

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096844.D
 Acq On : 18 Jul 2017 13:30
 Operator : SJ/JU
 Sample : I4223-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NE

Quant Time: Jul 18 16:56:54 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

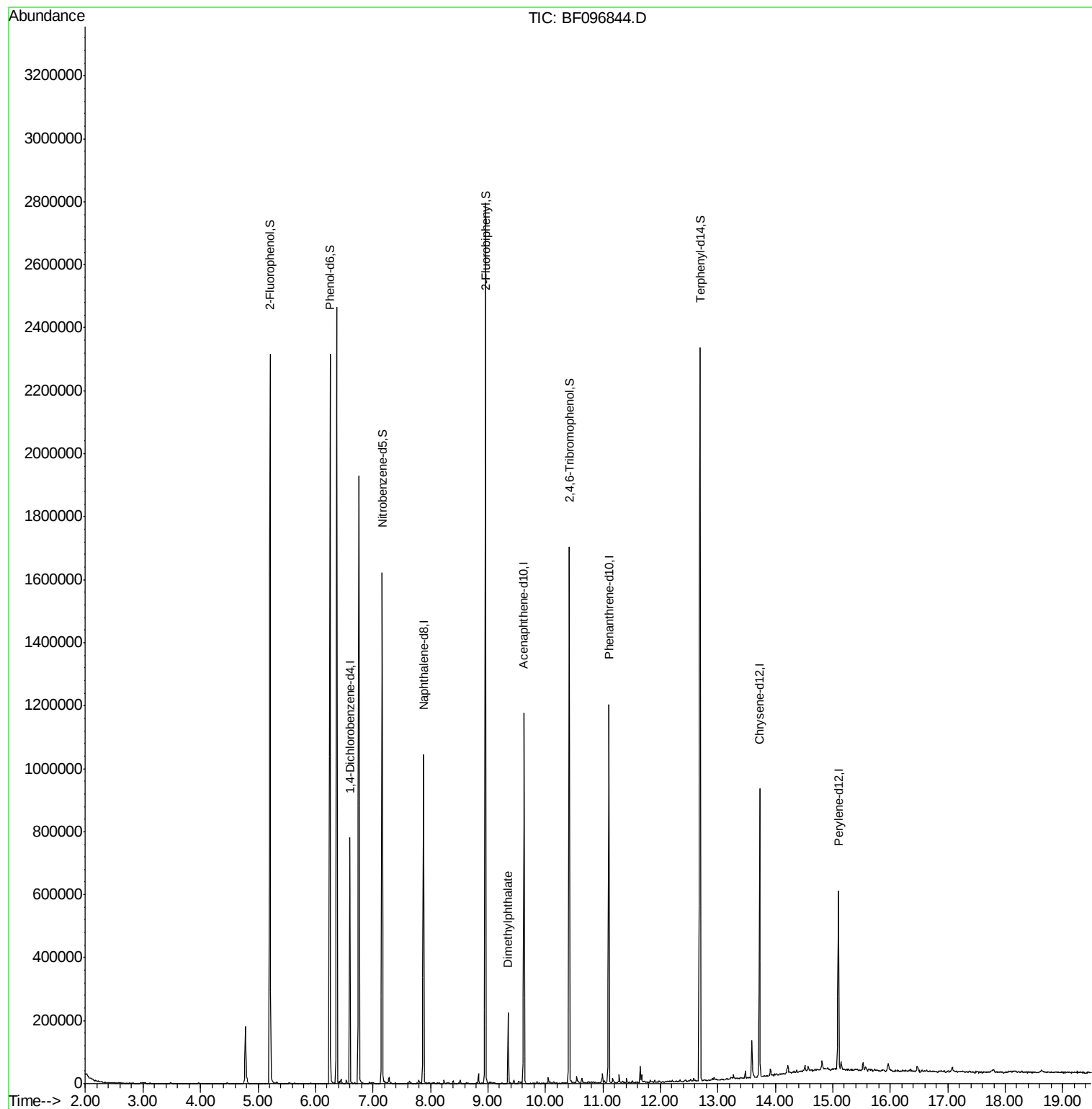
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	110833	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	494779	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	233175	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	415725	20.00	ng	0.00
75) Chrysene-d12	13.73	240	298699	20.00	ng	0.00
86) Perylene-d12	15.10	264	215288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	710756	96.42	ng	0.01
7) Phenol-d6	6.25	99	863302	97.60	ng	0.00
23) Nitrobenzene-d5	7.16	82	506184	63.37	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	197364	99.16	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	959794	65.03	ng	0.00
78) Terphenyl-d14	12.69	244	824784	47.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.35	163	83201	4.739	ng	100

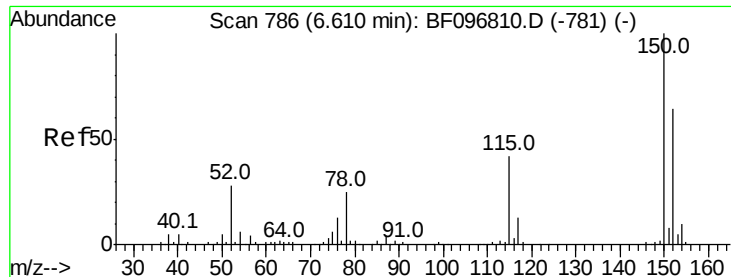
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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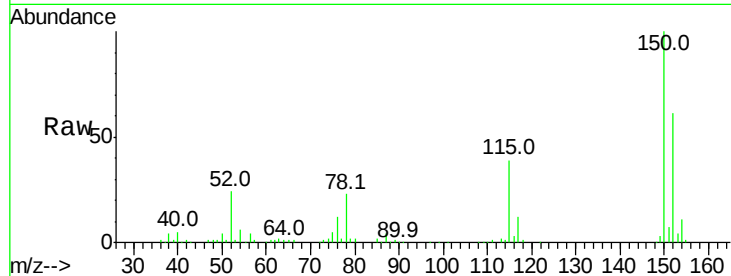


#1

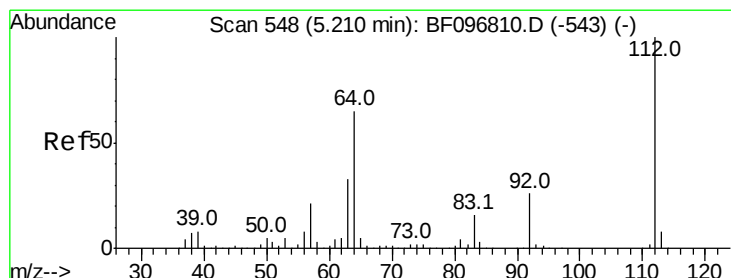
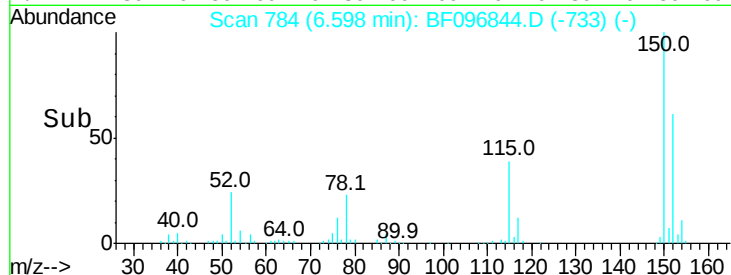
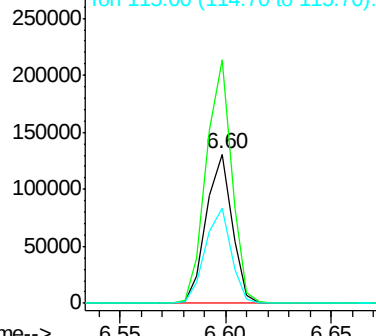
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096844.D
Acq: 18 Jul 2017 13:30

Instrument :
BNA_F
ClientSampleId :
WC071417-1NE

Tot Ion:152 Resp: 110833
Ion Ratio Lower Upper
152 100
150 163.1 126.2 189.2
115 63.9 52.2 78.2



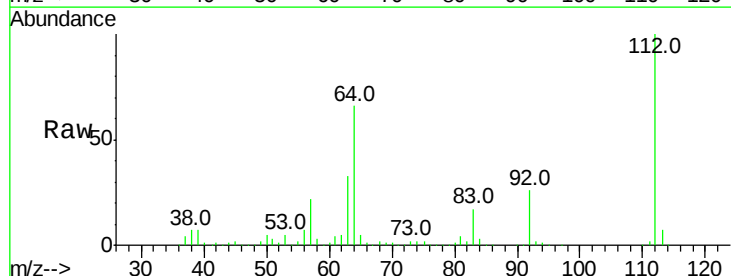
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



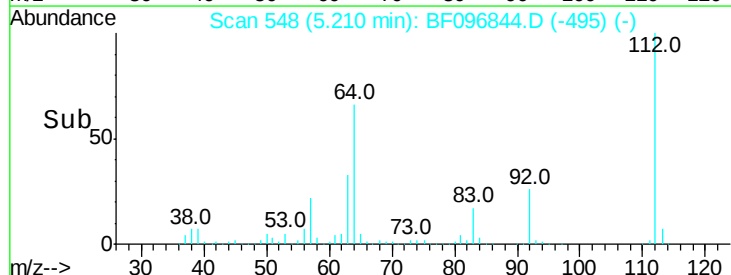
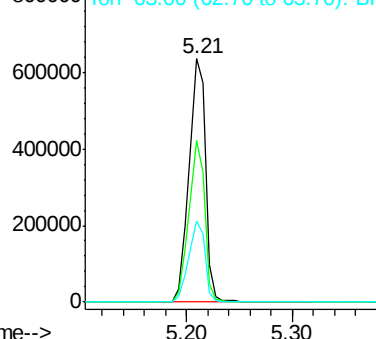
#5

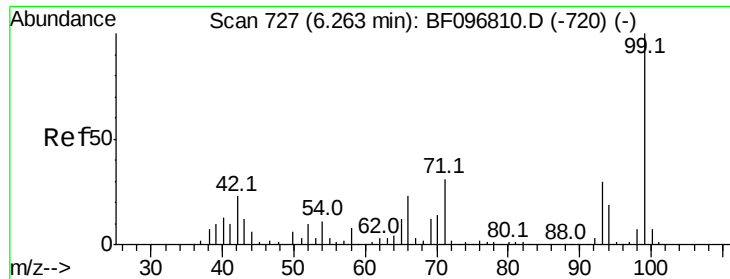
2-Fluorophenol
Concen: 96.423 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096844.D
Acq: 18 Jul 2017 13:30

Tgt Ion:112 Resp: 710756
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.4 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: 97.595 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

Instrument :

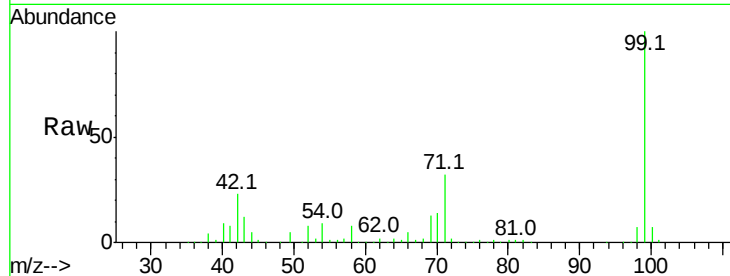
BNA_F

ClientSampleId :

WC071417-1NE

Tot Ion: 99 Resp: 863302

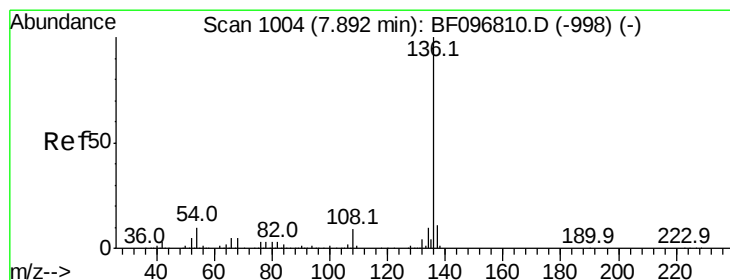
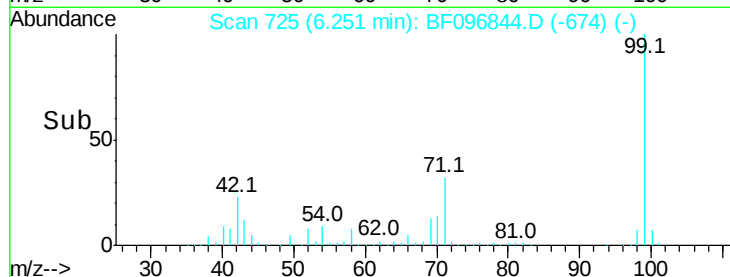
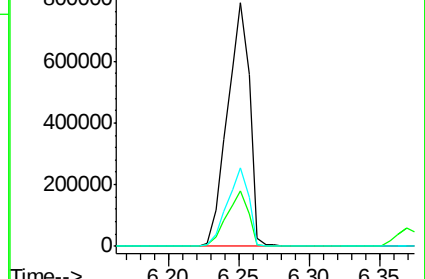
Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	32.0	24.5	36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.88 min Scan# 1002

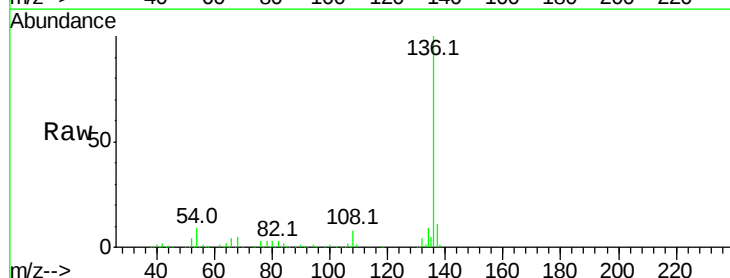
Delta R.T. -0.01 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

Tgt Ion: 136 Resp: 494779

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.9	4.9	7.3#
68	4.6	4.1	6.1

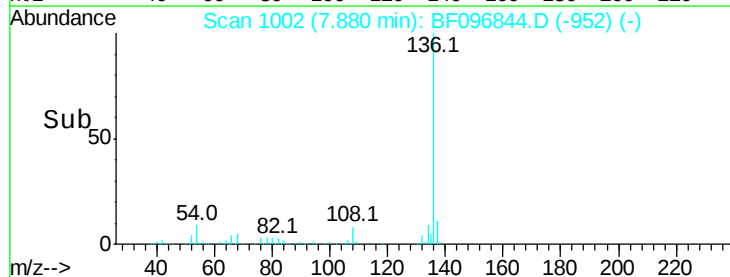
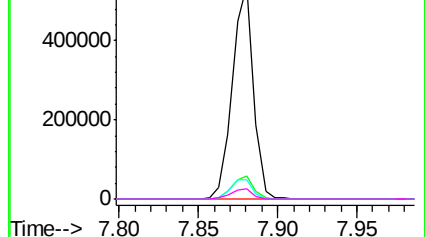


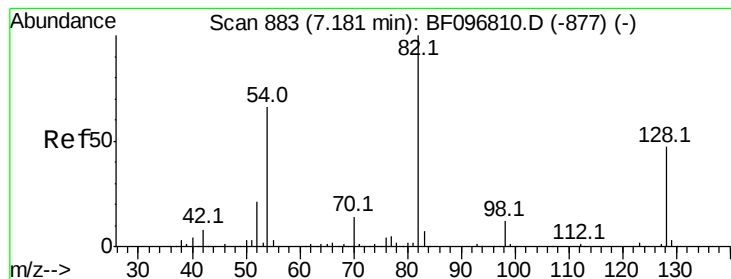
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.369 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

Instrument :

BNA_F

ClientSampleId :

WC071417-1NE

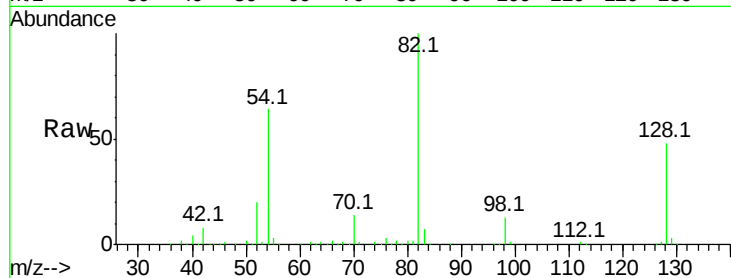
Tot Ion: 82 Resp: 506184

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

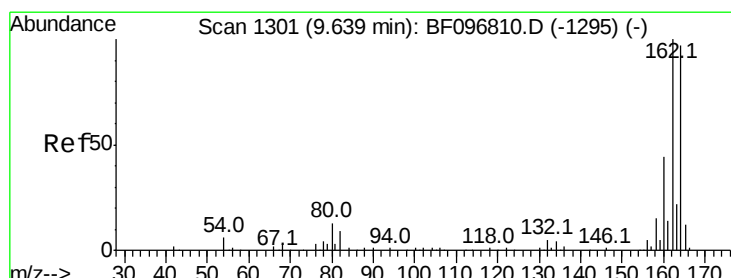
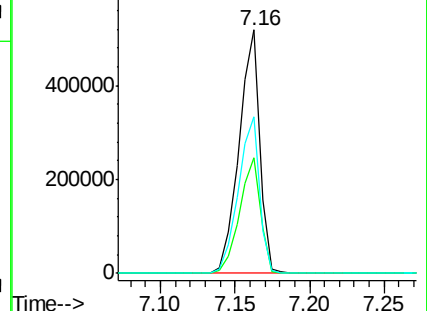
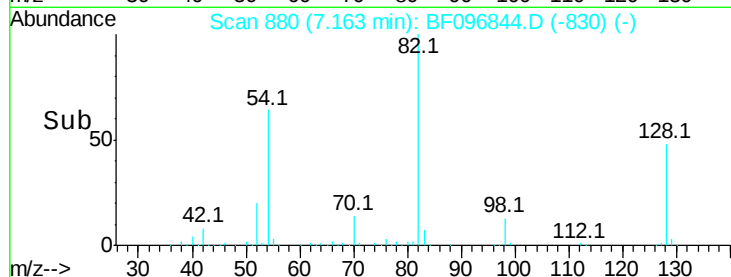
54 64.3 42.2 63.2#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

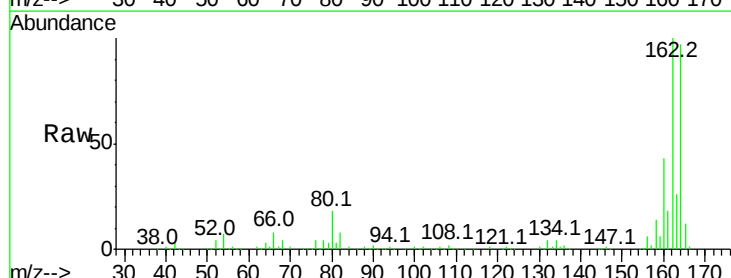
Tgt Ion:164 Resp: 233175

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

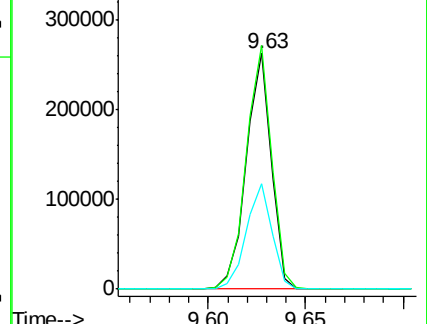
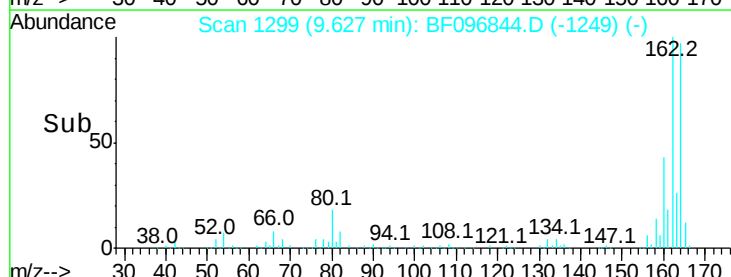
160 44.8 36.2 54.2

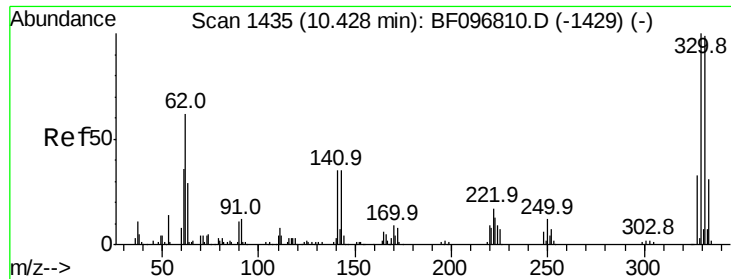


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

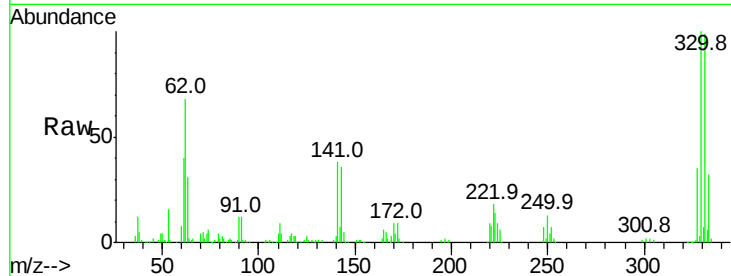




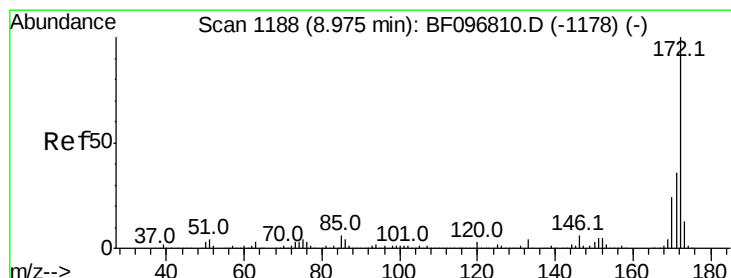
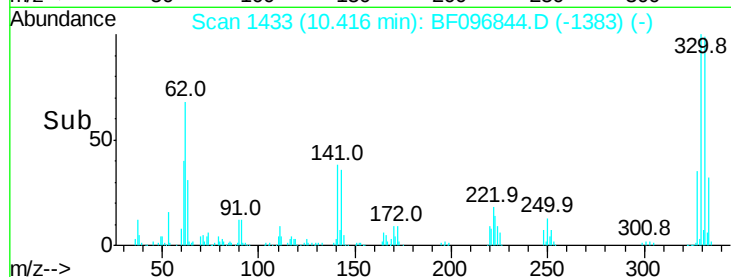
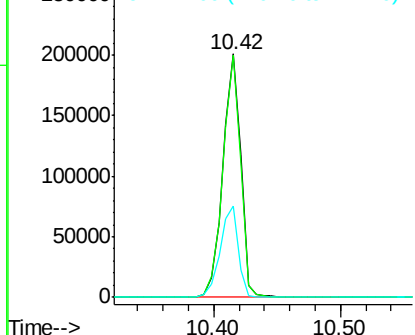
#41
 2,4,6-Tribromophenol
 Concen: 99.161 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096844.D
 Acq: 18 Jul 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NE

Tot Ion:330 Resp: 197364
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 38.1 31.4 47.2

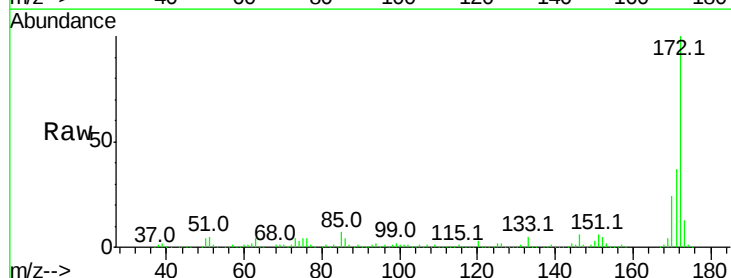


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

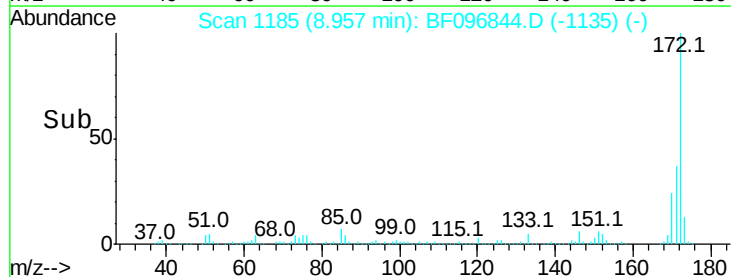
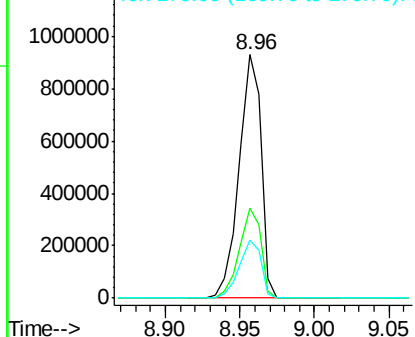


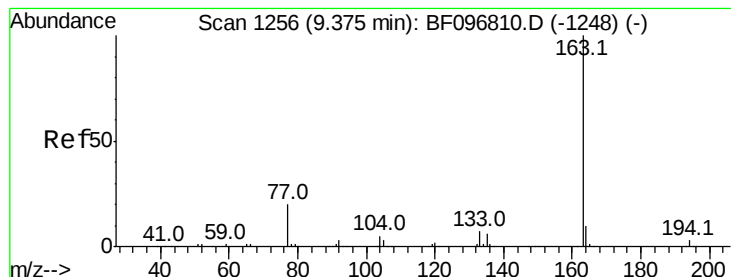
#44
 2-Fluorobiphenyl
 Concen: 65.033 ng
 RT: 8.96 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096844.D
 Acq: 18 Jul 2017 13:30

Tgt Ion:172 Resp: 959794
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.0 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: 4.739 ng

RT: 9.35 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

Instrument :

BNA_F

ClientSampleId :

WC071417-1NE

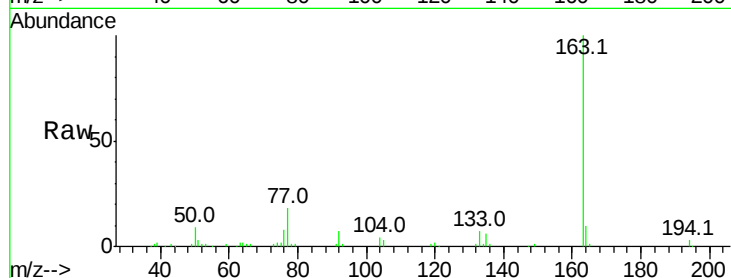
Tot Ion:163 Resp: 83201

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

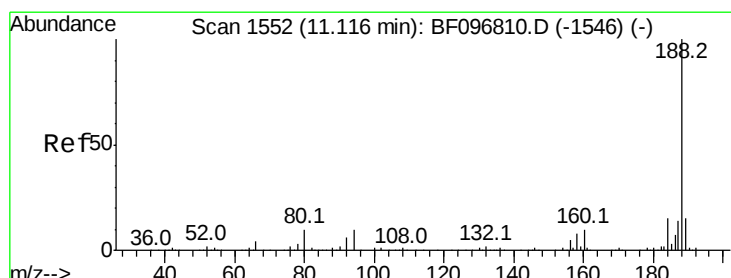
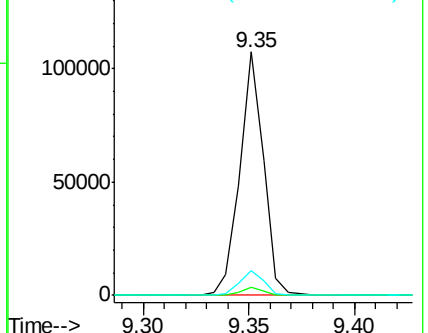
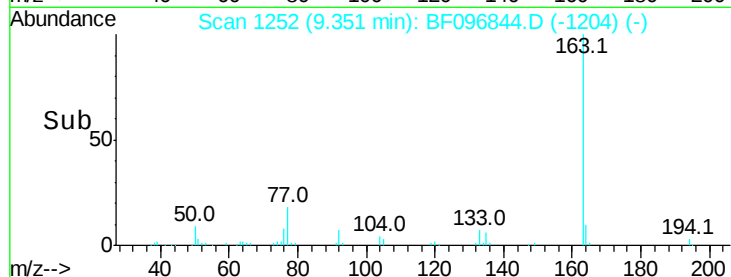
164 10.4 8.4 12.6



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# 1550

Delta R.T. -0.00 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

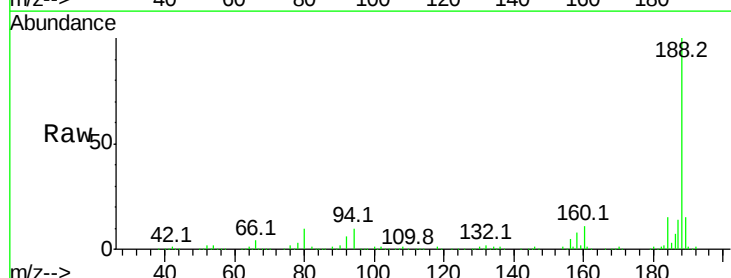
Tgt Ion:188 Resp: 415725

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

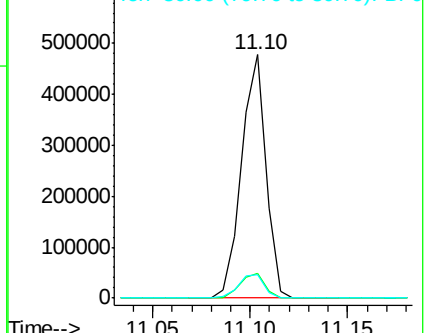
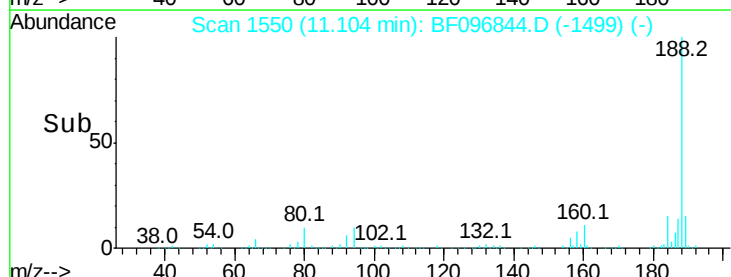
80 9.7 10.2 15.2#

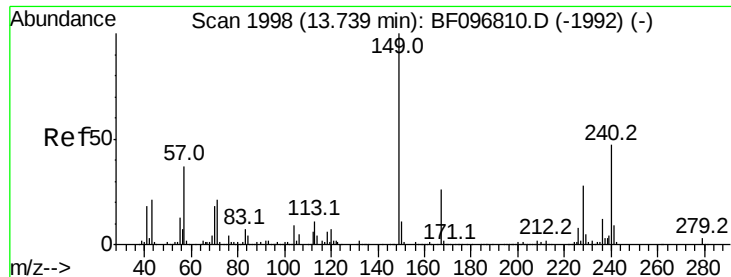


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF096844.D

Acq: 18 Jul 2017 13:30

Instrument :

BNA_F

ClientSampleId :

WC071417-1NE

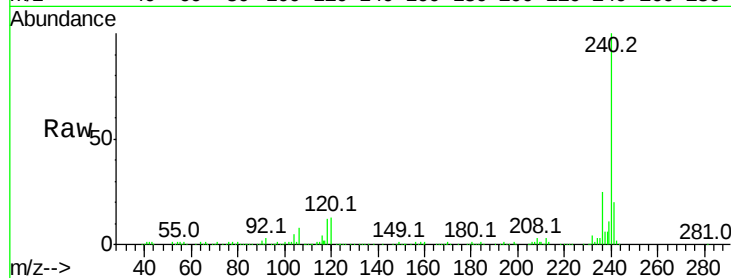
Tot Ion:240 Resp: 298699

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

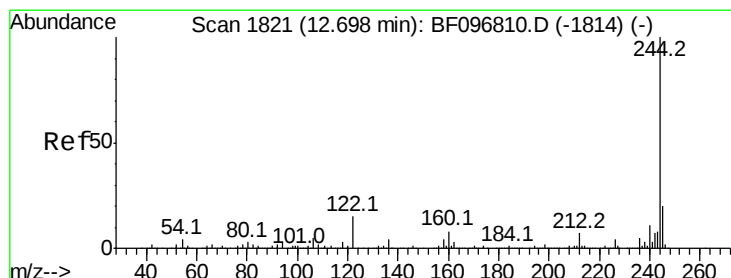
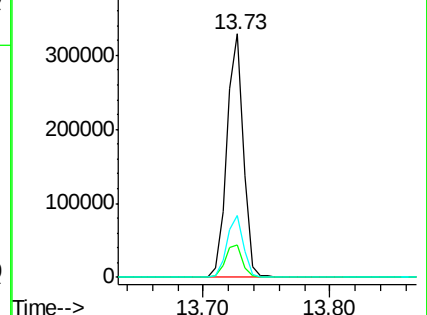
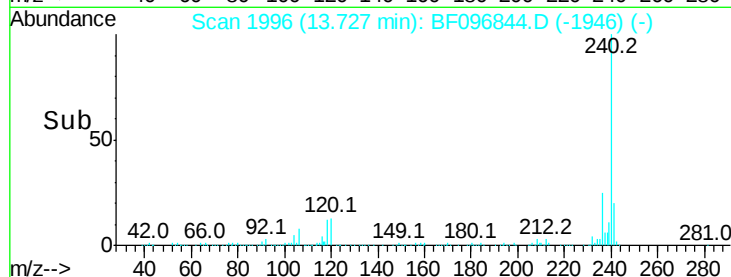
236 25.4 20.5 30.7



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: 47.887 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF096844.D

Acq: 18 Jul 2017 13:30

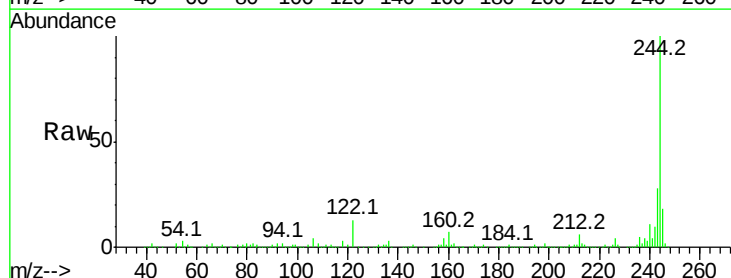
Tgt Ion:244 Resp: 824784

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

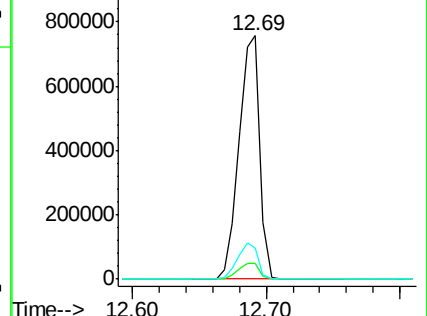
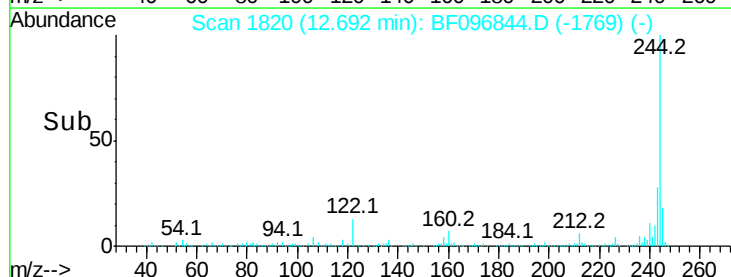
122 12.8 10.3 15.5

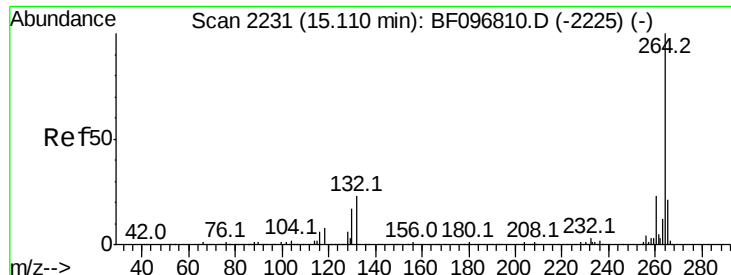


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

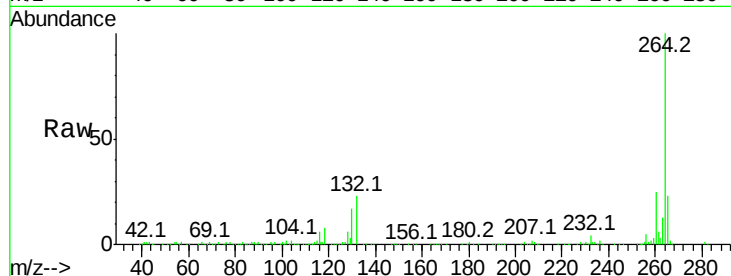




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF096844.D
 Acq: 18 Jul 2017 13:30

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NE

Tot Ion: 264 Resp: 215288
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.6 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

