

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062215\
 Data File : BF080126.D
 Acq On : 23 Jun 2015 8:41
 Operator : TP/IZ
 Sample : G2716-17
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-3

Quant Time: Jun 23 11:15:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

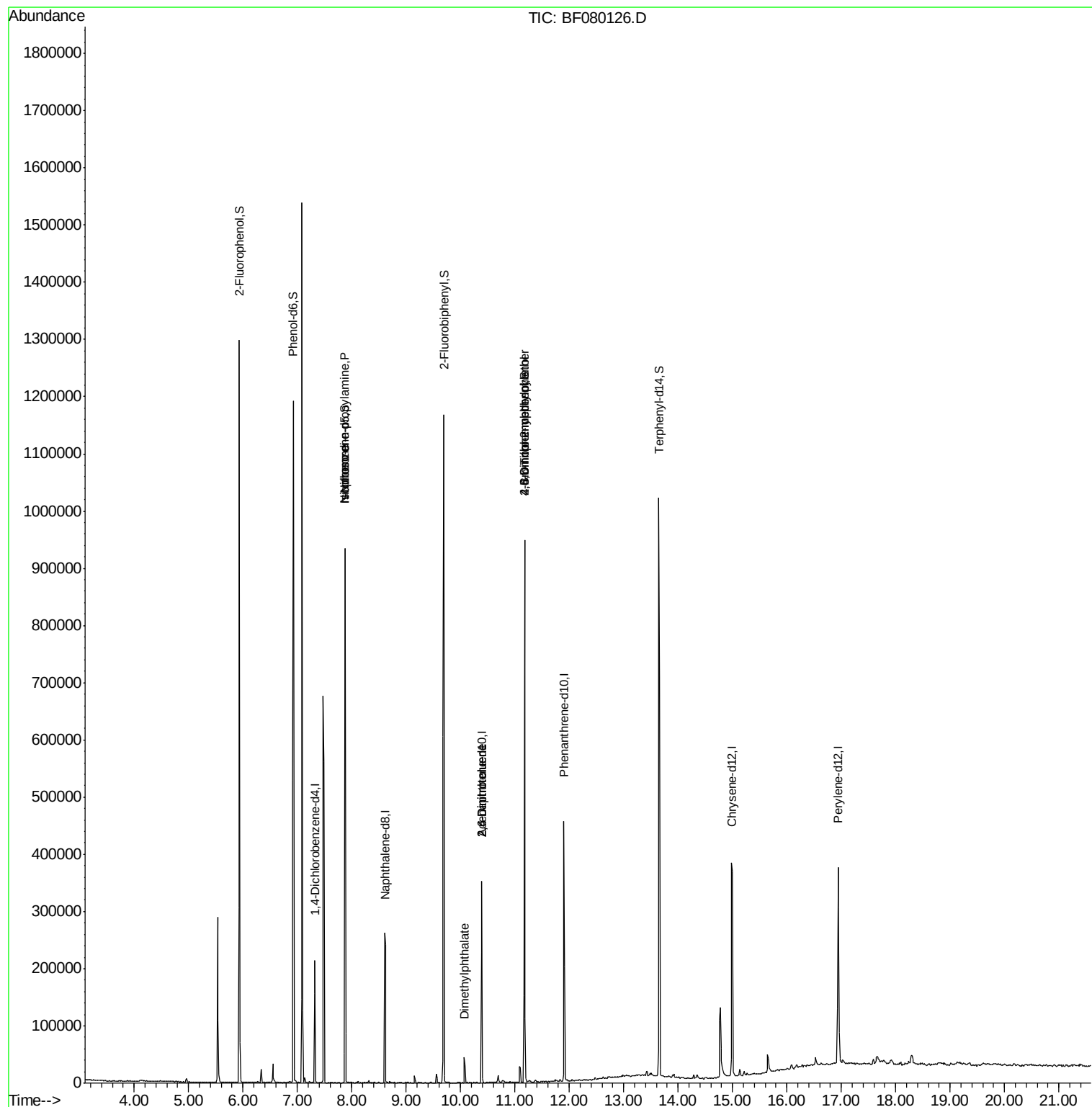
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	42386	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	171033	20.00	ng	0.00
38) Acenaphthene-d10	10.39	164	88352	20.00	ng	0.00
63) Phenanthrene-d10	11.90	188	187749	20.00	ng	-0.01
75) Chrysene-d12	15.00	240	213018	20.00	ng	0.00
86) Perylene-d12	16.94	264	207344	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	328555	137.21	ng	0.00
7) Phenol-d6	6.93	99	448025	140.61	ng	0.00
23) Nitrobenzene-d5	7.88	82	256914	87.45	ng	0.00
41) 2,4,6-Tribromophenol	11.18	330	99169	114.79	ng	0.00
44) 2-Fluorobiphenyl	9.69	172	437062	70.55	ng	0.00
78) Terphenyl-d14	13.65	244	432877	47.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.88	70	33656	15.21	ng	# 59
25) Isophorone	7.88	82	245208	41.47	ng	# 58
49) Dimethylphthalate	10.08	163	25490	3.84	ng	# 97
50) 2,6-Dinitrotoluene	10.39	165	10793	8.11	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	10794	6.39	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.18	198	269	3.83	ng	# 1
66) 4-Bromophenyl-phenylether	11.18	248	7316	3.66	ng	# 1

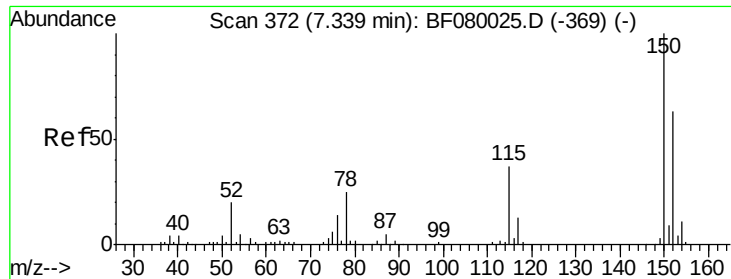
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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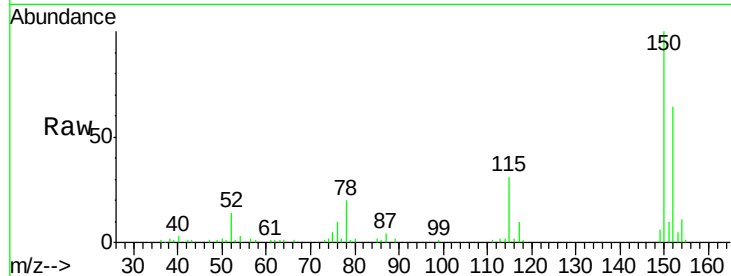




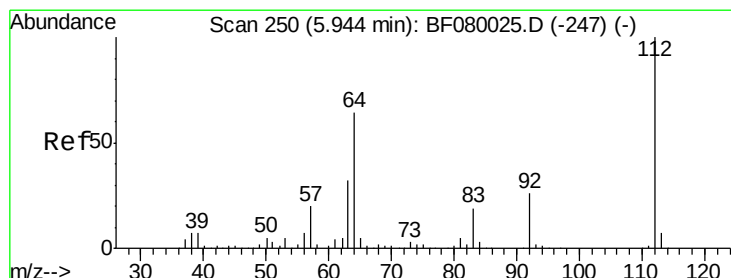
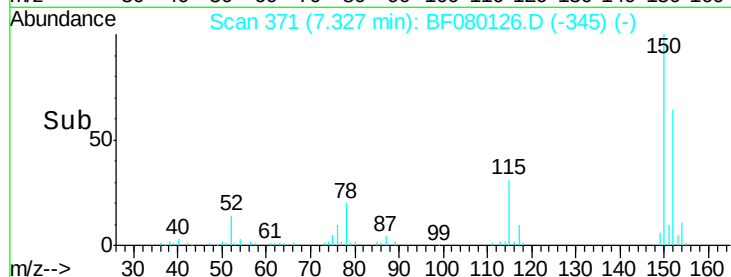
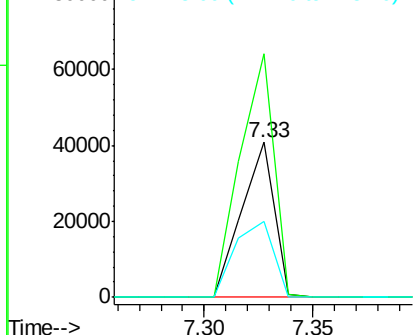
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.33 min Scan# 371
 Delta R.T. -0.00 min
 Lab File: BF080126.D
 Acq: 23 Jun 2015 8:41

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-3

Tgt Ion:152 Resp: 42386
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.7 187.1
 115 49.2 39.0 58.4

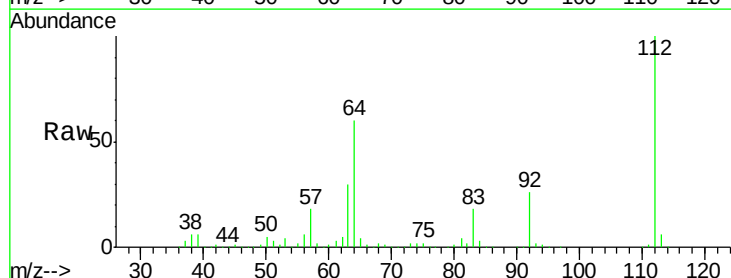


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

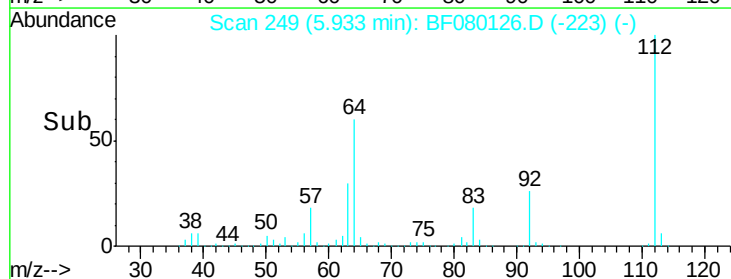
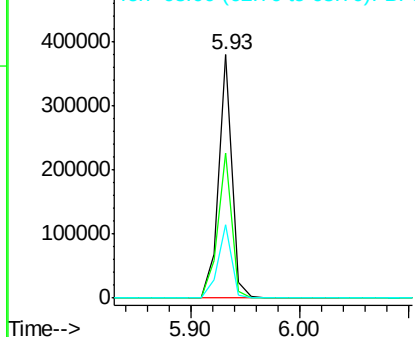


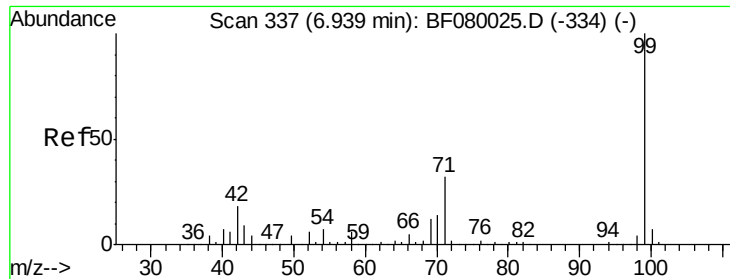
#5
 2-Fluorophenol
 Concen: 137.21 ng
 RT: 5.93 min Scan# 249
 Delta R.T. -0.00 min
 Lab File: BF080126.D
 Acq: 23 Jun 2015 8:41

Tgt Ion:112 Resp: 328555
 Ion Ratio Lower Upper
 112 100
 64 59.7 39.7 59.5#
 63 30.2 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: 140.61 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.00 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-3

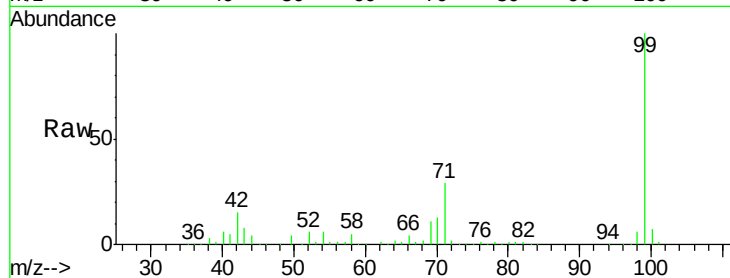
Tgt Ion: 99 Resp: 448025

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

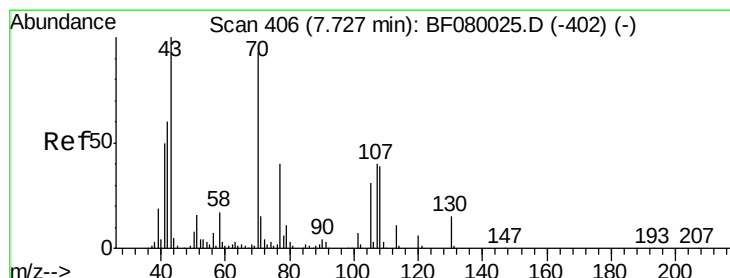
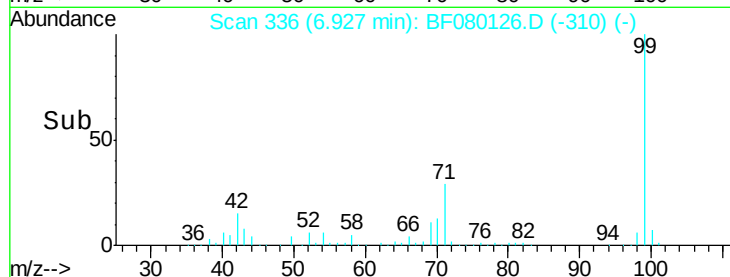
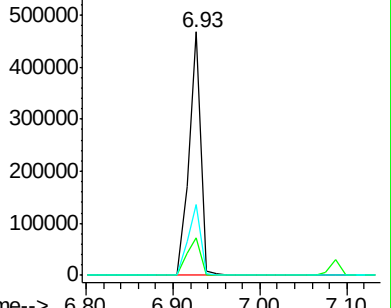
71 28.9 14.2 21.2#



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: 15.21 ng

RT: 7.88 min Scan# 419

Delta R.T. 0.16 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

Tgt Ion: 70 Resp: 33656

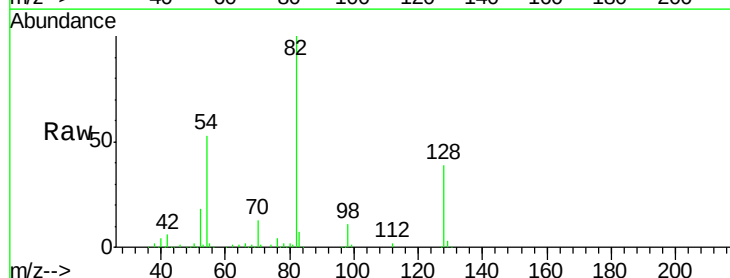
Ion Ratio Lower Upper

70 100

42 48.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

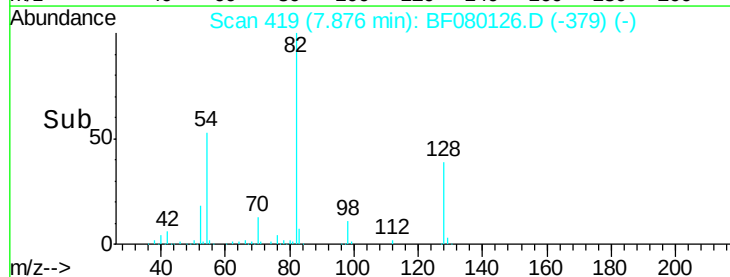
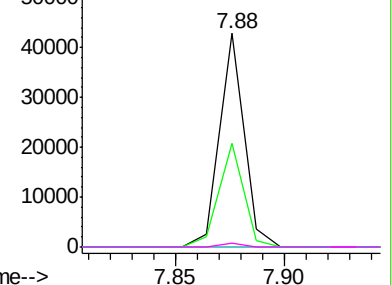


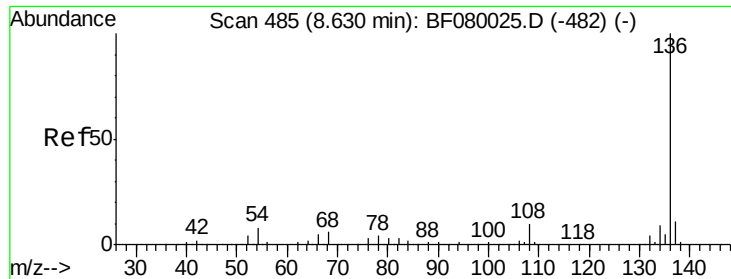
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

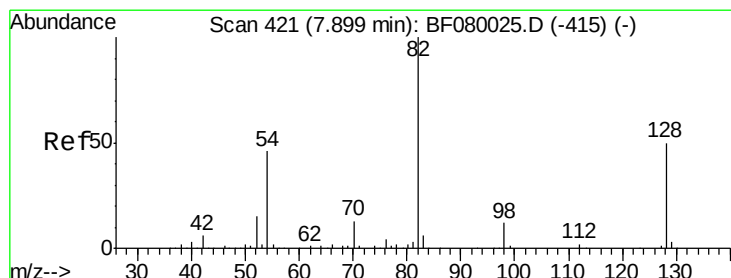
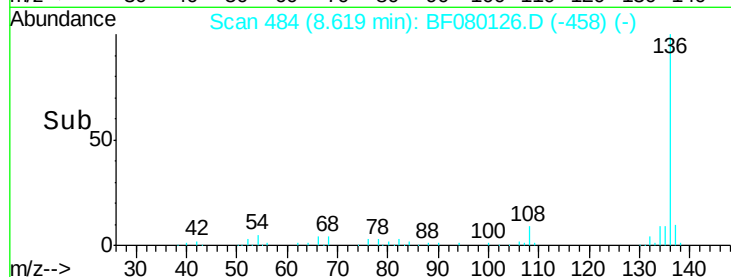
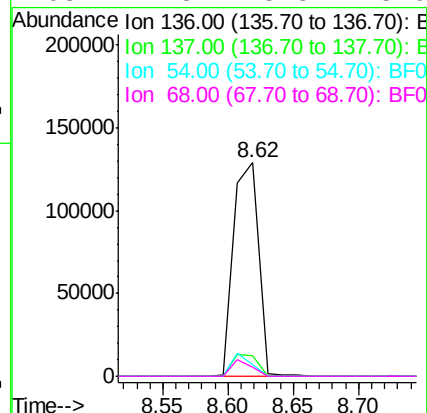
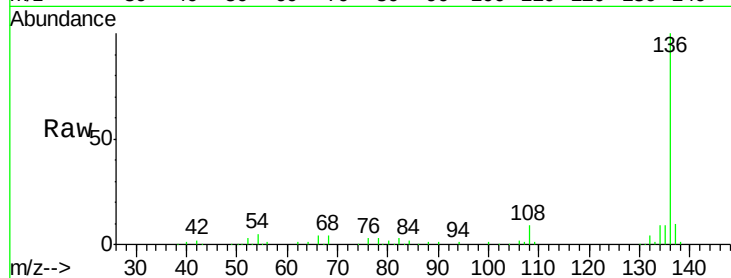




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080126.D
Acq: 23 Jun 2015 8:41

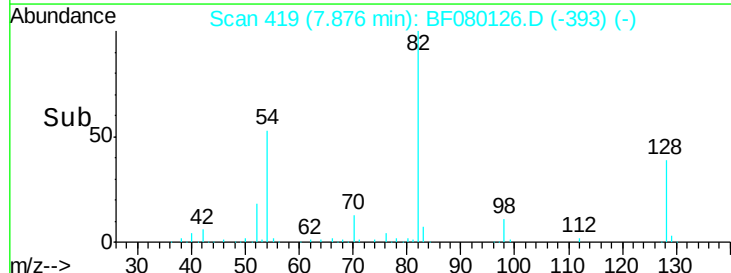
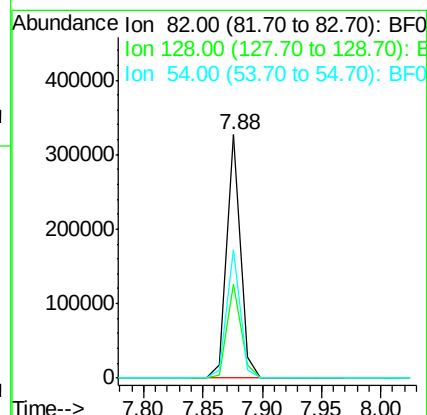
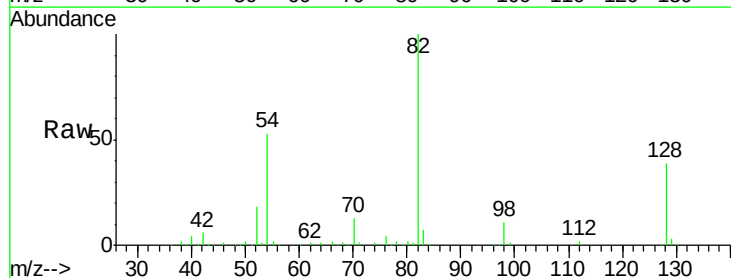
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AC-UNDERCUT(0-2)-3

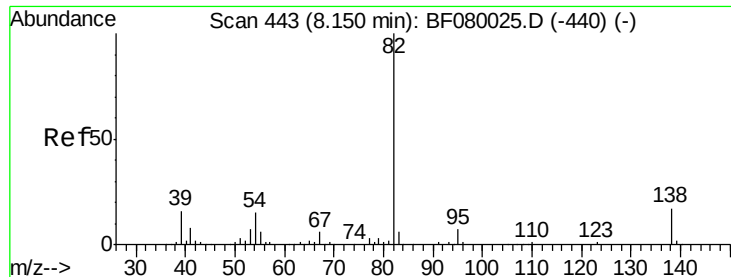
Tgt Ion:	136	Resp:	171033
Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.0	13.6
54	5.4	8.2	12.2#
68	4.3	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 87.45 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080126.D
Acq: 23 Jun 2015 8:41

Tgt Ion:	82	Resp:	256914
Ion	Ratio	Lower	Upper
82	100		
128	38.5	51.0	76.6#
54	52.9	47.5	71.3





#25

Isophorone

Concen: 41.47 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.26 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-3

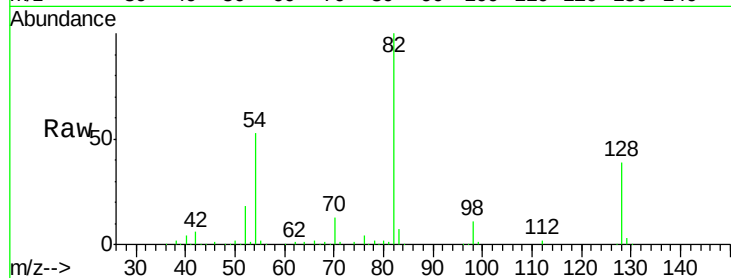
Tgt Ion: 82 Resp: 245208

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

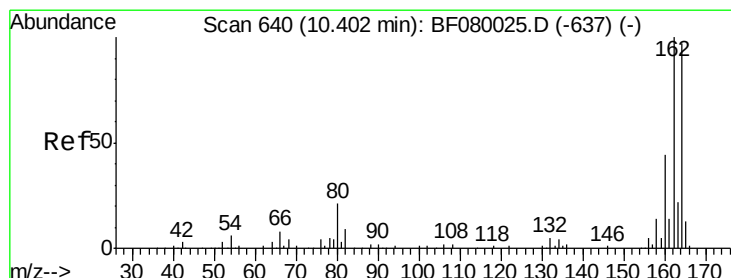
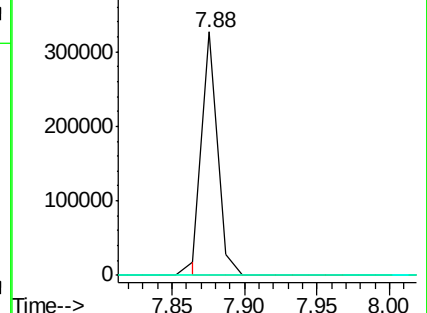
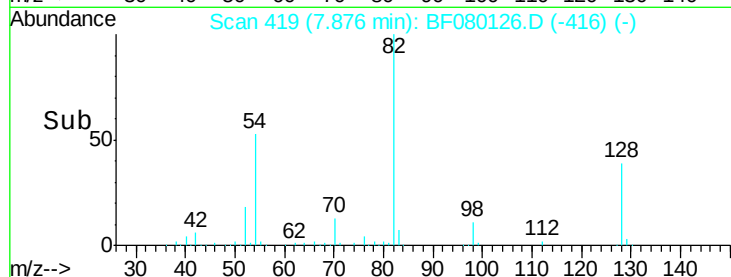
138 0.0 18.3 27.5#



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: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

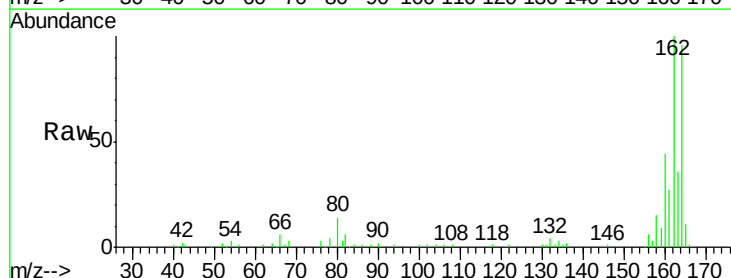
Tgt Ion: 164 Resp: 88352

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

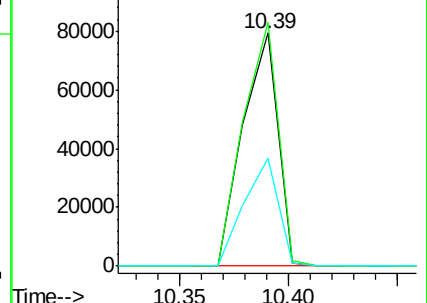
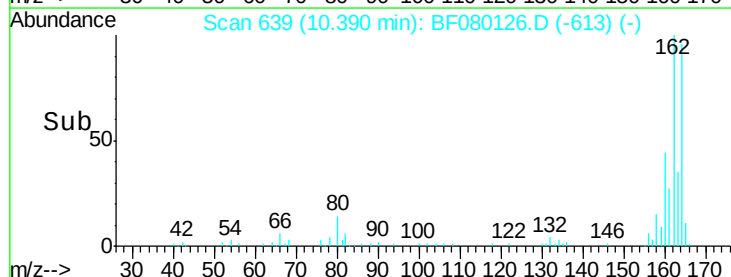
160 46.0 31.5 47.3

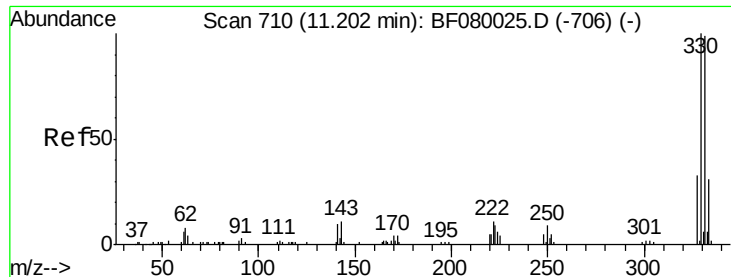


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

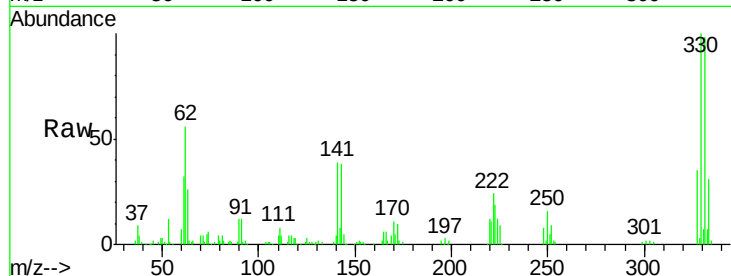




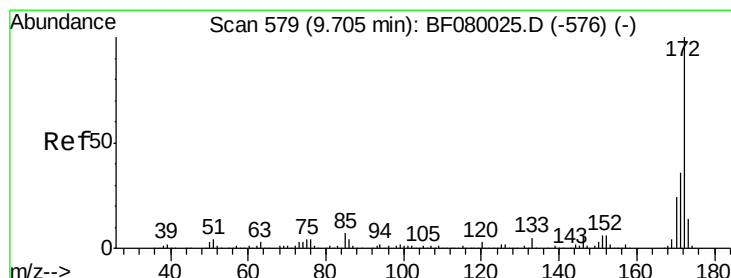
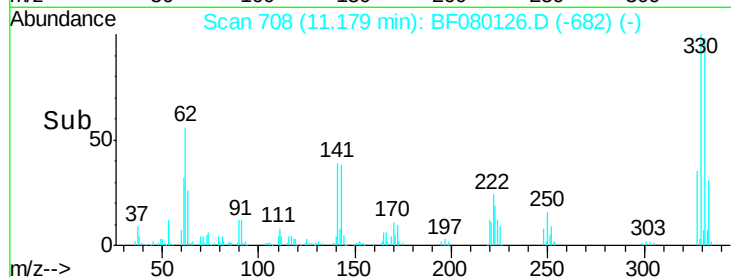
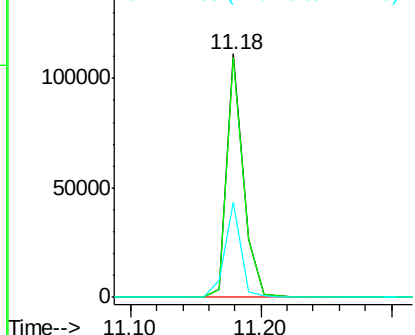
#41
 2,4,6-Tribromophenol
 Concen: 114.79 ng
 RT: 11.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080126.D
 Acq: 23 Jun 2015 8:41

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-3

Tgt Ion:330 Resp: 99169
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 114.8
 141 37.7 29.7 44.5

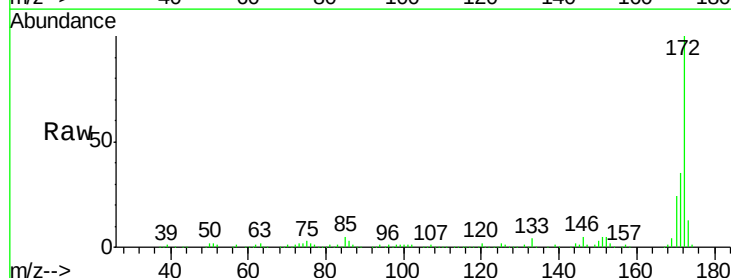


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

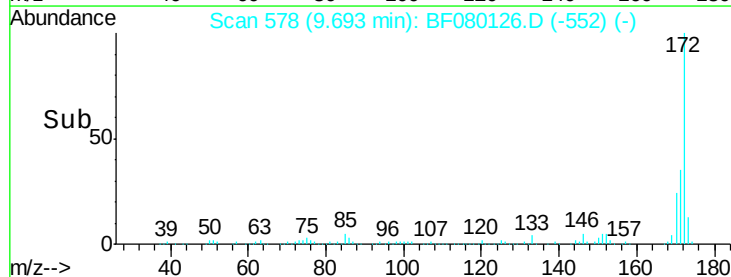
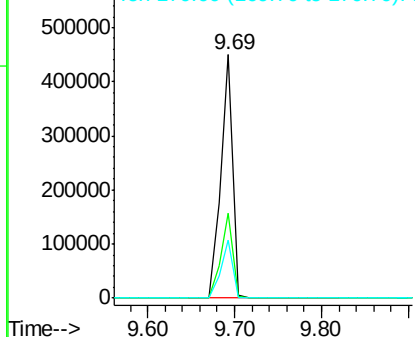


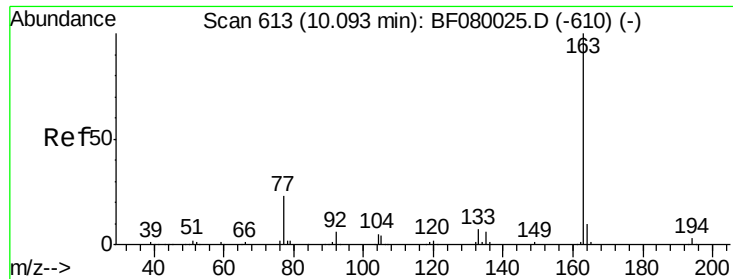
#44
 2-Fluorobiphenyl
 Concen: 70.55 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: BF080126.D
 Acq: 23 Jun 2015 8:41

Tgt Ion:172 Resp: 437062
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.6 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

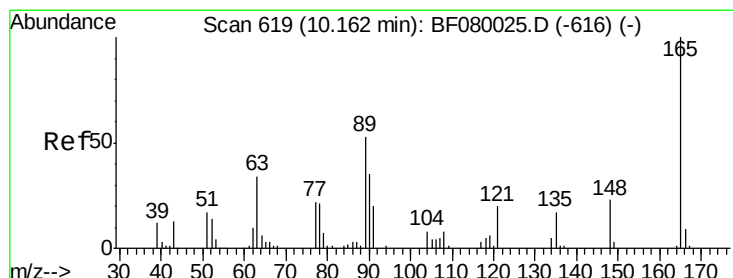
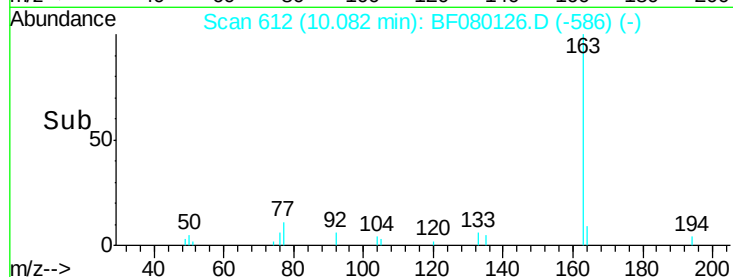
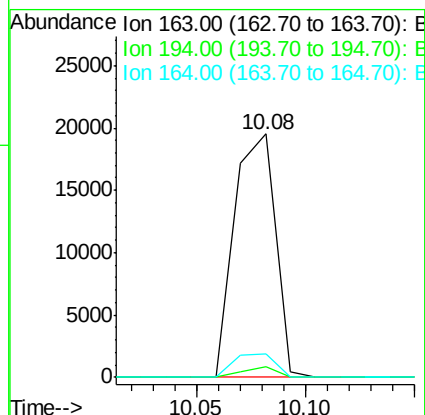
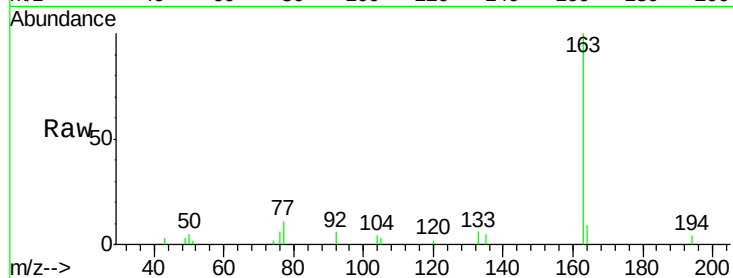




#49
Dimethylphthalate
Concen: 3.84 ng
RT: 10.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF080126.D
Acq: 23 Jun 2015 8:41

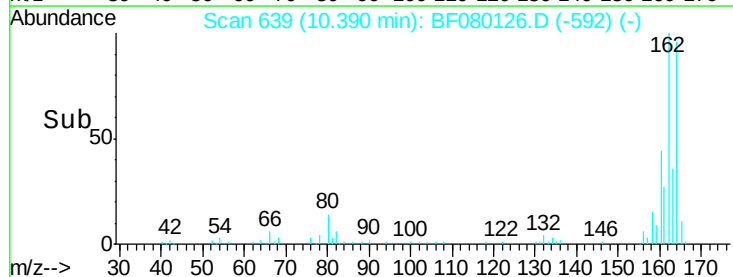
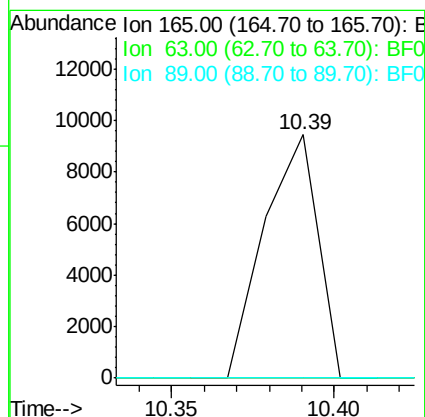
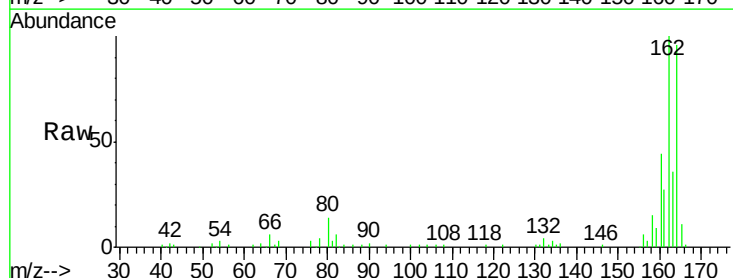
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AC-UNDERCUT(0-2)-3

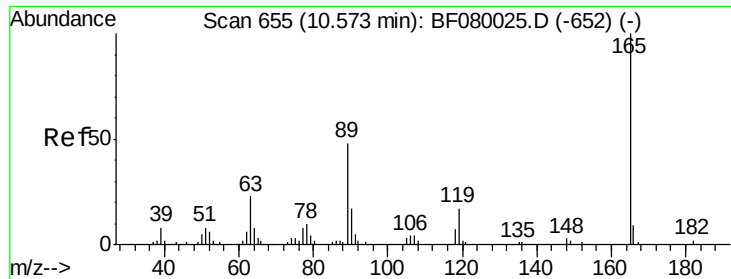
Tgt Ion:163 Resp: 25490
Ion Ratio Lower Upper
163 100
194 4.2 4.4 6.6#
164 9.4 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 8.11 ng
RT: 10.39 min Scan# 639
Delta R.T. 0.24 min
Lab File: BF080126.D
Acq: 23 Jun 2015 8:41

Tgt Ion:165 Resp: 10793
Ion Ratio Lower Upper
165 100
63 0.0 32.3 48.5#
89 0.0 28.6 43.0#

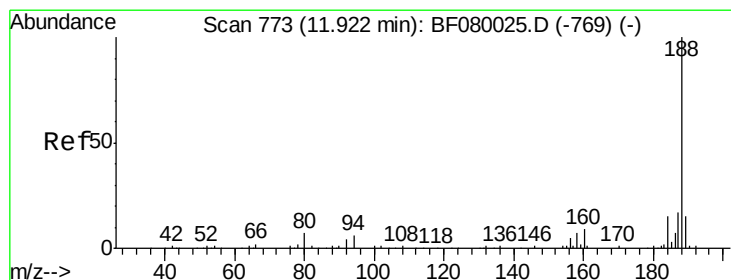
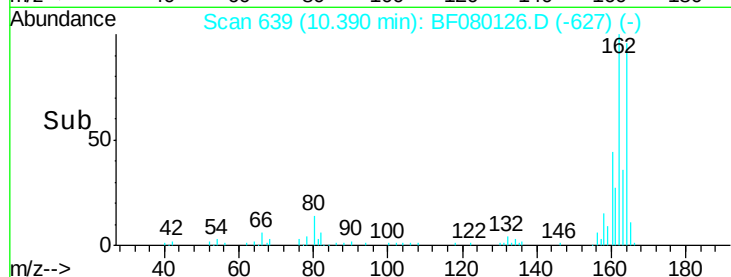
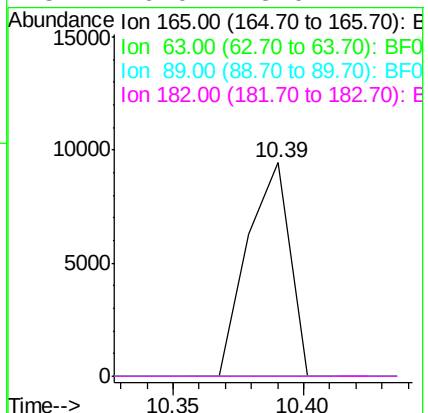
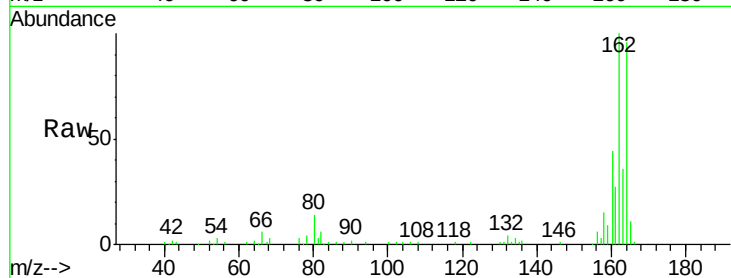




#56
 2,4-Dinitrotoluene
 Concen: 6.39 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.16 min
 Lab File: BF080126.D
 Acq: 23 Jun 2015 8:41

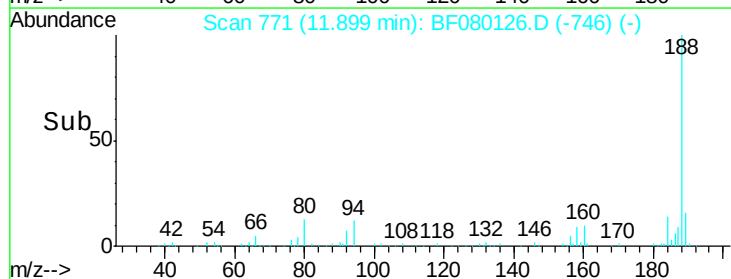
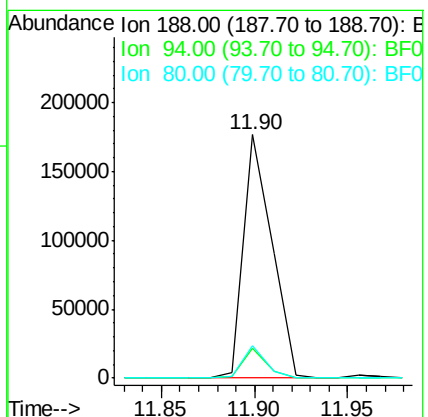
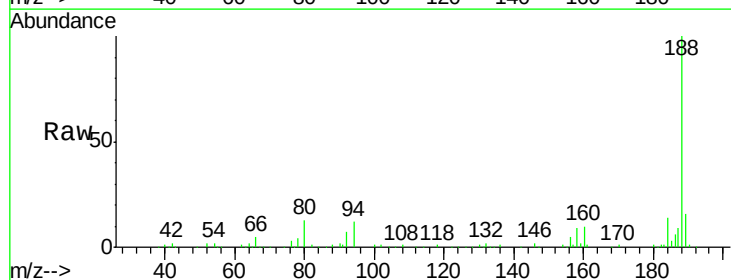
Instrument :
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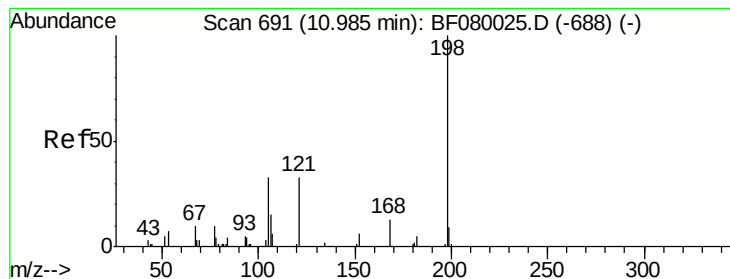
Tgt Ion:	165	Resp:	10794
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080126.D
 Acq: 23 Jun 2015 8:41

Tgt Ion:	188	Resp:	187749
Ion	Ratio	Lower	Upper
188	100		
94	12.2	11.1	16.7
80	13.1	11.0	16.4





#64

4,6-Dinitro-2-methylphenol

Concen: 3.83 ng

RT: 11.18 min Scan# 708

Delta R.T. 0.21 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-3

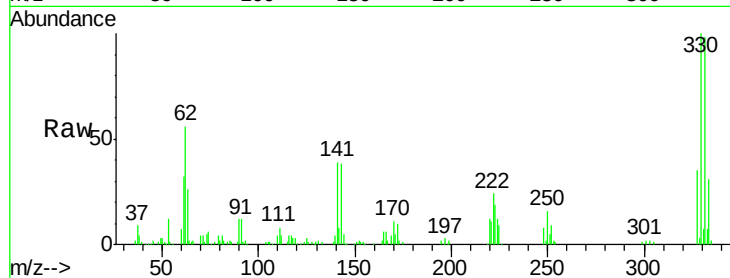
Tgt Ion:198 Resp: 269

Ion Ratio Lower Upper

198 100

51 167.2 39.6 79.6#

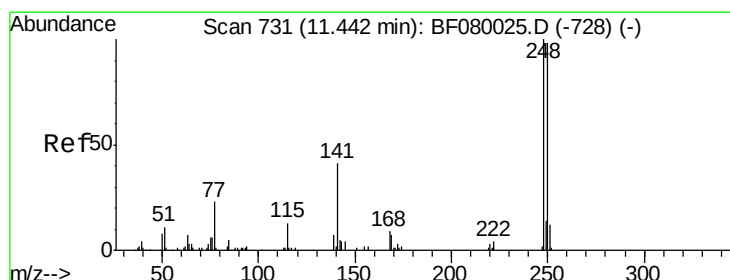
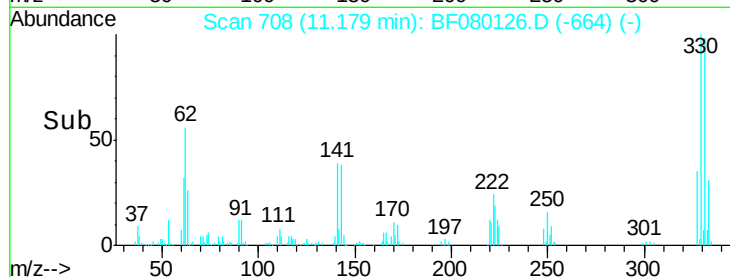
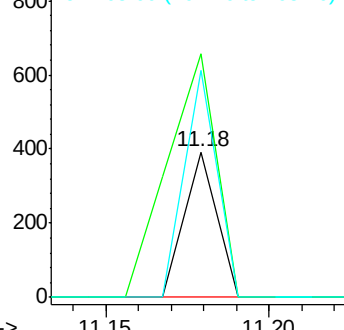
105 155.7 28.5 68.5#



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



#66

4-Bromophenyl-phenylether

Concen: 3.66 ng

RT: 11.18 min Scan# 708

Delta R.T. -0.24 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

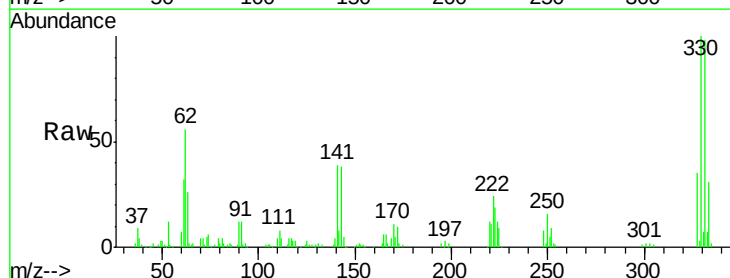
Tgt Ion:248 Resp: 7316

Ion Ratio Lower Upper

248 100

250 201.8 78.5 117.7#

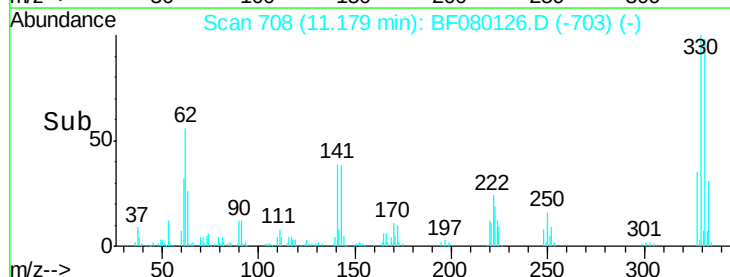
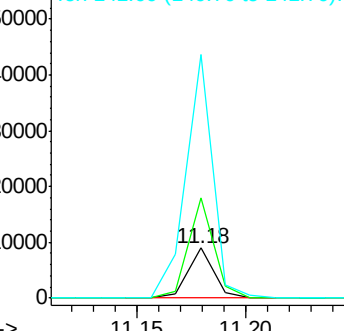
141 489.2 59.0 88.6#

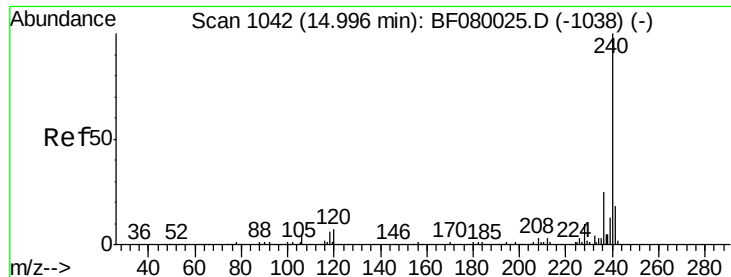


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-3

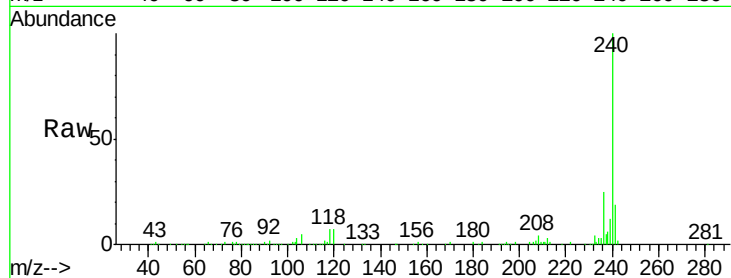
Tgt Ion:240 Resp: 213018

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

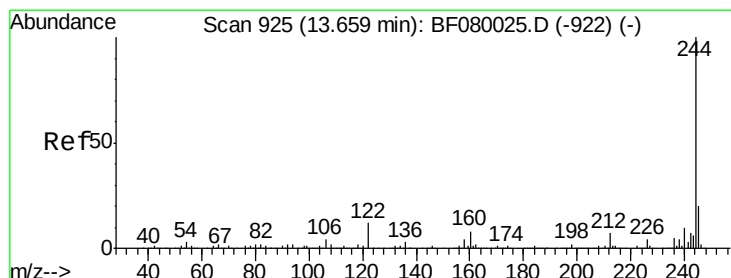
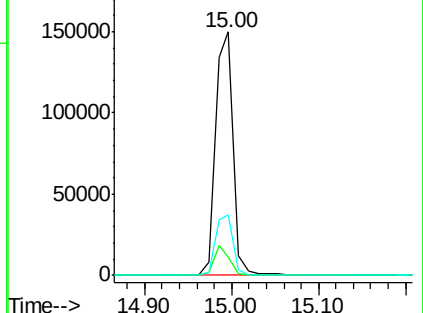
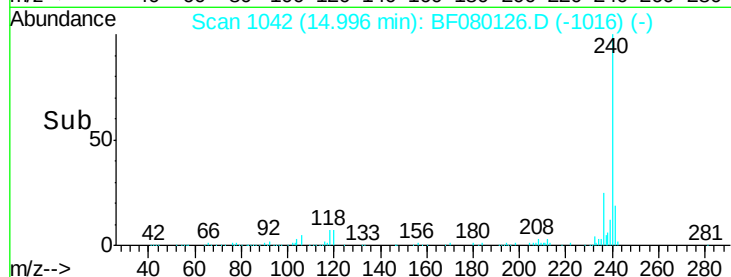
236 25.0 18.4 27.6



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: 47.46 ng

RT: 13.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF080126.D

Acq: 23 Jun 2015 8:41

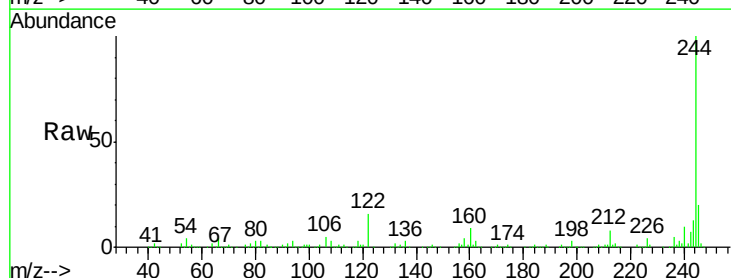
Tgt Ion:244 Resp: 432877

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

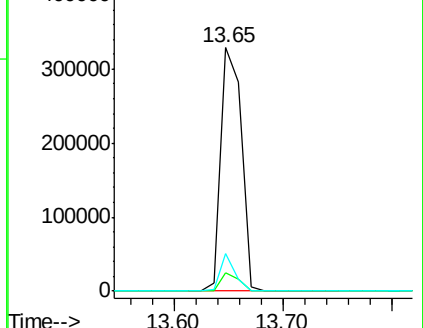
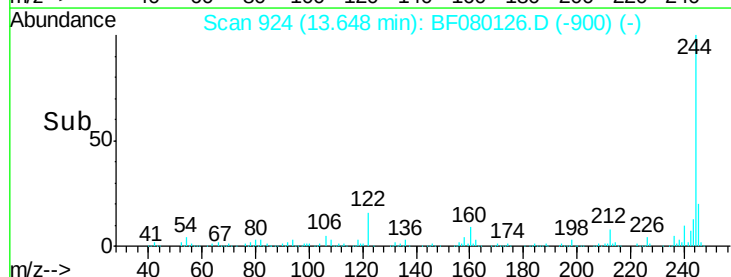
122 15.5 17.4 26.2#

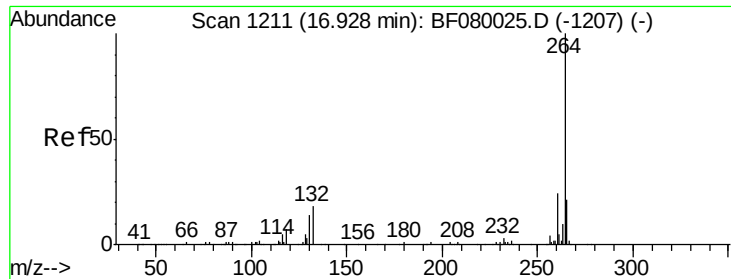


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.94 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF080126.D
Acq: 23 Jun 2015 8:41

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-3

Tgt Ion: 264 Resp: 207344
Ion Ratio Lower Upper
264 100
260 23.2 16.7 25.1
265 21.3 17.2 25.8

