

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096876.D
 Acq On : 19 Jul 2017 18:07
 Operator : SJ/JU
 Sample : I4254-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 00:52:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

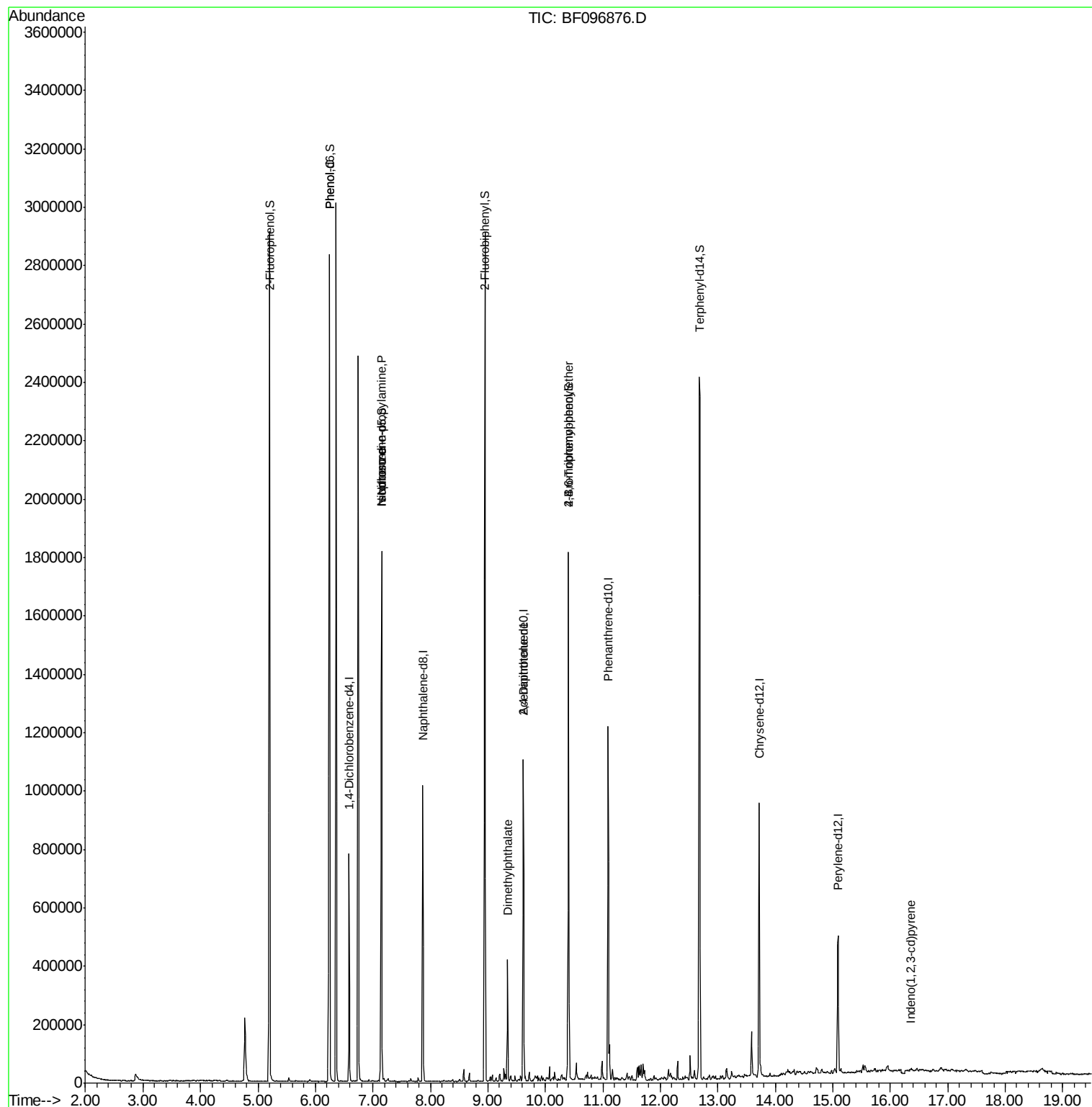
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	107224	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	457939	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	210221	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	401944	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	304347	20.00	ng	-0.01
86) Perylene-d12	15.09	264	193447	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	908775	127.44	ng	0.00
7) Phenol-d6	6.25	99	1103738	128.98	ng	0.00
23) Nitrobenzene-d5	7.15	82	658861	89.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	240284	133.91	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1119973	84.17	ng	-0.01
78) Terphenyl-d14	12.68	244	893676	50.92	ng	-0.01
Target Compounds						
10) Phenol	6.25	94	42161	4.36	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.15	70	90209	17.50	ng	# 86
25) Isophorone	7.15	82	654412	47.58	ng	# 67
49) Dimethylphthalate	9.35	163	185467	11.72	ng	98
56) 2,4-Dinitrotoluene	9.62	165	26541	6.02	ng	# 33
66) 4-Bromophenyl-phenylether	10.40	248	15356	3.74	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.36	276	3989	3.55	ng	# 86

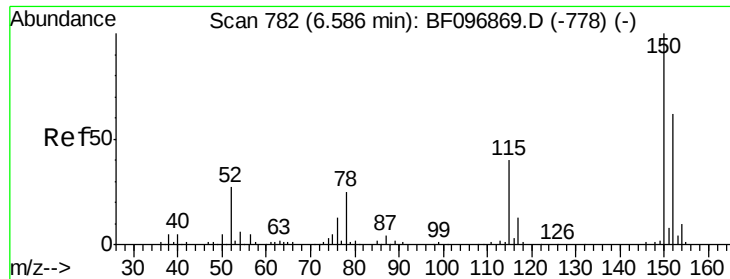
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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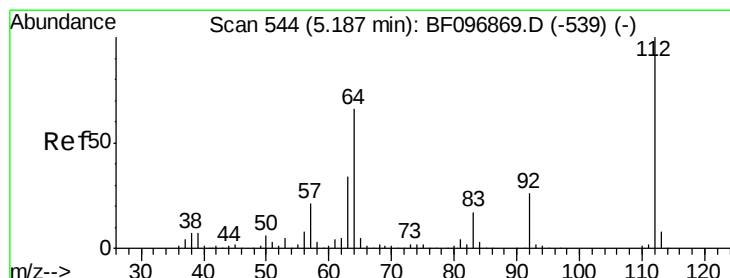
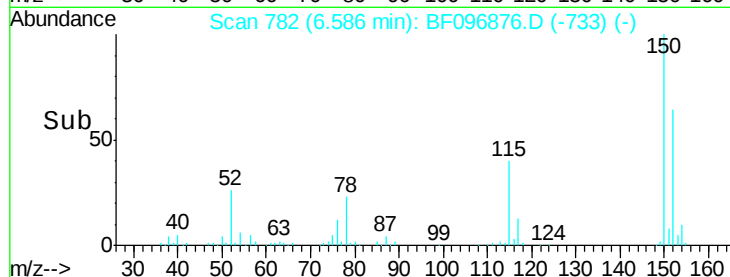
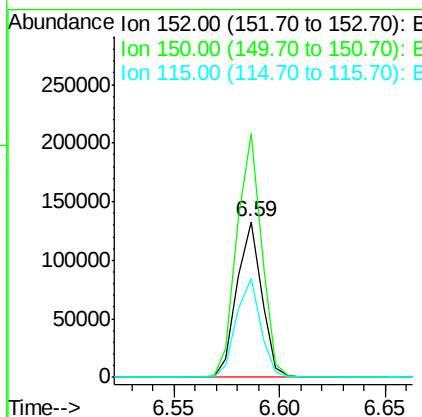
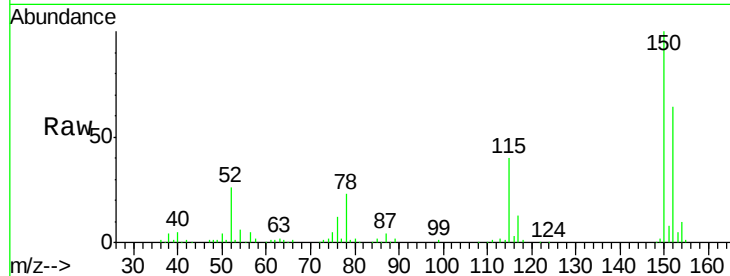


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :

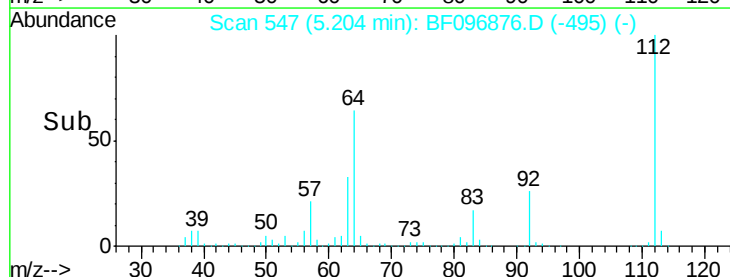
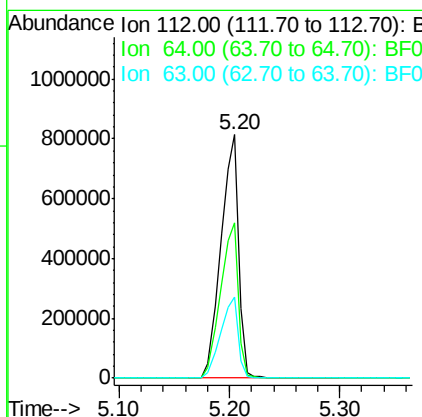
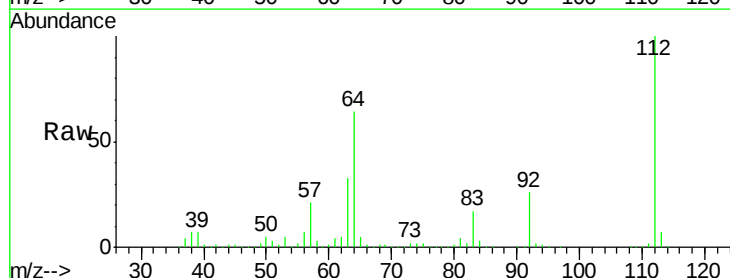
Tot Ion:152 Resp: 107224
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 63.3 52.2 78.2

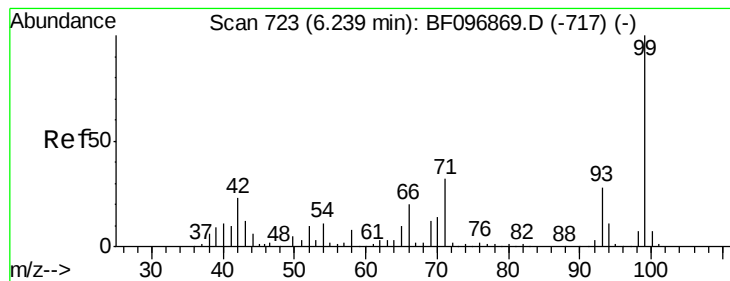


#5

2-Fluorophenol
Concen: 127.44 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:112 Resp: 908775
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 33.2 23.4 35.0





#7

Phenol-d6

Concen: 128.98 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

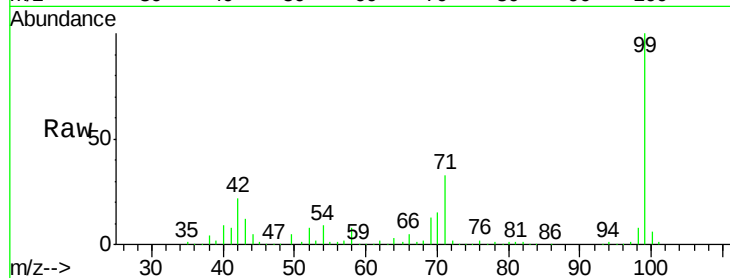
Instrument :

BNA_F

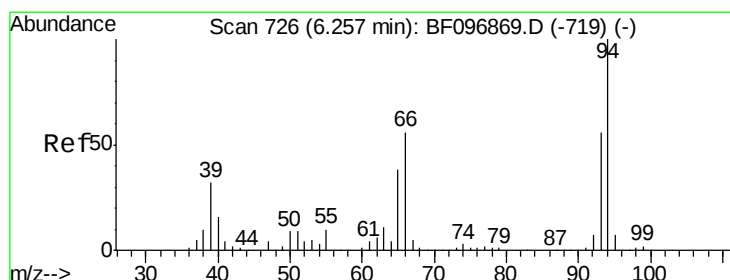
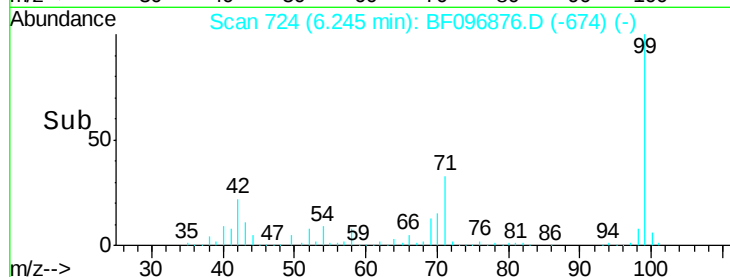
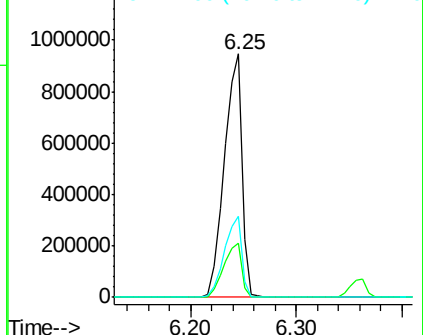
ClientSampleId :

Tot Ion: 99 Resp: 1103738

Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	33.2	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: 4.36 ng

RT: 6.25 min Scan# 725

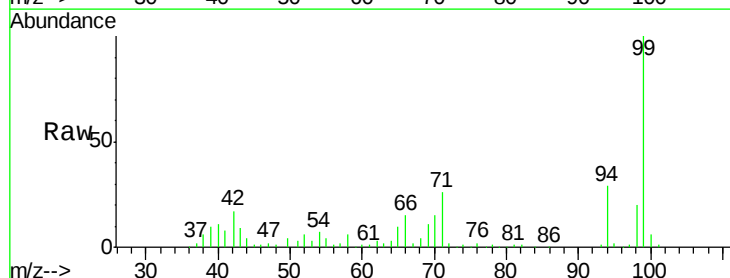
Delta R.T. -0.02 min

Lab File: BF096876.D

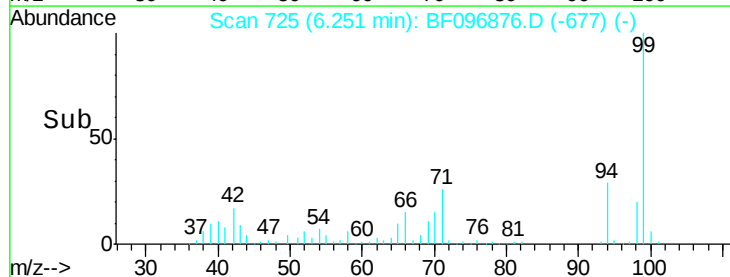
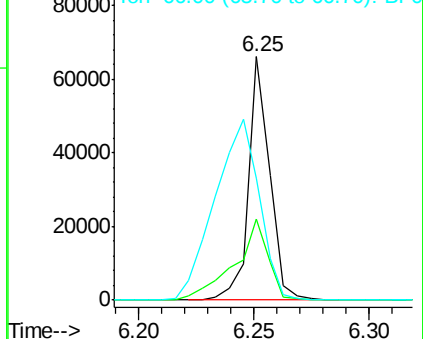
Acq: 19 Jul 2017 18:07

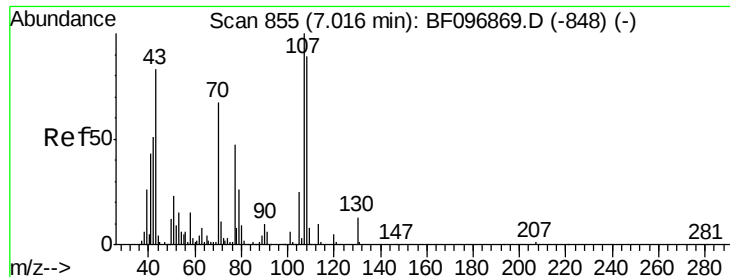
Tgt Ion: 94 Resp: 42161

Ion	Ratio	Lower	Upper
94	100		
65	33.4	9.9	49.9
66	50.0	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

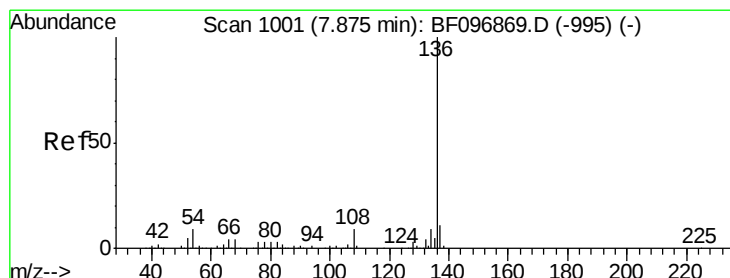
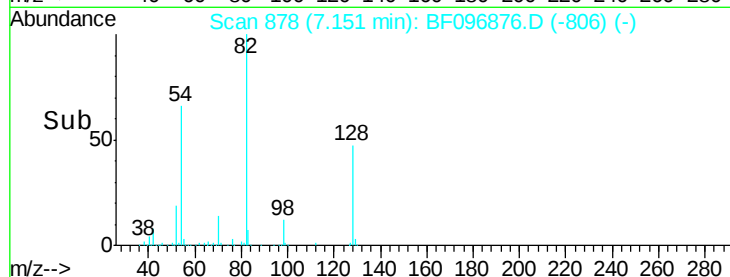
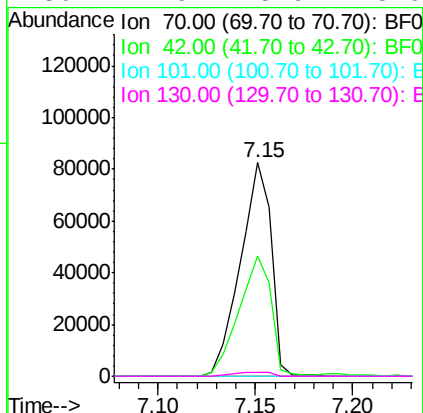
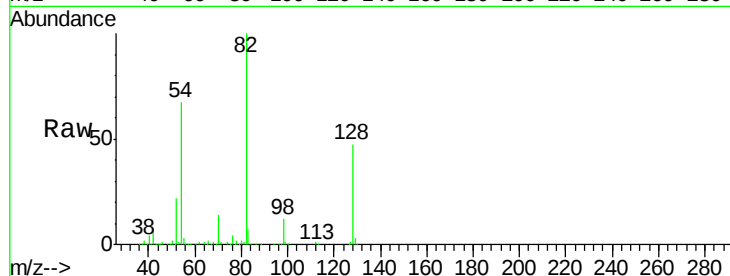




#19
n-Nitroso-di-n-propylamine
Concen: 17.50 ng
RT: 7.15 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

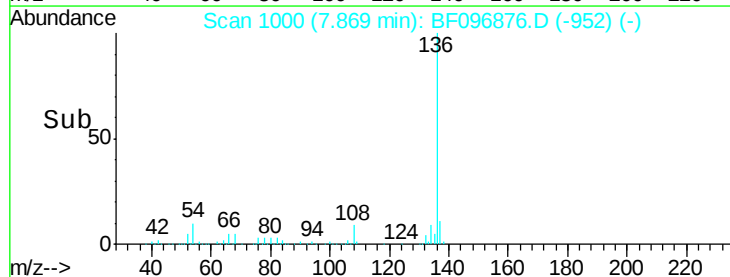
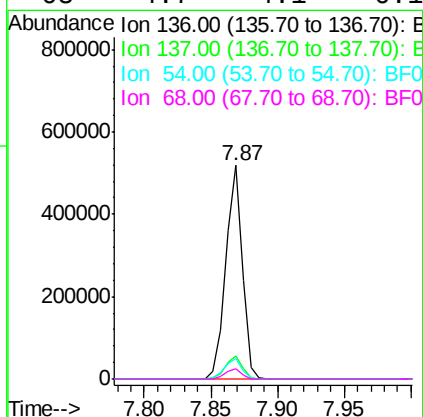
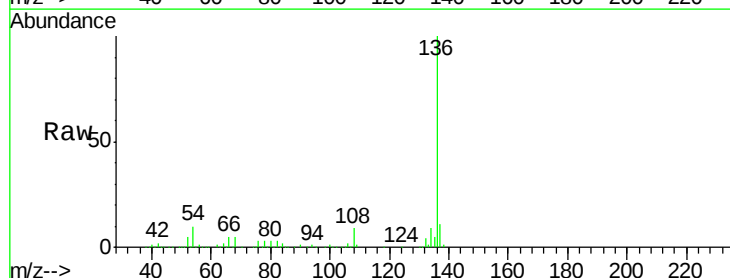
Instrument :
BNA_F
ClientSampleId :

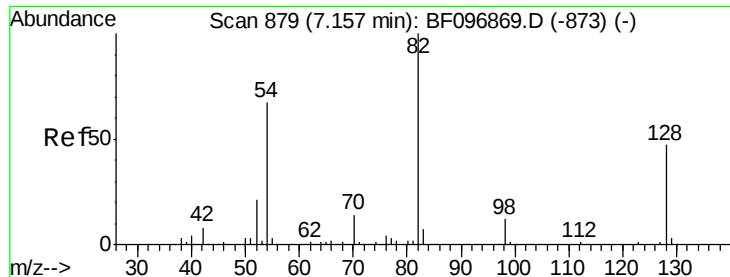
Tot Ion: 70 Resp: 90209
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 0.0 7.2 10.8#
130 1.9 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:136 Resp: 457939
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.6 4.9 7.3#
68 4.7 4.1 6.1

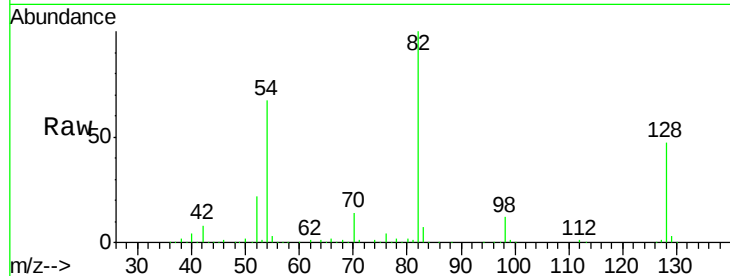




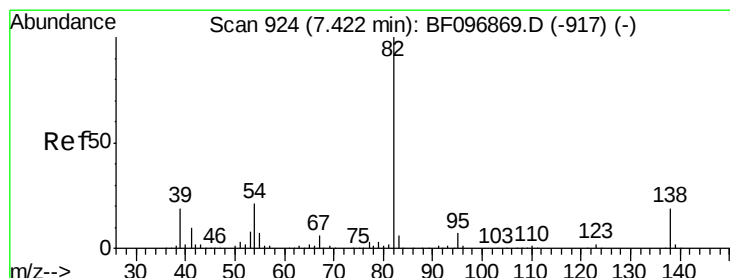
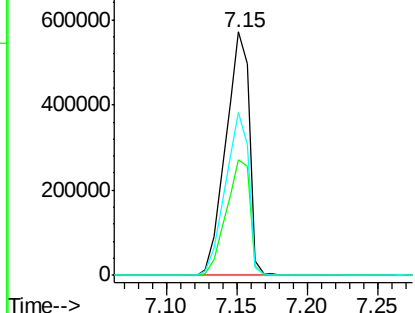
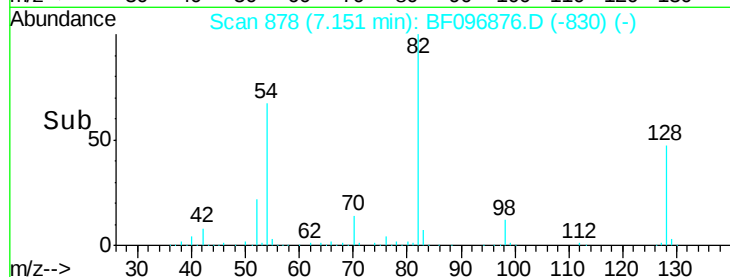
#23
Nitrobenzene-d5
Concen: 89.12 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 658861
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 67.1 42.2 63.2#

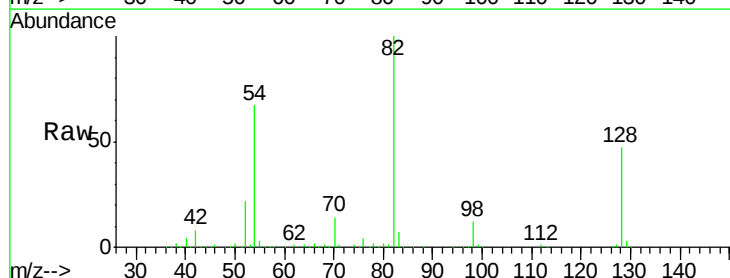


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

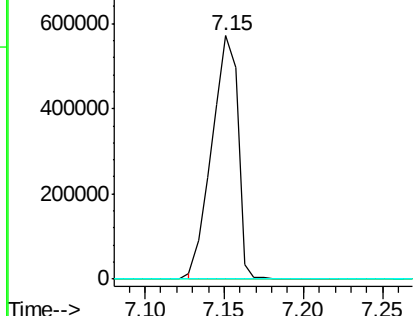
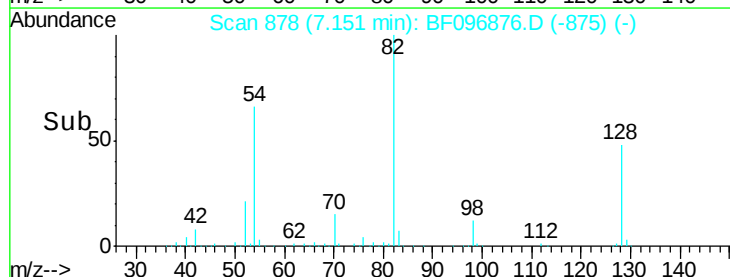


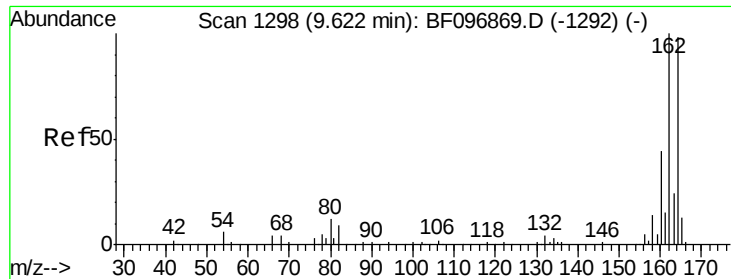
#25
Isophorone
Concen: 47.58 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion: 82 Resp: 654412
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

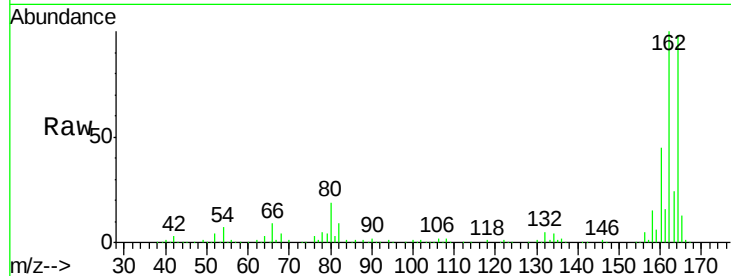




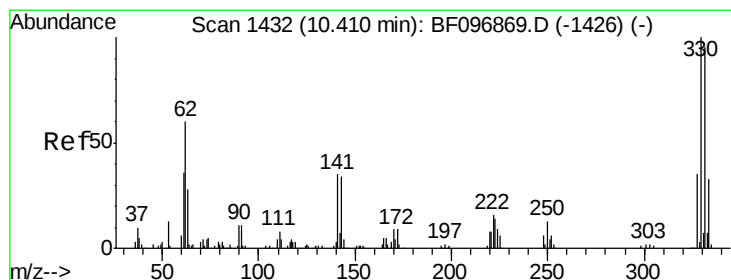
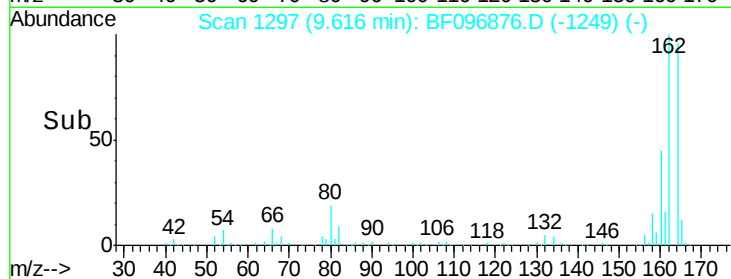
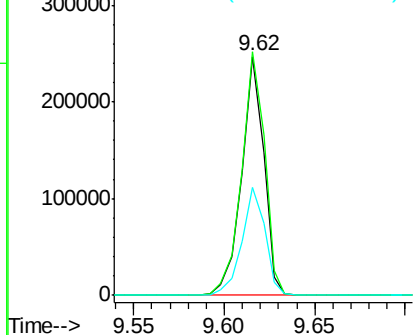
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 210221
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.3 36.2 54.2

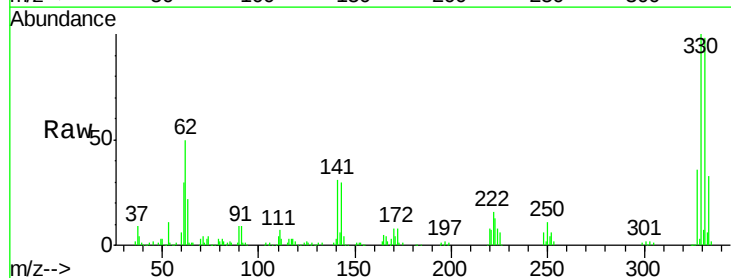


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

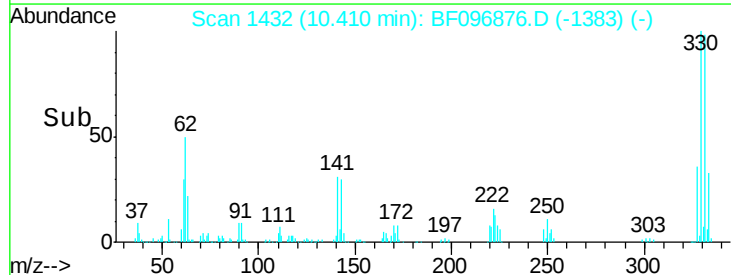
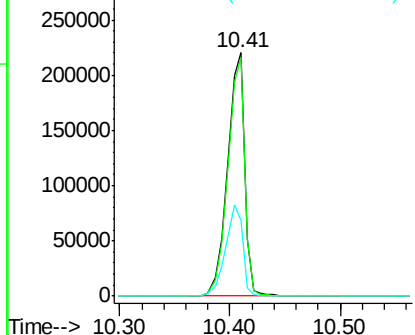


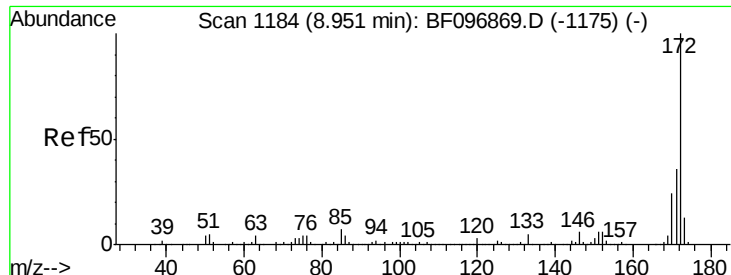
#41
2,4,6-Tribromophenol
Concen: 133.91 ng
RT: 10.41 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:330 Resp: 240284
Ion Ratio Lower Upper
330 100
332 96.6 76.6 115.0
141 37.6 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

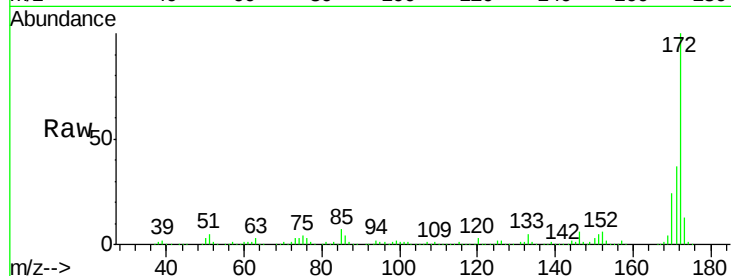




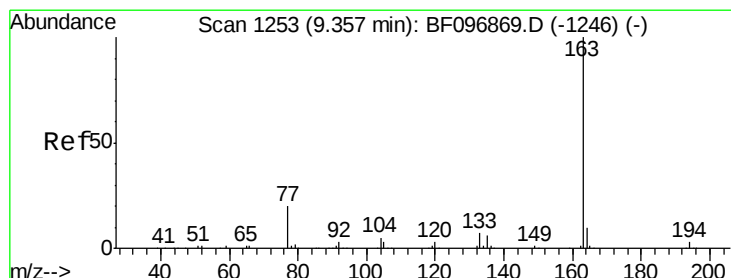
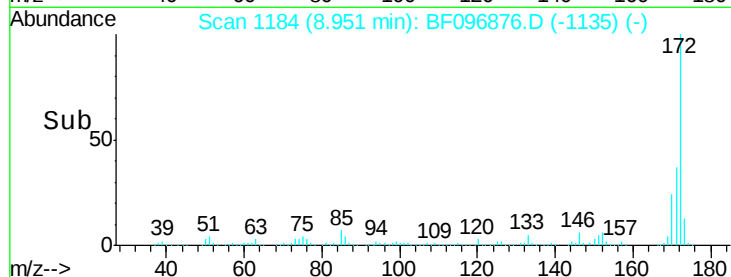
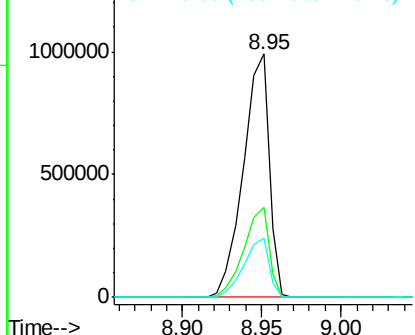
#44
2-Fluorobiphenyl
Concen: 84.17 ng
RT: 8.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1119973
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.1 19.8 29.8

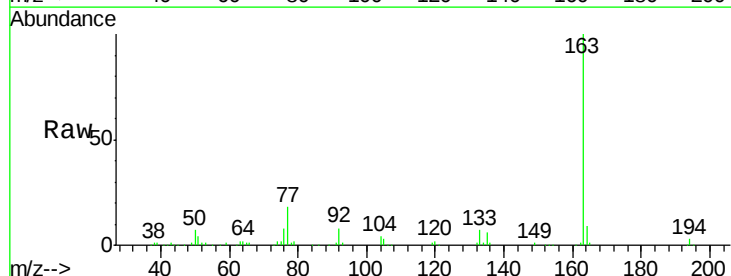


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

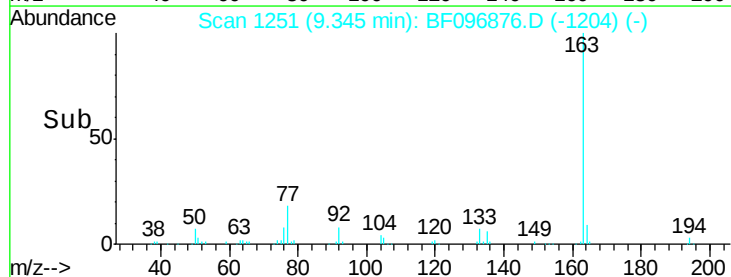
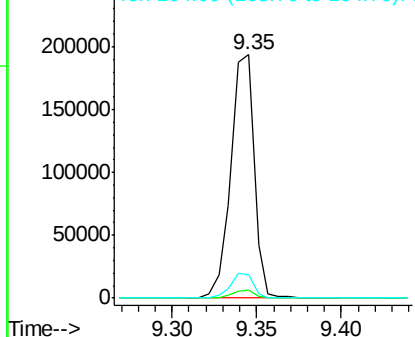


#49
Dimethylphthalate
Concen: 11.72 ng
RT: 9.35 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF096876.D
Acq: 19 Jul 2017 18:07

Tgt Ion:163 Resp: 185467
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.4 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

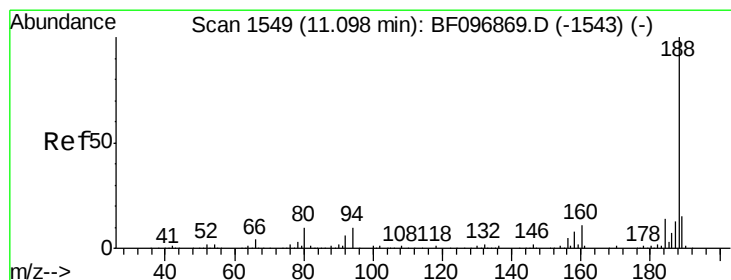
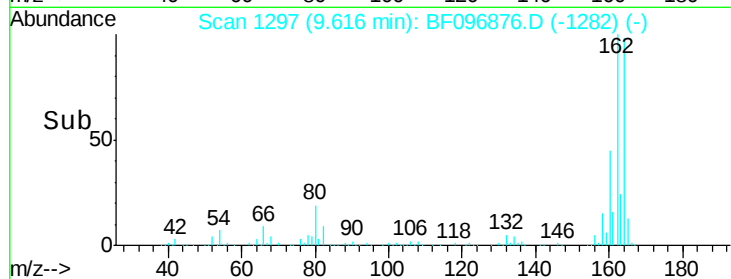
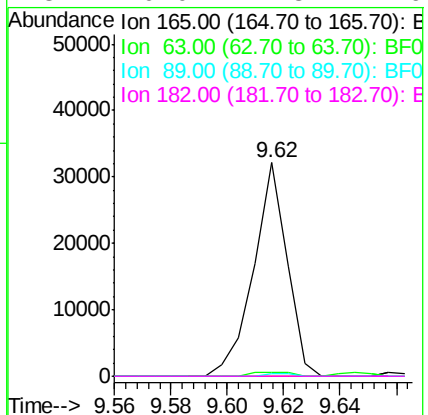
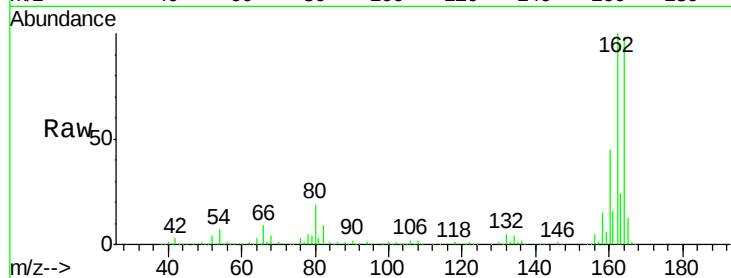




#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.21 min
 Lab File: BF096876.D
 Acq: 19 Jul 2017 18:07

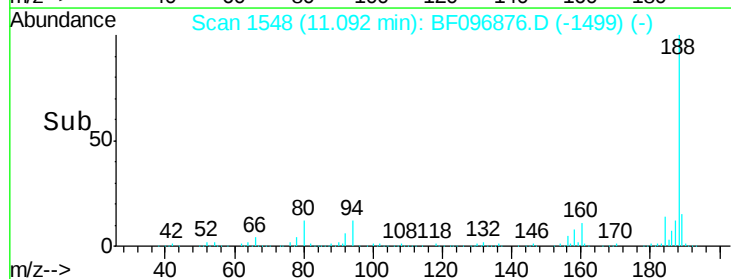
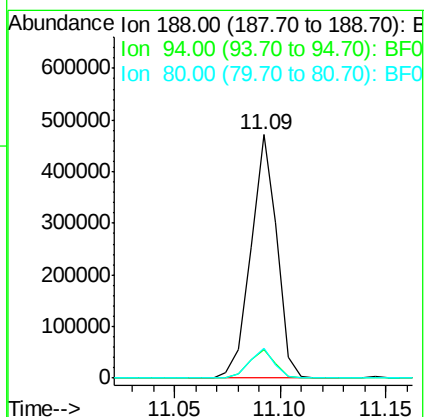
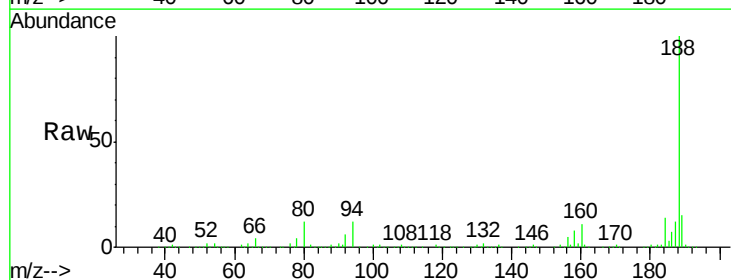
Instrument :
 BNA_F
 ClientSampleId :

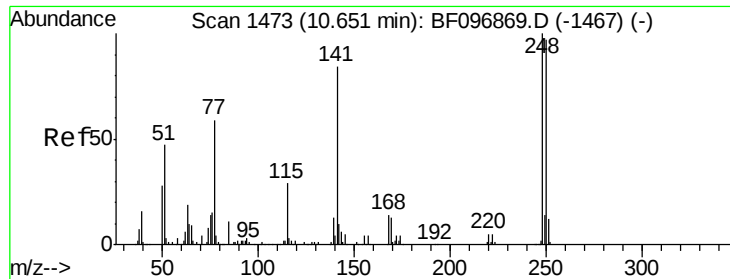
Tot Ion:165 Resp: 26541
 Ion Ratio Lower Upper
 165 100
 63 1.7 25.4 38.0#
 89 1.5 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096876.D
 Acq: 19 Jul 2017 18:07

Tgt Ion:188 Resp: 401944
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.4 14.2
 80 12.3 10.2 15.2

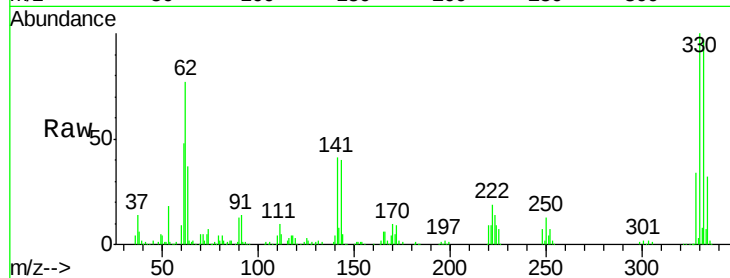




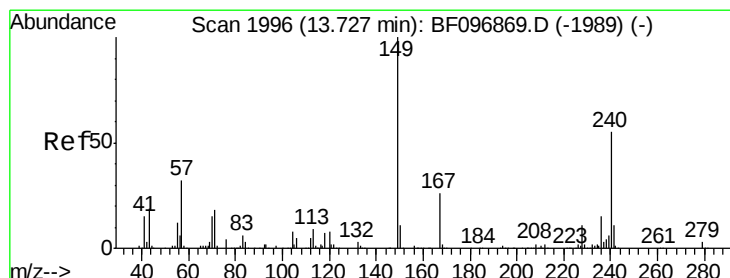
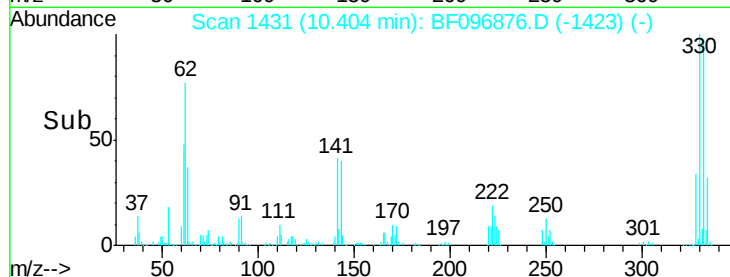
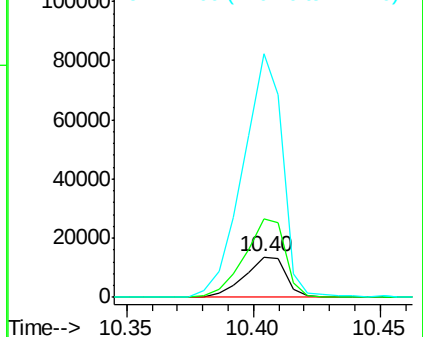
#66
 4-Bromophenyl-phenylether
 Concen: 3.74 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF096876.D
 Acq: 19 Jul 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15356
 Ion Ratio Lower Upper
 248 100
 250 194.2 76.8 115.2#
 141 605.2 68.6 103.0#

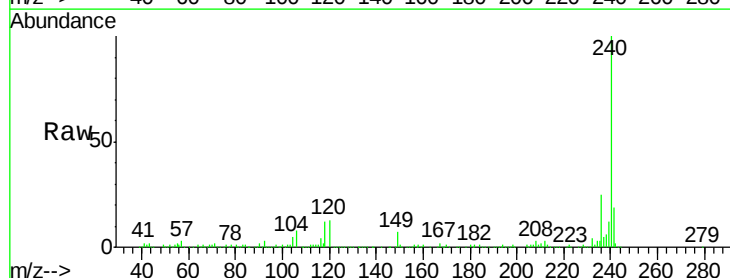


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

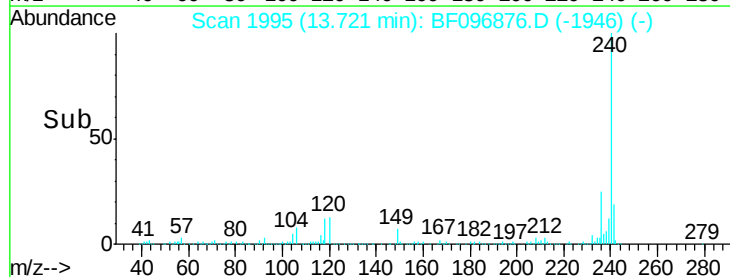
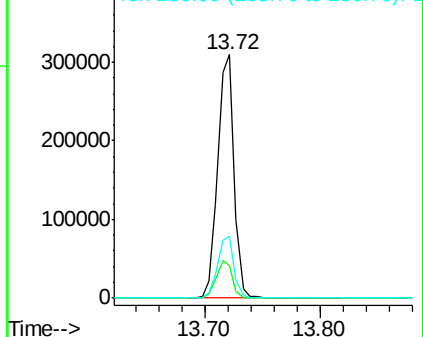


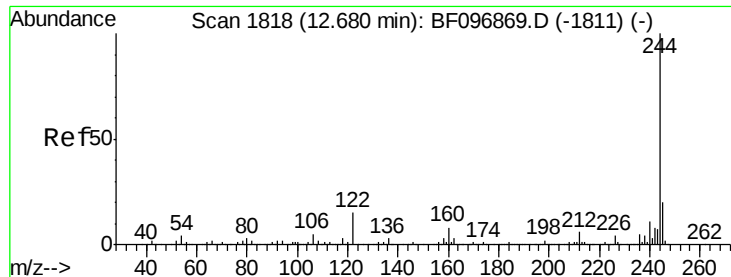
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096876.D
 Acq: 19 Jul 2017 18:07

Tgt Ion:240 Resp: 304347
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.8 8.8#
 236 25.4 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





#78

Terphenyl-d14

Concen: 50.92 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

Instrument :

BNA_F

ClientSampled :

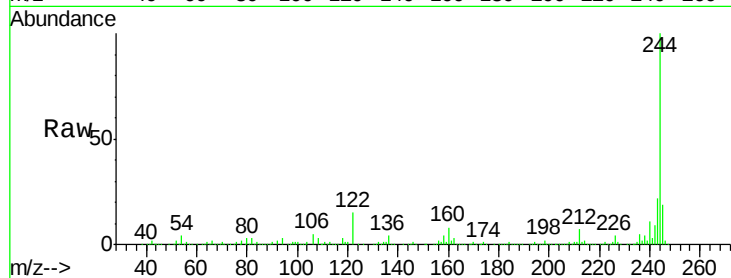
Tot Ion:244 Resp: 893676

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 15.4 10.3 15.5



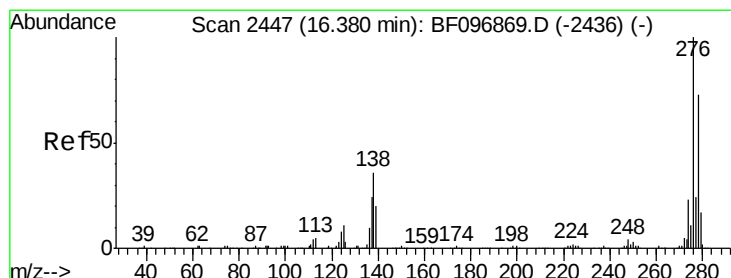
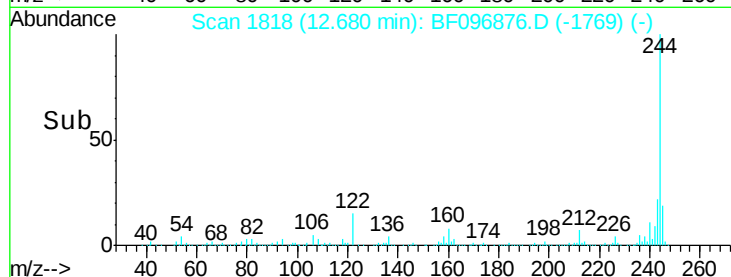
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.68

Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.55 ng

RT: 16.36 min Scan# 2444

Delta R.T. -0.03 min

Lab File: BF096876.D

Acq: 19 Jul 2017 18:07

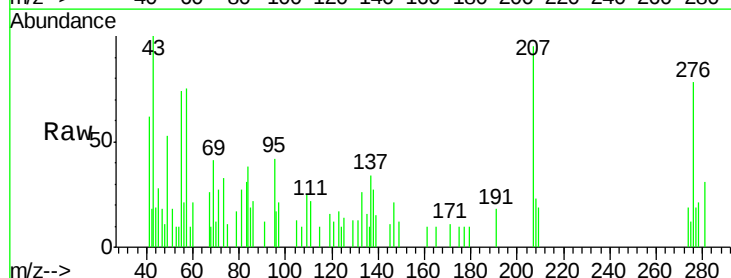
Tgt Ion:276 Resp: 3989

Ion Ratio Lower Upper

276 100

138 47.8 27.8 41.6#

277 26.0 20.2 30.4



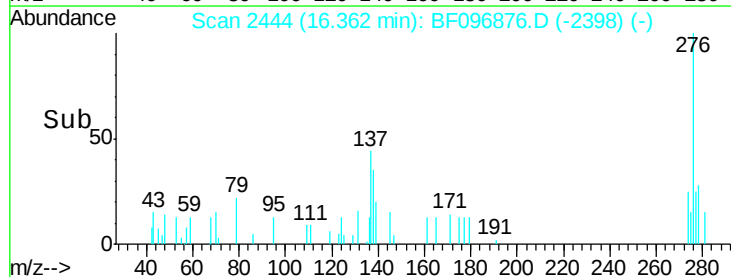
Abundance Ion 276.00 (275.70 to 276.70): E

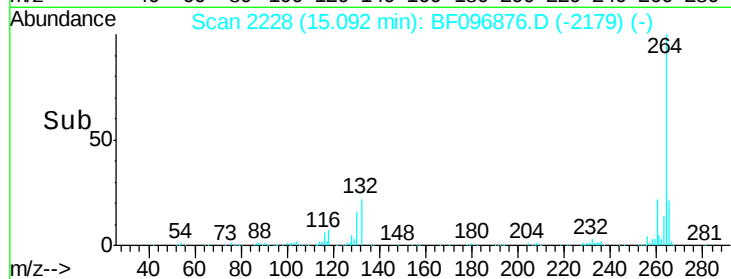
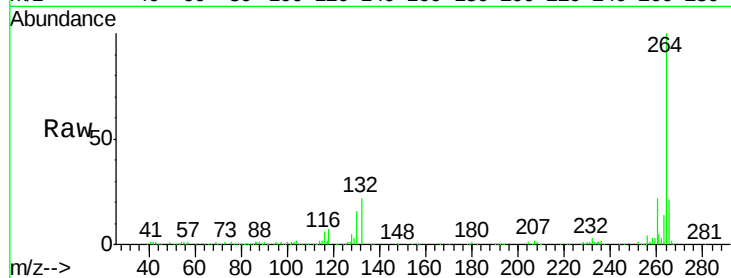
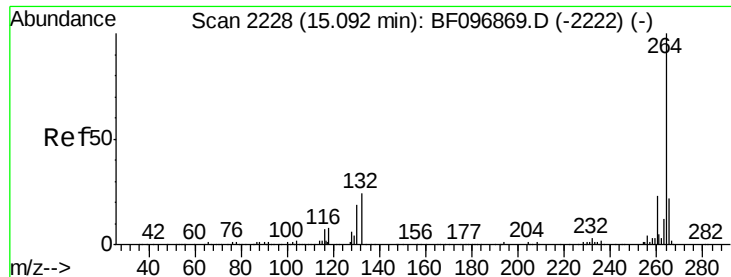
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

16.36

Time-->





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096876.D
 Acq: 19 Jul 2017 18:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	21.0	17.2	25.8

