

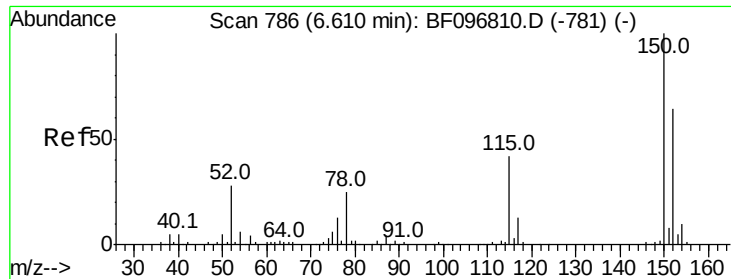
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096841.D
 Acq On : 18 Jul 2017 12:07
 Operator : SJ/JU
 Sample : I4199-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Quant Time: Jul 18 12:48:21 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 11:39:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	112730	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	495894	20.00	ng	-0.04
38) Acenaphthene-d10	9.63	164	232194	20.00	ng	-0.04
63) Phenanthrene-d10	11.10	188	325617	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	209434	20.00	ng	-0.05
86) Perylene-d12	15.10	264	196757	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	422700	56.38	ng	-0.03
7) Phenol-d6	6.25	99	322386	35.83	ng	-0.04
23) Nitrobenzene-d5	7.16	82	714859	89.29	ng	-0.04
41) 2,4,6-Tribromophenol	10.42	330	228641	115.36	ng	-0.04
44) 2-Fluorobiphenyl	8.96	172	1128896	76.81	ng	-0.04
78) Terphenyl-d14	12.69	244	799259	66.18	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.37	77	15177	2.919	ng	# 72
19) n-Nitroso-di-n-propylamine	7.16	70	97714	18.027	ng	# 88
25) Isophorone	7.16	82	658115	44.189	ng	# 67
49) Dimethylphthalate	9.63	163	69392	3.969	ng	# 1
50) 2,6-Dinitrotoluene	9.63	165	29837	7.879	ng	# 34
53) 2,4-Dinitrophenol	9.62	184	109	6.794	ng	# 35
56) 2,4-Dinitrotoluene	9.63	165	29837	6.131	ng	# 33
60) 4-Chlorophenyl-phenylether	10.37	204	720	Below Cal		# 67
66) 4-Bromophenyl-phenylether	10.42	248	15434	4.643	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.26	276	122	3.337	ng	# 1

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

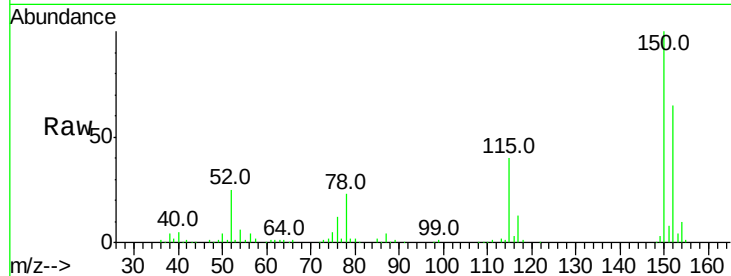


#1

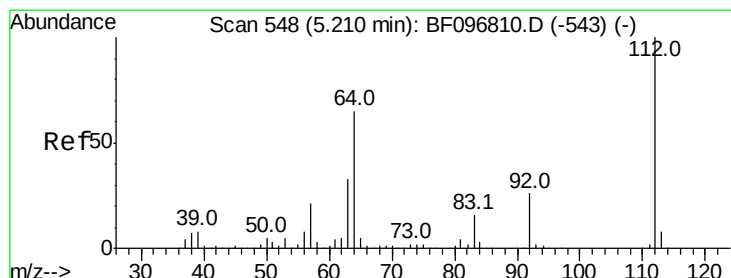
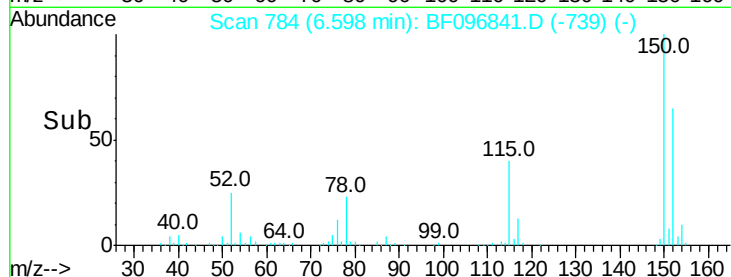
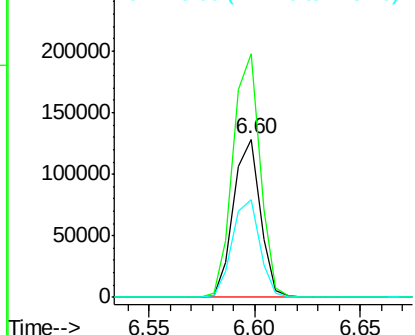
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 784
 Delta R.T. -0.04 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Tot Ion:152 Resp: 112730
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.2
 115 62.1 52.2 78.2



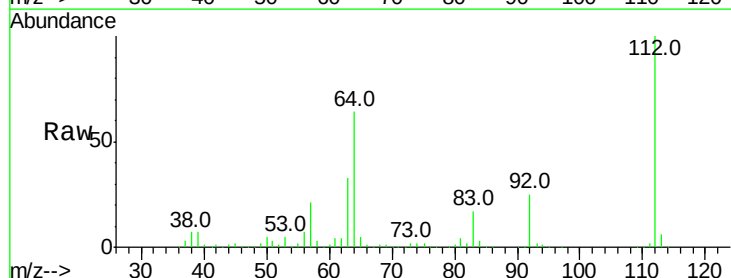
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



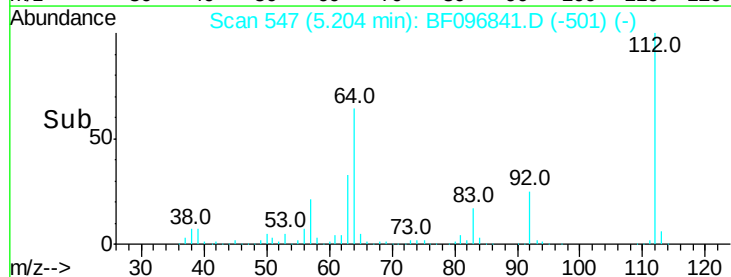
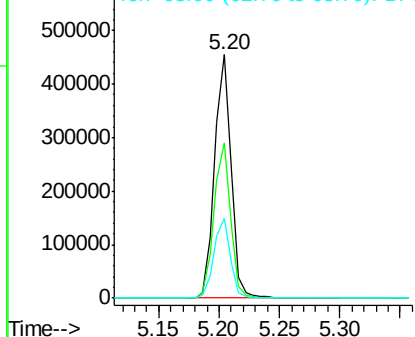
#5

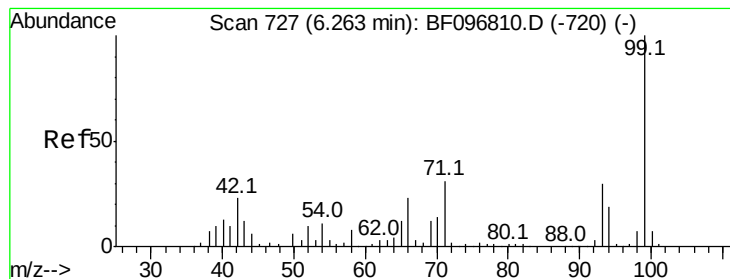
2-Fluorophenol
 Concen: 56.379 ng
 RT: 5.20 min Scan# 547
 Delta R.T. -0.03 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion:112 Resp: 422700
 Ion Ratio Lower Upper
 112 100
 64 64.0 46.0 69.0
 63 32.5 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: 35.832 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Instrument :

BNA_F

ClientSampleId :

3574-PA4

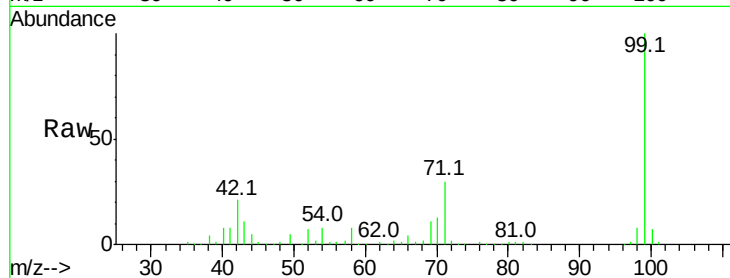
Tot Ion: 99 Resp: 322386

Ion Ratio Lower Upper

99 100

42 20.9 13.5 20.3#

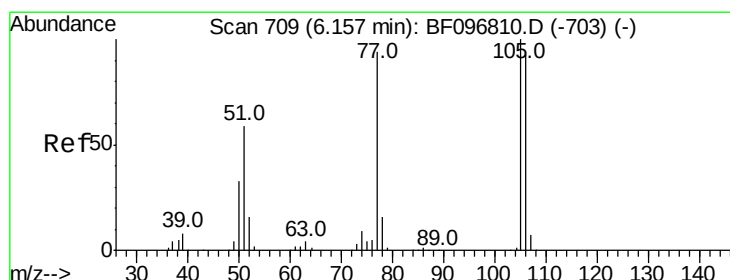
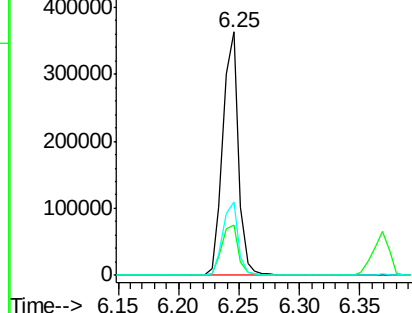
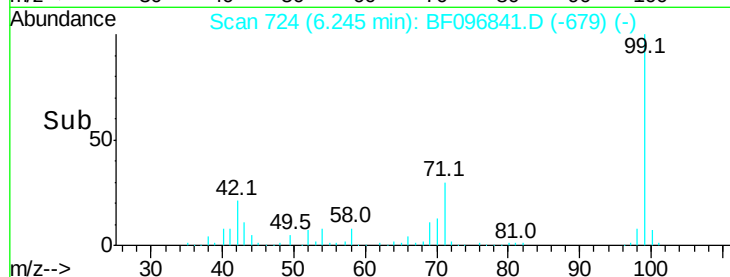
71 30.2 24.5 36.7



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



#9

Benzaldehyde

Concen: 2.919 ng

RT: 6.37 min Scan# 745

Delta R.T. 0.19 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

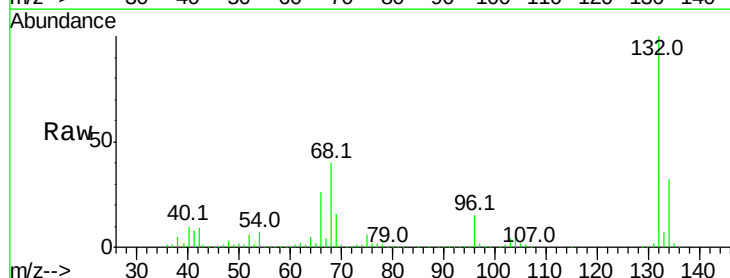
Tgt Ion: 77 Resp: 15177

Ion Ratio Lower Upper

77 100

105 76.2 83.8 123.8#

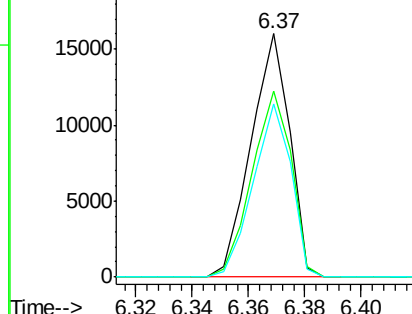
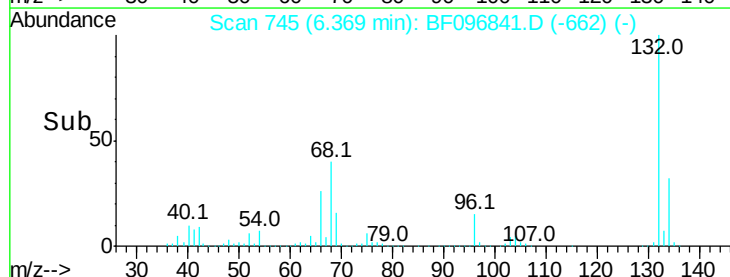
106 71.2 79.1 119.1#

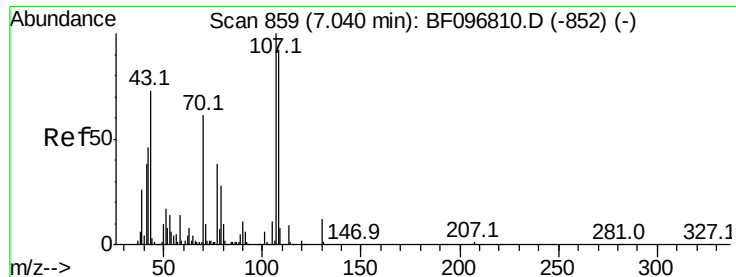


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

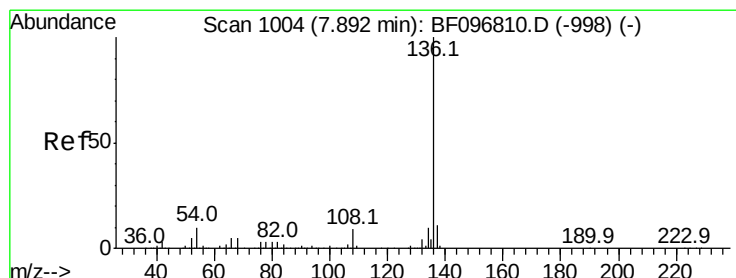
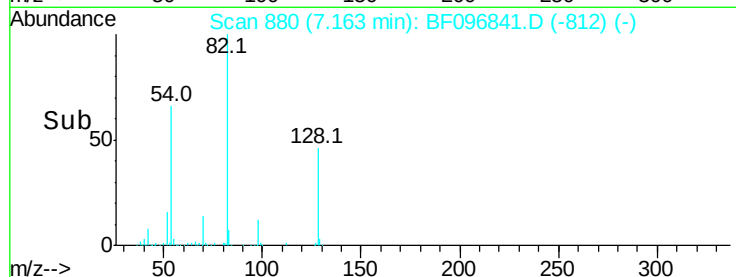
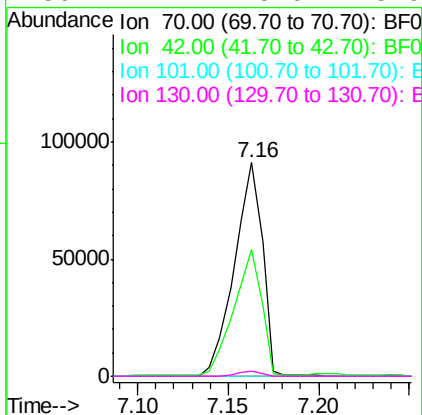
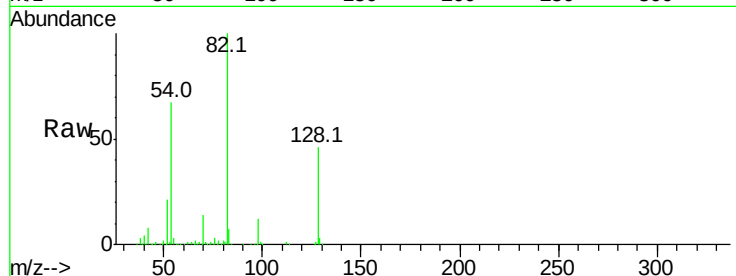




#19
n-Nitroso-di-n-propylamine
Concen: 18.027 ng
RT: 7.16 min Scan# 880
Delta R.T. 0.10 min
Lab File: BF096841.D
Acq: 18 Jul 2017 12:07

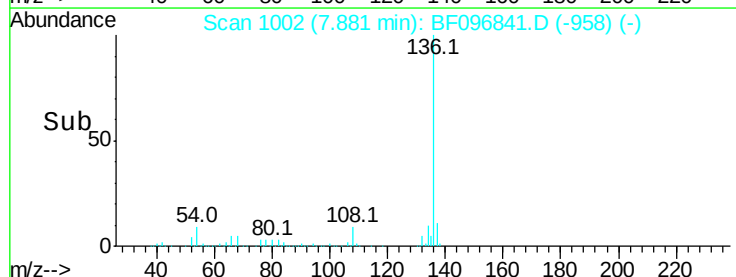
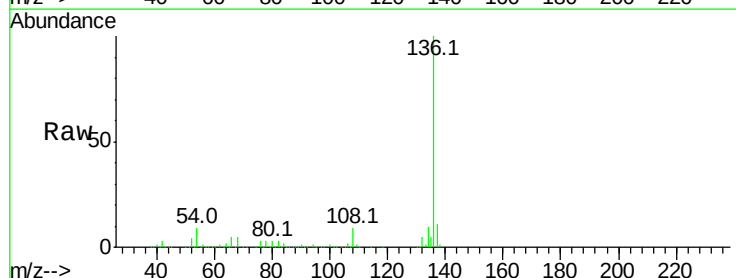
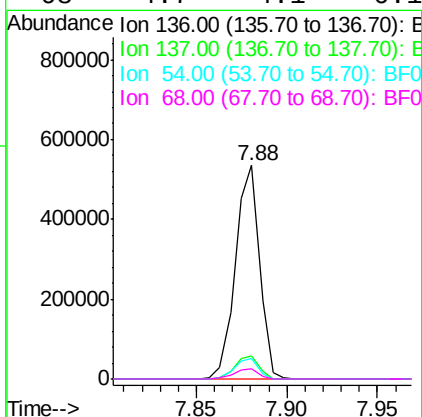
Instrument :
BNA_F
ClientSampleId :
3574-PA4

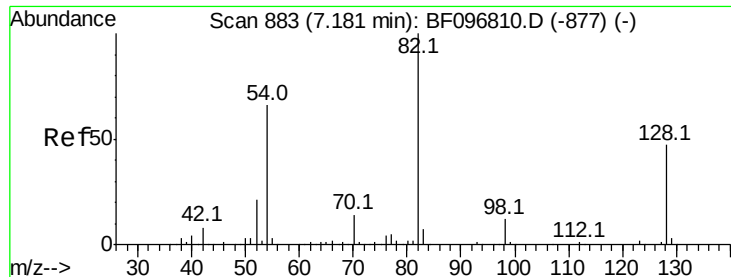
Tot Ion: 70 Resp: 97714
Ion Ratio Lower Upper
70 100
42 59.6 47.2 70.8
101 0.0 7.2 10.8#
130 2.2 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.04 min
Lab File: BF096841.D
Acq: 18 Jul 2017 12:07

Tgt Ion:136 Resp: 495894
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.4 4.9 7.3#
68 4.7 4.1 6.1

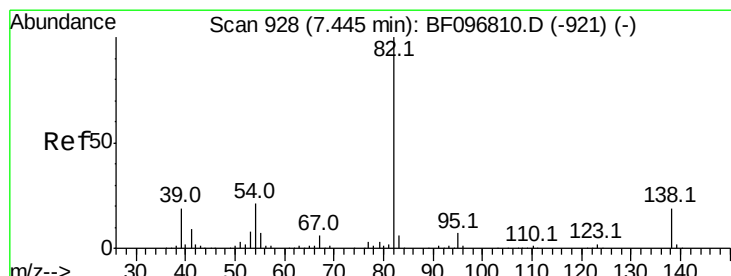
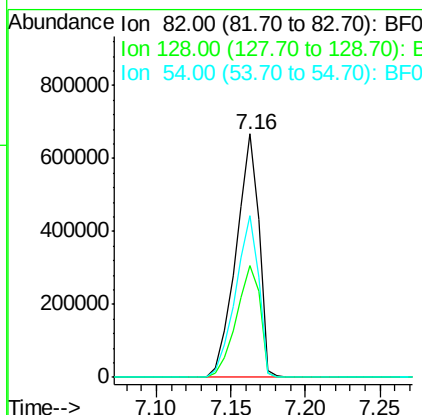
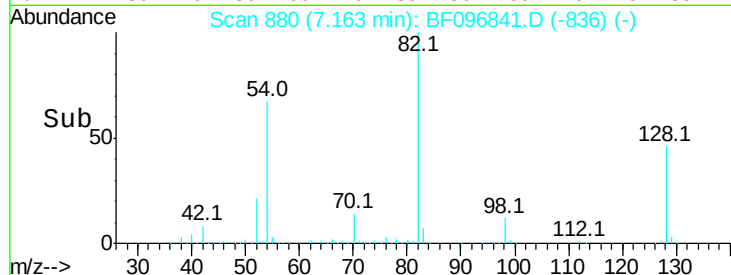
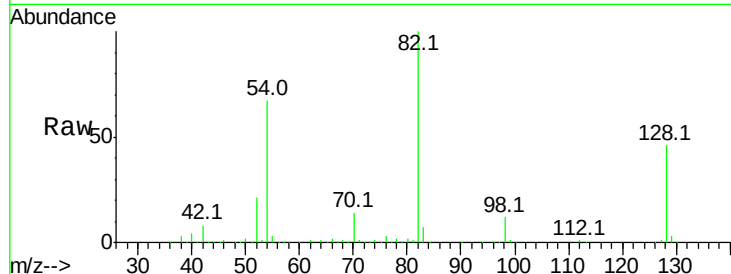




#23
 Nitrobenzene-d5
 Concen: 89.291 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.04 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

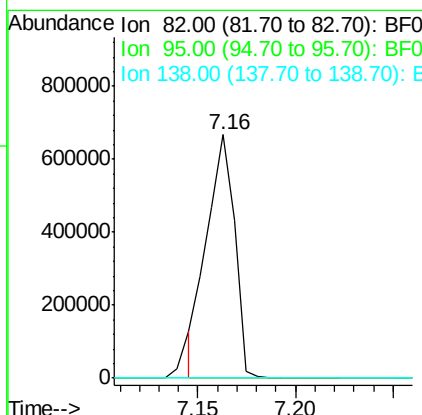
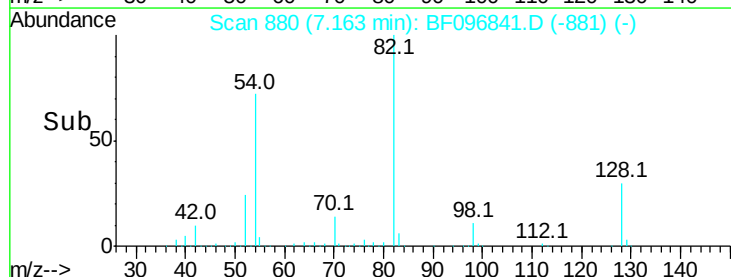
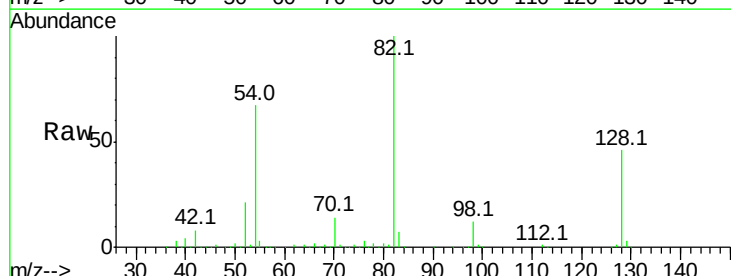
Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

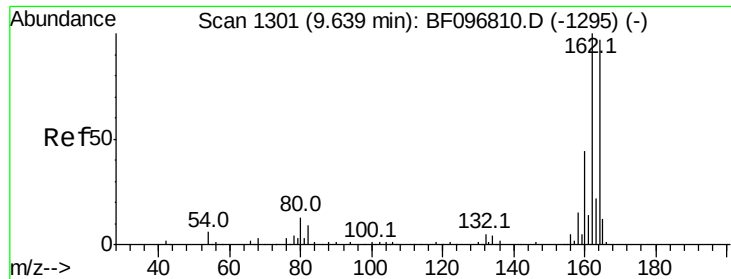
Tot Ion: 82 Resp: 714859
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.0 51.0
 54 66.6 42.2 63.2#



#25
 Isophorone
 Concen: 44.189 ng
 RT: 7.16 min Scan# 880
 Delta R.T. -0.31 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion: 82 Resp: 658115
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

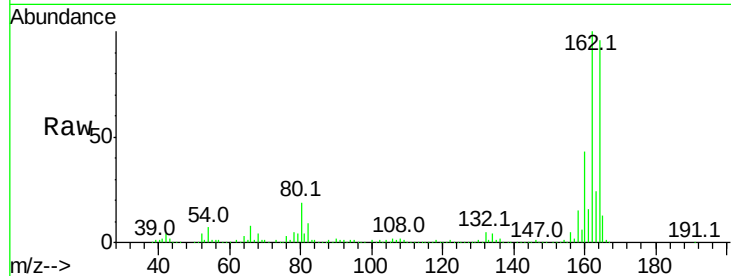




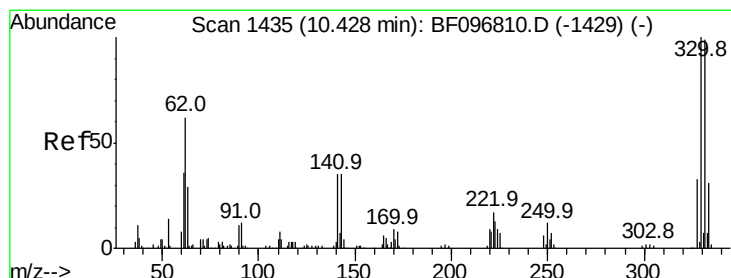
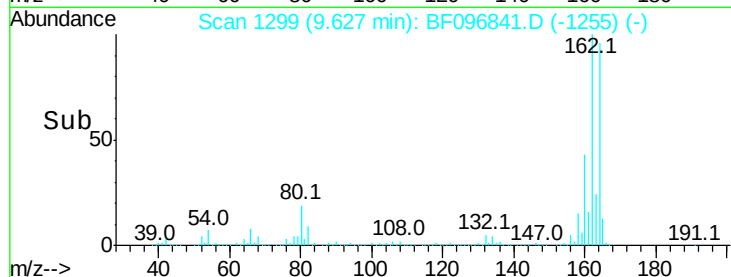
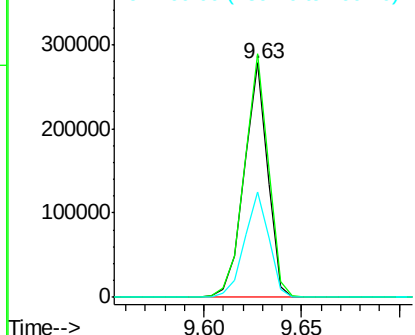
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.04 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.9	36.2	54.2

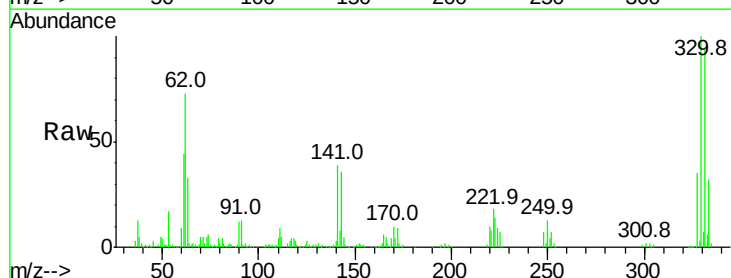


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

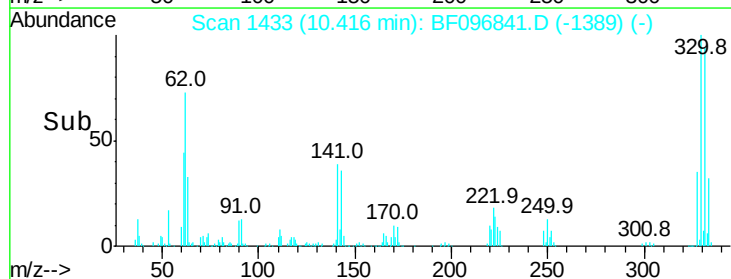
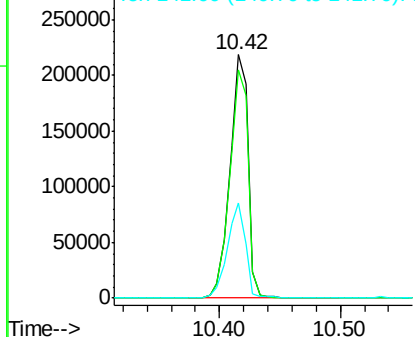


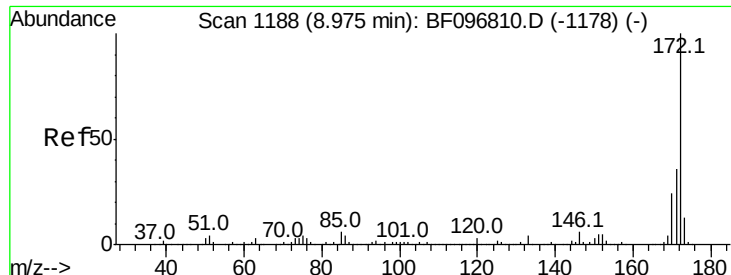
#41
 2,4,6-Tribromophenol
 Concen: 115.360 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.04 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	38.8	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

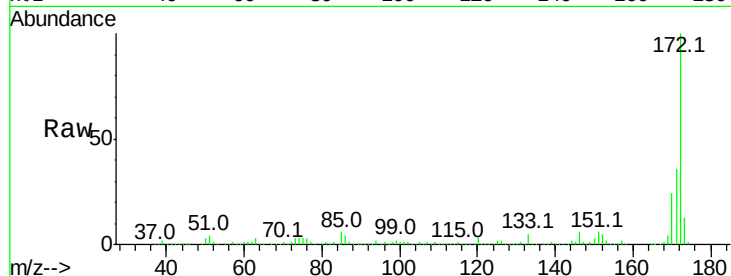




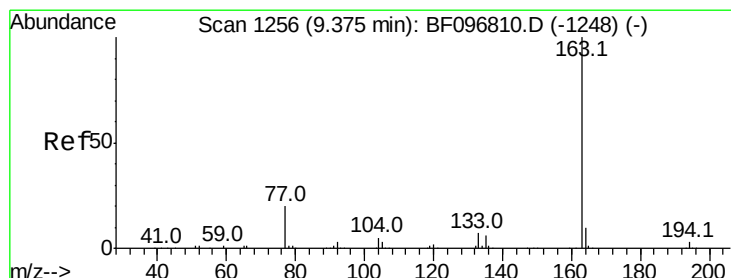
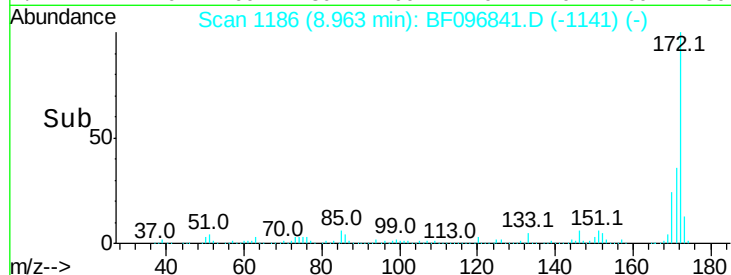
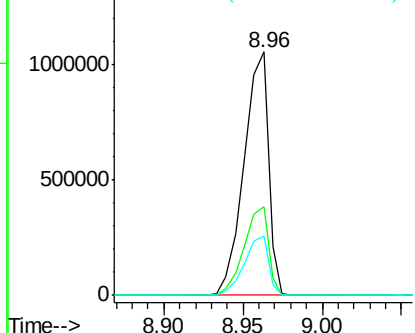
#44
 2-Fluorobiphenyl
 Concen: 76.814 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. -0.04 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Tot Ion:172 Resp: 1128896
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8

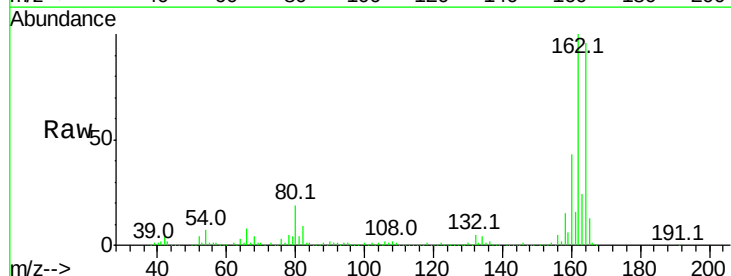


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

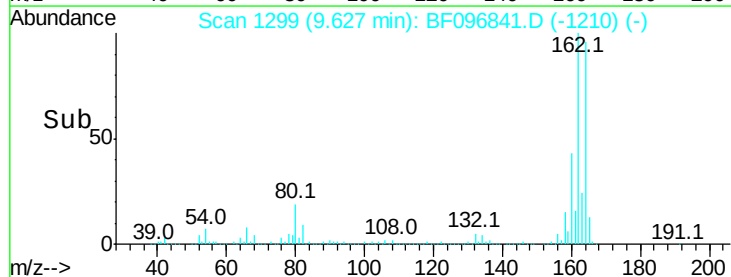
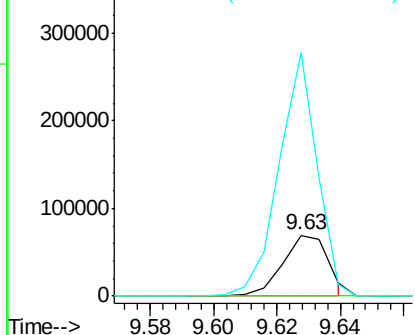


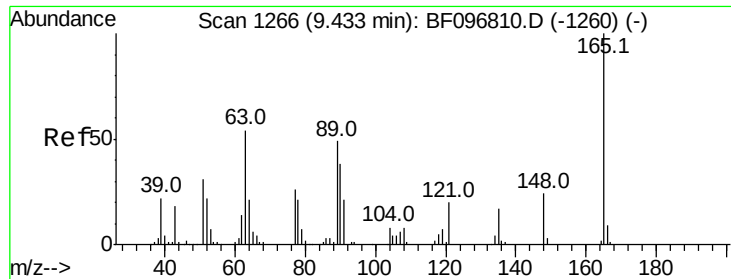
#49
 Dimethylphthalate
 Concen: 3.969 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. 0.22 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion:163 Resp: 69392
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.6 4.0#
 164 398.8 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

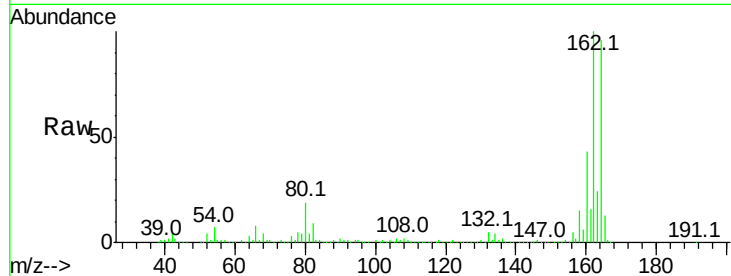




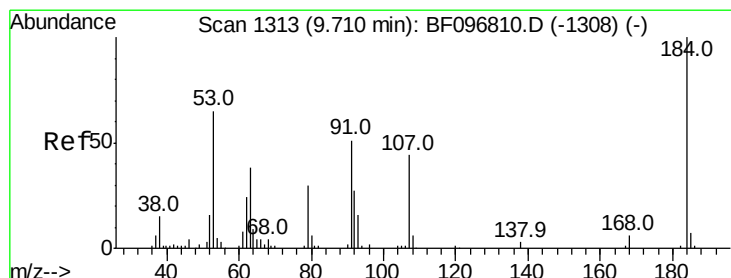
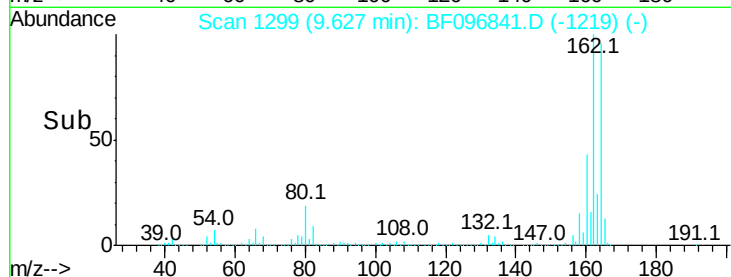
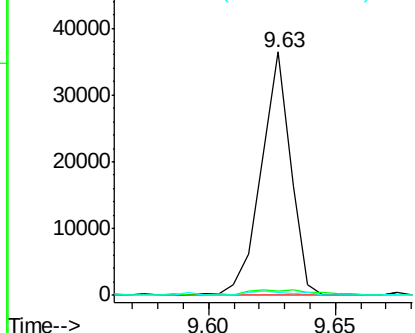
#50
 2,6-Dinitrotoluene
 Concen: 7.879 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. 0.17 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	1.3	37.1	55.7#

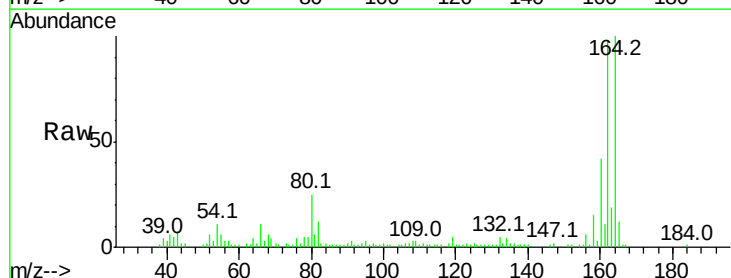


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

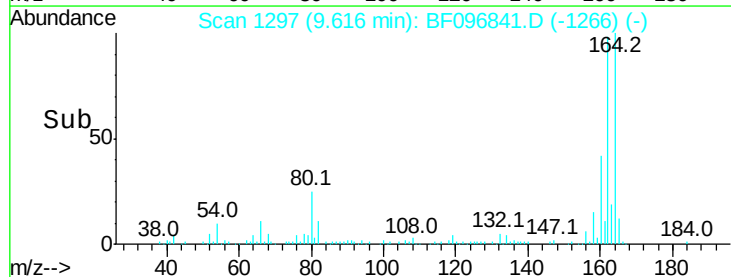
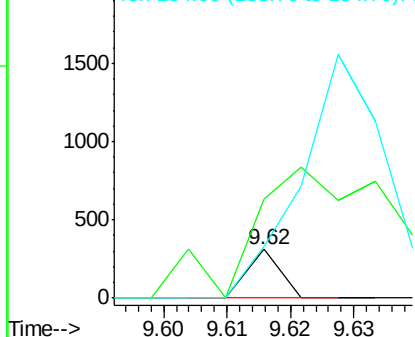


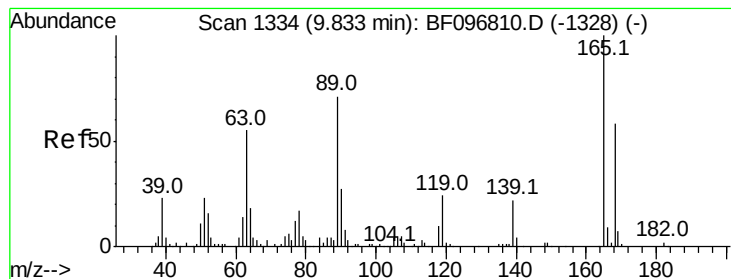
#53
 2,4-Dinitrophenol
 Concen: 6.794 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.12 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	204.8	62.7	94.1#
154	105.5	81.1	121.7



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 6.131 ng

RT: 9.63 min Scan# 1299

Delta R.T. -0.24 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Instrument :

BNA_F

ClientSampled :

3574-PA4

Tot Ion:165 Resp: 29837

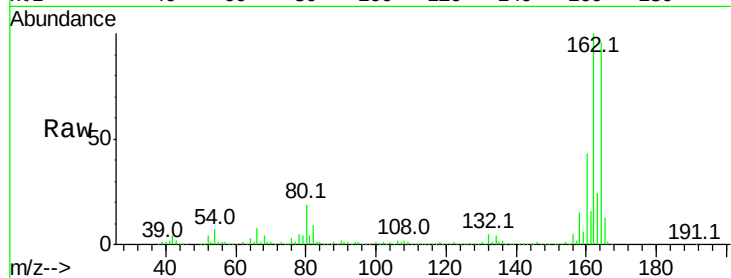
Ion Ratio Lower Upper

165 100

63 1.7 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

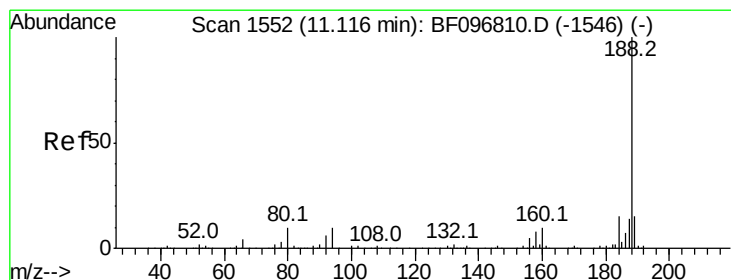
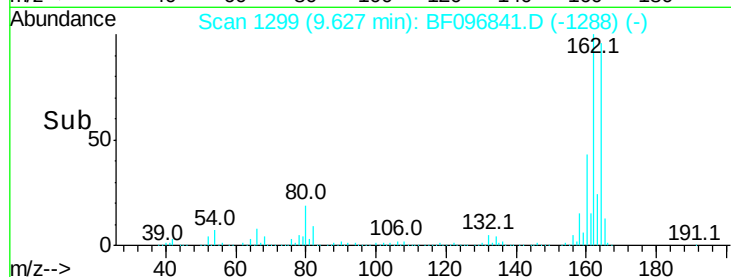
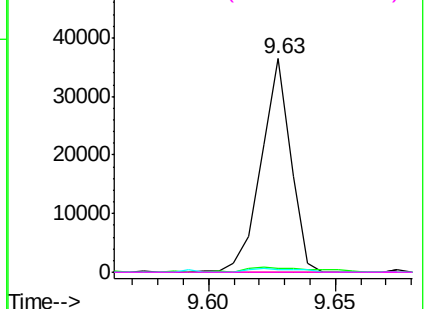


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1550

Delta R.T. -0.04 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

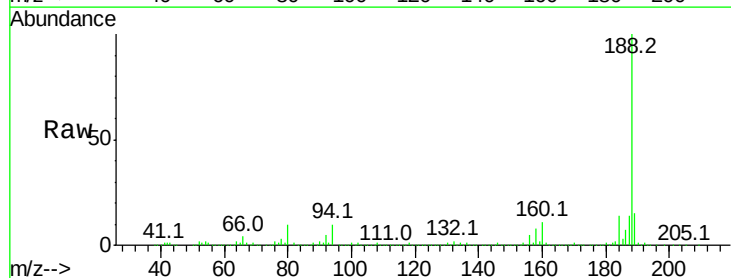
Tgt Ion:188 Resp: 325617

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

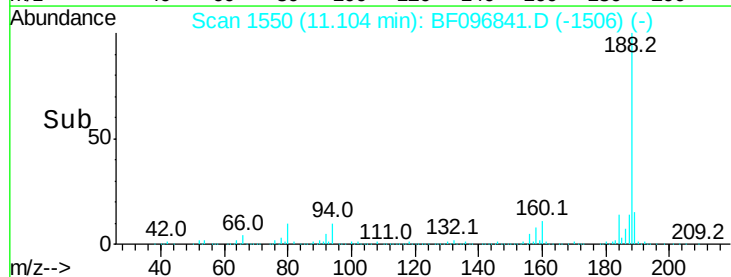
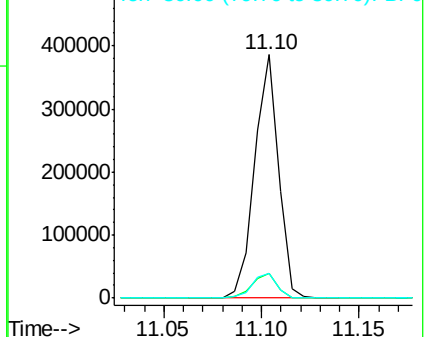
80 10.4 10.2 15.2

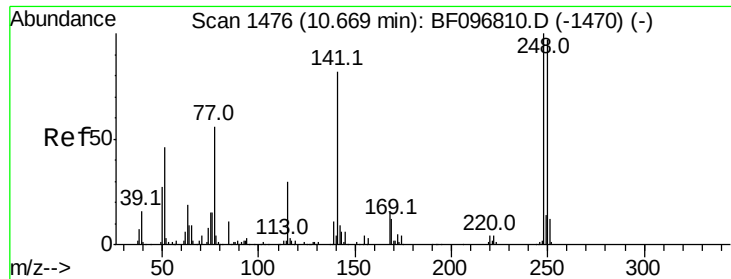


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

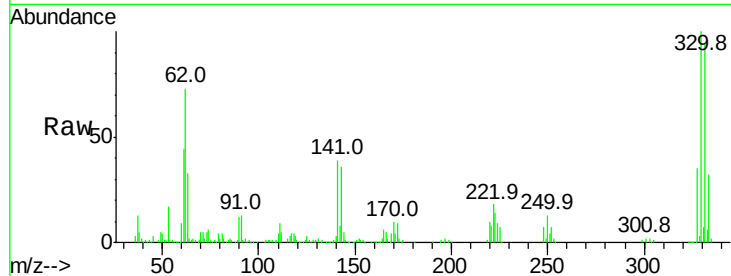




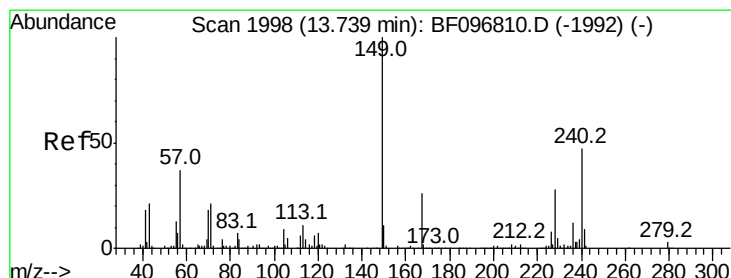
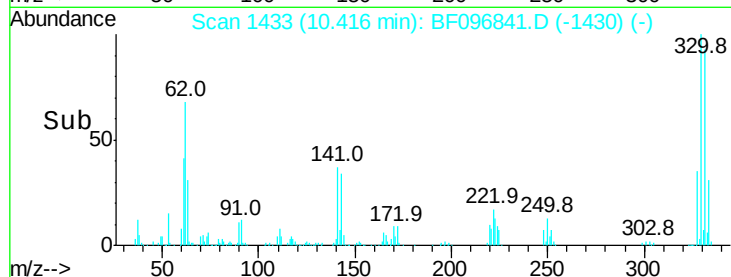
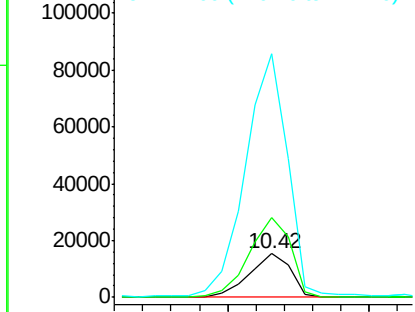
#66
 4-Bromophenyl-phenylether
 Concen: 4.643 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.28 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Instrument :
 BNA_F
 ClientSampleId :
 3574-PA4

Tot Ion:248 Resp: 15434
 Ion Ratio Lower Upper
 248 100
 250 183.6 76.8 115.2#
 141 556.6 68.6 103.0#

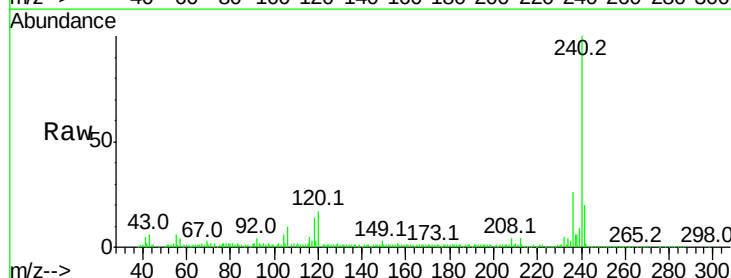


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

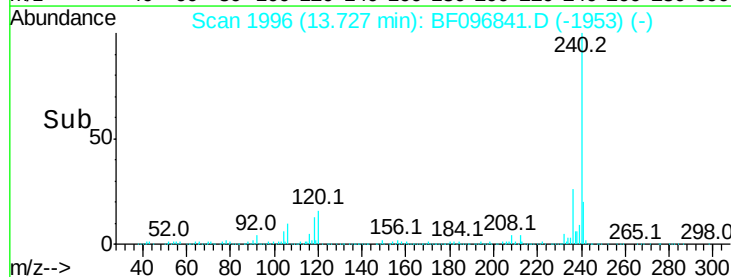
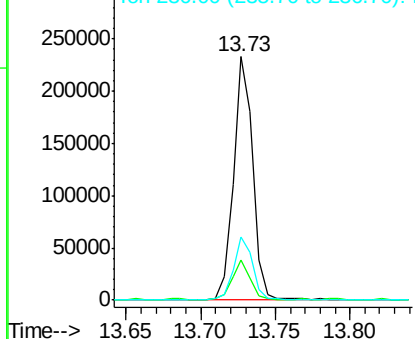


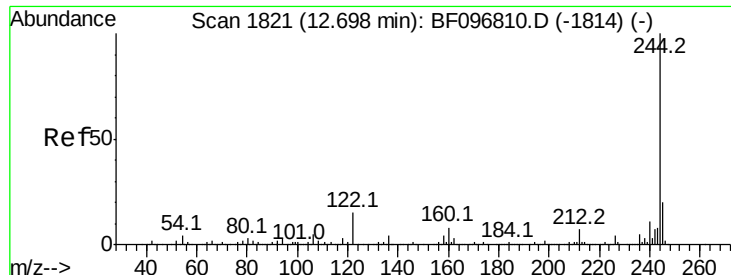
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 1996
 Delta R.T. -0.05 min
 Lab File: BF096841.D
 Acq: 18 Jul 2017 12:07

Tgt Ion:240 Resp: 209434
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.8 8.8#
 236 26.1 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





#78

Terphenyl-d14

Concen: 66.184 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Instrument :

BNA_F

ClientSampleId :

3574-PA4

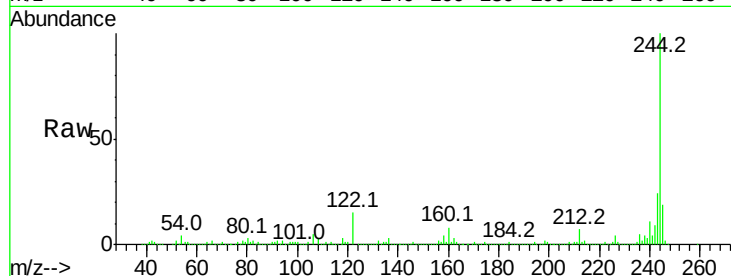
Tot Ion:244 Resp: 799259

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

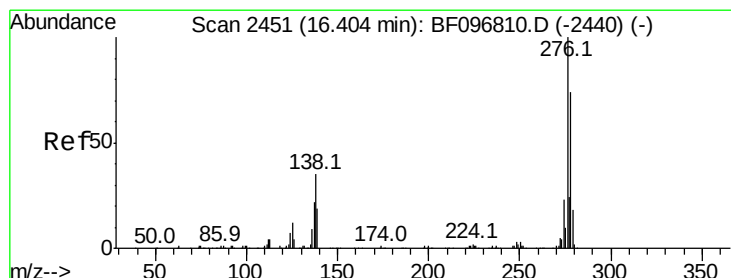
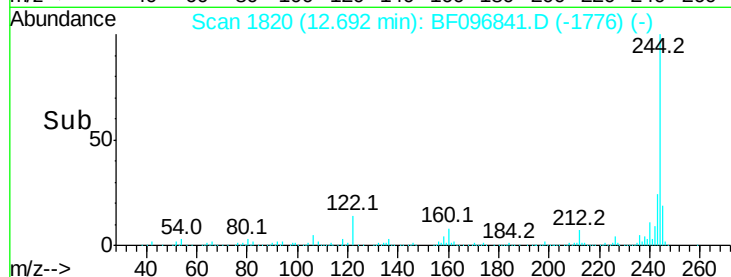
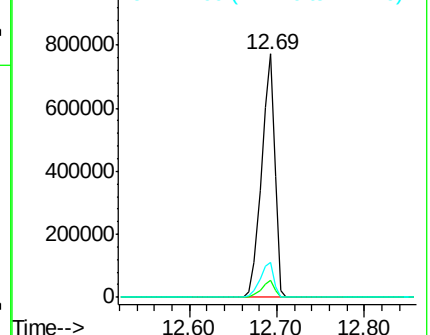
122 14.5 10.3 15.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.337 ng

RT: 16.26 min Scan# 2426

Delta R.T. -0.21 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

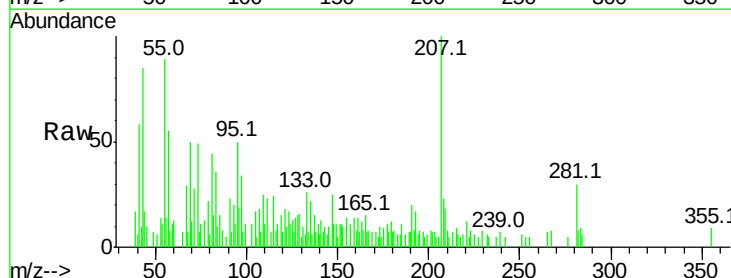
Tgt Ion:276 Resp: 122

Ion Ratio Lower Upper

276 100

138 495.1 27.8 41.6#

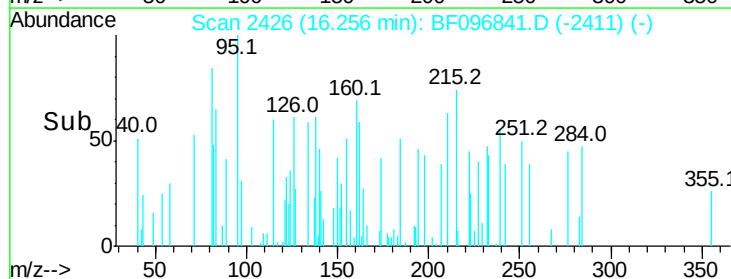
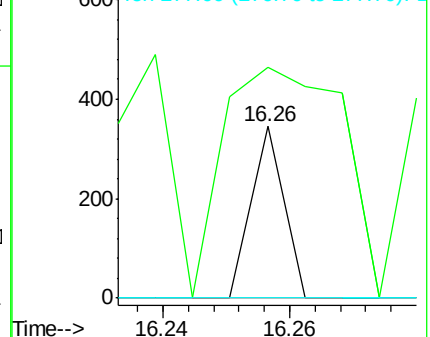
277 0.0 20.2 30.4#

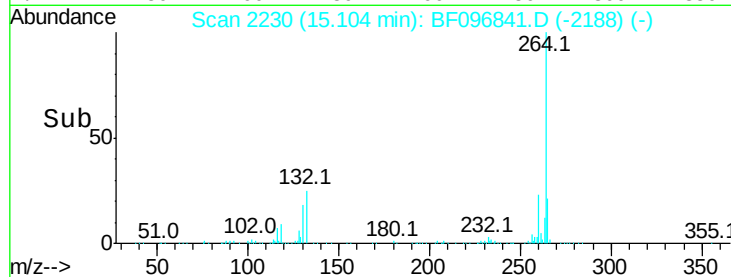
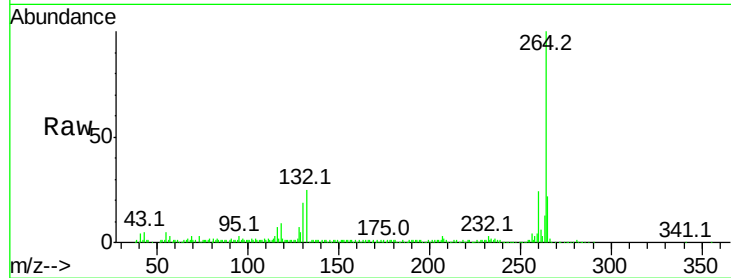
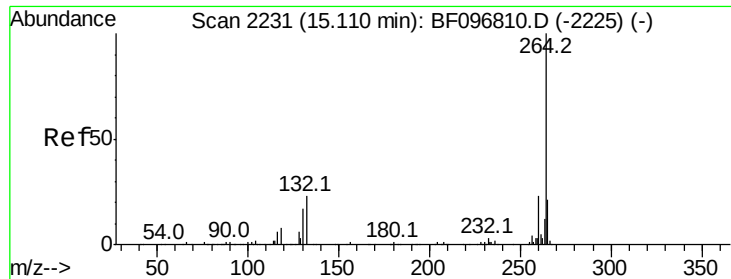


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2230

Delta R.T. -0.05 min

Lab File: BF096841.D

Acq: 18 Jul 2017 12:07

Instrument :

BNA_F

ClientSampleId :

3574-PA4

Tot Ion:264 Resp: 196757

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.6 17.2 25.8

