

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081971.D
 Acq On : 2 Oct 2015 7:21
 Operator : UM/IZ
 Sample : G3889-03
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-14-16

Quant Time: Oct 02 08:35:06 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

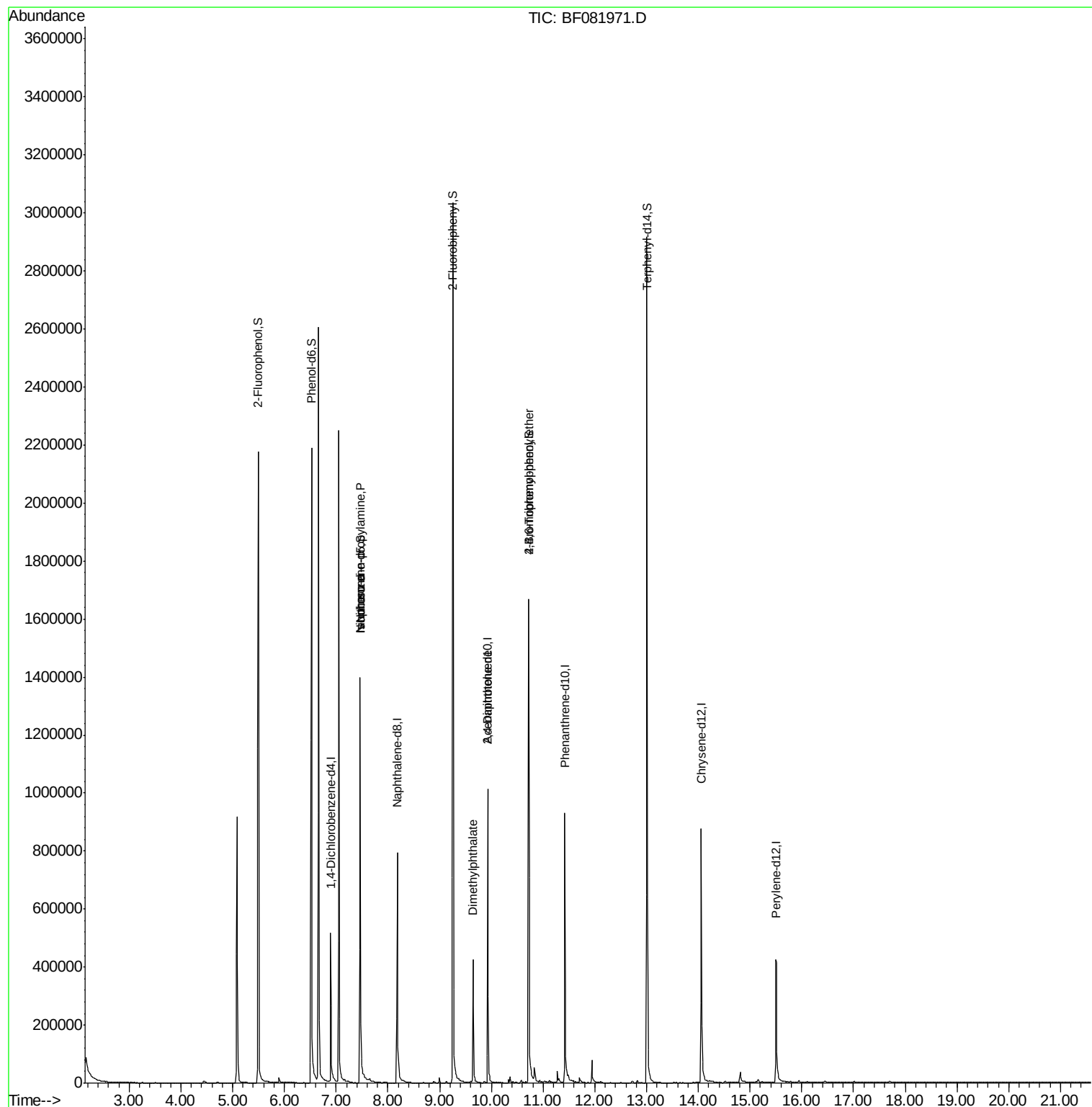
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	114474	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	461605	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	229169	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	454063	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	429957	20.00	ng	-0.06
86) Perylene-d12	15.51	264	314846	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729376	115.66	ng	-0.02
7) Phenol-d6	6.53	99	982055	123.76	ng	-0.03
23) Nitrobenzene-d5	7.46	82	596723	86.17	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	266479	114.82	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1067771	76.46	ng	-0.05
78) Terphenyl-d14	13.01	244	1068336	78.60	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	73432	15.23	ng	# 56
25) Isophorone	7.46	82	483469	35.23	ng	# 58
49) Dimethylphthalate	9.65	163	264517	16.72	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	28432	6.49	ng	# 33
57) Fluorene	10.48	166	1223	Below Cal	#	83
66) 4-Bromophenyl-phenylether	10.72	248	16874	3.69	ng	# 1
70) Phenanthrene	11.44	178	9348	Below Cal	#	98
73) Di-n-butylphthalate	11.98	149	1700	Below Cal	#	78

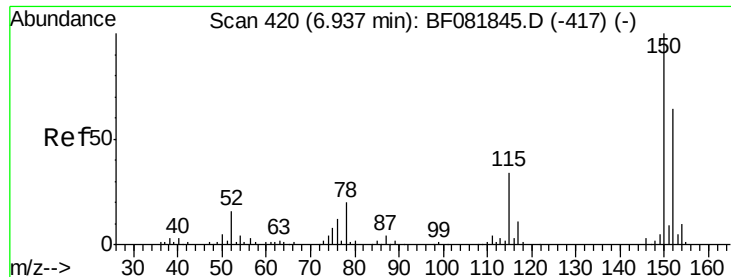
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081971.D

Acq: 2 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

MGP123-14-16

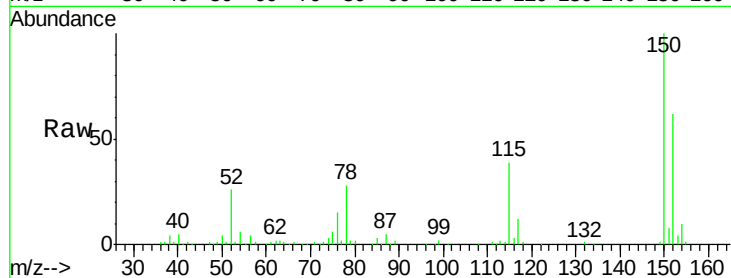
Tgt Ion:152 Resp: 114474

Ion Ratio Lower Upper

152 100

150 162.5 124.7 187.1

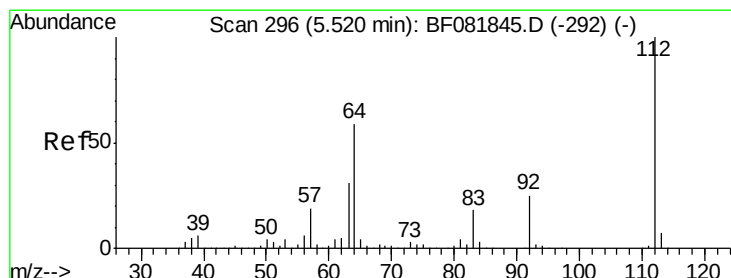
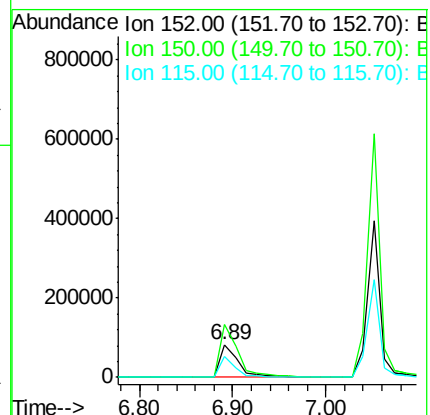
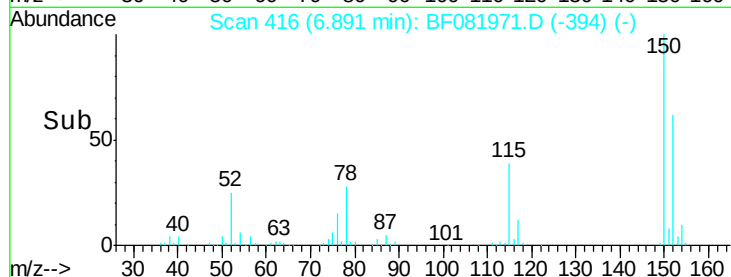
115 63.8 39.0 58.4#



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: 115.66 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081971.D

Acq: 2 Oct 2015 7:21

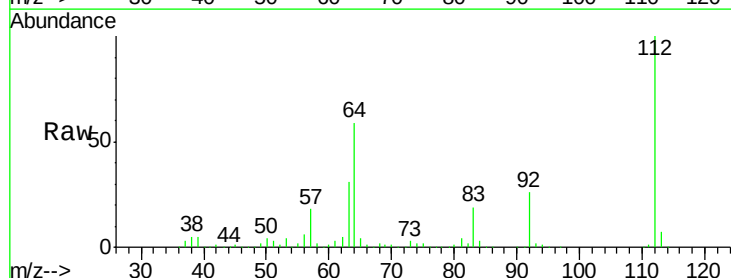
Tgt Ion:112 Resp: 729376

Ion Ratio Lower Upper

112 100

64 58.8 39.7 59.5

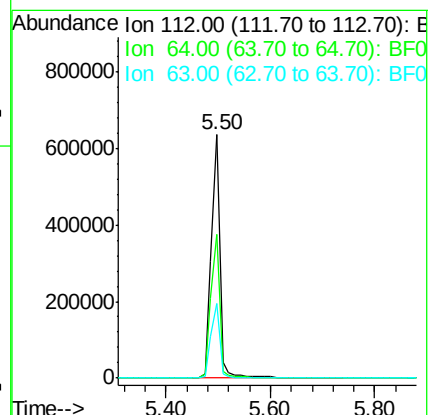
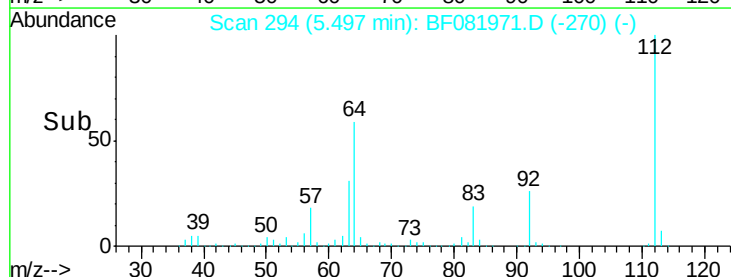
63 30.8 17.4 26.0#

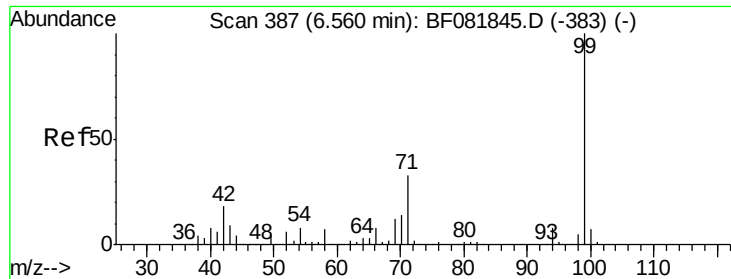


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.76 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081971.D

Acq: 2 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

MGP123-14-16

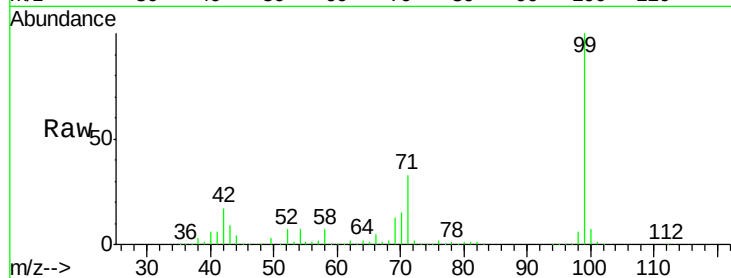
Tgt Ion: 99 Resp: 982055

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

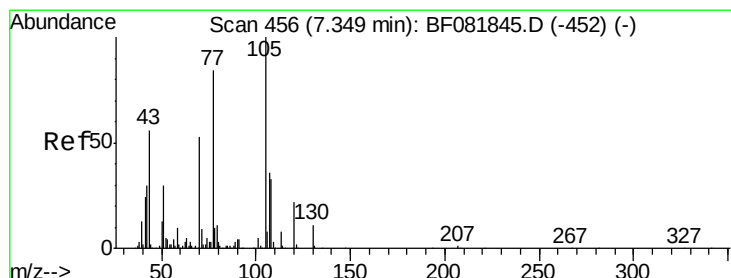
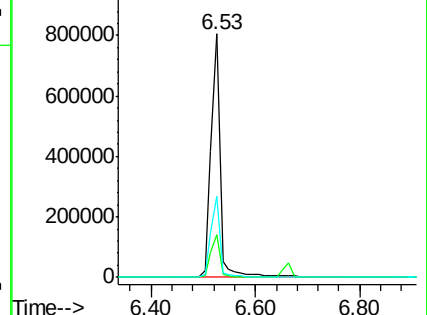
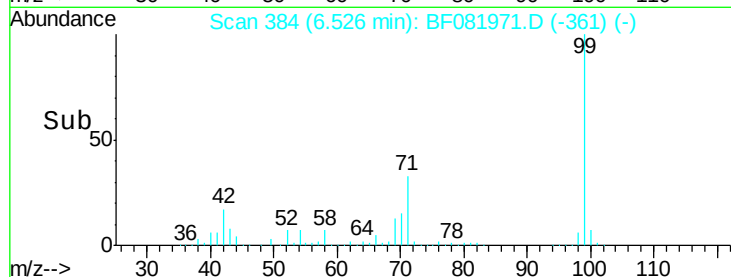
71 33.4 14.2 21.2#



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: 15.23 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081971.D

Acq: 2 Oct 2015 7:21

Tgt Ion: 70 Resp: 73432

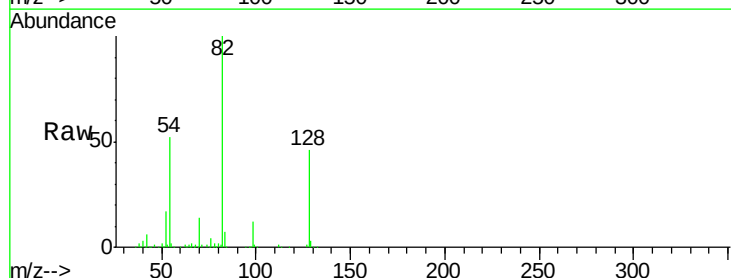
Ion Ratio Lower Upper

70 100

42 43.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

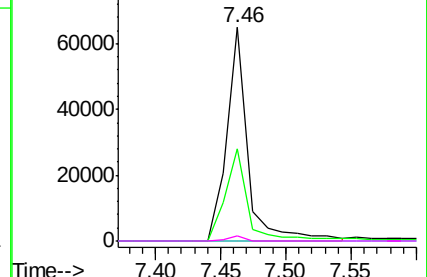
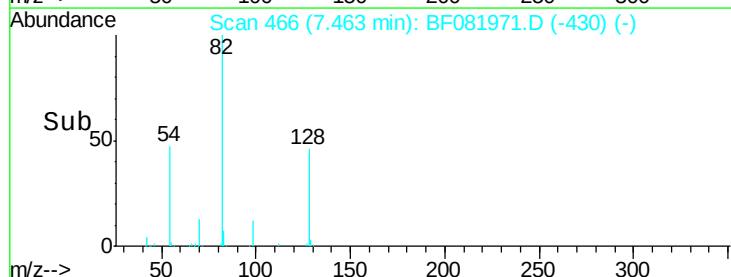


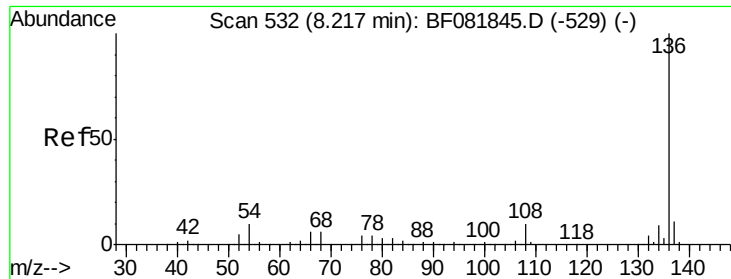
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

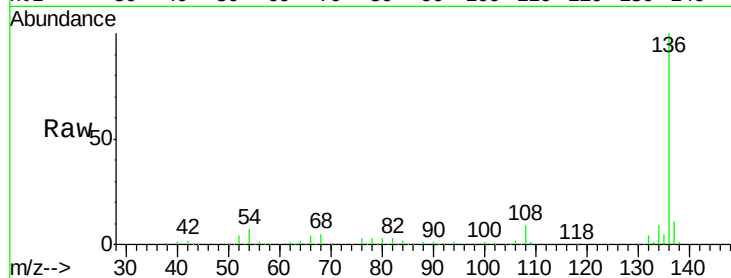




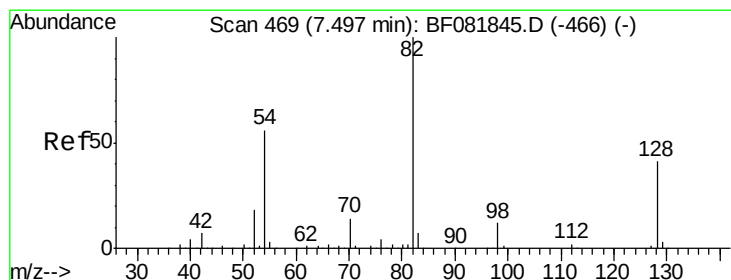
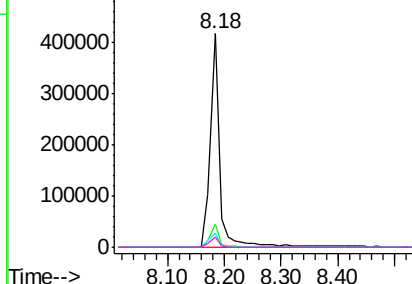
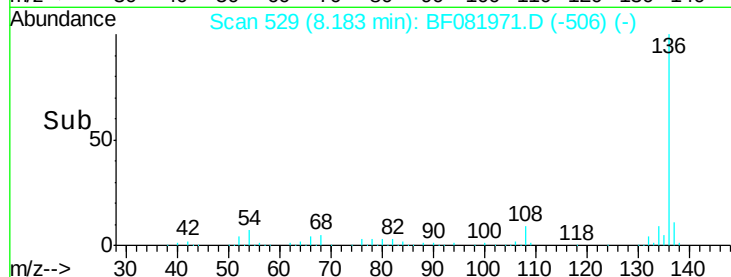
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081971.D
Acq: 2 Oct 2015 7:21

Instrument :
BNA_F
ClientSampleId :
MGP123-14-16

Tgt Ion:	136	Resp:	461605
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	6.9	8.2	12.2#
68	4.9	5.8	8.6#

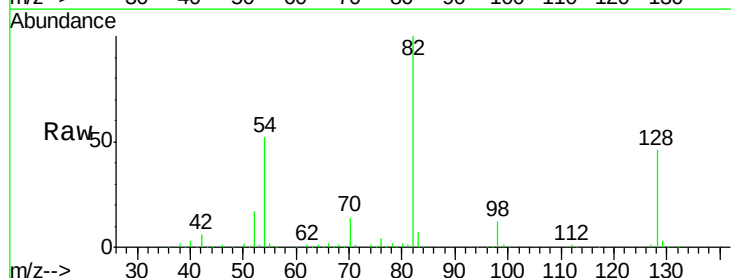


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

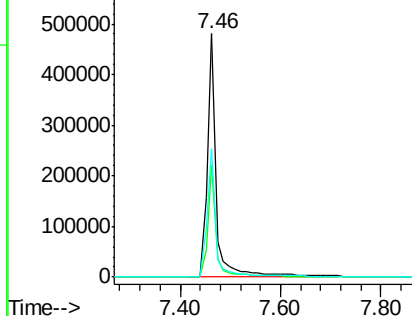
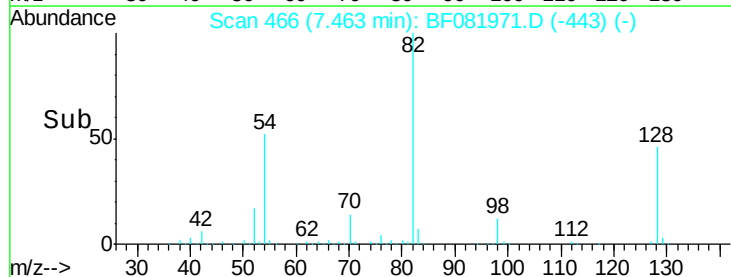


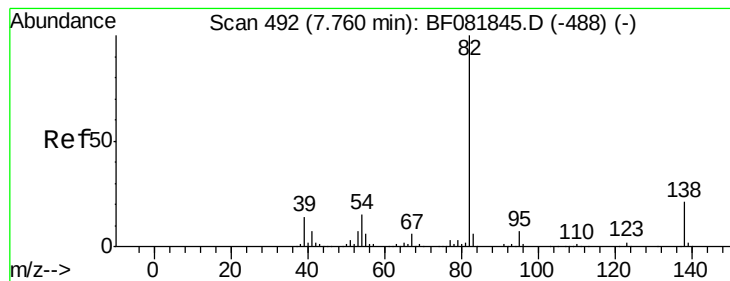
#23
Nitrobenzene-d5
Concen: 86.17 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081971.D
Acq: 2 Oct 2015 7:21

Tgt Ion:	82	Resp:	596723
Ion Ratio	Lower	Upper	
82	100		
128	45.7	51.0	76.6#
54	52.5	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: 35.23 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081971.D

Acq: 2 Oct 2015 7:21

Instrument :

BNA_F

ClientSampleId :

MGP123-14-16

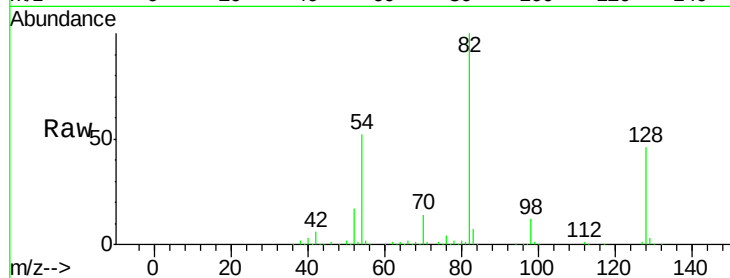
Tgt Ion: 82 Resp: 483469

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

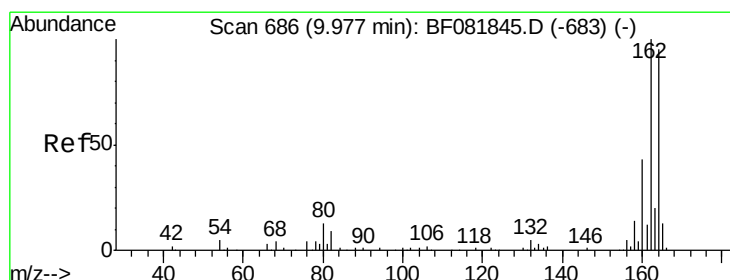
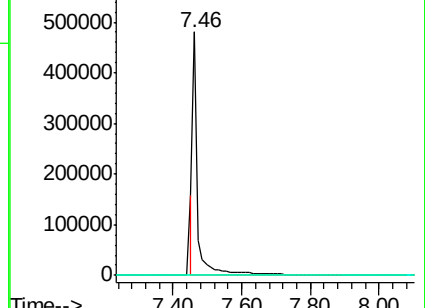
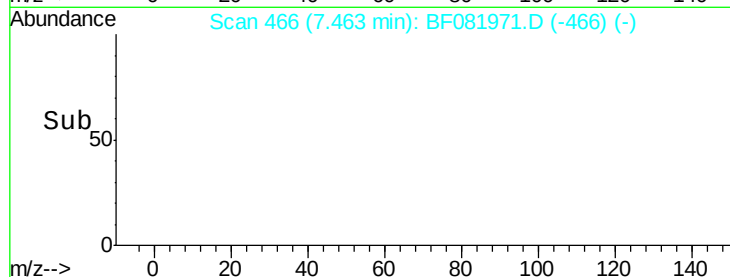
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081971.D

Acq: 2 Oct 2015 7:21

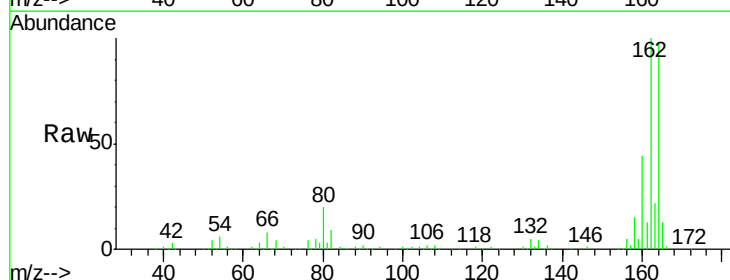
Tgt Ion: 164 Resp: 229169

Ion Ratio Lower Upper

164 100

162 101.6 75.2 112.8

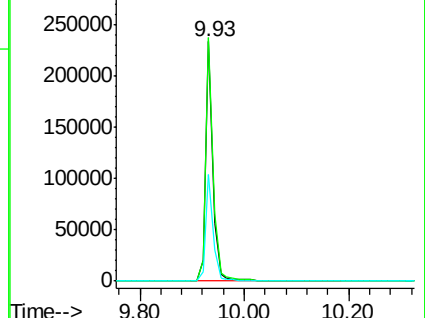
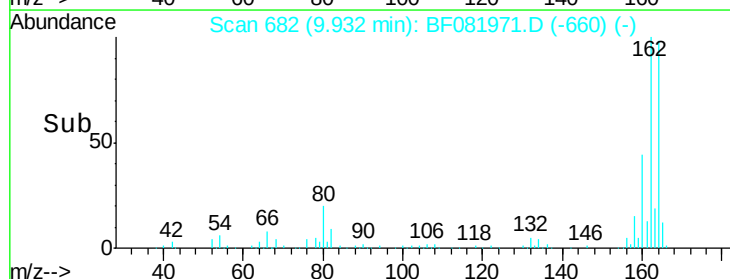
160 44.6 31.5 47.3

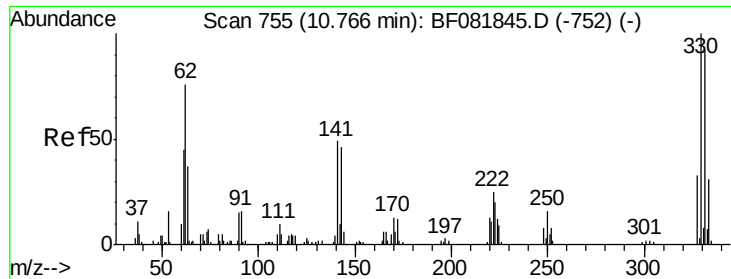


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

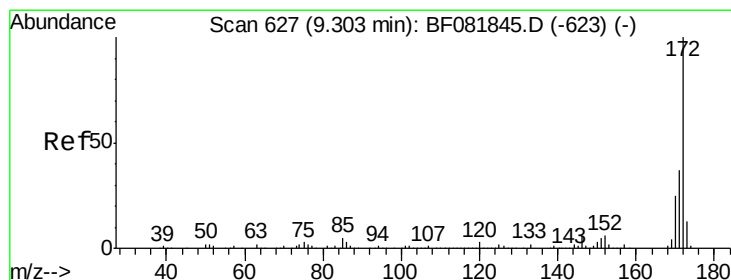
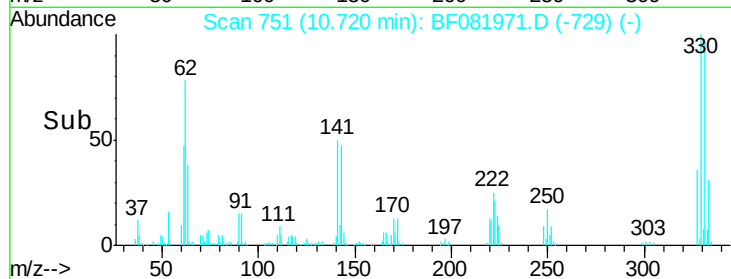
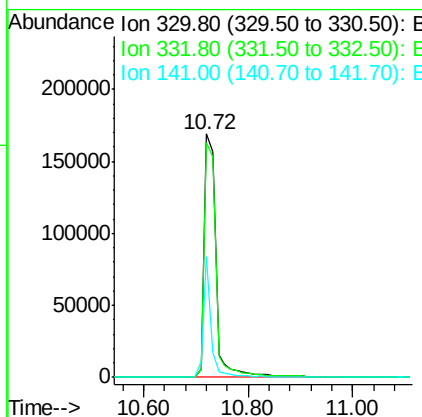
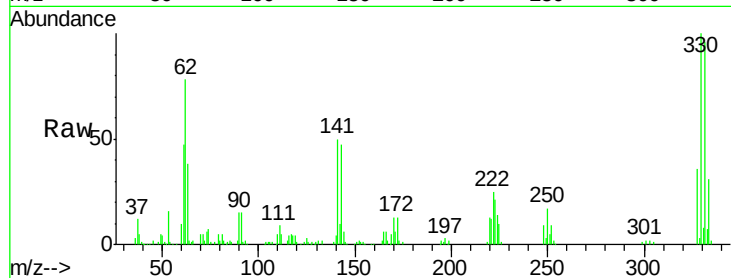




#41
 2,4,6-Tribromophenol
 Concen: 114.82 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

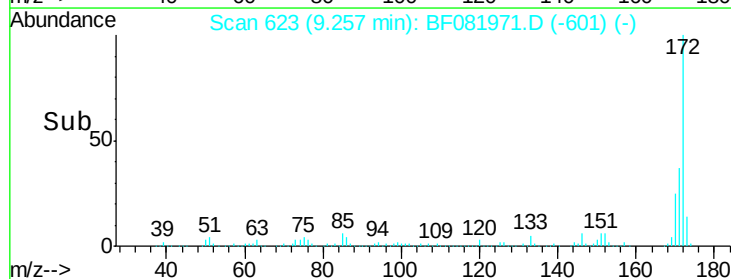
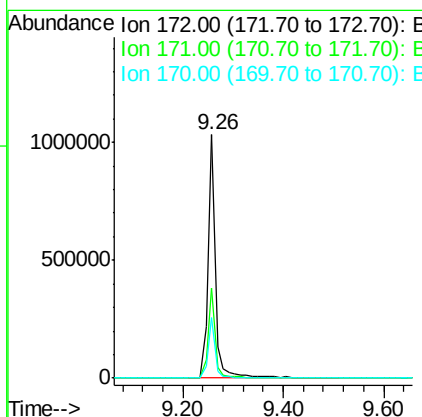
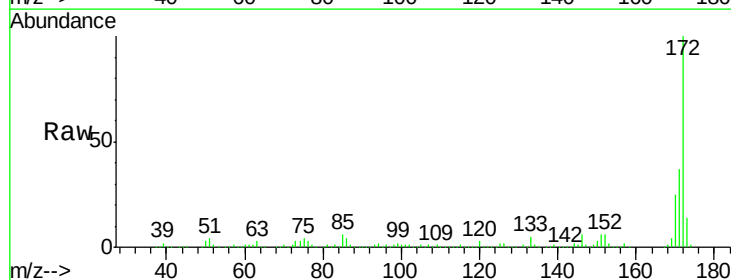
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 MGP123-14-16

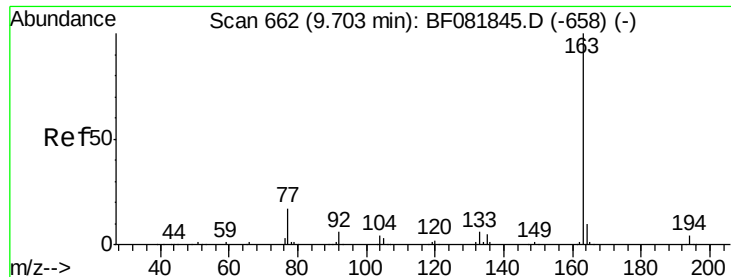
Tgt Ion:330 Resp: 266479
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 33.1 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 76.46 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

Tgt Ion:172 Resp: 1067771
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 25.1 17.4 26.2

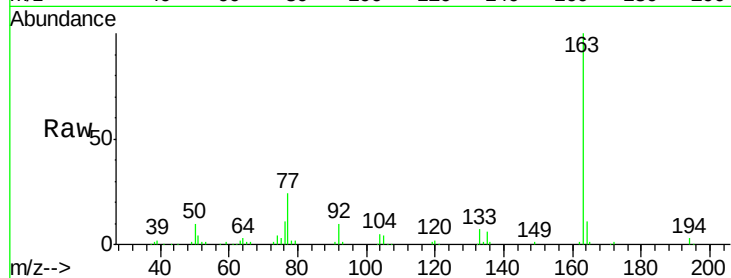




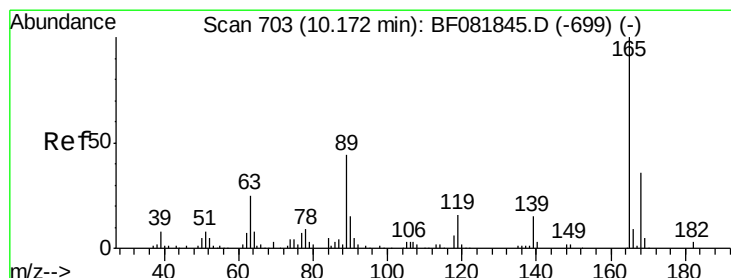
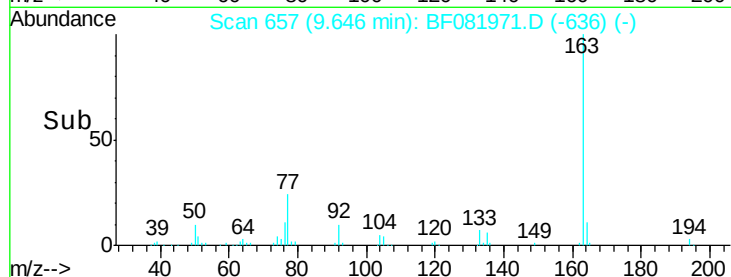
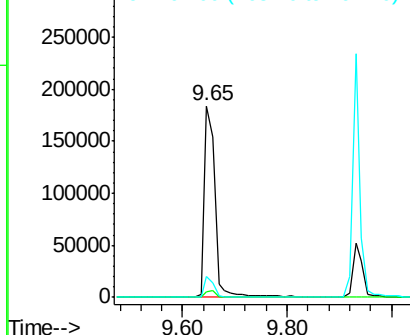
#49
Dimethylphthalate
Concen: 16.72 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF081971.D
Acq: 2 Oct 2015 7:21

Instrument :
BNA_F
ClientSampleId :
MGP123-14-16

Tgt Ion:163 Resp: 264517
Ion Ratio Lower Upper
163 100
194 2.9 4.4 6.6#
164 10.7 8.3 12.5

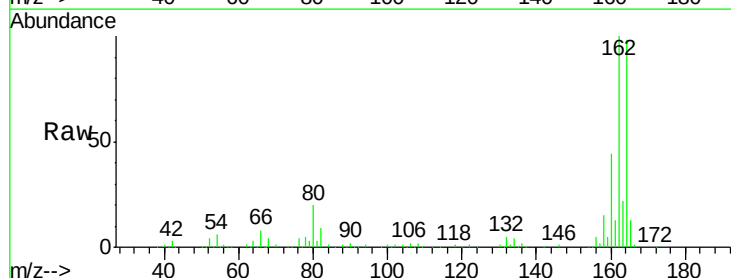


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

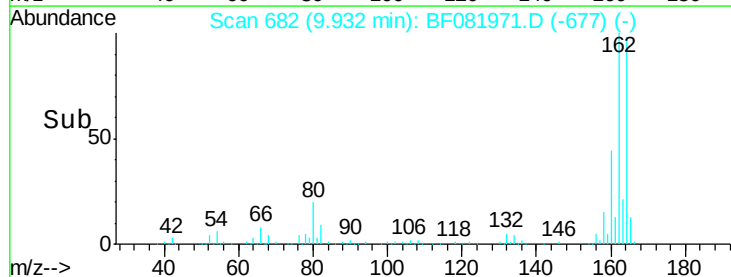
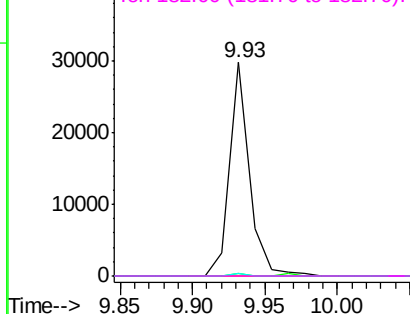


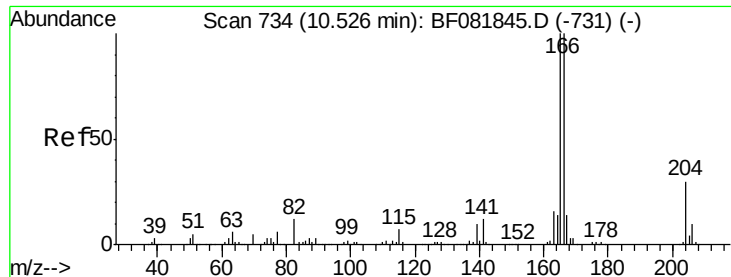
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF081971.D
Acq: 2 Oct 2015 7:21

Tgt Ion:165 Resp: 28432
Ion Ratio Lower Upper
165 100
63 1.2 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

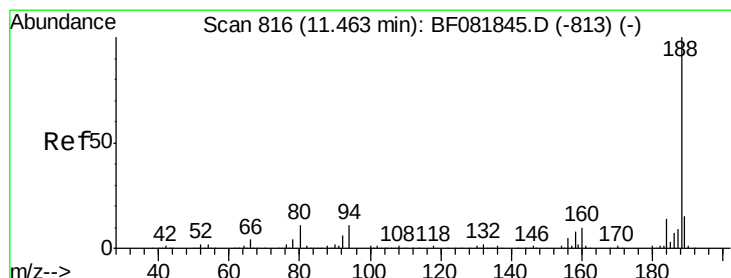
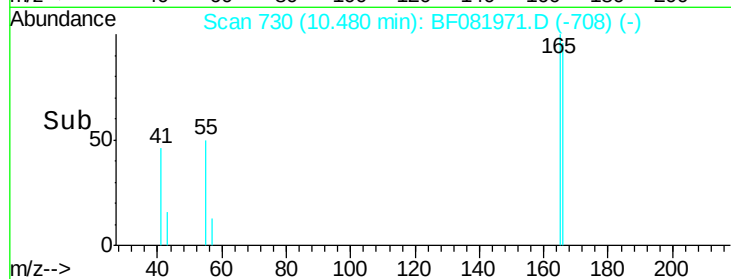
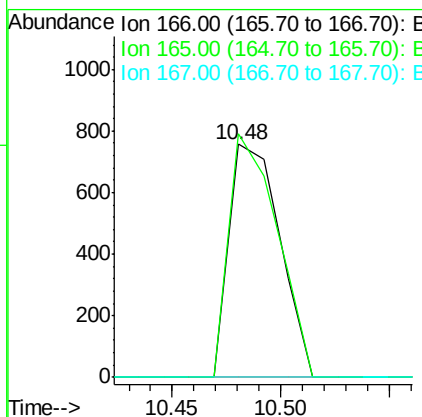
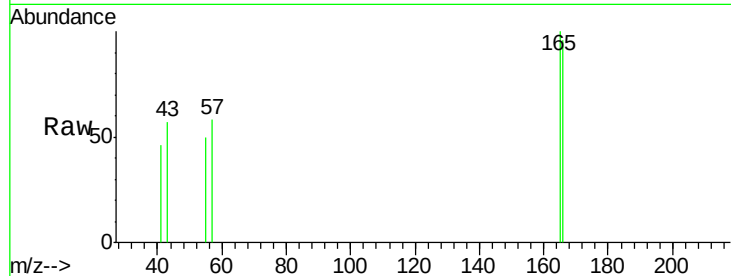




#57
Fluorene
 Concen: Below Cal
 RT: 10.48 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

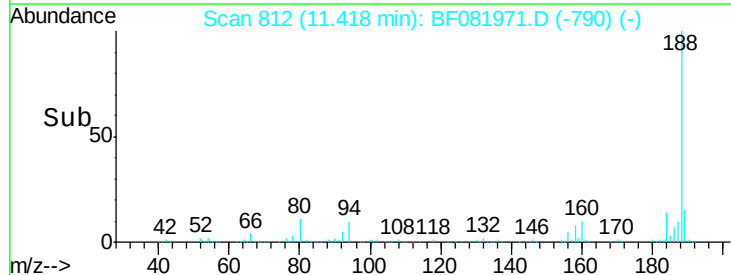
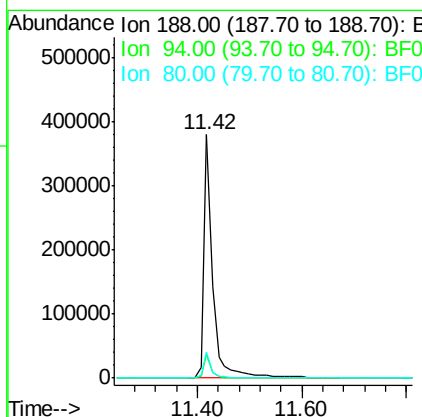
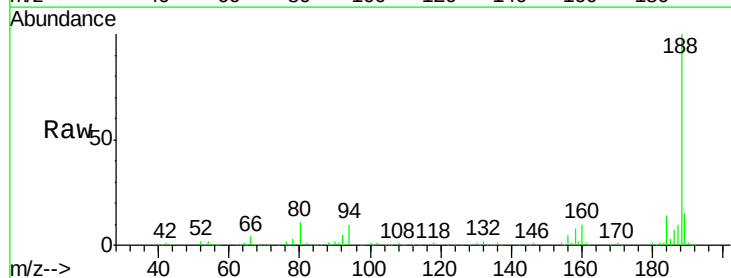
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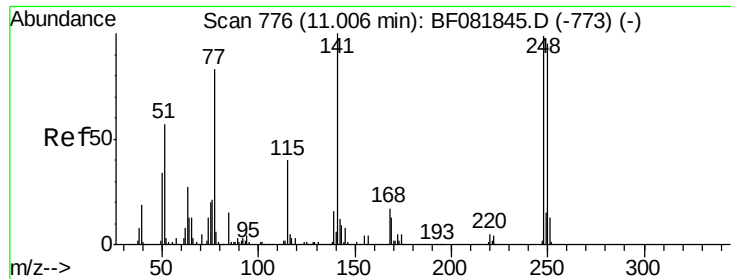
Tgt Ion:166 Resp: 1223
 Ion Ratio Lower Upper
 166 100
 165 104.6 72.6 109.0
 167 0.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

Tgt Ion:188 Resp: 454063
 Ion Ratio Lower Upper
 188 100
 94 9.7 11.1 16.7#
 80 10.8 11.0 16.4#

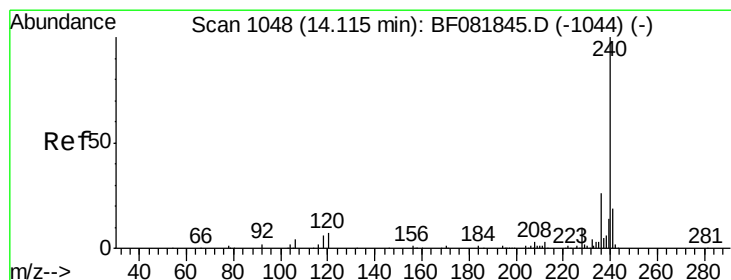
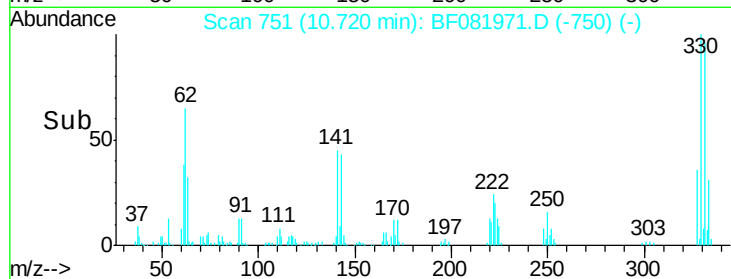
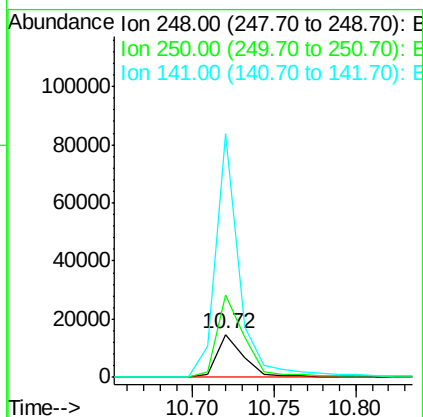
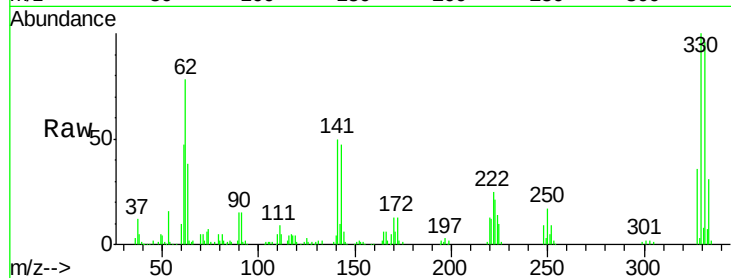




#66
 4-Bromophenyl-phenylether
 Concen: 3.69 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

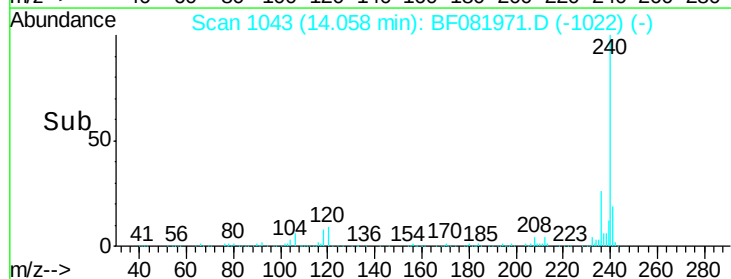
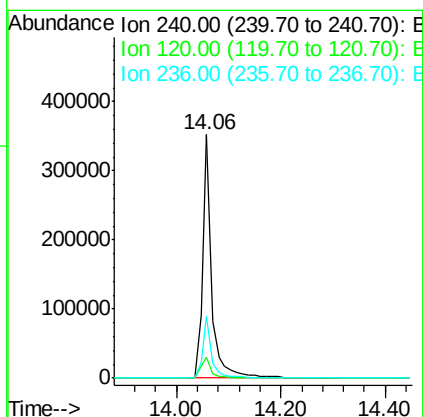
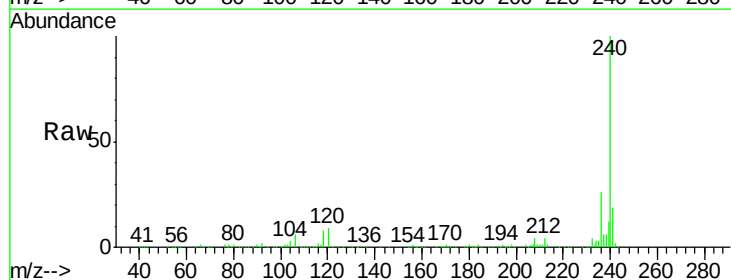
Instrument :
 BNA_F
 ClientSampleId :
 MGP123-14-16

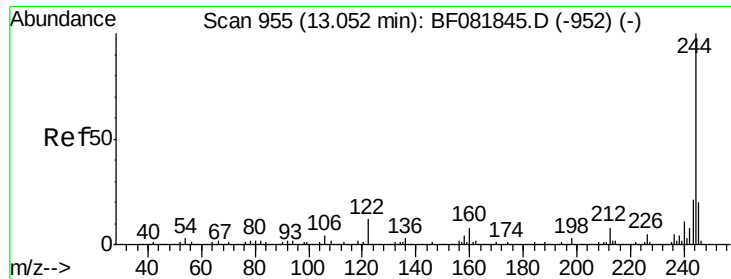
Tgt Ion:248 Resp: 16874
 Ion Ratio Lower Upper
 248 100
 250 190.6 78.5 117.7#
 141 565.4 59.0 88.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

Tgt Ion:240 Resp: 429957
 Ion Ratio Lower Upper
 240 100
 120 8.6 16.2 24.2#
 236 25.6 18.4 27.6

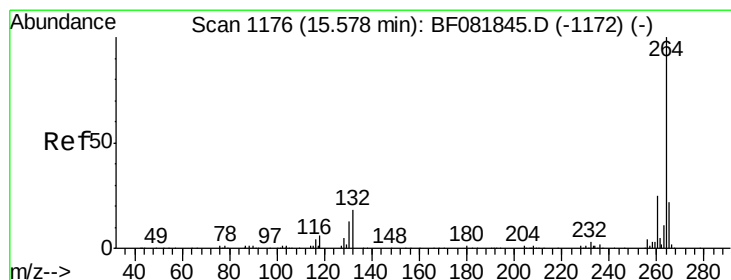
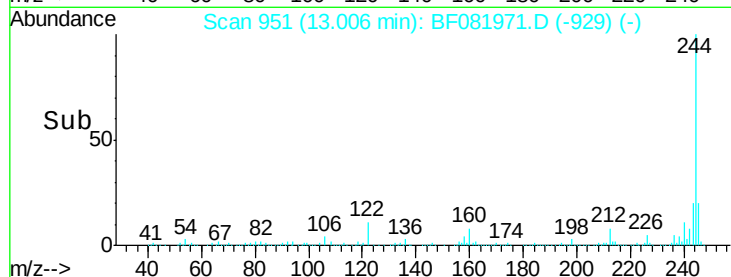
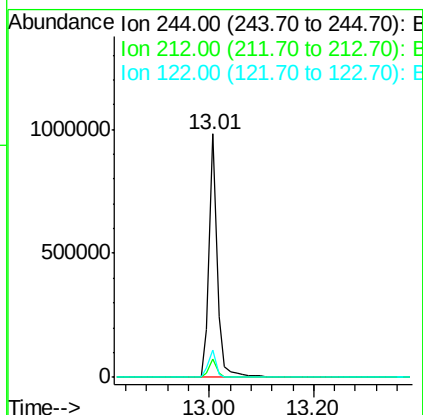
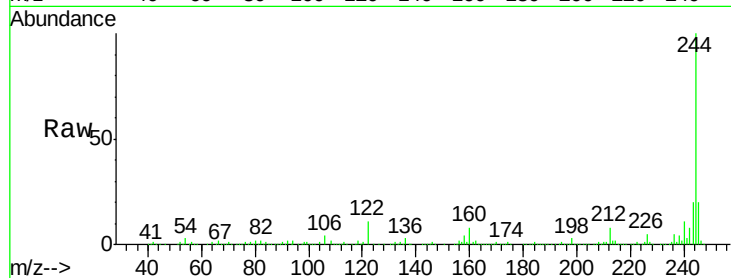




#78
 Terphenyl-d14
 Concen: 78.60 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-14-16

Tgt Ion:244 Resp: 1068336
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081971.D
 Acq: 2 Oct 2015 7:21

Tgt Ion:264 Resp: 314846
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 20.6 17.2 25.8

