

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
 Data File : BF081840.D
 Acq On : 26 Sep 2015 21:28
 Operator : UM/IZ
 Sample : G3785-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-54-54.5

Quant Time: Sep 28 03:20:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

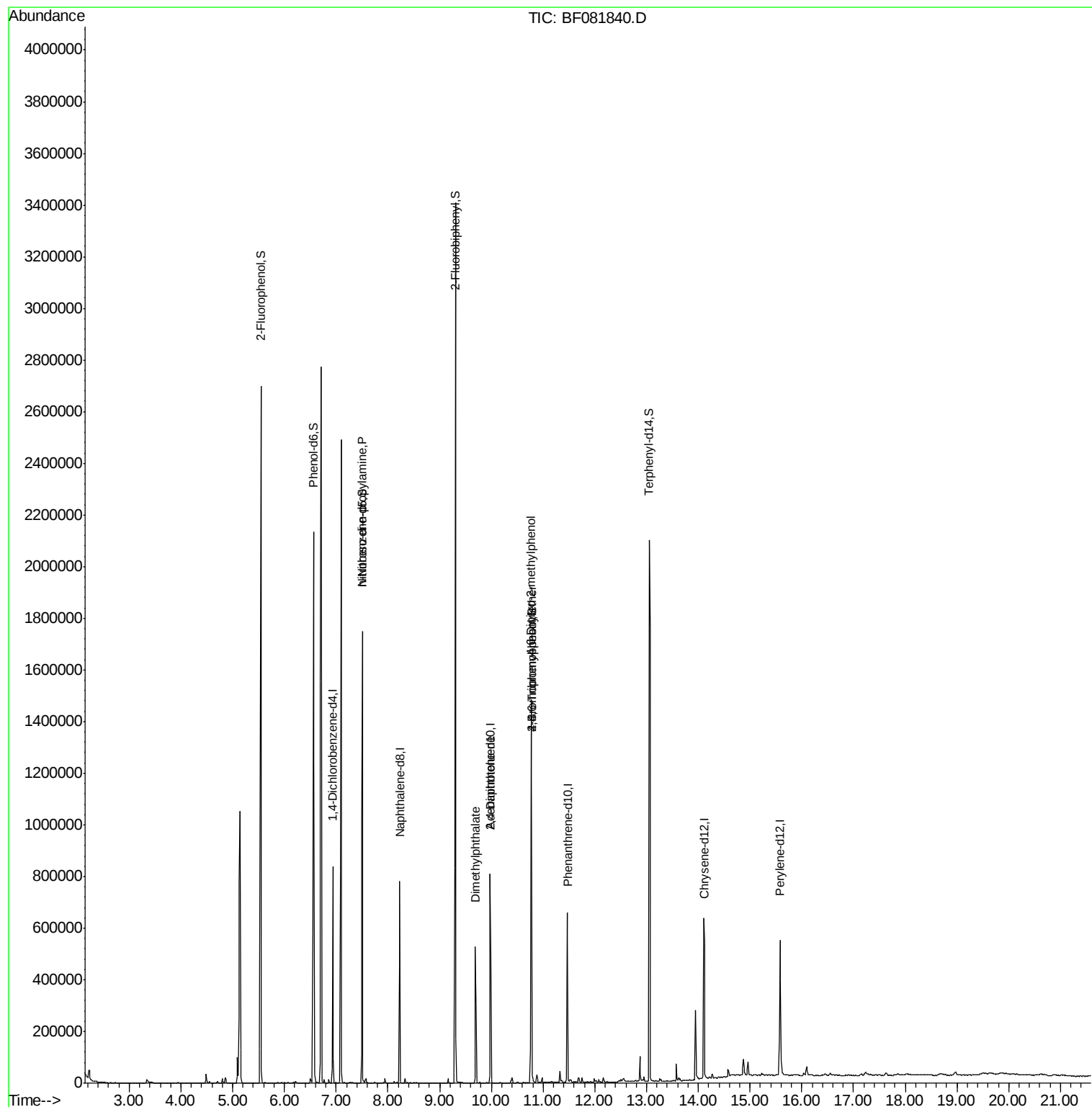
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	116928	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	441647	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	203654	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	359379	20.00	ng	0.00
75) Chrysene-d12	14.12	240	314648	20.00	ng	0.00
86) Perylene-d12	15.58	264	302866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	798027	115.46	ng	0.00
7) Phenol-d6	6.56	99	1018961	116.55	ng	-0.01
23) Nitrobenzene-d5	7.51	82	680923	101.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	281442	159.18	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1031662	83.16	ng	-0.01
78) Terphenyl-d14	13.05	244	970021	70.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	90279	15.49	ng	# 56
49) Dimethylphthalate	9.69	163	284462	18.36	ng	# 97
56) 2,4-Dinitrotoluene	9.98	165	25650	7.16	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.77	198	676	8.73	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	16245	4.06	ng	# 1

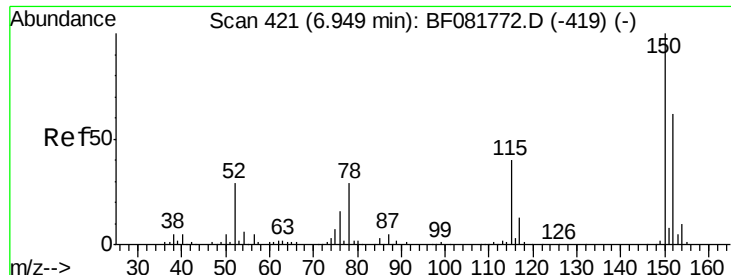
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 06:02:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081840.D

Acq: 26 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

MGP221BR-54-54.5

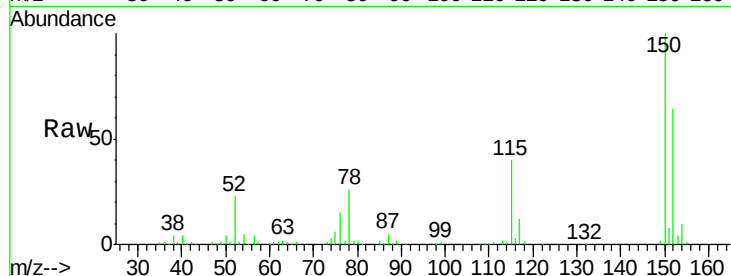
Tgt Ion:152 Resp: 116928

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

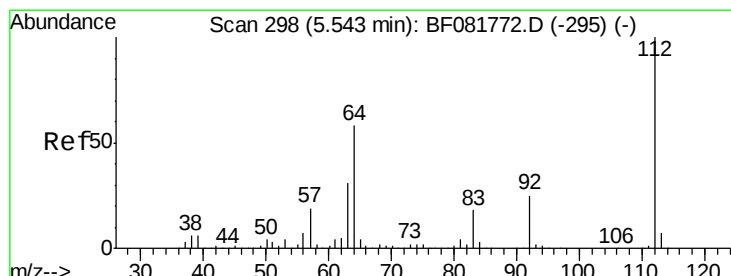
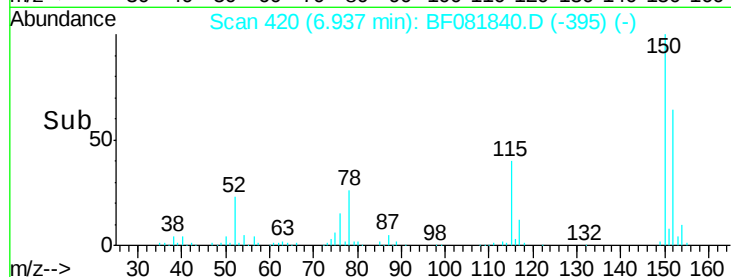
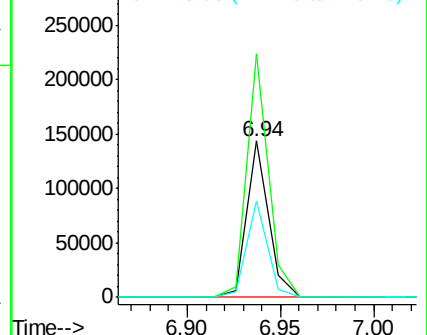
115 61.6 39.0 58.4#



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: 115.46 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081840.D

Acq: 26 Sep 2015 21:28

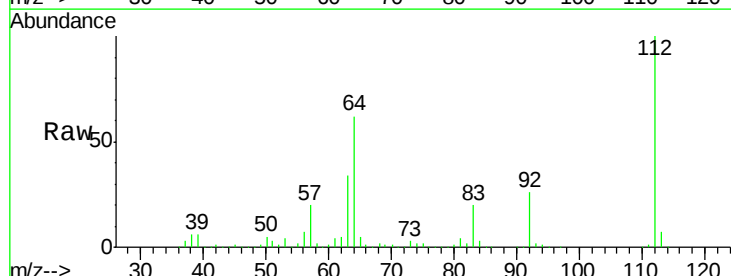
Tgt Ion:112 Resp: 798027

Ion Ratio Lower Upper

112 100

64 61.9 39.7 59.5#

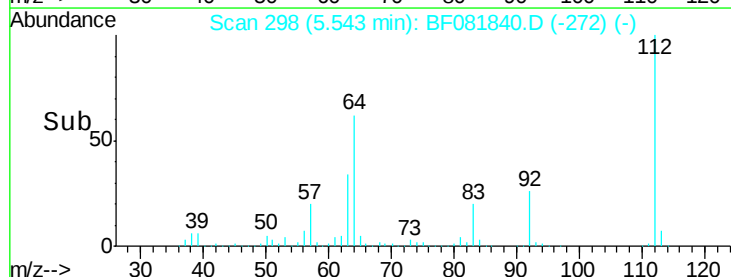
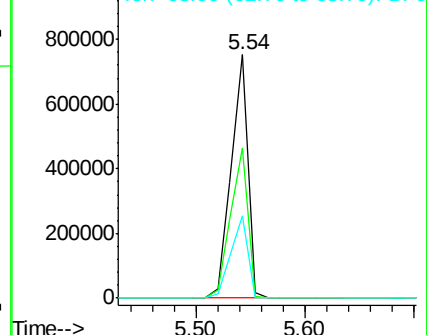
63 33.6 17.4 26.0#

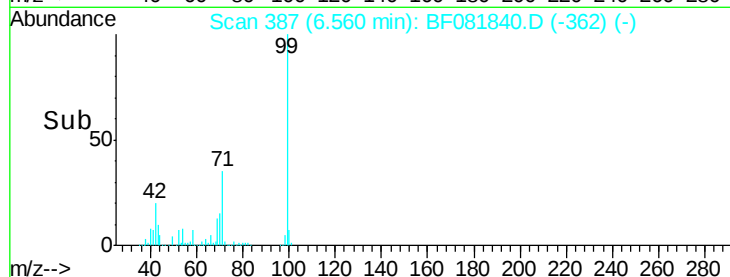
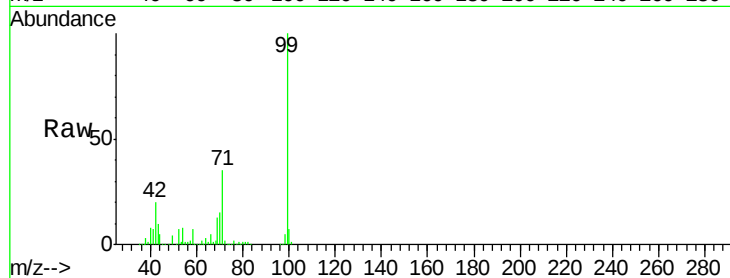
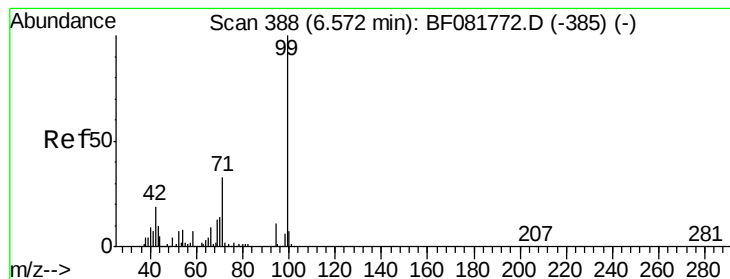


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.55 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081840.D

Acq: 26 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

MGP221BR-54-54.5

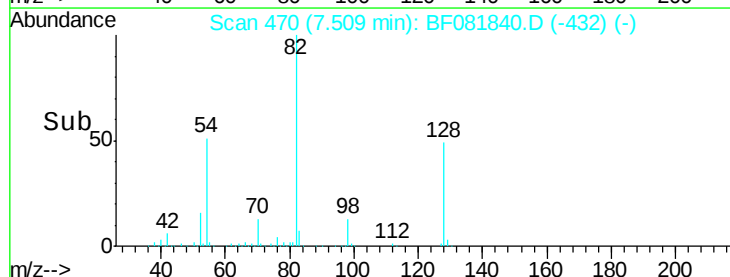
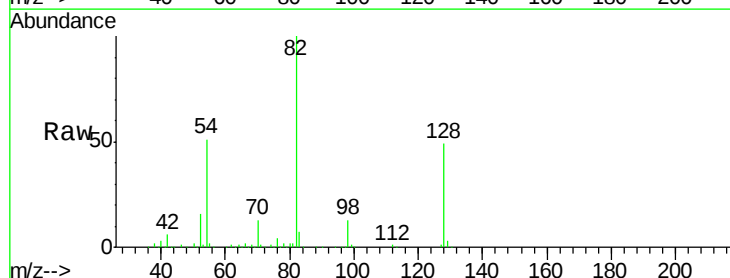
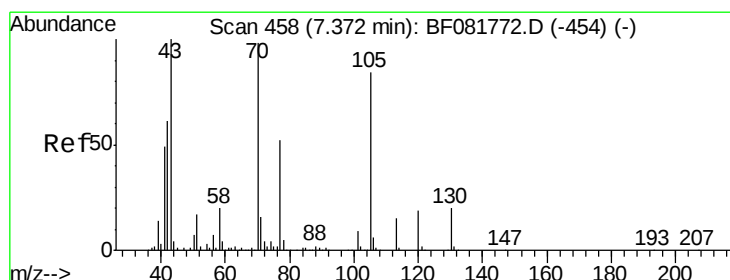
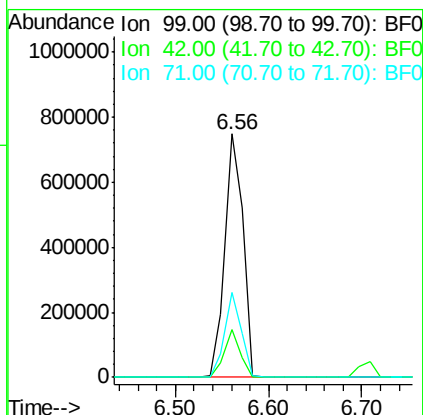
Tgt Ion: 99 Resp: 1018961

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

71 35.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.49 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081840.D

Acq: 26 Sep 2015 21:28

Tgt Ion: 70 Resp: 90279

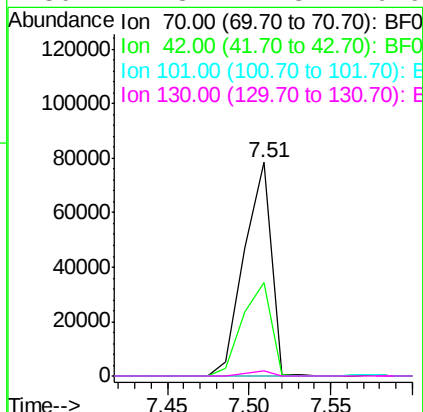
Ion Ratio Lower Upper

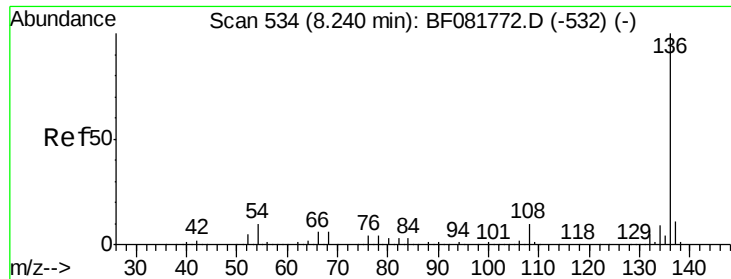
70 100

42 43.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

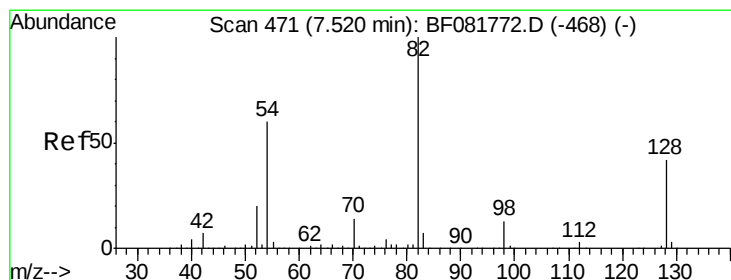
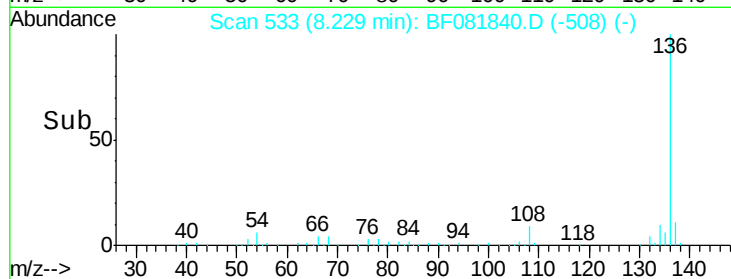
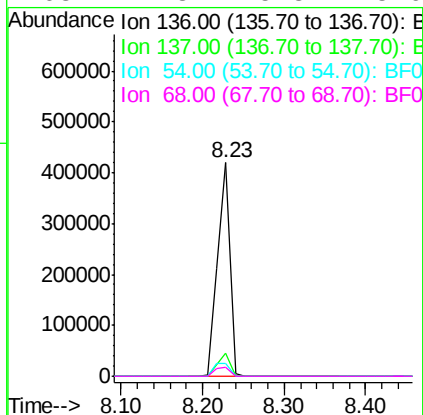
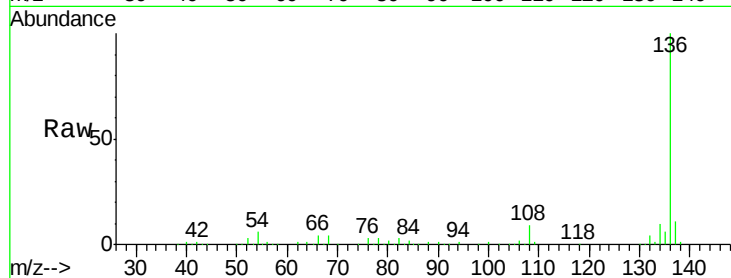




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081840.D
Acq: 26 Sep 2015 21:28

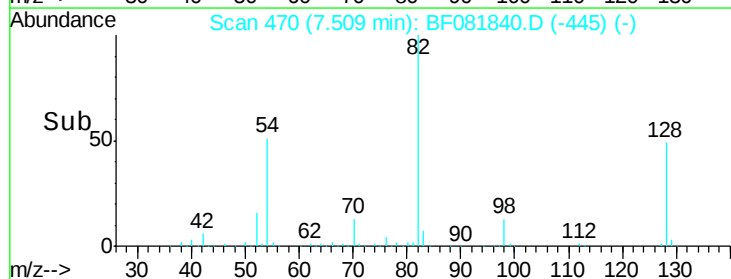
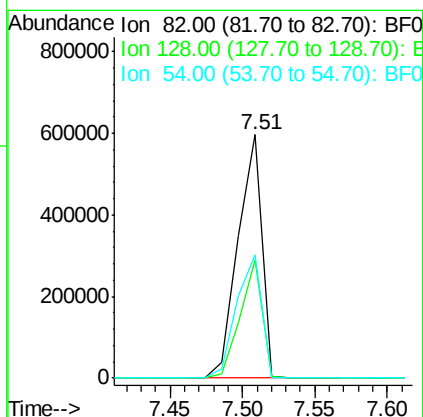
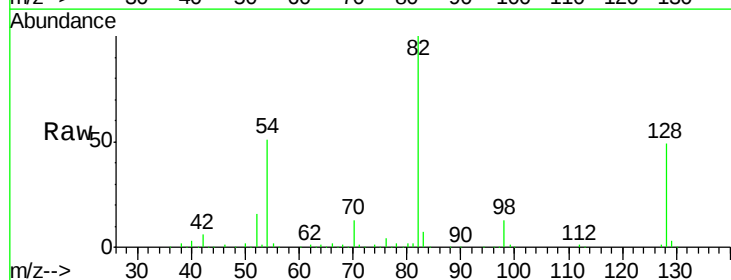
Instrument :
BNA_F
ClientSampleId :
MGP221BR-54-54.5

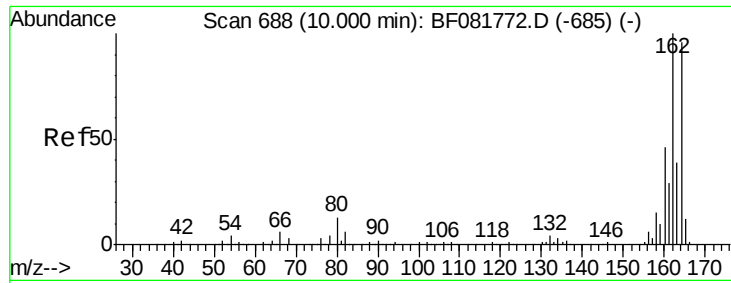
Tgt Ion:	136	Resp:	441647
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	6.1	8.2	12.2#
68	4.3	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 101.73 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081840.D
Acq: 26 Sep 2015 21:28

Tgt Ion:	82	Resp:	680923
Ion Ratio	Lower	Upper	
82	100		
128	48.7	51.0	76.6#
54	50.7	47.5	71.3

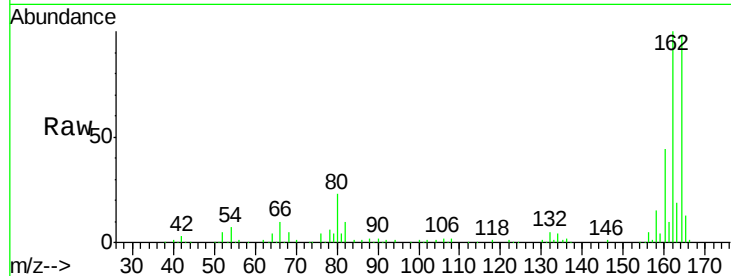




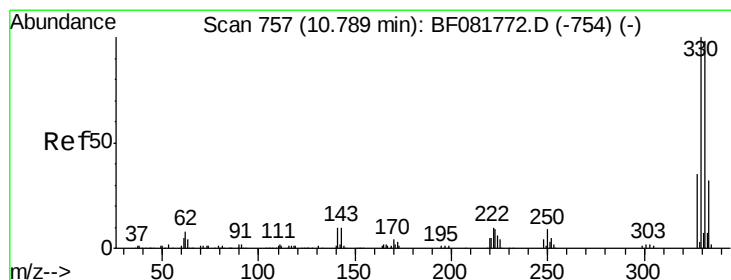
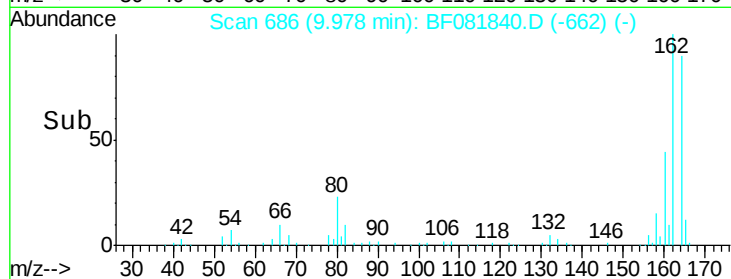
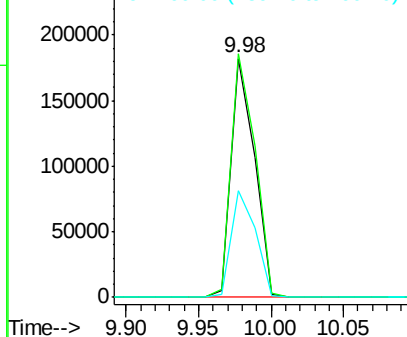
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-54-54.5

Tgt Ion:164 Resp: 203654
 Ion Ratio Lower Upper
 164 100
 162 101.9 75.2 112.8
 160 44.6 31.5 47.3

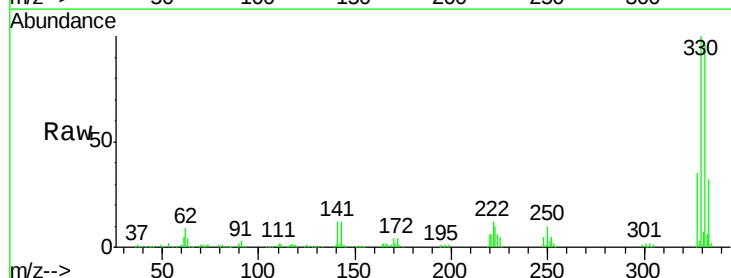


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

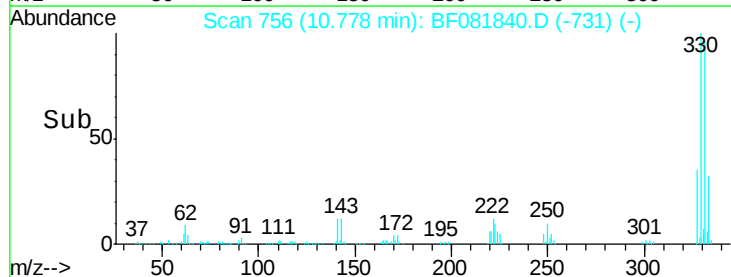
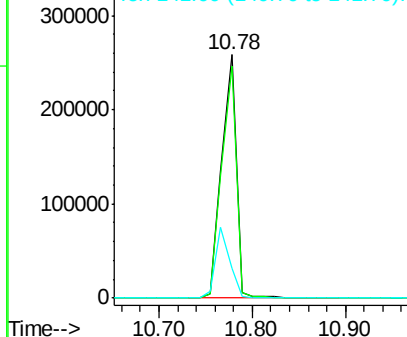


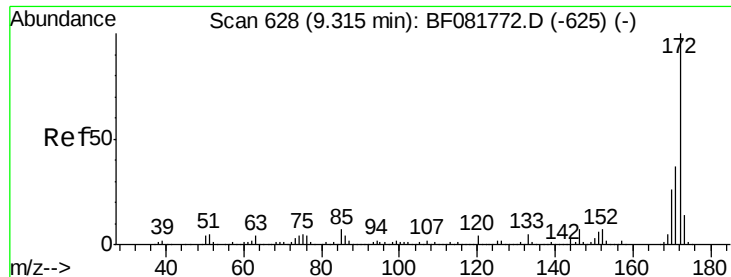
#41
 2,4,6-Tribromophenol
 Concen: 159.18 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

Tgt Ion:330 Resp: 281442
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 28.2 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

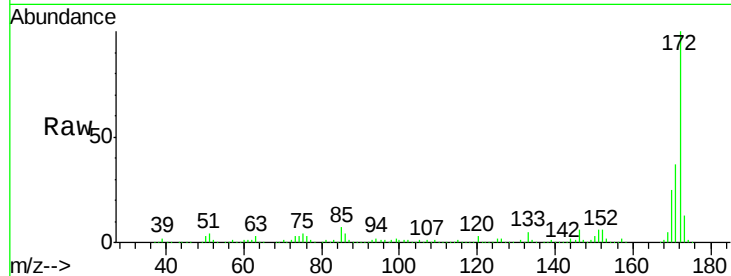




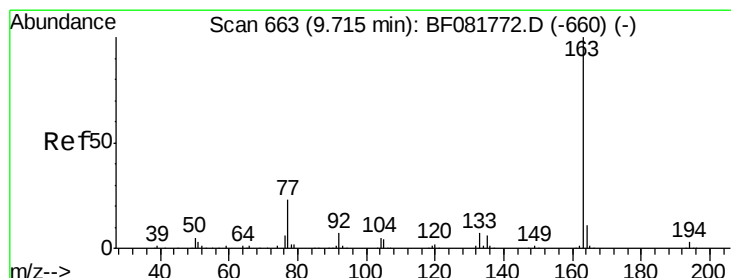
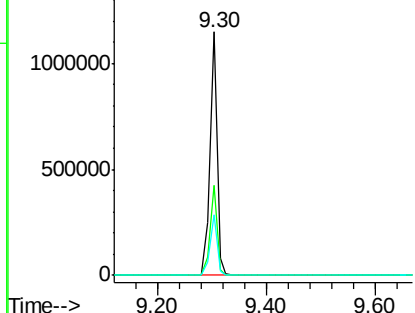
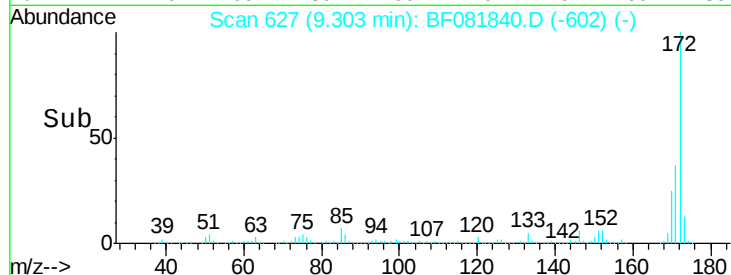
#44
 2-Fluorobiphenyl
 Concen: 83.16 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

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 ClientSampleId :
 MGP221BR-54-54.5

Tgt Ion:172 Resp: 1031662
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 25.1 17.4 26.2

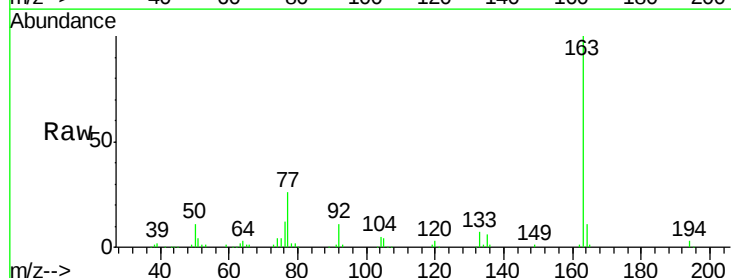


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

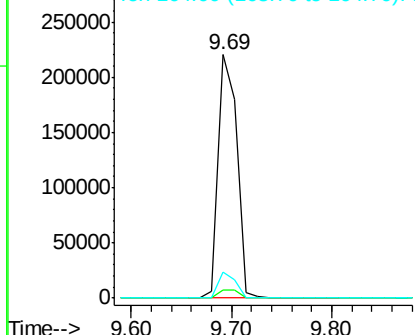
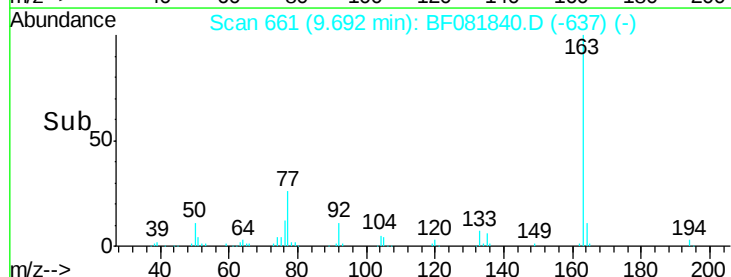


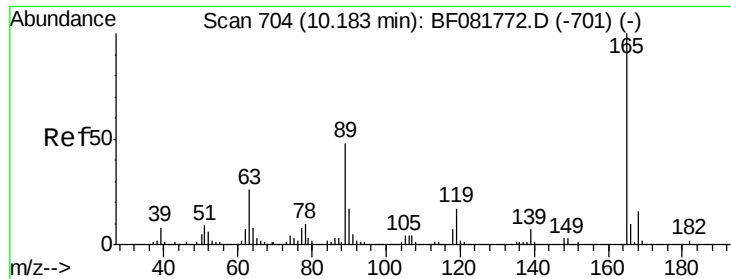
#49
 Dimethylphthalate
 Concen: 18.36 ng
 RT: 9.69 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

Tgt Ion:163 Resp: 284462
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 10.5 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

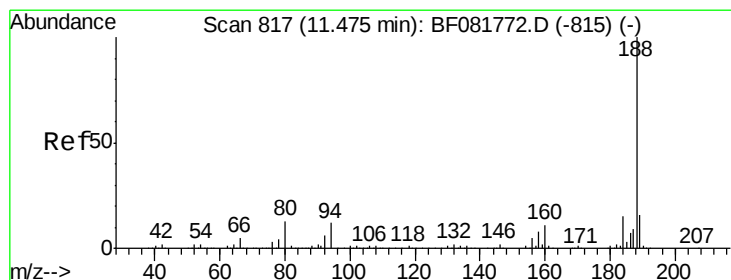
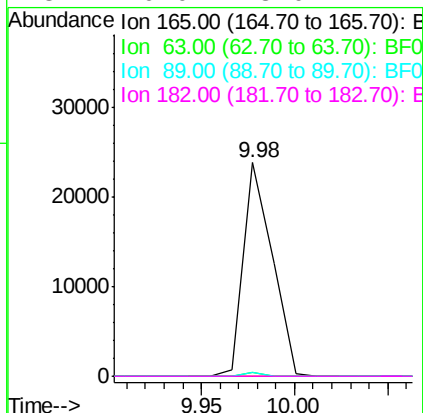
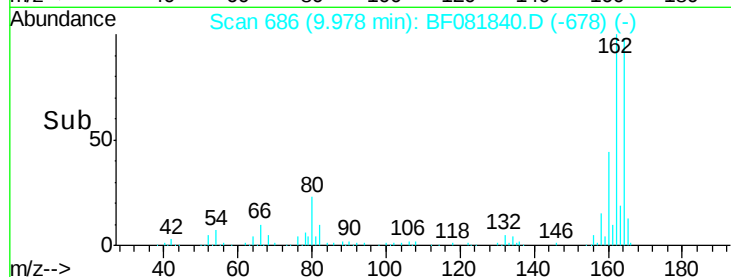
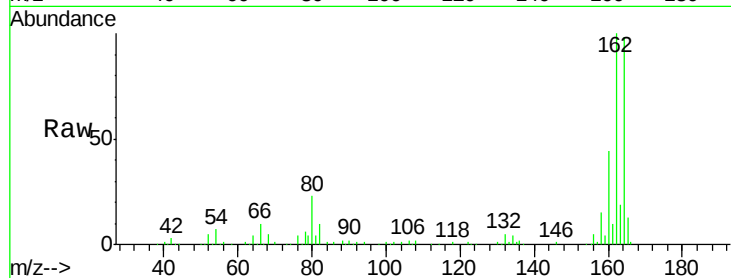




#56
 2,4-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.21 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

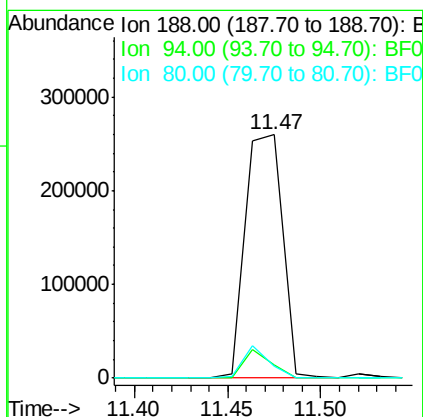
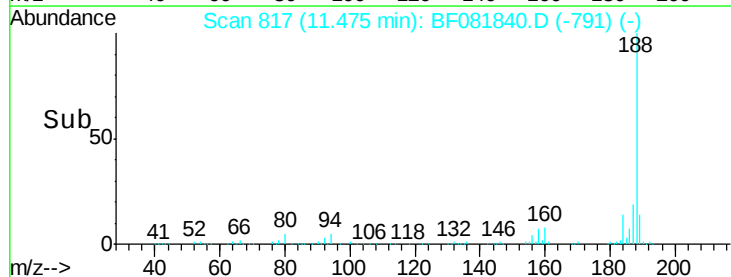
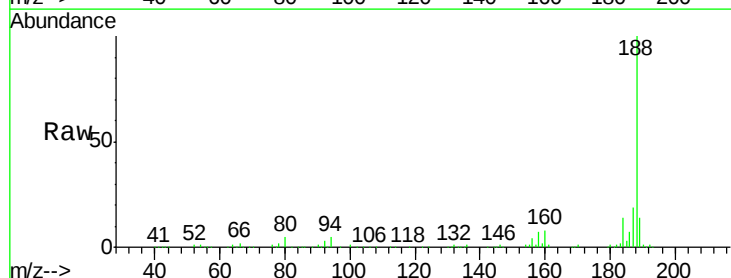
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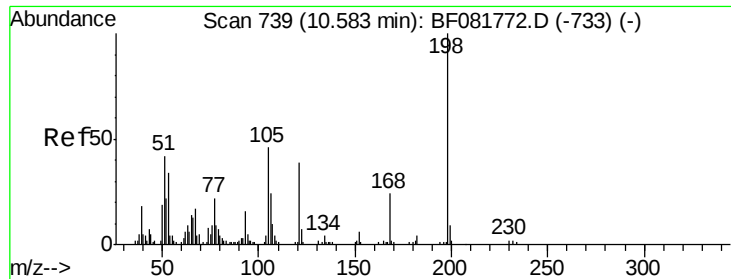
Tgt Ion:	165	Resp:	25650
Ion Ratio	Lower	Upper	
165	100		
63	1.5	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.47 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

Tgt Ion:	188	Resp:	359379
Ion Ratio	Lower	Upper	
188	100		
94	5.3	11.1	16.7#
80	5.1	11.0	16.4#

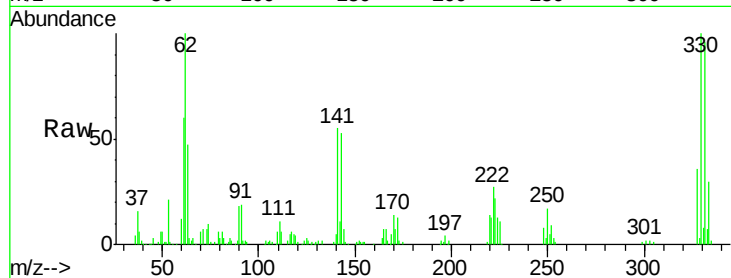




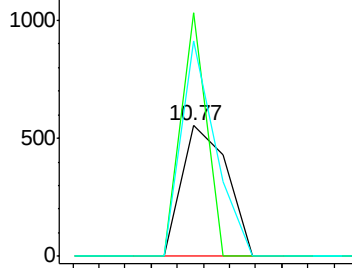
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.73 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.18 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

Instrument :
 BNA_F
 ClientSampleId :
 MGP221BR-54-54.5

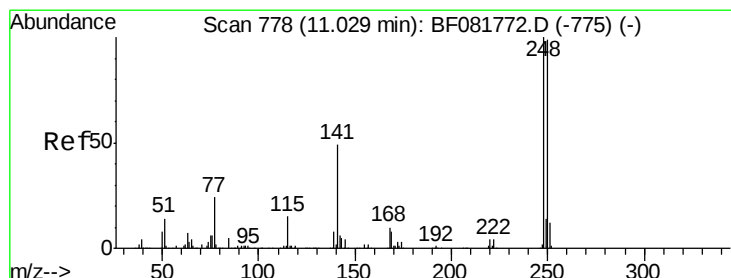
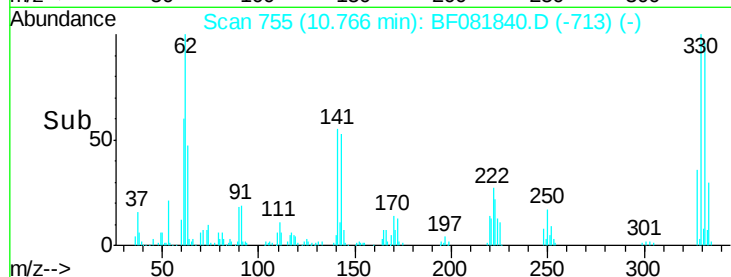
Tgt Ion:198 Resp: 676
 Ion Ratio Lower Upper
 198 100
 51 186.3 39.6 79.6#
 105 164.6 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

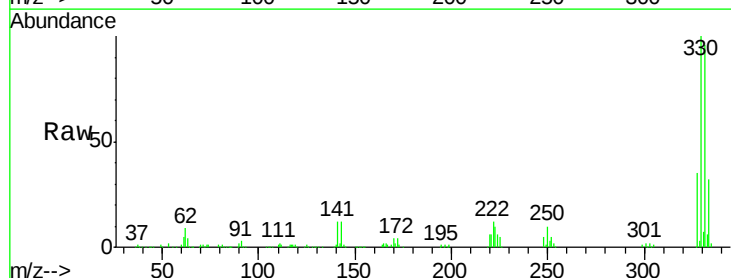


Time-->

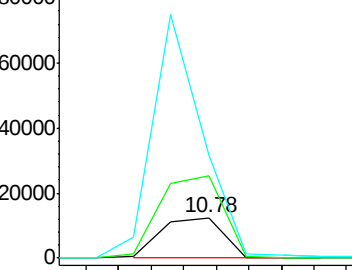


#66
 4-Bromophenyl-phenylether
 Concen: 4.06 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF081840.D
 Acq: 26 Sep 2015 21:28

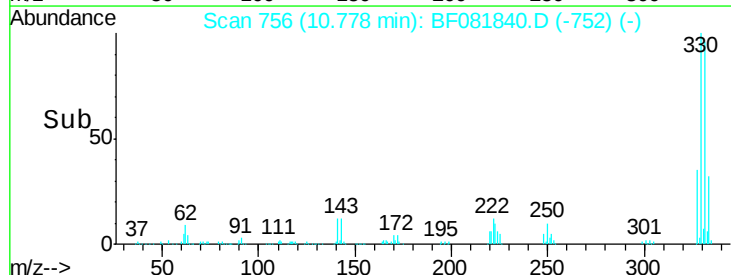
Tgt Ion:248 Resp: 16245
 Ion Ratio Lower Upper
 248 100
 250 202.4 78.5 117.7#
 141 254.2 59.0 88.6#

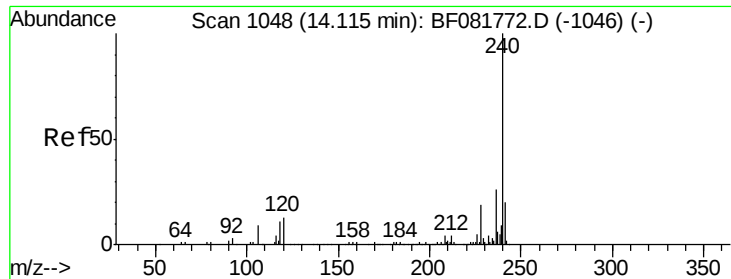


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081840.D

Acq: 26 Sep 2015 21:28

Instrument :

BNA_F

ClientSampleId :

MGP221BR-54-54.5

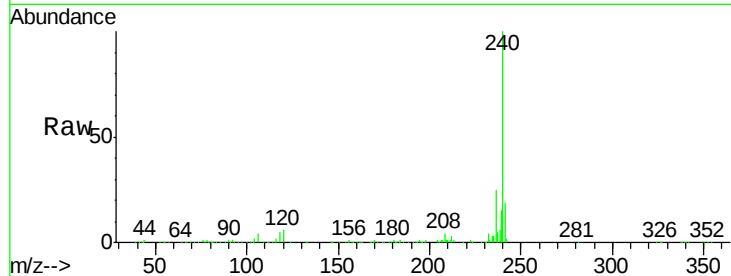
Tgt Ion:240 Resp: 314648

Ion Ratio Lower Upper

240 100

120 5.9 16.2 24.2#

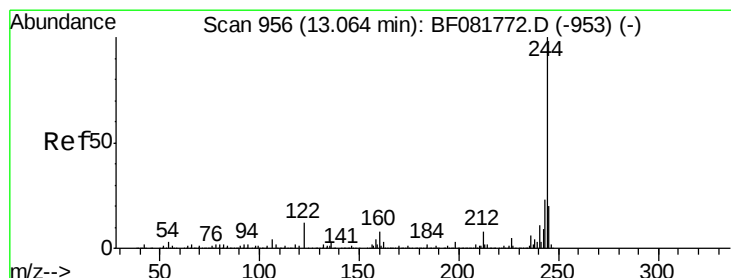
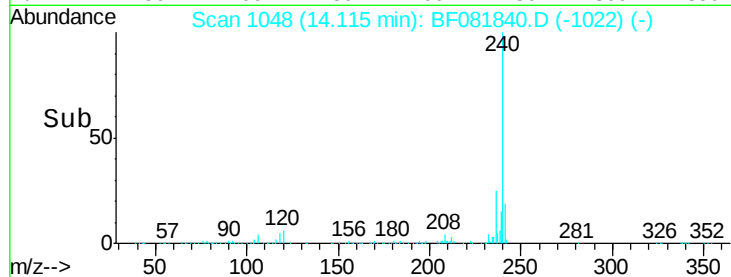
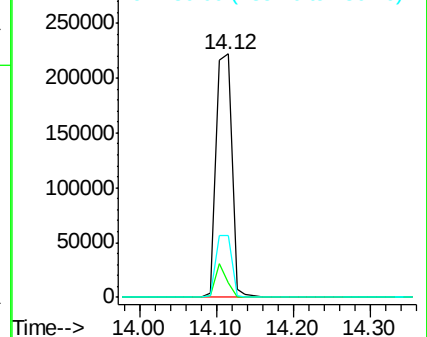
236 25.4 18.4 27.6



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: 70.42 ng

RT: 13.05 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF081840.D

Acq: 26 Sep 2015 21:28

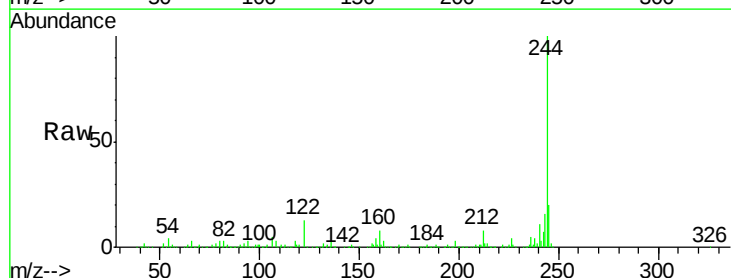
Tgt Ion:244 Resp: 970021

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

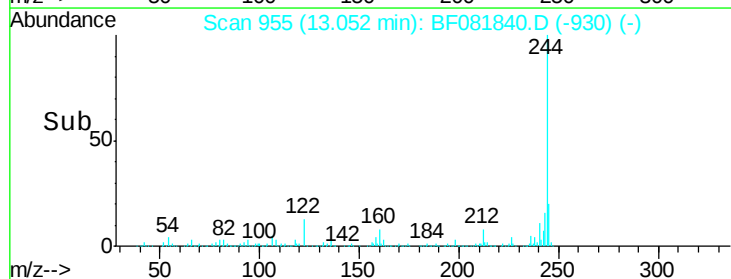
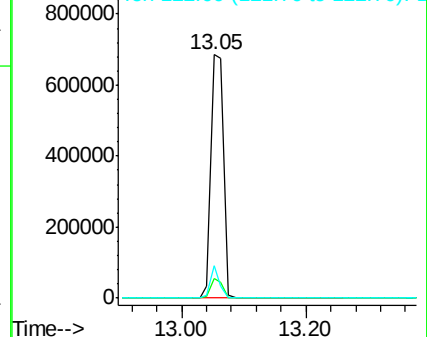
122 13.1 17.4 26.2#

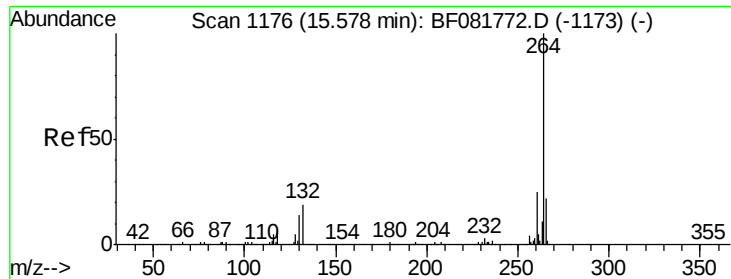


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

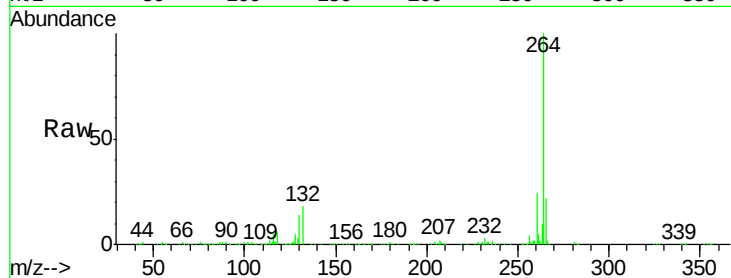




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF081840.D
Acq: 26 Sep 2015 21:28

Instrument :
BNA_F
ClientSampleId :
MGP221BR-54-54.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	22.1	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

