

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087734.D
 Acq On : 6 Jun 2016 4:21
 Operator : UM/SJ
 Sample : H3397-02
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Quant Time: Jun 06 05:10:27 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

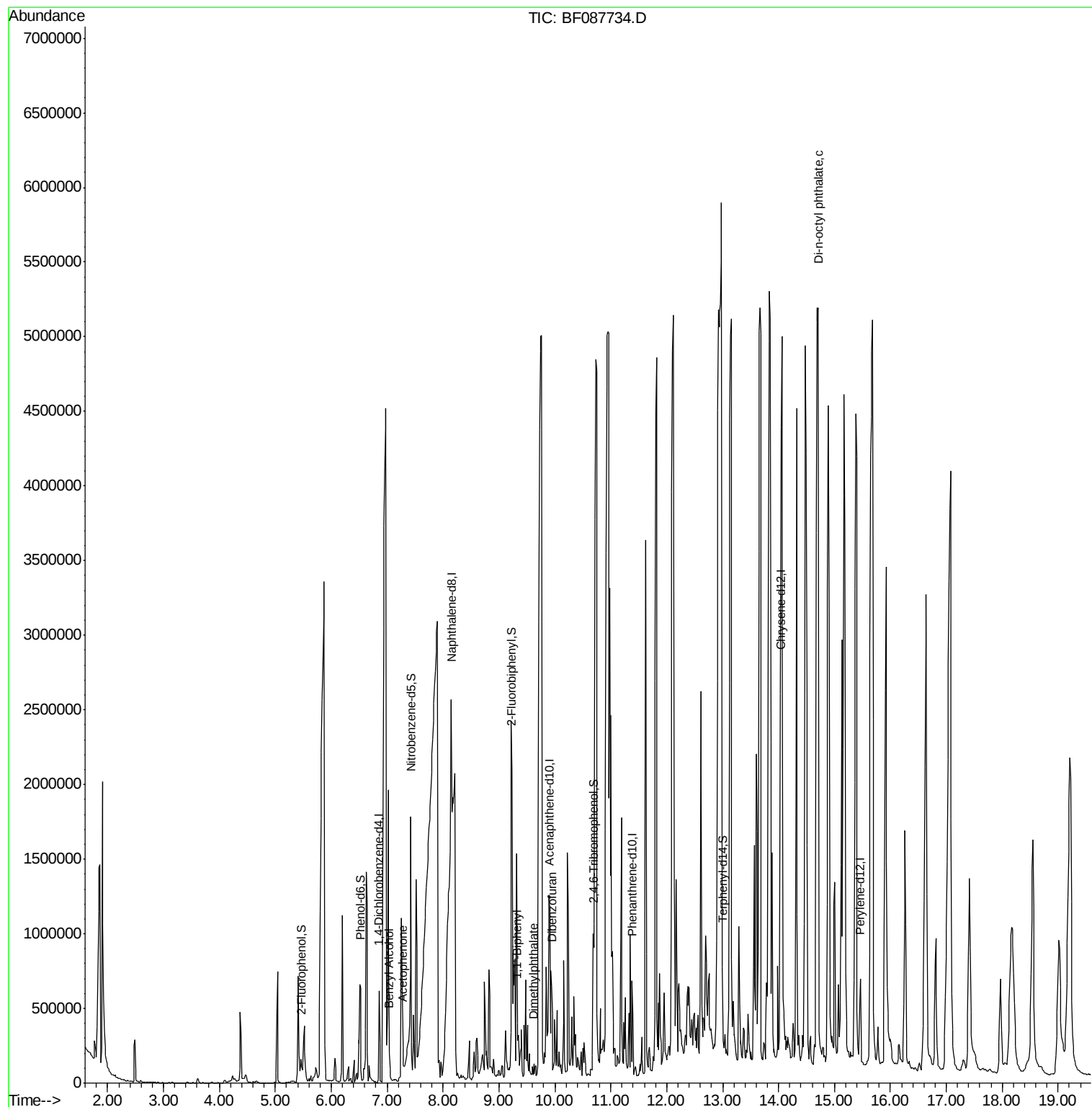
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106410	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	389202	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	196440	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	283499	20.00	ng	0.00
75) Chrysene-d12	14.03	240	220131	20.00	ng	0.01
86) Perylene-d12	15.46	264	217135	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	77331	11.75	ng	0.01
7) Phenol-d6	6.51	99	244093	29.56	ng	0.02
23) Nitrobenzene-d5	7.43	82	570585	84.82	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	159814	81.05	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1127884	89.76	ng	0.00
78) Terphenyl-d14	12.99	244	294412	32.64	ng	0.02
Target Compounds						
15) Benzyl Alcohol	7.04	79	48736	7.99	ng	Qvalue 97
22) Acetophenone	7.28	105	25013	2.84	ng	# 95
45) 1,1'-Biphenyl	9.32	154	33634	2.11	ng	97
49) Dimethylphthalate	9.62	163	29892	2.09	ng	99
54) Dibenzofuran	9.94	168	146003	8.42	ng	# 64
84) Di-n-octyl phthalate	14.71	149	967369	65.54	ng	# 100

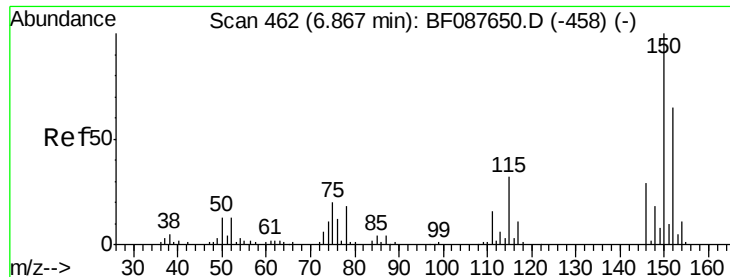
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

Instrument :

BNA_F

ClientSampleId :

EFFWW

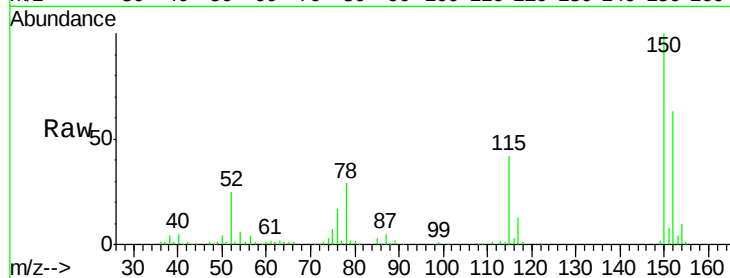
Tot Ion:152 Resp: 106410

Ion Ratio Lower Upper

152 100

150 158.8 123.8 185.6

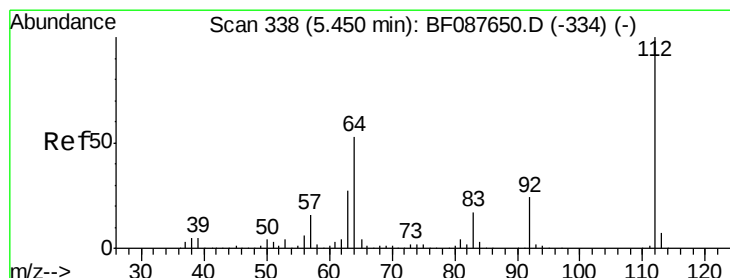
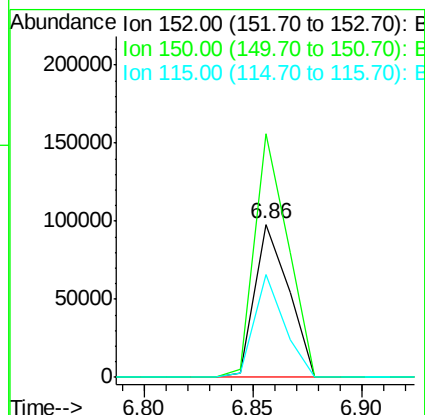
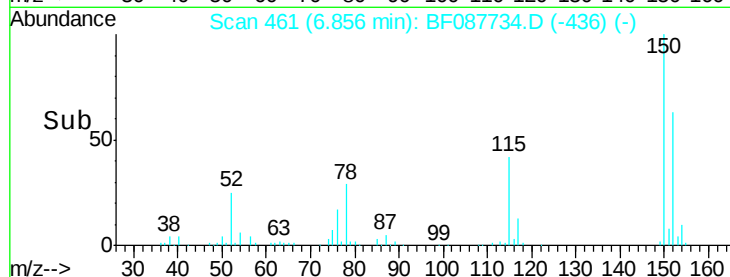
115 67.2 39.6 59.4#



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: 11.75 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

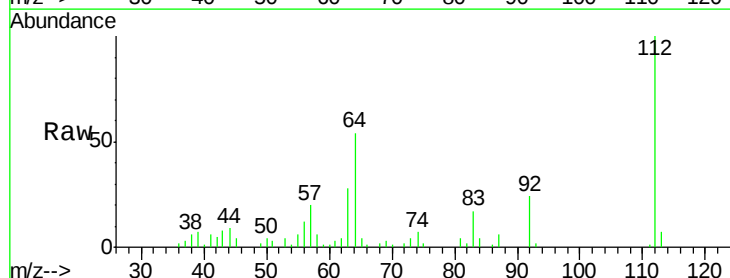
Tgt Ion:112 Resp: 77331

Ion Ratio Lower Upper

112 100

64 54.3 42.2 63.2

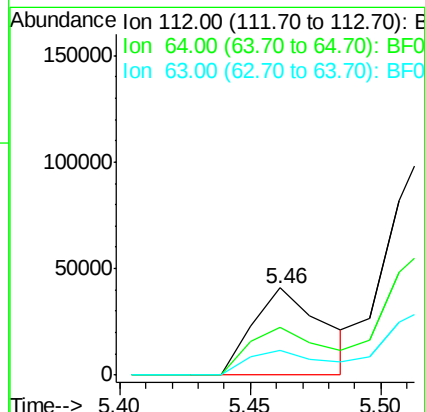
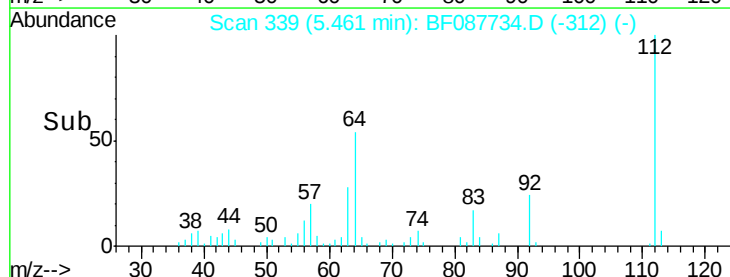
63 28.0 21.8 32.8

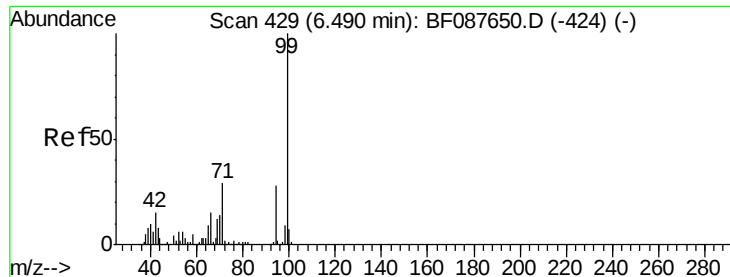


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.56 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.02 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

Instrument :

BNA_F

ClientSampleId :

EFFWW

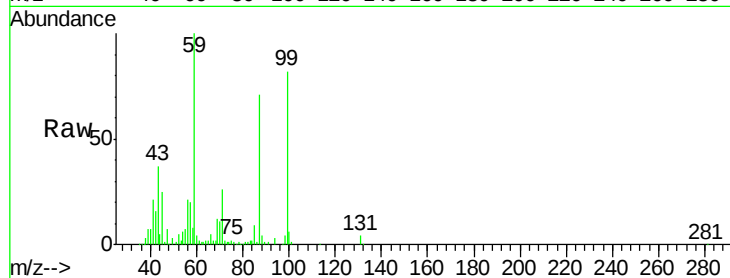
Tot Ion: 99 Resp: 244093

Ion Ratio Lower Upper

99 100

42 19.7 12.2 18.2#

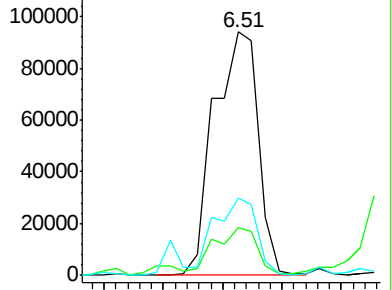
71 31.7 23.4 35.0



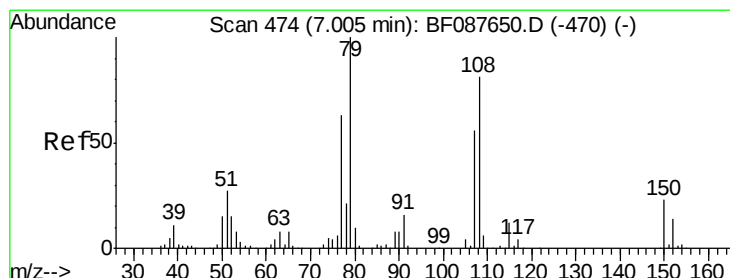
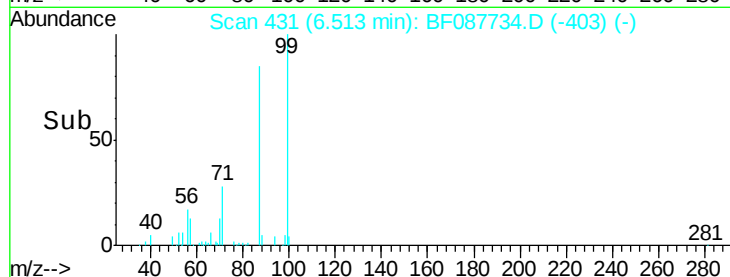
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#15

Benzyl Alcohol

Concen: 7.99 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.03 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

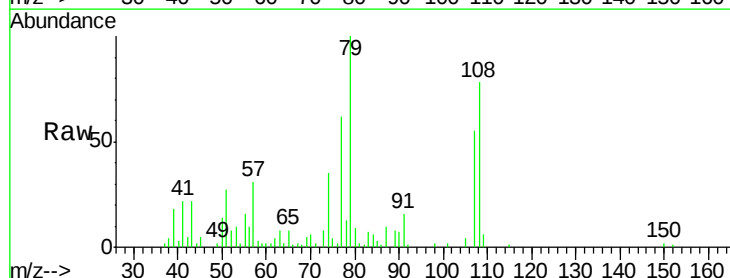
Tgt Ion: 79 Resp: 48736

Ion Ratio Lower Upper

79 100

108 77.6 65.0 97.6

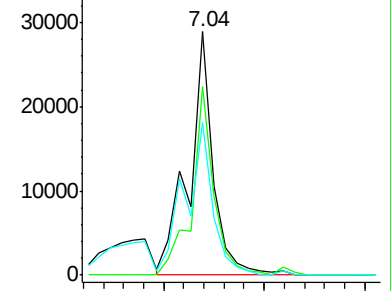
77 62.5 50.3 75.5



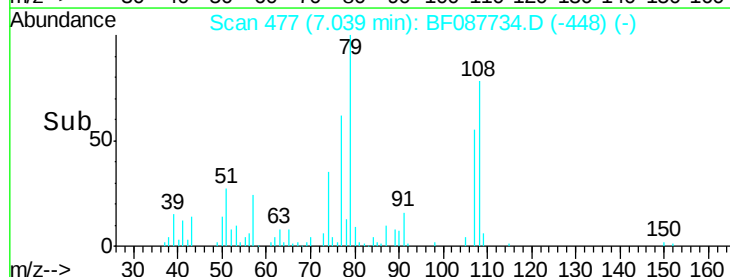
Abundance Ion 79.00 (78.70 to 79.70): BF0

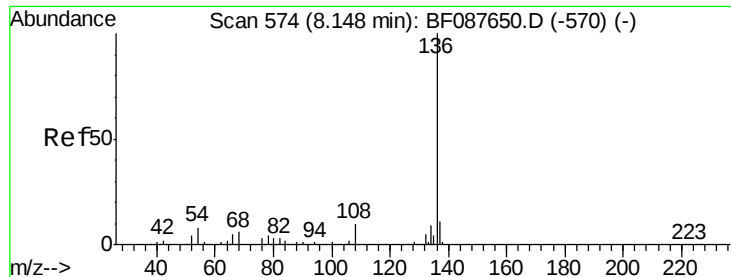
Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

Instrument :

BNA_F

ClientSampleId :

EFFWW

Tot Ion:136 Resp: 389202

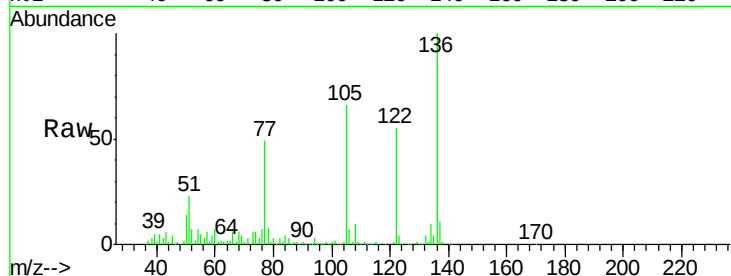
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.0 6.6 10.0

68 5.6 5.1 7.7

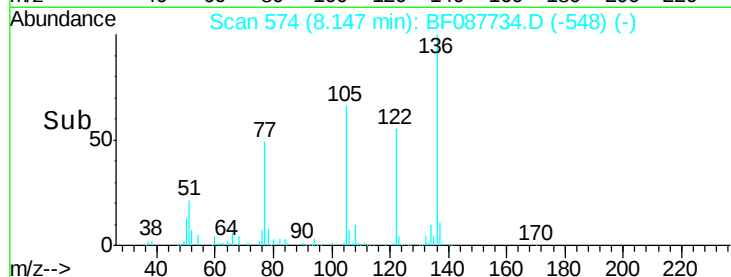


Abundance Ion 136.00 (135.70 to 136.70): E

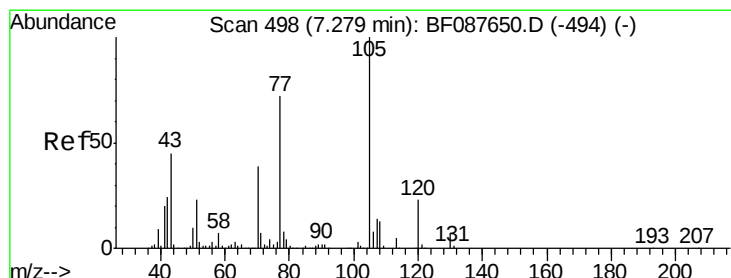
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.84 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

Tgt Ion:105 Resp: 25013

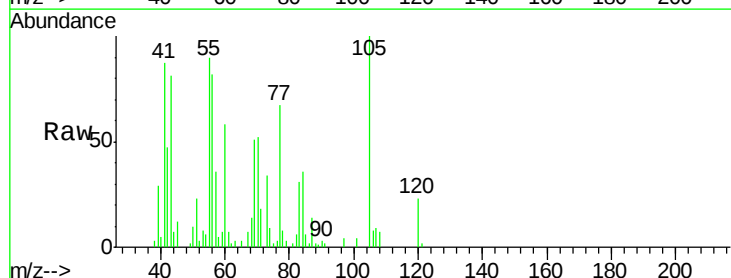
Ion Ratio Lower Upper

105 100

71 18.1 5.3 7.9#

51 23.1 18.2 27.4

120 22.9 18.0 27.0

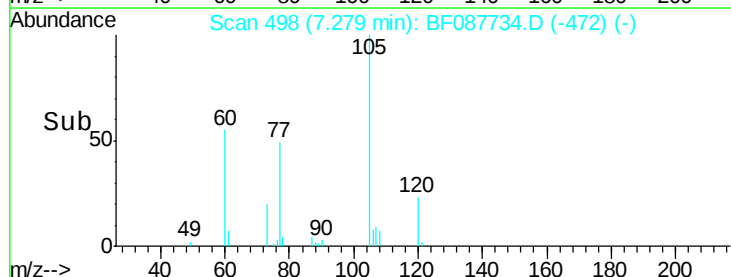


Abundance Ion 105.00 (104.70 to 105.70): E

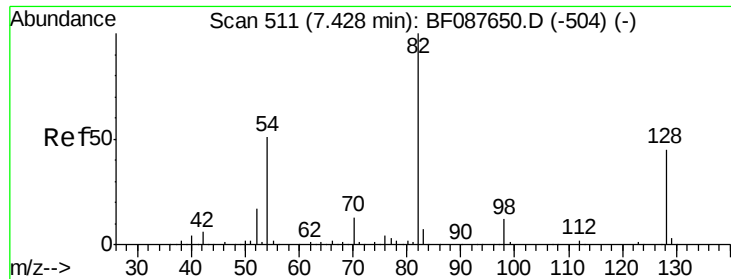
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



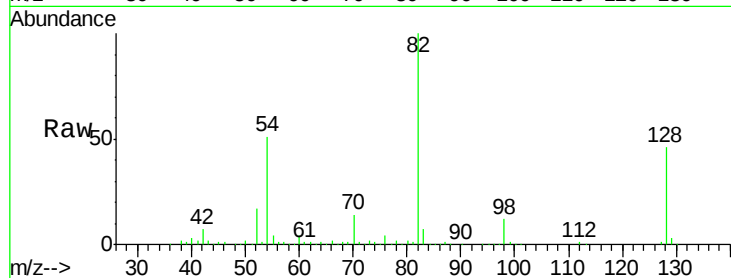
Time-->



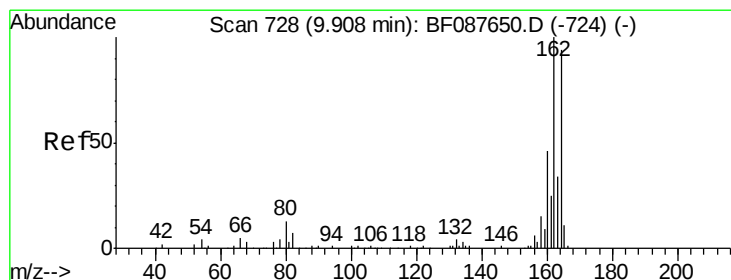
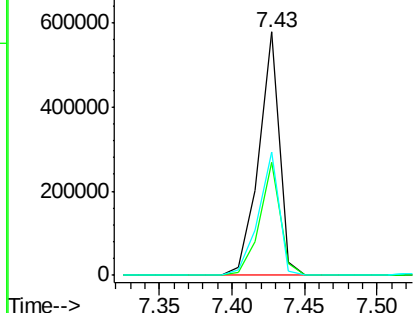
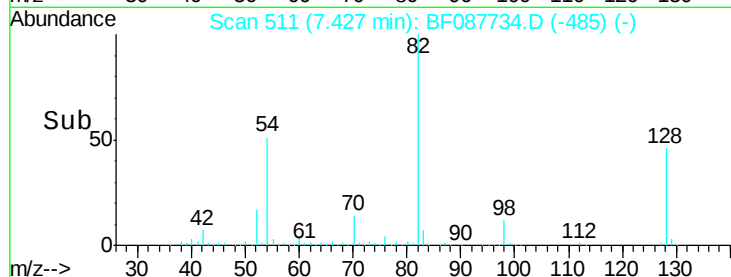
#23
 Nitrobenzene-d5
 Concen: 84.82 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087734.D
 Acq: 6 Jun 2016 4:21

Instrument :
 BNA_F
 ClientSampleId :
 EFFWW

Tot Ion: 82 Resp: 570585
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.9 53.9
 54 50.7 40.9 61.3

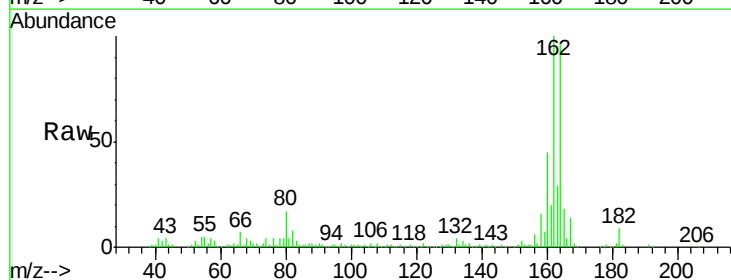


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

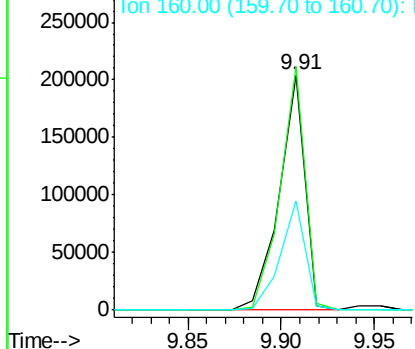
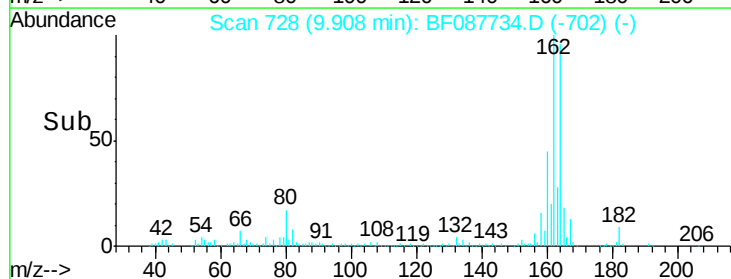


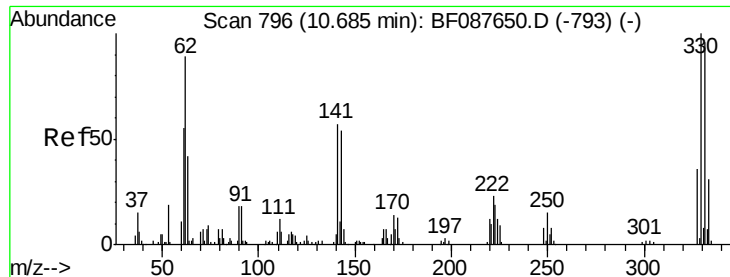
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087734.D
 Acq: 6 Jun 2016 4:21

Tgt Ion:164 Resp: 196440
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 46.5 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: 81.05 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

Instrument :

BNA_F

ClientSampleId :

EFFWW

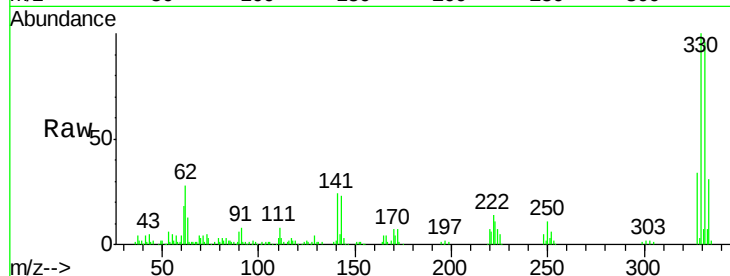
Tot Ion:330 Resp: 159814

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

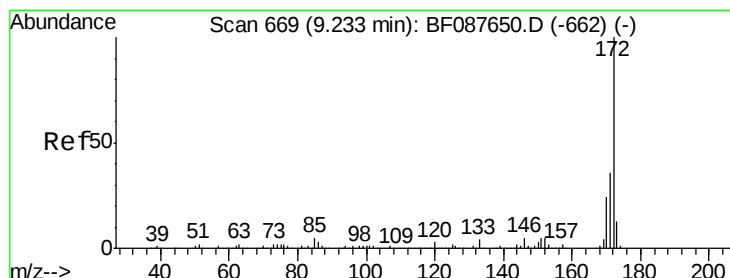
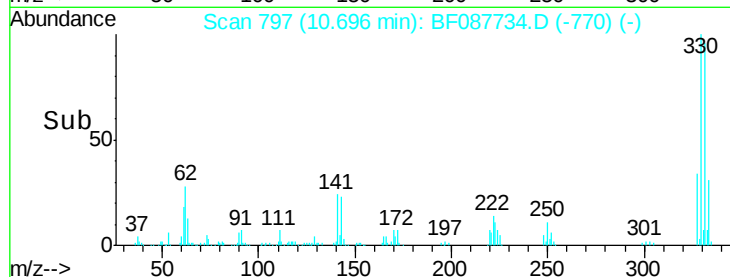
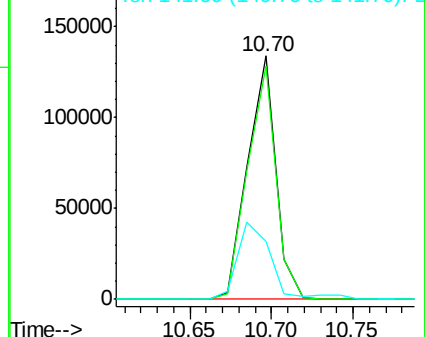
141 38.6 0.0 0.0#



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: 89.76 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

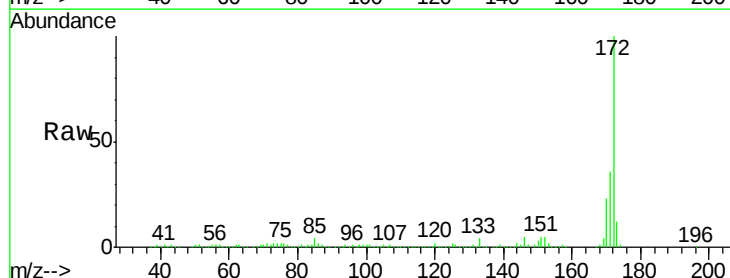
Tgt Ion:172 Resp: 1127884

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

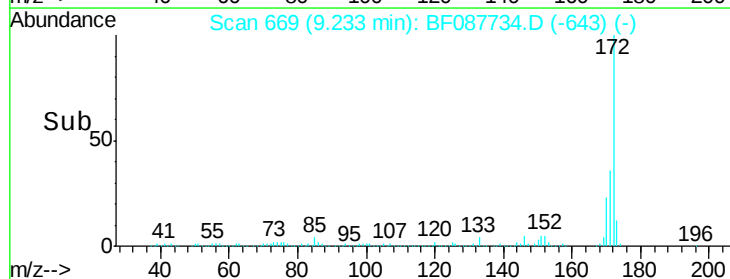
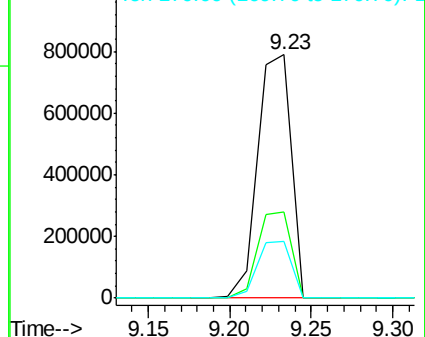
170 23.3 19.2 28.8

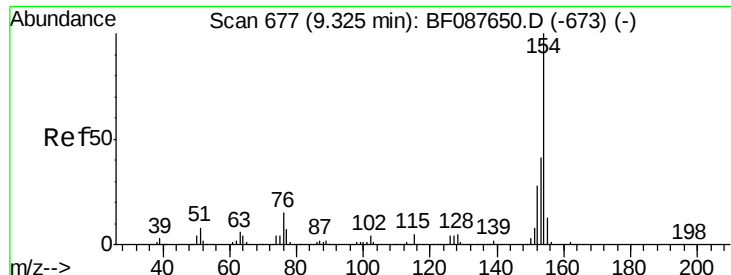


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

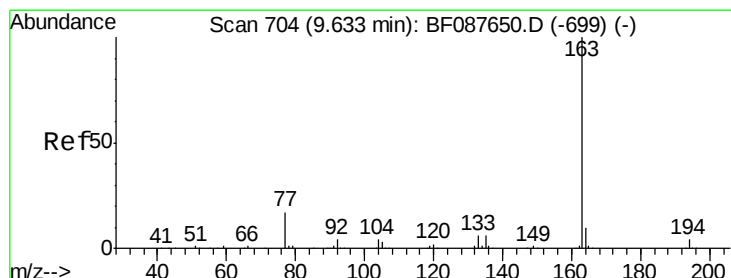
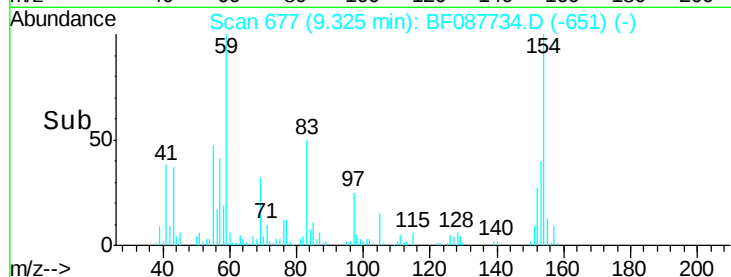
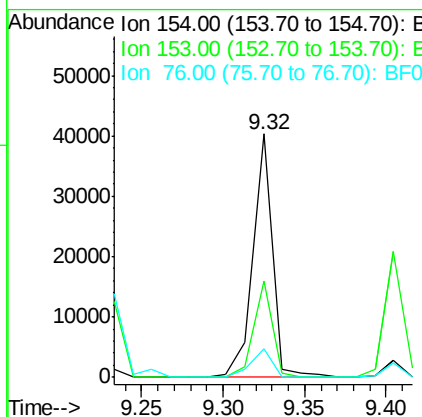
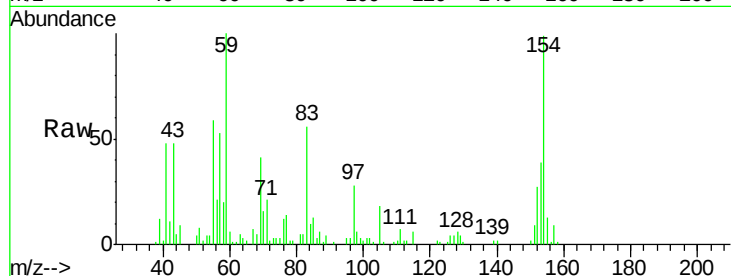




#45
 1,1'-Biphenyl
 Concen: 2.11 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087734.D
 Acq: 6 Jun 2016 4:21

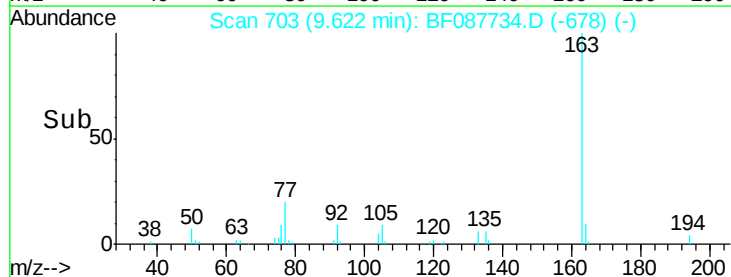
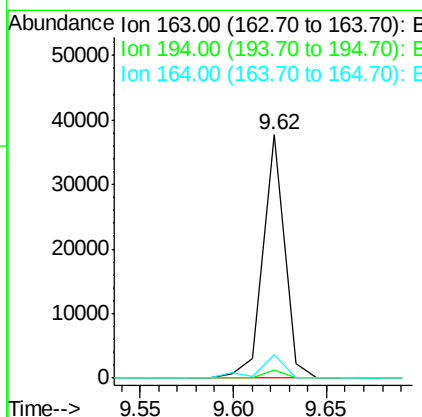
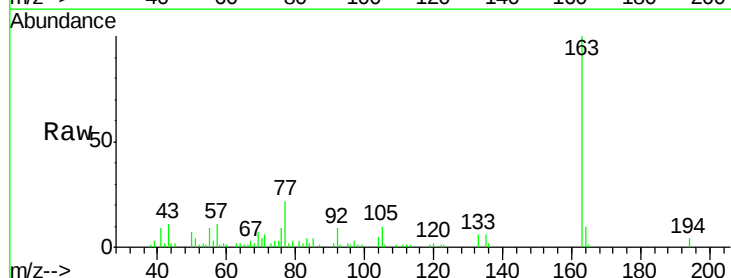
Instrument :
 BNA_F
 ClientSampled :
 EFFWW

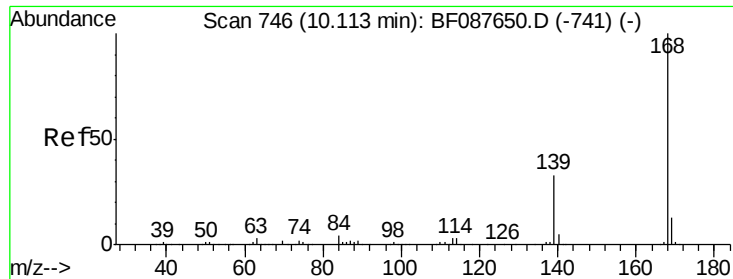
Tot Ion:154 Resp: 33634
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.6 60.6
 76 11.7 0.0 35.1



#49
 Dimethylphthalate
 Concen: 2.09 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF087734.D
 Acq: 6 Jun 2016 4:21

Tgt Ion:163 Resp: 29892
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.7 8.3 12.5

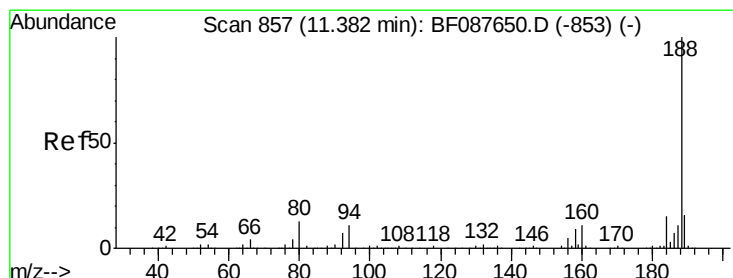
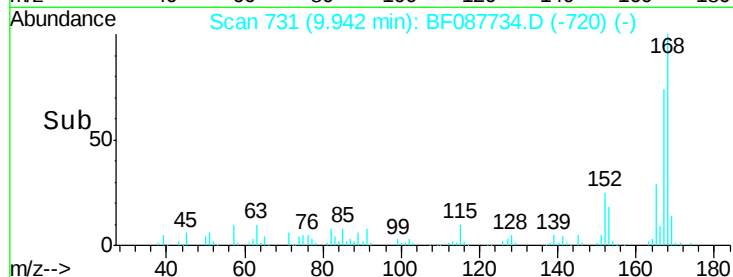
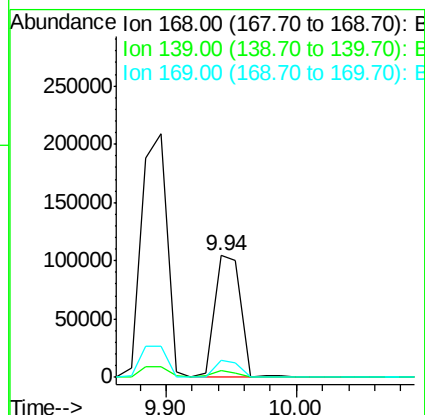
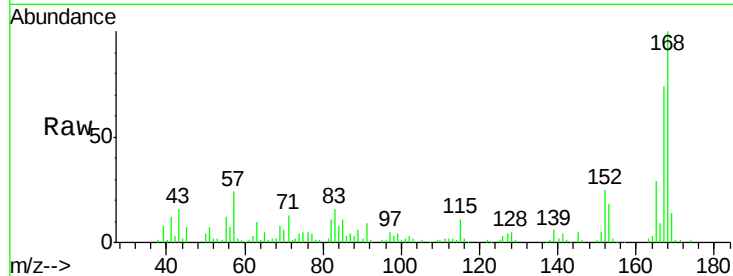




#54
Dibenzofuran
Concen: 8.42 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.17 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

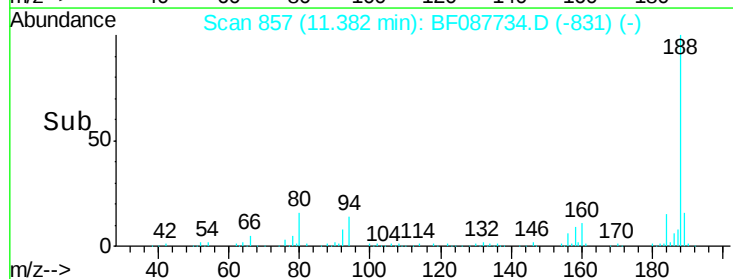
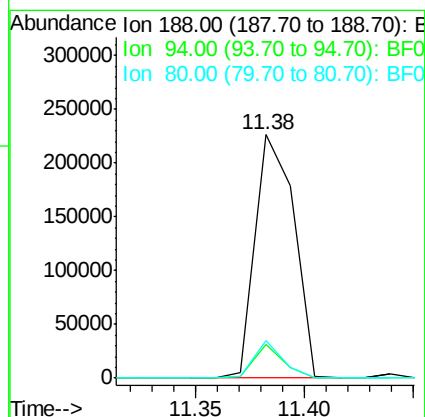
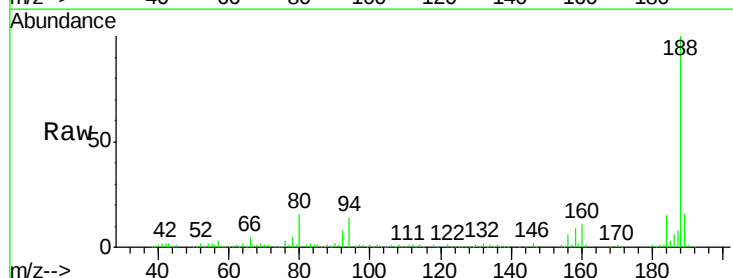
Instrument :
BNA_F
ClientSampleId :
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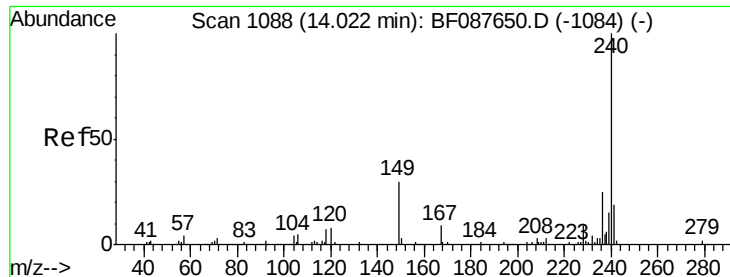
Tot Ion:168 Resp: 146003
Ion Ratio Lower Upper
168 100
139 5.5 26.4 39.6#
169 13.9 10.4 15.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion:188 Resp: 283499
Ion Ratio Lower Upper
188 100
94 14.1 9.0 13.6#
80 15.5 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

Instrument :

BNA_F

ClientSampleID :

EFFWW

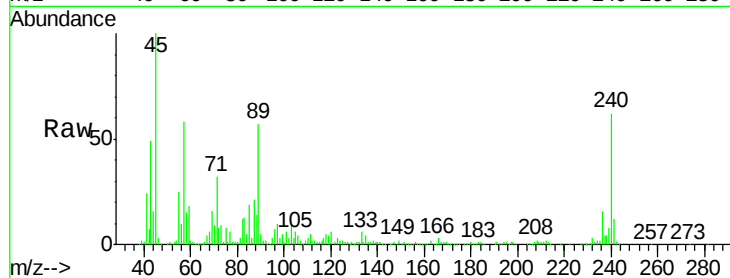
Tot Ion:240 Resp: 220131

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

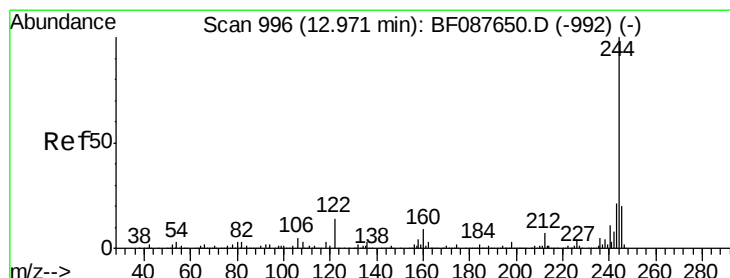
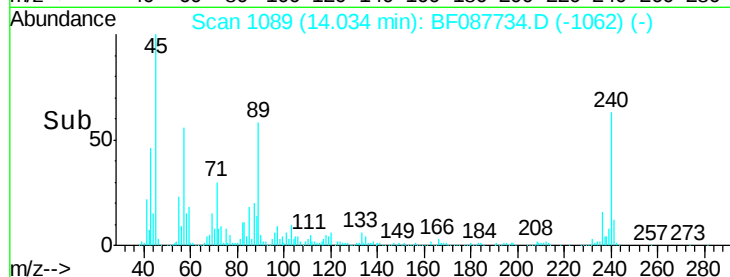
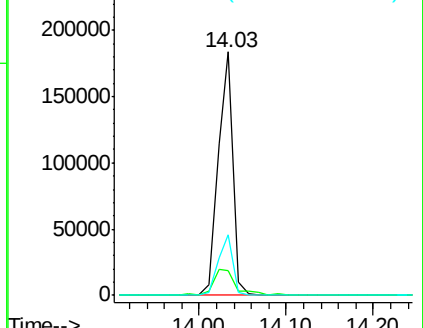
236 25.1 20.2 30.2



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



#78

Terphenyl-d14

Concen: 32.64 ng

RT: 12.99 min Scan# 998

Delta R.T. 0.02 min

Lab File: BF087734.D

Acq: 6 Jun 2016 4:21

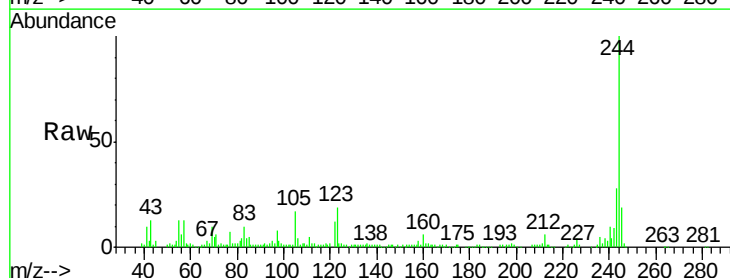
Tgt Ion:244 Resp: 294412

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

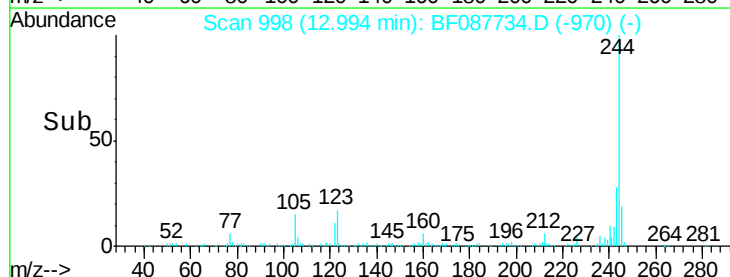
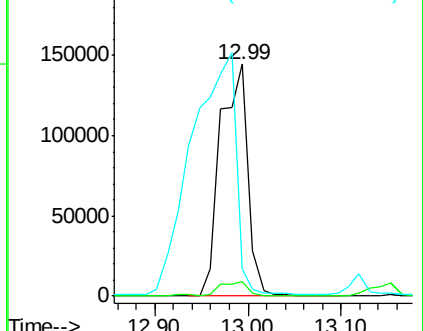
122 11.6 11.2 16.8

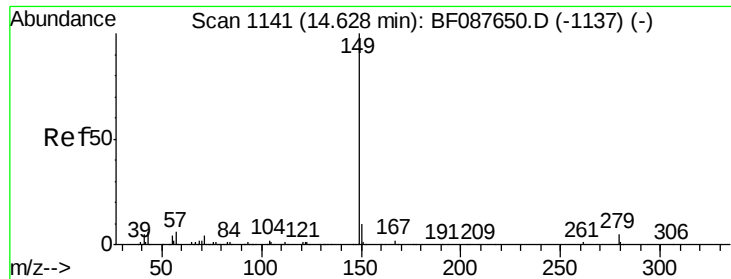


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

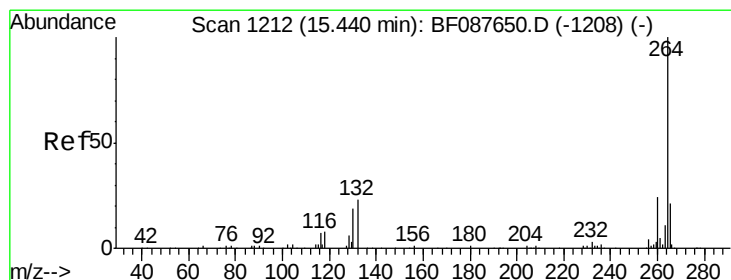
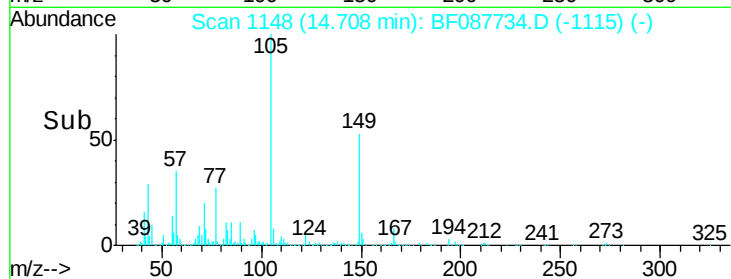
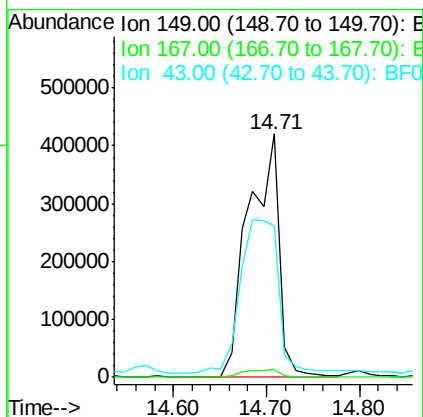
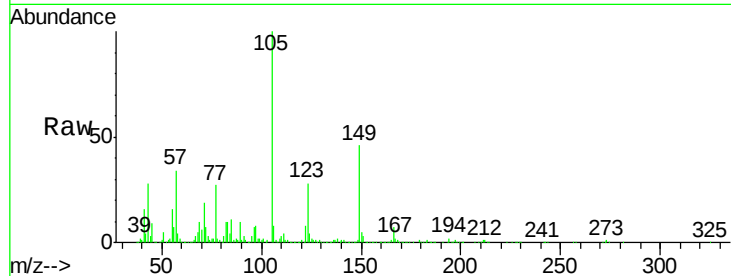




#84
Di-n-octyl phthalate
Concen: 65.54 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.08 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Instrument :
BNA_F
ClientSampleId :
EFFWW

Tot Ion	Ratio	Lower	Upper
149	100		
167	3.9	0.0	0.0#
43	0.0	0.0	0.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BF087734.D
Acq: 6 Jun 2016 4:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3

