

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096863.D
 Acq On : 19 Jul 2017 00:16
 Operator : SJ/JU
 Sample : I4234-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-01

Quant Time: Jul 19 01:18:19 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

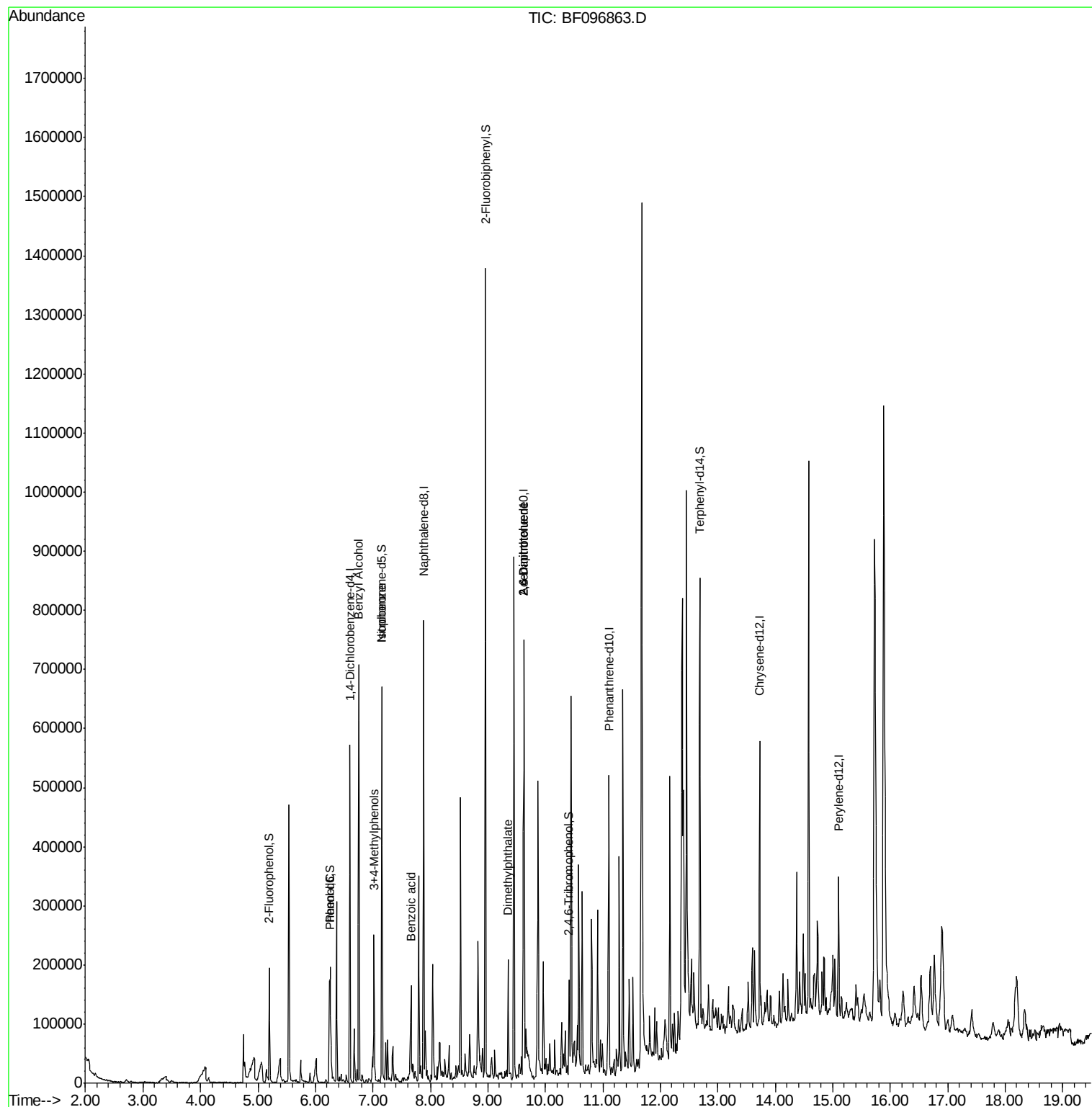
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	74131	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	305177	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	118688	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	159340	20.00	ng	0.00
75) Chrysene-d12	13.73	240	143551	20.00	ng	0.00
86) Perylene-d12	15.10	264	90527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	52219	10.59	ng	0.00
7) Phenol-d6	6.25	99	41756	7.06	ng	0.00
23) Nitrobenzene-d5	7.16	82	164266	33.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	16853	16.64	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	347476	46.25	ng	0.00
78) Terphenyl-d14	12.69	244	219081	26.47	ng	0.00
Target Compounds						
10) Phenol	6.26	94	45522	6.81	ng	Qvalue 92
15) Benzyl Alcohol	6.75	79	9820	2.54	ng	88
20) 3+4-Methylphenols	7.02	107	52938	10.55	ng	# 54
25) Isophorone	7.16	82	162607	17.74	ng	# 67
32) Benzoic acid	7.66	122	6229	2.09	ng	88
49) Dimethylphthalate	9.35	163	50943	5.70	ng	100
50) 2,6-Dinitrotoluene	9.63	165	15433	7.97	ng	# 31
56) 2,4-Dinitrotoluene	9.63	165	15433	6.20	ng	# 31

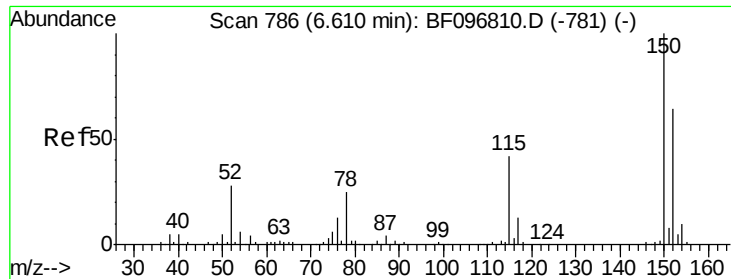
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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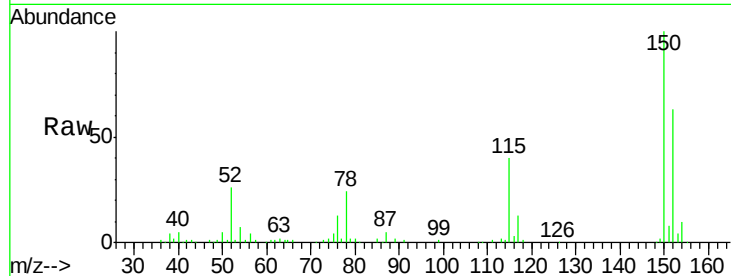


#1

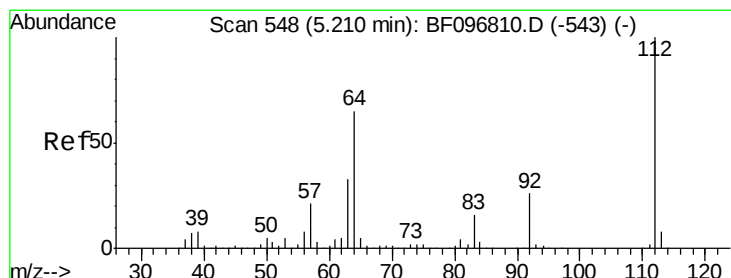
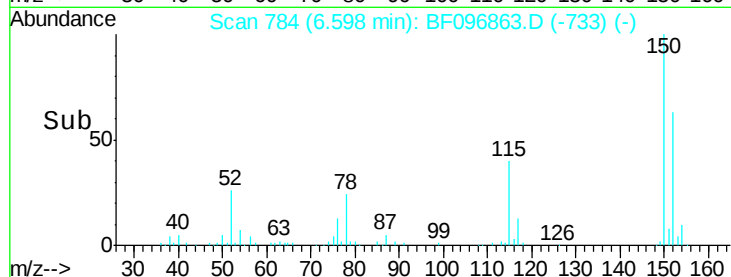
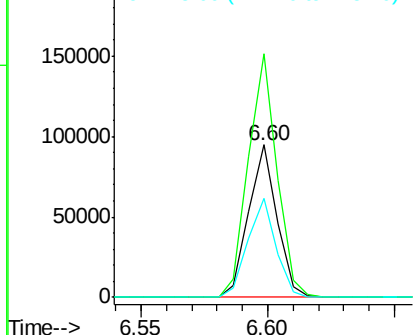
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
M-COMB-01

Tot Ion:152 Resp: 74131
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 64.5 52.2 78.2



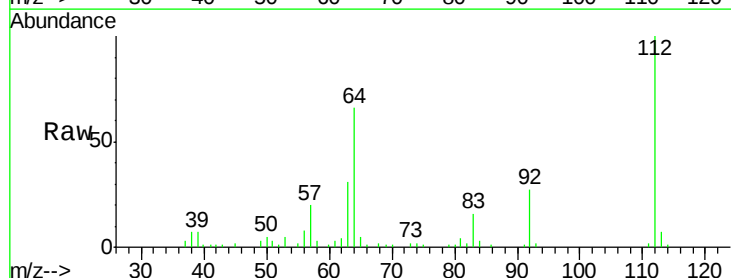
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



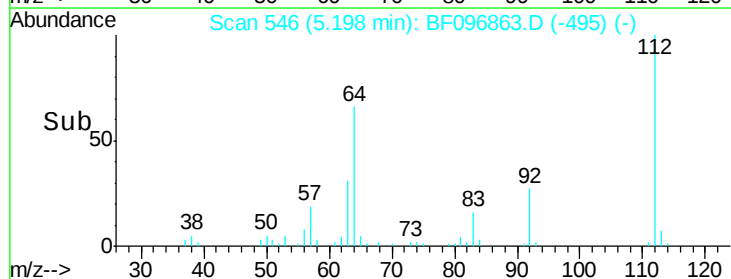
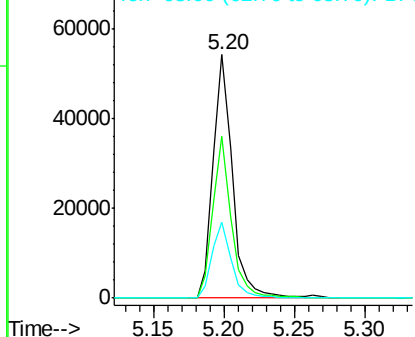
#5

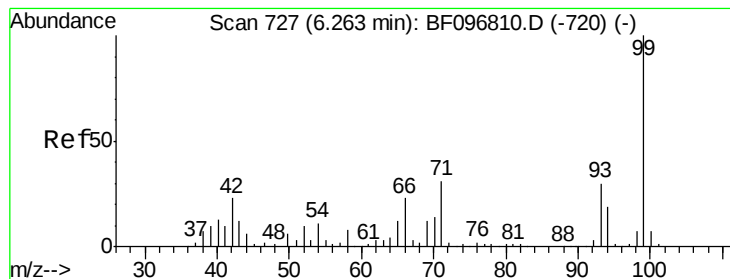
2-Fluorophenol
Concen: 10.59 ng
RT: 5.20 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion:112 Resp: 52219
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 31.3 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: 7.06 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

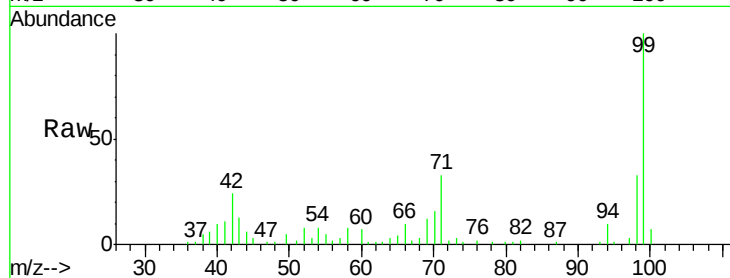
BNA_F

ClientSampled :

M-COMB-01

Tot Ion: 99 Resp: 41756

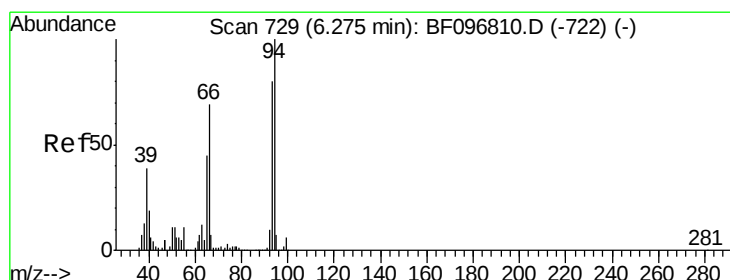
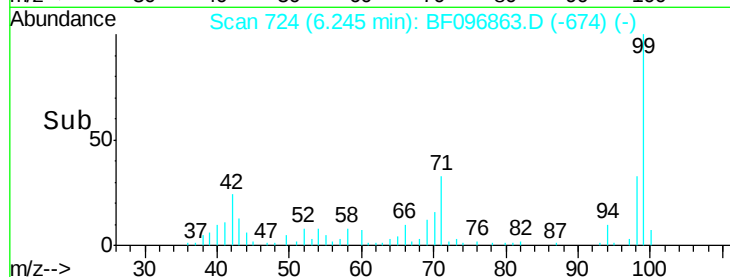
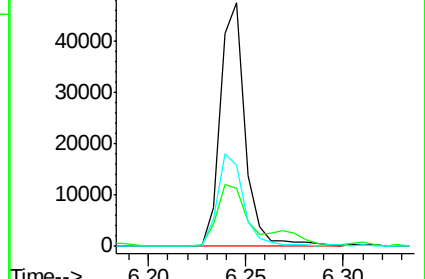
Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	33.2	24.5	36.7



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: 6.81 ng

RT: 6.26 min Scan# 726

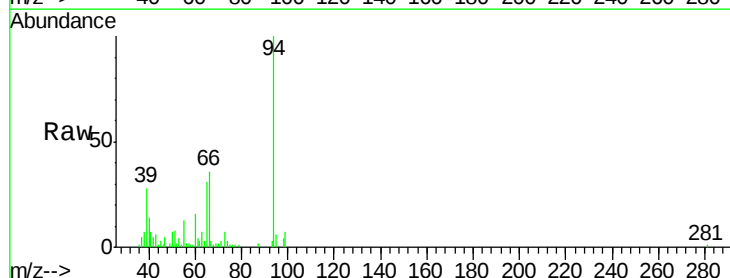
Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Tgt Ion: 94 Resp: 45522

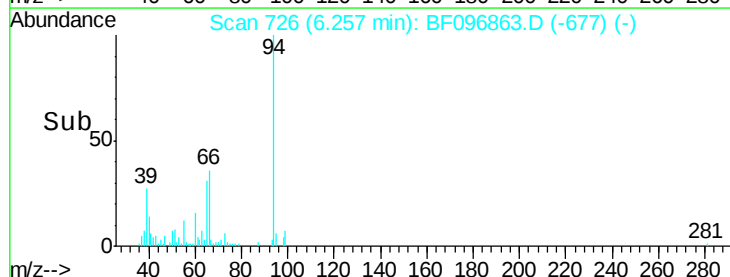
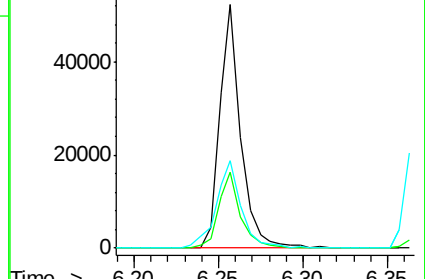
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	35.7	23.1	63.1

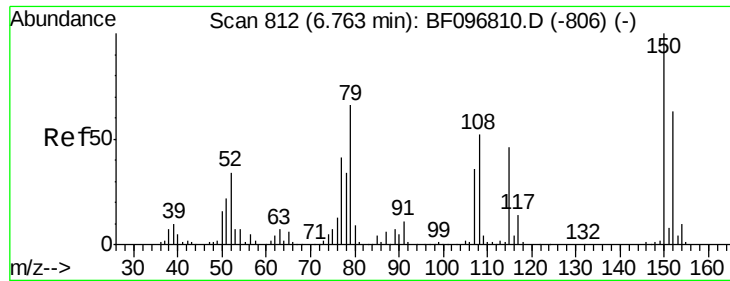


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 6.75 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

ClientSampleId :

M-COMB-01

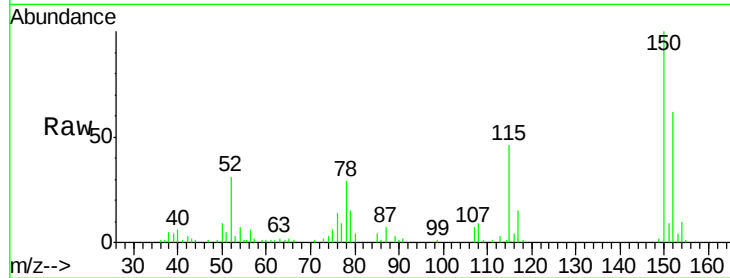
Tot Ion: 79 Resp: 9820

Ion Ratio Lower Upper

79 100

108 63.4 63.4 95.0

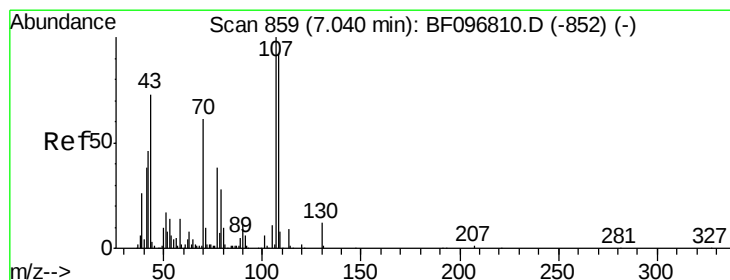
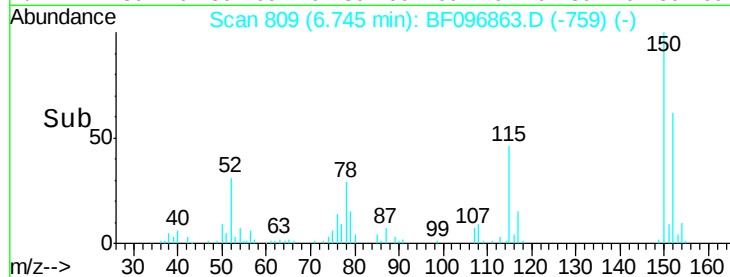
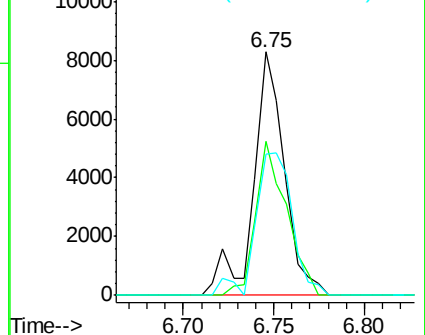
77 57.9 49.2 73.8



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



#20

3+4-Methylphenols

Concen: 10.55 ng

RT: 7.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Tgt Ion: 107 Resp: 52938

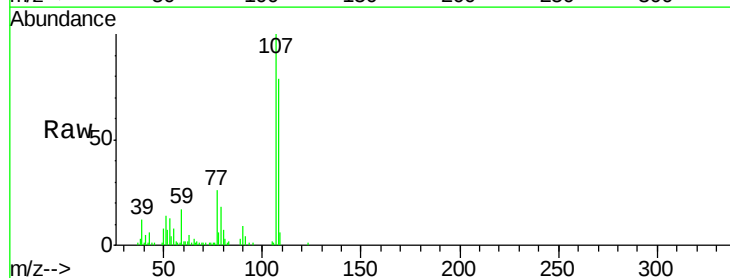
Ion Ratio Lower Upper

107 100

108 78.9 71.0 111.0

77 25.8 90.5 130.5#

79 18.5 8.4 48.4

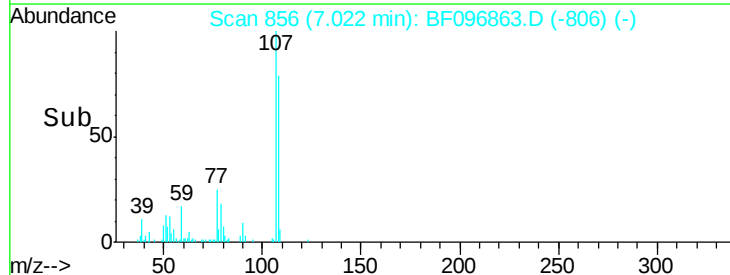
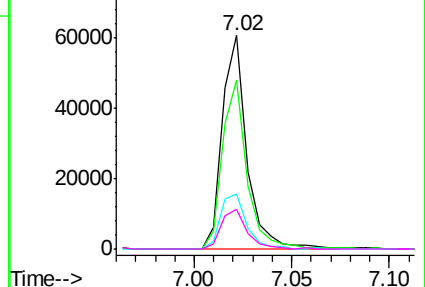


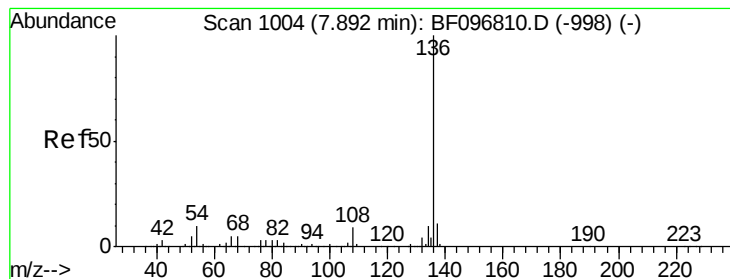
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

ClientSampleId :

M-COMB-01

Tot Ion:136 Resp: 305177

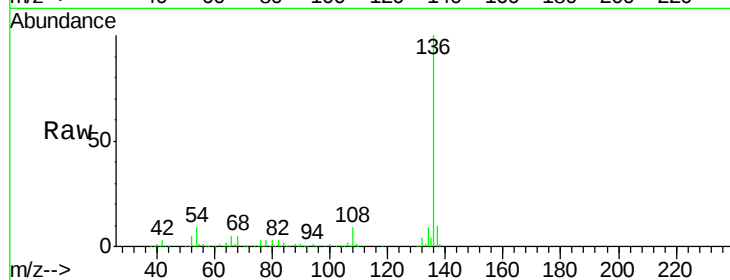
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 9.5 4.9 7.3#

68 4.7 4.1 6.1

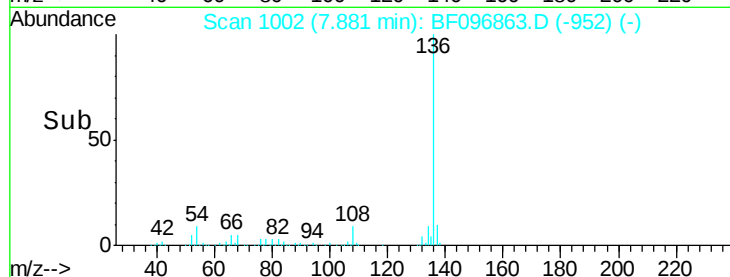


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

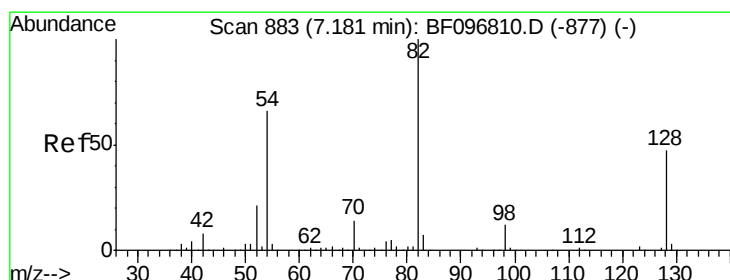
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.88



#23

Nitrobenzene-d5

Concen: 33.34 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

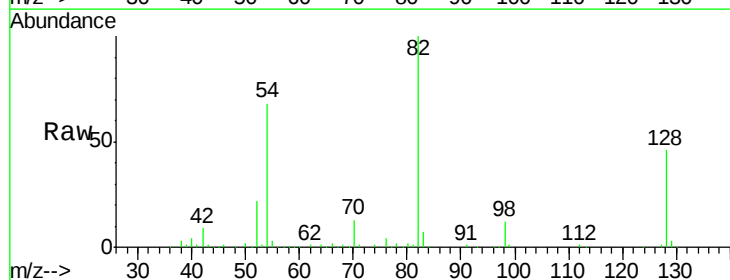
Tgt Ion: 82 Resp: 164266

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

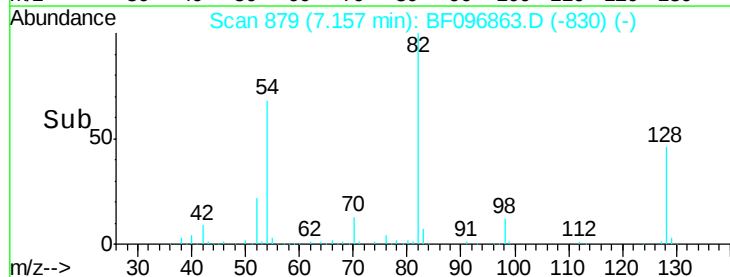
54 68.0 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

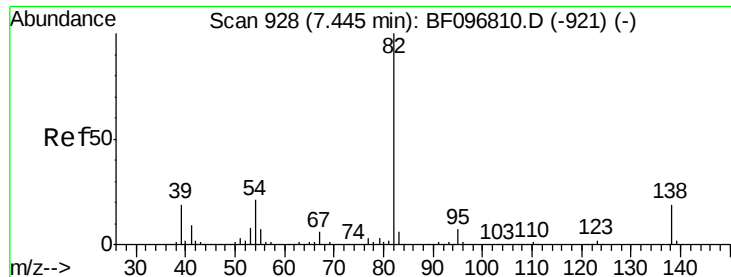
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

7.16



#25

Isophorone

Concen: 17.74 ng

RT: 7.16 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

ClientSampleId :

M-COMB-01

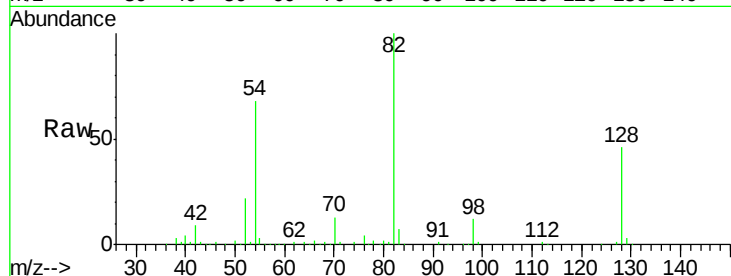
Tot Ion: 82 Resp: 162607

Ion Ratio Lower Upper

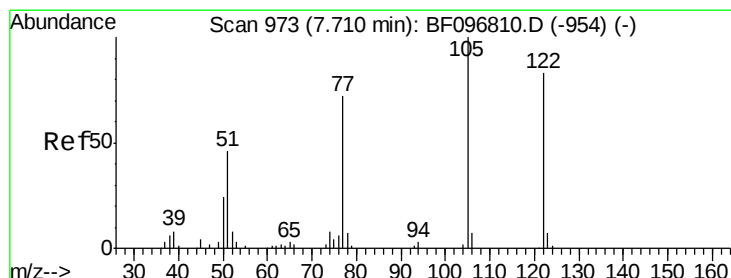
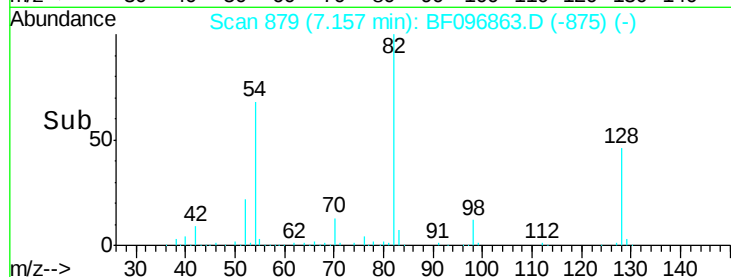
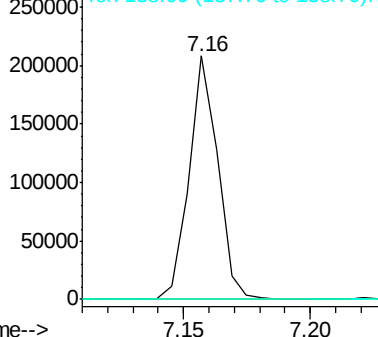
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#32

Benzoic acid

Concen: 2.09 ng

RT: 7.66 min Scan# 964

Delta R.T. -0.05 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

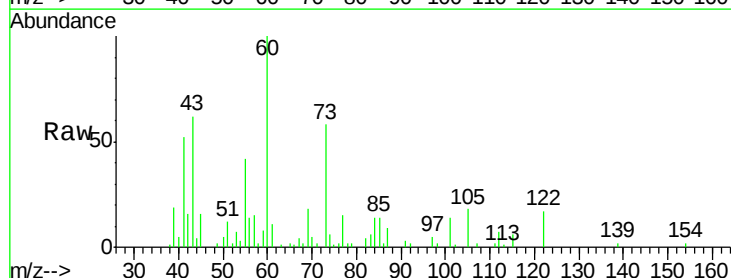
Tgt Ion: 122 Resp: 6229

Ion Ratio Lower Upper

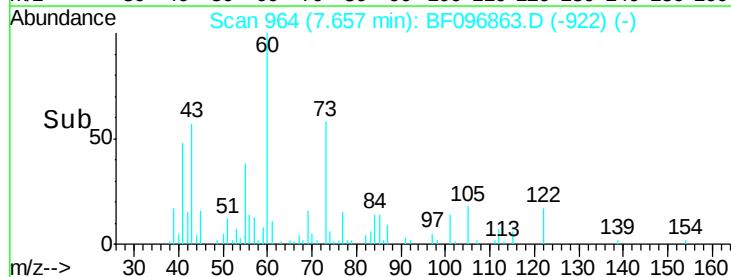
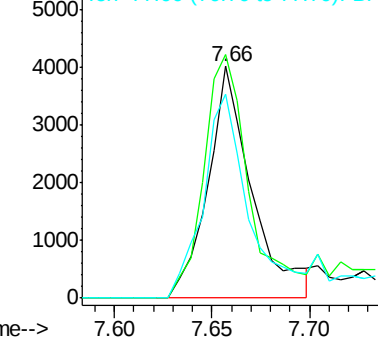
122 100

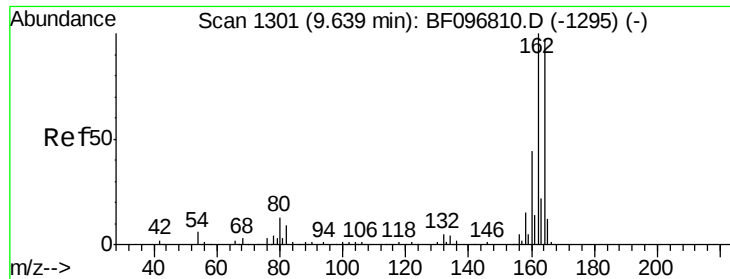
105 105.2 103.3 143.3

77 87.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

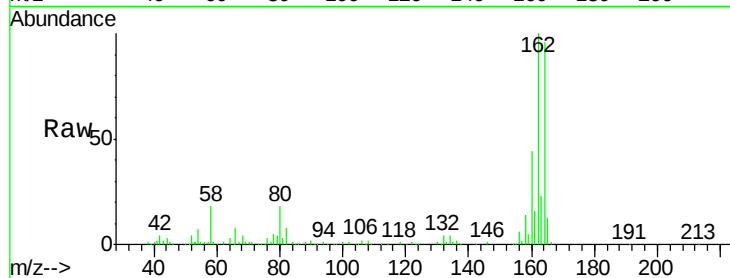




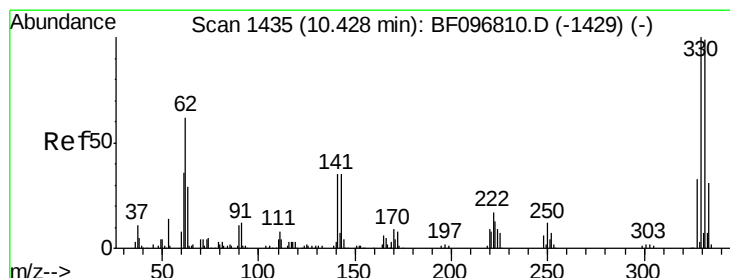
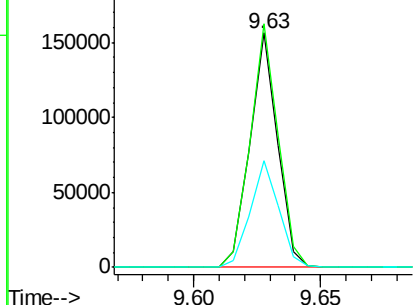
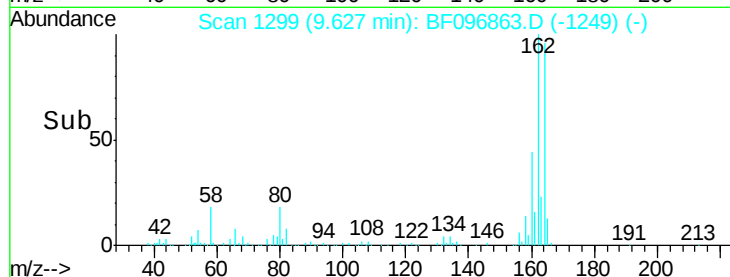
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampleId :
M-COMB-01

Tot Ion:164 Resp: 118688
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.4 36.2 54.2

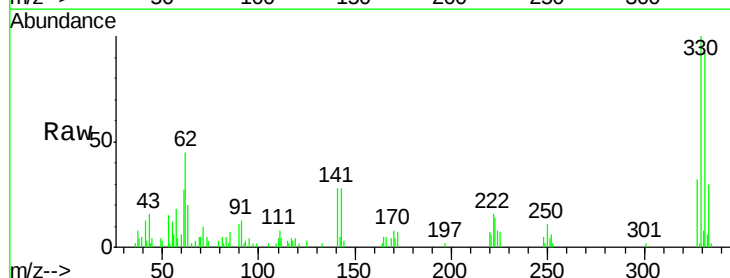


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

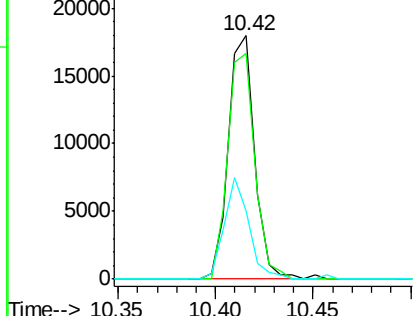
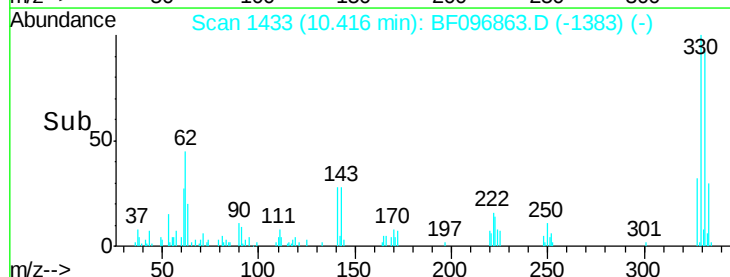


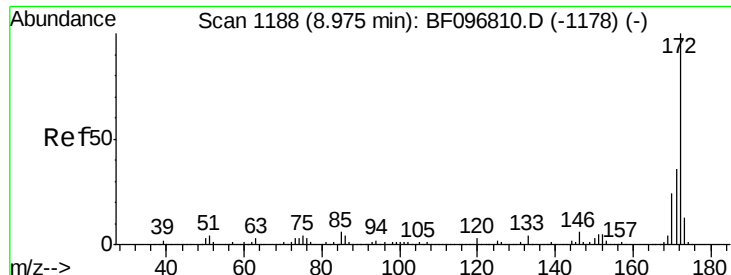
#41
2,4,6-Tribromophenol
Concen: 16.64 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion:330 Resp: 16853
Ion Ratio Lower Upper
330 100
332 95.0 76.6 115.0
141 39.0 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

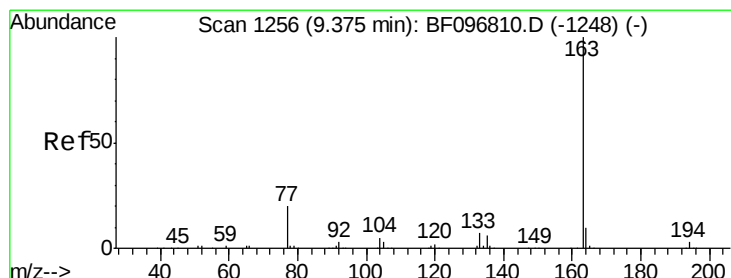
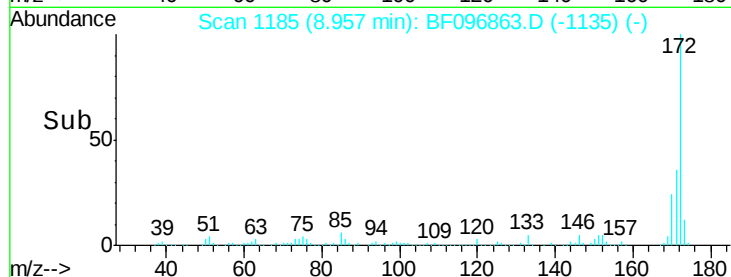
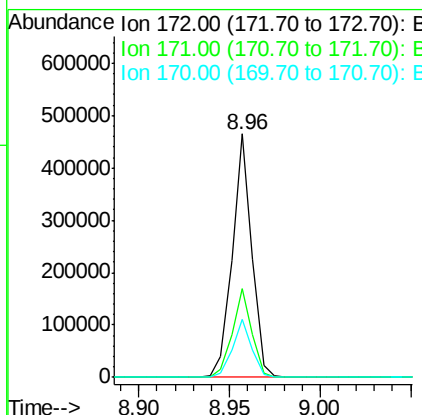
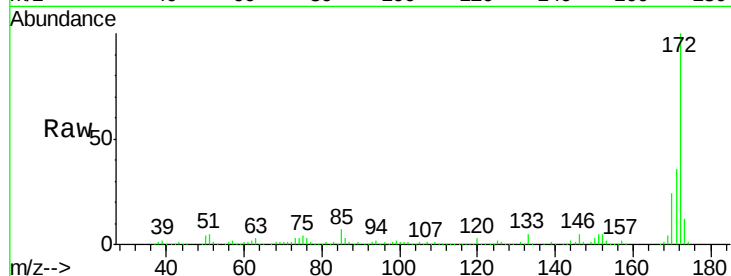




#44
2-Fluorobiphenyl
Concen: 46.25 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

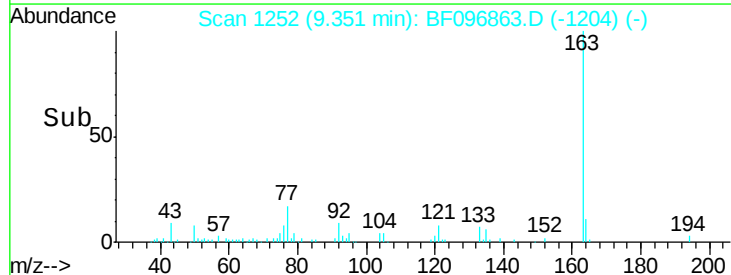
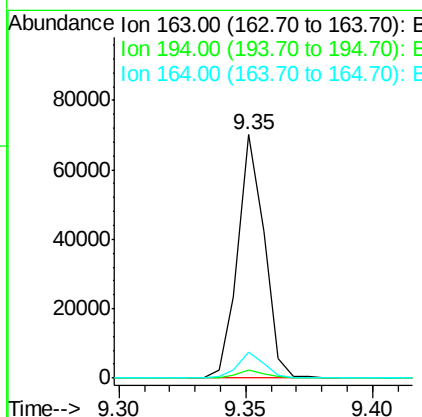
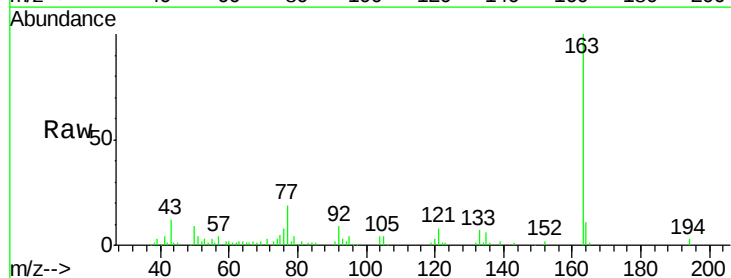
Instrument :
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ClientSampleId :
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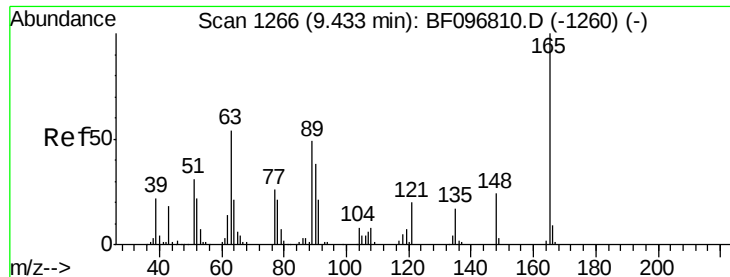
Tot Ion:172 Resp: 347476
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 5.70 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion:163 Resp: 50943
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.6 8.4 12.6

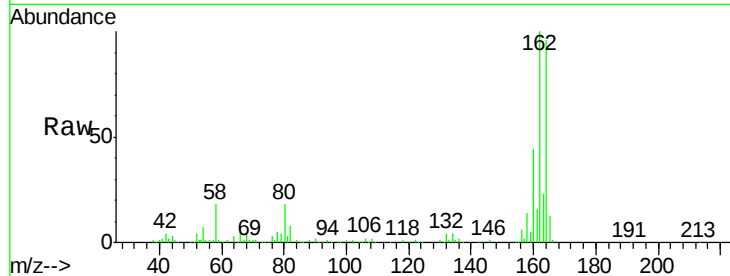




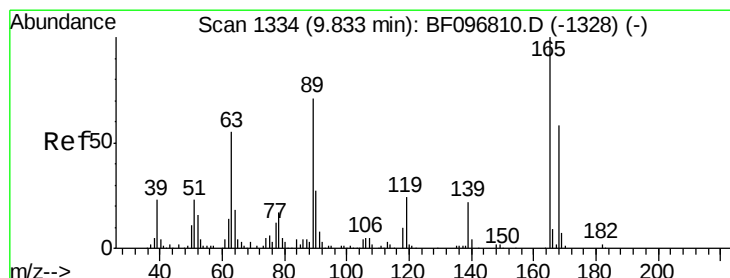
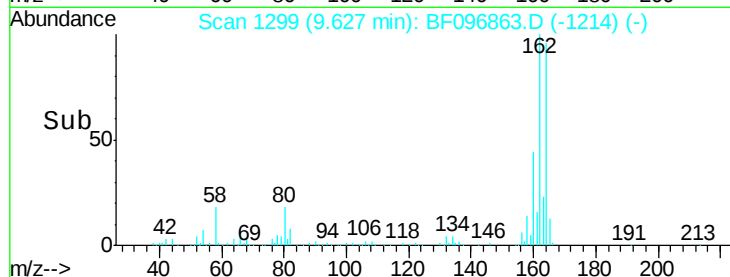
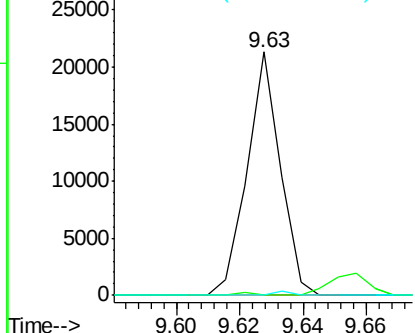
#50
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.63 min Scan# 1299
Delta R.T. 0.20 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Instrument :
BNA_F
ClientSampled :
M-COMB-01

Tot Ion:165 Resp: 15433
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

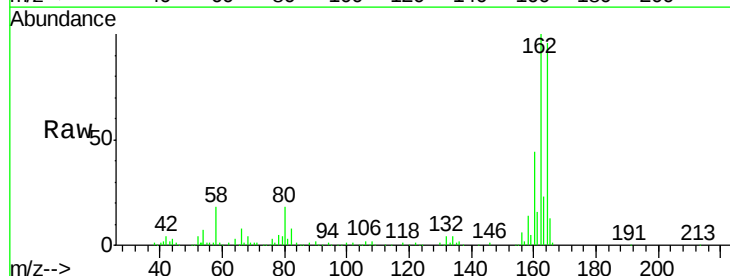


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

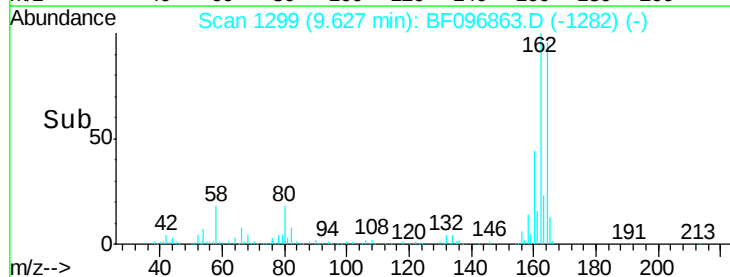
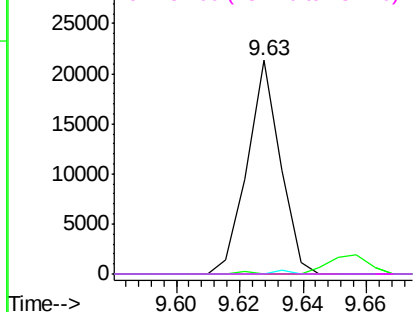


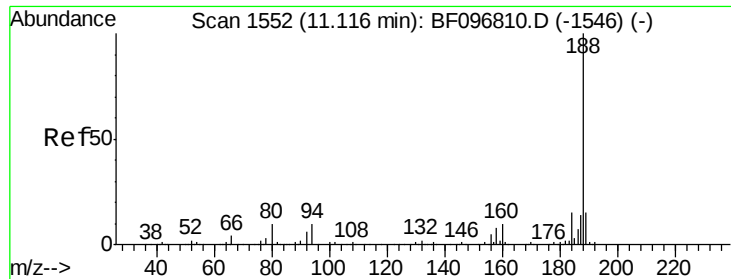
#56
2,4-Dinitrotoluene
Concen: 6.20 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion:165 Resp: 15433
Ion Ratio Lower Upper
165 100
63 0.0 25.4 38.0#
89 0.0 46.4 69.6#
182 0.0 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

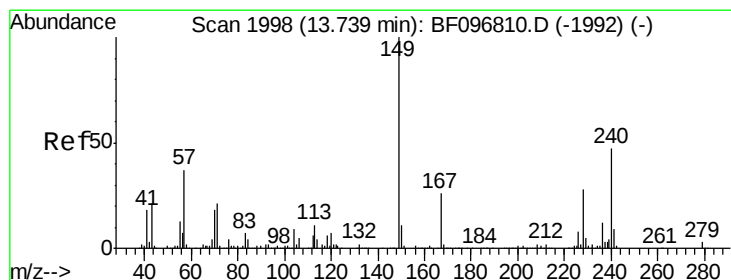
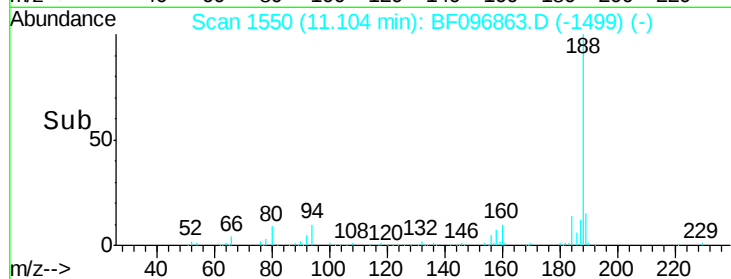
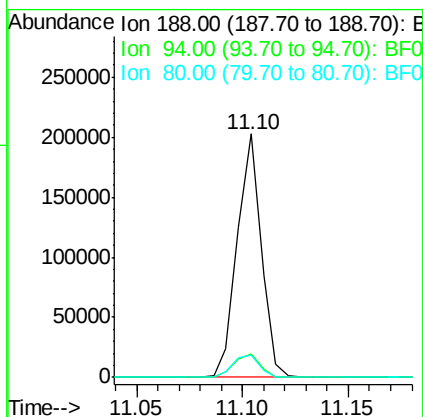
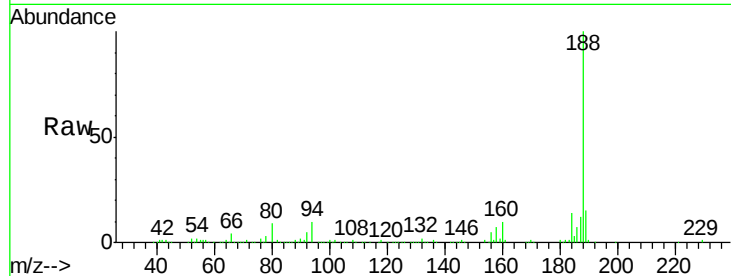




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

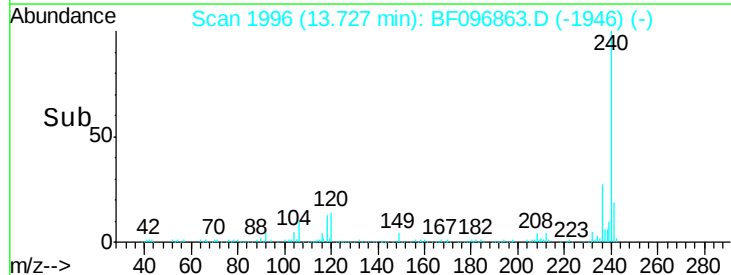
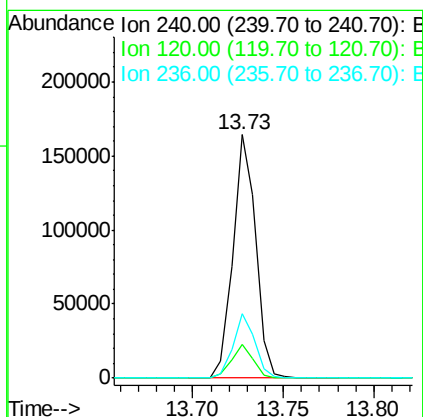
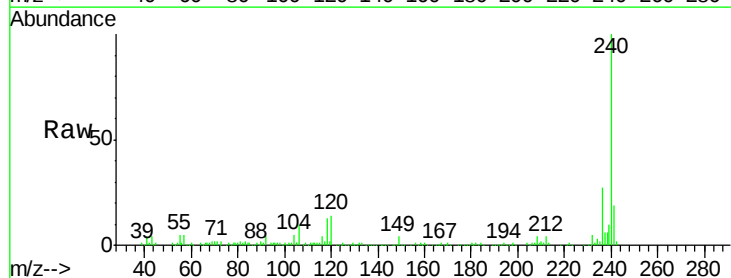
Instrument :
BNA_F
ClientSampleId :
M-COMB-01

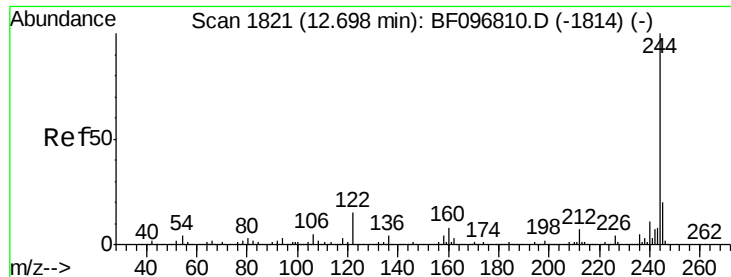
Tot Ion:188 Resp: 159340
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 9.2 10.2 15.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096863.D
Acq: 19 Jul 2017 00:16

Tgt Ion:240 Resp: 143551
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 26.7 20.5 30.7





#78

Terphenyl-d14

Concen: 26.47 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

Instrument :

BNA_F

ClientSampleId :

M-COMB-01

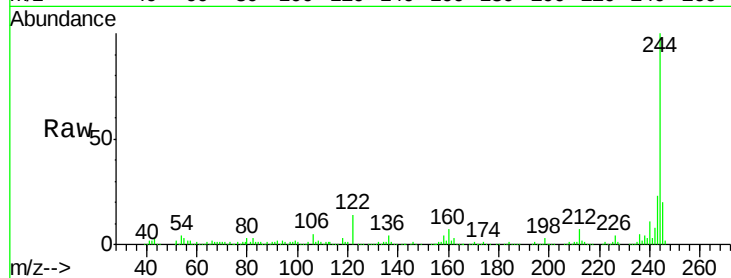
Tot Ion:244 Resp: 219081

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

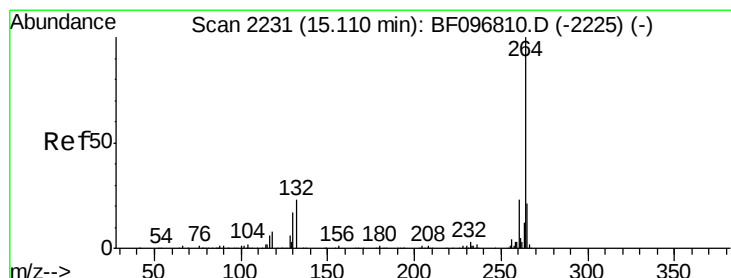
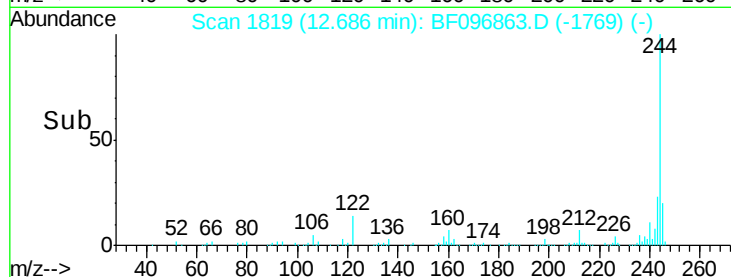
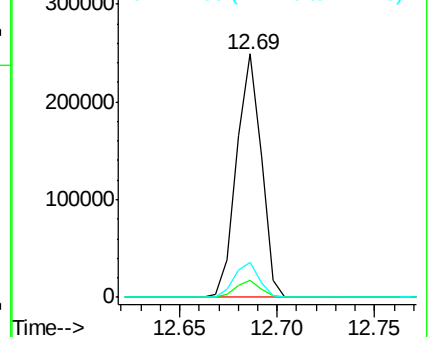
122 14.4 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 15.10 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF096863.D

Acq: 19 Jul 2017 00:16

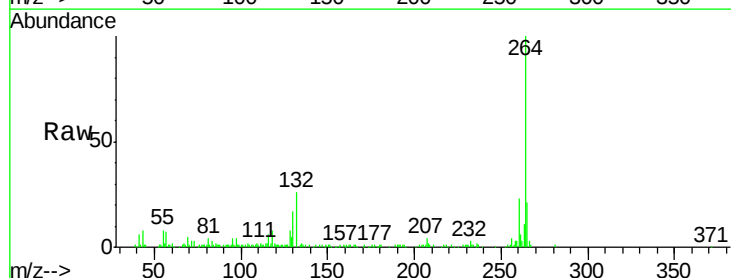
Tgt Ion:264 Resp: 90527

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.4 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

