

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086191.D
 Acq On : 9 Apr 2016 2:02
 Operator : UM/SJ
 Sample : H2334-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-12-04062016

Quant Time: Apr 09 05:49:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

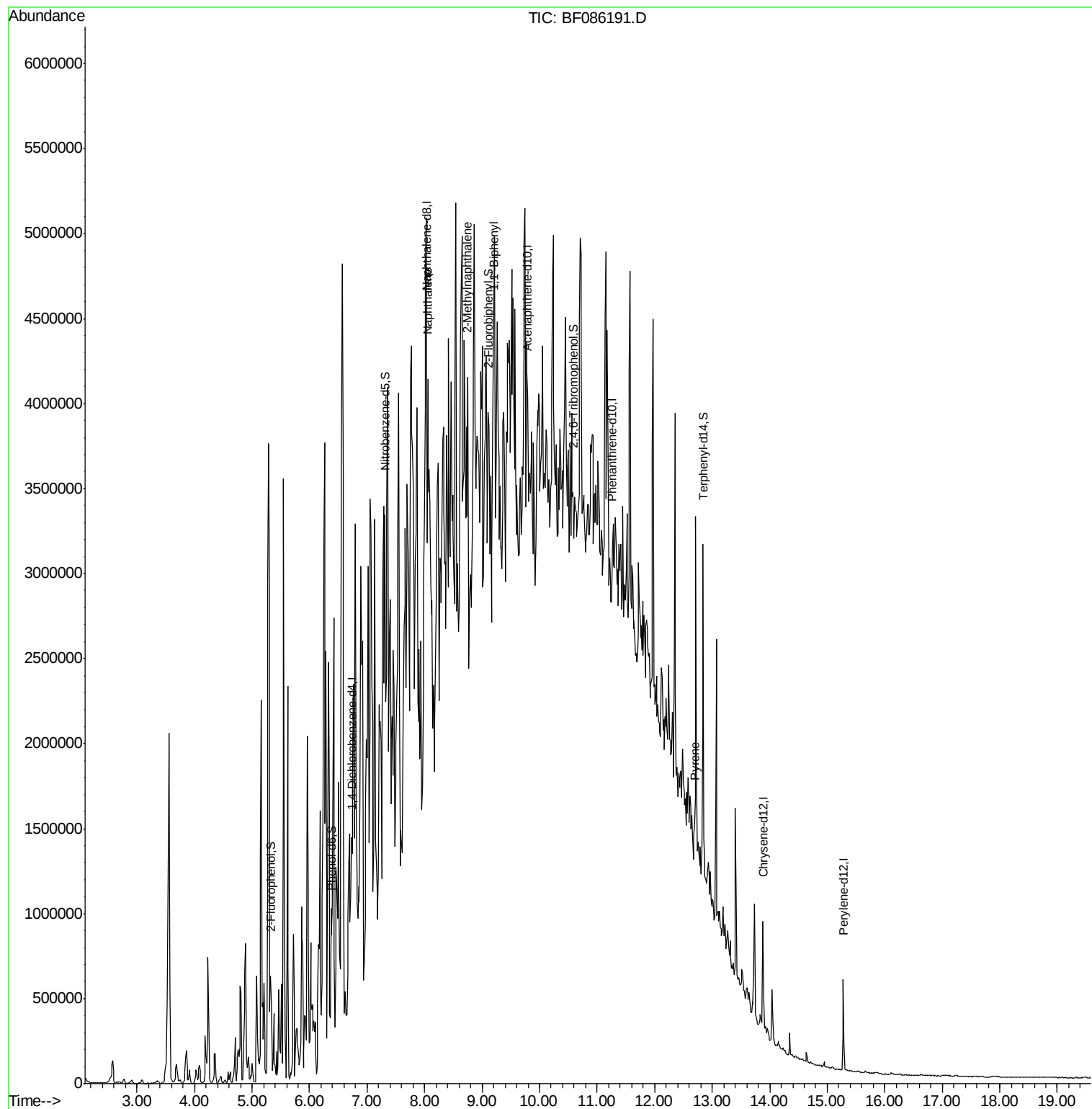
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	112495	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	196245	20.00	ng	-0.03
38) Acenaphthene-d10	9.79	164	155276	20.00	ng	-0.02
63) Phenanthrene-d10	11.26	188	251004	20.00	ng	-0.03
75) Chrysene-d12	13.88	240	223718	20.00	ng	-0.05
86) Perylene-d12	15.28	264	214865	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	257450	39.12	ng	-0.05
7) Phenol-d6	6.38	99	215518	25.78	ng	-0.03
23) Nitrobenzene-d5	7.31	82	539094	162.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	100830	69.18	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	775326	83.02	ng	-0.03
78) Terphenyl-d14	12.84	244	697969	73.34	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.05	128	826684	83.75	ng	# 93
37) 2-Methylnaphthalene	8.75	142	675193	104.71	ng	97
45) 1,1'-Biphenyl	9.21	154	122854	9.18	ng	95
77) Pyrene	12.69	202	51856	3.29	ng	# 93

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086191.D

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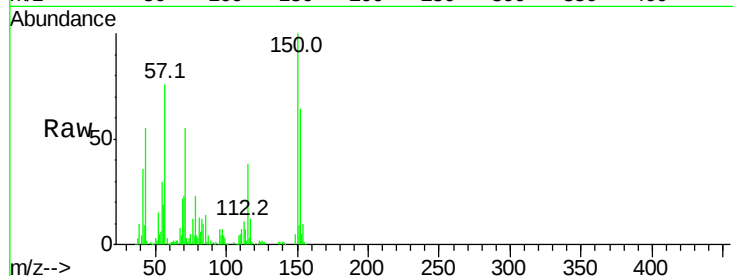
Tot Ion:152 Resp: 112495

Ion Ratio Lower Upper

152 100

150 157.2 124.2 186.2

115 60.5 47.0 70.6



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

200000

150000

100000

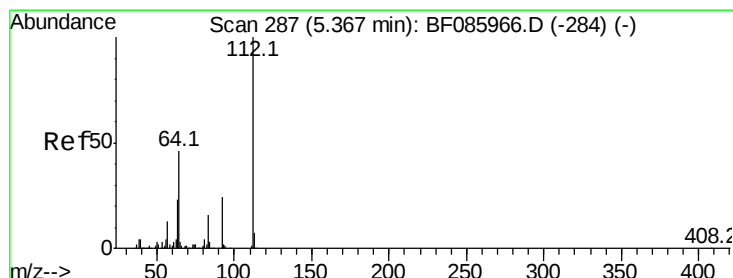
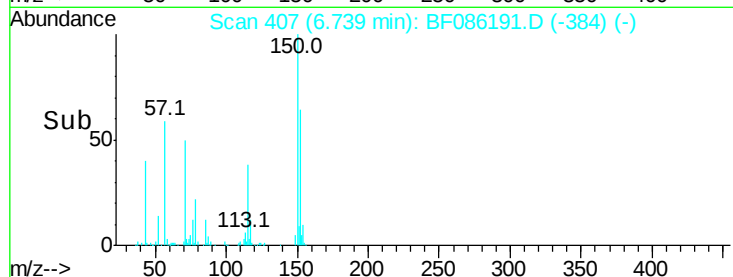
50000

0

6.60 6.65 6.70 6.75 6.80

6.74

Time-->



#5

2-Fluorophenol

Concen: 39.12 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.05 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

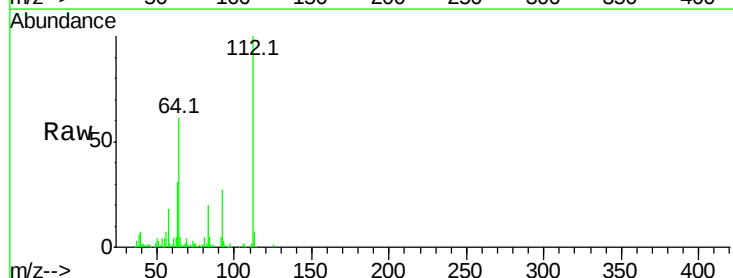
Tgt Ion:112 Resp: 257450

Ion Ratio Lower Upper

112 100

64 61.0 39.9 59.9#

63 31.4 20.2 30.2#



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

200000

150000

100000

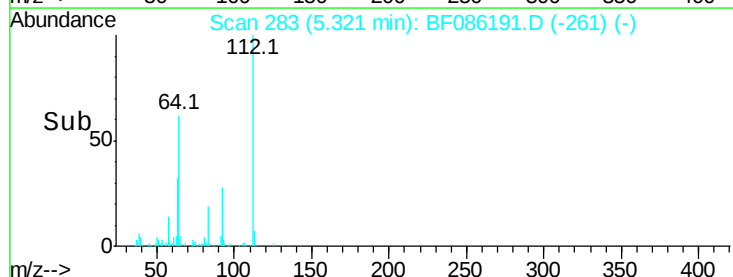
50000

0

5.20 5.30 5.40

5.32

Time-->





#7

Phenol-d6

Concen: 25.78 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

Instrument :

BNA_F

ClientSampleId :

TW-12-04062016

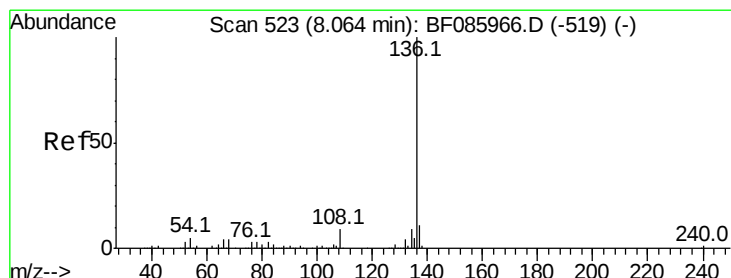
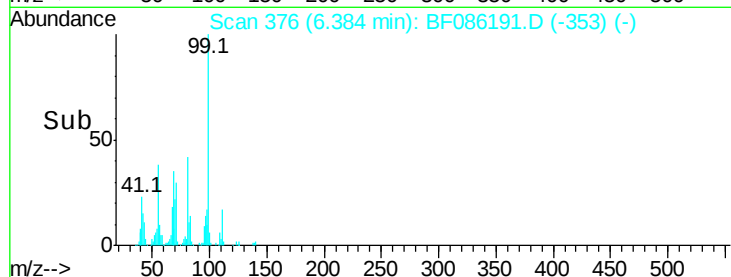
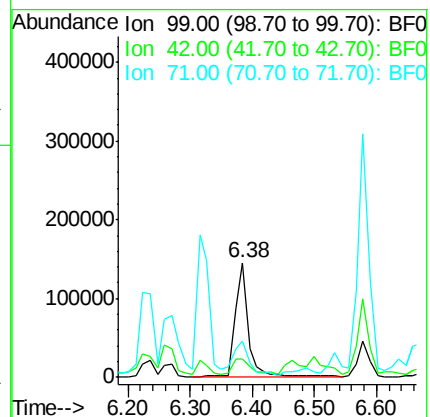
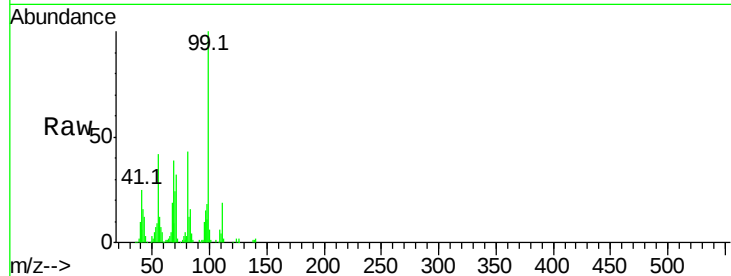
Tot Ion: 99 Resp: 215518

Ion Ratio Lower Upper

99 100

42 15.8 11.1 16.7

71 31.5 24.9 37.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

Tgt Ion: 136 Resp: 196245

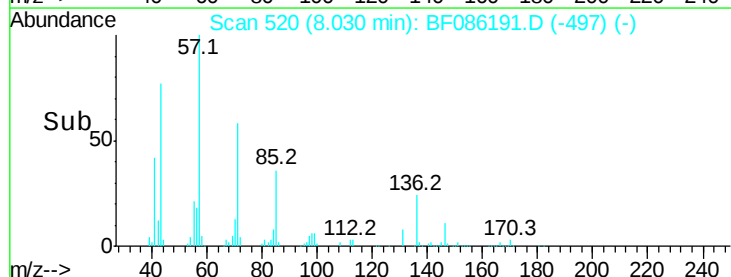
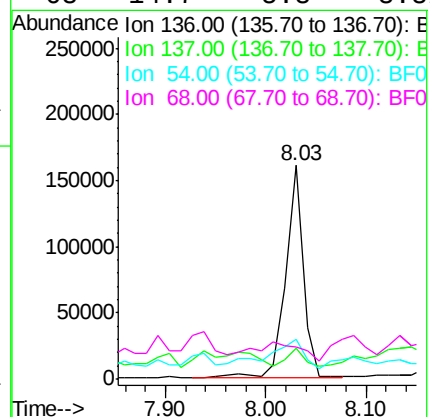
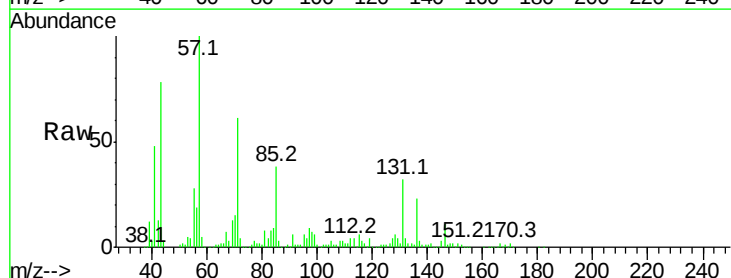
Ion Ratio Lower Upper

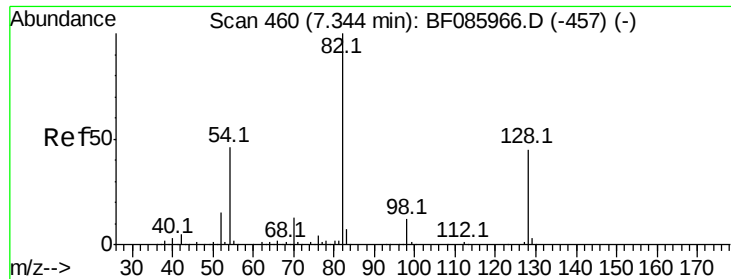
136 100

137 14.2 9.1 13.7#

54 18.7 7.4 11.0#

68 14.7 5.8 8.8#

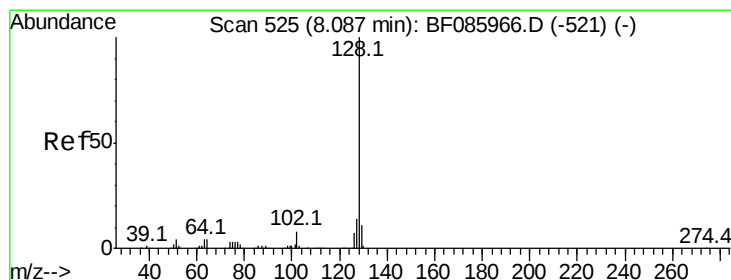
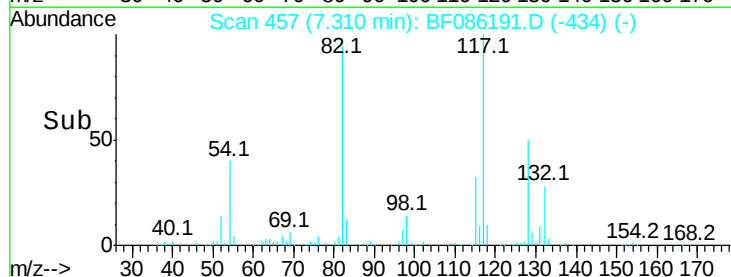
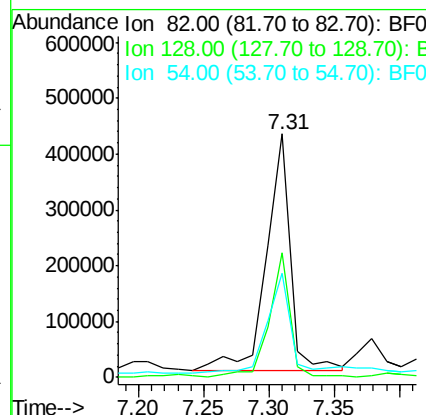
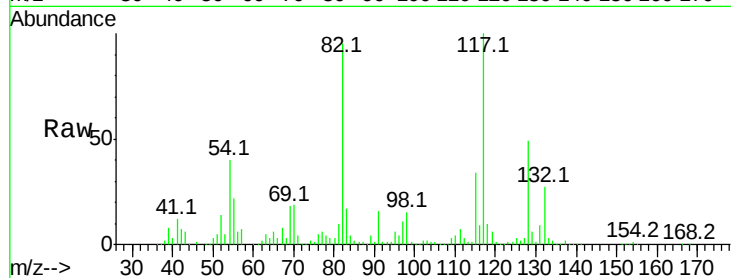




#23
Nitrobenzene-d5
Concen: 162.00 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086191.D
Acq: 9 Apr 2016 2:02

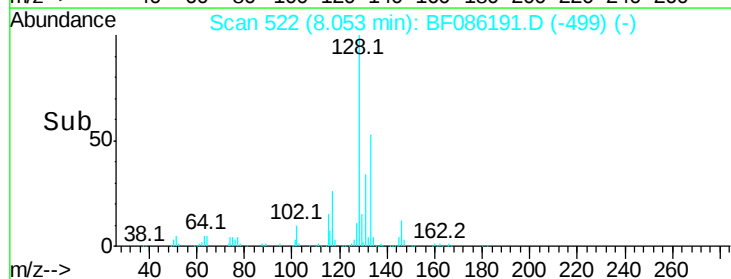
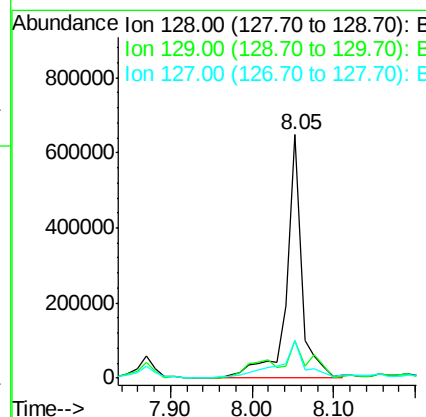
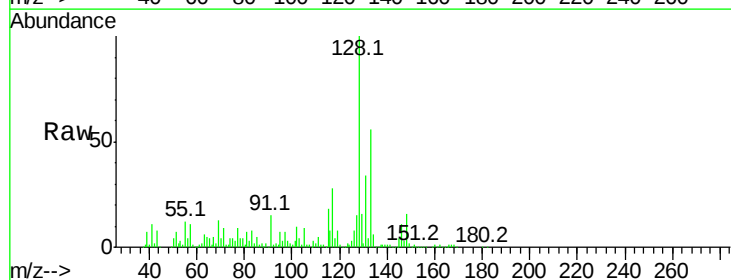
Instrument :
BNA_F
ClientSampleId :
TW-12-04062016

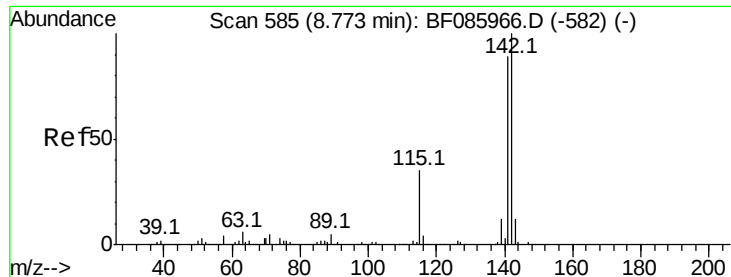
Tot Ion	82	Resp	539094
Ion Ratio	100	Lower	Upper
128	51.2	41.8	62.8
54	42.6	33.4	50.0



#31
Naphthalene
Concen: 83.75 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF086191.D
Acq: 9 Apr 2016 2:02

Tgt Ion	128	Resp	826684
Ion Ratio	100	Lower	Upper
129	15.6	9.4	14.0#
127	15.2	11.0	16.6

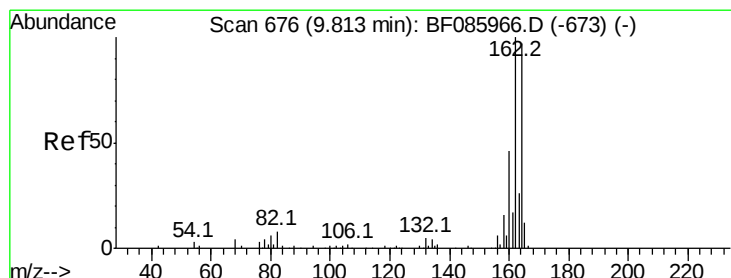
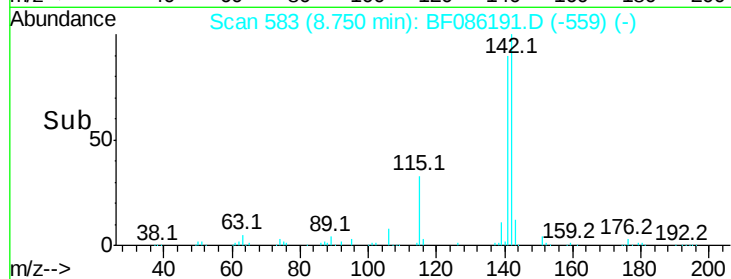
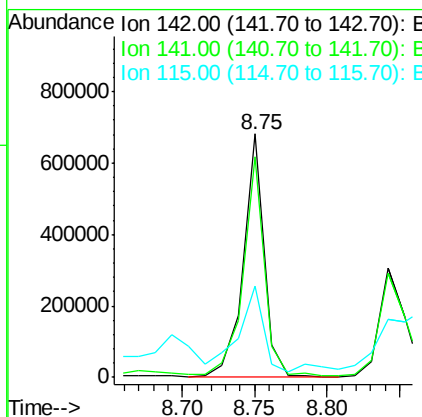
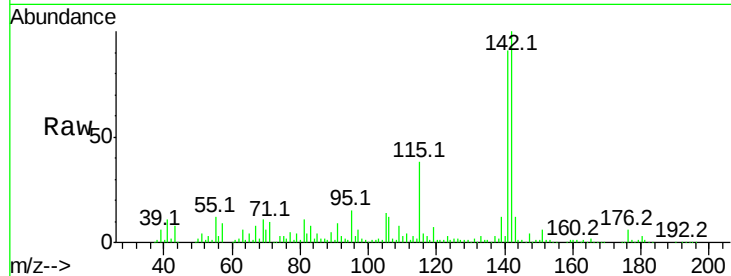




#37
 2-Methylnaphthalene
 Concen: 104.71 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: BF086191.D
 Acq: 9 Apr 2016 2:02

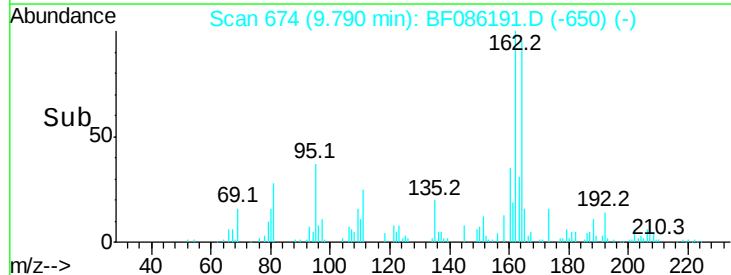
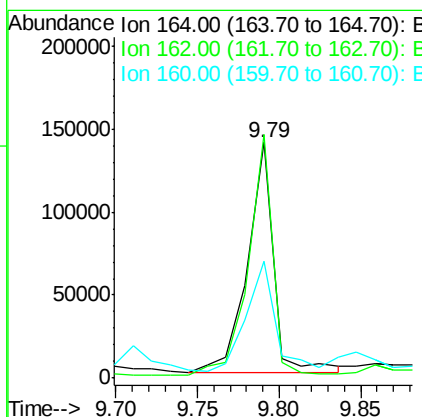
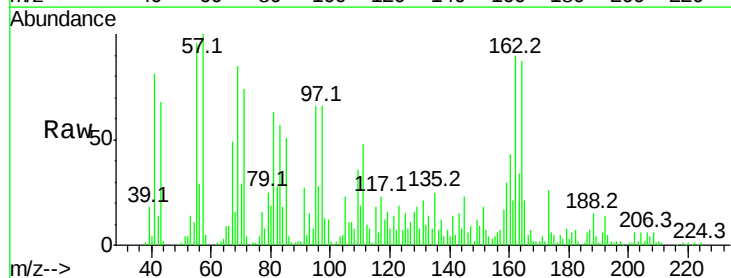
Instrument :
 BNA_F
 ClientSampleId :
 TW-12-04062016

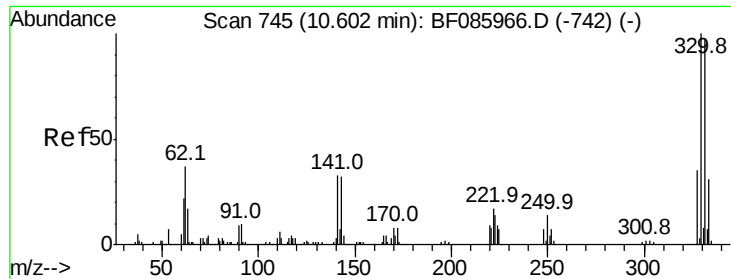
Tot Ion:142 Resp: 675193
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.6 107.4
 115 37.6 26.8 40.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF086191.D
 Acq: 9 Apr 2016 2:02

Tgt Ion:164 Resp: 155276
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.1 123.1
 160 49.8 37.4 56.2

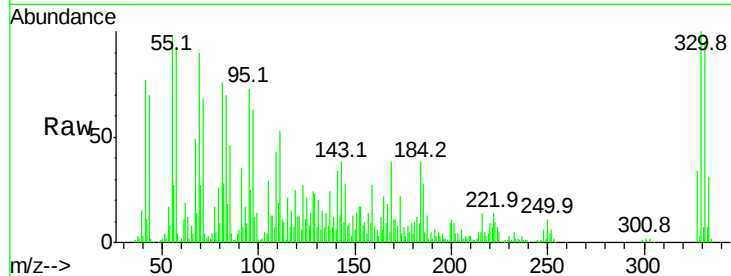




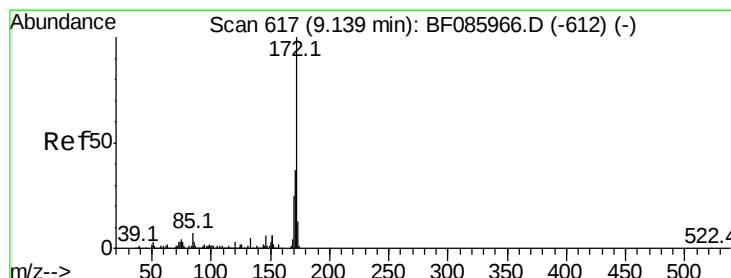
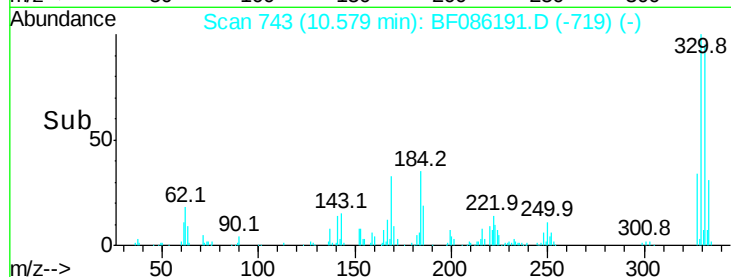
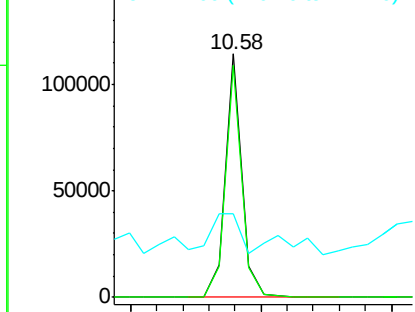
#41
 2,4,6-Tribromophenol
 Concen: 69.18 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086191.D
 Acq: 9 Apr 2016 2:02

Instrument :
 BNA_F
 ClientSampleId :
 TW-12-04062016

Tot Ion:330 Resp: 100830
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.2 117.2
 141 40.6 31.5 47.3

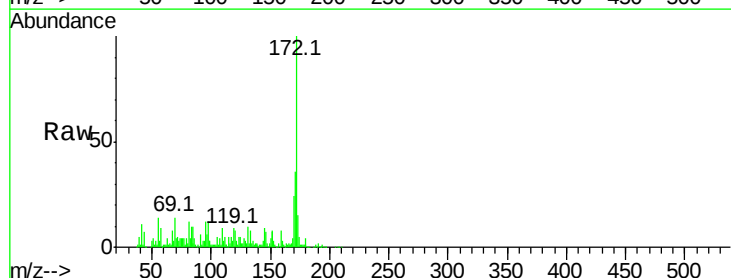


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

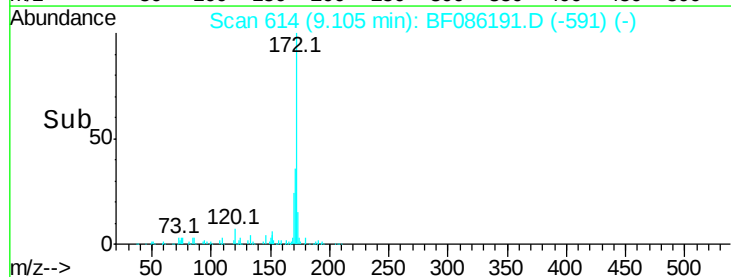
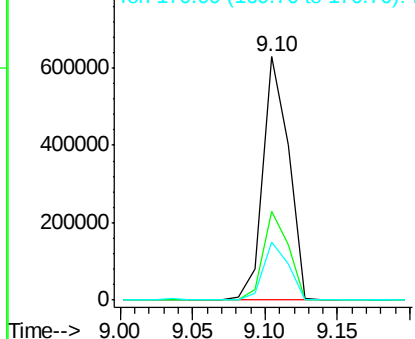


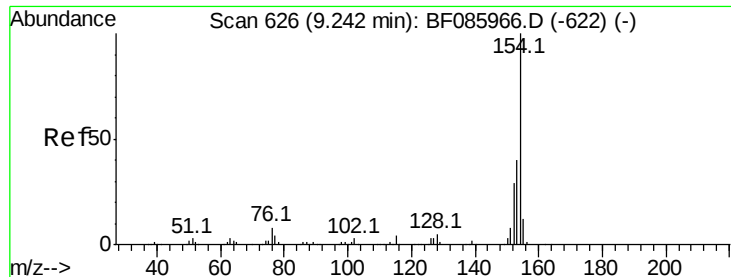
#44
 2-Fluorobiphenyl
 Concen: 83.02 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086191.D
 Acq: 9 Apr 2016 2:02

Tgt Ion:172 Resp: 775326
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 23.9 19.8 29.6



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





#45

1,1'-Biphenyl

Concen: 9.18 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

Instrument :

BNA_F

ClientSampleId :

TW-12-04062016

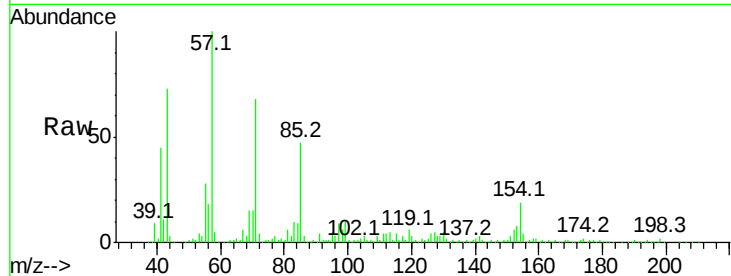
Tot Ion:154 Resp: 122854

Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

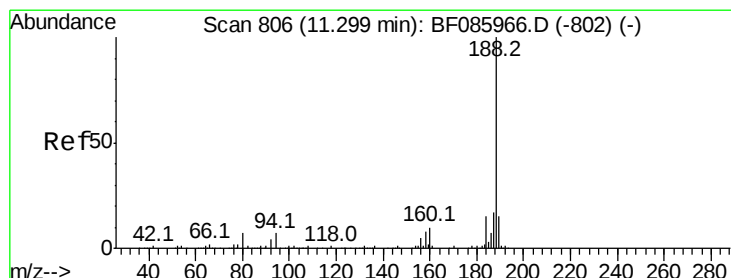
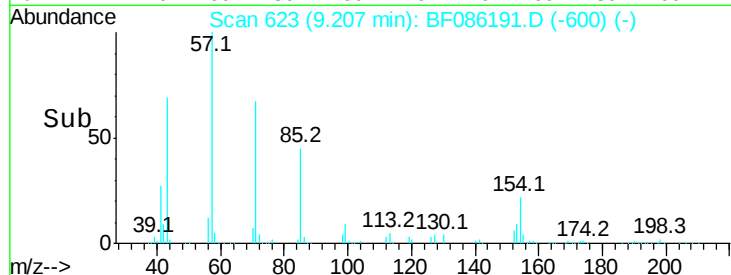
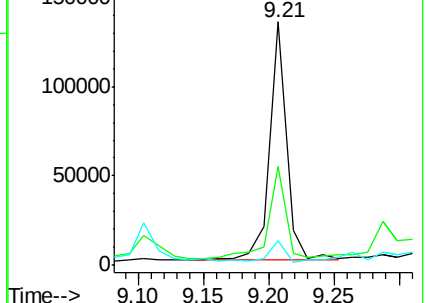
76 10.0 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

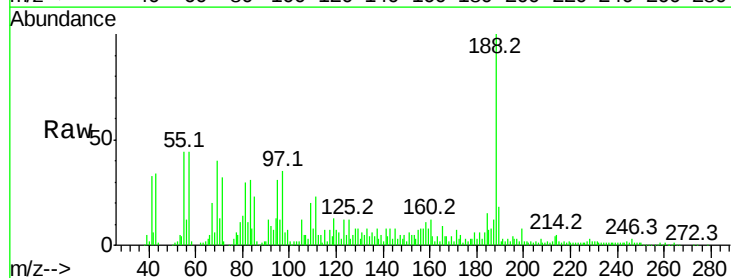
Tgt Ion:188 Resp: 251004

Ion Ratio Lower Upper

188 100

94 13.0 5.4 8.0#

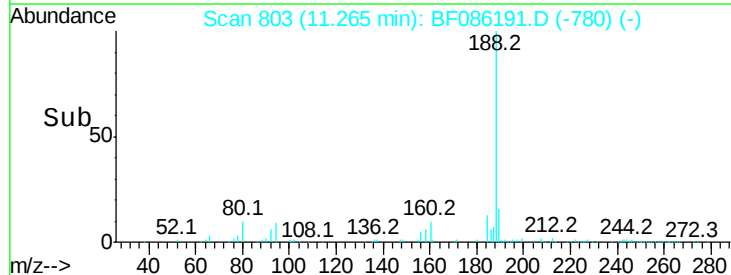
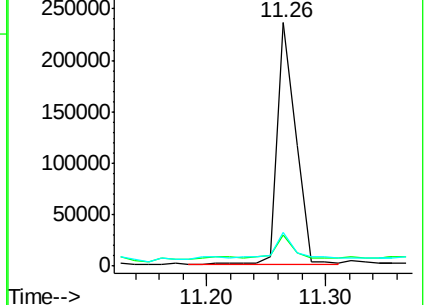
80 13.9 5.5 8.3#

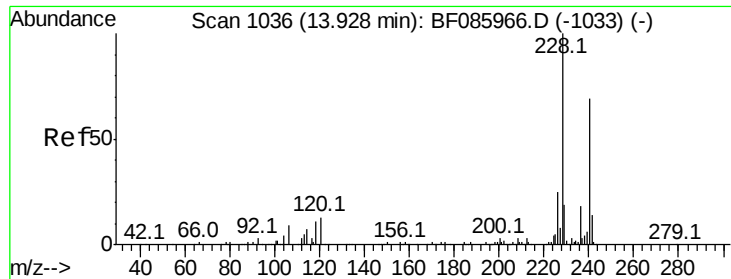


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

Instrument :

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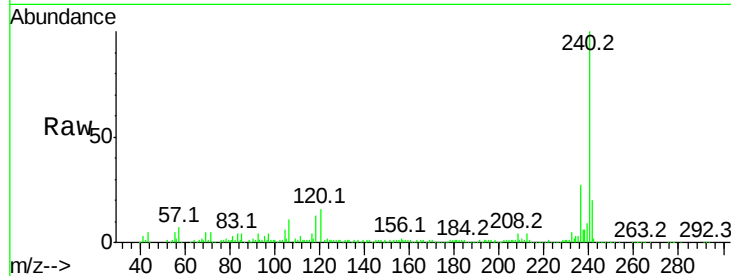
Tot Ion:240 Resp: 223718

Ion Ratio Lower Upper

240 100

120 15.6 13.8 20.8

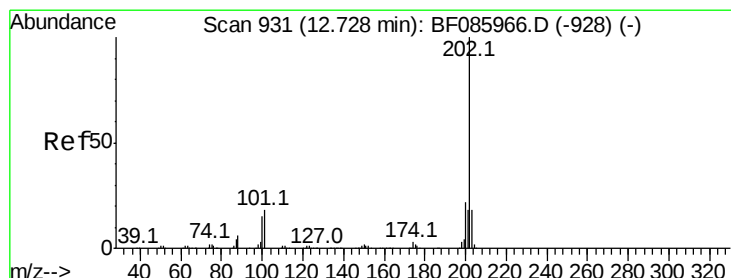
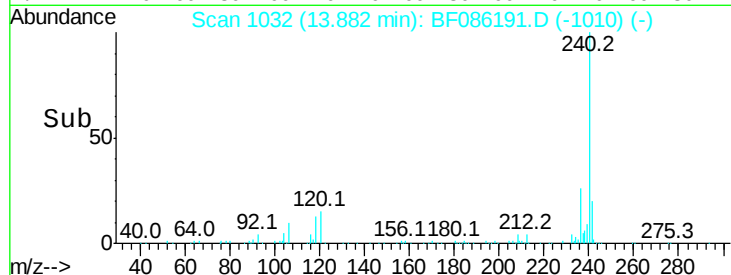
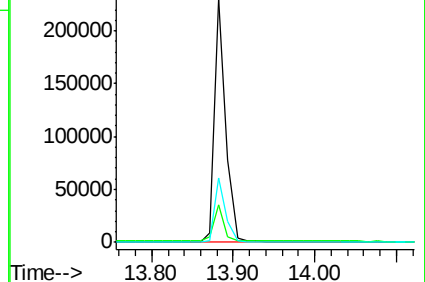
236 26.6 20.6 30.8



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



#77

Pyrene

Concen: 3.29 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

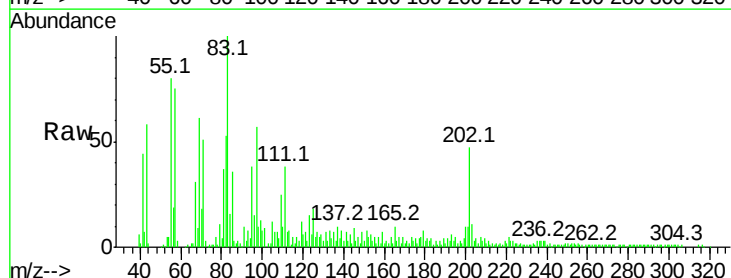
Tgt Ion:202 Resp: 51856

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

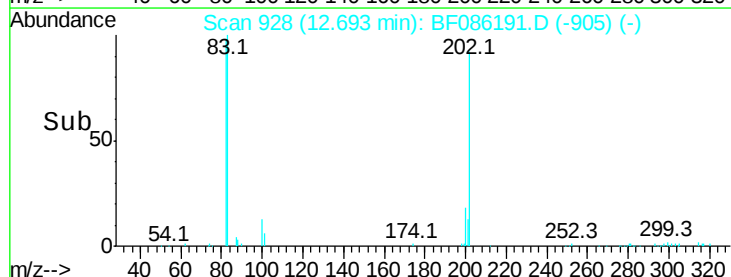
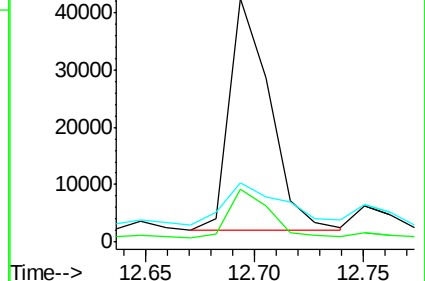
203 24.2 14.0 21.0#

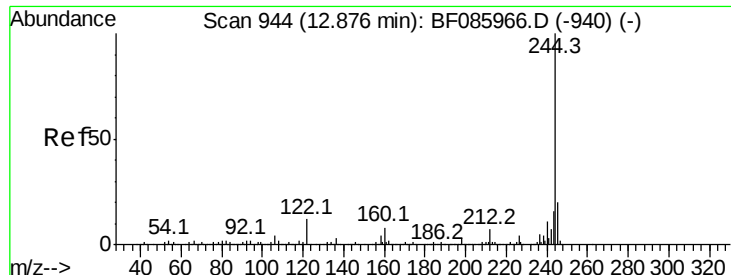


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.34 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

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TW-12-04062016

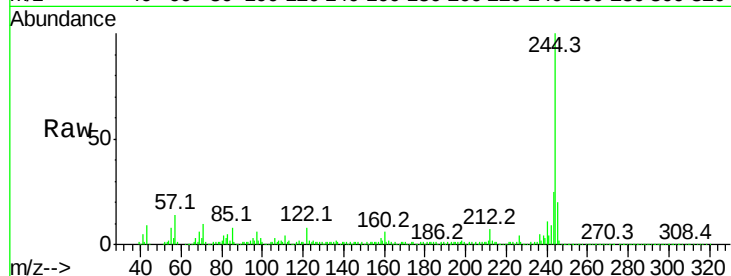
Tot Ion:244 Resp: 697969

Ion Ratio Lower Upper

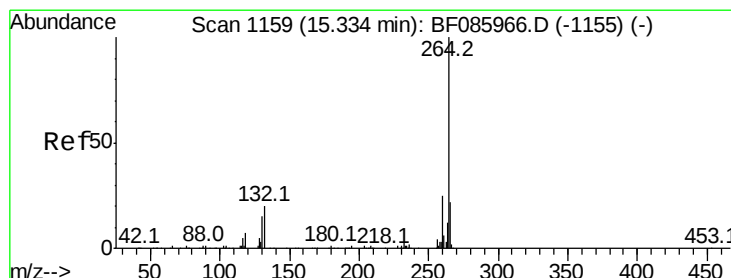
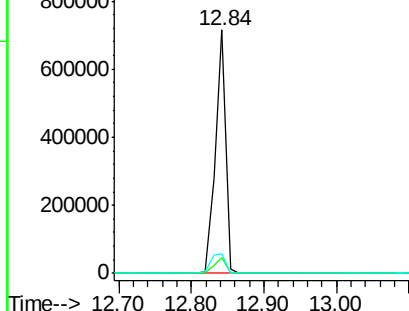
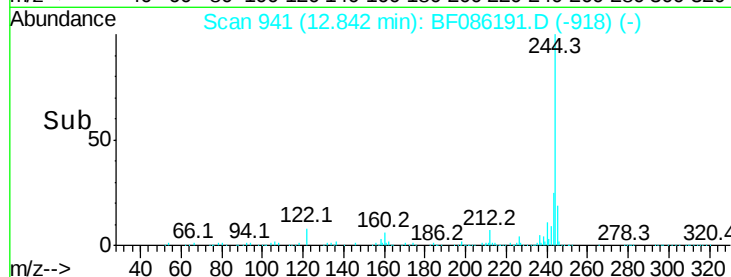
244 100

212 6.7 6.1 9.1

122 8.2 10.2 15.4#



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: 15.28 min Scan# 1154

Delta R.T. -0.06 min

Lab File: BF086191.D

Acq: 9 Apr 2016 2:02

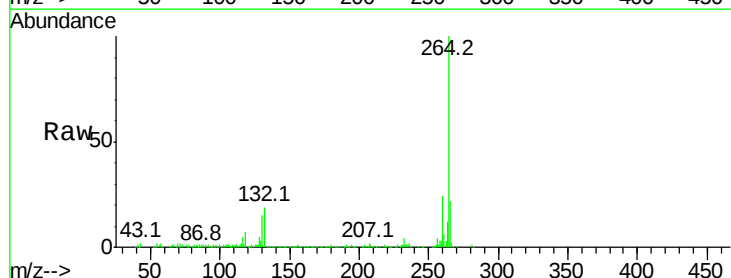
Tgt Ion:264 Resp: 214865

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.9 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

