

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082135.D
 Acq On : 8 Oct 2015 19:09
 Operator : UM/IZ
 Sample : G3945-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-18-20

Quant Time: Oct 09 05:11:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

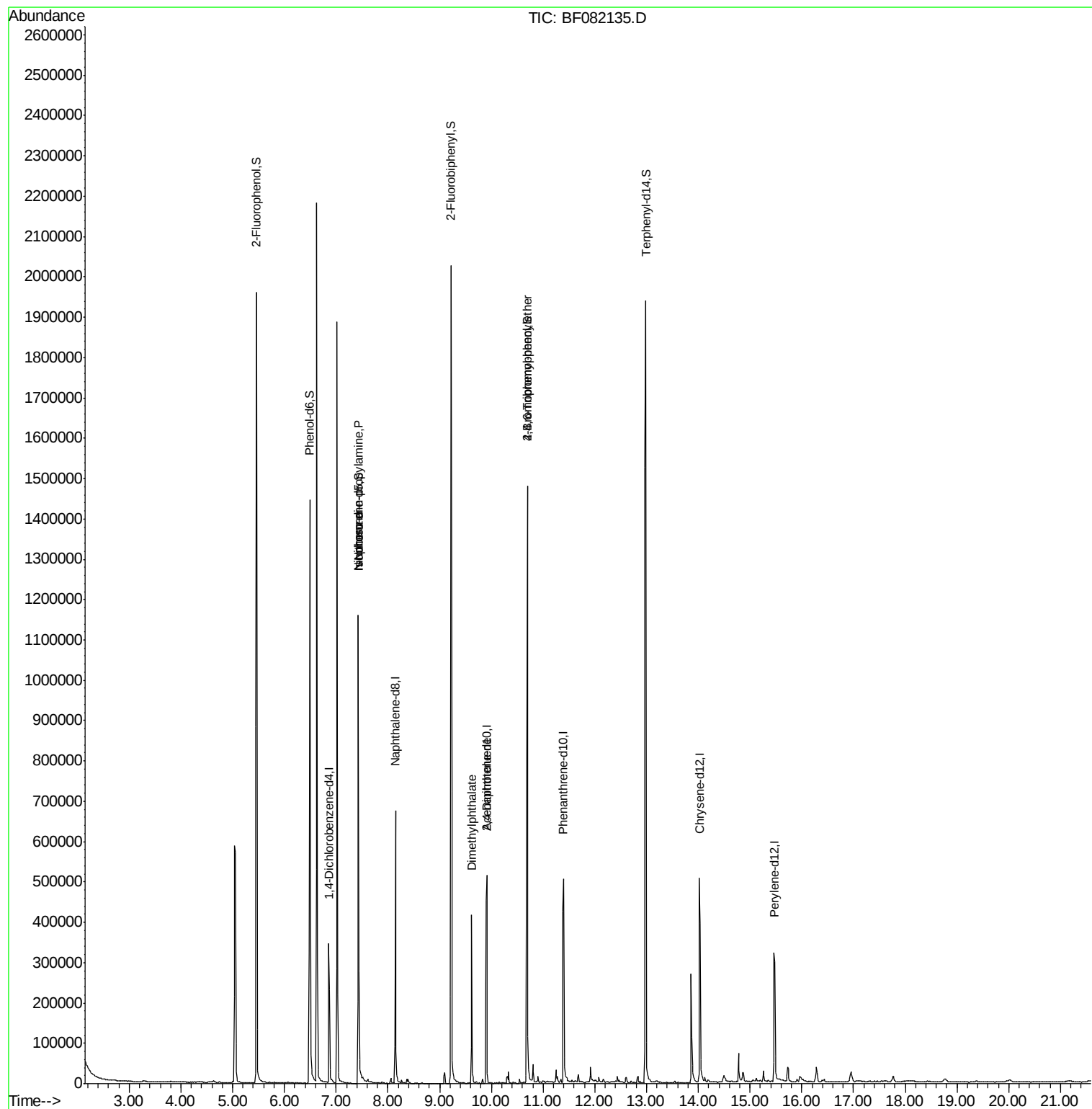
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	79445	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	327708	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	155153	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	314398	20.00	ng	0.00
75) Chrysene-d12	14.02	240	286683	20.00	ng	-0.02
86) Perylene-d12	15.48	264	216505	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	601792	137.51	ng	0.01
7) Phenol-d6	6.49	99	769109	139.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	449973	91.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	223785	142.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	755217	80.64	ng	-0.01
78) Terphenyl-d14	12.98	244	920371	114.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	57797	17.27	ng	# 58
25) Isophorone	7.43	82	394990	40.54	ng	# 58
49) Dimethylphthalate	9.62	163	185689	17.34	ng	# 97
56) 2,4-Dinitrotoluene	9.91	165	19443	6.56	ng	# 31
57) Fluorene	10.46	166	296	Below	Cal	# 78
66) 4-Bromophenyl-phenylether	10.70	248	15140	4.78	ng	# 1
70) Phenanthrene	11.42	178	9658	Below	Cal	# 96
73) Di-n-butylphthalate	11.95	149	3594	Below	Cal	# 92

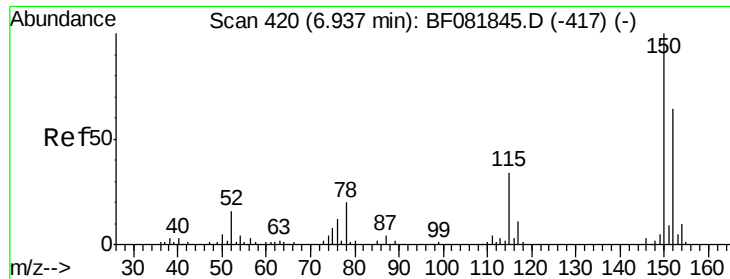
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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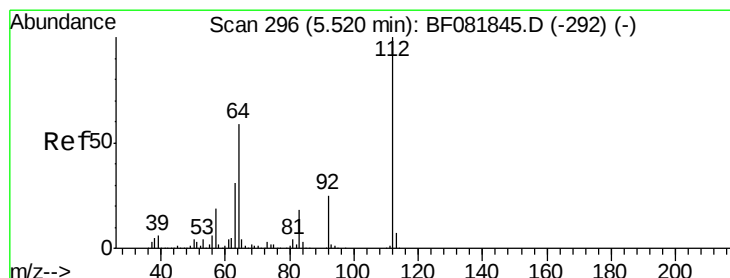
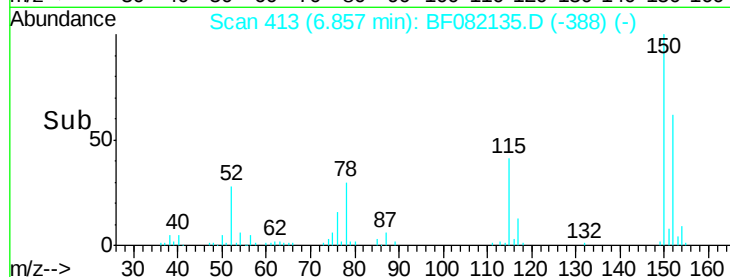
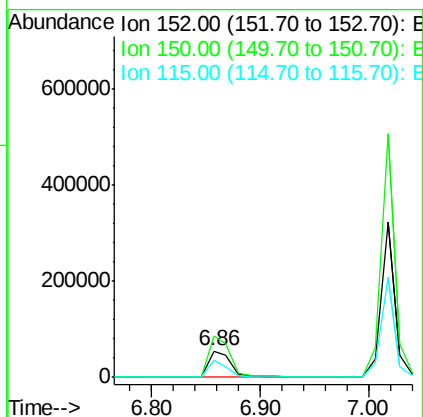
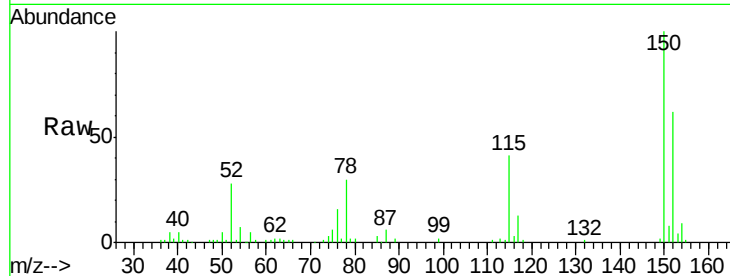


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082135.D
Acq: 8 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
MGP215BR-18-20

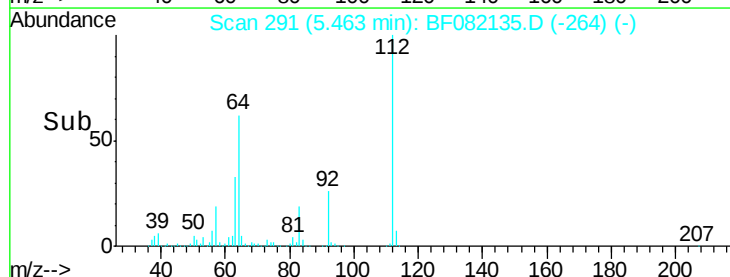
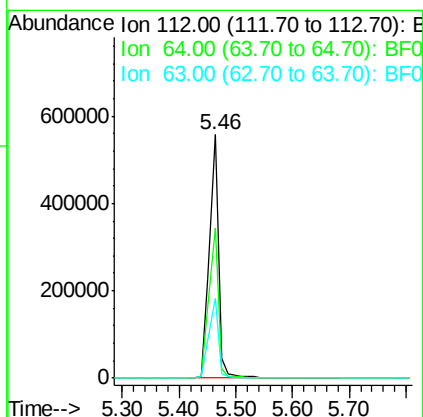
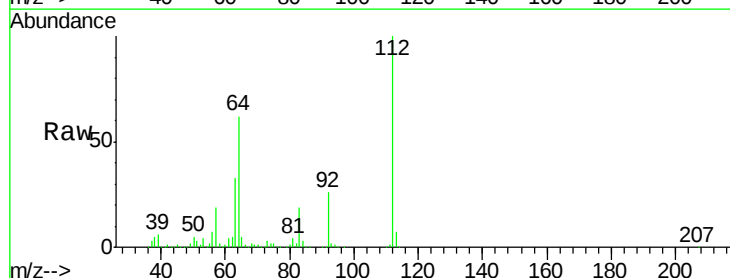
Tot Ion:152 Resp: 79445
Ion Ratio Lower Upper
152 100
150 160.2 124.7 187.1
115 66.2 39.0 58.4#

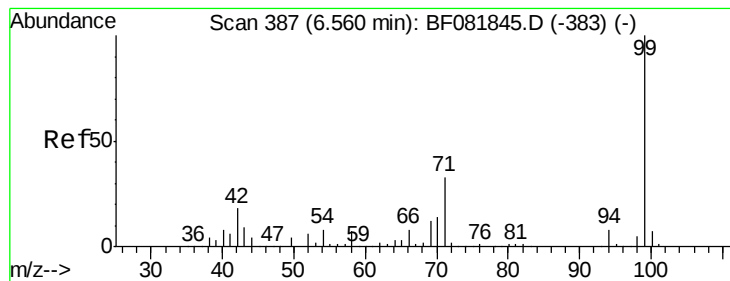


#5

2-Fluorophenol
Concen: 137.51 ng
RT: 5.46 min Scan# 291
Delta R.T. 0.01 min
Lab File: BF082135.D
Acq: 8 Oct 2015 19:09

Tgt Ion:112 Resp: 601792
Ion Ratio Lower Upper
112 100
64 61.6 39.7 59.5#
63 32.6 17.4 26.0#





#7

Phenol-d6

Concen: 139.66 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

MGP215BR-18-20

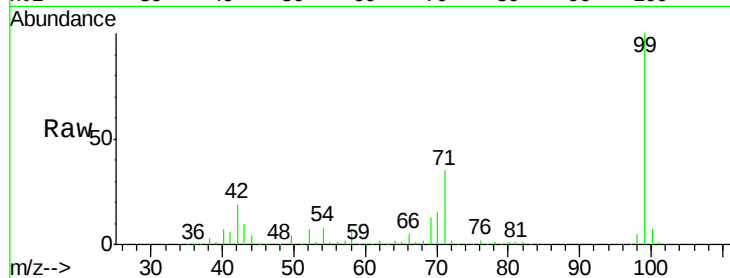
Tot Ion: 99 Resp: 769109

Ion Ratio Lower Upper

99 100

42 19.2 13.7 20.5

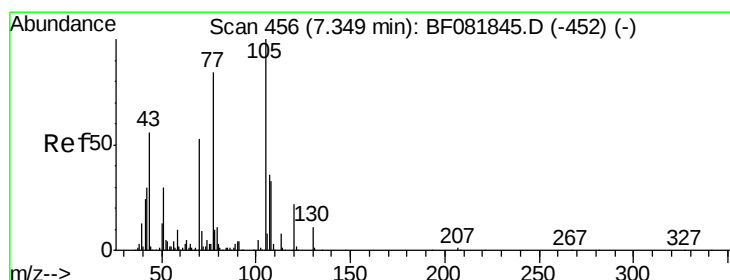
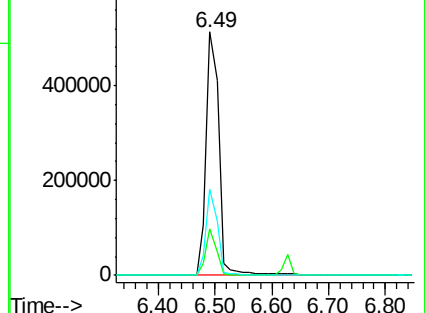
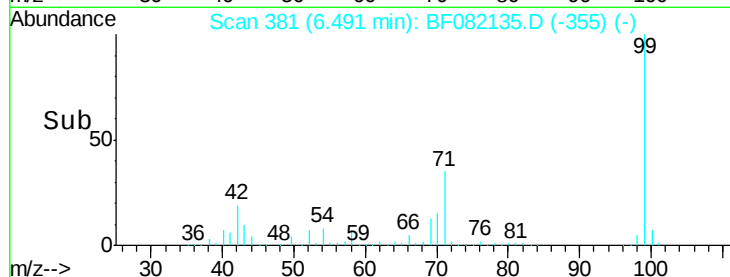
71 35.2 14.2 21.2#



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: 17.27 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

Tgt Ion: 70 Resp: 57797

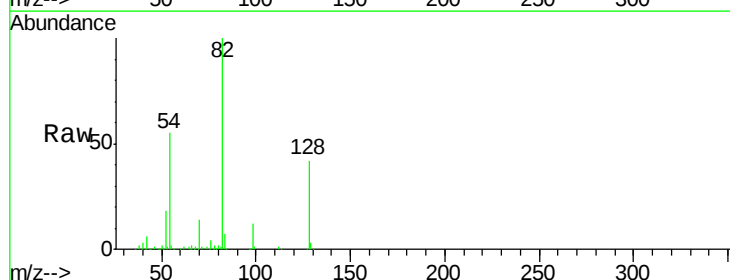
Ion Ratio Lower Upper

70 100

42 46.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

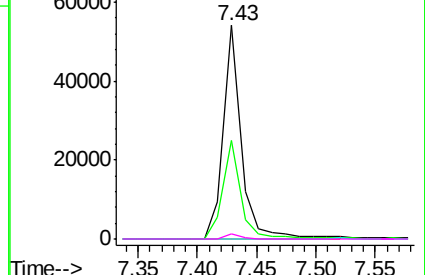
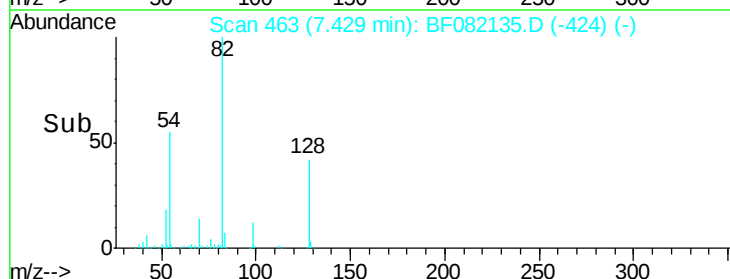


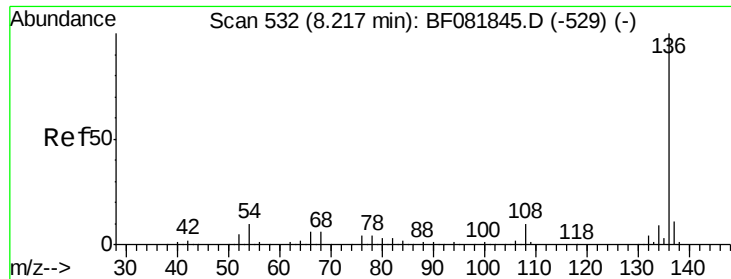
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

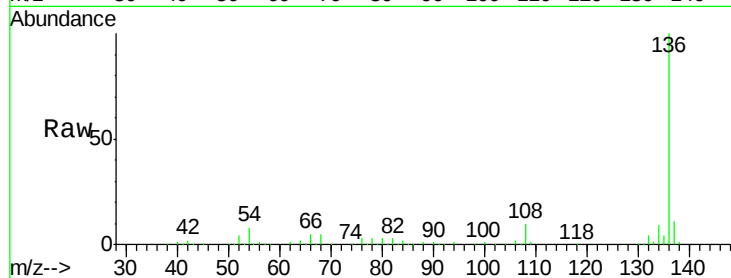




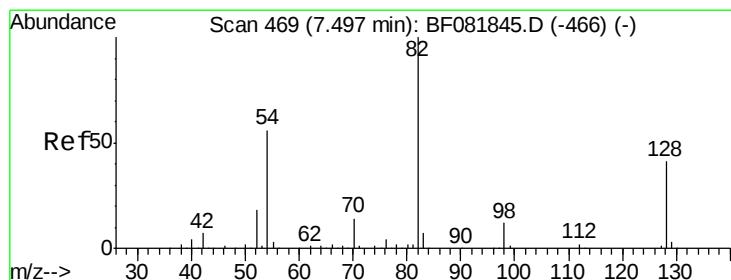
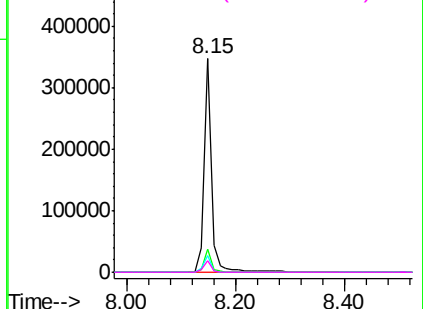
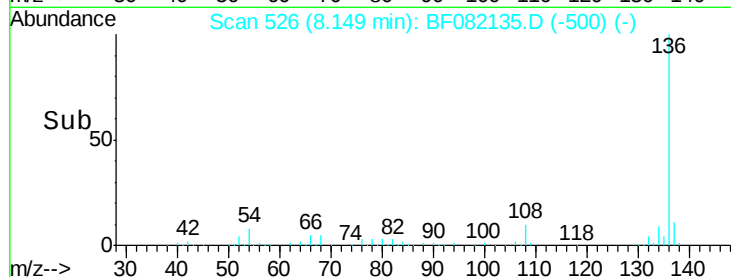
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082135.D
Acq: 8 Oct 2015 19:09

Instrument :
BNA_F
ClientSampleId :
MGP215BR-18-20

Tot Ion:136 Resp: 327708
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.7 8.2 12.2#
68 5.1 5.8 8.6#

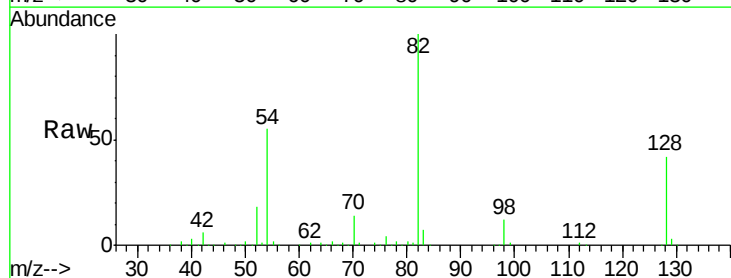


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

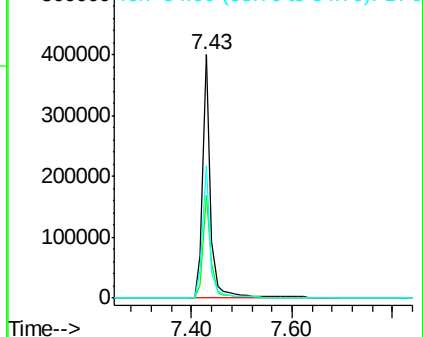
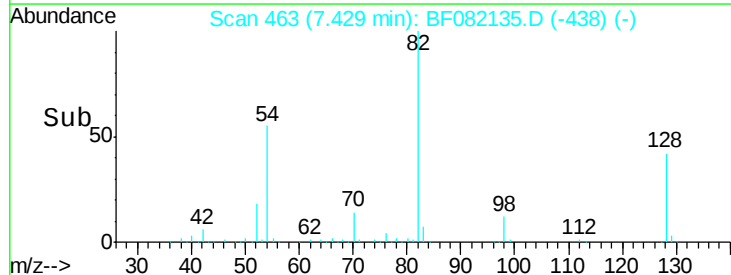


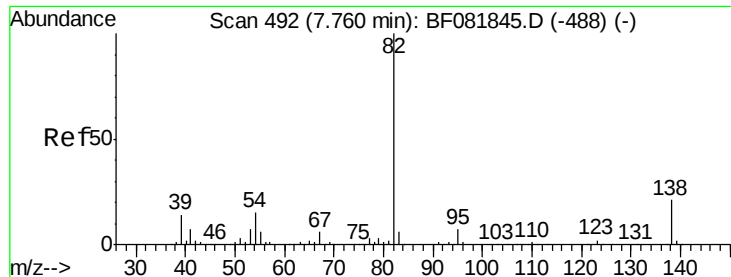
#23
Nitrobenzene-d5
Concen: 91.53 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082135.D
Acq: 8 Oct 2015 19:09

Tgt Ion: 82 Resp: 449973
Ion Ratio Lower Upper
82 100
128 42.4 51.0 76.6#
54 54.5 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 40.54 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

MGP215BR-18-20

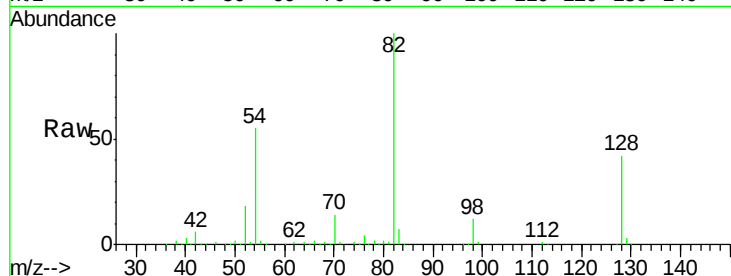
Tot Ion: 82 Resp: 394990

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

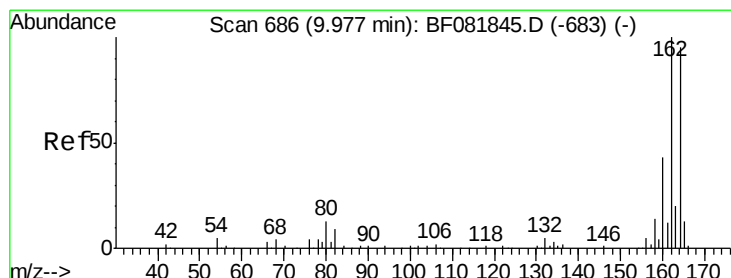
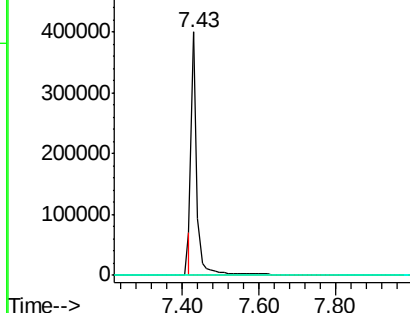
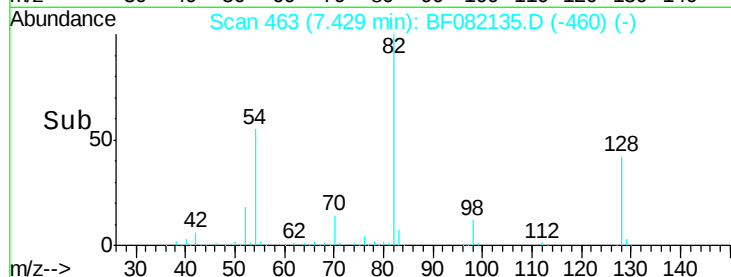
138 0.0 18.3 27.5#



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: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

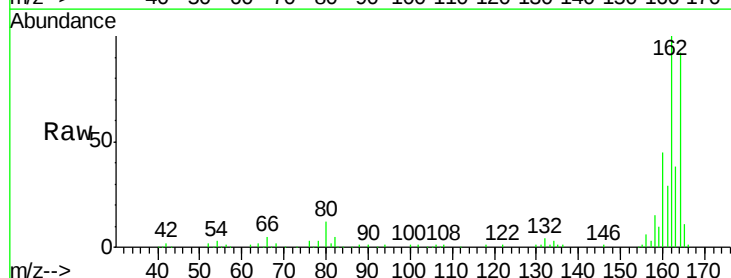
Tgt Ion:164 Resp: 155153

Ion Ratio Lower Upper

164 100

162 108.4 75.2 112.8

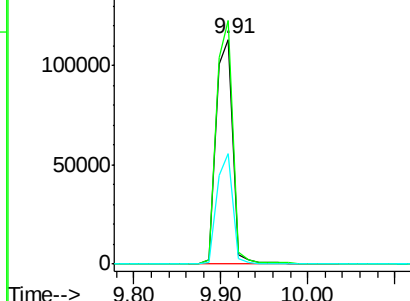
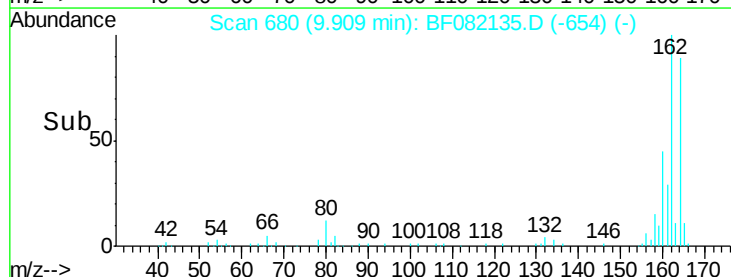
160 48.9 31.5 47.3#



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

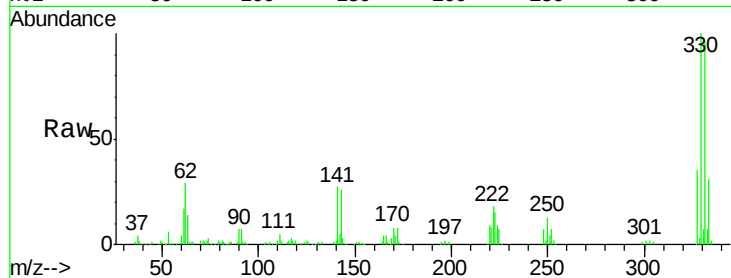




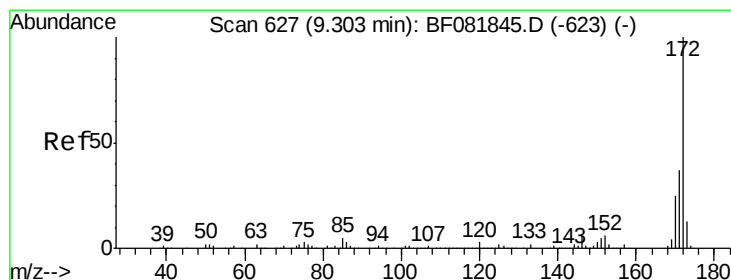
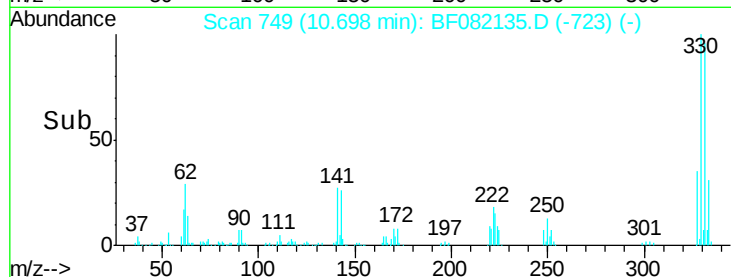
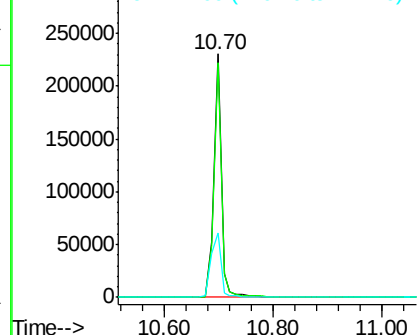
#41
 2,4,6-Tribromophenol
 Concen: 142.42 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082135.D
 Acq: 8 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-18-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	34.8	29.7	44.5

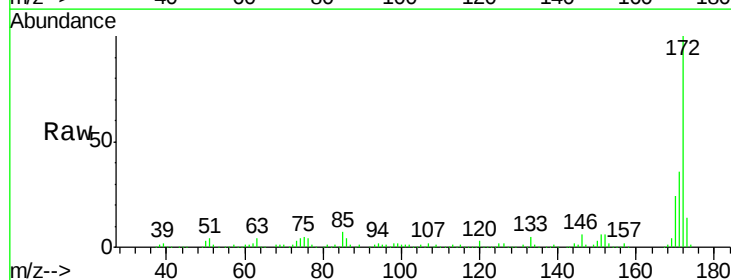


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

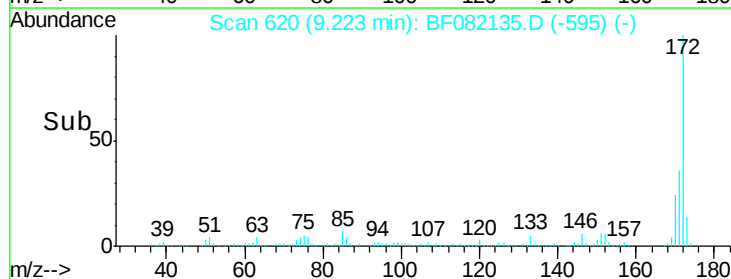
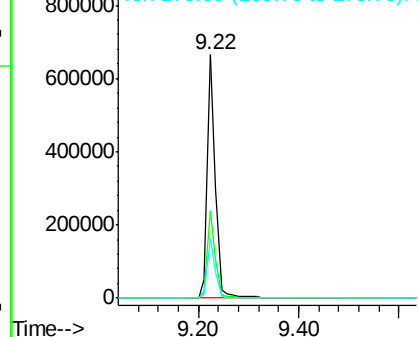


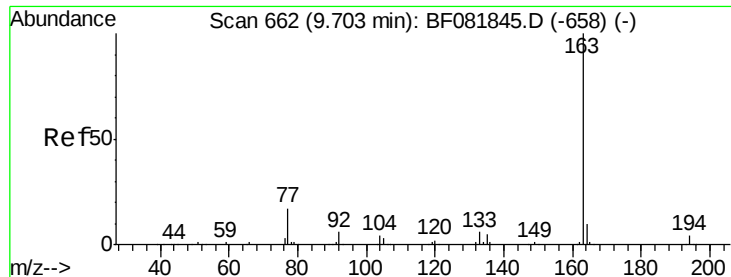
#44
 2-Fluorobiphenyl
 Concen: 80.64 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082135.D
 Acq: 8 Oct 2015 19:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.1	39.1
170	24.5	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: 17.34 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

MGP215BR-18-20

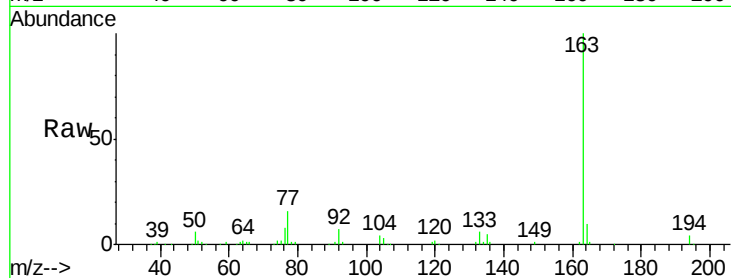
Tot Ion:163 Resp: 185689

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

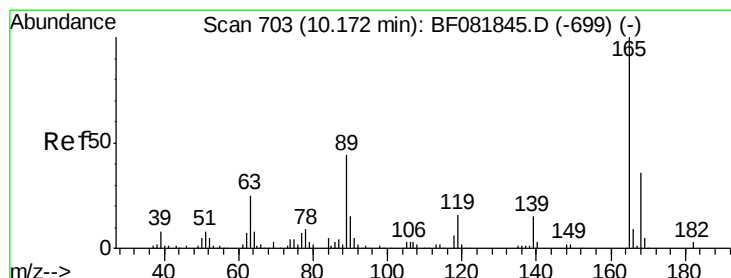
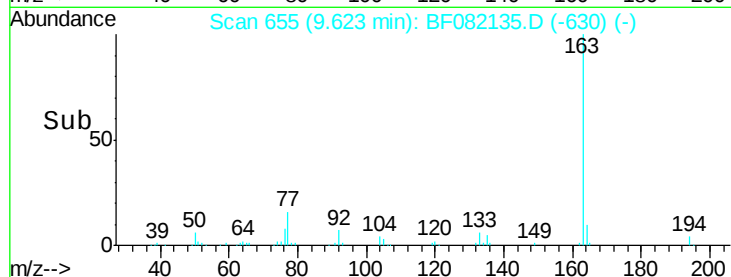
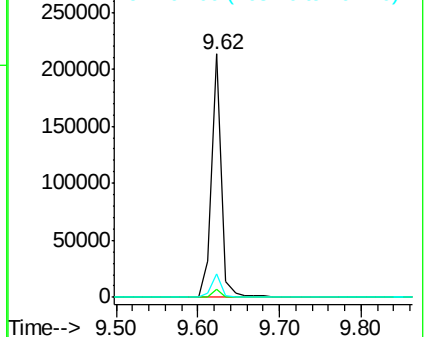
164 9.9 8.3 12.5



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: 6.56 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.19 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

Tgt Ion:165 Resp: 19443

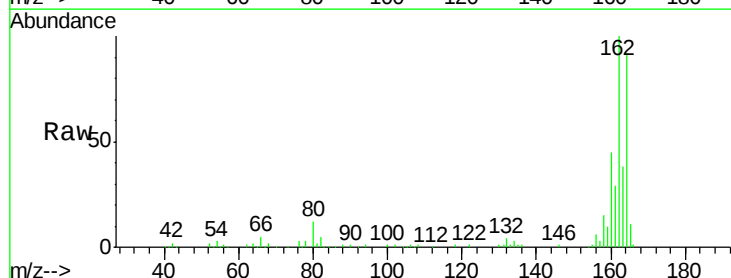
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

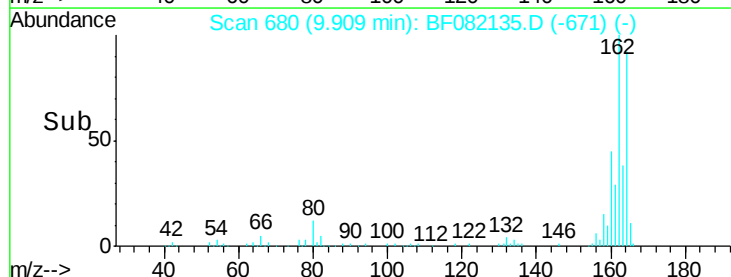
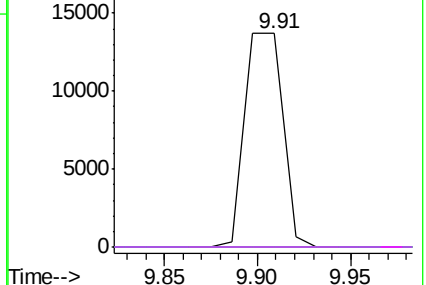


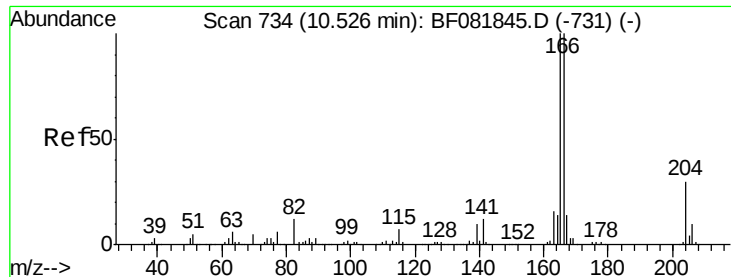
Abundance Ion 165.00 (164.70 to 165.70): E

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

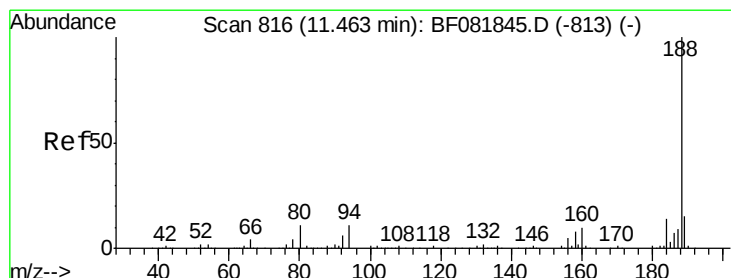
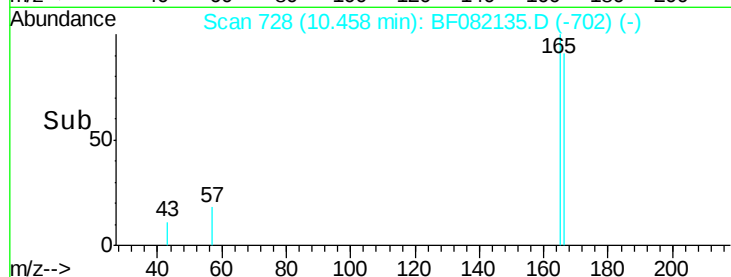
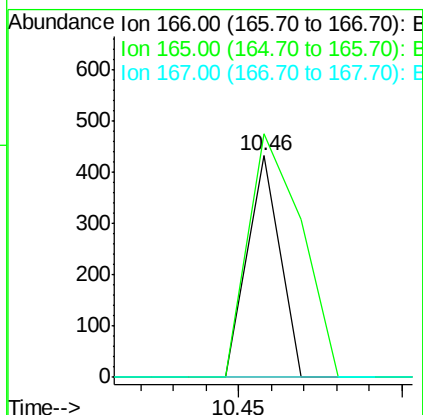
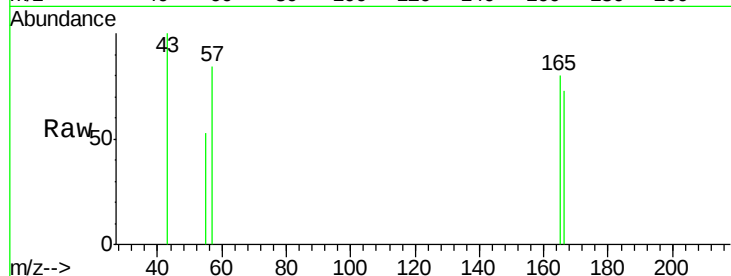




#57
Fluorene
 Concen: Below Cal
 RT: 10.46 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF082135.D
 Acq: 8 Oct 2015 19:09

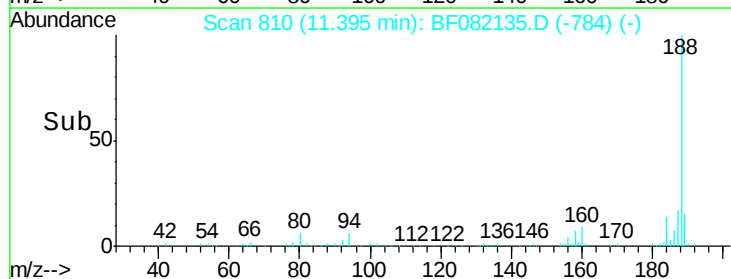
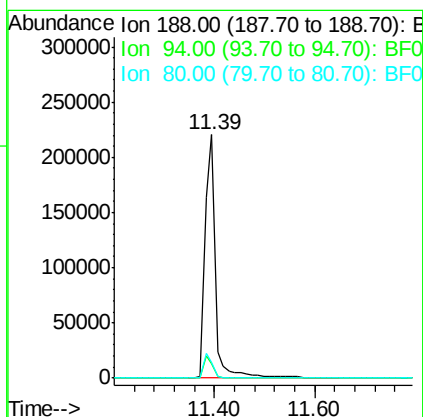
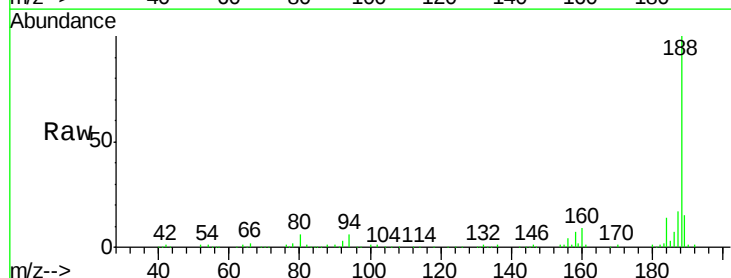
Instrument :
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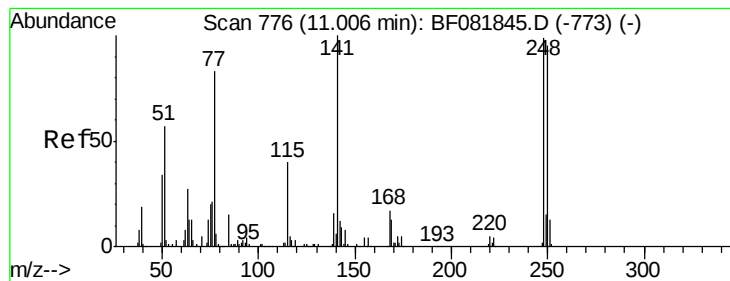
Tot Ion:166 Resp: 296
 Ion Ratio Lower Upper
 166 100
 165 110.0 72.6 109.0#
 167 0.0 10.6 16.0#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082135.D
 Acq: 8 Oct 2015 19:09

Tgt Ion:188 Resp: 314398
 Ion Ratio Lower Upper
 188 100
 94 5.9 11.1 16.7#
 80 6.3 11.0 16.4#





#66

4-Bromophenyl-phenylether

Concen: 4.78 ng

RT: 10.70 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

Instrument :

BNA_F

ClientSampleId :

MGP215BR-18-20

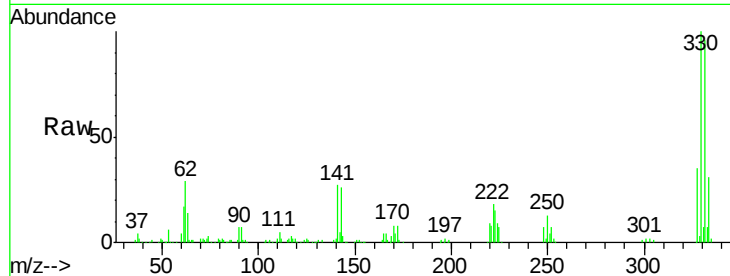
Tot Ion:248 Resp: 15140

Ion Ratio Lower Upper

248 100

250 201.6 78.5 117.7#

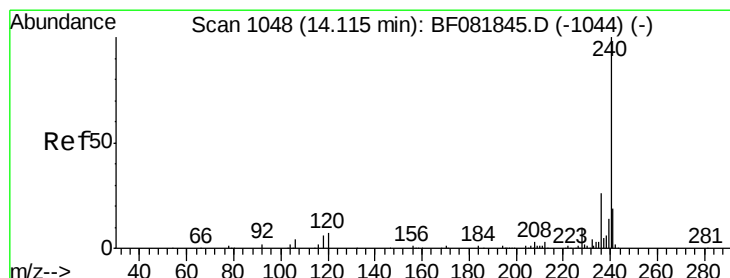
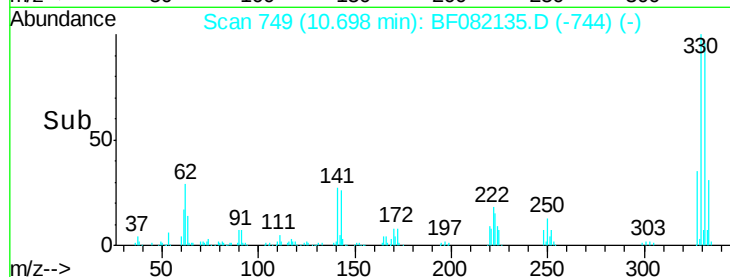
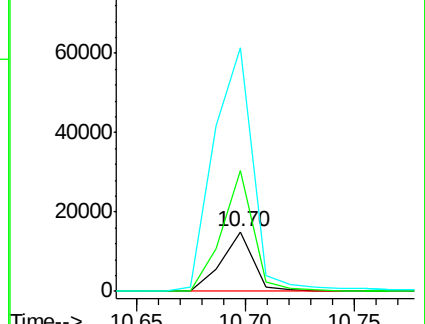
141 407.9 59.0 88.6#



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: 14.02 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF082135.D

Acq: 8 Oct 2015 19:09

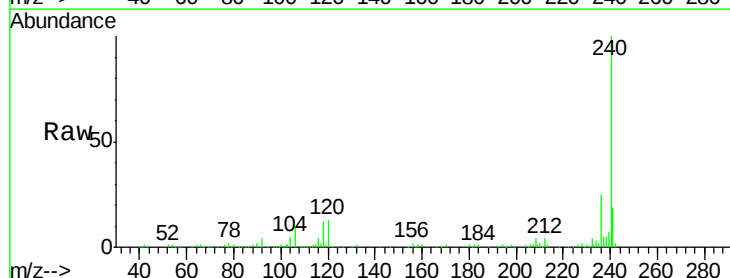
Tgt Ion:240 Resp: 286683

Ion Ratio Lower Upper

240 100

120 13.2 16.2 24.2#

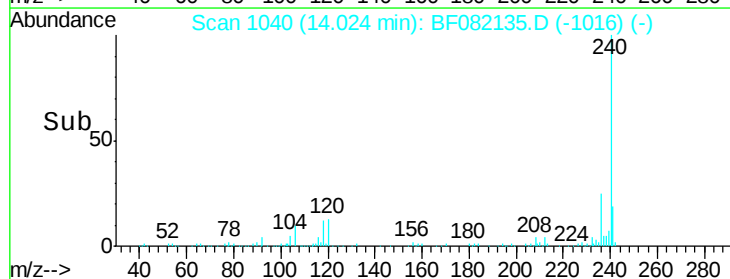
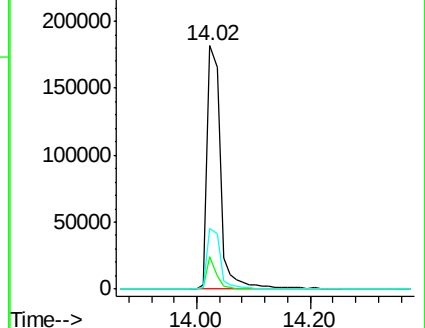
236 24.7 18.4 27.6

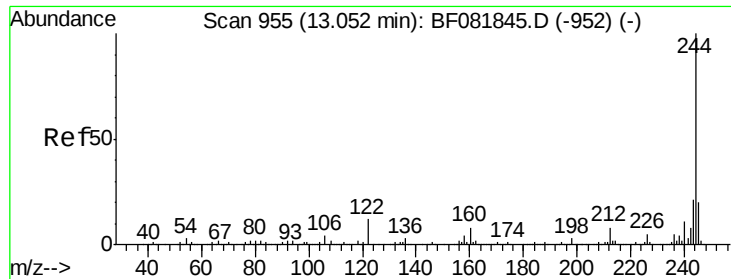


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

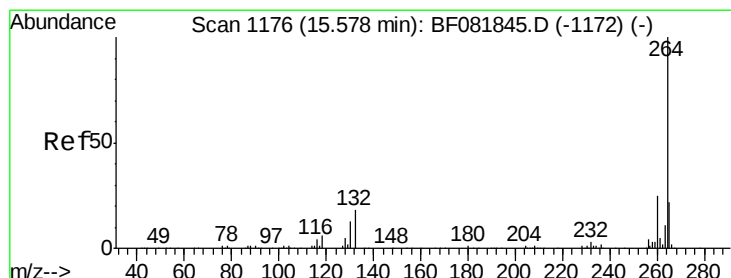
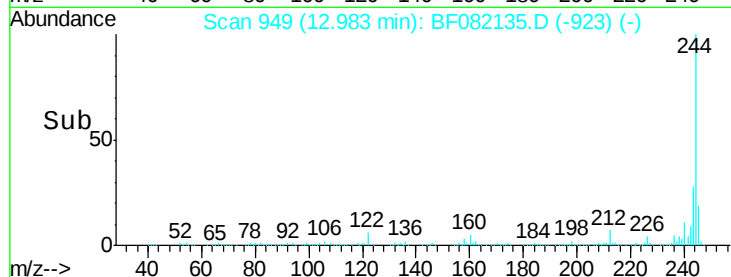
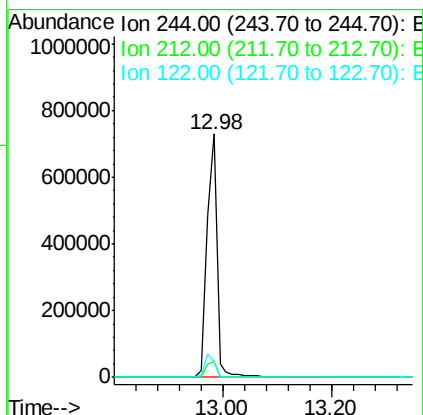
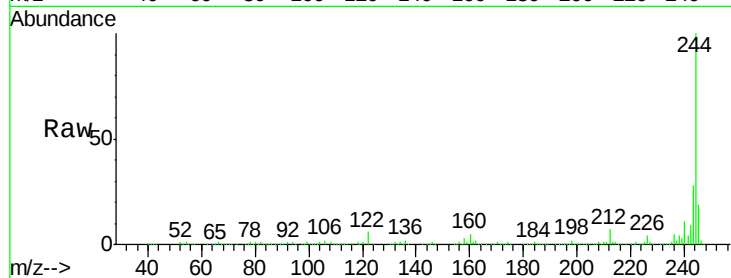




#78
 Terphenyl-d14
 Concen: 114.33 ng
 RT: 12.98 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF082135.D
 Acq: 8 Oct 2015 19:09

Instrument :
 BNA_F
 ClientSampleId :
 MGP215BR-18-20

Tot Ion:244 Resp: 920371
 Ion Ratio Lower Upper
 244 100
 212 6.7 4.3 6.5#
 122 6.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF082135.D
 Acq: 8 Oct 2015 19:09

Tgt Ion:264 Resp: 216505
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 20.3 17.2 25.8

