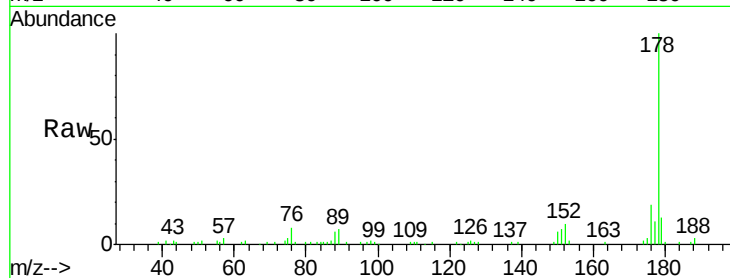
Tgt Ion:178 Resp: 55654

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

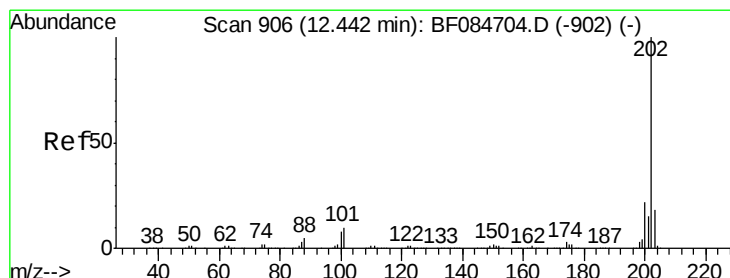
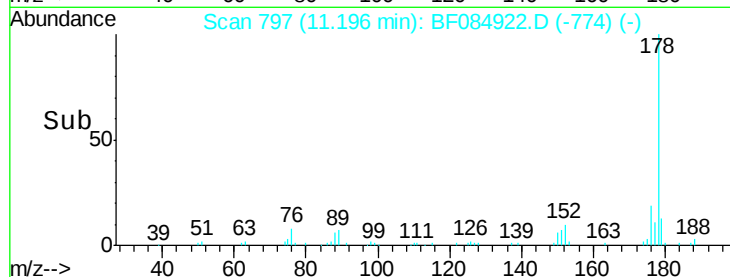
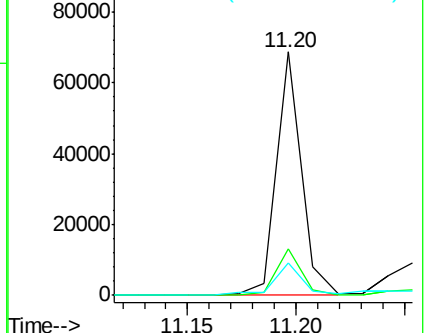
179 13.4 12.0 18.0



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: 2.58 ng

RT: 12.38 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

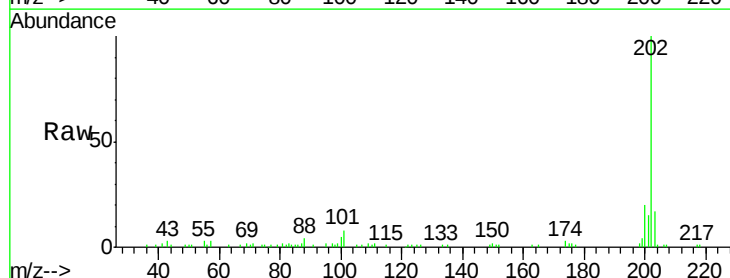
Tgt Ion:202 Resp: 70580

Ion Ratio Lower Upper

202 100

101 7.9 0.0 32.8

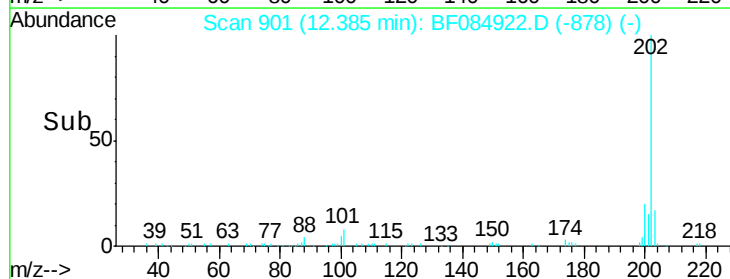
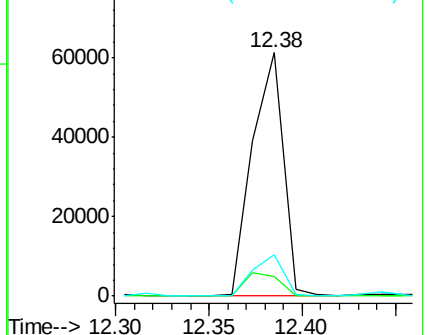
203 17.2 0.0 37.9

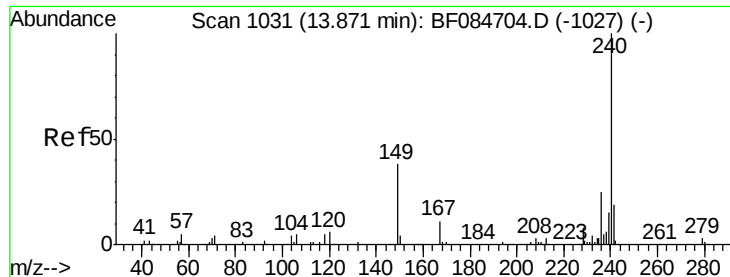


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

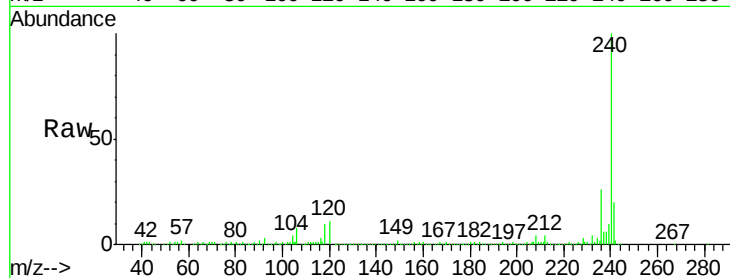
Tgt Ion:240 Resp: 336615

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

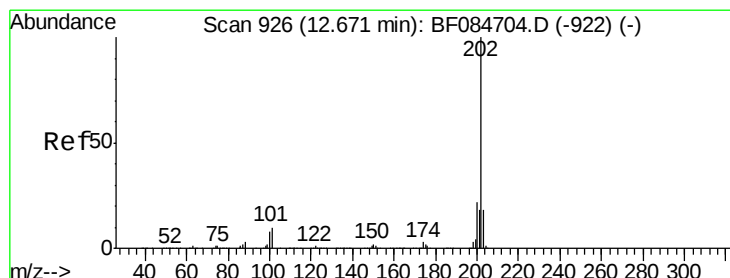
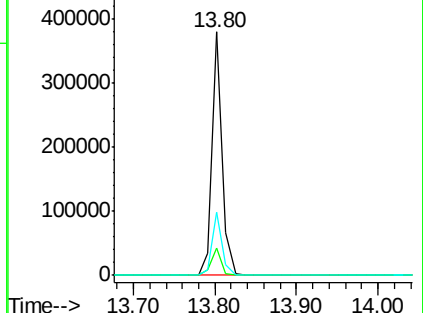
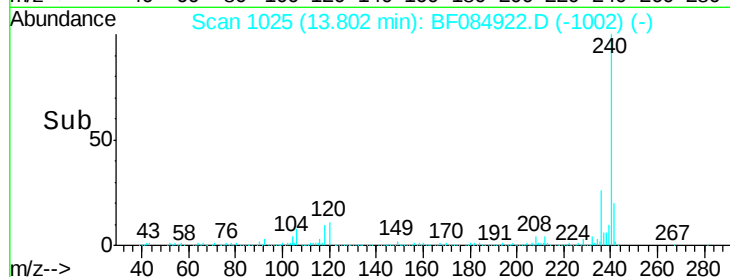
236 25.8 20.6 31.0



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: 2.62 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

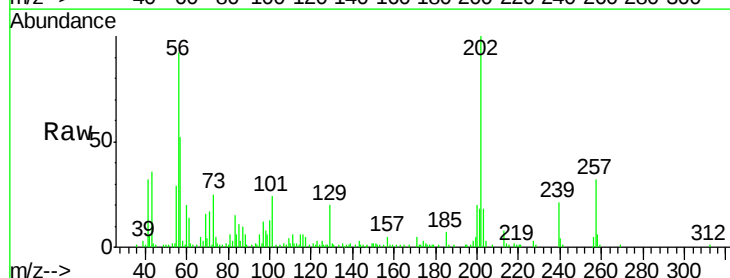
Tgt Ion:202 Resp: 67416

Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

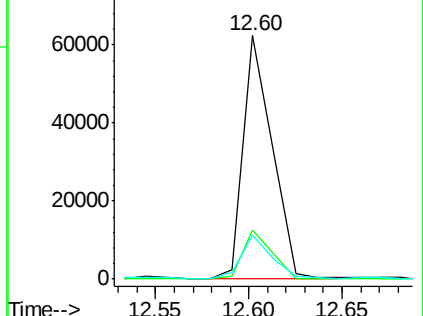
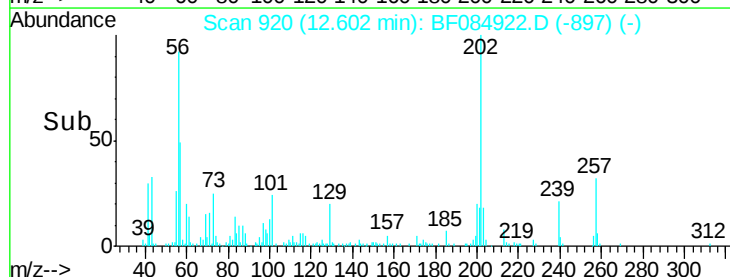
203 18.2 14.3 21.5

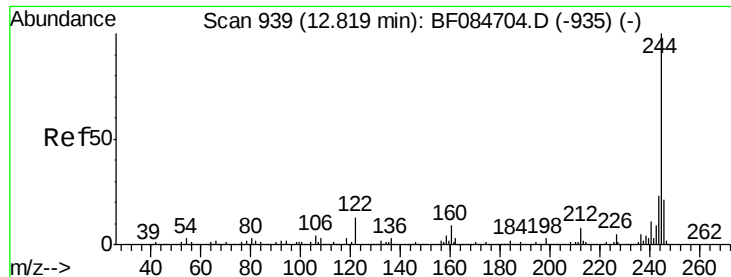


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 14.65 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

Instrument :

BNA_F

ClientSampleId :

S4-B015(1-3)DL

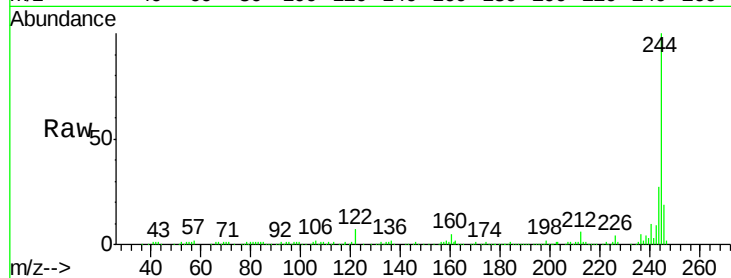
Tgt Ion:244 Resp: 217671

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

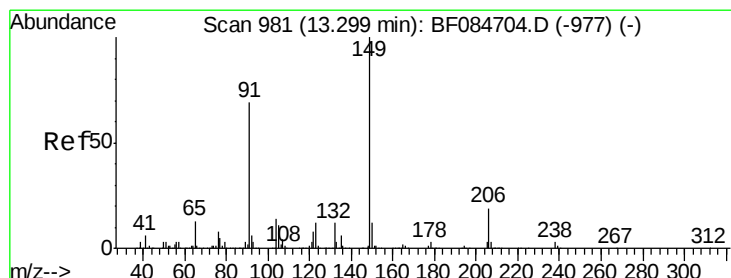
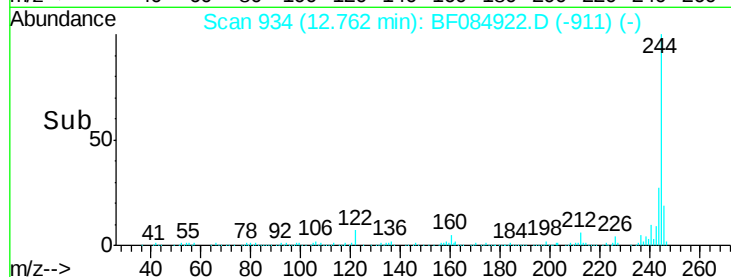
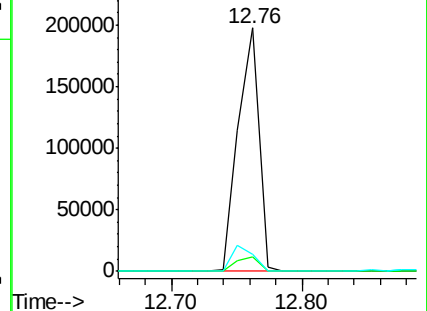
122 7.0 7.4 11.0#



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



#79

Butylbenzylphthalate

Concen: 32.23 ng

RT: 13.24 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF084922.D

Acq: 6 Feb 2016 20:03

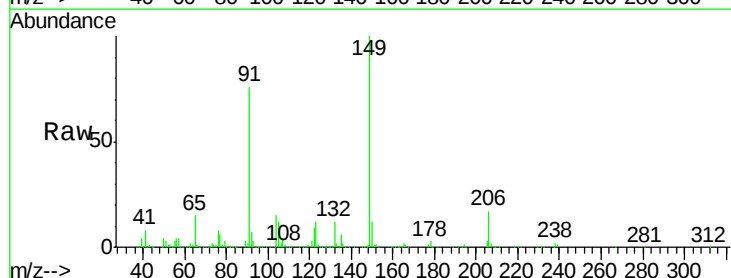
Tgt Ion:149 Resp: 376843

Ion Ratio Lower Upper

149 100

91 76.1 57.6 86.4

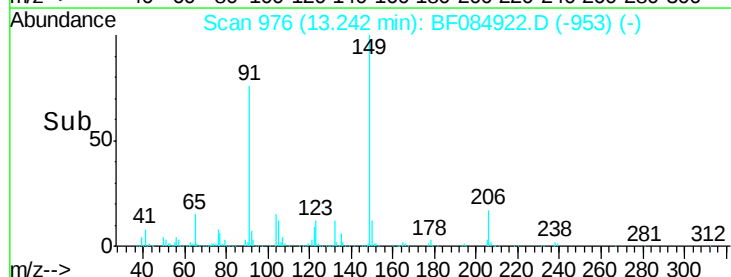
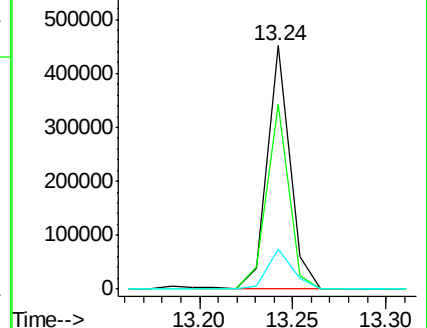
206 16.5 13.2 19.8

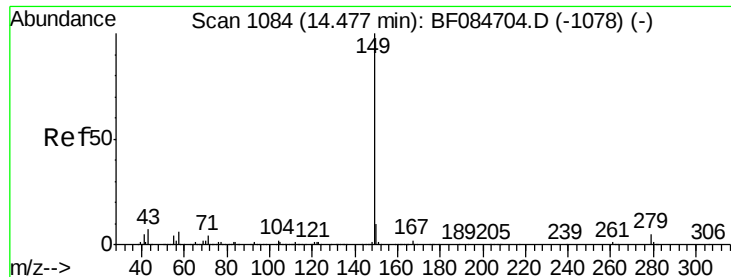


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

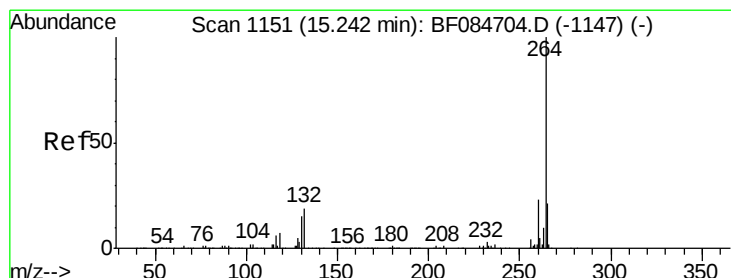
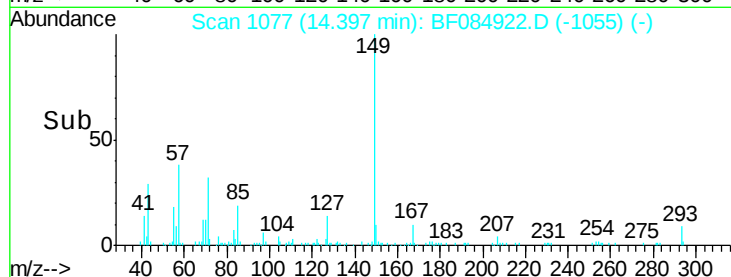
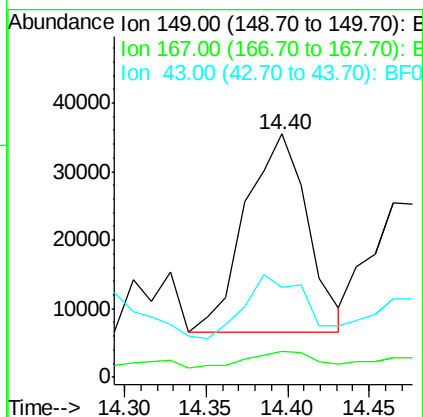
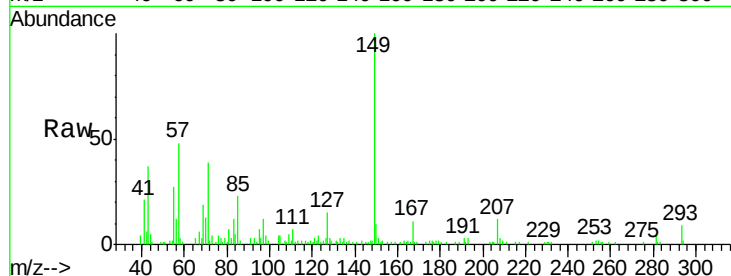




#84
Di-n-octyl phthalate
Concen: 3.18 ng
RT: 14.40 min Scan# 1077
Delta R.T. -0.05 min
Lab File: BF084922.D
Acq: 6 Feb 2016 20:03

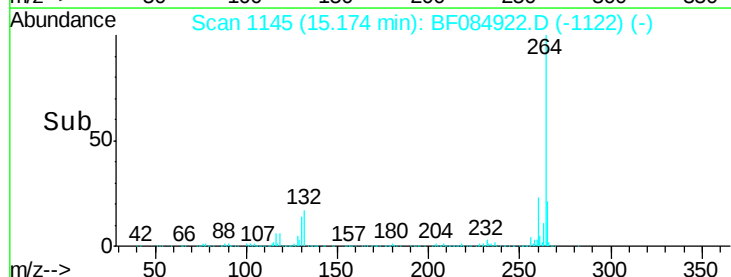
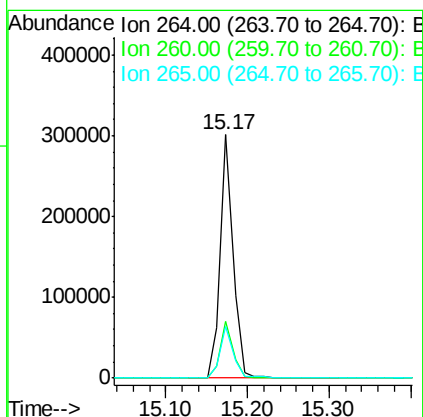
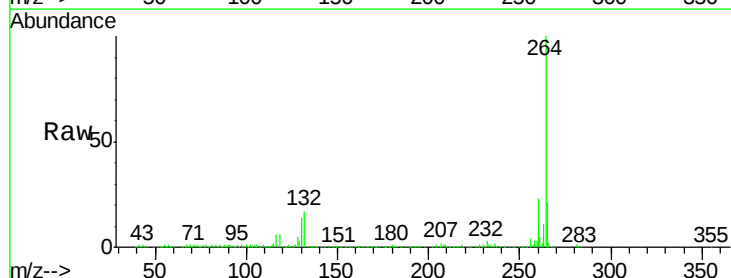
Instrument :
BNA_F
ClientSampleId :
S4-B015(1-3)DL

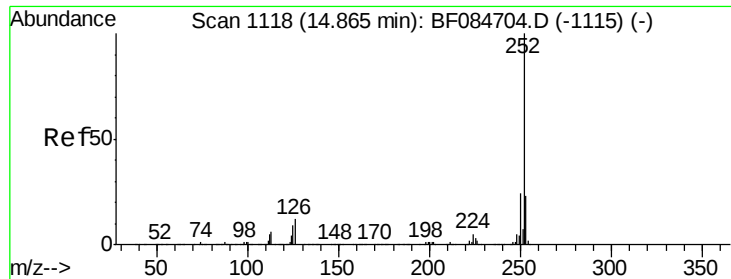
Tgt Ion:149 Resp: 76262
Ion Ratio Lower Upper
149 100
167 11.1 1.2 1.8#
43 31.9 5.6 8.4#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084922.D
Acq: 6 Feb 2016 20:03

Tgt Ion:264 Resp: 332329
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 21.4 17.8 26.6

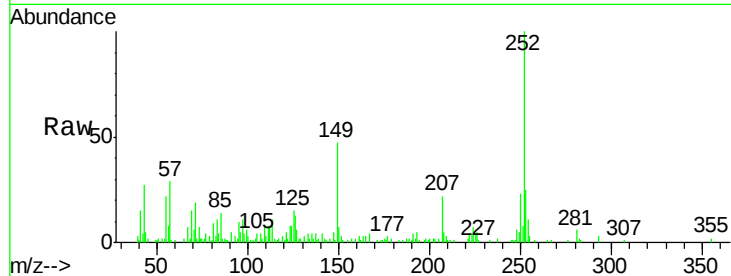




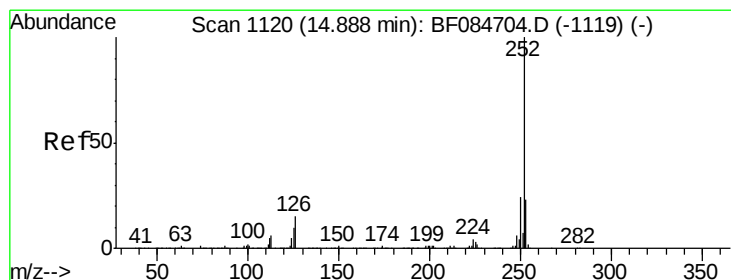
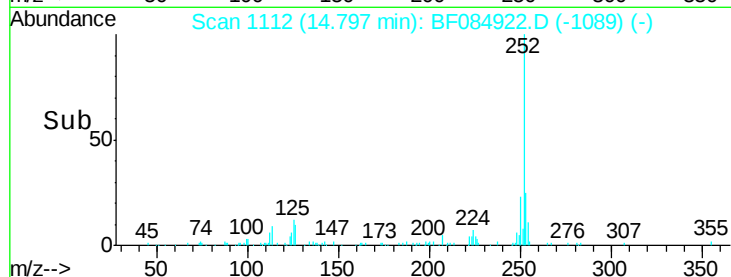
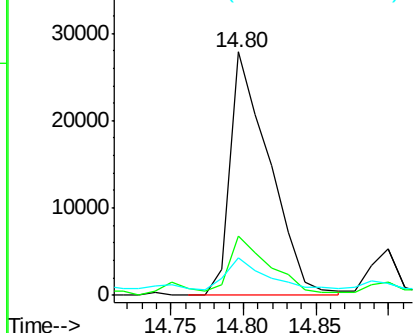
#87
Benzo(b)fluoranthene
Concen: 2.34 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084922.D
Acq: 6 Feb 2016 20:03

Instrument :
BNA_F
ClientSampleId :
S4-B015(1-3)DL

Tgt Ion:252 Resp: 52334
Ion Ratio Lower Upper
252 100
253 24.6 17.3 25.9
125 15.4 6.5 9.7#

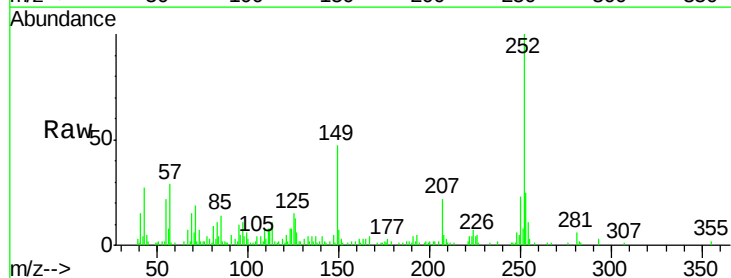


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.83 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084922.D
Acq: 6 Feb 2016 20:03

Tgt Ion:252 Resp: 52334
Ion Ratio Lower Upper
252 100
253 24.6 18.1 27.1
125 15.4 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

