

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081972.D
 Acq On : 2 Oct 2015 7:51
 Operator : UM/IZ
 Sample : G3889-01
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP211BR-29-30

Quant Time: Oct 02 08:35:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

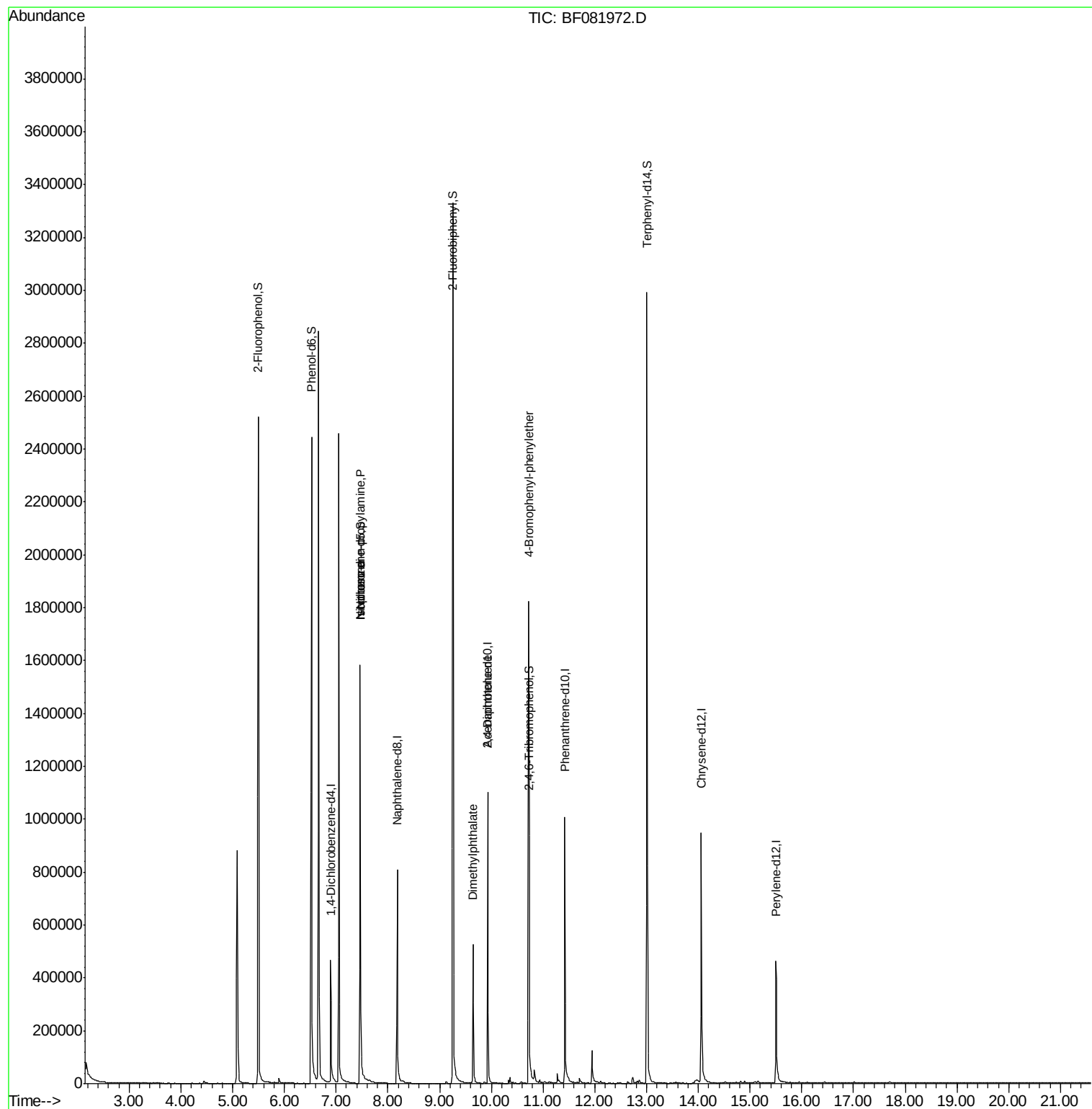
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114652	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	469732	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	237956	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	473305	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	439115	20.00	ng	-0.06
86) Perylene-d12	15.50	264	323174	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	784159	124.16	ng	-0.02
7) Phenol-d6	6.53	99	1045662	131.57	ng	-0.03
23) Nitrobenzene-d5	7.46	82	654884	92.93	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	318689	132.24	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1208154	84.95	ng	-0.05
78) Terphenyl-d14	13.01	244	1132271	82.64	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	80748	16.72	ng	# 58
25) Isophorone	7.46	82	545393	39.05	ng	# 58
49) Dimethylphthalate	9.65	163	308762	18.80	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	29895	6.58	ng	# 33
57) Fluorene	10.72	166	11071	Below	Cal	# 75
66) 4-Bromophenyl-phenylether	10.72	248	19799	4.15	ng	# 1
70) Phenanthrene	11.44	178	2926	Below	Cal	# 98
73) Di-n-butylphthalate	11.98	149	2993	Below	Cal	# 97

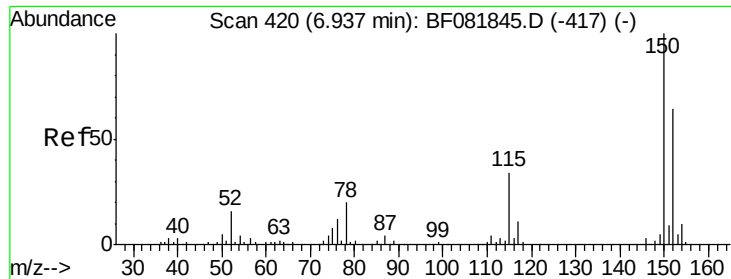
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MGP211BR-29-30

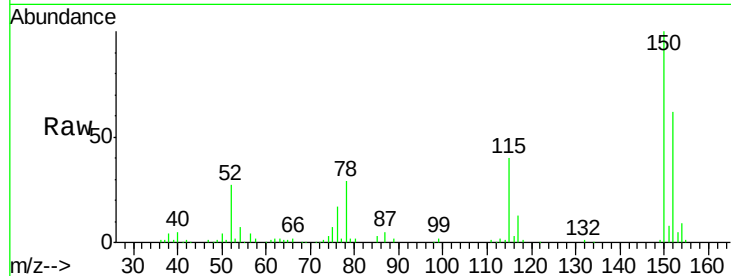
Tgt Ion:152 Resp: 114652

Ion Ratio Lower Upper

152 100

150 161.9 124.7 187.1

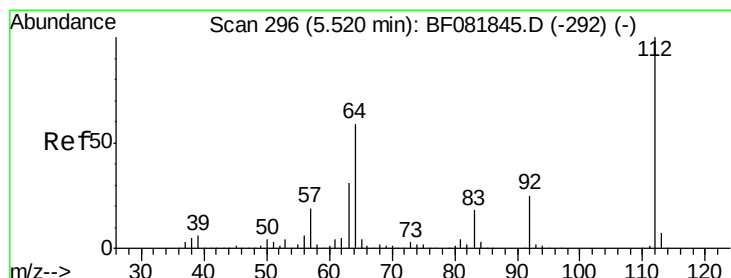
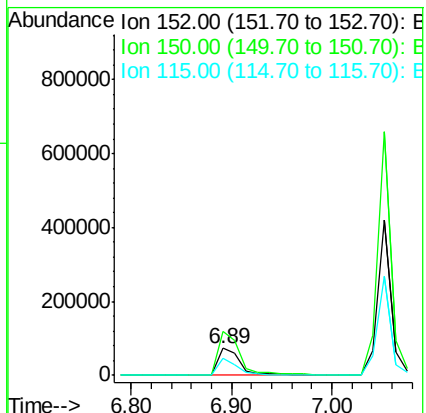
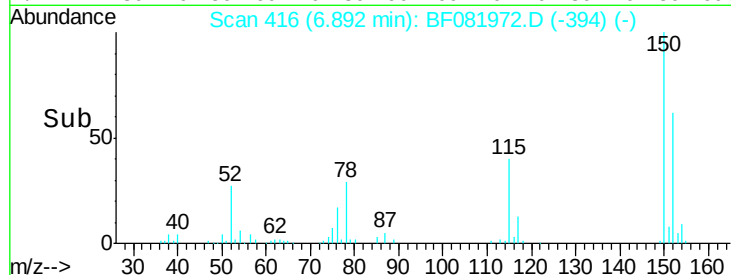
115 65.4 39.0 58.4#



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: 124.16 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

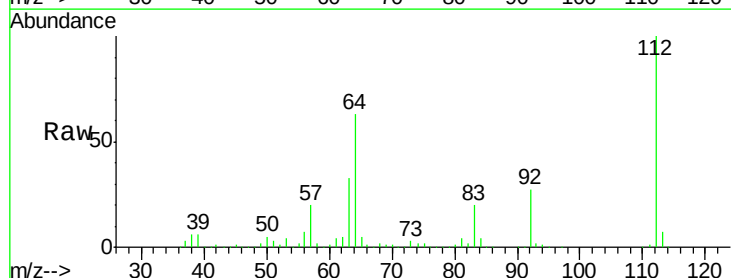
Tgt Ion:112 Resp: 784159

Ion Ratio Lower Upper

112 100

64 62.8 39.7 59.5#

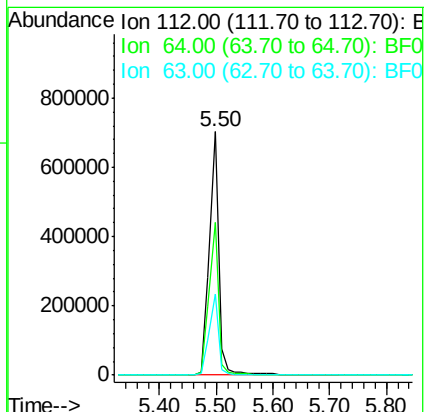
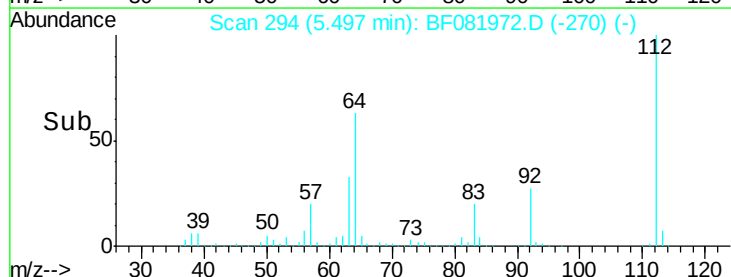
63 33.4 17.4 26.0#

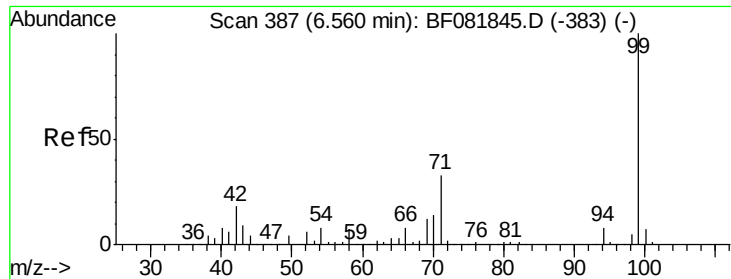


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.57 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MGP211BR-29-30

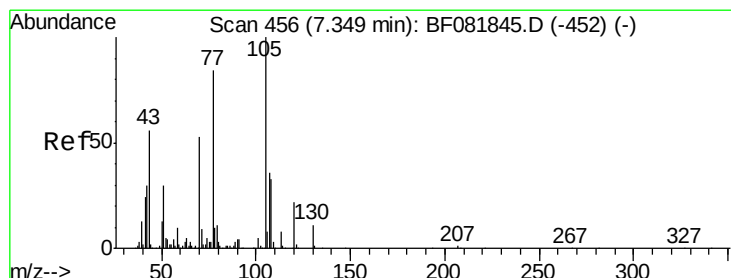
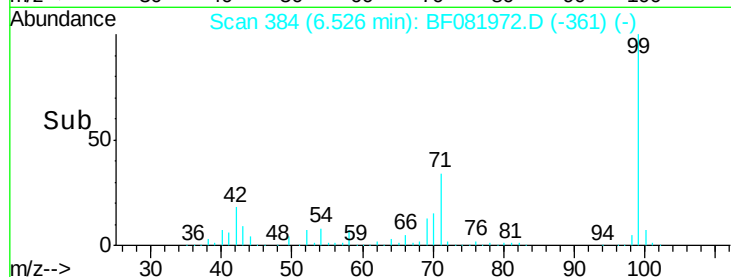
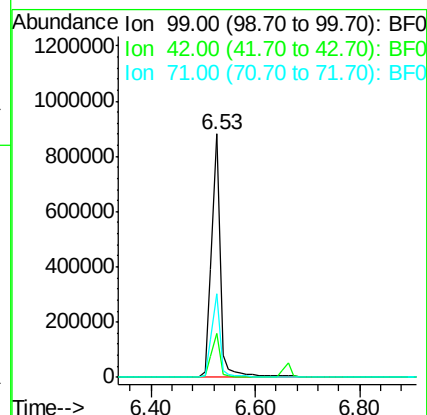
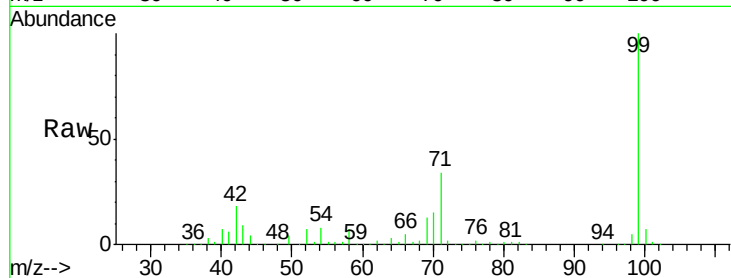
Tgt Ion: 99 Resp: 1045662

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

71 34.3 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.72 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Tgt Ion: 70 Resp: 80748

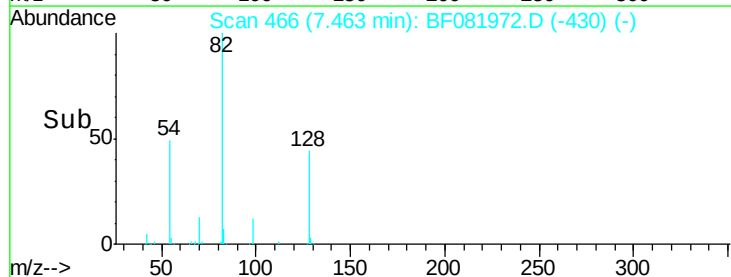
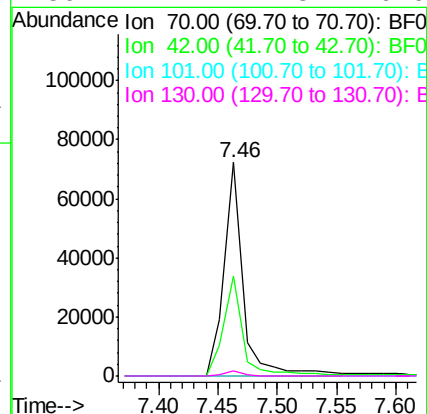
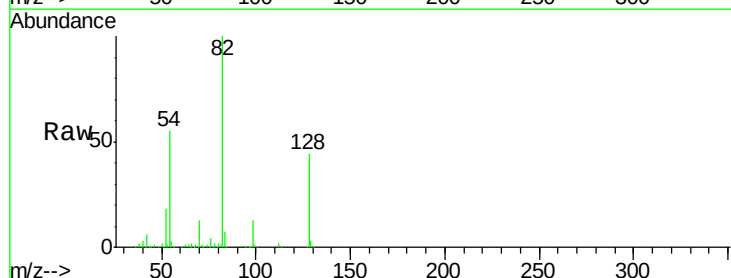
Ion Ratio Lower Upper

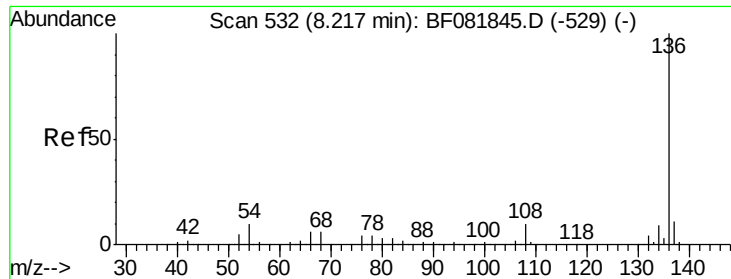
70 100

42 46.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

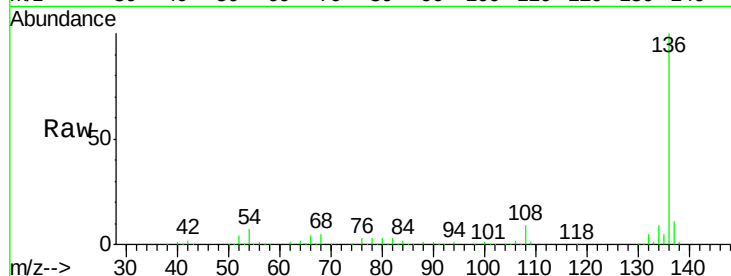




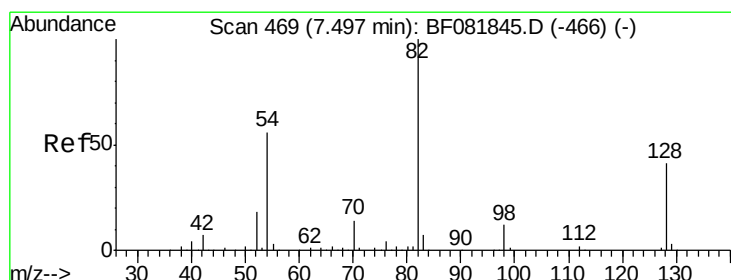
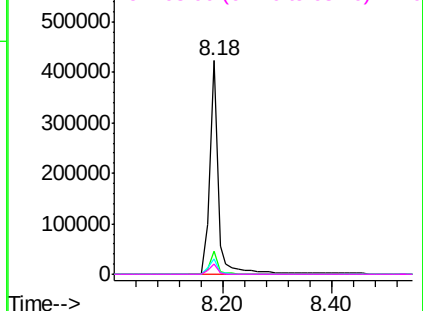
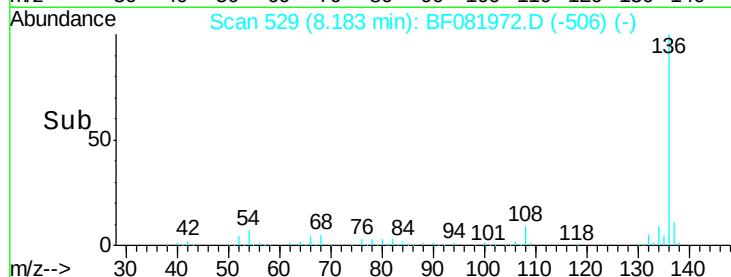
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081972.D
Acq: 2 Oct 2015 7:51

Instrument :
BNA_F
ClientSampleId :
MGP211BR-29-30

Tgt Ion:	136	Resp:	469732
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.9	8.2	12.2#
68	4.8	5.8	8.6#

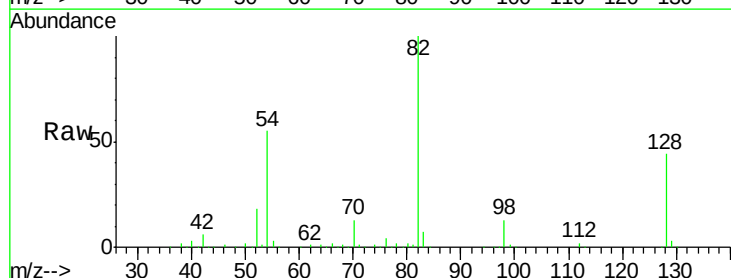


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

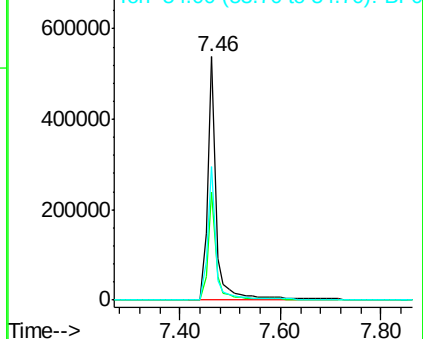
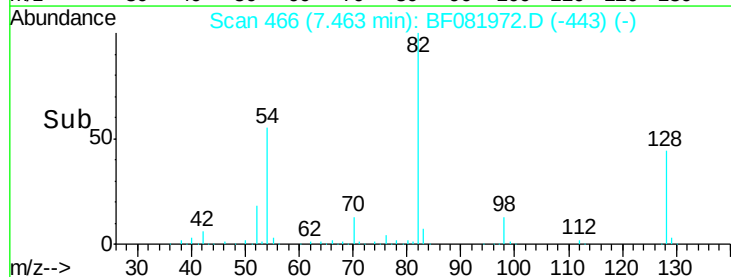


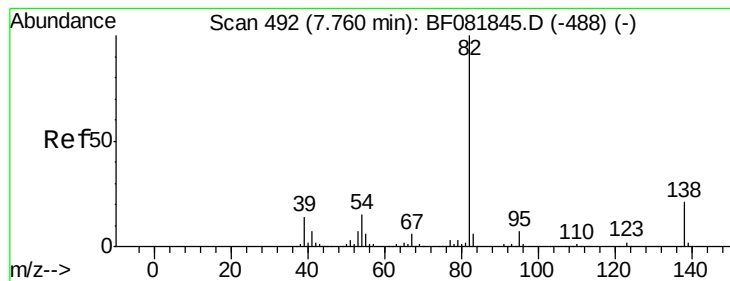
#23
Nitrobenzene-d5
Concen: 92.93 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081972.D
Acq: 2 Oct 2015 7:51

Tgt Ion:	82	Resp:	654884
Ion	Ratio	Lower	Upper
82	100		
128	44.3	51.0	76.6#
54	55.0	47.5	71.3



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





#25

Isophorone

Concen: 39.05 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MGP211BR-29-30

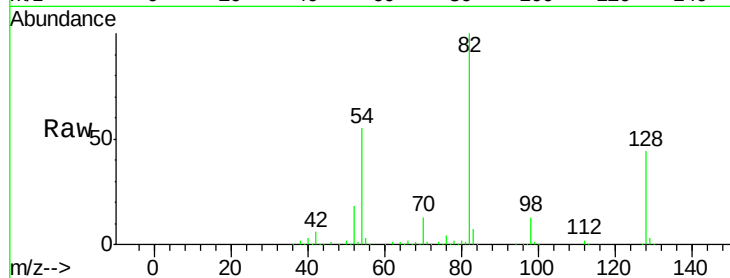
Tgt Ion: 82 Resp: 545393

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

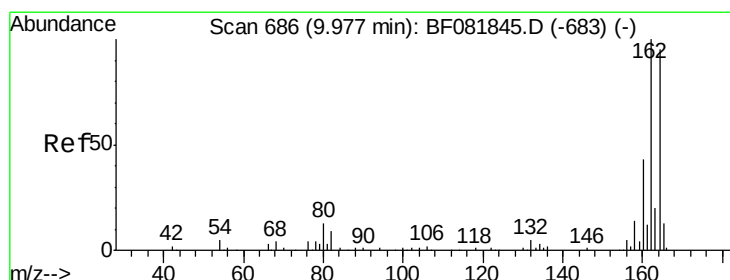
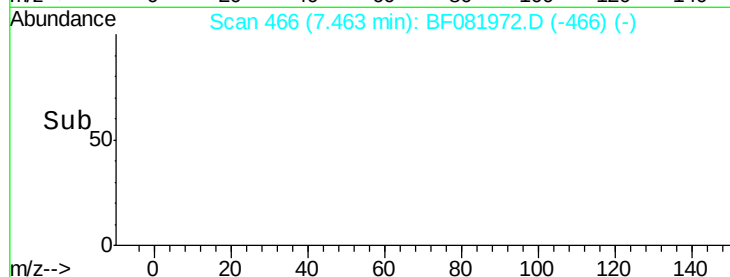
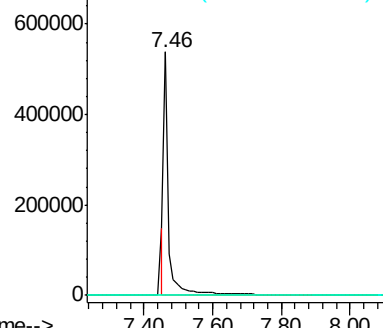
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

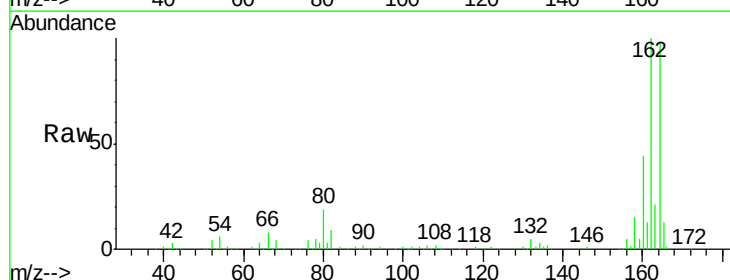
Tgt Ion: 164 Resp: 237956

Ion Ratio Lower Upper

164 100

162 101.7 75.2 112.8

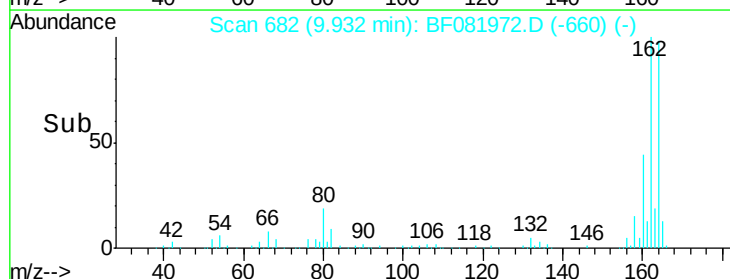
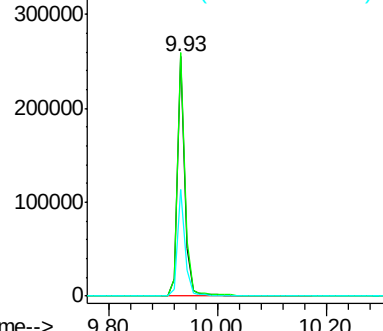
160 44.5 31.5 47.3

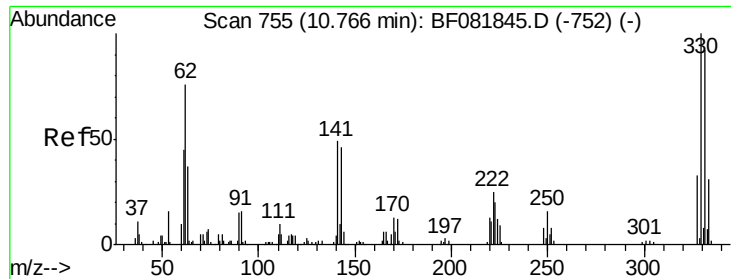


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

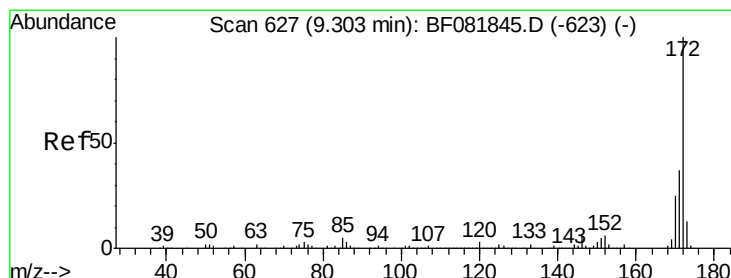
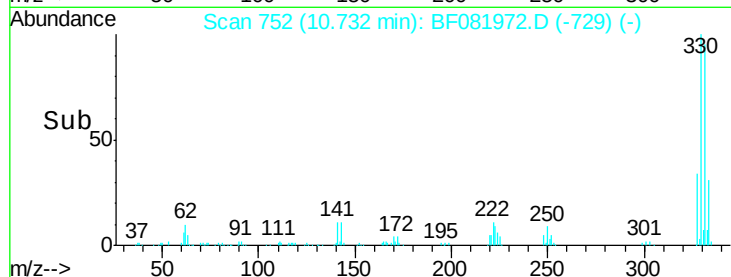
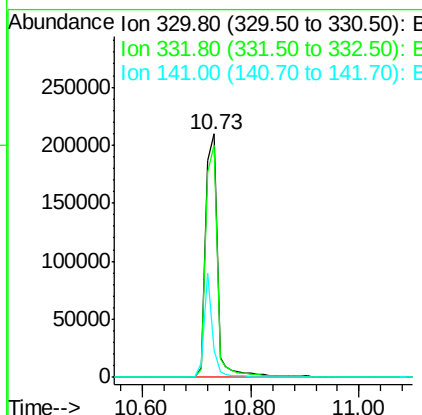
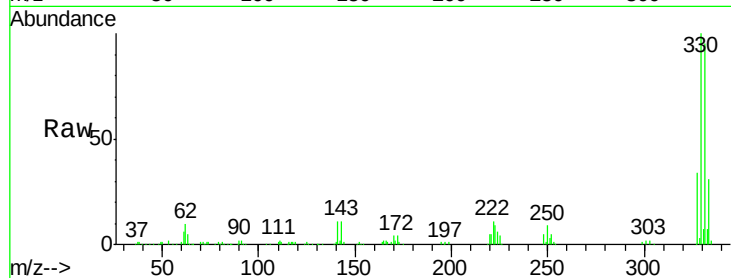




#41
 2,4,6-Tribromophenol
 Concen: 132.24 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081972.D
 Acq: 2 Oct 2015 7:51

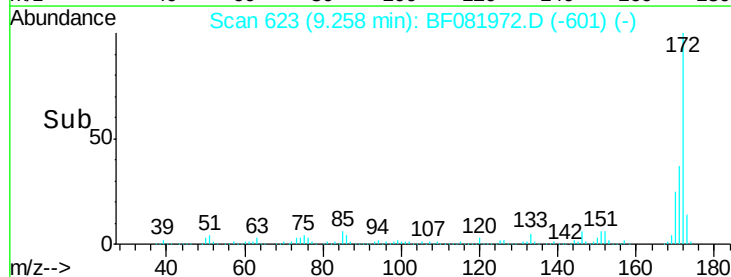
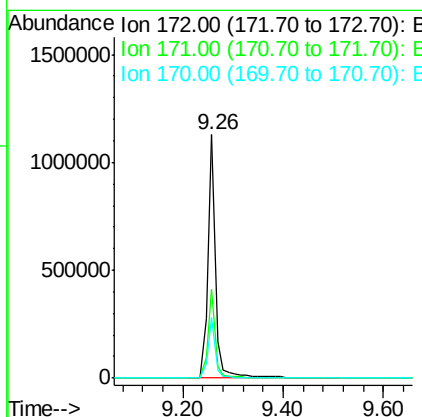
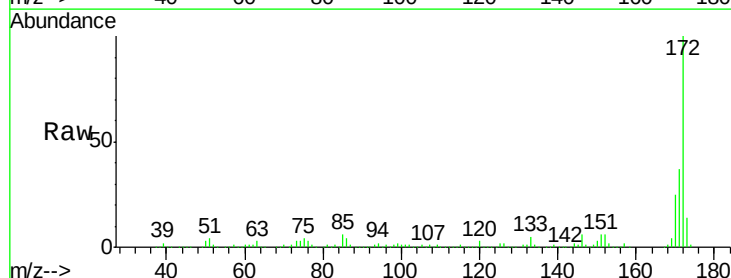
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 MGP211BR-29-30

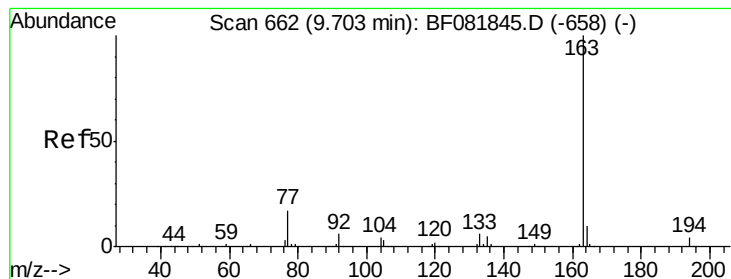
Tgt Ion:330 Resp: 318689
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 31.1 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 84.95 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081972.D
 Acq: 2 Oct 2015 7:51

Tgt Ion:172 Resp: 1208154
 Ion Ratio Lower Upper
 172 100
 171 36.6 26.1 39.1
 170 25.0 17.4 26.2





#49

Dimethylphthalate

Concen: 18.80 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MGP211BR-29-30

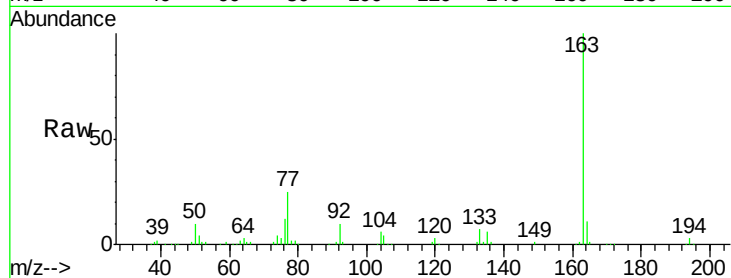
Tgt Ion:163 Resp: 308762

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

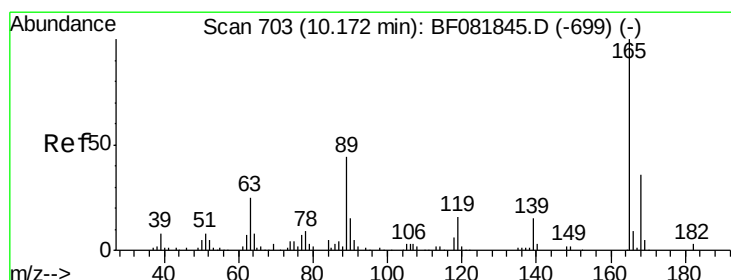
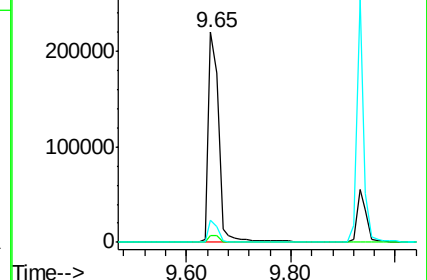
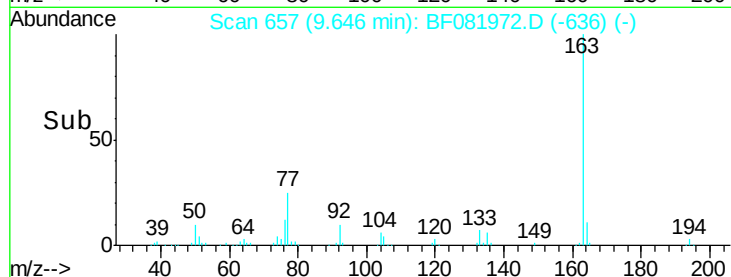
164 10.6 8.3 12.5



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: 6.58 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Tgt Ion:165 Resp: 29895

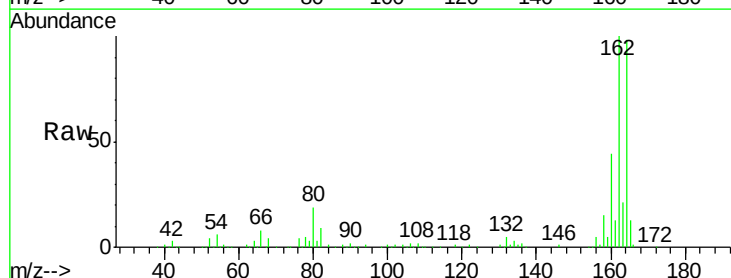
Ion Ratio Lower Upper

165 100

63 1.4 29.8 44.6#

89 1.1 44.5 66.7#

182 0.0 3.0 4.4#

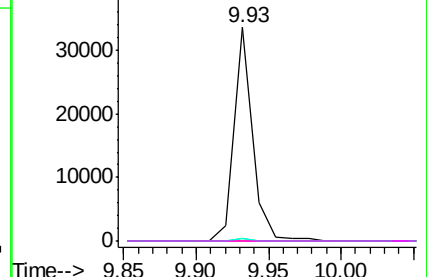
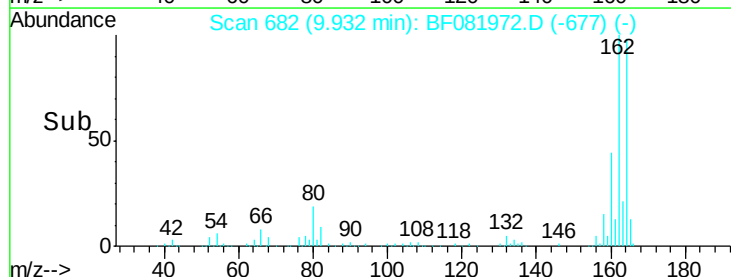


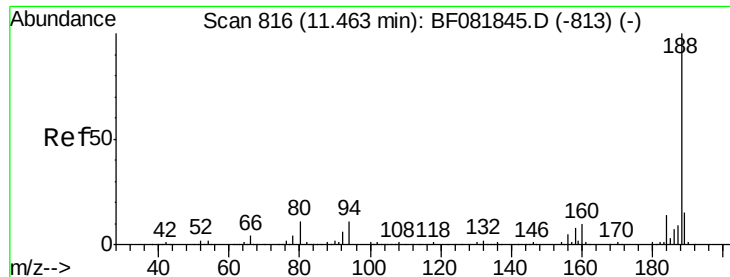
Abundance Ion 165.00 (164.70 to 165.70): E

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

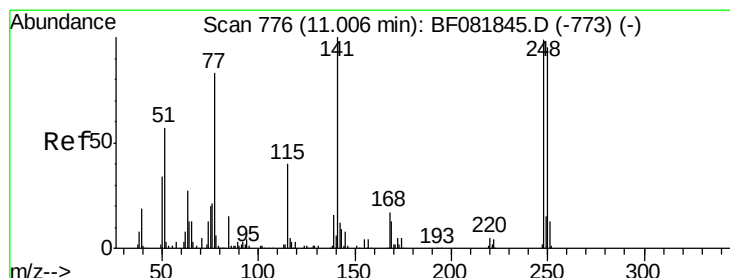
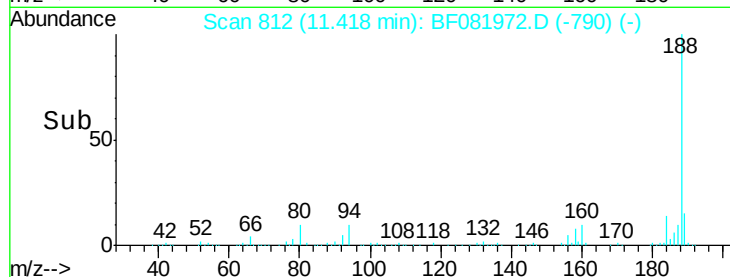
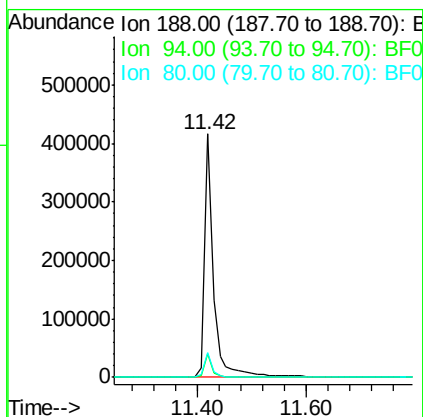
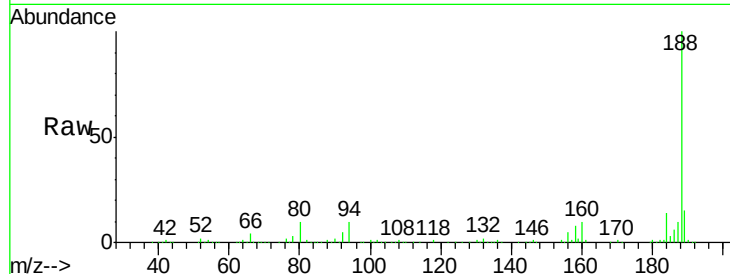




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081972.D
 Acq: 2 Oct 2015 7:51

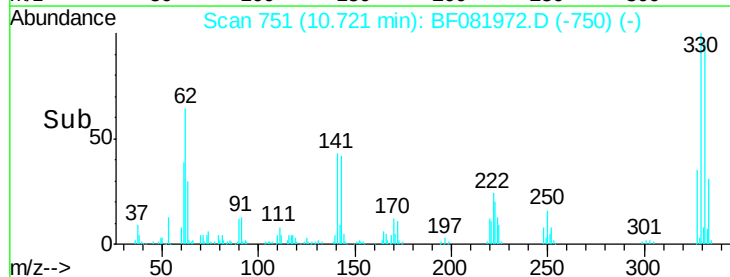
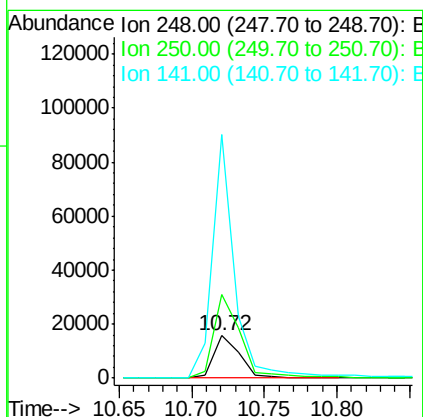
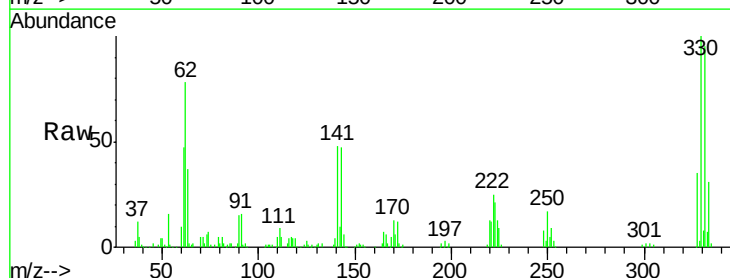
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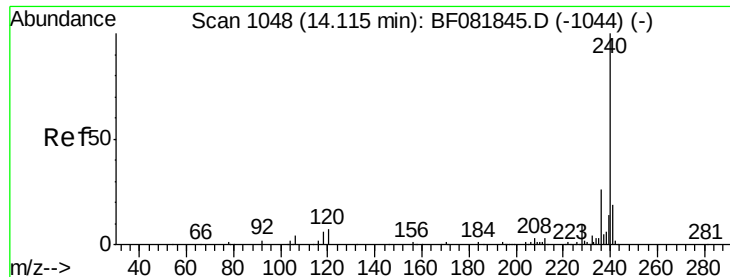
Tgt Ion:188 Resp: 473305
 Ion Ratio Lower Upper
 188 100
 94 9.5 11.1 16.7#
 80 10.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.15 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081972.D
 Acq: 2 Oct 2015 7:51

Tgt Ion:248 Resp: 19799
 Ion Ratio Lower Upper
 248 100
 250 197.6 78.5 117.7#
 141 573.0 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

Instrument :

BNA_F

ClientSampleId :

MGP211BR-29-30

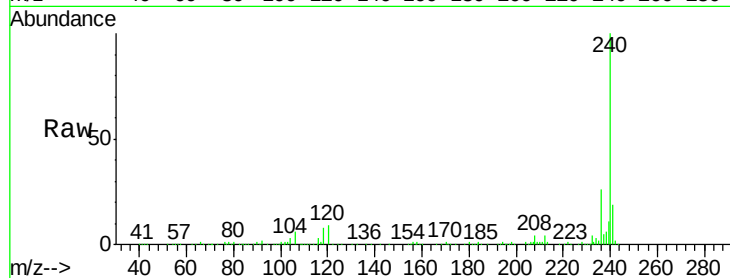
Tgt Ion:240 Resp: 439115

Ion Ratio Lower Upper

240 100

120 9.1 16.2 24.2#

236 25.6 18.4 27.6

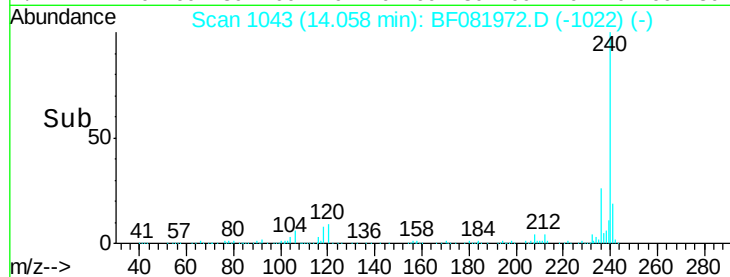


Abundance Ion 240.00 (239.70 to 240.70): E

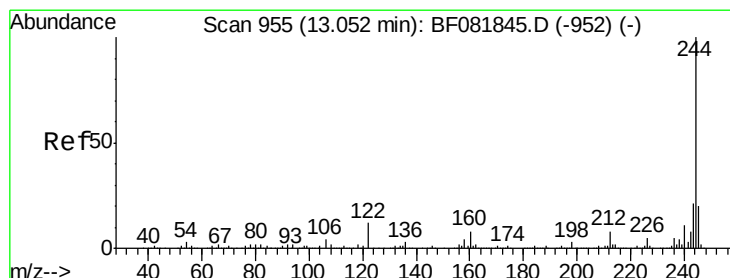
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 82.64 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081972.D

Acq: 2 Oct 2015 7:51

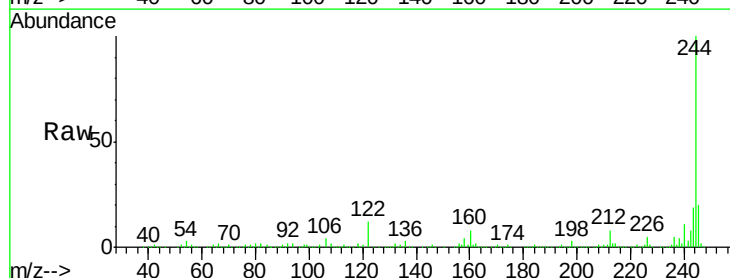
Tgt Ion:244 Resp: 1132271

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

122 11.6 17.4 26.2#

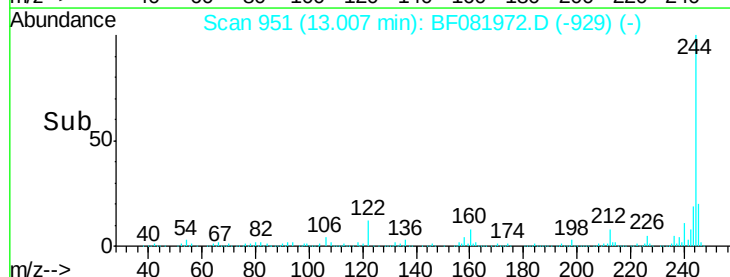


Abundance Ion 244.00 (243.70 to 244.70): E

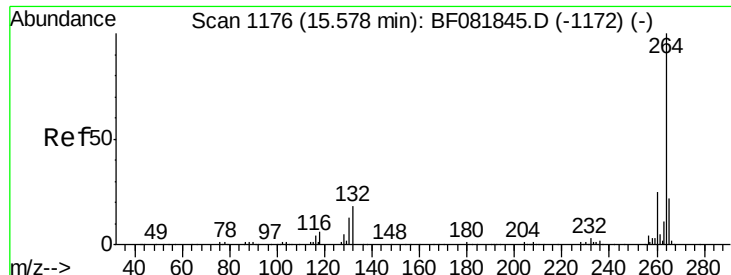
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



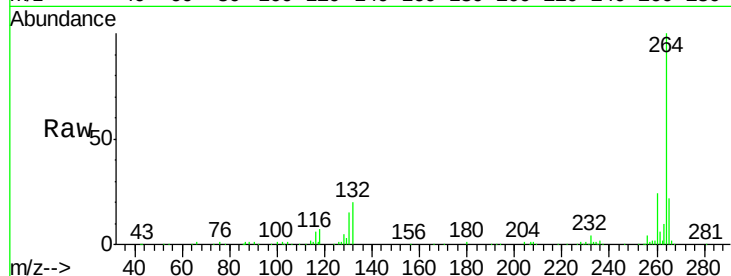
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081972.D
Acq: 2 Oct 2015 7:51

Instrument :
BNA_F
ClientSampleId :
MGP211BR-29-30

Tgt Ion: 264 Resp: 323174
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 22.0 17.2 25.8



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

