

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082034.D
 Acq On : 3 Oct 2015 21:25
 Operator : UM/IZ
 Sample : G3827-05
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP2200BR-9-10

Quant Time: Oct 05 01:44:22 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

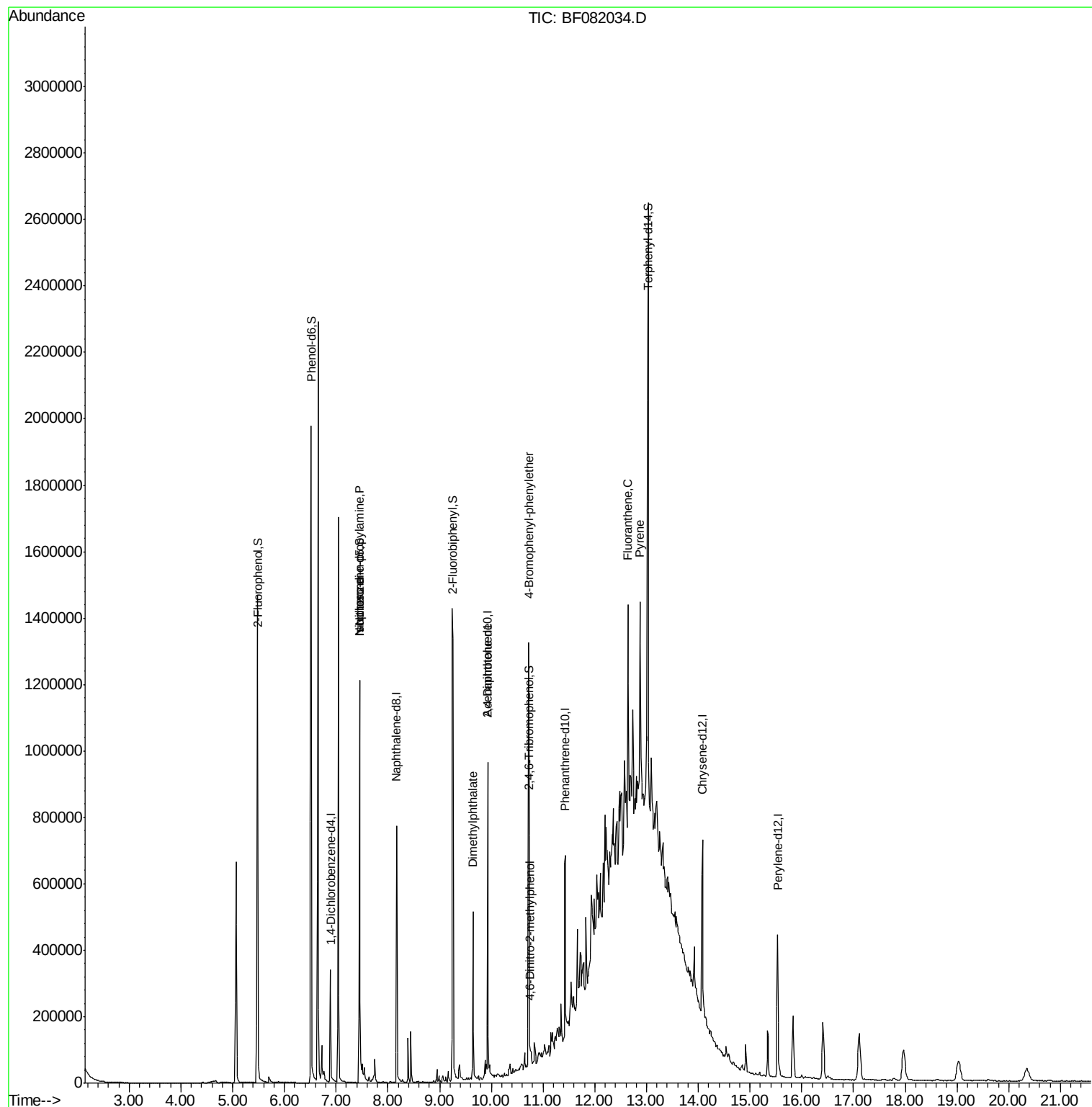
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	83954	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	364953	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	188380	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	353263	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	304671	20.00	ng	-0.03
86) Perylene-d12	15.53	264	249889	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	617326	133.48	ng	-0.03
7) Phenol-d6	6.51	99	780783	134.17	ng	-0.05
23) Nitrobenzene-d5	7.45	82	454973	83.10	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	199536	104.59	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	764161	64.81	ng	-0.05
78) Terphenyl-d14	13.03	244	848686	92.07	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	58603	16.57	ng	# 58
25) Isophorone	7.45	82	386024	35.57	ng	# 58
49) Dimethylphthalate	9.65	163	227279	17.48	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	24371	6.77	ng	# 34
57) Fluorene	10.48	166	1841	Below Cal	#	43
64) 4,6-Dinitro-2-methylphenol	10.74	198	1186	2.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	12728	3.57	ng	# 1
70) Phenanthrene	11.45	178	3590	Below Cal	#	20
73) Di-n-butylphthalate	11.99	149	12035	Below Cal	#	1
74) Fluoranthene	12.64	202	322923	17.06	ng	92
77) Pyrene	12.87	202	405061	22.25	ng	94

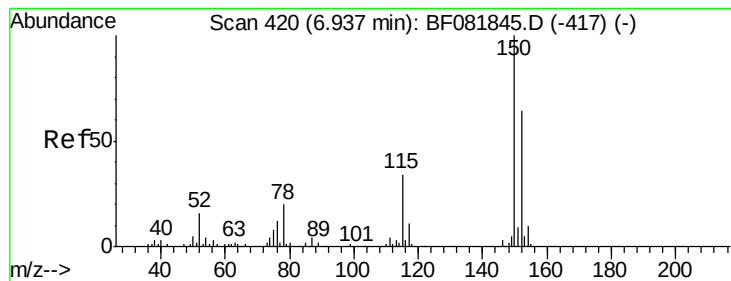
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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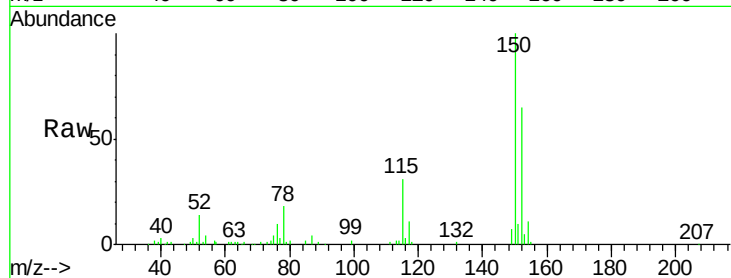


#1

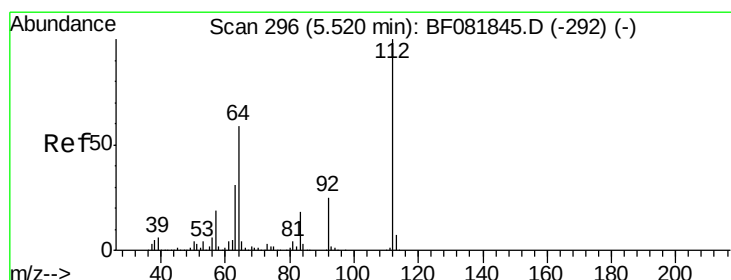
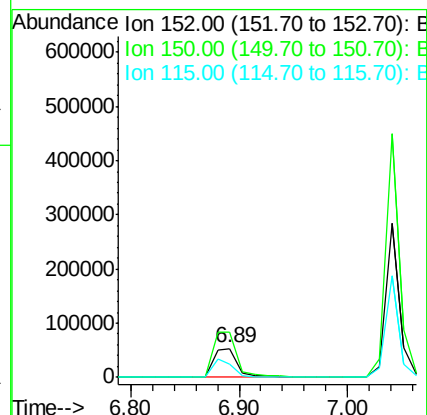
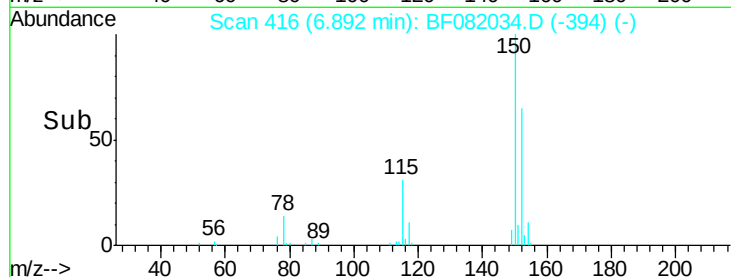
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 416
Delta R.T. -0.05 min
Lab File: BF082034.D
Acq: 3 Oct 2015 21:25

Instrument :
BNA_F
ClientSampleId :
MGP2200BR-9-10

Tgt Ion:152 Resp: 83954
Ion Ratio Lower Upper
152 100
150 154.6 124.7 187.1
115 47.3 39.0 58.4



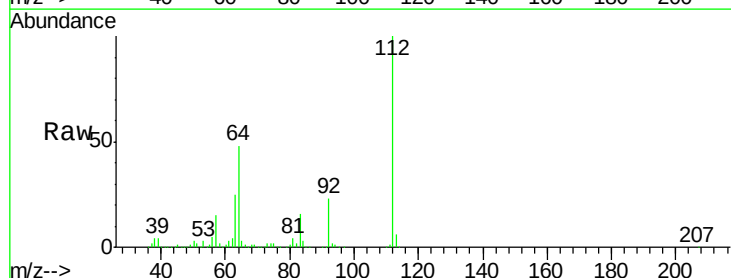
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



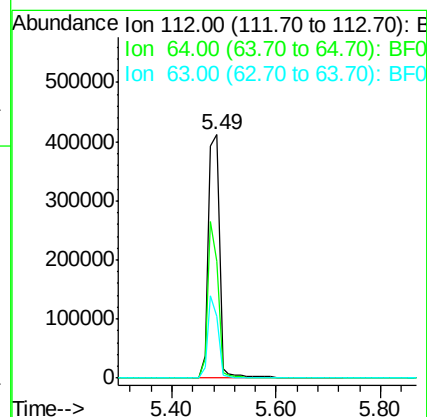
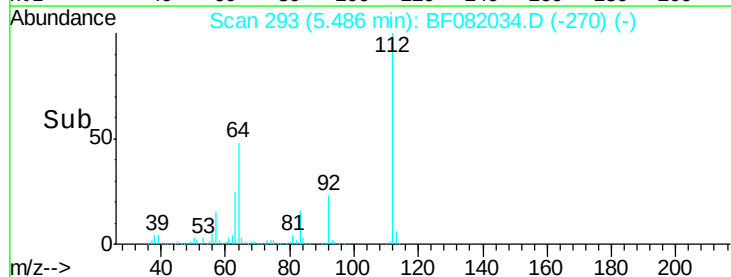
#5

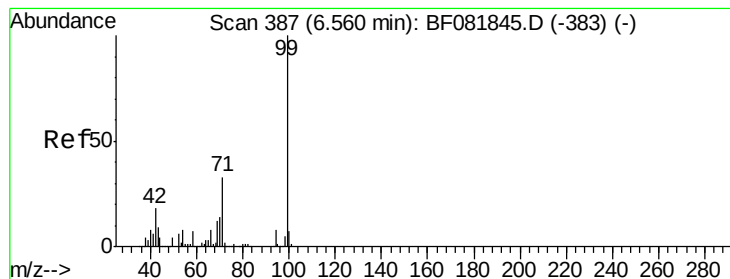
2-Fluorophenol
Concen: 133.48 ng
RT: 5.49 min Scan# 293
Delta R.T. -0.03 min
Lab File: BF082034.D
Acq: 3 Oct 2015 21:25

Tgt Ion:112 Resp: 617326
Ion Ratio Lower Upper
112 100
64 48.1 39.7 59.5
63 25.2 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: 134.17 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

MGP2200BR-9-10

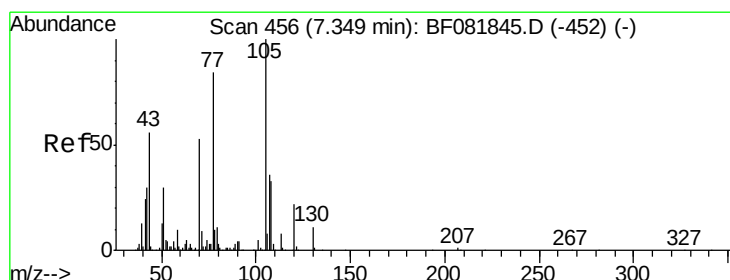
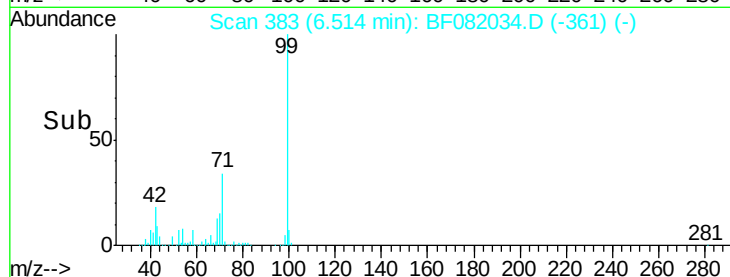
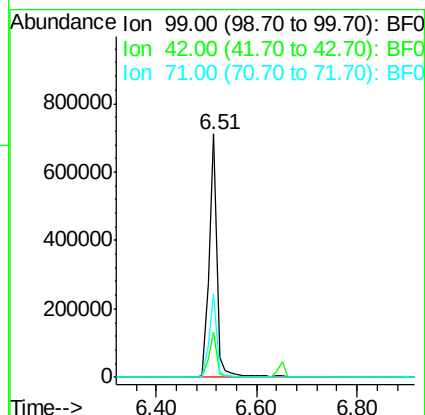
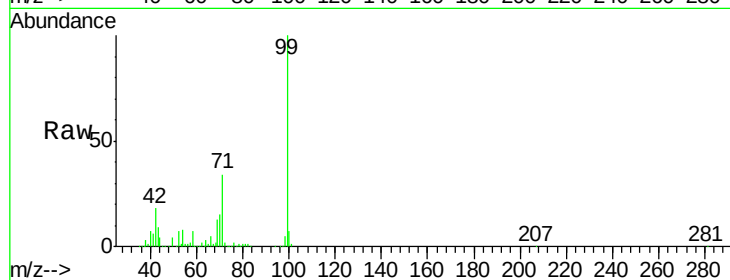
Tgt Ion: 99 Resp: 780783

Ion Ratio Lower Upper

99 100

42 18.4 13.7 20.5

71 34.4 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.57 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Tgt Ion: 70 Resp: 58603

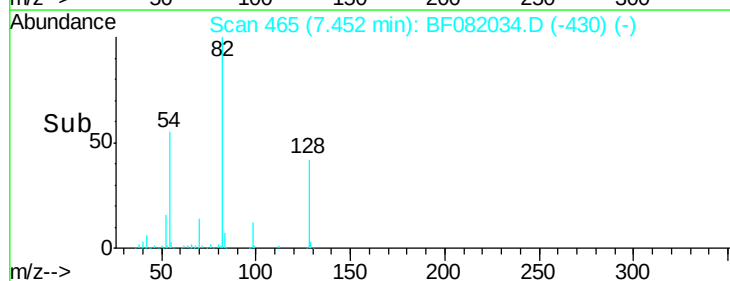
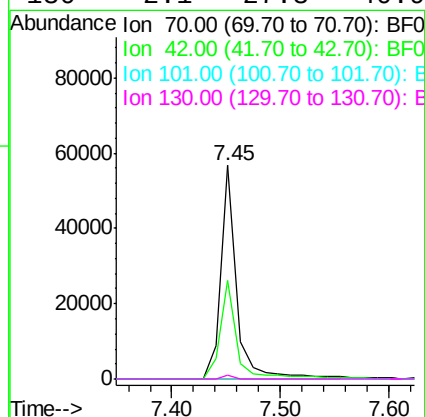
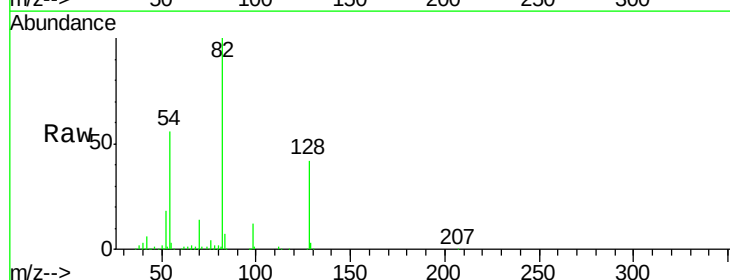
Ion Ratio Lower Upper

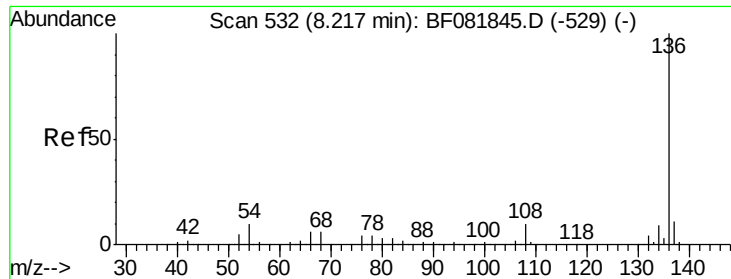
70 100

42 46.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

MGP2200BR-9-10

Tgt Ion:136 Resp: 364953

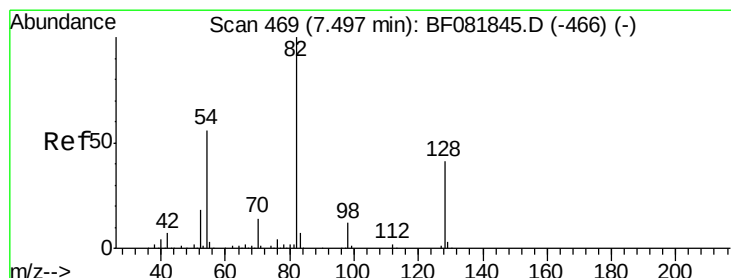
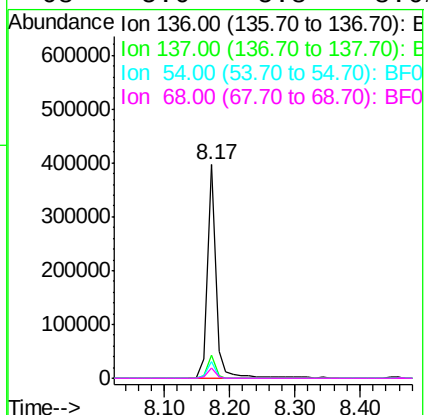
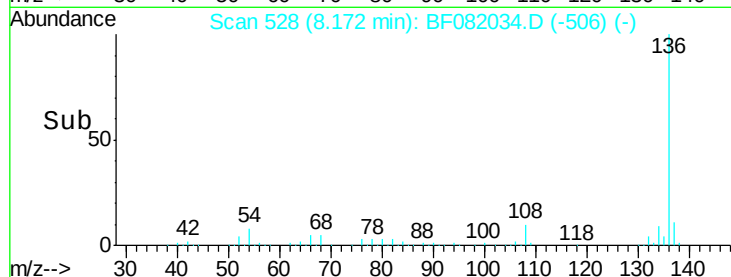
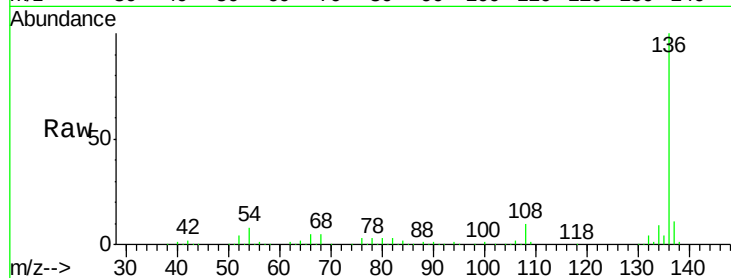
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.8 8.2 12.2#

68 5.0 5.8 8.6#



#23

Nitrobenzene-d5

Concen: 83.10 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.05 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

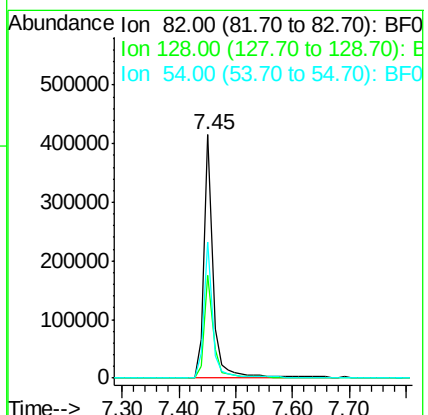
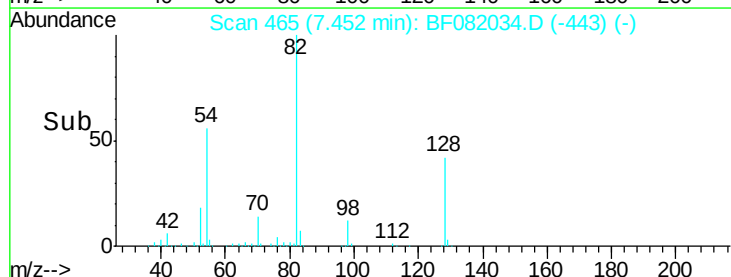
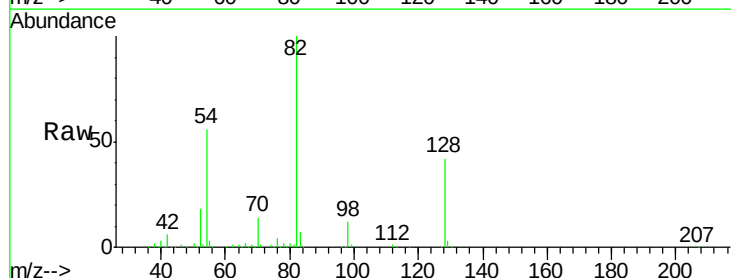
Tgt Ion: 82 Resp: 454973

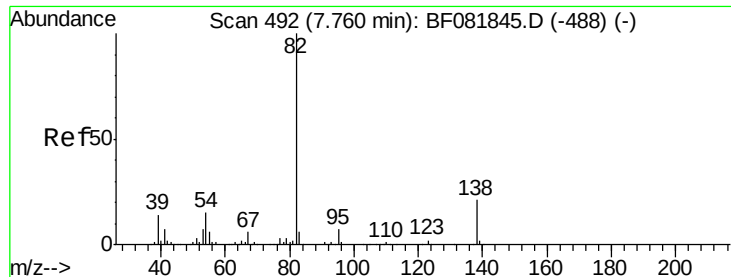
Ion Ratio Lower Upper

82 100

128 42.3 51.0 76.6#

54 55.6 47.5 71.3





#25

Isophorone

Concen: 35.57 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

MGP2200BR-9-10

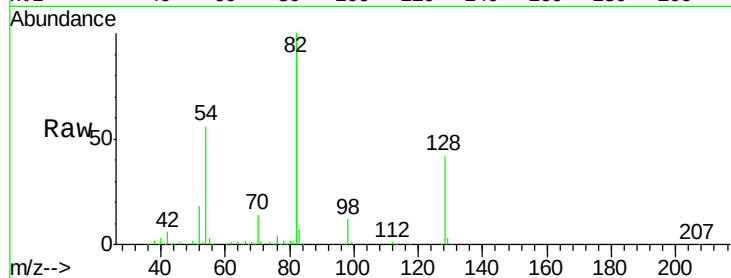
Tgt Ion: 82 Resp: 386024

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

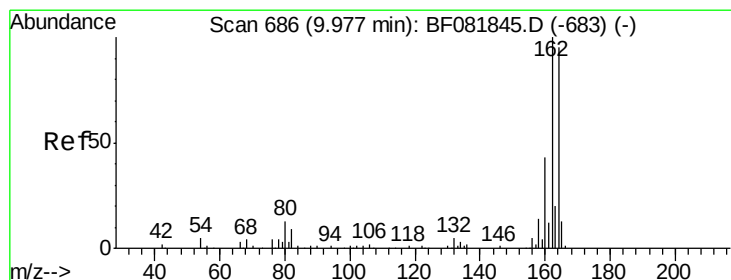
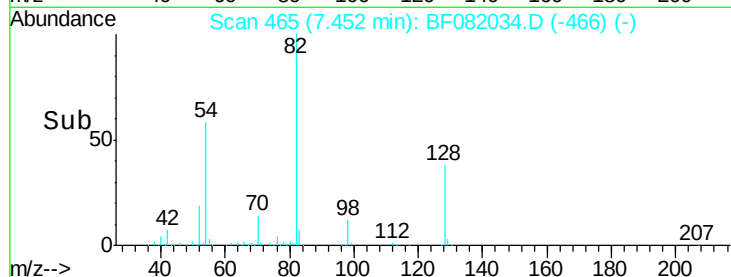
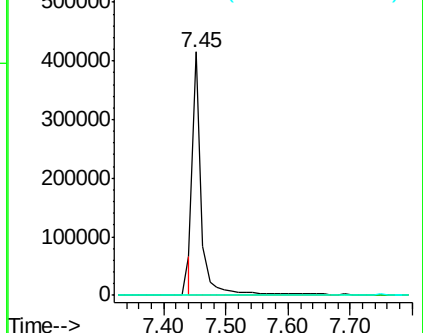
138 0.0 18.3 27.5#



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: BF082034.D

Acq: 3 Oct 2015 21:25

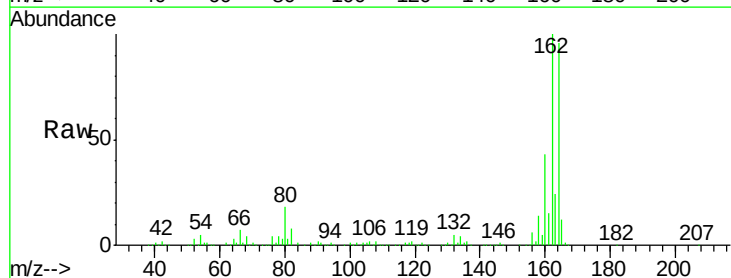
Tgt Ion: 164 Resp: 188380

Ion Ratio Lower Upper

164 100

162 103.8 75.2 112.8

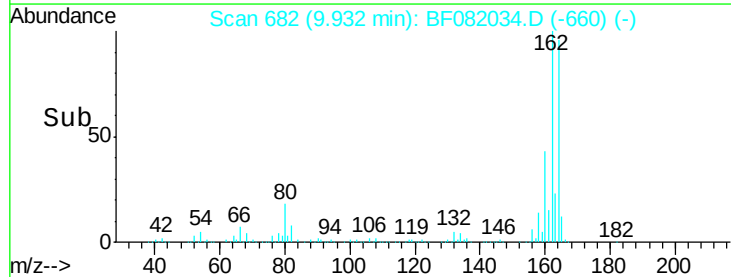
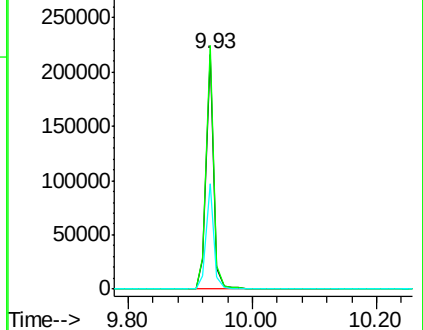
160 45.1 31.5 47.3

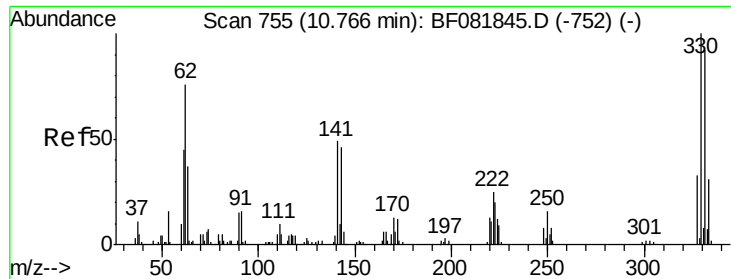


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

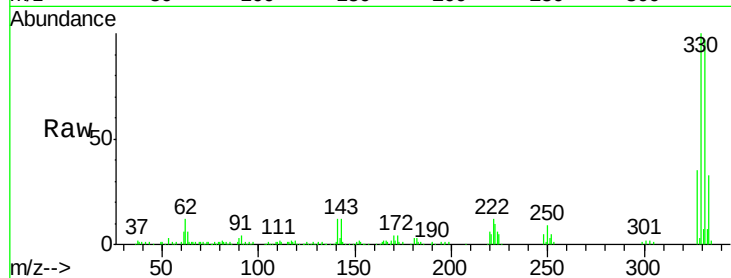




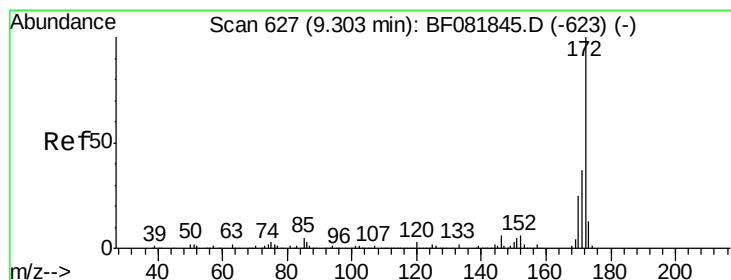
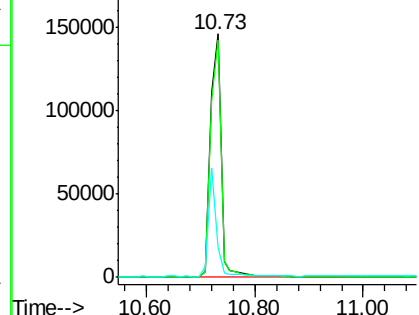
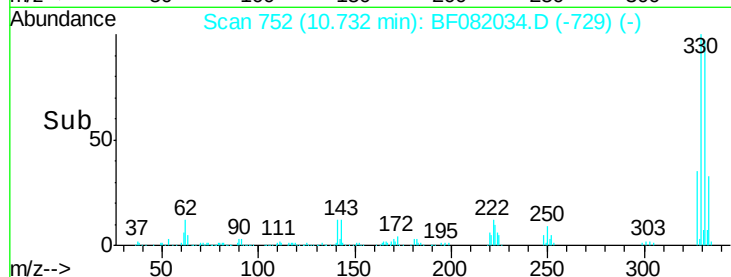
#41
 2,4,6-Tribromophenol
 Concen: 104.59 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082034.D
 Acq: 3 Oct 2015 21:25

Instrument :
 BNA_F
 ClientSampleId :
 MGP2200BR-9-10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	33.0	29.7	44.5

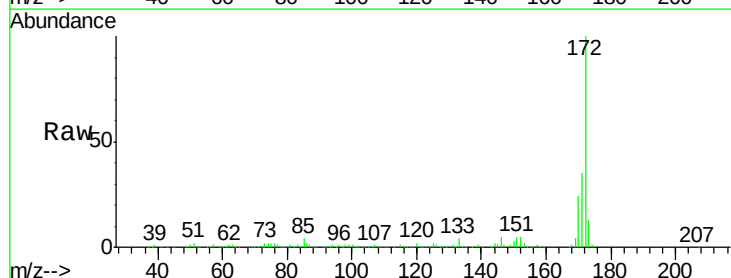


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

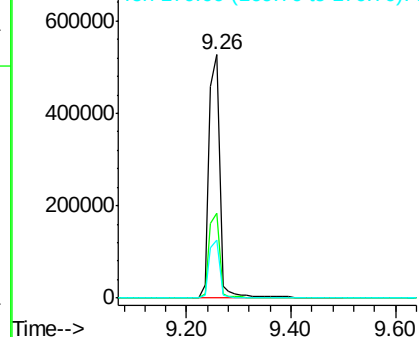
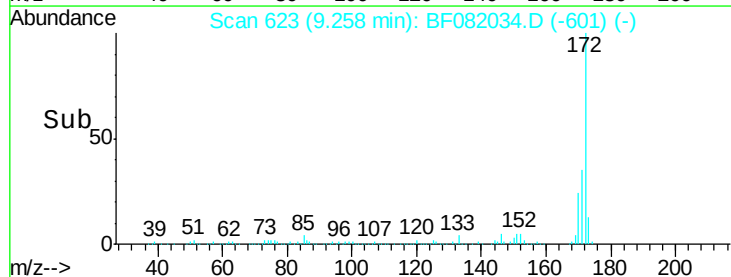


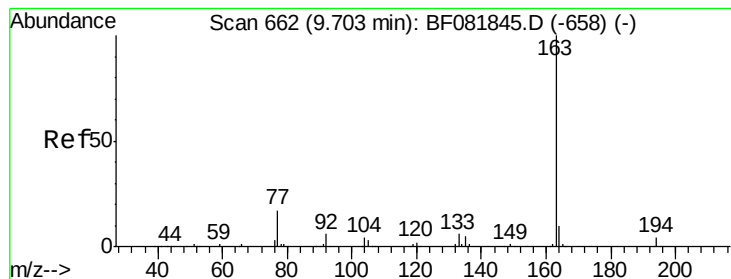
#44
 2-Fluorobiphenyl
 Concen: 64.81 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082034.D
 Acq: 3 Oct 2015 21:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.1	39.1
170	23.7	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: 17.48 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

MGP2200BR-9-10

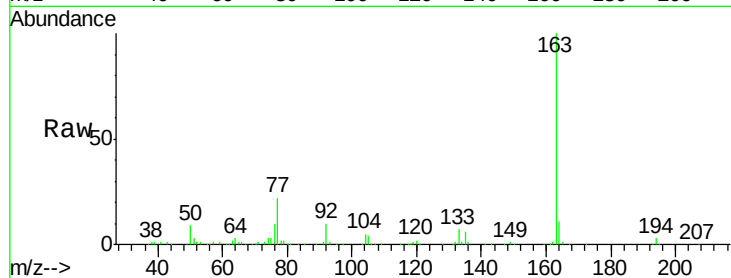
Tgt Ion:163 Resp: 227279

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

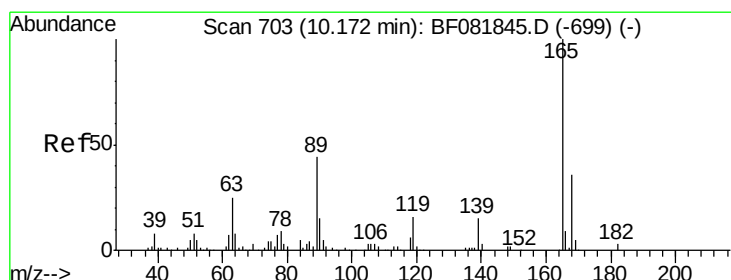
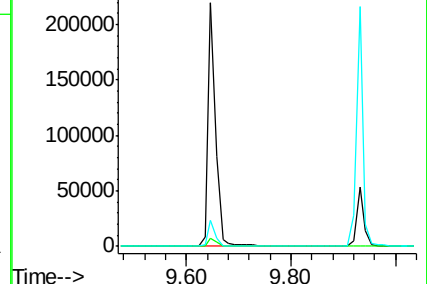
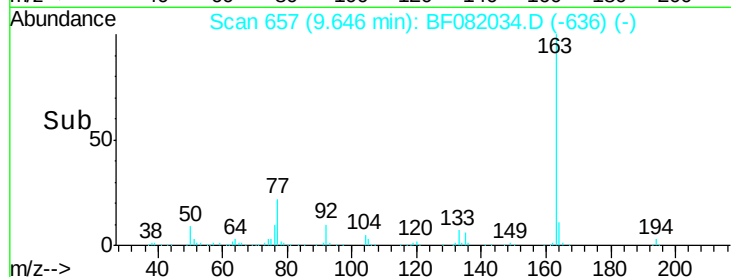
164 10.9 8.3 12.5



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: 6.77 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Tgt Ion:165 Resp: 24371

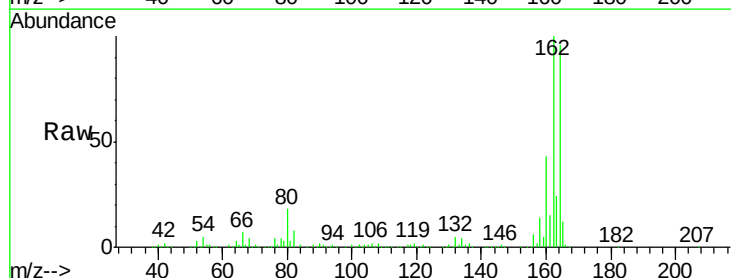
Ion Ratio Lower Upper

165 100

63 1.9 29.8 44.6#

89 2.0 44.5 66.7#

182 1.3 3.0 4.4#

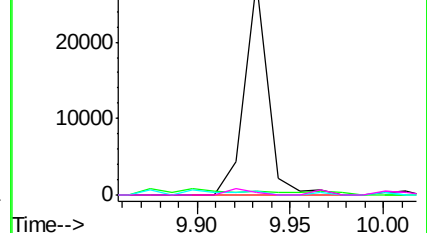
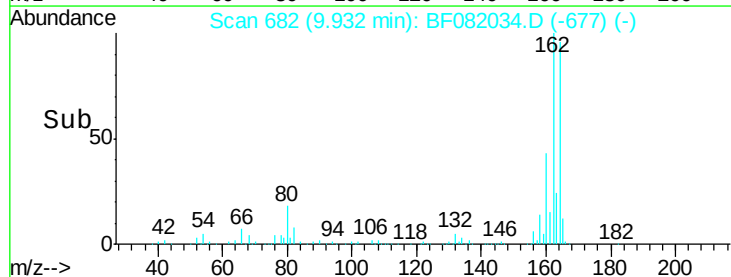


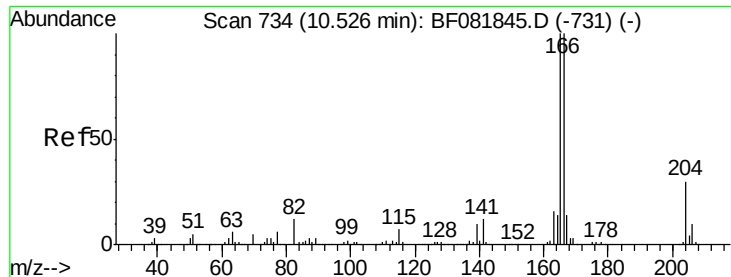
Abundance Ion 165.00 (164.70 to 165.70): E

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

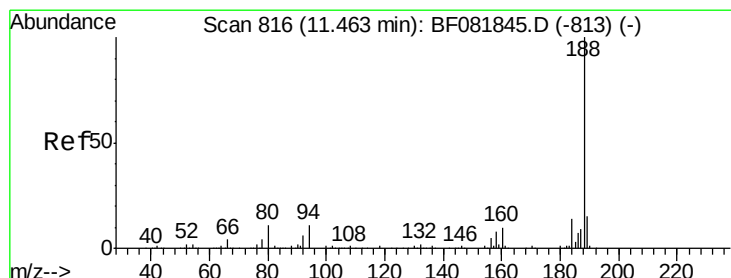
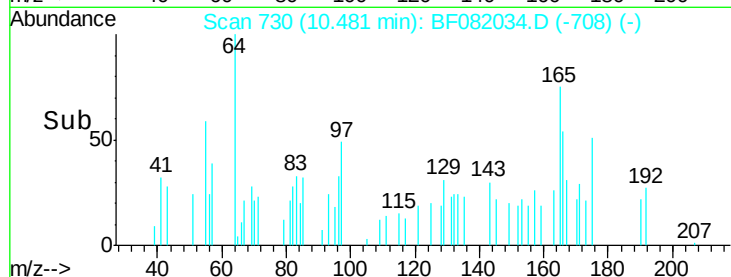
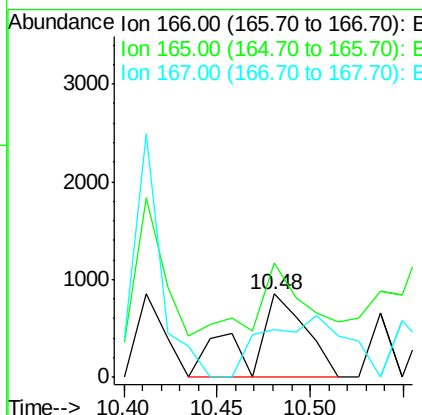
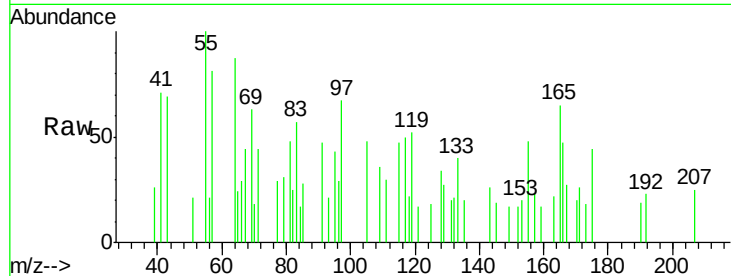




#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF082034.D
Acq: 3 Oct 2015 21:25

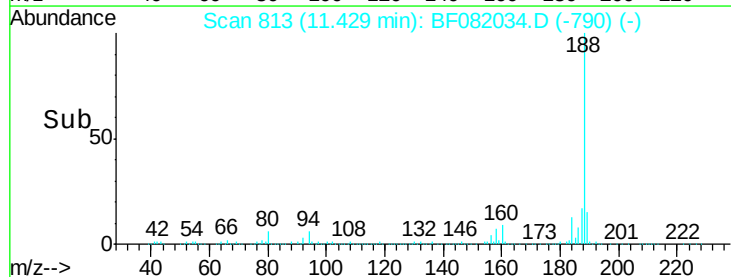
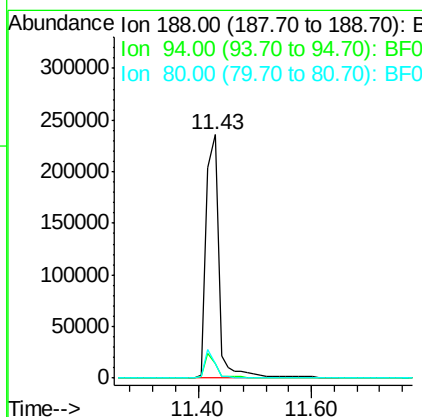
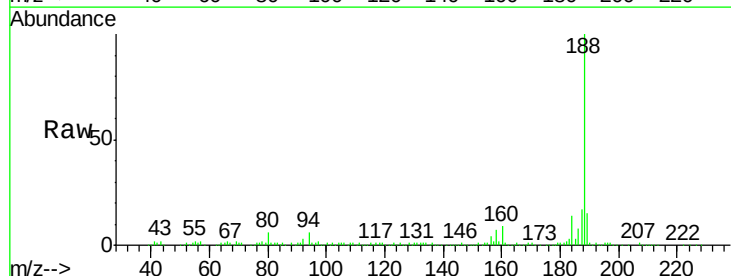
Instrument :
BNA_F
ClientSampleId :
MGP2200BR-9-10

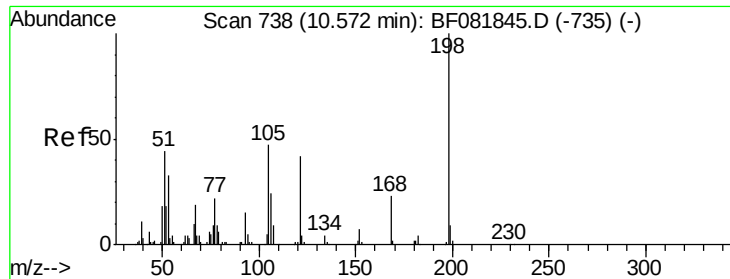
Tgt Ion:166 Resp: 1841
Ion Ratio Lower Upper
166 100
165 137.2 72.6 109.0#
167 57.0 10.6 16.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082034.D
Acq: 3 Oct 2015 21:25

Tgt Ion:188 Resp: 353263
Ion Ratio Lower Upper
188 100
94 5.9 11.1 16.7#
80 6.1 11.0 16.4#

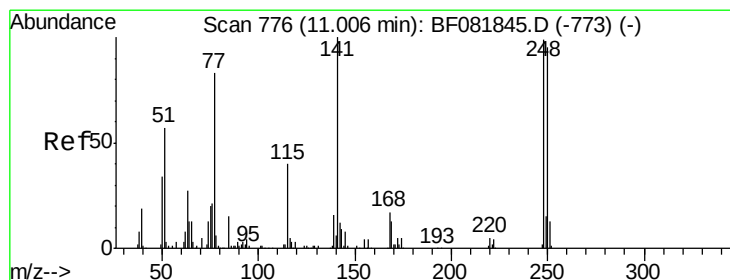
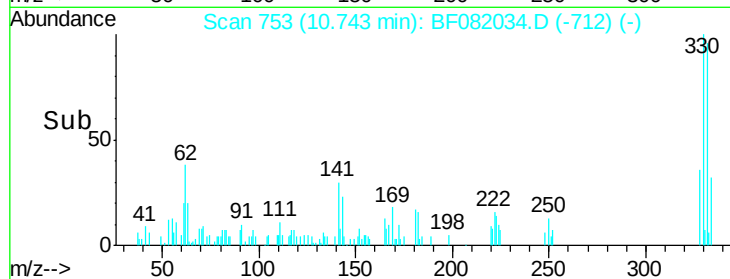
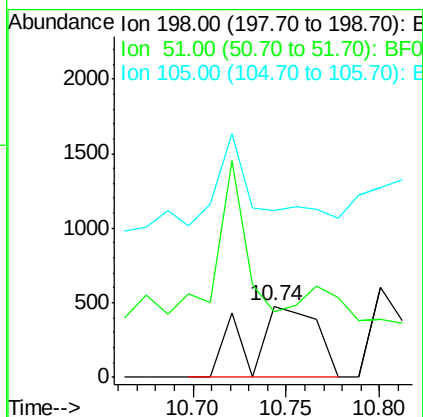
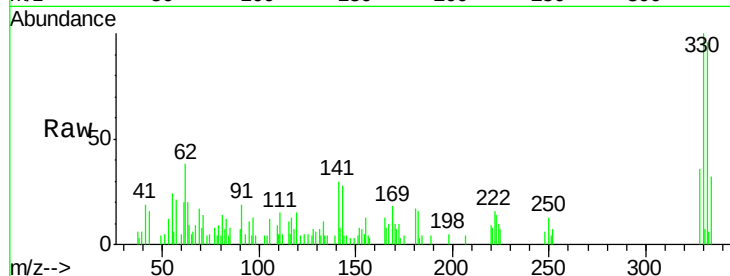




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.06 ng
 RT: 10.74 min Scan# 753
 Delta R.T. 0.17 min
 Lab File: BF082034.D
 Acq: 3 Oct 2015 21:25

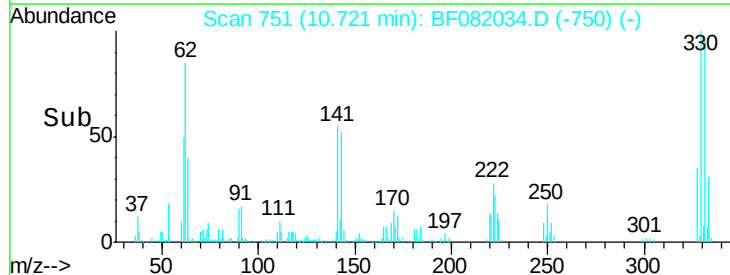
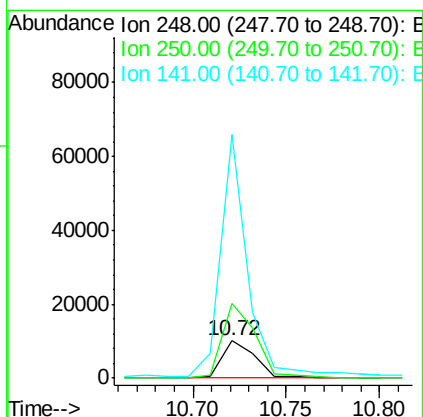
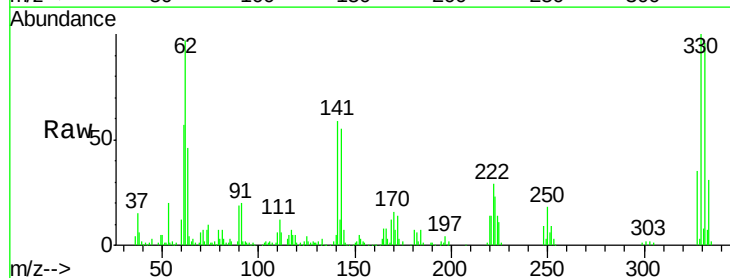
Instrument :
 BNA_F
 ClientSampleId :
 MGP2200BR-9-10

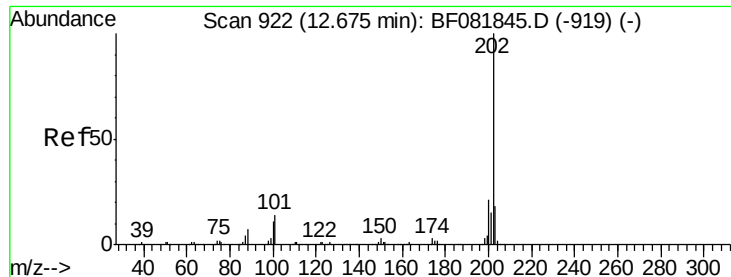
Tgt Ion:198 Resp: 1186
 Ion Ratio Lower Upper
 198 100
 51 92.0 39.6 79.6#
 105 235.2 28.5 68.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.57 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF082034.D
 Acq: 3 Oct 2015 21:25

Tgt Ion:248 Resp: 12728
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.5 117.7#
 141 649.8 59.0 88.6#





#74

Fluoranthene

Concen: 17.06 ng

RT: 12.64 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

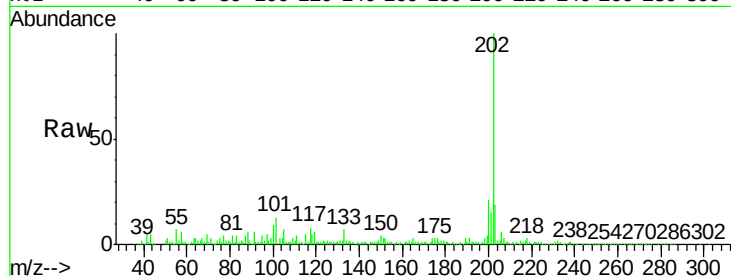
Instrument :

BNA_F

ClientSampleId :

MGP2200BR-9-10

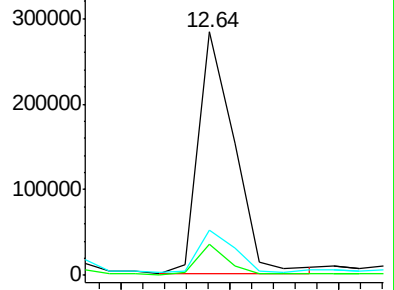
Tgt Ion:	202	Resp:	322923
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	38.3
203	18.6	0.0	37.3



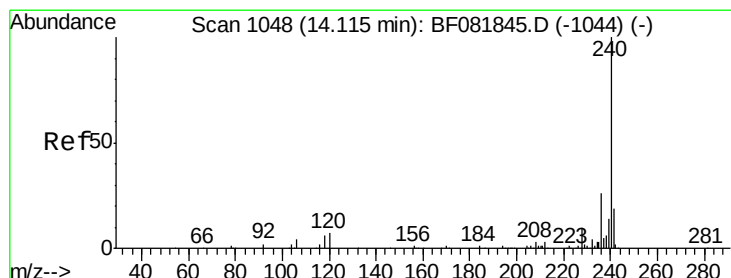
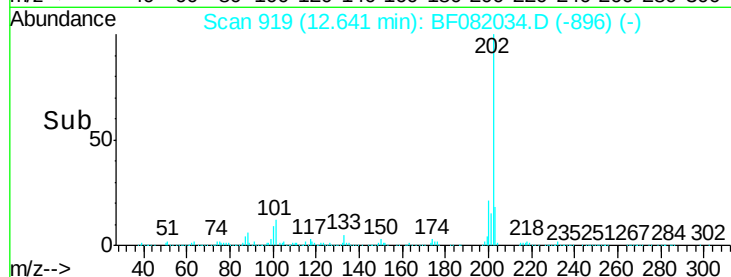
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

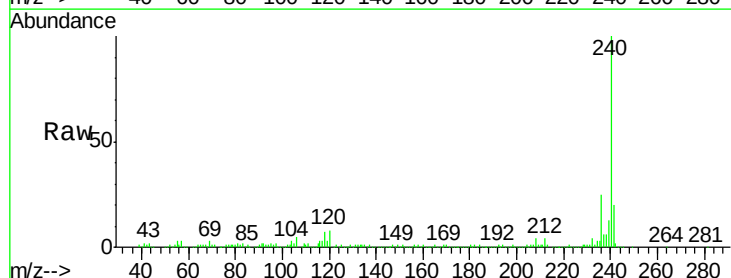
RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

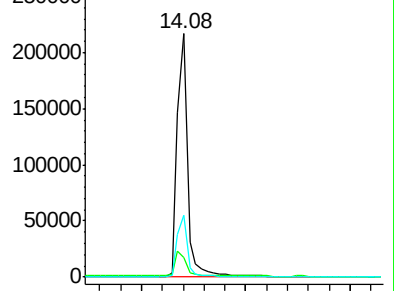
Tgt Ion:	240	Resp:	304671
Ion	Ratio	Lower	Upper
240	100		
120	8.0	16.2	24.2#
236	25.5	18.4	27.6



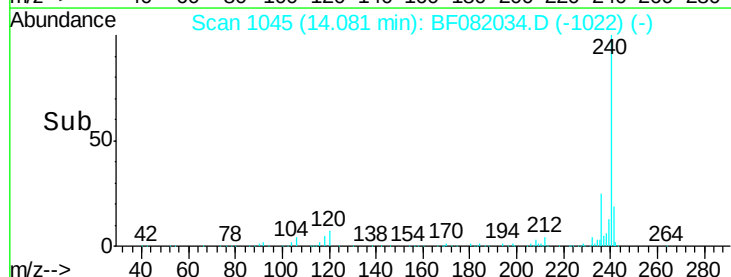
Abundance Ion 240.00 (239.70 to 240.70): E

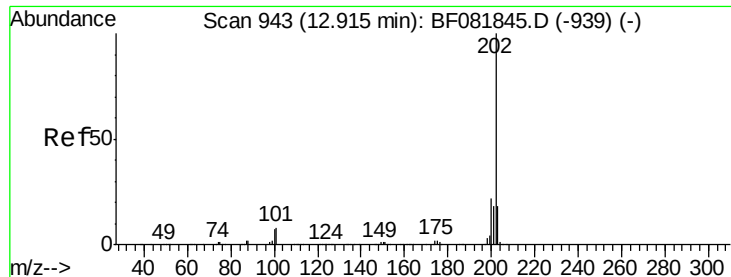
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Pyrene

Concen: 22.25 ng

RT: 12.87 min Scan# 939

Delta R.T. -0.05 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

MGP2200BR-9-10

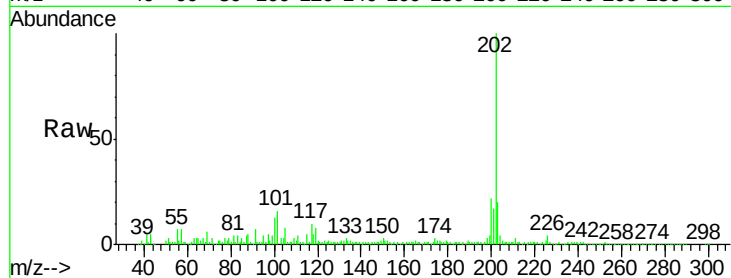
Tgt Ion:202 Resp: 405061

Ion Ratio Lower Upper

202 100

200 21.6 15.0 22.4

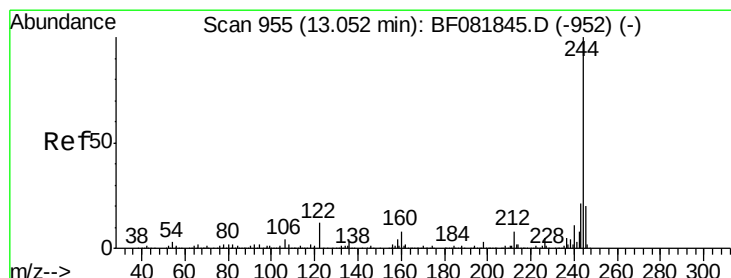
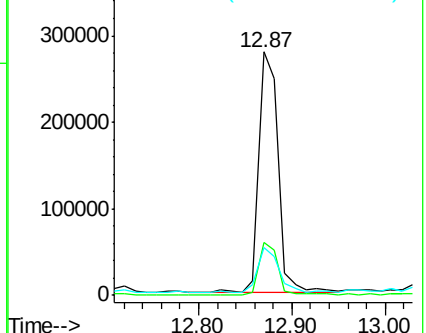
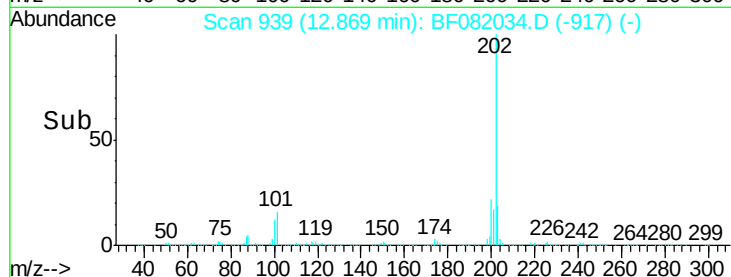
203 19.9 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.07 ng

RT: 13.03 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082034.D

Acq: 3 Oct 2015 21:25

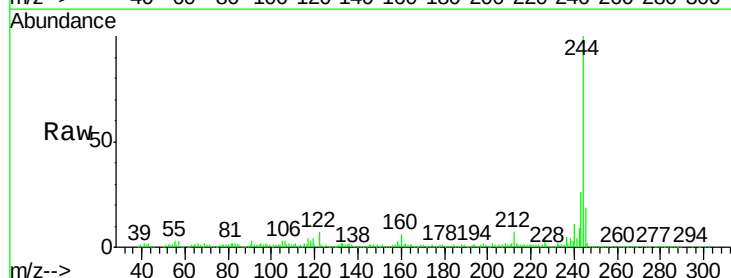
Tgt Ion:244 Resp: 848686

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

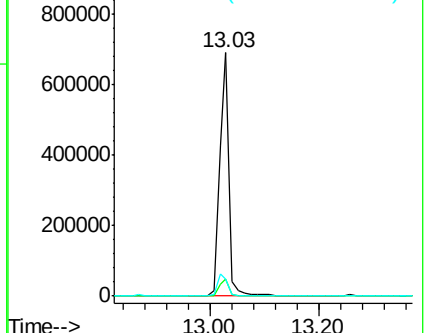
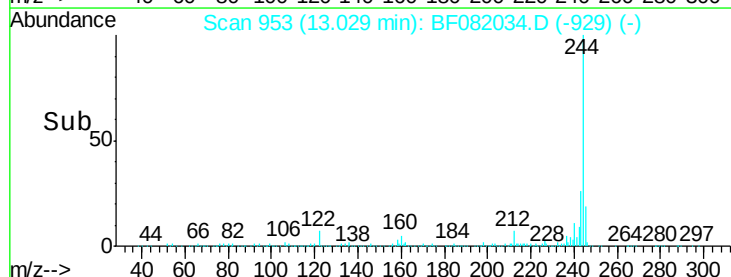
122 6.9 17.4 26.2#

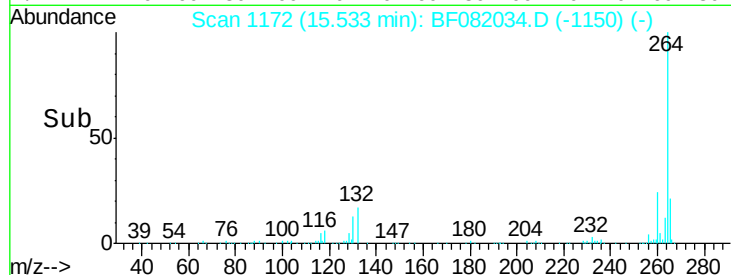
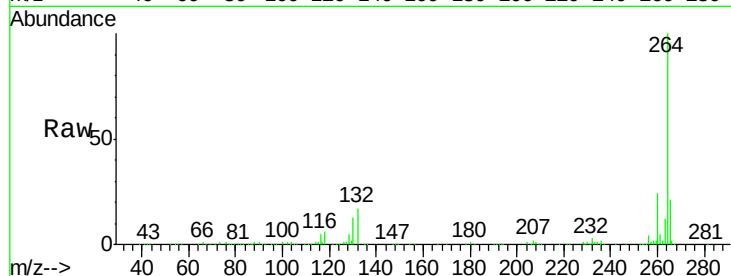
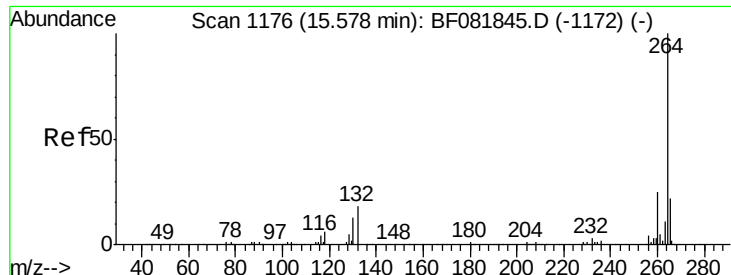


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082034.D
Acq: 3 Oct 2015 21:25

Instrument :
BNA_F
ClientSampleId :
MGP2200BR-9-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.1	17.2	25.8

