

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081898.D
 Acq On : 30 Sep 2015 5:28
 Operator : UM/IZ
 Sample : G3840-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-40-42

Quant Time: Sep 30 06:30:36 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

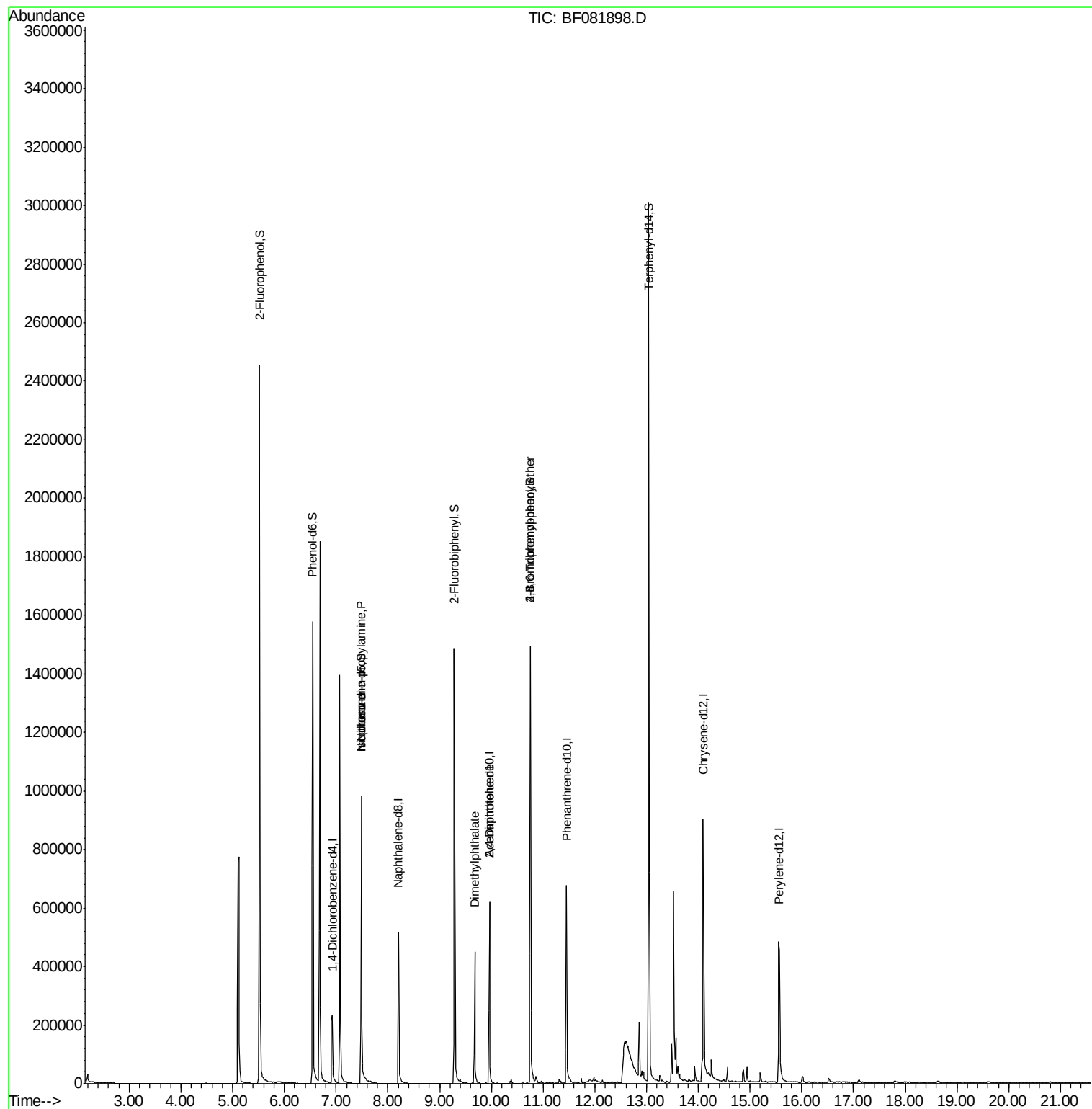
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	68636	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	288590	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	149324	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	316464	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	429393	20.00	ng	-0.02
86) Perylene-d12	15.57	264	361605	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	749589	198.25	ng	0.00
7) Phenol-d6	6.55	99	656198	137.92	ng	-0.01
23) Nitrobenzene-d5	7.49	82	401874	92.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	209655	138.63	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	654088	70.98	ng	-0.02
78) Terphenyl-d14	13.04	244	1078434	79.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	52867	18.28	ng	# 58
25) Isophorone	7.49	82	356877	41.59	ng	# 58
49) Dimethylphthalate	9.68	163	217254	21.08	ng	# 97
56) 2,4-Dinitrotoluene	9.97	165	18244	6.40	ng	# 31
57) Fluorene	10.75	166	8178	Below	Cal	# 88
66) 4-Bromophenyl-phenylether	10.75	248	13898	4.36	ng	# 1
73) Di-n-butylphthalate	12.01	149	3666	Below	Cal	# 97

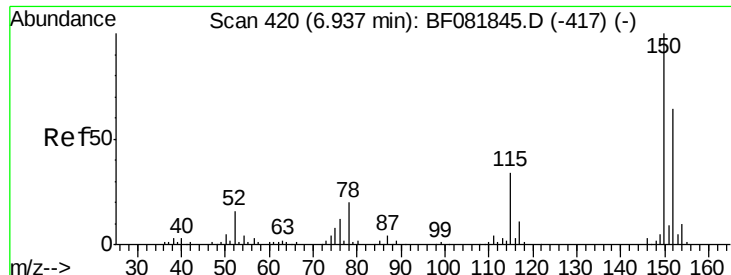
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Instrument :

BNA_F

ClientSampleId :

MGP219BR-40-42

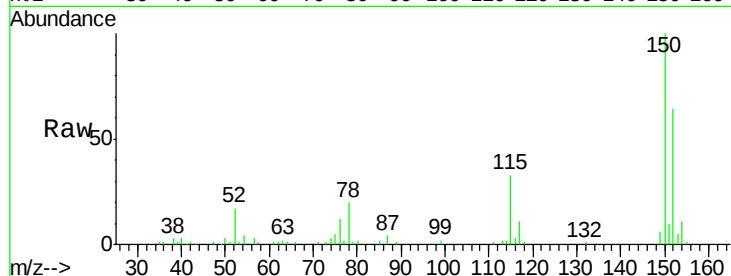
Tgt Ion:152 Resp: 68636

Ion Ratio Lower Upper

152 100

150 155.9 124.7 187.1

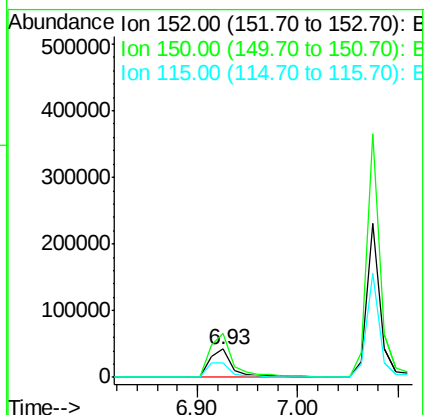
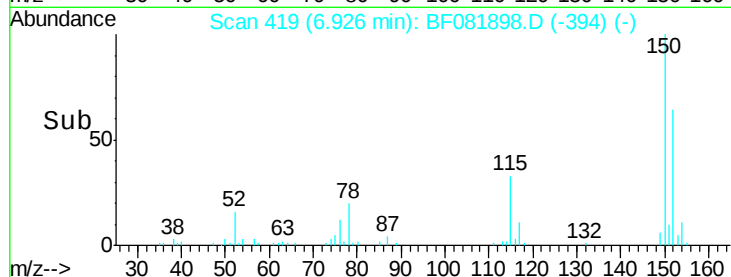
115 52.2 39.0 58.4



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: 198.25 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

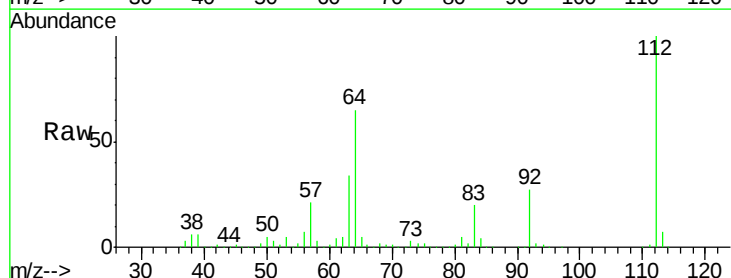
Tgt Ion:112 Resp: 749589

Ion Ratio Lower Upper

112 100

64 65.1 39.7 59.5#

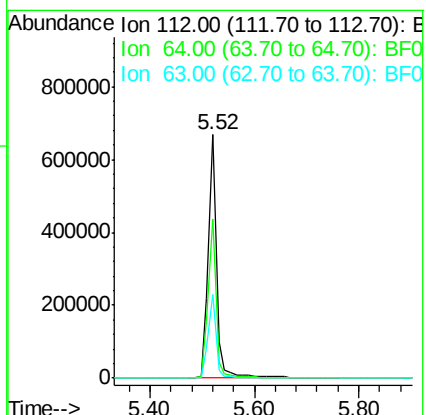
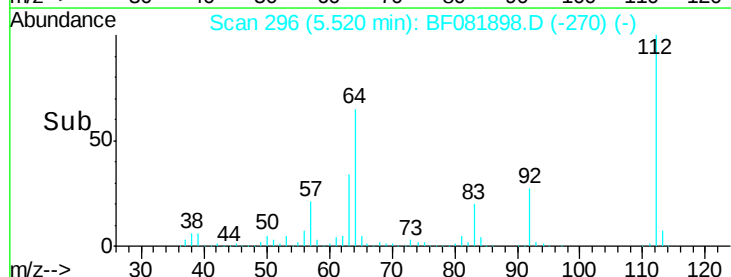
63 34.1 17.4 26.0#

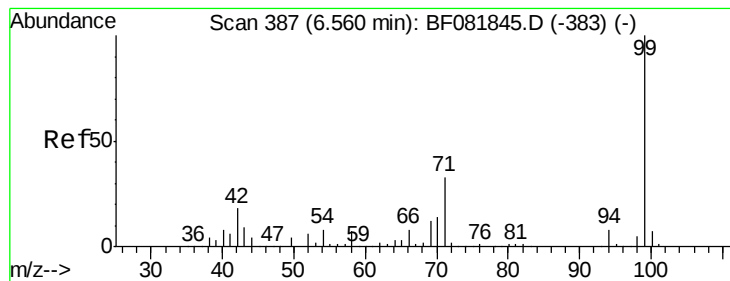


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.92 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Instrument :

BNA_F

ClientSampleId :

MGP219BR-40-42

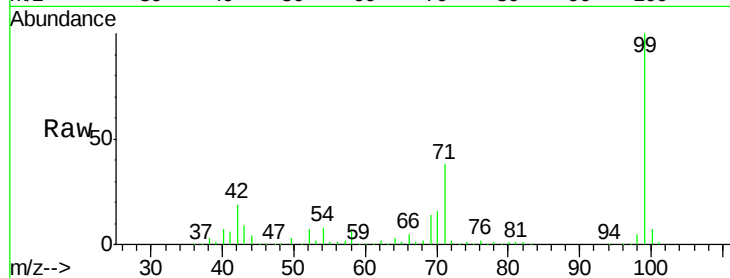
Tgt Ion: 99 Resp: 656198

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

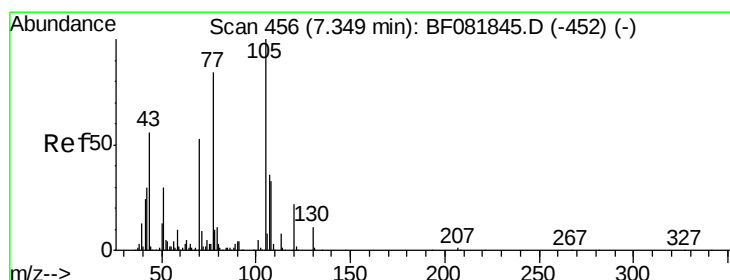
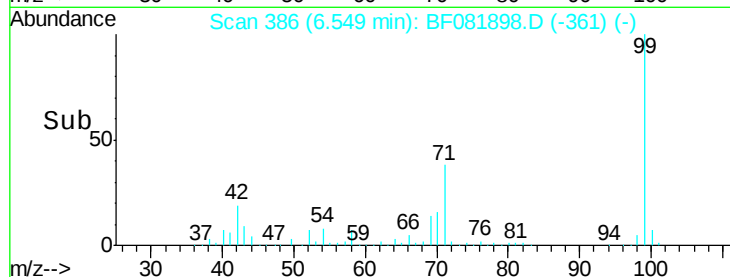
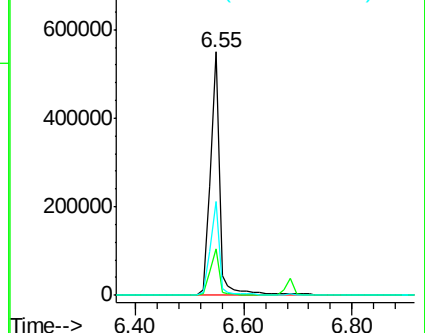
71 38.5 14.2 21.2#



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: 18.28 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Tgt Ion: 70 Resp: 52867

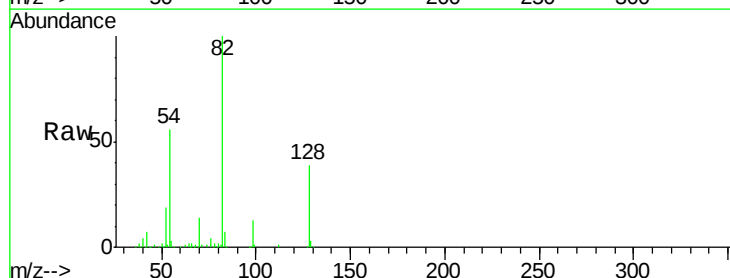
Ion Ratio Lower Upper

70 100

42 47.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

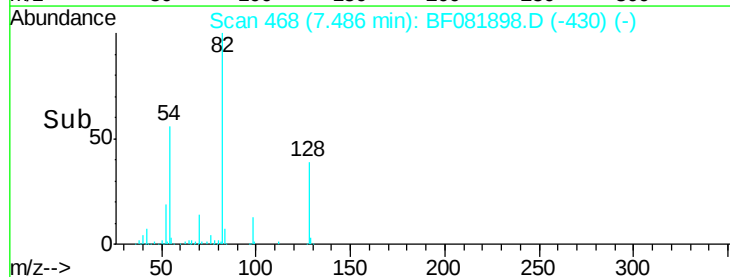
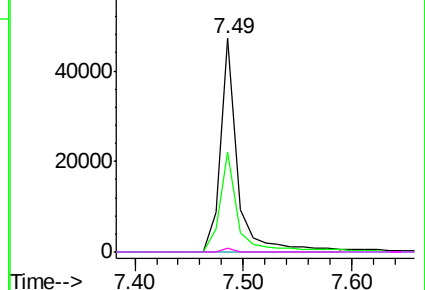


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

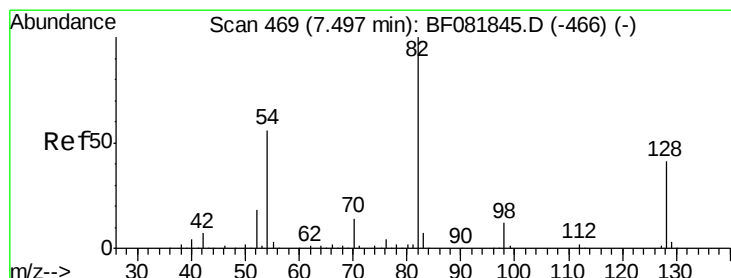
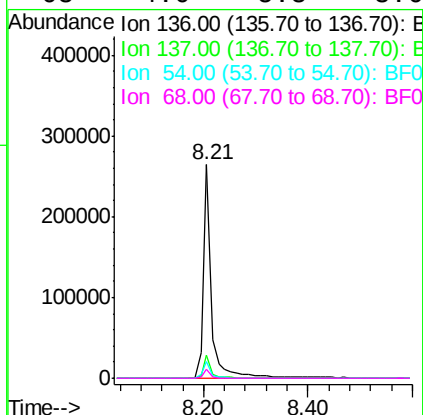
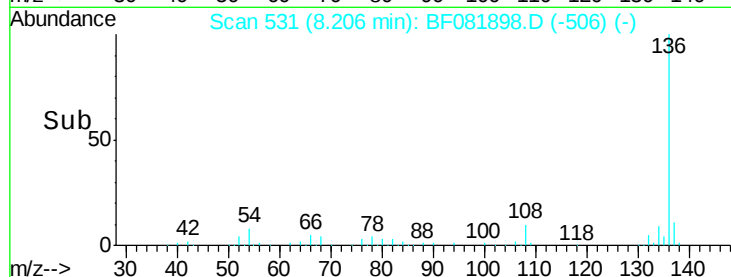
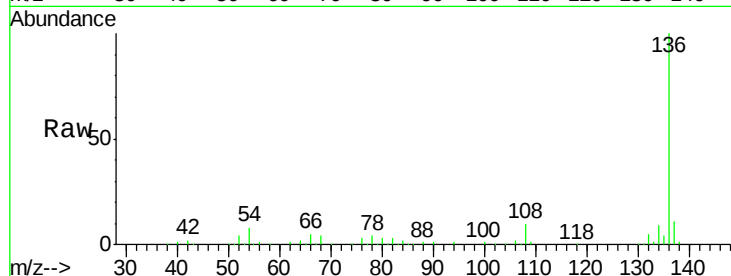




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081898.D
Acq: 30 Sep 2015 5:28

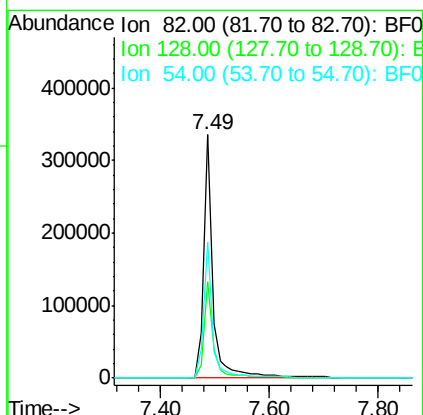
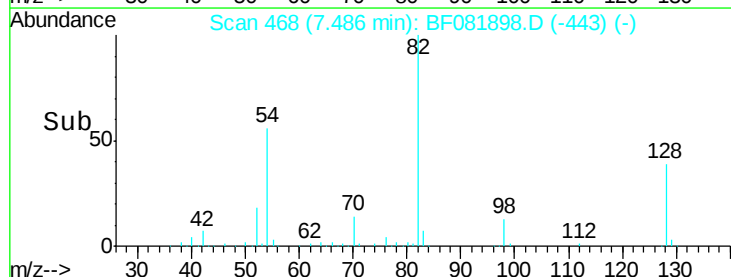
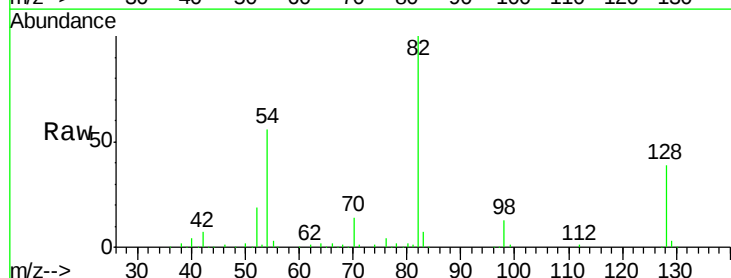
Instrument :
BNA_F
ClientSampleId :
MGP219BR-40-42

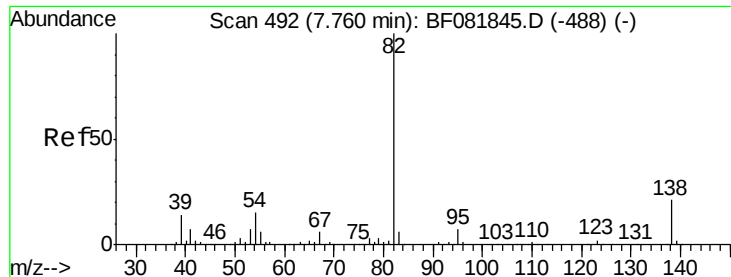
Tgt Ion:	136	Resp:	288590
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.6	8.2	12.2#
68	4.0	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 92.83 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081898.D
Acq: 30 Sep 2015 5:28

Tgt Ion:	82	Resp:	401874
Ion	Ratio	Lower	Upper
82	100		
128	39.4	51.0	76.6#
54	55.9	47.5	71.3





#25

Isophorone

Concen: 41.59 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Instrument :

BNA_F

ClientSampleId :

MGP219BR-40-42

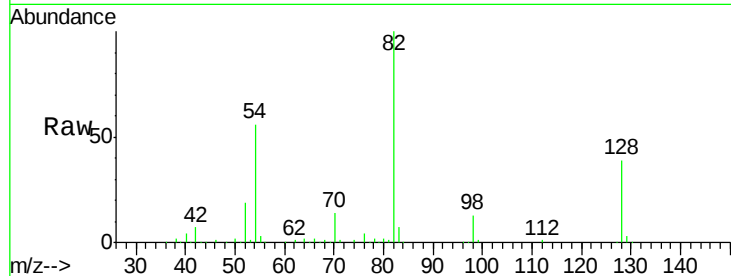
Tgt Ion: 82 Resp: 356877

Ion Ratio Lower Upper

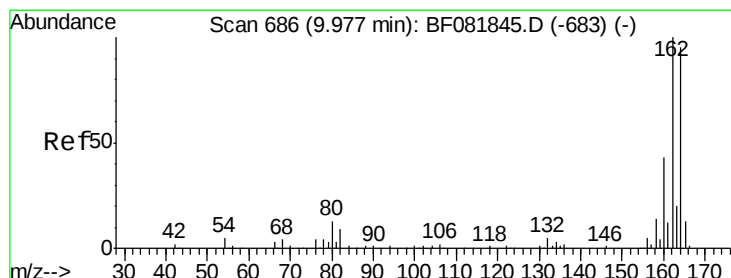
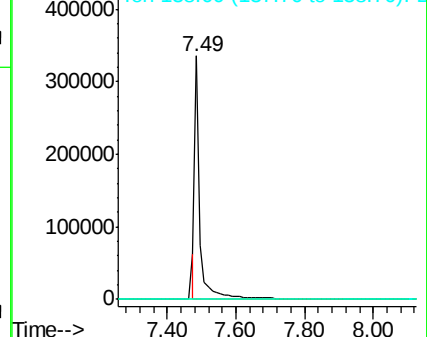
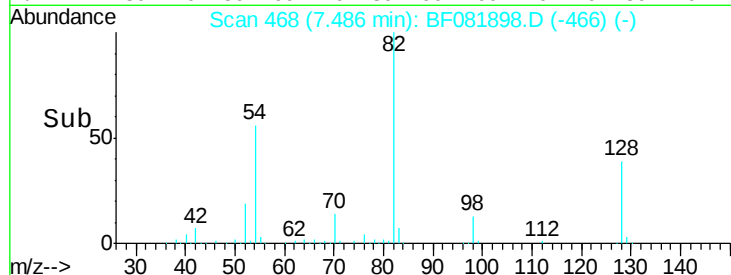
82 100

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: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

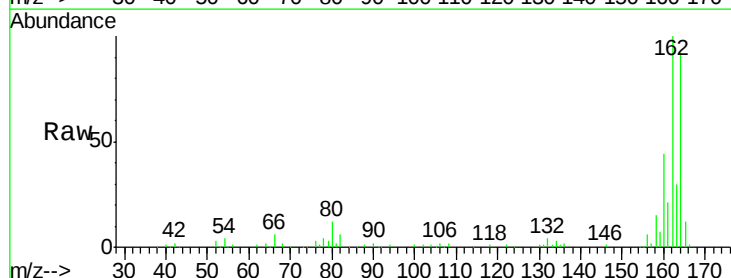
Tgt Ion: 164 Resp: 149324

Ion Ratio Lower Upper

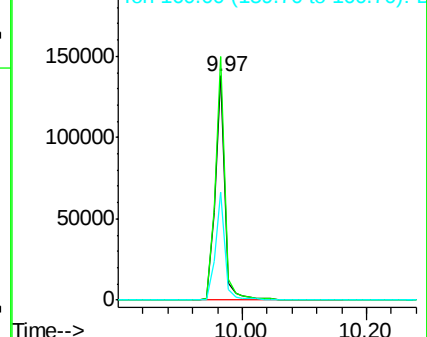
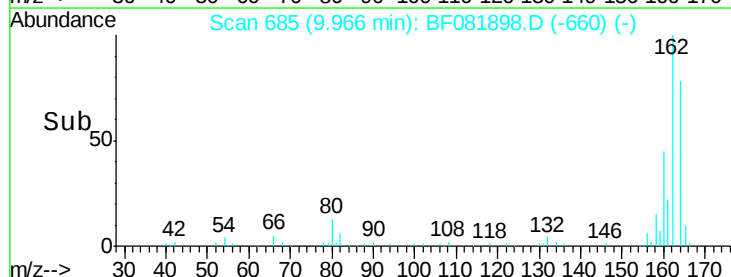
164 100

162 108.5 75.2 112.8

160 48.2 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

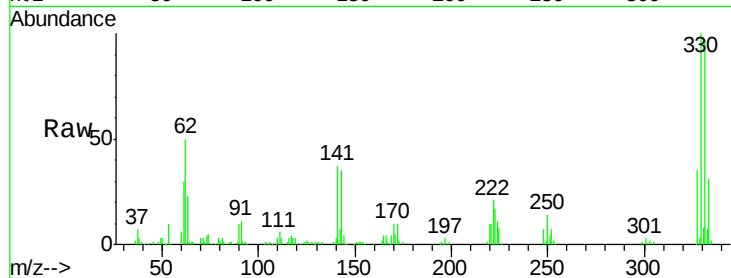




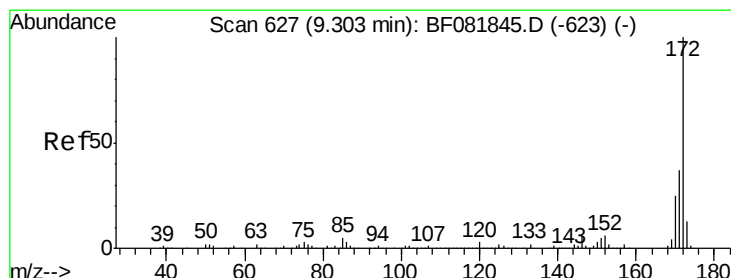
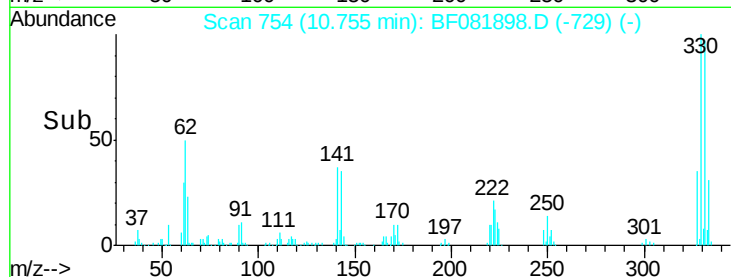
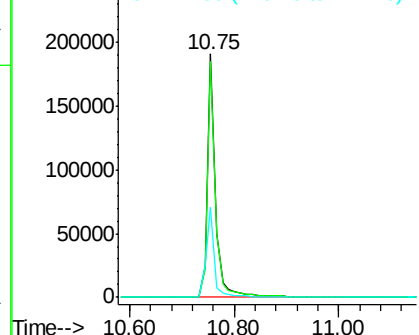
#41
 2,4,6-Tribromophenol
 Concen: 138.63 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081898.D
 Acq: 30 Sep 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 MGP219BR-40-42

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	38.0	29.7	44.5

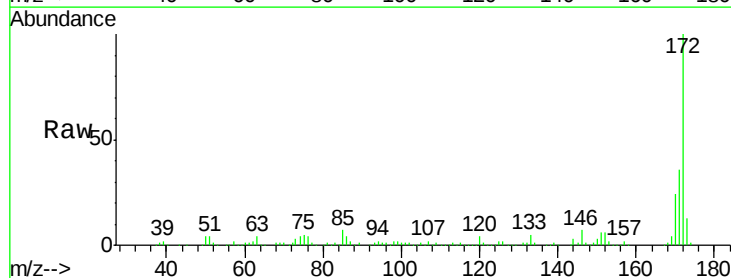


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

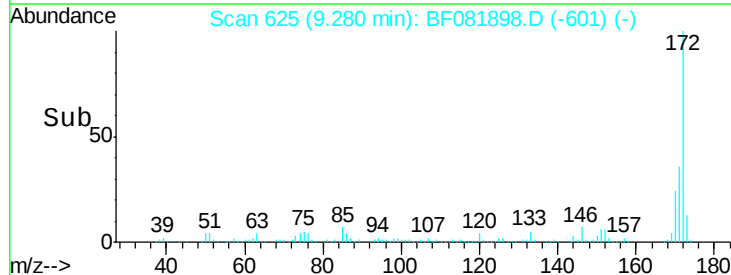
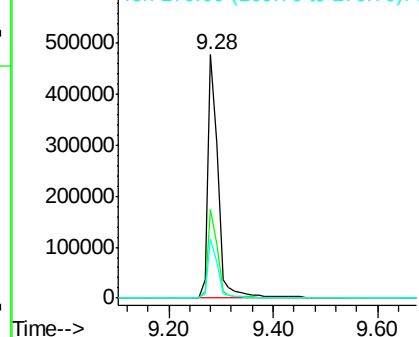


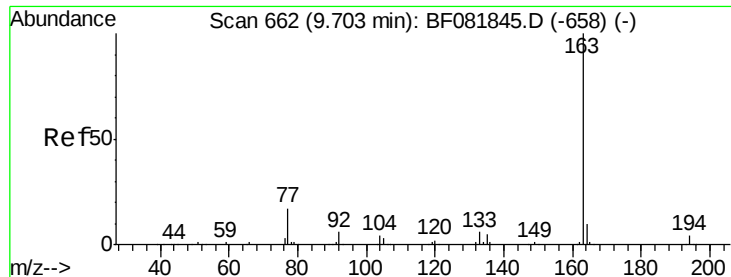
#44
 2-Fluorobiphenyl
 Concen: 70.98 ng
 RT: 9.28 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081898.D
 Acq: 30 Sep 2015 5:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.2	17.4	26.2



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: 21.08 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Instrument :

BNA_F

ClientSampleId :

MGP219BR-40-42

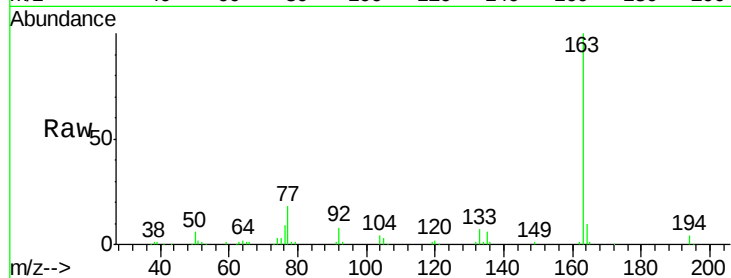
Tgt Ion:163 Resp: 217254

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

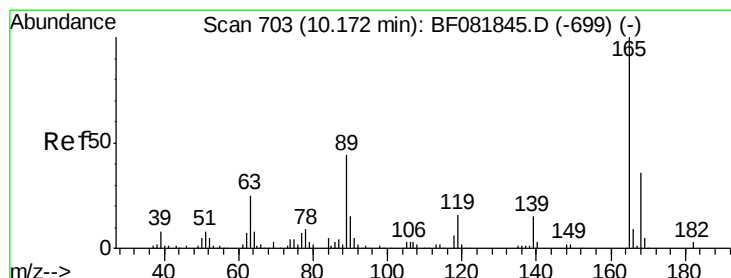
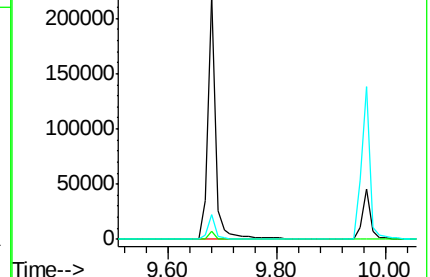
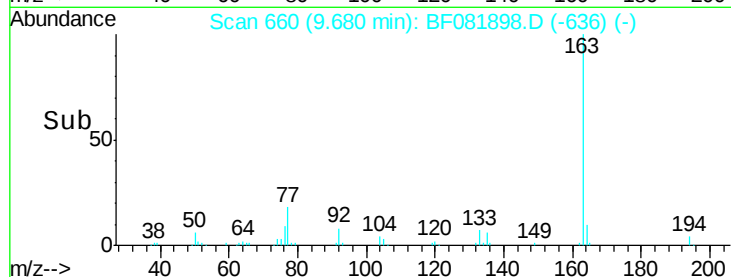
164 10.0 8.3 12.5



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: 6.40 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Tgt Ion:165 Resp: 18244

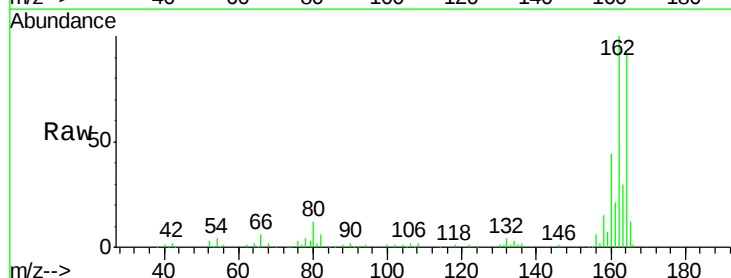
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

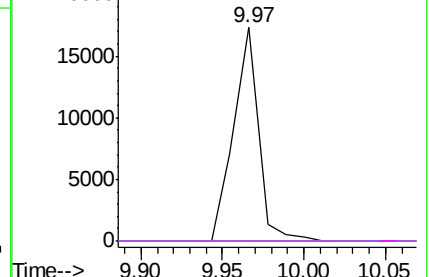
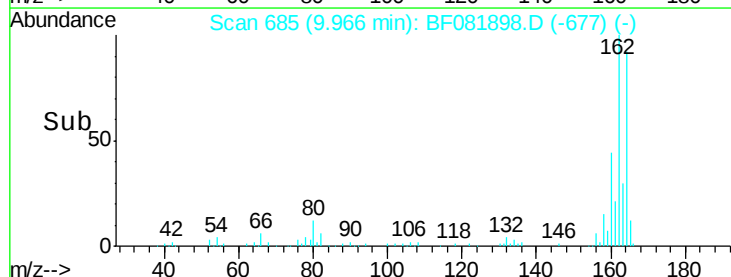


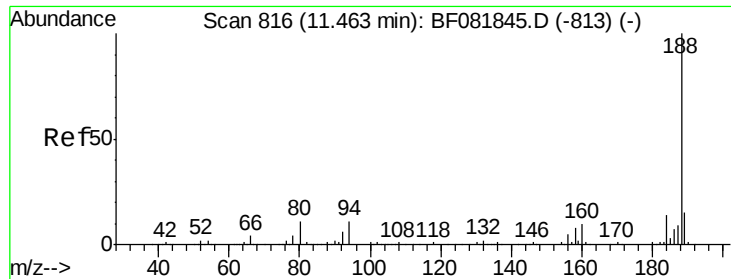
Abundance Ion 165.00 (164.70 to 165.70): E

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

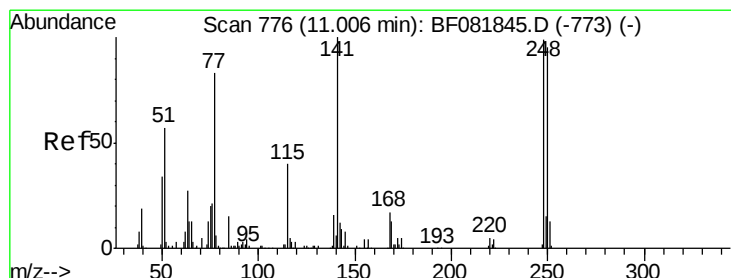
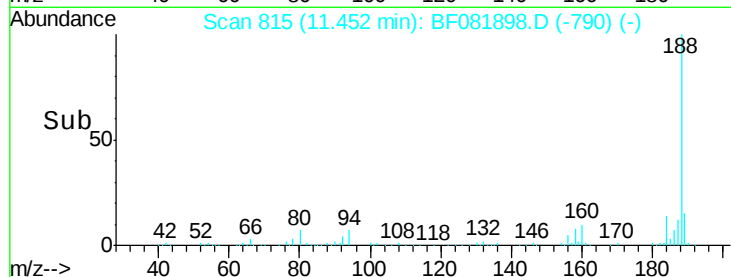
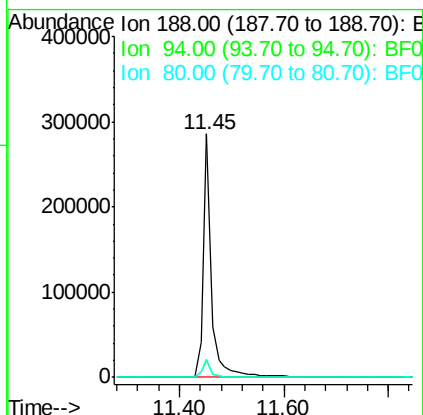
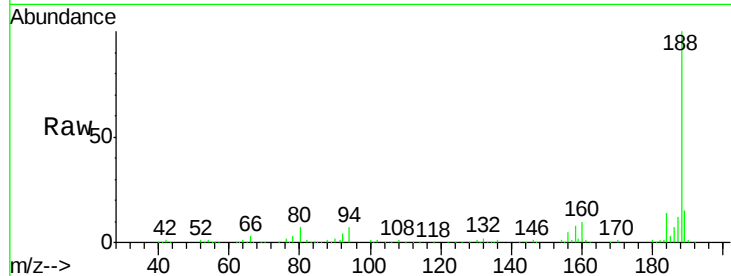




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081898.D
 Acq: 30 Sep 2015 5:28

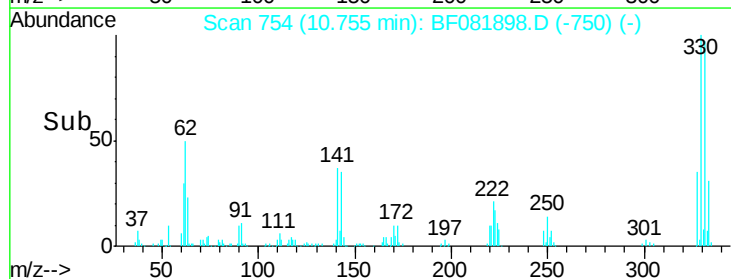
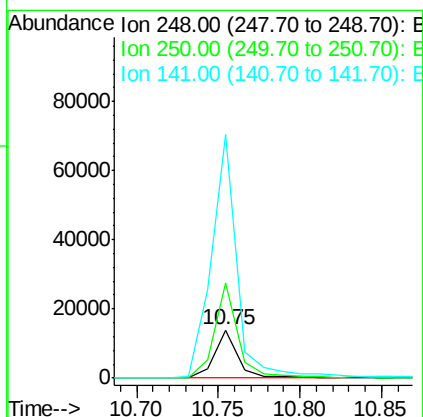
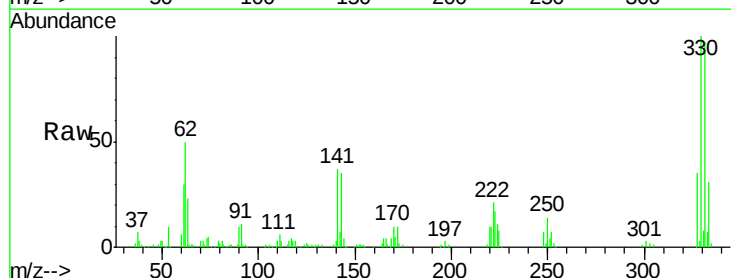
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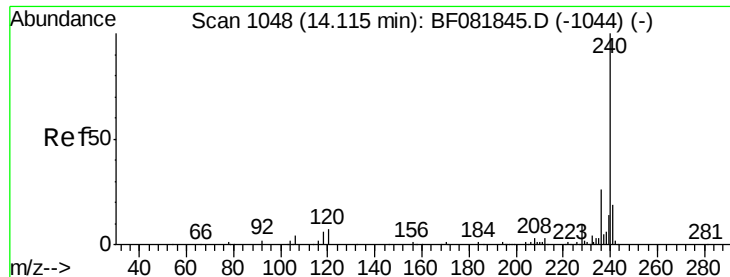
Tgt Ion:188 Resp: 316464
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.3 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081898.D
 Acq: 30 Sep 2015 5:28

Tgt Ion:248 Resp: 13898
 Ion Ratio Lower Upper
 248 100
 250 197.3 78.5 117.7#
 141 504.3 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

Instrument :

BNA_F

ClientSampleId :

MGP219BR-40-42

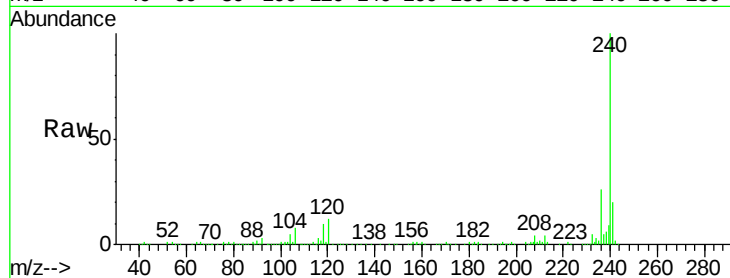
Tgt Ion:240 Resp: 429393

Ion Ratio Lower Upper

240 100

120 11.6 16.2 24.2#

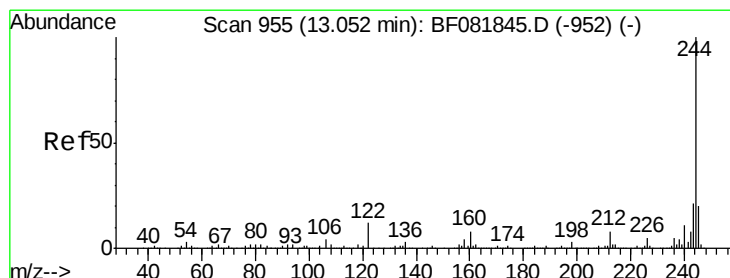
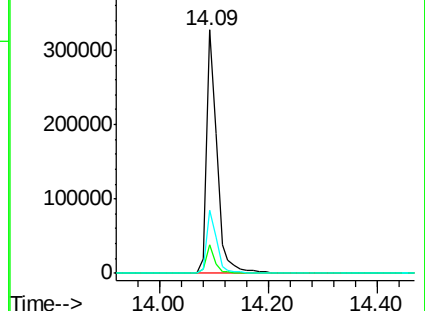
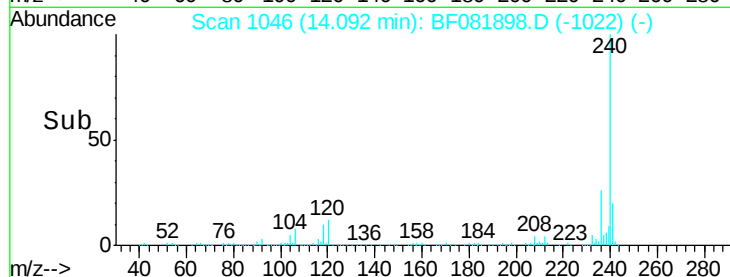
236 26.0 18.4 27.6



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: 79.74 ng

RT: 13.04 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF081898.D

Acq: 30 Sep 2015 5:28

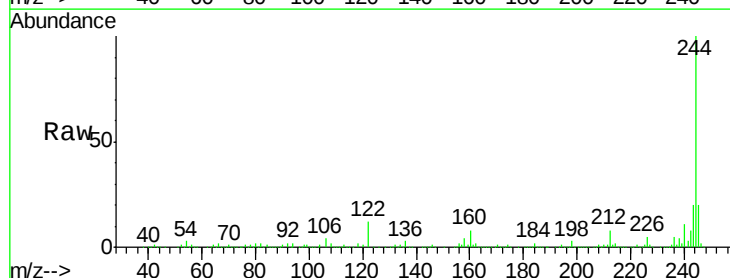
Tgt Ion:244 Resp: 1078434

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

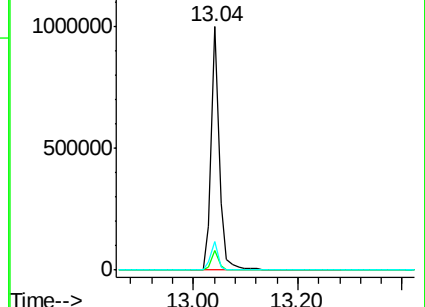
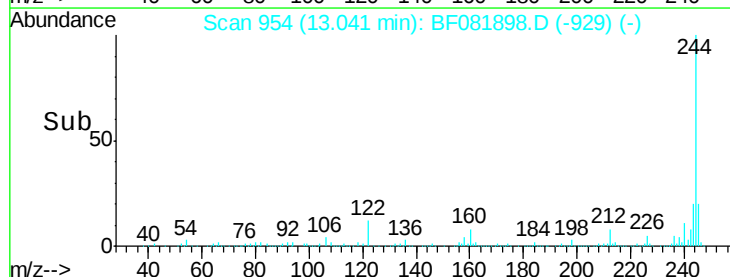
122 11.5 17.4 26.2#

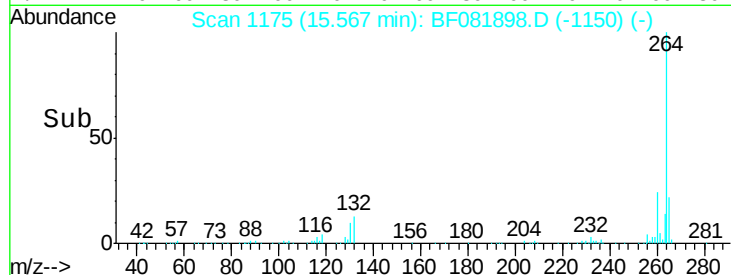
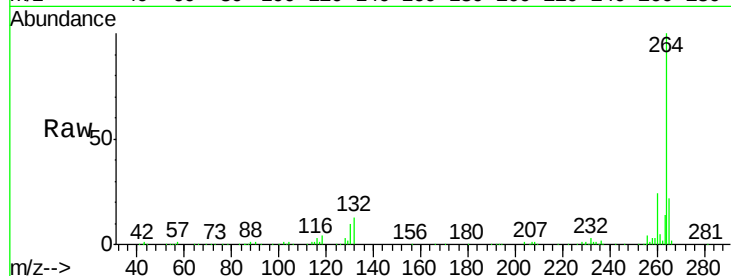
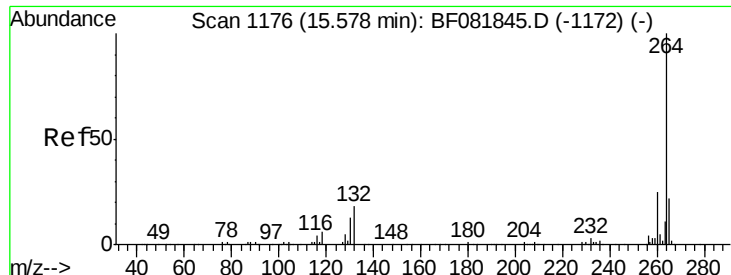


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081898.D
Acq: 30 Sep 2015 5:28

Instrument :
BNA_F
ClientSampleId :
MGP219BR-40-42

Tgt Ion:	264	Resp:	361605
Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	22.0	17.2	25.8

