

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080147.D
 Acq On : 25 Jun 2015 00:41
 Operator : TP/IZ
 Sample : G2717-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-5

Quant Time: Jun 25 04:32:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

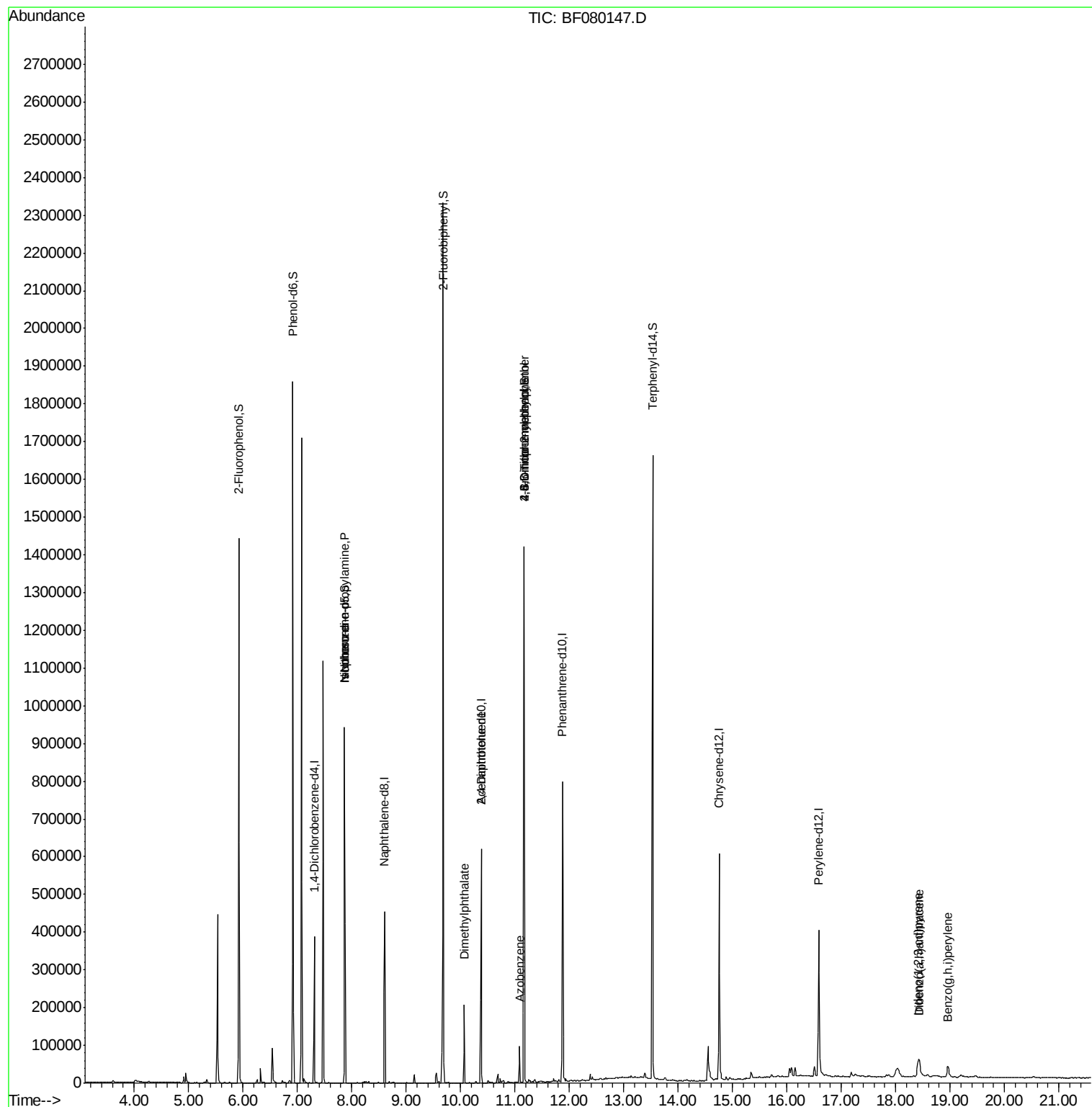
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	60110	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	239015	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	128246	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	269528	20.00	ng	-0.01
75) Chrysene-d12	14.76	240	260147	20.00	ng	-0.17
86) Perylene-d12	16.59	264	230326	20.00	ng	-0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.92	112	428156	126.09	ng	0.00
7) Phenol-d6	6.92	99	575437	127.34	ng	0.00
23) Nitrobenzene-d5	7.86	82	330610	80.53	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	150091	119.69	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	654124	72.74	ng	0.00
78) Terphenyl-d14	13.53	244	656791	58.96	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	42925	13.68	ng	# 63
25) Isophorone	7.86	82	324078	39.22	ng	# 58
49) Dimethylphthalate	10.07	163	97183	10.08	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	15950	6.50	ng	# 31
62) Azobenzene	11.09	77	21631	2.19	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.17	198	335	3.78	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	11090	3.87	ng	# 1
85) Indeno(1,2,3-cd)pyrene	18.41	276	44430	2.41	ng	# 90
90) Dibenzo(a,h)anthracene	18.44	278	41915	3.09	ng	# 81
91) Benzo(g,h,i)perylene	18.96	276	34608	2.53	ng	# 78

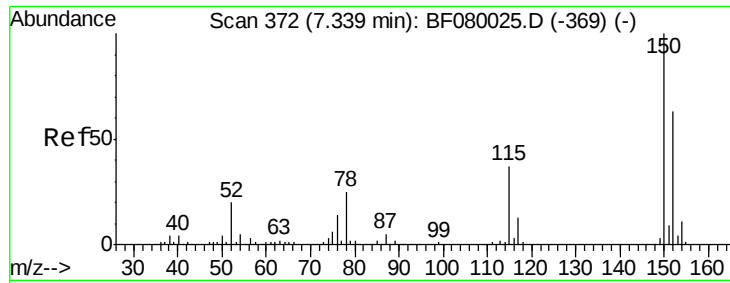
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
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ALS Vial : 17 Sample Multiplier: 1

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AC-UNDERCUT(0-2)-5

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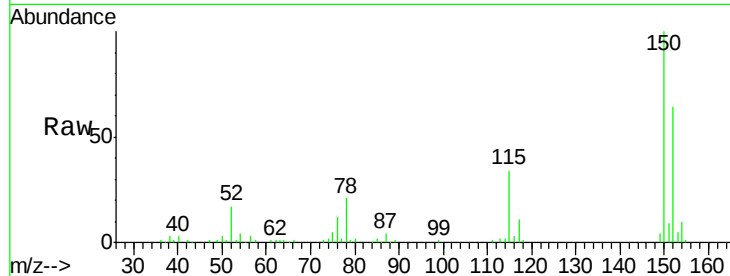




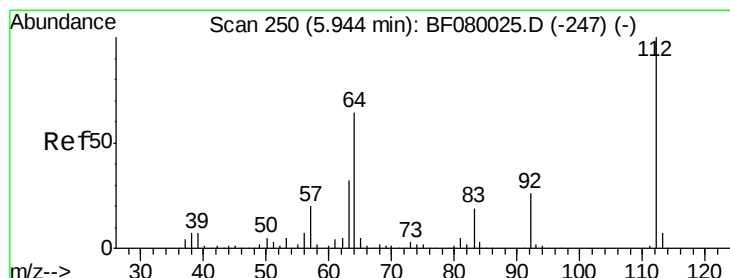
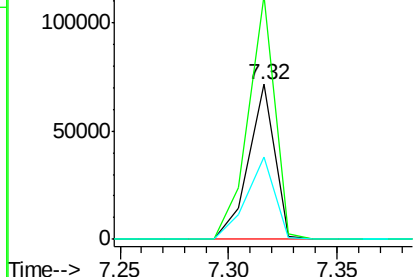
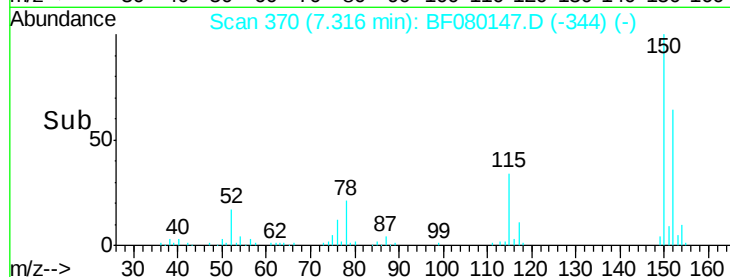
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF080147.D
 Acq: 25 Jun 2015 00:41

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-5

Tgt Ion:152 Resp: 60110
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.7 187.1
 115 53.2 39.0 58.4

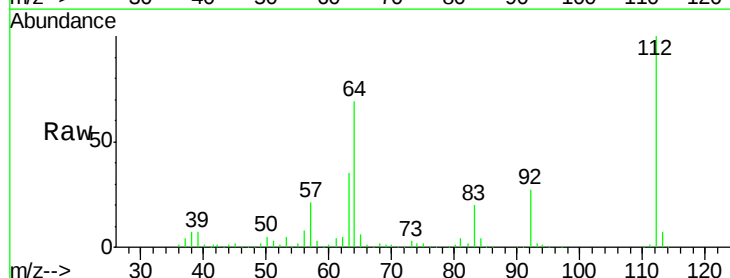


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

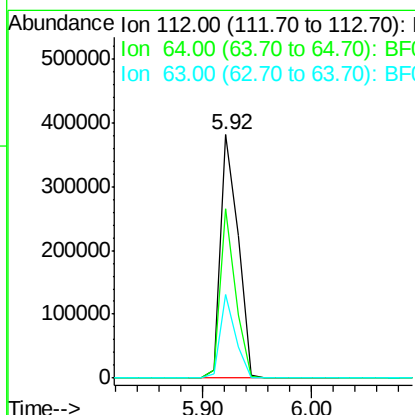
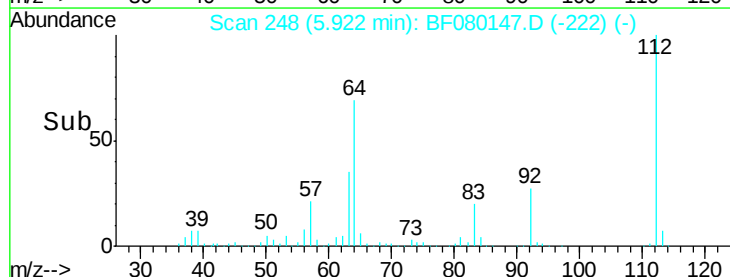


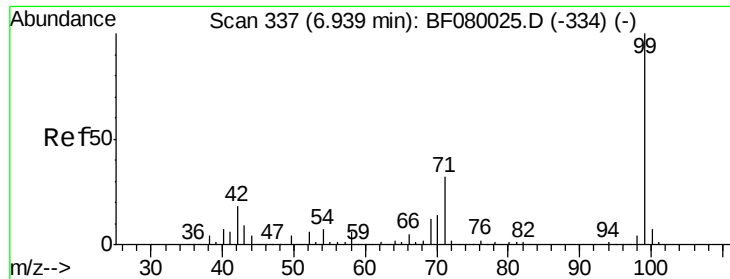
#5
 2-Fluorophenol
 Concen: 126.09 ng
 RT: 5.92 min Scan# 248
 Delta R.T. 0.00 min
 Lab File: BF080147.D
 Acq: 25 Jun 2015 00:41

Tgt Ion:112 Resp: 428156
 Ion Ratio Lower Upper
 112 100
 64 69.4 39.7 59.5#
 63 34.5 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: 127.34 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-5

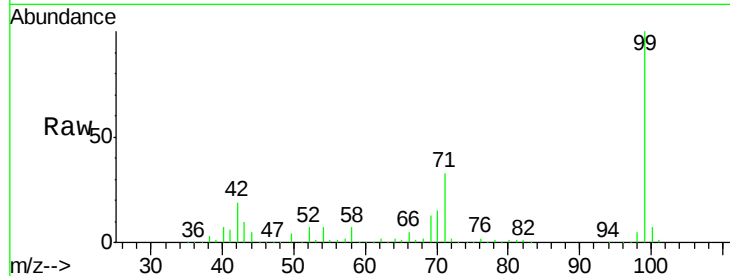
Tgt Ion: 99 Resp: 575437

Ion Ratio Lower Upper

99 100

42 18.9 13.7 20.5

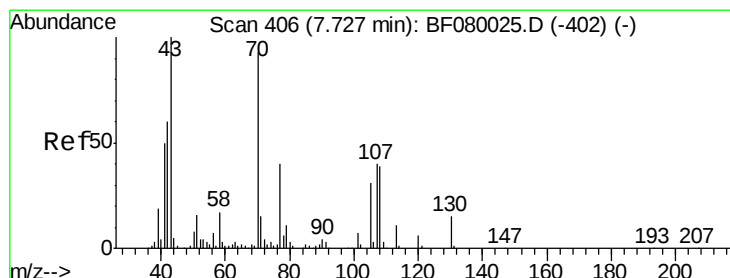
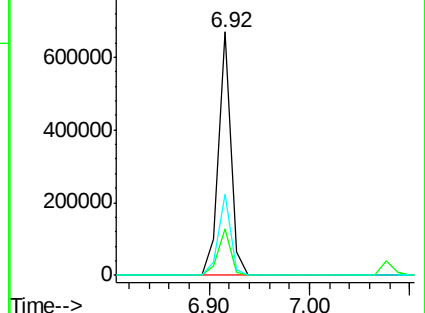
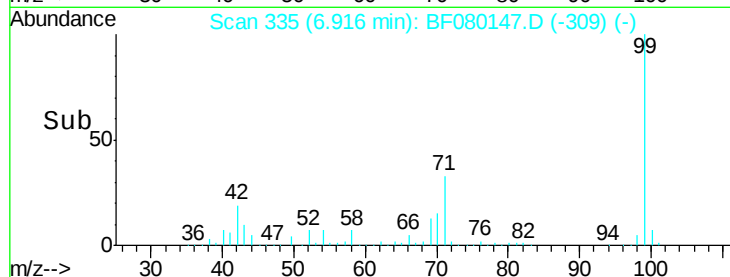
71 33.3 14.2 21.2#



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: 13.68 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Tgt Ion: 70 Resp: 42925

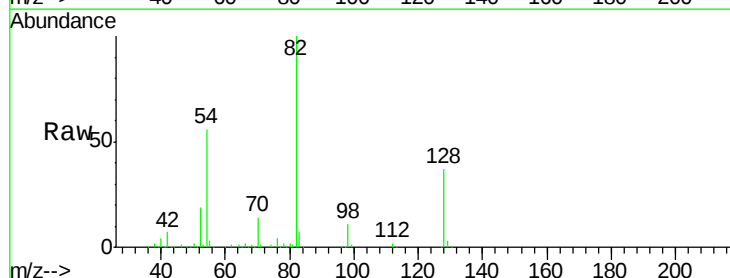
Ion Ratio Lower Upper

70 100

42 52.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

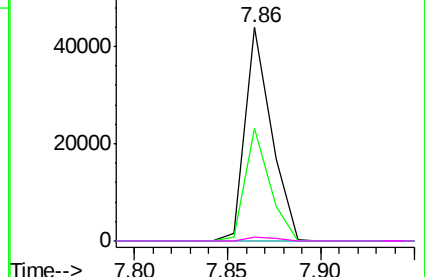
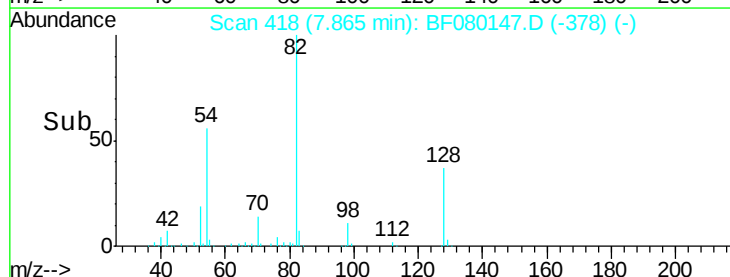


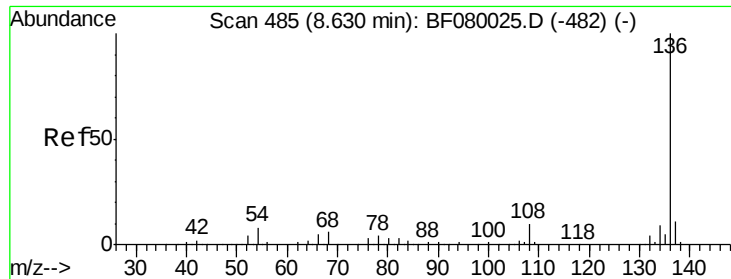
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

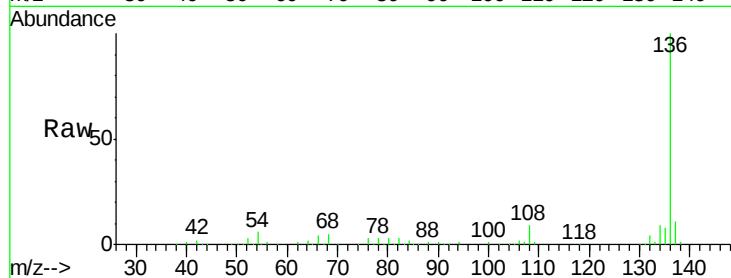




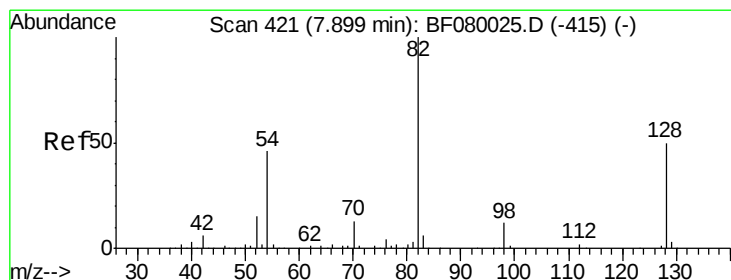
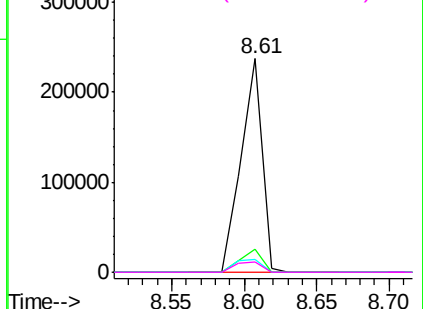
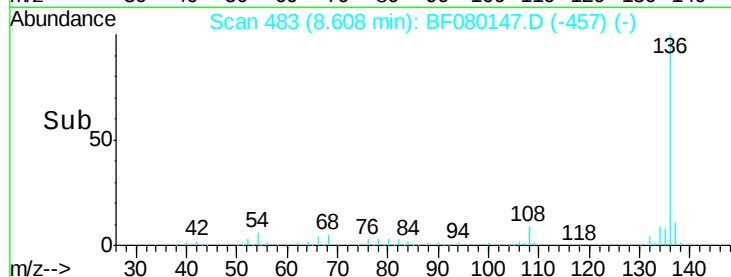
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080147.D
Acq: 25 Jun 2015 00:41

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-5

Tgt Ion: 136 Resp: 239015
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 6.1 8.2 12.2#
68 5.0 5.8 8.6#

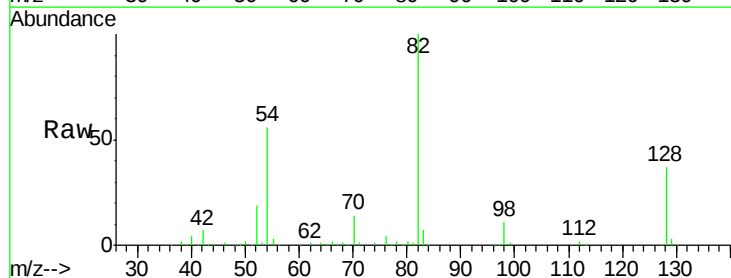


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

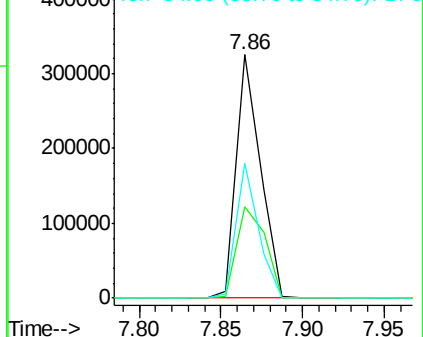
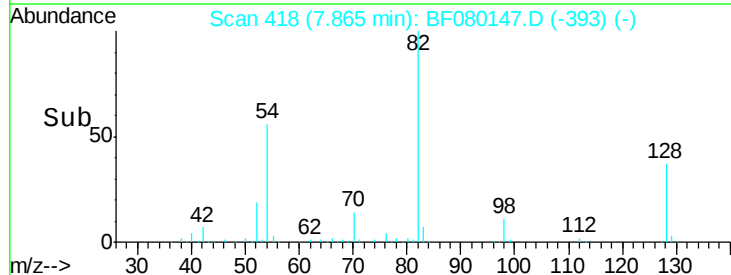


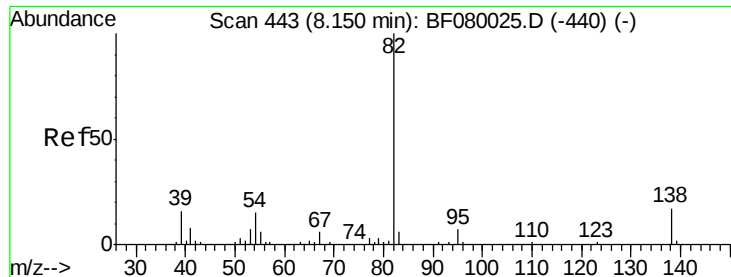
#23
Nitrobenzene-d5
Concen: 80.53 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080147.D
Acq: 25 Jun 2015 00:41

Tgt Ion: 82 Resp: 330610
Ion Ratio Lower Upper
82 100
128 37.4 51.0 76.6#
54 55.6 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: 39.22 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-5

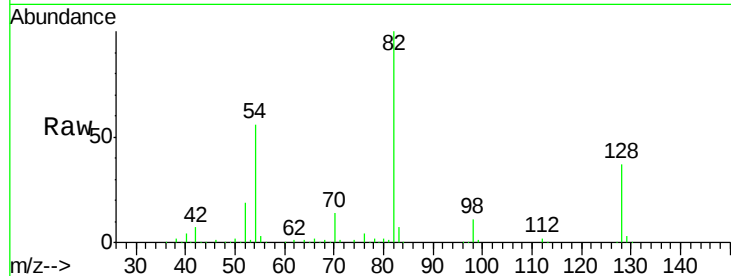
Tgt Ion: 82 Resp: 324078

Ion Ratio Lower Upper

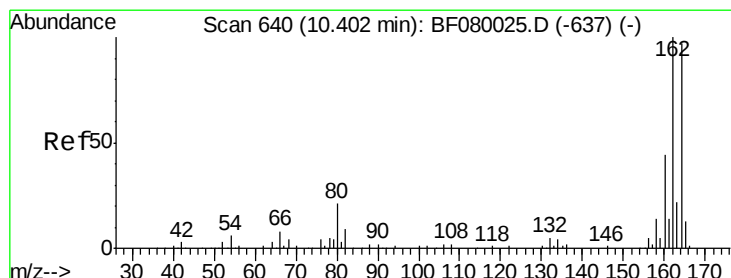
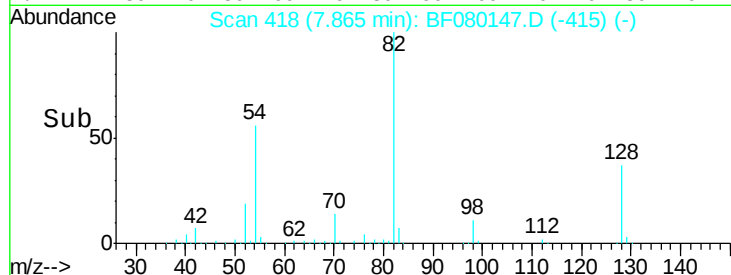
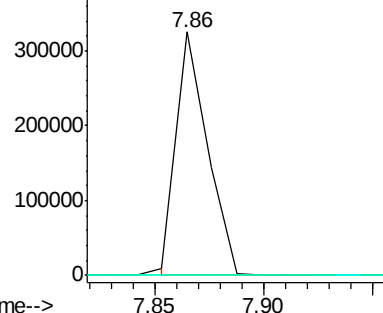
82 100

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: 10.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

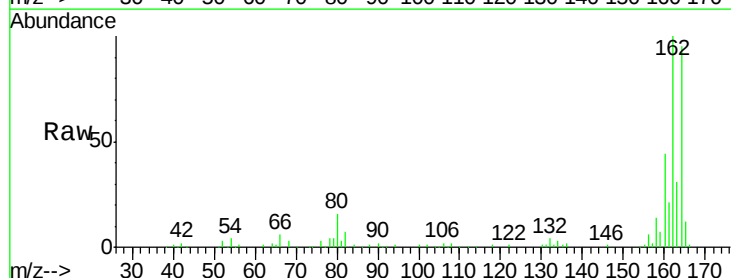
Tgt Ion: 164 Resp: 128246

Ion Ratio Lower Upper

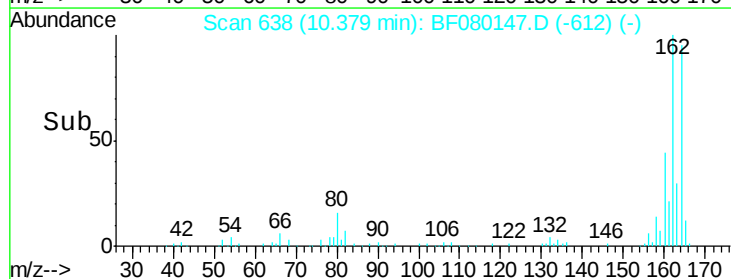
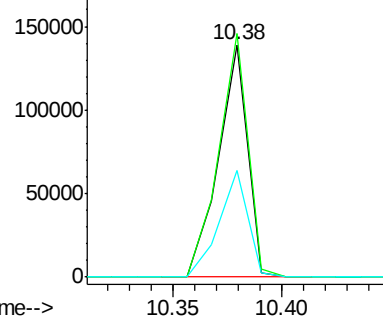
164 100

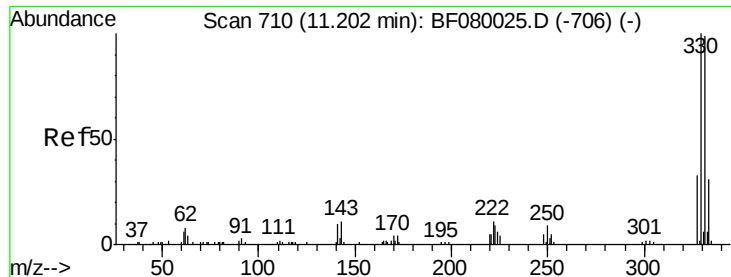
162 104.7 75.2 112.8

160 45.9 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

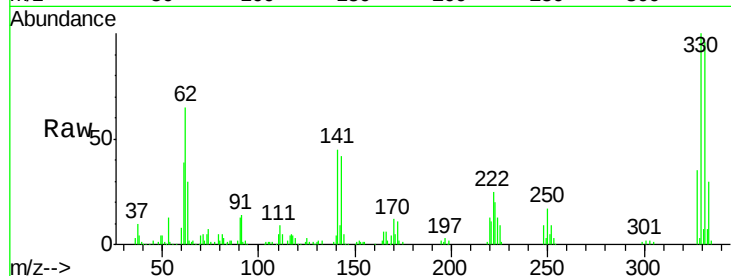




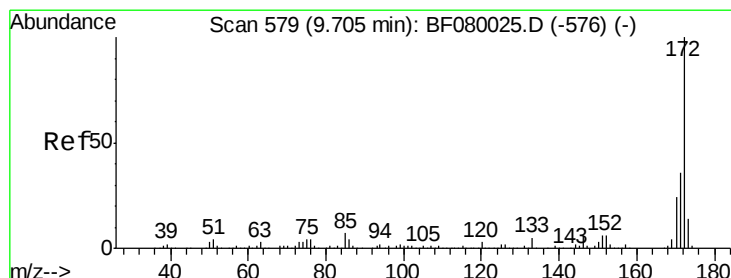
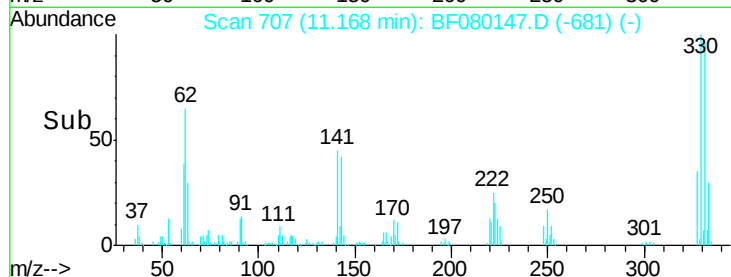
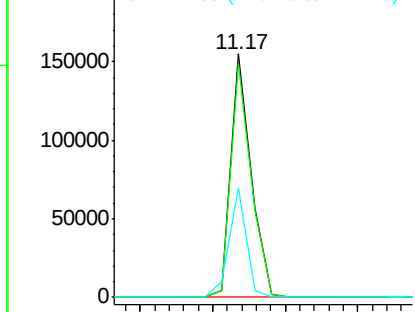
#41
 2,4,6-Tribromophenol
 Concen: 119.69 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080147.D
 Acq: 25 Jun 2015 00:41

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-5

Tgt Ion:330 Resp: 150091
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 38.5 29.7 44.5

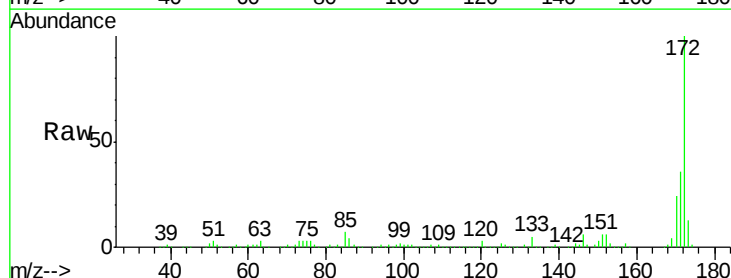


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

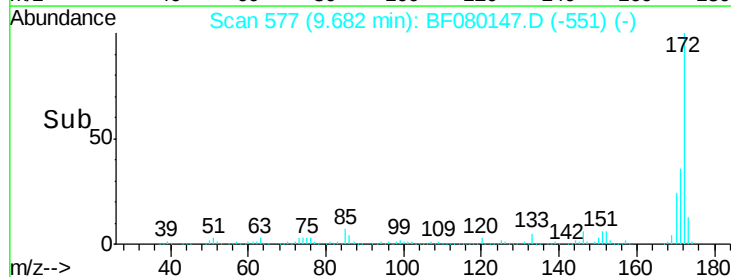
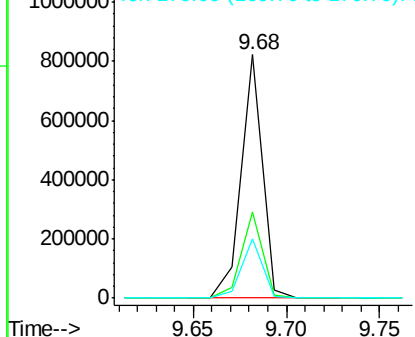


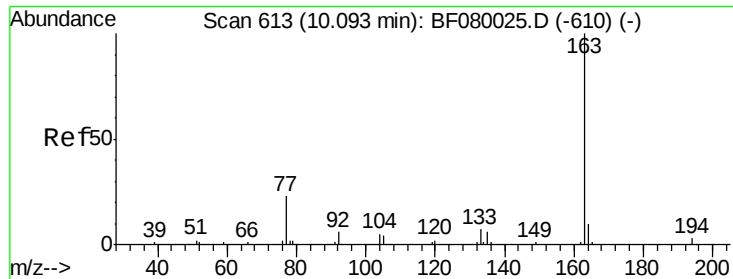
#44
 2-Fluorobiphenyl
 Concen: 72.74 ng
 RT: 9.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF080147.D
 Acq: 25 Jun 2015 00:41

Tgt Ion:172 Resp: 654124
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.3 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

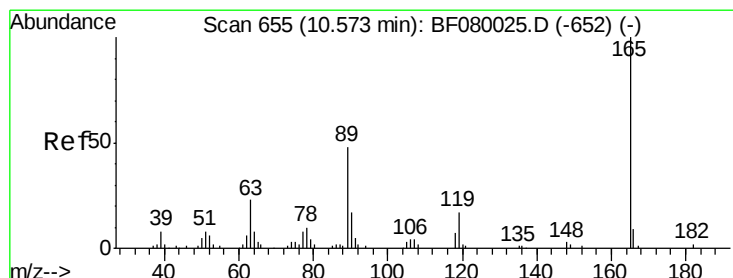
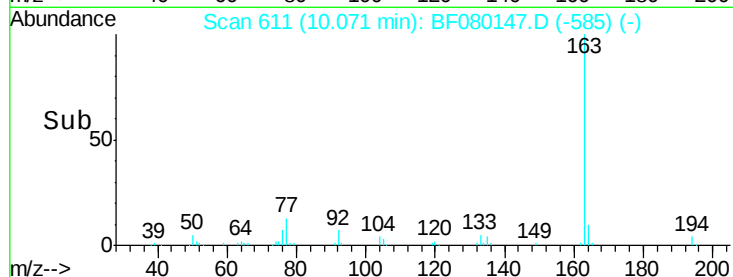
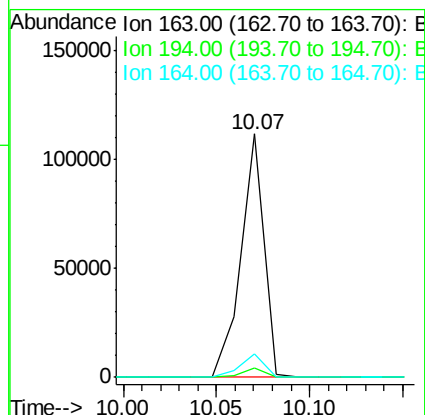
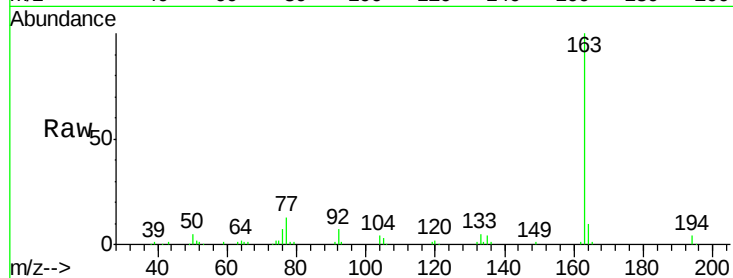




#49
Dimethylphthalate
Concen: 10.08 ng
RT: 10.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF080147.D
Acq: 25 Jun 2015 00:41

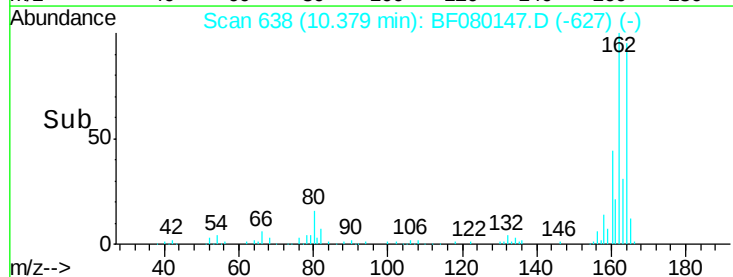
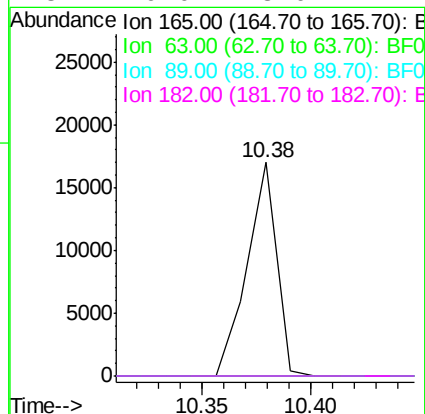
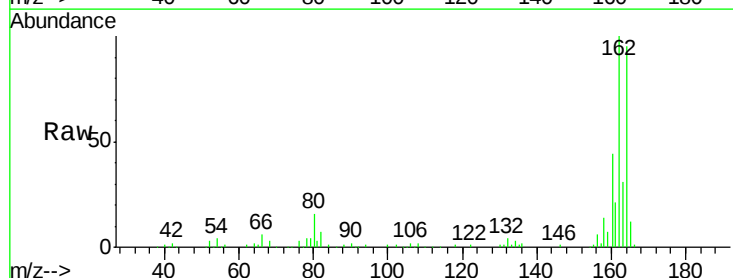
Instrument :
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AC-UNDERCUT(0-2)-5

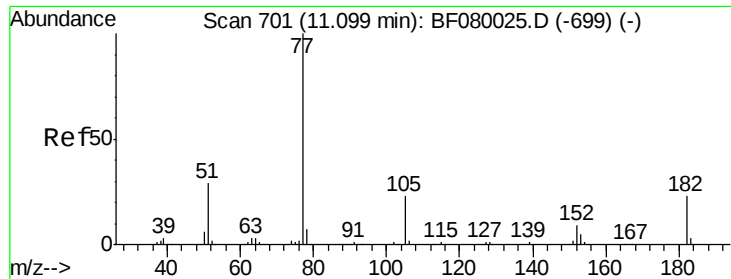
Tgt Ion:163 Resp: 97183
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 9.7 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080147.D
Acq: 25 Jun 2015 00:41

Tgt Ion:165 Resp: 15950
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#





#62

Azobenzene

Concen: 2.19 ng

RT: 11.09 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-5

Tgt Ion: 77 Resp: 21631

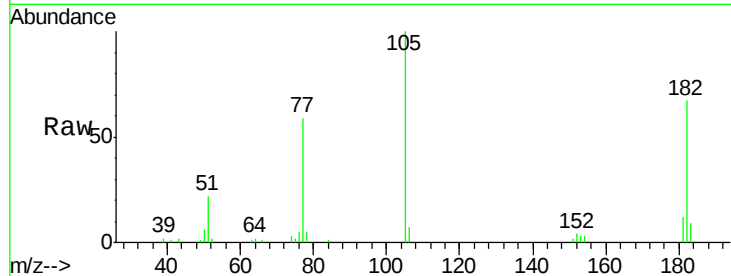
Ion Ratio Lower Upper

77 100

182 113.6 15.1 55.1#

105 170.4 3.4 43.4#

51 37.5 12.0 52.0

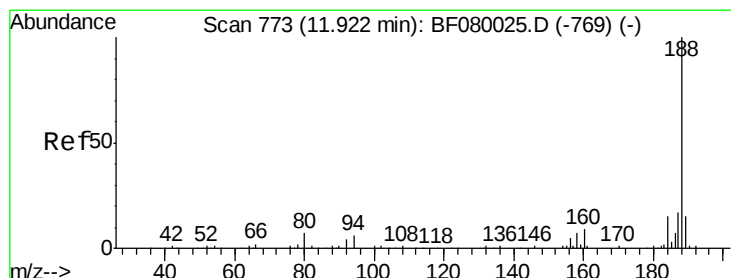
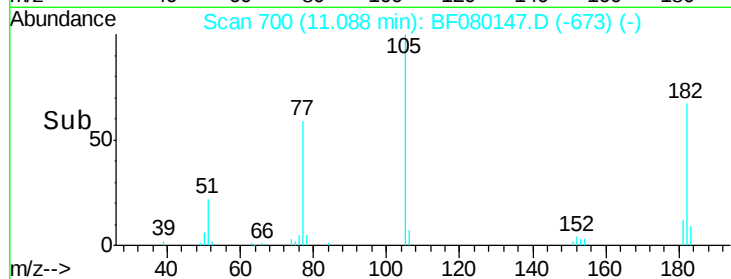
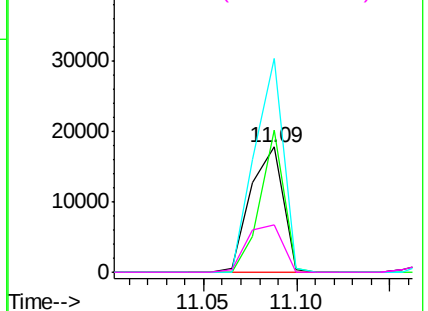


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

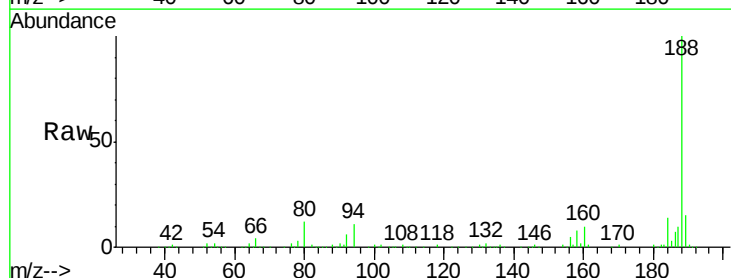
Tgt Ion: 188 Resp: 269528

Ion Ratio Lower Upper

188 100

94 10.7 11.1 16.7#

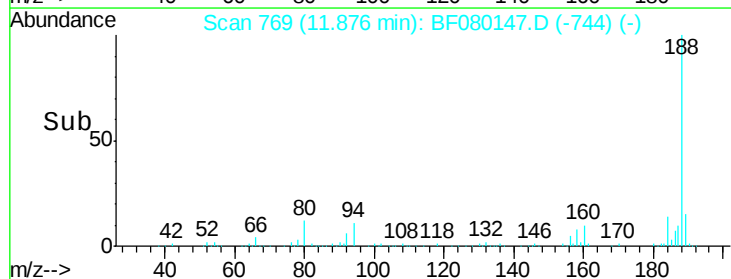
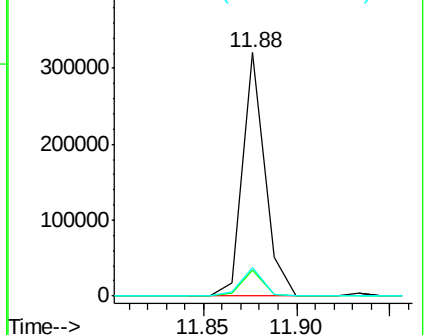
80 11.6 11.0 16.4

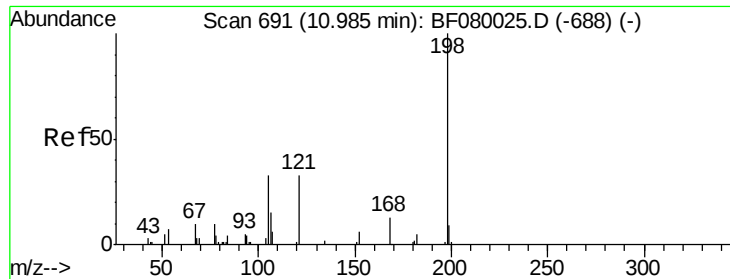


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 3.78 ng

RT: 11.17 min Scan# 707

Delta R.T. 0.21 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-5

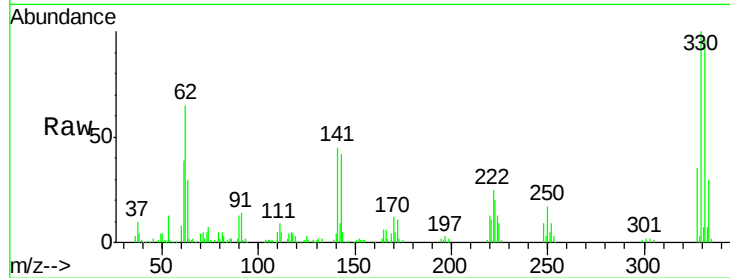
Tgt Ion:198 Resp: 335

Ion Ratio Lower Upper

198 100

51 198.0 39.6 79.6#

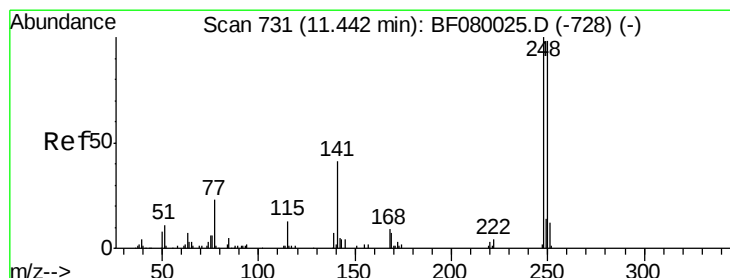
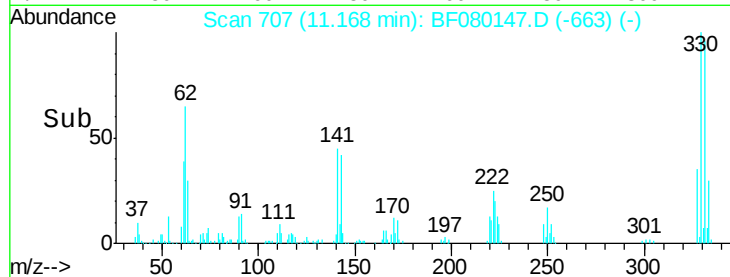
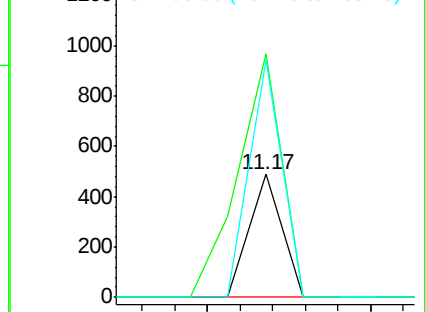
105 193.3 28.5 68.5#



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: 3.87 ng

RT: 11.17 min Scan# 707

Delta R.T. -0.24 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

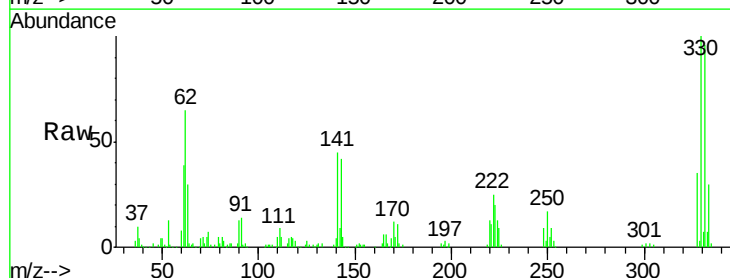
Tgt Ion:248 Resp: 11090

Ion Ratio Lower Upper

248 100

250 202.6 78.5 117.7#

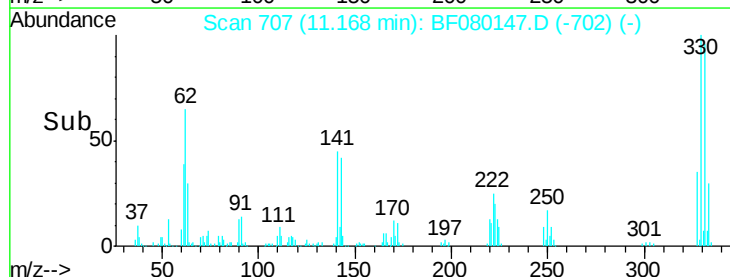
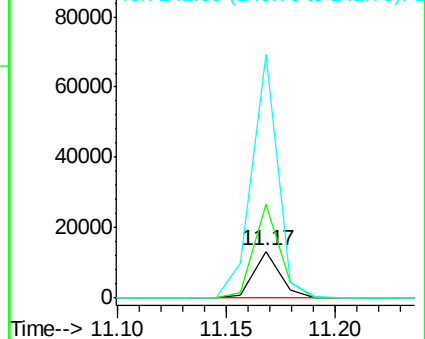
141 522.4 59.0 88.6#

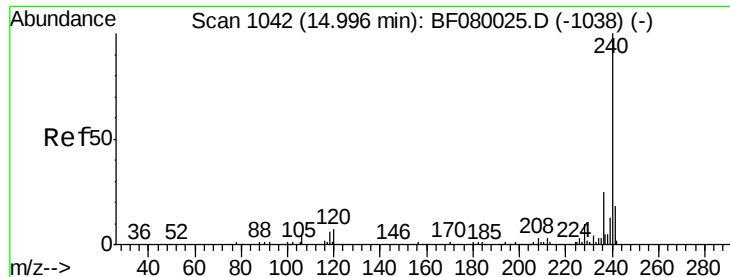


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.76 min Scan# 1021

Delta R.T. -0.17 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-5

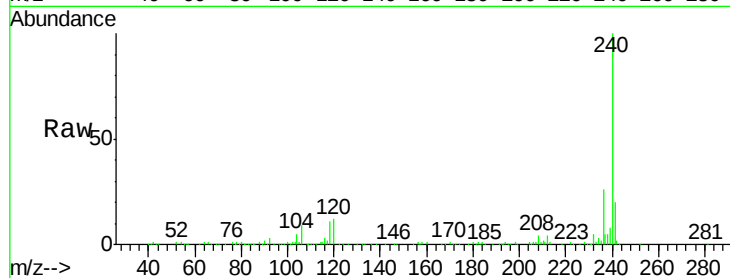
Tgt Ion:240 Resp: 260147

Ion Ratio Lower Upper

240 100

120 12.4 16.2 24.2#

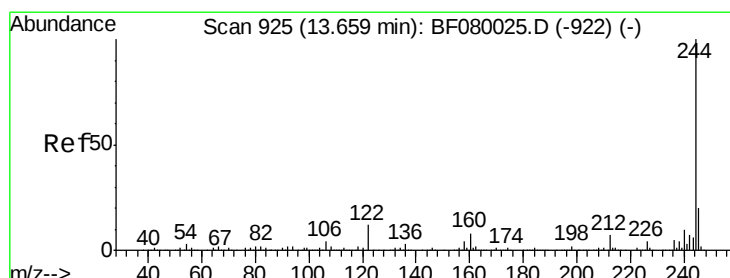
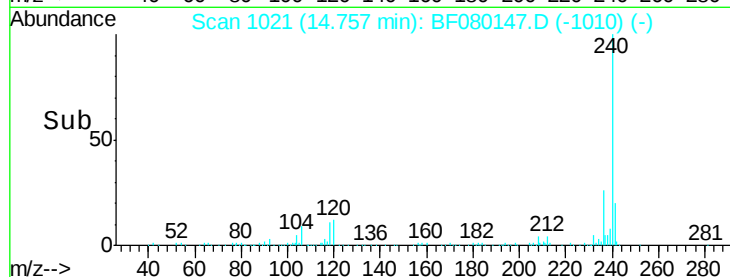
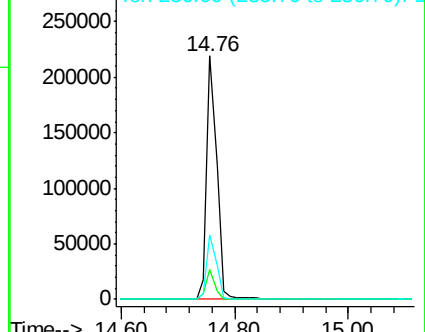
236 26.3 18.4 27.6



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: 58.96 ng

RT: 13.53 min Scan# 914

Delta R.T. -0.08 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

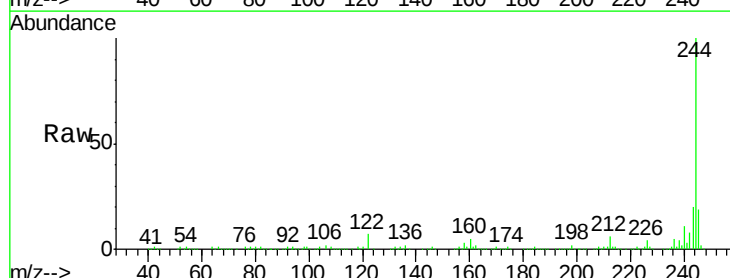
Tgt Ion:244 Resp: 656791

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

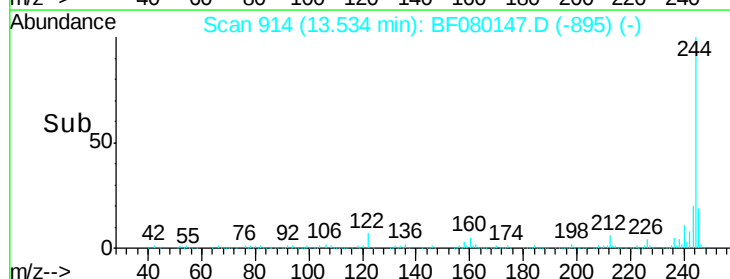
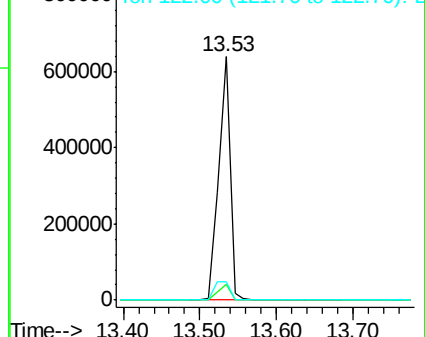
122 7.5 17.4 26.2#

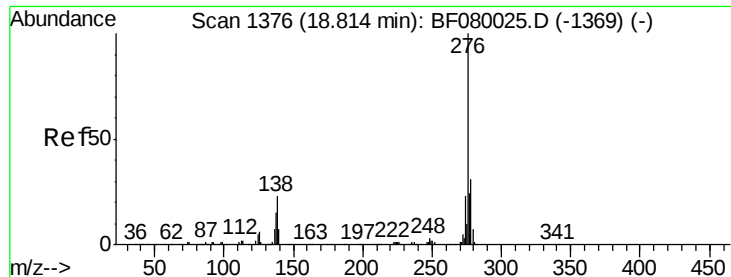


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

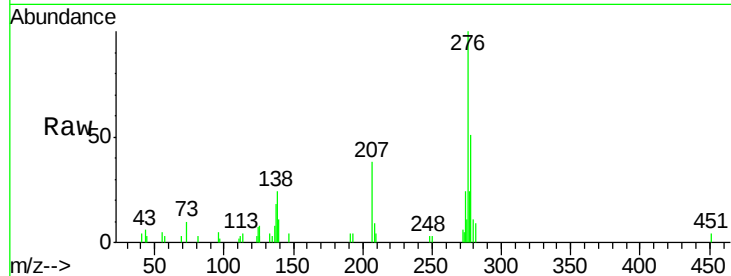




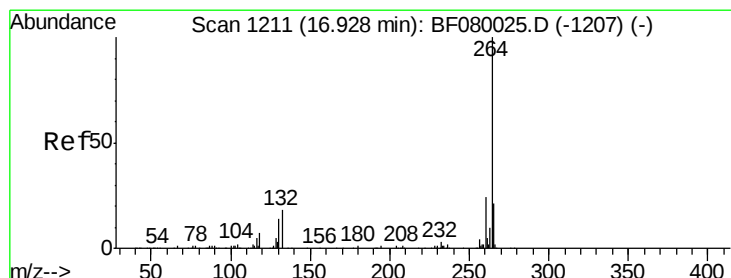
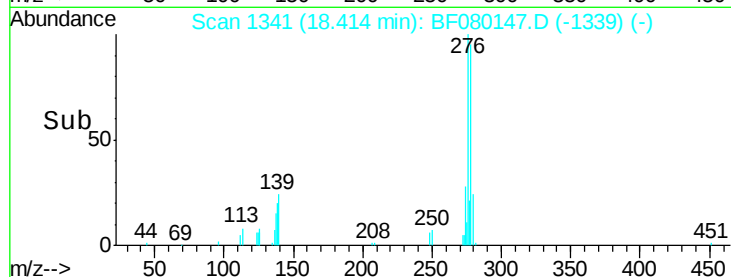
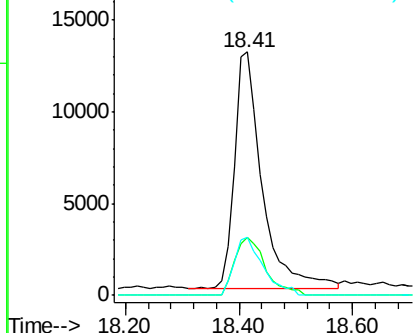
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.41 ng
RT: 18.41 min Scan# 1341
Delta R.T. -0.27 min
Lab File: BF080147.D
Acq: 25 Jun 2015 00:41

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-5

Tgt Ion:276 Resp: 44430
Ion Ratio Lower Upper
276 100
138 27.1 25.7 38.5
277 25.4 15.6 23.4#

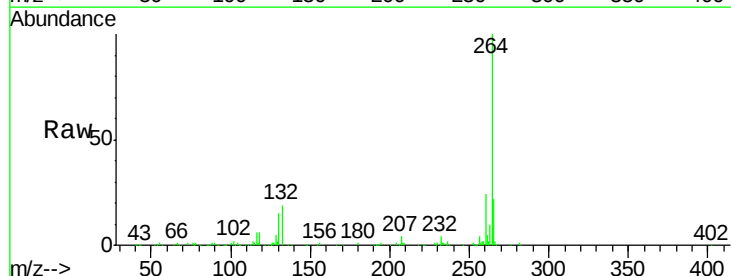


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

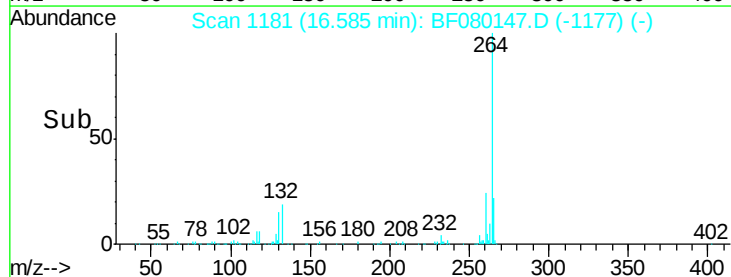
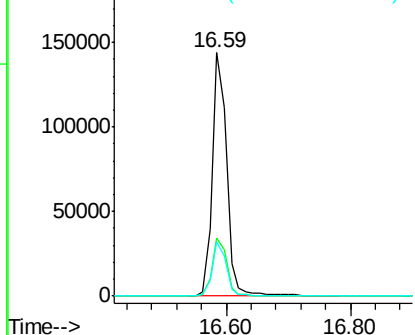


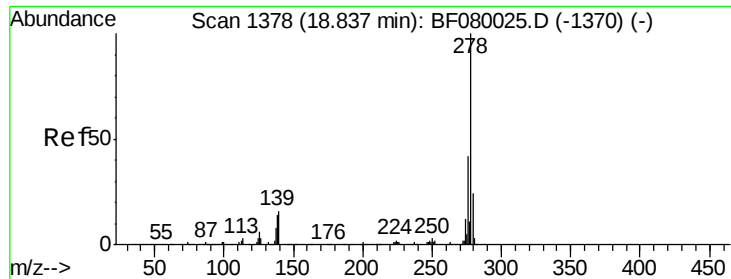
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.59 min Scan# 1181
Delta R.T. -0.25 min
Lab File: BF080147.D
Acq: 25 Jun 2015 00:41

Tgt Ion:264 Resp: 230326
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 22.0 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





#90

Dibenzo(a,h)anthracene

Concen: 3.09 ng

RT: 18.44 min Scan# 1343

Delta R.T. -0.27 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-5

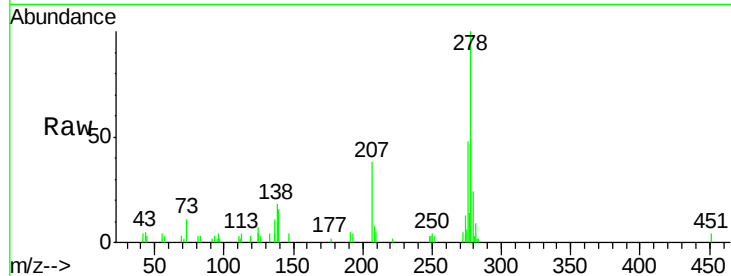
Tgt Ion:278 Resp: 41915

Ion Ratio Lower Upper

278 100

139 15.7 26.3 39.5#

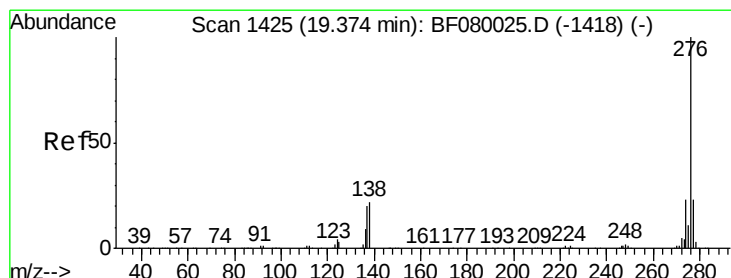
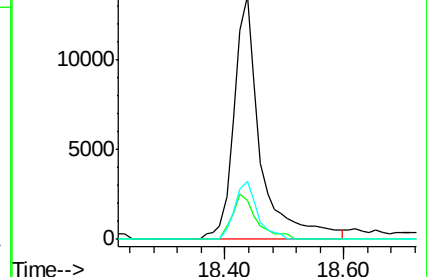
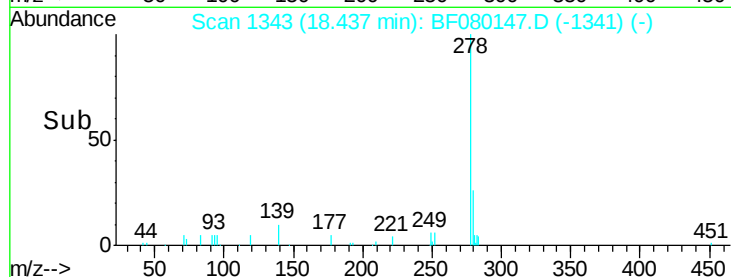
279 24.1 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.53 ng

RT: 18.96 min Scan# 1389

Delta R.T. -0.29 min

Lab File: BF080147.D

Acq: 25 Jun 2015 00:41

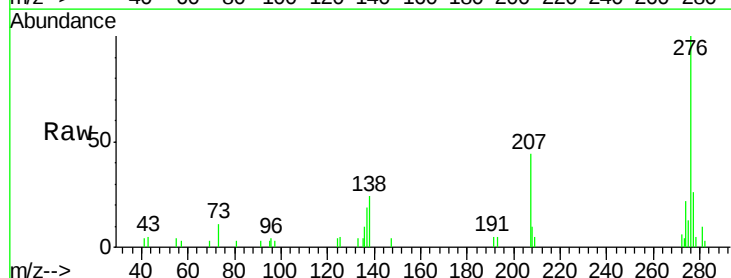
Tgt Ion:276 Resp: 34608

Ion Ratio Lower Upper

276 100

277 25.8 17.8 26.6

138 24.2 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

