

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096864.D
 Acq On : 19 Jul 2017 00:44
 Operator : SJ/JU
 Sample : I4234-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-07

Quant Time: Jul 19 13:54:22 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

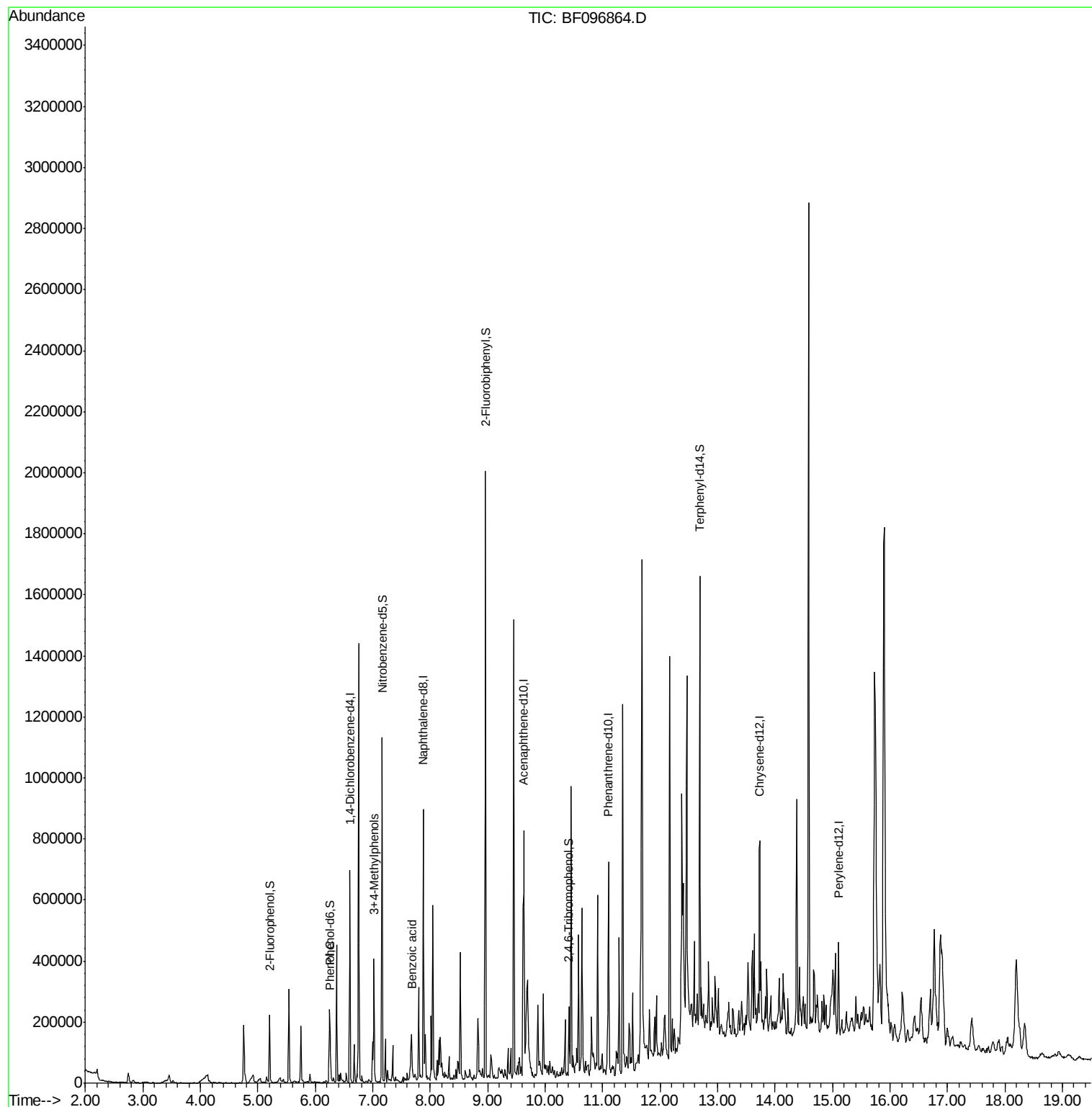
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	93400	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	352122	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	125566	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	208891	20.00	ng	0.00
75) Chrysene-d12	13.73	240	192067	20.00	ng	0.00
86) Perylene-d12	15.10	264	117047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	64700	10.42	ng	0.00
7) Phenol-d6	6.25	99	55523	7.45	ng	0.00
23) Nitrobenzene-d5	7.16	82	310317	54.59	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	24139	22.52	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	603445	75.93	ng	0.00
78) Terphenyl-d14	12.69	244	451030	40.73	ng	0.00
Target Compounds						
10) Phenol	6.26	94	33819	4.013	ng	97
20) 3+4-Methylphenols	7.02	107	45743	7.234	ng	# 58
32) Benzoic acid	7.67	122	12064	3.510	ng	97

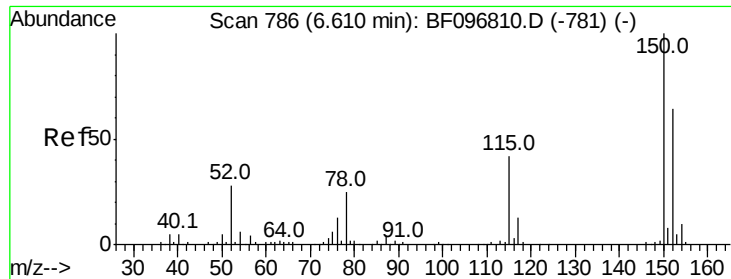
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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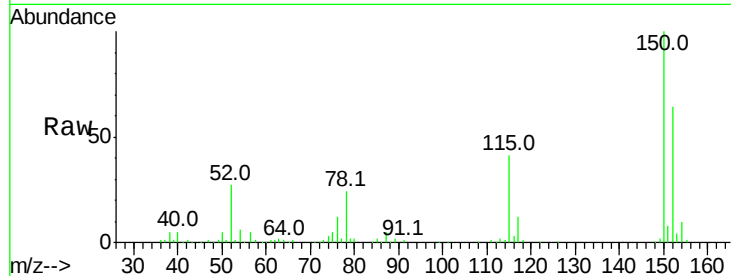


#1

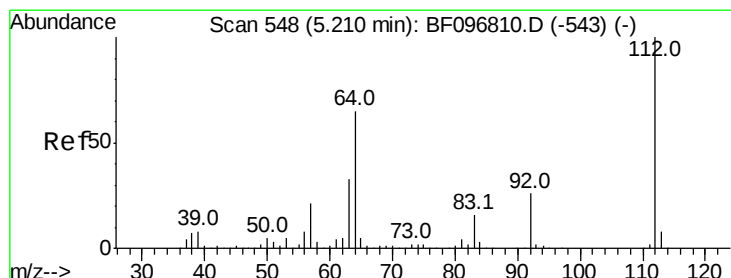
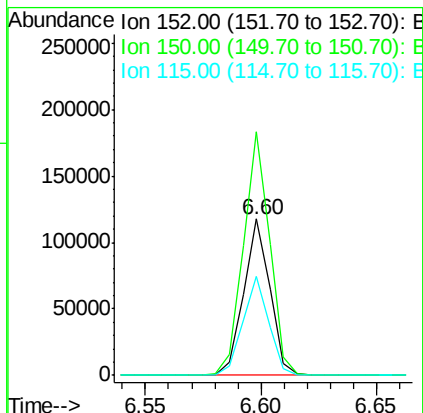
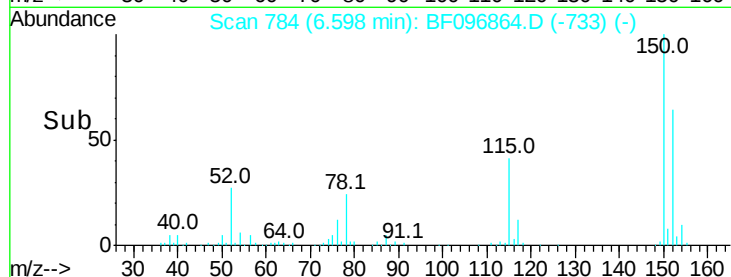
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF096864.D
 Acq: 19 Jul 2017 00:44

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-07

Tot Ion:152 Resp: 93400
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 63.4 52.2 78.2



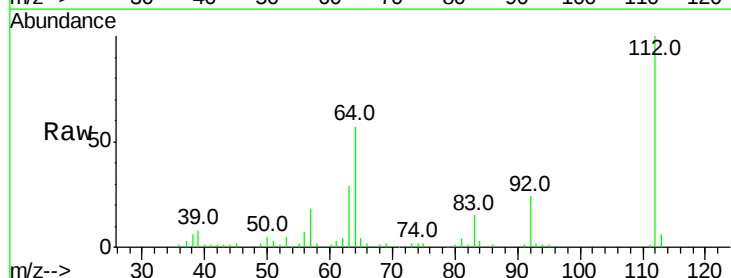
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



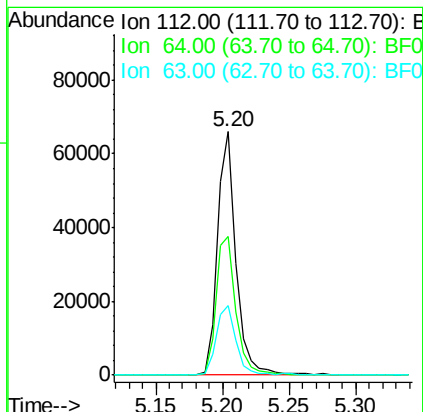
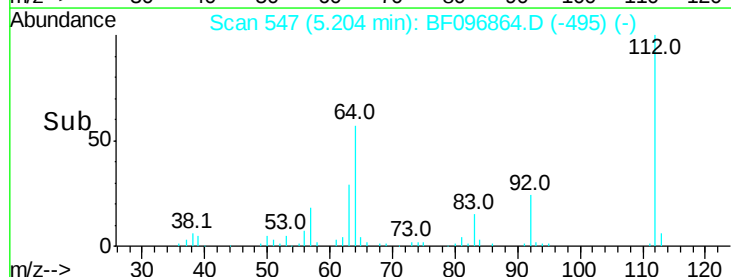
#5

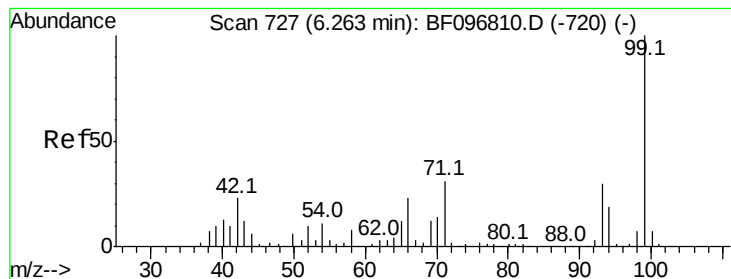
2-Fluorophenol
 Concen: 10.416 ng
 RT: 5.20 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF096864.D
 Acq: 19 Jul 2017 00:44

Tgt Ion:112 Resp: 64700
 Ion Ratio Lower Upper
 112 100
 64 56.9 46.0 69.0
 63 28.7 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: 7.448 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

Instrument :

BNA_F

ClientSampleId :

M-COMB-07

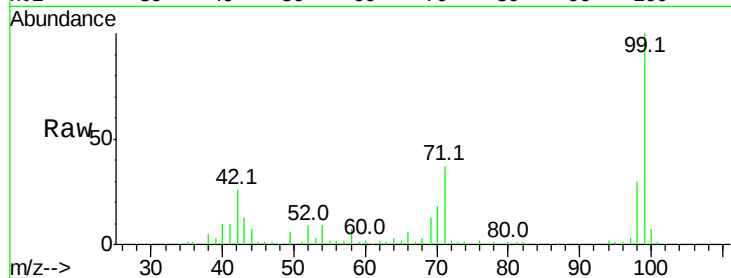
Tot Ion: 99 Resp: 55523

Ion Ratio Lower Upper

99 100

42 25.6 13.5 20.3#

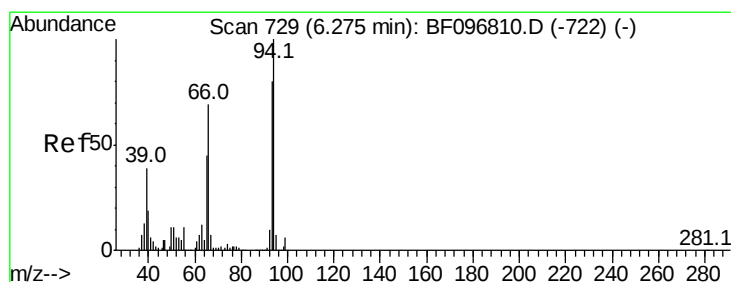
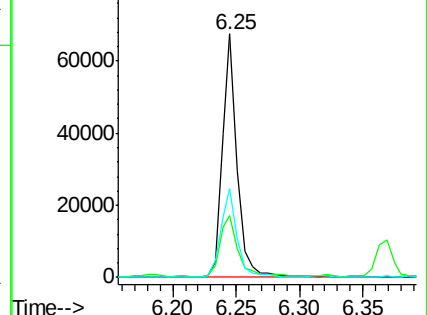
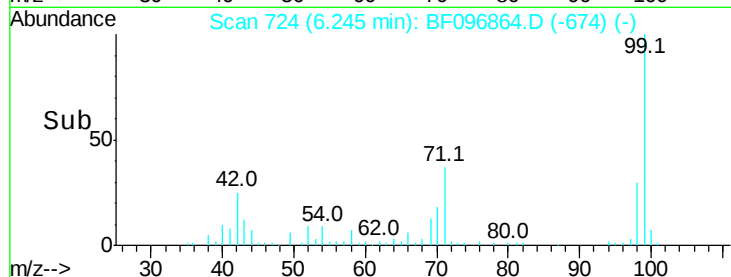
71 36.7 24.5 36.7



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



#10

Phenol

Concen: 4.013 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

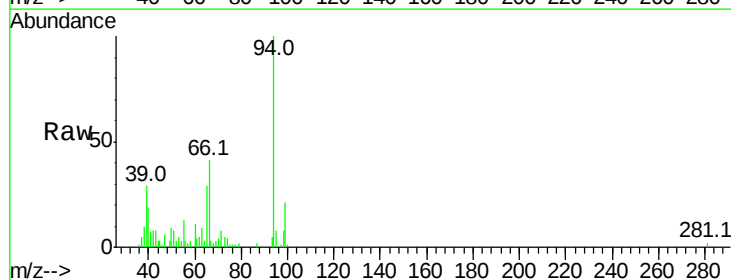
Tgt Ion: 94 Resp: 33819

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

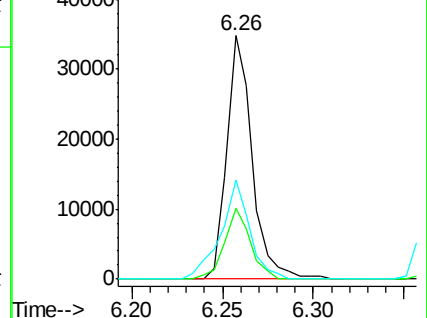
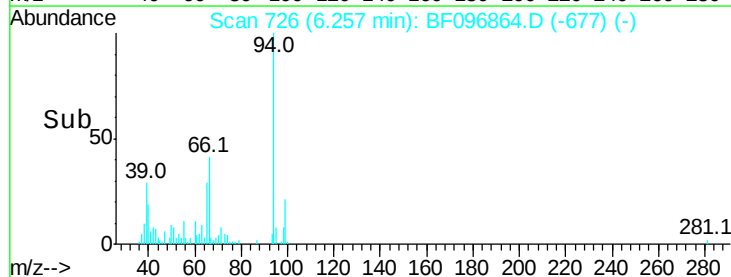
66 40.5 23.1 63.1

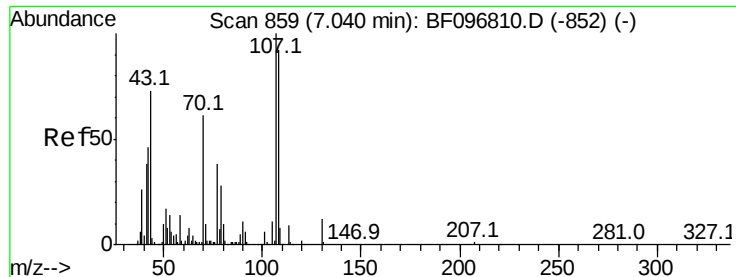


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 7.234 ng

RT: 7.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

Instrument :

BNA_F

ClientSampleId :

M-COMB-07

Tot Ion:107 Resp: 45743

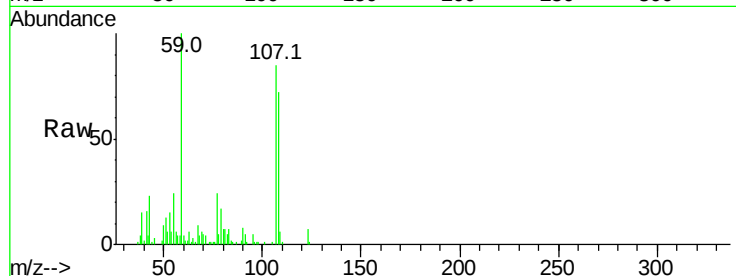
Ion Ratio Lower Upper

107 100

108 84.1 71.0 111.0

77 28.4 90.5 130.5#

79 19.9 8.4 48.4

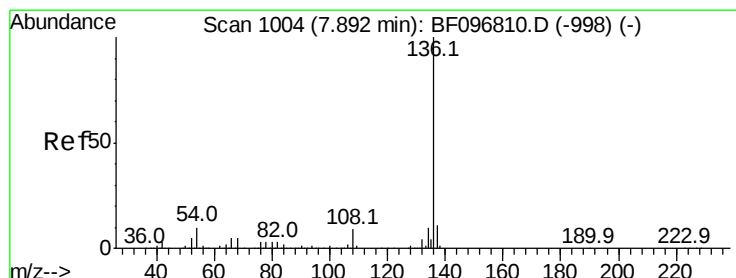
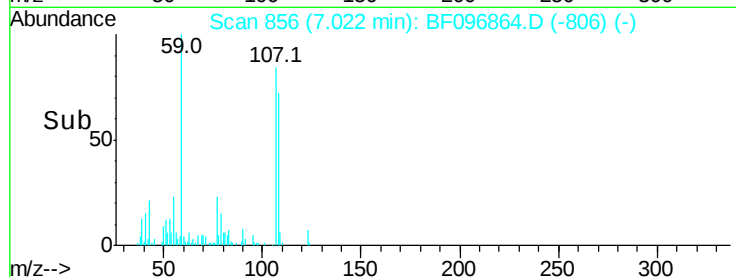
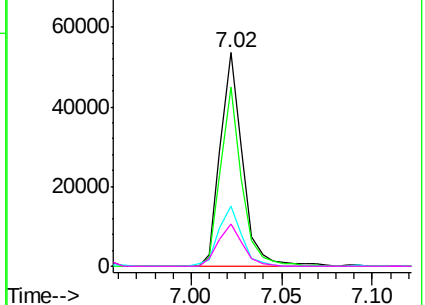


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

Tgt Ion:136 Resp: 352122

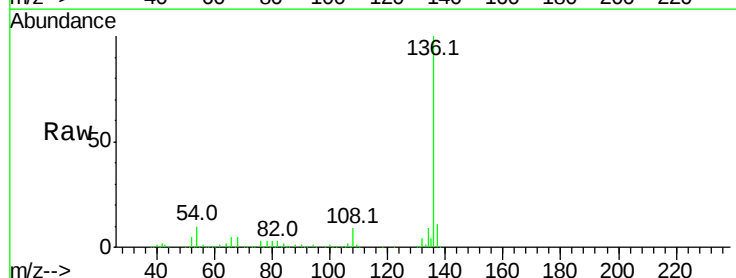
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.9 4.9 7.3#

68 4.7 4.1 6.1

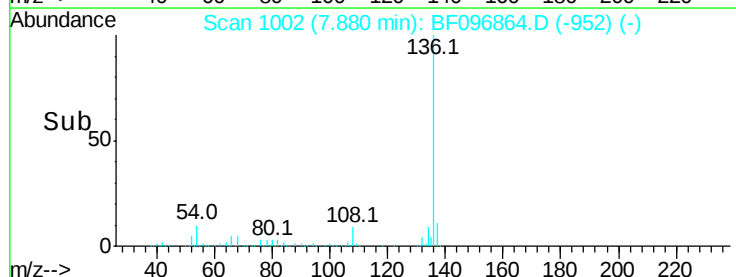
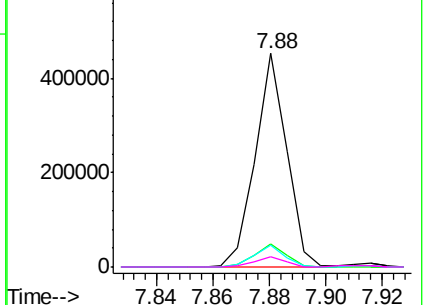


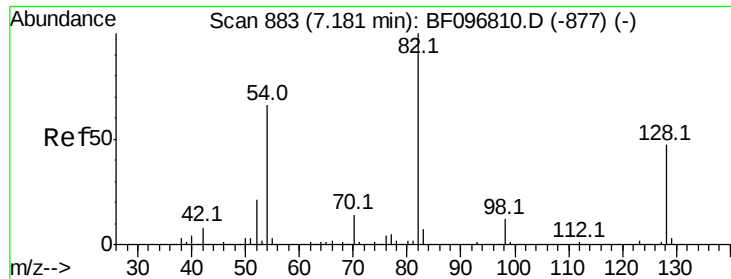
Abundance Ion 136.00 (135.70 to 136.70): E

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

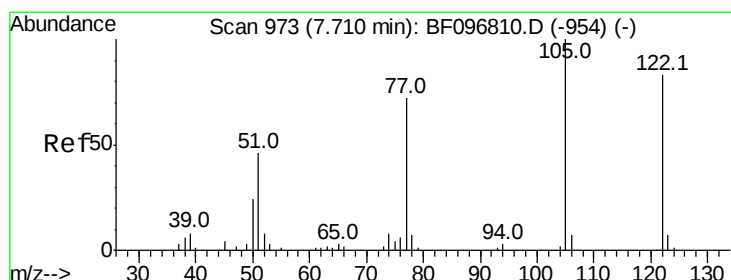
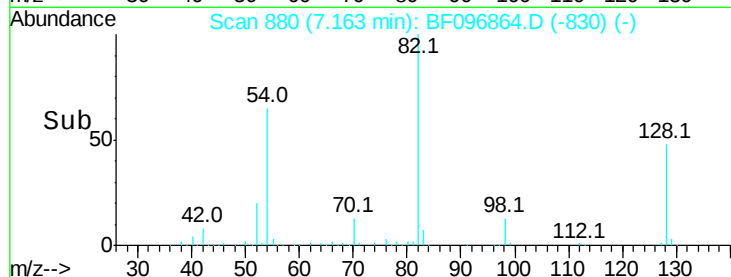
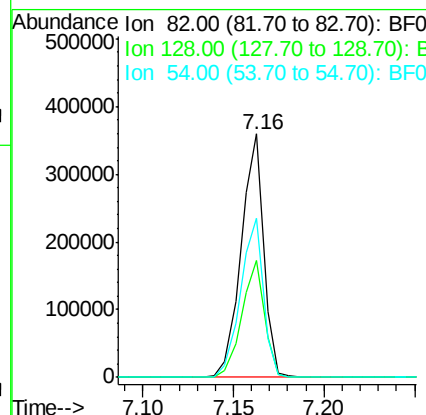
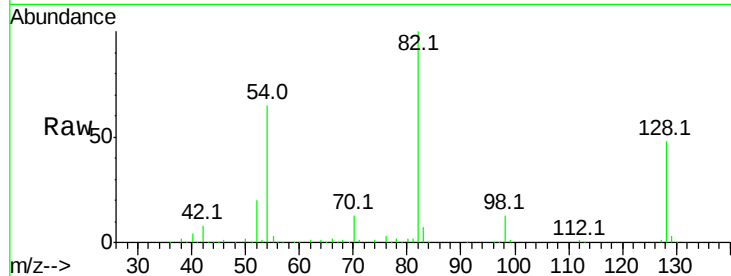




#23
 Nitrobenzene-d5
 Concen: 54.587 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096864.D
 Acq: 19 Jul 2017 00:44

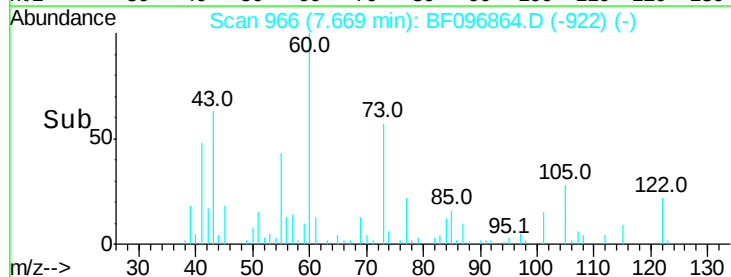
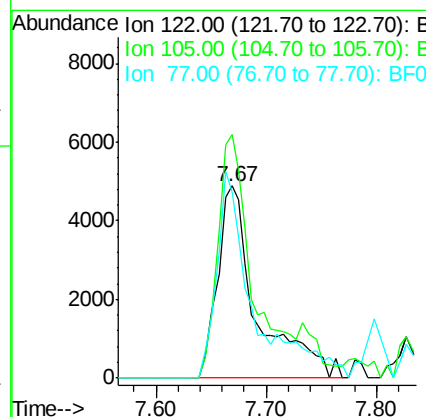
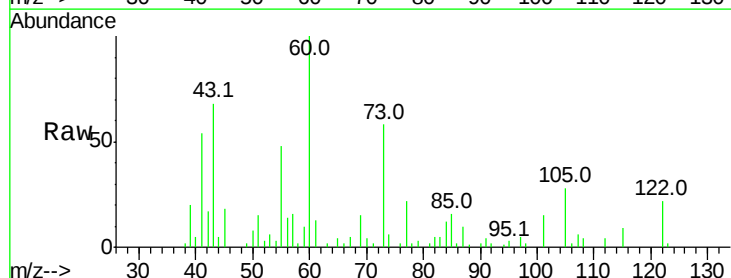
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-07

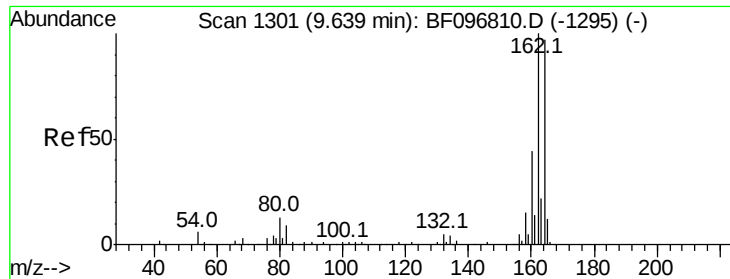
Tot Ion: 82 Resp: 310317
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 65.4 42.2 63.2#



#32
 Benzoic acid
 Concen: 3.510 ng
 RT: 7.67 min Scan# 966
 Delta R.T. -0.04 min
 Lab File: BF096864.D
 Acq: 19 Jul 2017 00:44

Tgt Ion: 122 Resp: 12064
 Ion Ratio Lower Upper
 122 100
 105 126.7 103.3 143.3
 77 97.1 73.7 113.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

Instrument :

BNA_F

ClientSampleId :

M-COMB-07

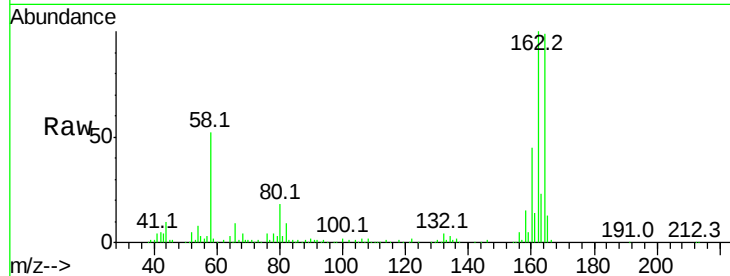
Tot Ion:164 Resp: 125566

Ion Ratio Lower Upper

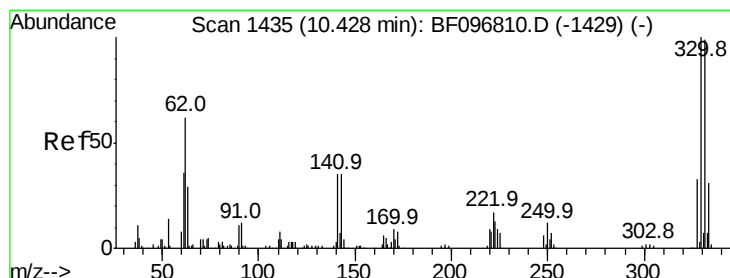
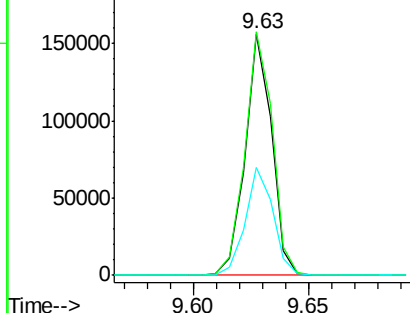
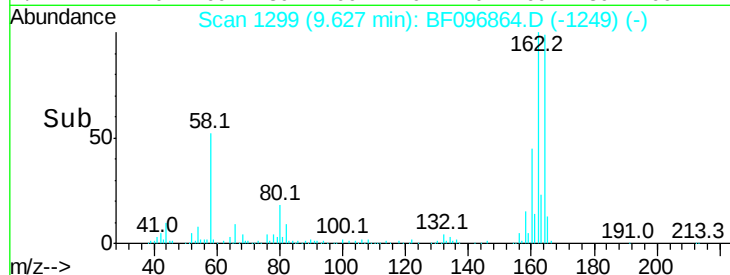
164 100

162 100.9 82.6 123.8

160 45.0 36.2 54.2



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: 22.522 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

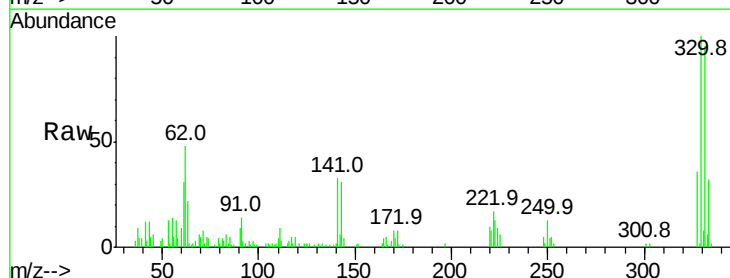
Tgt Ion:330 Resp: 24139

Ion Ratio Lower Upper

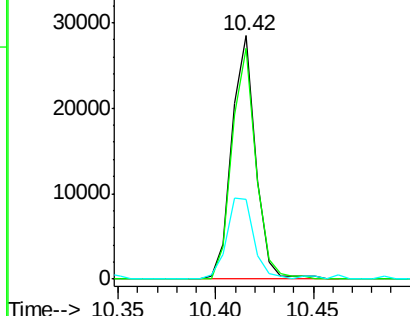
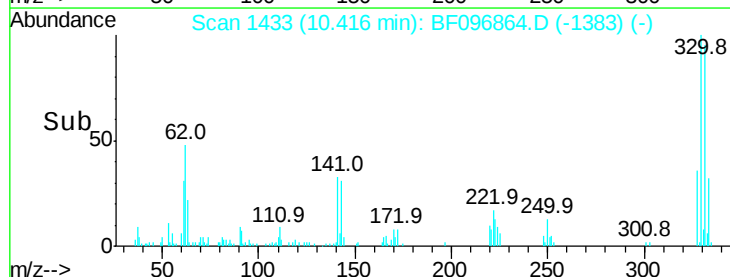
330 100

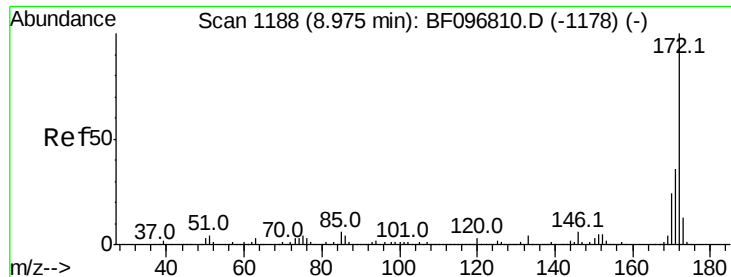
332 94.8 76.6 115.0

141 38.1 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

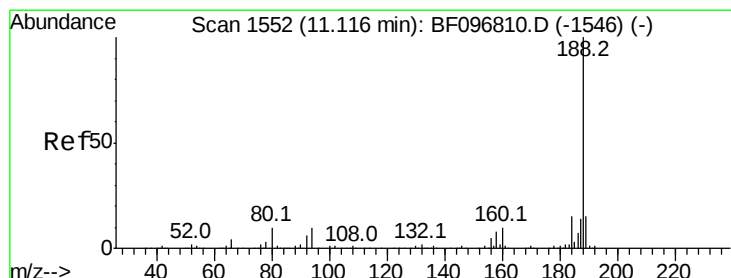
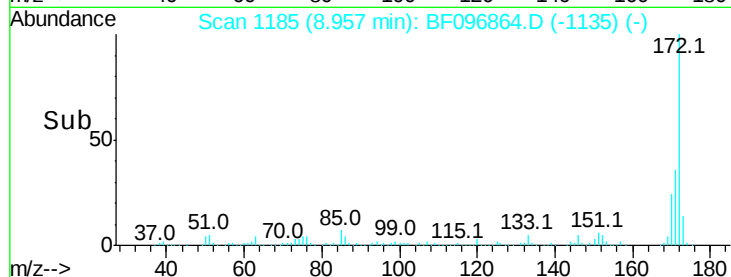
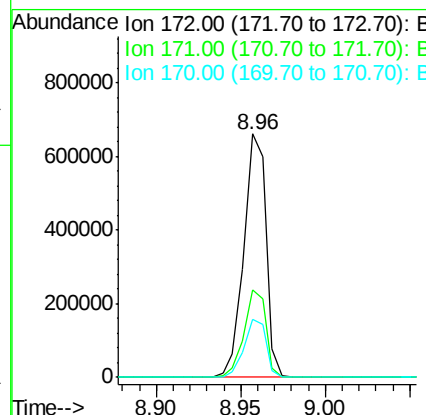
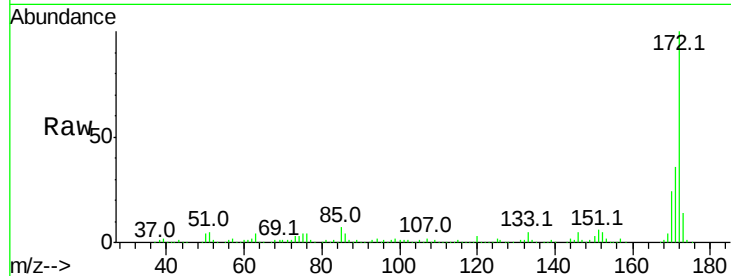




#44
 2-Fluorobiphenyl
 Concen: 75.928 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096864.D
 Acq: 19 Jul 2017 00:44

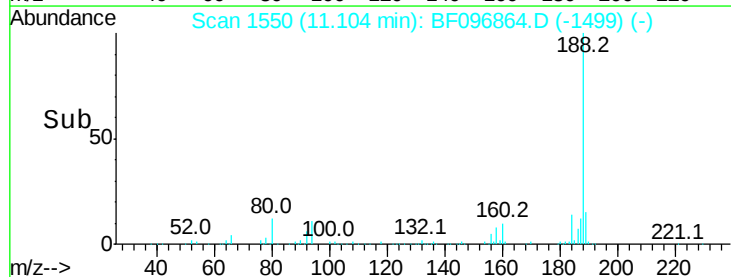
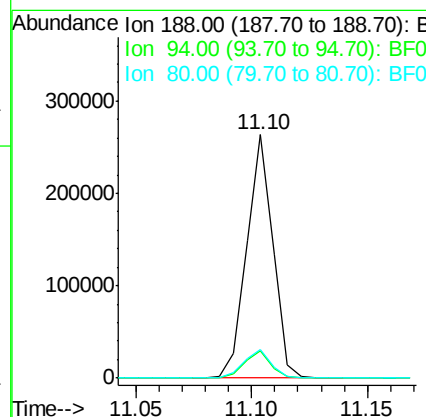
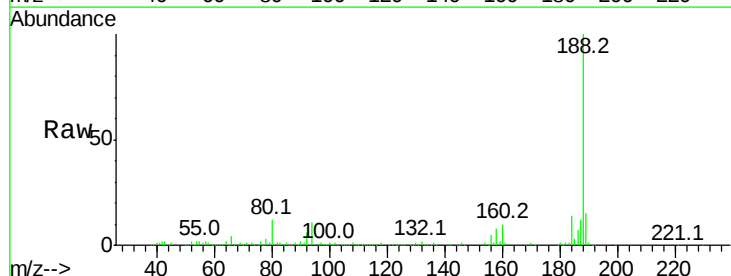
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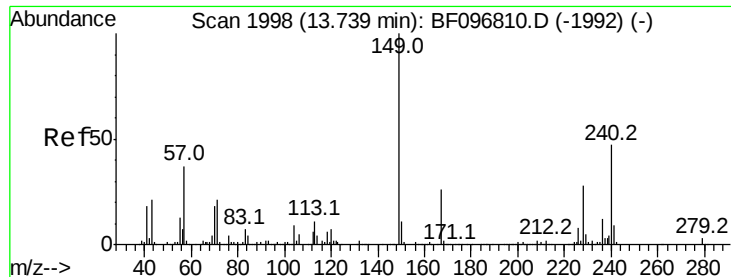
Tot Ion:172 Resp: 603445
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.9 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1550
 Delta R.T. -0.00 min
 Lab File: BF096864.D
 Acq: 19 Jul 2017 00:44

Tgt Ion:188 Resp: 208891
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

Instrument :

BNA_F

ClientSampleId :

M-COMB-07

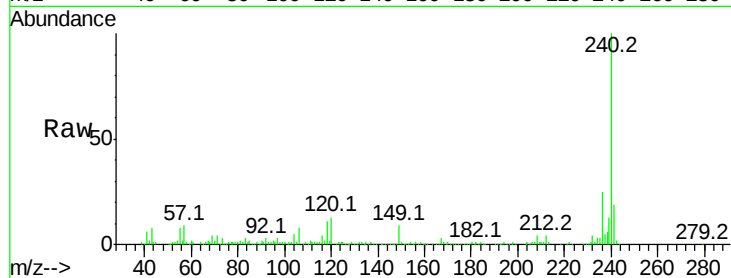
Tot Ion:240 Resp: 192067

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

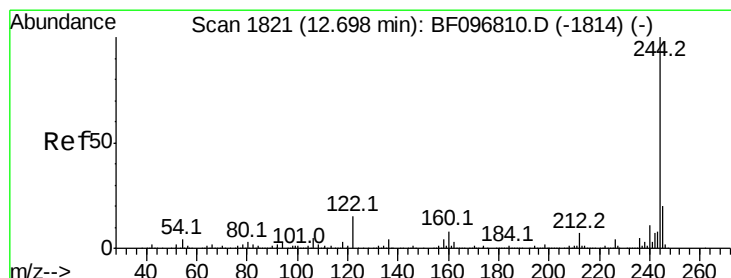
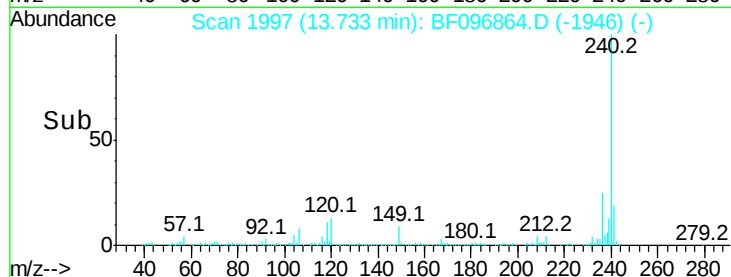
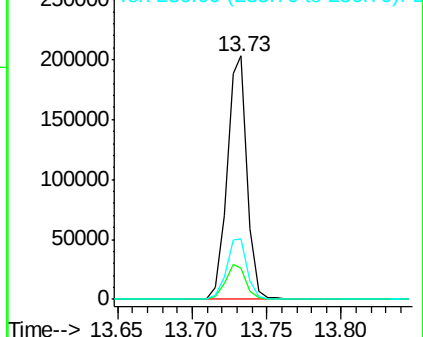
236 25.0 20.5 30.7



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: 40.726 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF096864.D

Acq: 19 Jul 2017 00:44

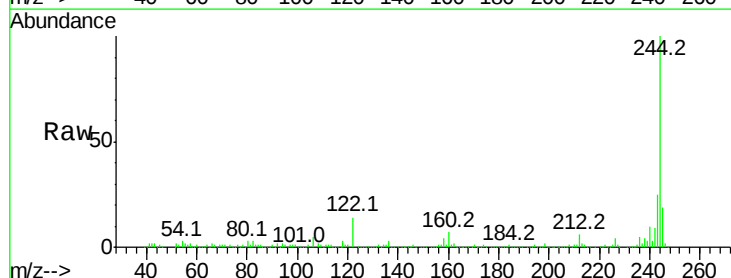
Tgt Ion:244 Resp: 451030

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

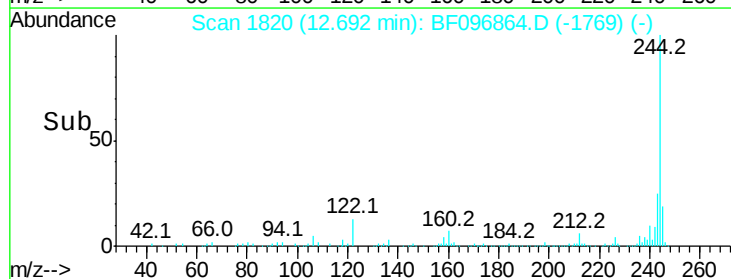
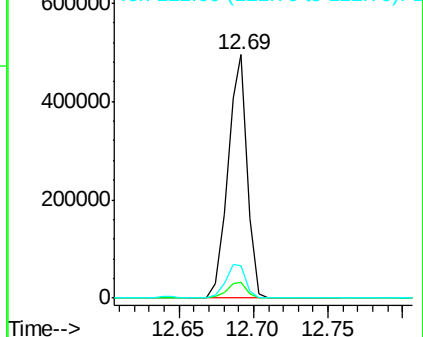
122 13.6 10.3 15.5

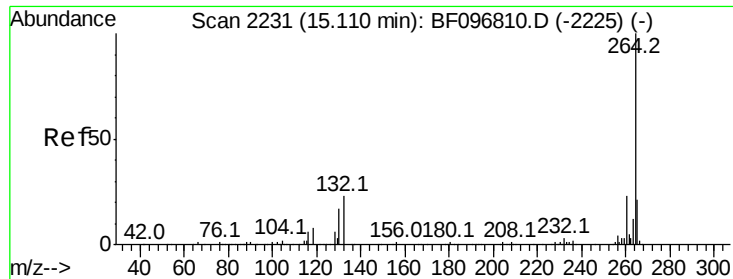


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF096864.D
Acq: 19 Jul 2017 00:44

Instrument :
BNA_F
ClientSampleId :
M-COMB-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	17.2	25.8

