

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096711.D
 Acq On : 13 Jul 2017 00:18
 Operator : SJ/JU
 Sample : I4127-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(6.5-7.0)

Quant Time: Jul 13 03:42:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

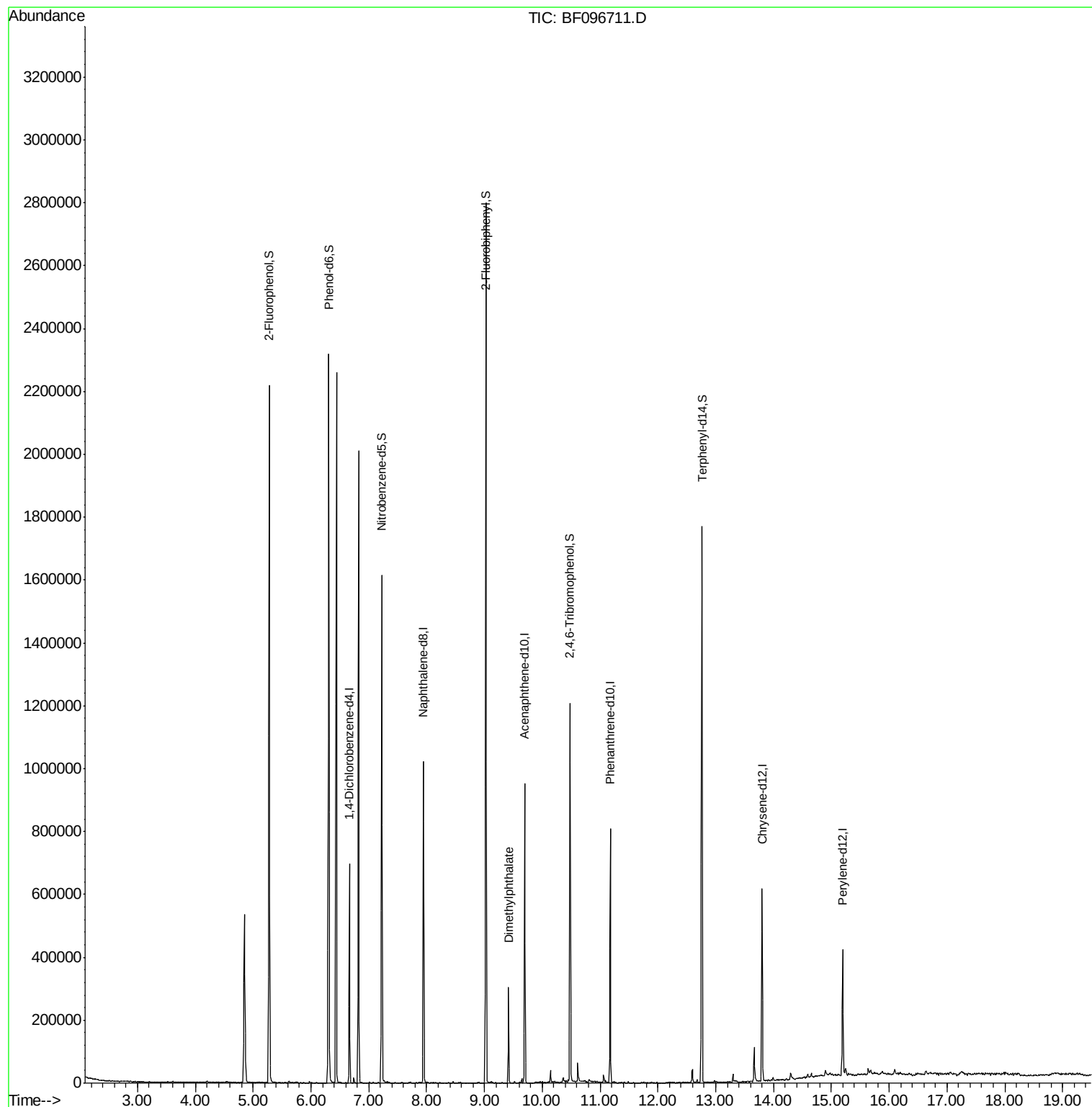
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	100541	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	456473	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	177948	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	260433	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	197104	20.00	ng	-0.04
86) Perylene-d12	15.20	264	165338	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	633902	93.06	ng	-0.03
7) Phenol-d6	6.31	99	809539	96.67	ng	-0.04
23) Nitrobenzene-d5	7.23	82	485660	63.93	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	129758	93.35	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	881987	84.74	ng	-0.04
78) Terphenyl-d14	12.76	244	544943	59.08	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.42	163	126211	9.501	ng	Qvalue 100

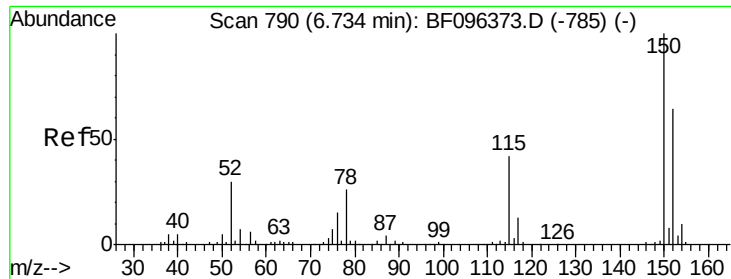
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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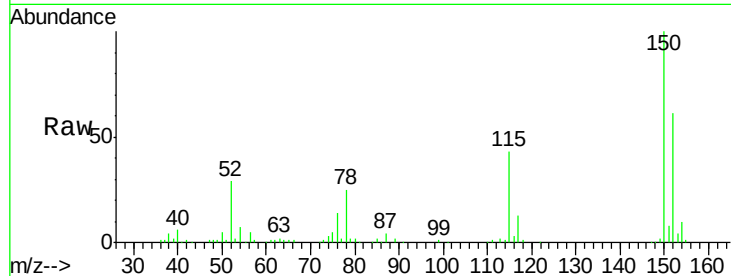




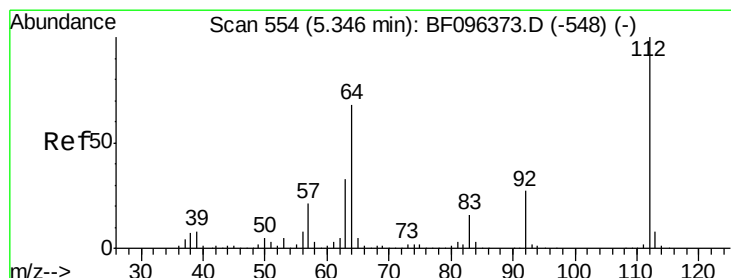
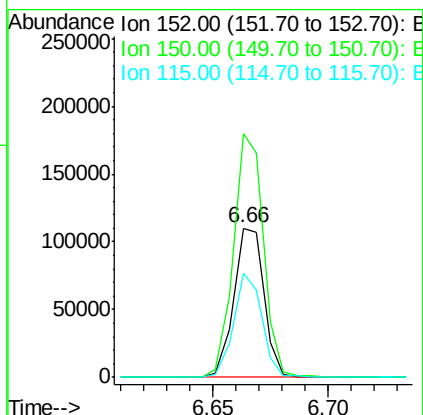
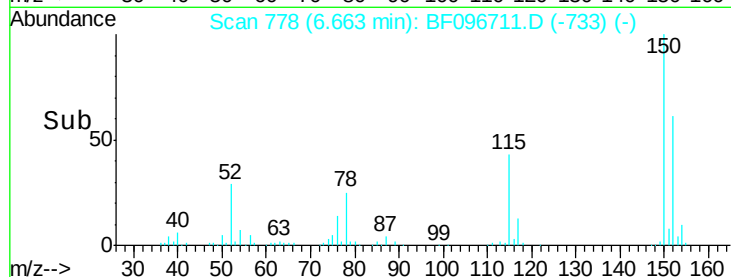
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.04 min
 Lab File: BF096711.D
 Acq: 13 Jul 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(6.5-7.0)

Tgt Ion:152 Resp: 100541
 Ion Ratio Lower Upper
 152 100
 150 163.5 126.2 189.2
 115 69.6 52.2 78.2

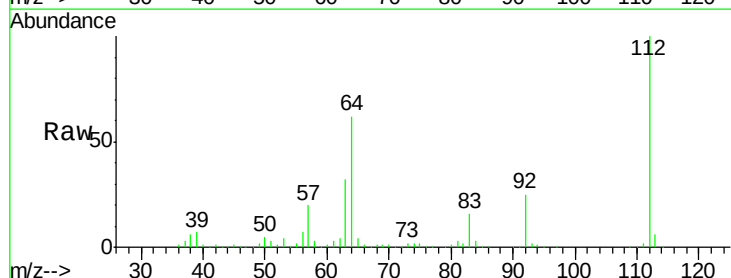


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

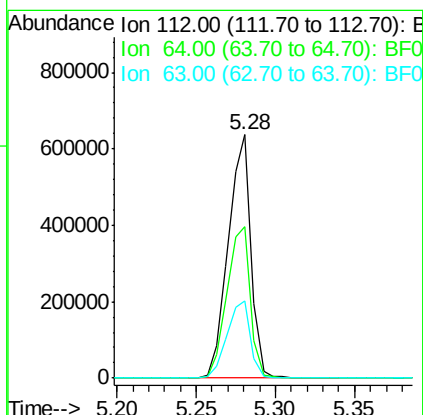
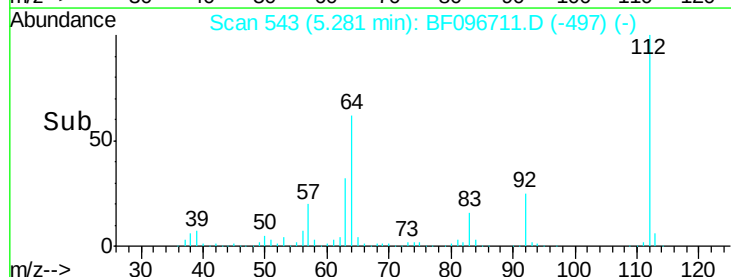


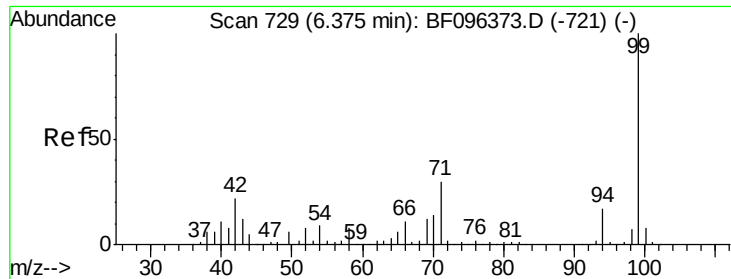
#5
 2-Fluorophenol
 Concen: 93.059 ng
 RT: 5.28 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: BF096711.D
 Acq: 13 Jul 2017 00:18

Tgt Ion:112 Resp: 633902
 Ion Ratio Lower Upper
 112 100
 64 62.3 46.0 69.0
 63 31.6 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: 96.670 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096711.D

Acq: 13 Jul 2017 00:18

Instrument :

BNA_F

ClientSampleId :

SB-8(6.5-7.0)

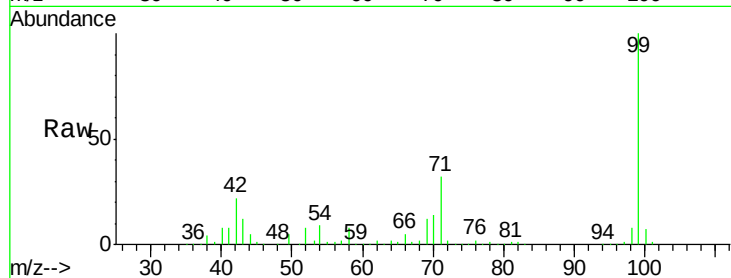
Tgt Ion: 99 Resp: 809539

Ion Ratio Lower Upper

99 100

42 22.0 13.5 20.3#

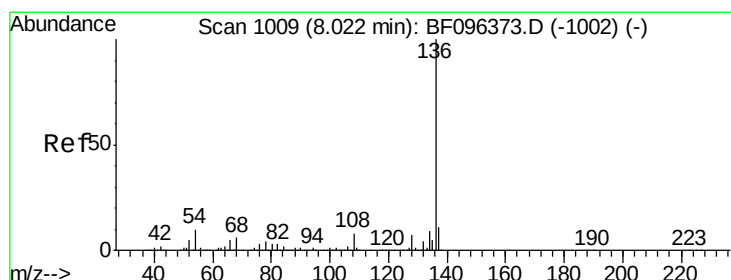
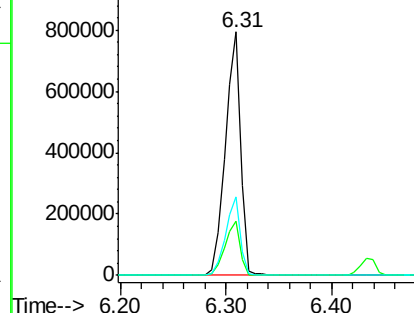
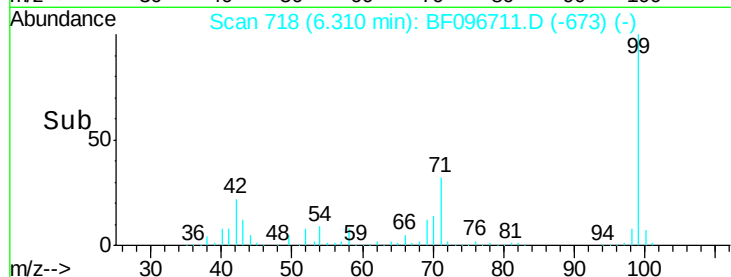
71 32.3 24.5 36.7



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: 7.95 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF096711.D

Acq: 13 Jul 2017 00:18

Tgt Ion: 136 Resp: 456473

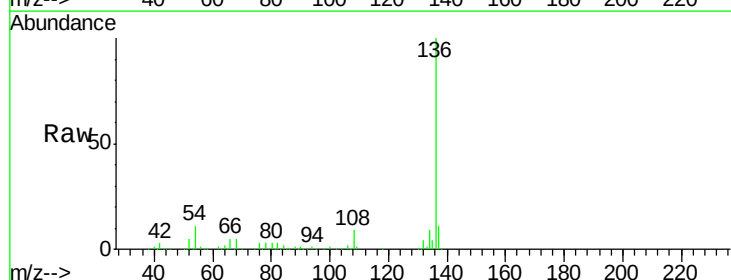
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.2 4.9 7.3#

68 5.2 4.1 6.1

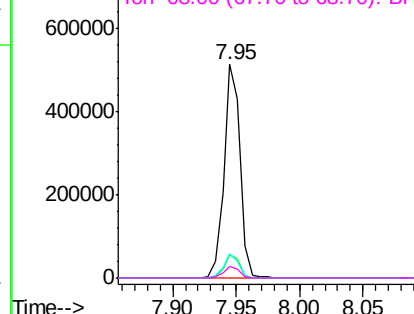
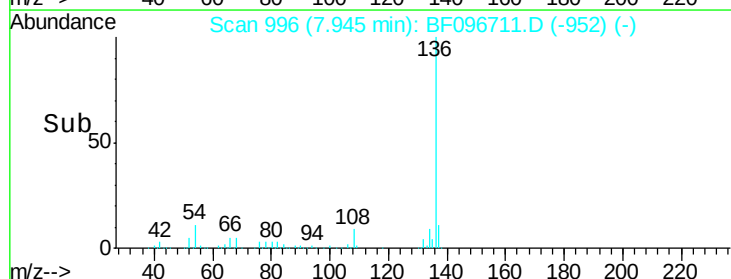


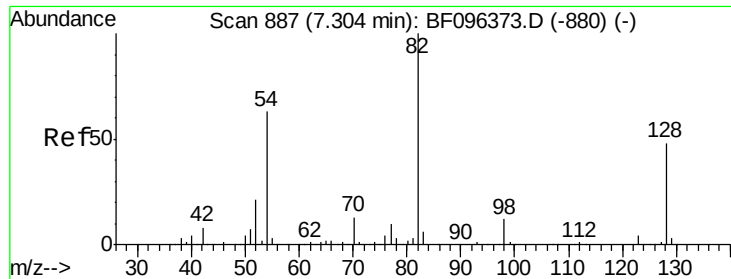
Abundance Ion 136.00 (135.70 to 136.70): E

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

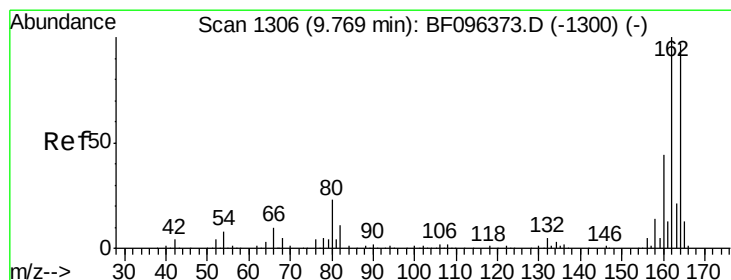
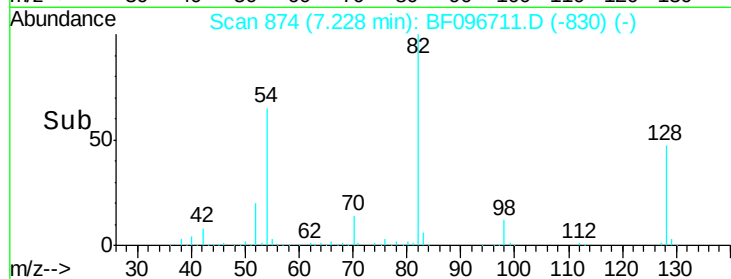
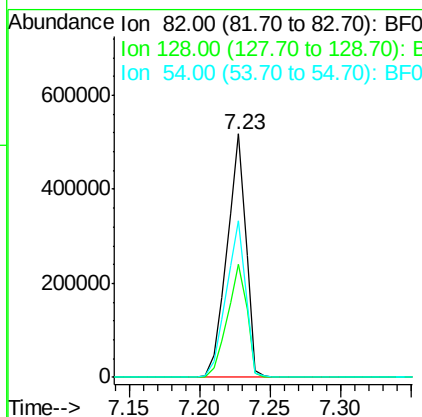
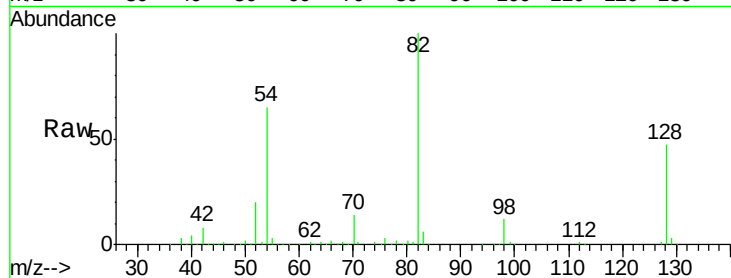




#23
 Nitrobenzene-d5
 Concen: 63.933 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096711.D
 Acq: 13 Jul 2017 00:18

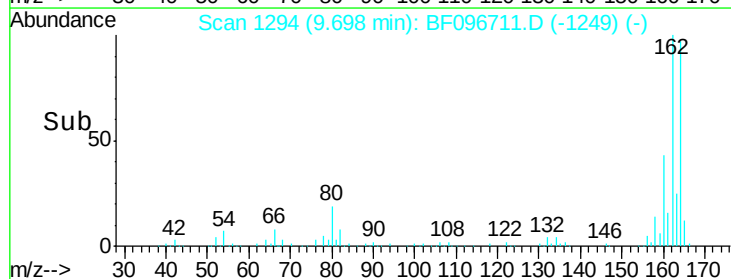
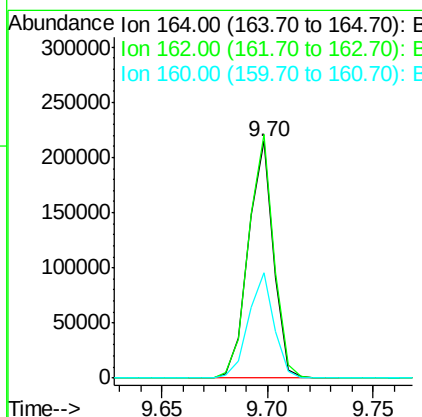
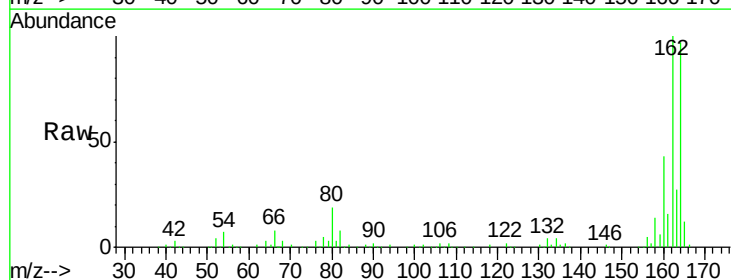
Instrument :
 BNA_F
 ClientSampleId :
 SB-8(6.5-7.0)

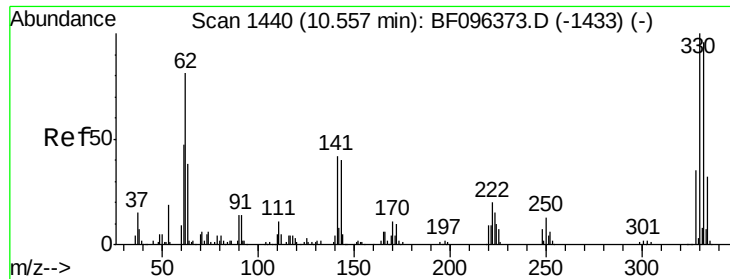
Tgt Ion: 82 Resp: 485660
 Ion Ratio Lower Upper
 82 100
 128 46.7 34.0 51.0
 54 64.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096711.D
 Acq: 13 Jul 2017 00:18

Tgt Ion: 164 Resp: 177948
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 44.5 36.2 54.2

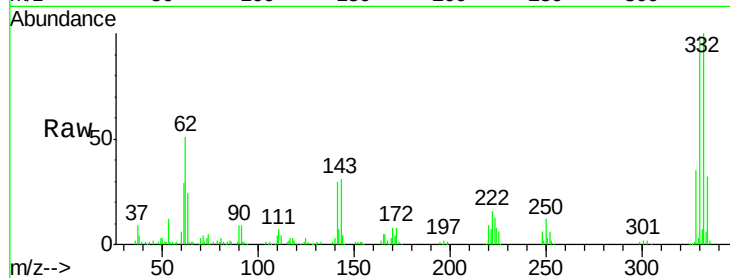




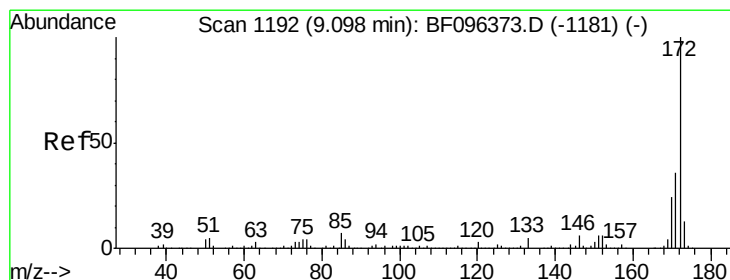
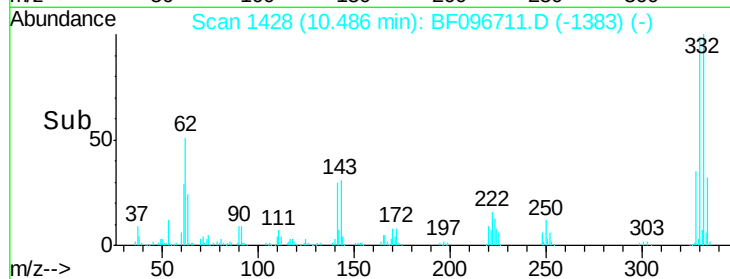
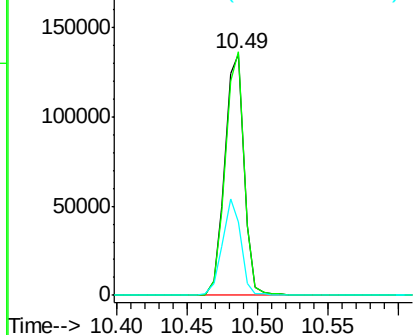
#41
 2,4,6-Tribromophenol
 Concen: 93.352 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096711.D
 Acq: 13 Jul 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-8(6.5-7.0)

Tgt Ion:330 Resp: 129758
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 115.0
 141 37.7 31.4 47.2

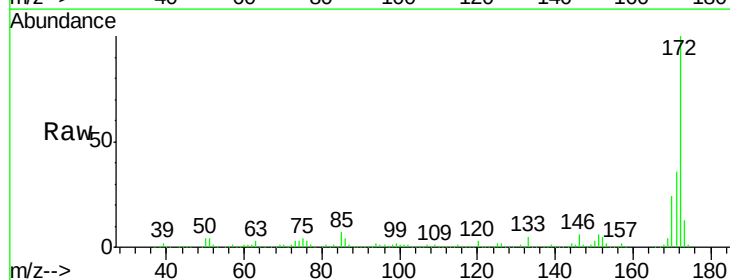


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

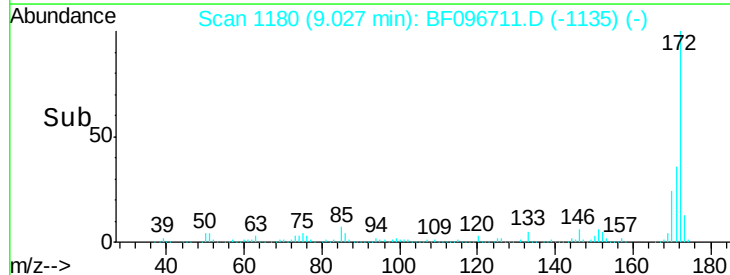
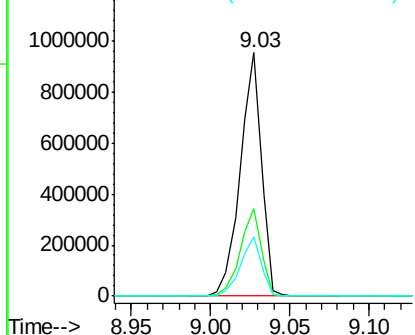


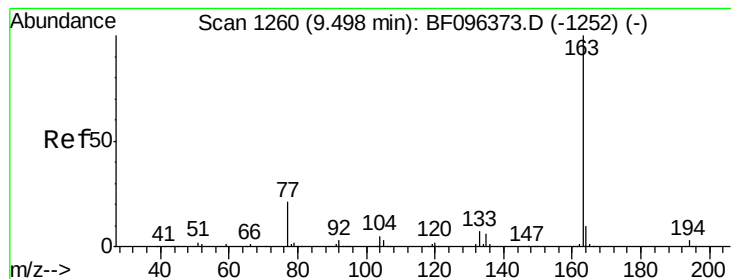
#44
 2-Fluorobiphenyl
 Concen: 84.744 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096711.D
 Acq: 13 Jul 2017 00:18

Tgt Ion:172 Resp: 881987
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.4 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: 9.501 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.05 min

Lab File: BF096711.D

Acq: 13 Jul 2017 00:18

Instrument :

BNA_F

ClientSampleId :

SB-8(6.5-7.0)

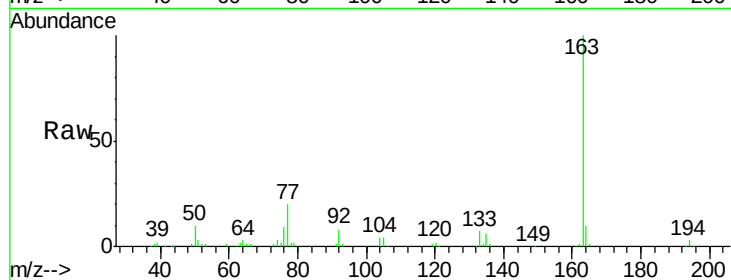
Tgt Ion:163 Resp: 126211

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

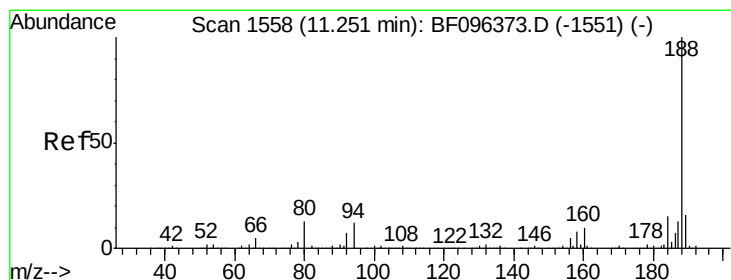
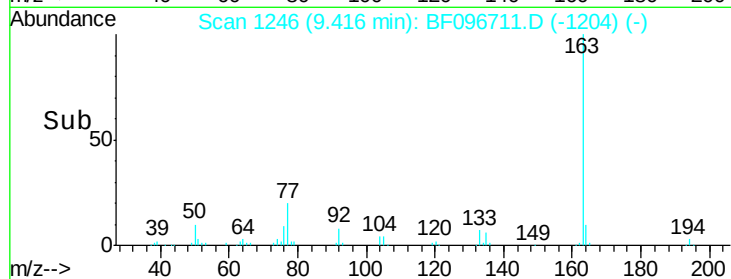
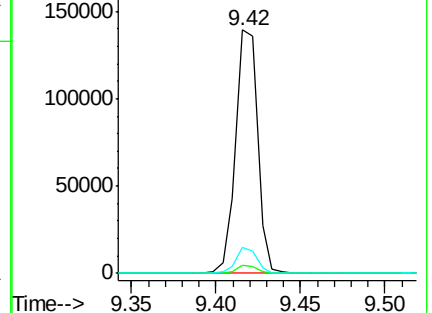
164 10.5 8.4 12.6



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: 11.17 min Scan# 1545

Delta R.T. -0.04 min

Lab File: BF096711.D

Acq: 13 Jul 2017 00:18

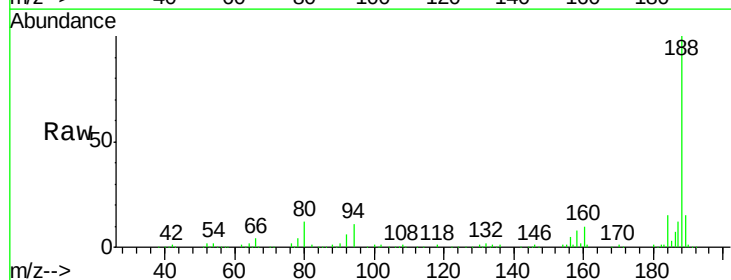
Tgt Ion:188 Resp: 260433

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

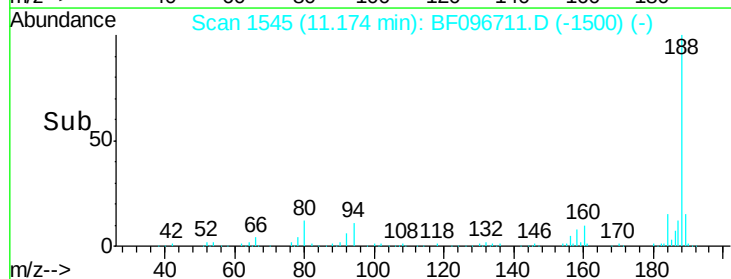
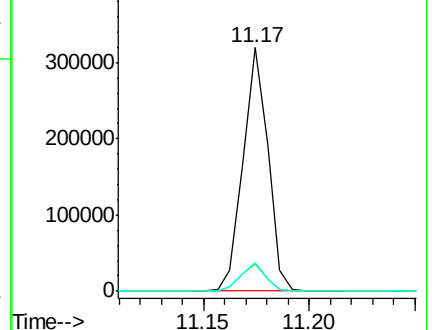
80 11.6 10.2 15.2

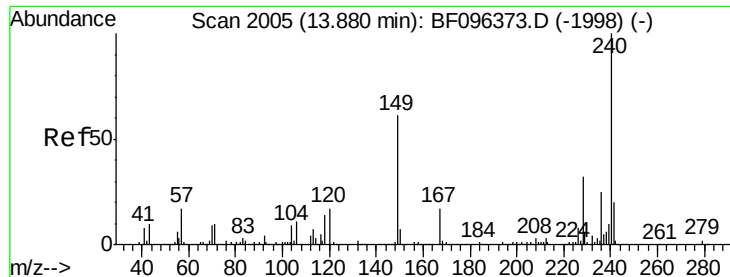


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.80 min Scan# 1992

Delta R.T. -0.04 min

Lab File: BF096711.D

Acq: 13 Jul 2017 00:18

Instrument :

BNA_F

ClientSampleId :

SB-8(6.5-7.0)

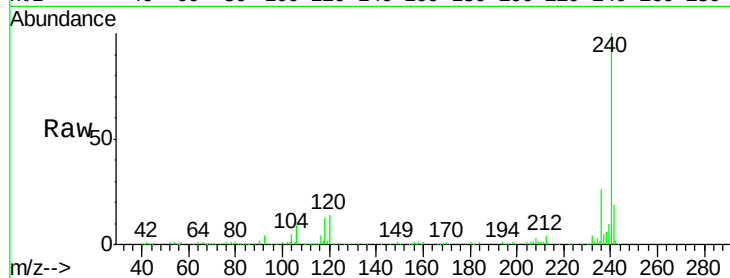
Tgt Ion:240 Resp: 197104

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

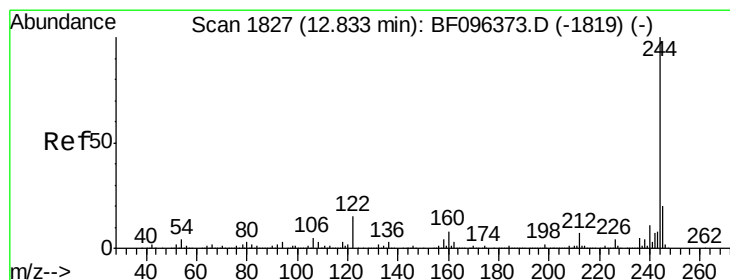
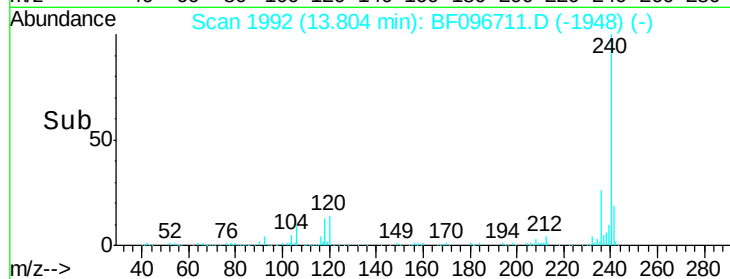
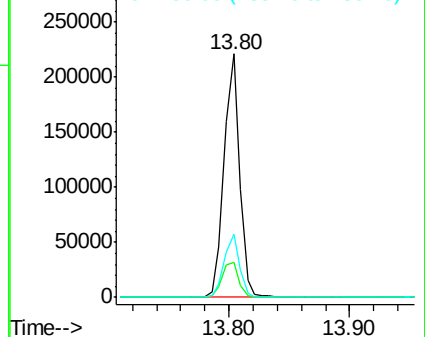
236 25.9 20.5 30.7



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: 59.078 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096711.D

Acq: 13 Jul 2017 00:18

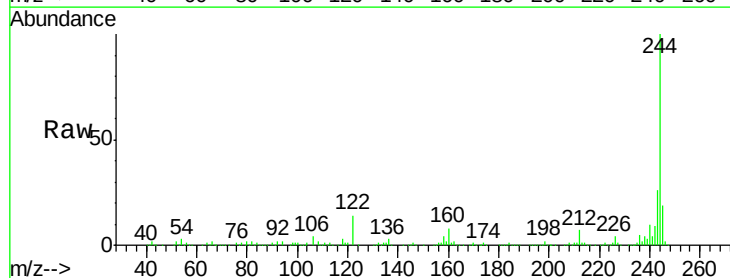
Tgt Ion:244 Resp: 544943

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

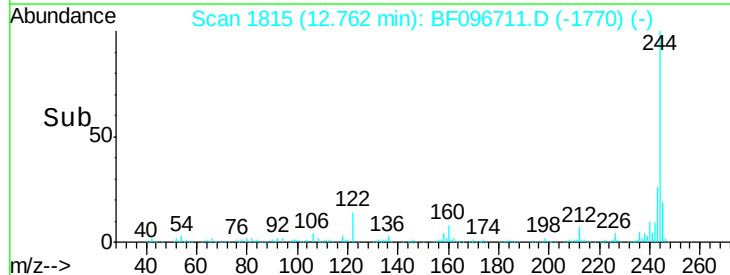
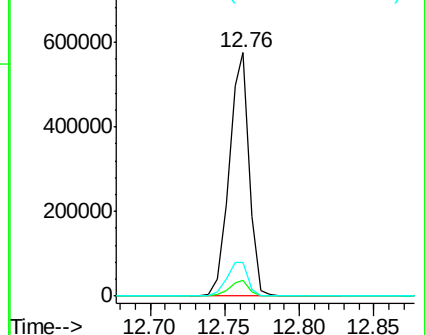
122 13.8 10.3 15.5

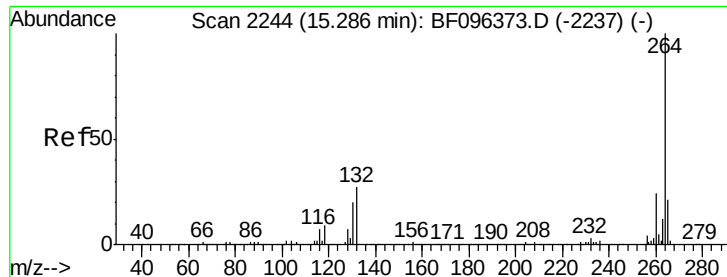


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

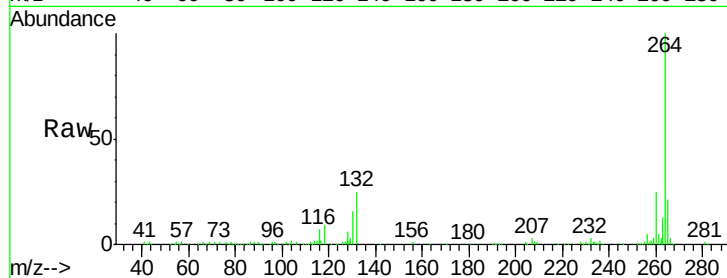




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096711.D
Acq: 13 Jul 2017 00:18

Instrument :
BNA_F
ClientSampleId :
SB-8(6.5-7.0)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.3	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

