

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096847.D
 Acq On : 18 Jul 2017 14:53
 Operator : SJ/JU
 Sample : I4223-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

Quant Time: Jul 18 17:04:53 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

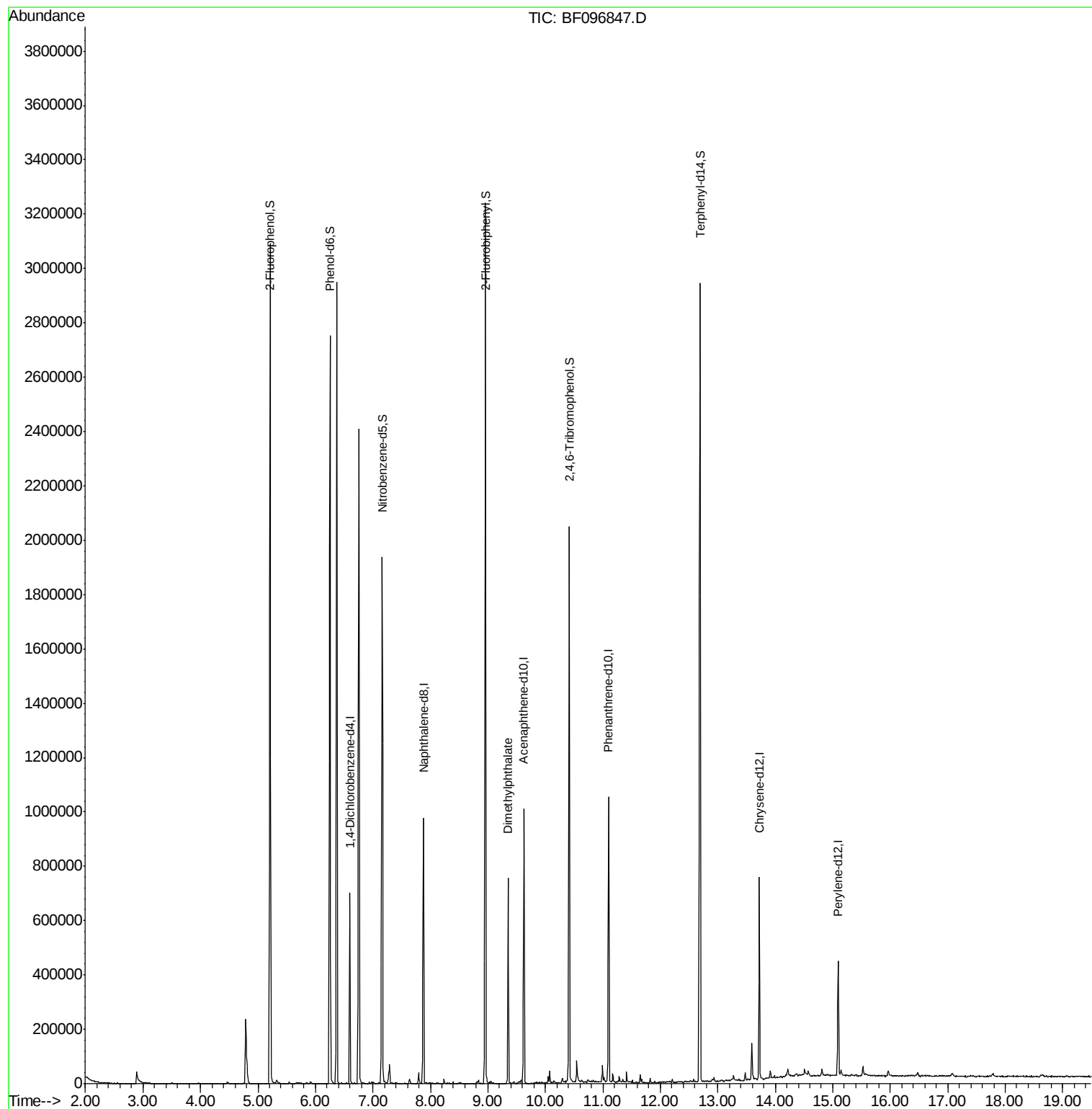
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	102721	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	486000	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	203123	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	380683	20.00	ng	0.00
75) Chrysene-d12	13.73	240	265317	20.00	ng	0.00
86) Perylene-d12	15.09	264	170909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	960778	140.63	ng	0.02
7) Phenol-d6	6.26	99	1112874	135.74	ng	0.00
23) Nitrobenzene-d5	7.16	82	697891	88.95	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	259788	149.83	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1267717	98.60	ng	0.00
78) Terphenyl-d14	12.69	244	1074206	70.22	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	286846	18.755	ng	99

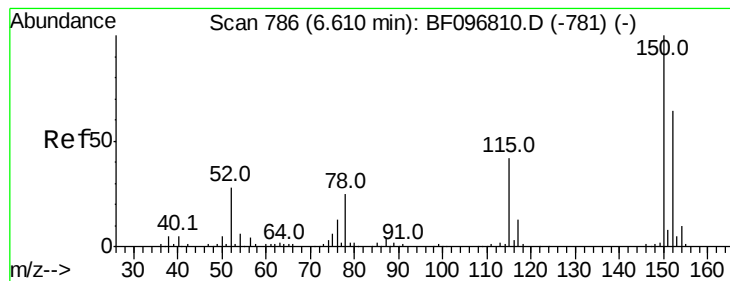
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 18 Jul 2017 14:53

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BNA_F

ClientSampleId :

WC071417-1N

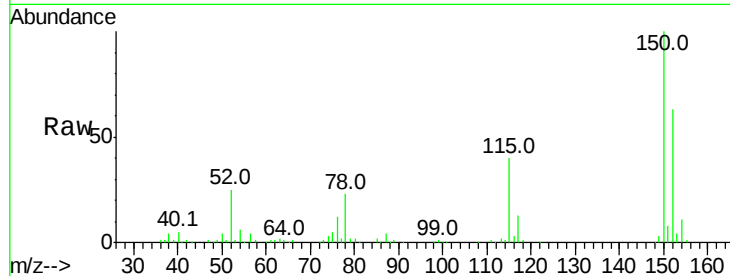
Tot Ion:152 Resp: 102721

Ion Ratio Lower Upper

152 100

150 157.6 126.2 189.2

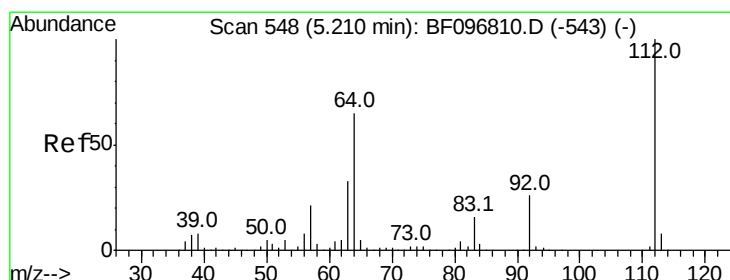
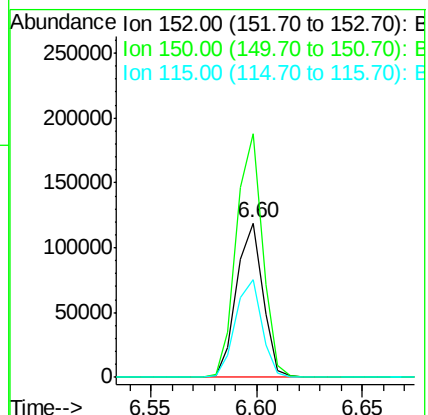
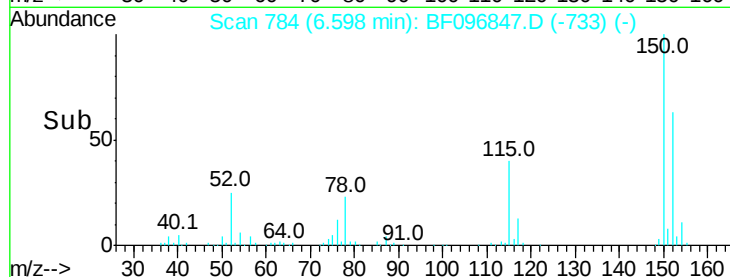
115 63.6 52.2 78.2



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: 140.634 ng

RT: 5.22 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

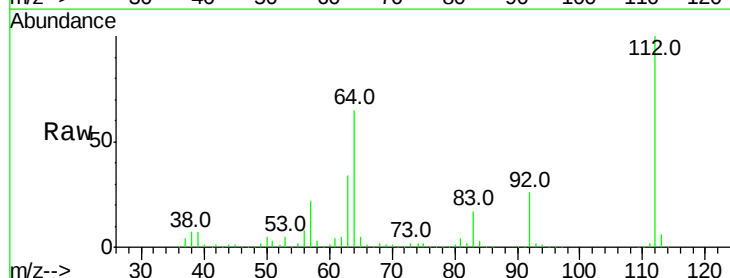
Tgt Ion:112 Resp: 960778

Ion Ratio Lower Upper

112 100

64 65.2 46.0 69.0

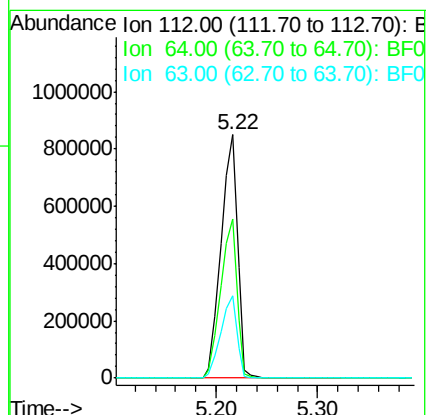
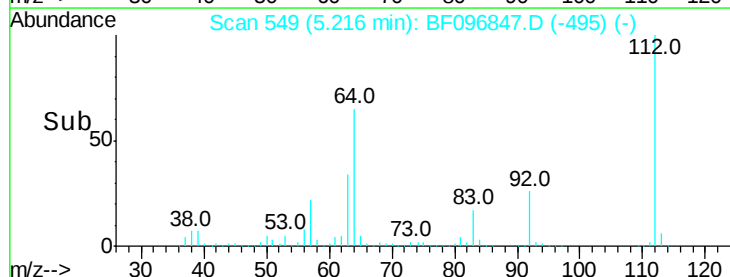
63 33.8 23.4 35.0

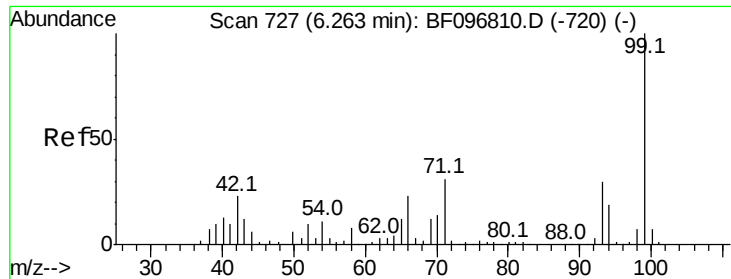


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.745 ng

RT: 6.26 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

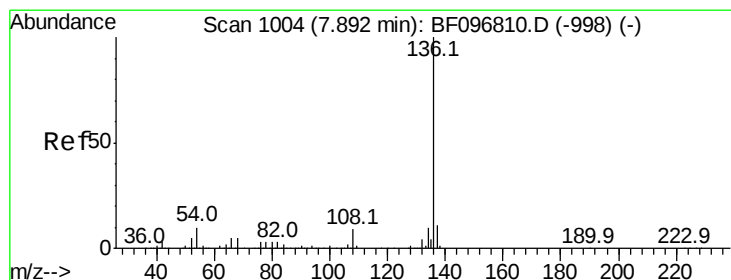
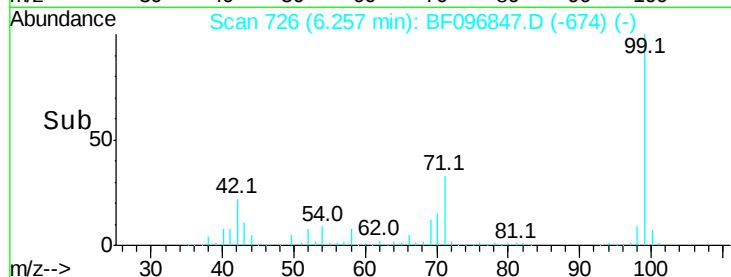
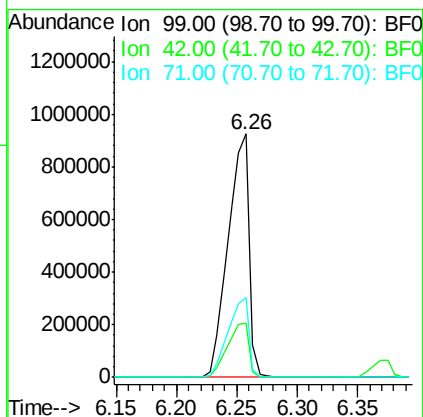
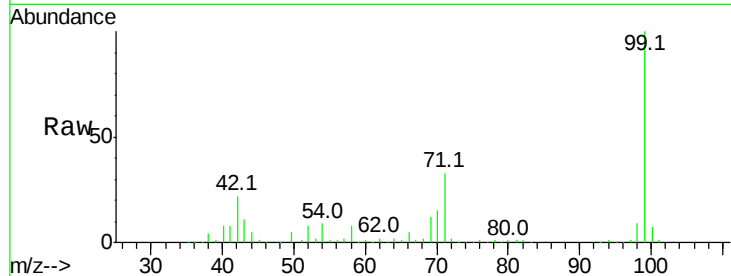
BNA_F

ClientSampleId :

WC071417-1N

Tot Ion: 99 Resp: 1112874

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	32.8	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

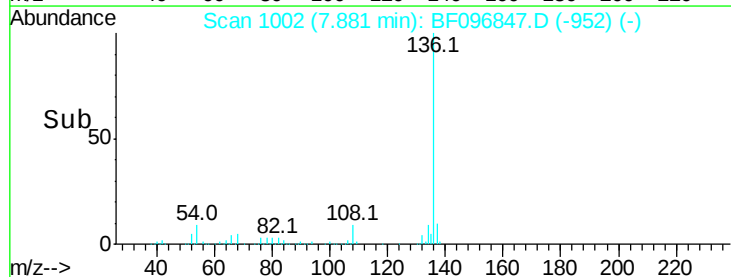
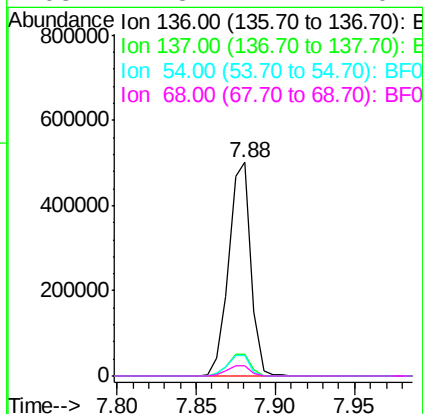
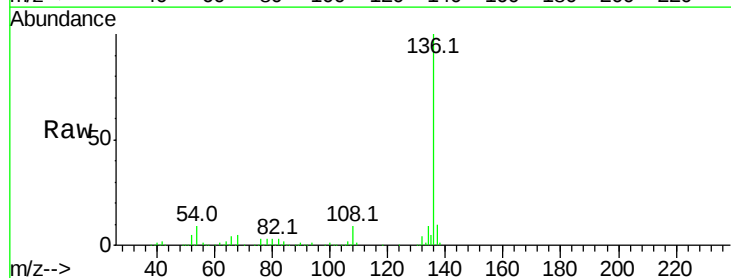
Delta R.T. -0.01 min

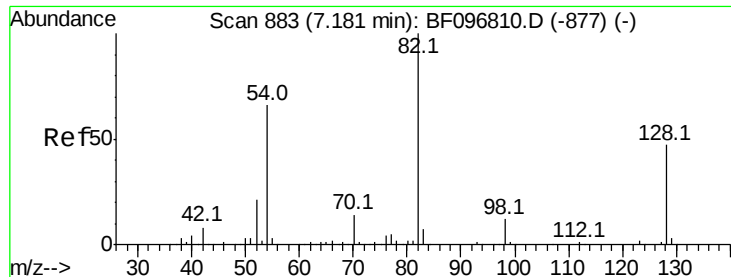
Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Tgt Ion: 136 Resp: 486000

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	9.4	4.9	7.3#
68	4.8	4.1	6.1

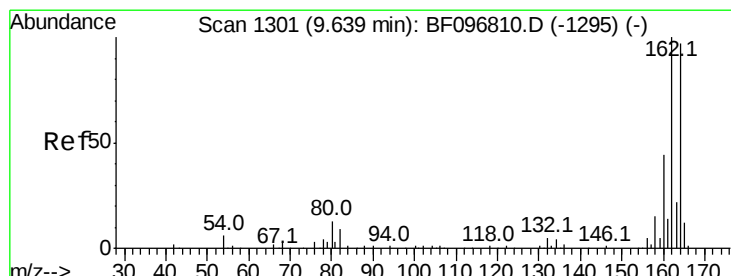
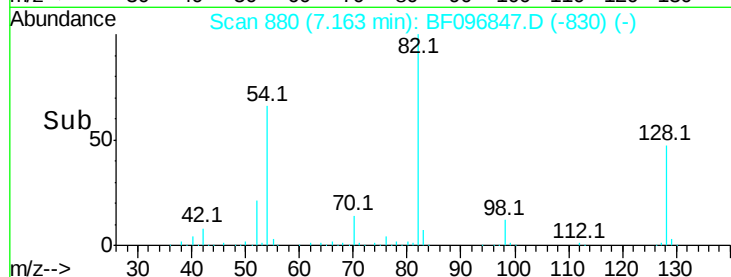
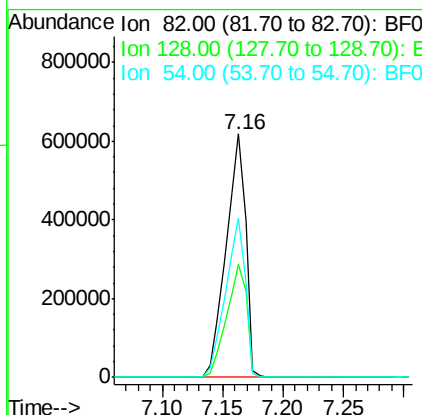
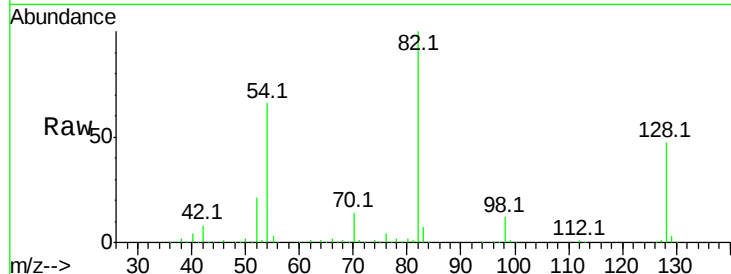




#23
 Nitrobenzene-d5
 Concen: 88.946 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

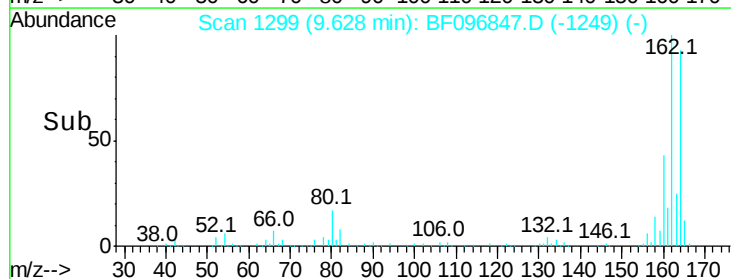
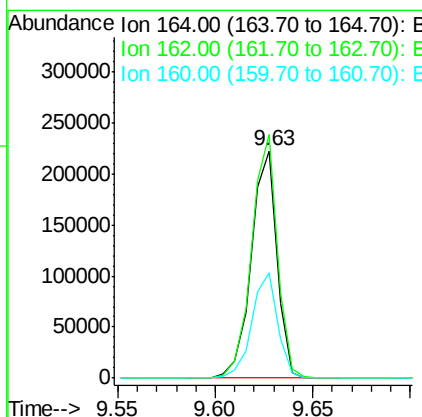
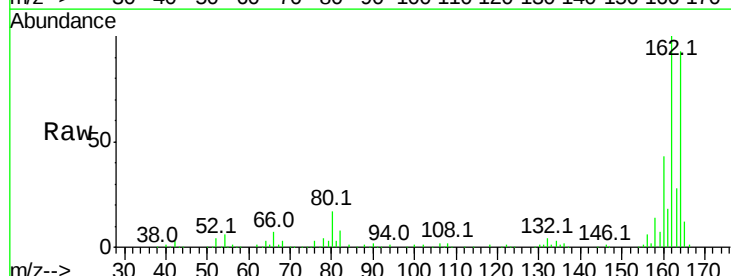
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

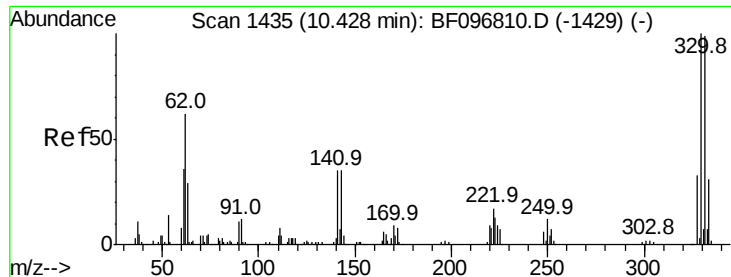
Tot Ion: 82 Resp: 697891
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 65.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Tgt Ion:164 Resp: 203123
 Ion Ratio Lower Upper
 164 100
 162 107.2 82.6 123.8
 160 46.4 36.2 54.2

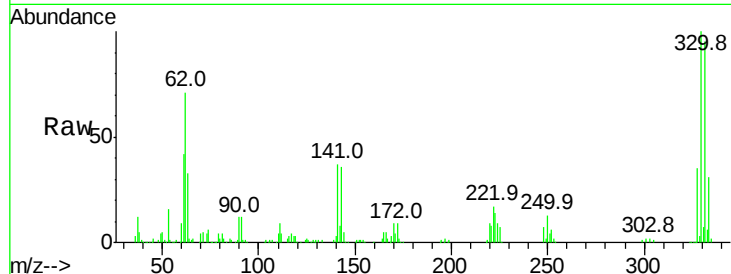




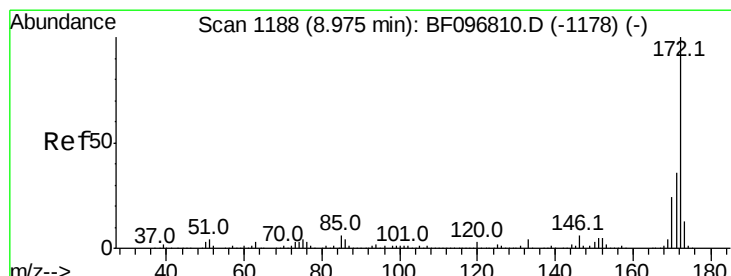
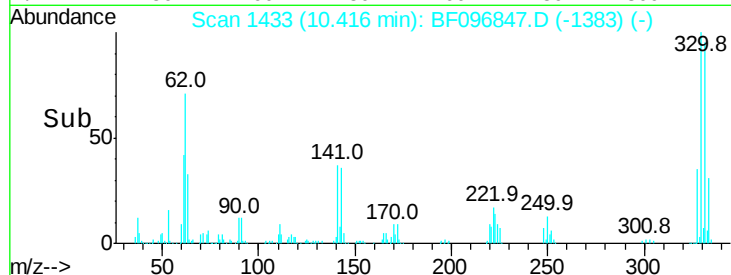
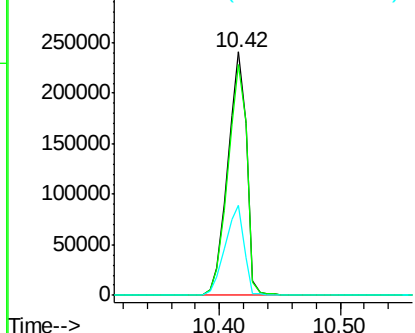
#41
 2,4,6-Tribromophenol
 Concen: 149.835 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

Tot Ion:330 Resp: 259788
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.3 31.4 47.2

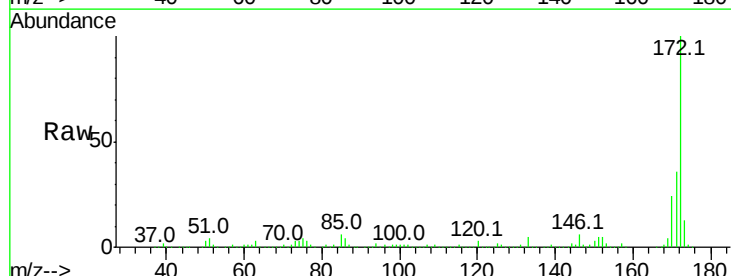


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

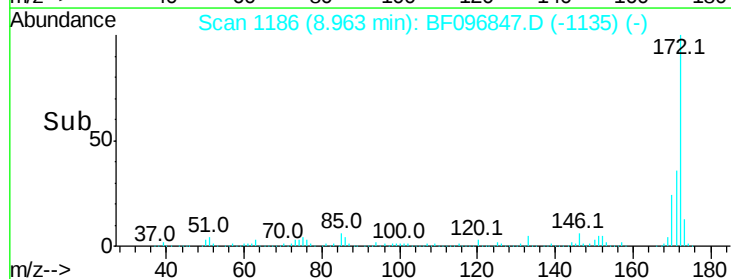
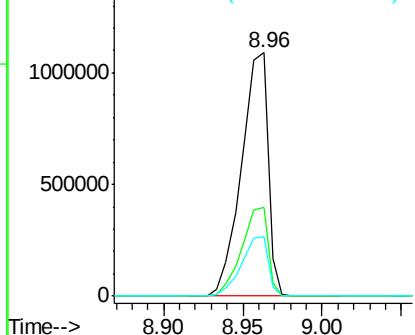


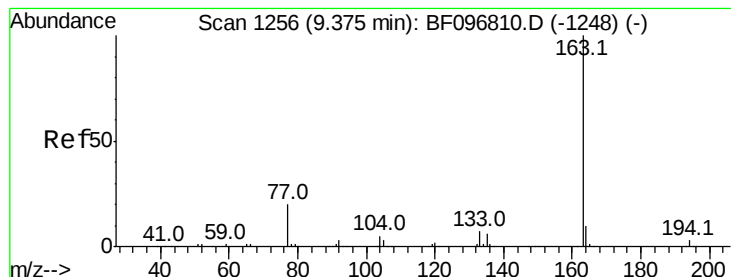
#44
 2-Fluorobiphenyl
 Concen: 98.605 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Tgt Ion:172 Resp: 1267717
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.2 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: 18.755 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

BNA_F

ClientSampleId :

WC071417-1N

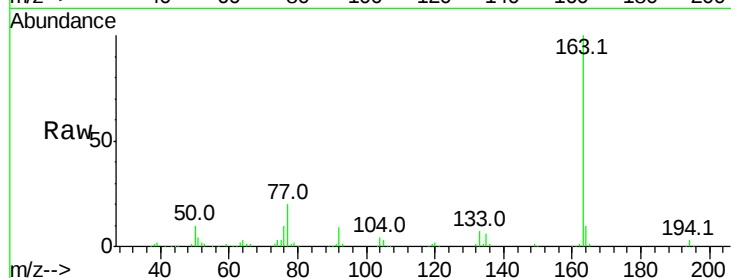
Tot Ion:163 Resp: 286846

Ion Ratio Lower Upper

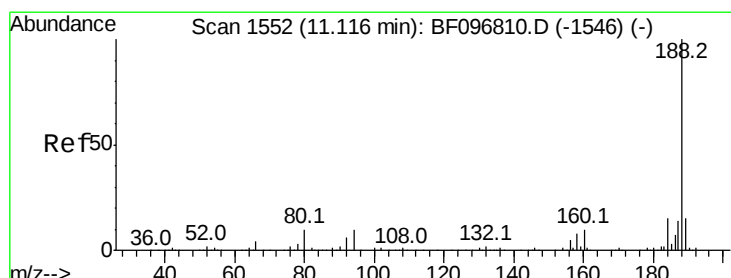
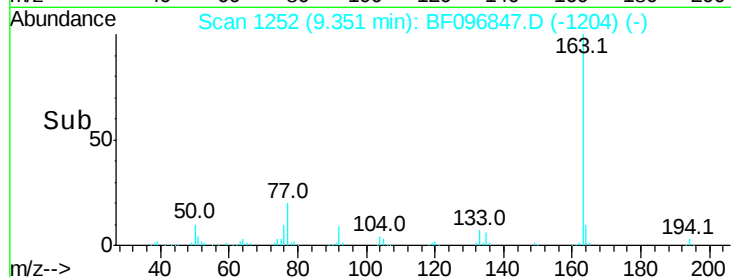
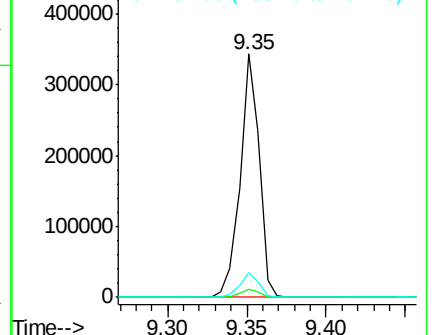
163 100

194 3.1 2.6 4.0

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

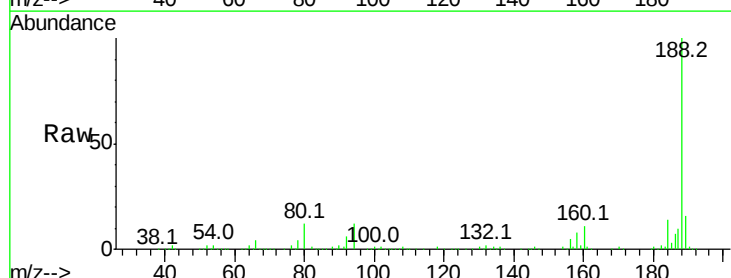
Tgt Ion:188 Resp: 380683

Ion Ratio Lower Upper

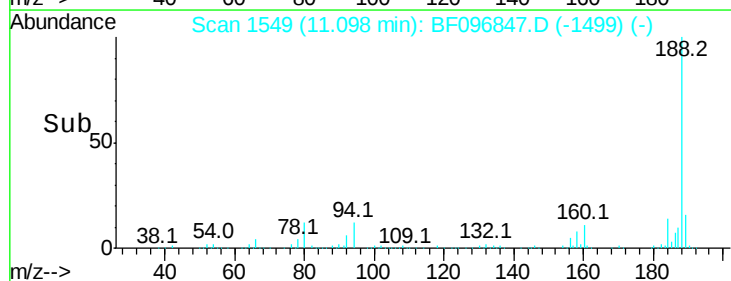
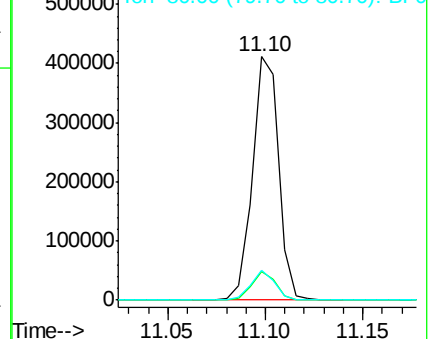
188 100

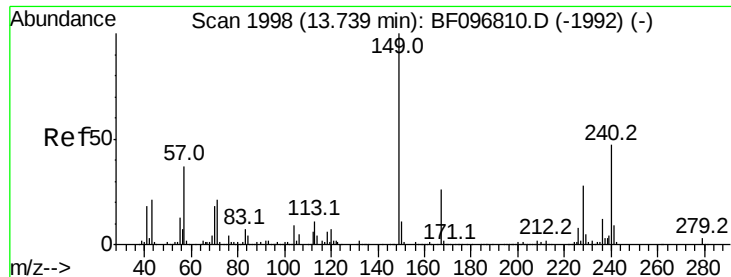
94 11.6 9.4 14.2

80 12.2 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: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

Instrument :

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WC071417-1N

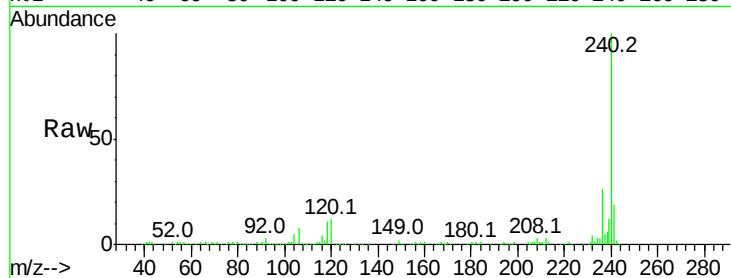
Tot Ion:240 Resp: 265317

Ion Ratio Lower Upper

240 100

120 12.3 5.8 8.8#

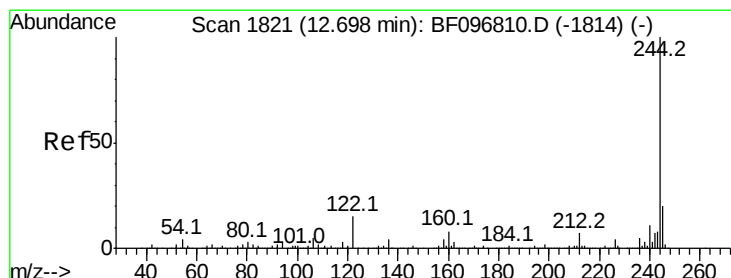
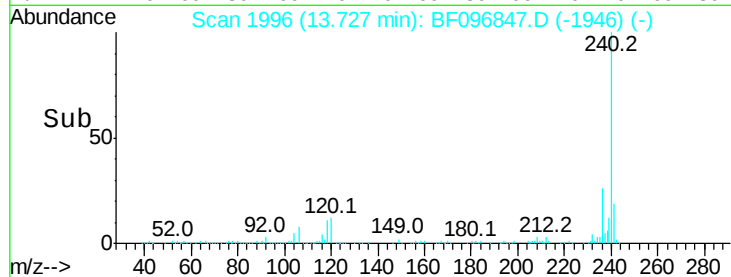
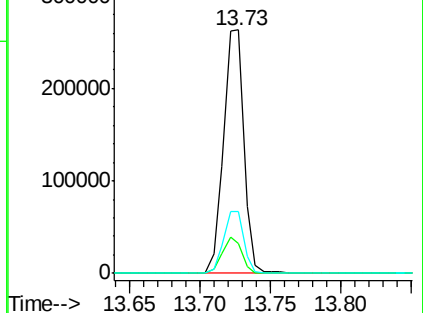
236 25.6 20.5 30.7



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: 70.216 ng

RT: 12.69 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF096847.D

Acq: 18 Jul 2017 14:53

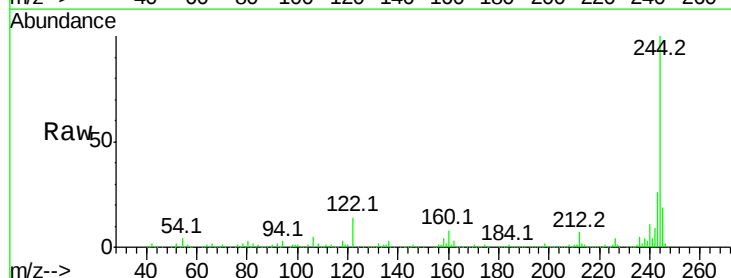
Tgt Ion:244 Resp: 1074206

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

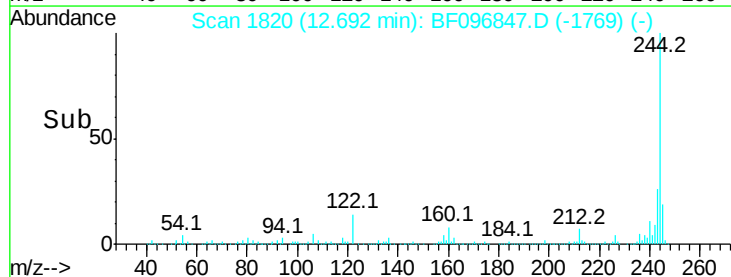
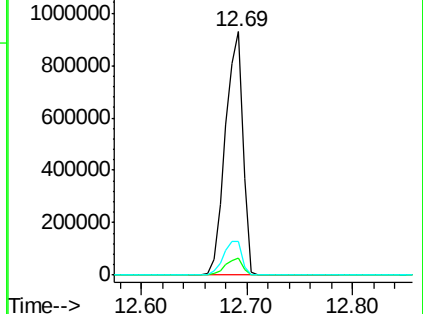
122 13.7 10.3 15.5

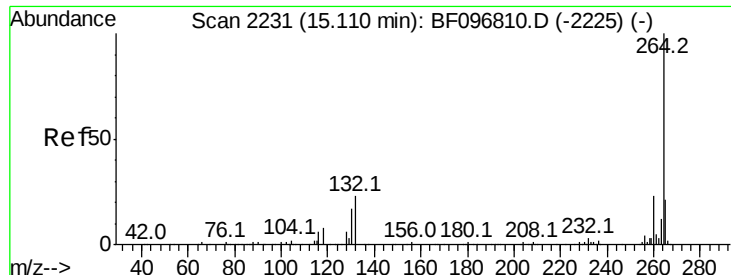


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

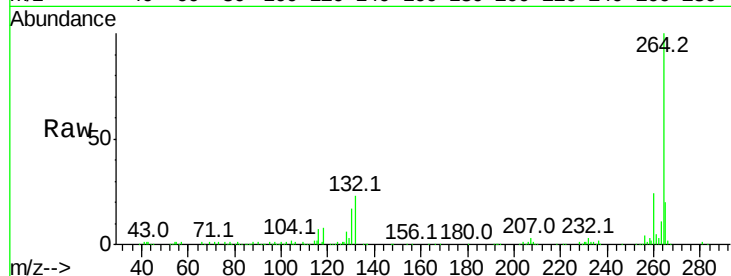




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096847.D
 Acq: 18 Jul 2017 14:53

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1N

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.0	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

