

Data Path : Z:\HPCHEM1\BNA_F\Data\BF081815\
 Data File : BF081080.D
 Acq On : 19 Aug 2015 12:12
 Operator : UM/IZ
 Sample : G3290-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-1

Quant Time: Aug 19 13:34:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

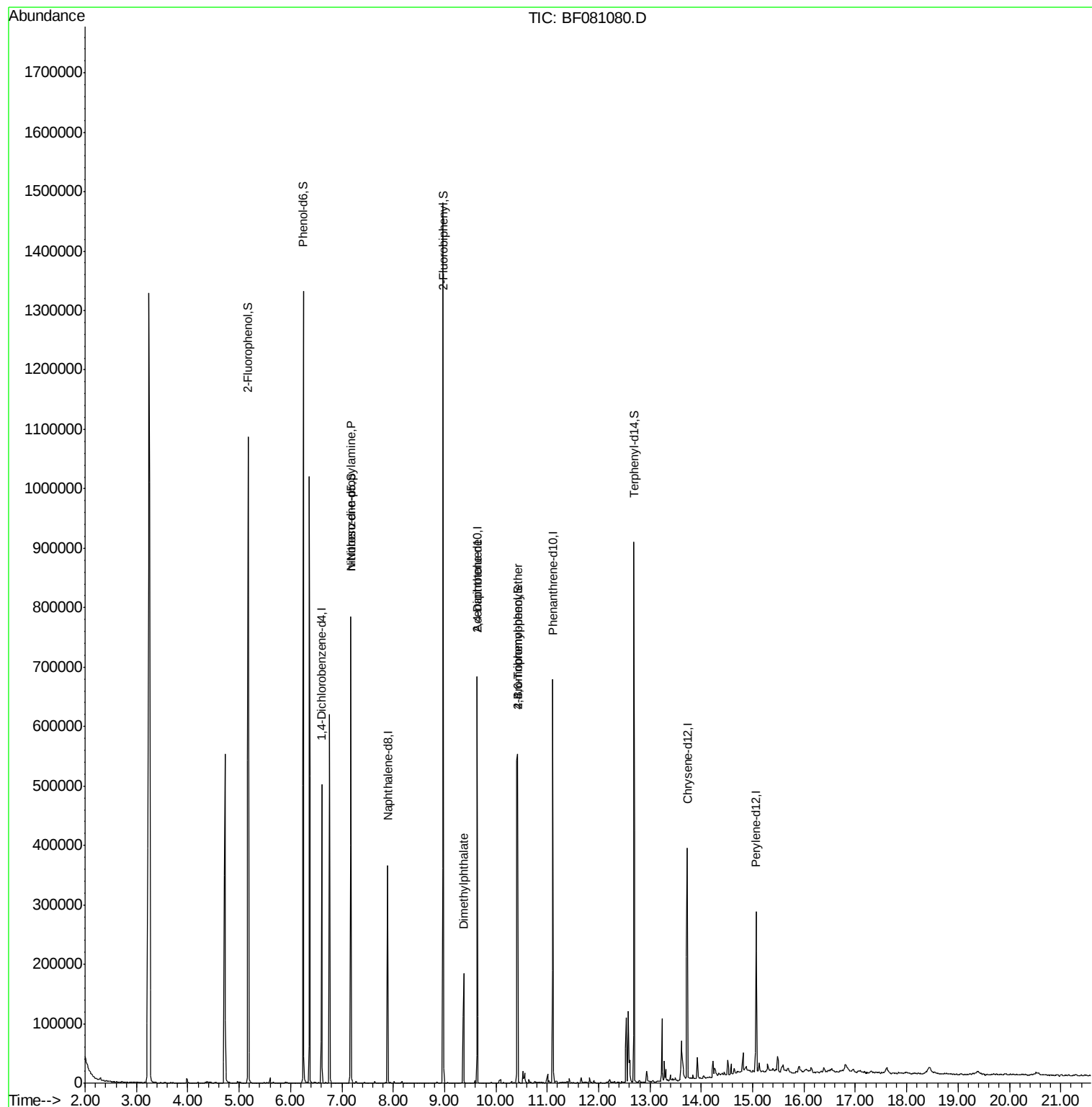
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	65349	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	243441	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	121290	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	244341	20.00	ng	-0.02
75) Chrysene-d12	13.73	240	153170	20.00	ng	-0.02
86) Perylene-d12	15.06	264	130889	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	297536	68.48	ng	-0.01
7) Phenol-d6	6.25	99	428276	75.55	ng	-0.01
23) Nitrobenzene-d5	7.18	82	279825	52.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	80440	76.51	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	425830	46.00	ng	-0.02
78) Terphenyl-d14	12.69	244	313128	43.83	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	36188	9.22	ng	# 66
49) Dimethylphthalate	9.37	163	91078	9.12	ng	# 99
56) 2,4-Dinitrotoluene	9.63	165	15686	5.52	ng	# 18
66) 4-Bromophenyl-phenylether	10.42	248	5961	2.48	ng	# 1

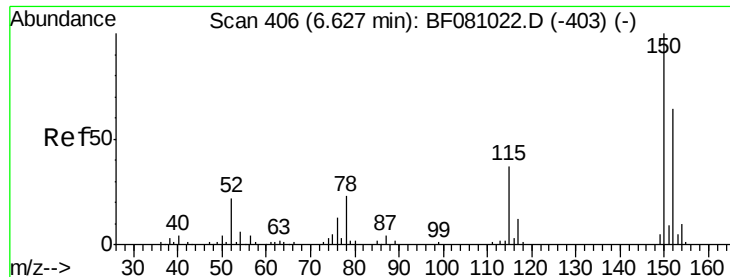
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-1

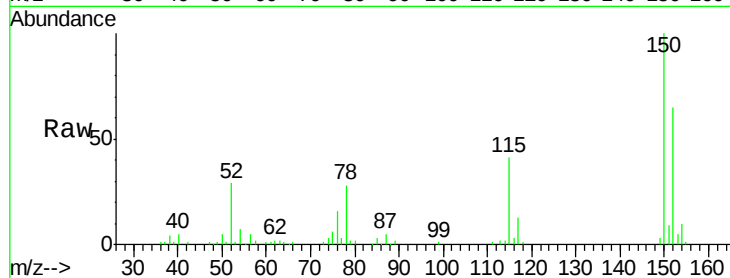
Tgt Ion:152 Resp: 65349

Ion Ratio Lower Upper

152 100

150 153.7 123.8 185.6

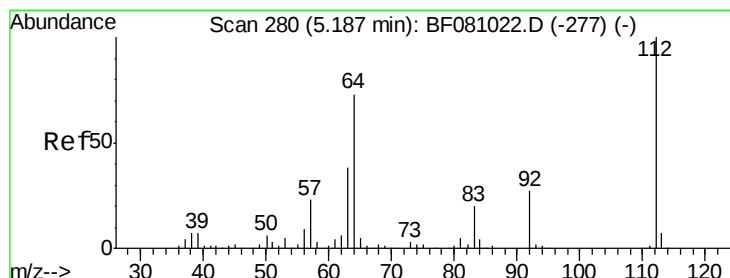
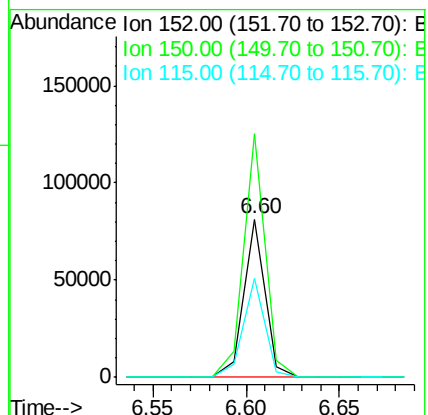
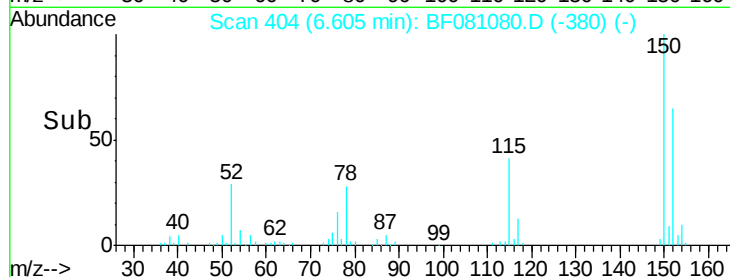
115 62.8 52.1 78.1



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: 68.48 ng

RT: 5.18 min Scan# 279

Delta R.T. -0.01 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

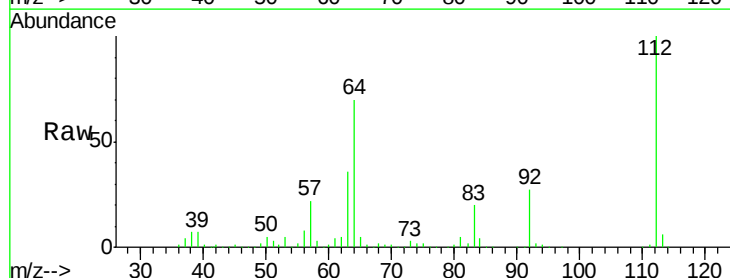
Tgt Ion:112 Resp: 297536

Ion Ratio Lower Upper

112 100

64 69.6 66.9 100.3

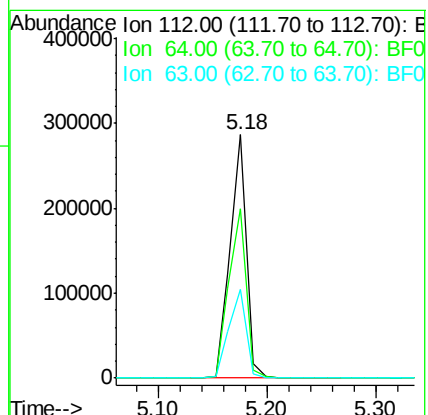
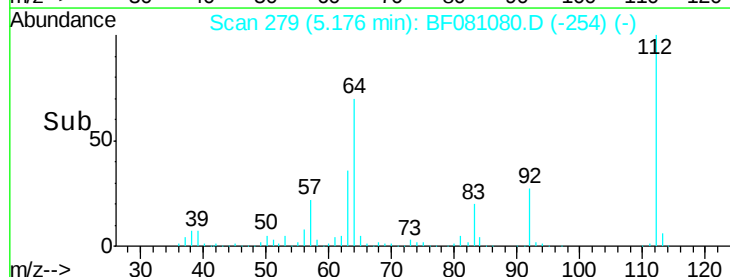
63 36.3 38.1 57.1#



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: 75.55 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-1

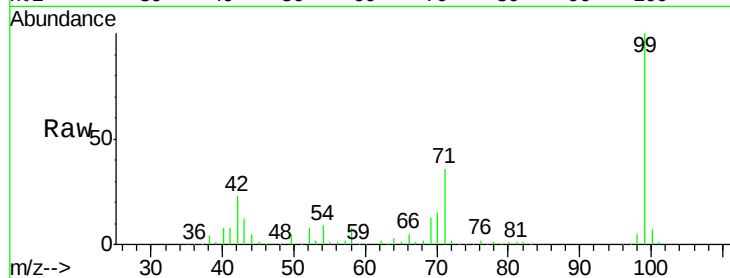
Tgt Ion: 99 Resp: 428276

Ion Ratio Lower Upper

99 100

42 22.5 19.6 29.4

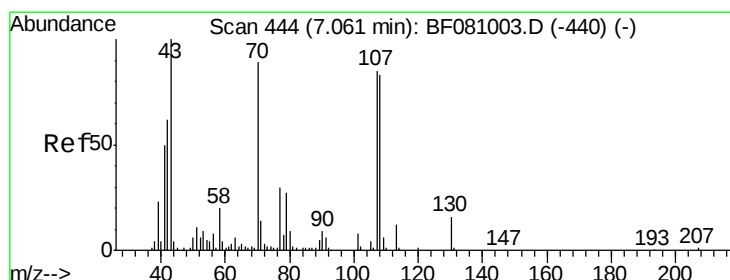
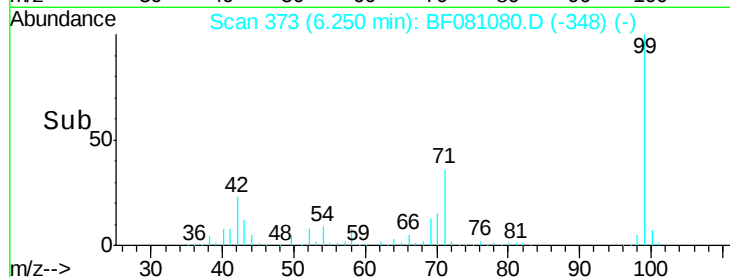
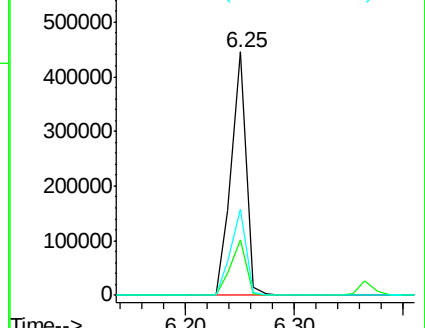
71 35.6 31.2 46.8



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: 9.22 ng

RT: 7.18 min Scan# 454

Delta R.T. 0.13 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

Tgt Ion: 70 Resp: 36188

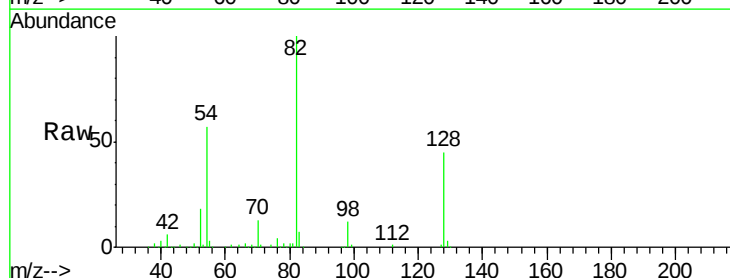
Ion Ratio Lower Upper

70 100

42 50.6 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

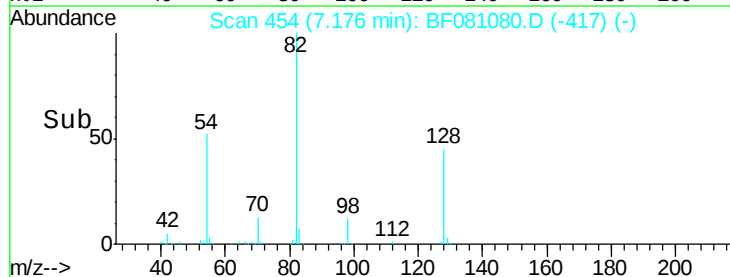
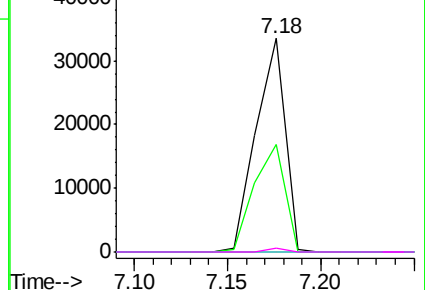


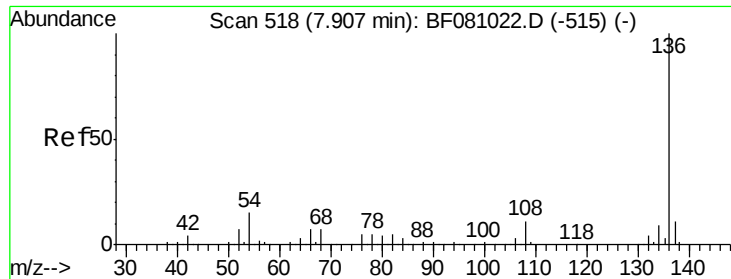
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

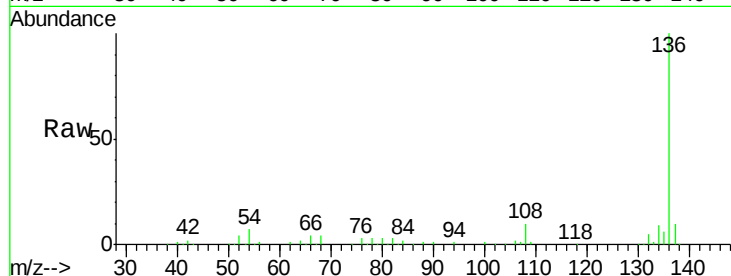




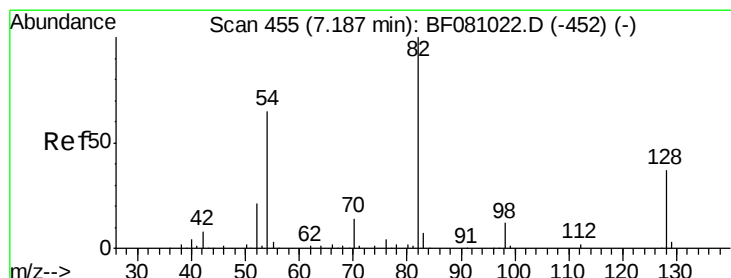
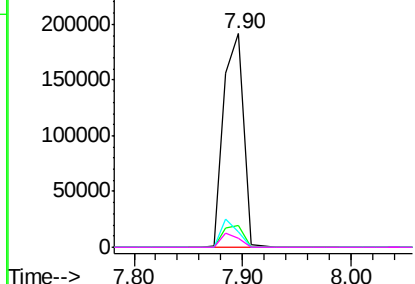
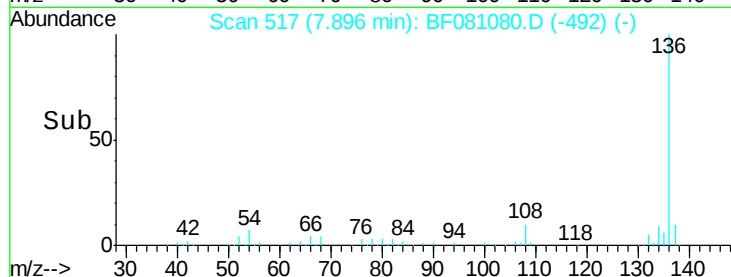
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081080.D
Acq: 19 Aug 2015 12:12

Instrument :
BNA_F
ClientSampleId :
2A(0-2)-1

Tgt Ion: 136 Resp: 243441
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.4 7.7 11.5#
68 4.3 3.4 5.2

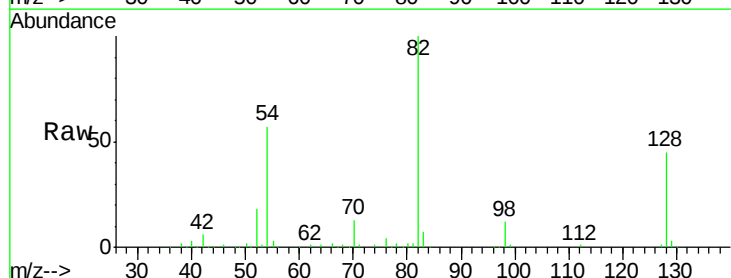


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

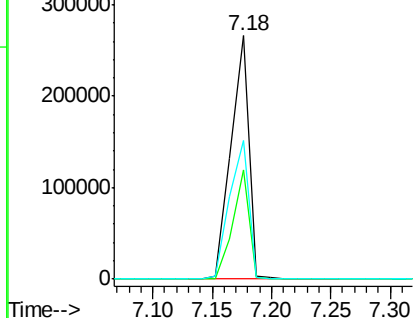
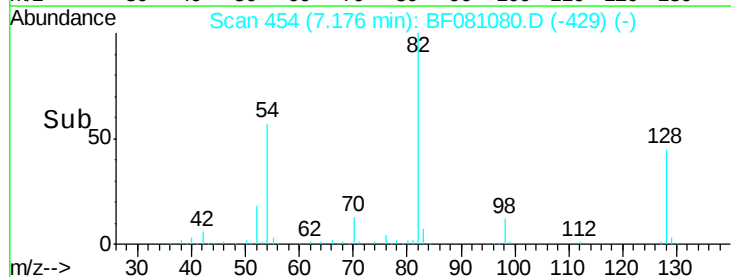


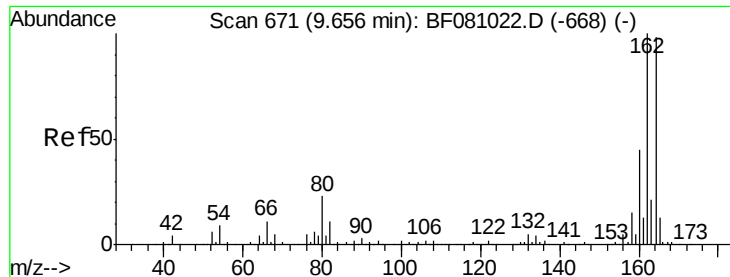
#23
Nitrobenzene-d5
Concen: 52.51 ng
RT: 7.18 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081080.D
Acq: 19 Aug 2015 12:12

Tgt Ion: 82 Resp: 279825
Ion Ratio Lower Upper
82 100
128 44.9 28.6 42.8#
54 56.7 55.1 82.7



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.63 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-1

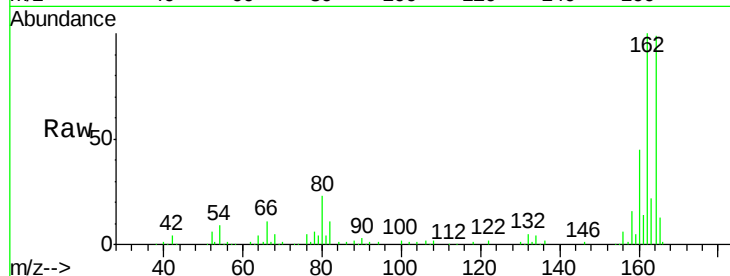
Tgt Ion:164 Resp: 121290

Ion Ratio Lower Upper

164 100

162 100.9 83.8 125.8

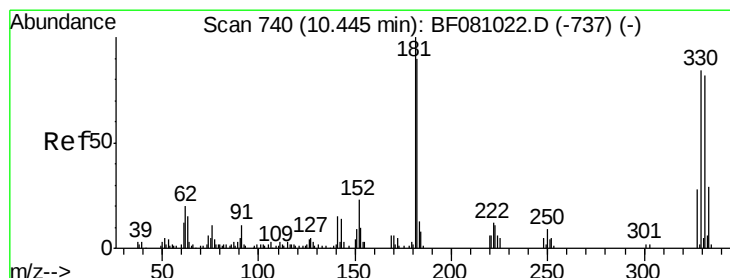
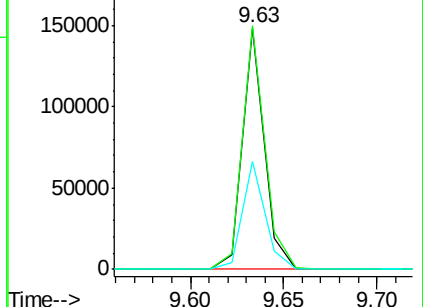
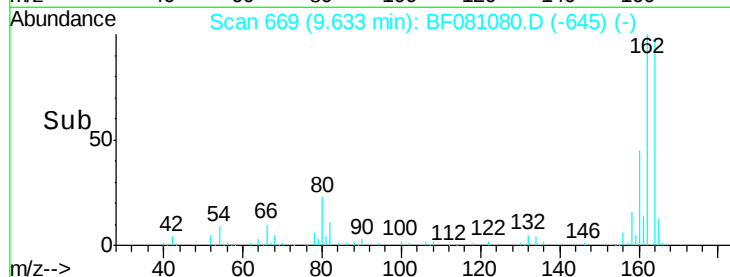
160 45.0 39.8 59.8



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: 76.51 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

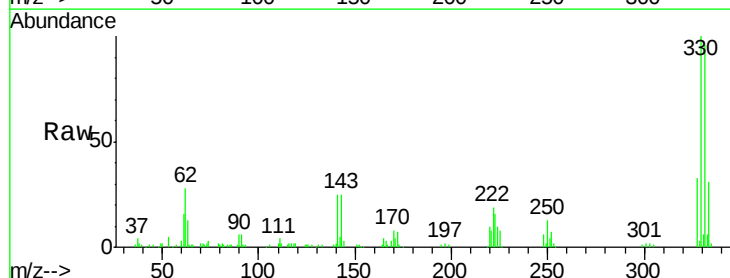
Tgt Ion:330 Resp: 80440

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

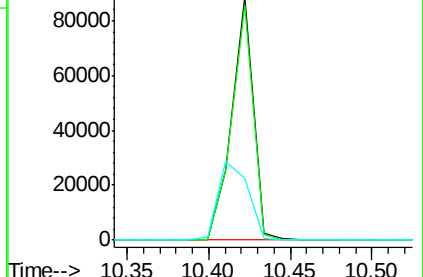
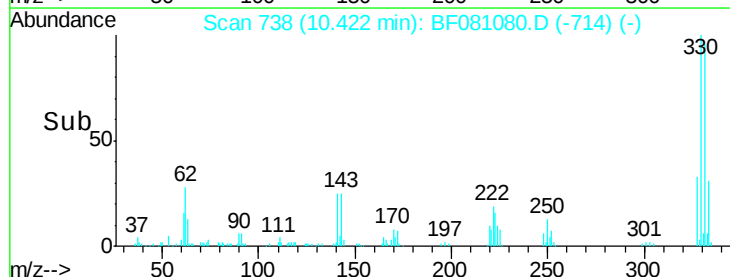
141 44.7 44.9 67.3#

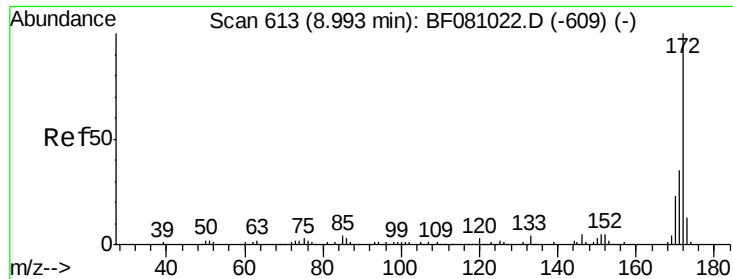


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

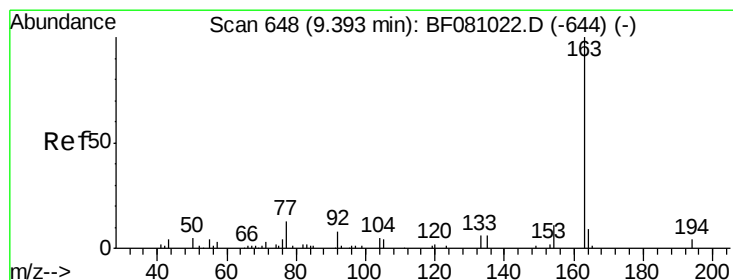
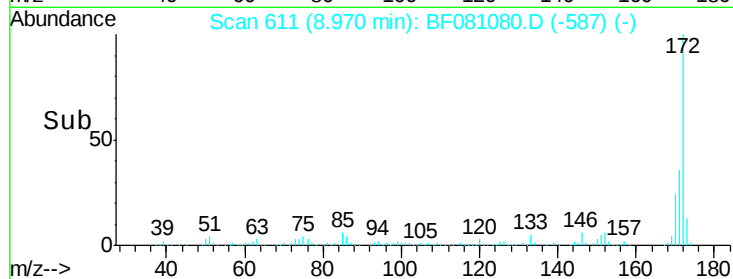
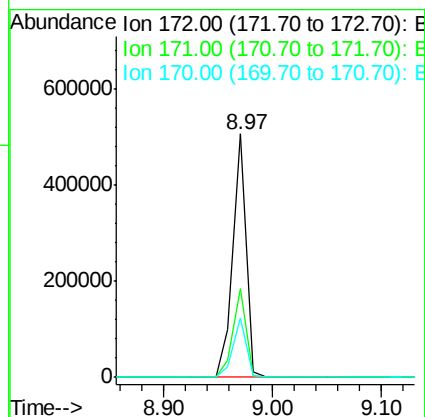
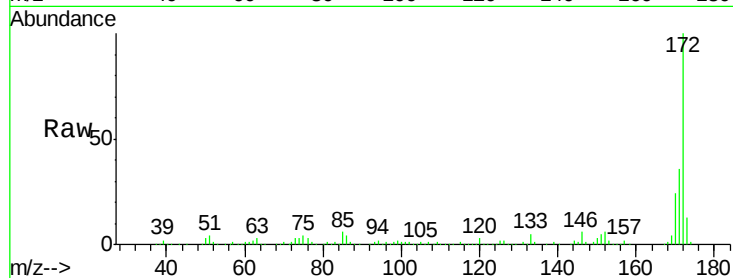




#44
 2-Fluorobiphenyl
 Concen: 46.00 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081080.D
 Acq: 19 Aug 2015 12:12

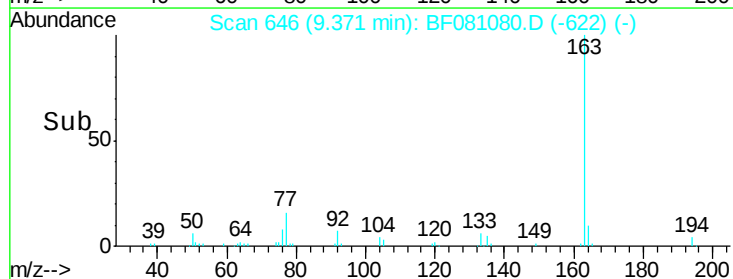
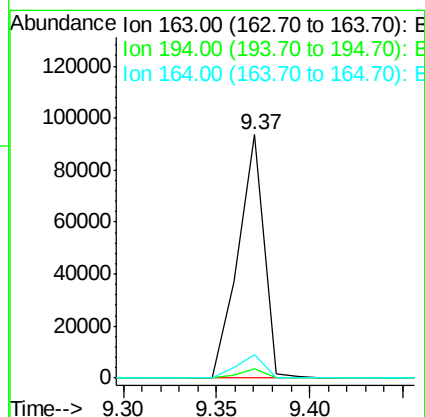
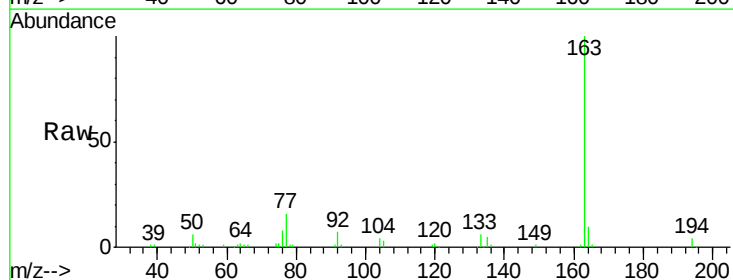
Instrument :
 BNA_F
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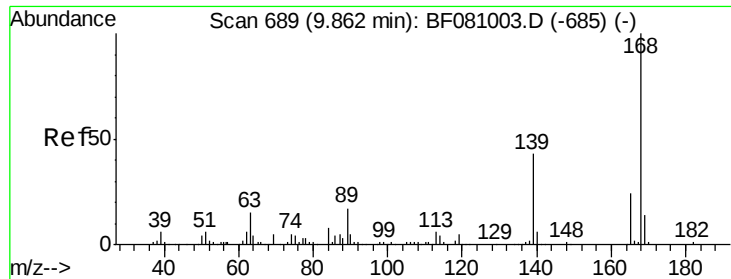
Tgt Ion:172 Resp: 425830
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 24.2 19.4 29.2



#49
 Dimethylphthalate
 Concen: 9.12 ng
 RT: 9.37 min Scan# 646
 Delta R.T. -0.02 min
 Lab File: BF081080.D
 Acq: 19 Aug 2015 12:12

Tgt Ion:163 Resp: 91078
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.5 3.7#
 164 9.8 8.1 12.1

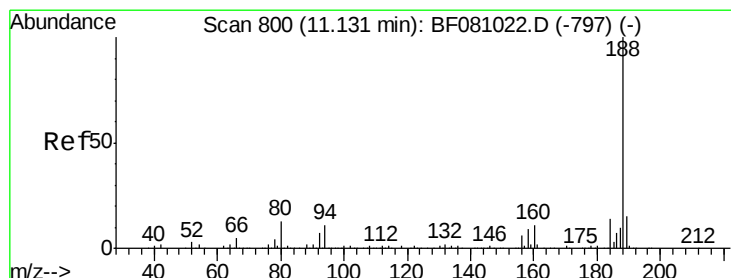
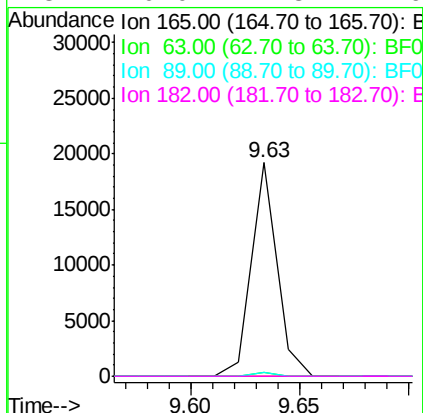
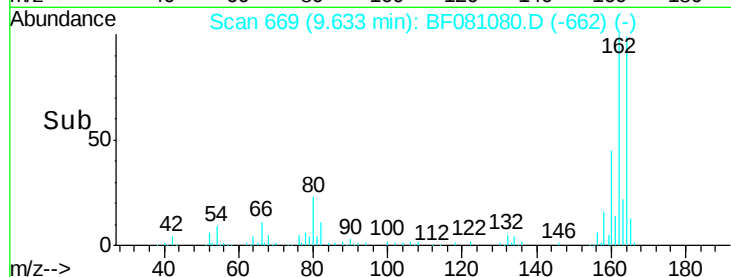
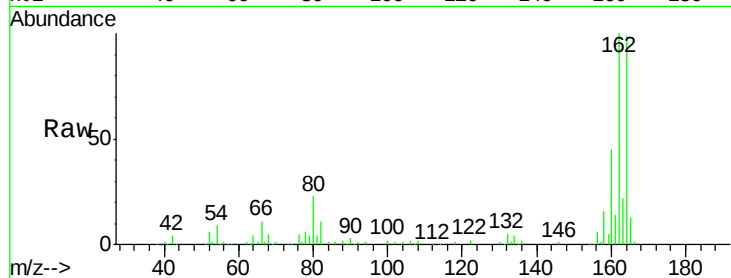




#56
 2,4-Dinitrotoluene
 Concen: 5.52 ng
 RT: 9.63 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF081080.D
 Acq: 19 Aug 2015 12:12

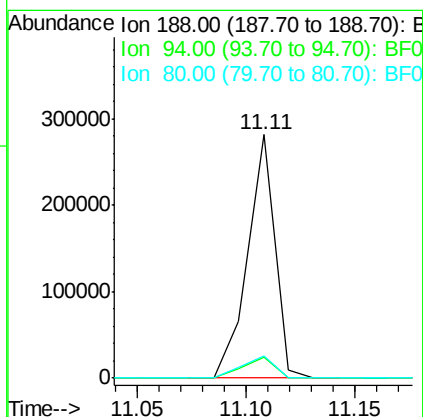
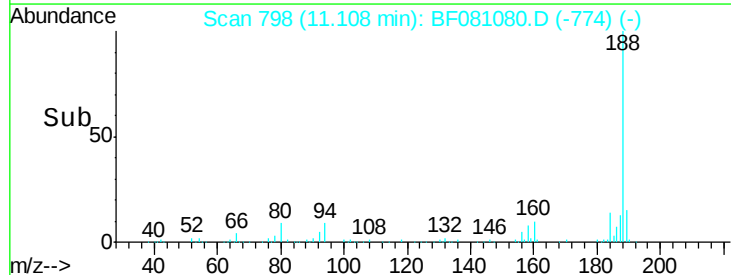
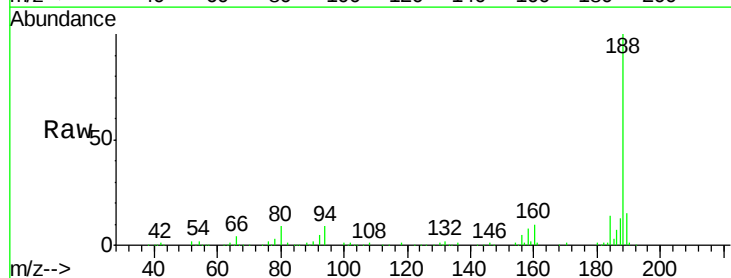
Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-1

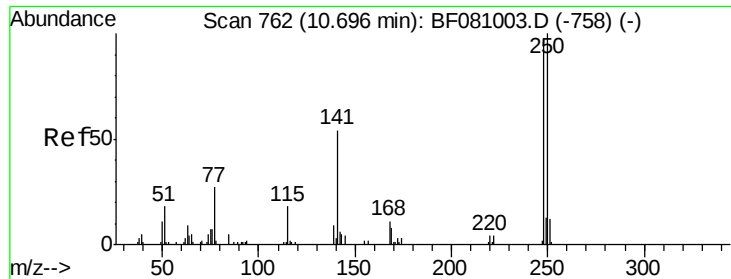
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.2	78.4#
89	1.6	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081080.D
 Acq: 19 Aug 2015 12:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	8.9	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 2.48 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-1

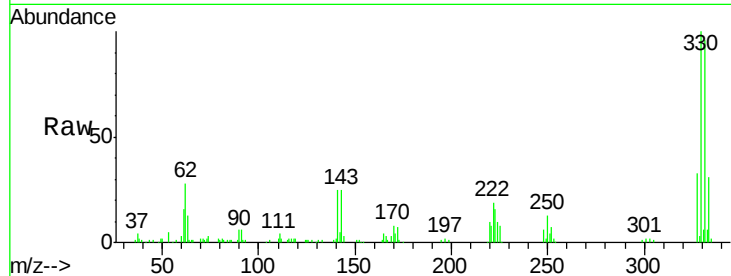
Tgt Ion:248 Resp: 5961

Ion Ratio Lower Upper

248 100

250 198.5 77.8 116.6#

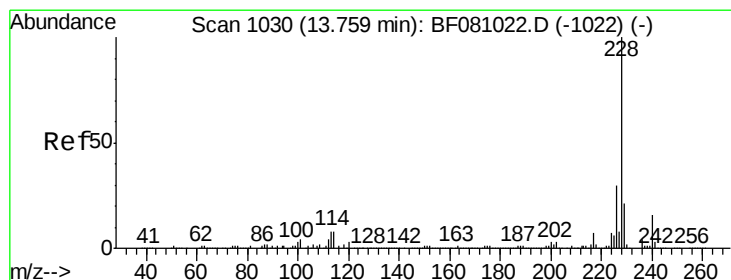
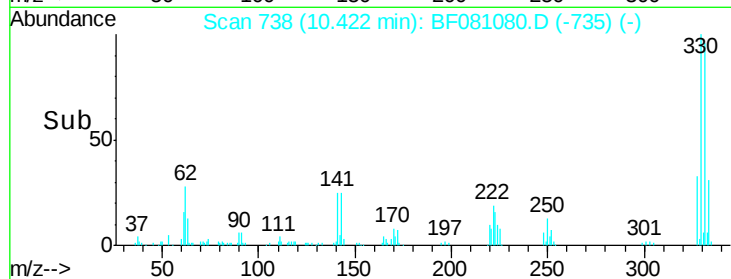
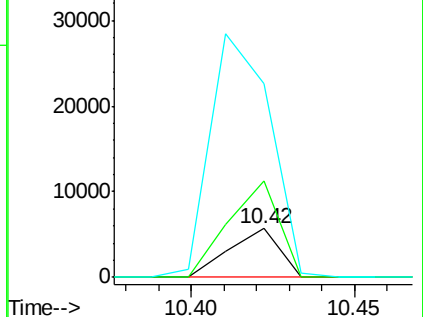
141 396.8 39.8 59.6#



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: 13.73 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF081080.D

Acq: 19 Aug 2015 12:12

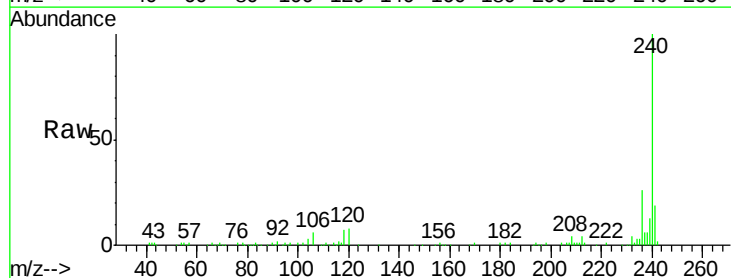
Tgt Ion:240 Resp: 153170

Ion Ratio Lower Upper

240 100

120 8.0 5.6 8.4

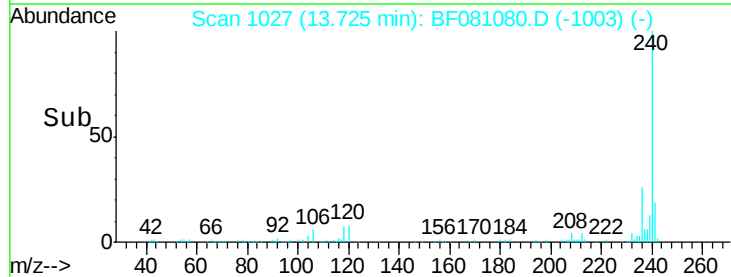
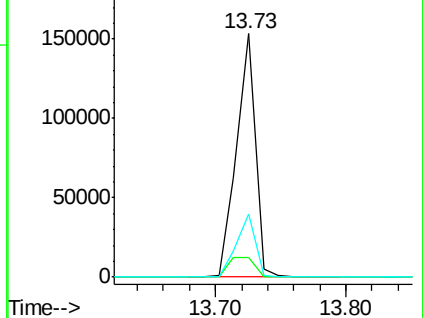
236 25.8 20.6 30.8

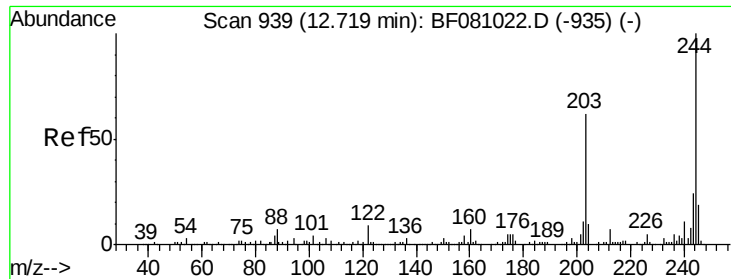


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

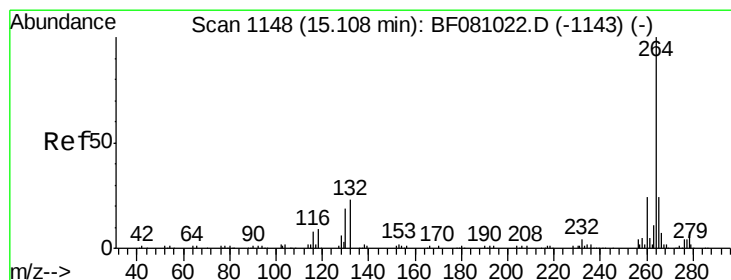
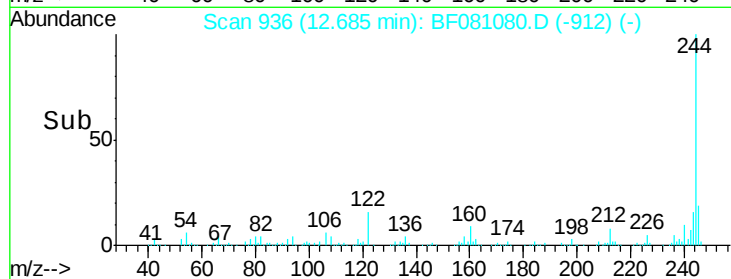
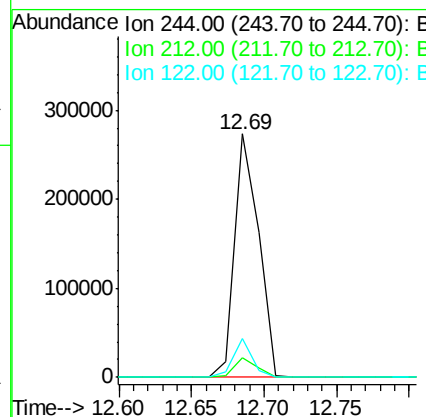
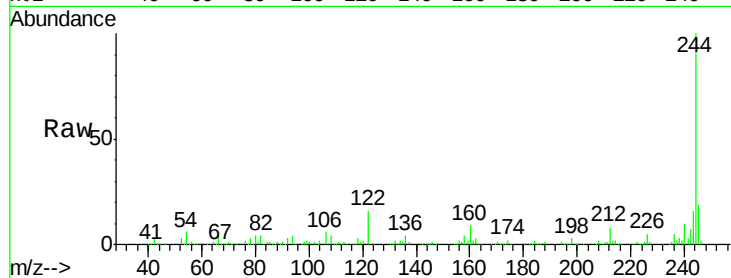




#78
 Terphenyl-d14
 Concen: 43.83 ng
 RT: 12.69 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF081080.D
 Acq: 19 Aug 2015 12:12

Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-1

Tgt Ion:244 Resp: 313128
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 16.0 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1144
 Delta R.T. -0.03 min
 Lab File: BF081080.D
 Acq: 19 Aug 2015 12:12

Tgt Ion:264 Resp: 130889
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.8 17.5 26.3

