

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097888.D
 Acq On : 19 Aug 2017 19:36
 Operator : SJ/JU
 Sample : I4838-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

Quant Time: Aug 21 04:51:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

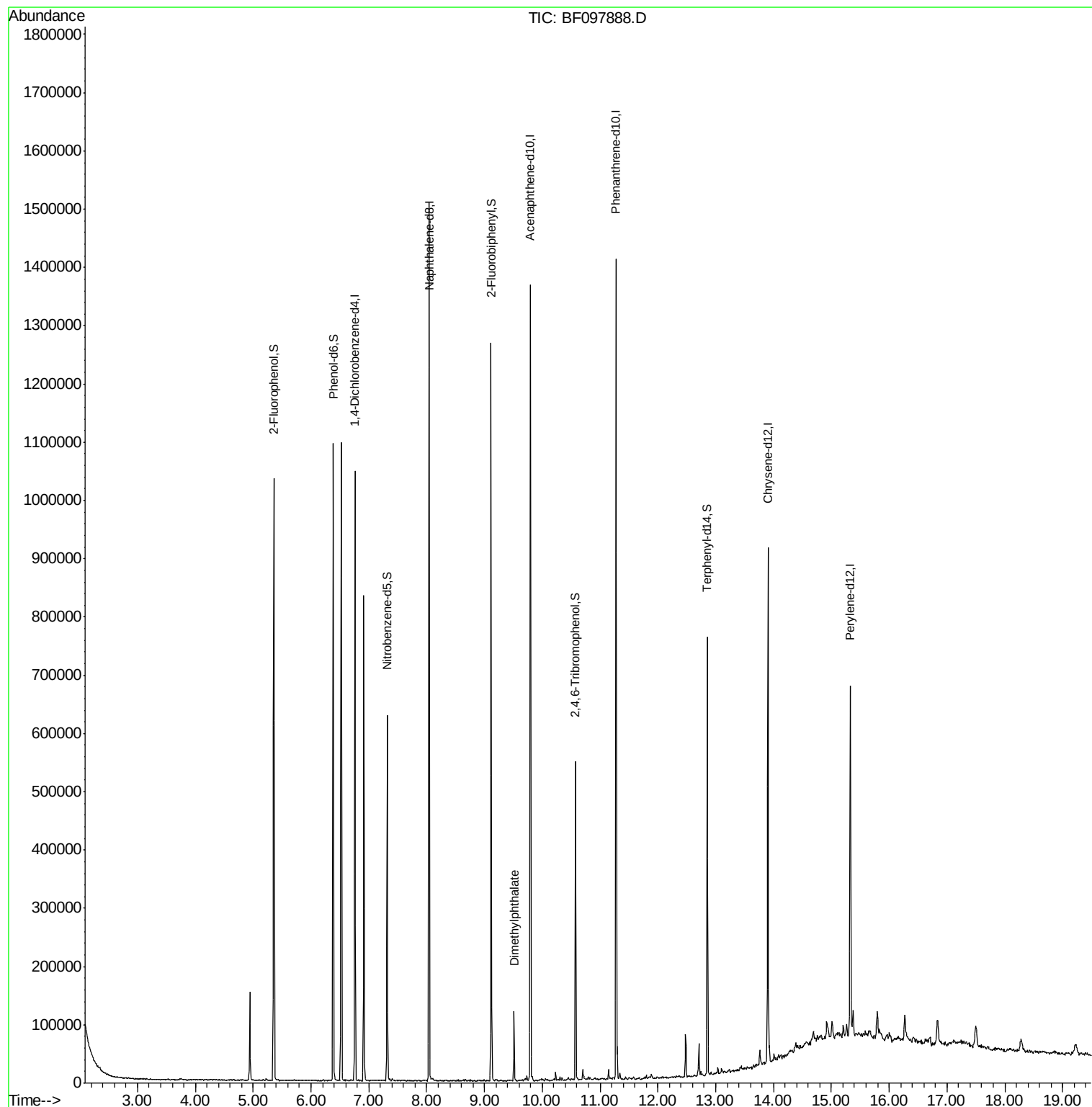
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	152476	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	620524	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	267936	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	448335	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	275870	20.00	ng	-0.04
86) Perylene-d12	15.33	264	264126	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	252864	25.23	ng	-0.03
7) Phenol-d6	6.39	99	356294	26.16	ng	-0.02
23) Nitrobenzene-d5	7.32	82	216435	18.95	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	47755	20.54	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	342282	18.77	ng	-0.03
78) Terphenyl-d14	12.86	244	184118	13.92	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.51	163	41151	2.101	ng	Qvalue 98

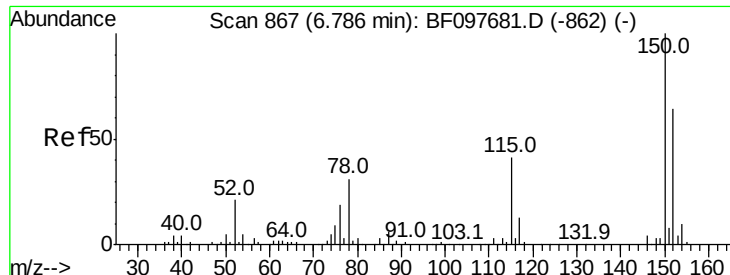
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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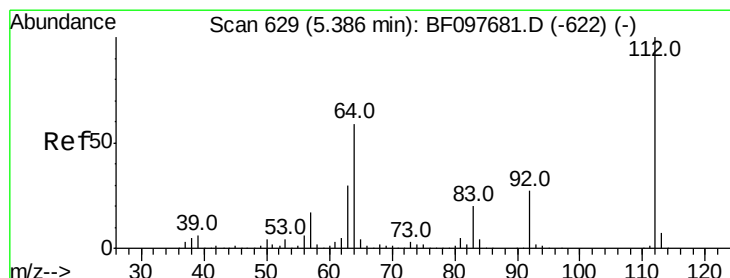
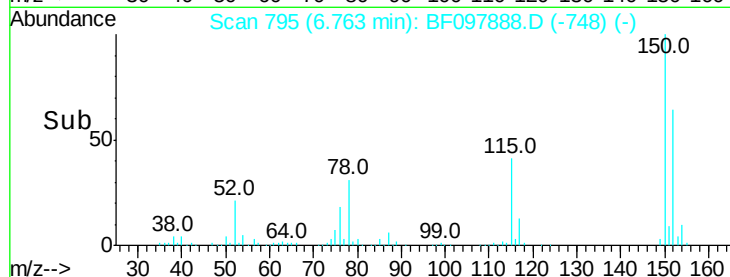
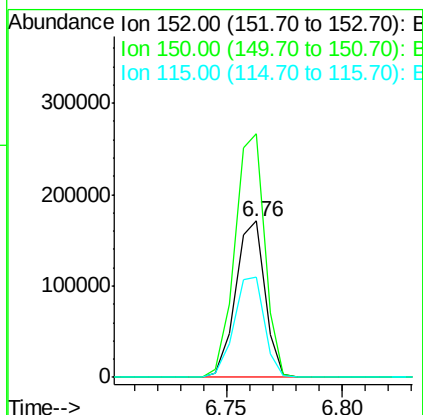
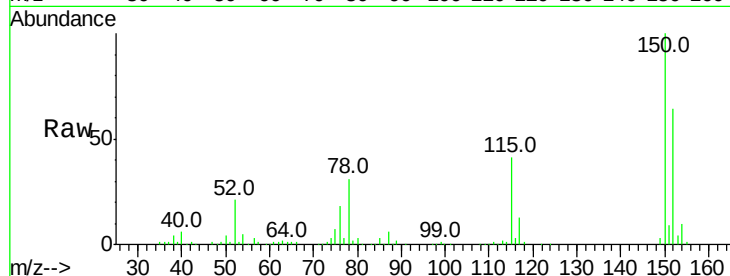


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

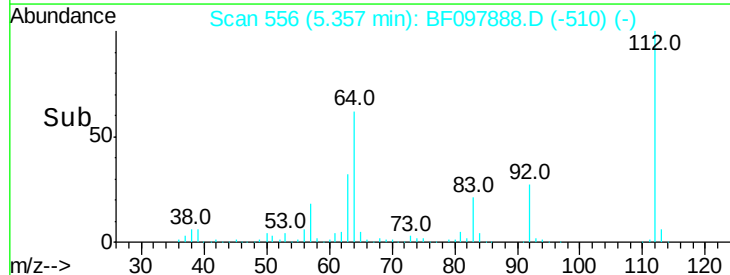
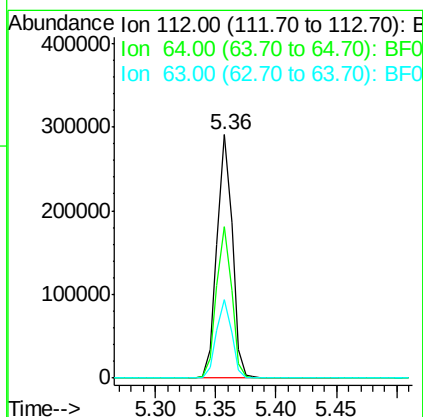
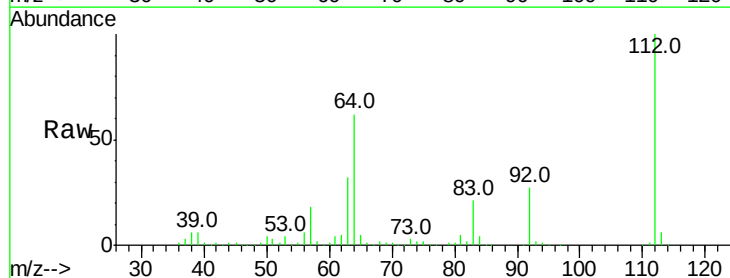
Tot Ion:152 Resp: 152476
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.2 189.2
 115 64.3 52.2 78.2

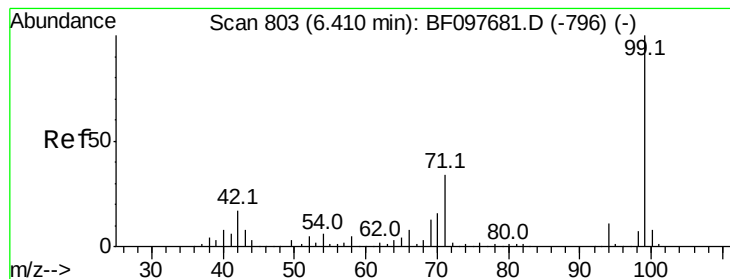


#5

2-Fluorophenol
 Concen: 25.225 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

Tgt Ion:112 Resp: 252864
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.0 69.0
 63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 26.160 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

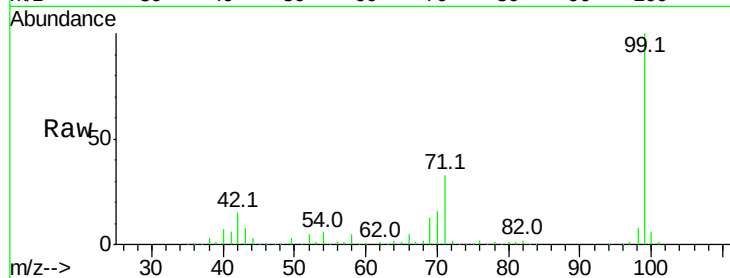
Tot Ion: 99 Resp: 356294

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

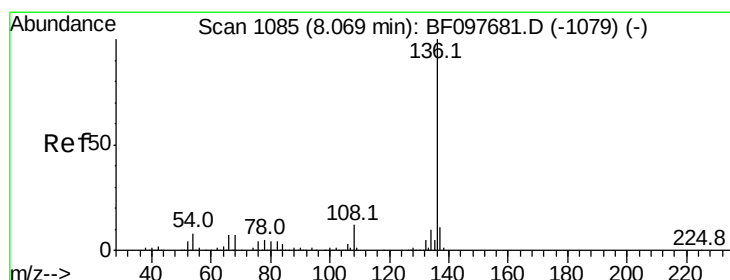
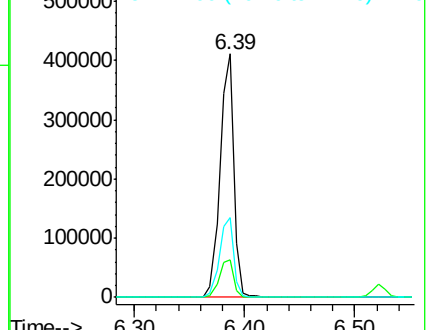
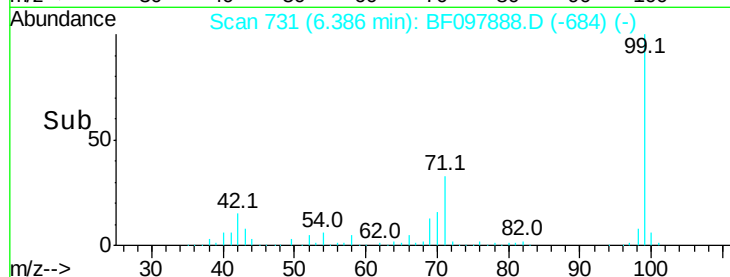
71 32.6 24.5 36.7



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: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Tgt Ion: 136 Resp: 620524

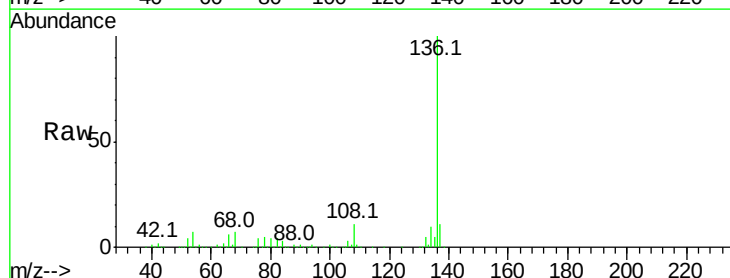
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 6.9 4.1 6.1#

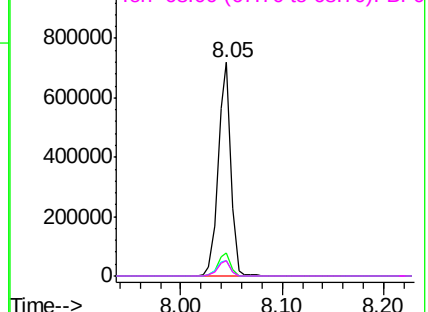
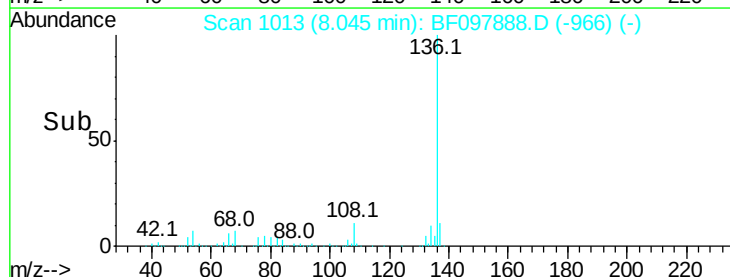


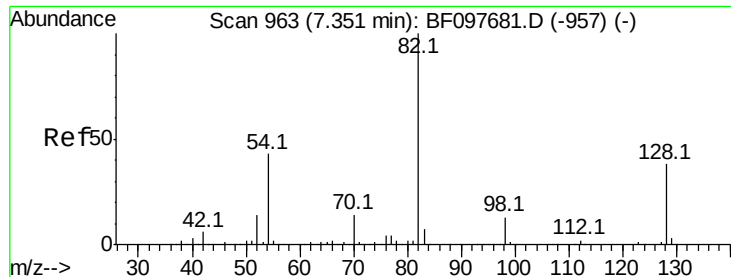
Abundance Ion 136.00 (135.70 to 136.70): E

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

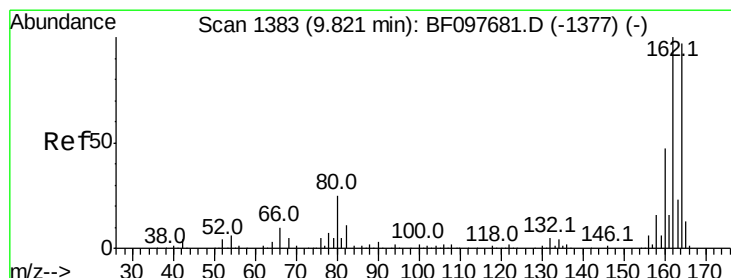
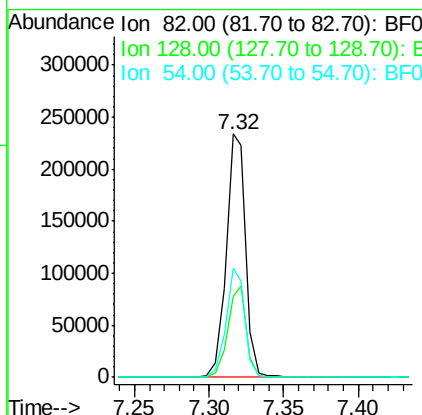
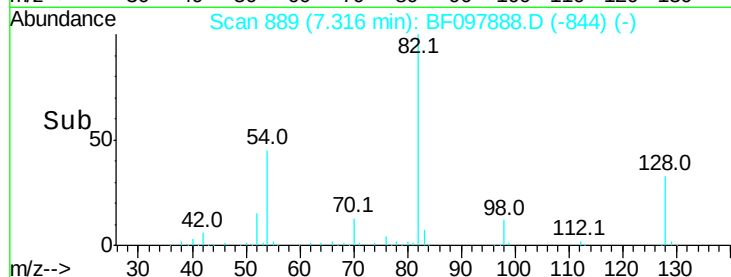
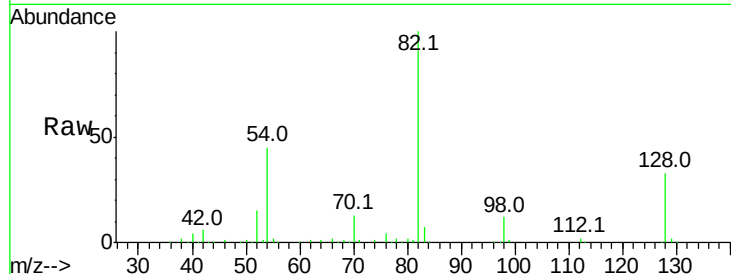




#23
 Nitrobenzene-d5
 Concen: 18.948 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

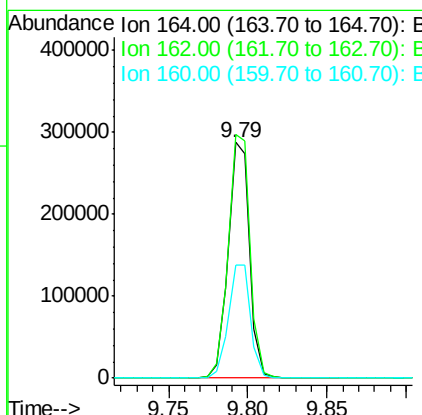
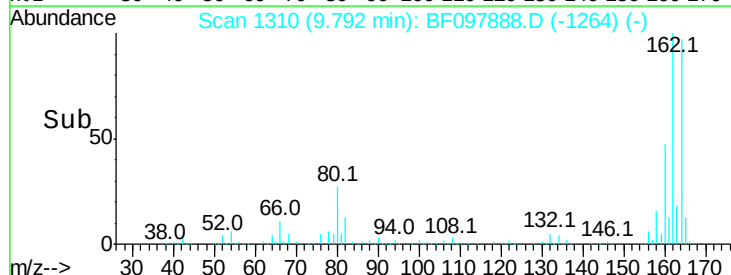
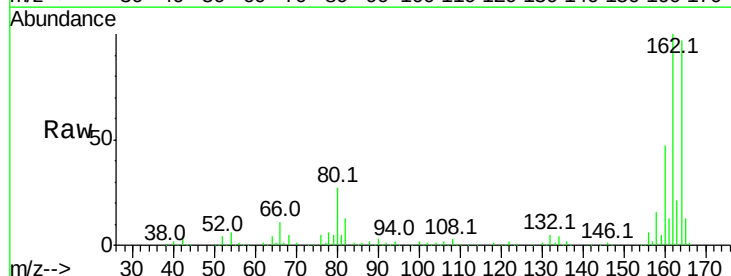
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-TP-106-F(0-5)COMP

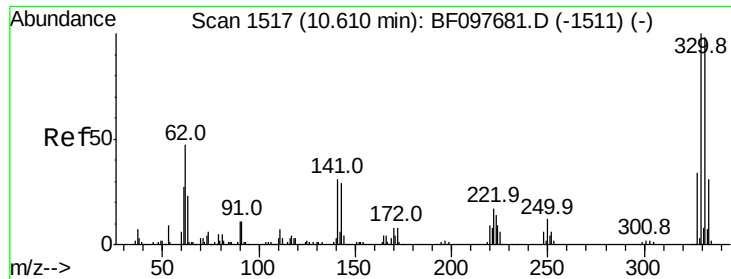
Tot Ion: 82 Resp: 216435
 Ion Ratio Lower Upper
 82 100
 128 33.4 34.0 51.0#
 54 44.6 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF097888.D
 Acq: 19 Aug 2017 19:36

Tgt Ion:164 Resp: 267936
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 48.1 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 20.542 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.03 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

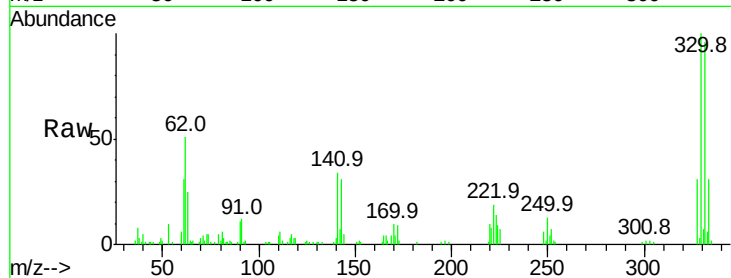
Tot Ion:330 Resp: 47755

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

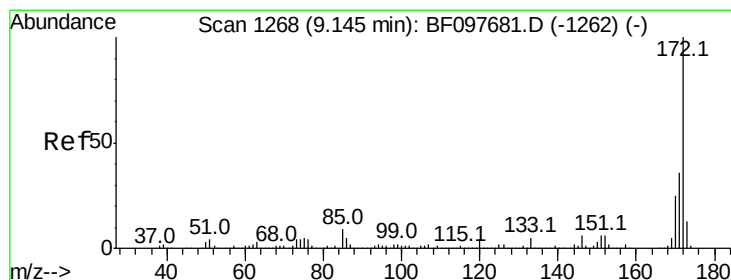
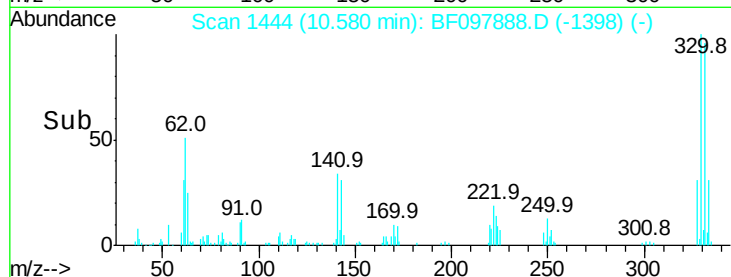
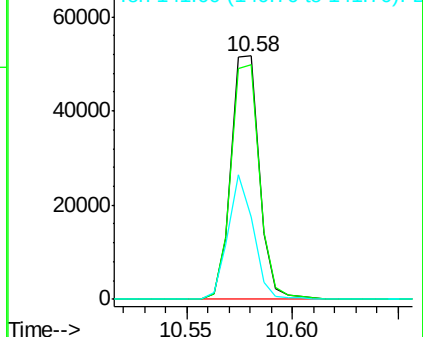
141 45.6 31.4 47.2



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: 18.769 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

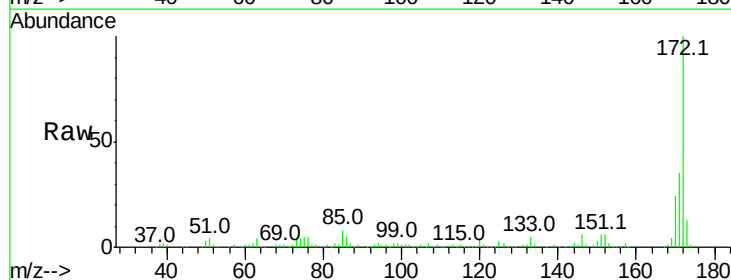
Tgt Ion:172 Resp: 342282

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

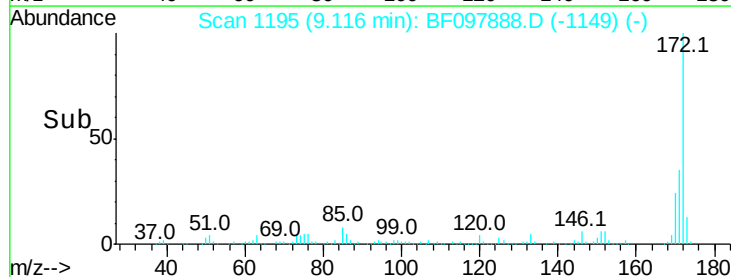
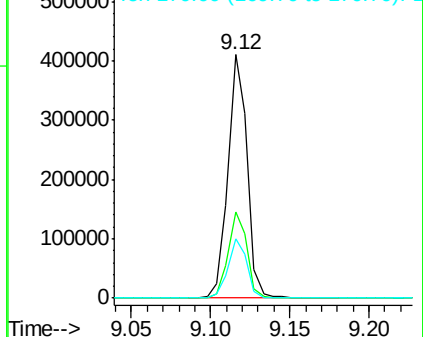
170 24.1 19.8 29.8

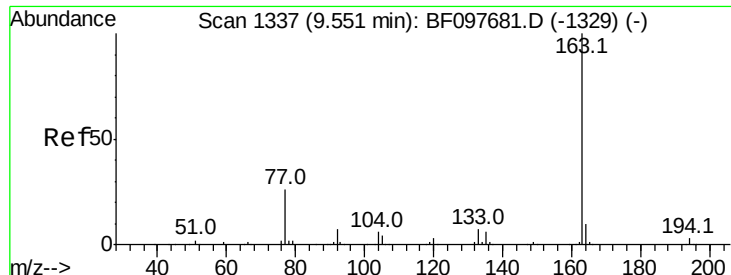


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

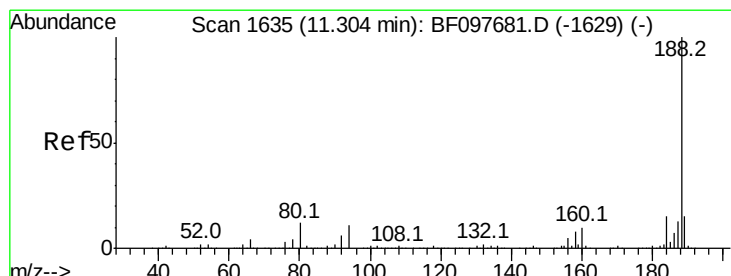
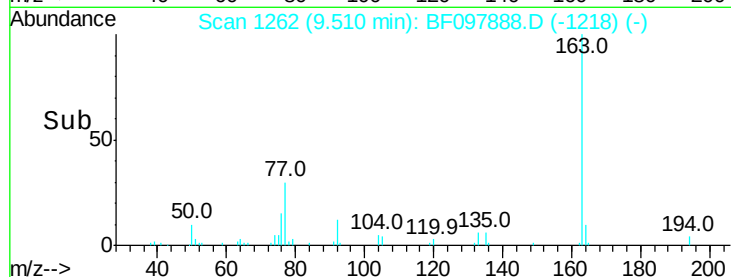
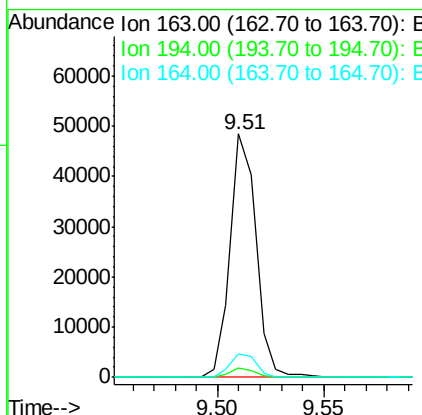
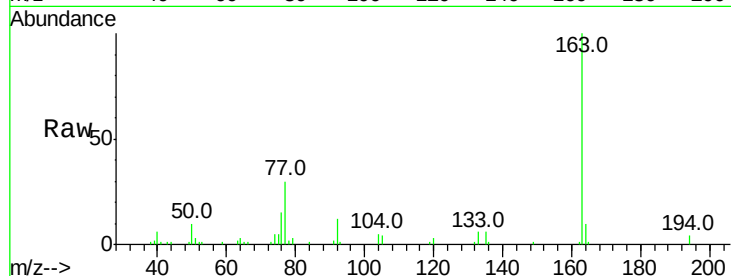




#49
Dimethylphthalate
Concen: 2.101 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

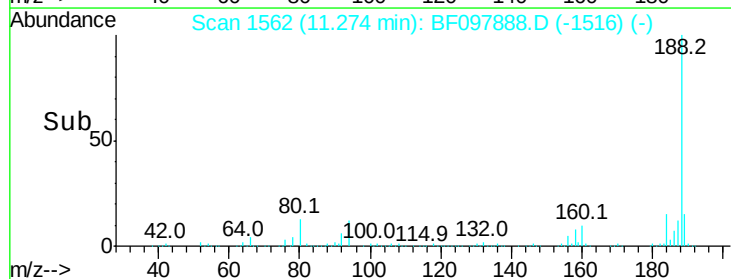
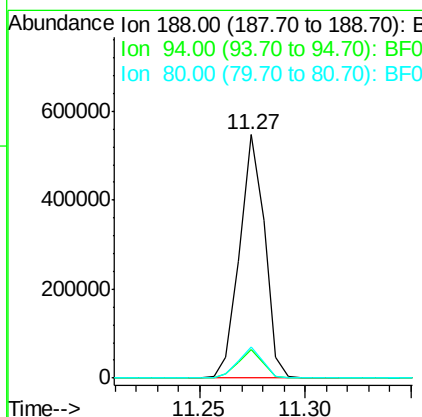
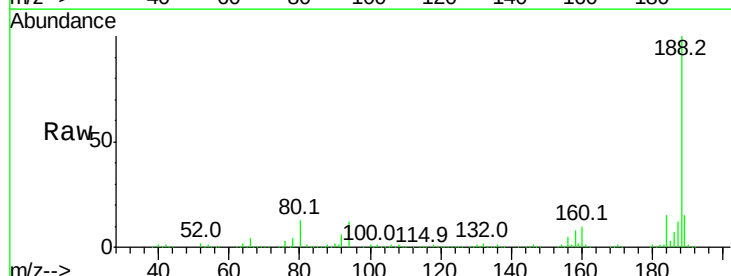
Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

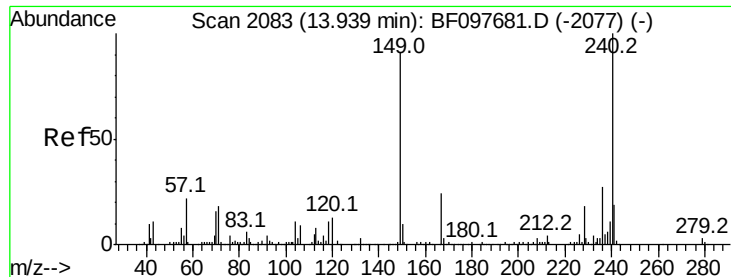
Tot Ion:163 Resp: 41151
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.9 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

Tgt Ion:188 Resp: 448335
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 13.0 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.04 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

Instrument :

BNA_F

ClientSampleId :

SASP2P-TP-106-F(0-5)COMP

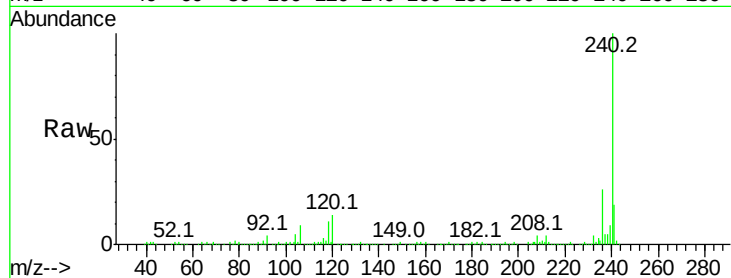
Tot Ion:240 Resp: 275870

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

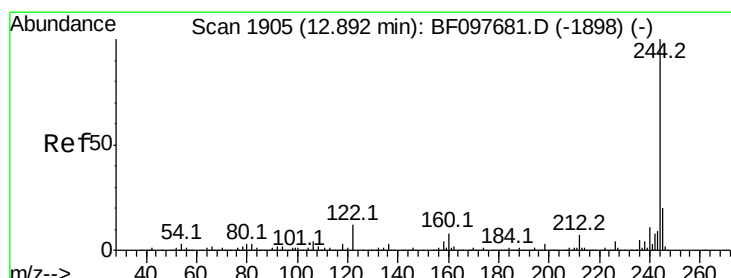
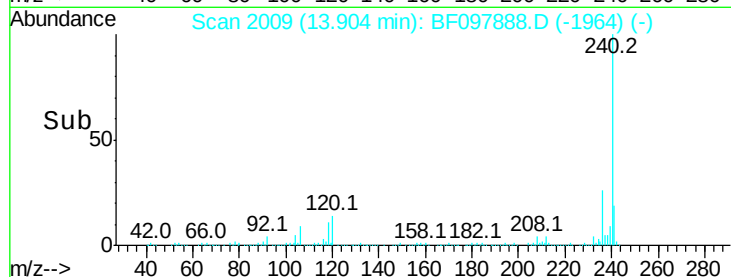
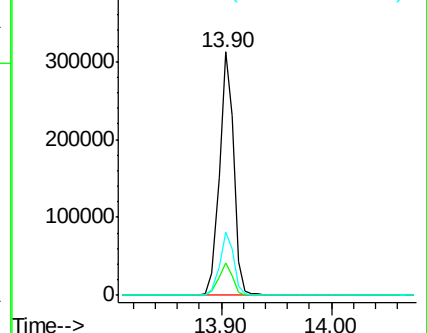
236 25.8 20.5 30.7



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: 13.918 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BF097888.D

Acq: 19 Aug 2017 19:36

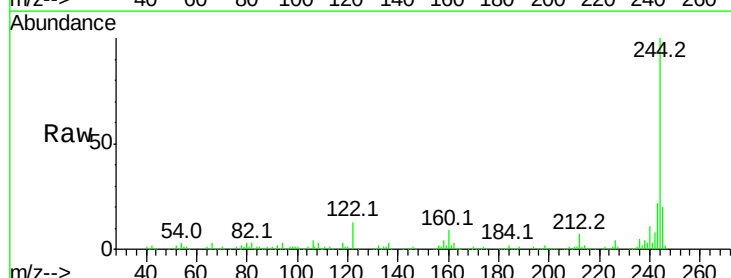
Tgt Ion:244 Resp: 184118

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

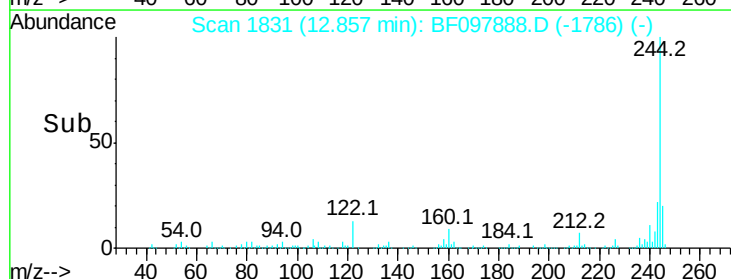
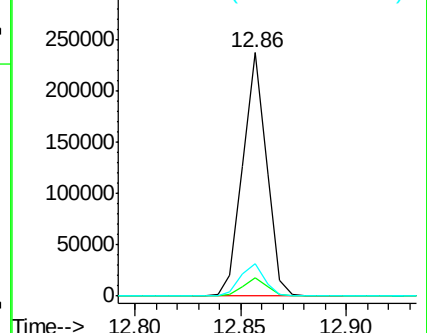
122 13.2 10.3 15.5

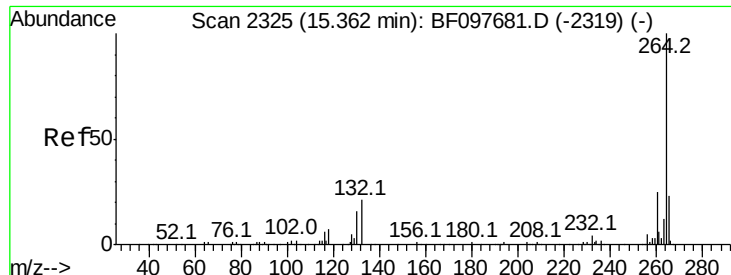


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

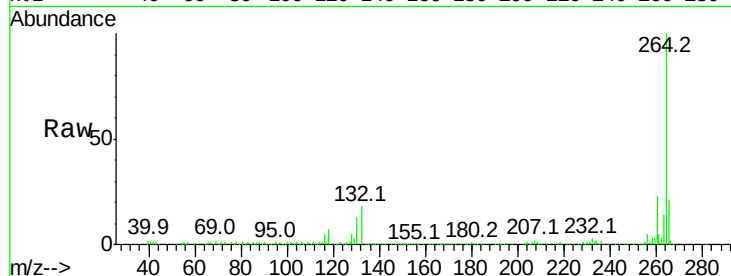




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097888.D
Acq: 19 Aug 2017 19:36

Instrument :
BNA_F
ClientSampleId :
SASP2P-TP-106-F(0-5)COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.9	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

