

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096706.D
 Acq On : 12 Jul 2017 21:59
 Operator : SJ/JU
 Sample : I4140-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-22

Quant Time: Jul 13 03:24:17 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

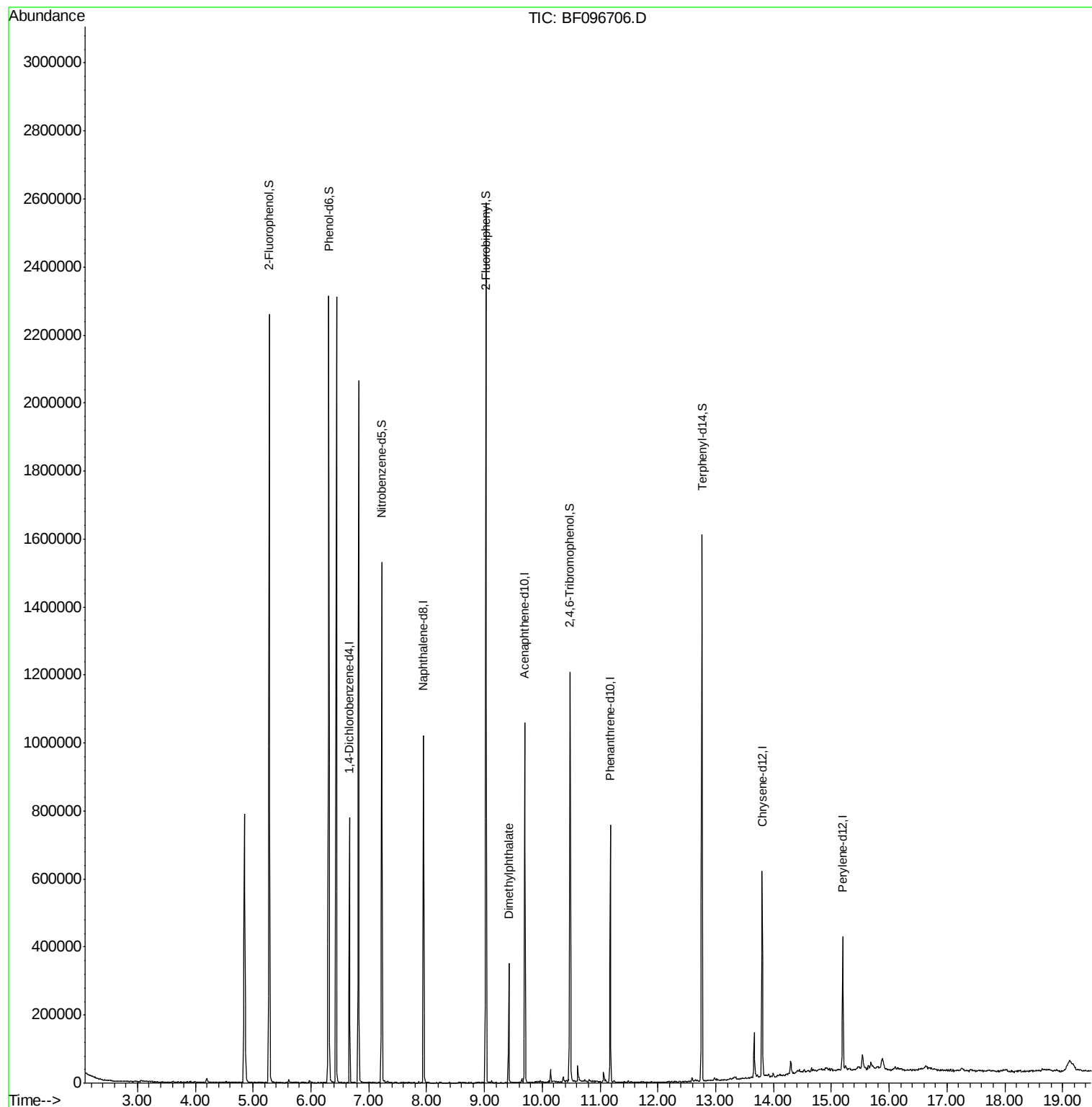
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	114330	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	482645	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	196506	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	253277	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	187993	20.00	ng	-0.04
86) Perylene-d12	15.20	264	157358	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	632332	81.63	ng	-0.03
7) Phenol-d6	6.31	99	801383	84.15	ng	-0.04
23) Nitrobenzene-d5	7.23	82	461685	57.48	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	137361	89.49	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	818123	71.18	ng	-0.04
78) Terphenyl-d14	12.76	244	479229	54.47	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.42	163	140301	9.564	ng	Qvalue 98

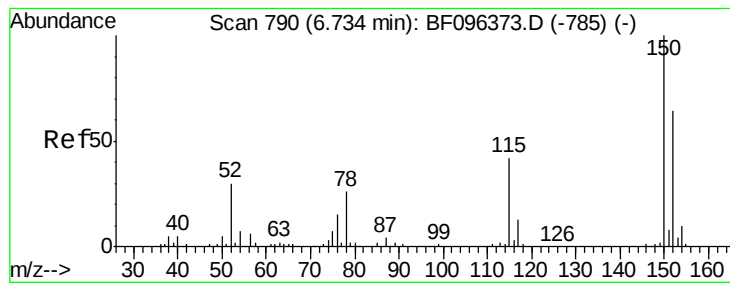
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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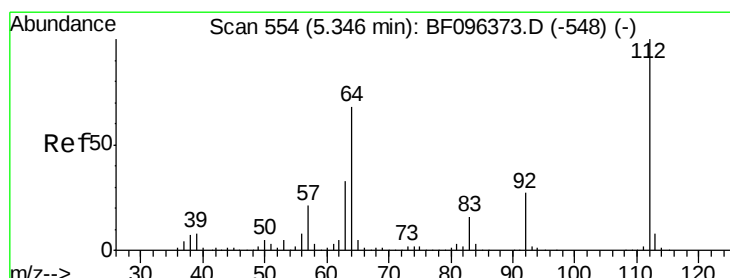
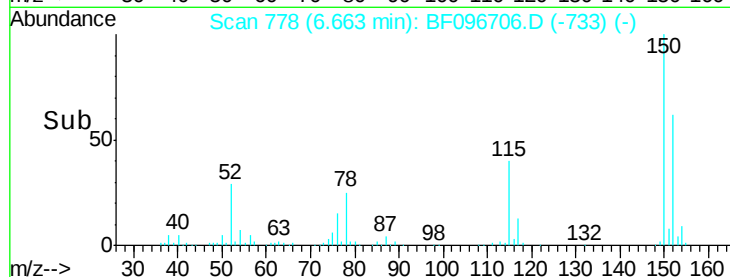
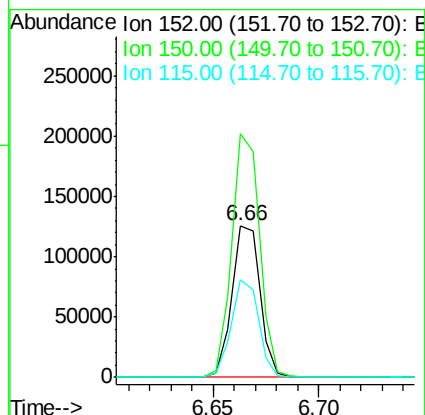
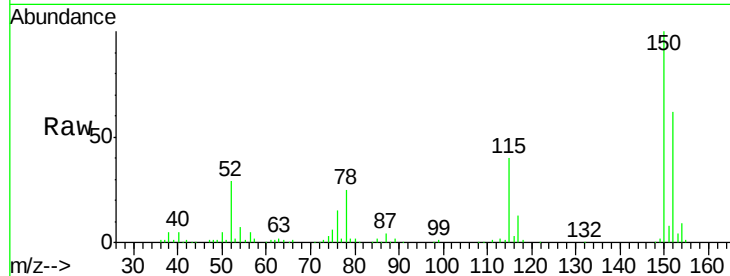


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Instrument :
BNA_F
ClientSampled :
EP-22

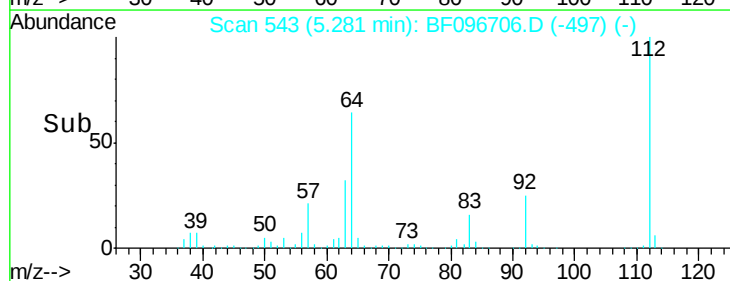
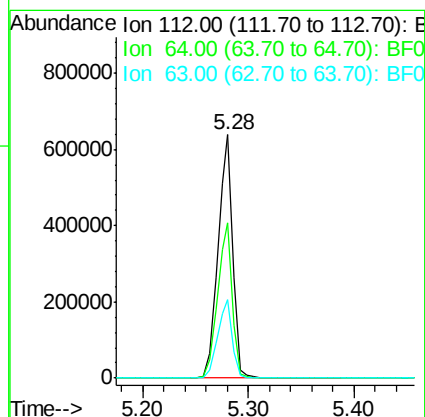
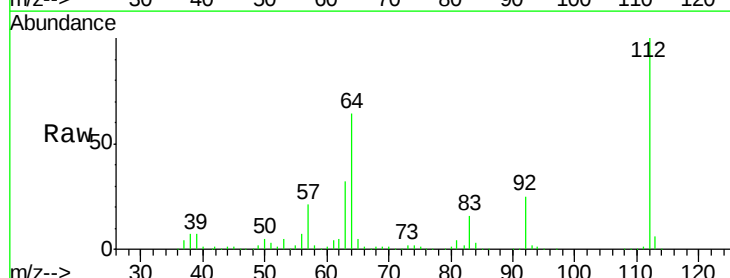
Tgt Ion:152 Resp: 114330
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 64.7 52.2 78.2

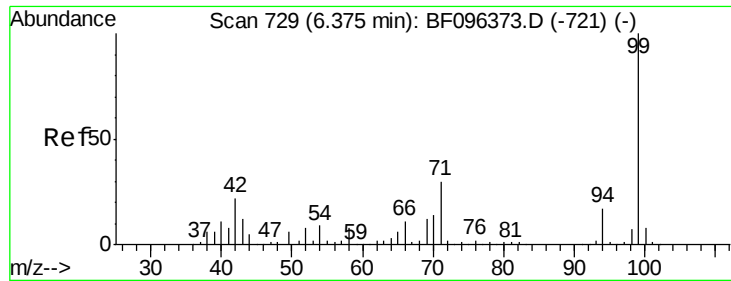


#5

2-Fluorophenol
Concen: 81.632 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Tgt Ion:112 Resp: 632332
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 84.154 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Instrument :

BNA_F

ClientSampled :

EP-22

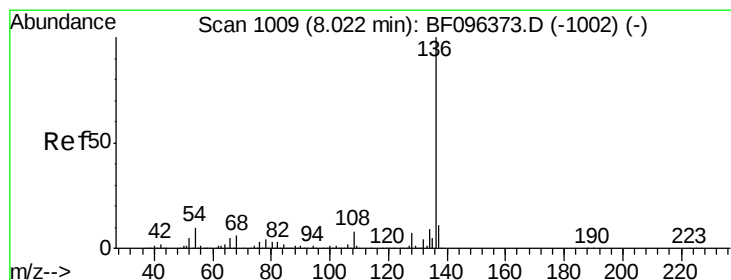
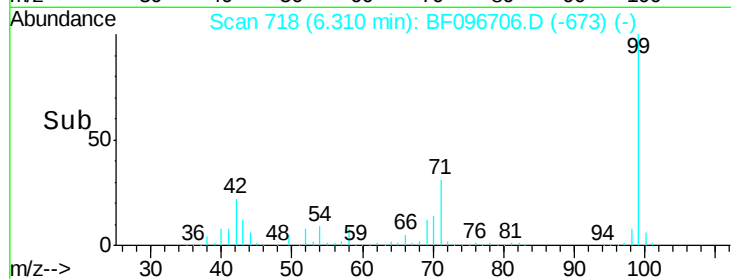
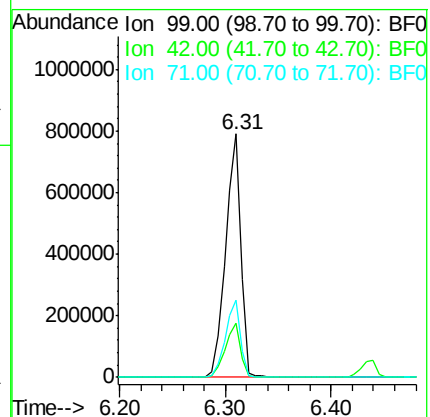
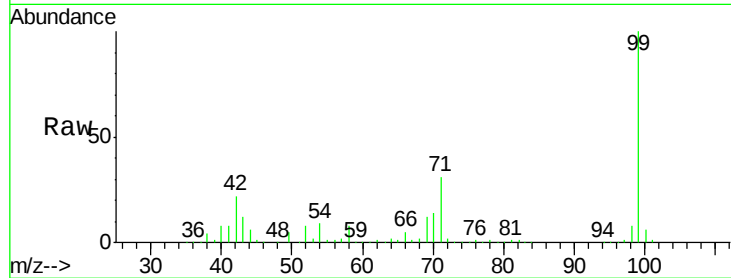
Tgt Ion: 99 Resp: 801383

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Tgt Ion: 136 Resp: 482645

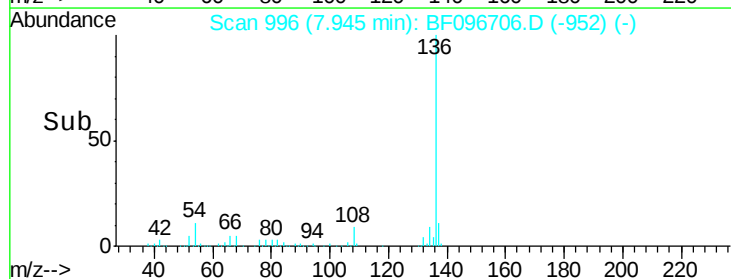
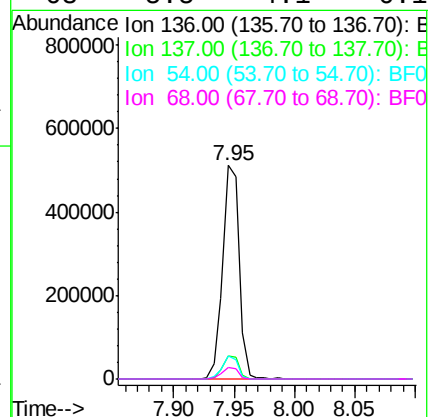
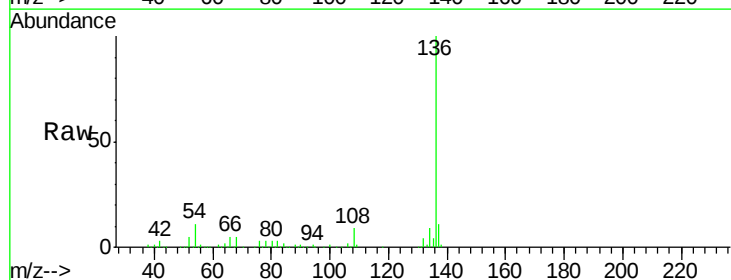
Ion Ratio Lower Upper

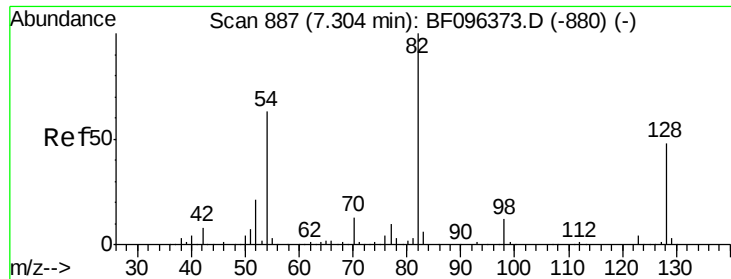
136 100

137 10.8 8.5 12.7

54 10.9 4.9 7.3#

68 5.5 4.1 6.1

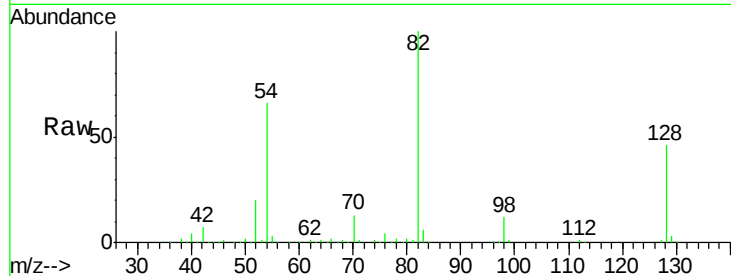




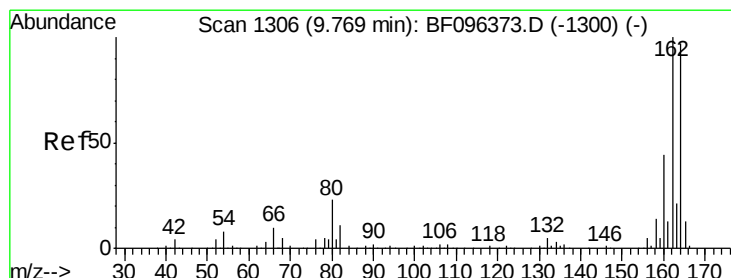
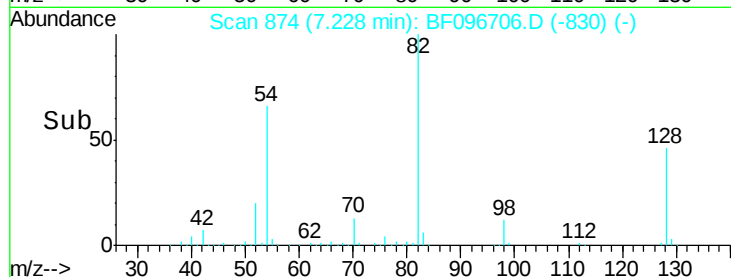
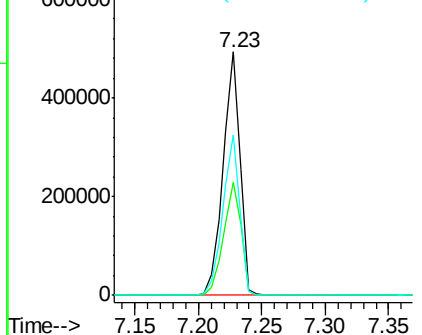
#23
 Nitrobenzene-d5
 Concen: 57.481 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 EP-22

Tgt Ion: 82 Resp: 461685
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 65.9 42.2 63.2#

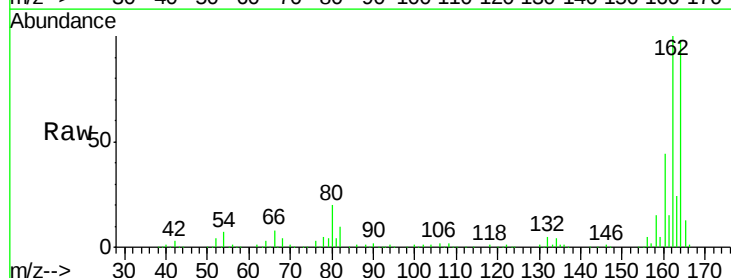


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

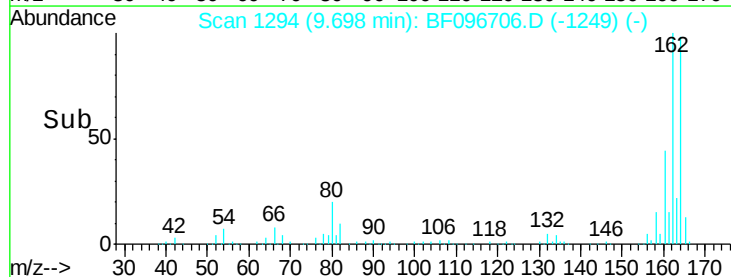
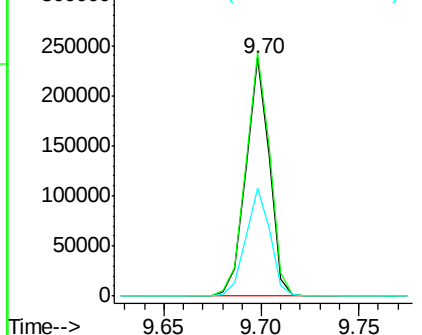


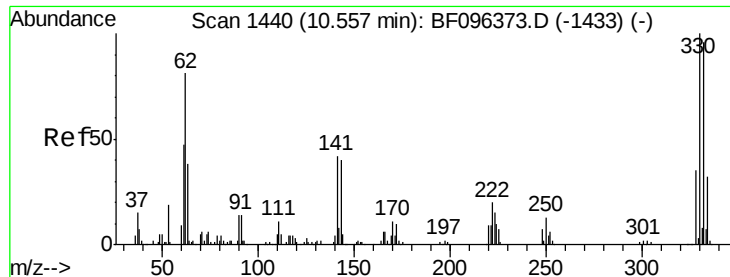
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Tgt Ion: 164 Resp: 196506
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 45.5 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

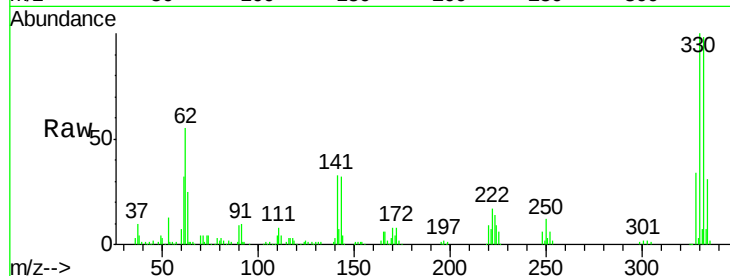




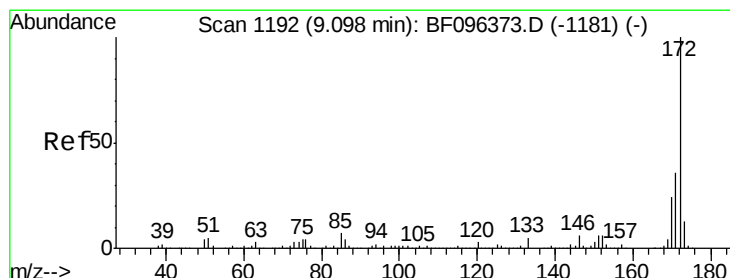
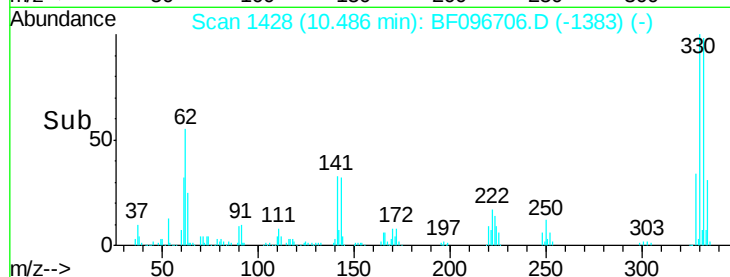
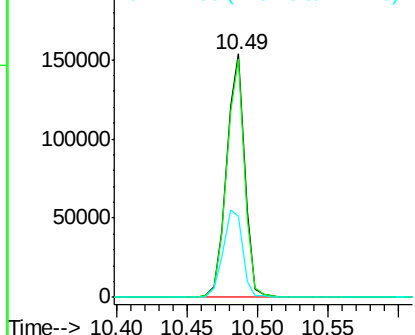
#41
 2,4,6-Tribromophenol
 Concen: 89.489 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :
 EP-22

Tgt Ion: 330 Resp: 137361
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.8 31.4 47.2

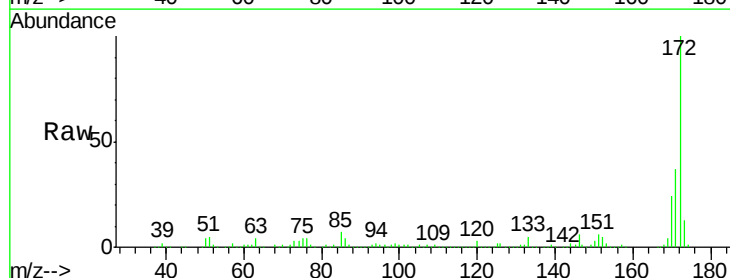


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

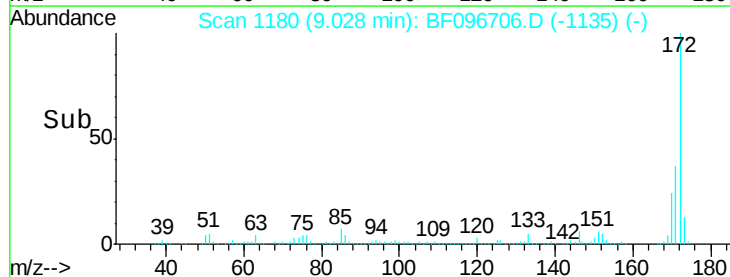
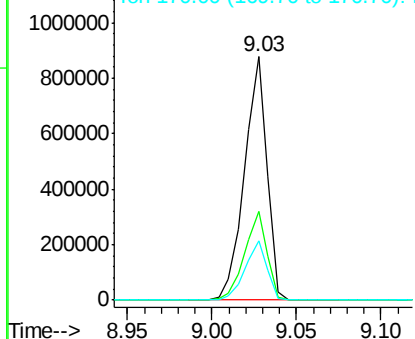


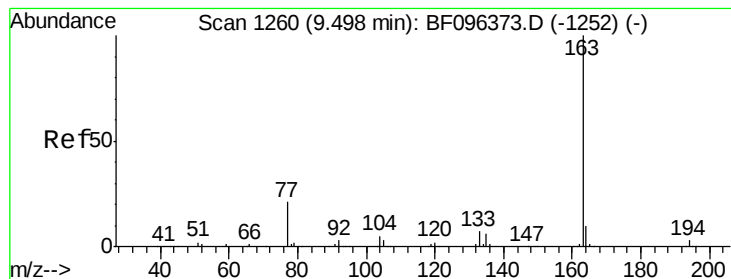
#44
 2-Fluorobiphenyl
 Concen: 71.184 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Tgt Ion: 172 Resp: 818123
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 9.564 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Instrument :

BNA_F

ClientSampleId :

EP-22

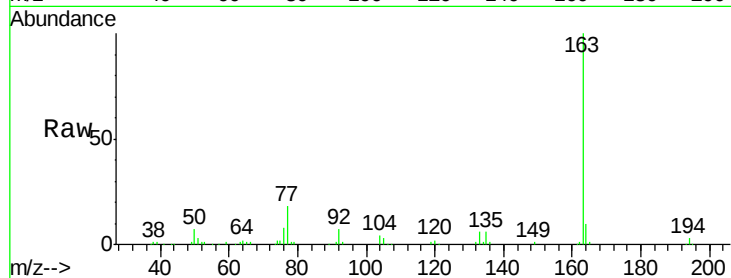
Tgt Ion:163 Resp: 140301

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

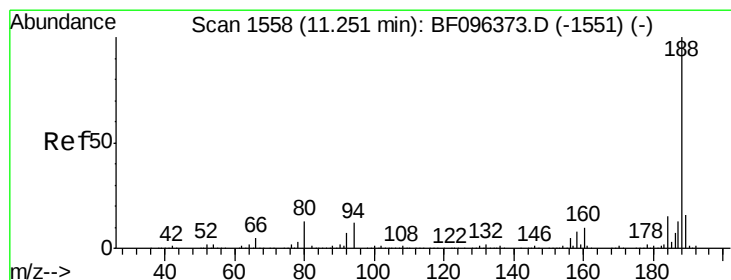
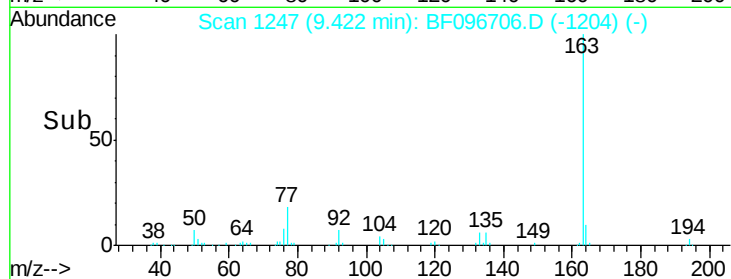
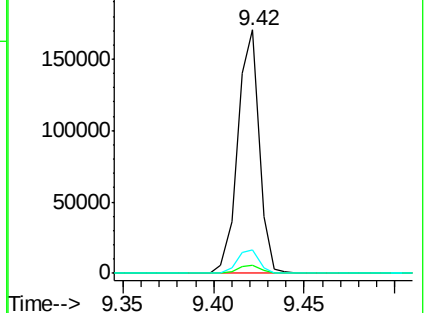
164 9.8 8.4 12.6



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: BF096706.D

Acq: 12 Jul 2017 21:59

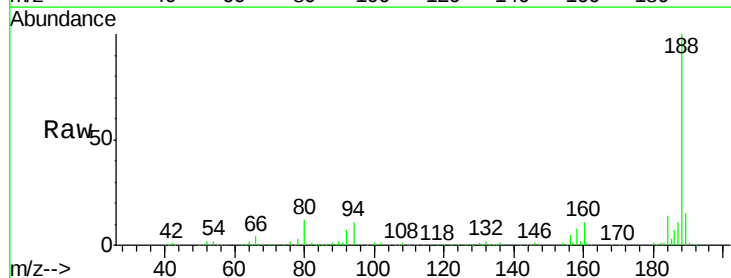
Tgt Ion:188 Resp: 253277

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

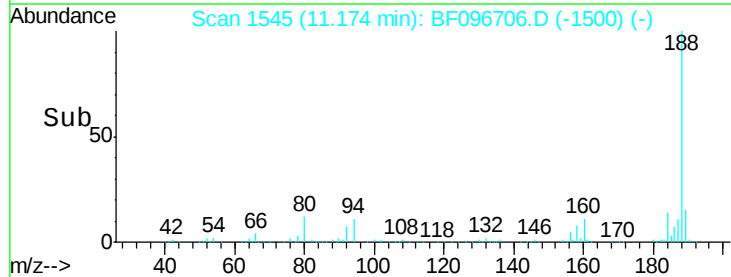
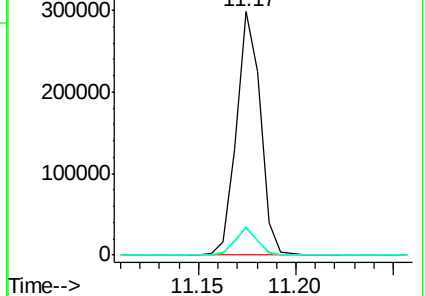
80 11.8 10.2 15.2

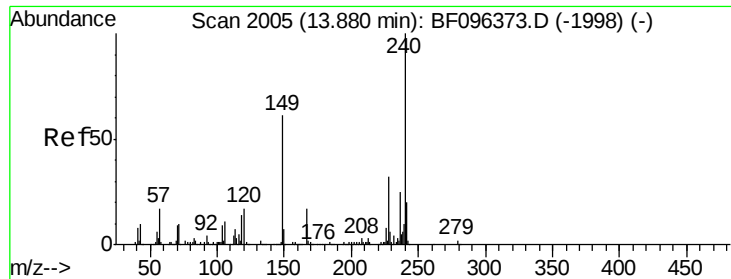


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF096706.D

Acq: 12 Jul 2017 21:59

Instrument :

BNA_F

ClientSampleId :

EP-22

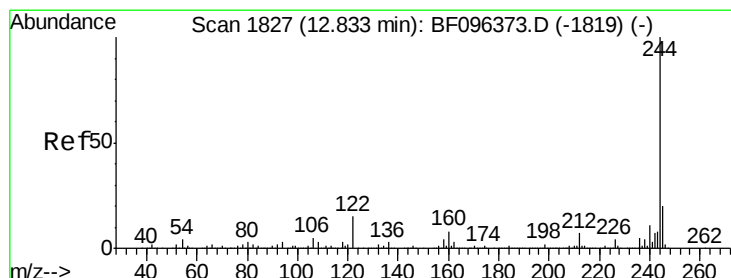
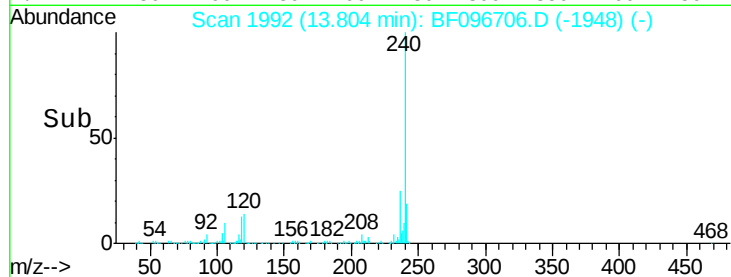
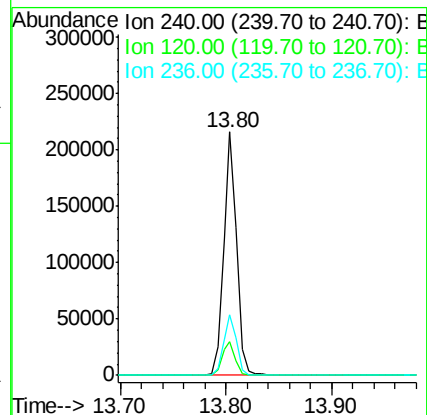
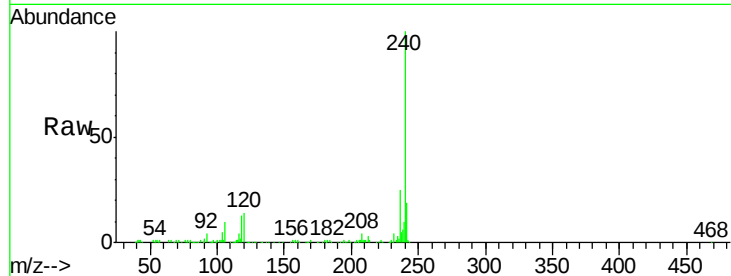
Tgt Ion:240 Resp: 187993

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

236 24.7 20.5 30.7



#78

Terphenyl-d14

Concen: 54.472 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

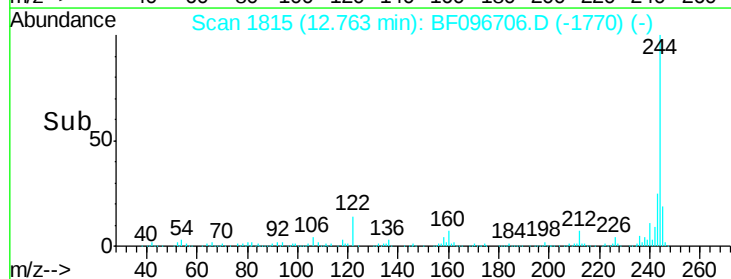
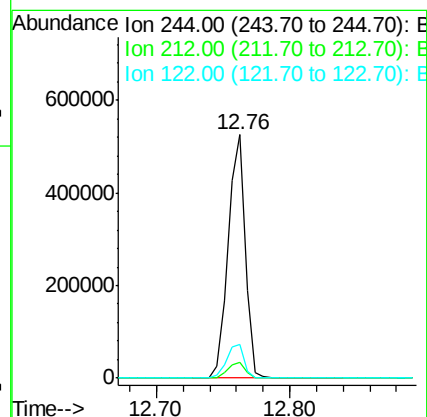
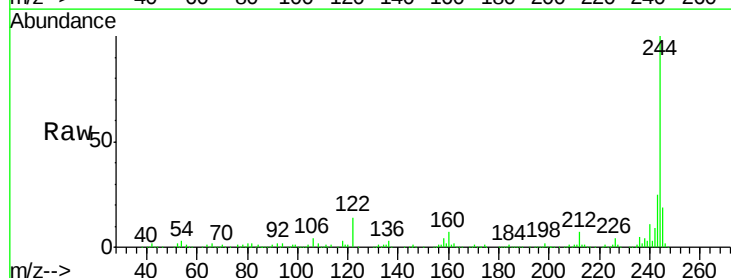
Tgt Ion:244 Resp: 479229

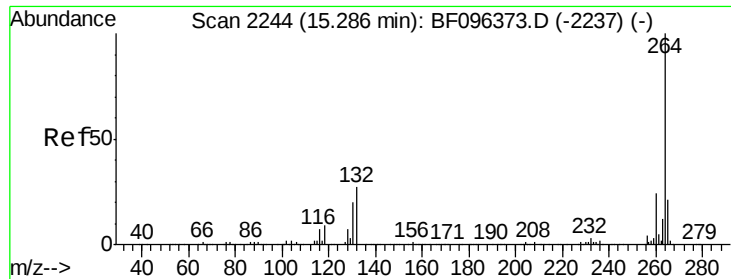
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 13.6 10.3 15.5

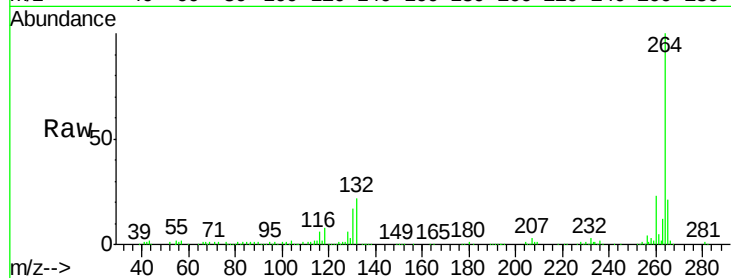




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Instrument :
BNA_F
ClientSampleId :
EP-22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.6	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

