

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097549.D
 Acq On : 10 Aug 2017 8:52
 Operator : SJ/JU
 Sample : I4664-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Aug 10 14:06:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	139467	20.00	ng	-0.02
21) Naphthalene-d8	7.68	136	578005	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	238681	20.00	ng	-0.02
63) Phenanthrene-d10	10.90	188	340779	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	233418	20.00	ng	-0.02
86) Perylene-d12	14.86	264	212556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	96563	10.44	ng	0.00
7) Phenol-d6	6.09	99	80848	7.65	ng	0.00
23) Nitrobenzene-d5	6.97	82	175657	17.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	45547	24.15	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	330597	23.51	ng	-0.02
78) Terphenyl-d14	12.47	244	155283	13.56	ng	-0.02

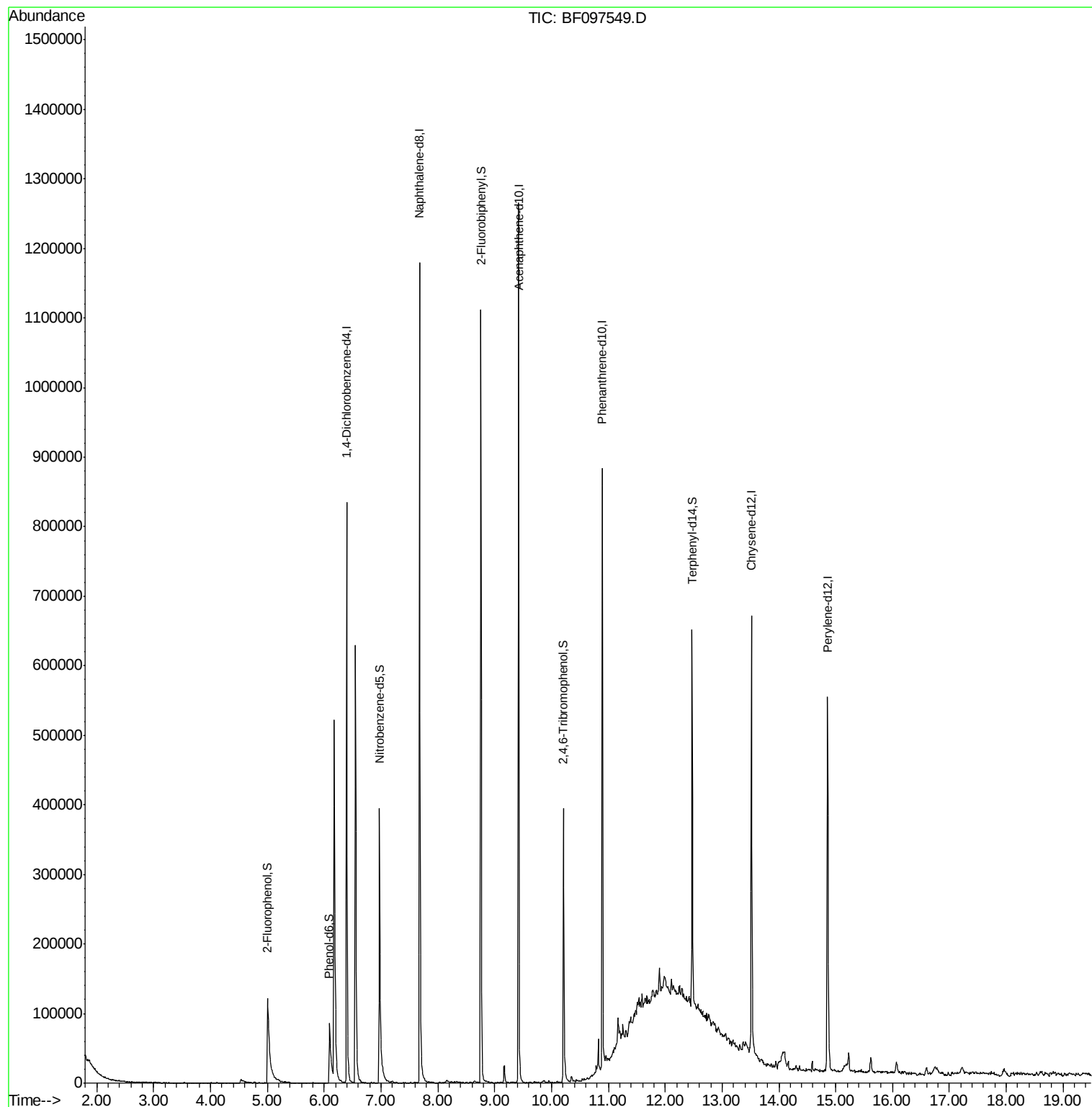
Target Compounds Qvalue

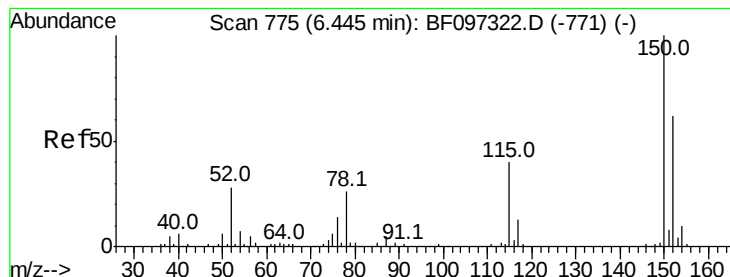
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097549.D
Acq On : 10 Aug 2017 8:52
Operator : SJ/JU
Sample : I4664-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DSN001

Quant Time: Aug 10 14:06:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration



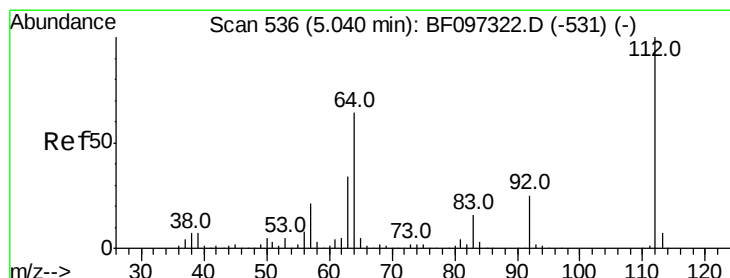
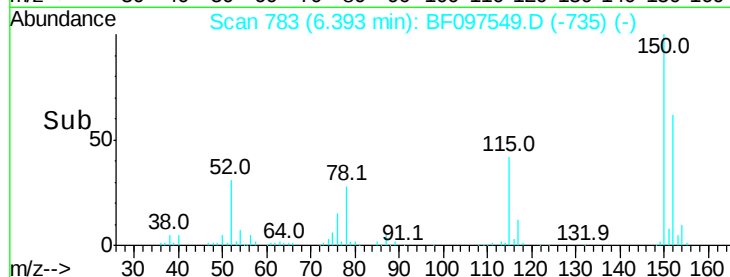
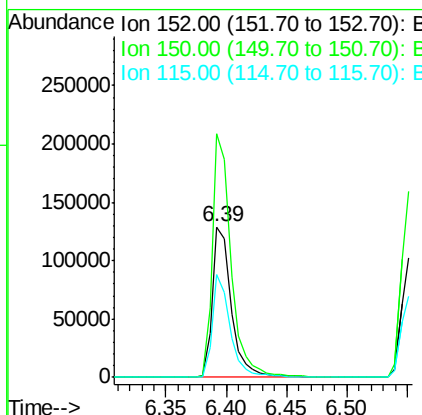
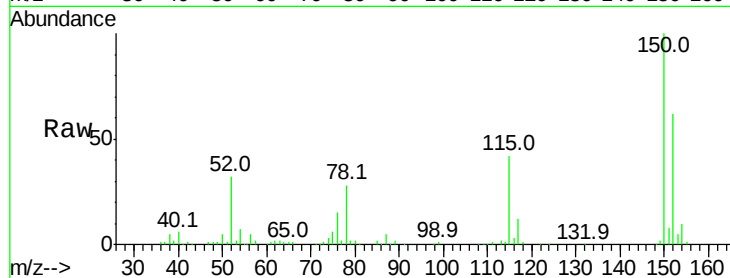


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF097549.D
Acq: 10 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
DSN001

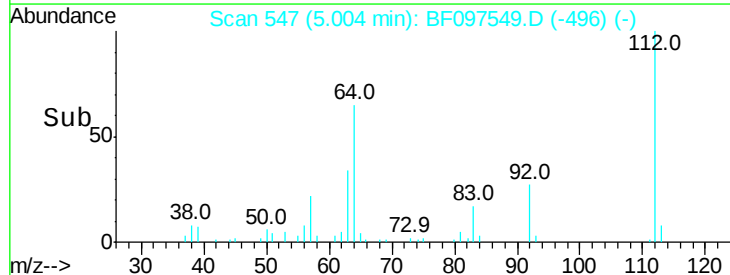
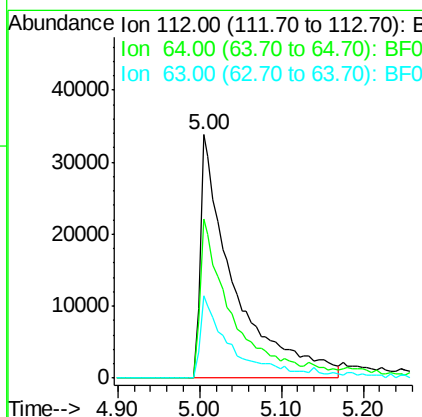
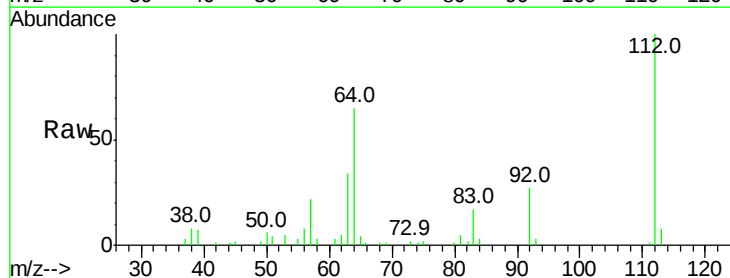
Tot Ion:152 Resp: 139467
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 68.4 52.2 78.2



#5

2-Fluorophenol
Concen: 10.437 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097549.D
Acq: 10 Aug 2017 8:52

Tgt Ion:112 Resp: 96563
Ion Ratio Lower Upper
112 100
64 65.4 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 7.655 ng

RT: 6.09 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097549.D

Acq: 10 Aug 2017 8:52

Instrument :

BNA_F

ClientSampleId :

DSN001

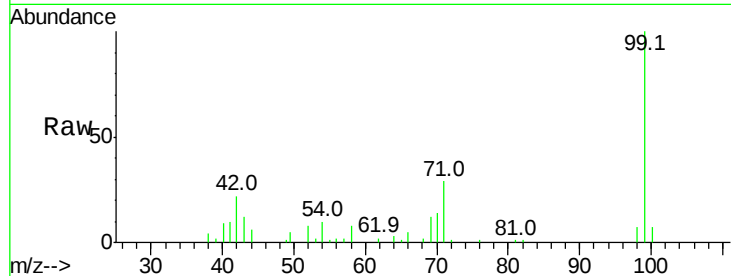
Tot Ion: 99 Resp: 80848

Ion Ratio Lower Upper

99 100

42 22.1 13.5 20.3#

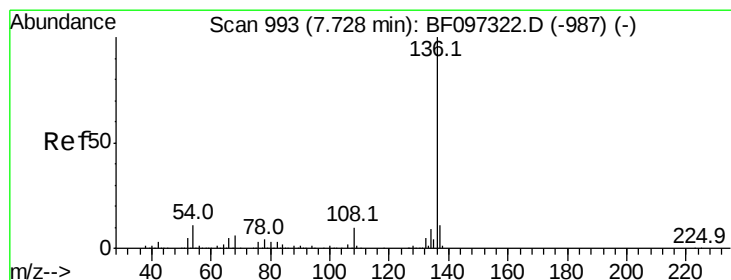
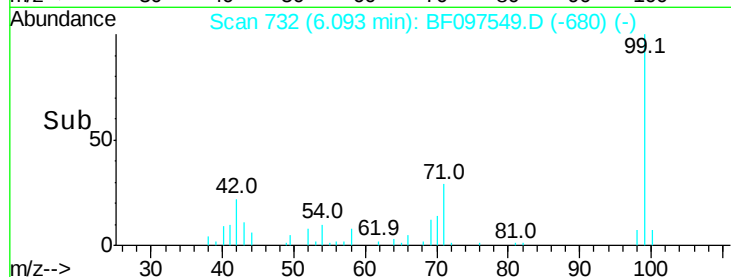
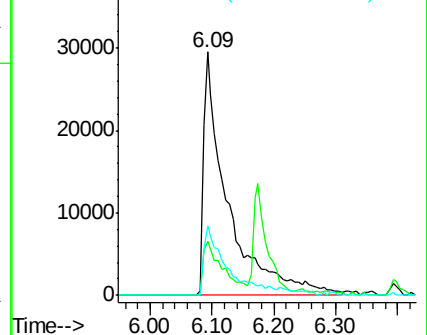
71 28.7 24.5 36.7



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: 7.68 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF097549.D

Acq: 10 Aug 2017 8:52

Tgt Ion: 136 Resp: 578005

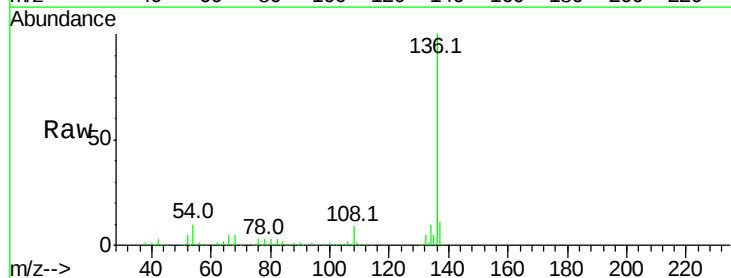
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.3 4.1 6.1

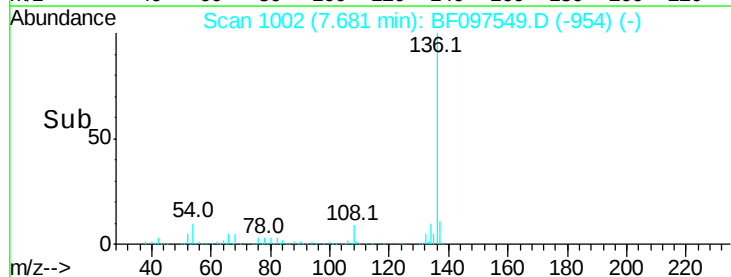
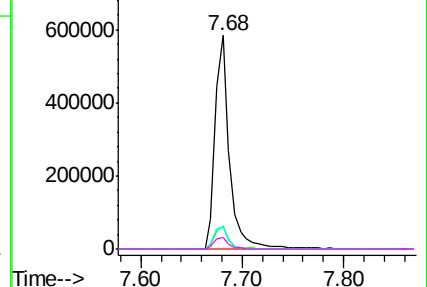


Abundance Ion 136.00 (135.70 to 136.70): E

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

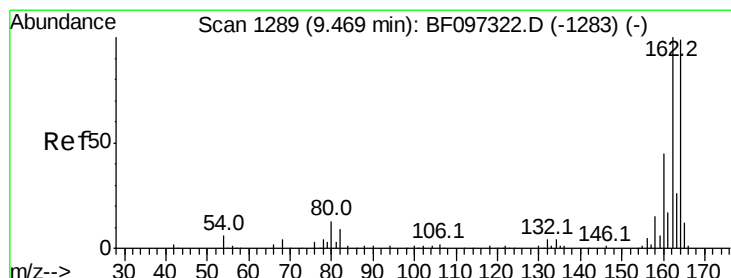
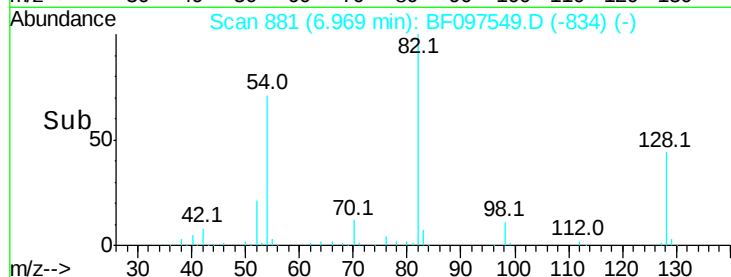
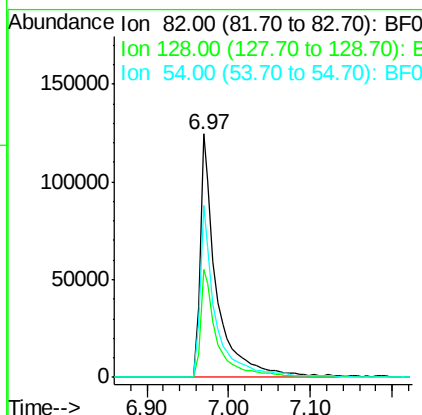
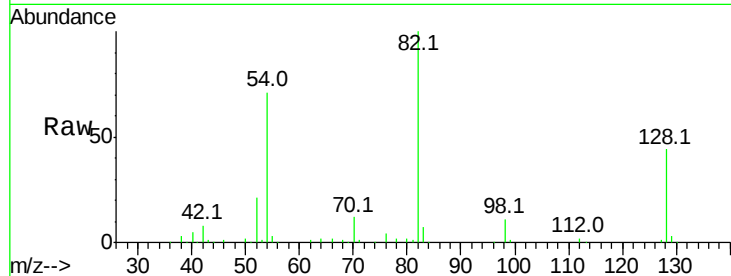




#23
 Nitrobenzene-d5
 Concen: 17.828 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097549.D
 Acq: 10 Aug 2017 8:52

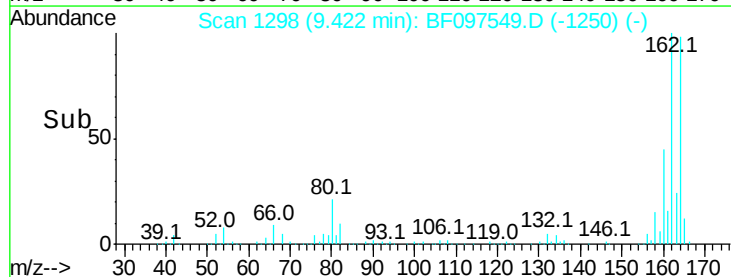
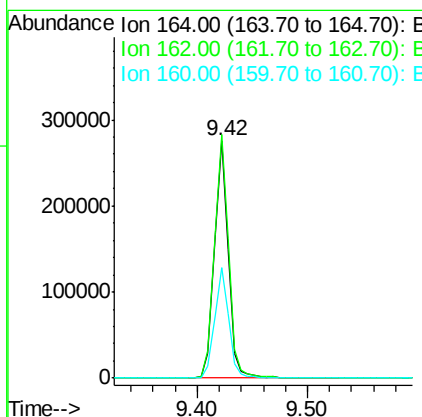
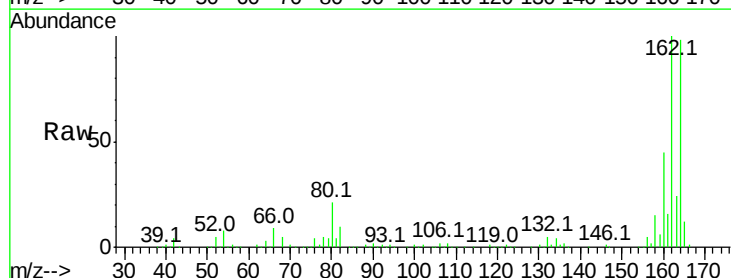
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion: 82 Resp: 175657
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.0 51.0
 54 70.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097549.D
 Acq: 10 Aug 2017 8:52

Tgt Ion:164 Resp: 238681
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 46.4 36.2 54.2

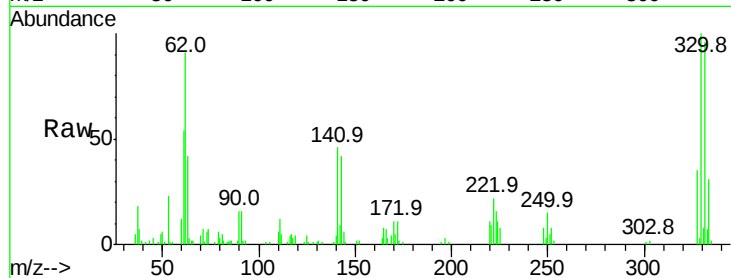




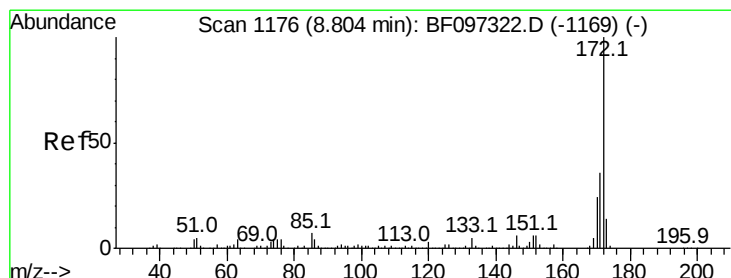
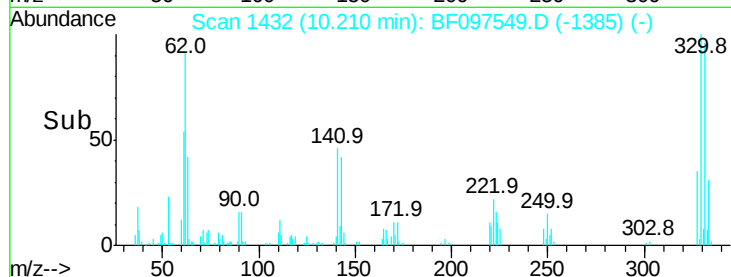
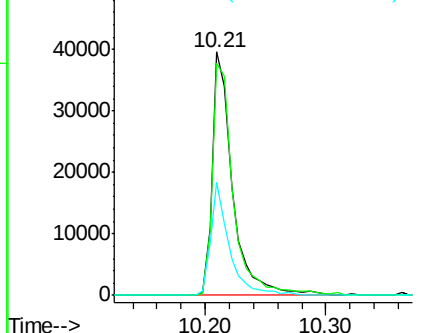
#41
 2,4,6-Tribromophenol
 Concen: 24.152 ng
 RT: 10.21 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF097549.D
 Acq: 10 Aug 2017 8:52

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tot Ion:330 Resp: 45547
 Ion Ratio Lower Upper
 330 100
 332 98.8 76.6 115.0
 141 42.9 31.4 47.2

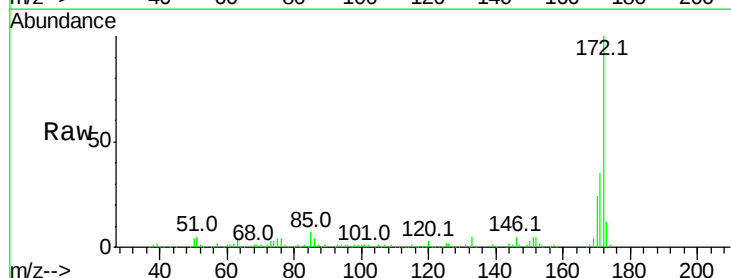


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

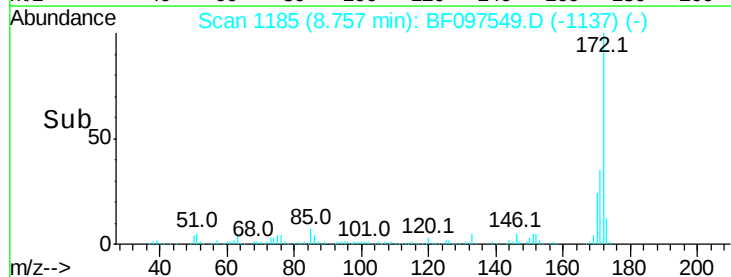
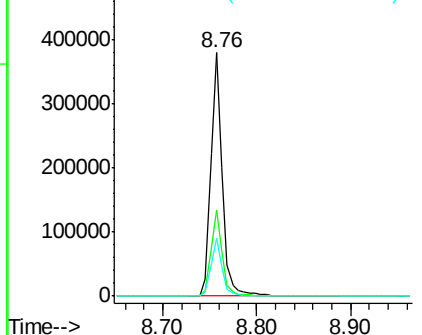


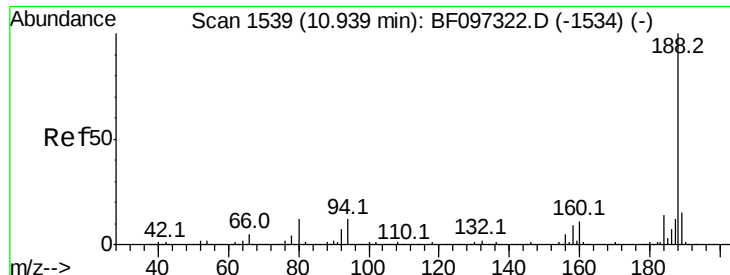
#44
 2-Fluorobiphenyl
 Concen: 23.506 ng
 RT: 8.76 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF097549.D
 Acq: 10 Aug 2017 8:52

Tgt Ion:172 Resp: 330597
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.9 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

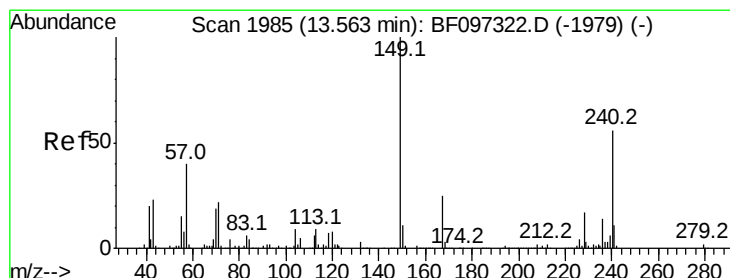
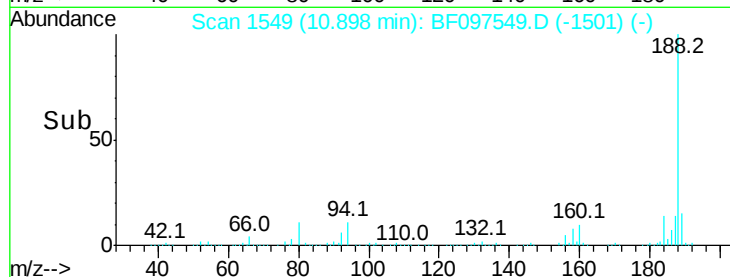
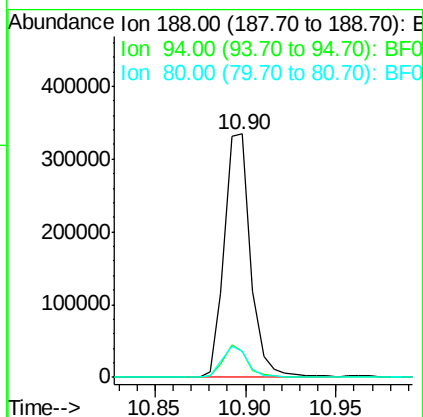
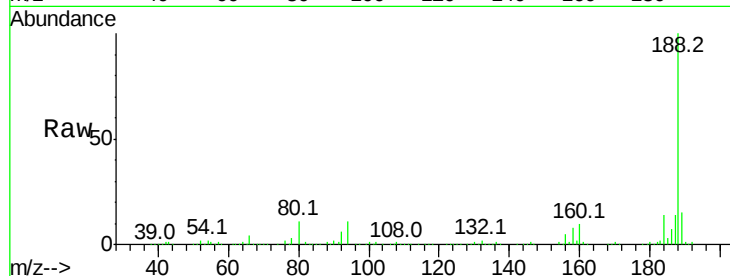




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.90 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF097549.D
 Acq: 10 Aug 2017 8:52

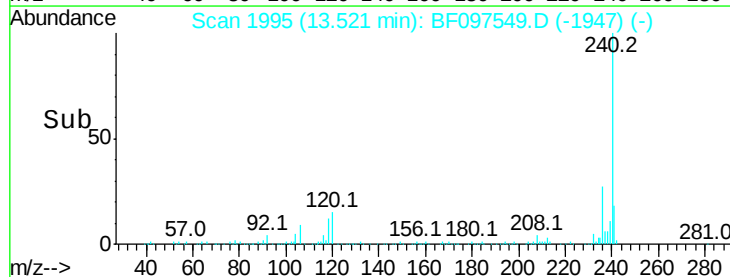
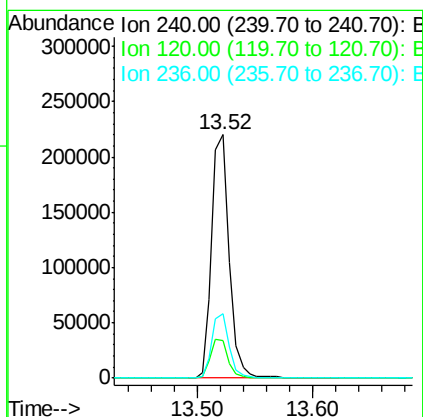
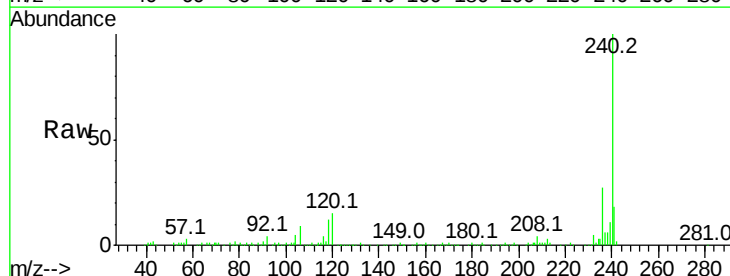
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

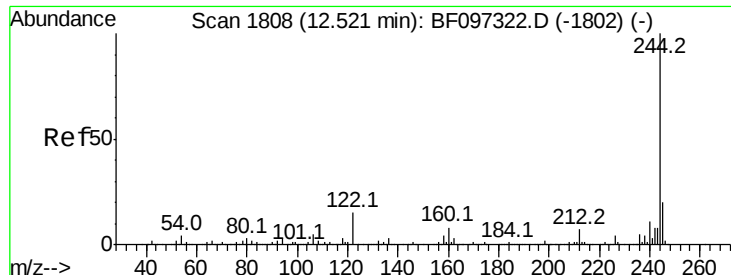
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	10.5	10.2	15.2



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.52 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF097549.D
 Acq: 10 Aug 2017 8:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	26.5	20.5	30.7





#78

Terphenyl-d14

Concen: 13.564 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097549.D

Acq: 10 Aug 2017 8:52

Instrument :

BNA_F

ClientSampleId :

DSN001

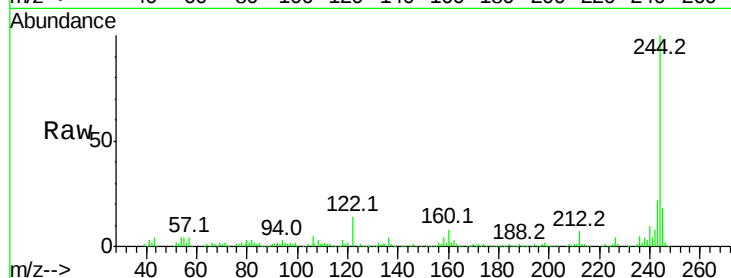
Tot Ion:244 Resp: 155283

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

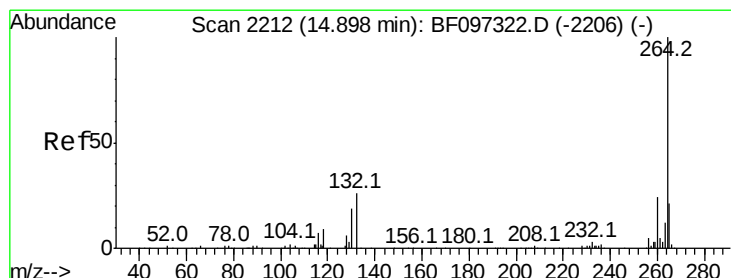
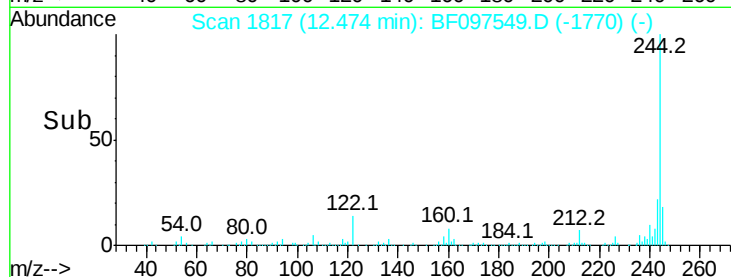
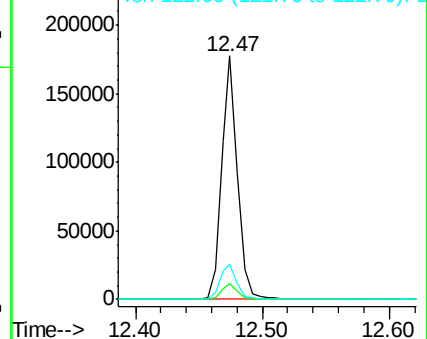
122 14.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.86 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097549.D

Acq: 10 Aug 2017 8:52

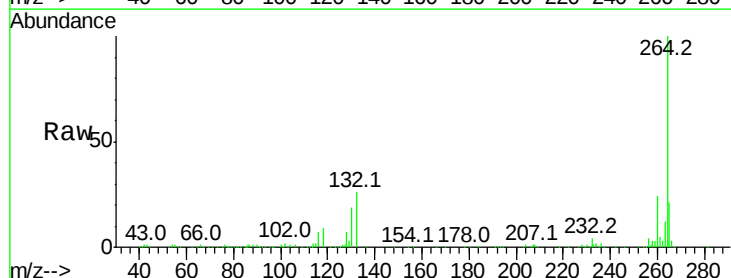
Tgt Ion:264 Resp: 212556

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.2 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

