

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096126.D
 Acq On : 22 Jun 2017 17:22
 Operator : SJ/MA
 Sample : I3657-24
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:16:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

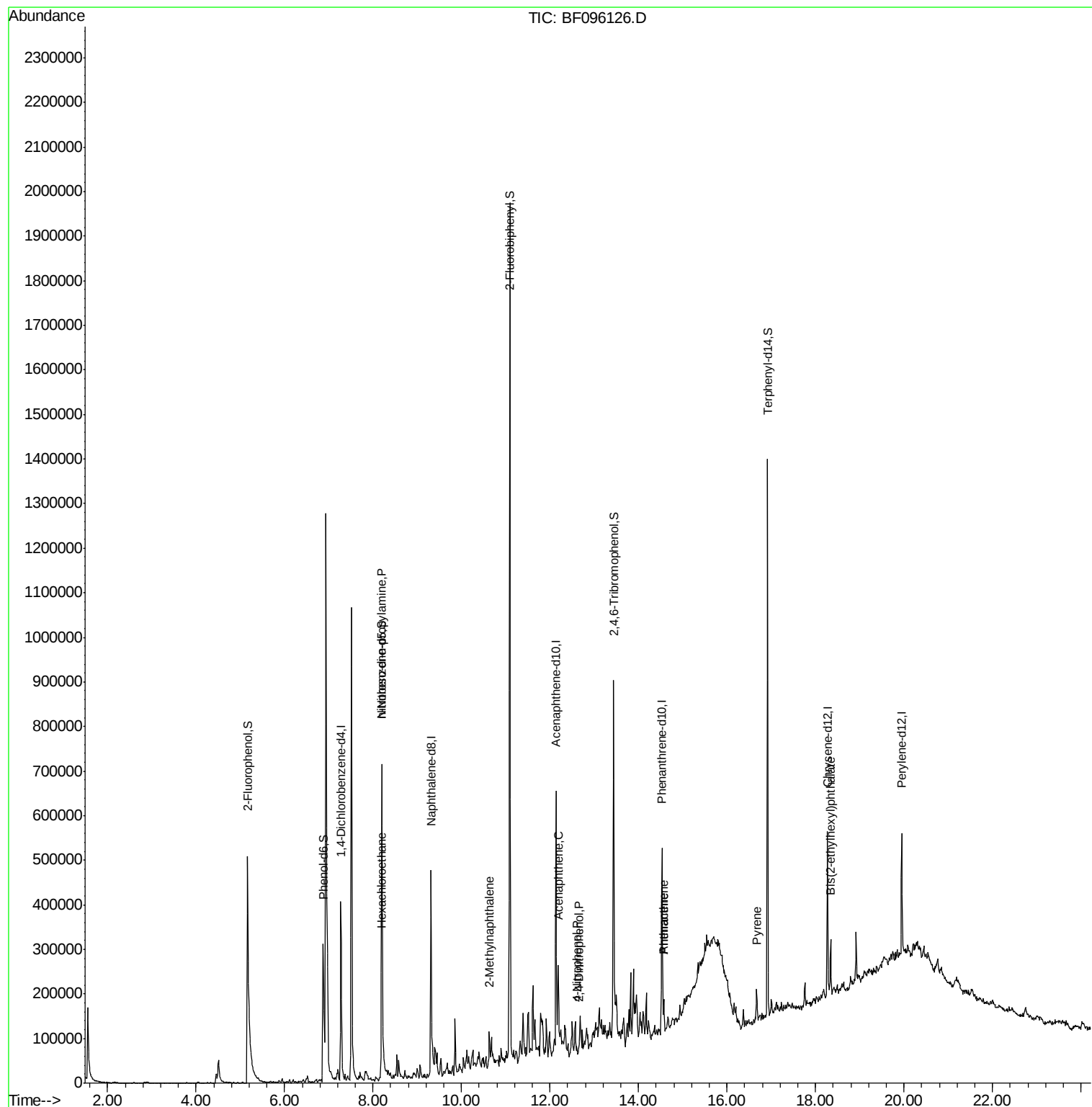
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	97880	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	330872	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	162663	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	193877	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	150217	20.00	ng	0.00
86) Perylene-d12	19.94	264	120723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	452959	73.74	ng	-0.02
7) Phenol-d6	6.87	99	376360	51.18	ng	0.00
23) Nitrobenzene-d5	8.20	82	403779	75.79	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	151454	105.24	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	888168	75.98	ng	-0.02
78) Terphenyl-d14	16.92	244	493551	81.54	ng	0.00
Target Compounds						
18) Hexachloroethane	8.18	117	8766	3.54	ng	# 1
19) n-Nitroso-di-n-propylamine	8.20	70	50429	10.82	ng	# 72
37) 2-Methylnaphthalene	10.63	142	23927	2.13	ng	95
51) Acenaphthene	12.18	154	54973	5.31	ng	98
53) 2,4-Dinitrophenol	12.64	184	136	6.56	ng	# 4
55) 4-Nitrophenol	12.61	139	677	4.98	ng	# 1
70) Phenanthrene	14.57	178	43072	3.85	ng	97
71) Anthracene	14.57	178	43072	3.69	ng	98
77) Pyrene	16.67	202	30409	2.71	ng	96
83) Bis(2-ethylhexyl)phthalate	18.34	149	45358	6.57	ng	# 99

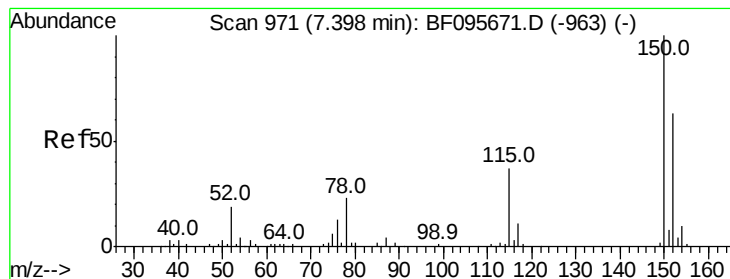
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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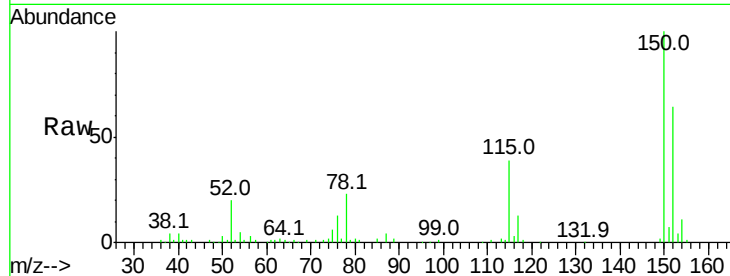


#1

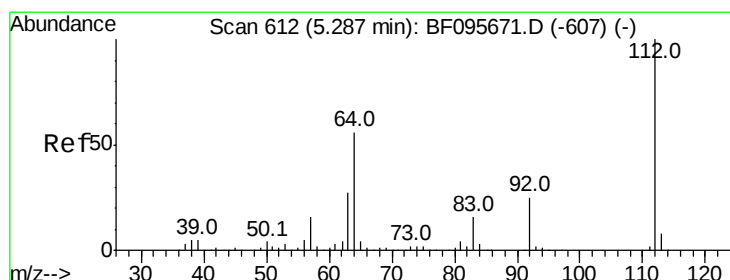
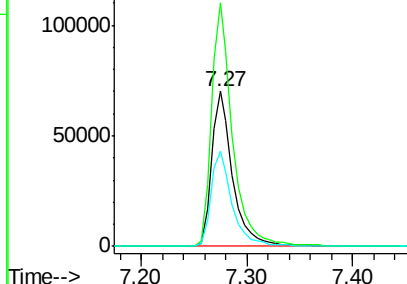
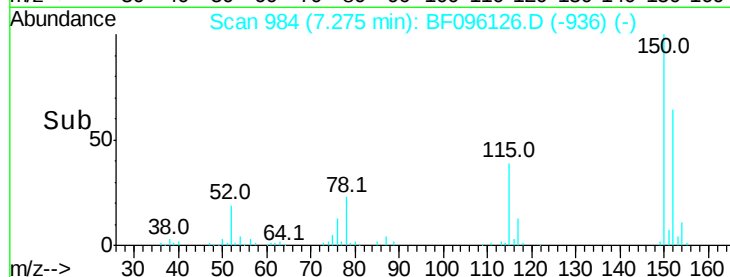
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97880
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 61.6 52.2 78.2



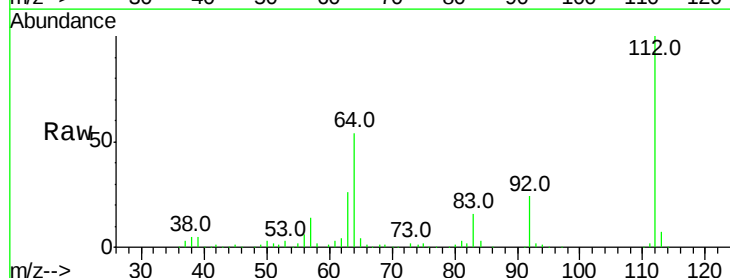
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



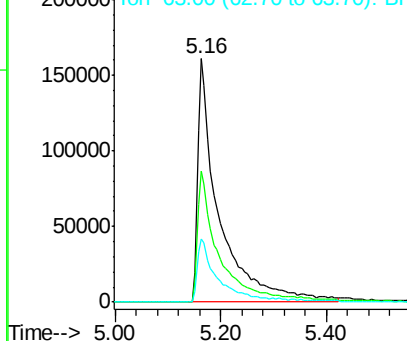
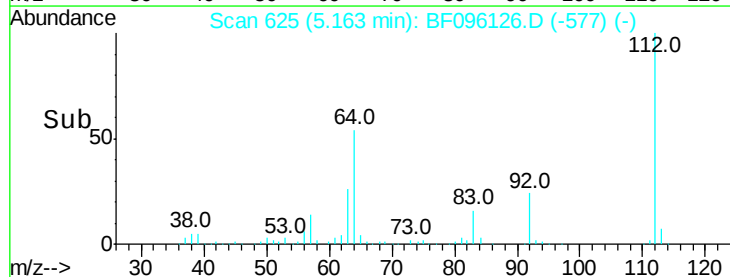
#5

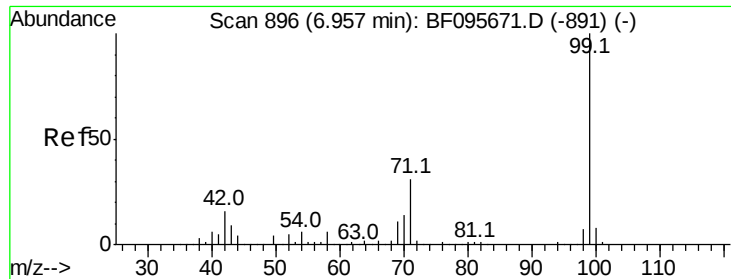
2-Fluorophenol
Concen: 73.74 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion:112 Resp: 452959
Ion Ratio Lower Upper
112 100
64 53.9 46.0 69.0
63 26.2 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: 51.18 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

ClientSampleId :

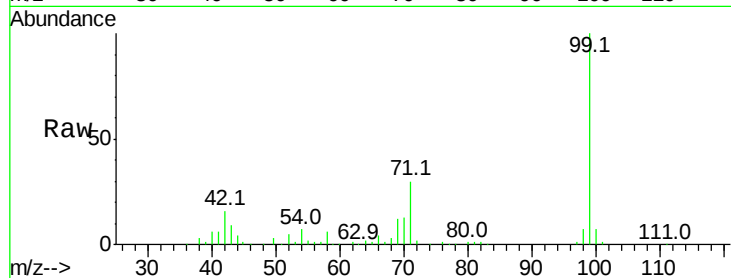
Tot Ion: 99 Resp: 376360

Ion Ratio Lower Upper

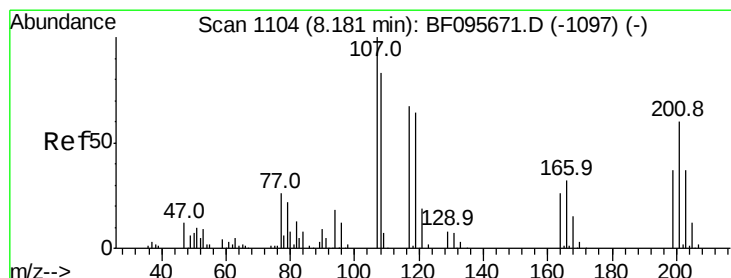
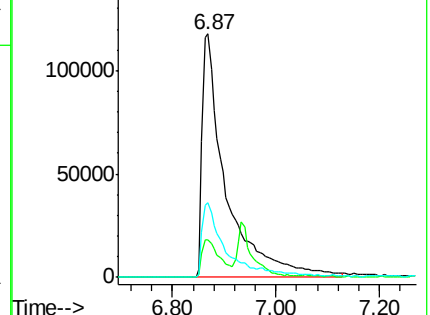
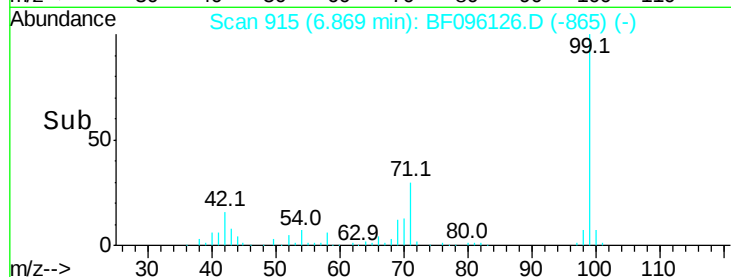
99 100

42 15.5 13.5 20.3

71 30.4 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



#18

Hexachloroethane

Concen: 3.54 ng

RT: 8.18 min Scan# 1138

Delta R.T. 0.11 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

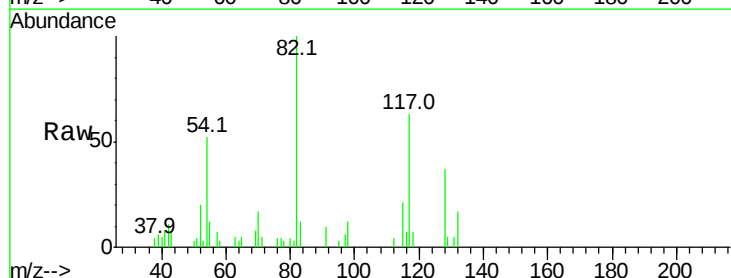
Tgt Ion: 117 Resp: 8766

Ion Ratio Lower Upper

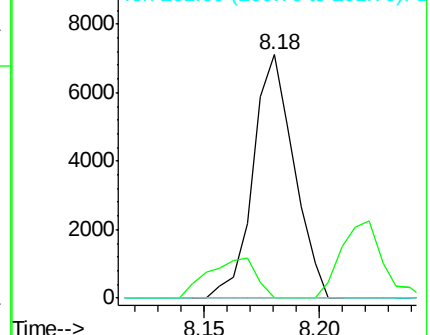
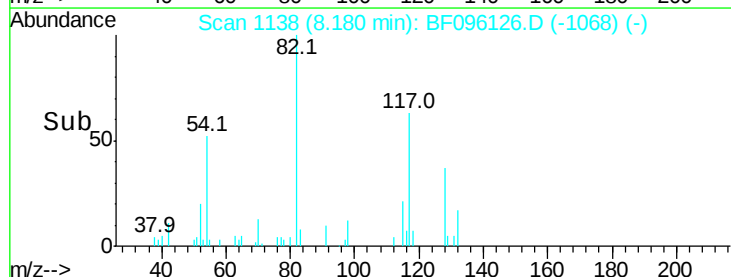
117 100

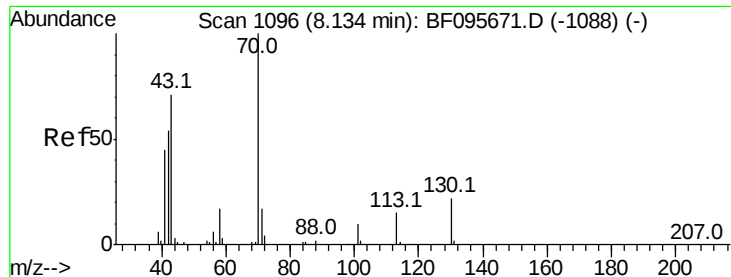
119 0.0 77.4 116.0#

201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

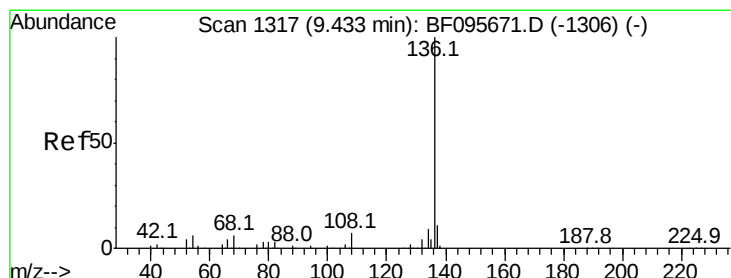
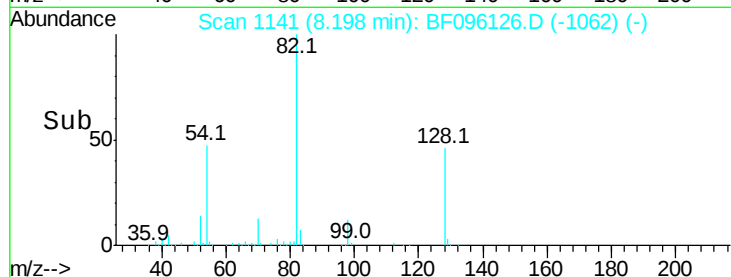
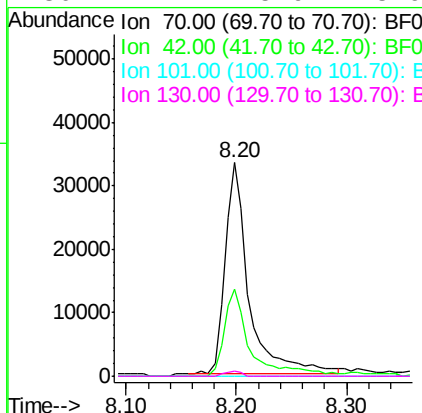
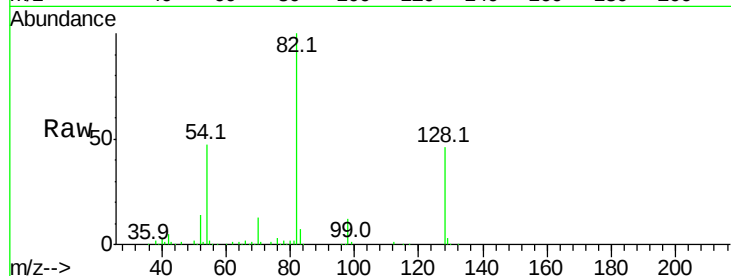




#19
n-Nitroso-di-n-propylamine
Concen: 10.82 ng
RT: 8.20 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

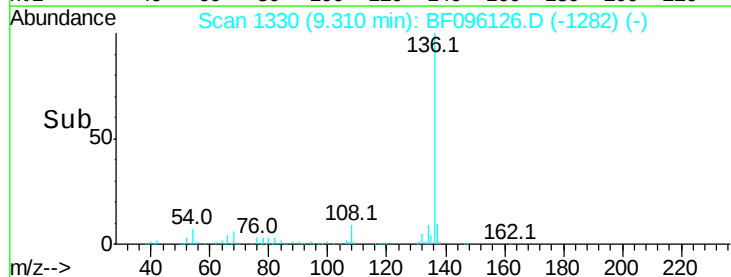
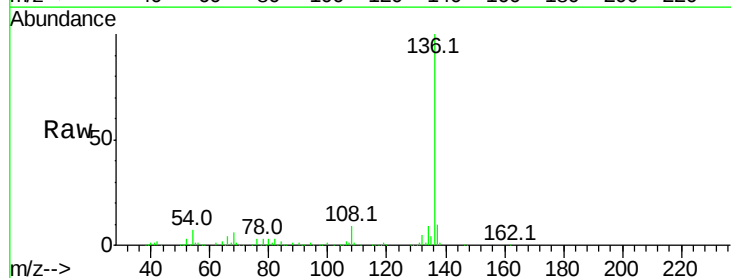
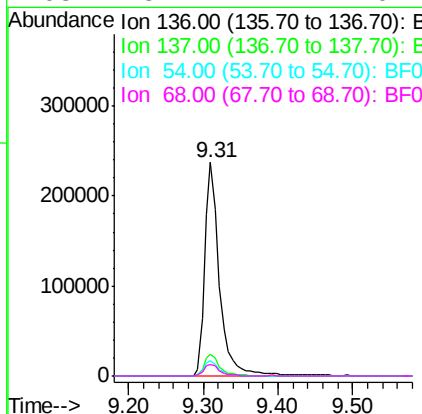
Instrument :
BNA_F
ClientSampleId :

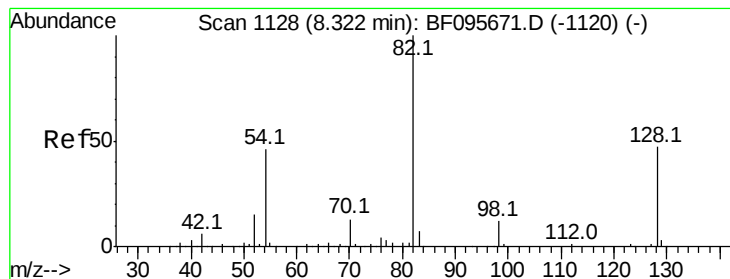
Tot Ion: 70 Resp: 50429
Ion Ratio Lower Upper
70 100
42 40.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion:136 Resp: 330872
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 6.9 4.9 7.3
68 5.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 75.79 ng

RT: 8.20 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

ClientSampleId :

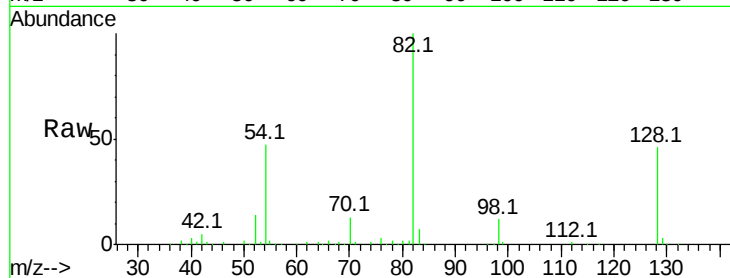
Tot Ion: 82 Resp: 403779

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

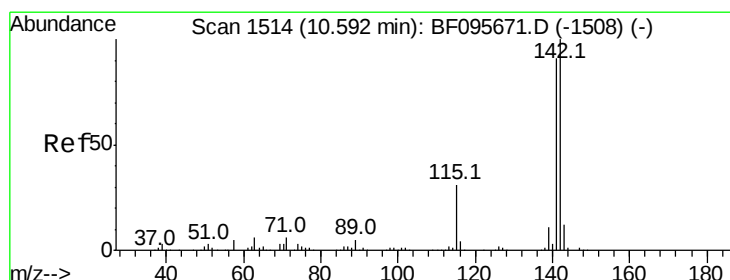
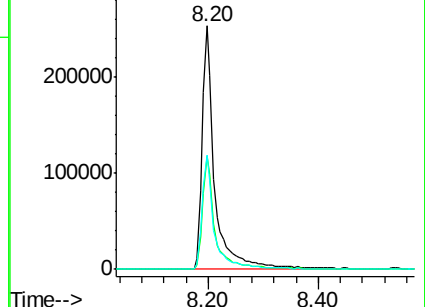
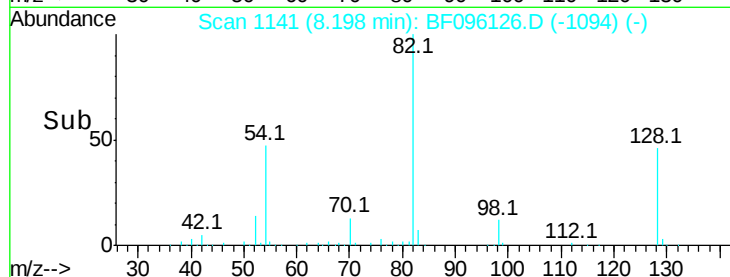
54 46.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#37

2-Methylnaphthalene

Concen: 2.13 ng

RT: 10.63 min Scan# 1554

Delta R.T. 0.14 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

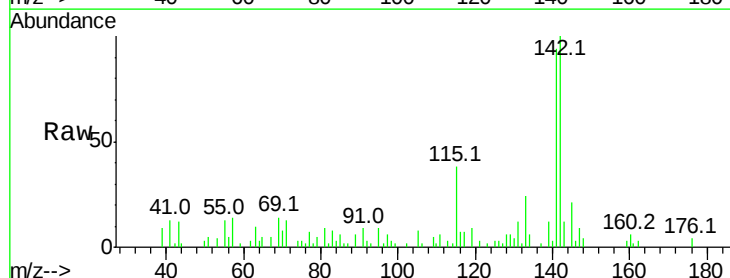
Tgt Ion:142 Resp: 23927

Ion Ratio Lower Upper

142 100

141 93.6 71.3 106.9

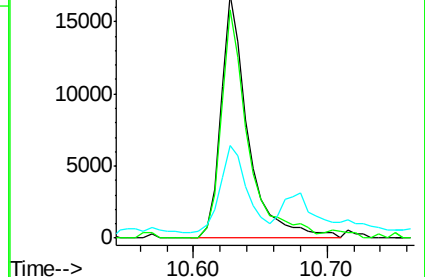
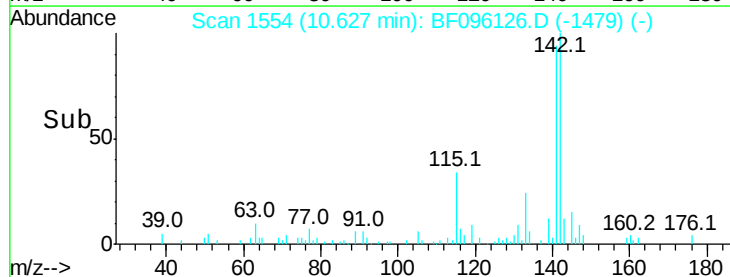
115 38.1 27.1 40.7

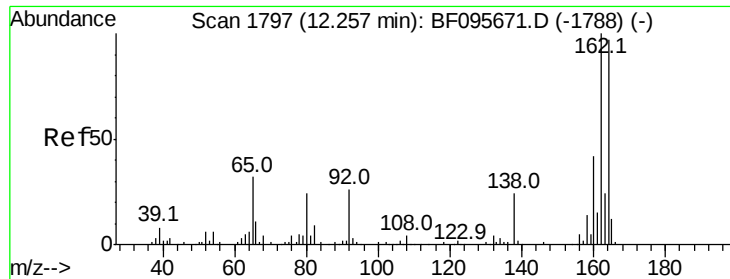


Abundance Ion 142.00 (141.70 to 142.70): BF0

Ion 141.00 (140.70 to 141.70): BF0

Ion 115.00 (114.70 to 115.70): BF0

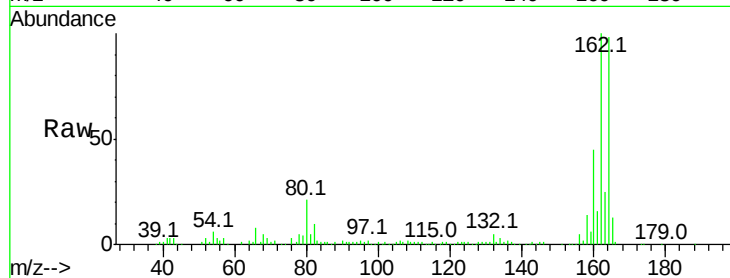




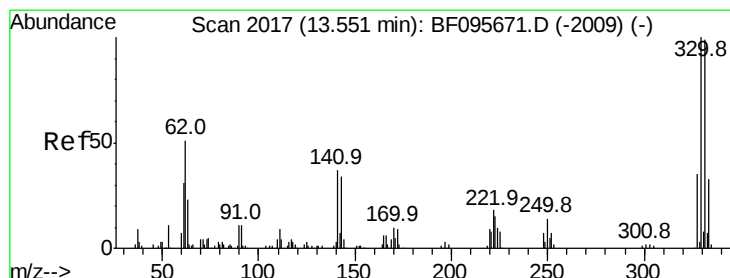
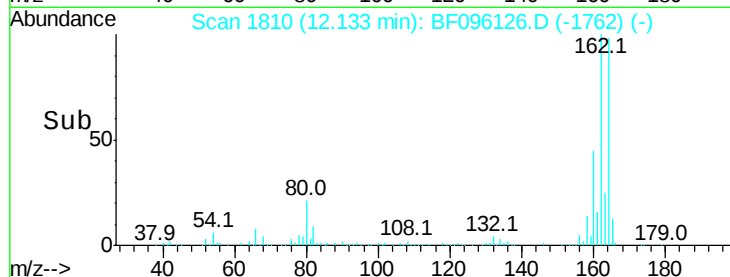
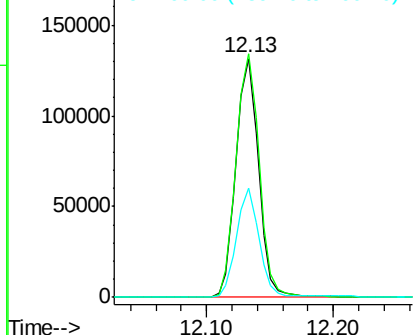
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 162663
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 45.9 36.2 54.2

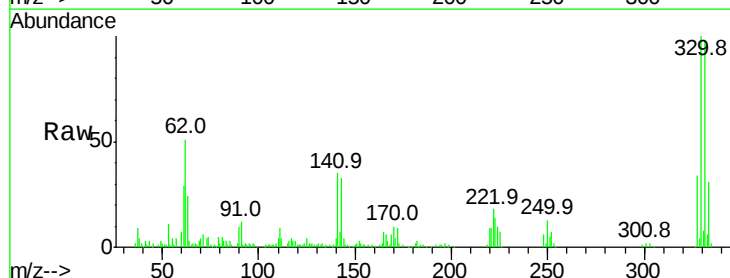


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

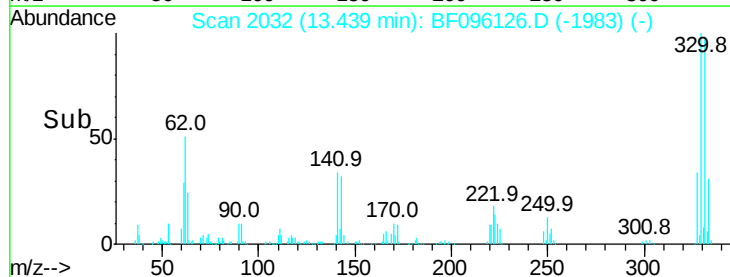
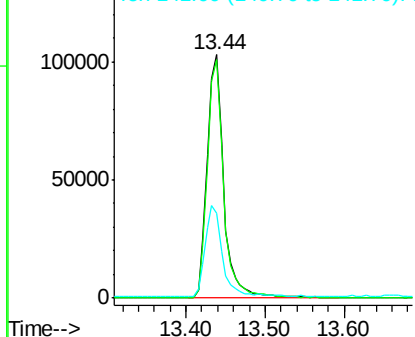


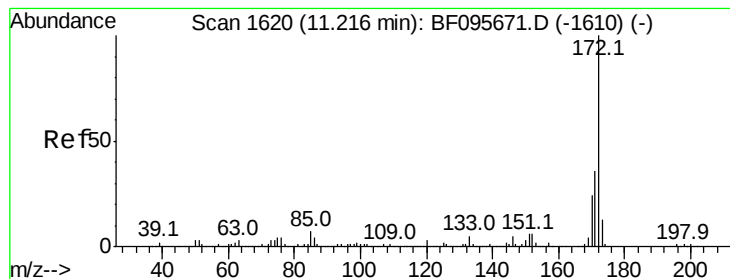
#41
2,4,6-Tribromophenol
Concen: 105.24 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion:330 Resp: 151454
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 38.5 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: 75.98 ng

RT: 11.09 min Scan# 1633

Delta R.T. -0.02 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

ClientSampleId :

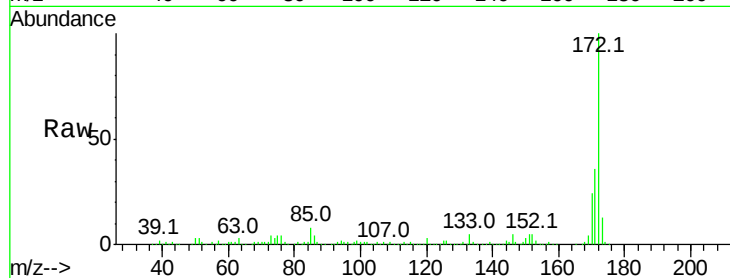
Tot Ion:172 Resp: 888168

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

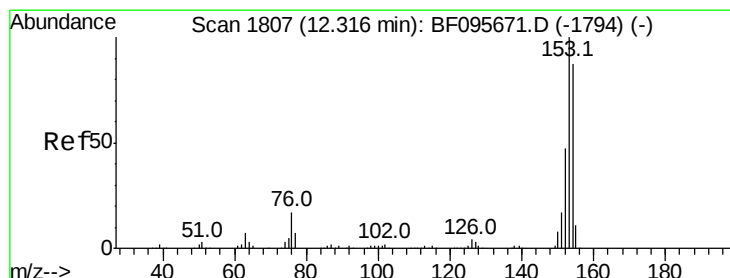
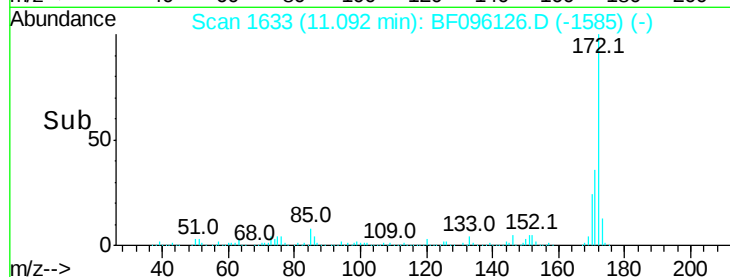
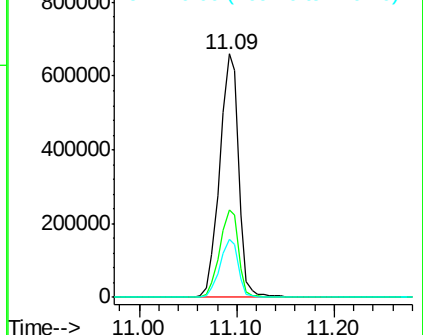
170 24.1 19.8 29.8



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



#51

Acenaphthene

Concen: 5.31 ng

RT: 12.18 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

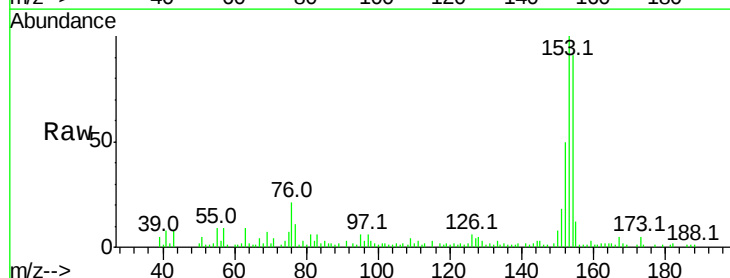
Tgt Ion:154 Resp: 54973

Ion Ratio Lower Upper

154 100

153 110.0 90.5 135.7

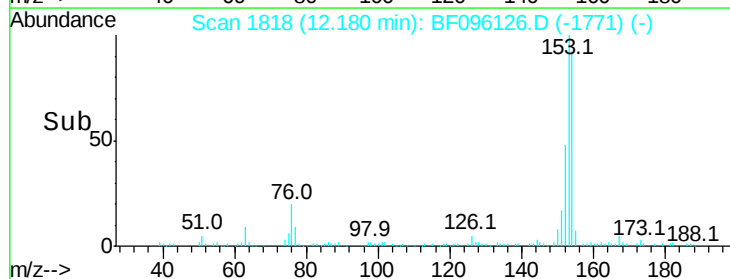
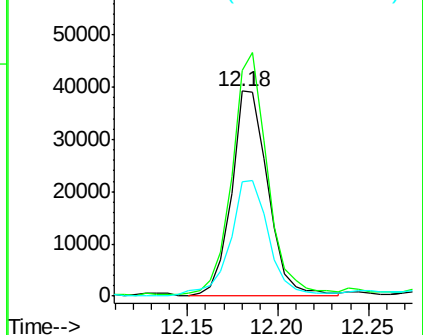
152 55.5 43.6 65.4

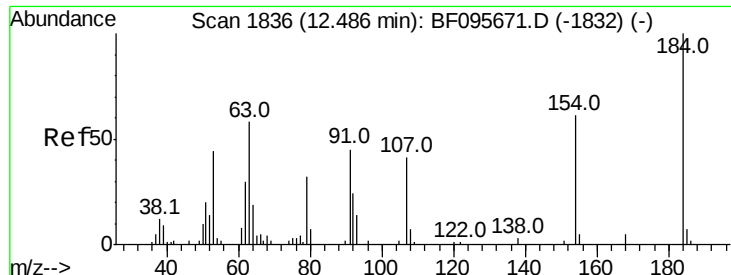


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

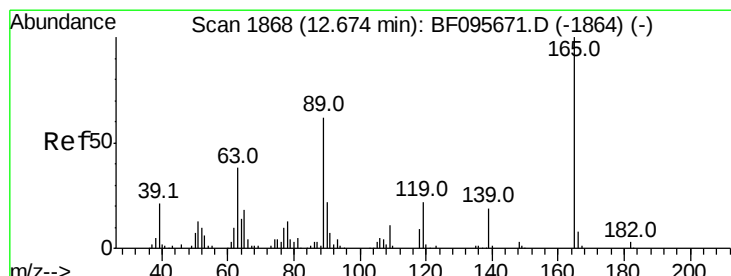
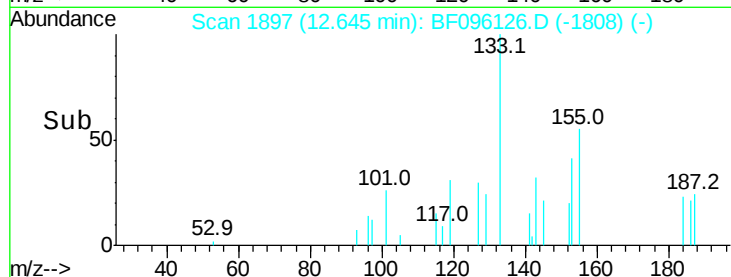
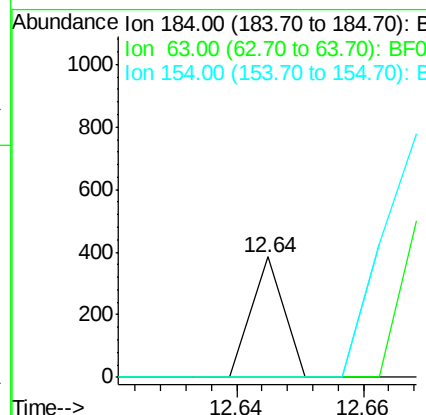
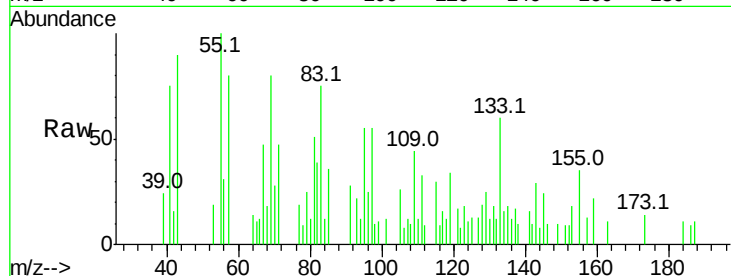




#53
 2,4-Dinitrophenol
 Concen: 6.56 ng
 RT: 12.64 min Scan# 1897
 Delta R.T. 0.22 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

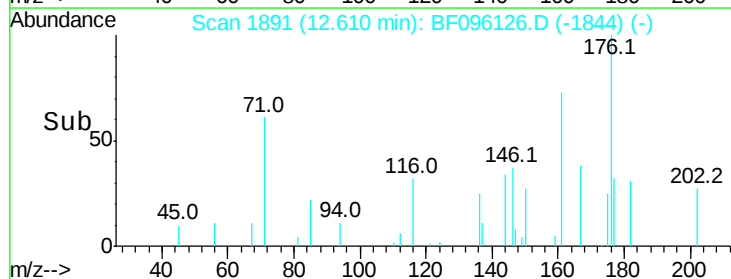
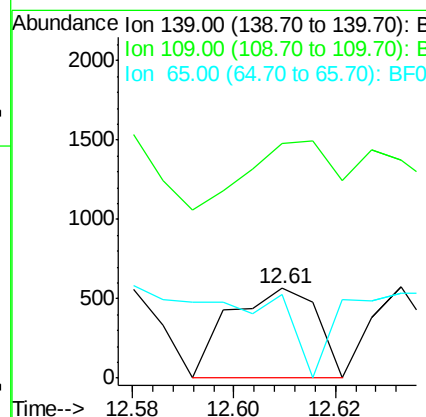
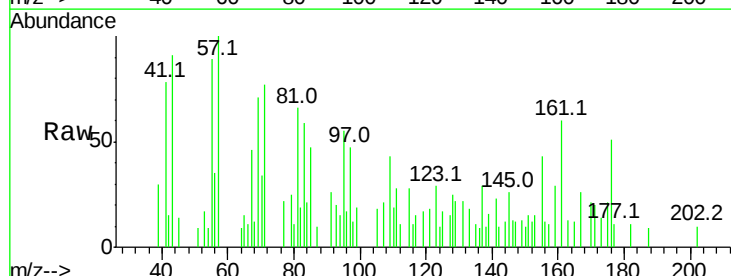
Instrument :
 BNA_F
 ClientSampled :

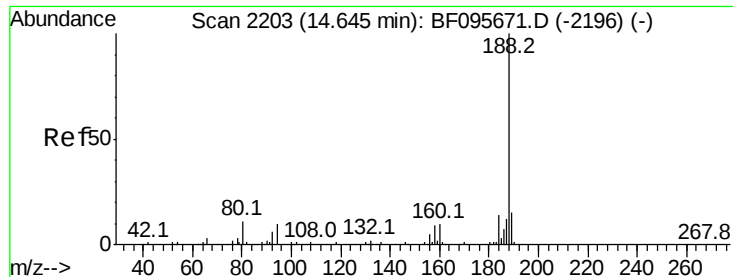
Tot Ion:184 Resp: 136
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.7 94.1#
 154 0.0 81.1 121.7#



#55
 4-Nitrophenol
 Concen: 4.98 ng
 RT: 12.61 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Tgt Ion:139 Resp: 677
 Ion Ratio Lower Upper
 139 100
 109 262.1 34.1 74.1#
 65 92.7 31.4 71.4#

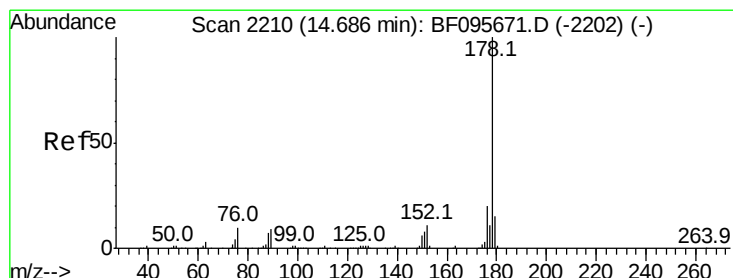
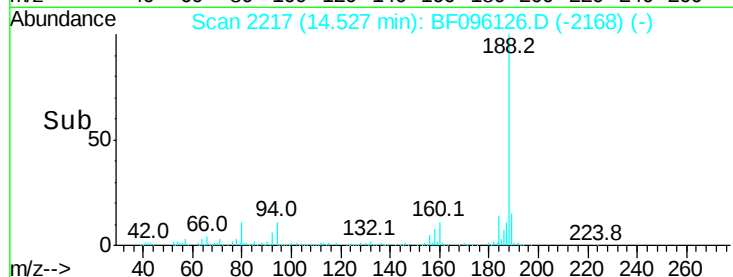
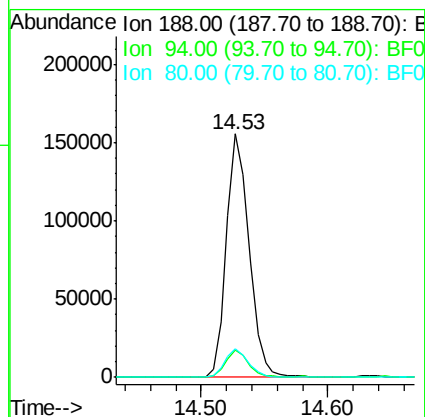
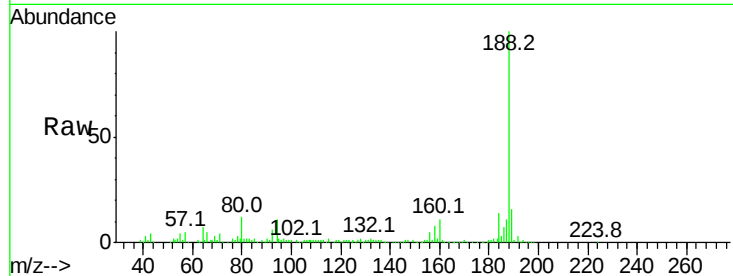




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

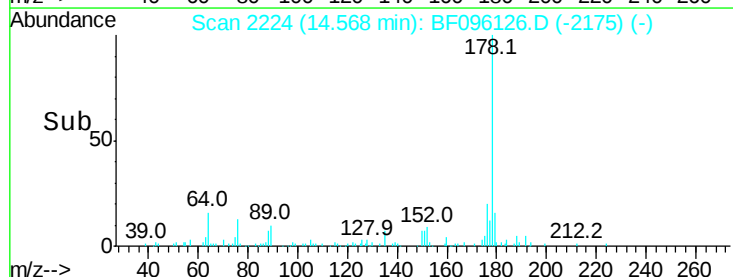
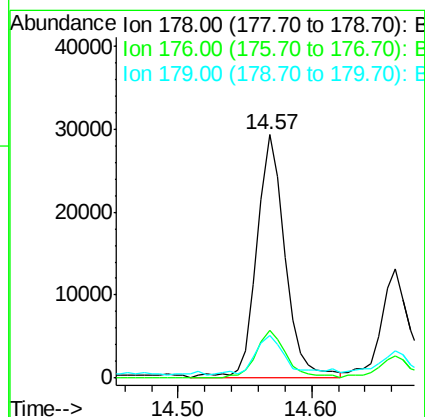
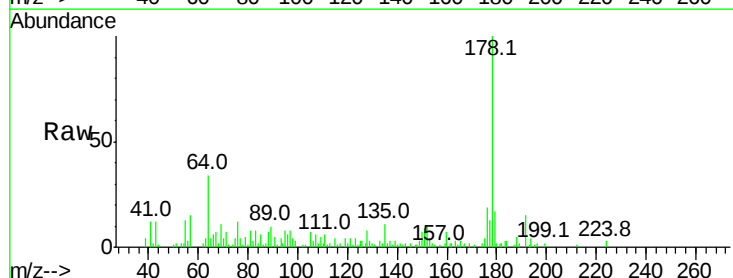
Instrument :
BNA_F
ClientSampleId :

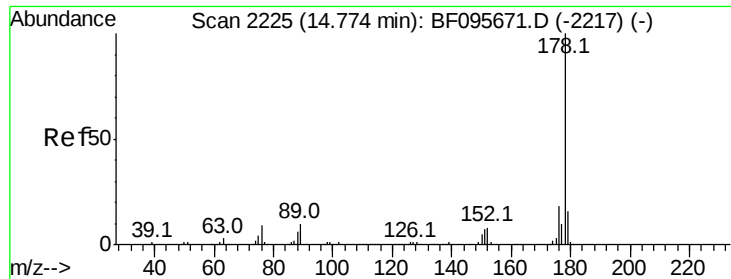
Tot Ion:188 Resp: 193877
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.7 10.2 15.2



#70
Phenanthrene
Concen: 3.85 ng
RT: 14.57 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF096126.D
Acq: 22 Jun 2017 17:22

Tgt Ion:178 Resp: 43072
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 17.3 12.6 19.0





#71

Anthracene

Concen: 3.69 ng

RT: 14.57 min Scan# 2224

Delta R.T. -0.10 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

ClientSampleId :

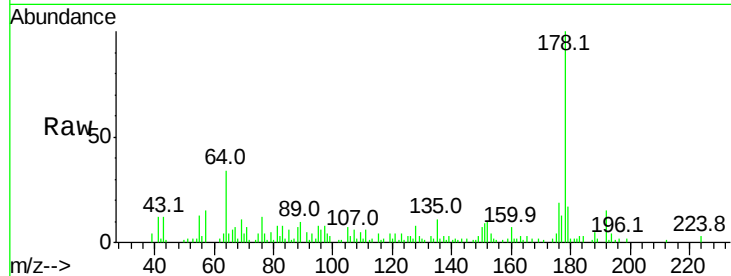
Tot Ion:178 Resp: 43072

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

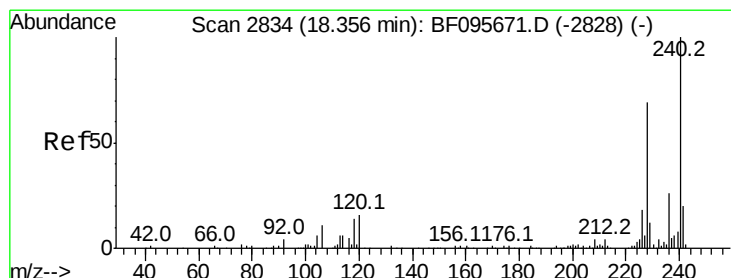
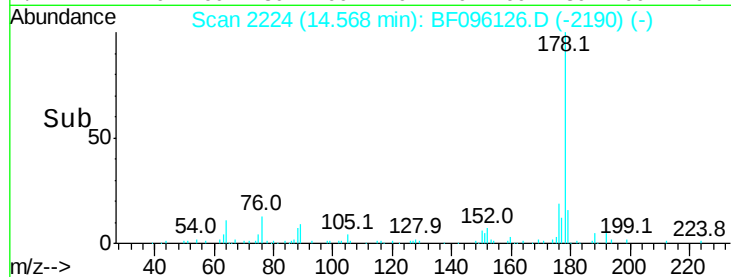
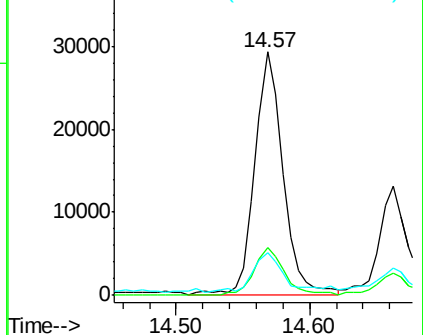
179 17.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

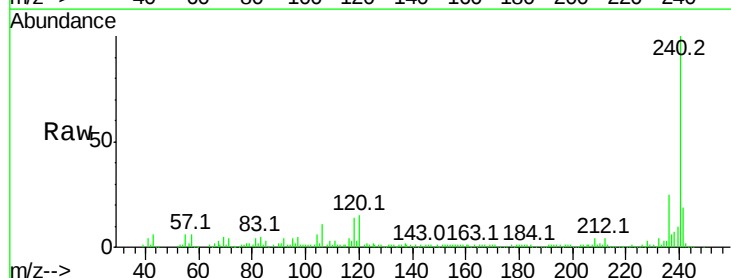
Tgt Ion:240 Resp: 150217

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

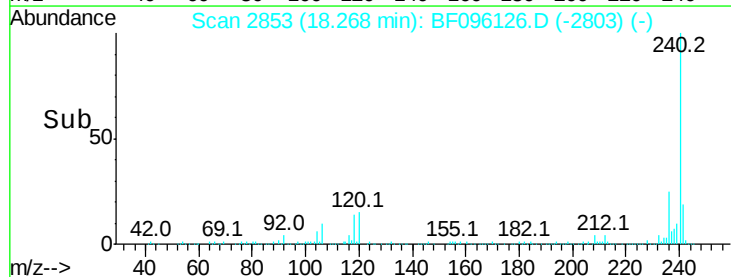
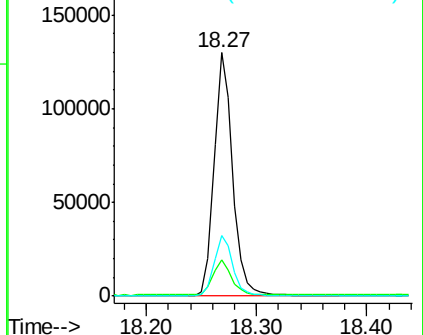
236 25.1 20.5 30.7

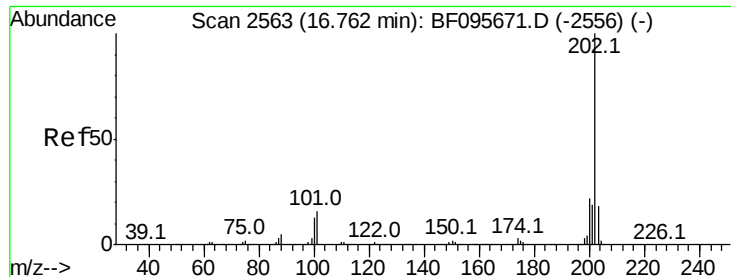


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.71 ng

RT: 16.67 min Scan# 2581

Delta R.T. -0.00 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

Instrument :

BNA_F

ClientSampleId :

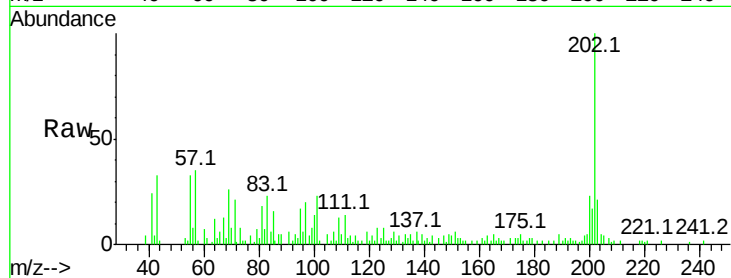
Tot Ion:202 Resp: 30409

Ion Ratio Lower Upper

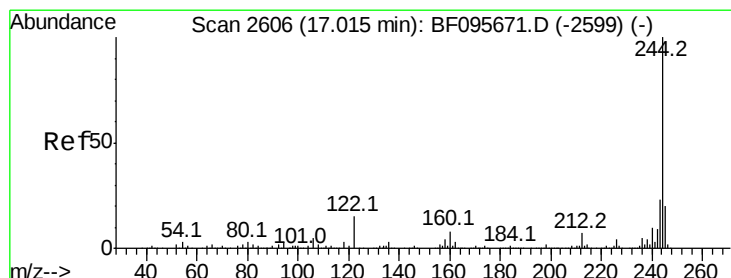
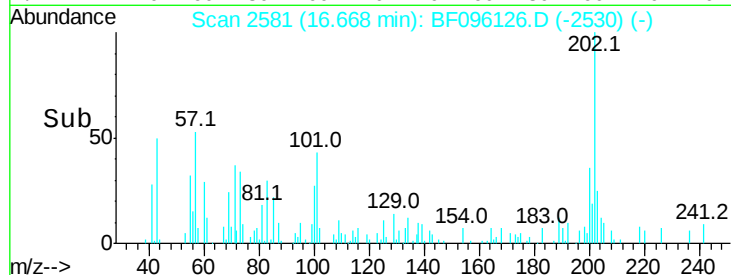
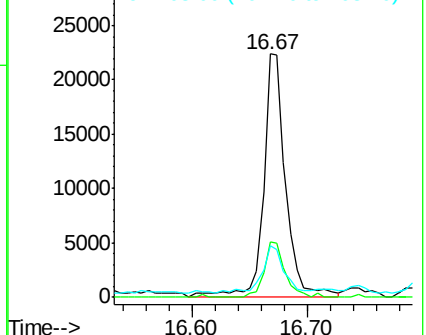
202 100

200 22.6 17.6 26.4

203 21.2 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: 81.54 ng

RT: 16.92 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BF096126.D

Acq: 22 Jun 2017 17:22

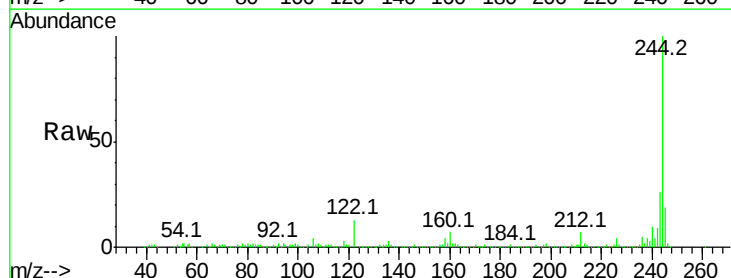
Tgt Ion:244 Resp: 493551

Ion Ratio Lower Upper

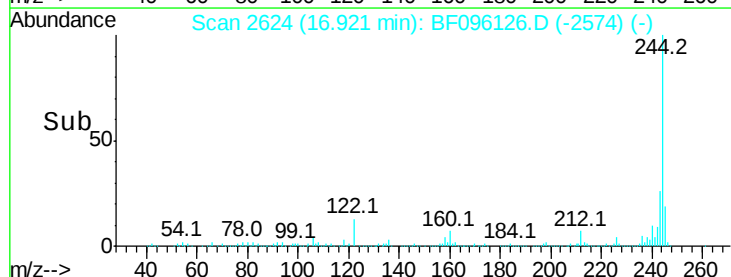
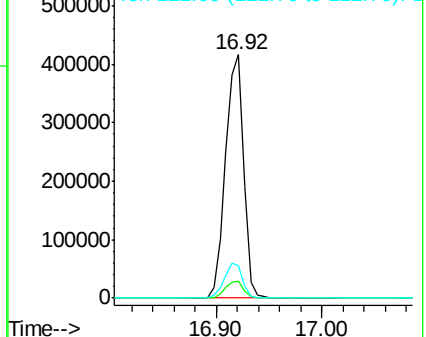
244 100

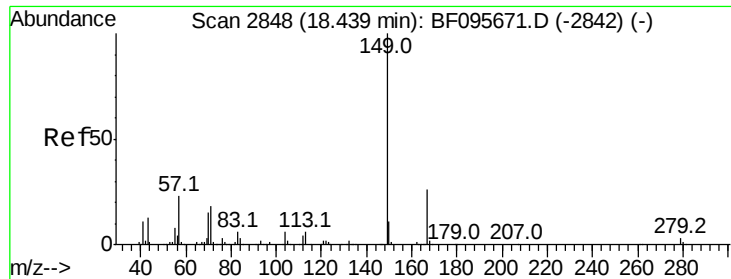
212 6.9 6.0 9.0

122 13.2 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

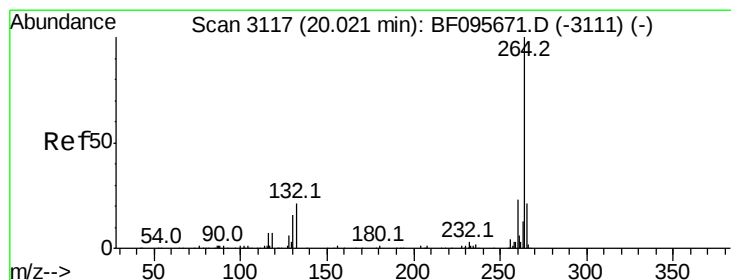
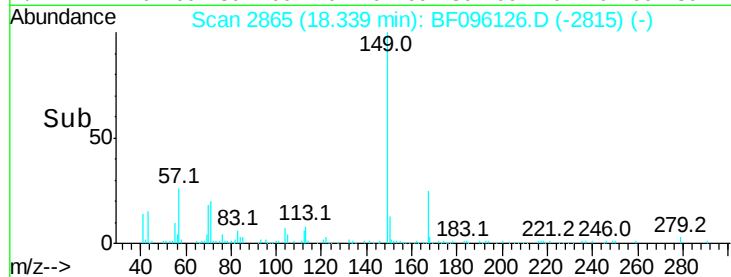
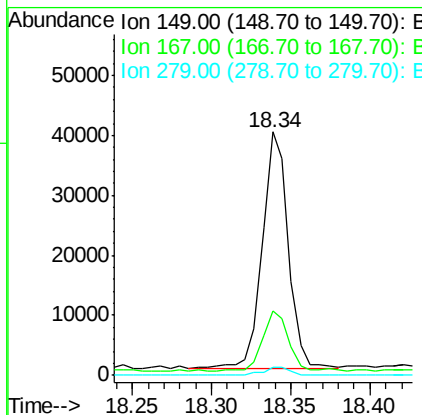
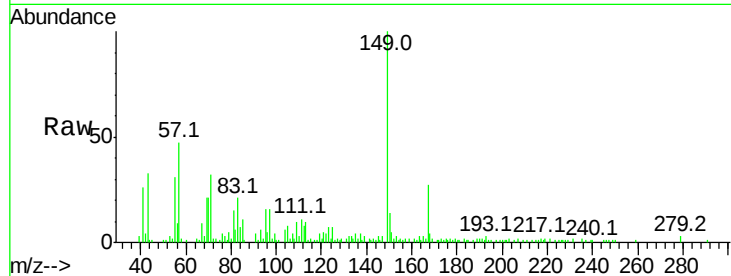




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.57 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 45358
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.0 31.4
 279 3.2 1.9 2.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096126.D
 Acq: 22 Jun 2017 17:22

Tgt Ion:264 Resp: 120723
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.0 17.2 25.8

