

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020916\
 Data File : BF084946.D
 Acq On : 9 Feb 2016 12:30
 Operator : SJ/IZ
 Sample : H1374-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PCPG4B

Quant Time: Feb 10 03:20:36 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

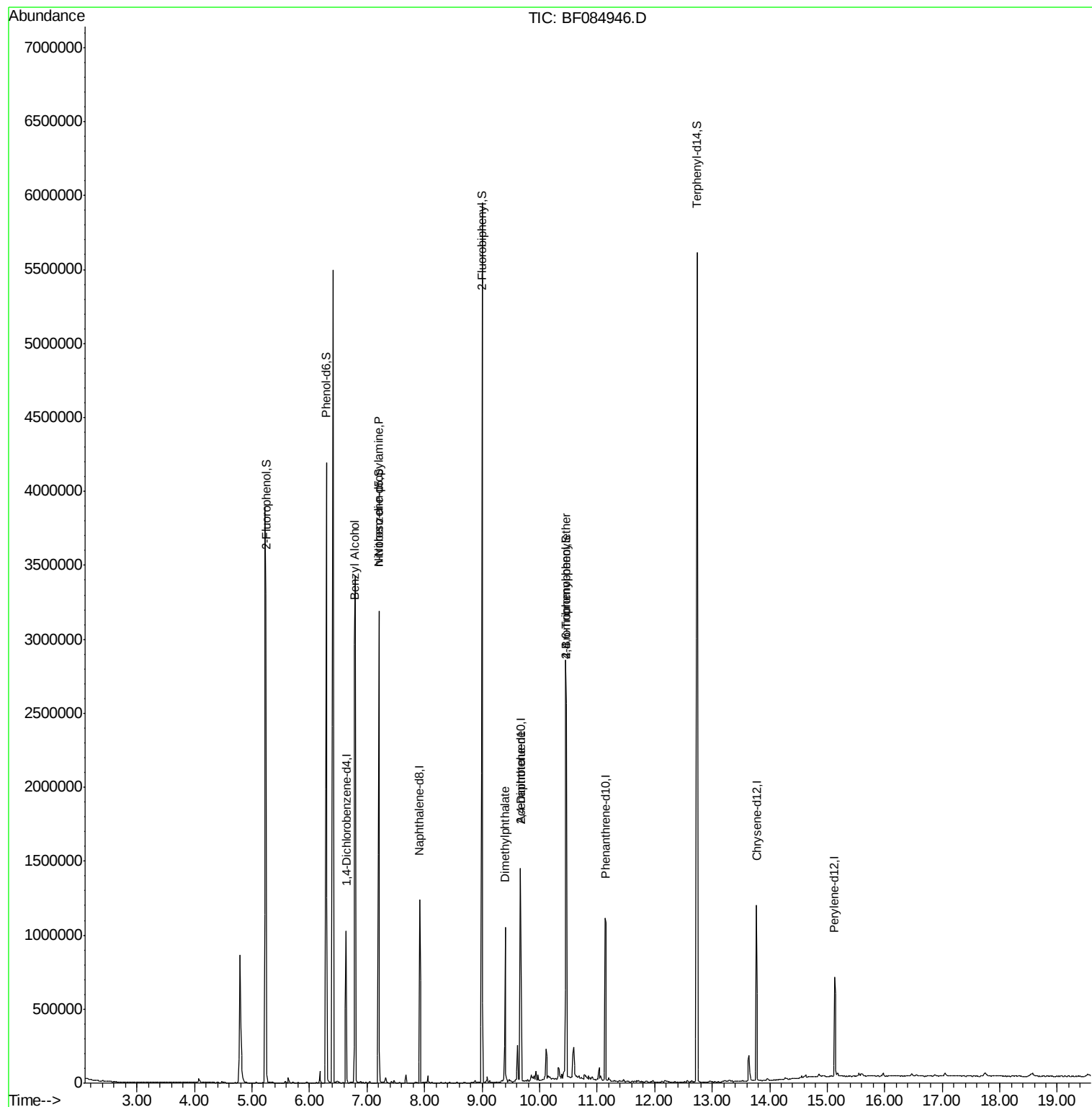
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	177662	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	710632	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	332541	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	613250	20.00	ng	-0.06
75) Chrysene-d12	13.77	240	472688	20.00	ng	-0.07
86) Perylene-d12	15.13	264	357352	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1665987	146.06	ng	-0.03
7) Phenol-d6	6.29	99	1827111	129.21	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1180283	93.56	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	579714	167.13	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1966746	110.88	ng	-0.06
78) Terphenyl-d14	12.74	244	1978118	94.83	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.78	79	21414	2.19	ng	# 48
19) n-Nitroso-di-n-propylamine	7.21	70	163932	18.49	ng	# 72
49) Dimethylphthalate	9.40	163	404059	15.95	ng	# 91
56) 2,4-Dinitrotoluene	9.66	165	43173	6.12	ng	# 21
66) 4-Bromophenyl-phenylether	10.46	248	35299	5.21	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

PCPG4B

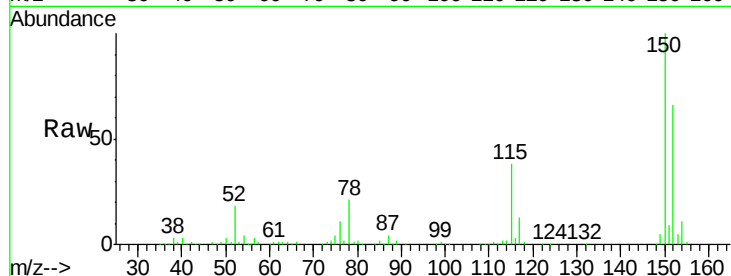
Tgt Ion:152 Resp: 177662

Ion Ratio Lower Upper

152 100

150 151.0 123.0 184.4

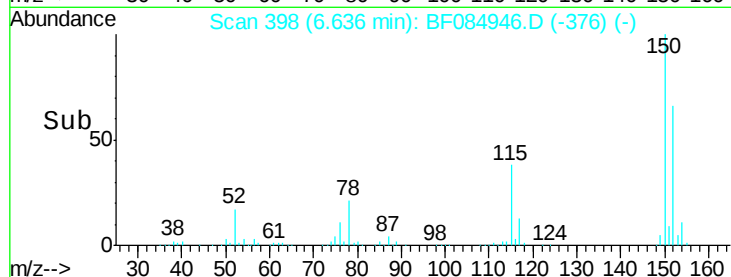
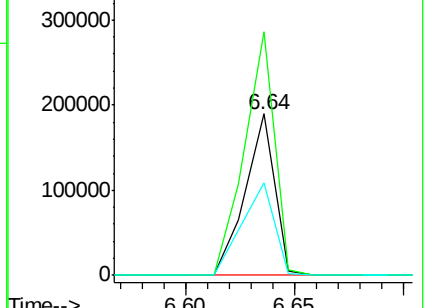
115 57.2 51.4 77.2



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: 146.06 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

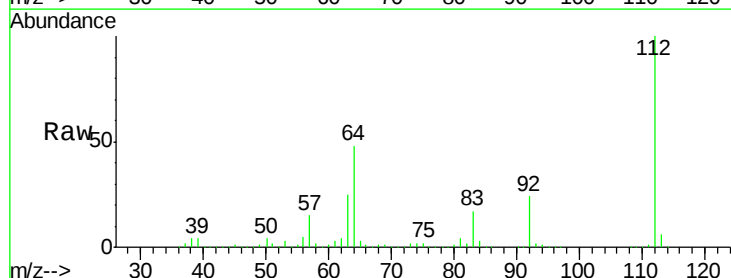
Tgt Ion:112 Resp: 1665987

Ion Ratio Lower Upper

112 100

64 48.4 36.6 55.0

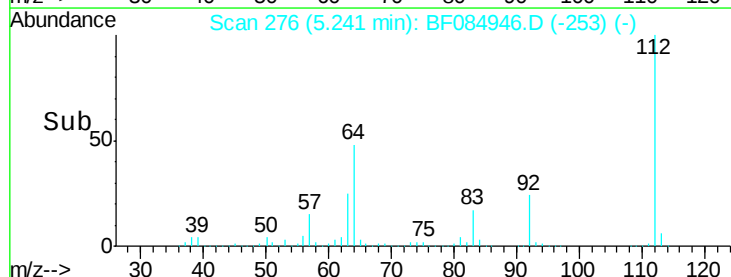
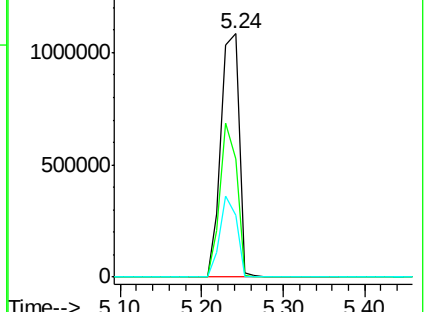
63 25.3 19.4 29.0



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: 129.21 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

PCPG4B

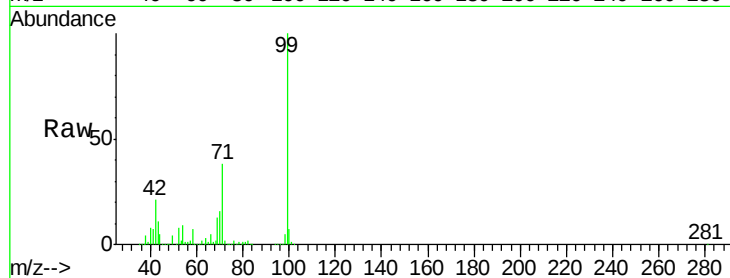
Tgt Ion: 99 Resp: 1827111

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

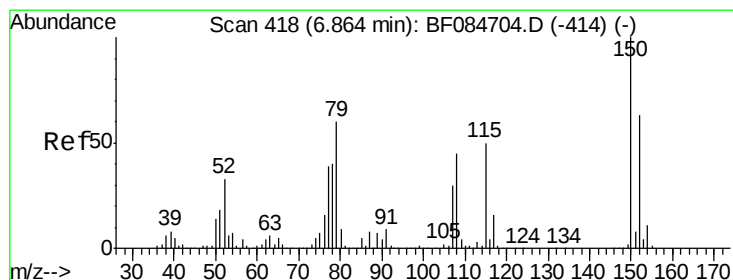
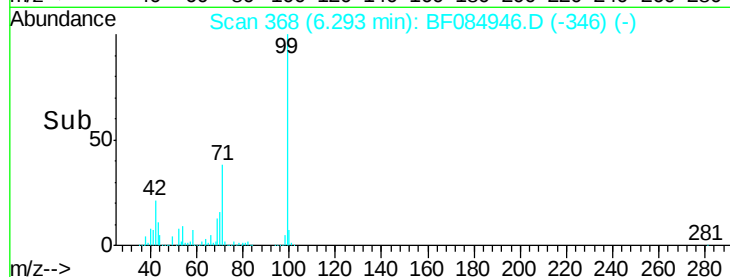
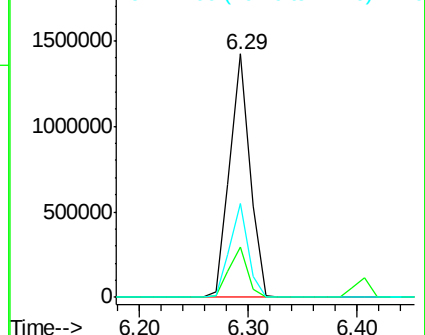
71 38.4 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.06 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

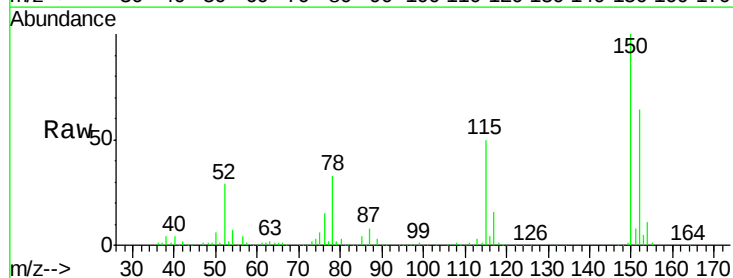
Tgt Ion: 79 Resp: 21414

Ion Ratio Lower Upper

79 100

108 25.2 69.0 103.4#

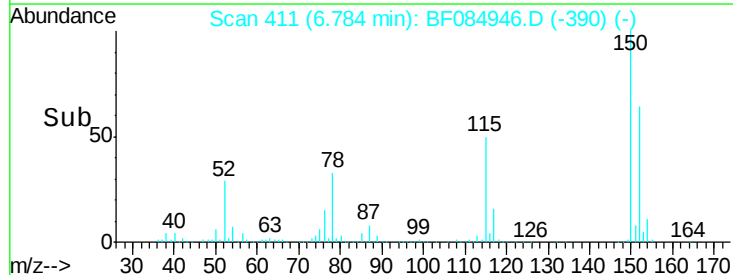
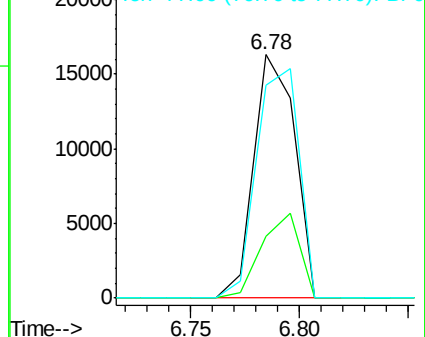
77 87.2 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.49 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.09 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

PCPG4B

Tgt Ion: 70 Resp: 163932

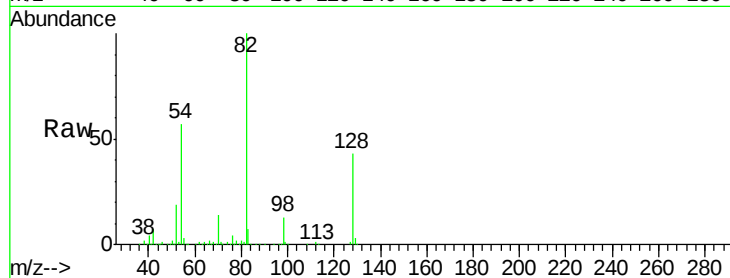
Ion Ratio Lower Upper

70 100

42 49.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.4 23.4 35.0#

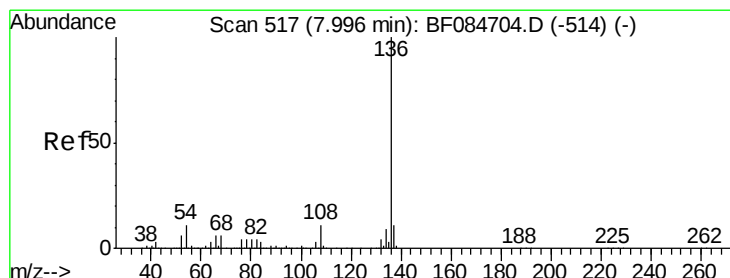
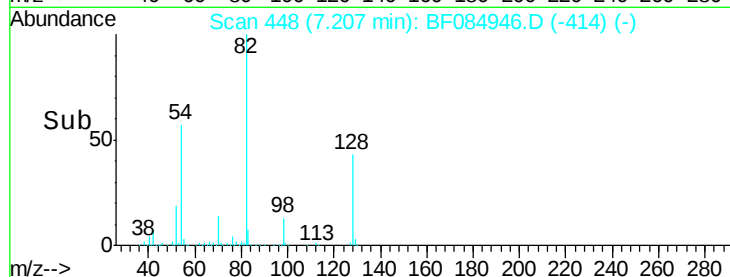
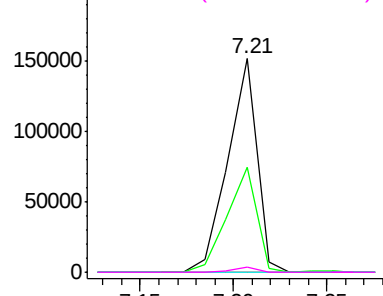


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

Tgt Ion: 136 Resp: 710632

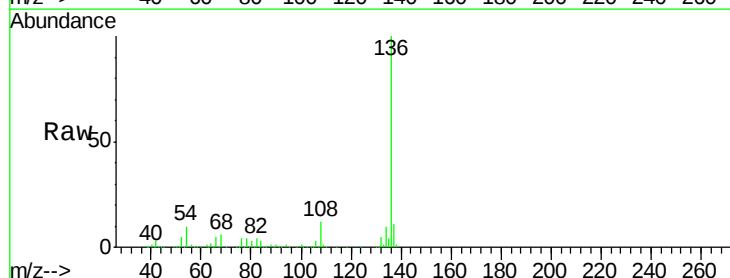
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.2 5.8 8.8#

68 5.7 4.2 6.2

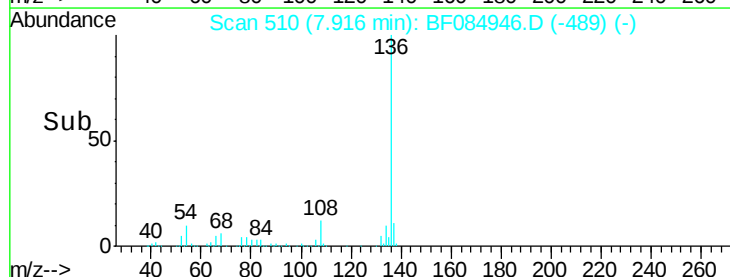
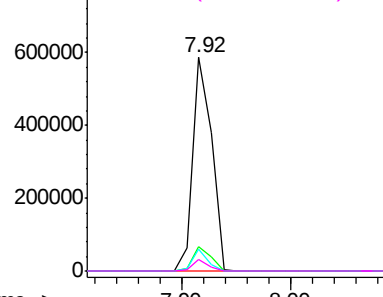


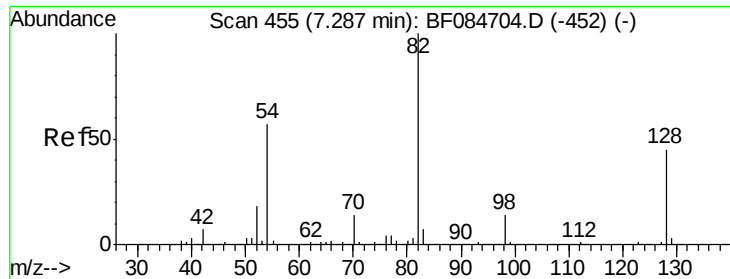
Abundance Ion 136.00 (135.70 to 136.70): E

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

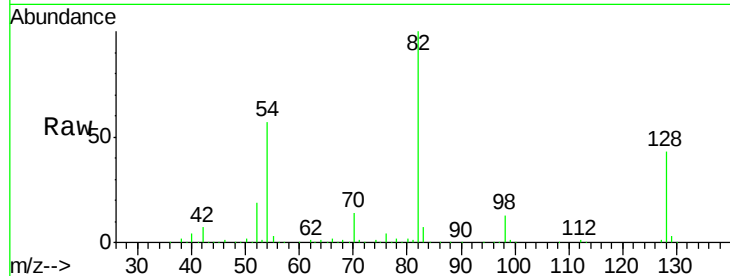




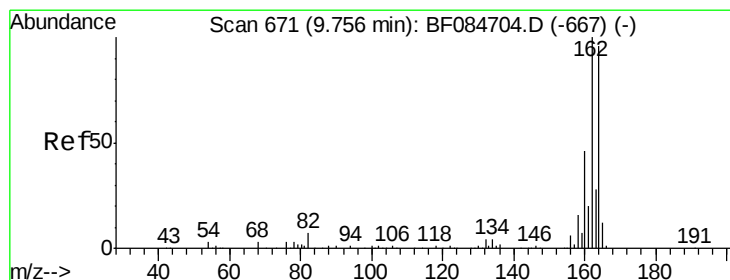
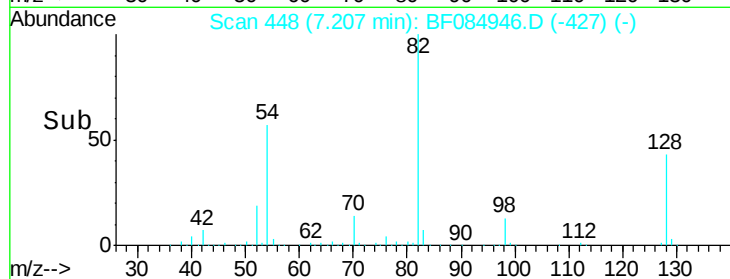
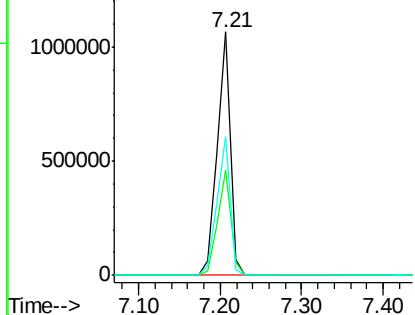
#23
 Nitrobenzene-d5
 Concen: 93.56 ng
 RT: 7.21 min Scan# 448
 Delta R.T. -0.06 min
 Lab File: BF084946.D
 Acq: 9 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PCPG4B

Tgt Ion: 82 Resp: 1180283
 Ion Ratio Lower Upper
 82 100
 128 43.2 34.6 51.8
 54 57.1 38.4 57.6

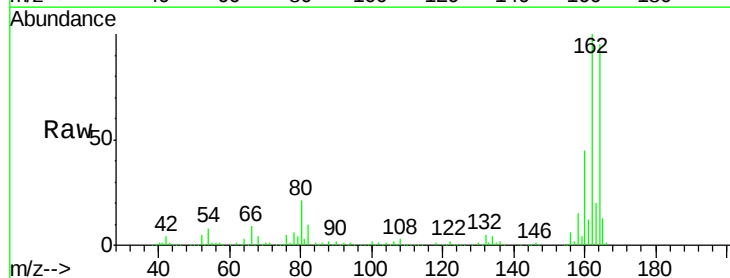


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

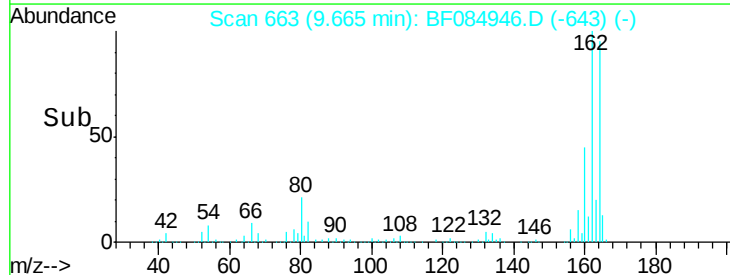
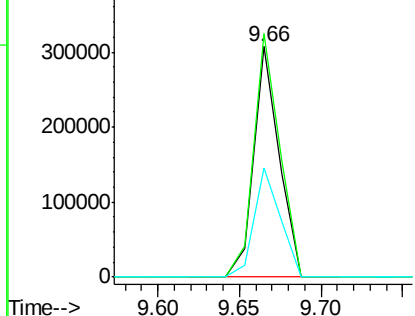


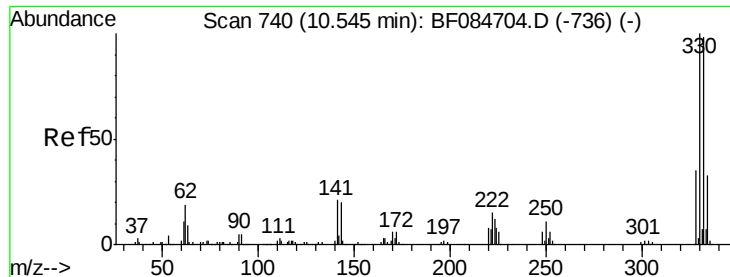
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 663
 Delta R.T. -0.07 min
 Lab File: BF084946.D
 Acq: 9 Feb 2016 12:30

Tgt Ion: 164 Resp: 332541
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.1 127.7
 160 47.4 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

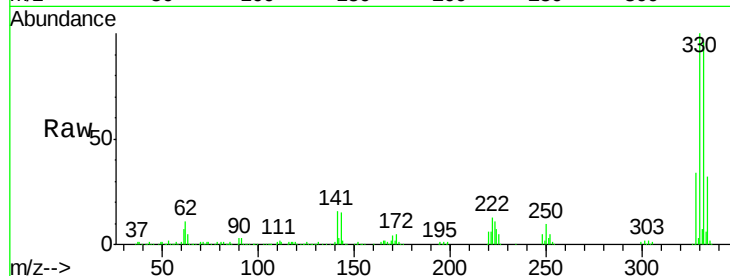




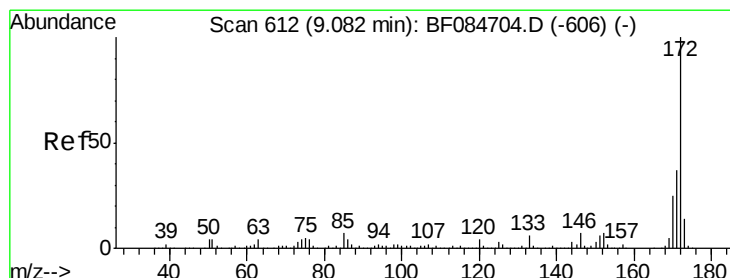
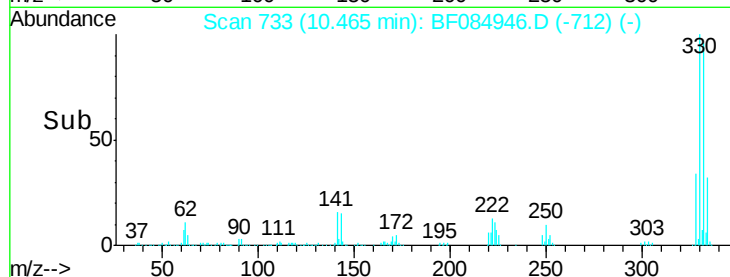
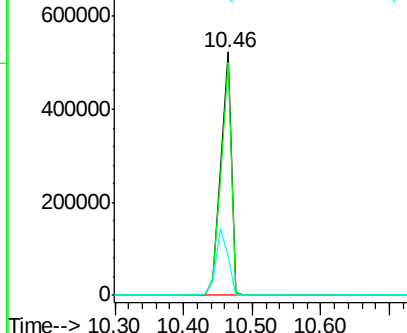
#41
 2,4,6-Tribromophenol
 Concen: 167.13 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084946.D
 Acq: 9 Feb 2016 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PCPG4B

Tgt Ion:330 Resp: 579714
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 31.4 27.8 41.6

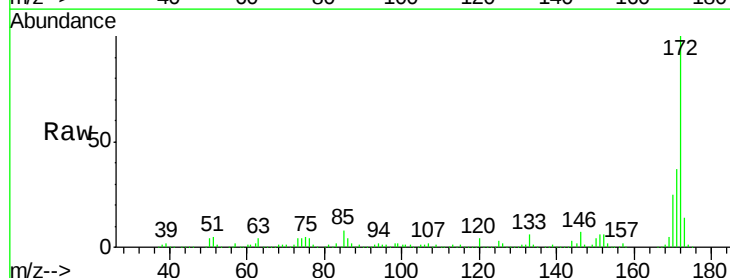


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

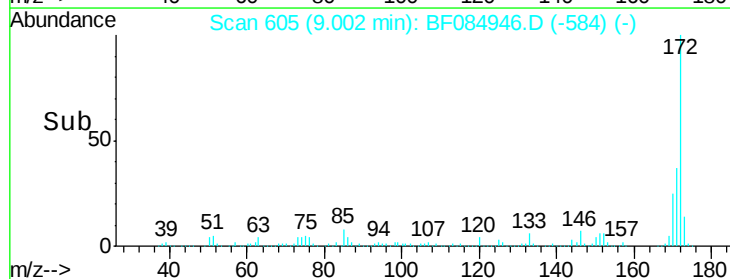
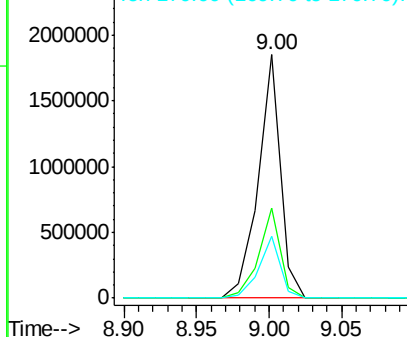


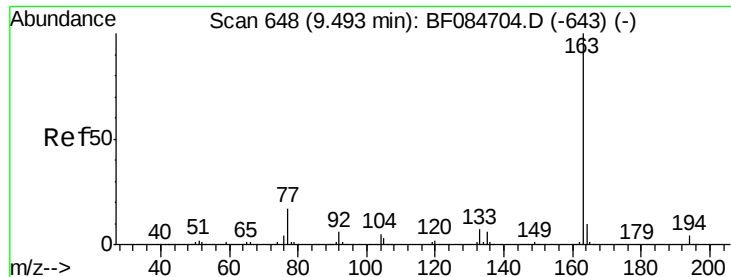
#44
 2-Fluorobiphenyl
 Concen: 110.88 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084946.D
 Acq: 9 Feb 2016 12:30

Tgt Ion:172 Resp: 1966746
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.4 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





#49

Dimethylphthalate

Concen: 15.95 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

PCPG4B

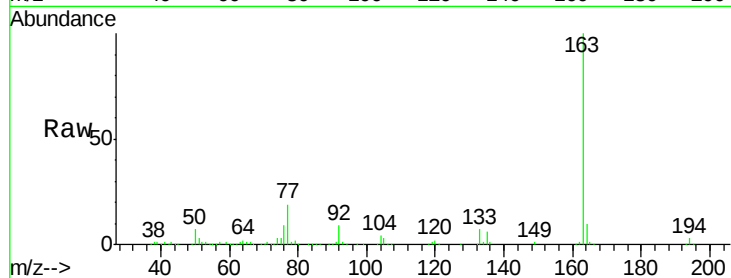
Tgt Ion:163 Resp: 404059

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

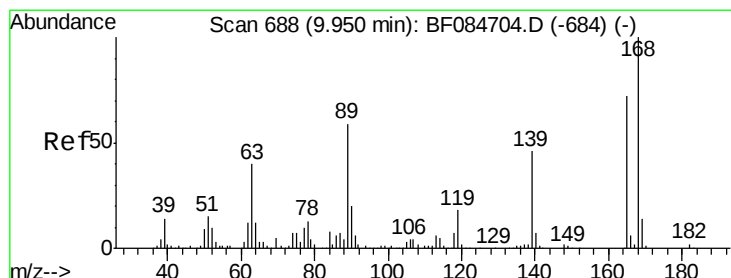
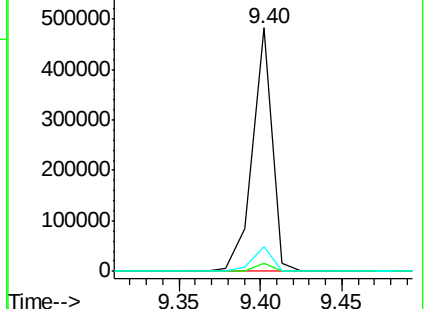
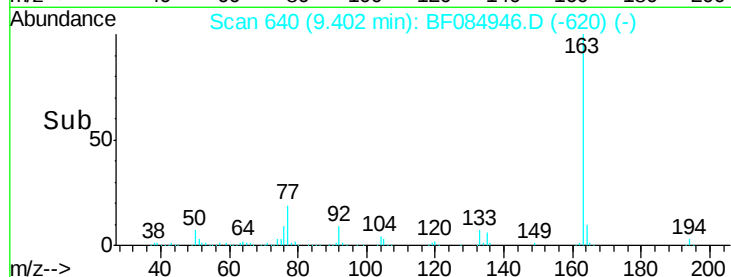
164 10.2 8.0 12.0



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: BF084946.D

Acq: 9 Feb 2016 12:30

Tgt Ion:165 Resp: 43173

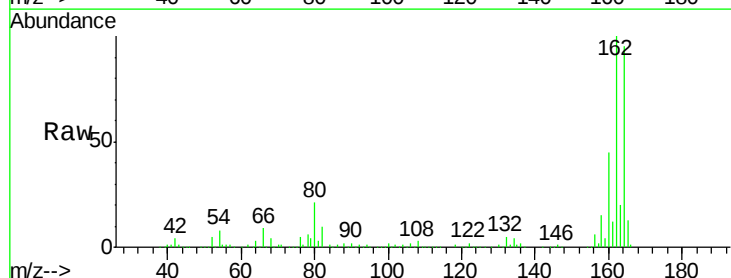
Ion Ratio Lower Upper

165 100

63 1.1 36.7 55.1#

89 1.4 61.9 92.9#

182 0.0 2.0 3.0#

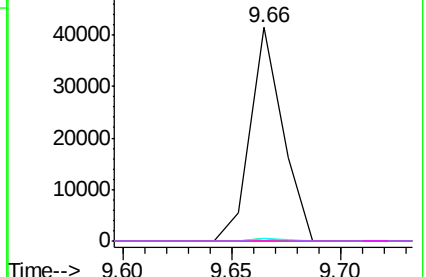
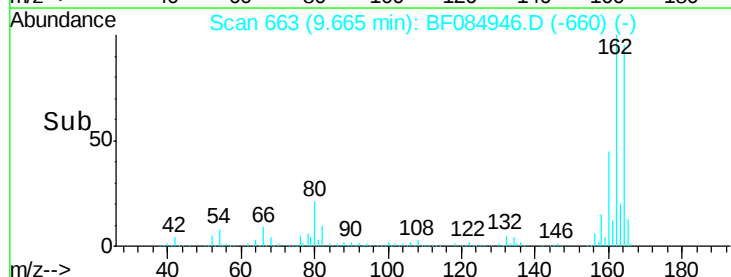


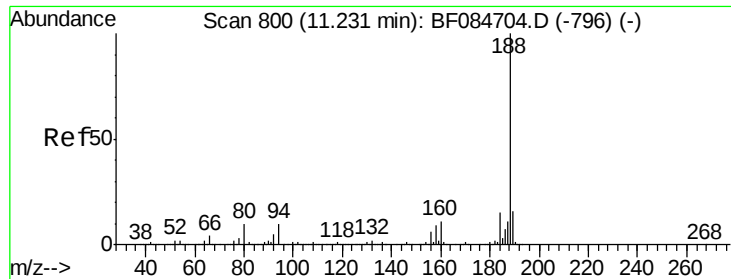
Abundance Ion 165.00 (164.70 to 165.70): E

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

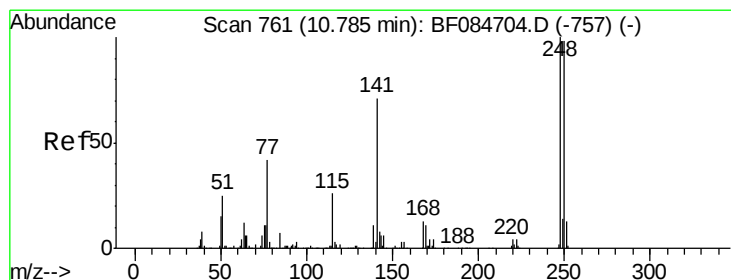
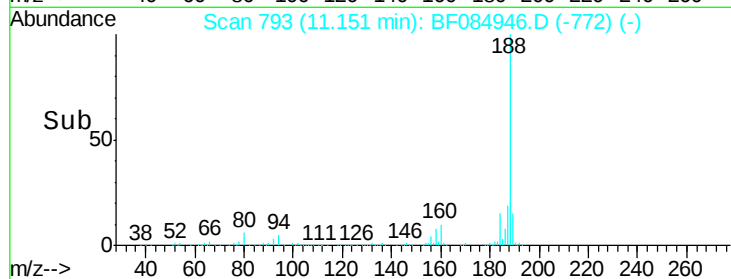
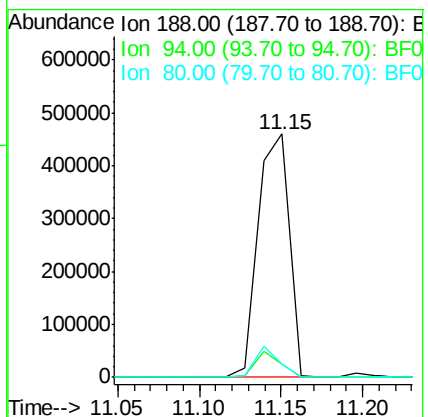
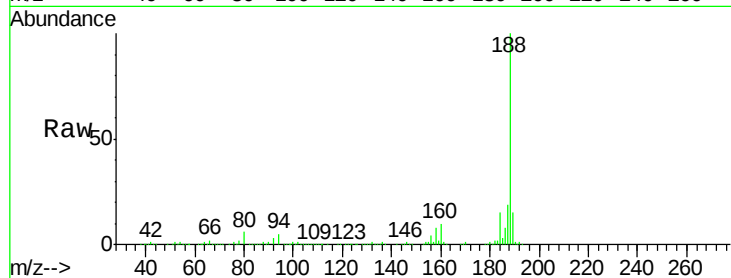




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084946.D
Acq: 9 Feb 2016 12:30

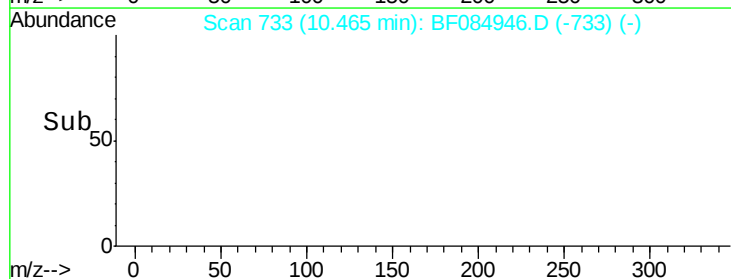
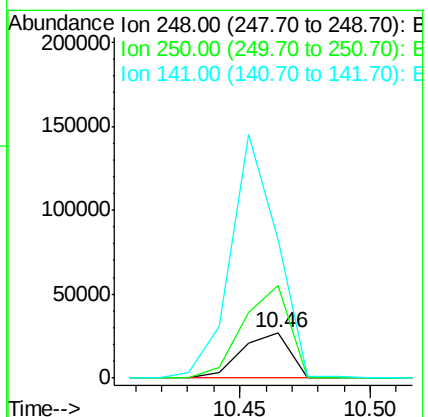
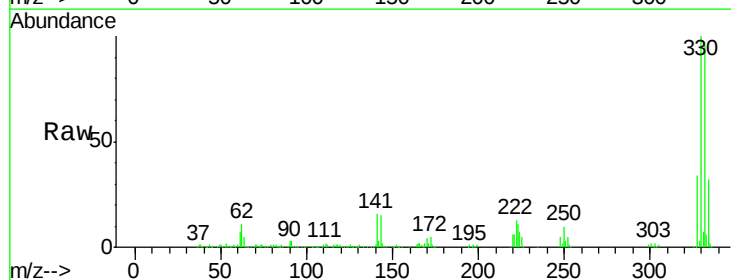
Instrument :
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PCPG4B

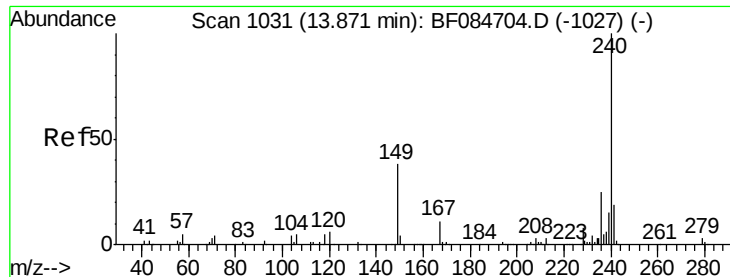
Tgt Ion:188 Resp: 613250
Ion Ratio Lower Upper
188 100
94 5.4 9.0 13.4#
80 5.7 9.6 14.4#



#66
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.30 min
Lab File: BF084946.D
Acq: 9 Feb 2016 12:30

Tgt Ion:248 Resp: 35299
Ion Ratio Lower Upper
248 100
250 202.8 78.4 117.6#
141 305.3 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: BF084946.D

Acq: 9 Feb 2016 12:30

Instrument :

BNA_F

ClientSampleId :

PCPG4B

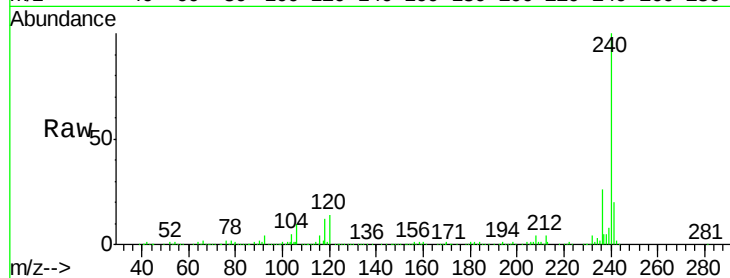
Tgt Ion:240 Resp: 472688

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

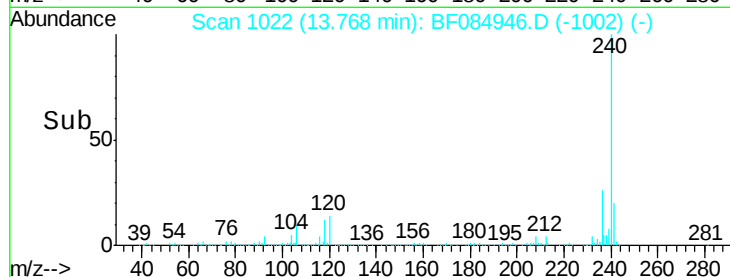
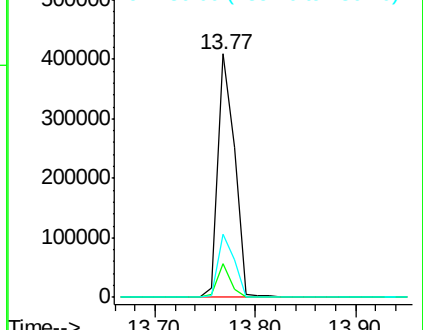
236 26.0 20.6 31.0



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: 94.83 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084946.D

Acq: 9 Feb 2016 12:30

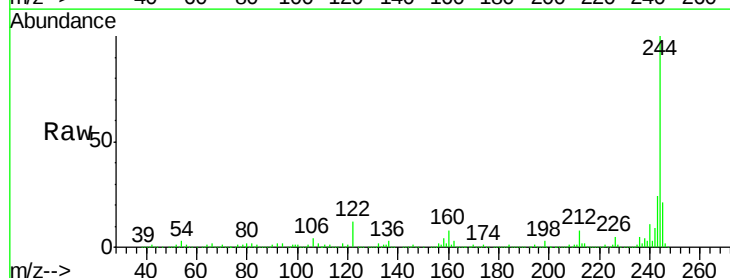
Tgt Ion:244 Resp: 1978118

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

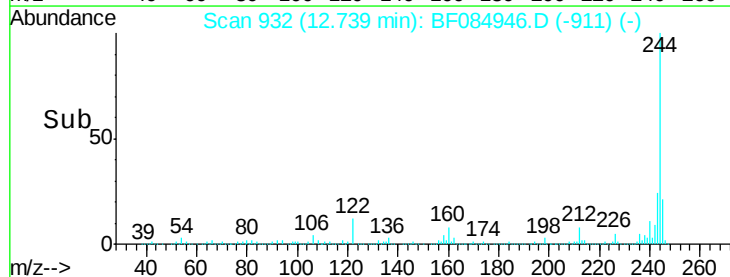
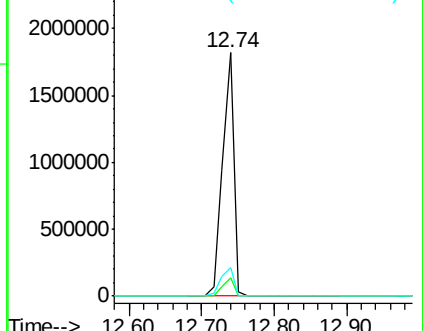
122 11.8 7.4 11.0#

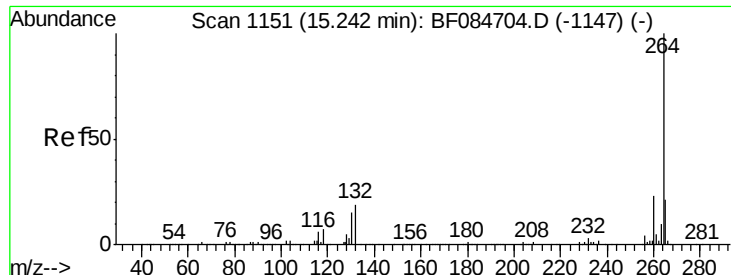


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

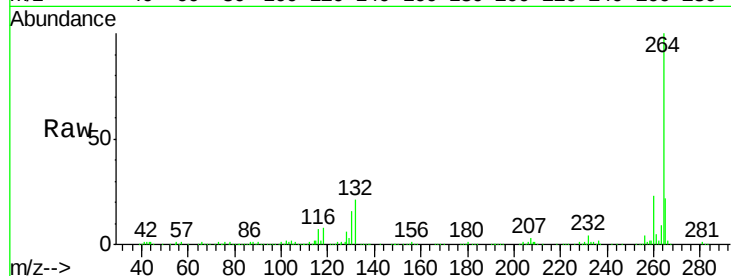




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BF084946.D
Acq: 9 Feb 2016 12:30

Instrument :
BNA_F
ClientSampleId :
PCPG4B

Tgt Ion: 264 Resp: 357352
Ion Ratio Lower Upper
264 100
260 23.1 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

