

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097969.D
 Acq On : 22 Aug 2017 22:31
 Operator : SJ/JU
 Sample : I4872-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Aug 23 02:24:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

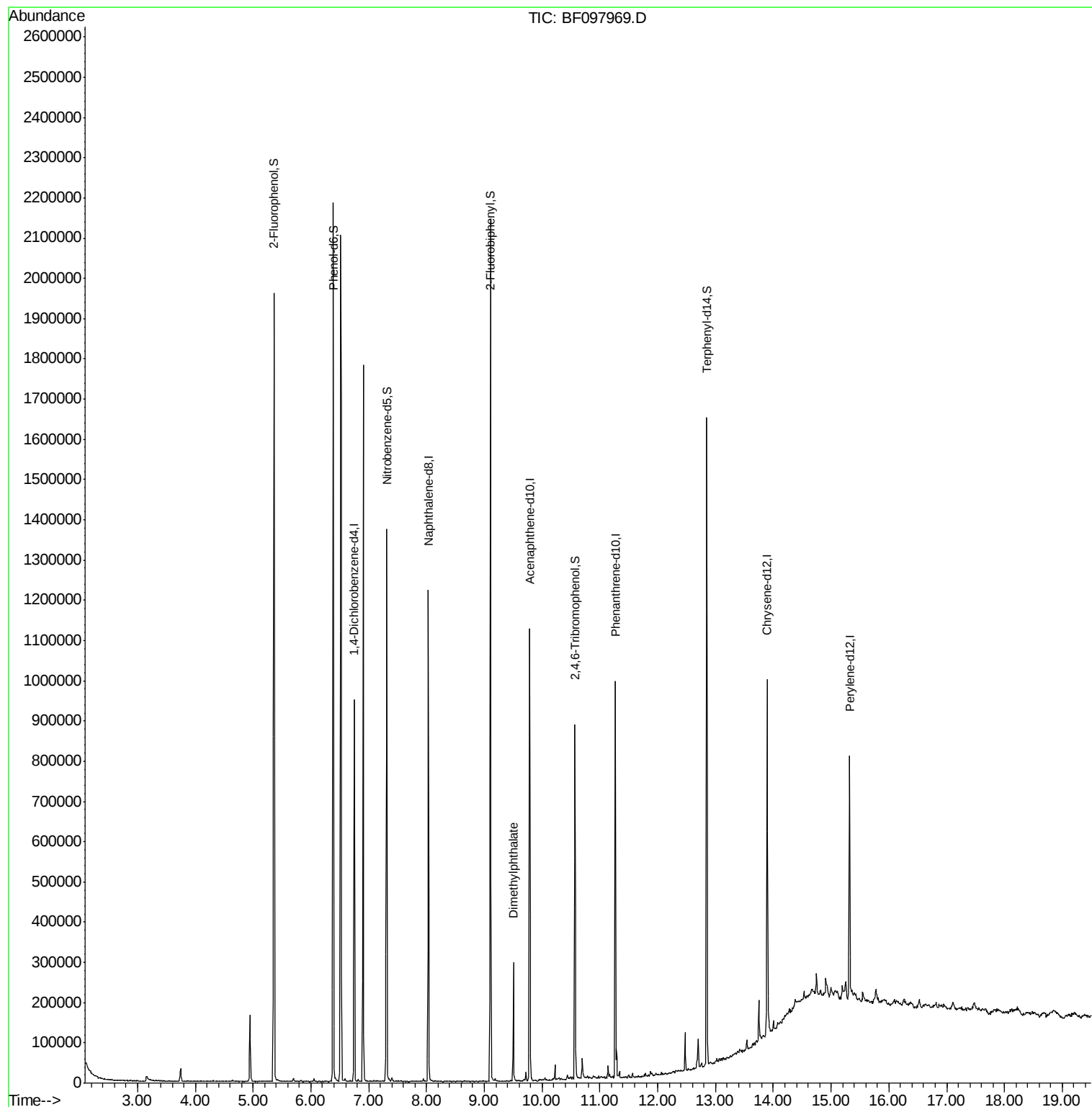
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	132348	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	518965	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	217048	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	354147	20.00	ng	0.00
75) Chrysene-d12	13.90	240	277358	20.00	ng	0.00
86) Perylene-d12	15.32	264	252156	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	558994	64.25	ng	0.01
7) Phenol-d6	6.39	99	748714	63.33	ng	0.00
23) Nitrobenzene-d5	7.31	82	480462	50.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	79217	42.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	658341	44.56	ng	0.00
78) Terphenyl-d14	12.85	244	426622	32.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	104959	6.616	ng	Qvalue 98

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

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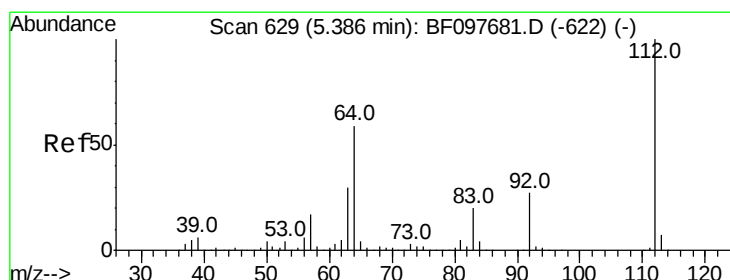
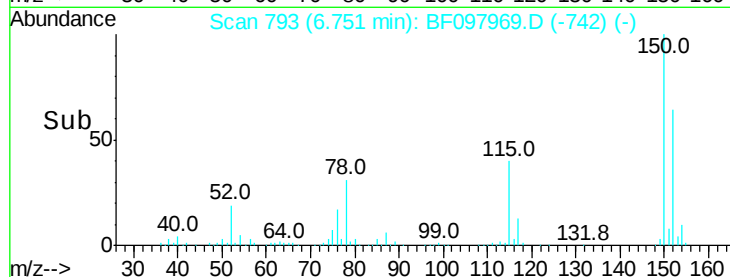
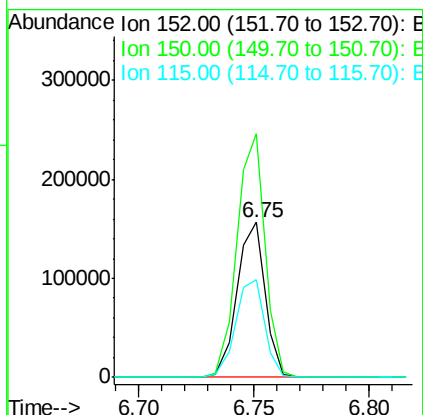
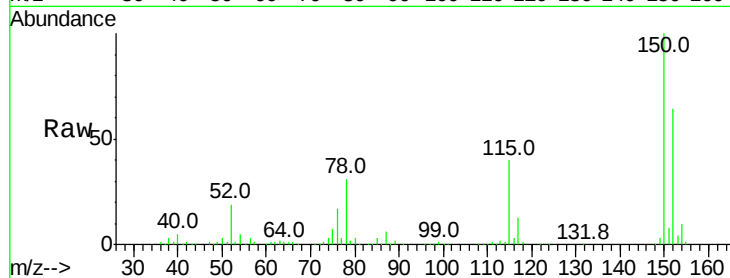


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF097969.D
 Acq: 22 Aug 2017 22:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

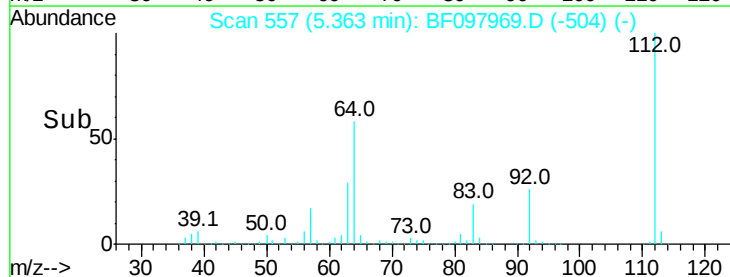
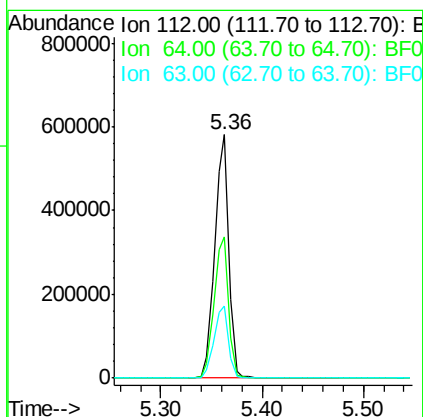
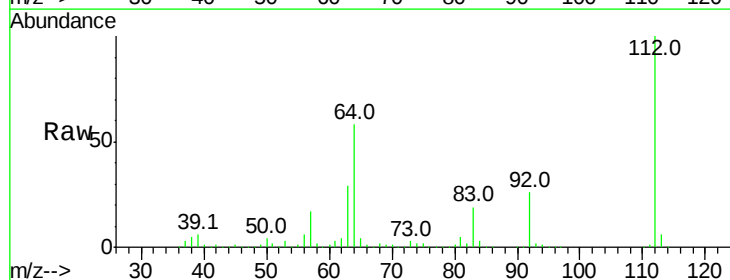
Tot Ion:152 Resp: 132348
 Ion Ratio Lower Upper
 152 100
 150 157.4 126.2 189.2
 115 62.9 52.2 78.2

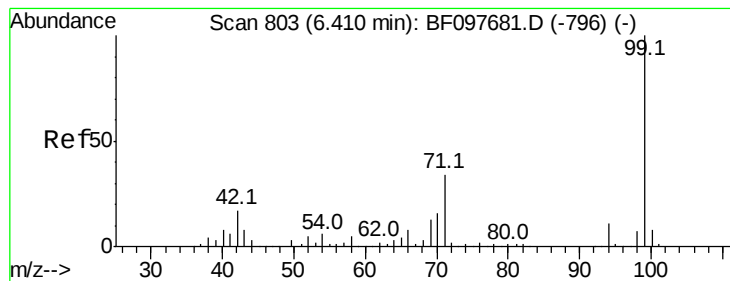


#5

2-Fluorophenol
 Concen: 64.245 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF097969.D
 Acq: 22 Aug 2017 22:31

Tgt Ion:112 Resp: 558994
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.0 69.0
 63 29.5 23.4 35.0





#7

Phenol-d6

Concen: 63.332 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

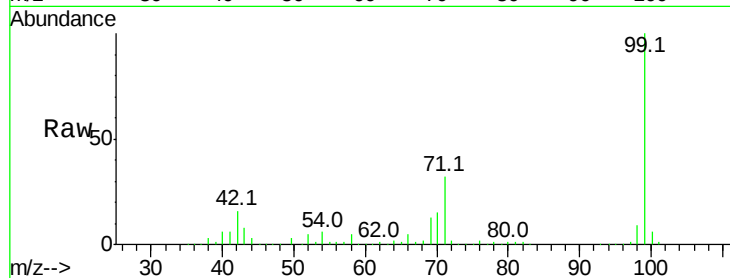
Tot Ion: 99 Resp: 748714

Ion Ratio Lower Upper

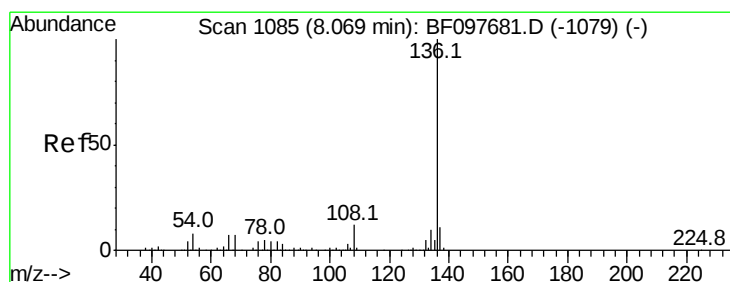
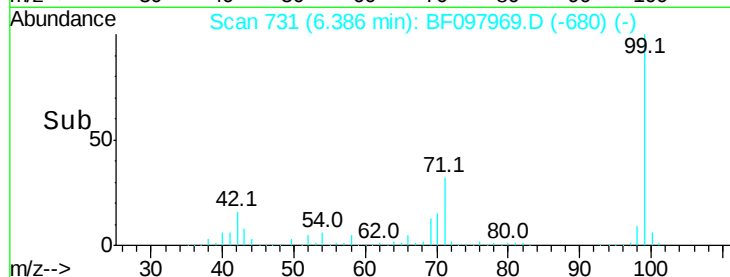
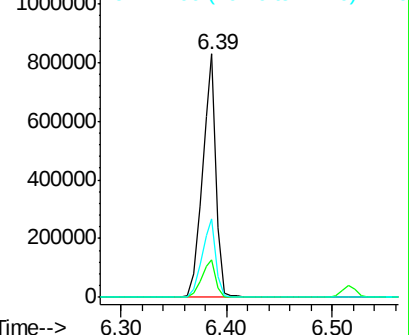
99 100

42 15.7 13.5 20.3

71 32.0 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: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Tgt Ion: 136 Resp: 518965

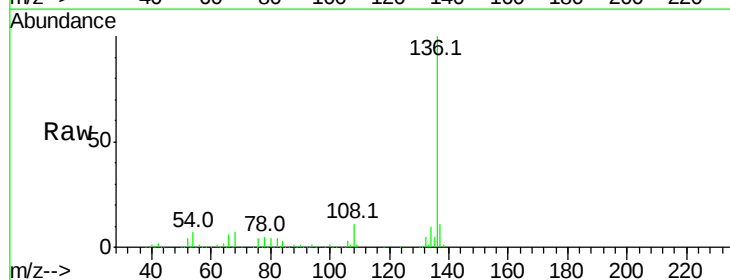
Ion Ratio Lower Upper

136 100

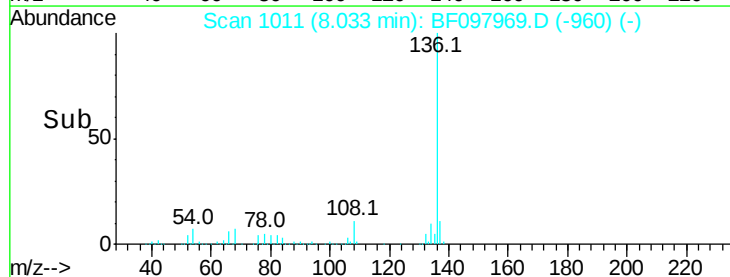
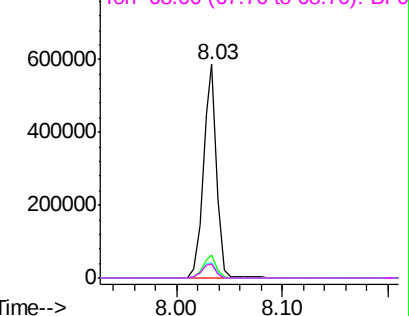
137 10.8 8.5 12.7

54 7.3 4.9 7.3

68 6.8 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

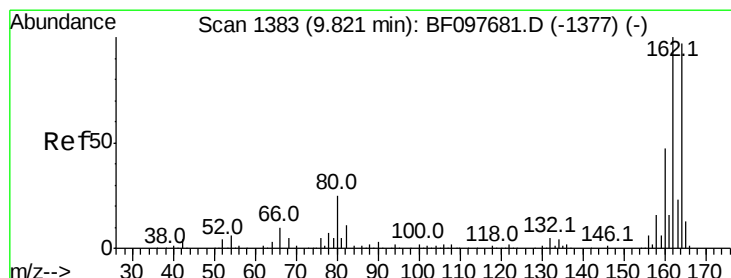
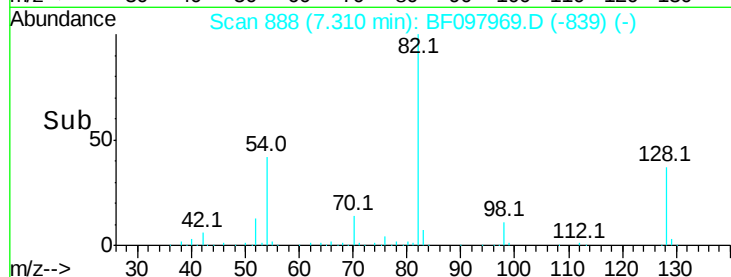
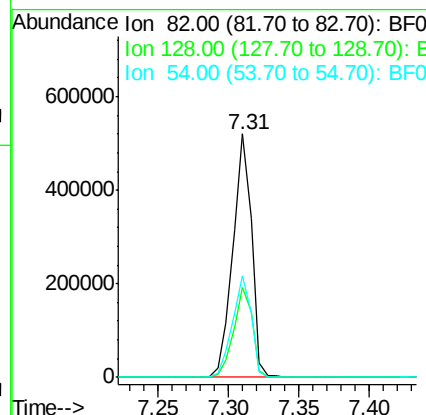
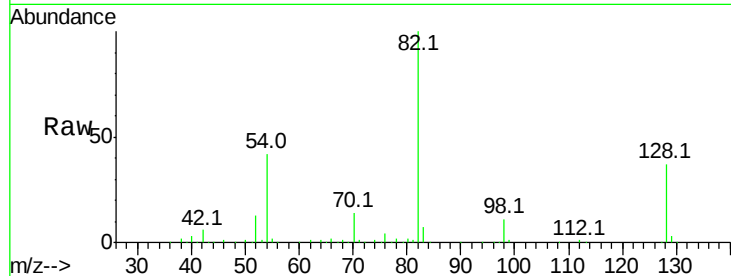




#23
 Nitrobenzene-d5
 Concen: 50.294 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097969.D
 Acq: 22 Aug 2017 22:31

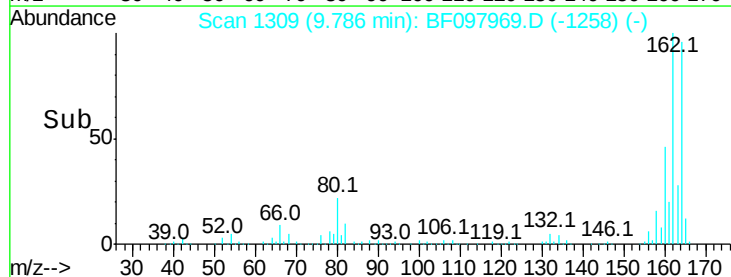
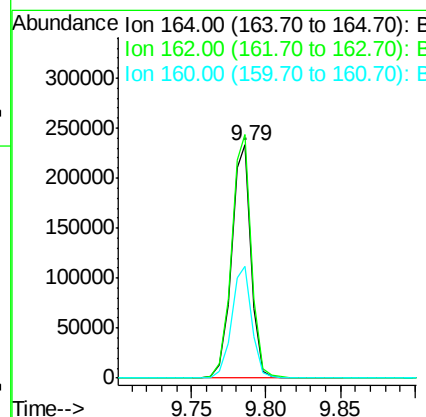
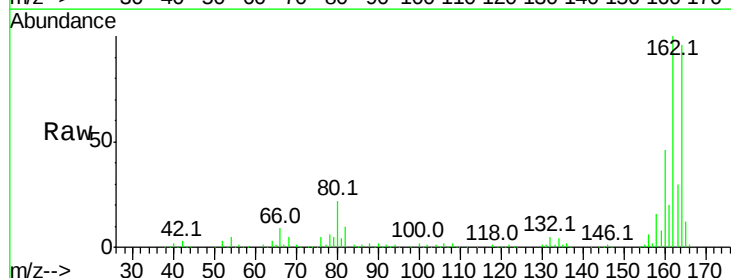
Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

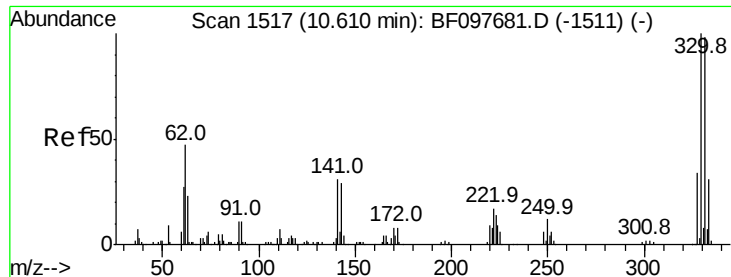
Tot Ion	82	Resp	480462
Ion Ratio	100	Lower	Upper
128	36.8	34.0	51.0
54	41.6	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF097969.D
 Acq: 22 Aug 2017 22:31

Tgt Ion	164	Resp	217048
Ion Ratio	100	Lower	Upper
162	104.4	82.6	123.8
160	48.0	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 42.064 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

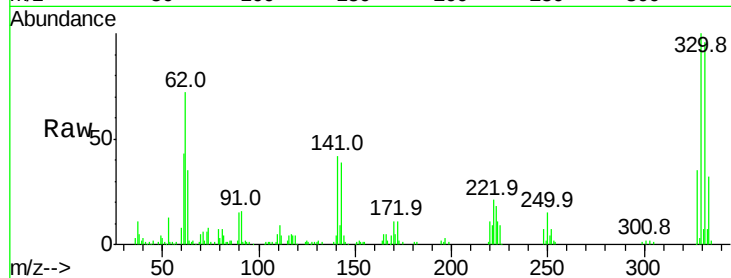
Tot Ion:330 Resp: 79217

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

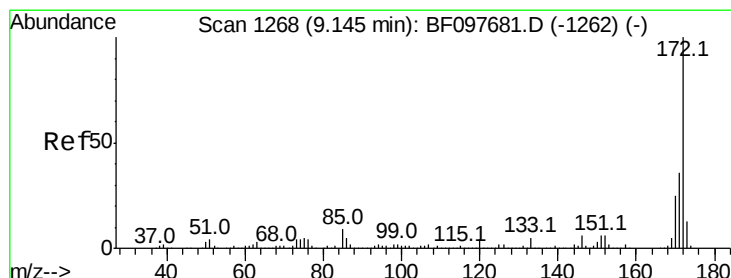
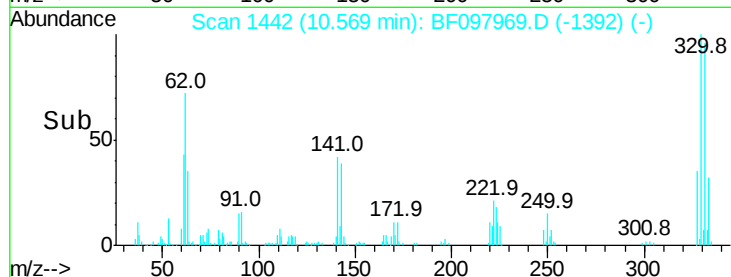
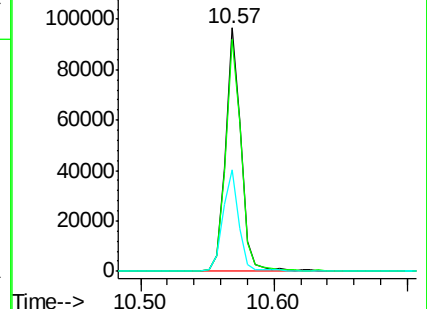
141 42.7 31.4 47.2



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: 44.563 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

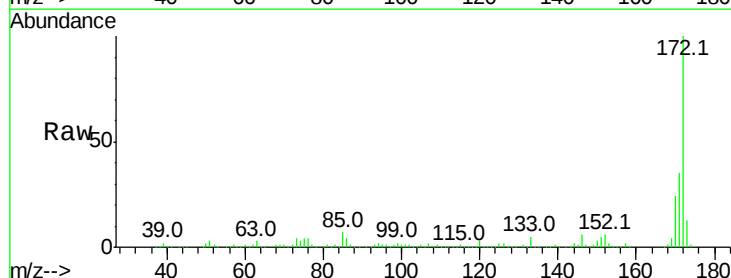
Tgt Ion:172 Resp: 658341

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

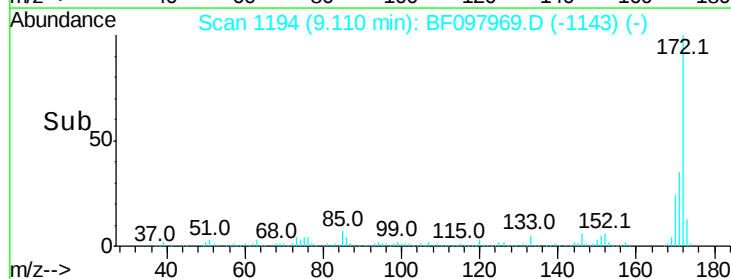
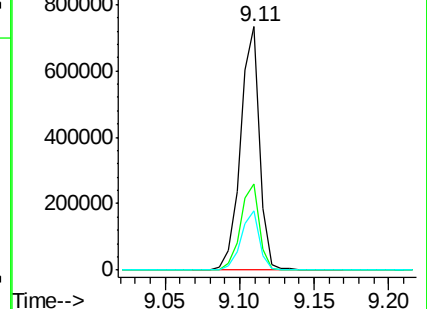
170 24.3 19.8 29.8

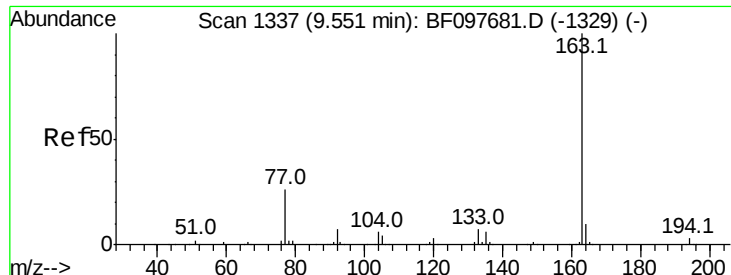


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

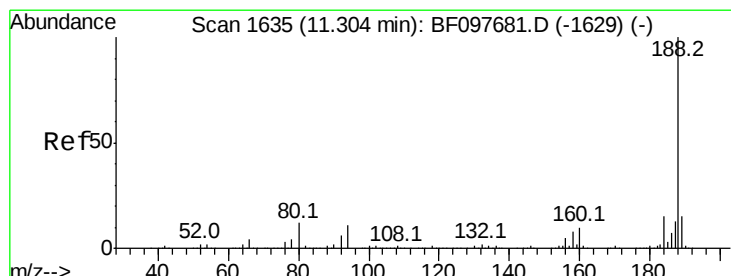
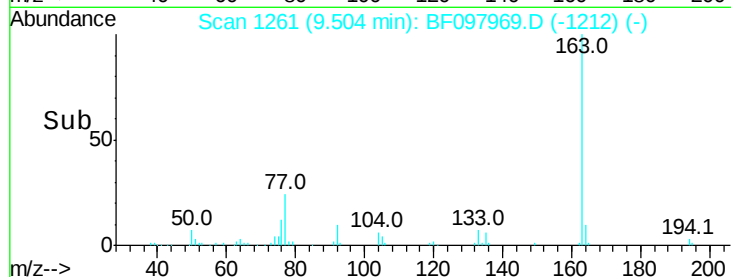
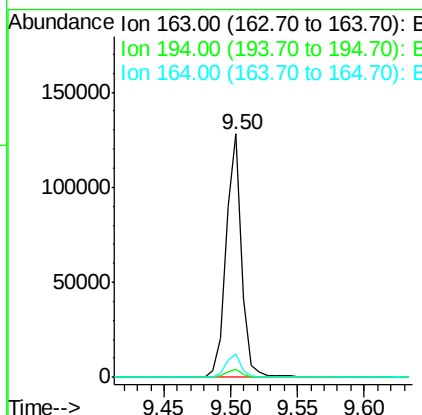
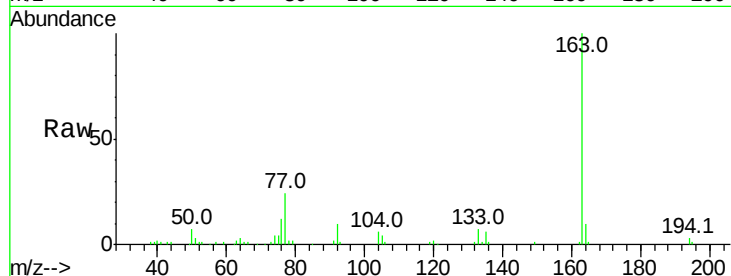




#49
Dimethylphthalate
Concen: 6.616 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

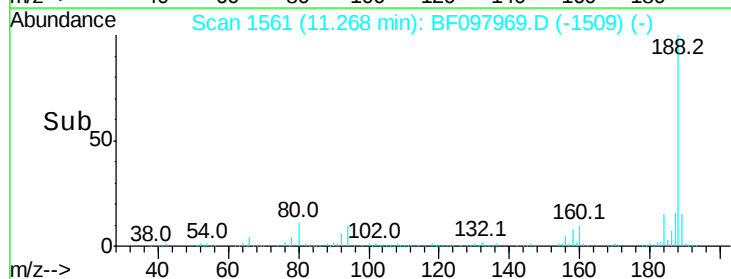
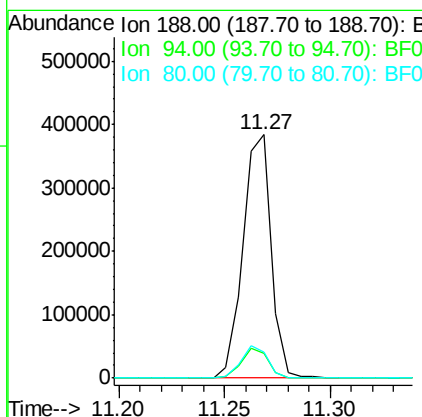
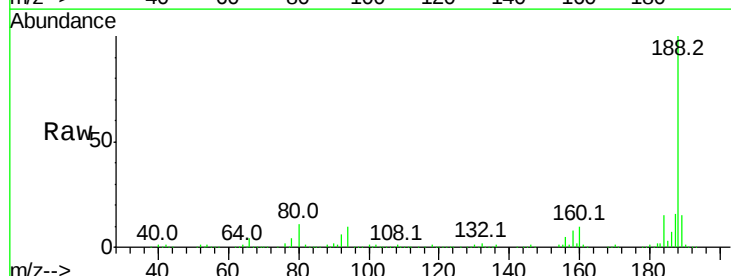
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

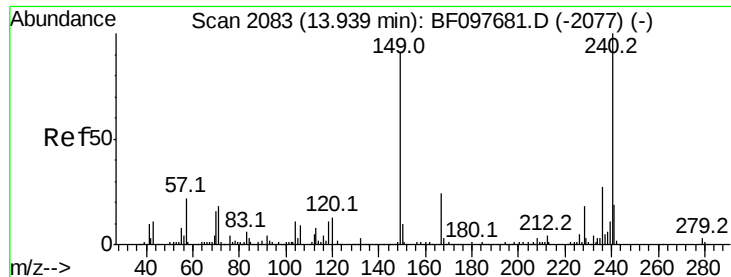
Tot Ion:163 Resp: 104959
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Tgt Ion:188 Resp: 354147
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.6 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

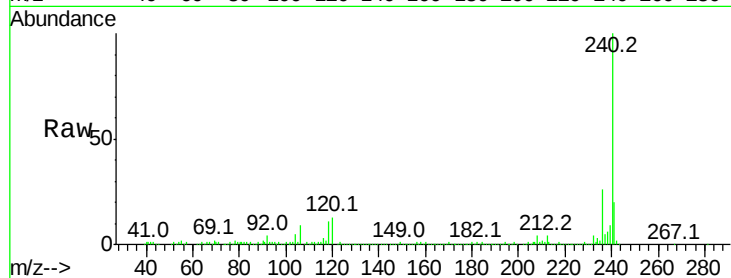
Tot Ion:240 Resp: 277358

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

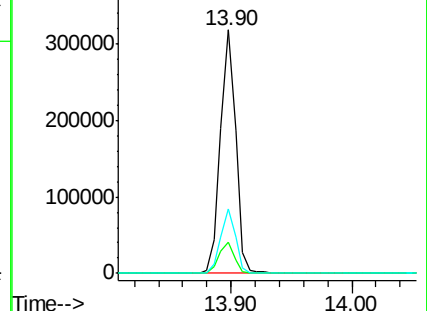
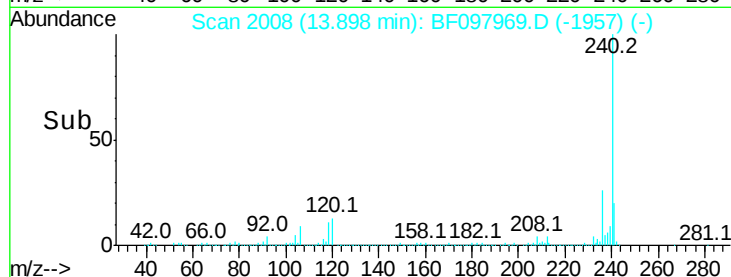
236 26.3 20.5 30.7



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: 32.076 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097969.D

Acq: 22 Aug 2017 22:31

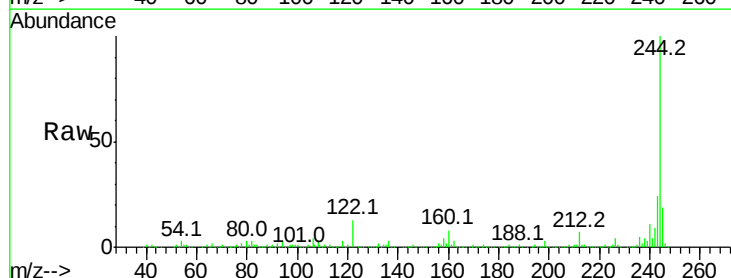
Tgt Ion:244 Resp: 426622

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

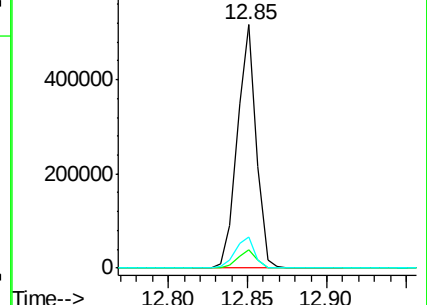
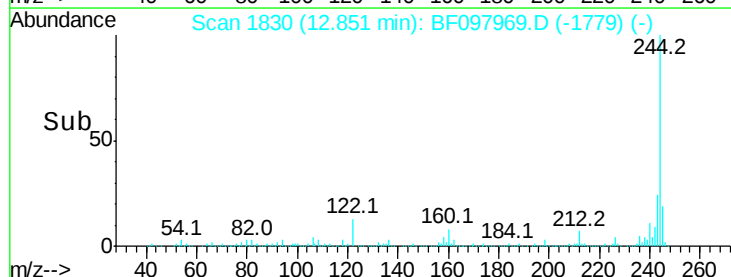
122 13.0 10.3 15.5

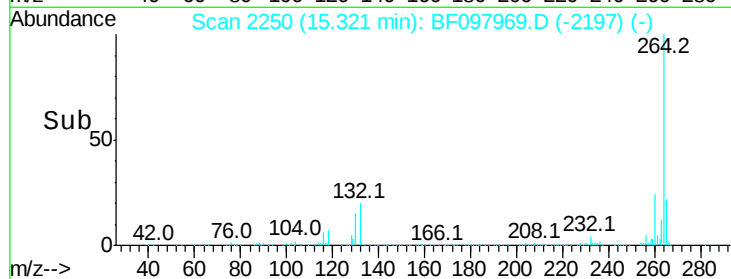
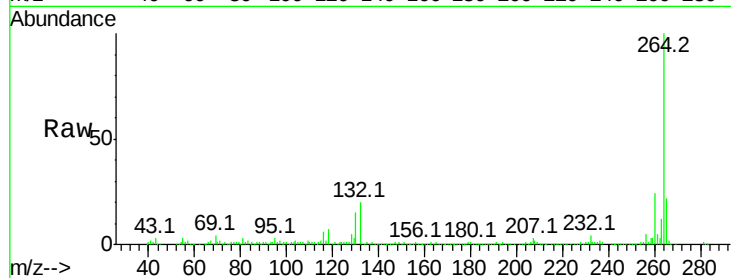
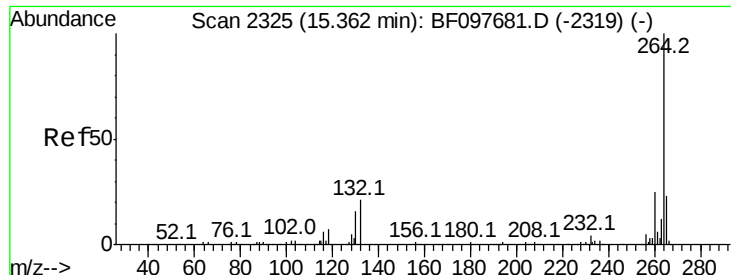


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097969.D
Acq: 22 Aug 2017 22:31

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tot Ion:	264	Resp:	252156
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.2	25.8

