

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097666.D
 Acq On : 13 Aug 2017 10:36
 Operator : SJ/JU
 Sample : I4736-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Aug 14 05:29:23 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

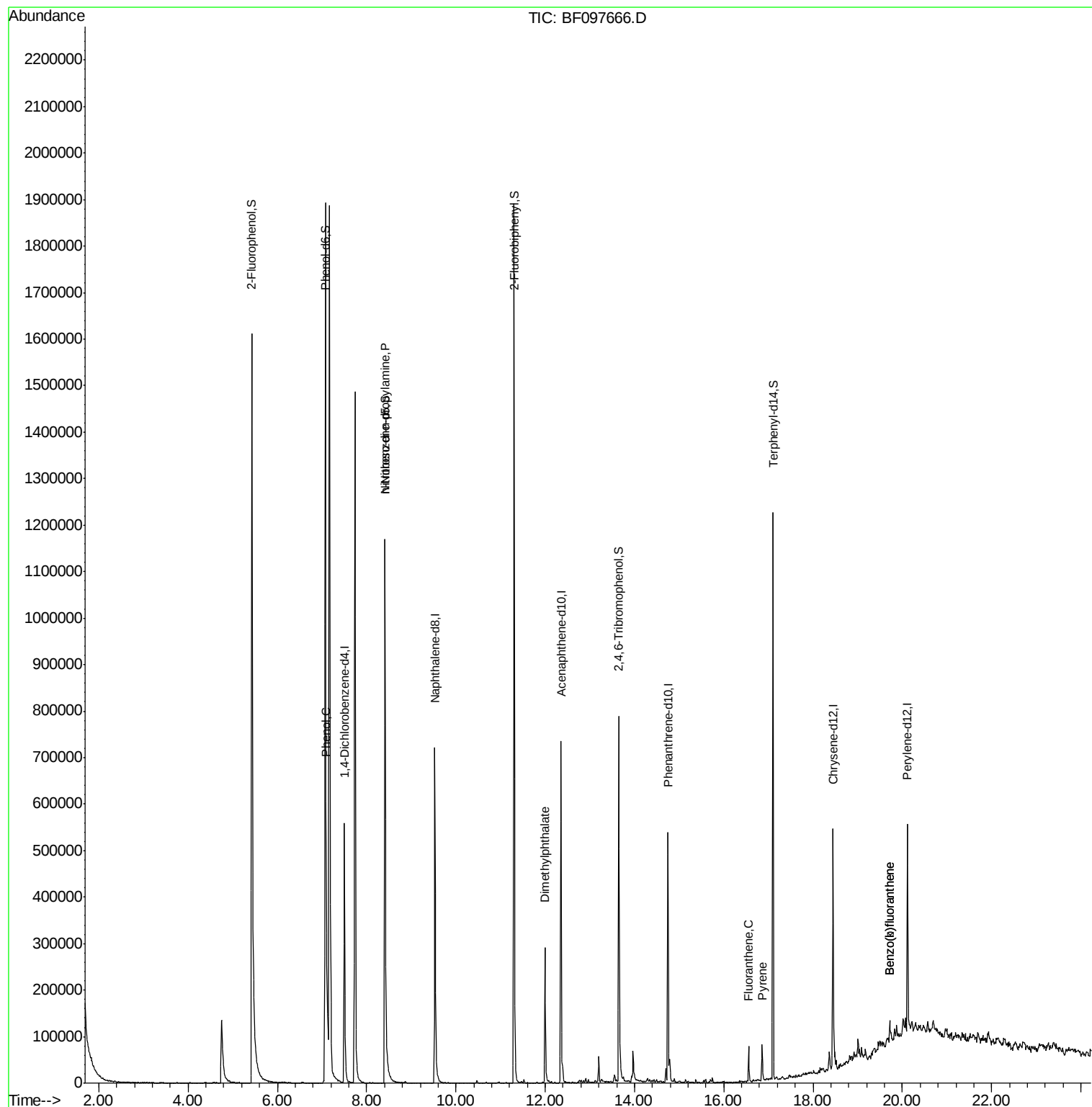
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	126605	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	526450	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	195758	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	270678	20.00	ng	-0.01
75) Chrysene-d12	18.44	240	204301	20.00	ng	-0.02
86) Perylene-d12	20.11	264	172037	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	874596	109.80	ng	0.02
7) Phenol-d6	7.07	99	1020917	103.32	ng	0.02
23) Nitrobenzene-d5	8.41	82	588074	70.04	ng	-0.01
41) 2,4,6-Tribromophenol	13.65	330	116949	78.59	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	843615	65.04	ng	-0.02
78) Terphenyl-d14	17.10	244	435358	44.10	ng	-0.02
Target Compounds						
10) Phenol	7.09	94	39981	3.70	ng	# 65
19) n-Nitroso-di-n-propylamine	8.41	70	75216	10.94	ng	# 87
49) Dimethylphthalate	12.00	163	178519	11.83	ng	99
74) Fluoranthene	16.56	202	38052	2.70	ng	93
77) Pyrene	16.86	202	35500	2.10	ng	98
87) Benzo(b)fluoranthene	19.72	252	26315	2.55	ng	# 91
88) Benzo(k)fluoranthene	19.72	252	26315	2.53	ng	# 94

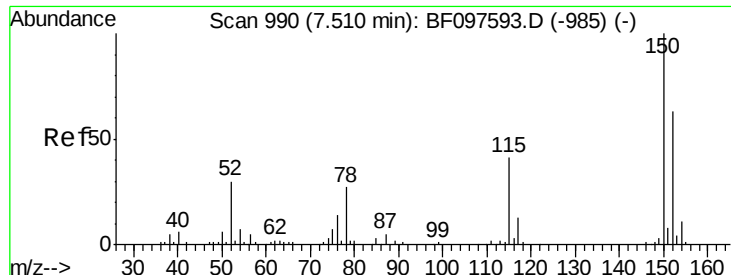
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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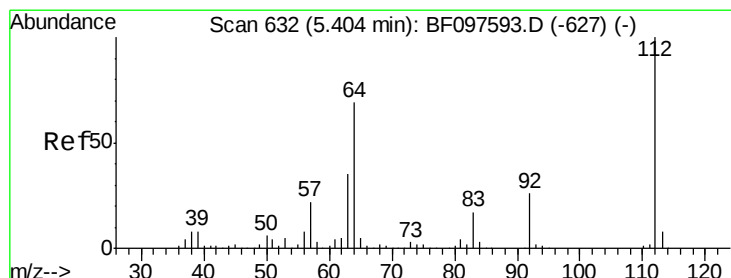
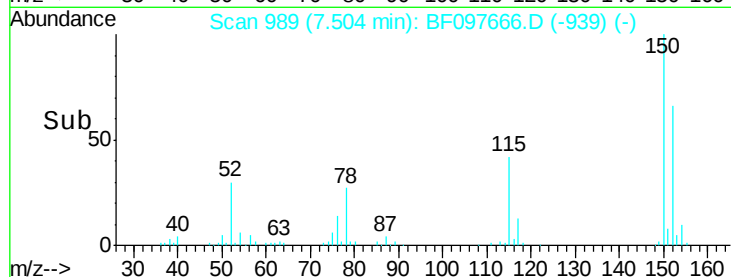
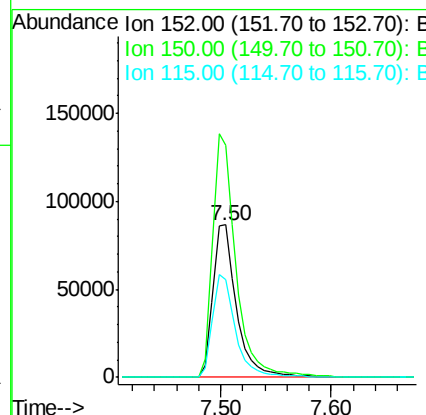
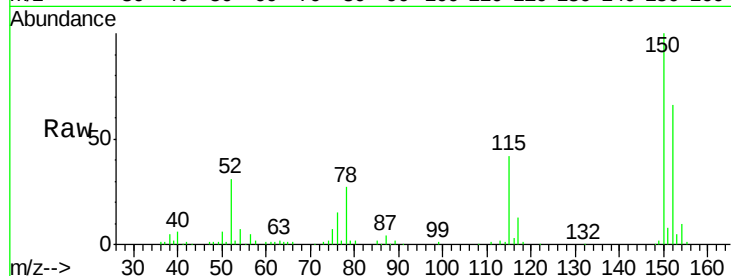


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

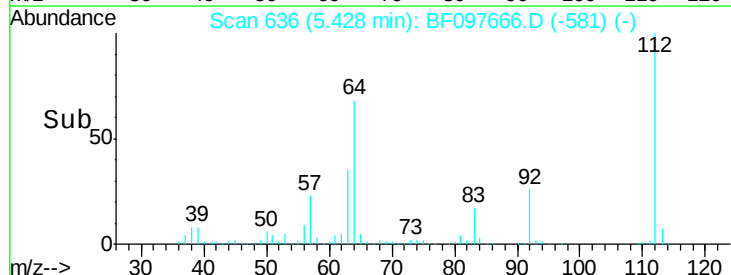
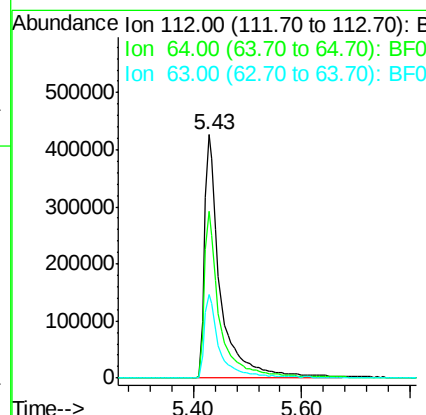
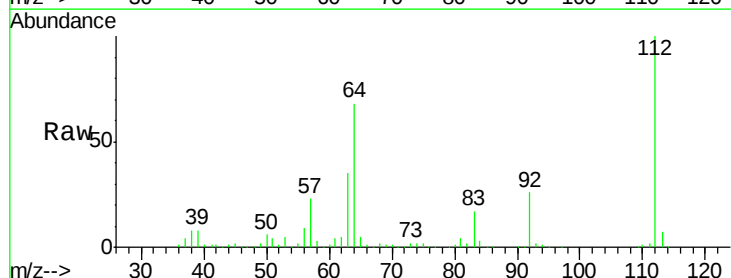
Tot Ion:152 Resp: 126605
Ion Ratio Lower Upper
152 100
150 152.2 126.2 189.2
115 63.8 52.2 78.2

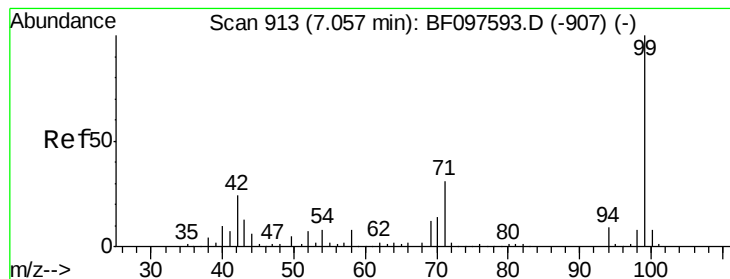


#5

2-Fluorophenol
Concen: 109.80 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

Tgt Ion:112 Resp: 874596
Ion Ratio Lower Upper
112 100
64 68.4 46.0 69.0
63 34.5 23.4 35.0





#7

Phenol-d6

Concen: 103.32 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

Instrument :

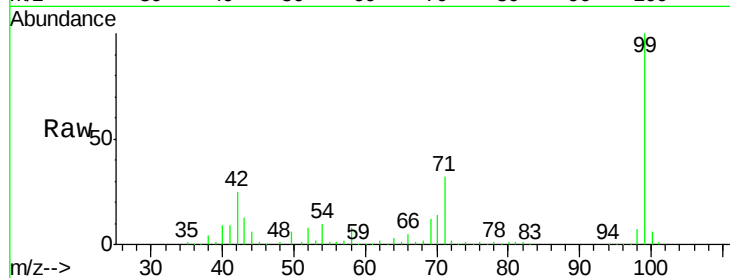
BNA_F

ClientSampleId :

SB-10-COMP

Tot Ion: 99 Resp: 1020917

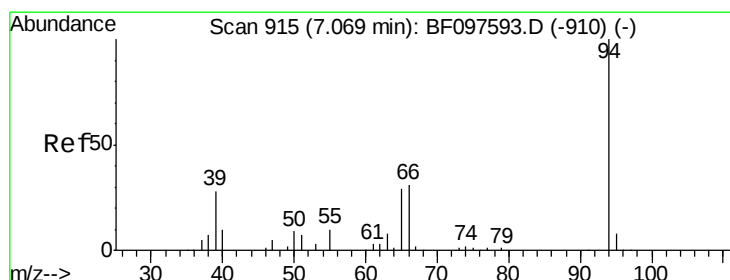
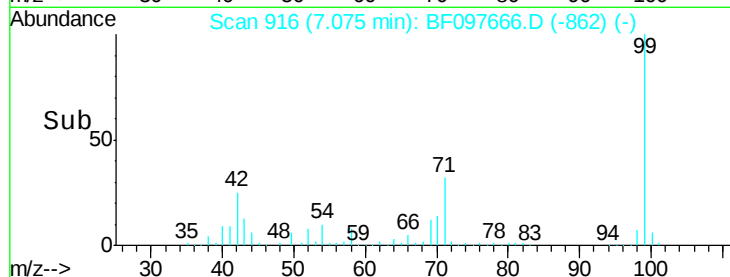
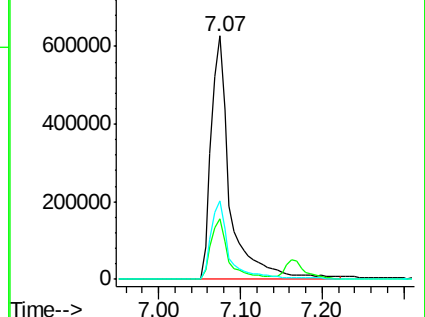
Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.5	20.3#
71	32.2	24.5	36.7



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



#10

Phenol

Concen: 3.70 ng

RT: 7.09 min Scan# 919

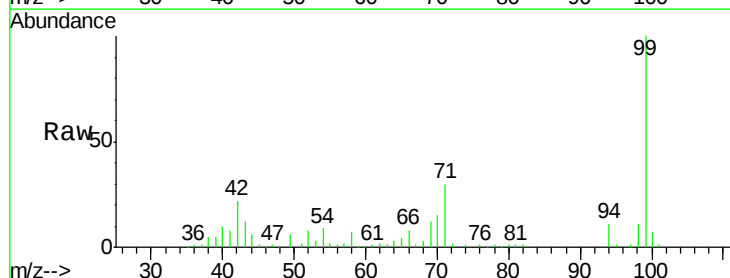
Delta R.T. 0.02 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

Tgt Ion: 94 Resp: 39981

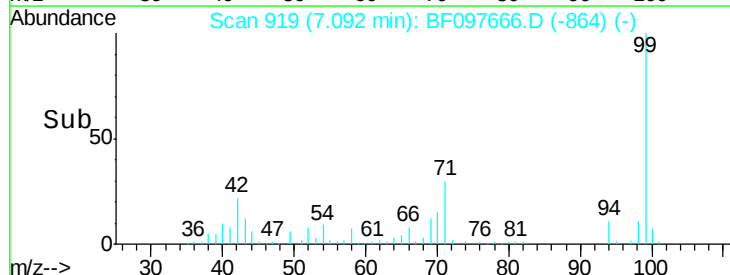
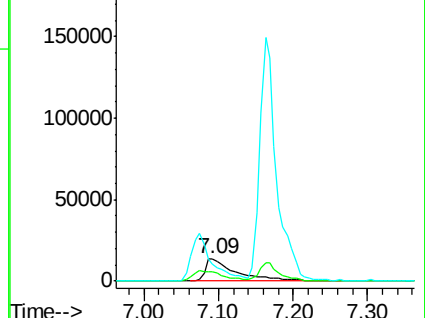
Ion	Ratio	Lower	Upper
94	100		
65	39.7	9.9	49.9
66	73.1	23.1	63.1#

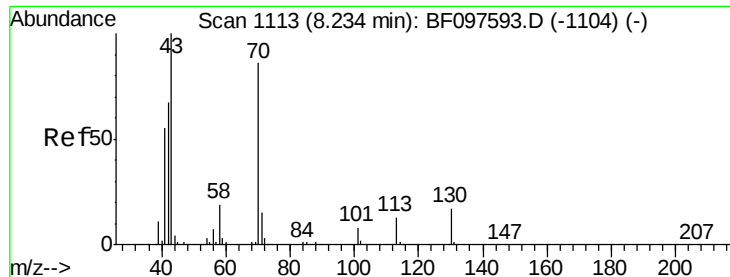


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

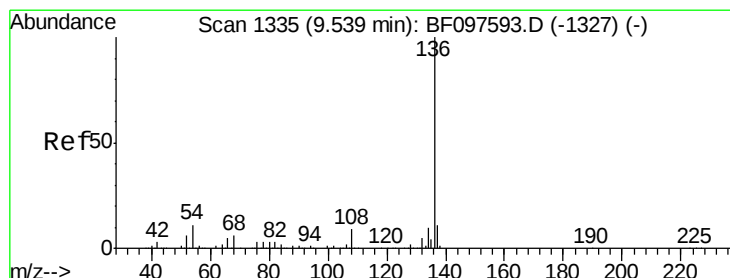
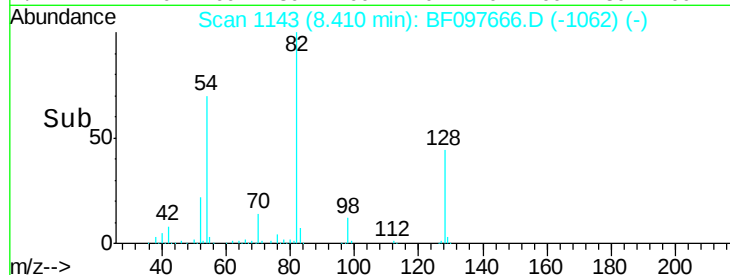
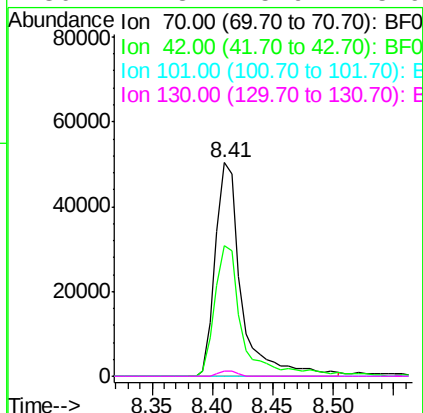
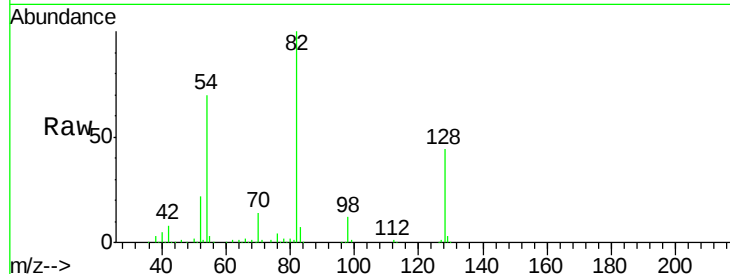




#19
n-Nitroso-di-n-propylamine
Concen: 10.94 ng
RT: 8.41 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

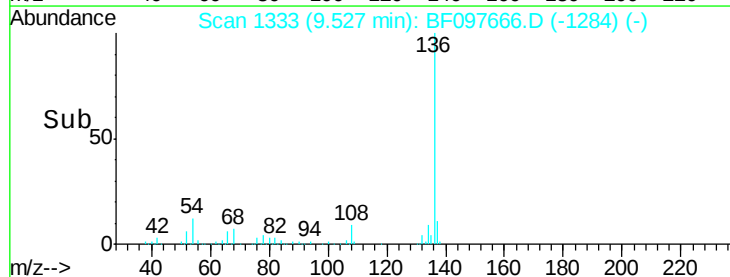
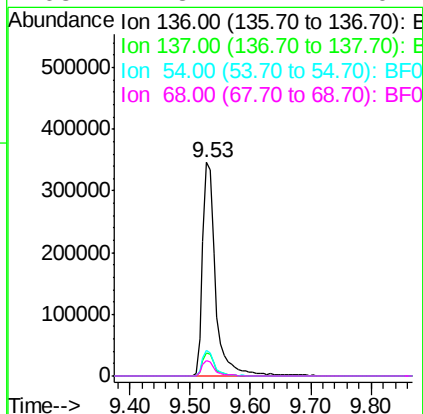
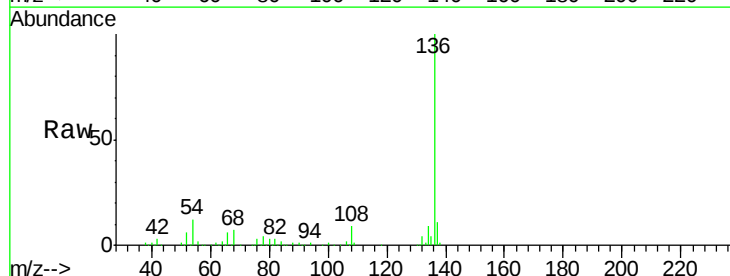
Instrument :
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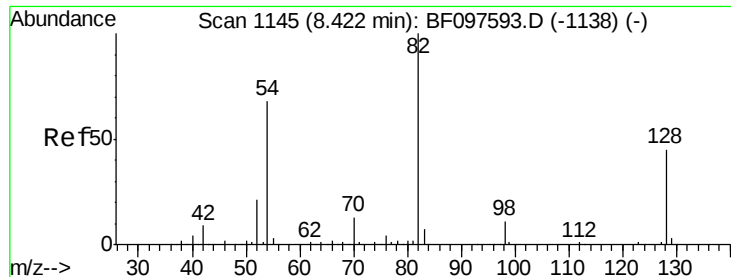
Tot Ion: 70 Resp: 75216
Ion Ratio Lower Upper
70 100
42 61.1 47.2 70.8
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

Tgt Ion: 136 Resp: 526450
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.1 4.9 7.3#
68 7.3 4.1 6.1#

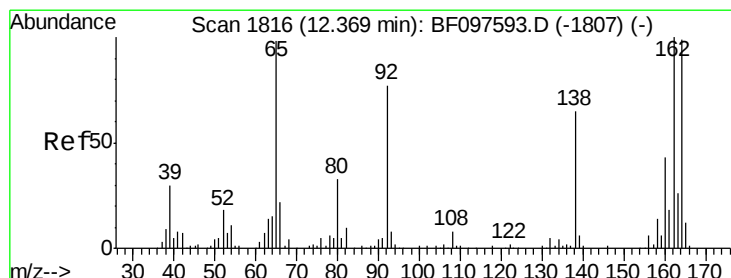
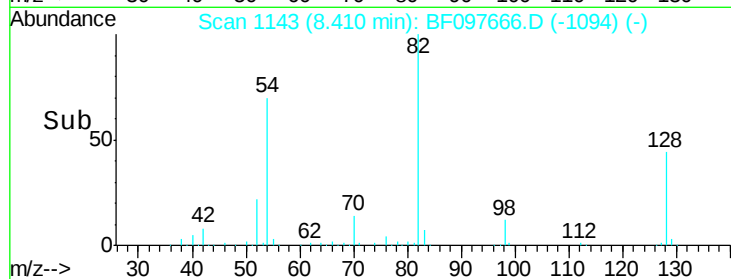
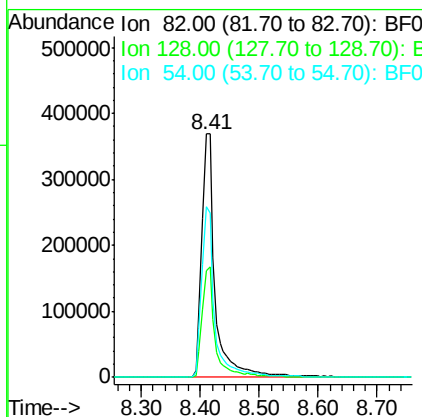
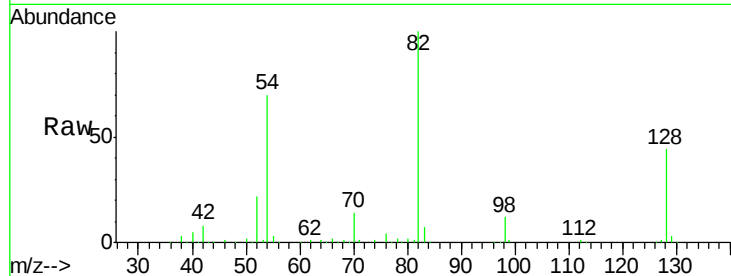




#23
Nitrobenzene-d5
Concen: 70.04 ng
RT: 8.41 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

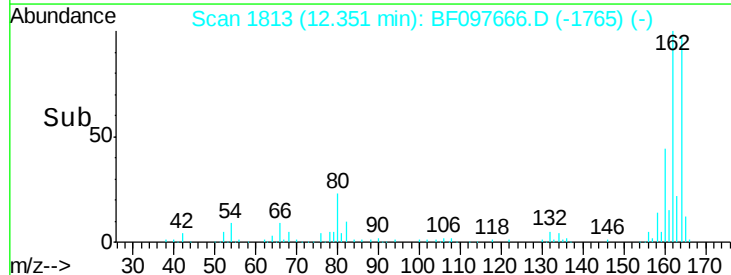
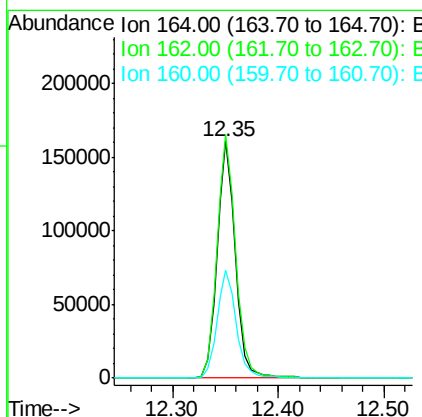
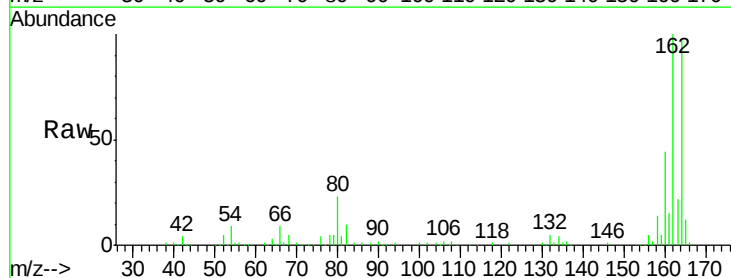
Instrument :
BNA_F
ClientSampleId :
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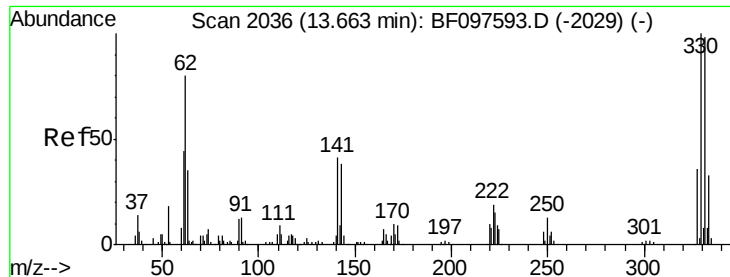
Tot Ion: 82 Resp: 588074
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 69.9 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.35 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

Tgt Ion:164 Resp: 195758
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.5 36.2 54.2

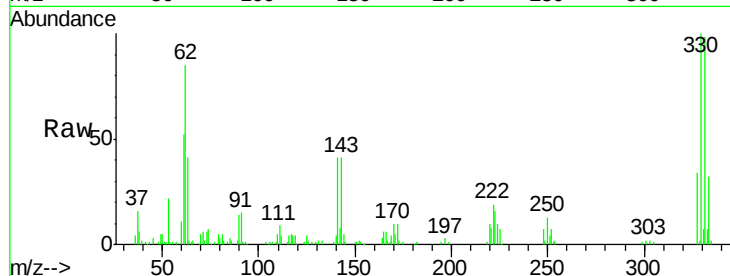




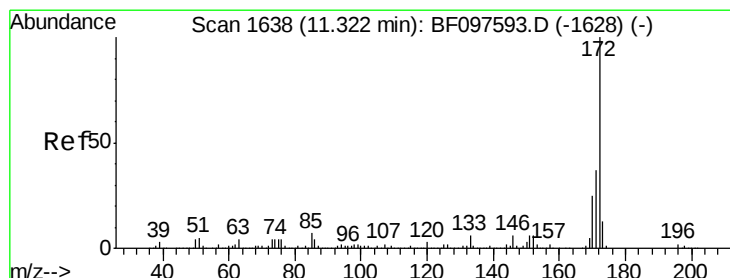
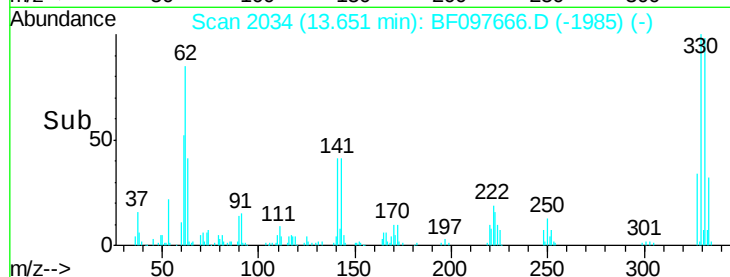
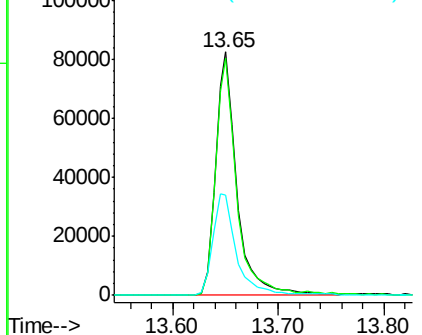
#41
 2,4,6-Tribromophenol
 Concen: 78.59 ng
 RT: 13.65 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF097666.D
 Acq: 13 Aug 2017 10:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion:330 Resp: 116949
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 46.5 31.4 47.2

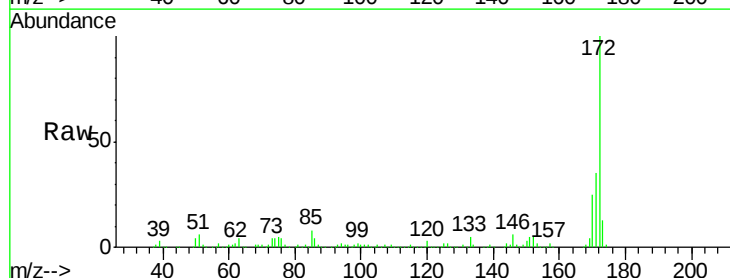


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

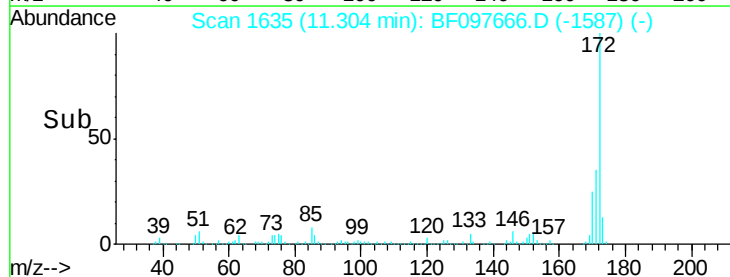
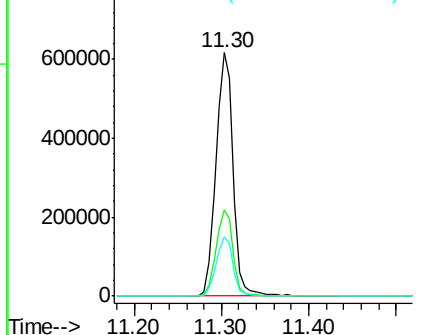


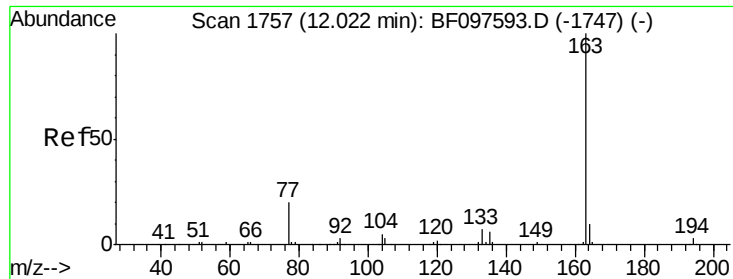
#44
 2-Fluorobiphenyl
 Concen: 65.04 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097666.D
 Acq: 13 Aug 2017 10:36

Tgt Ion:172 Resp: 843615
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 24.6 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: 11.83 ng

RT: 12.00 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

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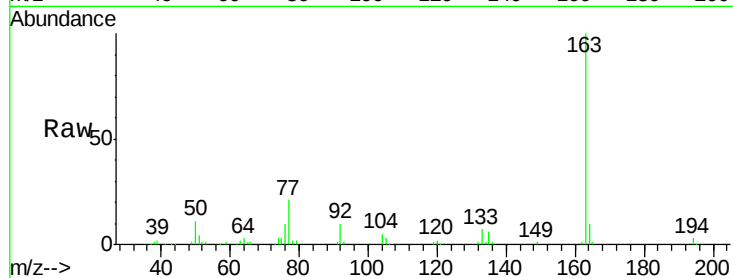
Tot Ion:163 Resp: 178519

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

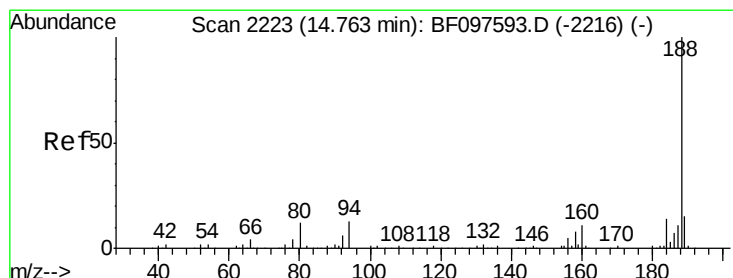
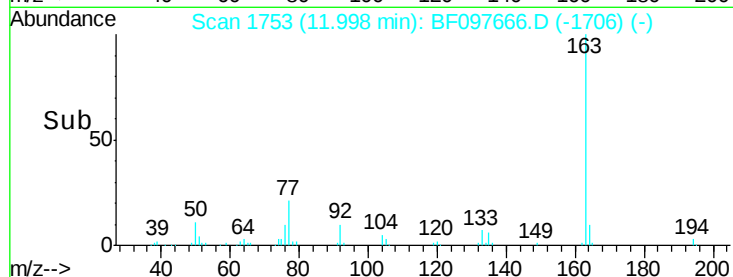
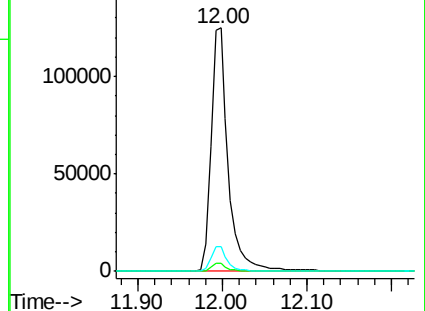
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

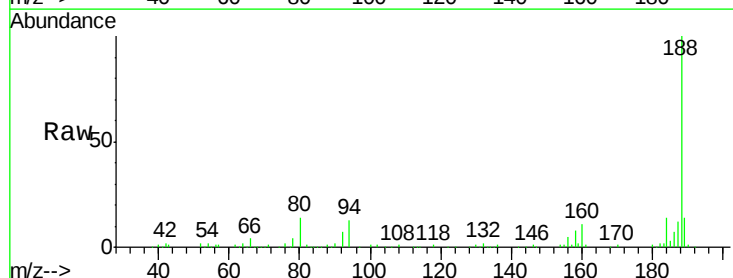
Tgt Ion:188 Resp: 270678

Ion Ratio Lower Upper

188 100

94 13.2 9.4 14.2

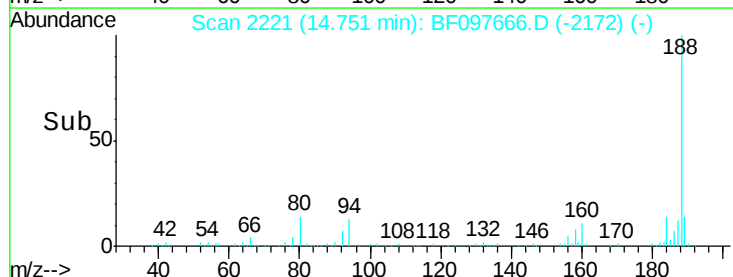
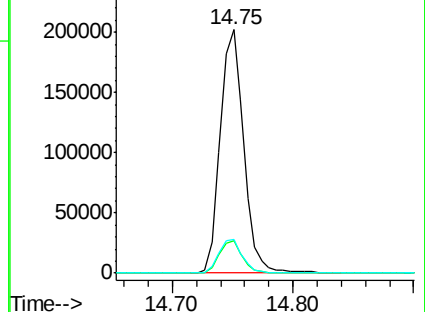
80 13.8 10.2 15.2

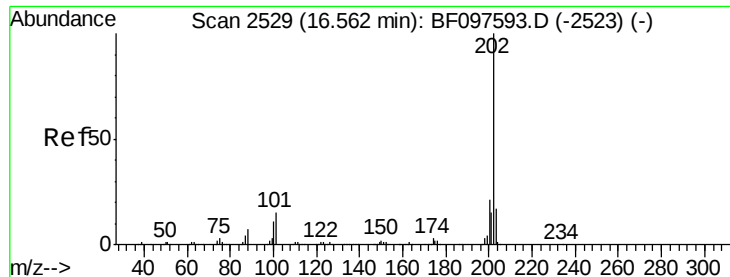


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

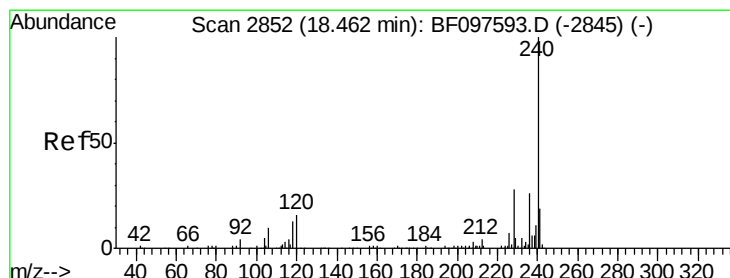
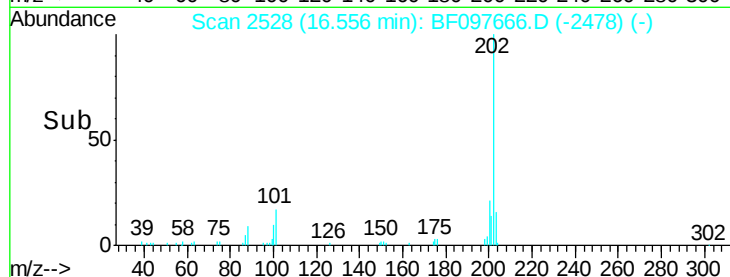
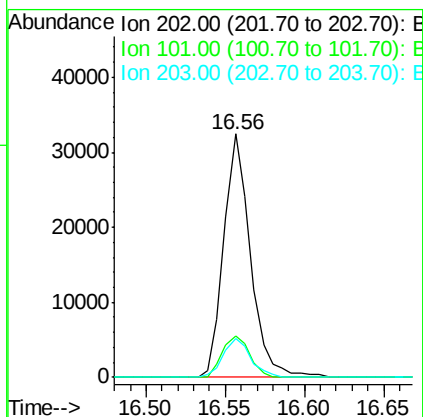
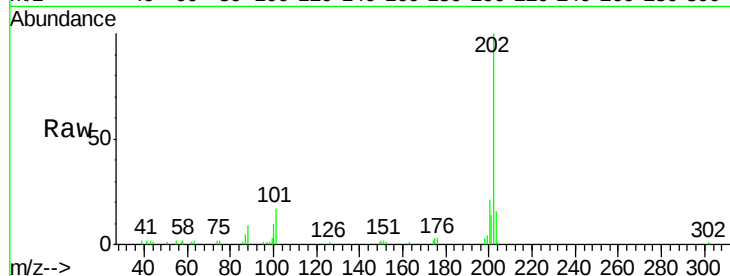




#74
Fluoranthene
Concen: 2.70 ng
RT: 16.56 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

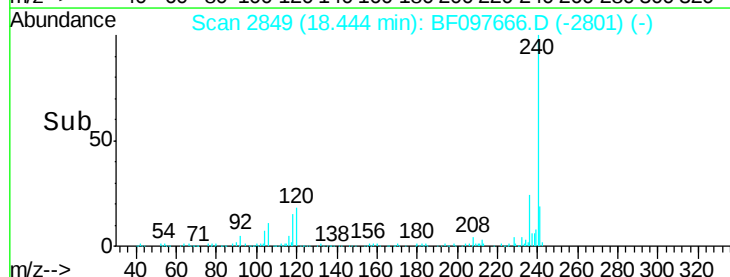
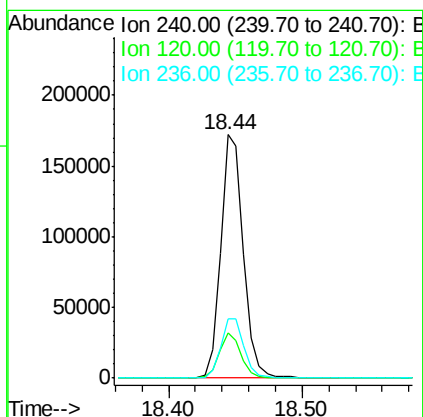
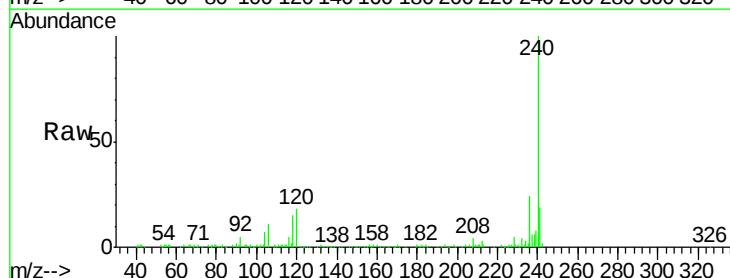
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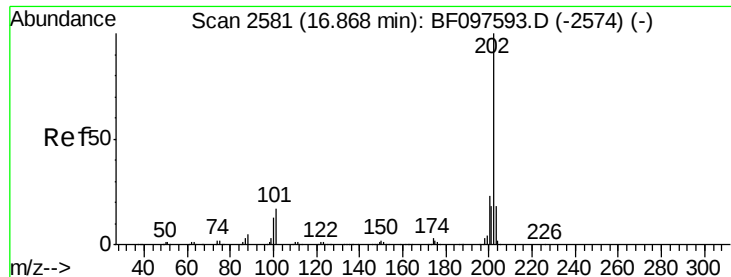
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	33.2
203	15.7	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.44 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BF097666.D
Acq: 13 Aug 2017 10:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.4	5.8	8.8#
236	24.1	20.5	30.7





#77

Pvrene

Concen: 2.10 ng

RT: 16.86 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

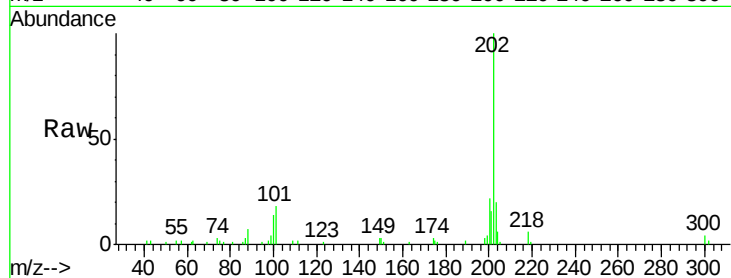
Tot Ion:202 Resp: 35500

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

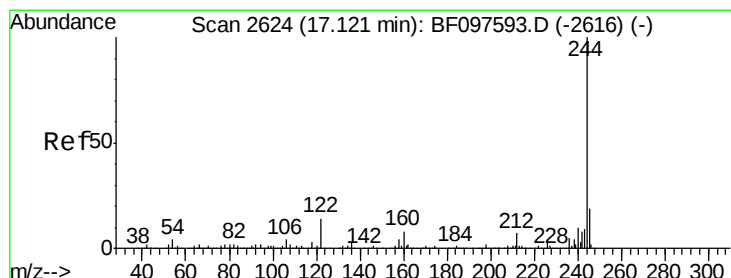
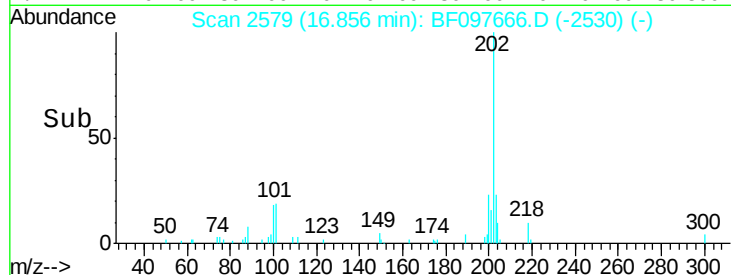
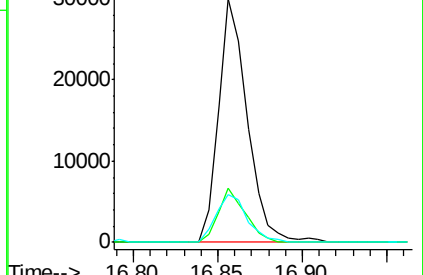
203 19.7 14.4 21.6



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: 44.10 ng

RT: 17.10 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

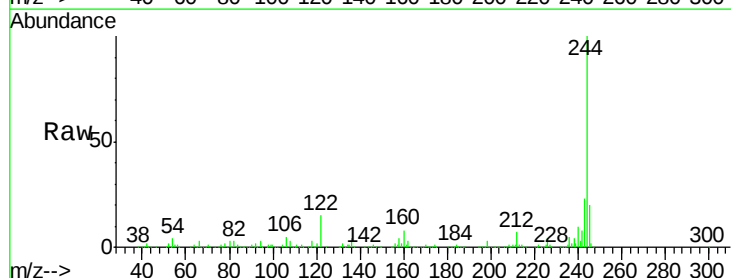
Tgt Ion:244 Resp: 435358

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

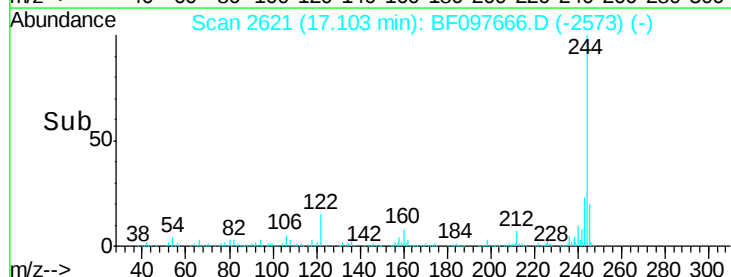
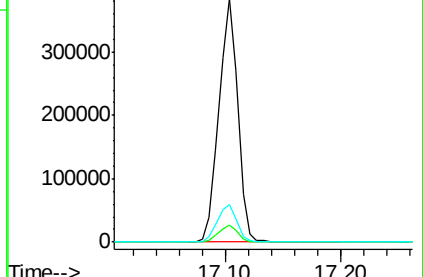
122 15.3 10.3 15.5

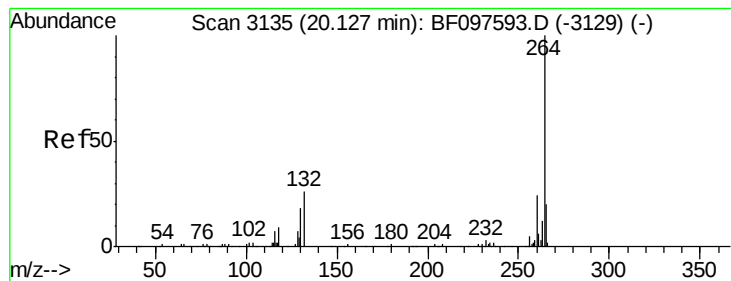


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.11 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

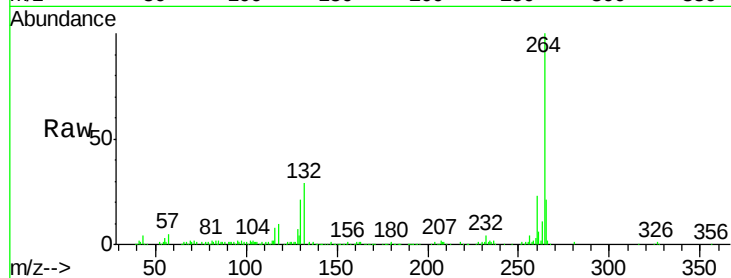
Tot Ion:264 Resp: 172037

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

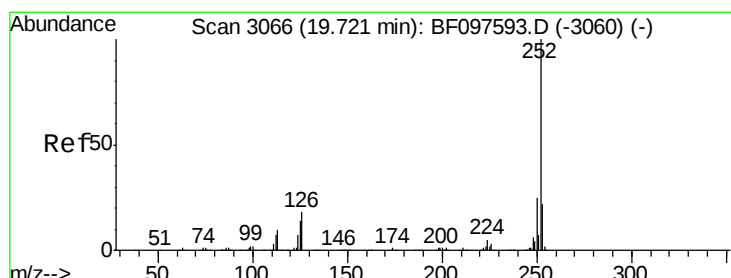
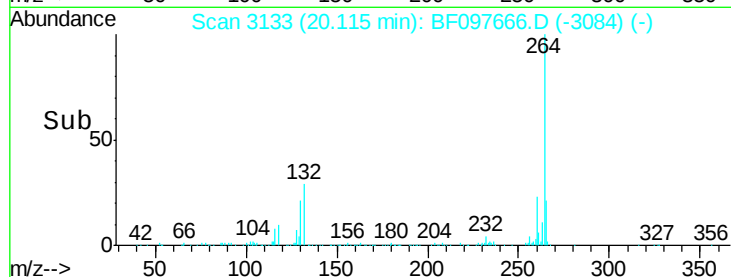
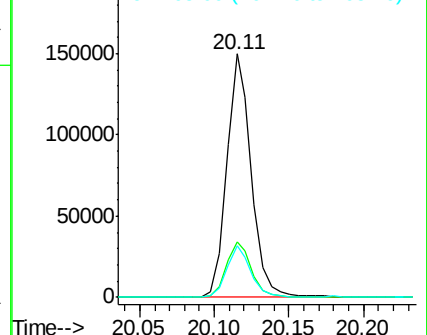
265 21.1 17.2 25.8



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



#87

Benzo(b)fluoranthene

Concen: 2.55 ng

RT: 19.72 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BF097666.D

Acq: 13 Aug 2017 10:36

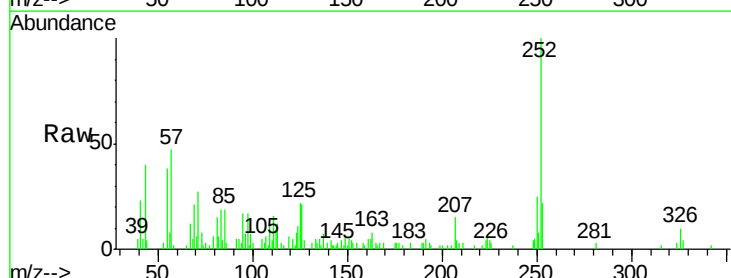
Tgt Ion:252 Resp: 26315

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

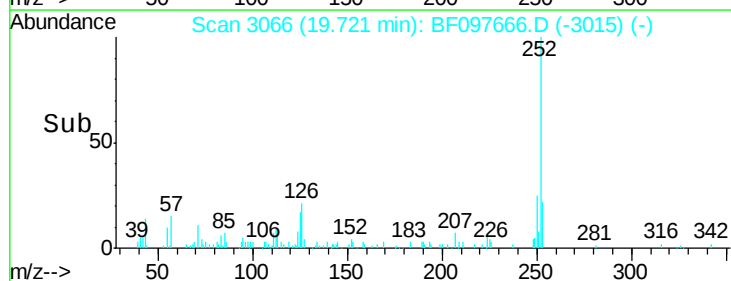
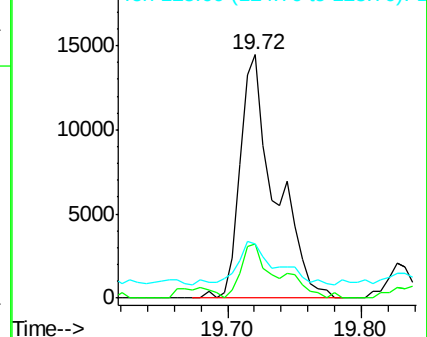
125 22.2 9.8 14.8#

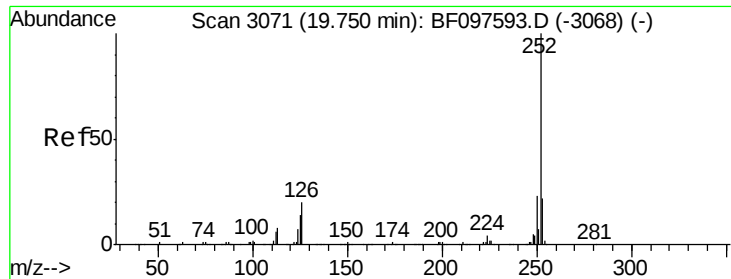


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88
 Benzo(k)fluoranthene
 Concen: 2.53 ng
 RT: 19.72 min Scan# 3066
 Delta R.T. -0.03 min
 Lab File: BF097666.D
 Acq: 13 Aug 2017 10:36

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	22.2	13.1	19.7

