

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097284.D
 Acq On : 2 Aug 2017 20:16
 Operator : SJ/JU
 Sample : I4543-04 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-B

Quant Time: Aug 02 23:51:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

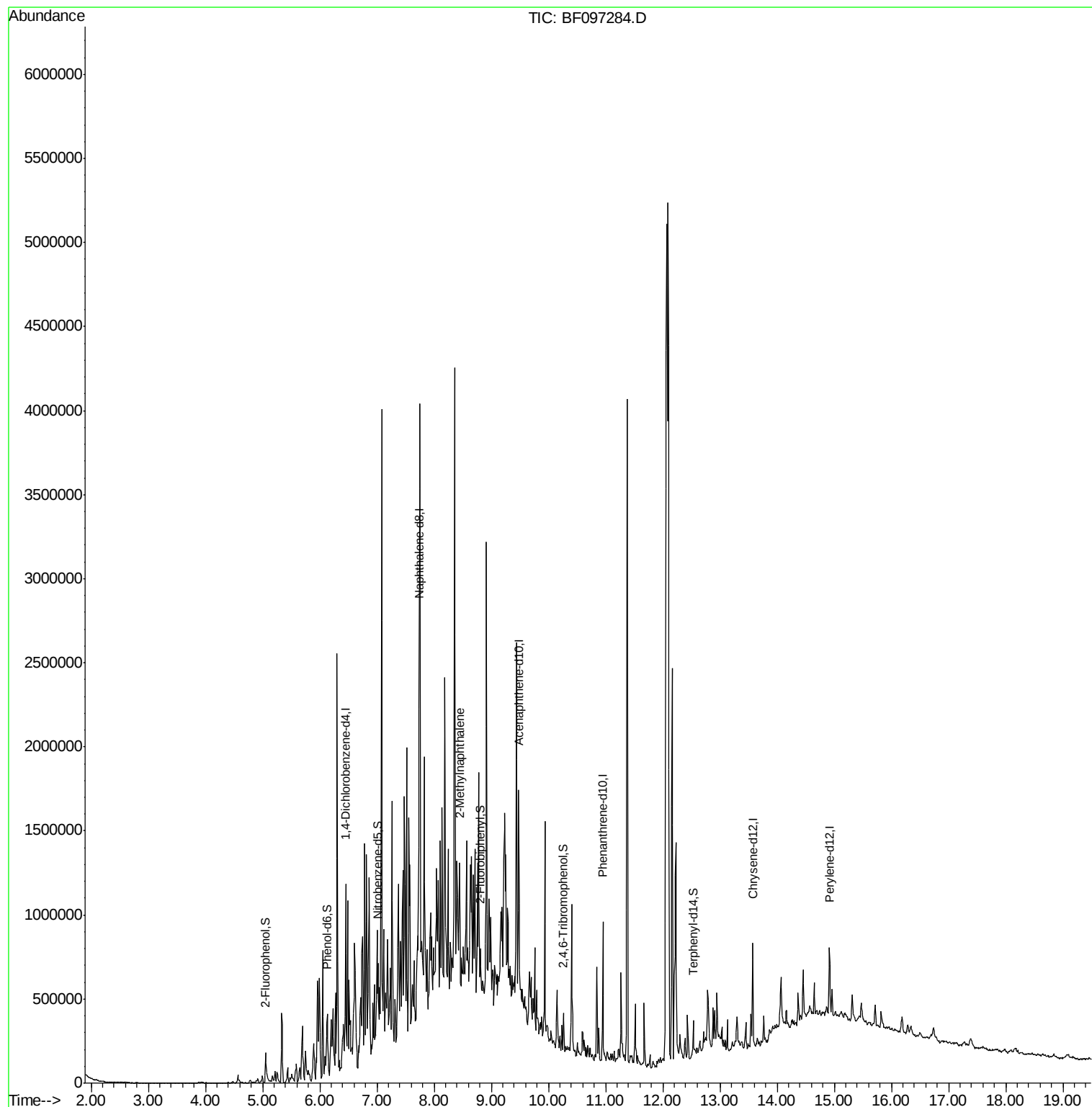
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	127763	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	429859	20.00	ng	-0.05
38) Acenaphthene-d10	9.48	164	207321	20.00	ng	-0.05
63) Phenanthrene-d10	10.95	188	291759	20.00	ng	-0.05
75) Chrysene-d12	13.57	240	208199	20.00	ng	-0.05
86) Perylene-d12	14.92	264	165493	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	86165	10.17	ng	-0.05
7) Phenol-d6	6.12	99	98988	10.23	ng	-0.05
23) Nitrobenzene-d5	7.02	82	63241	8.63	ng	-0.05
41) 2,4,6-Tribromophenol	10.26	330	14520	8.86	ng	-0.06
44) 2-Fluorobiphenyl	8.81	172	93322	7.64	ng	-0.06
78) Terphenyl-d14	12.53	244	59546	5.83	ng	-0.05
Target Compounds						
37) 2-Methylnaphthalene	8.45	142	31098	2.424	ng	Qvalue 96

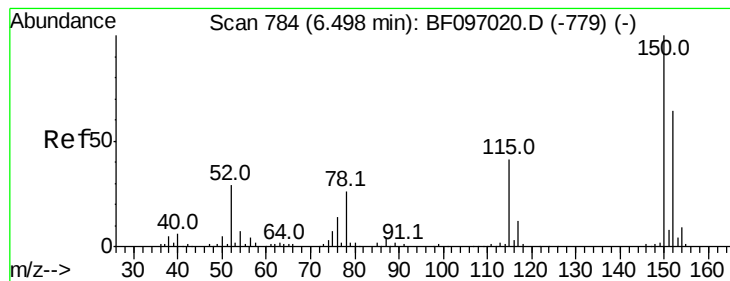
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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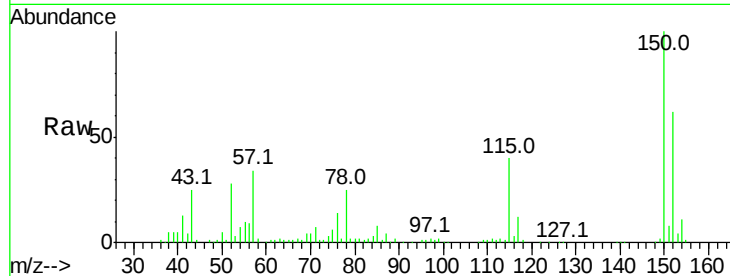


#1

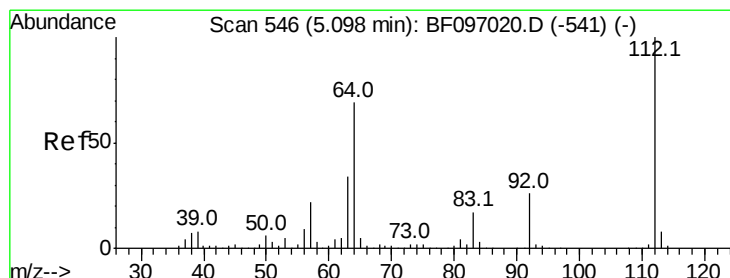
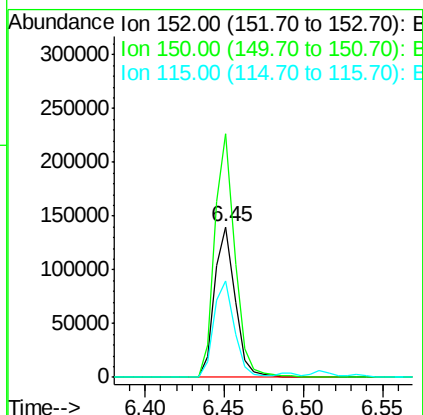
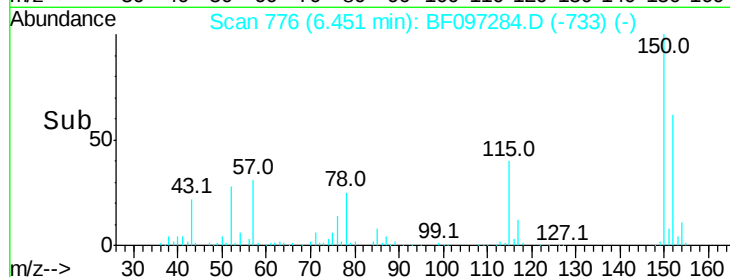
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. -0.05 min
 Lab File: BF097284.D
 Acq: 2 Aug 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-073117-B

Tot Ion:152 Resp: 127763
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.2 189.2
 115 64.0 52.2 78.2



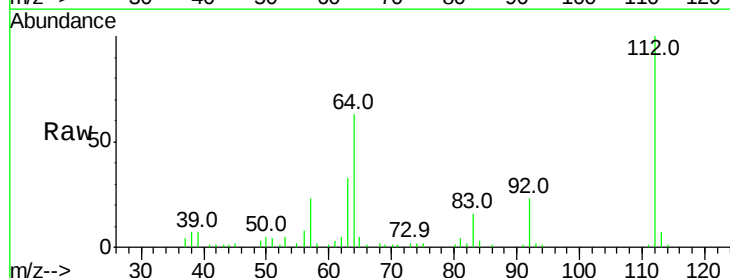
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



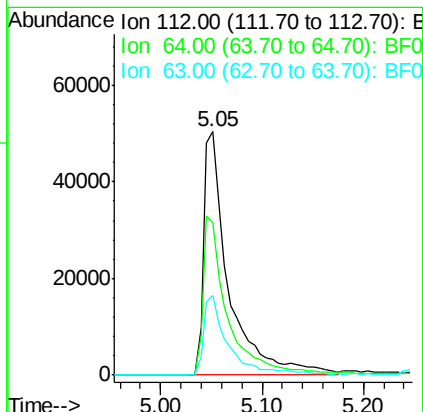
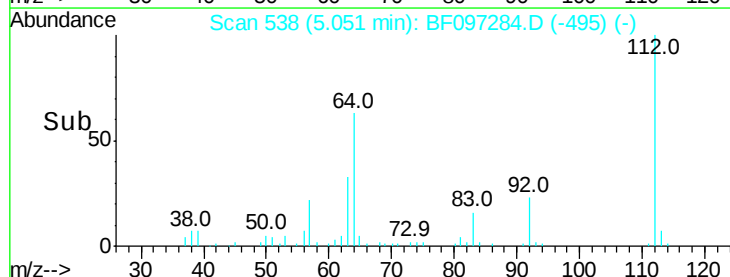
#5

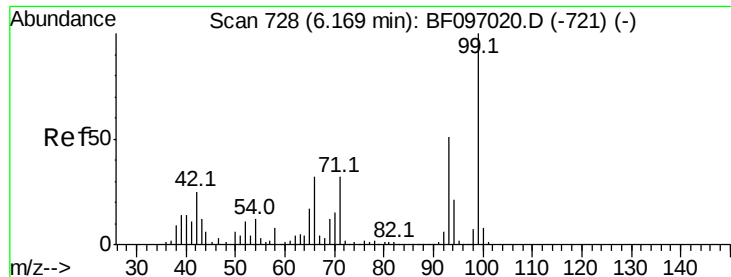
2-Fluorophenol
 Concen: 10.167 ng
 RT: 5.05 min Scan# 538
 Delta R.T. -0.05 min
 Lab File: BF097284.D
 Acq: 2 Aug 2017 20:16

Tgt Ion:112 Resp: 86165
 Ion Ratio Lower Upper
 112 100
 64 62.7 46.0 69.0
 63 32.6 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: 10.231 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

HR-05-073117-B

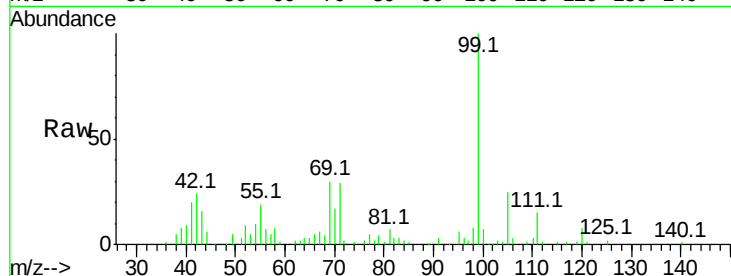
Tot Ion: 99 Resp: 98988

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

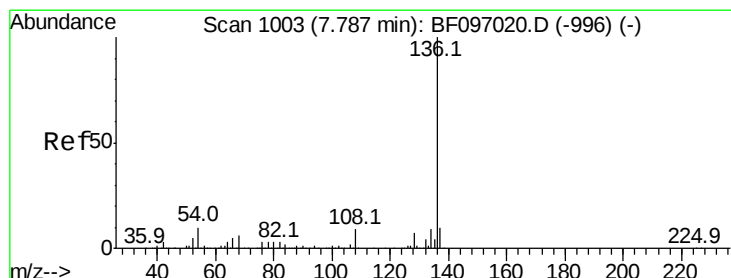
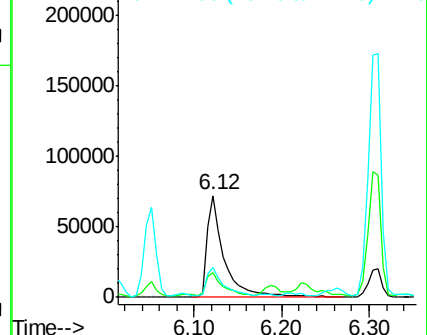
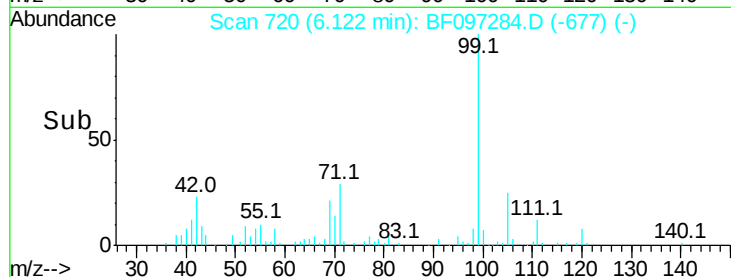
71 29.4 24.5 36.7



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: 7.73 min Scan# 994

Delta R.T. -0.05 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

Tgt Ion: 136 Resp: 429859

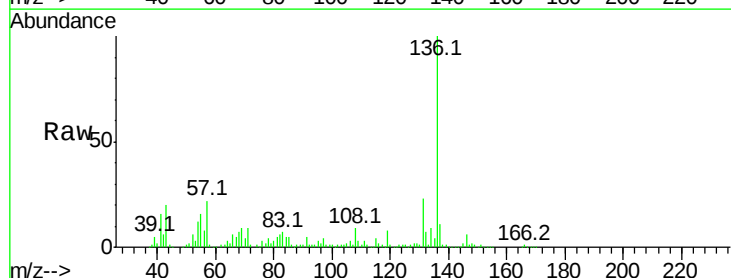
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 12.4 4.9 7.3#

68 7.4 4.1 6.1#

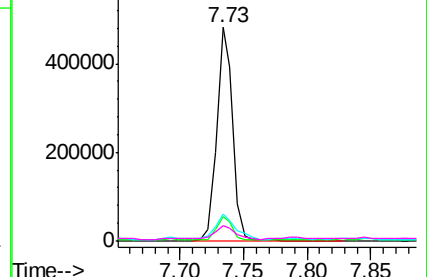
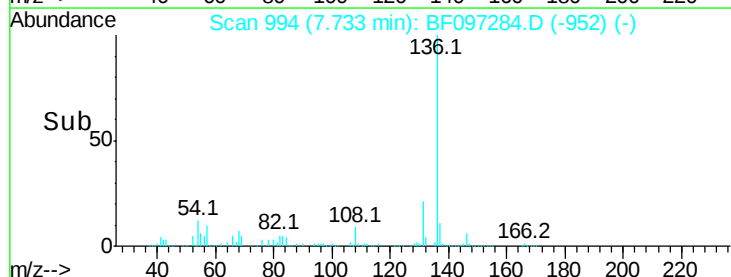


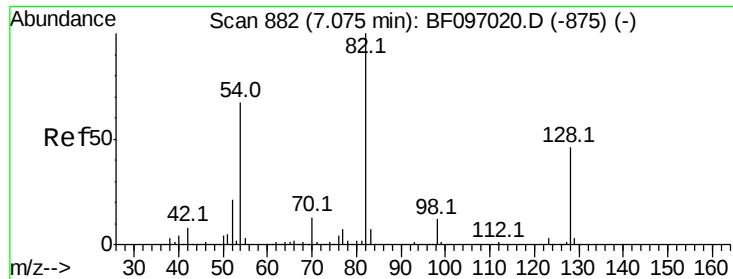
Abundance Ion 136.00 (135.70 to 136.70): E

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

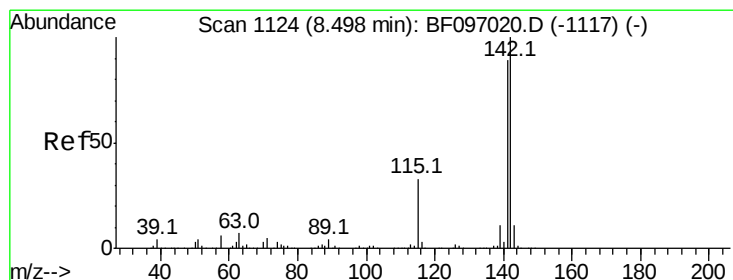
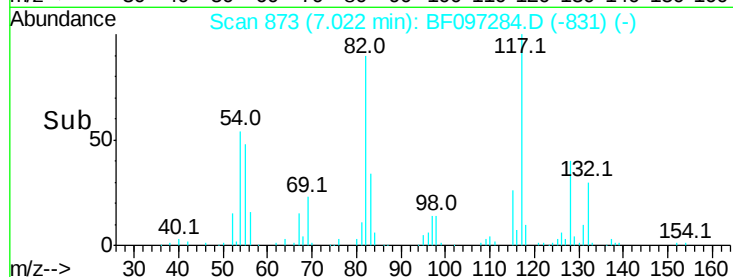
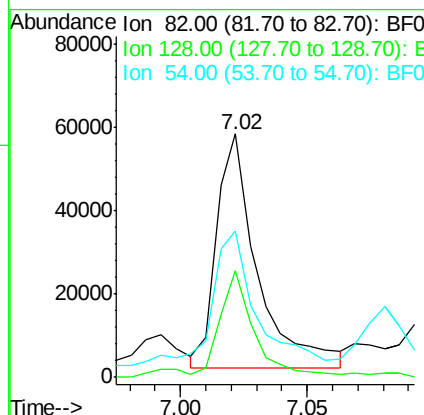
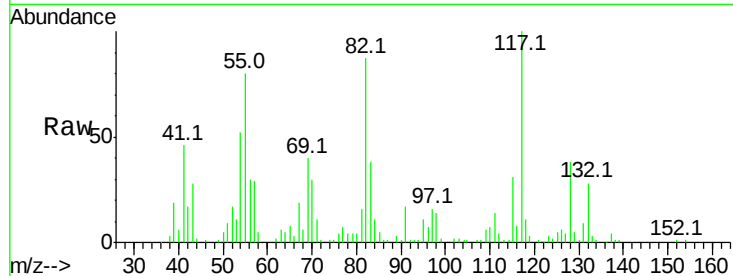




#23
Nitrobenzene-d5
Concen: 8.631 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.05 min
Lab File: BF097284.D
Acq: 2 Aug 2017 20:16

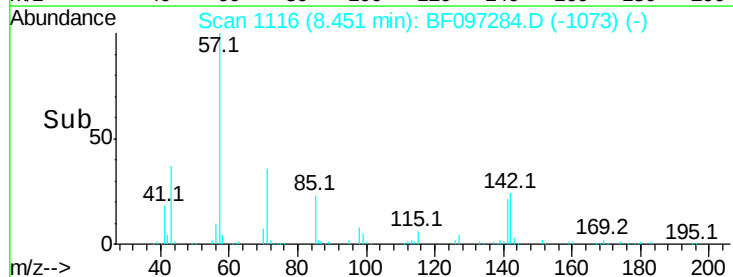
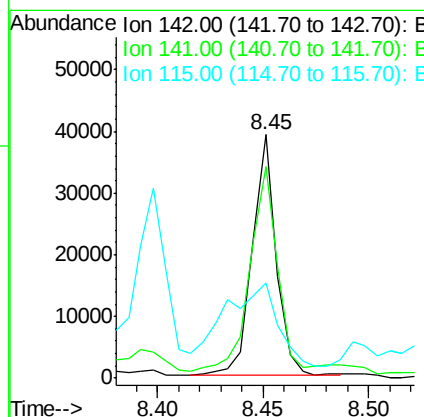
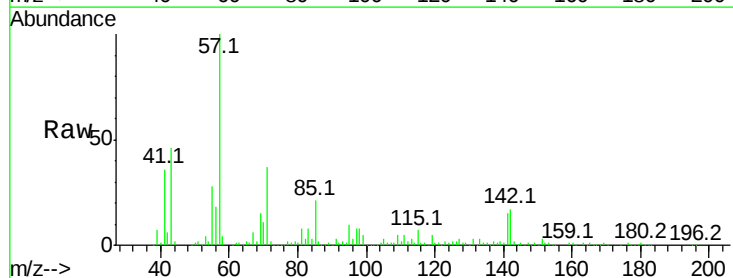
Instrument :
BNA_F
ClientSampleId :
HR-05-073117-B

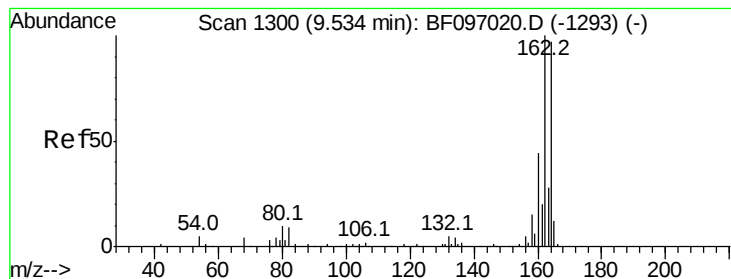
Tot Ion: 82 Resp: 63241
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 60.4 42.2 63.2



#37
2-Methylnaphthalene
Concen: 2.424 ng
RT: 8.45 min Scan# 1116
Delta R.T. -0.05 min
Lab File: BF097284.D
Acq: 2 Aug 2017 20:16

Tgt Ion:142 Resp: 31098
Ion Ratio Lower Upper
142 100
141 86.8 71.3 106.9
115 39.3 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.48 min Scan# 1291

Delta R.T. -0.05 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

HR-05-073117-B

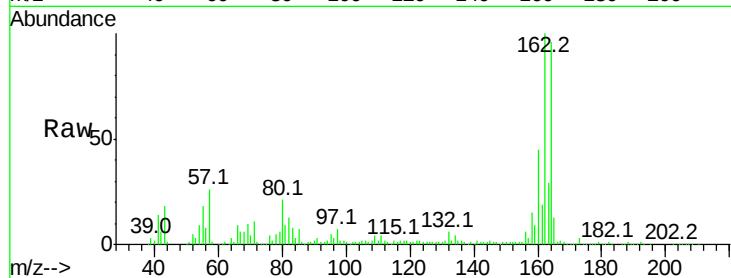
Tot Ion:164 Resp: 207321

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

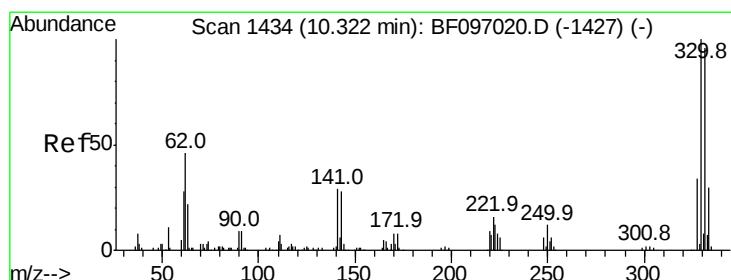
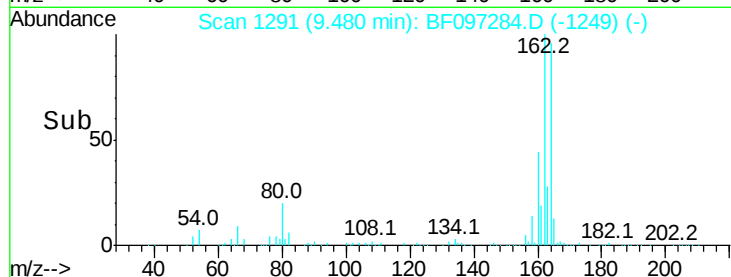
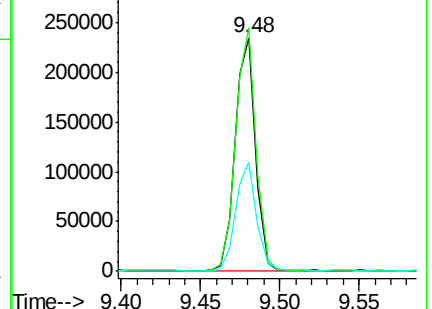
160 46.7 36.2 54.2



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: 8.864 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.06 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

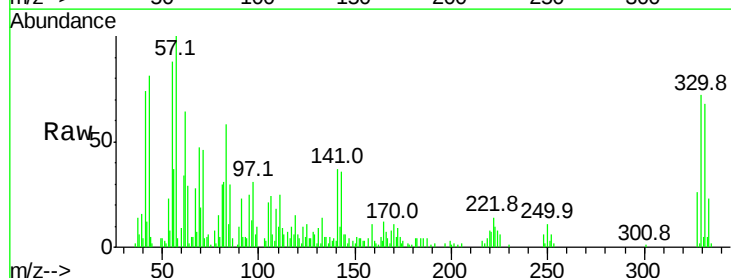
Tgt Ion:330 Resp: 14520

Ion Ratio Lower Upper

330 100

332 94.9 76.6 115.0

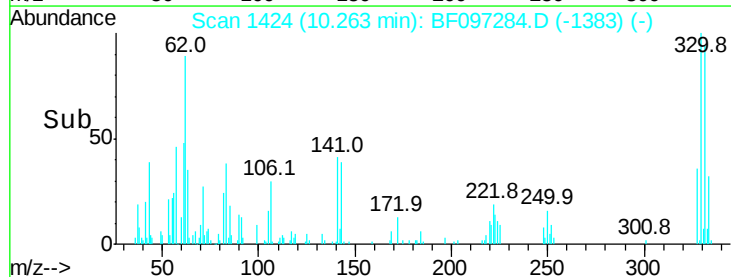
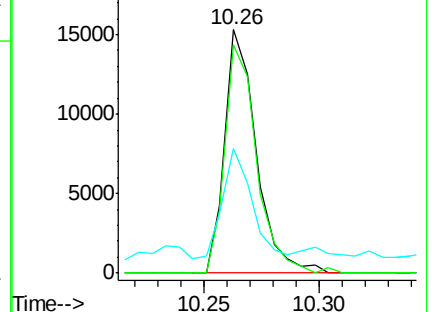
141 42.0 31.4 47.2

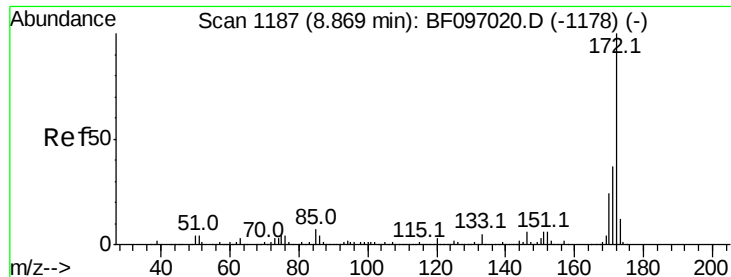


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

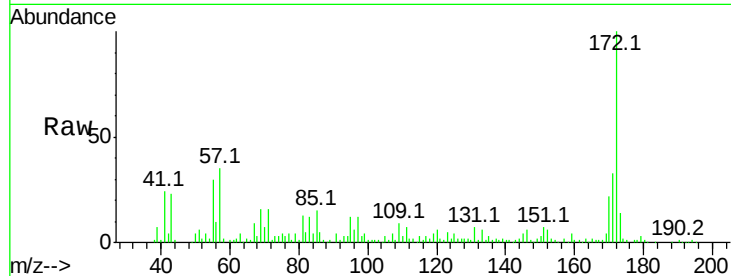




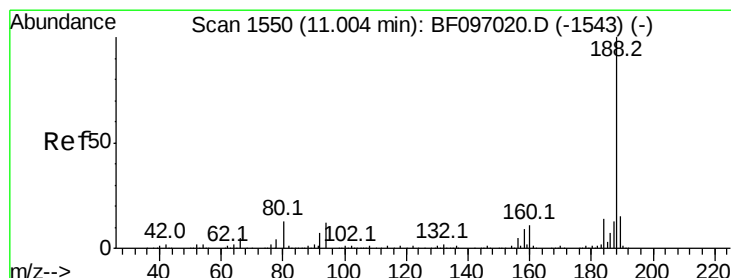
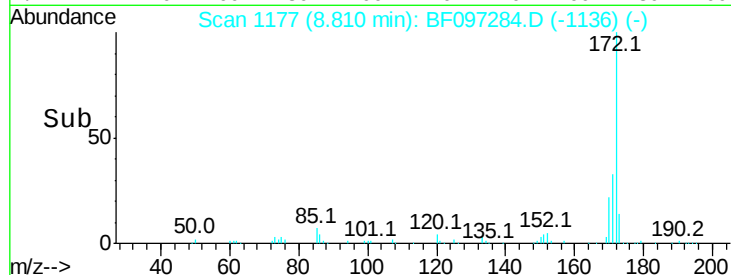
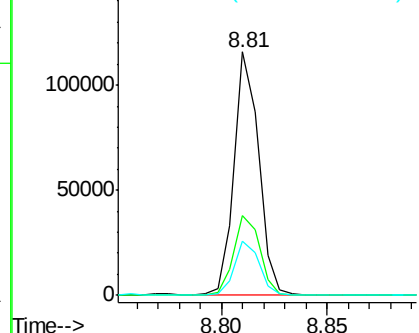
#44
2-Fluorobiphenyl
Concen: 7.639 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BF097284.D
Acq: 2 Aug 2017 20:16

Instrument :
BNA_F
ClientSampleId :
HR-05-073117-B

Tot Ion:172 Resp: 93322
Ion Ratio Lower Upper
172 100
171 33.0 29.6 44.4
170 22.3 19.8 29.8

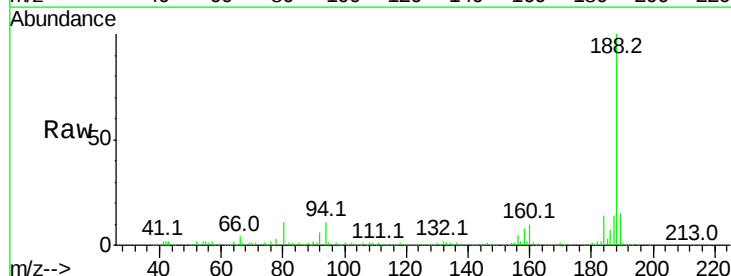


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

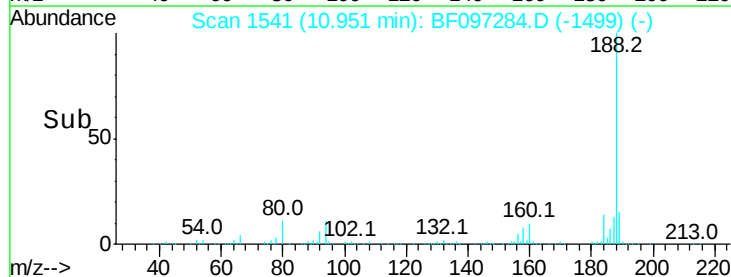
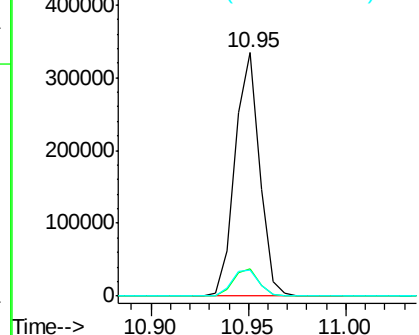


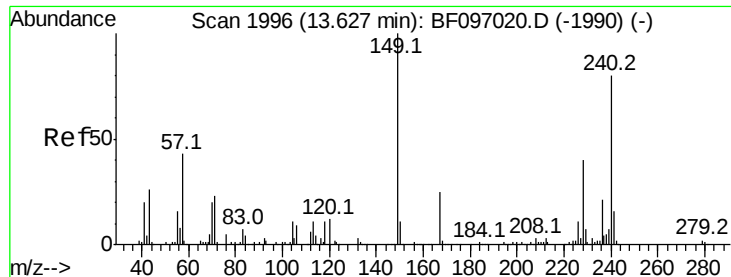
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097284.D
Acq: 2 Aug 2017 20:16

Tgt Ion:188 Resp: 291759
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 10.9 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: 13.57 min Scan# 1987

Delta R.T. -0.05 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

HR-05-073117-B

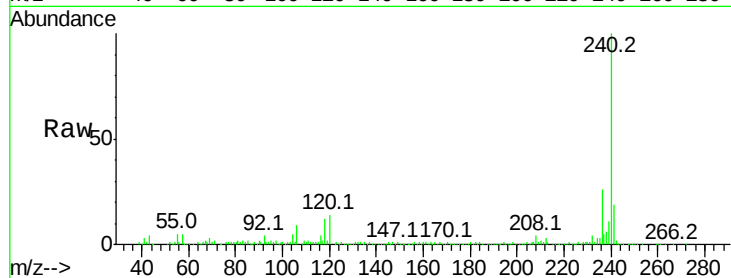
Tot Ion:240 Resp: 208199

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

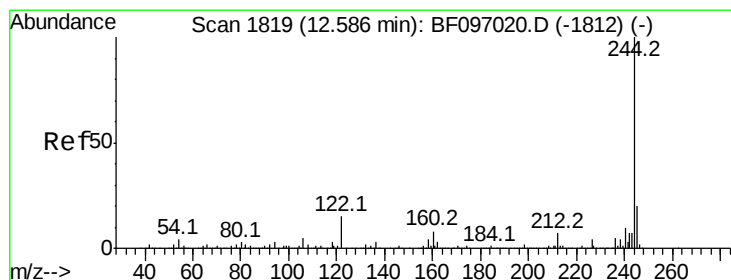
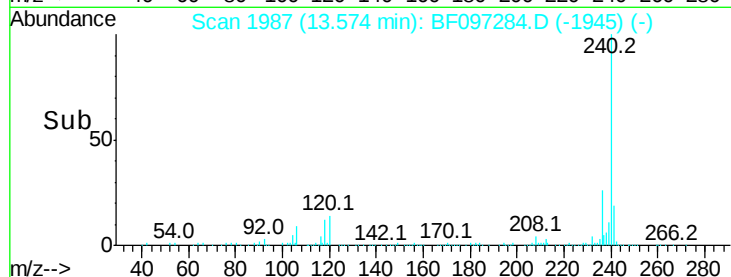
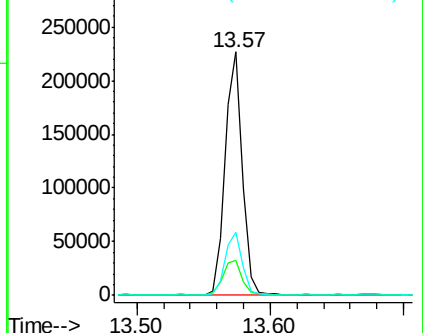
236 26.0 20.5 30.7



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: 5.831 ng

RT: 12.53 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

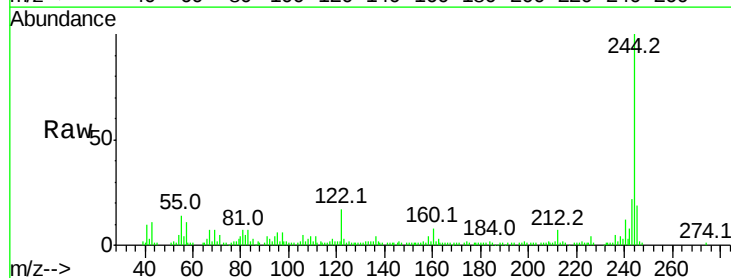
Tgt Ion:244 Resp: 59546

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

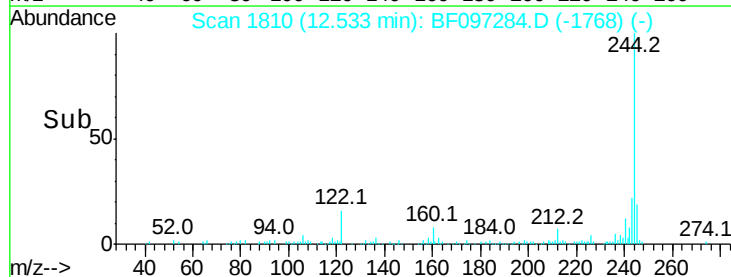
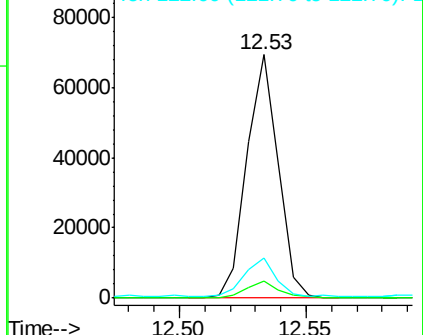
122 16.6 10.3 15.5#

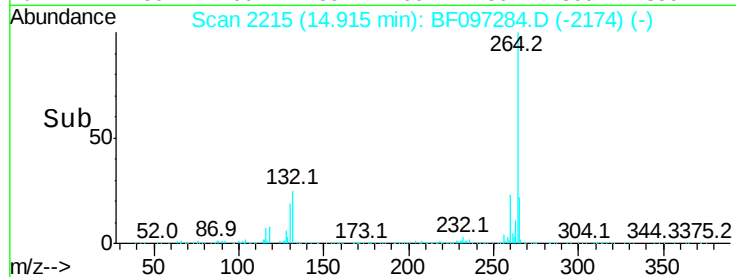
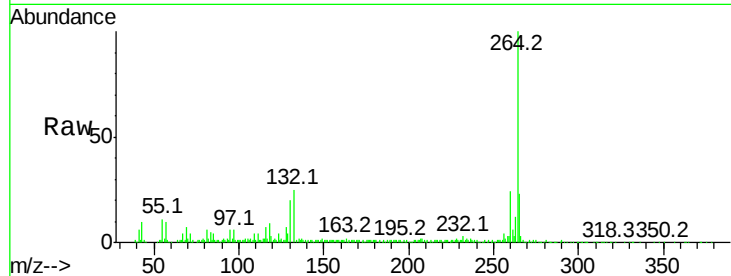
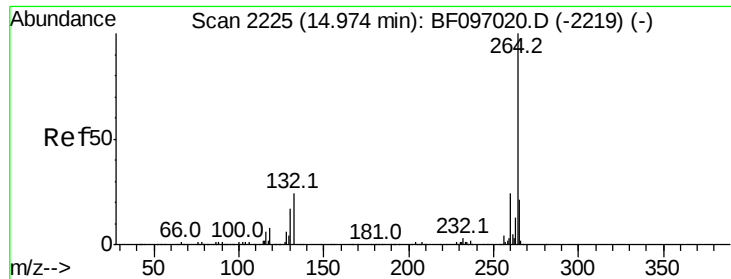


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.92 min Scan# 2215

Delta R.T. -0.06 min

Lab File: BF097284.D

Acq: 2 Aug 2017 20:16

Instrument :

BNA_F

ClientSampleId :

HR-05-073117-B

Tot Ion:264 Resp: 165493

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.5 17.2 25.8

