

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096971.D
 Acq On : 22 Jul 2017 5:34
 Operator : SJ/JU
 Sample : I4274-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-05

Quant Time: Jul 24 13:52:39 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

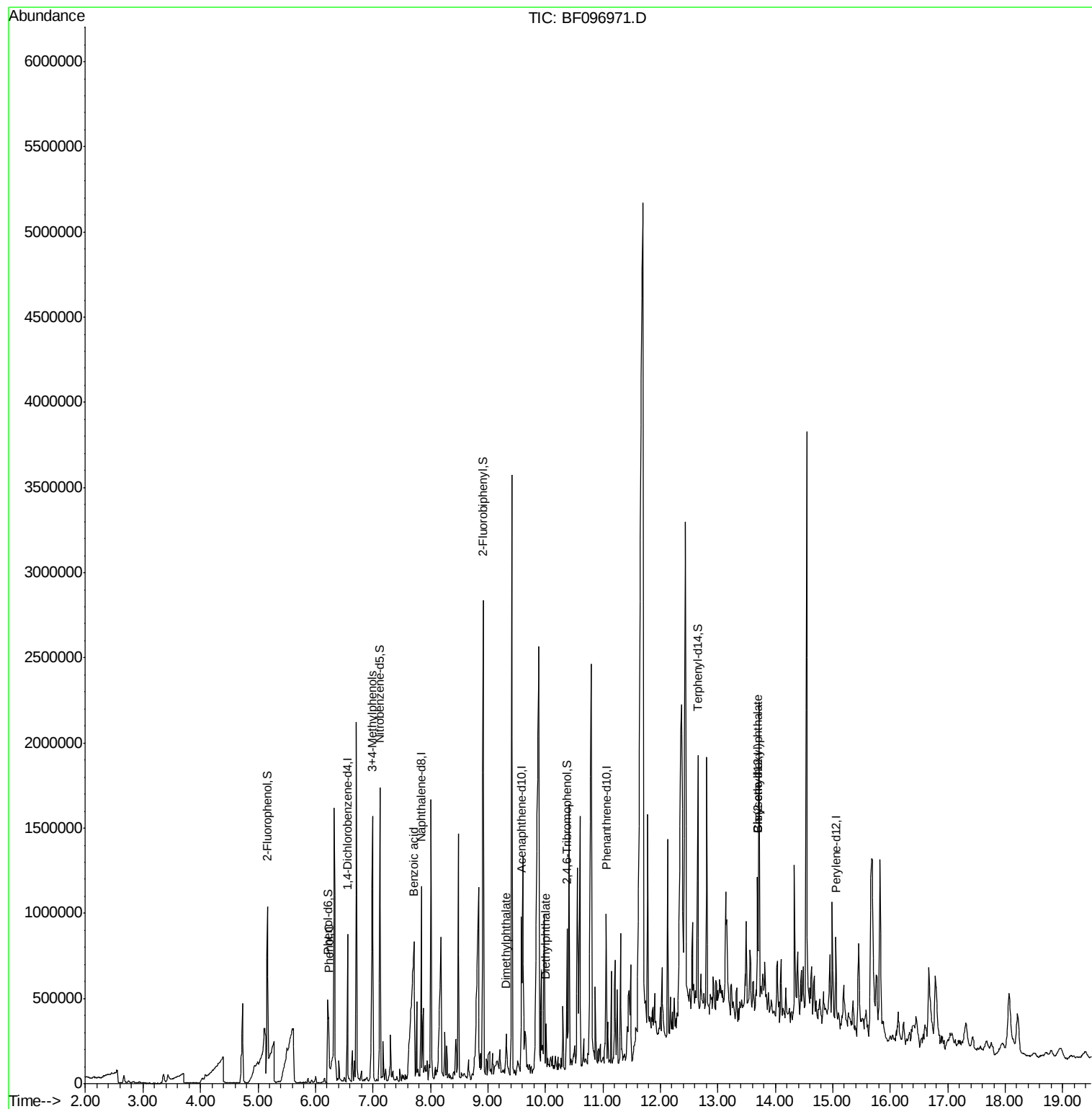
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	122512	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	479847	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	173827	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	226469	20.00	ng	-0.04
75) Chrysene-d12	13.69	240	223030	20.00	ng	-0.04
86) Perylene-d12	15.05	264	205528	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	259016	31.79	ng	-0.04
7) Phenol-d6	6.22	99	142781	14.60	ng	-0.04
23) Nitrobenzene-d5	7.12	82	515143	66.50	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	84527	56.97	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	839966	76.34	ng	-0.05
78) Terphenyl-d14	12.65	244	499186	38.82	ng	-0.04
Target Compounds						
10) Phenol	6.23	94	106172	9.605	ng	95
20) 3+4-Methylphenols	6.99	107	336251	40.538	ng	# 56
32) Benzoic acid	7.72	122	142302	30.378	ng	98
49) Dimethylphthalate	9.31	163	81566	6.232	ng	98
59) Diethylphthalate	10.01	149	87424	6.861	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	42809	3.655	ng	100

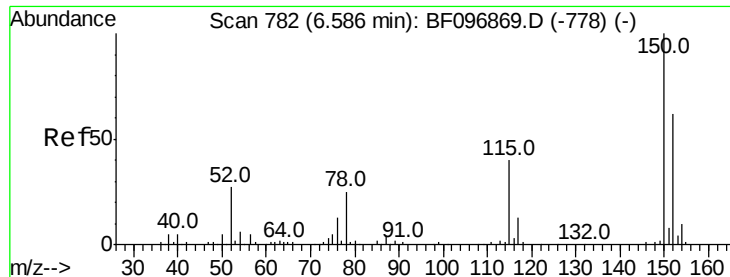
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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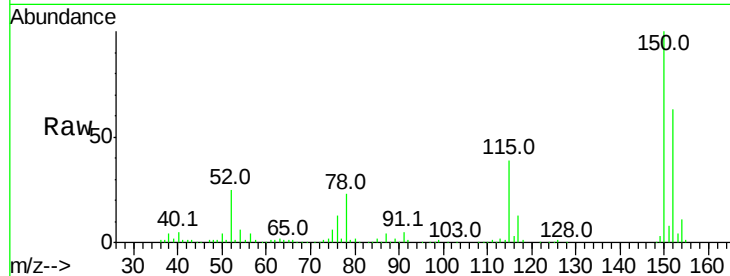


#1

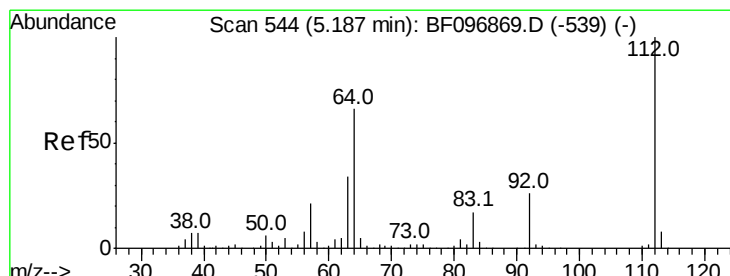
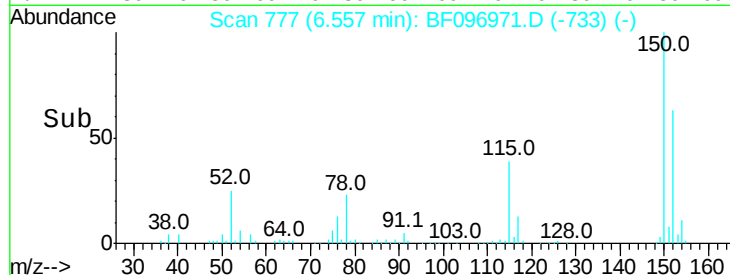
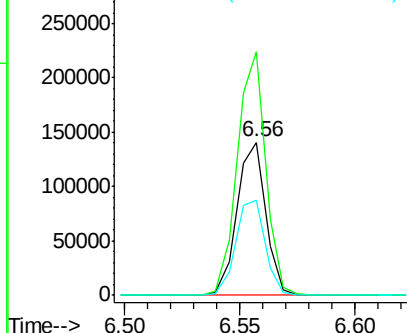
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096971.D
Acq: 22 Jul 2017 5:34

Instrument :
BNA_F
ClientSampleId :
M-COMB-05

Tot Ion:152 Resp: 122512
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 62.2 52.2 78.2



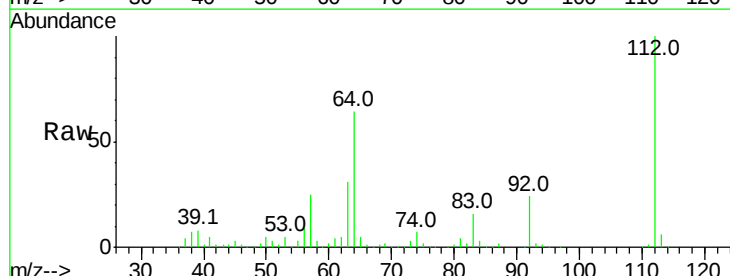
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



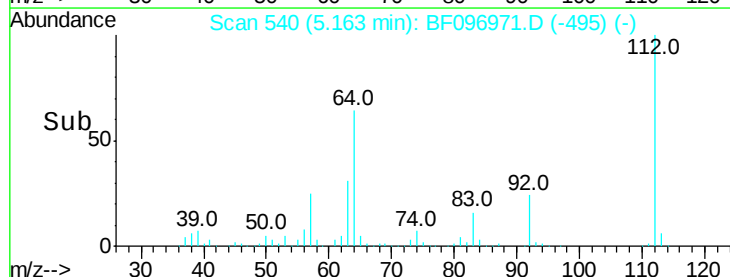
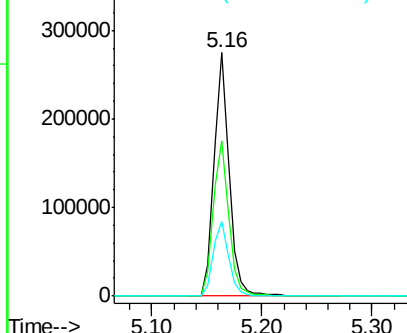
#5

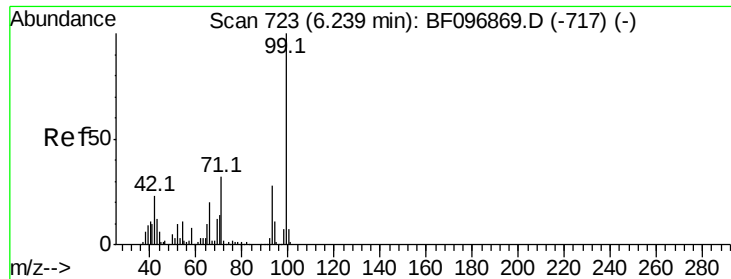
2-Fluorophenol
Concen: 31.789 ng
RT: 5.16 min Scan# 540
Delta R.T. -0.04 min
Lab File: BF096971.D
Acq: 22 Jul 2017 5:34

Tgt Ion:112 Resp: 259016
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 30.8 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: 14.603 ng

RT: 6.22 min Scan# 719

Delta R.T. -0.04 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

Instrument :

BNA_F

ClientSampleId :

M-COMB-05

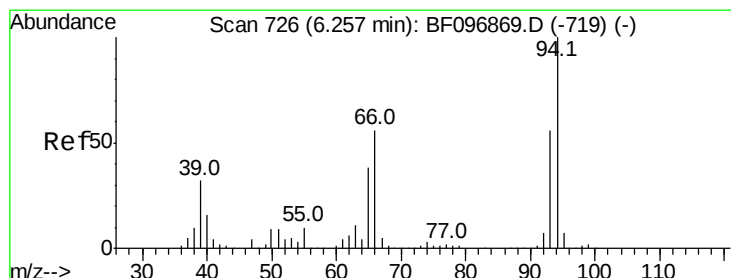
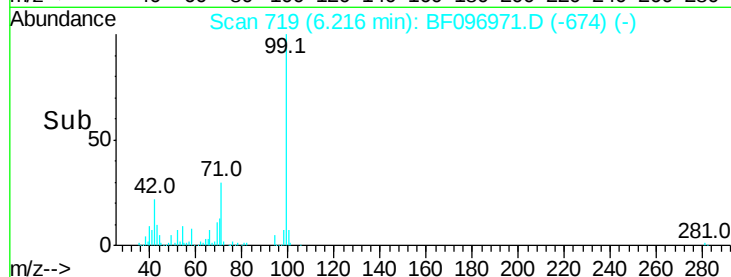
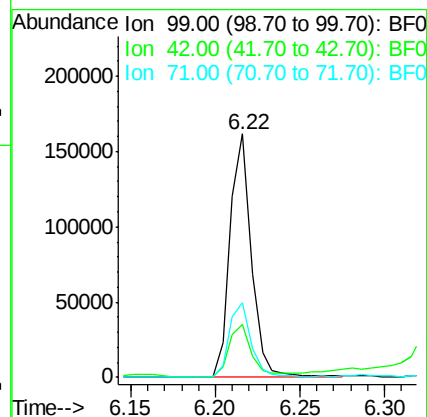
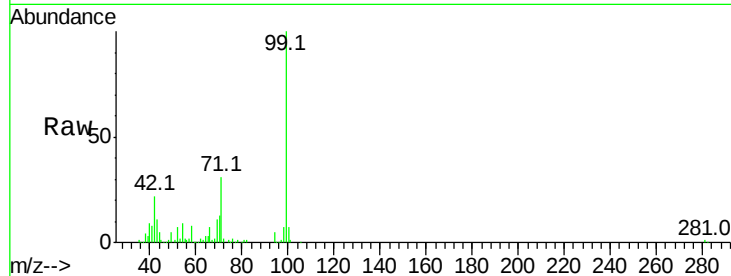
Tot Ion: 99 Resp: 142781

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

71 30.5 24.5 36.7



#10

Phenol

Concen: 9.605 ng

RT: 6.23 min Scan# 721

Delta R.T. -0.04 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

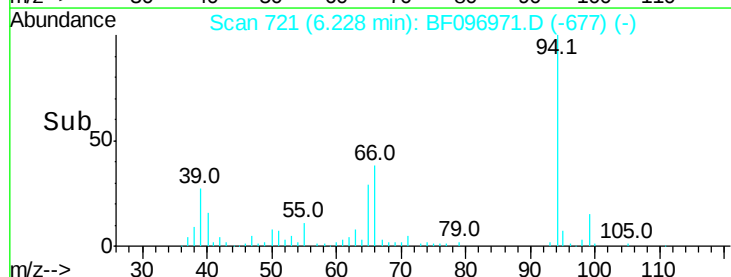
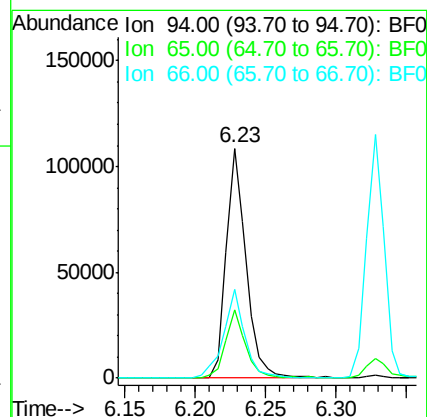
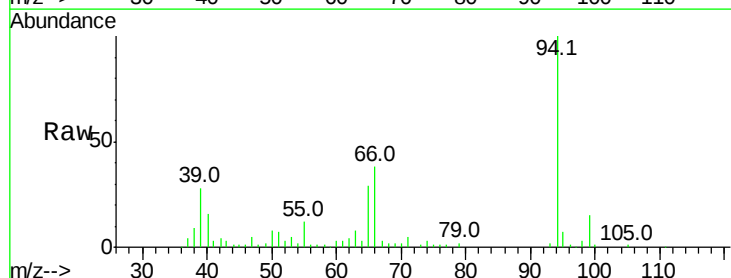
Tgt Ion: 94 Resp: 106172

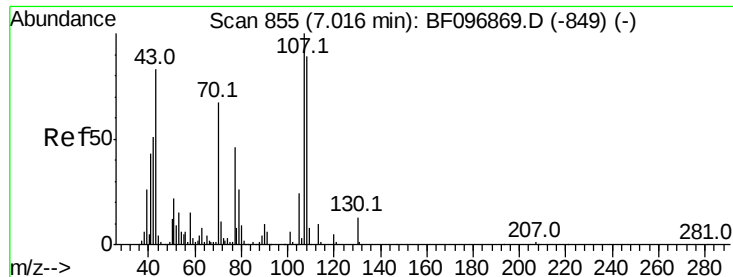
Ion Ratio Lower Upper

94 100

65 29.4 9.9 49.9

66 38.5 23.1 63.1





#20

3+4-Methylphenols

Concen: 40.538 ng

RT: 6.99 min Scan# 851

Delta R.T. -0.04 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

Instrument :

BNA_F

ClientSampleId :

M-COMB-05

Tot Ion:107 Resp: 336251

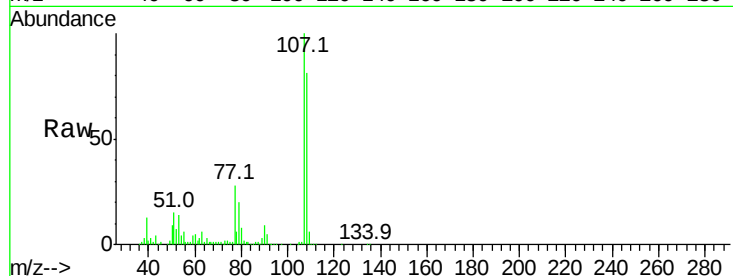
Ion Ratio Lower Upper

107 100

108 80.7 71.0 111.0

77 28.3 90.5 130.5#

79 20.0 8.4 48.4

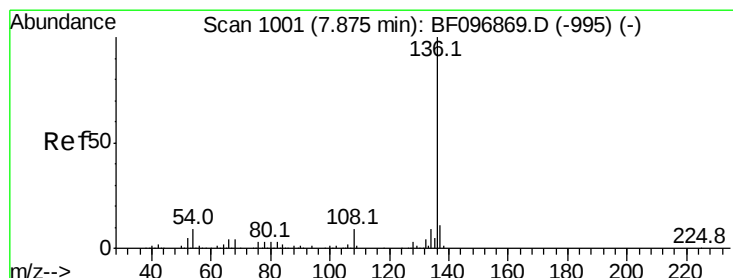
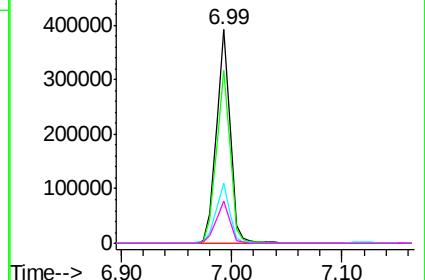
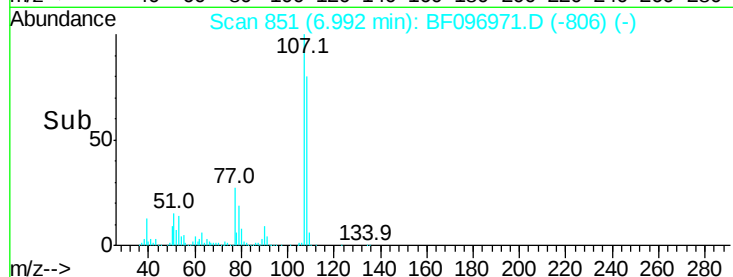


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

Tgt Ion:136 Resp: 479847

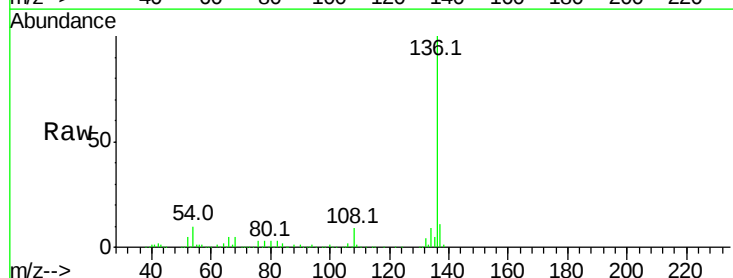
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.8 4.9 7.3#

68 5.3 4.1 6.1

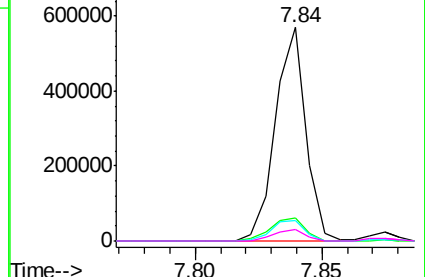
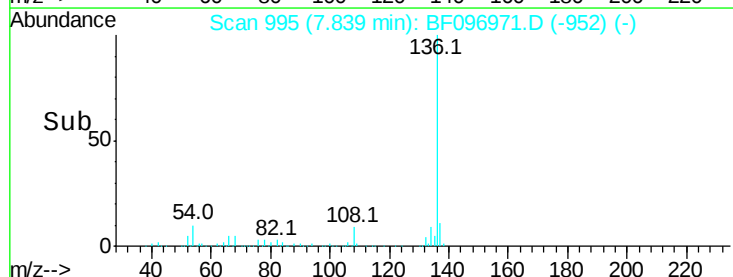


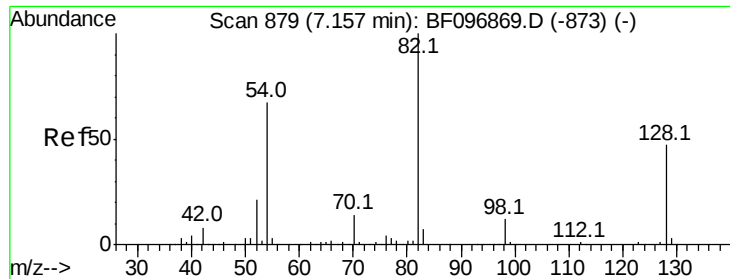
Abundance Ion 136.00 (135.70 to 136.70): E

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

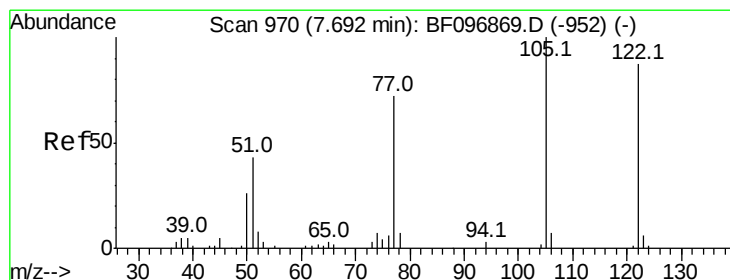
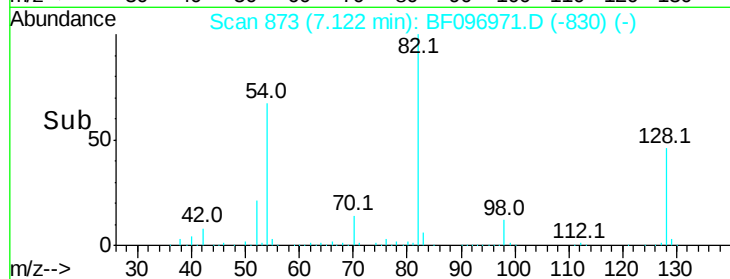
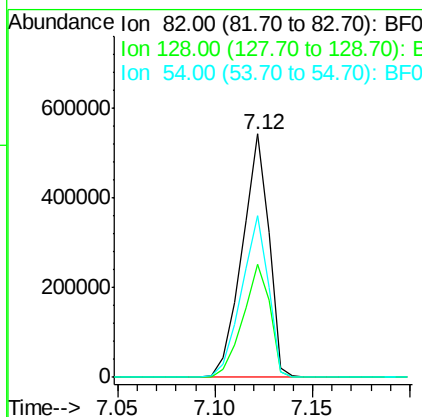
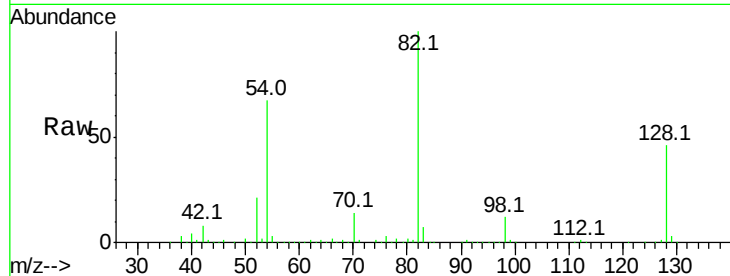




#23
 Nitrobenzene-d5
 Concen: 66.497 ng
 RT: 7.12 min Scan# 873
 Delta R.T. -0.05 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

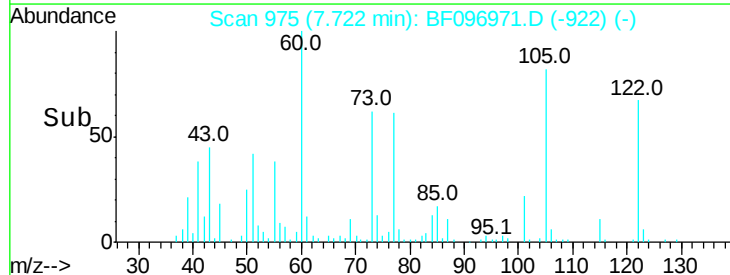
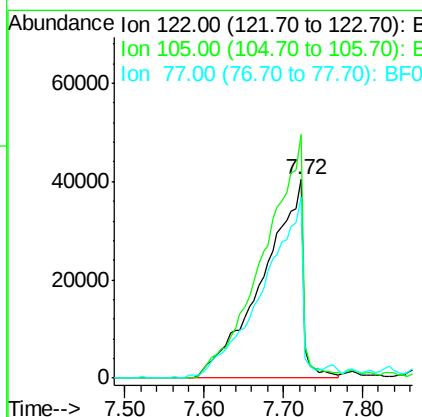
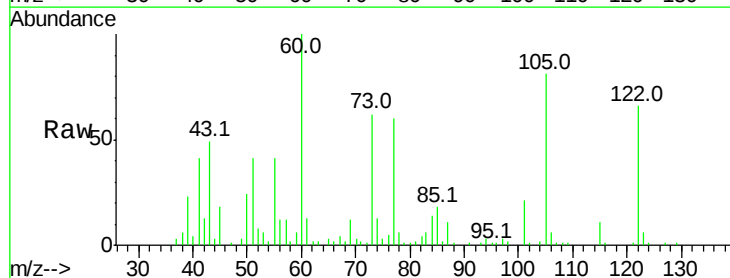
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-05

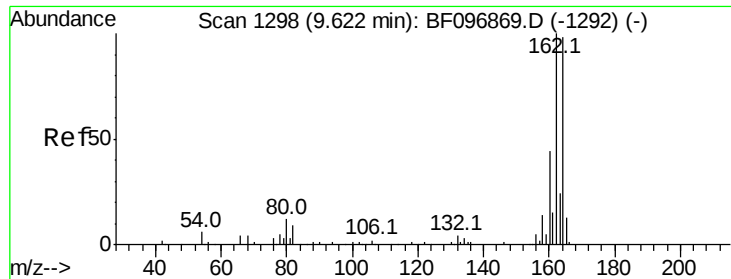
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	66.7	42.2	63.2#



#32
 Benzoic acid
 Concen: 30.378 ng
 RT: 7.72 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	103.3	143.3
77	91.0	73.7	113.7

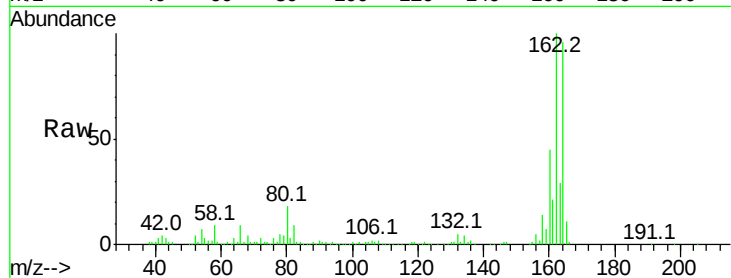




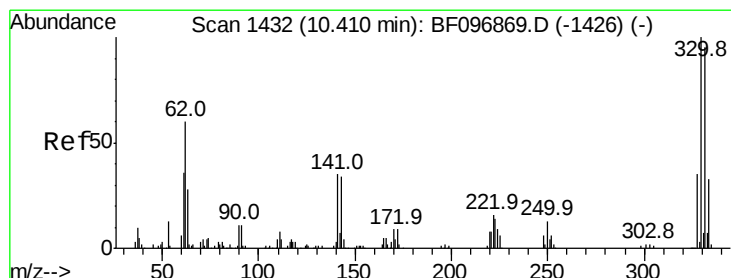
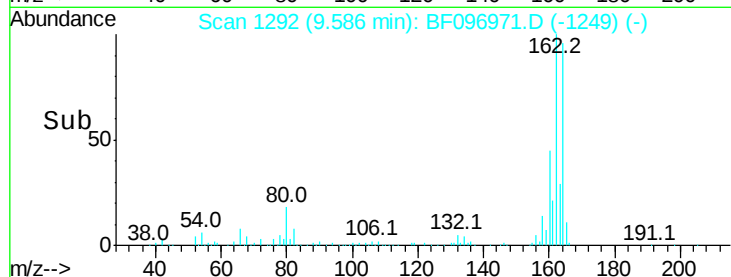
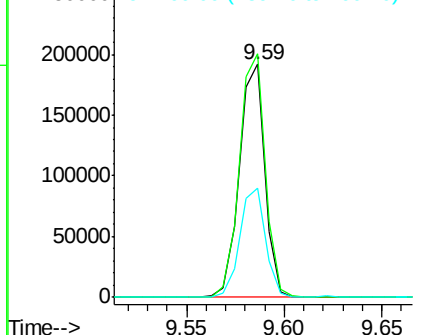
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-05

Tot Ion:164 Resp: 173827
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.7 36.2 54.2

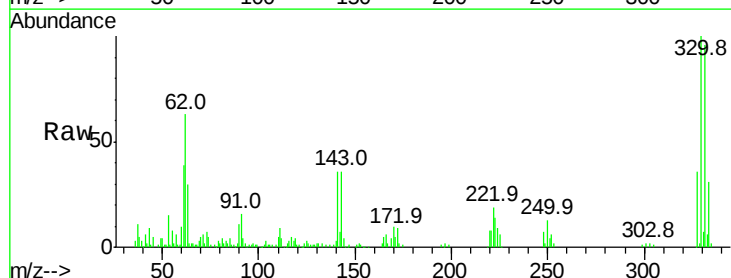


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

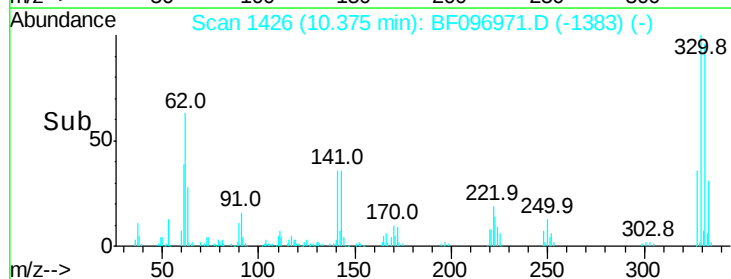
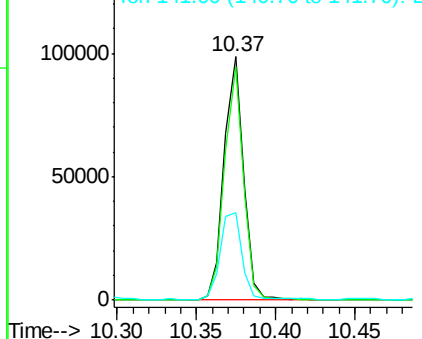


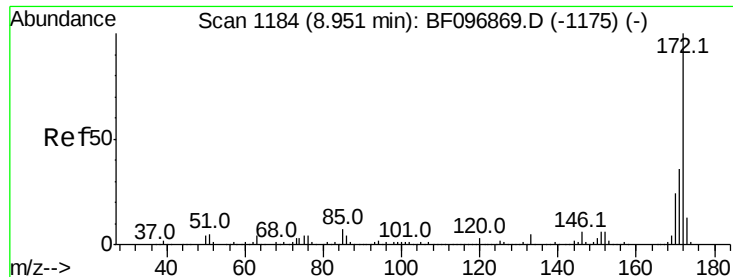
#41
 2,4,6-Tribromophenol
 Concen: 56.968 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

Tgt Ion:330 Resp: 84527
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 115.0
 141 40.0 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

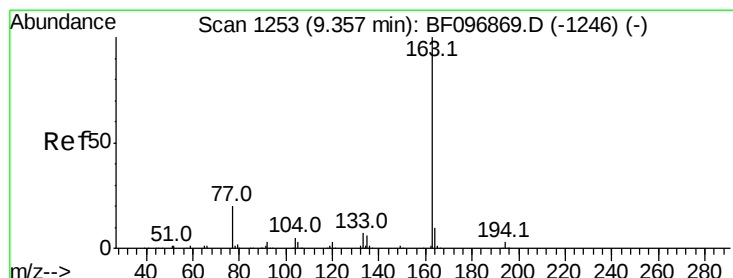
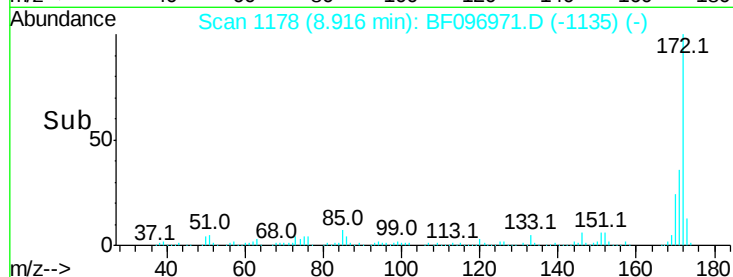
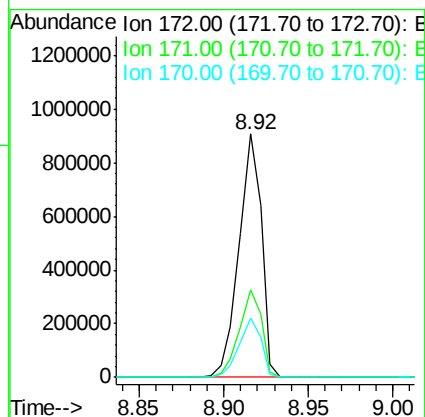
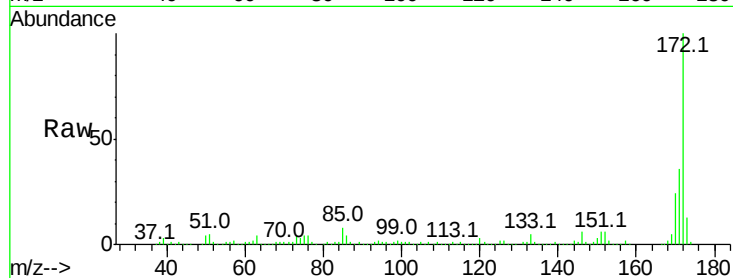




#44
 2-Fluorobiphenyl
 Concen: 76.345 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

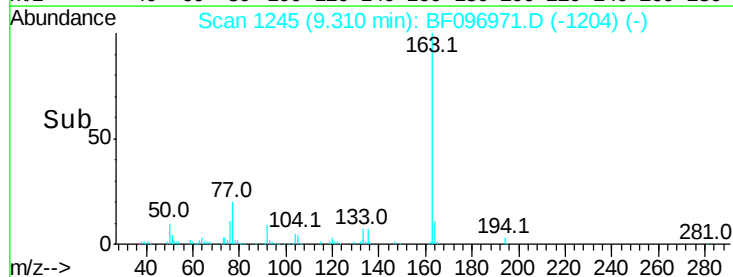
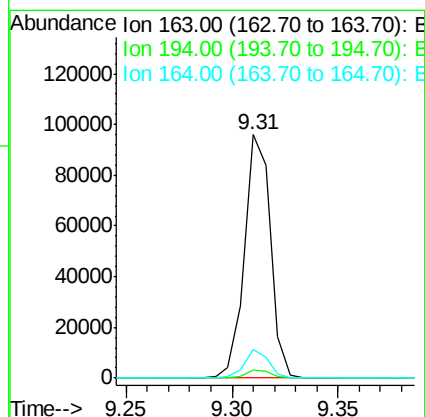
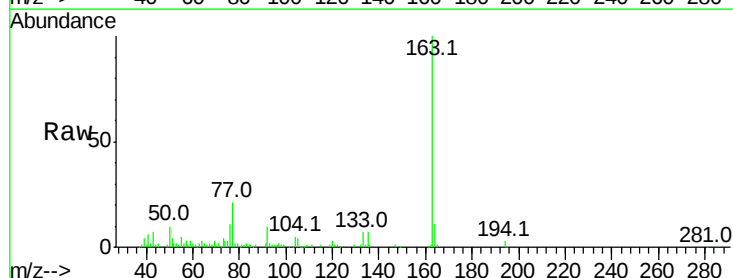
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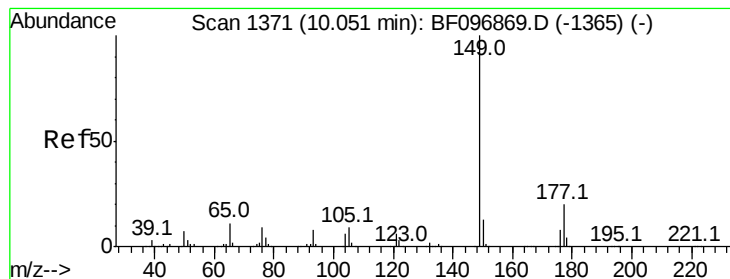
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.1	19.8	29.8



#49
 Dimethylphthalate
 Concen: 6.232 ng
 RT: 9.31 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	11.5	8.4	12.6





#59

Diethylphthalate

Concen: 6.861 ng

RT: 10.01 min Scan# 1364

Delta R.T. -0.05 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

Instrument :

BNA_F

ClientSampleId :

M-COMB-05

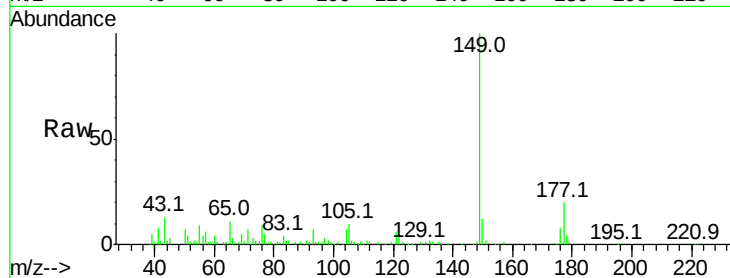
Tot Ion:149 Resp: 87424

Ion Ratio Lower Upper

149 100

177 19.8 16.7 25.1

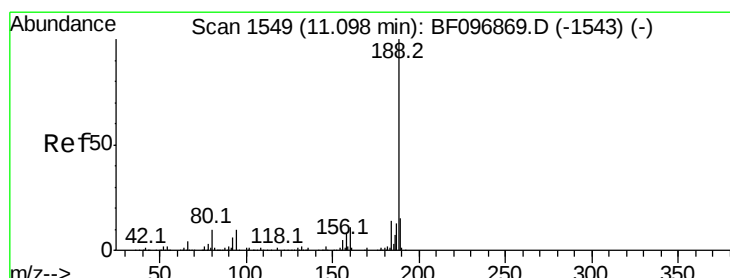
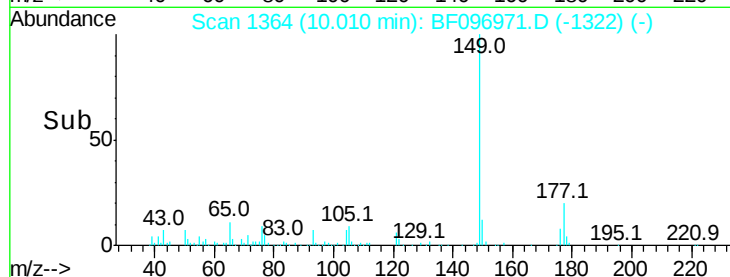
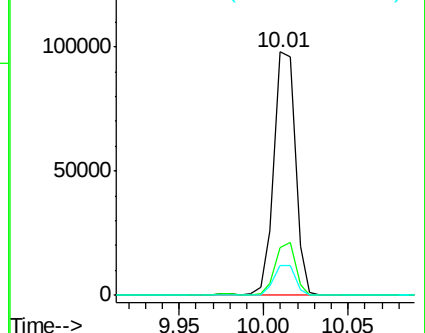
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.06 min Scan# 1543

Delta R.T. -0.04 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

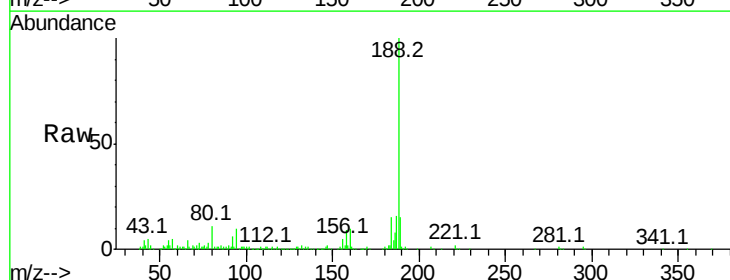
Tgt Ion:188 Resp: 226469

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

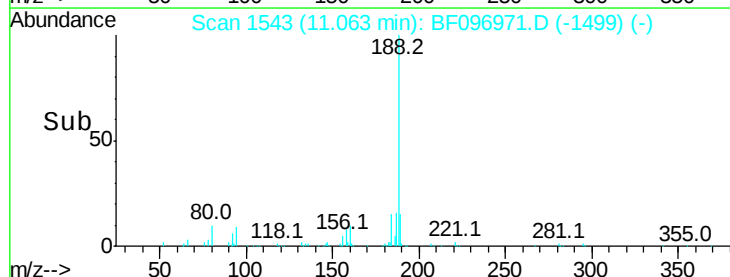
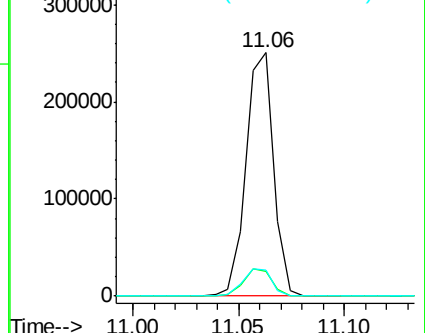
80 10.8 10.2 15.2

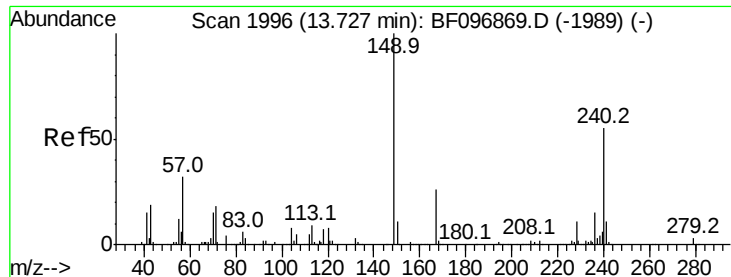


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1990

Delta R.T. -0.04 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

Instrument :

BNA_F

ClientSampleId :

M-COMB-05

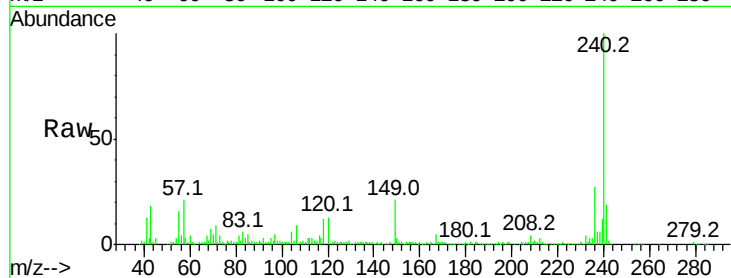
Tot Ion:240 Resp: 223030

Ion Ratio Lower Upper

240 100

120 12.9 5.8 8.8#

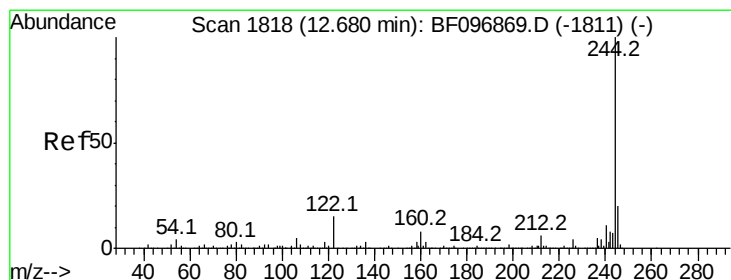
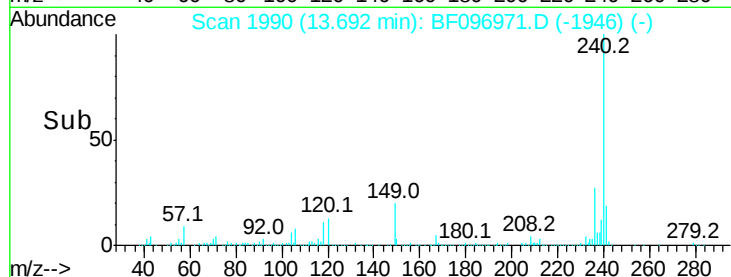
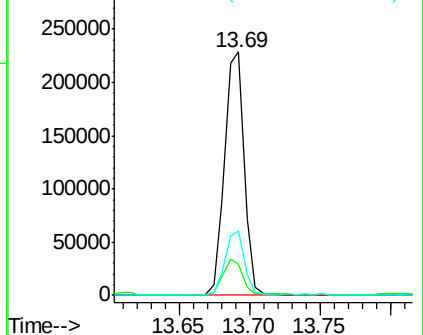
236 26.5 20.5 30.7



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: 38.816 ng

RT: 12.65 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF096971.D

Acq: 22 Jul 2017 5:34

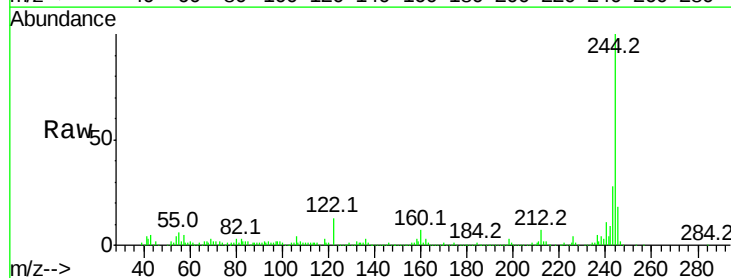
Tgt Ion:244 Resp: 499186

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

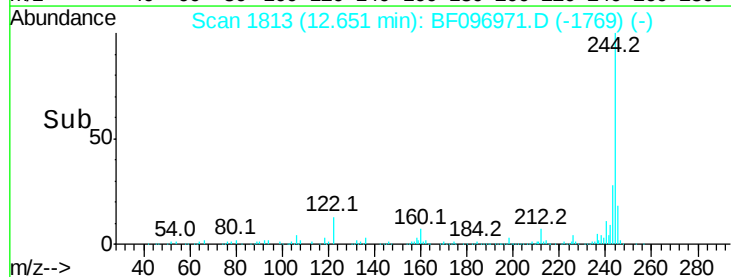
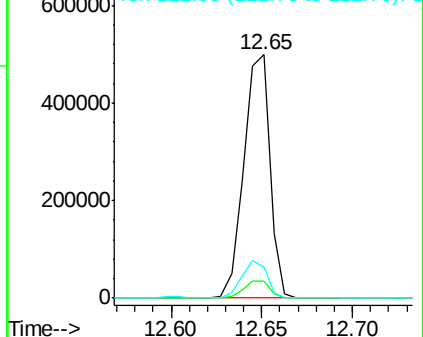
122 12.9 10.3 15.5

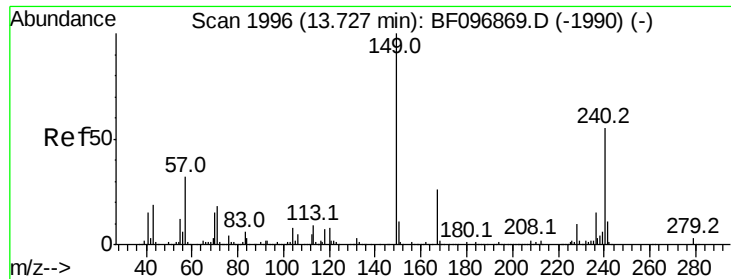


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

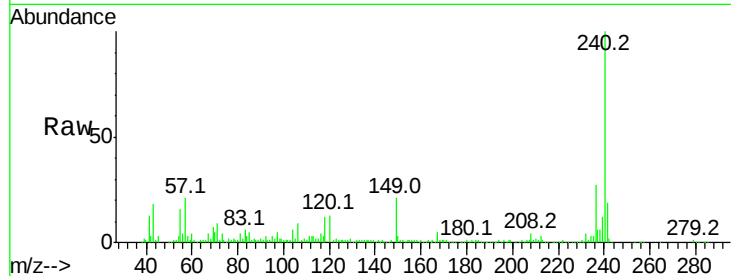




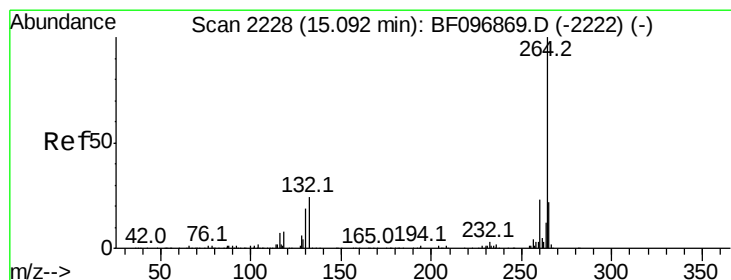
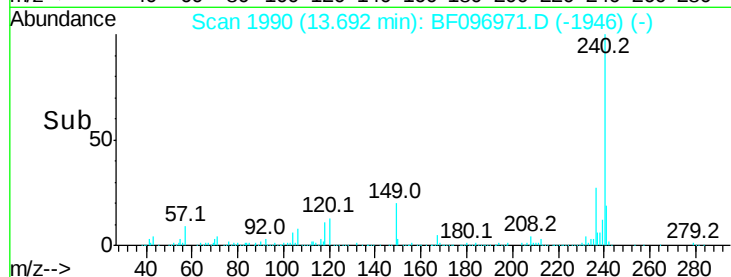
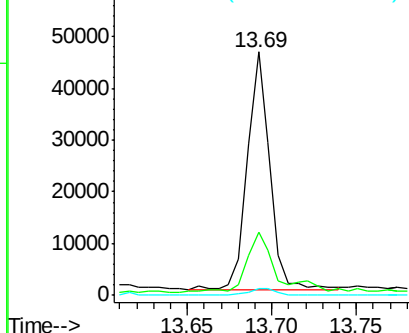
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.655 ng
 RT: 13.69 min Scan# 1990
 Delta R.T. -0.04 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-05

Tot Ion:149 Resp: 42809
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.4
 279 2.8 1.9 2.9

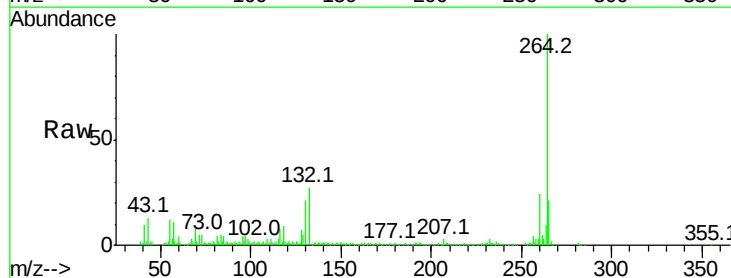


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096971.D
 Acq: 22 Jul 2017 5:34

Tgt Ion:264 Resp: 205528
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 20.9 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

