

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096819.D
 Acq On : 17 Jul 2017 15:09
 Operator : SJ/JU
 Sample : I4188-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1(0-10)COMP

Quant Time: Jul 17 16:39:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

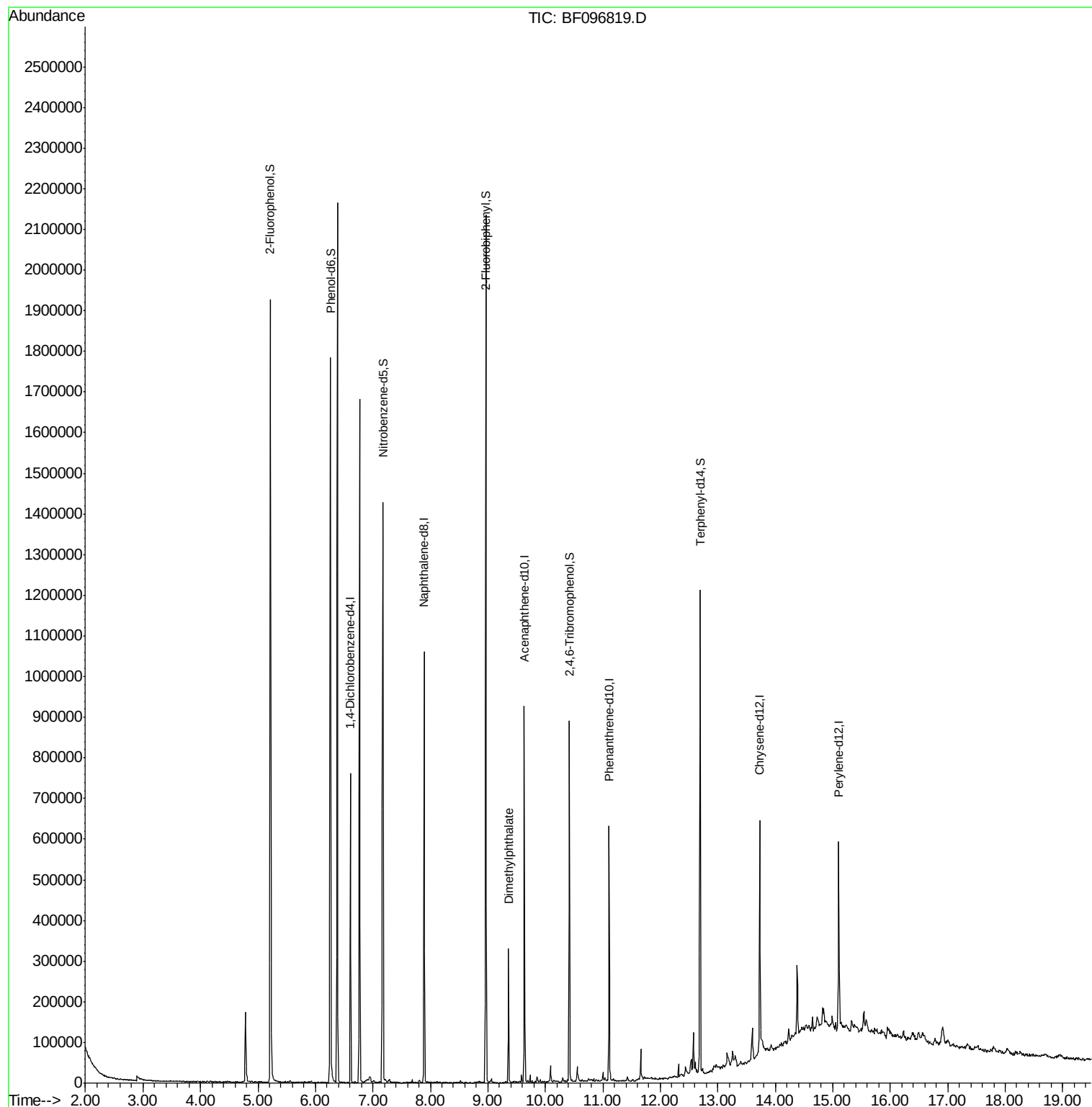
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	100319	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	447266	20.00	ng	-0.03
38) Acenaphthene-d10	9.63	164	168483	20.00	ng	-0.04
63) Phenanthrene-d10	11.11	188	208993	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	175674	20.00	ng	-0.04
86) Perylene-d12	15.10	264	184960	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	572291	85.78	ng	-0.02
7) Phenol-d6	6.26	99	650063	81.19	ng	-0.02
23) Nitrobenzene-d5	7.17	82	435966	60.38	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	95970	66.73	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	700410	65.68	ng	-0.03
78) Terphenyl-d14	12.69	244	335955	33.17	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.36	163	121308	9.562	ng	Qvalue 99

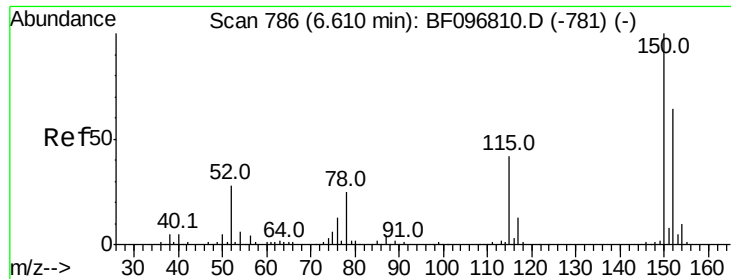
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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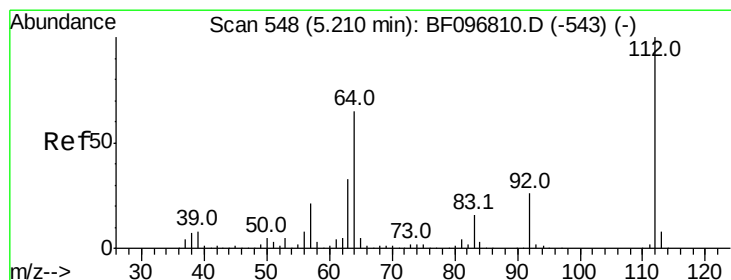
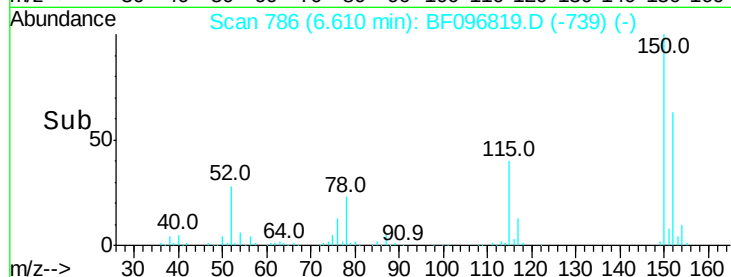
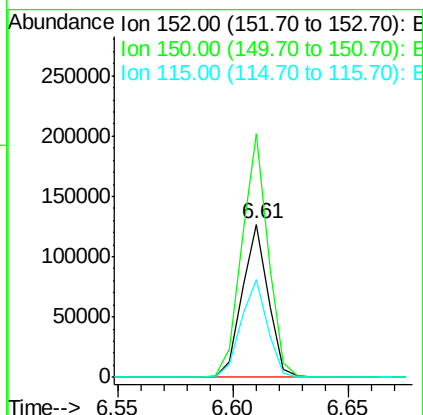
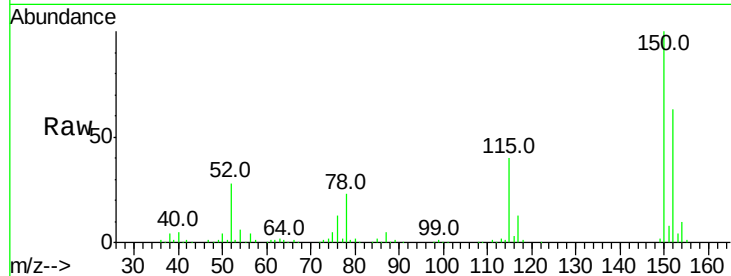


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

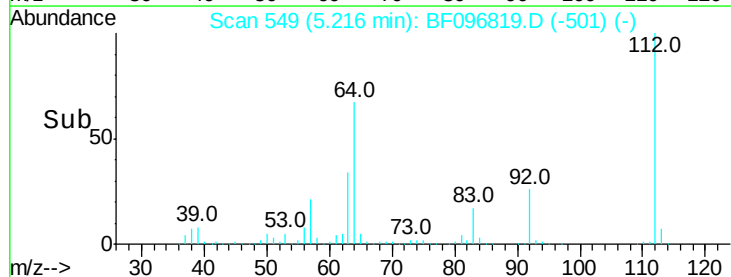
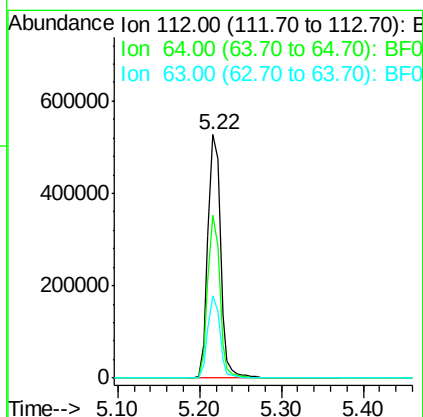
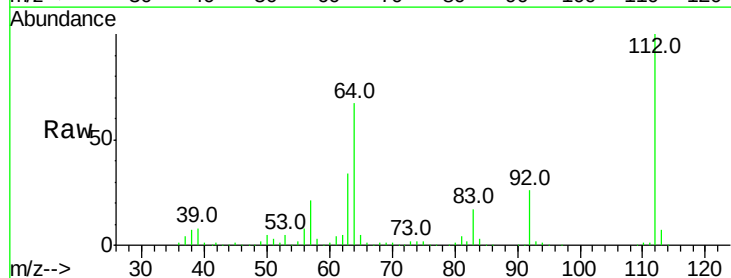
Tot Ion:152 Resp: 100319
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 63.5 52.2 78.2

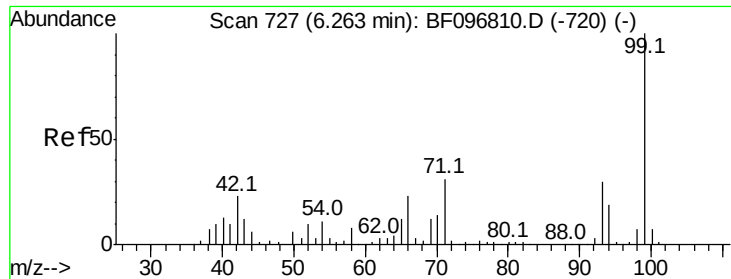


#5

2-Fluorophenol
Concen: 85.775 ng
RT: 5.22 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Tgt Ion:112 Resp: 572291
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 81.191 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

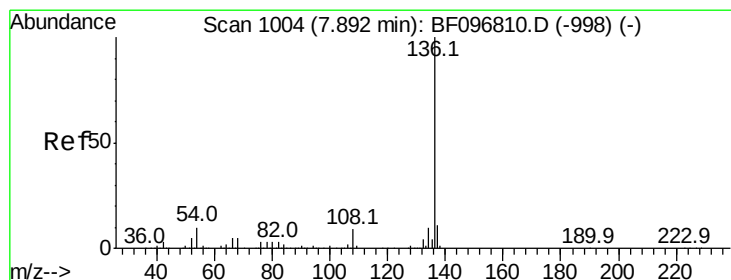
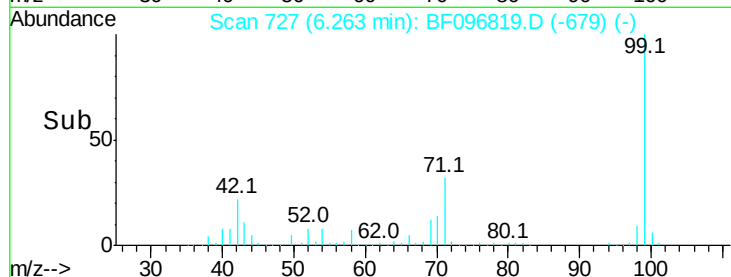
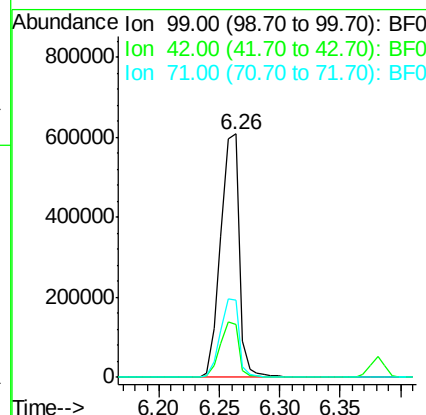
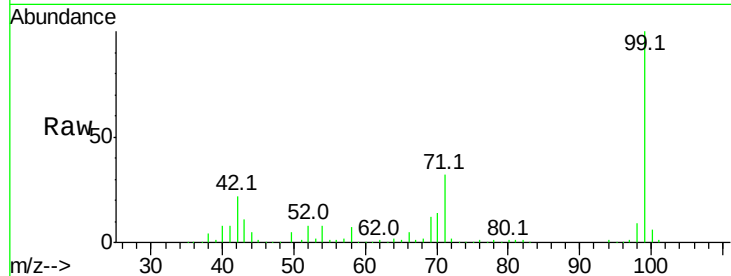
Tot Ion: 99 Resp: 650063

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

71 31.9 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Tgt Ion: 136 Resp: 447266

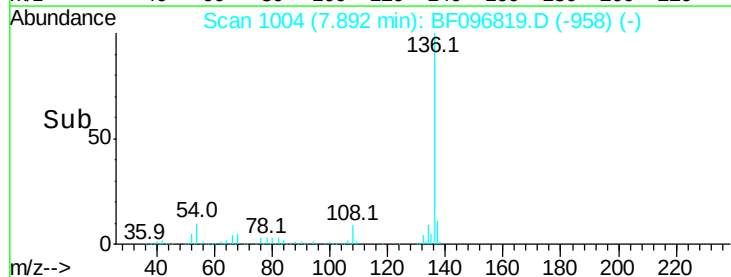
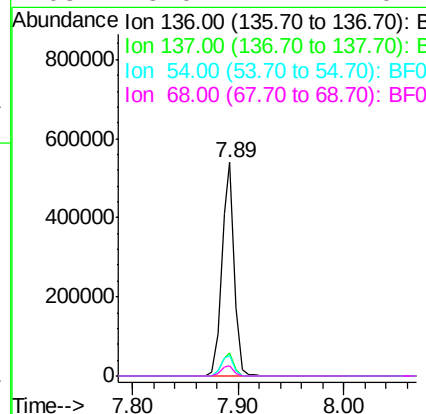
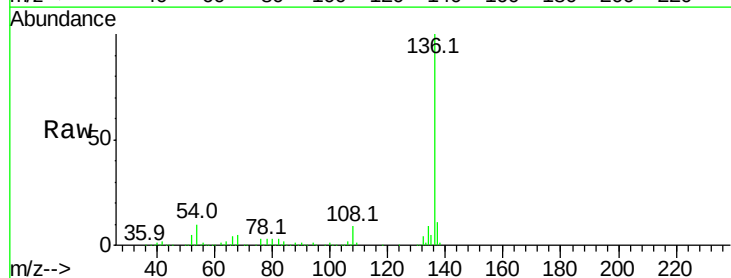
Ion Ratio Lower Upper

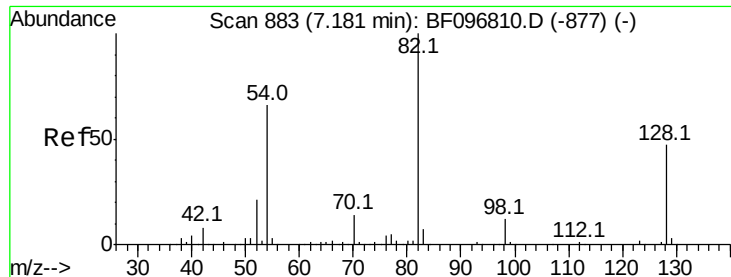
136 100

137 10.5 8.5 12.7

54 9.6 4.9 7.3#

68 5.0 4.1 6.1

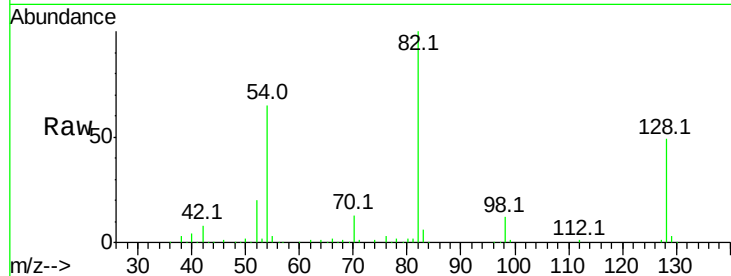




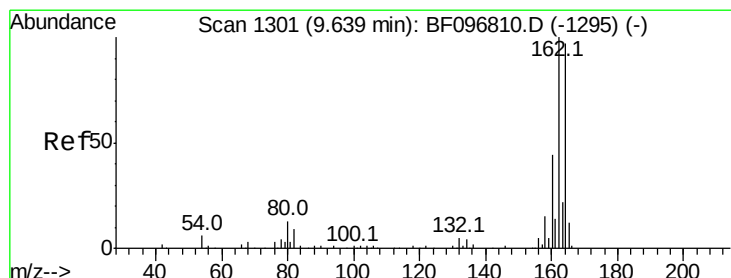
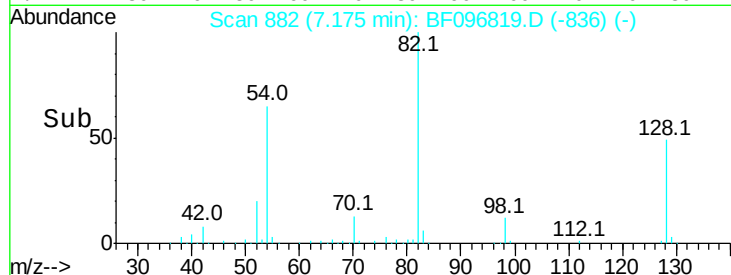
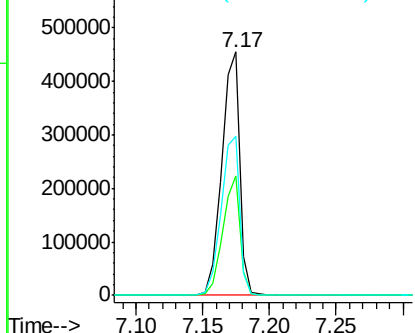
#23
Nitrobenzene-d5
Concen: 60.376 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

Tot Ion: 82 Resp: 435966
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 65.1 42.2 63.2#

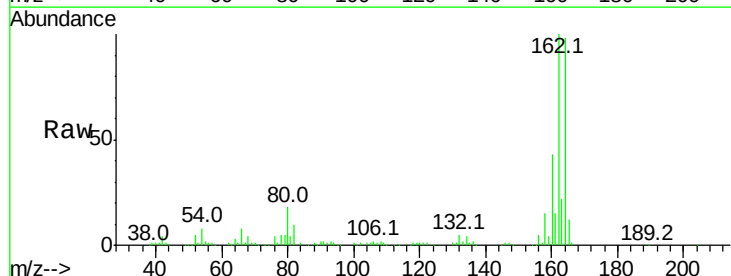


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

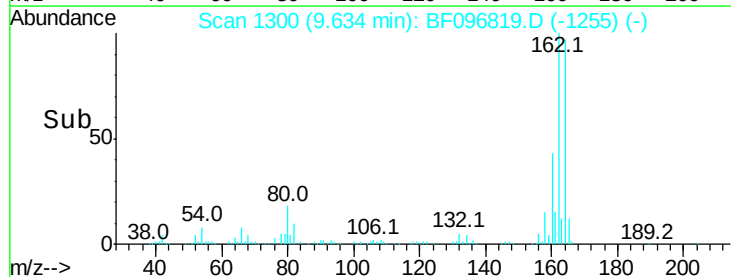
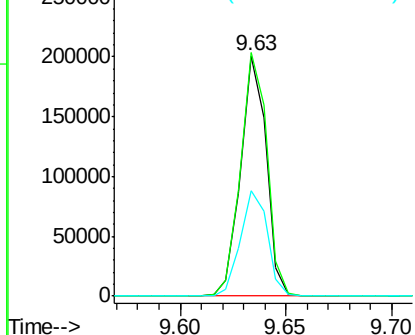


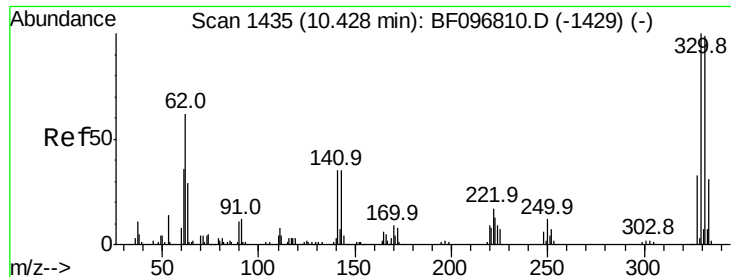
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Tgt Ion:164 Resp: 168483
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 43.9 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: 66.732 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

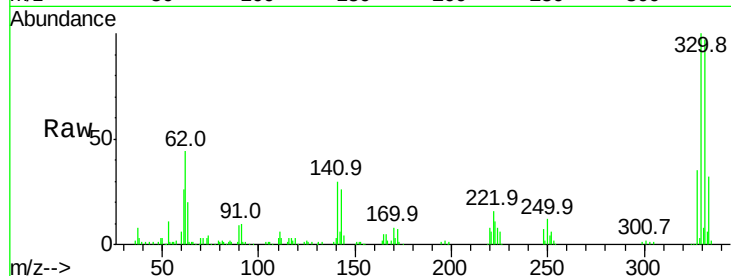
Tot Ion:330 Resp: 95970

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

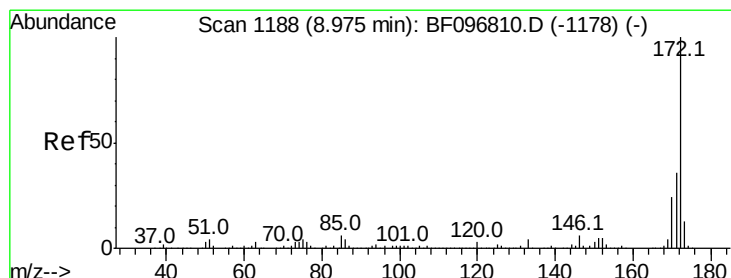
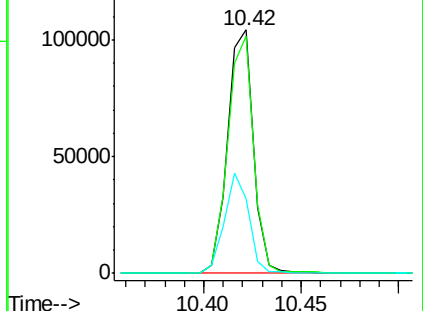
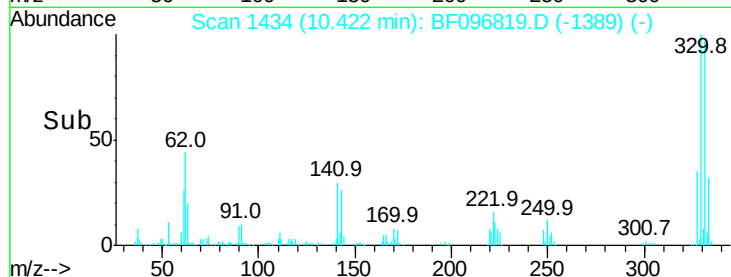
141 38.8 31.4 47.2



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: 65.680 ng

RT: 8.97 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

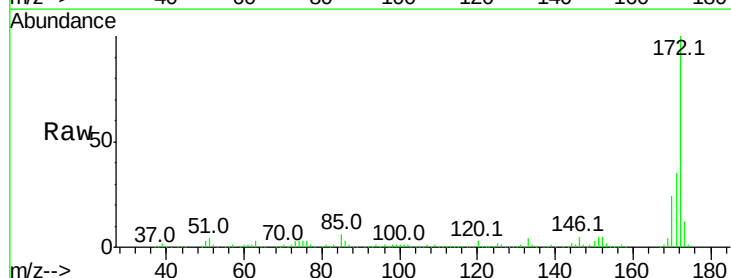
Tgt Ion:172 Resp: 700410

Ion Ratio Lower Upper

172 100

171 34.6 29.6 44.4

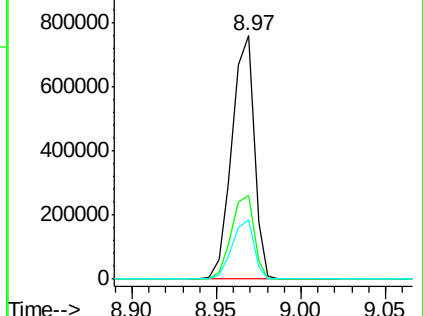
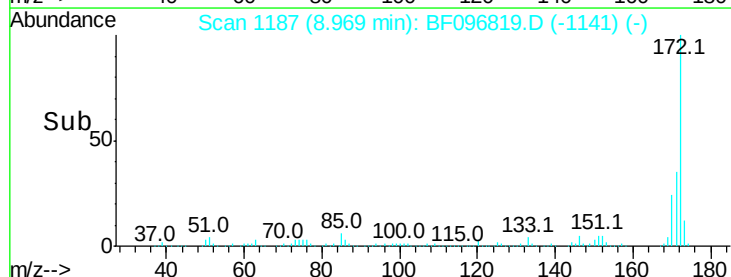
170 24.2 19.8 29.8

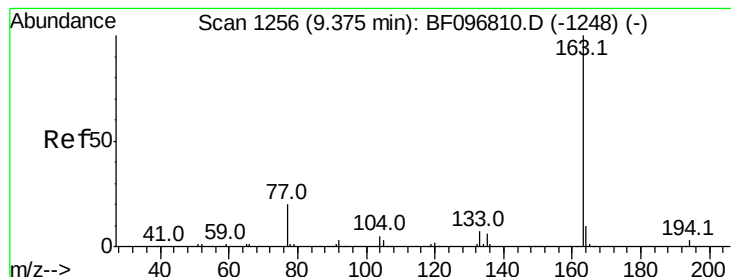


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.562 ng

RT: 9.36 min Scan# 1253

Delta R.T. -0.05 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

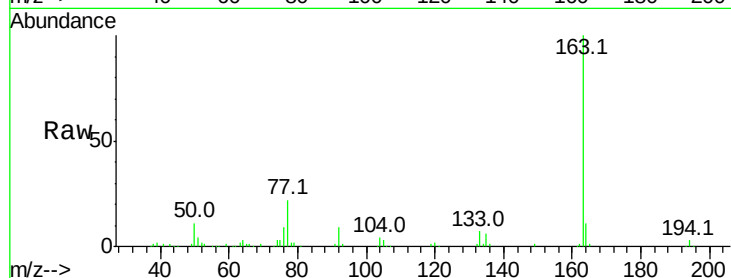
Tot Ion:163 Resp: 121308

Ion Ratio Lower Upper

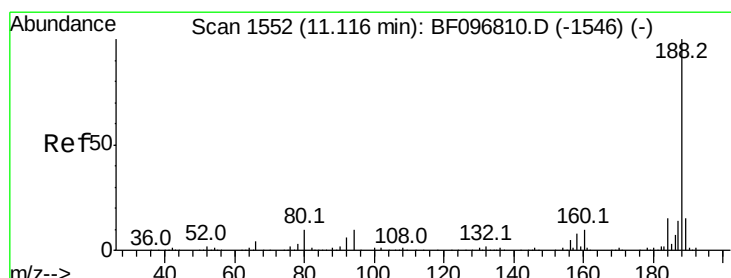
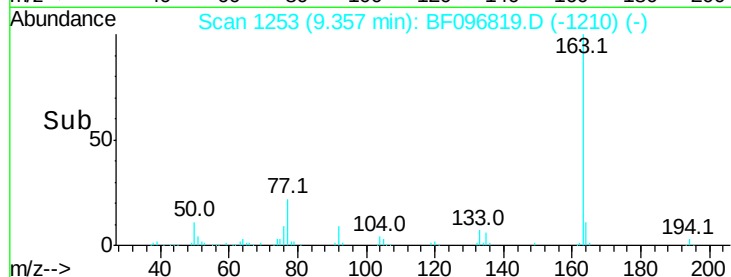
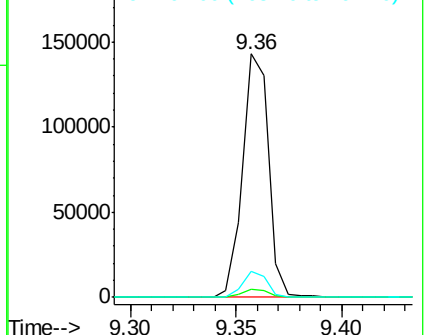
163 100

194 3.3 2.6 4.0

164 10.8 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: 11.11 min Scan# 1551

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

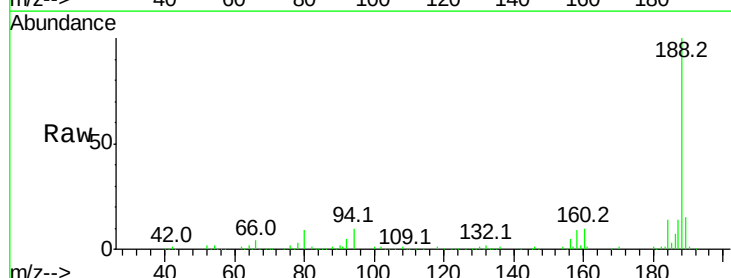
Tgt Ion:188 Resp: 208993

Ion Ratio Lower Upper

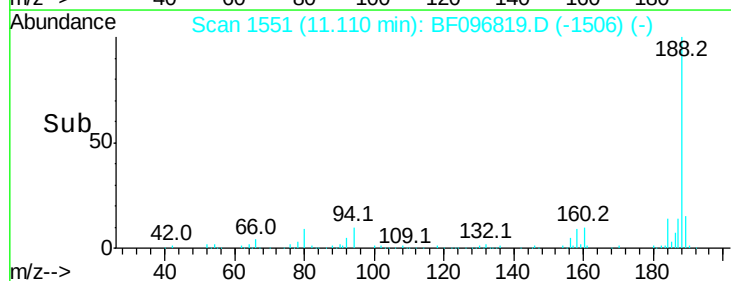
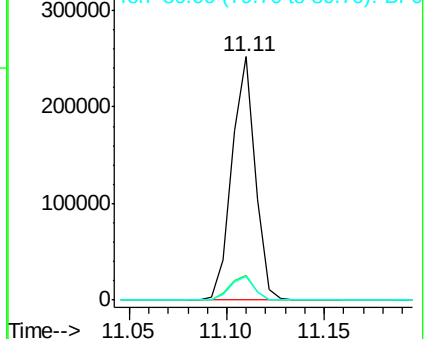
188 100

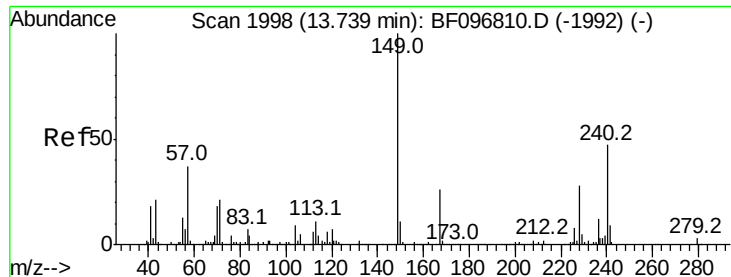
94 10.1 9.4 14.2

80 9.4 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# 1997

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

Instrument :

BNA_F

ClientSampleId :

B1(0-10)COMP

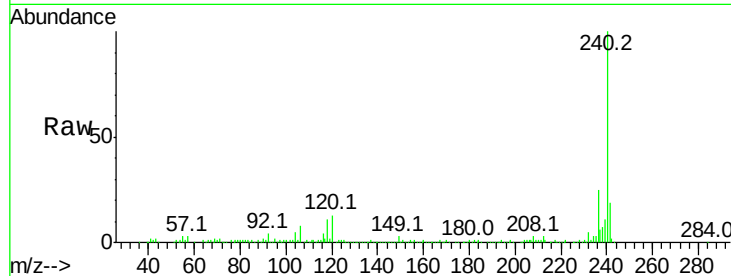
Tot Ion:240 Resp: 175674

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

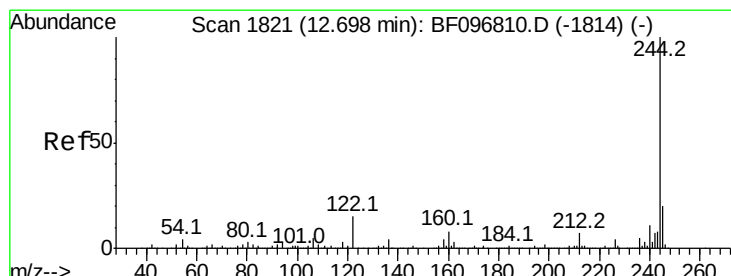
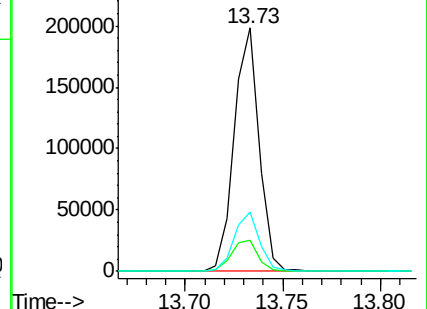
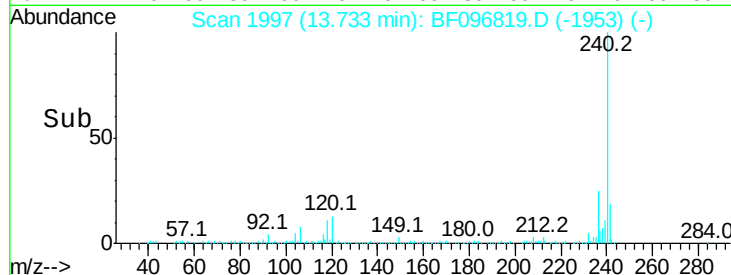
236 24.5 20.5 30.7



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: 33.166 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BF096819.D

Acq: 17 Jul 2017 15:09

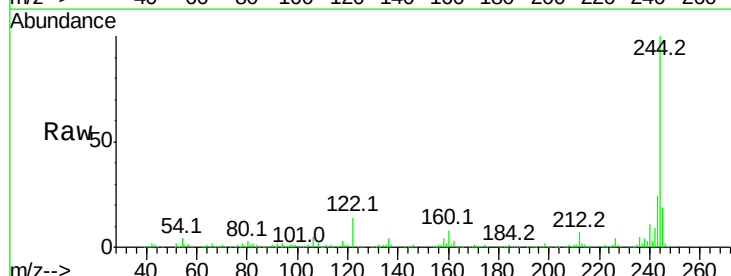
Tgt Ion:244 Resp: 335955

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

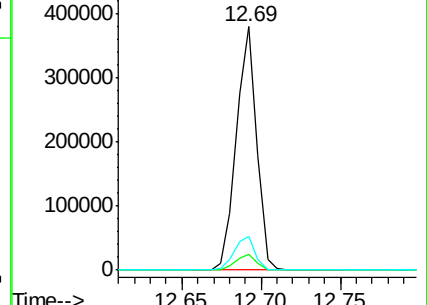
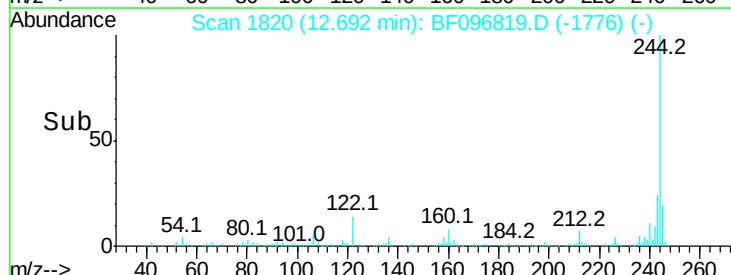
122 13.7 10.3 15.5

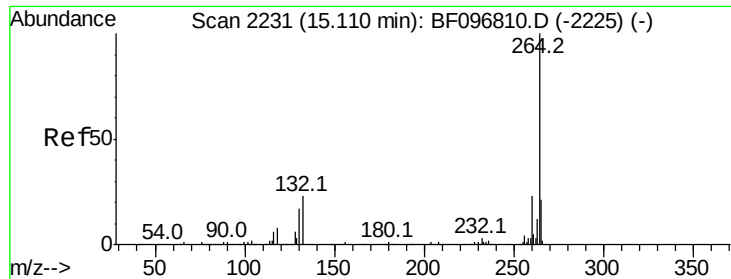


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

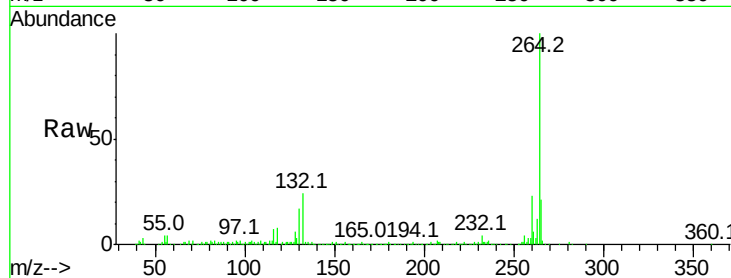




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.05 min
Lab File: BF096819.D
Acq: 17 Jul 2017 15:09

Instrument :
BNA_F
ClientSampleId :
B1(0-10)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.0	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

