

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011116\
 Data File : BF084382.D
 Acq On : 11 Jan 2016 16:25
 Operator : SJ/UM
 Sample : PB87733BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

Quant Time: Jan 12 01:41:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

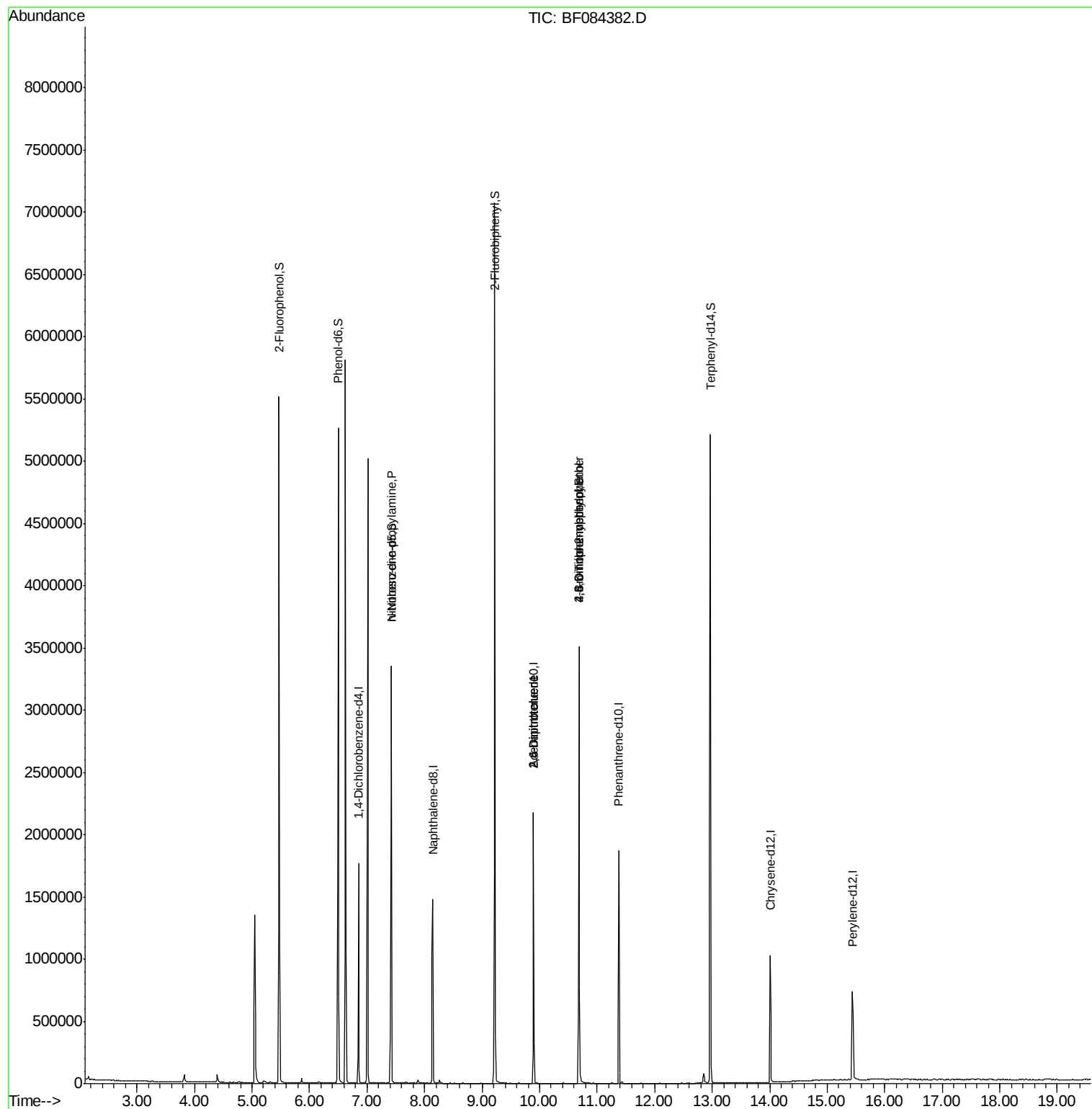
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	229260	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	882322	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	399537	20.00	ng	-0.06
63) Phenanthrene-d10	11.38	188	659900	20.00	ng	-0.05
75) Chrysene-d12	14.01	240	423183	20.00	ng	-0.06
86) Perylene-d12	15.44	264	372088	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1462664	103.19	ng	-0.02
7) Phenol-d6	6.50	99	1764612	99.13	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1403501	88.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	399019	98.92	ng	-0.06
44) 2-Fluorobiphenyl	9.22	172	2002894	88.44	ng	-0.05
78) Terphenyl-d14	12.97	244	1604734	84.65	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	194346	16.13	ng	# 75
50) 2,6-Dinitrotoluene	9.89	165	51764	8.26	ng	# 37
56) 2,4-Dinitrotoluene	9.89	165	51766	6.53	ng	# 21
57) Fluorene	10.68	166	16718	Below Cal		# 91
64) 4,6-Dinitro-2-methylphenol	10.68	198	610	6.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	24651	3.47	ng	# 1

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

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Quant Time: Jan 12 01:41:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

BNA_F

ClientSampleId :

PB87733BL

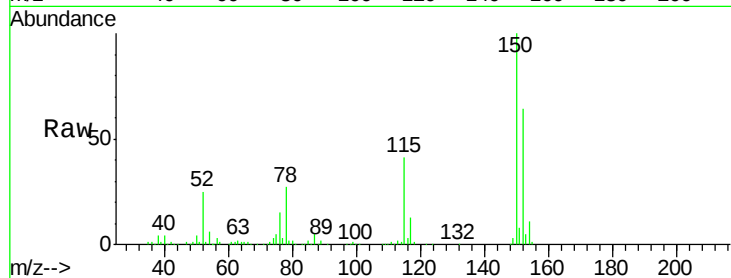
Tgt Ion:152 Resp: 229260

Ion Ratio Lower Upper

152 100

150 156.3 123.0 184.4

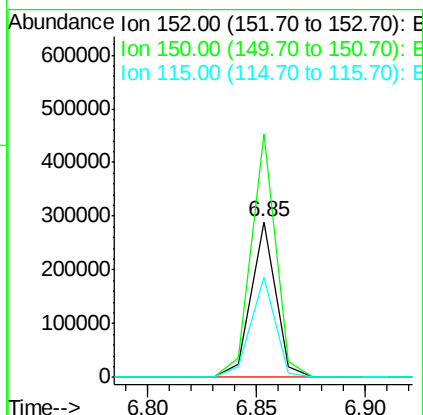
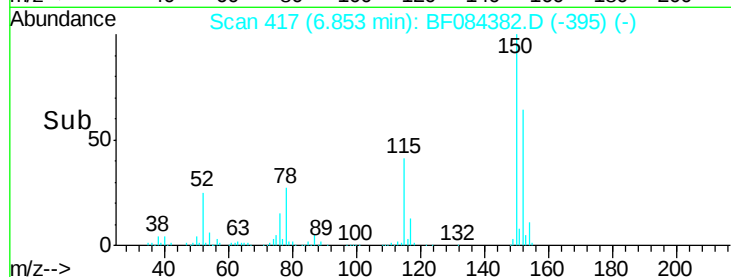
115 64.7 51.4 77.2



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: 103.19 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

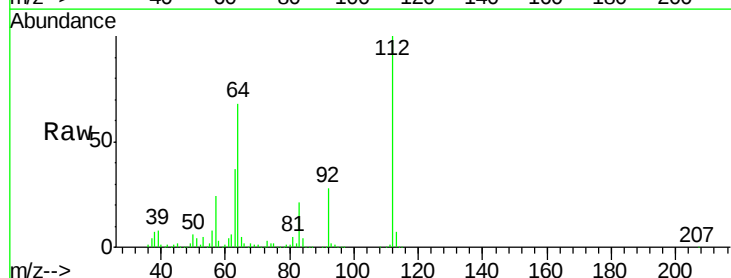
Tgt Ion:112 Resp: 1462664

Ion Ratio Lower Upper

112 100

64 68.4 36.6 55.0#

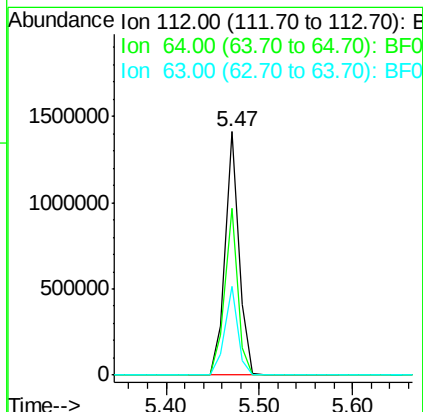
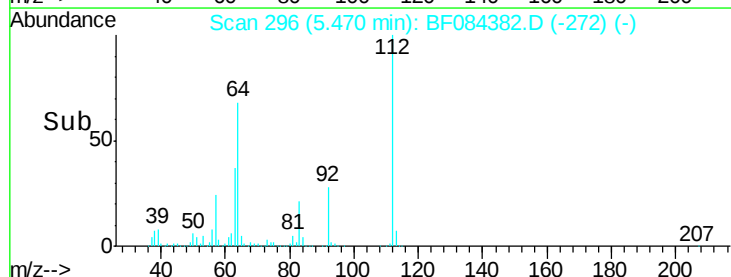
63 36.6 19.4 29.0#

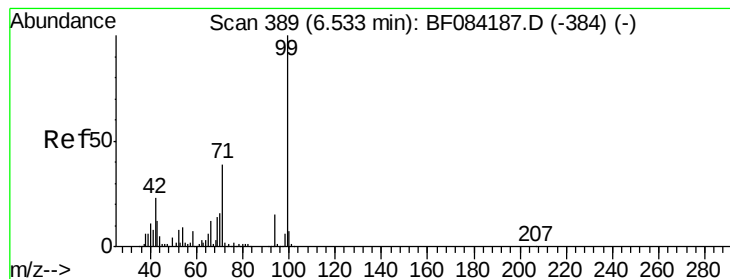


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.13 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

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ClientSampleId :

PB87733BL

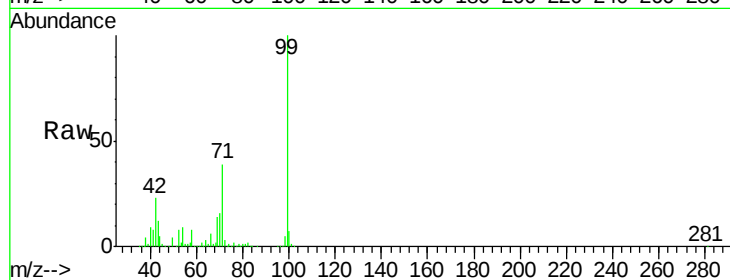
Tgt Ion: 99 Resp: 1764612

Ion Ratio Lower Upper

99 100

42 22.7 12.8 19.2#

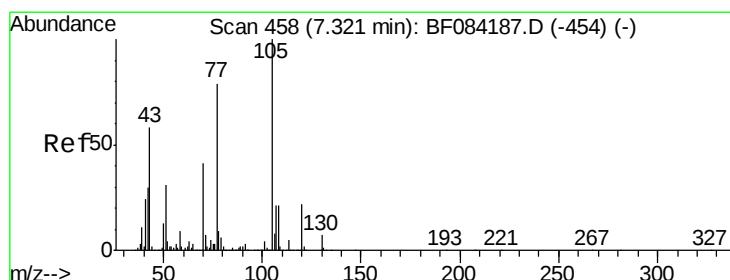
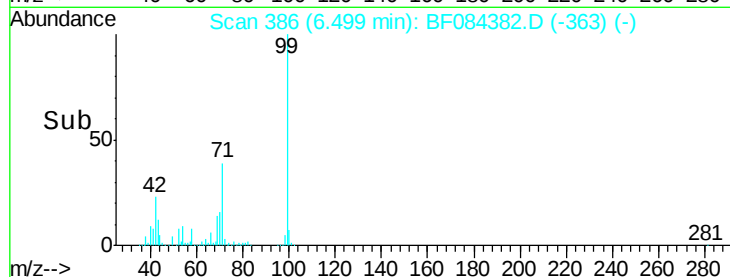
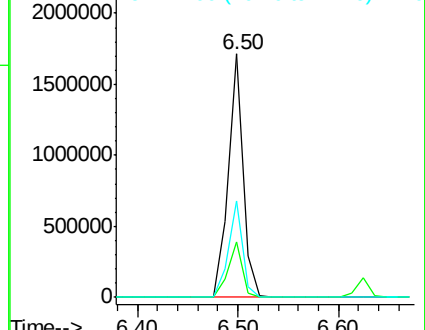
71 39.4 30.9 46.3



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: 16.13 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.10 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Tgt Ion: 70 Resp: 194346

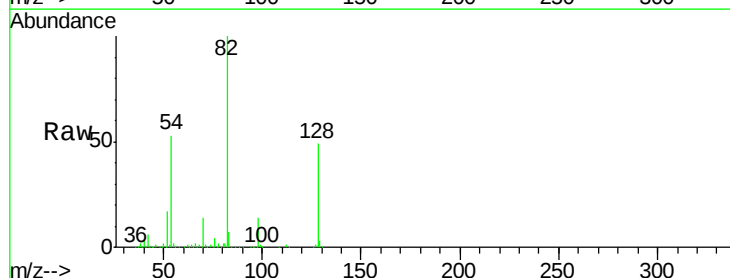
Ion Ratio Lower Upper

70 100

42 45.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.7 23.4 35.0#

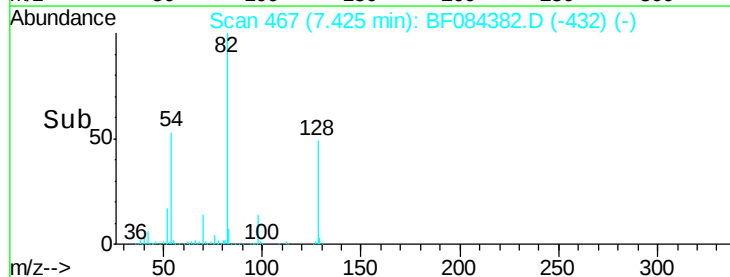
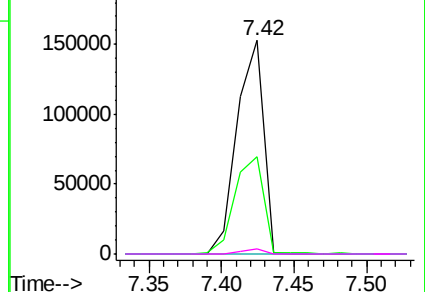


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.14 min Scan# 530

Delta R.T. -0.05 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

BNA_F

ClientSampleId :

PB87733BL

Tgt Ion:136 Resp: 882322

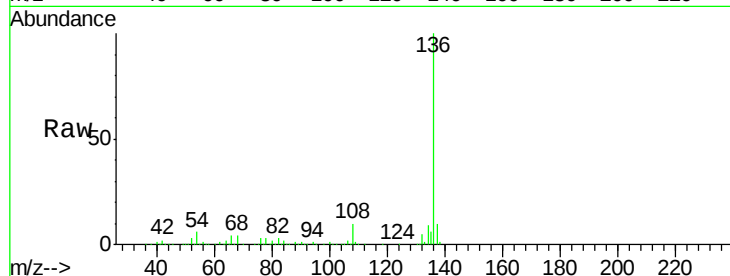
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.1 5.8 8.8

68 3.8 4.2 6.2#

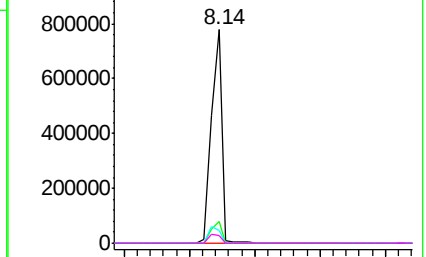
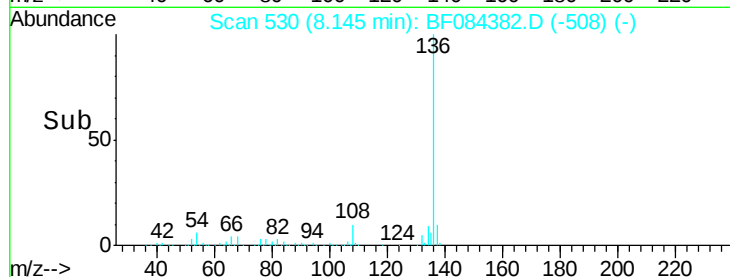


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.53 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.05 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

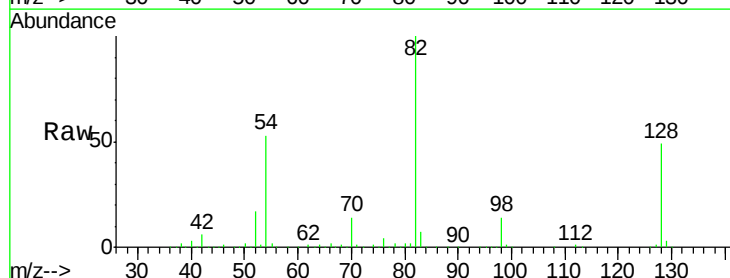
Tgt Ion: 82 Resp: 1403501

Ion Ratio Lower Upper

82 100

128 48.6 34.6 51.8

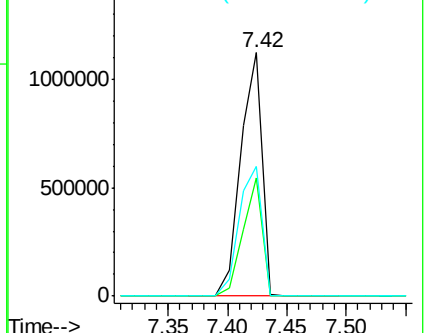
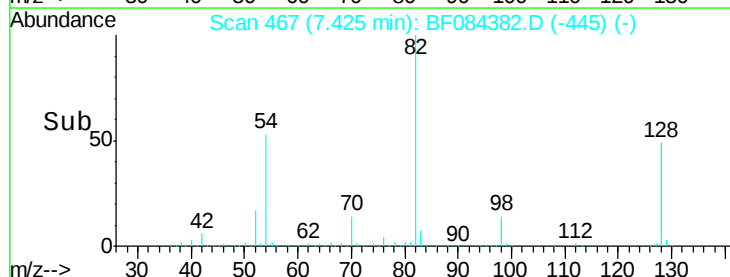
54 53.3 38.4 57.6

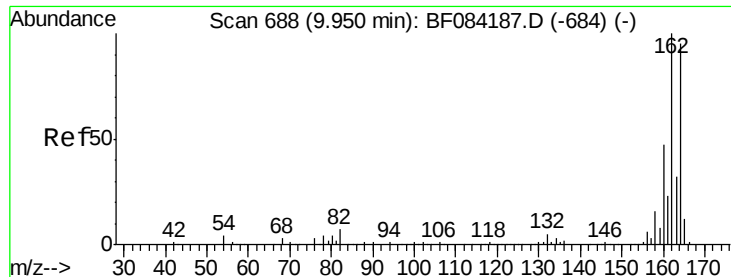


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.89 min Scan# 683

Delta R.T. -0.06 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

BNA_F

ClientSampleId :

PB87733BL

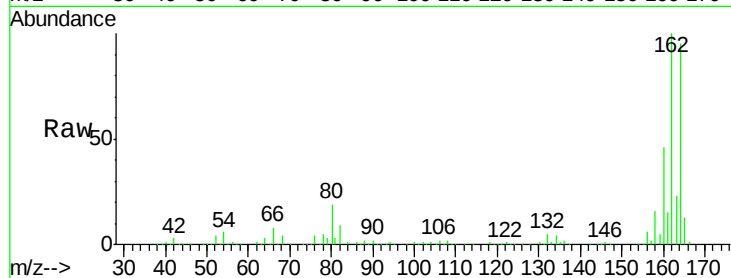
Tgt Ion:164 Resp: 399537

Ion Ratio Lower Upper

164 100

162 105.2 85.1 127.7

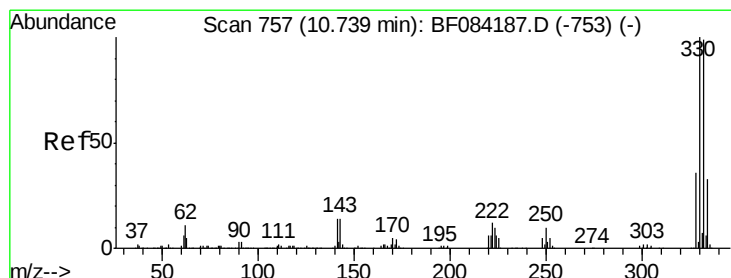
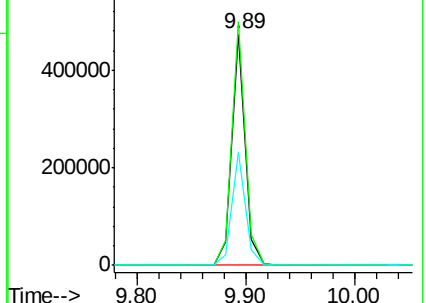
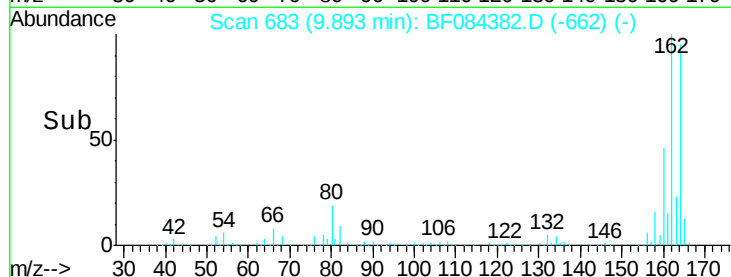
160 48.7 37.5 56.3



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: 98.92 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.06 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

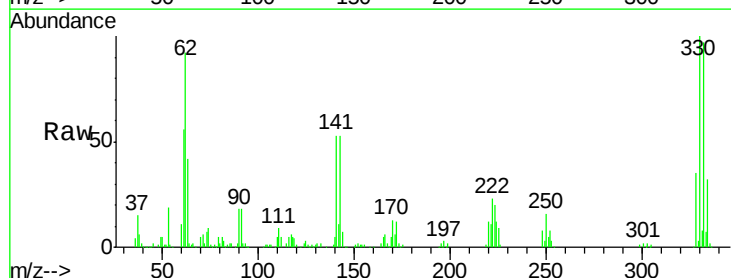
Tgt Ion:330 Resp: 399019

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

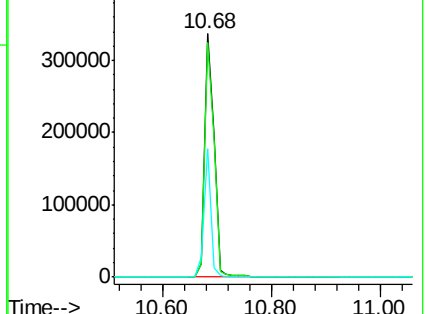
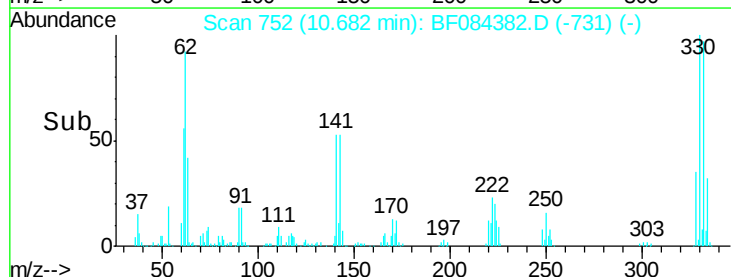
141 39.0 27.8 41.6

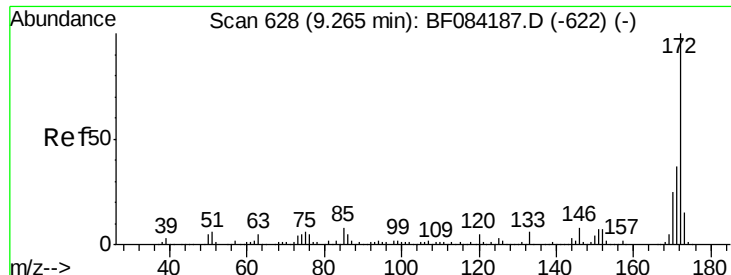


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

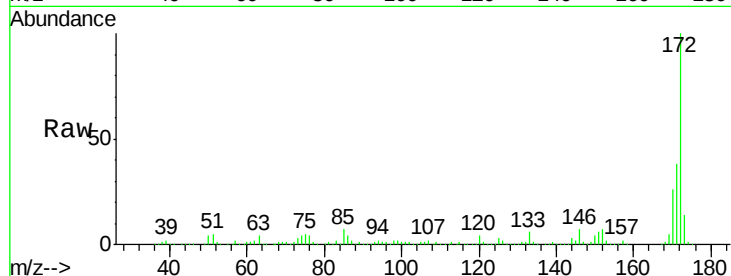




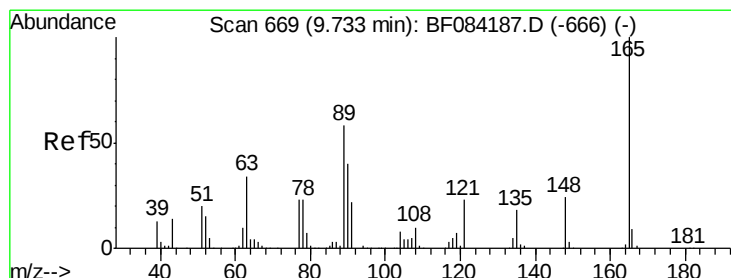
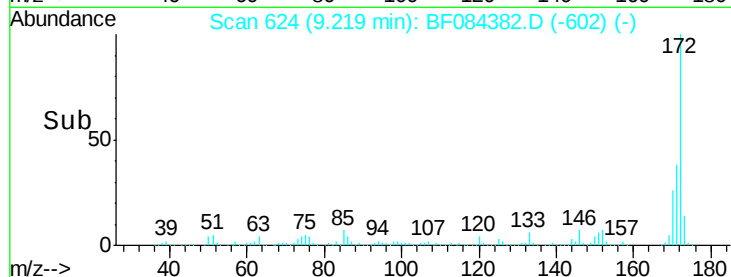
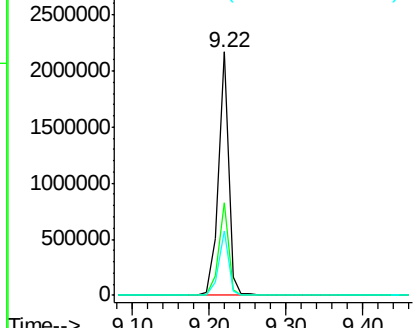
#44
 2-Fluorobiphenyl
 Concen: 88.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB87733BL

Tgt Ion:172 Resp: 2002894
 Ion Ratio Lower Upper
 172 100
 171 38.2 28.9 43.3
 170 26.4 18.6 27.8

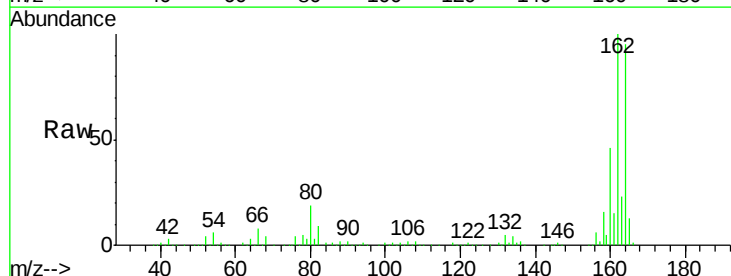


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

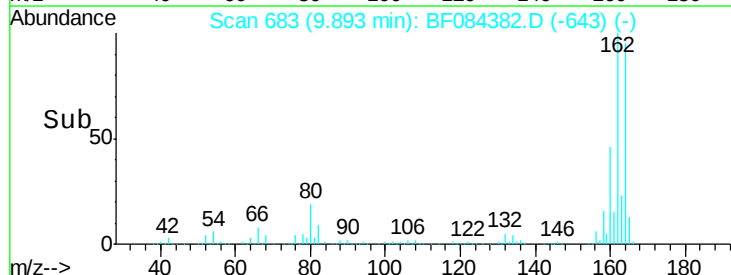
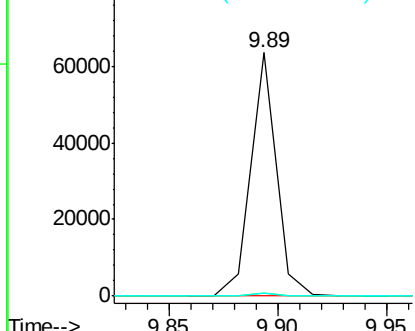


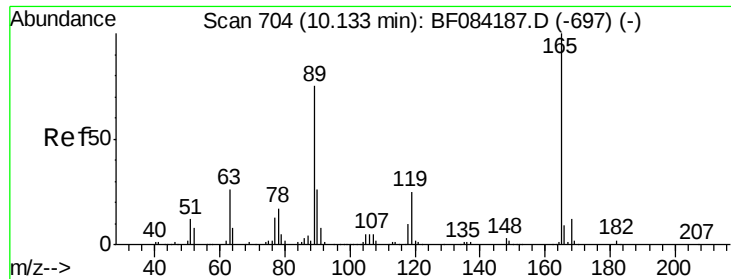
#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.16 min
 Lab File: BF084382.D
 Acq: 11 Jan 2016 16:25

Tgt Ion:165 Resp: 51764
 Ion Ratio Lower Upper
 165 100
 63 1.0 28.8 43.2#
 89 1.4 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

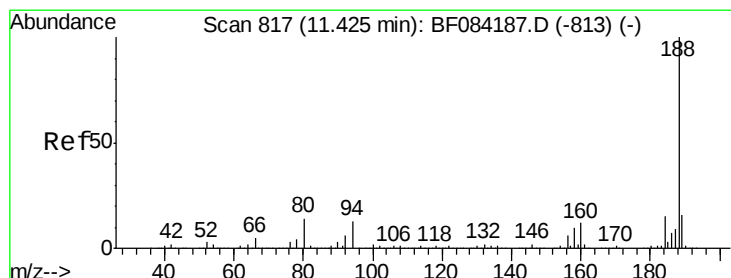
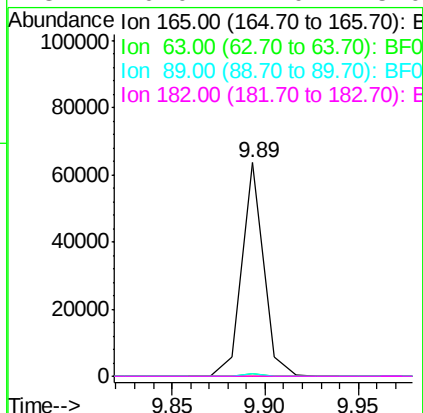
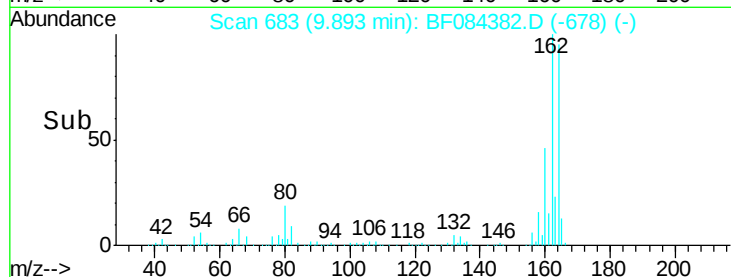
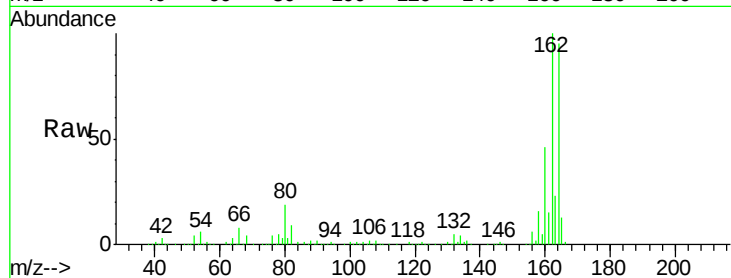




#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.24 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

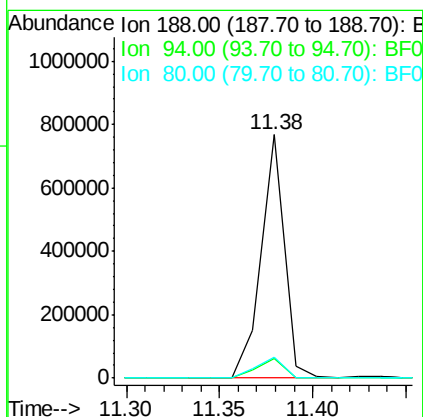
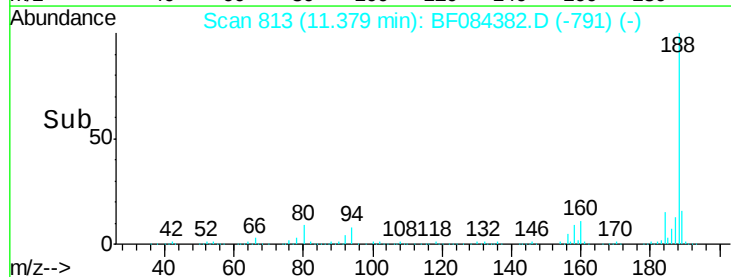
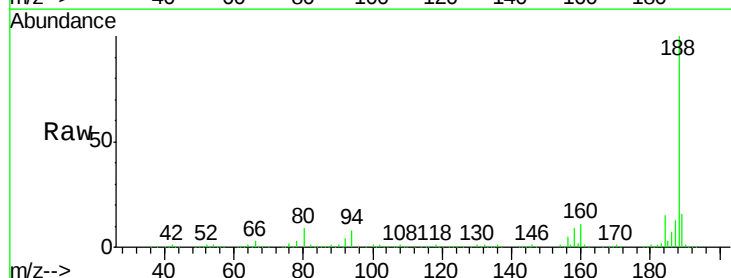
Instrument :
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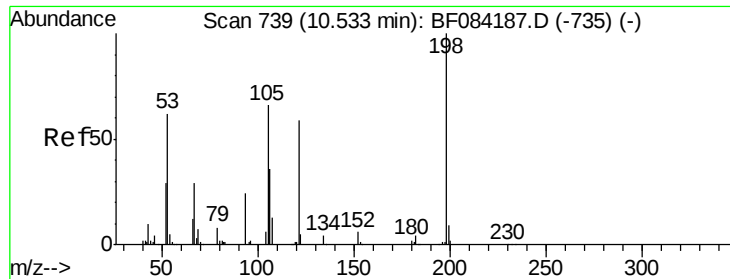
Tgt Ion:165 Resp: 51766
Ion Ratio Lower Upper
165 100
63 1.0 36.7 55.1#
89 1.4 61.9 92.9#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.05 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

Tgt Ion:188 Resp: 659900
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.4#
80 8.5 9.6 14.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 6.54 ng

RT: 10.68 min Scan# 752

Delta R.T. 0.15 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

BNA_F

ClientSampleId :

PB87733BL

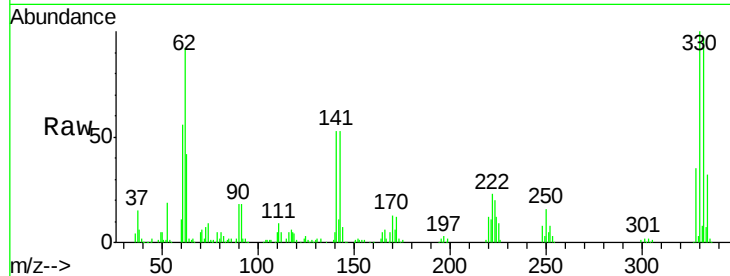
Tgt Ion:198 Resp: 610

Ion Ratio Lower Upper

198 100

51 330.3 18.9 58.9#

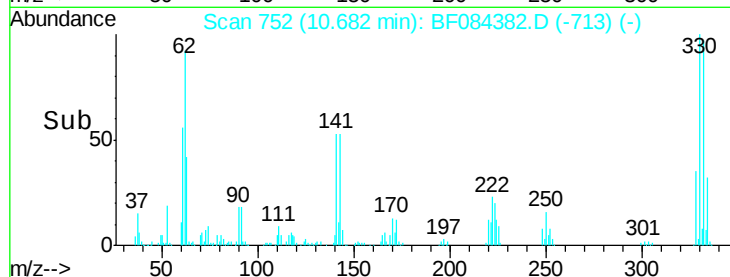
105 258.7 26.4 66.4#



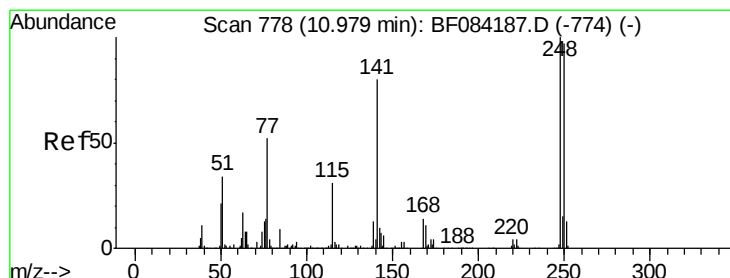
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.47 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.30 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

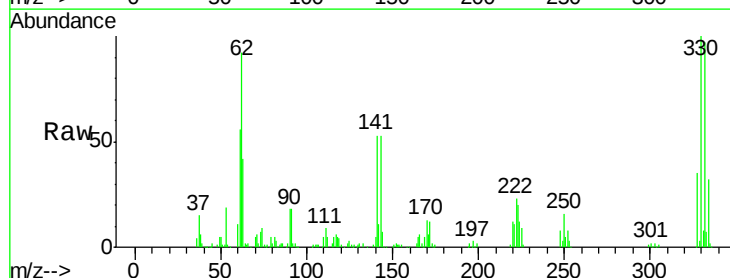
Tgt Ion:248 Resp: 24651

Ion Ratio Lower Upper

248 100

250 193.2 78.4 117.6#

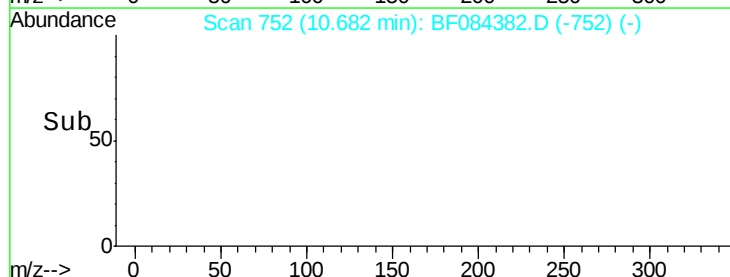
141 651.0 44.0 66.0#



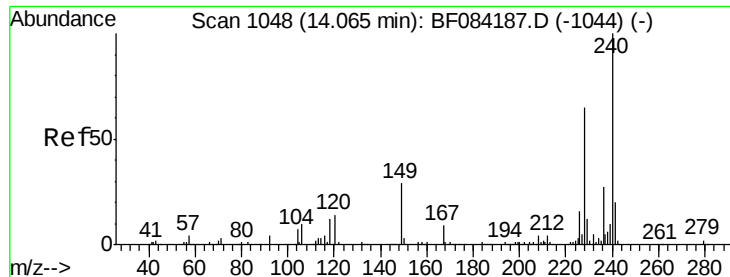
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

Instrument :

BNA_F

ClientSampleId :

PB87733BL

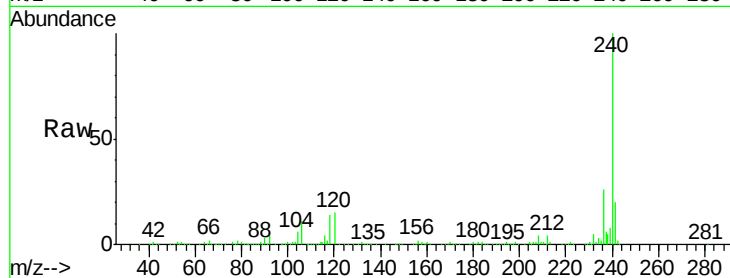
Tgt Ion:240 Resp: 423183

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

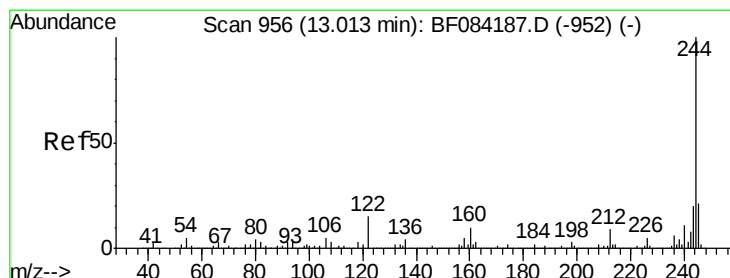
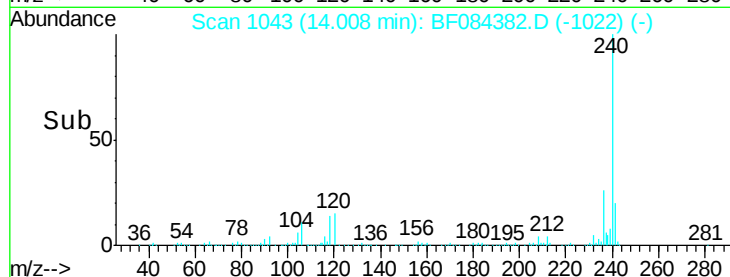
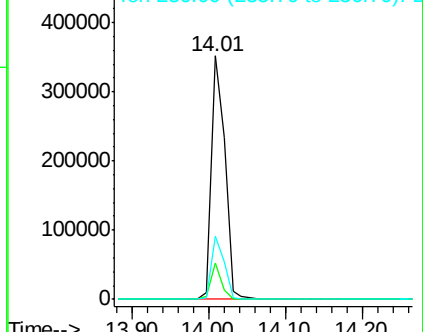
236 26.1 20.6 31.0



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



#78

Terphenyl-d14

Concen: 84.65 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.05 min

Lab File: BF084382.D

Acq: 11 Jan 2016 16:25

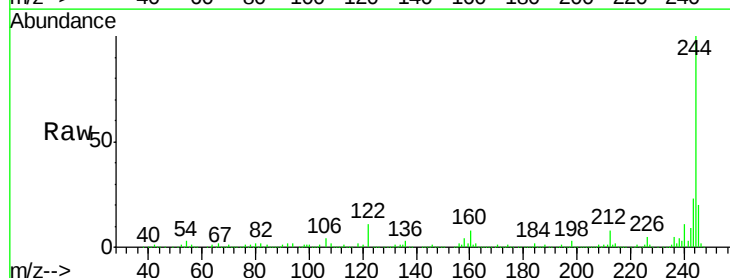
Tgt Ion:244 Resp: 1604734

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

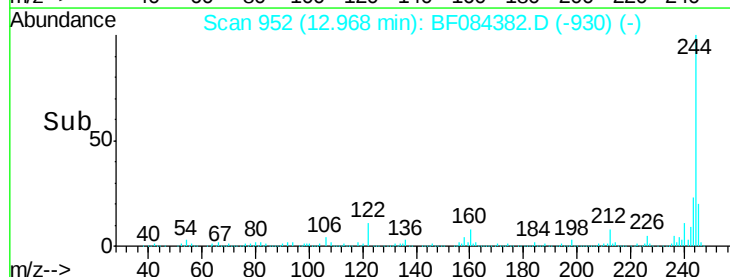
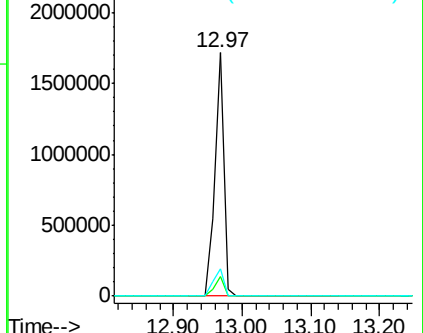
122 11.0 7.4 11.0

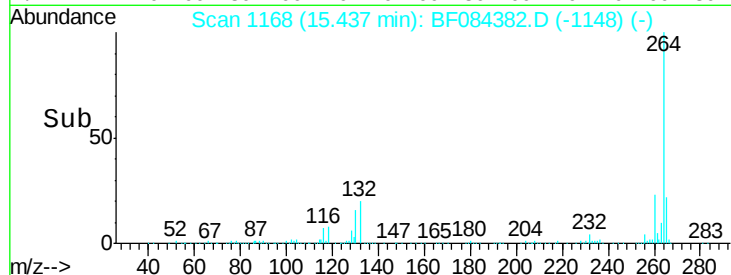
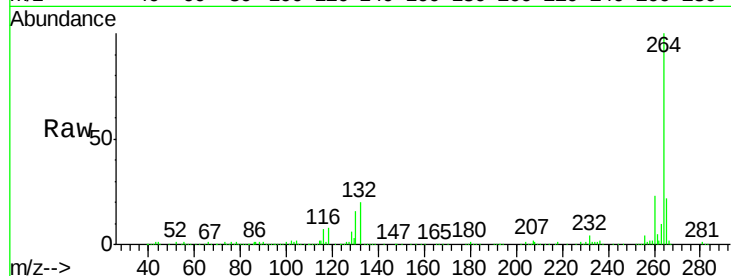
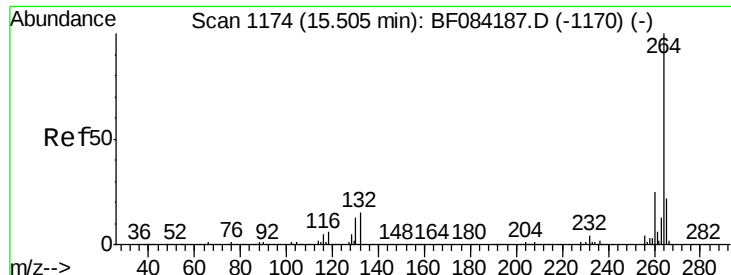


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF084382.D
Acq: 11 Jan 2016 16:25

Instrument :
BNA_F
ClientSampleId :
PB87733BL

Tgt Ion:	264	Resp:	372088
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	21.9	17.8	26.6

