

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082035.D
 Acq On : 3 Oct 2015 21:55
 Operator : UM/IZ
 Sample : G3827-01
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-9-10

Quant Time: Oct 05 01:44:47 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

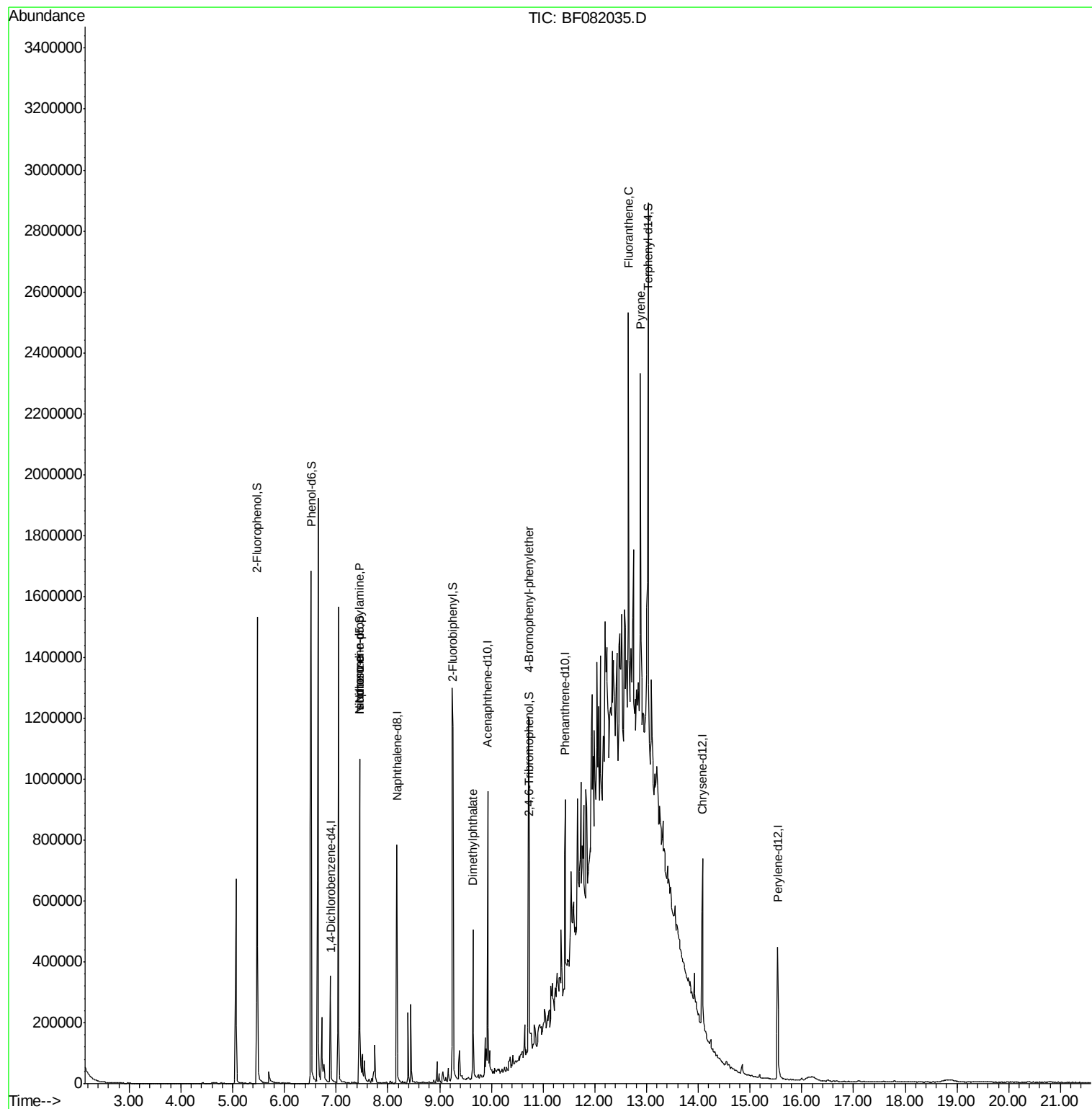
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	86187	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	370598	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	188177	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	348336	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	303167	20.00	ng	-0.03
86) Perylene-d12	15.53	264	252723	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	476000	100.26	ng	-0.04
7) Phenol-d6	6.51	99	719416	120.42	ng	-0.05
23) Nitrobenzene-d5	7.45	82	398965	71.76	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	167470	87.87	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	681800	56.83	ng	-0.05
78) Terphenyl-d14	13.03	244	662436	66.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	50498	13.91	ng	# 57
25) Isophorone	7.45	82	342195	31.05	ng	# 58
49) Dimethylphthalate	9.65	163	219546	16.90	ng	# 97
57) Fluorene	10.48	166	3405	Below Cal	#	57
66) 4-Bromophenyl-phenylether	10.72	248	10312	2.94	ng	# 1
73) Di-n-butylphthalate	11.99	149	6417	Below Cal	#	1
74) Fluoranthene	12.65	202	523486	28.05	ng	88
77) Pyrene	12.88	202	578311	31.93	ng	95

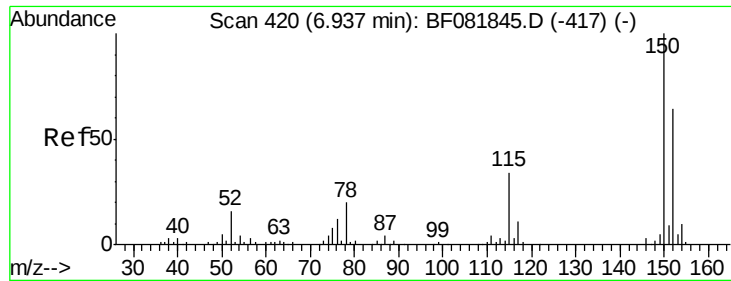
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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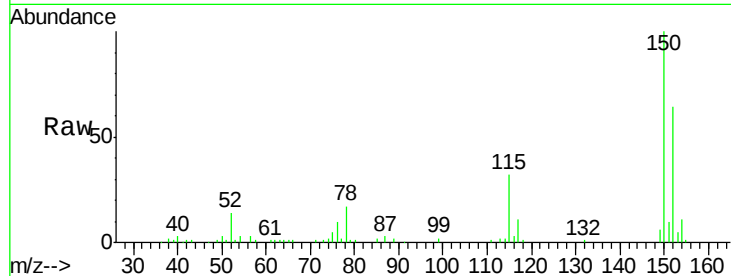


#1

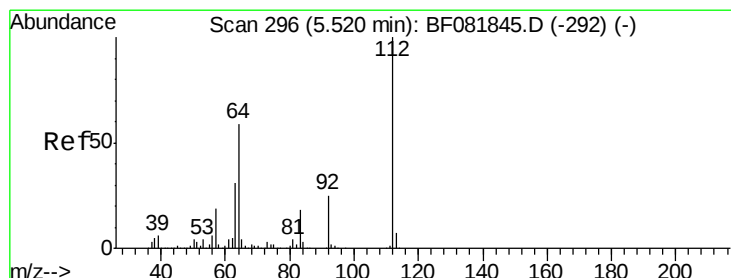
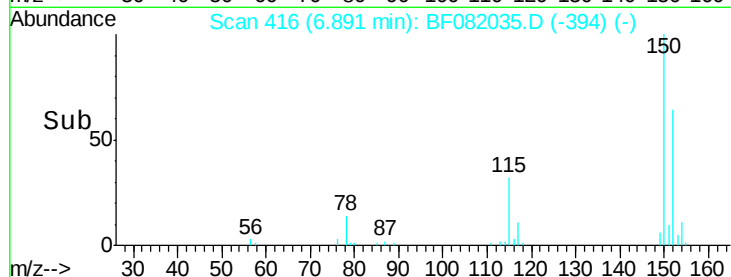
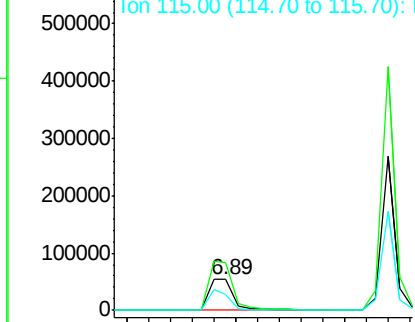
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF082035.D
 Acq: 3 Oct 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 MGP220BR-9-10

Tgt Ion:152 Resp: 86187
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.7 187.1
 115 49.6 39.0 58.4



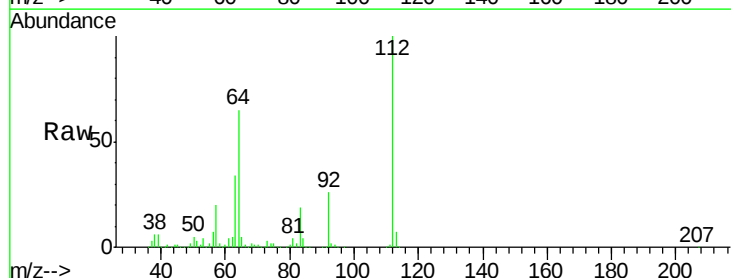
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



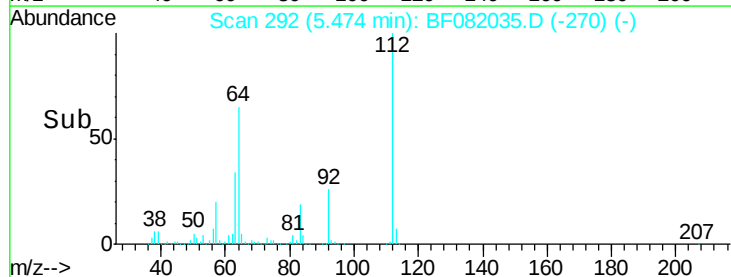
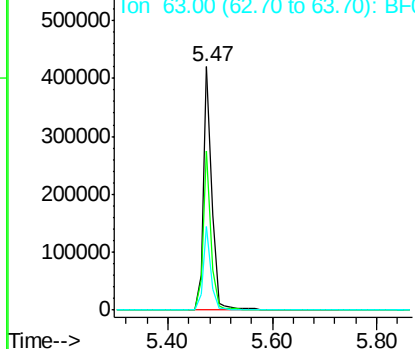
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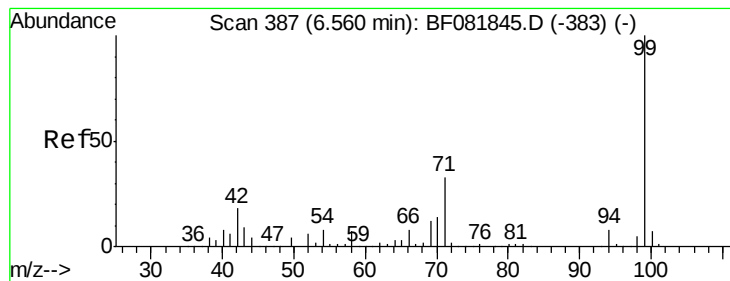
2-Fluorophenol
 Concen: 100.26 ng
 RT: 5.47 min Scan# 292
 Delta R.T. -0.04 min
 Lab File: BF082035.D
 Acq: 3 Oct 2015 21:55

Tgt Ion:112 Resp: 476000
 Ion Ratio Lower Upper
 112 100
 64 65.2 39.7 59.5#
 63 34.3 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: 120.42 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082035.D

Acq: 3 Oct 2015 21:55

Instrument :

BNA_F

ClientSampleId :

MGP220BR-9-10

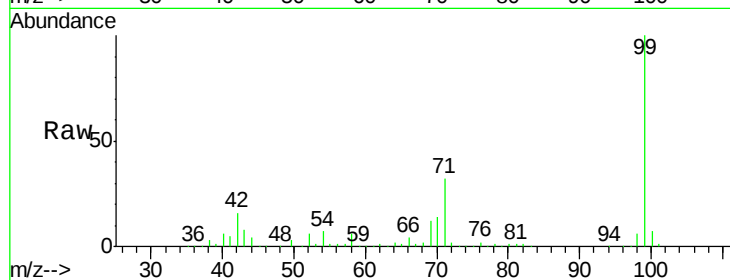
Tgt Ion: 99 Resp: 719416

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

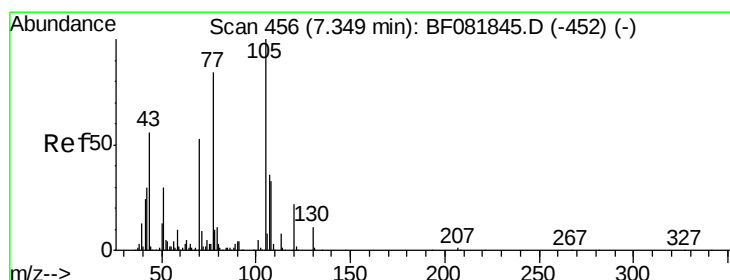
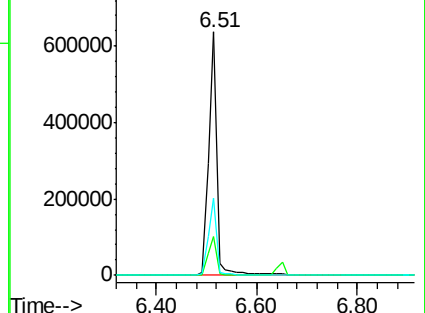
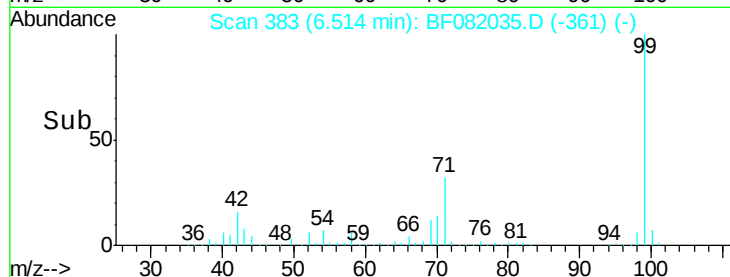
71 31.9 14.2 21.2#



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: 13.91 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082035.D

Acq: 3 Oct 2015 21:55

Tgt Ion: 70 Resp: 50498

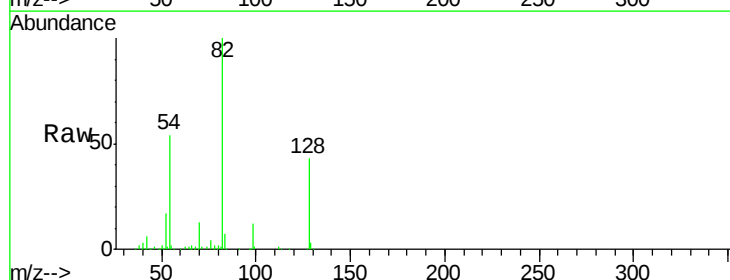
Ion Ratio Lower Upper

70 100

42 45.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

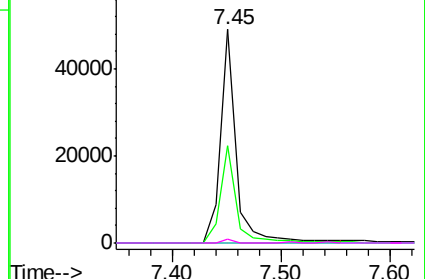
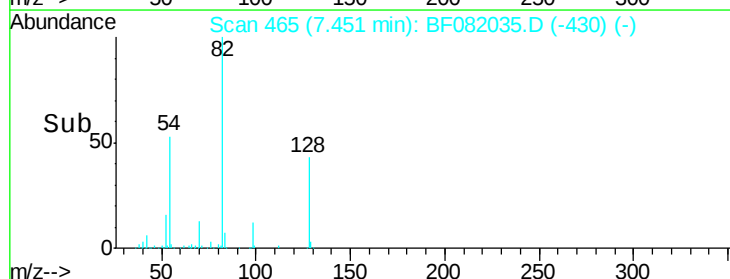


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

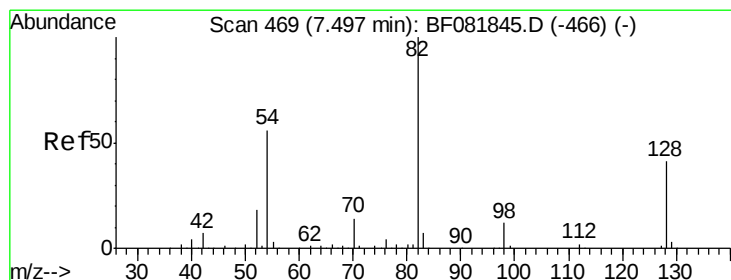
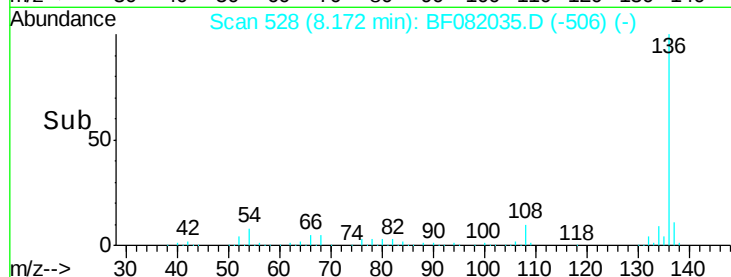
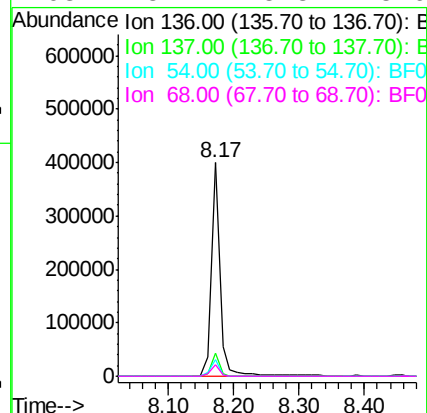
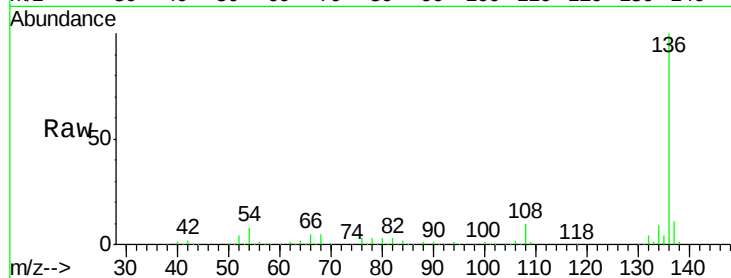




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

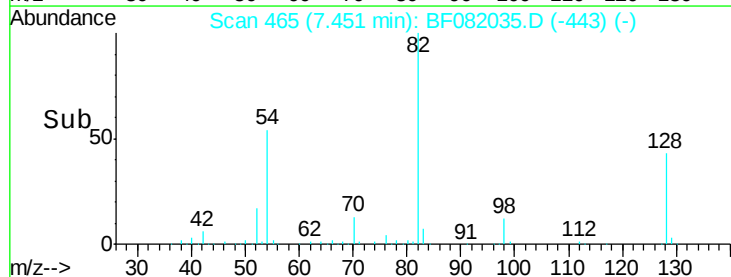
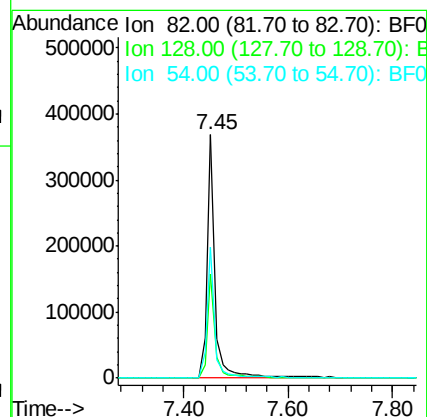
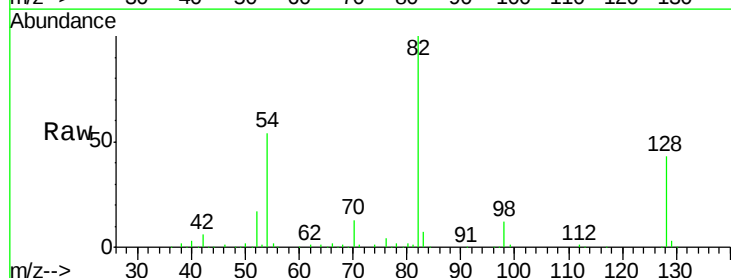
Instrument :
BNA_F
ClientSampleId :
MGP220BR-9-10

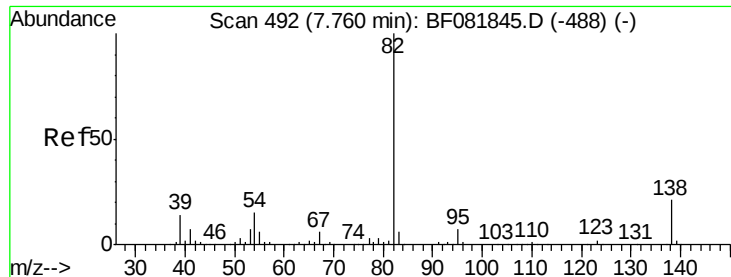
Tgt Ion:	136	Resp:	370598
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	7.9	8.2	12.2#
68	5.2	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 71.76 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:	82	Resp:	398965
Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	53.9	47.5	71.3





#25

Isophorone

Concen: 31.05 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF082035.D

Acq: 3 Oct 2015 21:55

Instrument :

BNA_F

ClientSampleId :

MGP220BR-9-10

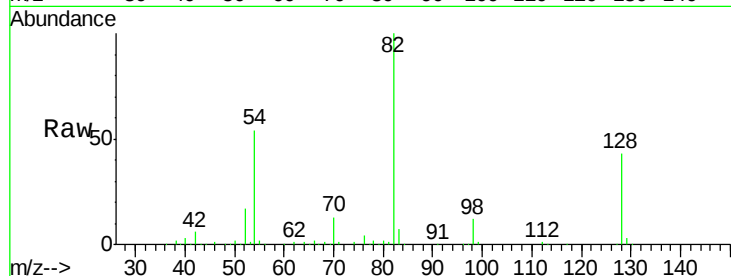
Tgt Ion: 82 Resp: 342195

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

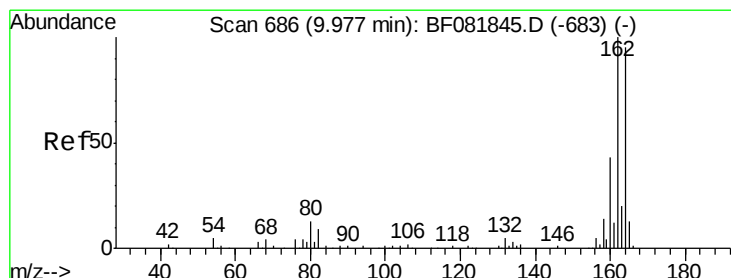
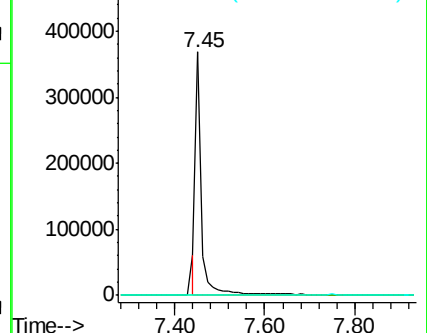
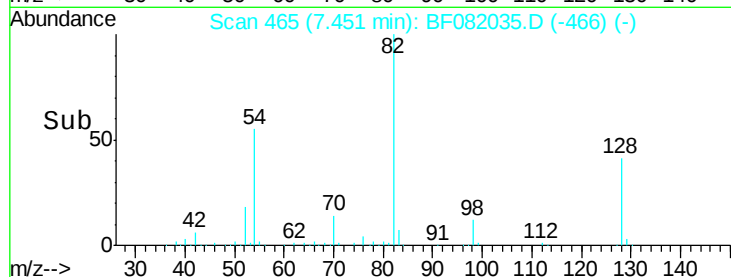
138 0.0 18.3 27.5#



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: BF082035.D

Acq: 3 Oct 2015 21:55

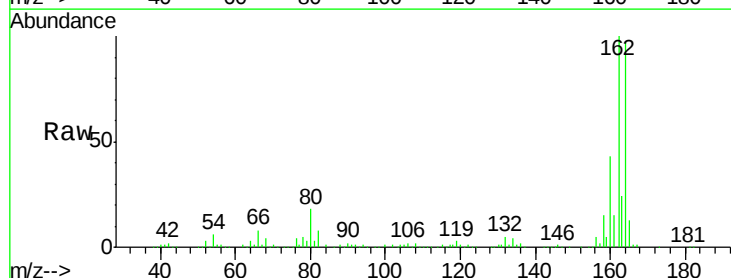
Tgt Ion: 164 Resp: 188177

Ion Ratio Lower Upper

164 100

162 103.0 75.2 112.8

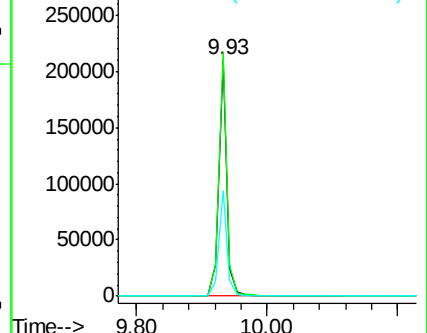
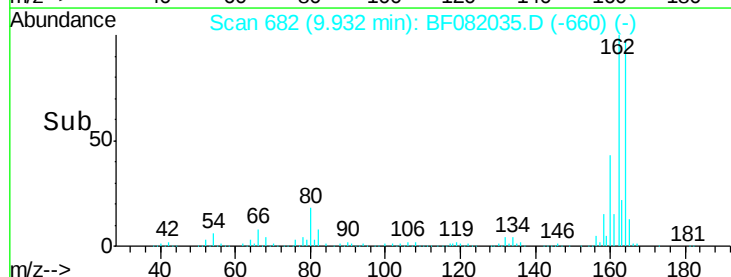
160 44.7 31.5 47.3



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

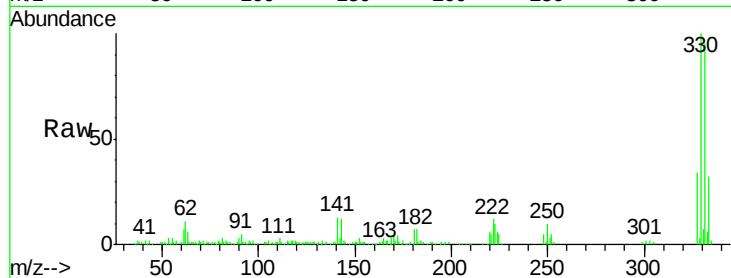




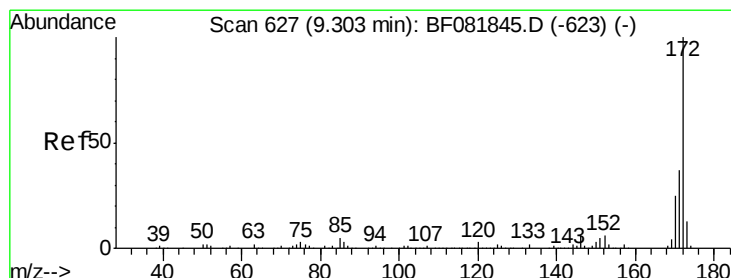
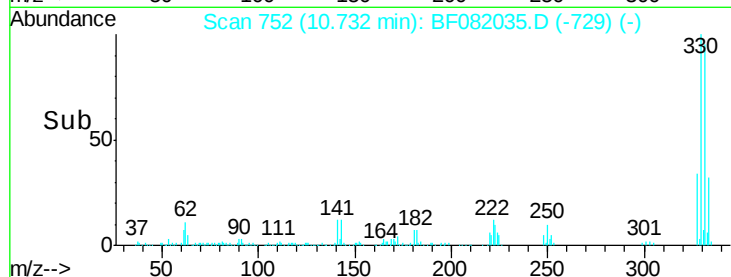
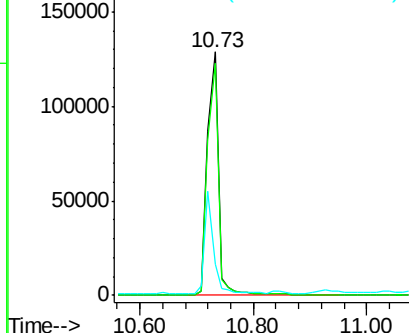
#41
 2,4,6-Tribromophenol
 Concen: 87.87 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082035.D
 Acq: 3 Oct 2015 21:55

Instrument :
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 MGP220BR-9-10

Tgt Ion:330 Resp: 167470
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 33.8 29.7 44.5

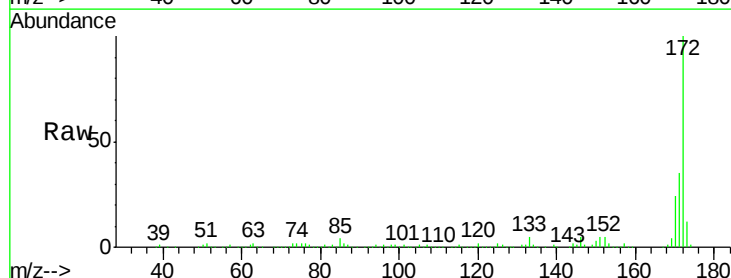


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

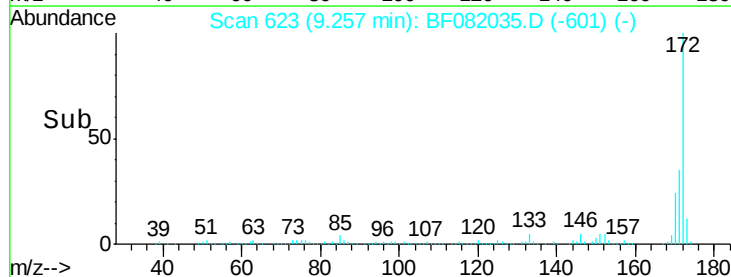
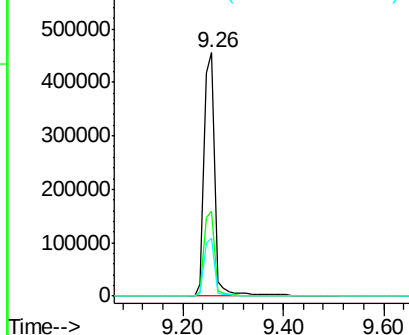


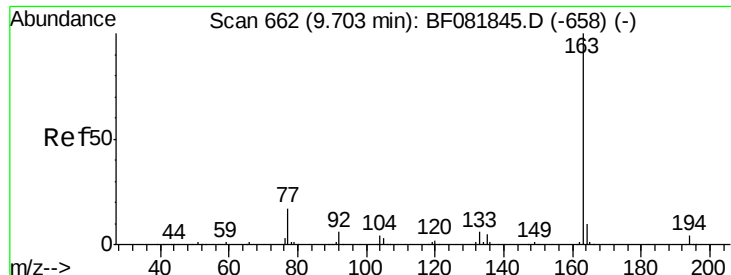
#44
 2-Fluorobiphenyl
 Concen: 56.83 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF082035.D
 Acq: 3 Oct 2015 21:55

Tgt Ion:172 Resp: 681800
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.8 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

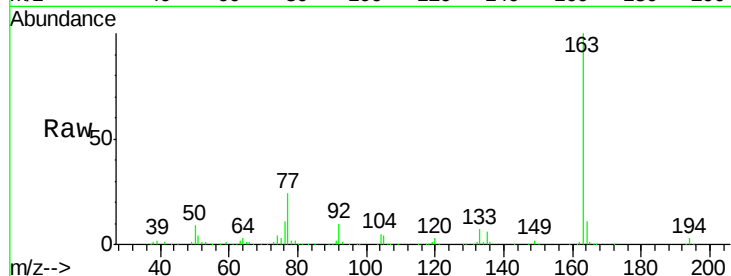




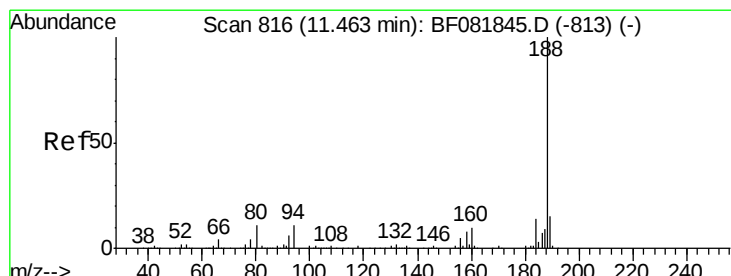
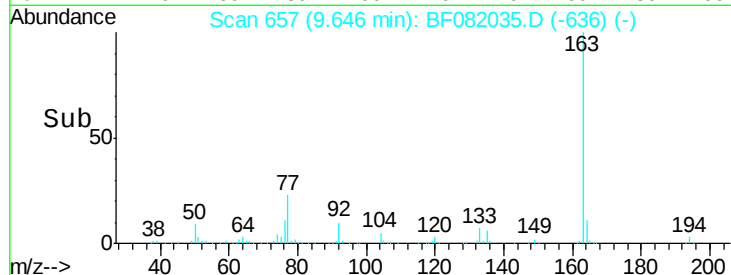
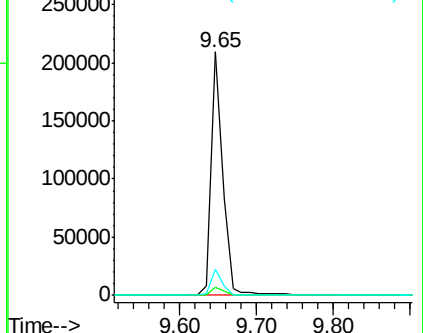
#49
Dimethylphthalate
Concen: 16.90 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Instrument :
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ClientSampleId :
MGP220BR-9-10

Tgt Ion:163 Resp: 219546
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.7 8.3 12.5

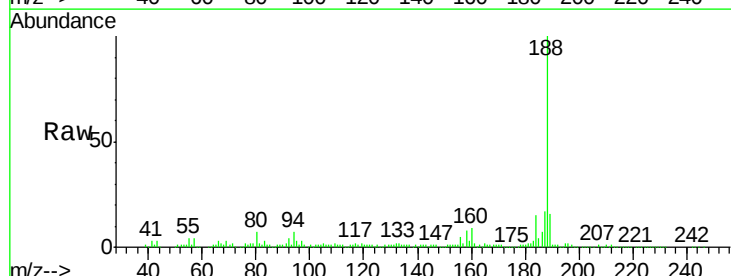


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

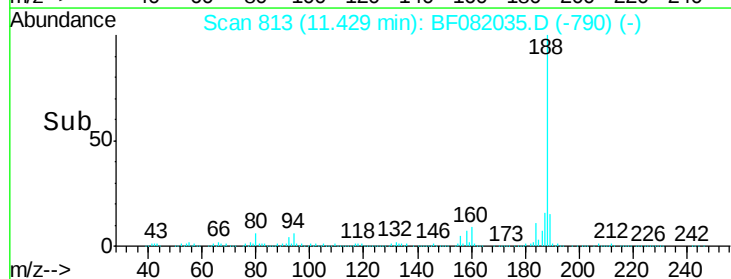
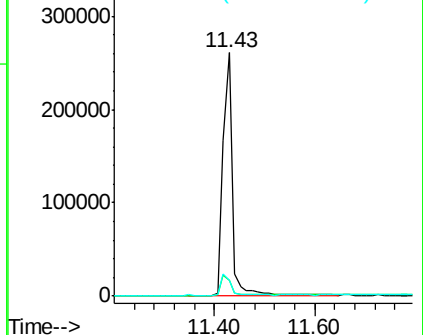


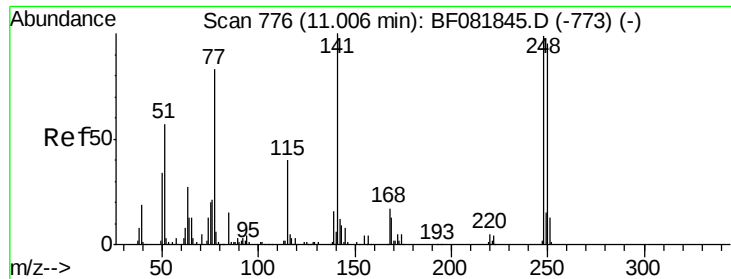
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082035.D
Acq: 3 Oct 2015 21:55

Tgt Ion:188 Resp: 348336
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

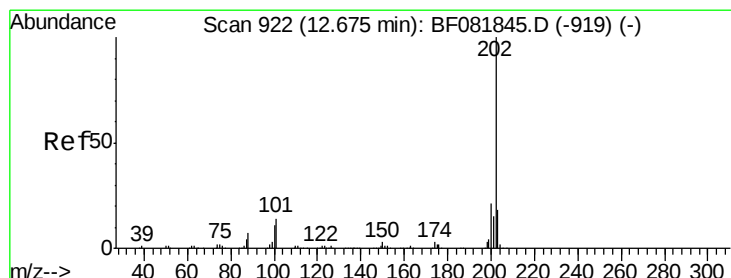
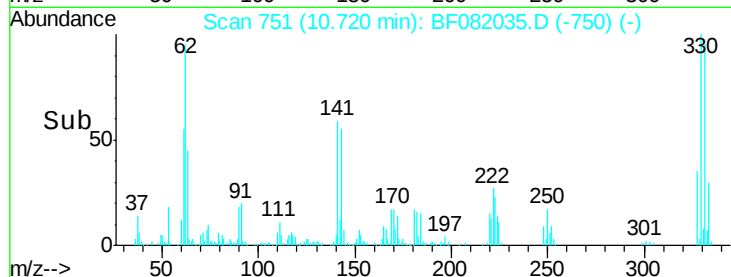
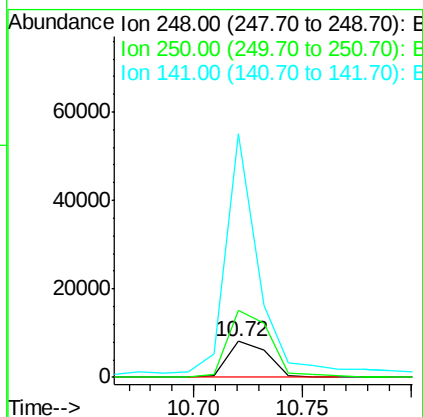
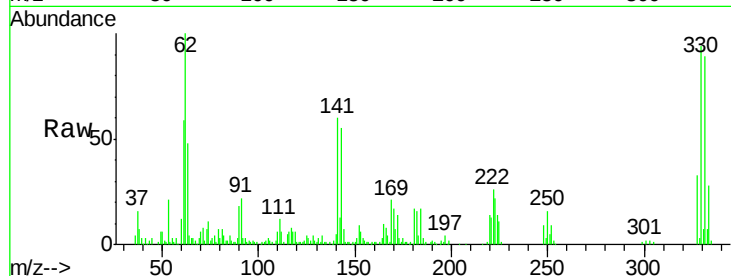




#66
 4-Bromophenyl-phenylether
 Concen: 2.94 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF082035.D
 Acq: 3 Oct 2015 21:55

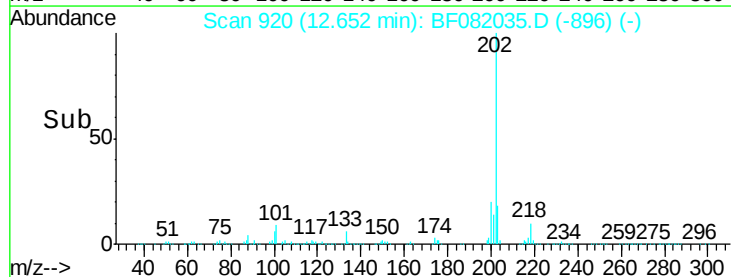
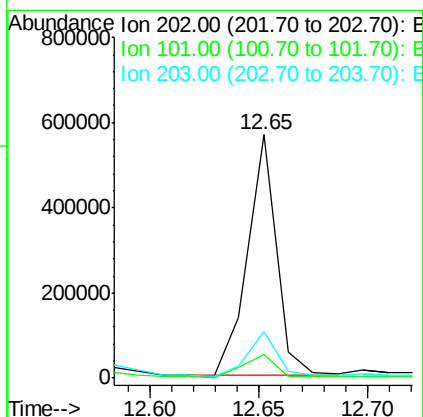
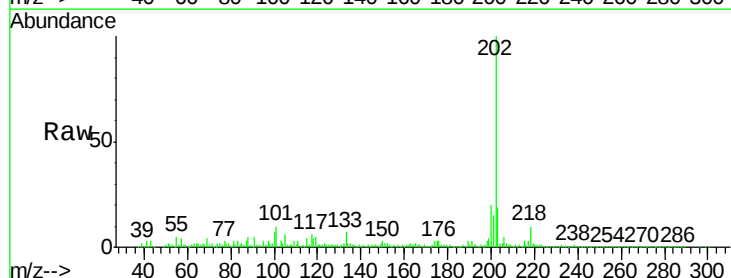
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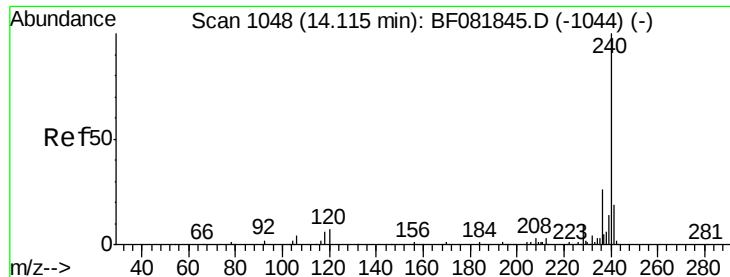
Tgt Ion:248 Resp: 10312
 Ion Ratio Lower Upper
 248 100
 250 187.3 78.5 117.7#
 141 680.3 59.0 88.6#



#74
 Fluoranthene
 Concen: 28.05 ng
 RT: 12.65 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF082035.D
 Acq: 3 Oct 2015 21:55

Tgt Ion:202 Resp: 523486
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 38.3
 203 19.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082035.D

Acq: 3 Oct 2015 21:55

Instrument :

BNA_F

ClientSampleId :

MGP220BR-9-10

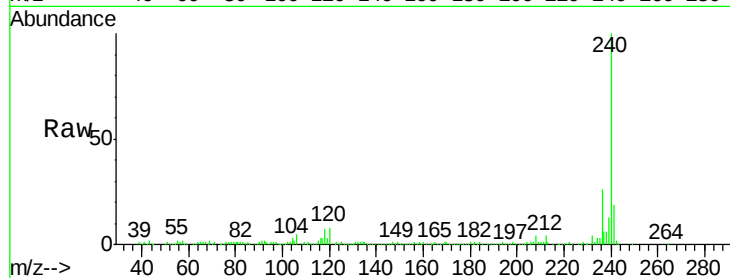
Tgt Ion:240 Resp: 303167

Ion Ratio Lower Upper

240 100

120 7.8 16.2 24.2#

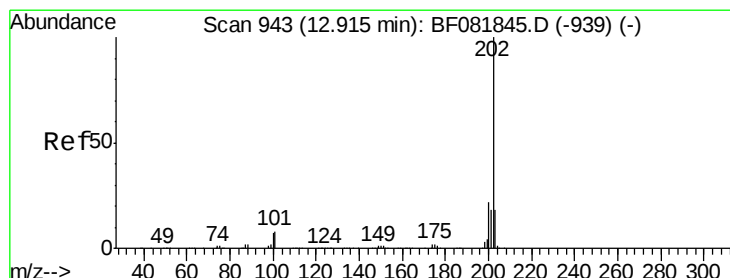
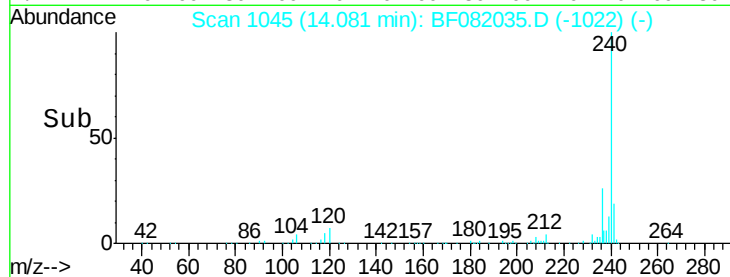
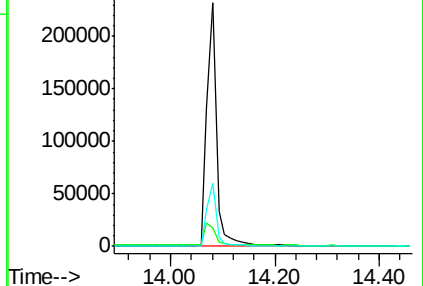
236 25.8 18.4 27.6



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



#77

Pyrene

Concen: 31.93 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF082035.D

Acq: 3 Oct 2015 21:55

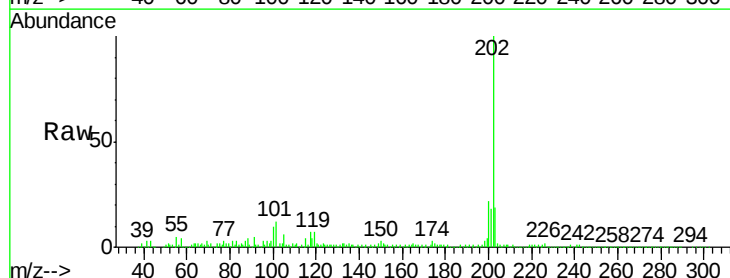
Tgt Ion:202 Resp: 578311

Ion Ratio Lower Upper

202 100

200 21.6 15.0 22.4

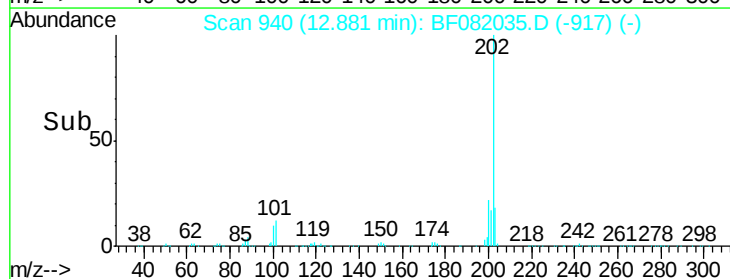
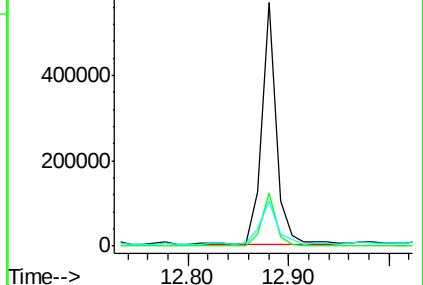
203 18.7 14.1 21.1

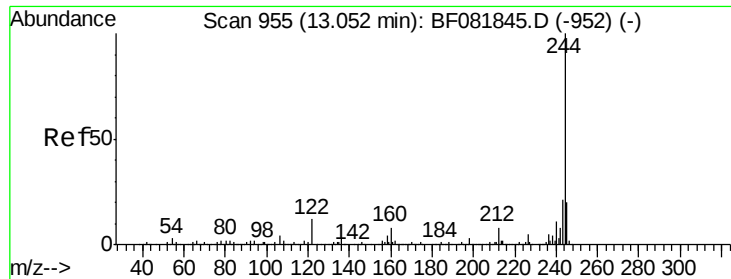


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.44 ng

RT: 13.03 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082035.D

Acq: 3 Oct 2015 21:55

Instrument :

BNA_F

ClientSampleId :

MGP220BR-9-10

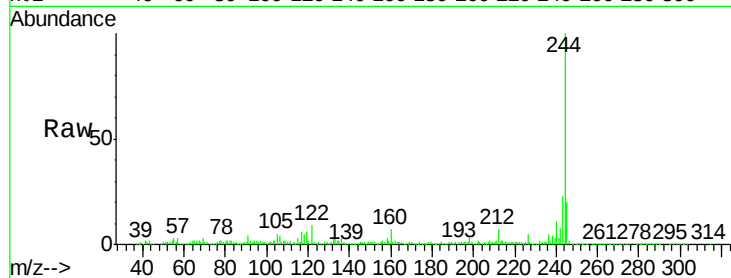
Tgt Ion:244 Resp: 662436

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

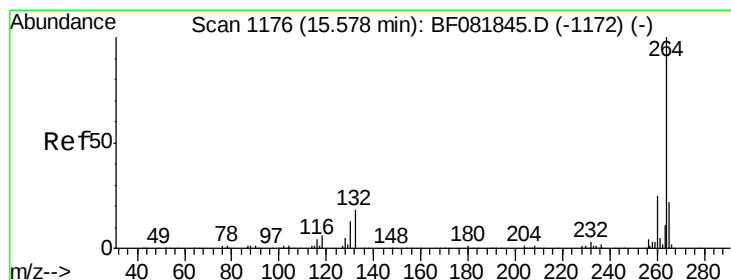
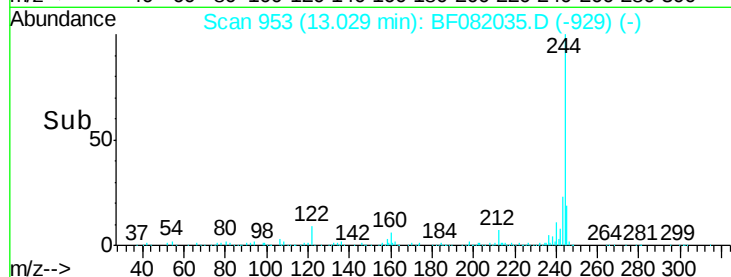
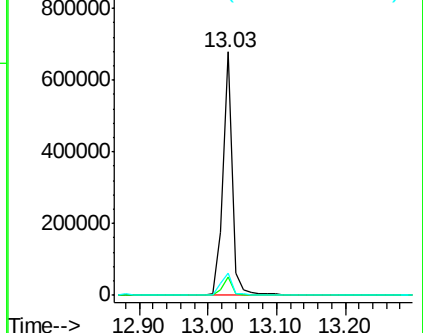
122 9.0 17.4 26.2#



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: BF082035.D

Acq: 3 Oct 2015 21:55

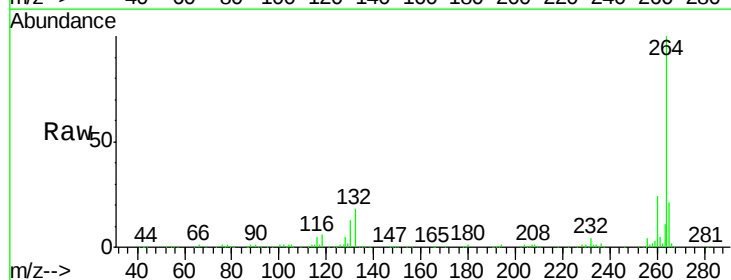
Tgt Ion:264 Resp: 252723

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 21.4 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

