

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100715\
 Data File : BF082117.D
 Acq On : 7 Oct 2015 21:35
 Operator : UM/IZ
 Sample : G3924-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP213BR-50-51

Quant Time: Oct 08 02:54:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 02:46:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	77578	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	324433	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	157495	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	323799	20.00	ng	0.00
75) Chrysene-d12	14.05	240	325730	20.00	ng	-0.01
86) Perylene-d12	15.49	264	267551	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	632041	147.90	ng	0.01
7) Phenol-d6	6.50	99	732571	136.23	ng	0.00
23) Nitrobenzene-d5	7.44	82	466488	95.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	234395	146.95	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	792051	83.95	ng	-0.01
78) Terphenyl-d14	13.00	244	1070520	118.89	ng	0.00

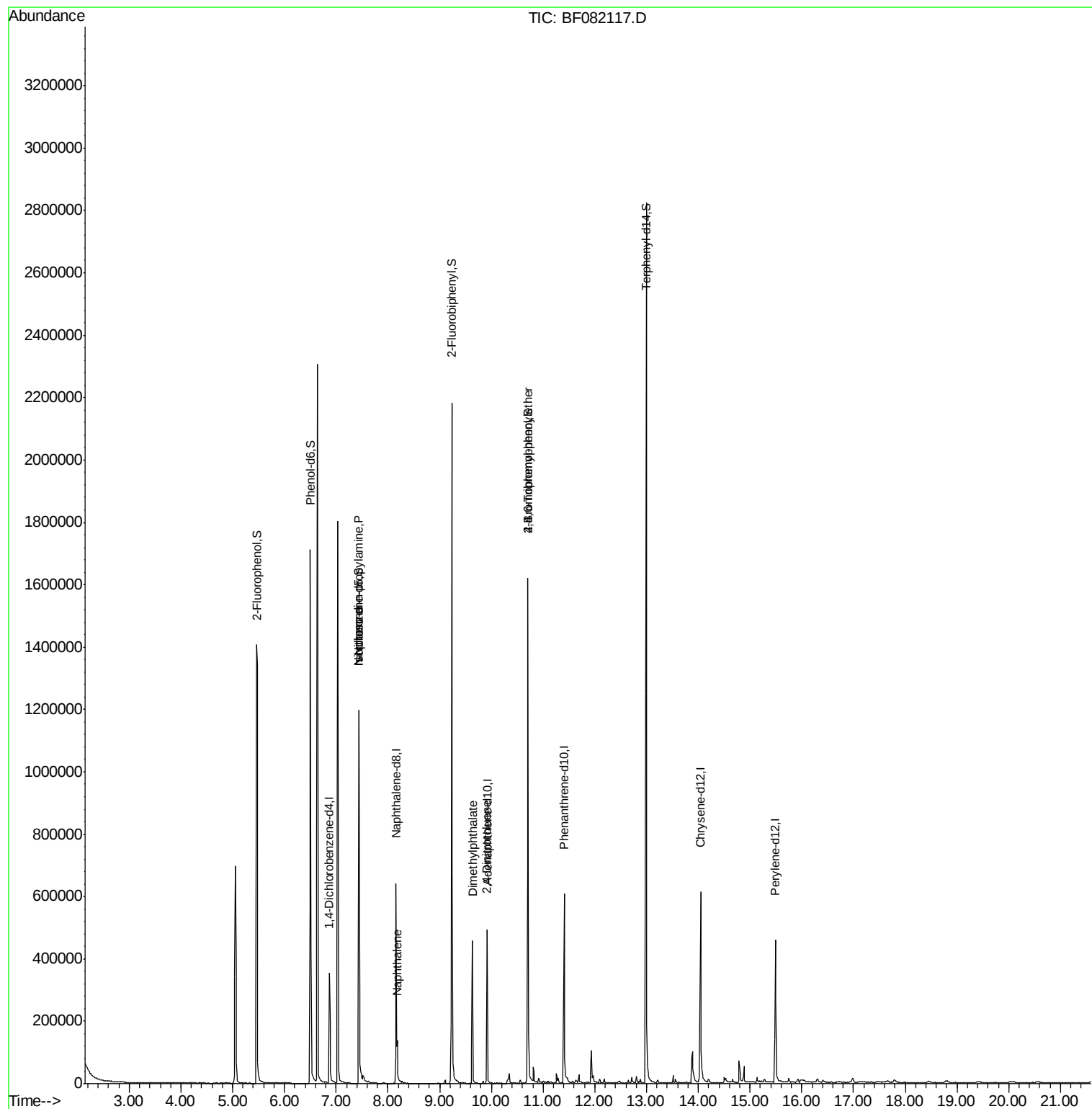
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	59647	18.25	ng	# 57
25) Isophorone	7.44	82	415136	43.03	ng	# 58
31) Naphthalene	8.18	128	64194	4.47	ng	# 99
49) Dimethylphthalate	9.63	163	218824	20.13	ng	# 97
56) 2,4-Dinitrotoluene	9.91	165	19240	6.39	ng	# 31
57) Fluorene	10.71	166	10039	Below Cal		# 82
66) 4-Bromophenyl-phenylether	10.71	248	15954	4.89	ng	# 1
70) Phenanthrene	11.43	178	229	Below Cal		# 62
73) Di-n-butylphthalate	11.97	149	10613	Below Cal		# 99

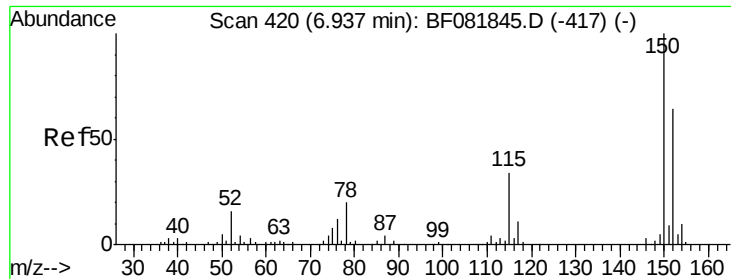
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

MGP213BR-50-51

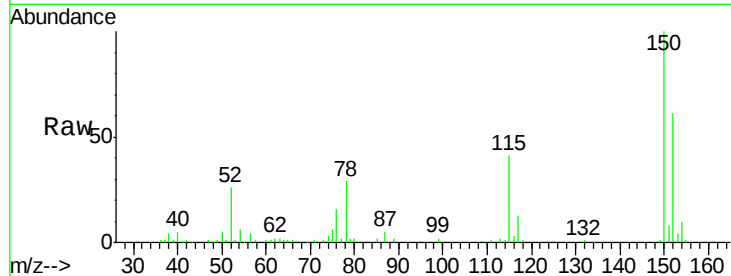
Tot Ion:152 Resp: 77578

Ion Ratio Lower Upper

152 100

150 163.2 124.7 187.1

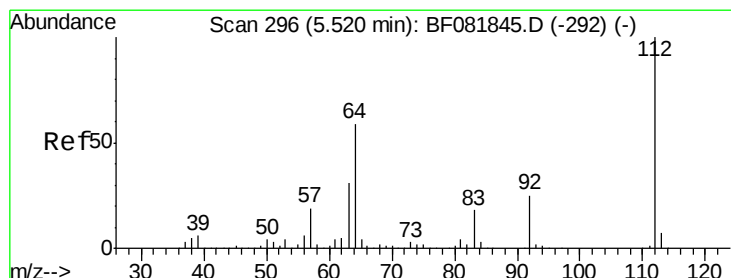
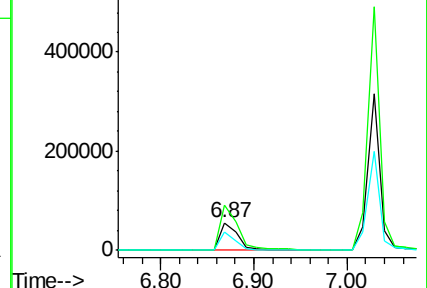
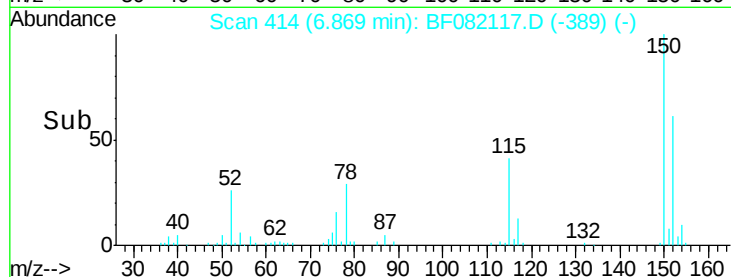
115 66.1 39.0 58.4#



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: 147.90 ng

RT: 5.47 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

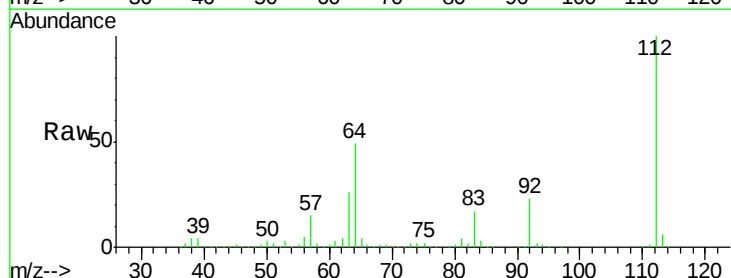
Tgt Ion:112 Resp: 632041

Ion Ratio Lower Upper

112 100

64 49.4 39.7 59.5

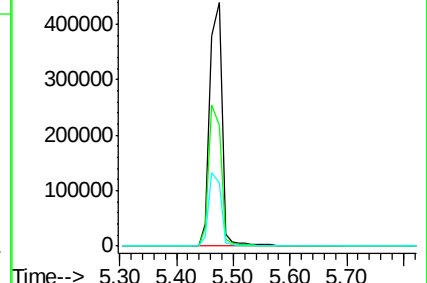
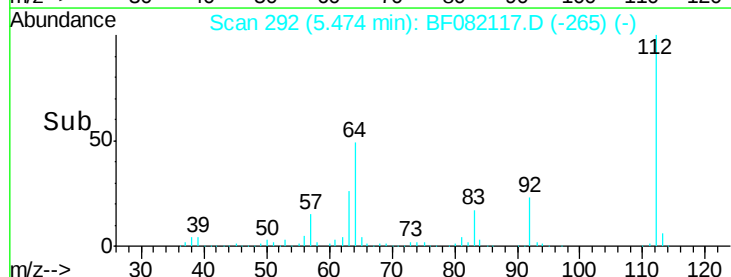
63 26.0 17.4 26.0#

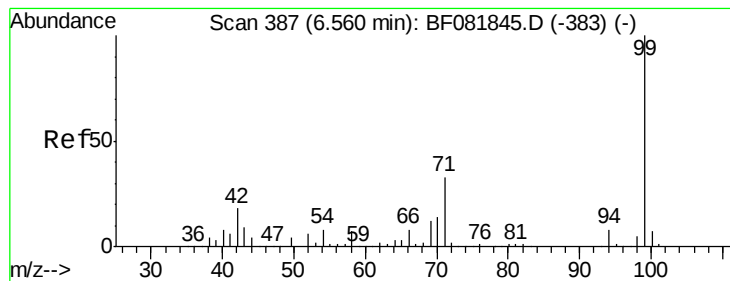


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.23 ng

RT: 6.50 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

MGP213BR-50-51

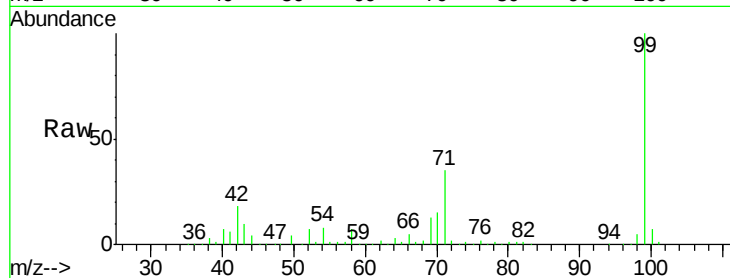
Tot Ion: 99 Resp: 732571

Ion Ratio Lower Upper

99 100

42 18.5 13.7 20.5

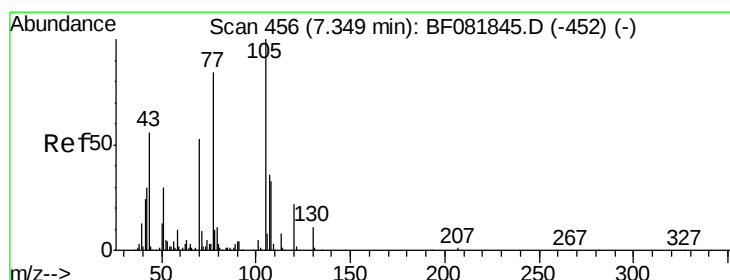
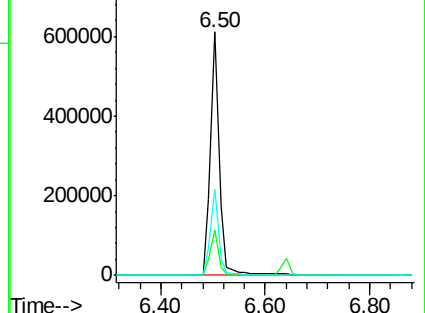
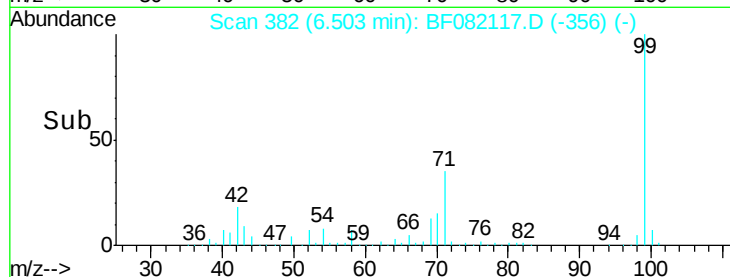
71 35.3 14.2 21.2#



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: 18.25 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

Tgt Ion: 70 Resp: 59647

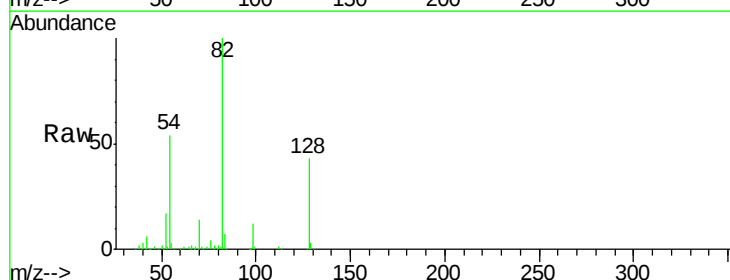
Ion Ratio Lower Upper

70 100

42 45.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

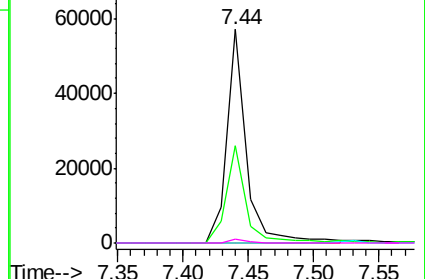
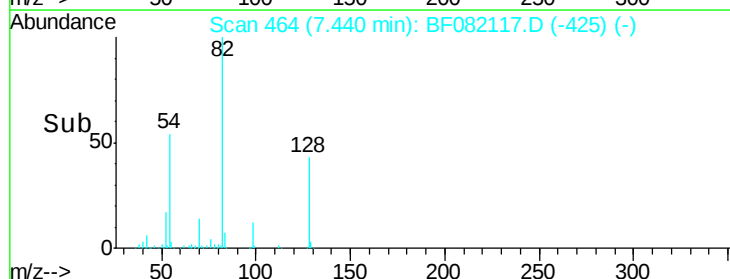


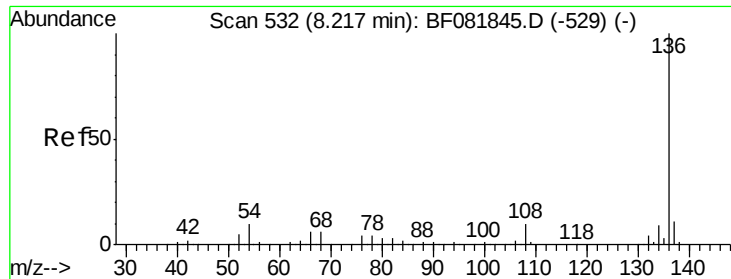
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

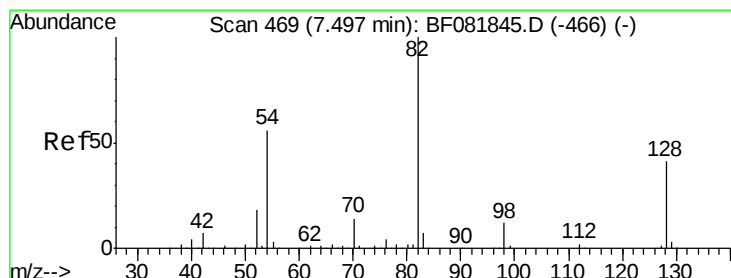
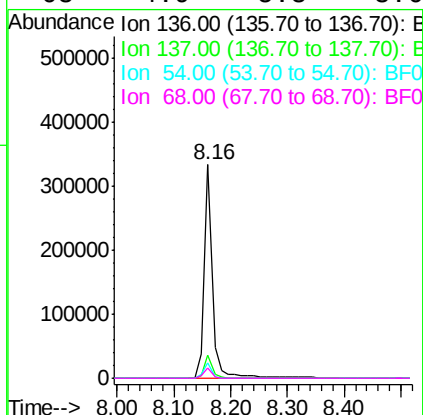
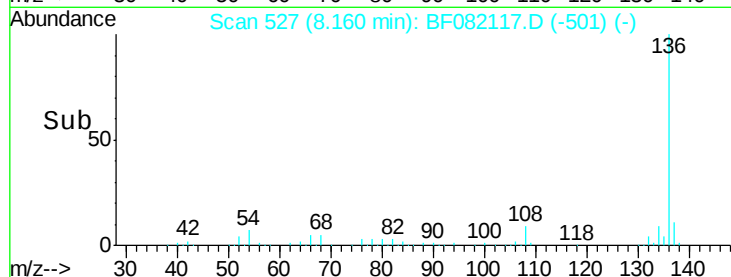
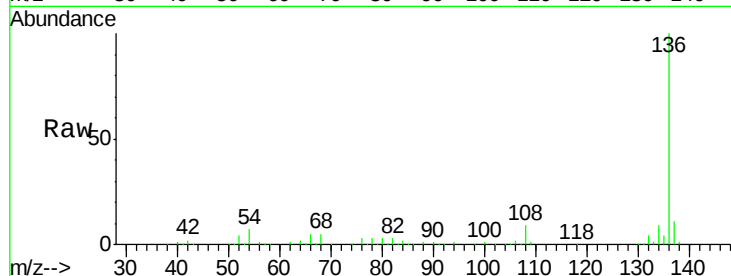




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF082117.D
Acq: 7 Oct 2015 21:35

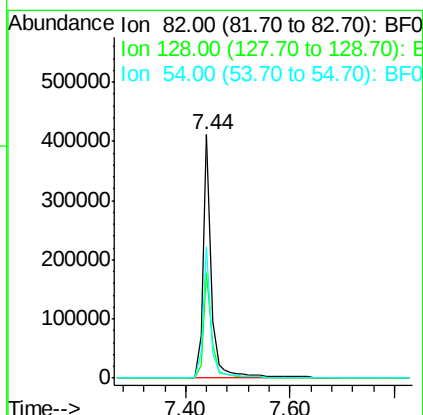
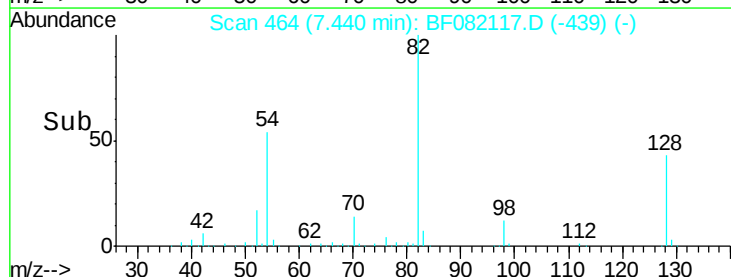
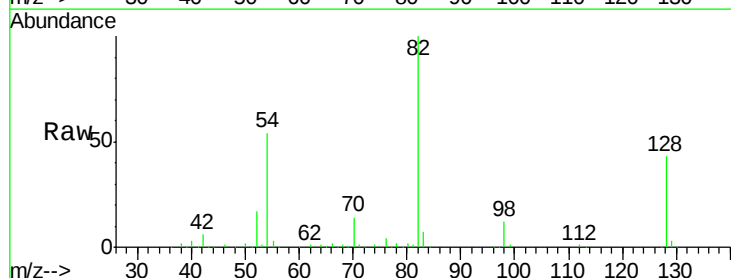
Instrument :
BNA_F
ClientSampleId :
MGP213BR-50-51

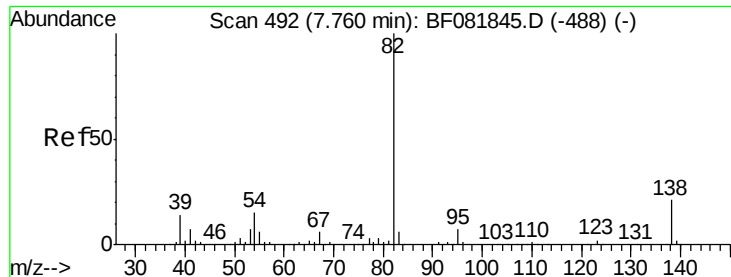
Tot Ion:136 Resp: 324433
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.2 8.2 12.2#
68 4.9 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 95.85 ng
RT: 7.44 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF082117.D
Acq: 7 Oct 2015 21:35

Tgt Ion: 82 Resp: 466488
Ion Ratio Lower Upper
82 100
128 43.3 51.0 76.6#
54 54.0 47.5 71.3





#25

Isophorone

Concen: 43.03 ng

RT: 7.44 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

MGP213BR-50-51

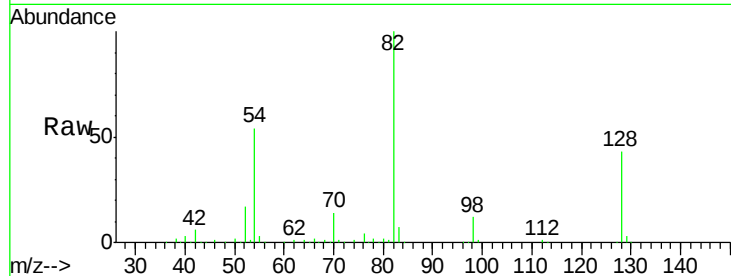
Tot Ion: 82 Resp: 415136

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

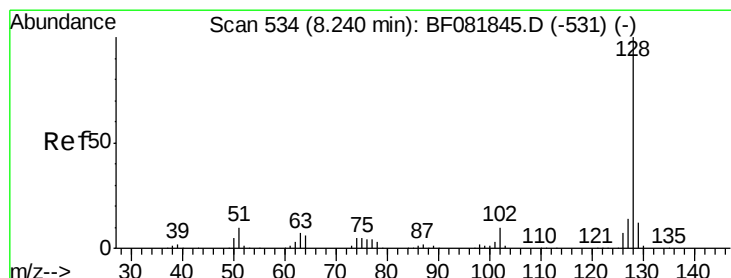
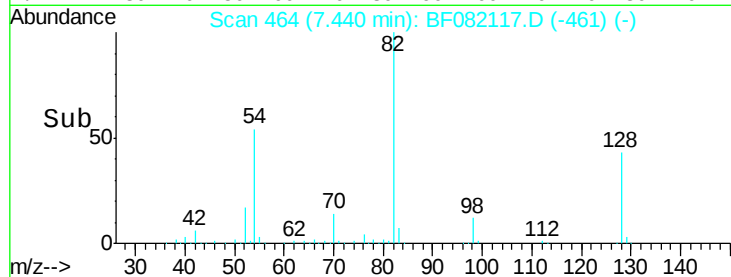
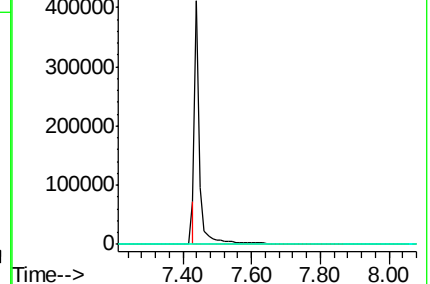
138 0.0 18.3 27.5#



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



#31

Naphthalene

Concen: 4.47 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

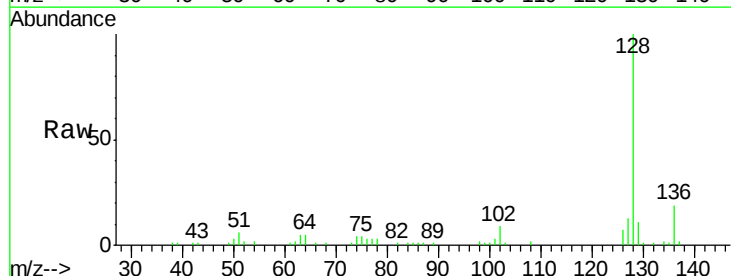
Tgt Ion: 128 Resp: 64194

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

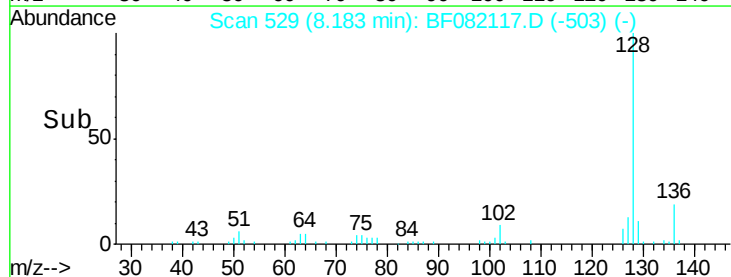
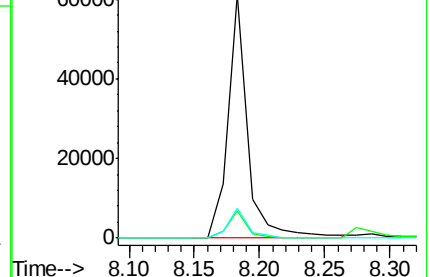
127 12.5 9.9 14.9

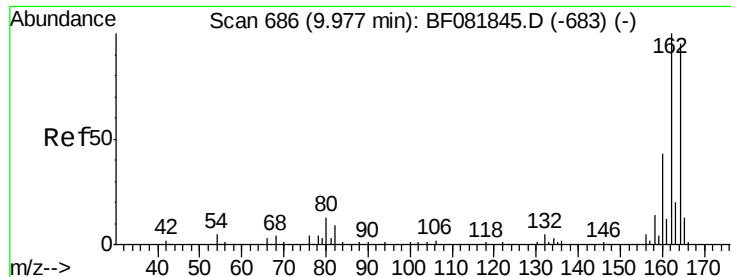


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

MGP213BR-50-51

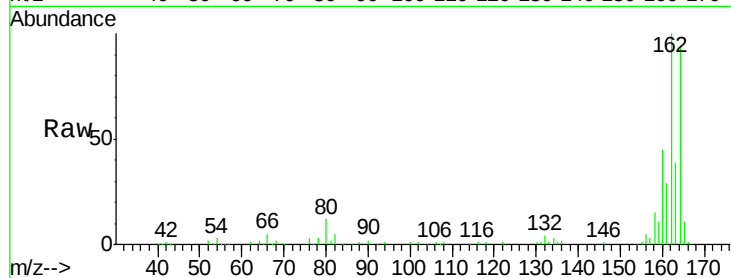
Tot Ion:164 Resp: 157495

Ion Ratio Lower Upper

164 100

162 106.5 75.2 112.8

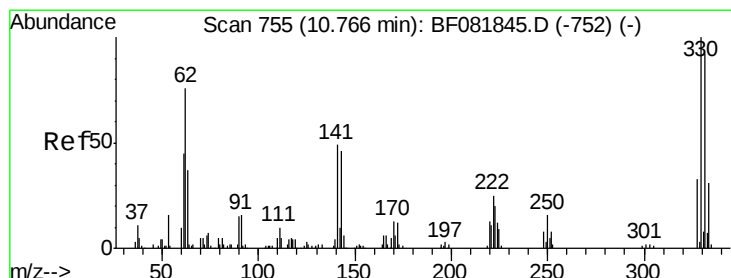
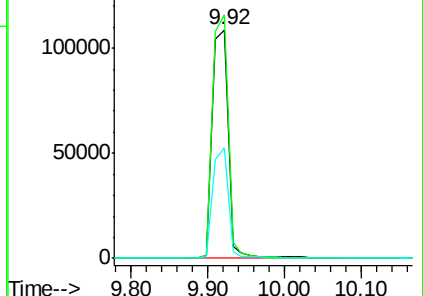
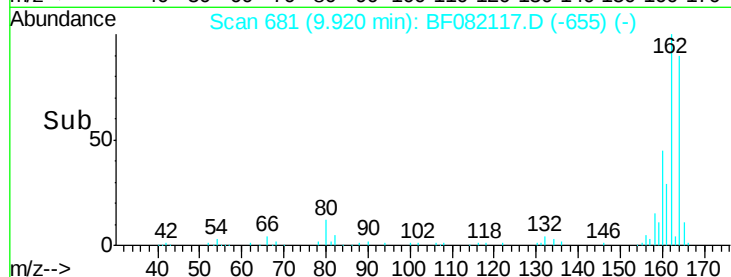
160 48.3 31.5 47.3#



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: 146.95 ng

RT: 10.71 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

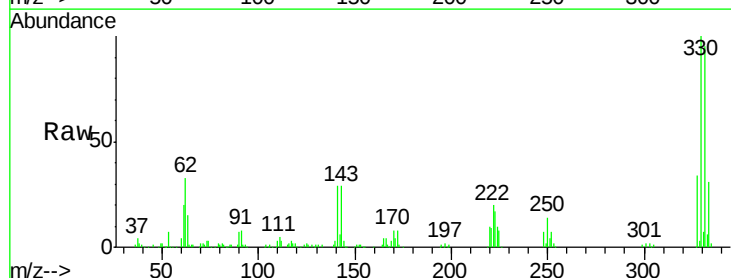
Tgt Ion:330 Resp: 234395

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

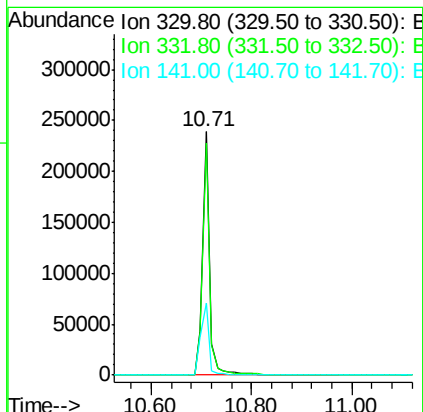
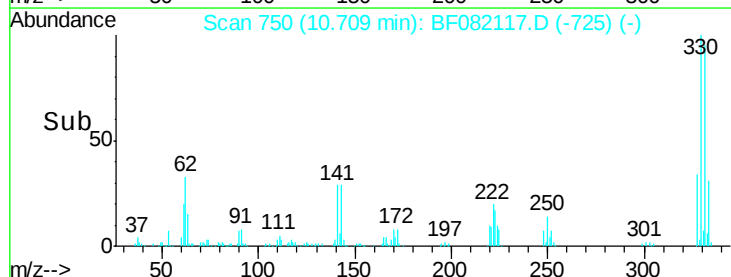
141 35.0 29.7 44.5

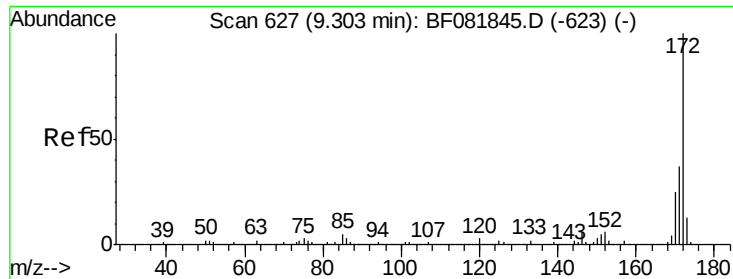


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

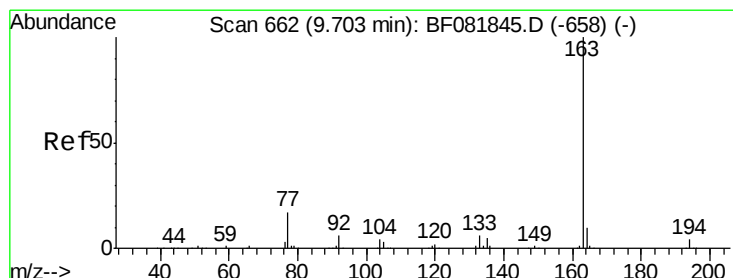
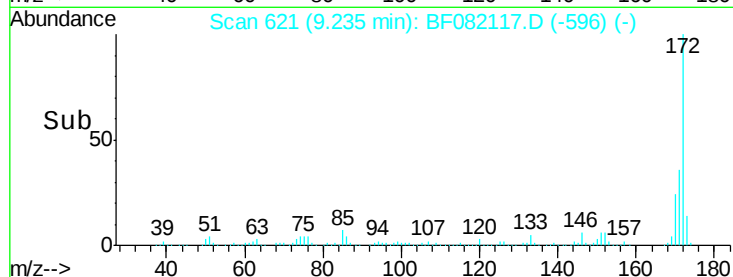
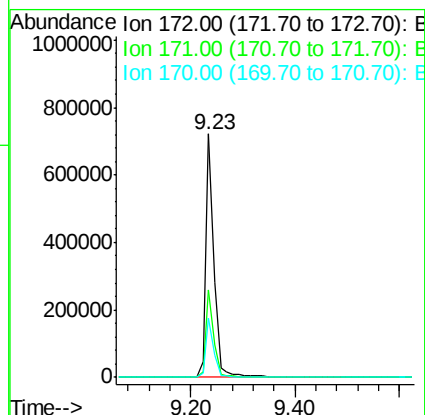
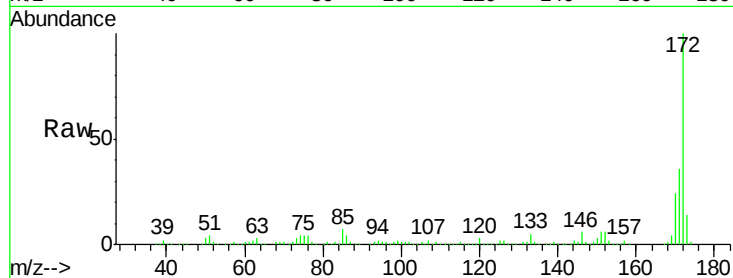




#44
 2-Fluorobiphenyl
 Concen: 83.95 ng
 RT: 9.23 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF082117.D
 Acq: 7 Oct 2015 21:35

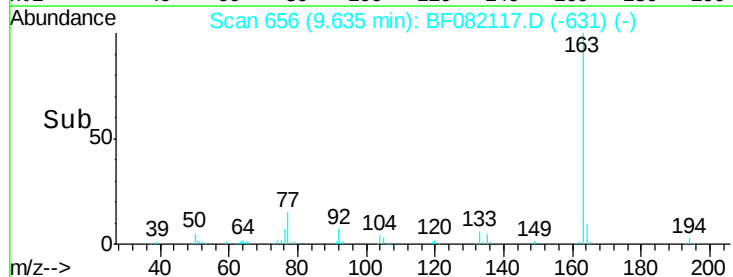
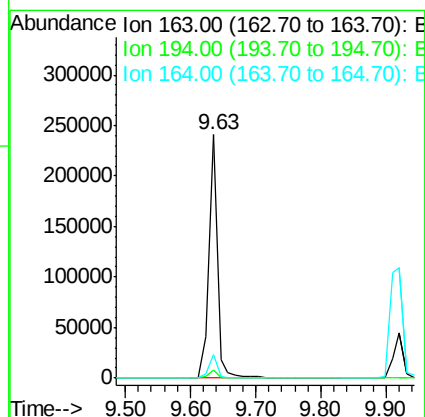
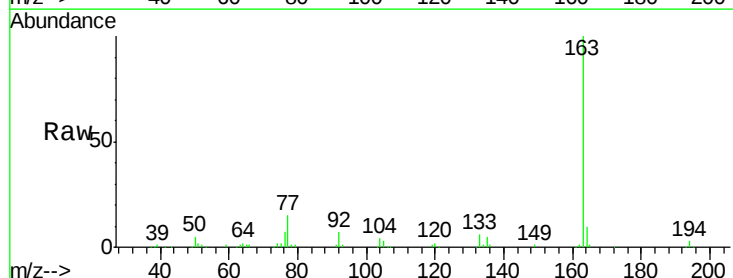
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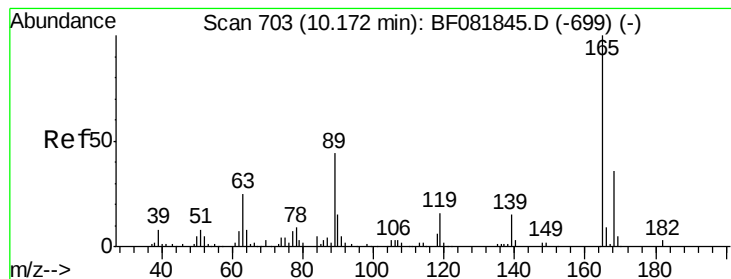
Tot Ion:172 Resp: 792051
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 20.13 ng
 RT: 9.63 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF082117.D
 Acq: 7 Oct 2015 21:35

Tgt Ion:163 Resp: 218824
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 9.6 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.39 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.21 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

MGP213BR-50-51

Tot Ion:165 Resp: 19240

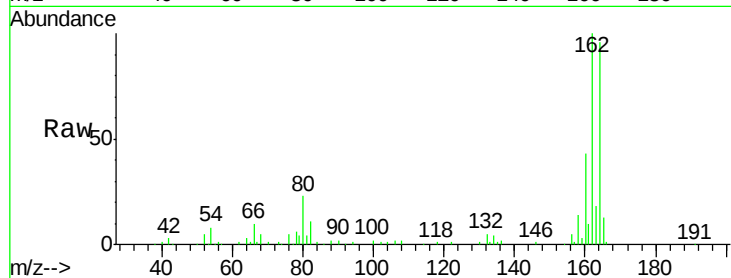
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

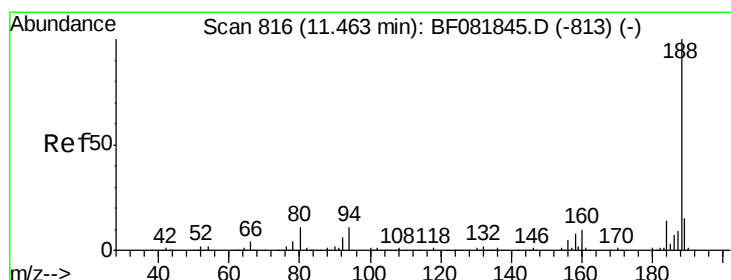
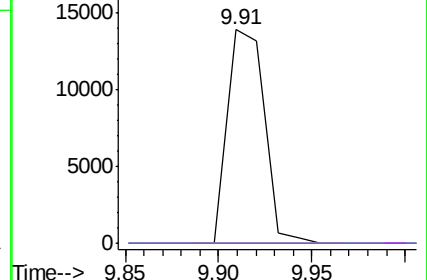
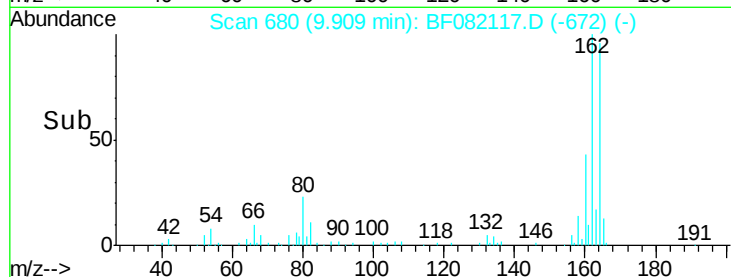


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.41 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF082117.D

Acq: 7 Oct 2015 21:35

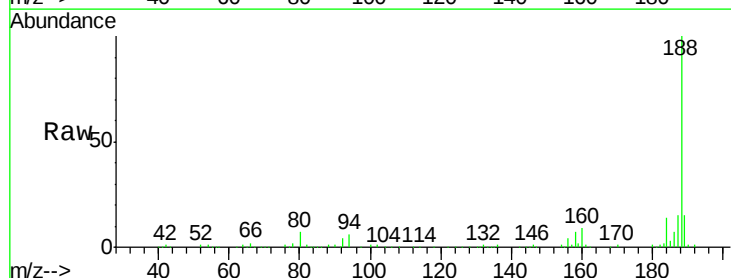
Tgt Ion:188 Resp: 323799

Ion Ratio Lower Upper

188 100

94 6.5 11.1 16.7#

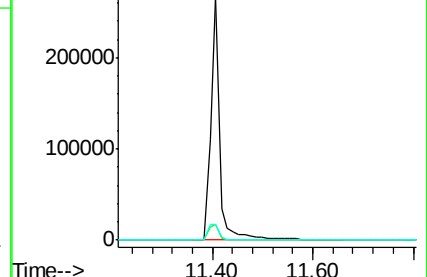
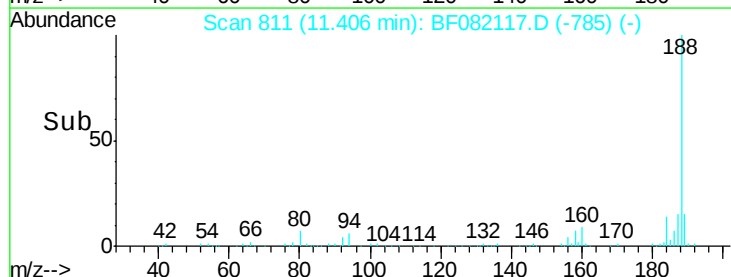
80 6.6 11.0 16.4#

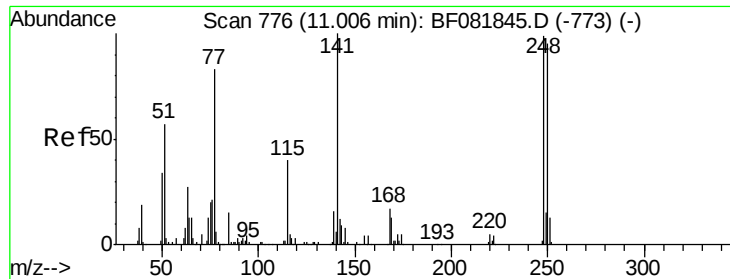


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

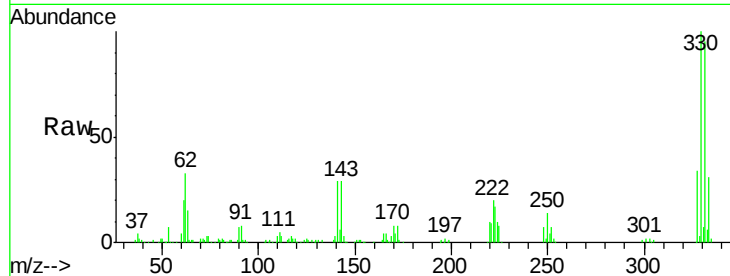




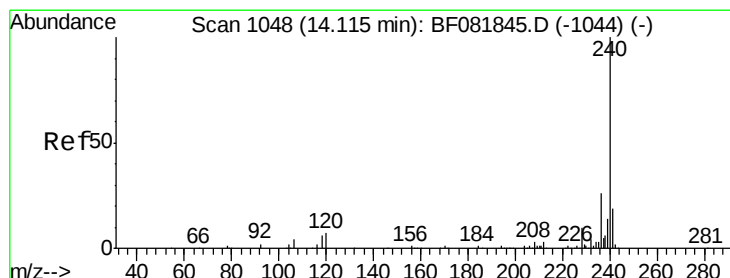
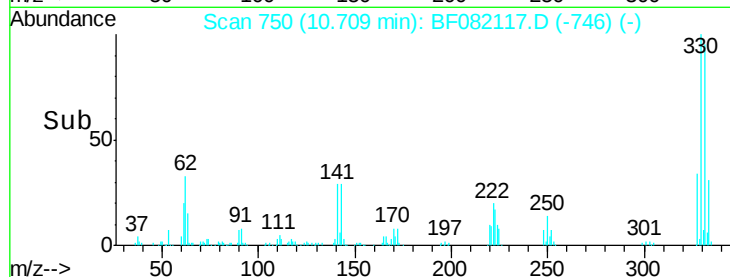
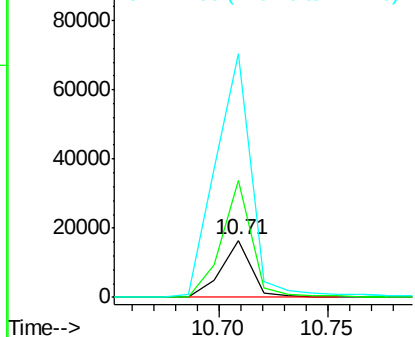
#66
4-Bromophenyl-phenylether
Concen: 4.89 ng
RT: 10.71 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF082117.D
Acq: 7 Oct 2015 21:35

Instrument :
BNA_F
ClientSampleId :
MGP213BR-50-51

Tot Ion:248 Resp: 15954
Ion Ratio Lower Upper
248 100
250 204.6 78.5 117.7#
141 425.9 59.0 88.6#

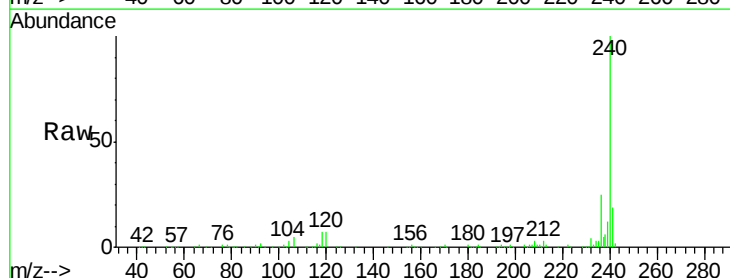


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

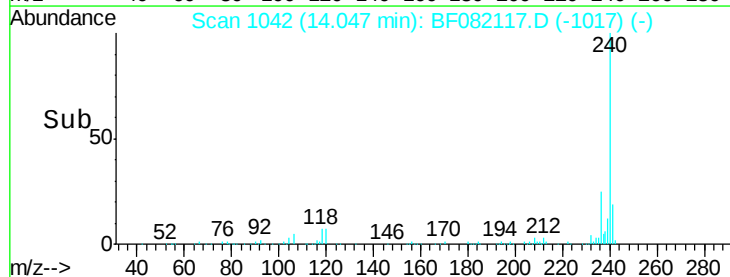
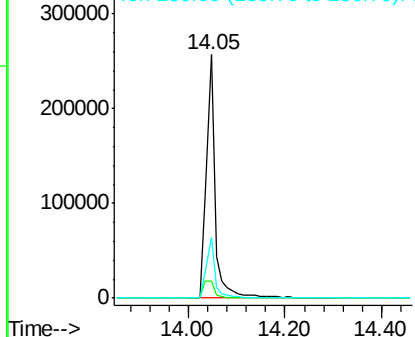


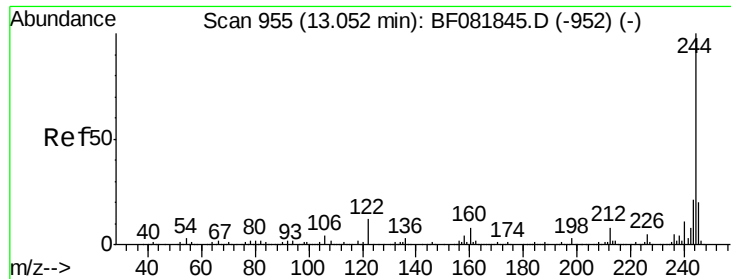
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082117.D
Acq: 7 Oct 2015 21:35

Tgt Ion:240 Resp: 325730
Ion Ratio Lower Upper
240 100
120 7.1 16.2 24.2#
236 25.1 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

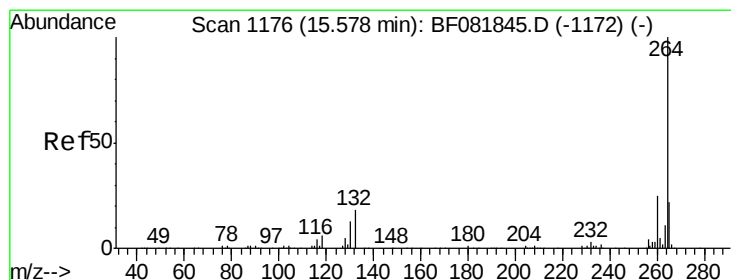
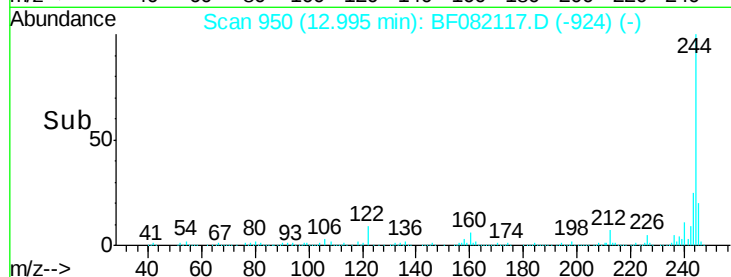
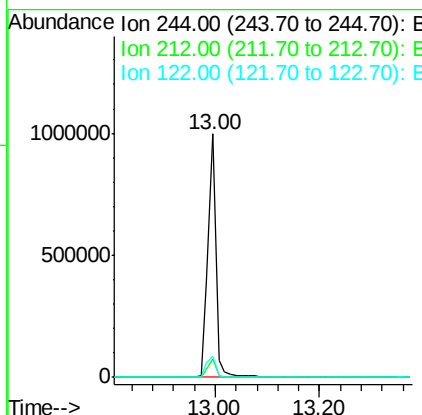
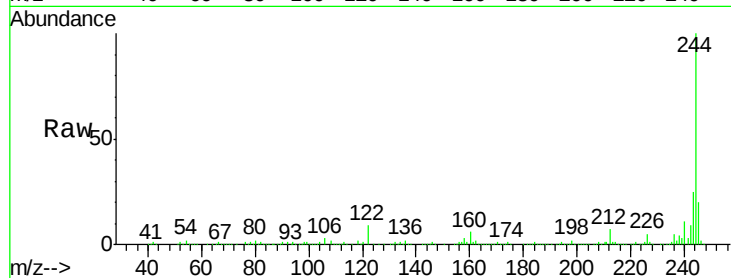




#78
 Terphenyl-d14
 Concen: 118.89 ng
 RT: 13.00 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF082117.D
 Acq: 7 Oct 2015 21:35

Instrument :
 BNA_F
 ClientSampleId :
 MGP213BR-50-51

Tot Ion:244 Resp: 1070520
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 8.7 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF082117.D
 Acq: 7 Oct 2015 21:35

Tgt Ion:264 Resp: 267551
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.6 17.2 25.8

