

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096865.D
 Acq On : 19 Jul 2017 1:12
 Operator : SJ/JU
 Sample : I4234-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02

Quant Time: Jul 19 13:55:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

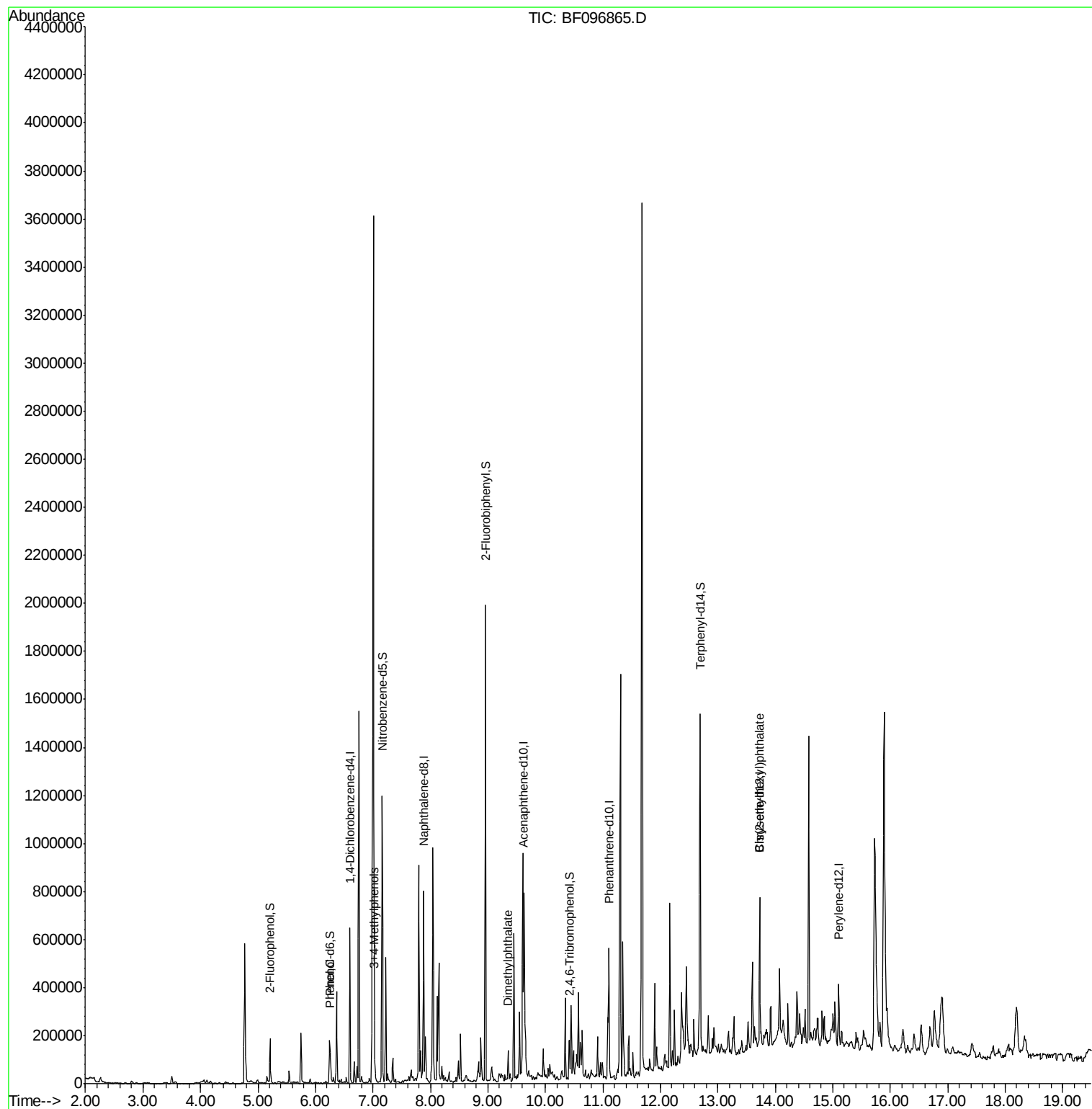
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	84873	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	332845	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	121532	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	179472	20.00	ng	0.00
75) Chrysene-d12	13.73	240	161640	20.00	ng	0.00
86) Perylene-d12	15.10	264	103407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	50426	8.93	ng	0.01
7) Phenol-d6	6.25	99	49603	7.32	ng	0.00
23) Nitrobenzene-d5	7.16	82	352400	65.58	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	17354	16.73	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	657185	85.43	ng	0.00
78) Terphenyl-d14	12.69	244	461196	49.48	ng	0.00
Target Compounds						
10) Phenol	6.26	94	29201	3.813	ng	96
20) 3+4-Methylphenols	7.03	107	39633	6.897	ng	# 60
49) Dimethylphthalate	9.35	163	31488	3.441	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	45017	5.303	ng	# 98

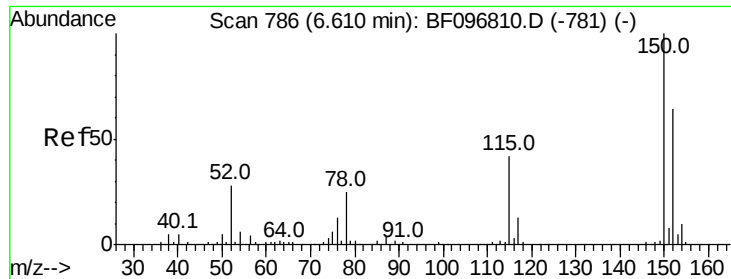
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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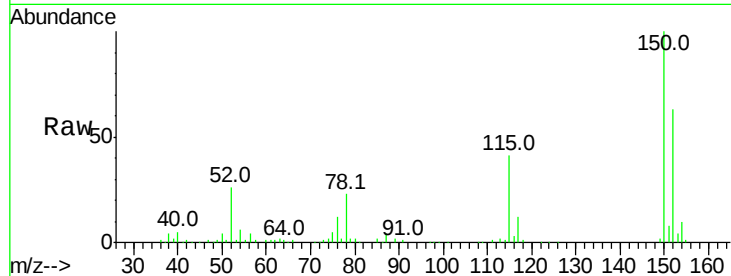


#1

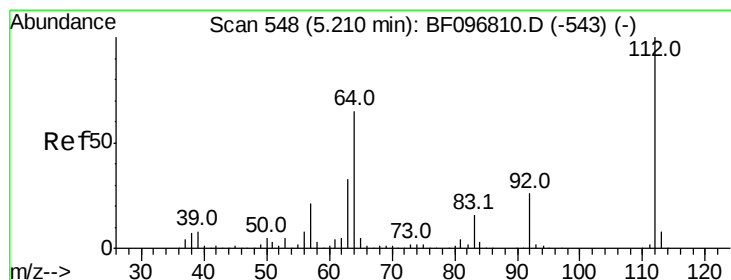
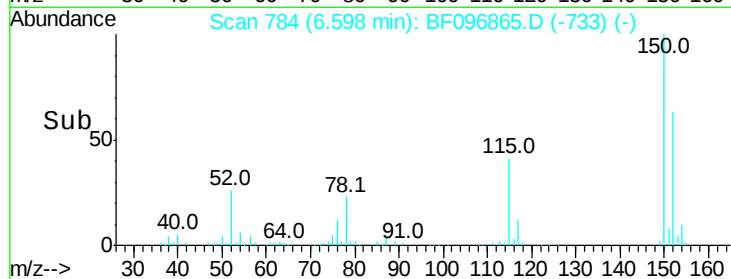
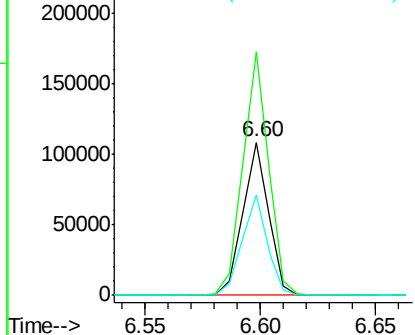
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Instrument :
BNA_F
ClientSampleId :
M-COMB-02

Tot Ion:152 Resp: 84873
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 65.3 52.2 78.2



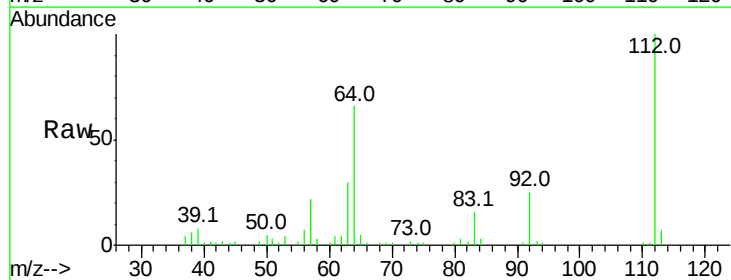
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



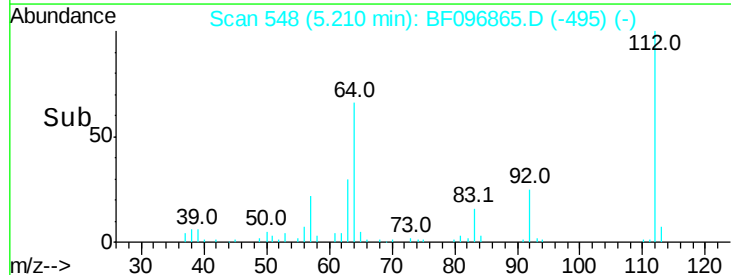
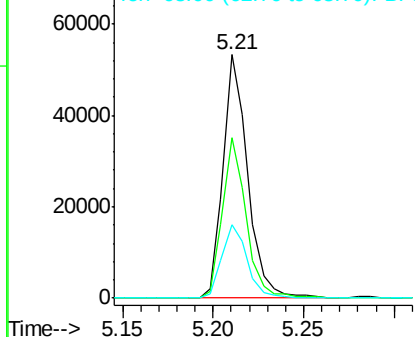
#5

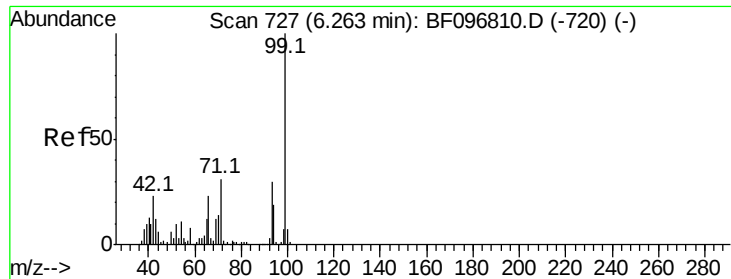
2-Fluorophenol
Concen: 8.933 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion:112 Resp: 50426
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 29.9 23.4 35.0



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: 7.323 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

M-COMB-02

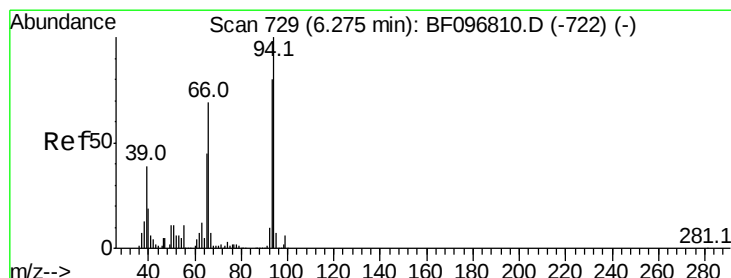
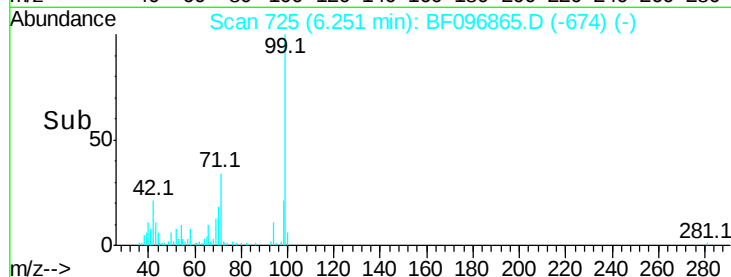
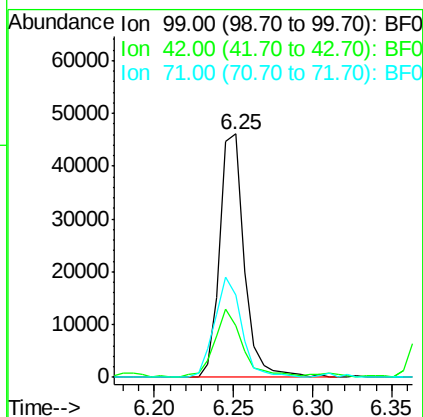
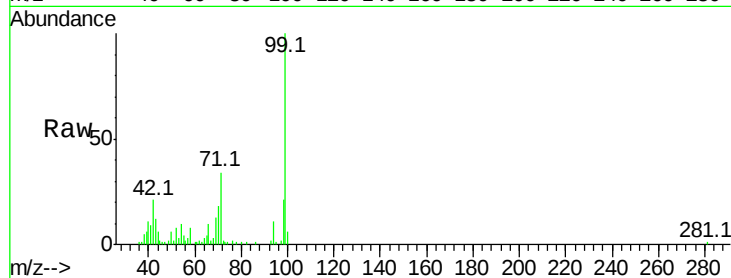
Tot Ion: 99 Resp: 49603

Ion Ratio Lower Upper

99 100

42 21.0 13.5 20.3#

71 34.0 24.5 36.7



#10

Phenol

Concen: 3.813 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

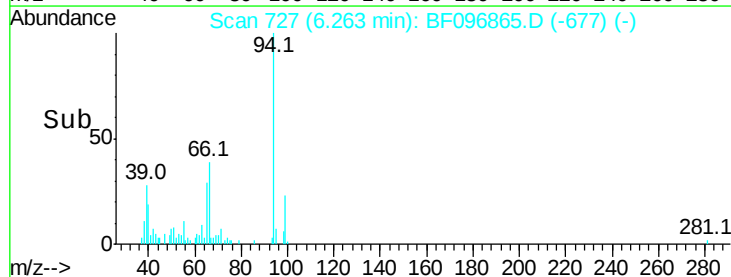
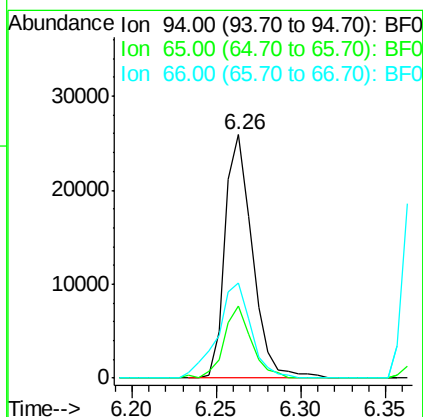
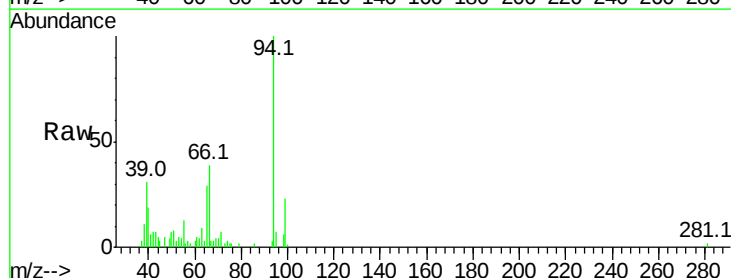
Tgt Ion: 94 Resp: 29201

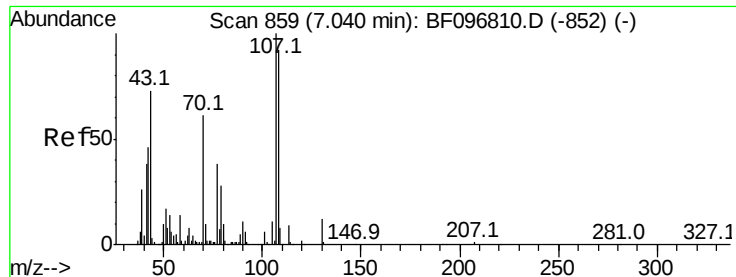
Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

66 39.3 23.1 63.1





#20

3+4-Methylphenols

Concen: 6.897 ng

RT: 7.03 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

M-COMB-02

Tot Ion:107 Resp: 39633

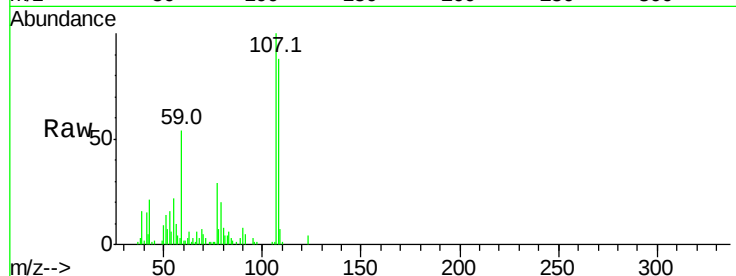
Ion Ratio Lower Upper

107 100

108 88.1 71.0 111.0

77 28.9 90.5 130.5#

79 20.1 8.4 48.4

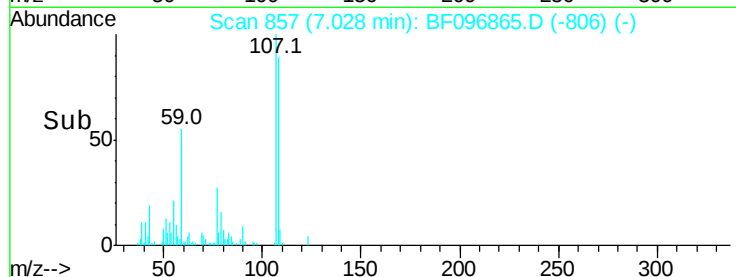


Abundance Ion 107.00 (106.70 to 107.70): E

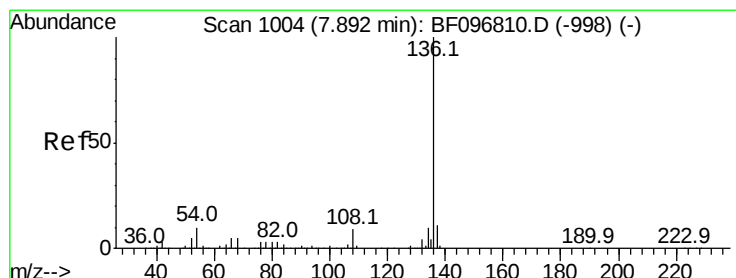
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

Tgt Ion:136 Resp: 332845

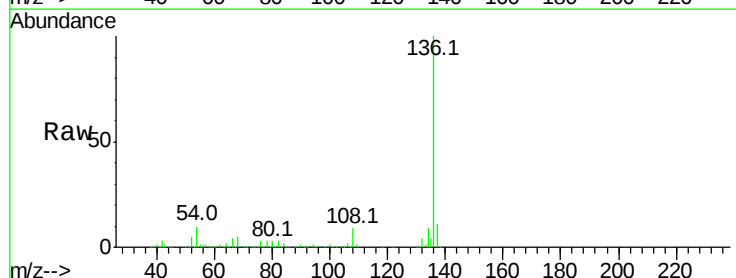
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.9 4.9 7.3#

68 4.9 4.1 6.1

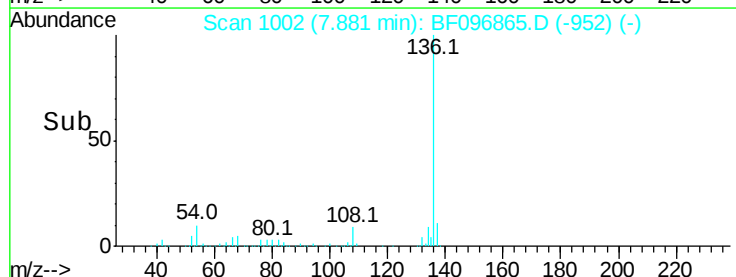


Abundance Ion 136.00 (135.70 to 136.70): E

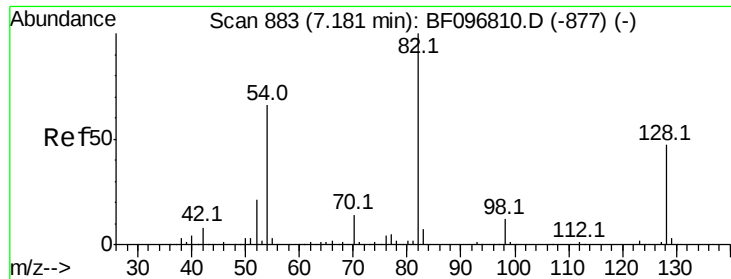
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



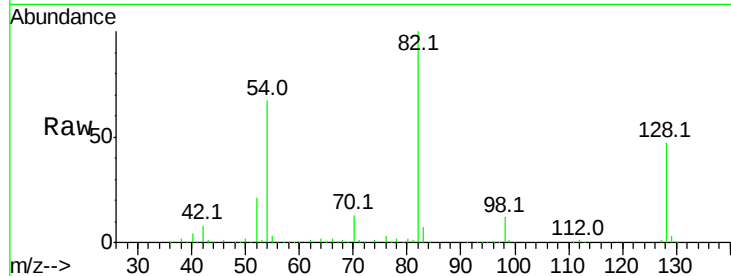
Time-->



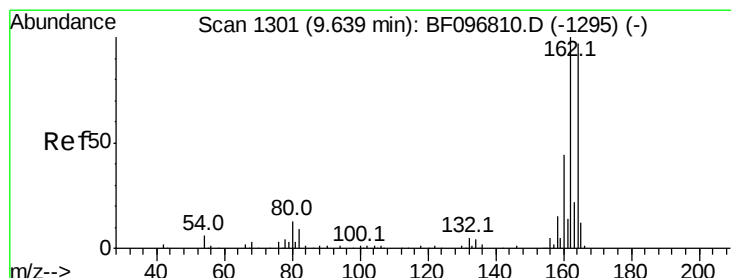
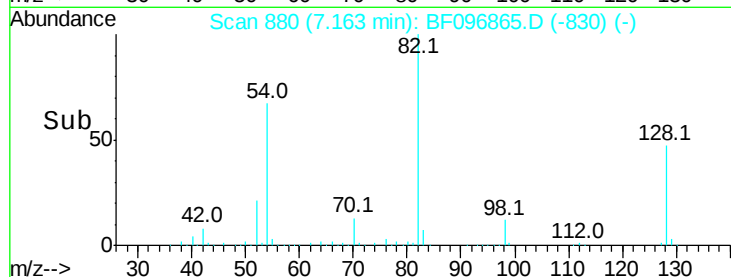
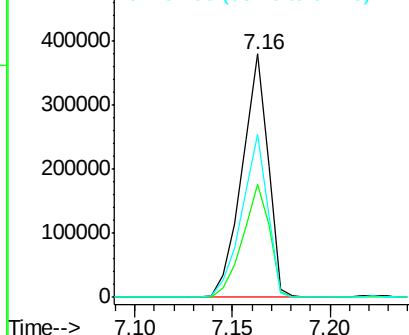
#23
 Nitrobenzene-d5
 Concen: 65.580 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096865.D
 Acq: 19 Jul 2017 1:12

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02

Tot Ion: 82 Resp: 352400
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 67.1 42.2 63.2#

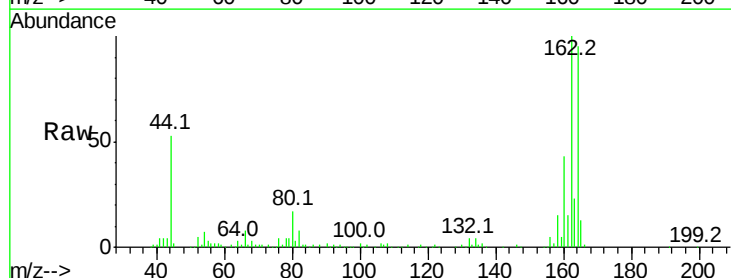


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

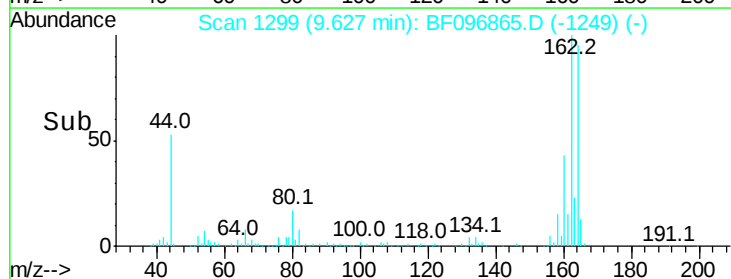
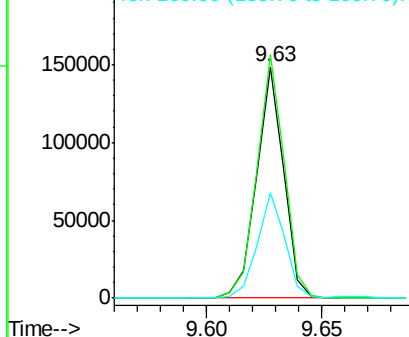


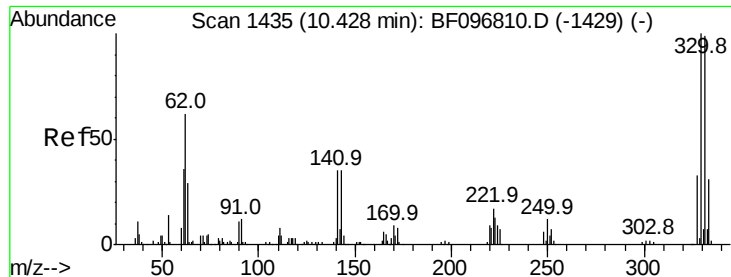
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096865.D
 Acq: 19 Jul 2017 1:12

Tgt Ion:164 Resp: 121532
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.6 123.8
 160 45.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

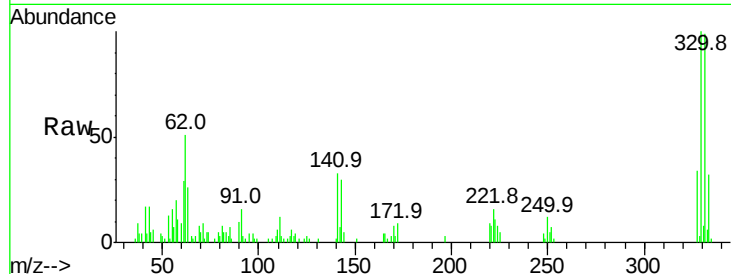




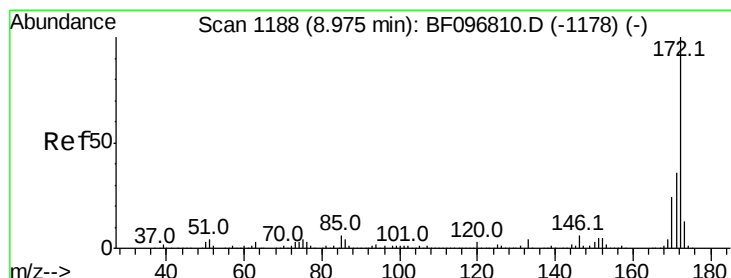
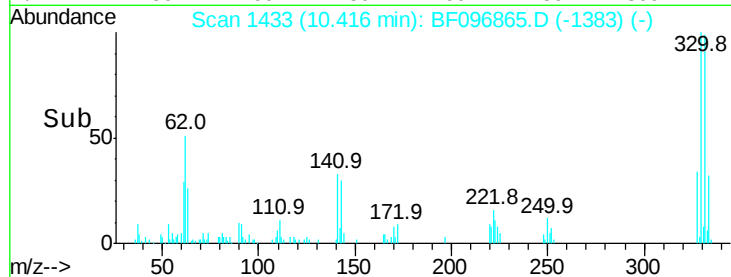
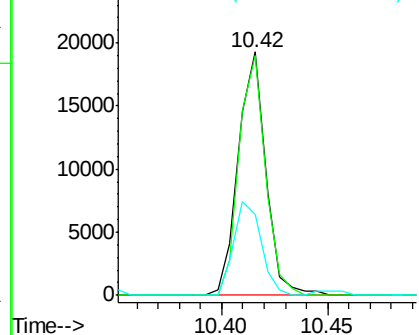
#41
 2,4,6-Tribromophenol
 Concen: 16.729 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096865.D
 Acq: 19 Jul 2017 1:12

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02

Tot Ion:330 Resp: 17354
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.6 115.0
 141 38.4 31.4 47.2

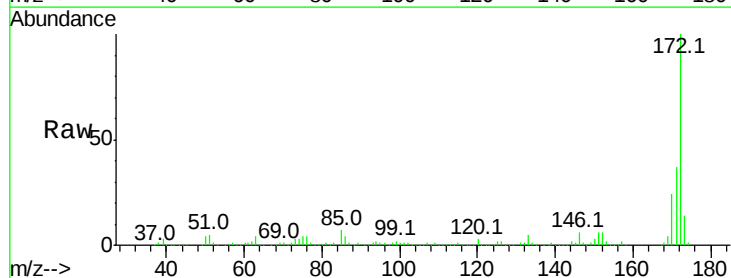


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

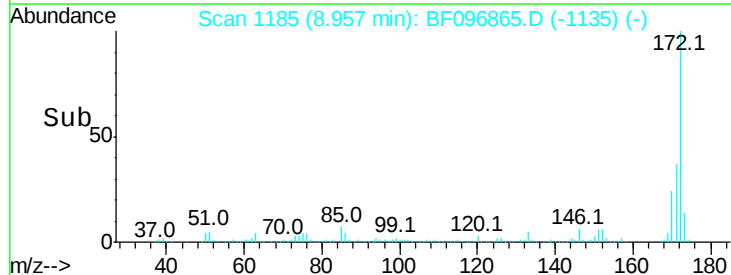
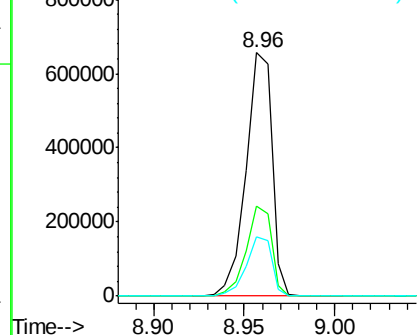


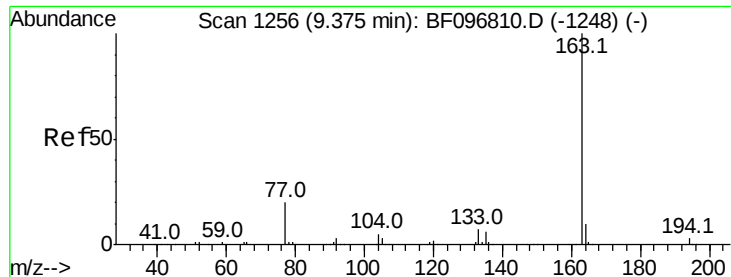
#44
 2-Fluorobiphenyl
 Concen: 85.434 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096865.D
 Acq: 19 Jul 2017 1:12

Tgt Ion:172 Resp: 657185
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.4 19.8 29.8



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

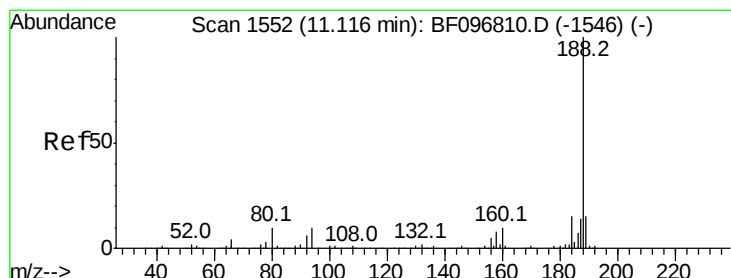
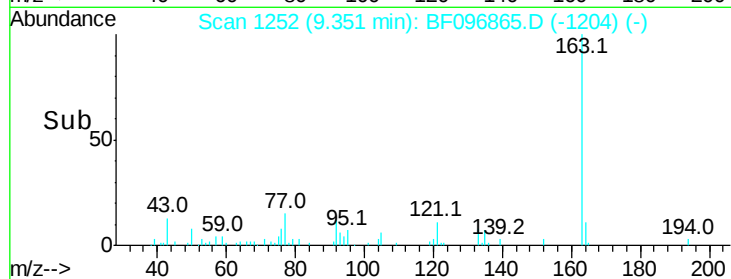
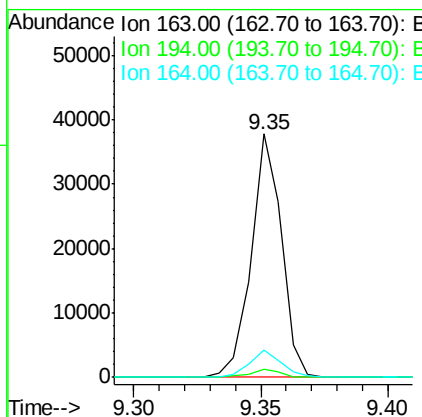
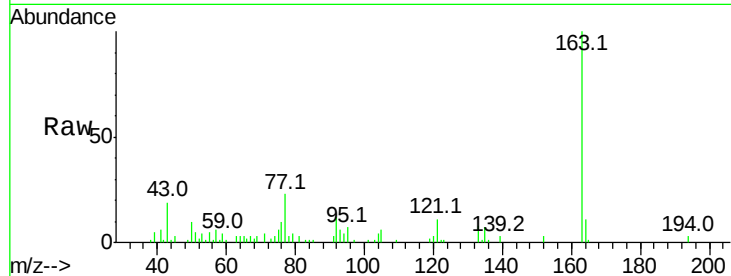




#49
Dimethylphthalate
Concen: 3.441 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

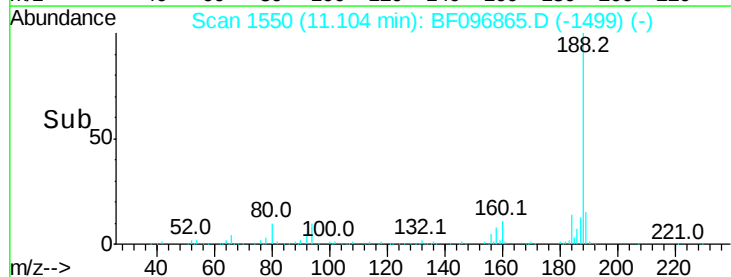
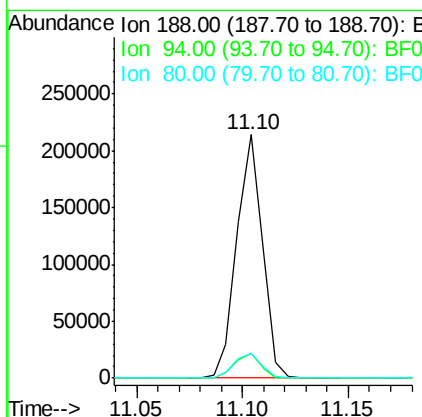
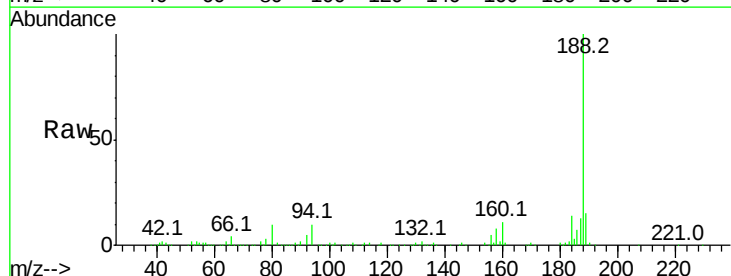
Instrument :
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M-COMB-02

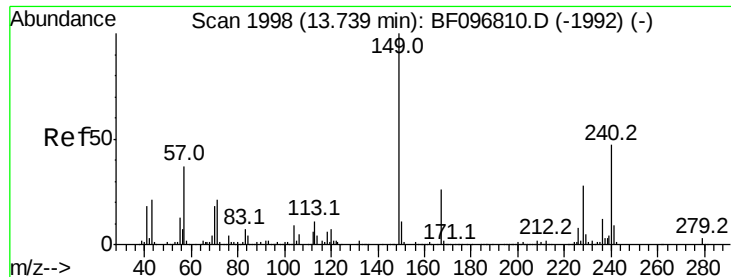
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	11.2	8.4	12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096865.D
Acq: 19 Jul 2017 1:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	10.0	10.2	15.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

M-COMB-02

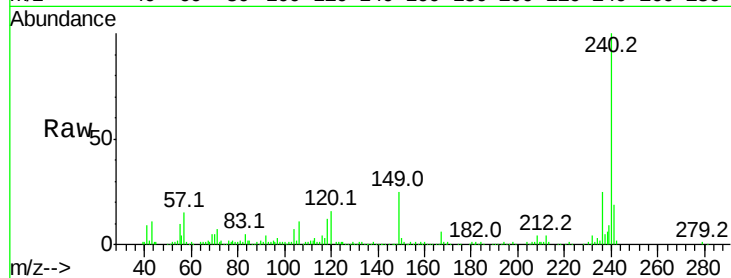
Tot Ion:240 Resp: 161640

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

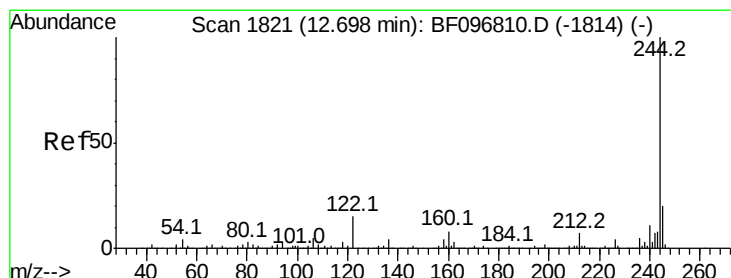
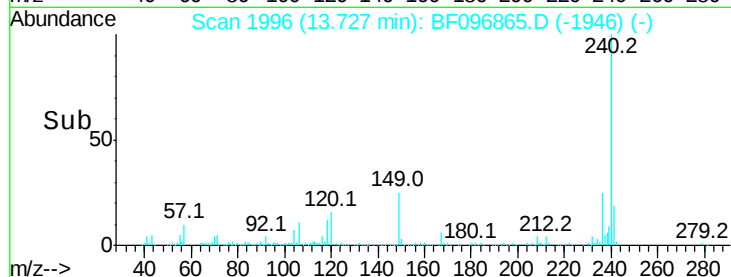
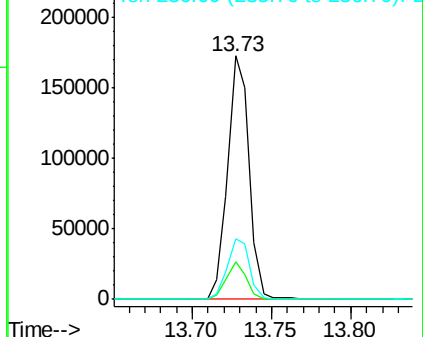
236 25.0 20.5 30.7



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: 49.482 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

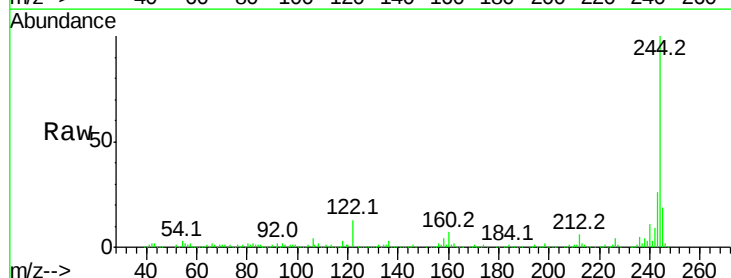
Tgt Ion:244 Resp: 461196

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

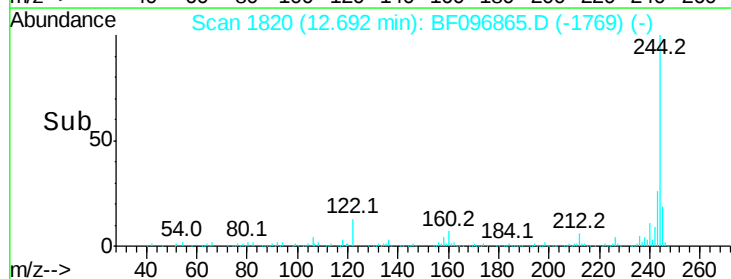
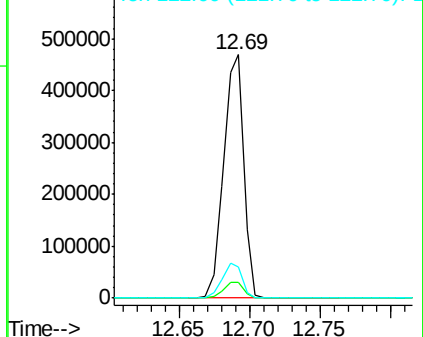
122 12.8 10.3 15.5

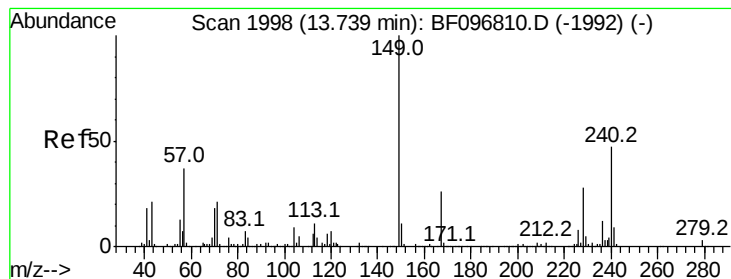


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.303 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

Instrument :

BNA_F

ClientSampleId :

M-COMB-02

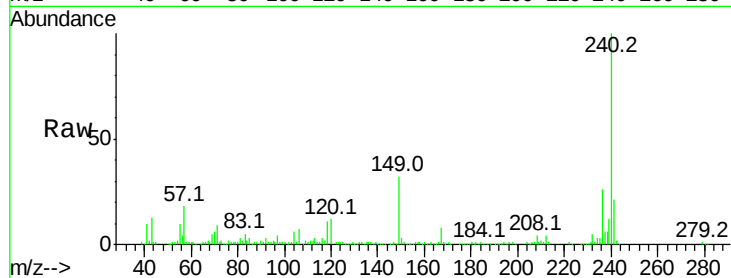
Tot Ion:149 Resp: 45017

Ion Ratio Lower Upper

149 100

167 24.9 21.0 31.4

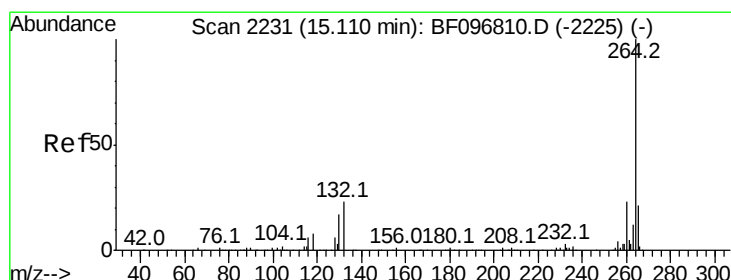
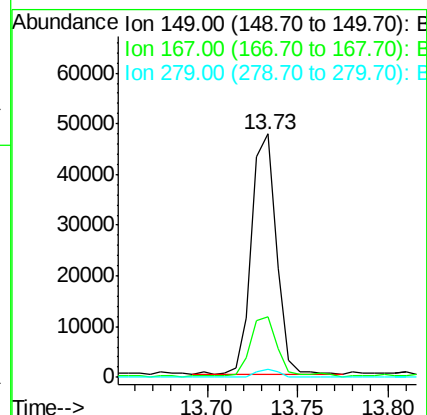
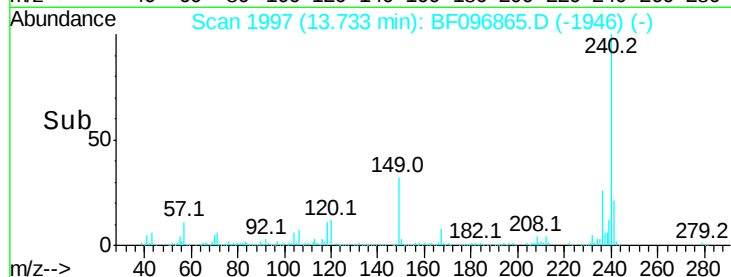
279 3.1 1.9 2.9#



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: 20.000 ng

RT: 15.10 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF096865.D

Acq: 19 Jul 2017 1:12

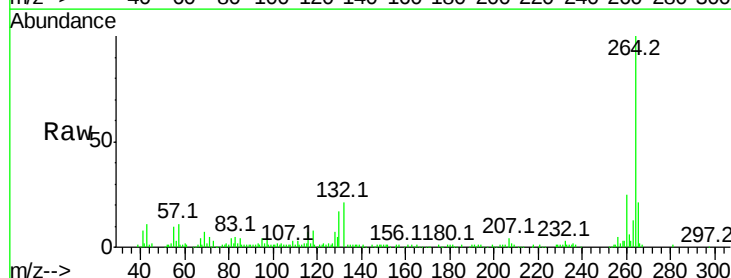
Tgt Ion:264 Resp: 103407

Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 21.2 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

