

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097672.D
 Acq On : 13 Aug 2017 13:52
 Operator : SJ/JU
 Sample : I4682-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-SSW

Quant Time: Aug 14 05:31:50 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

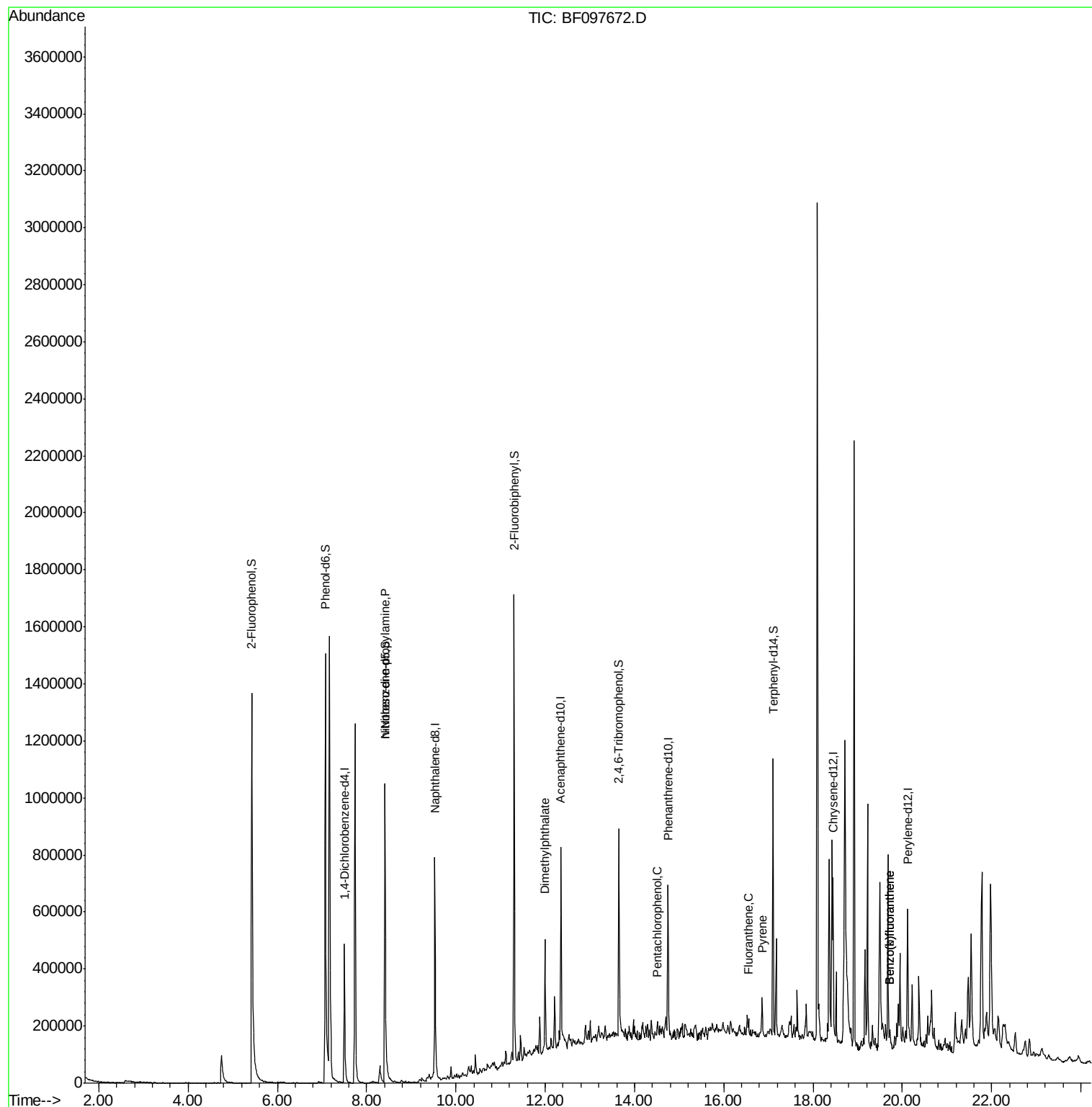
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	116442	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	514800	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	191778	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	257270	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	219593	20.00	ng	-0.01
86) Perylene-d12	20.12	264	189349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	731021	99.79	ng	0.02
7) Phenol-d6	7.07	99	839639	92.39	ng	0.02
23) Nitrobenzene-d5	8.41	82	503094	61.28	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	115619	79.31	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	717650	56.48	ng	-0.02
78) Terphenyl-d14	17.10	244	361232	34.05	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.41	70	65707	10.40	ng	Qvalue # 86
49) Dimethylphthalate	12.00	163	212435	14.37	ng	99
69) Pentachlorophenol	14.52	266	13961	27.67	ng	96
74) Fluoranthene	16.56	202	33458	2.50	ng	94
77) Pyrene	16.86	202	61792	3.40	ng	96
87) Benzo(b)fluoranthene	19.72	252	39388	3.46	ng	# 94
88) Benzo(k)fluoranthene	19.72	252	39388	3.44	ng	97

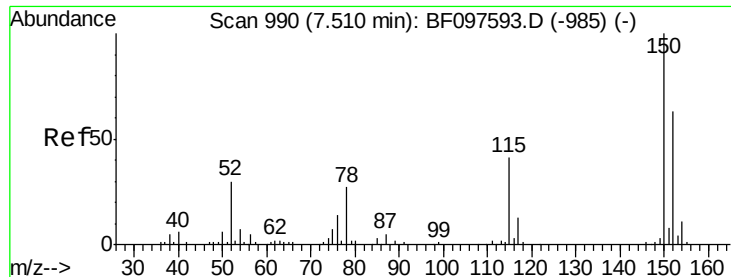
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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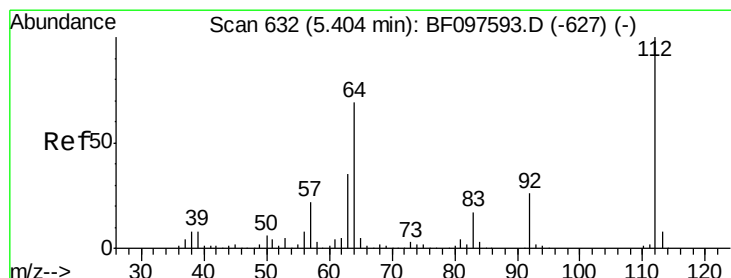
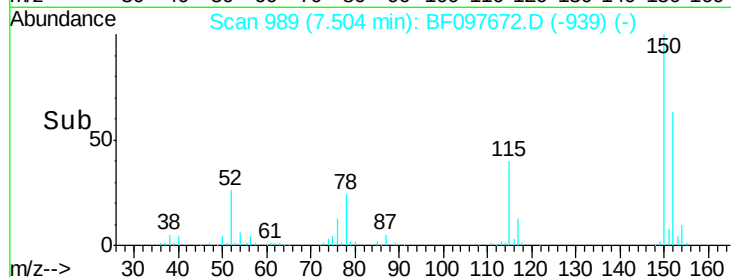
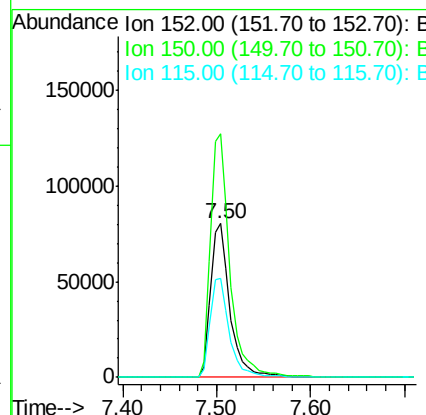
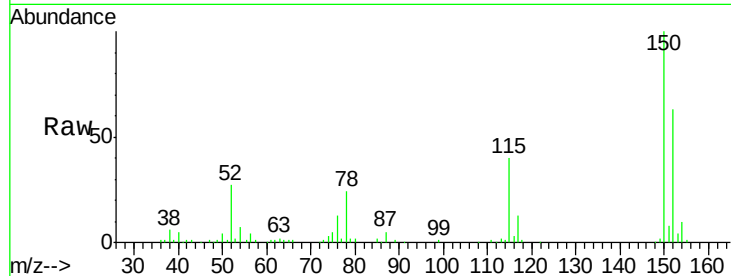


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :
E2-G10-SSW

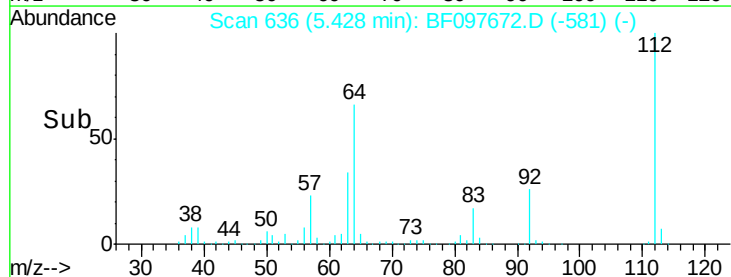
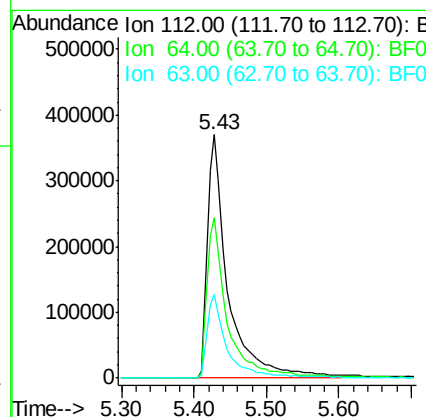
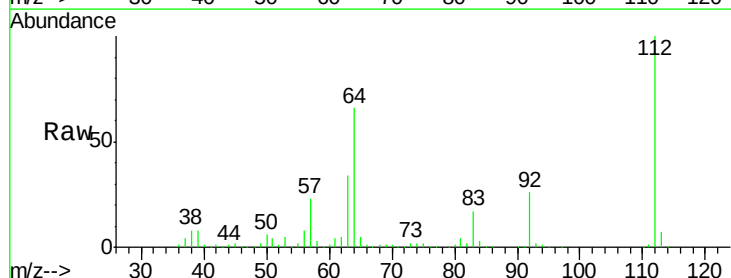
Tot Ion:152 Resp: 116442
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 64.0 52.2 78.2

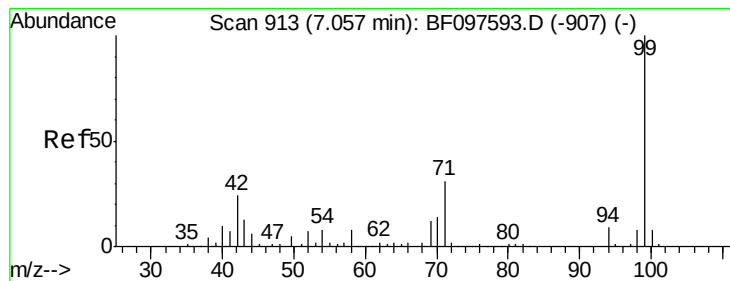


#5

2-Fluorophenol
Concen: 99.79 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

Tgt Ion:112 Resp: 731021
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 34.2 23.4 35.0





#7

Phenol-d6

Concen: 92.39 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

E2-G10-SSW

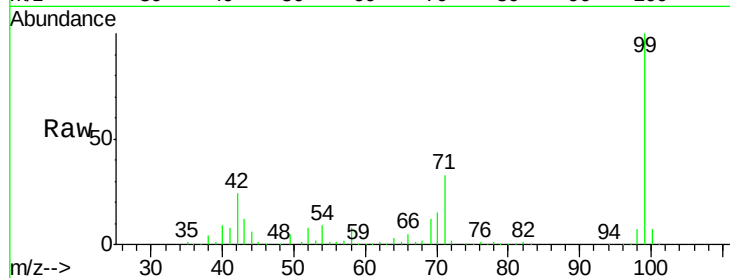
Tot Ion: 99 Resp: 839639

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

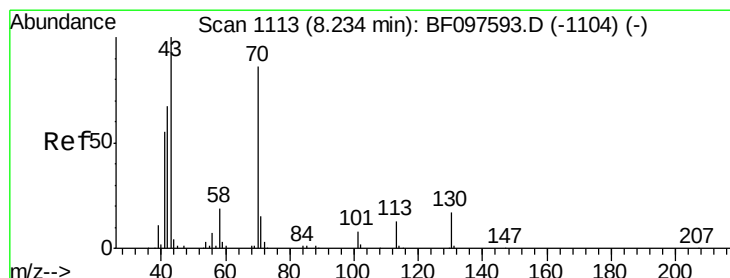
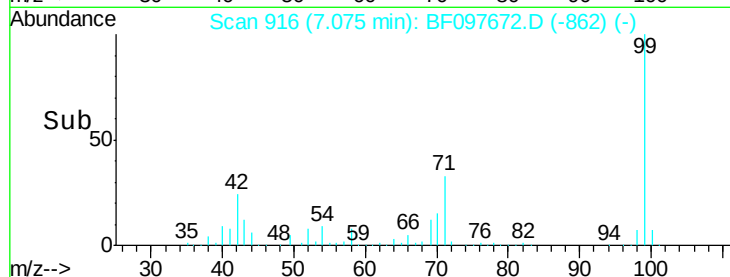
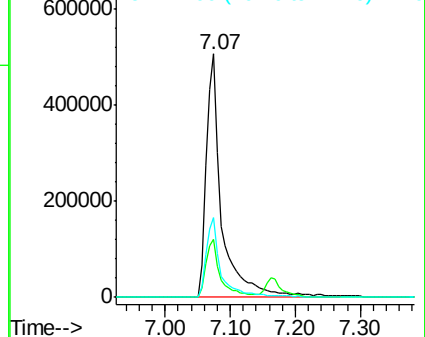
71 32.7 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.40 ng

RT: 8.41 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

Tgt Ion: 70 Resp: 65707

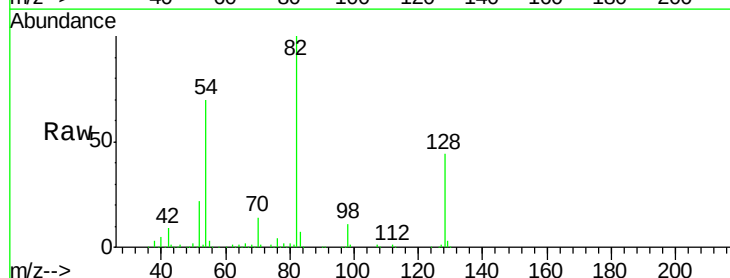
Ion Ratio Lower Upper

70 100

42 62.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

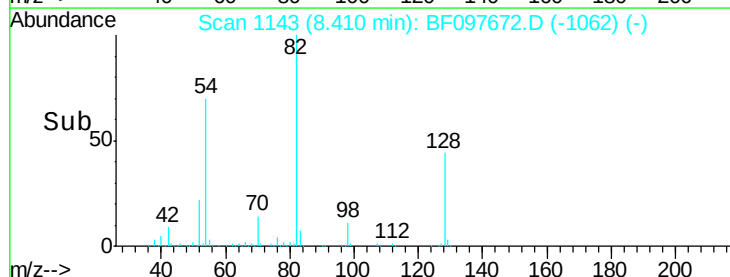
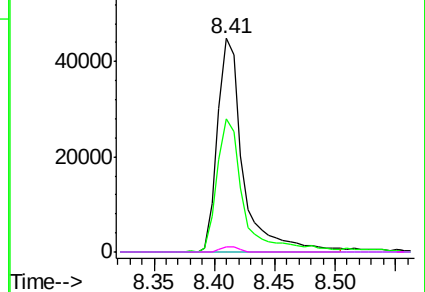


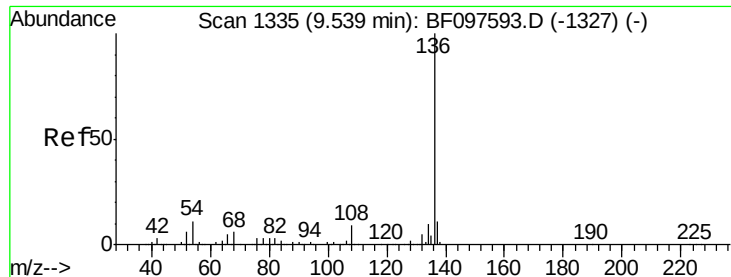
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF097672.D

Acq: 13 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

E2-G10-SSW

Tot Ion:136 Resp: 514800

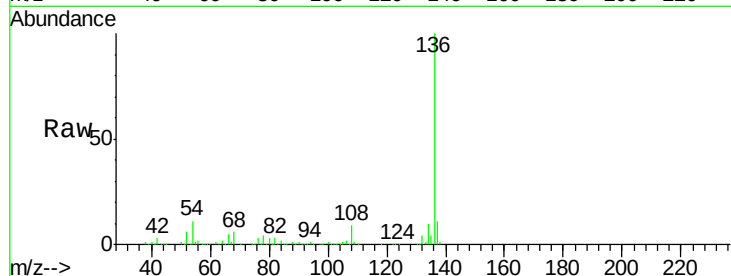
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 11.2 4.9 7.3#

68 5.9 4.1 6.1

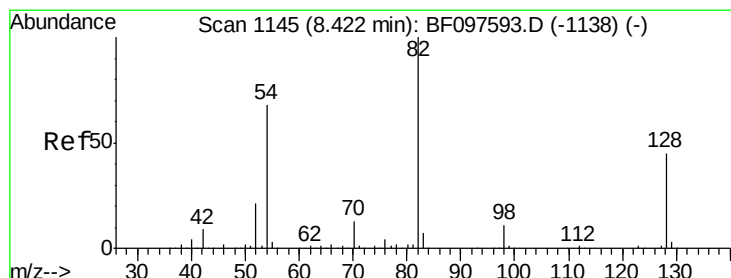
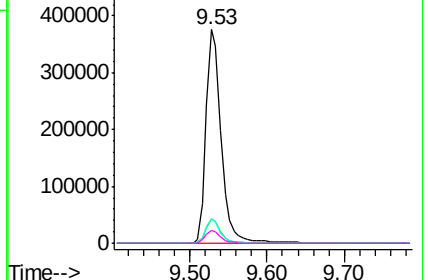
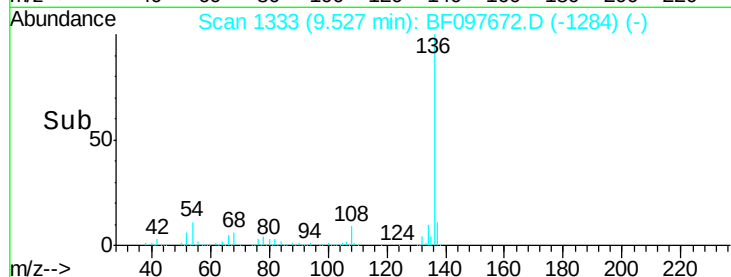


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.28 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

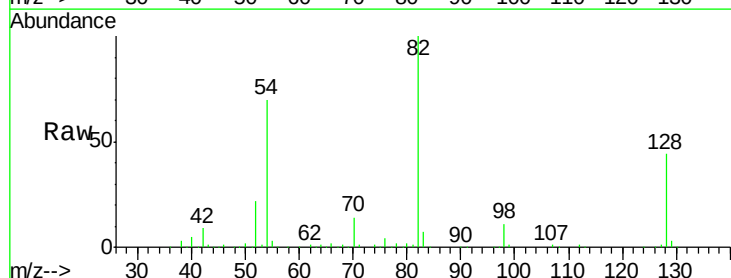
Tgt Ion: 82 Resp: 503094

Ion Ratio Lower Upper

82 100

128 44.2 34.0 51.0

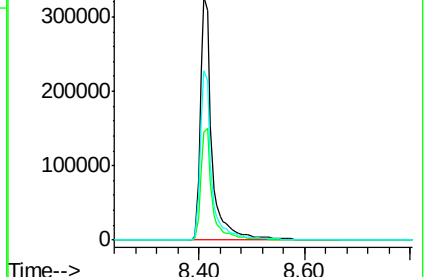
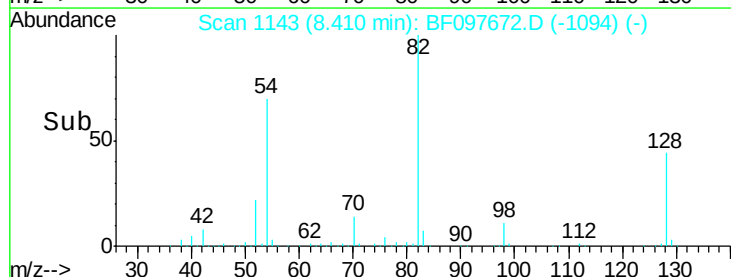
54 69.7 42.2 63.2#

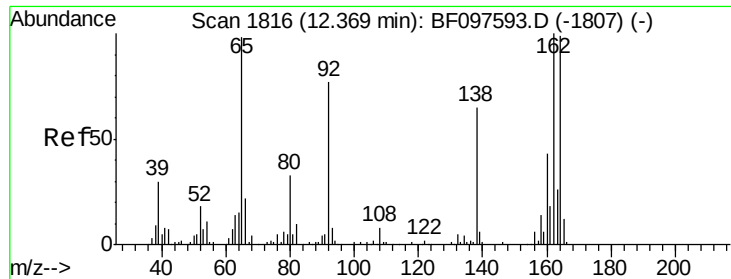


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF097672.D

Acq: 13 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

E2-G10-SSW

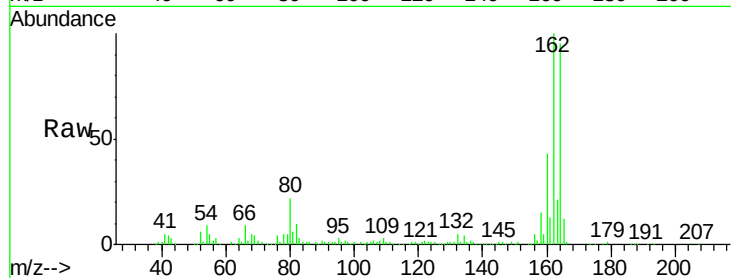
Tot Ion:164 Resp: 191778

Ion Ratio Lower Upper

164 100

162 105.7 82.6 123.8

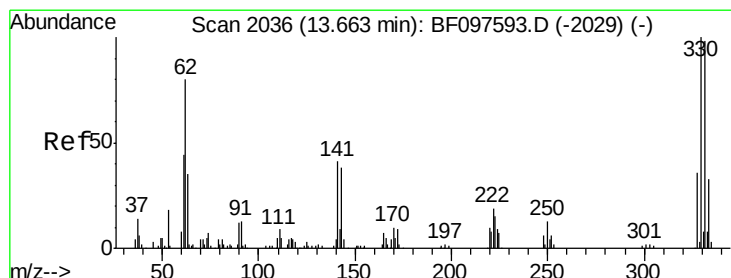
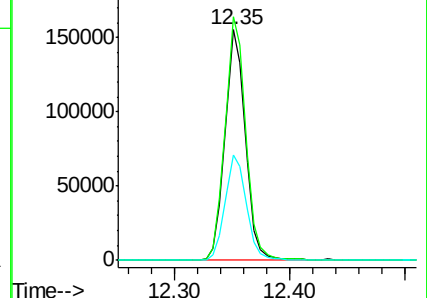
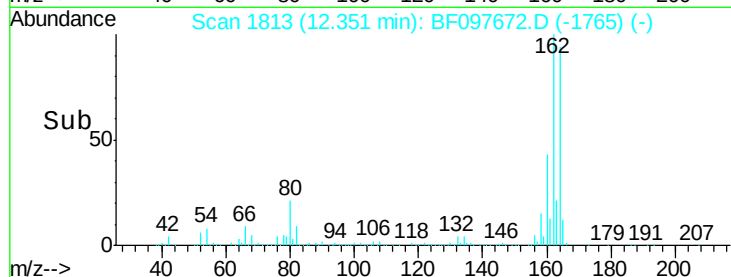
160 45.7 36.2 54.2



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: 79.31 ng

RT: 13.65 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

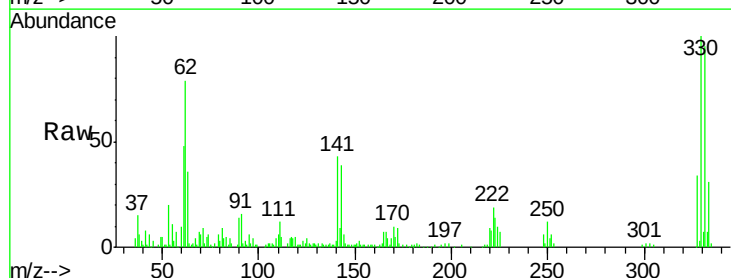
Tgt Ion:330 Resp: 115619

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

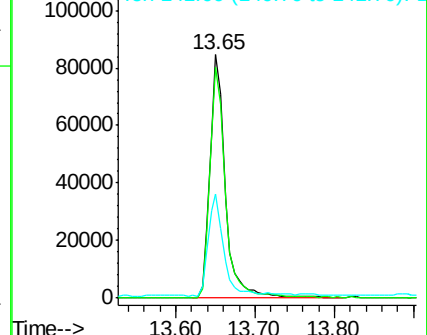
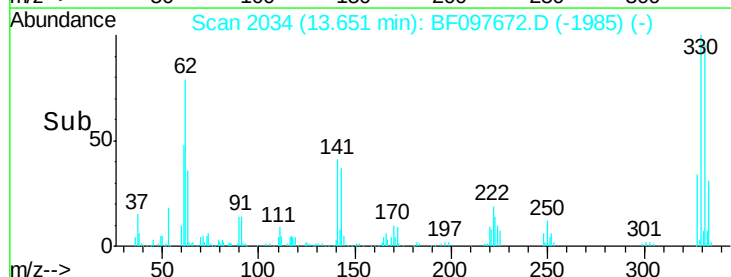
141 42.0 31.4 47.2

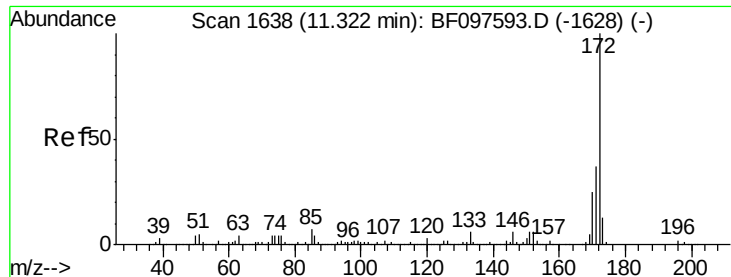


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

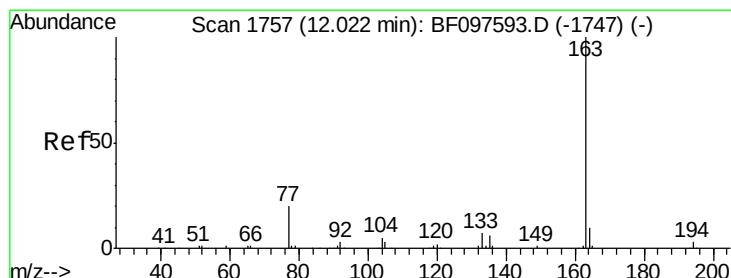
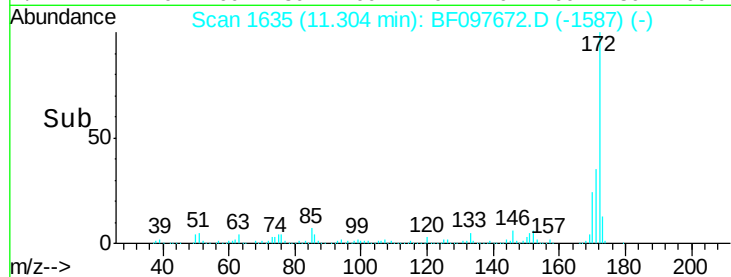
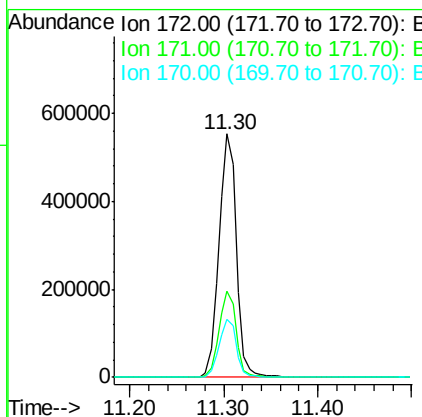
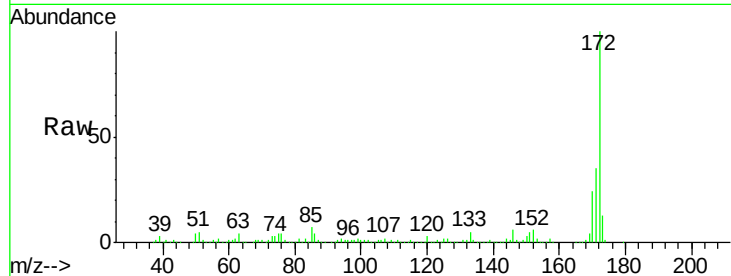




#44
2-Fluorobiphenyl
Concen: 56.48 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

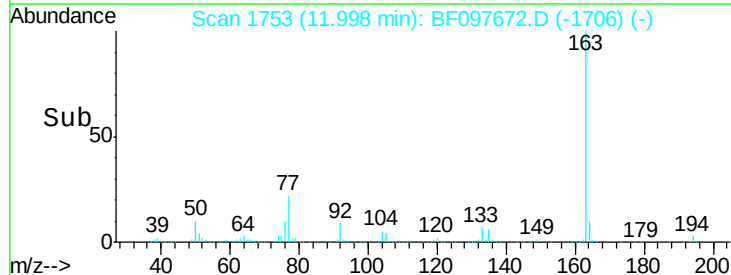
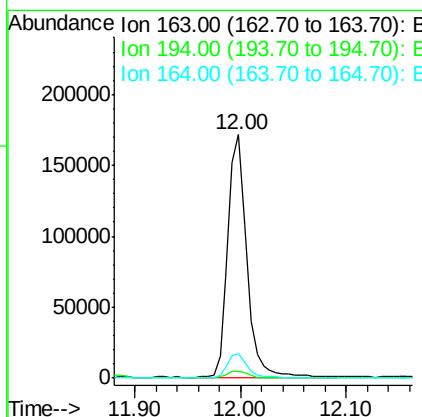
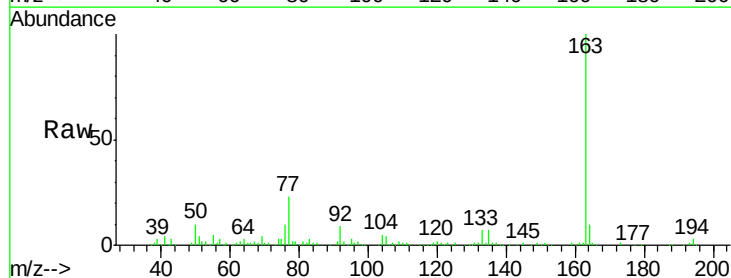
Instrument :
BNA_F
ClientSampleId :
E2-G10-SSW

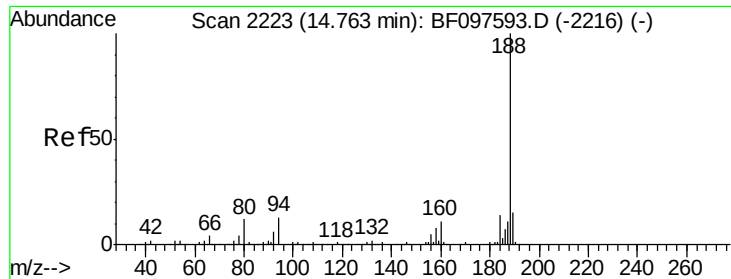
Tot Ion:172 Resp: 717650
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 23.9 19.8 29.8



#49
Dimethylphthalate
Concen: 14.37 ng
RT: 12.00 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

Tgt Ion:163 Resp: 212435
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.3 8.4 12.6

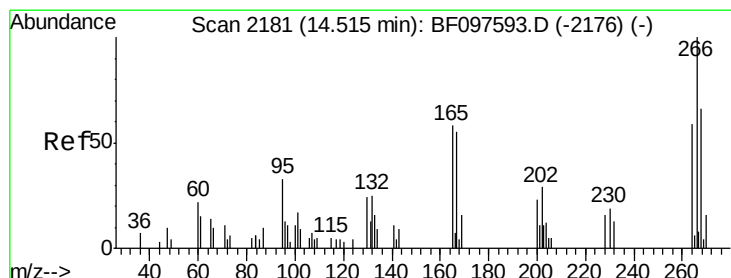
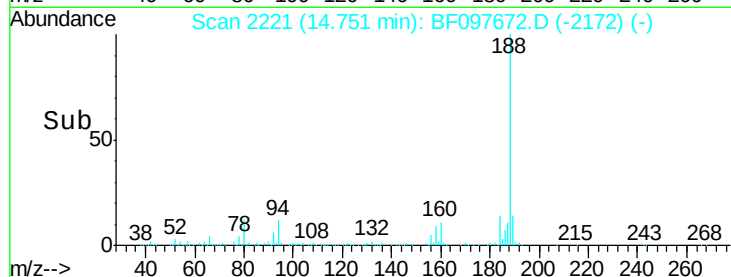
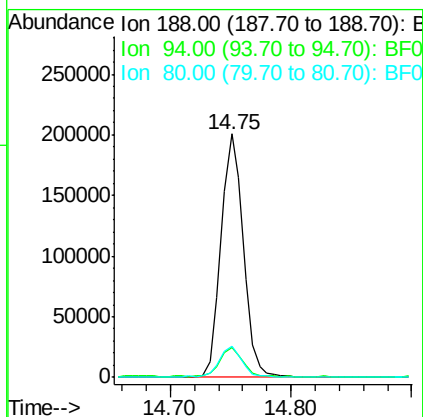
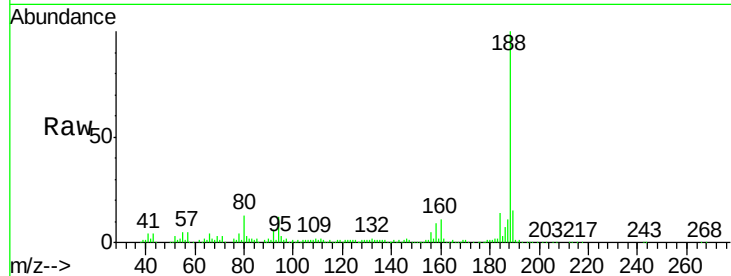




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

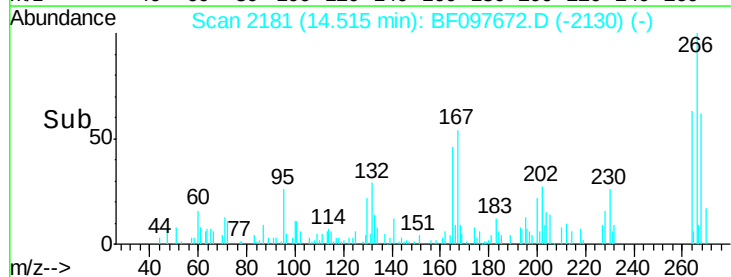
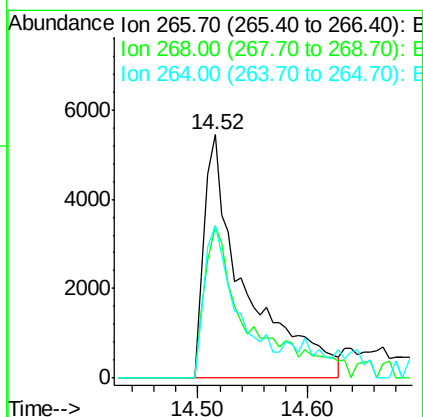
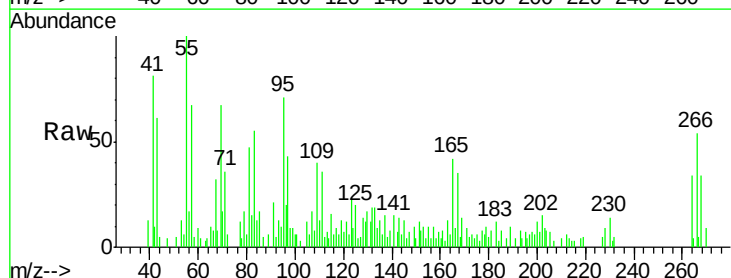
Instrument :
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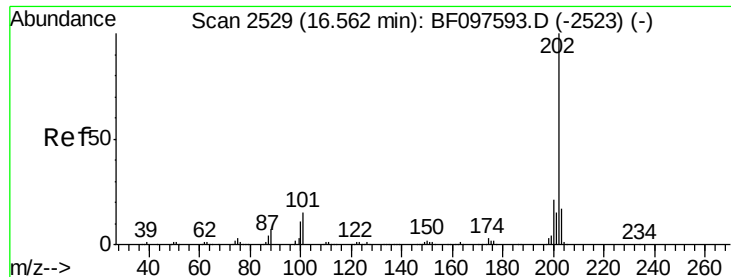
Tot Ion:188 Resp: 257270
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.2
80 12.7 10.2 15.2



#69
Pentachlorophenol
Concen: 27.67 ng
RT: 14.52 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

Tgt Ion:266 Resp: 13961
Ion Ratio Lower Upper
266 100
268 62.0 51.1 76.7
264 69.1 51.7 77.5





#74

Fluoranthene

Concen: 2.50 ng

RT: 16.56 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

E2-G10-SSW

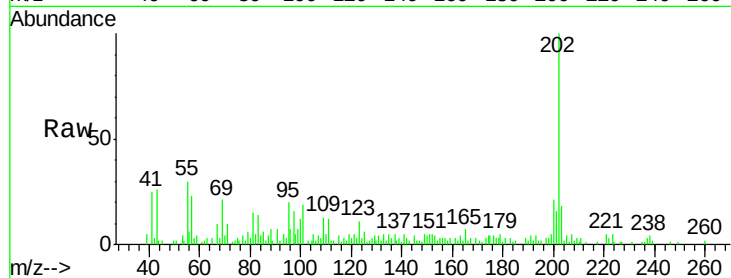
Tot Ion:202 Resp: 33458

Ion Ratio Lower Upper

202 100

101 18.5 0.0 33.2

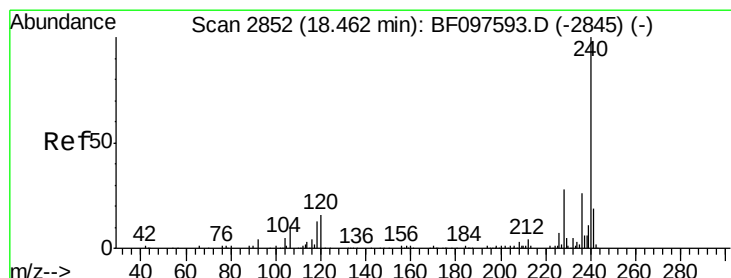
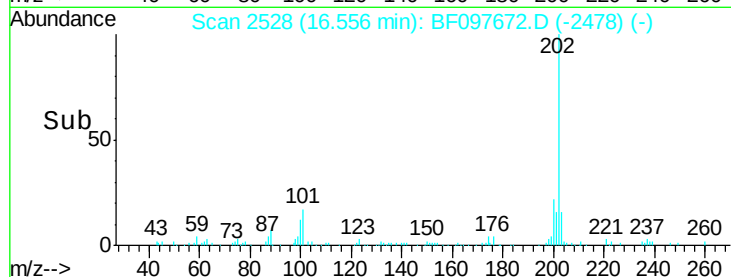
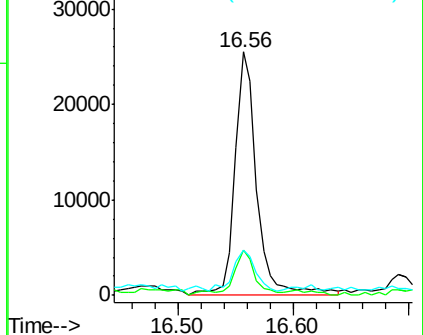
203 18.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.45 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

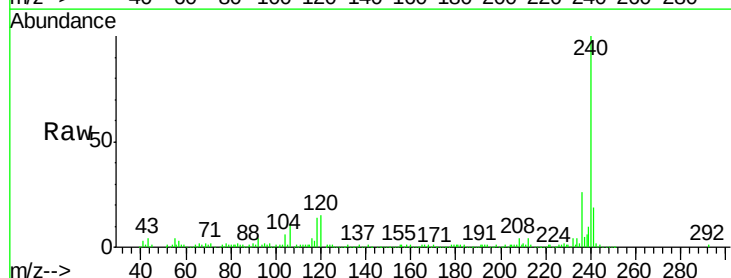
Tgt Ion:240 Resp: 219593

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

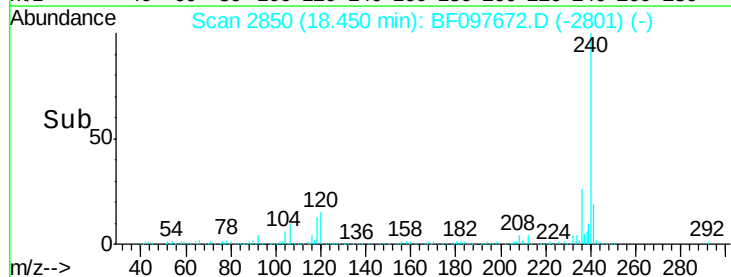
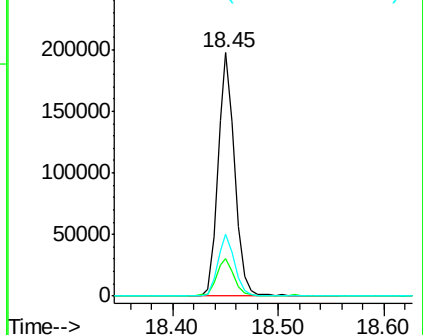
236 25.6 20.5 30.7

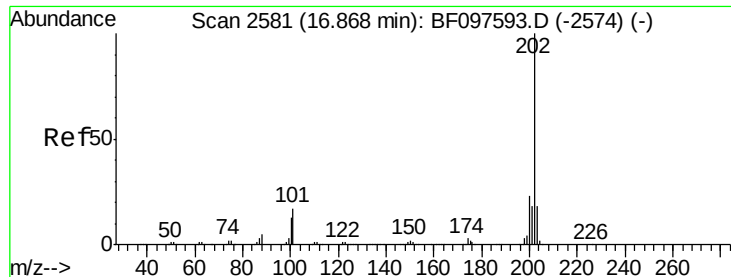


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.40 ng

RT: 16.86 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

E2-G10-SSW

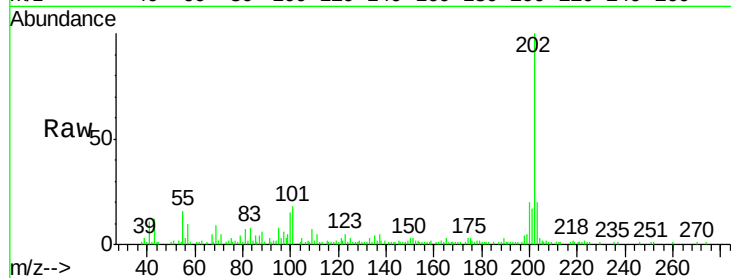
Tot Ion:202 Resp: 61792

Ion Ratio Lower Upper

202 100

200 20.2 17.6 26.4

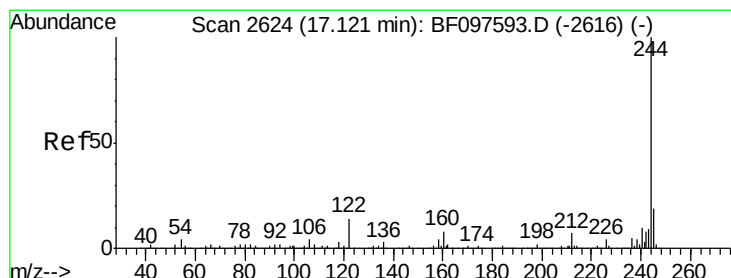
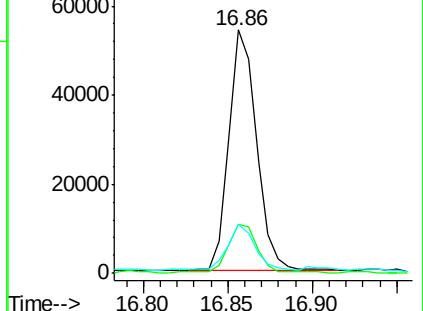
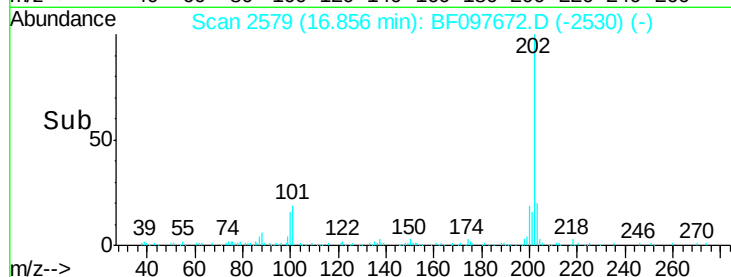
203 20.3 14.4 21.6



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: 34.05 ng

RT: 17.10 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

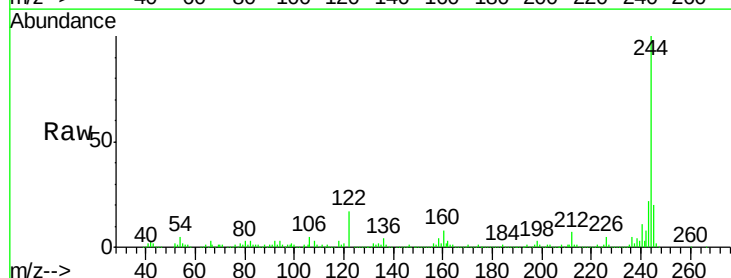
Tgt Ion:244 Resp: 361232

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

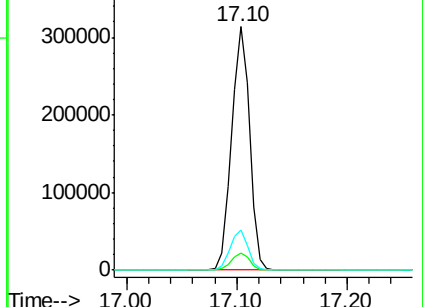
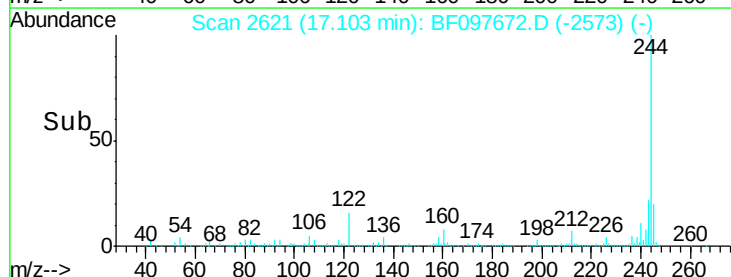
122 16.5 10.3 15.5#

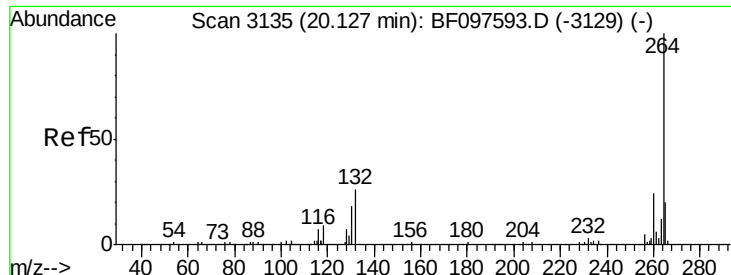


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

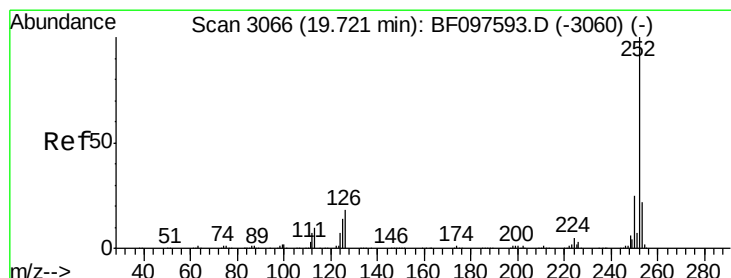
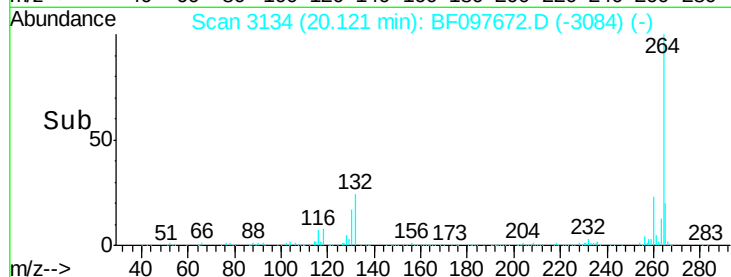
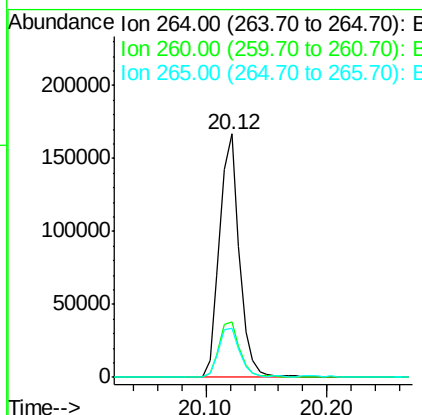
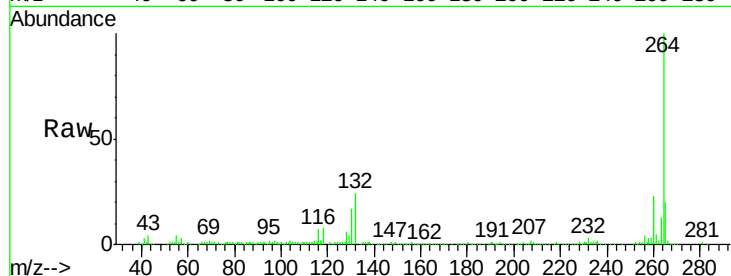




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.12 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

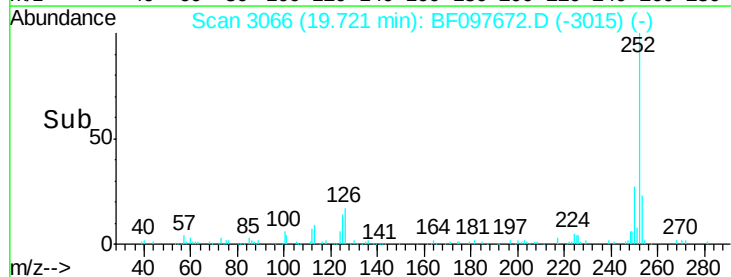
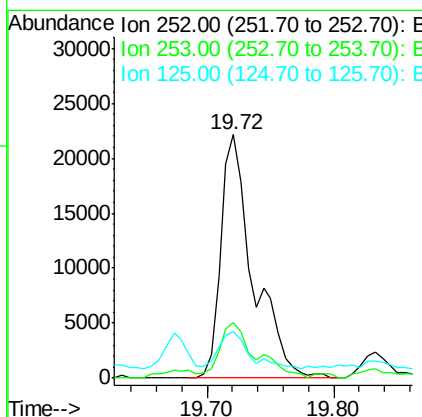
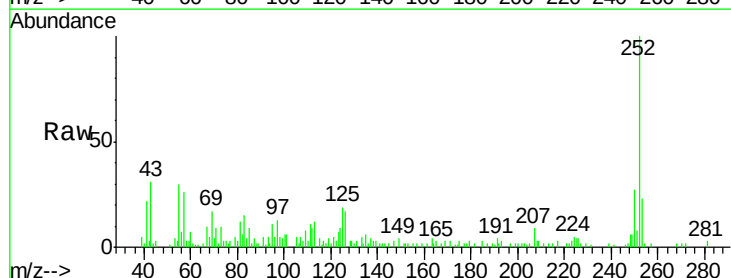
Instrument :
BNA_F
ClientSampleId :
E2-G10-SSW

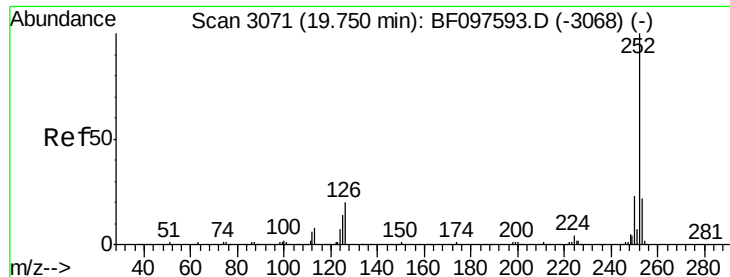
Tot Ion:264 Resp: 189349
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 20.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.46 ng
RT: 19.72 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BF097672.D
Acq: 13 Aug 2017 13:52

Tgt Ion:252 Resp: 39388
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 18.8 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 3.44 ng

RT: 19.72 min Scan# 3066

Delta R.T. -0.03 min

Lab File: BF097672.D

Acq: 13 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

E2-G10-SSW

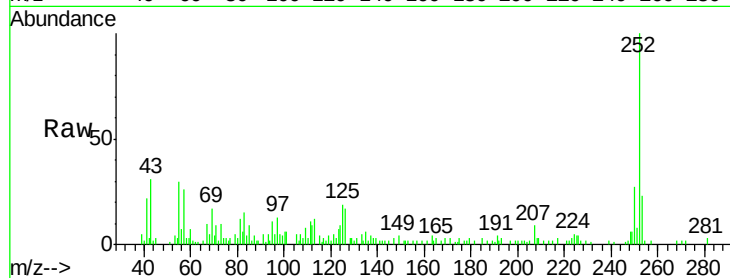
Tot Ion:252 Resp: 39388

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

125 18.8 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

