

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097671.D
 Acq On : 13 Aug 2017 13:19
 Operator : SJ/JU
 Sample : I4682-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-WSW

Quant Time: Aug 14 05:31:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

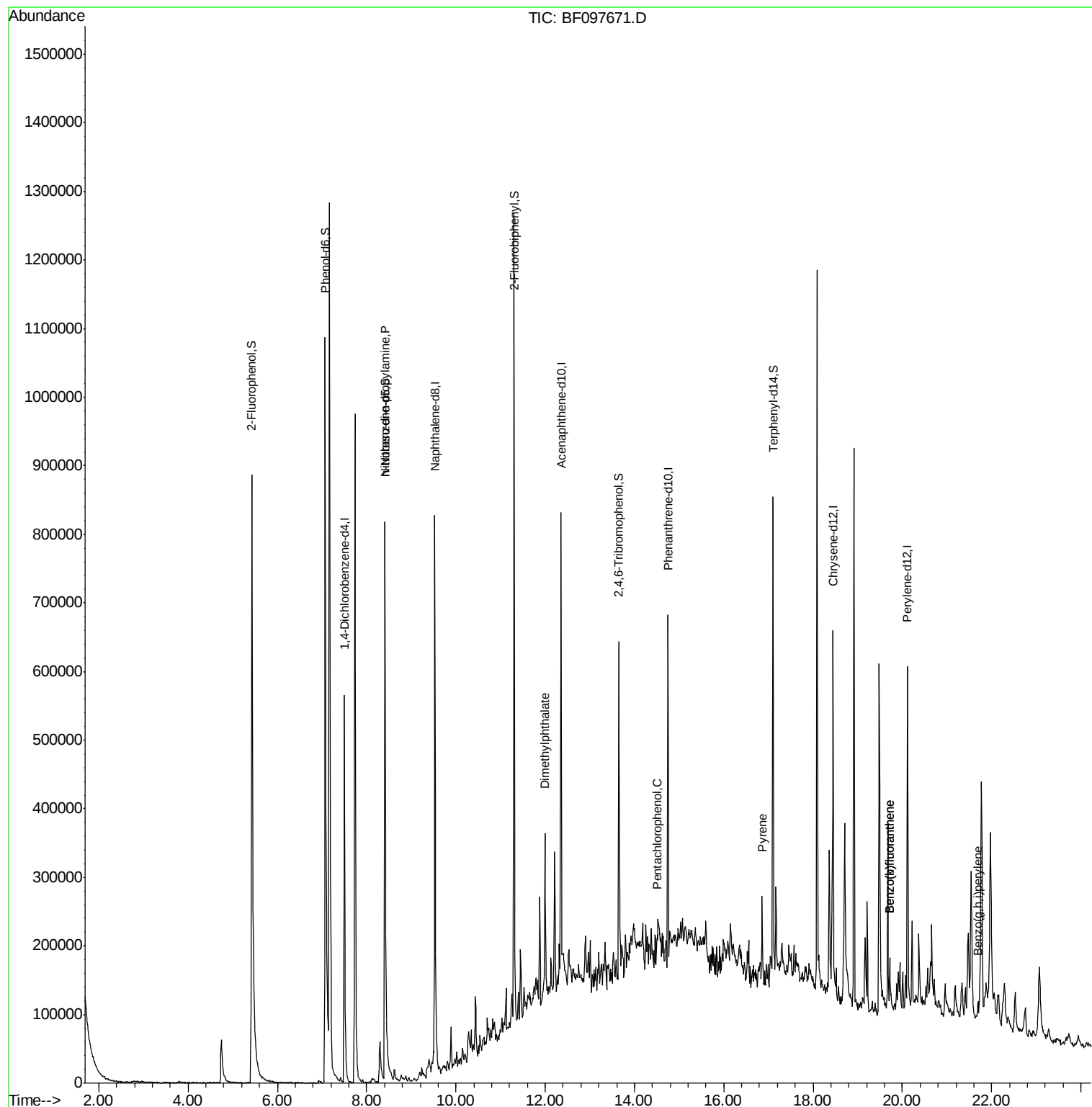
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	128500	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	518092	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	192025	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	247359	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	216724	20.00	ng	-0.01
86) Perylene-d12	20.11	264	192862	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	543925	67.28	ng	0.02
7) Phenol-d6	7.07	99	701049	69.90	ng	0.01
23) Nitrobenzene-d5	8.41	82	399585	48.36	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	76486	52.40	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	496760	39.04	ng	-0.02
78) Terphenyl-d14	17.10	244	239201	22.84	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	8.41	70	49929	7.16	ng	# 79
49) Dimethylphthalate	12.00	163	134849	9.11	ng	97
69) Pentachlorophenol	14.51	266	14314	29.03	ng	97
77) Pyrene	16.86	202	51663	2.88	ng	99
87) Benzo(b)fluoranthene	19.71	252	41665	3.60	ng	# 89
88) Benzo(k)fluoranthene	19.71	252	41665	3.57	ng	# 93
91) Benzo(g,h,i)perylene	21.70	276	17127	2.05	ng	# 95

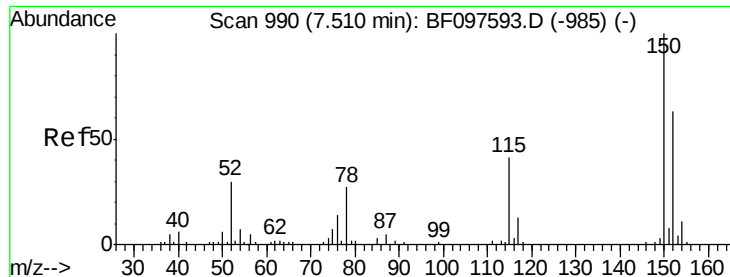
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097671.D
Acq On : 13 Aug 2017 13:19
Operator : SJ/JU
Sample : I4682-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-G10-WSW

Quant Time: Aug 14 05:31:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



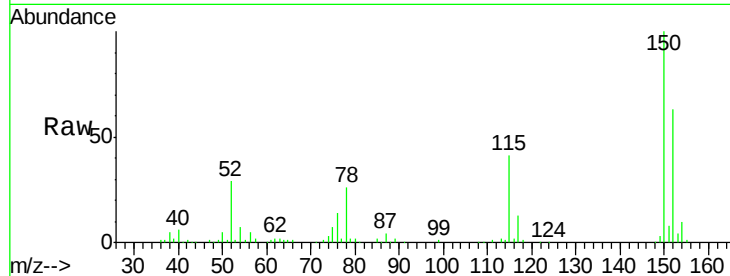


#1

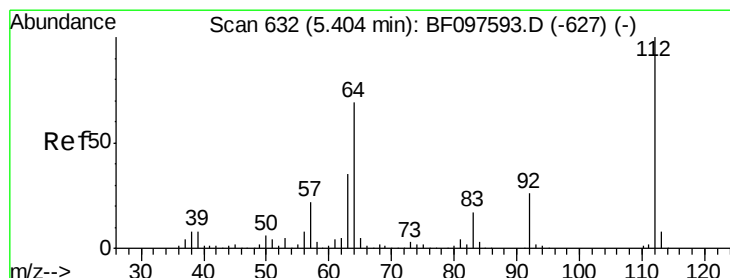
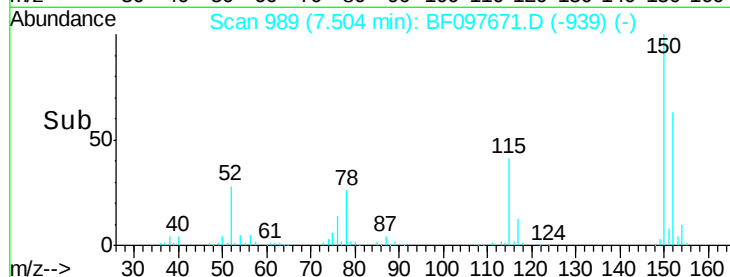
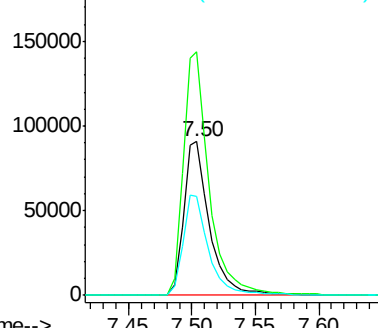
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097671.D
Acq: 13 Aug 2017 13:19

Instrument :
BNA_F
ClientSampleId :
E2-G10-WSW

Tot Ion:152 Resp: 128500
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 64.8 52.2 78.2



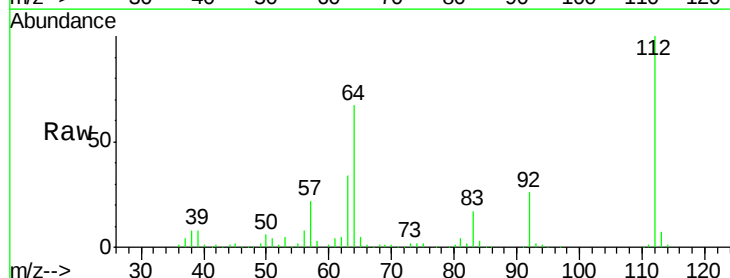
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



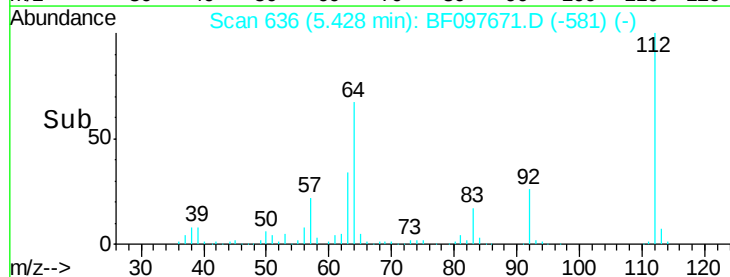
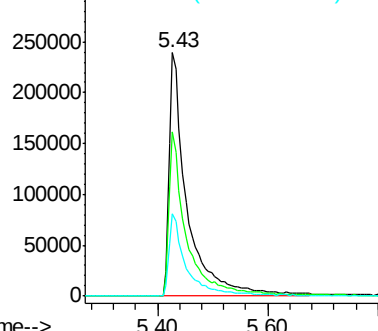
#5

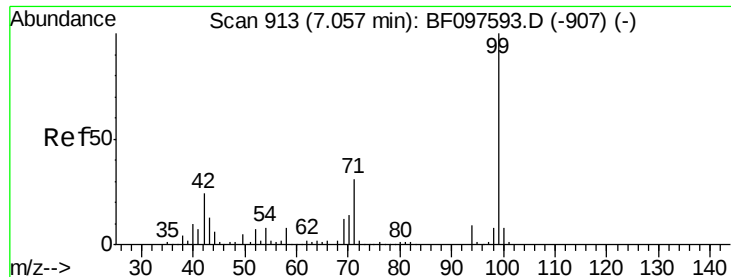
2-Fluorophenol
Concen: 67.28 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097671.D
Acq: 13 Aug 2017 13:19

Tgt Ion:112 Resp: 543925
Ion Ratio Lower Upper
112 100
64 67.3 46.0 69.0
63 34.0 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.90 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

Instrument :

BNA_F

ClientSampleId :

E2-G10-WSW

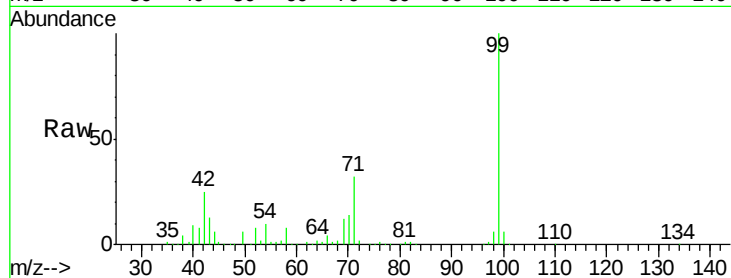
Tot Ion: 99 Resp: 701049

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

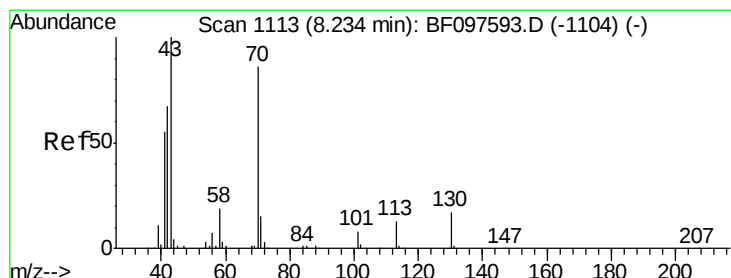
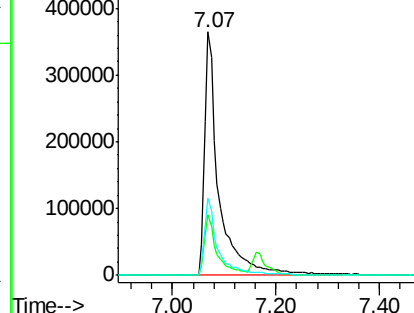
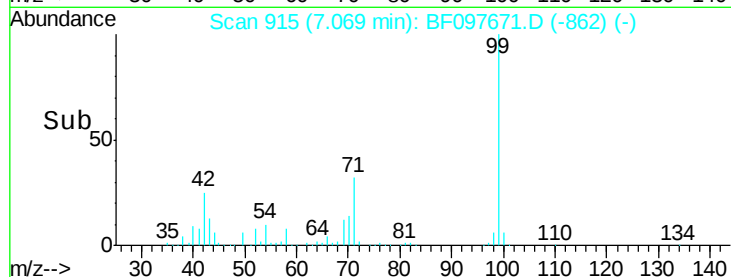
71 31.6 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 7.16 ng

RT: 8.41 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

Tgt Ion: 70 Resp: 49929

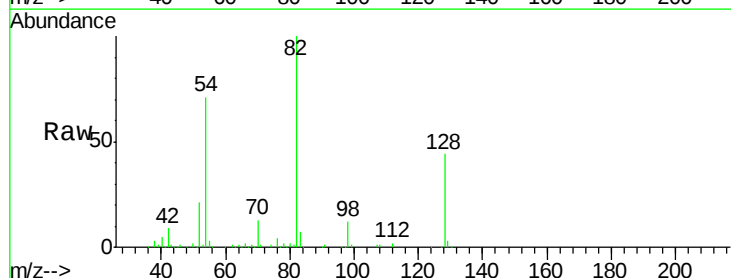
Ion Ratio Lower Upper

70 100

42 69.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

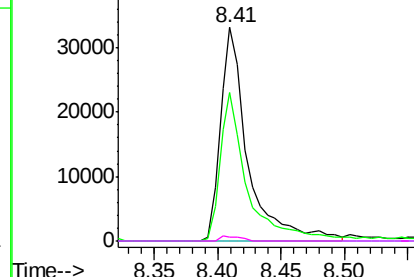
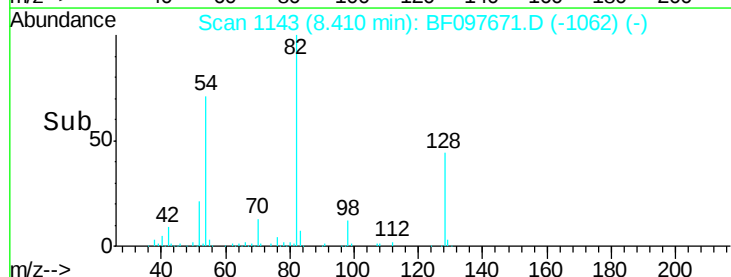


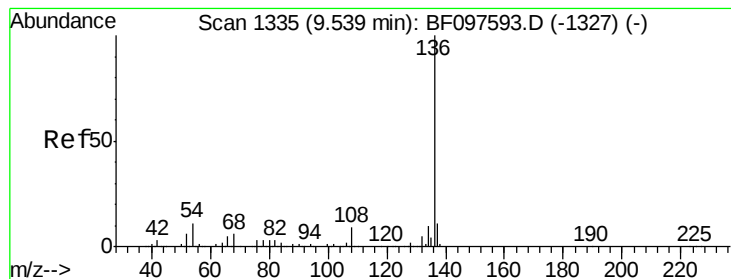
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

Instrument :

BNA_F

ClientSampleId :

E2-G10-WSW

Tot Ion:136 Resp: 518092

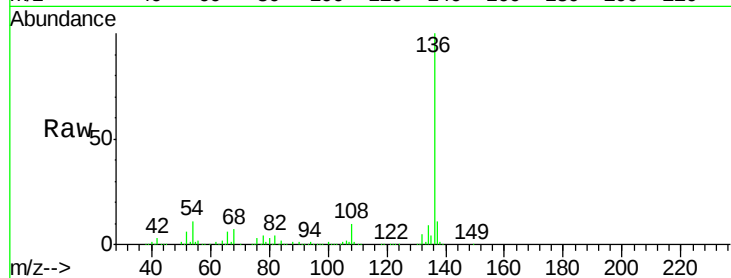
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 11.4 4.9 7.3#

68 6.5 4.1 6.1#

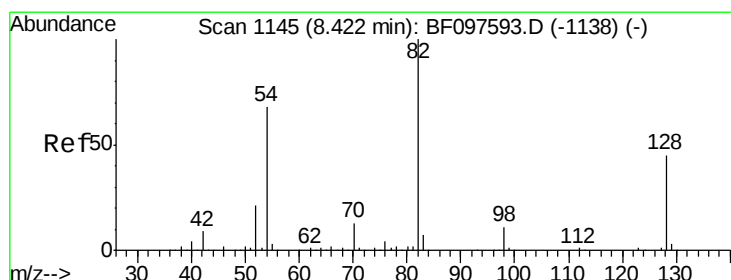
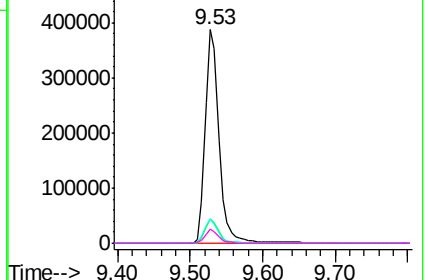
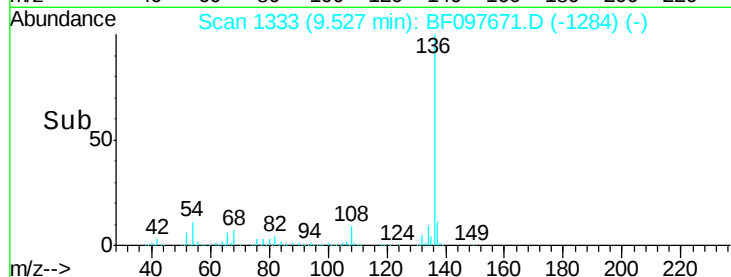


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.36 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

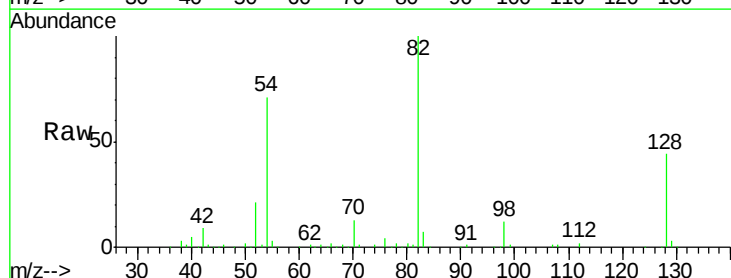
Tgt Ion: 82 Resp: 399585

Ion Ratio Lower Upper

82 100

128 43.7 34.0 51.0

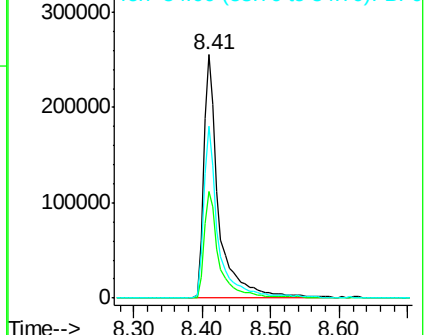
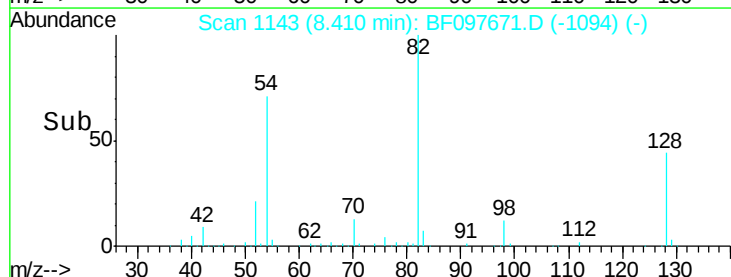
54 70.5 42.2 63.2#

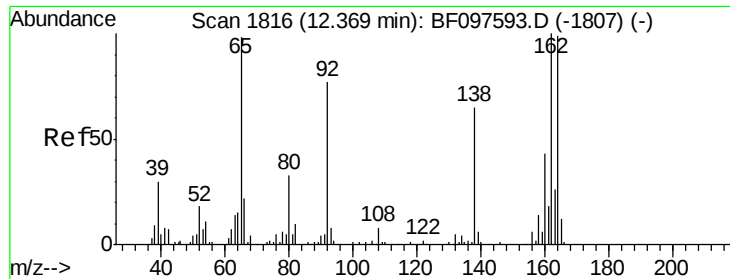


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.35 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

Instrument :

BNA_F

ClientSampleId :

E2-G10-WSW

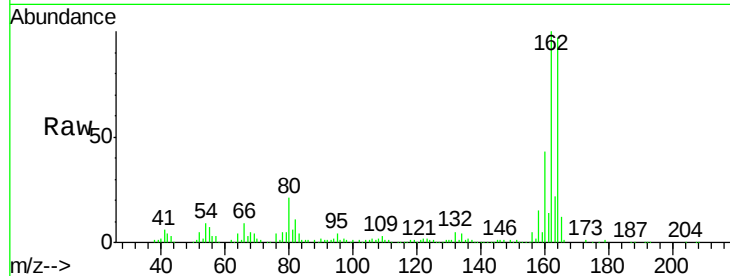
Tot Ion:164 Resp: 192025

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

160 44.6 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

12.35

150000

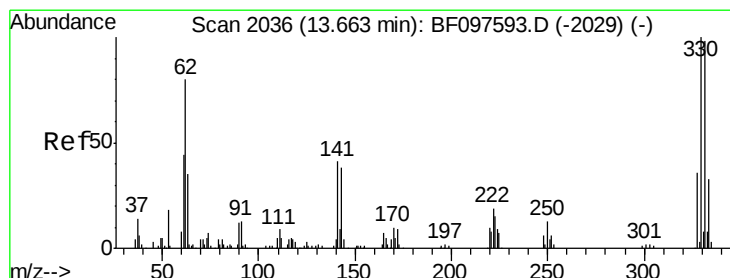
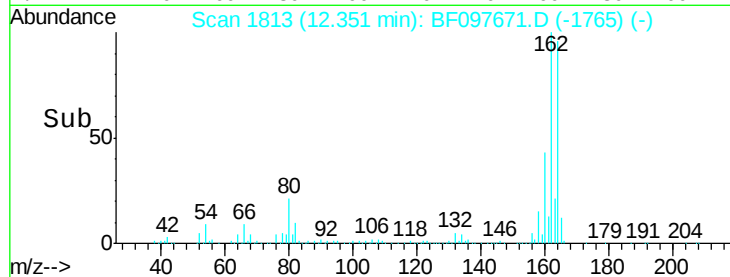
100000

50000

0

12.30 12.35 12.40 12.45

Time-->



#41

2,4,6-Tribromophenol

Concen: 52.40 ng

RT: 13.65 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

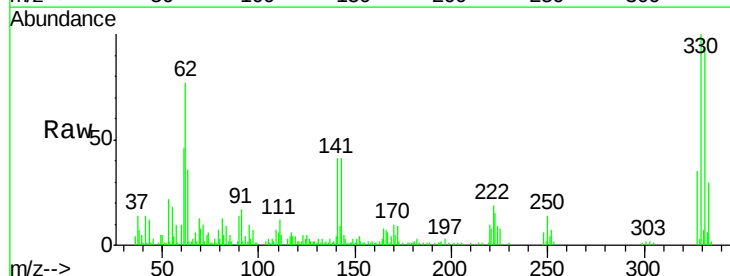
Tgt Ion:330 Resp: 76486

Ion Ratio Lower Upper

330 100

332 94.8 76.6 115.0

141 39.5 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

13.65

60000

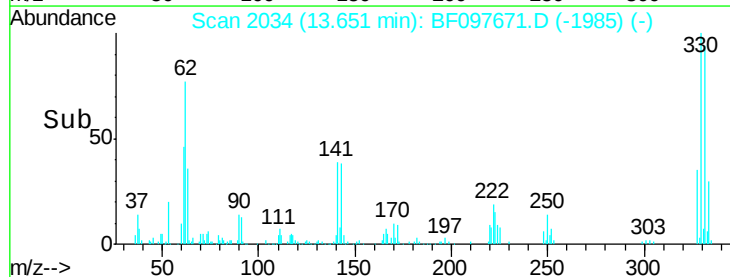
40000

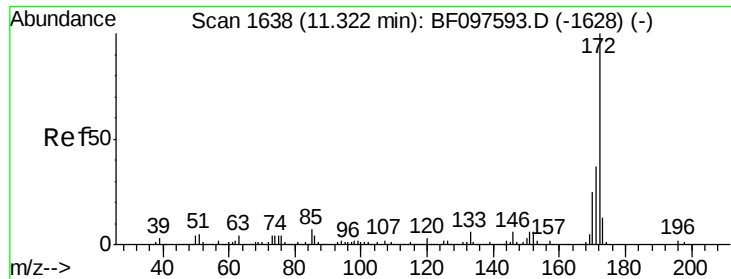
20000

0

13.60 13.70 13.80

Time-->

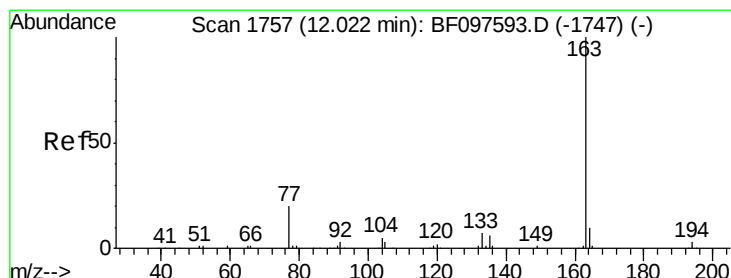
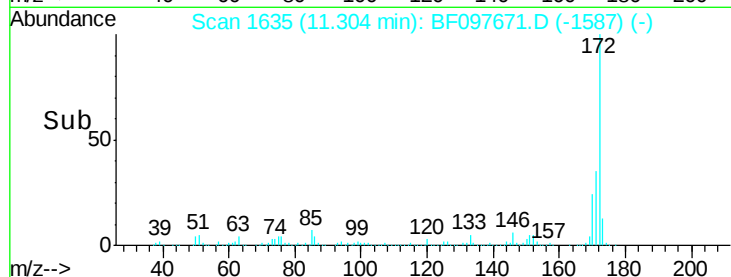
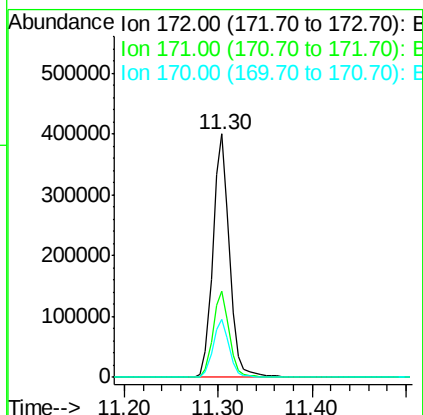
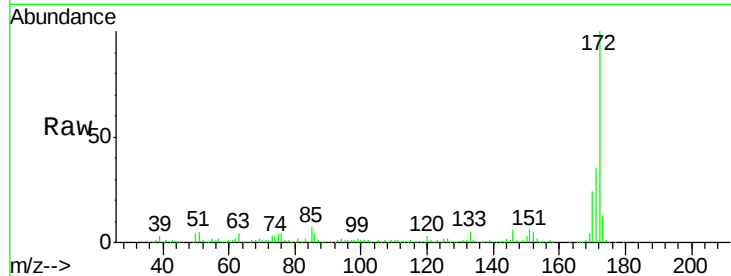




#44
2-Fluorobiphenyl
Concen: 39.04 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097671.D
Acq: 13 Aug 2017 13:19

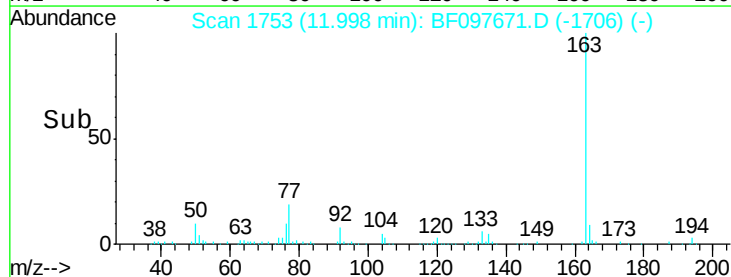
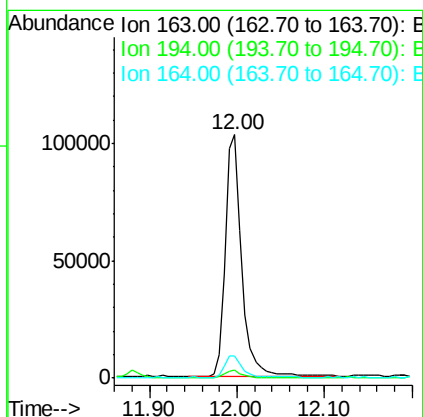
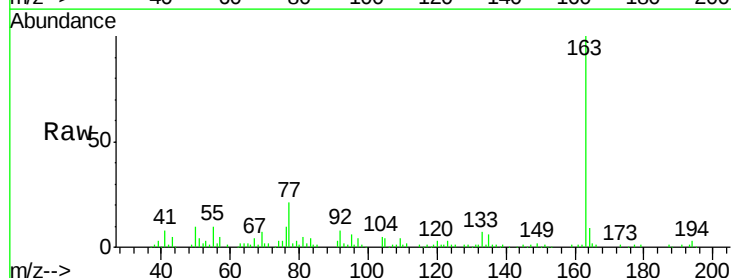
Instrument :
BNA_F
ClientSampleId :
E2-G10-WSW

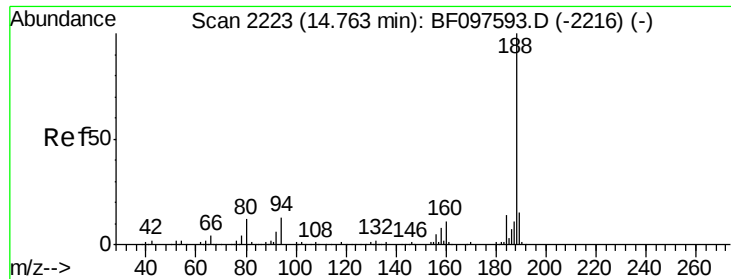
Tot Ion:172 Resp: 496760
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 9.11 ng
RT: 12.00 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097671.D
Acq: 13 Aug 2017 13:19

Tgt Ion:163 Resp: 134849
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.1 8.4 12.6

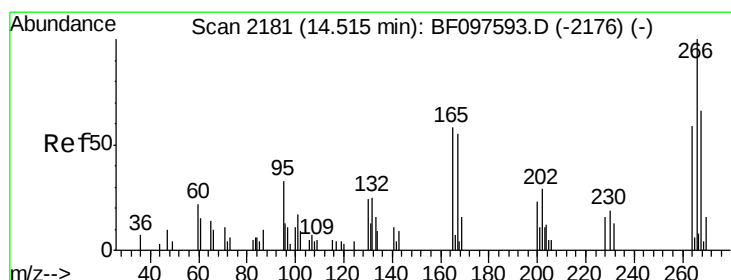
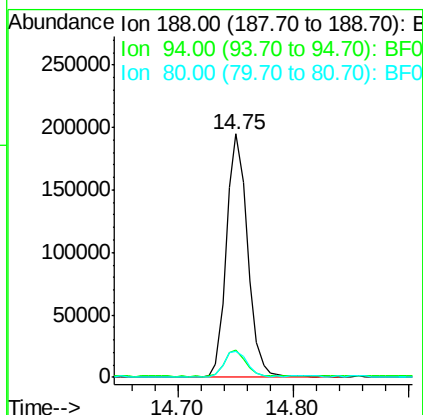
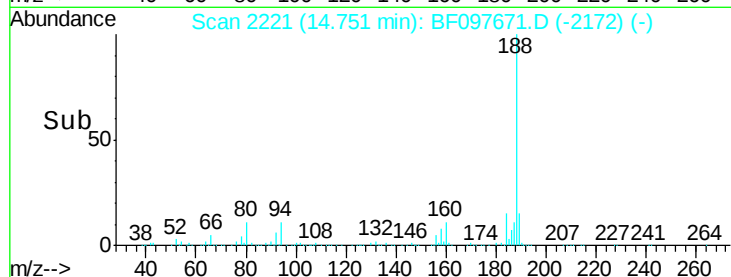
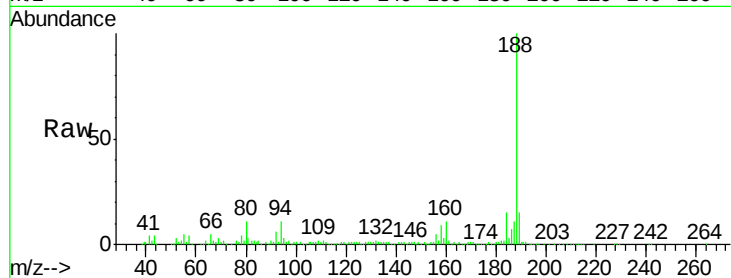




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097671.D
Acq: 13 Aug 2017 13:19

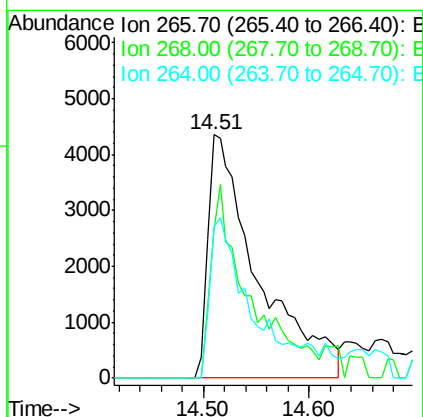
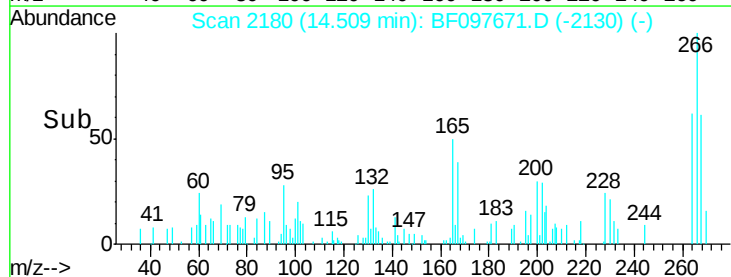
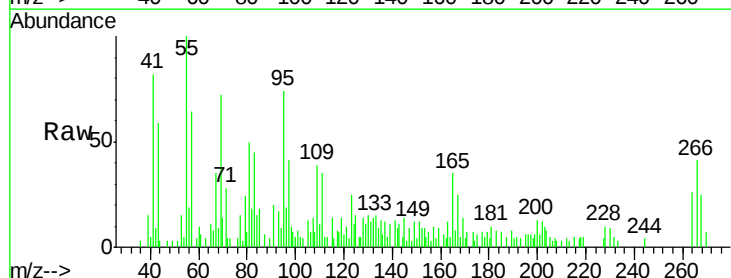
Instrument :
BNA_F
ClientSampleId :
E2-G10-WSW

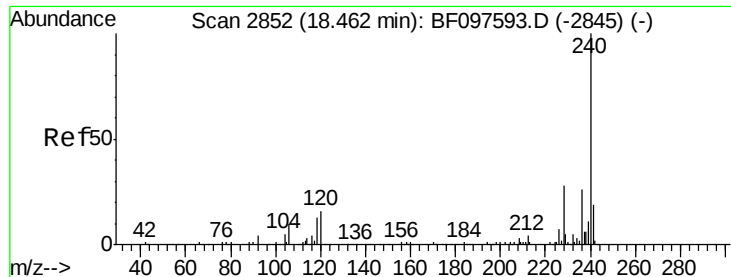
Tot Ion:188 Resp: 247359
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 10.9 10.2 15.2



#69
Pentachlorophenol
Concen: 29.03 ng
RT: 14.51 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF097671.D
Acq: 13 Aug 2017 13:19

Tgt Ion:266 Resp: 14314
Ion Ratio Lower Upper
266 100
268 61.2 51.1 76.7
264 62.1 51.7 77.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

Instrument :

BNA_F

ClientSampleId :

E2-G10-WSW

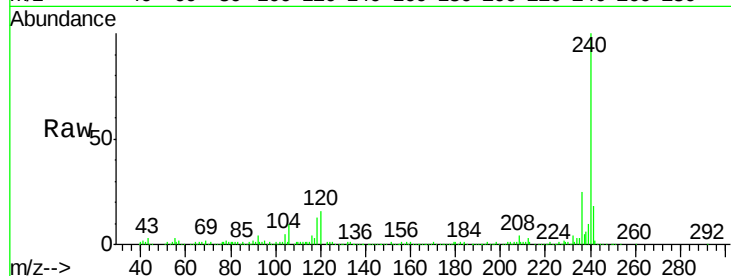
Tot Ion:240 Resp: 216724

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

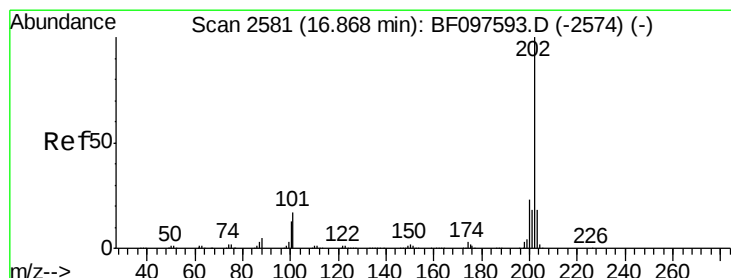
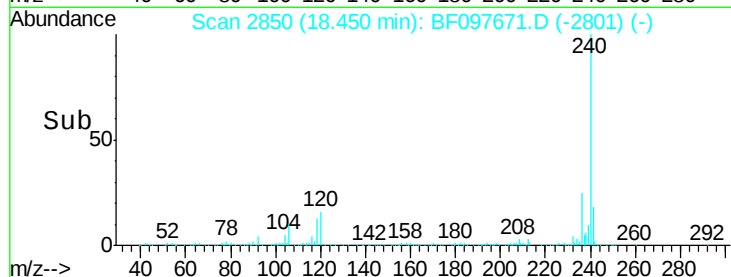
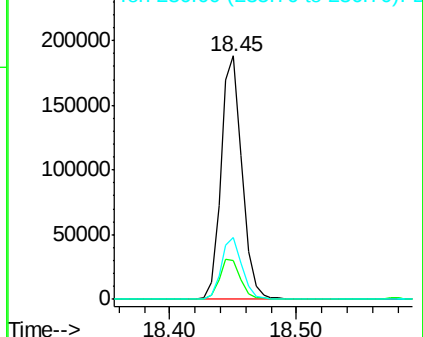
236 25.5 20.5 30.7



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



#77

Pyrene

Concen: 2.88 ng

RT: 16.86 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

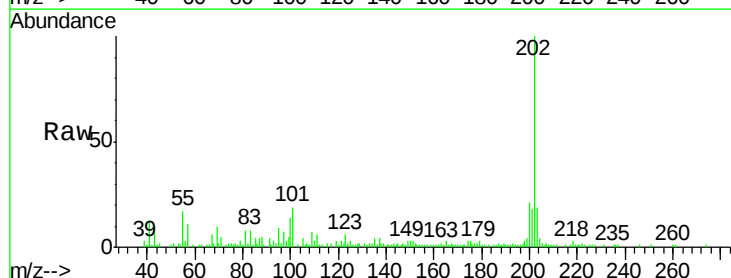
Tgt Ion:202 Resp: 51663

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

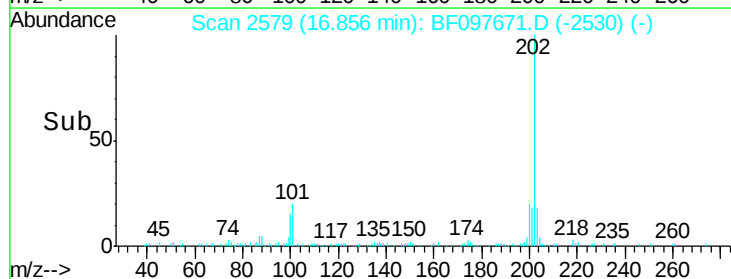
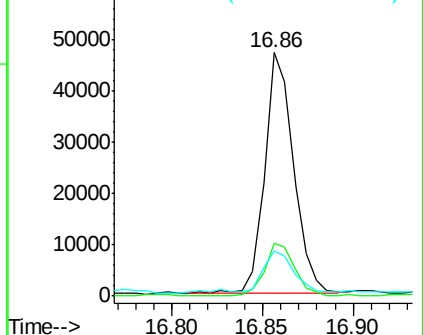
203 18.7 14.4 21.6

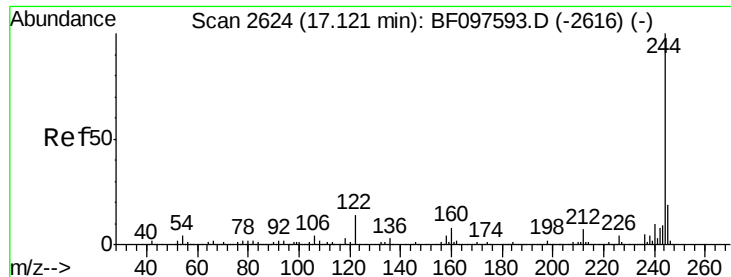


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

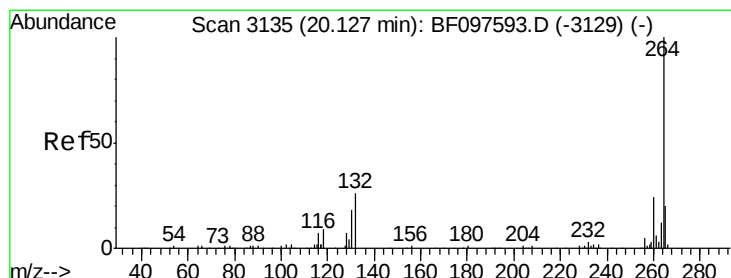
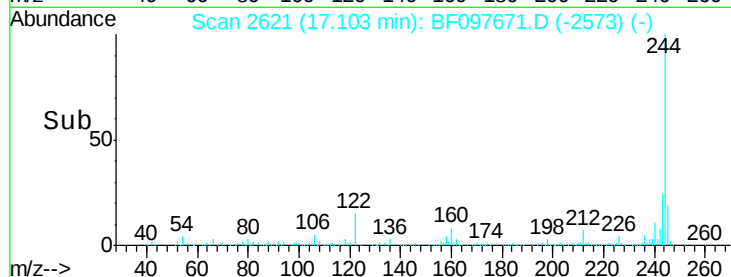
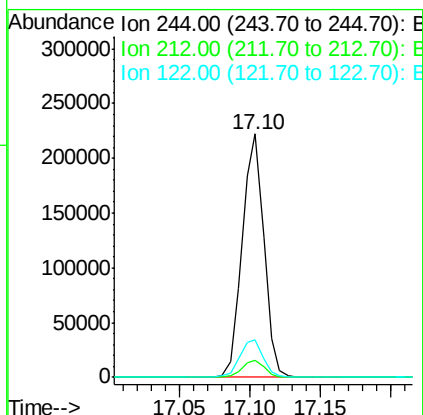
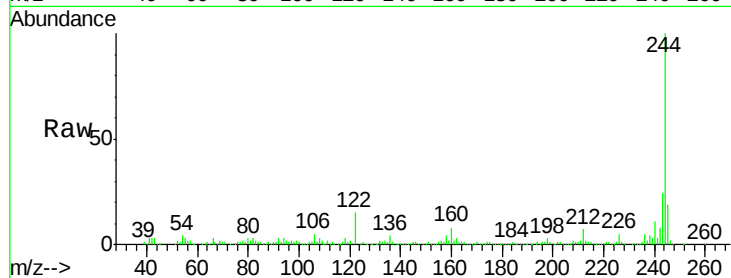




#78
 Terphenyl-d14
 Concen: 22.84 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097671.D
 Acq: 13 Aug 2017 13:19

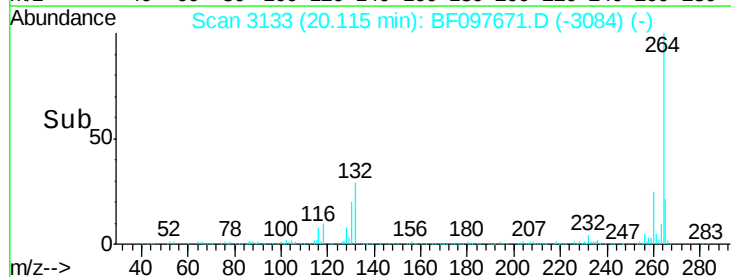
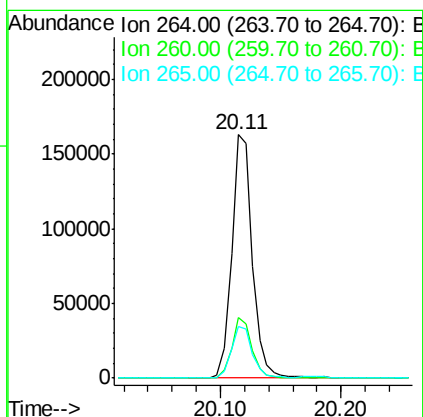
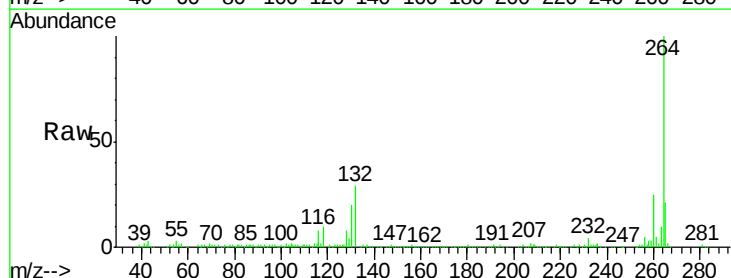
Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-WSW

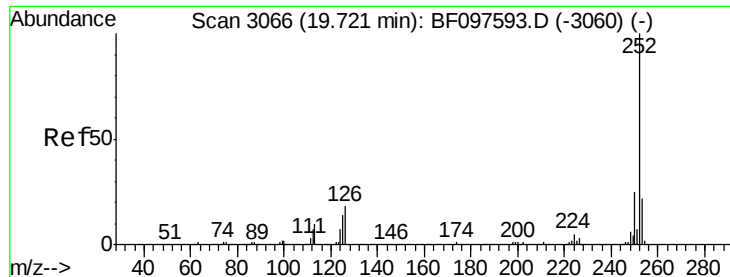
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.2	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF097671.D
 Acq: 13 Aug 2017 13:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.60 ng

RT: 19.71 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

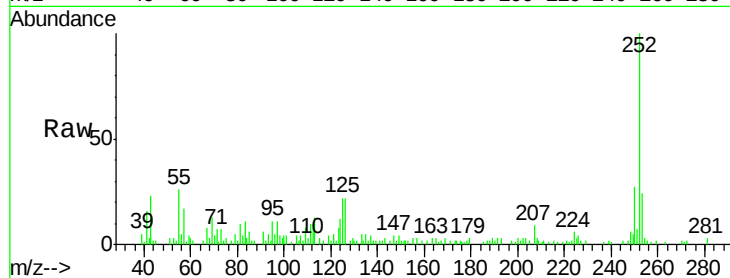
Instrument :

BNA_F

ClientSampleId :

E2-G10-WSW

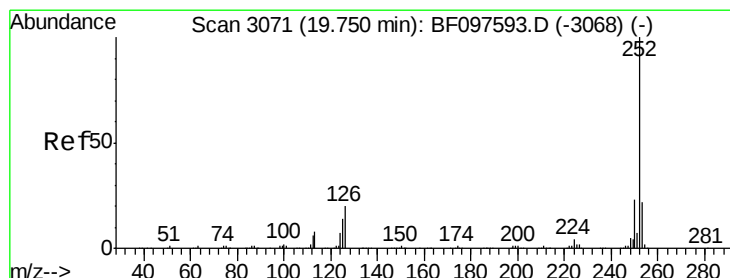
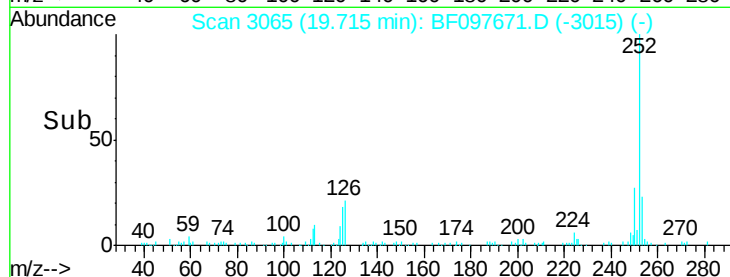
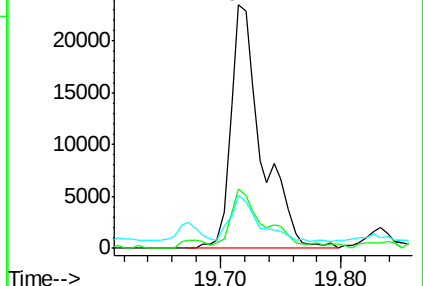
Tot Ion:252	Resp:	41665
Ion Ratio	Lower	Upper
252	100	
253	24.3	18.1 27.1
125	22.0	9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.57 ng

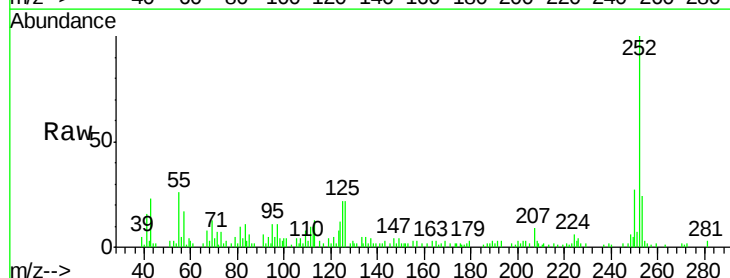
RT: 19.71 min Scan# 3065

Delta R.T. -0.04 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

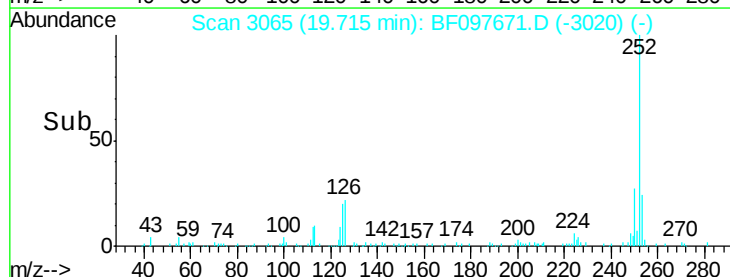
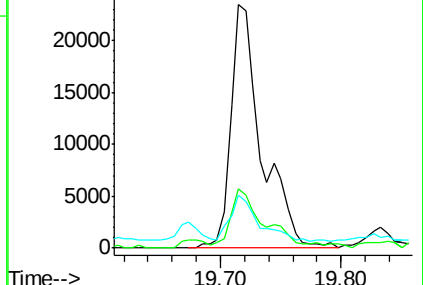
Tgt Ion:252	Resp:	41665
Ion Ratio	Lower	Upper
252	100	
253	24.3	18.4 27.6
125	22.0	13.1 19.7#

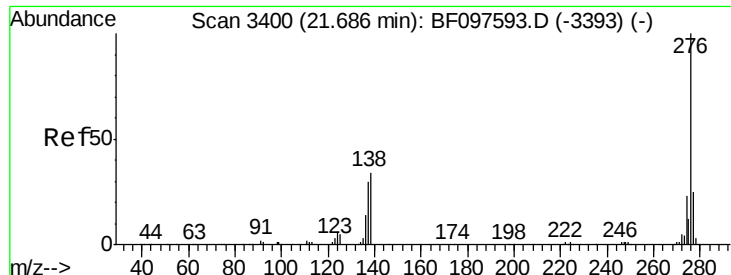


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.05 ng

RT: 21.70 min Scan# 3403

Delta R.T. 0.02 min

Lab File: BF097671.D

Acq: 13 Aug 2017 13:19

Instrument :

BNA_F

ClientSampleId :

E2-G10-WSW

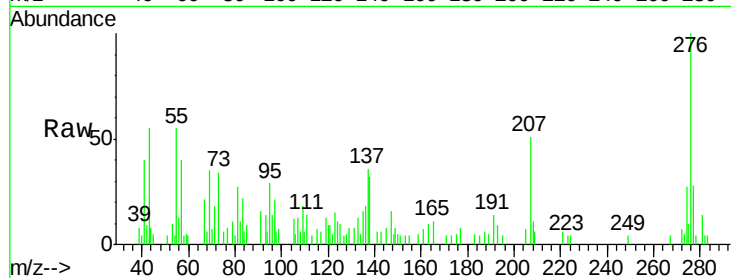
Tot Ion:276 Resp: 17127

Ion Ratio Lower Upper

276 100

277 28.2 18.6 28.0#

138 32.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

