

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070317\
 Data File : BF096459.D
 Acq On : 4 Jul 2017 00:57
 Operator : SJ/MA
 Sample : I4028-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 03:47:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

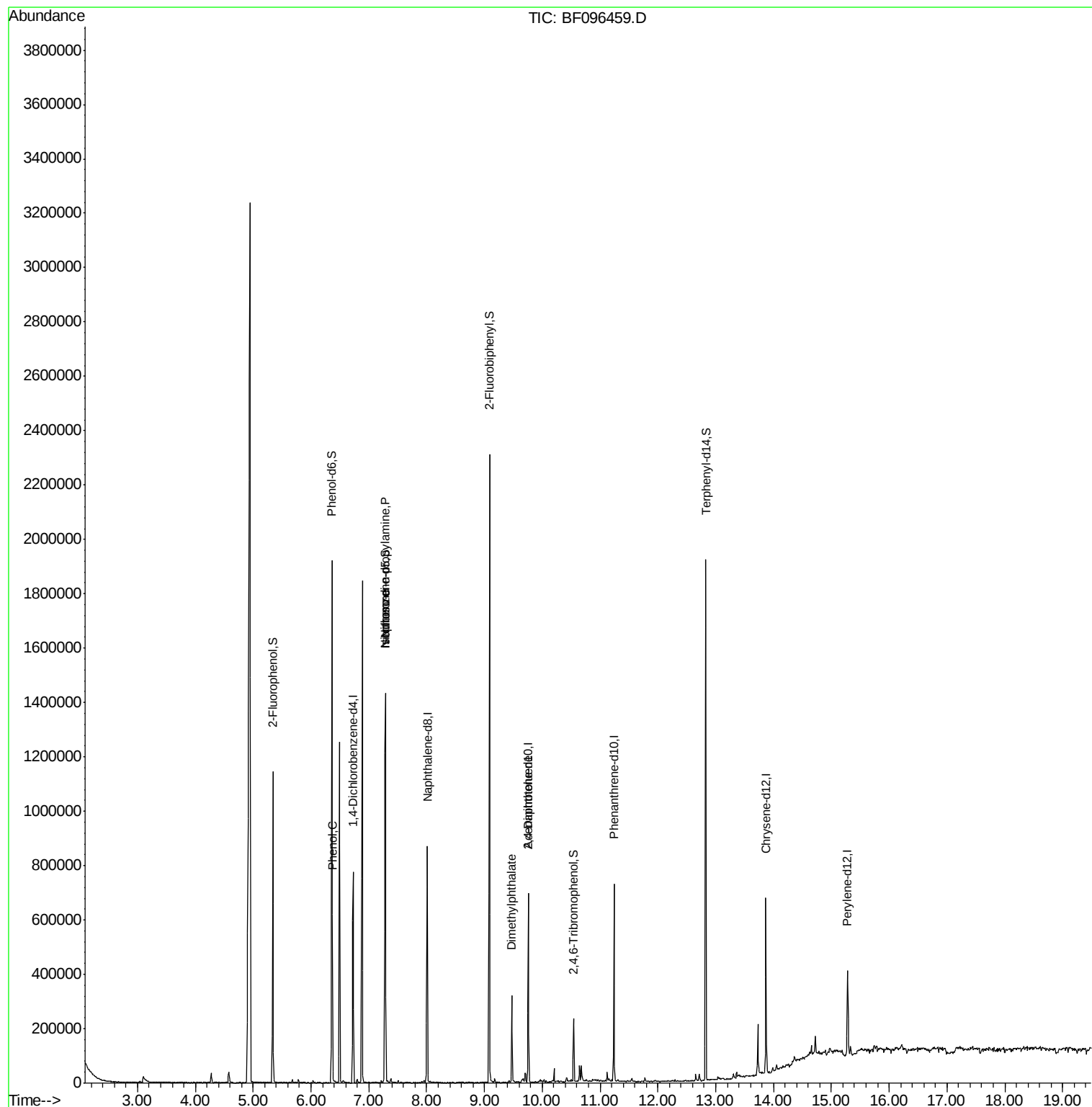
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	107589	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	393149	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	141062	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	234583	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	201318	20.00	ng	-0.01
86) Perylene-d12	15.28	264	125673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	290809	39.89	ng	0.00
7) Phenol-d6	6.36	99	559485	62.43	ng	-0.01
23) Nitrobenzene-d5	7.29	82	422147	64.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	24536	22.27	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	694150	84.14	ng	-0.01
78) Terphenyl-d14	12.83	244	575971	61.13	ng	0.00
Target Compounds						
10) Phenol	6.37	94	35301	3.46	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.29	70	55389	10.38	ng	# 88
25) Isophorone	7.29	82	420840	33.18	ng	# 67
49) Dimethylphthalate	9.47	163	118778	11.28	ng	99
56) 2,4-Dinitrotoluene	9.76	165	17978	6.10	ng	# 31

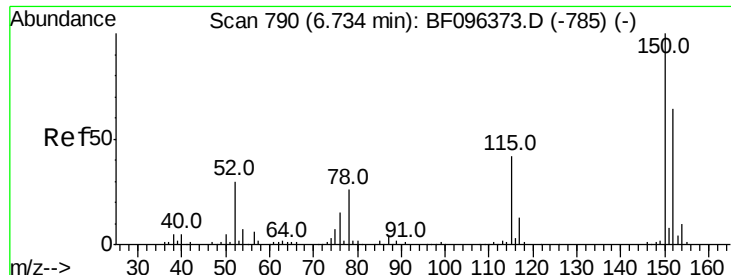
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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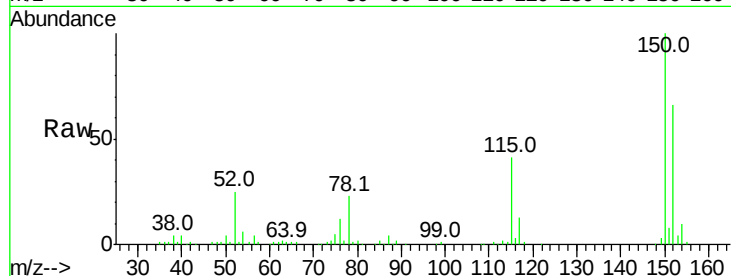


#1

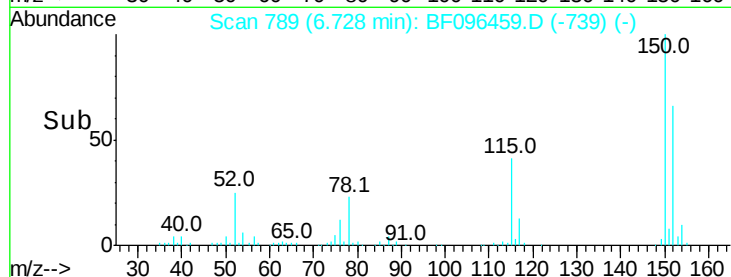
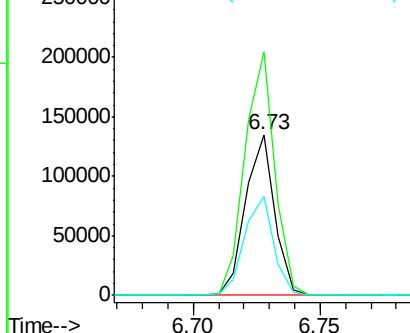
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 107589
Ion Ratio Lower Upper
152 100
150 151.7 126.2 189.2
115 61.9 52.2 78.2



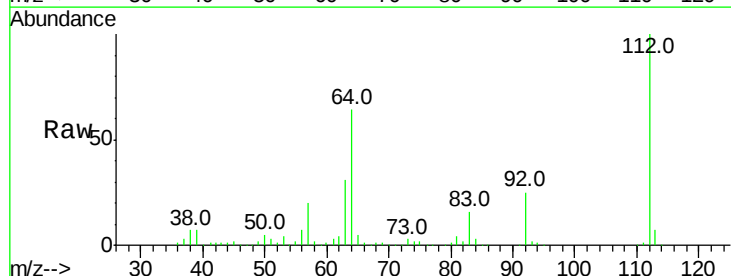
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



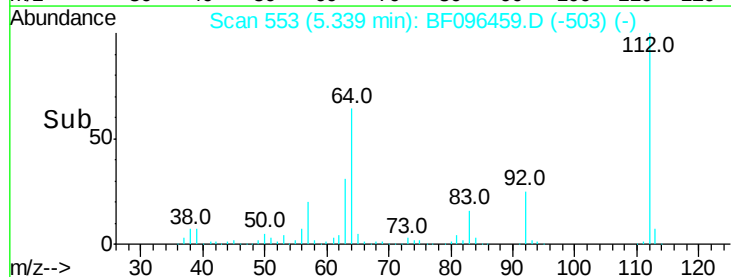
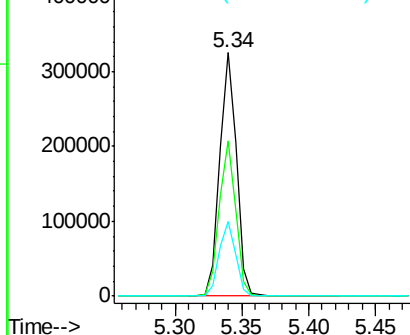
#5

2-Fluorophenol
Concen: 39.89 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Tgt Ion:112 Resp: 290809
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 30.7 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: 62.43 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

Instrument :

BNA_F

ClientSampleId :

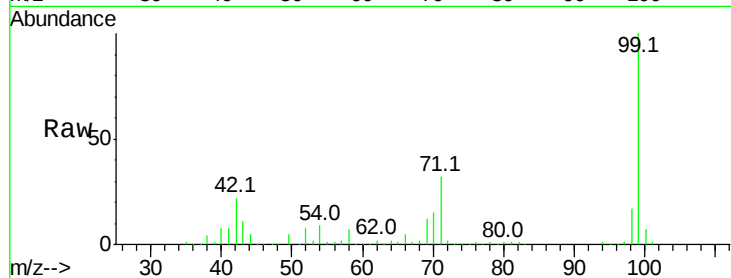
Tot Ion: 99 Resp: 559485

Ion Ratio Lower Upper

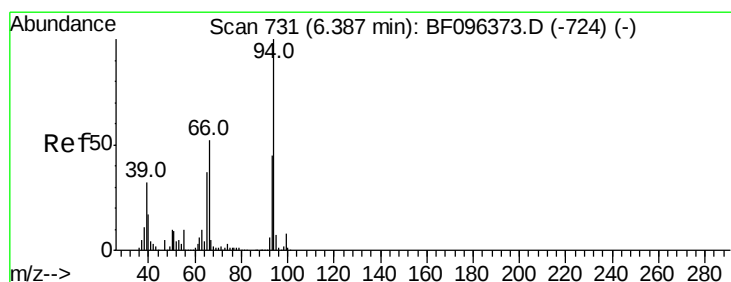
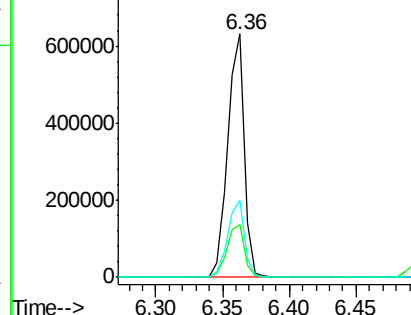
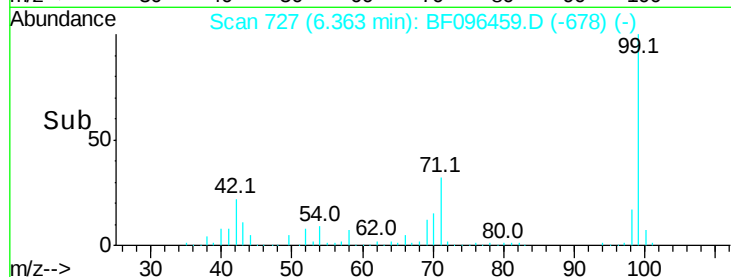
99 100

42 21.9 13.5 20.3#

71 31.7 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



#10

Phenol

Concen: 3.46 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

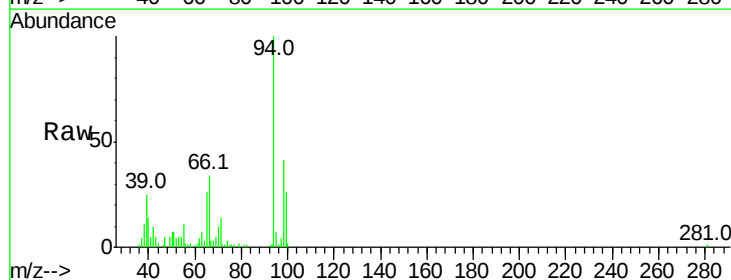
Tgt Ion: 94 Resp: 35301

Ion Ratio Lower Upper

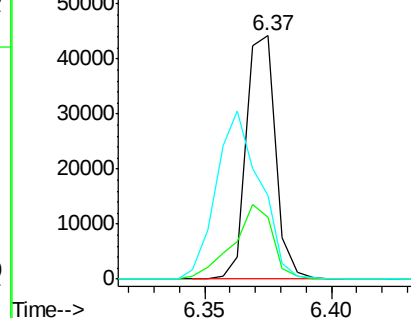
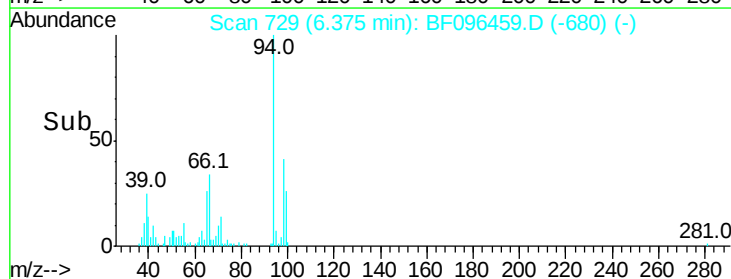
94 100

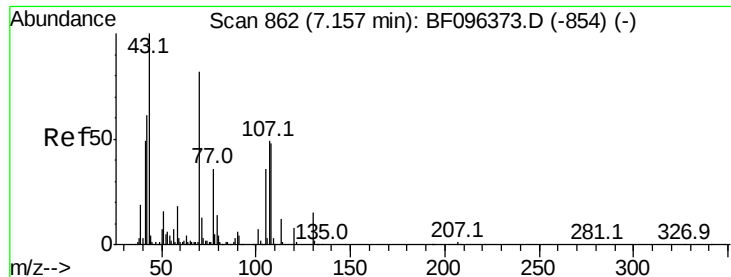
65 25.6 9.9 49.9

66 34.4 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

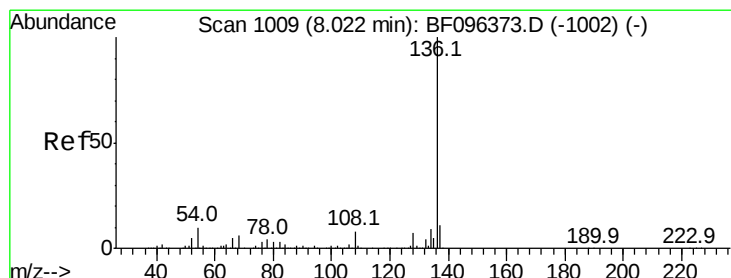
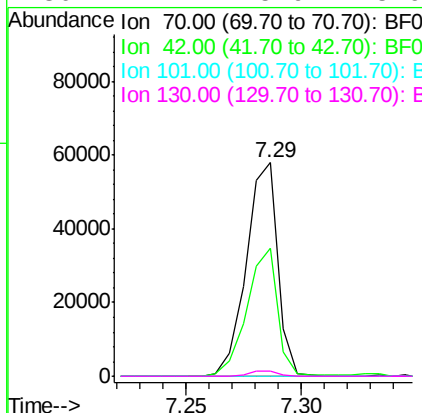
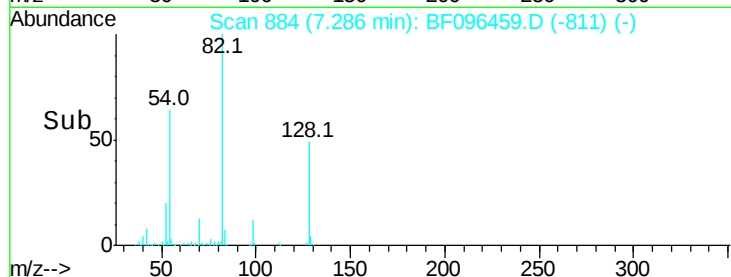
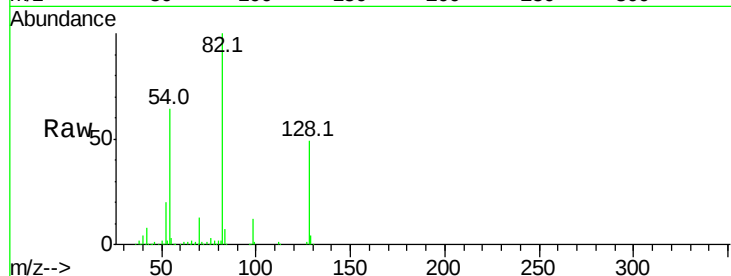




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.38 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.13 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

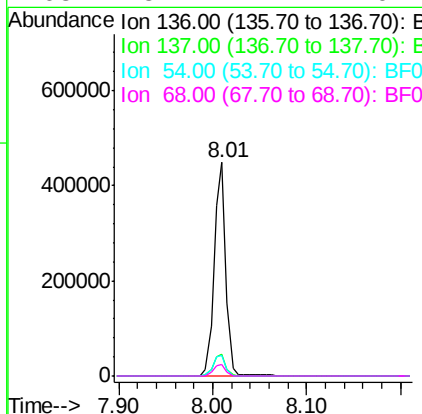
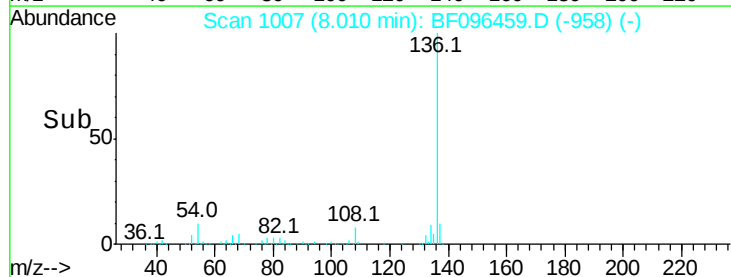
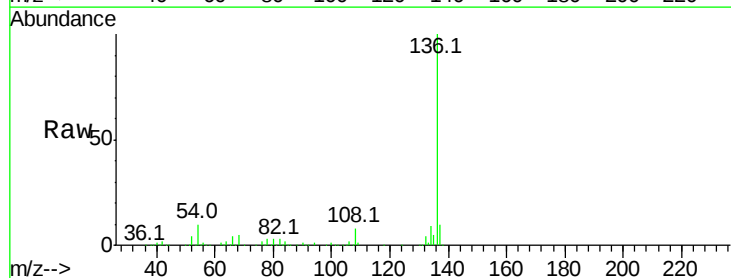
Instrument :
 BNA_F
 ClientSampleId :

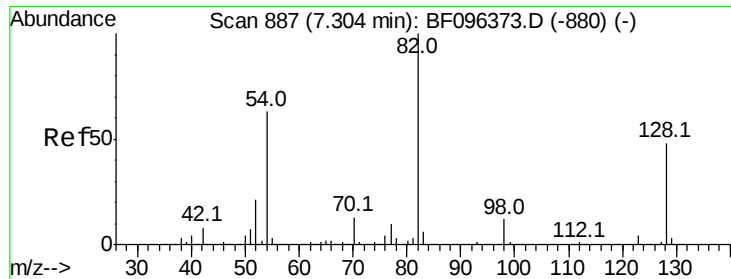
Tot Ion: 70 Resp: 55389
 Ion Ratio Lower Upper
 70 100
 42 60.0 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.2 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Tgt Ion: 136 Resp: 393149
 Ion Ratio Lower Upper
 136 100
 137 10.2 8.5 12.7
 54 9.6 4.9 7.3#
 68 5.4 4.1 6.1

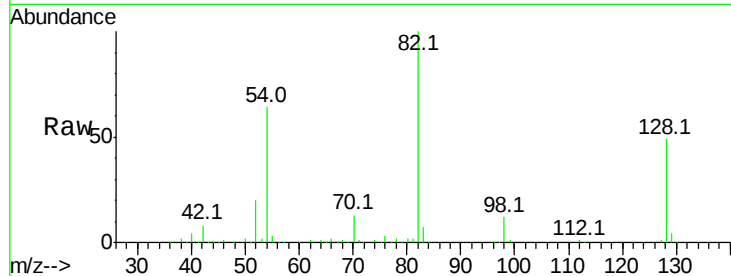




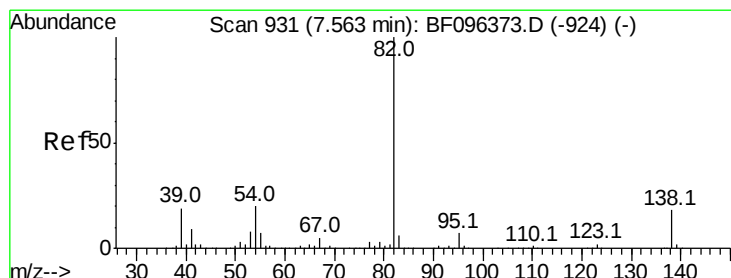
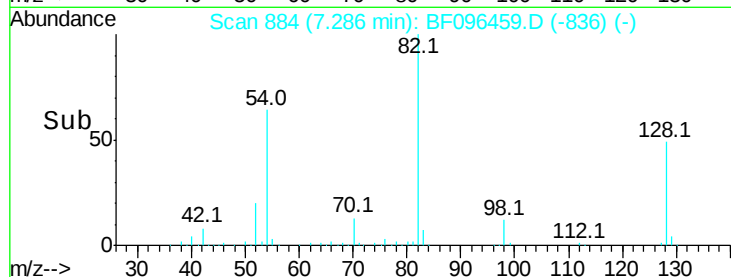
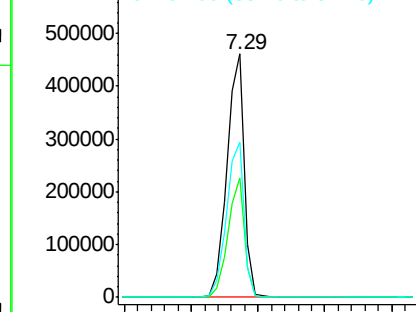
#23
 Nitrobenzene-d5
 Concen: 64.52 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 422147
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.0 51.0
 54 63.6 42.2 63.2#

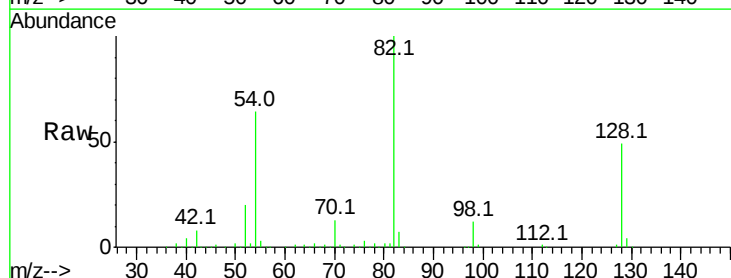


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

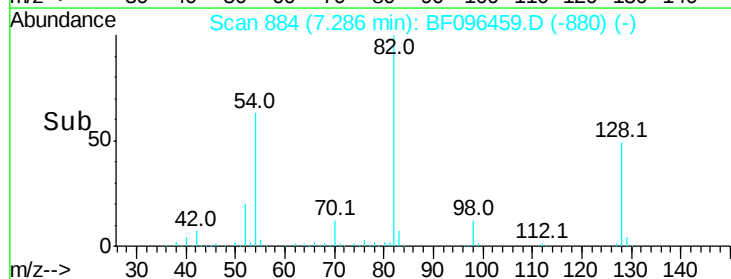
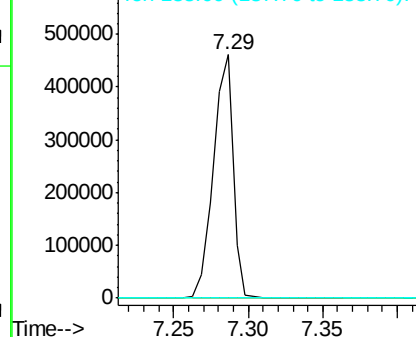


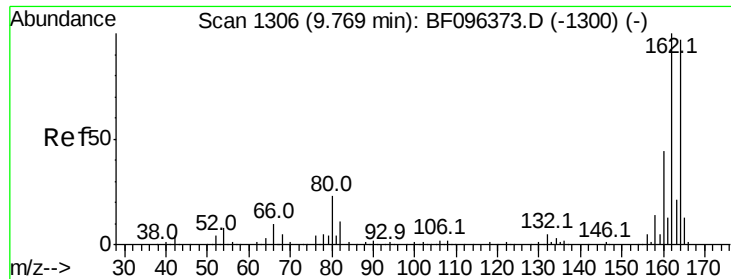
#25
 Isophorone
 Concen: 33.18 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.28 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Tgt Ion: 82 Resp: 420840
 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): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

Instrument :

BNA_F

ClientSampleId :

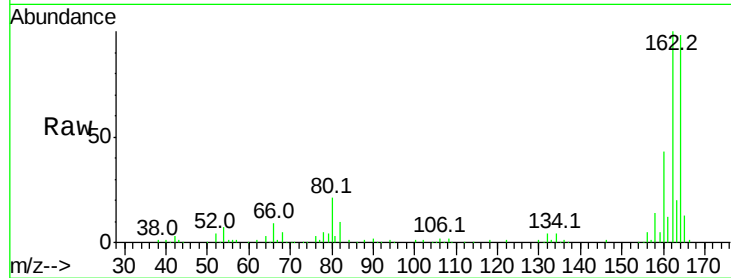
Tot Ion:164 Resp: 141062

Ion Ratio Lower Upper

164 100

162 102.3 82.6 123.8

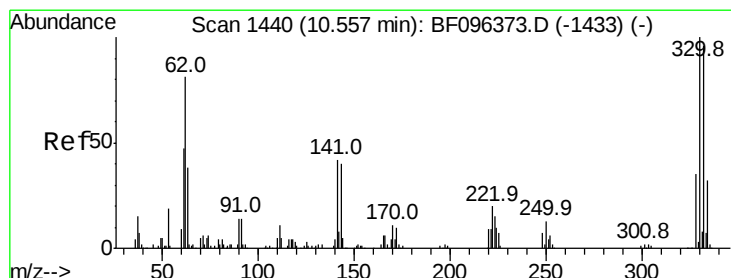
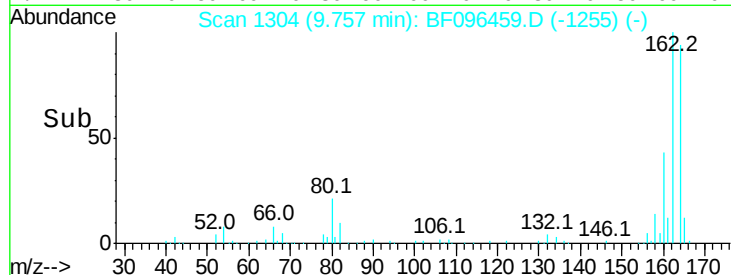
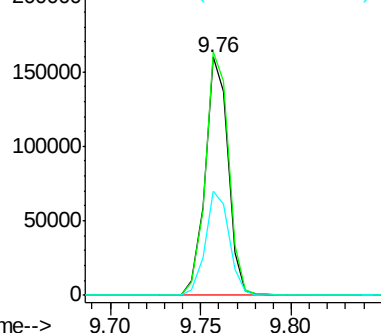
160 44.0 36.2 54.2



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: 22.27 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

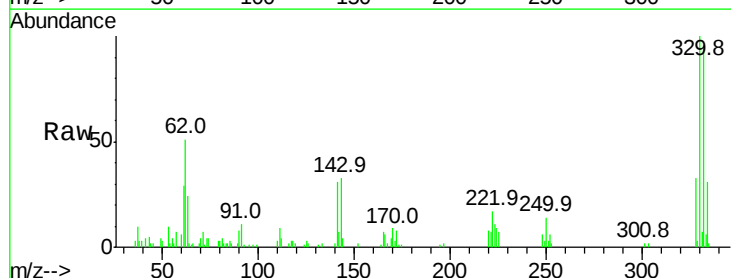
Tgt Ion:330 Resp: 24536

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

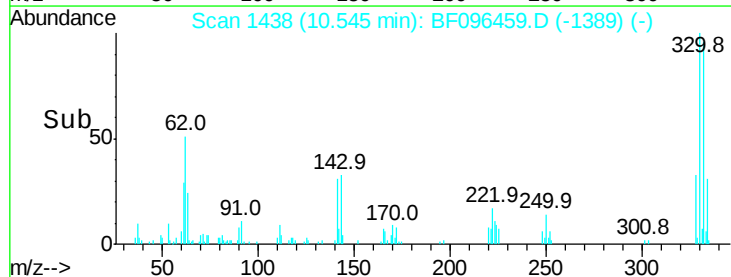
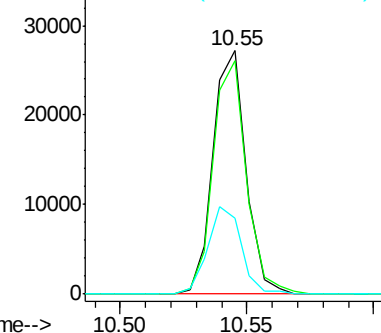
141 36.8 31.4 47.2

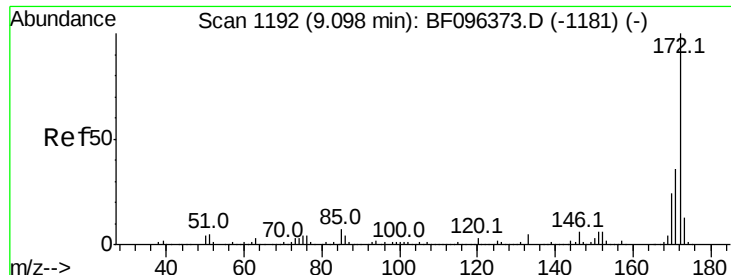


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

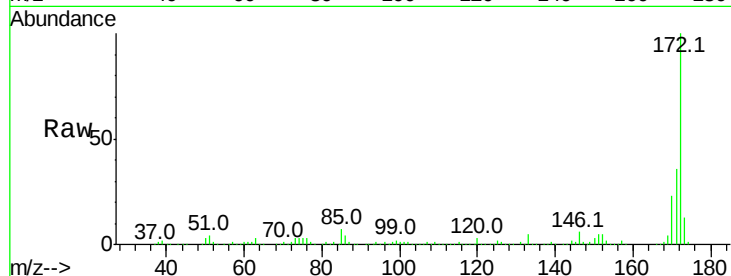




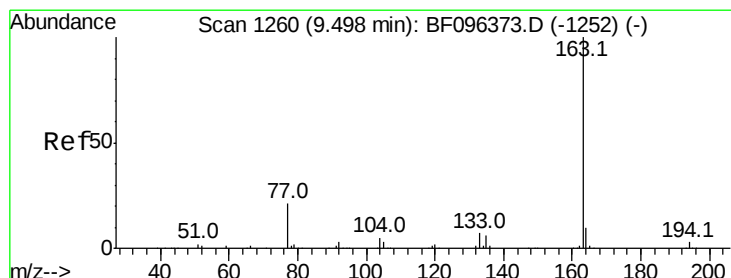
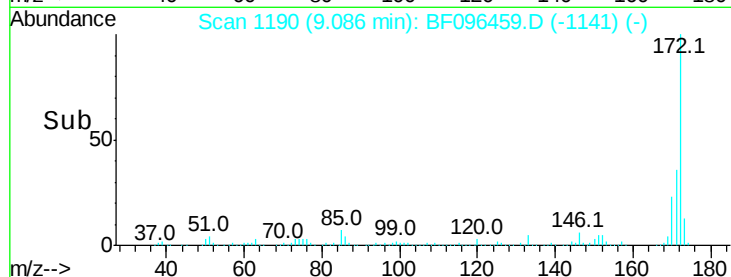
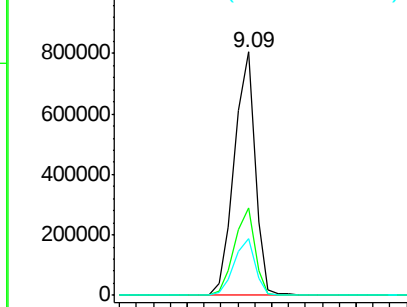
#44
2-Fluorobiphenyl
Concen: 84.14 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 694150
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.3 19.8 29.8

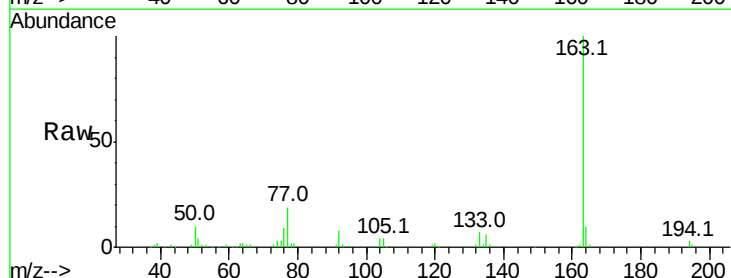


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

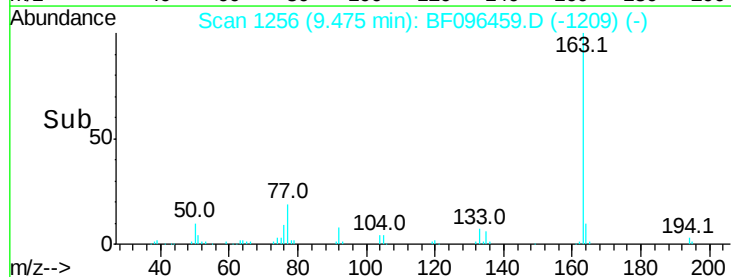
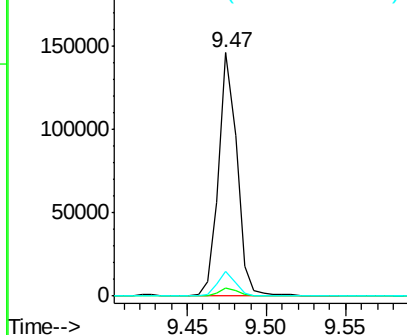


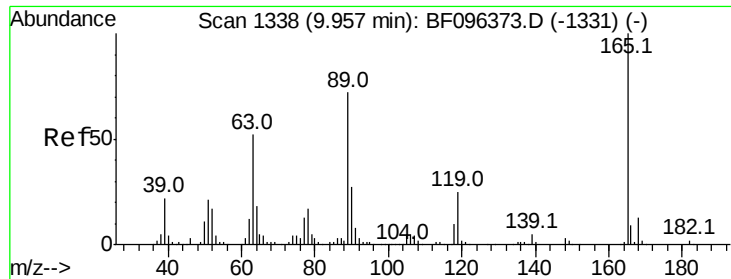
#49
Dimethylphthalate
Concen: 11.28 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Tgt Ion:163 Resp: 118778
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 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

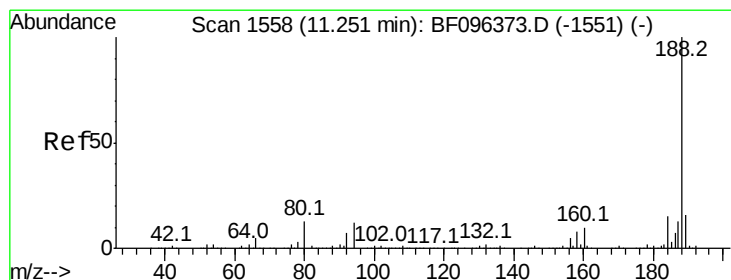
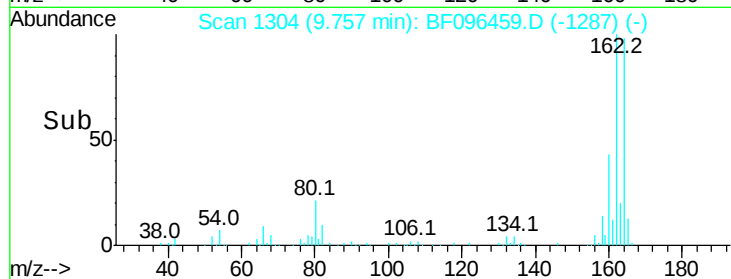
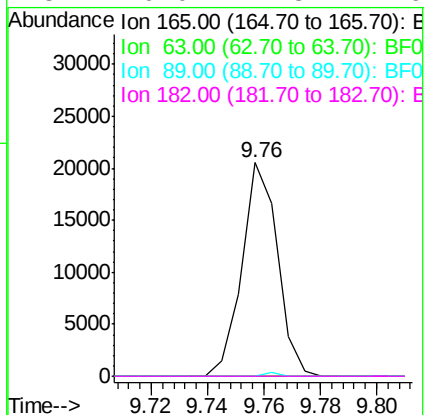
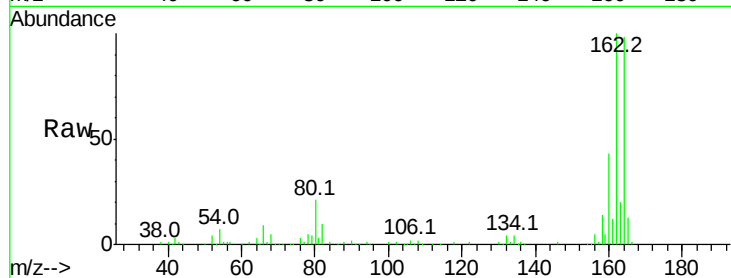




#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

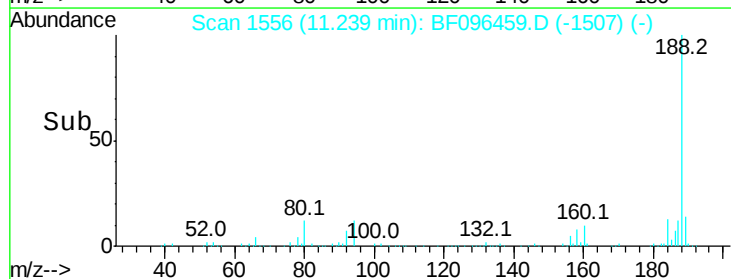
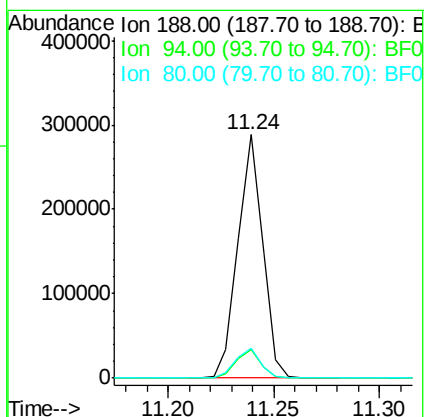
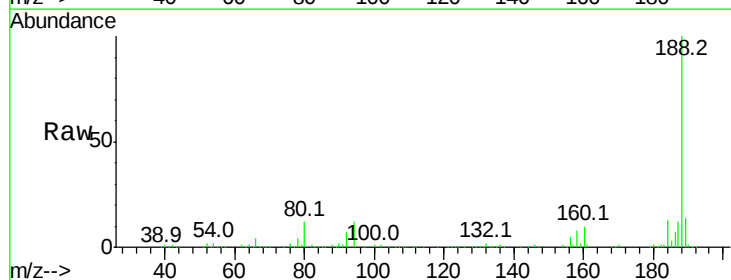
Instrument :
 BNA_F
 ClientSampleId :

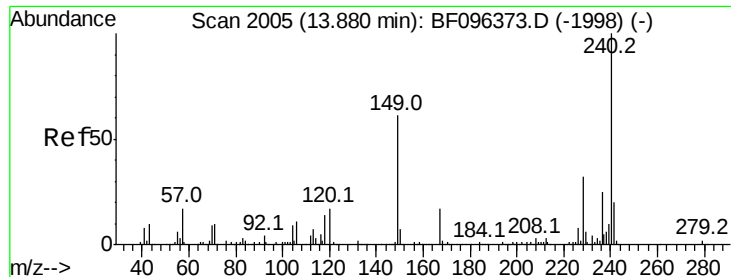
Tot Ion:165 Resp: 17978
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF096459.D
 Acq: 4 Jul 2017 00:57

Tgt Ion:188 Resp: 234583
 Ion Ratio Lower Upper
 188 100
 94 11.6 9.4 14.2
 80 12.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

Instrument :

BNA_F

ClientSampleId :

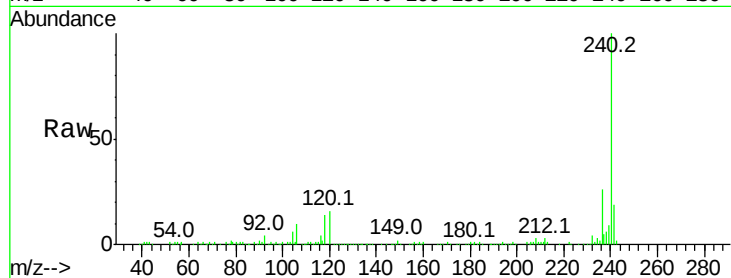
Tot Ion:240 Resp: 201318

Ion Ratio Lower Upper

240 100

120 16.5 5.8 8.8#

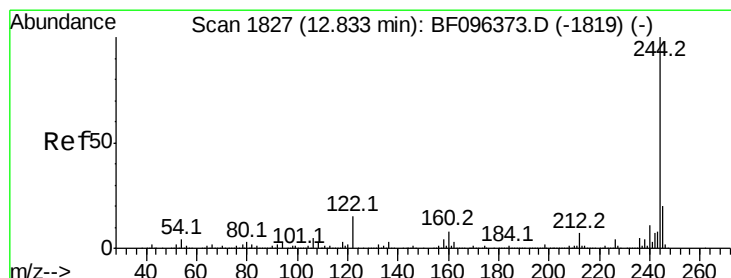
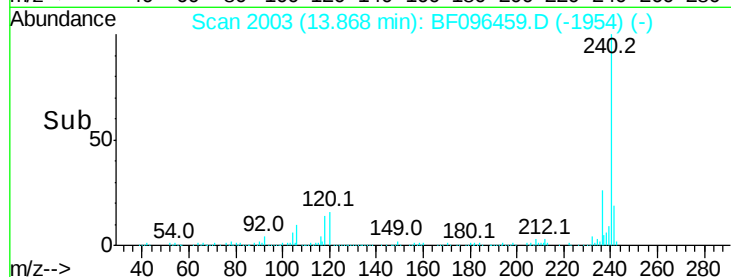
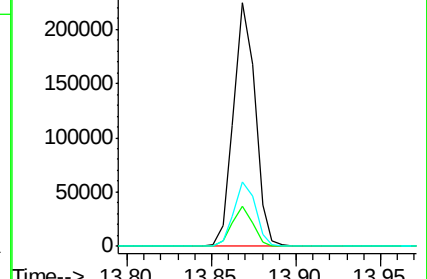
236 26.5 20.5 30.7



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



#78

Terphenyl-d14

Concen: 61.13 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096459.D

Acq: 4 Jul 2017 00:57

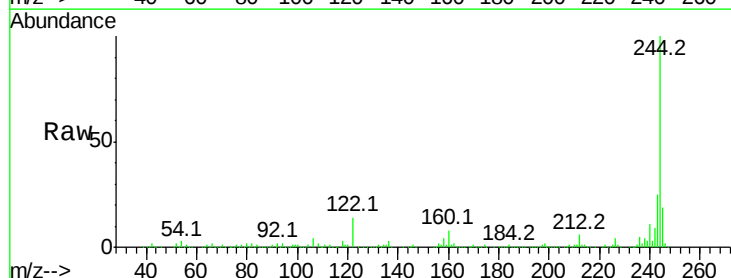
Tgt Ion:244 Resp: 575971

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

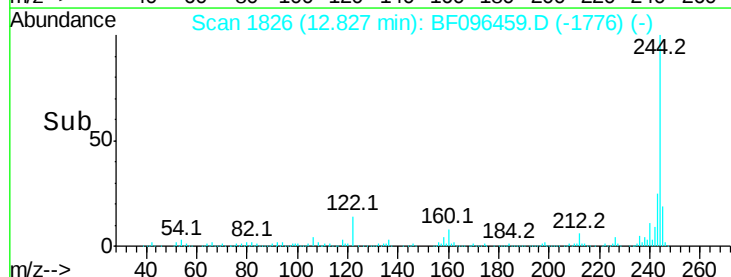
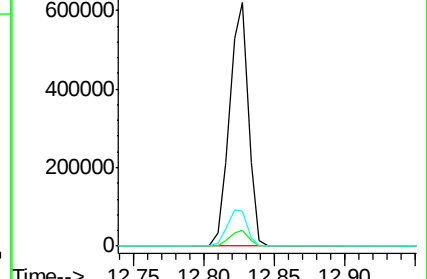
122 14.3 10.3 15.5

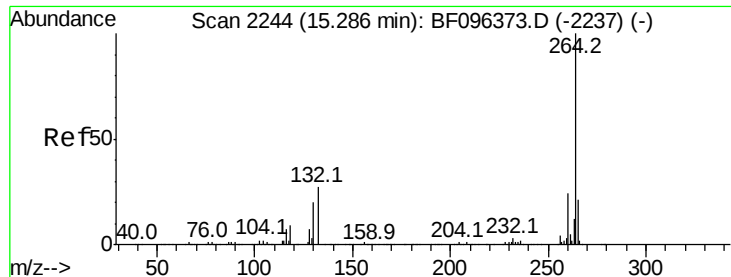


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096459.D
Acq: 4 Jul 2017 00:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.2	17.2	25.8

