

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087740.D
 Acq On : 6 Jun 2016 7:20
 Operator : UM/SJ
 Sample : H3356-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B2(0-10)C

Quant Time: Jun 06 08:01:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

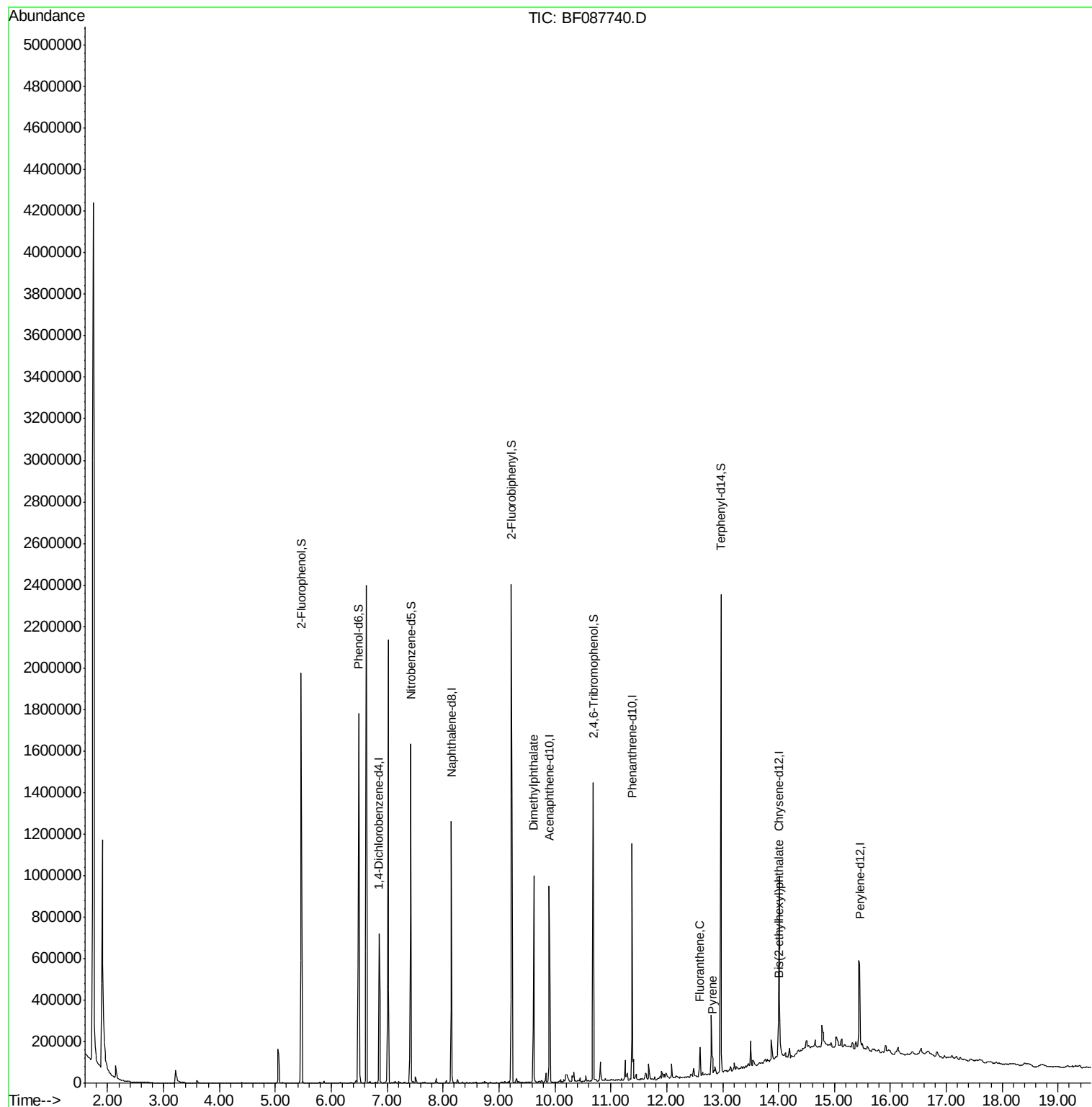
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	134364	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	571088	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	236261	20.00	ng	-0.01
63) Phenanthrene-d10	11.38	188	384340	20.00	ng	0.00
75) Chrysene-d12	14.01	240	275482	20.00	ng	-0.01
86) Perylene-d12	15.45	264	243060	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	763103	91.80	ng	0.01
7) Phenol-d6	6.49	99	1033838	99.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	609921	61.79	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	170233	71.78	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1023288	60.90	ng	-0.01
78) Terphenyl-d14	12.97	244	685288	60.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.62	163	412871	24.04	ng	100
74) Fluoranthene	12.59	202	54024	2.63	ng	96
77) Pyrene	12.82	202	50025	2.55	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	37532	3.78	ng	97

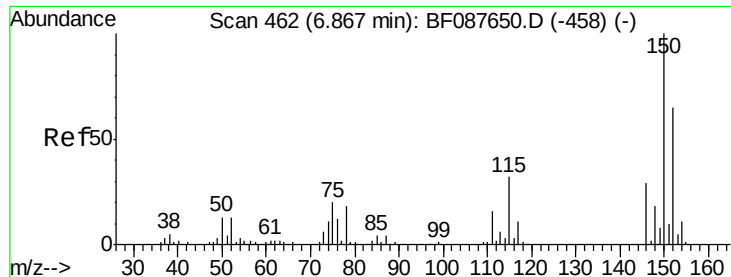
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)C

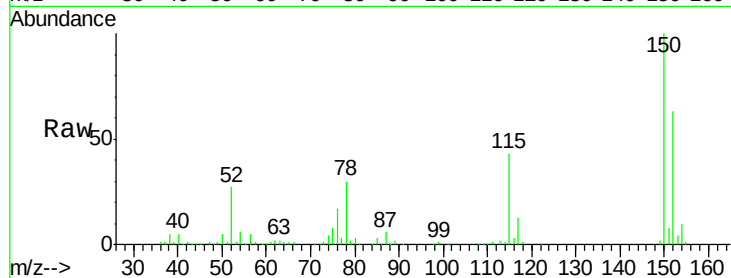
Tot Ion:152 Resp: 134364

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

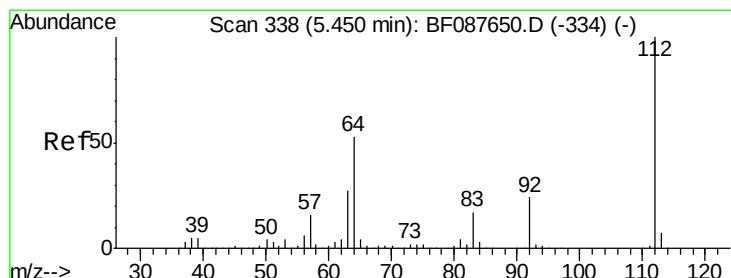
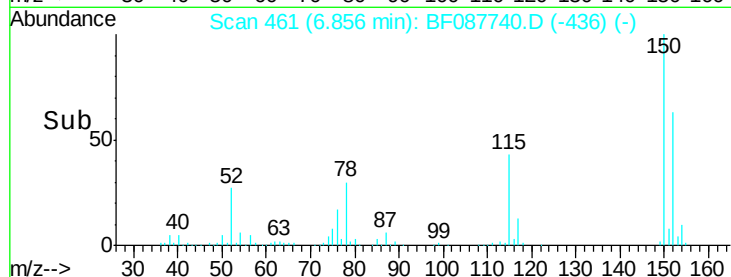
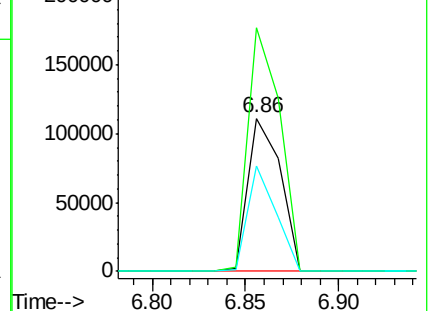
115 69.1 39.6 59.4#



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: 91.80 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

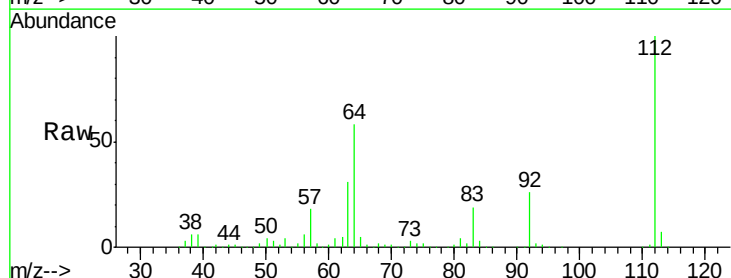
Tgt Ion:112 Resp: 763103

Ion Ratio Lower Upper

112 100

64 58.5 42.2 63.2

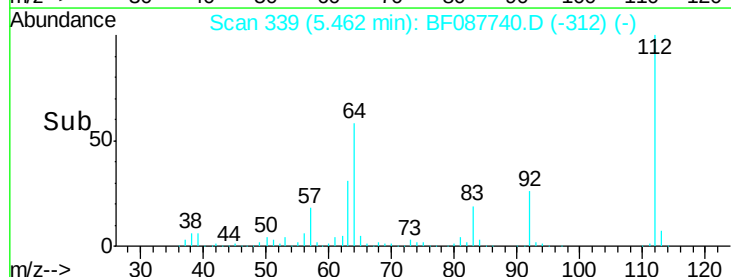
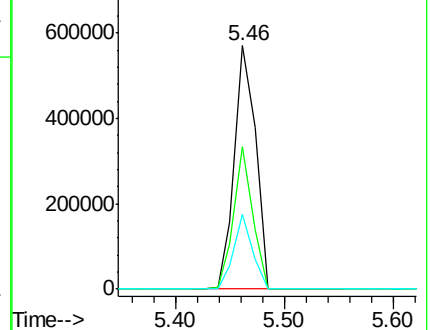
63 30.5 21.8 32.8

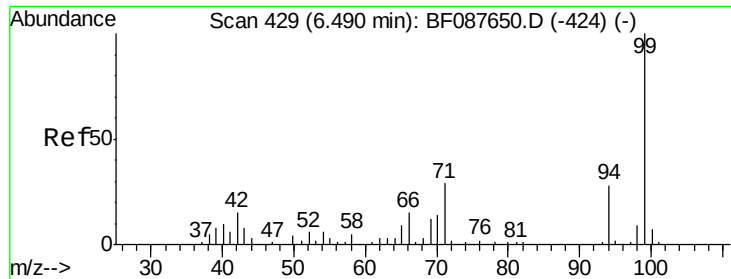


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.17 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)C

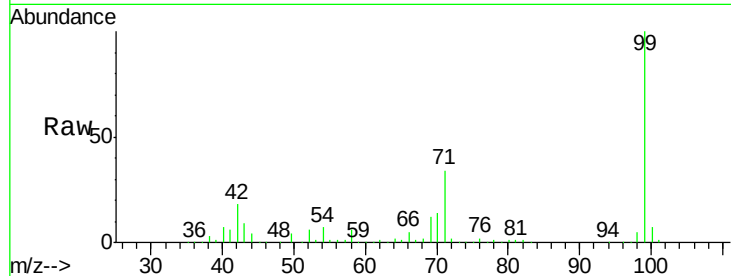
Tot Ion: 99 Resp: 1033838

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

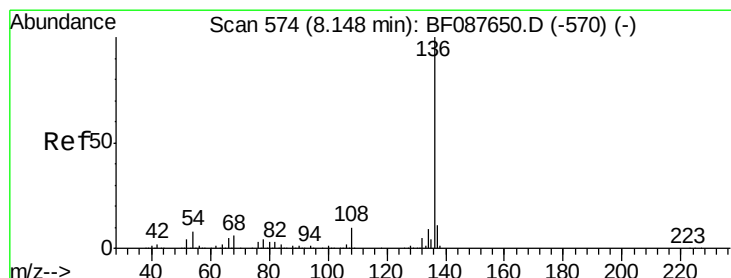
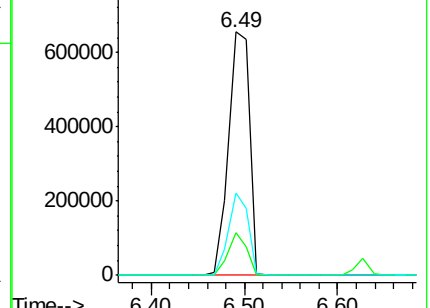
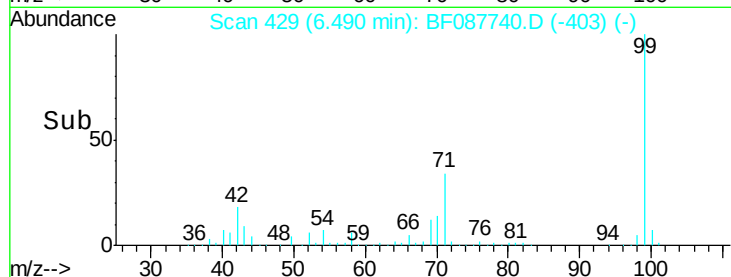
71 33.6 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Tgt Ion: 136 Resp: 571088

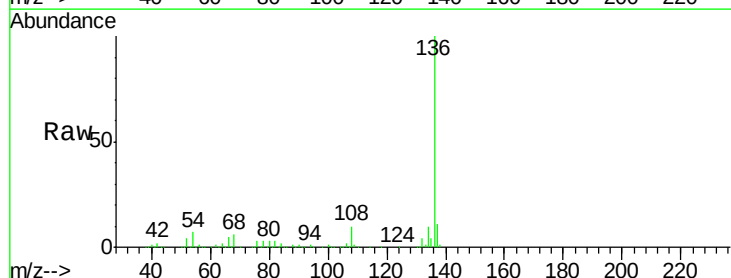
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.8 6.6 10.0

68 5.6 5.1 7.7

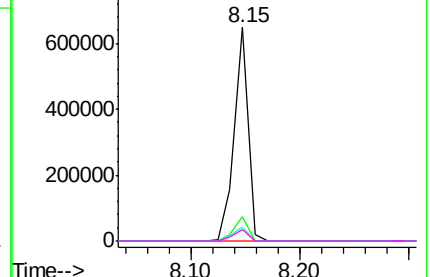
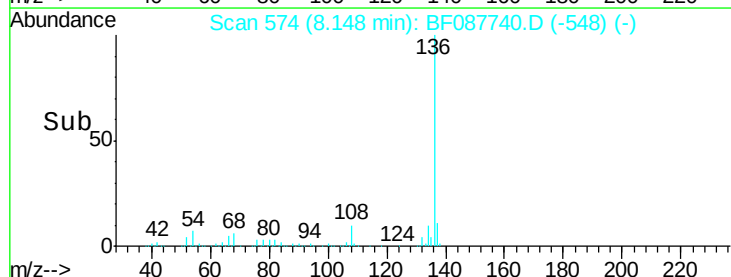


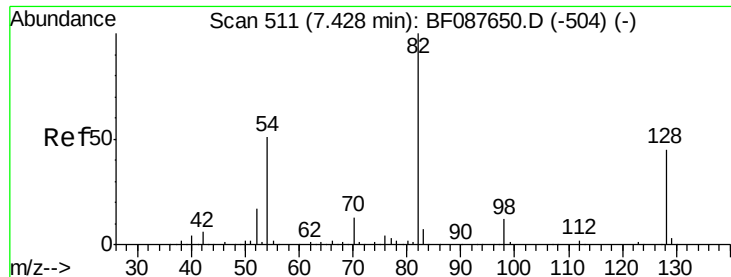
Abundance Ion 136.00 (135.70 to 136.70): E

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

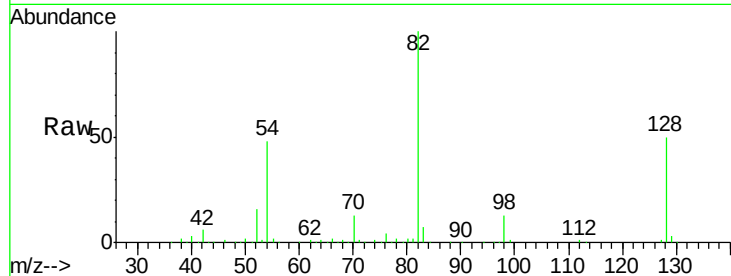




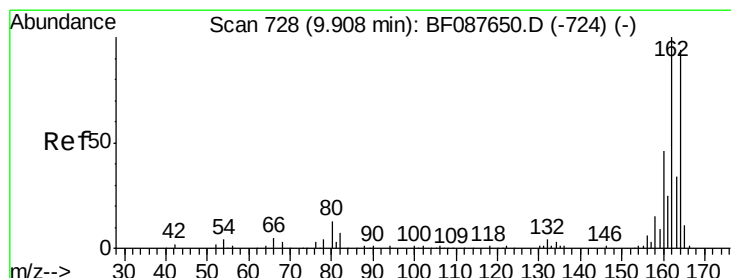
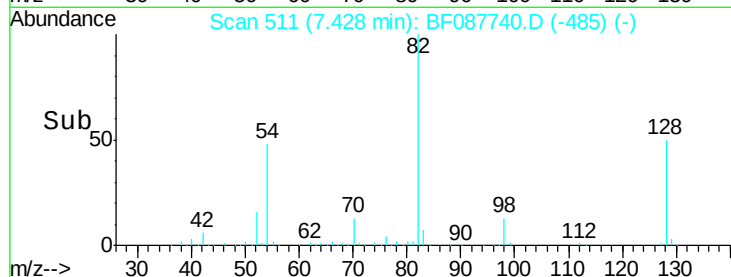
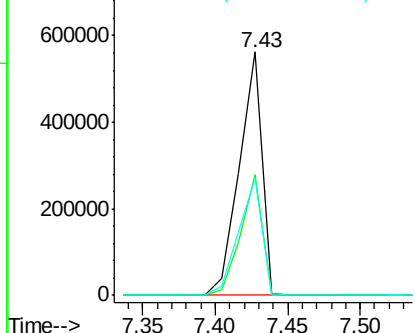
#23
Nitrobenzene-d5
Concen: 61.79 ng
RT: 7.43 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF087740.D
Acq: 6 Jun 2016 7:20

Instrument :
BNA_F
ClientSampleId :
U5-B2(0-10)C

Tot Ion: 82 Resp: 609921
Ion Ratio Lower Upper
82 100
128 49.5 35.9 53.9
54 48.0 40.9 61.3

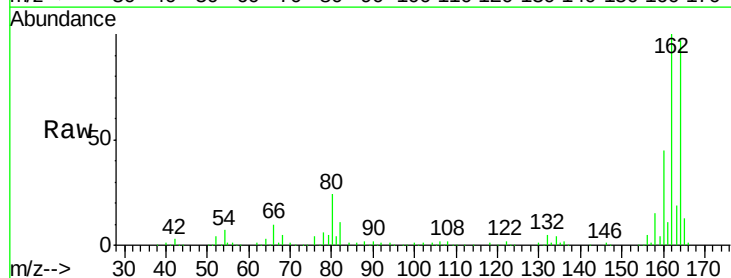


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

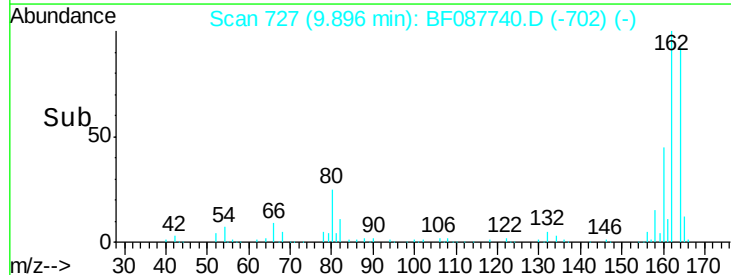
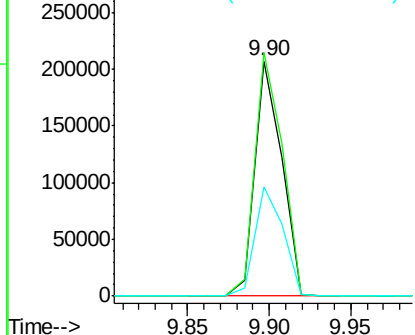


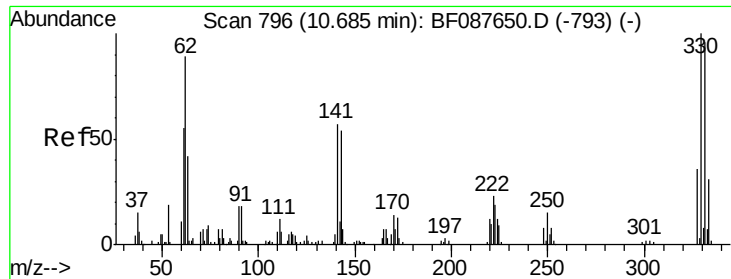
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF087740.D
Acq: 6 Jun 2016 7:20

Tgt Ion: 164 Resp: 236261
Ion Ratio Lower Upper
164 100
162 103.6 85.4 128.2
160 46.3 39.5 59.3



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: 71.78 ng

RT: 10.68 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)C

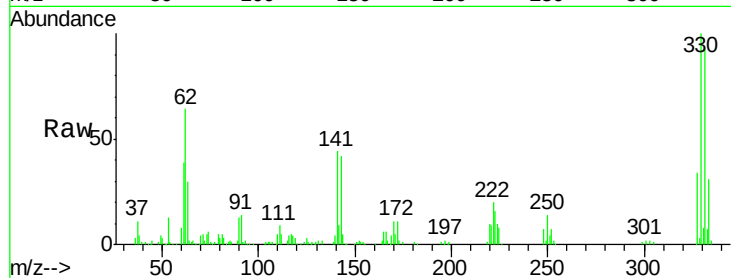
Tot Ion:330 Resp: 170233

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

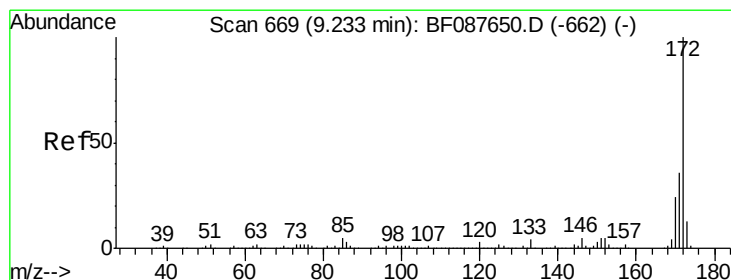
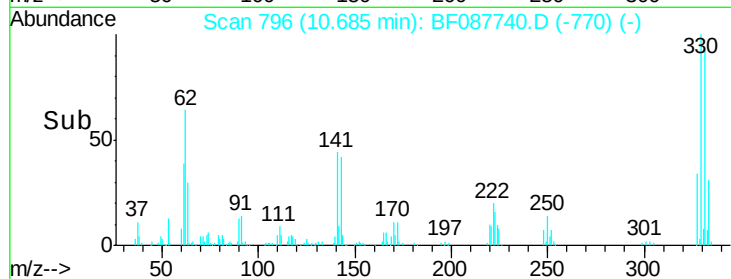
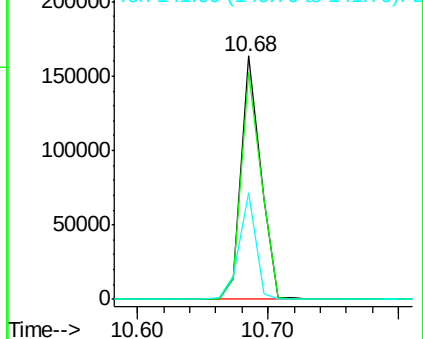
141 37.2 0.0 0.0#



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: 60.90 ng

RT: 9.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

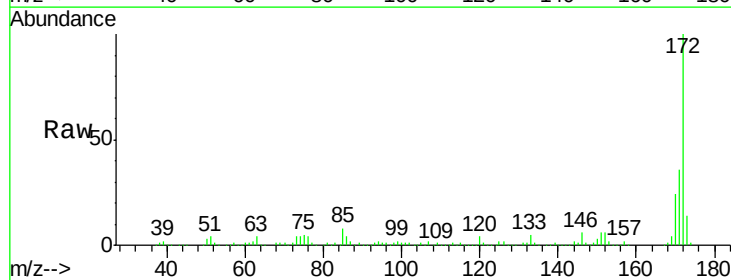
Tgt Ion:172 Resp: 1023288

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

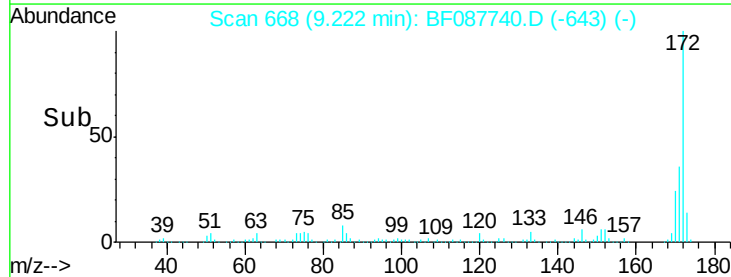
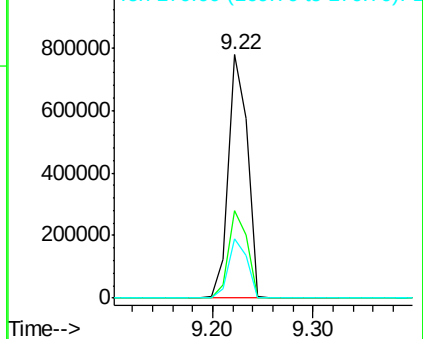
170 24.1 19.2 28.8

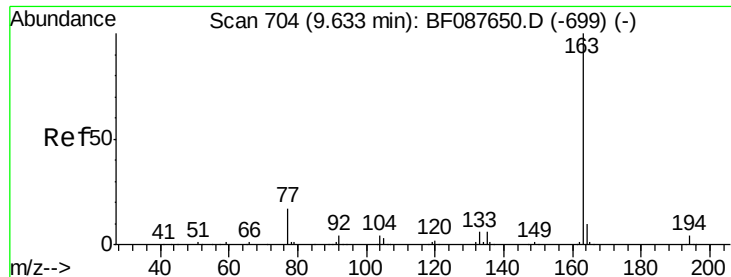


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 24.04 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)C

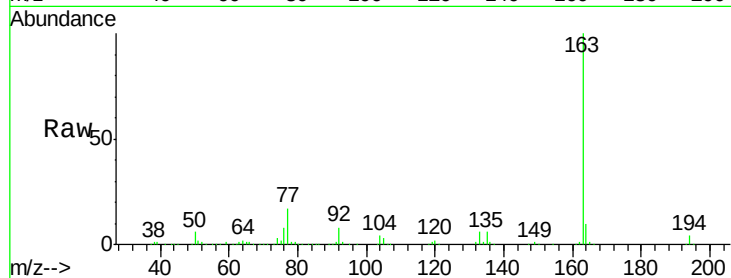
Tot Ion:163 Resp: 412871

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

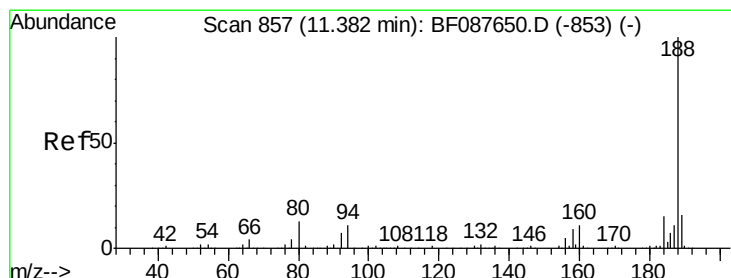
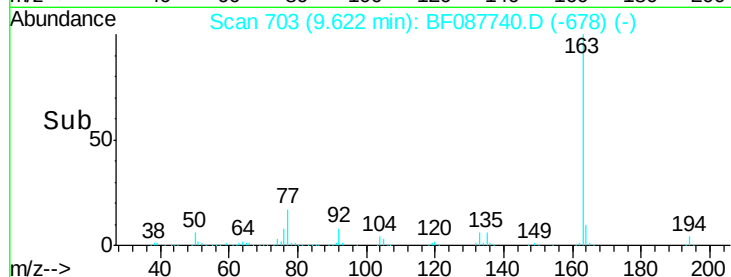
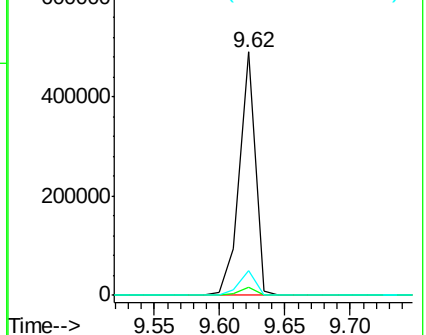
164 10.2 8.3 12.5



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: 11.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

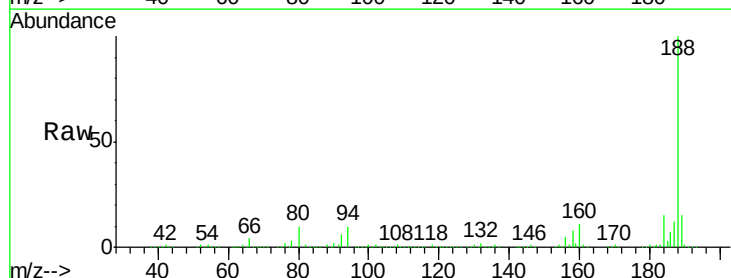
Tgt Ion:188 Resp: 384340

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.6

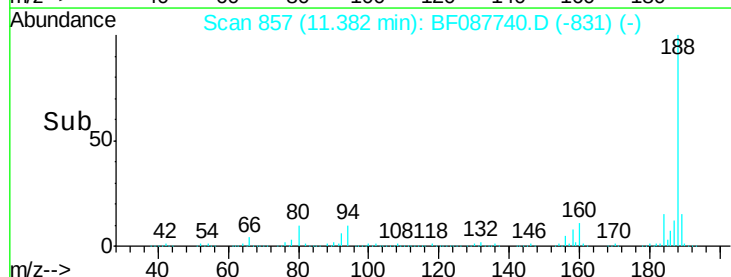
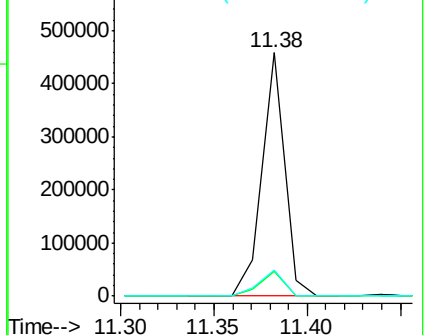
80 10.5 10.0 15.0

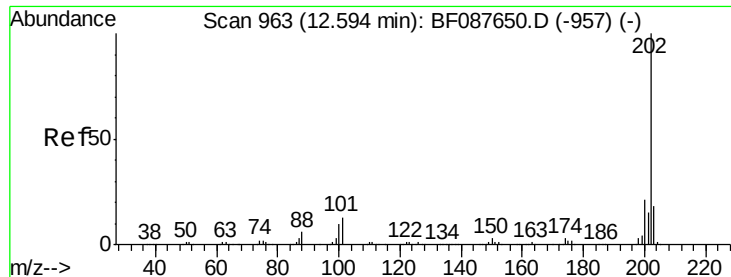


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.63 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

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ClientSampleId :

U5-B2(0-10)C

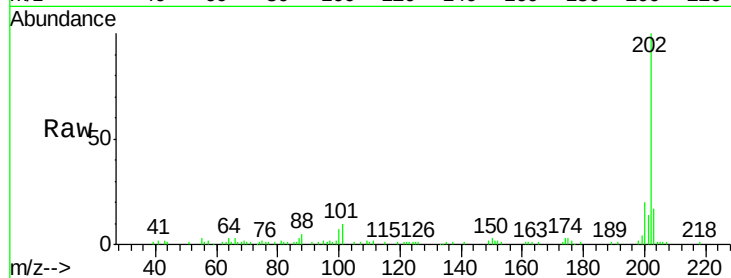
Tot Ion:202 Resp: 54024

Ion Ratio Lower Upper

202 100

101 10.1 0.0 33.1

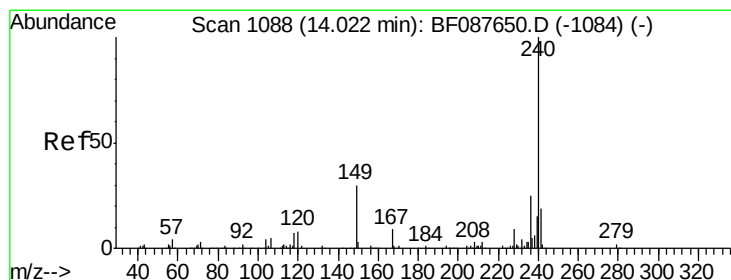
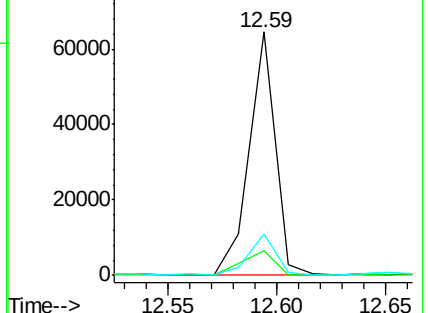
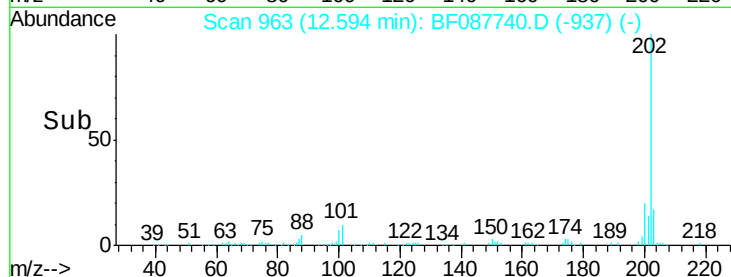
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

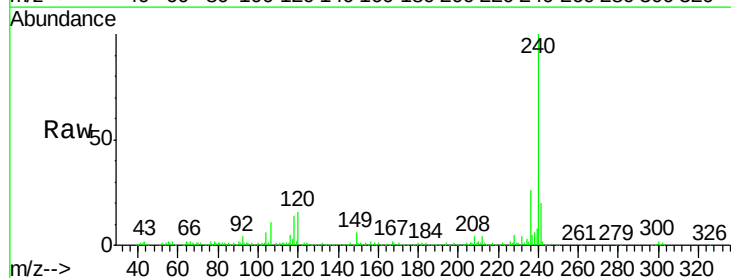
Tgt Ion:240 Resp: 275482

Ion Ratio Lower Upper

240 100

120 16.3 6.8 10.2#

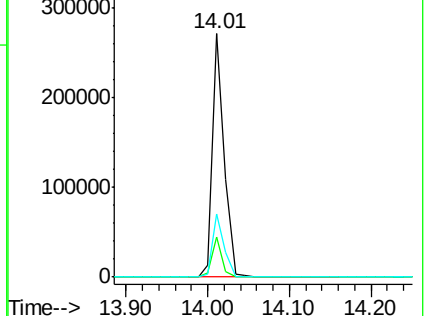
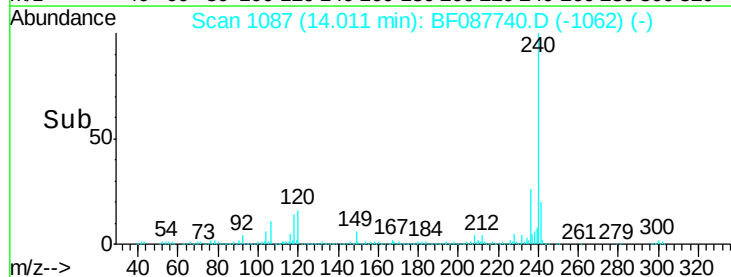
236 26.1 20.2 30.2

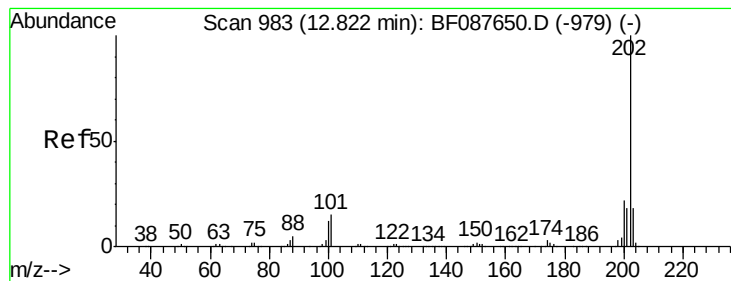


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.55 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

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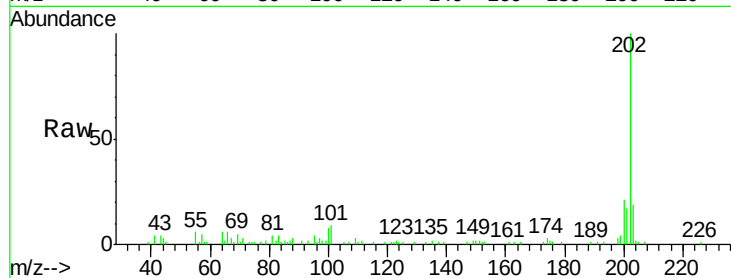
Tot Ion:202 Resp: 50025

Ion Ratio Lower Upper

202 100

200 20.5 17.4 26.2

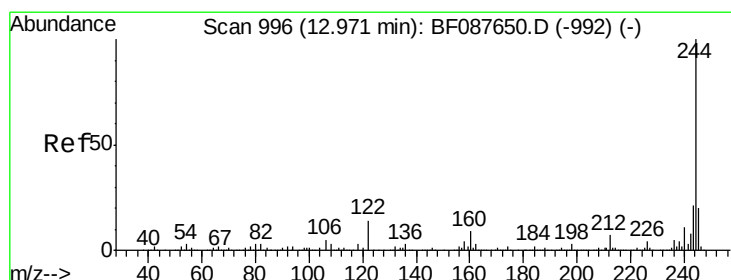
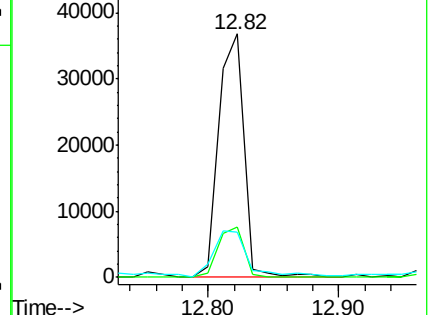
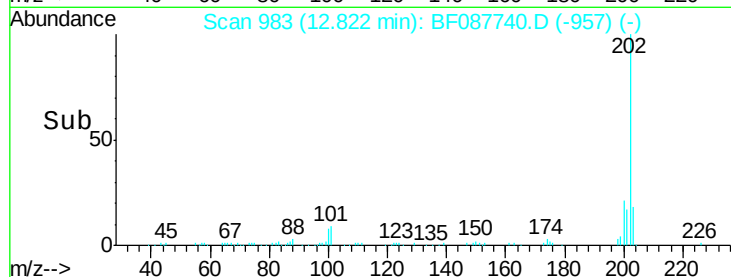
203 18.6 14.5 21.7



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: 60.70 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

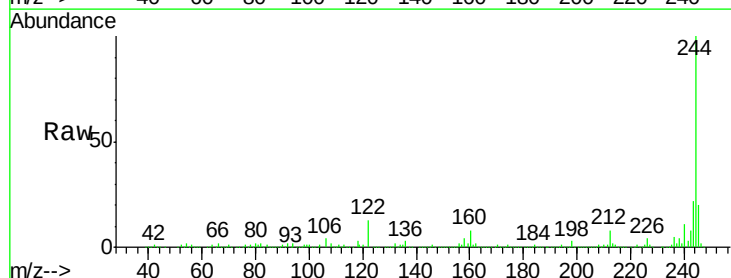
Tgt Ion:244 Resp: 685288

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

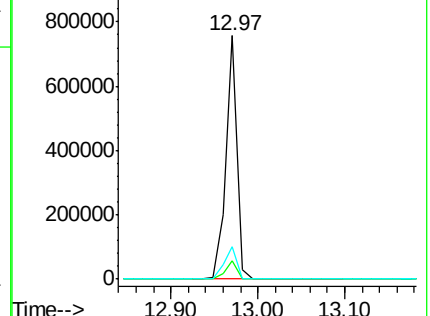
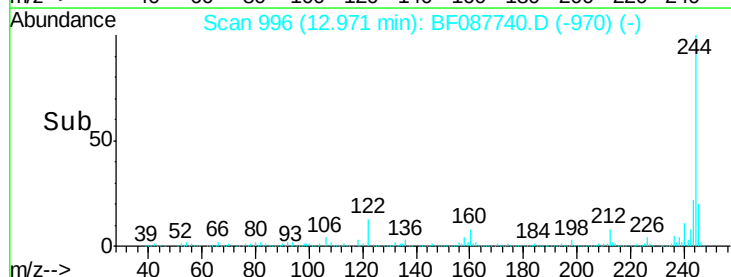
122 13.1 11.2 16.8

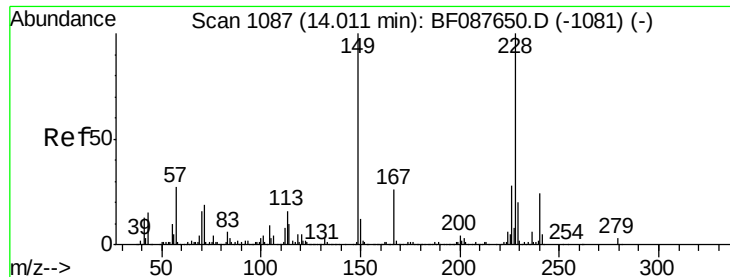


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.78 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

Instrument :

BNA_F

ClientSampleId :

U5-B2(0-10)C

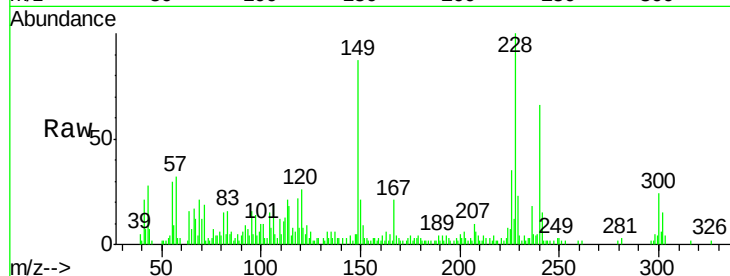
Tot Ion:149 Resp: 37532

Ion Ratio Lower Upper

149 100

167 24.0 20.5 30.7

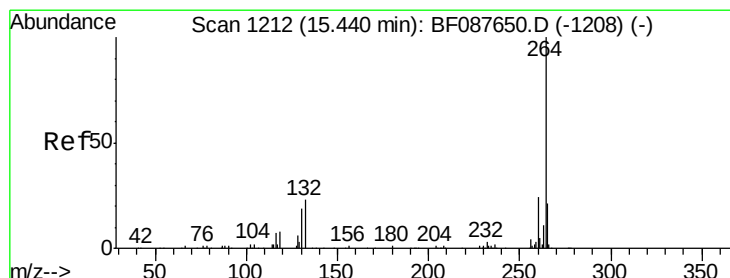
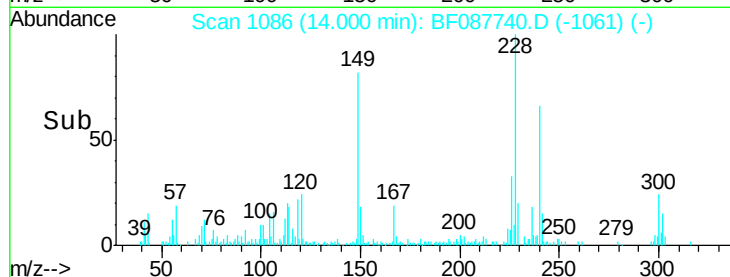
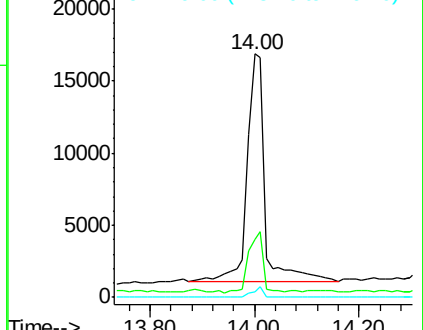
279 2.5 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF087740.D

Acq: 6 Jun 2016 7:20

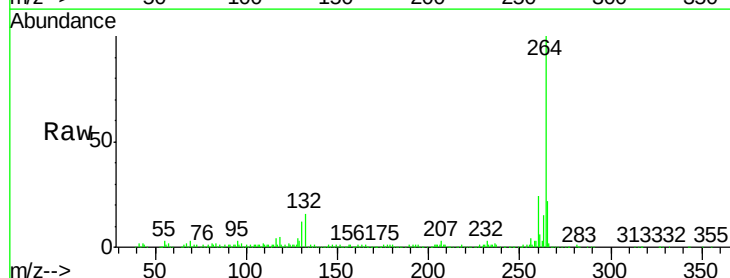
Tgt Ion:264 Resp: 243060

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 16.9 25.3



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

