

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096782.D
 Acq On : 14 Jul 2017 20:10
 Operator : SJ/JU
 Sample : PB100646BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:51:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

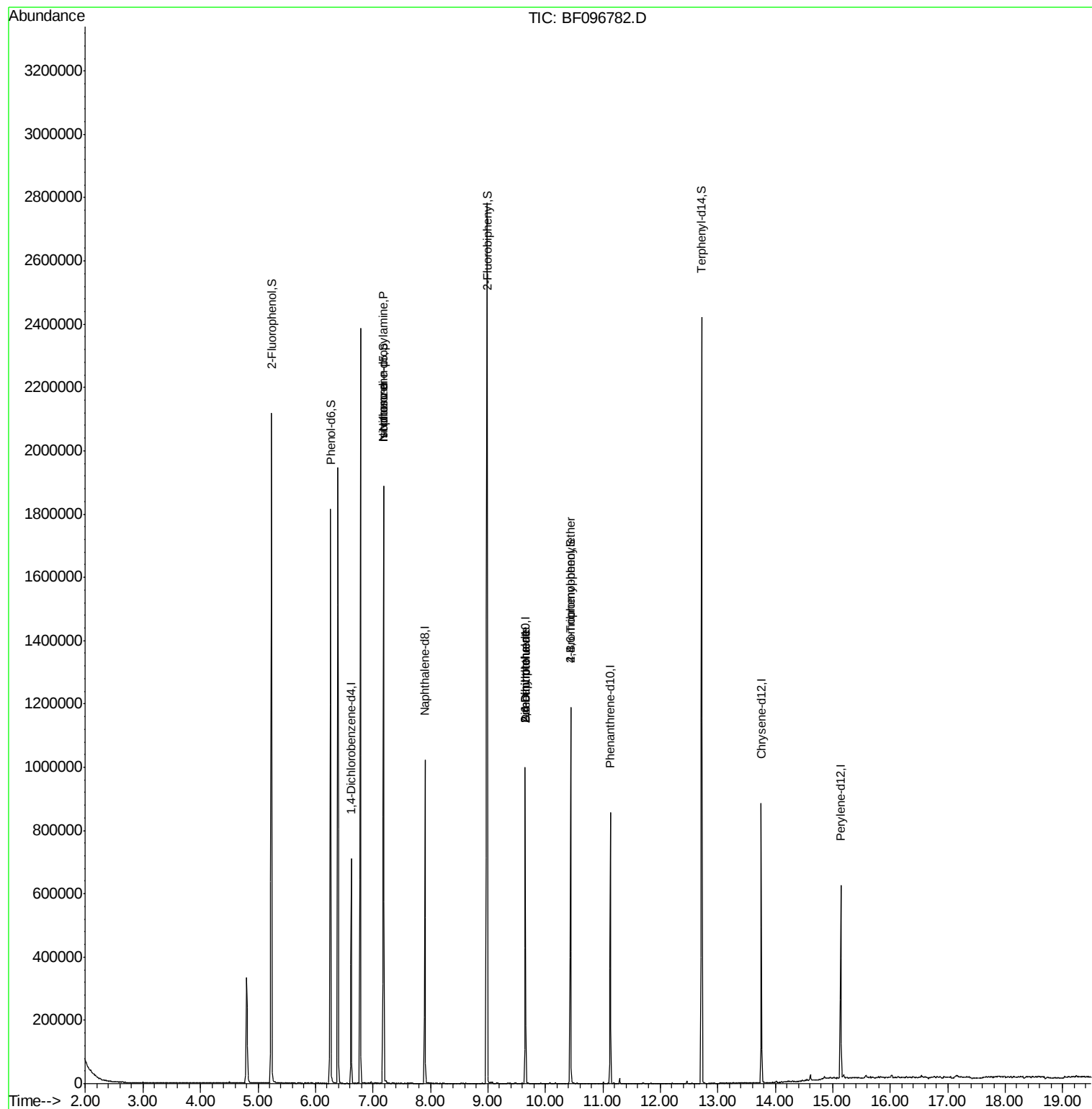
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	96704	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	453515	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	195454	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	315412	20.00	ng	-0.02
75) Chrysene-d12	13.76	240	286943	20.00	ng	-0.02
86) Perylene-d12	15.14	264	243935	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	558343	86.81	ng	0.00
7) Phenol-d6	6.26	99	606981	78.64	ng	-0.02
23) Nitrobenzene-d5	7.19	82	586078	80.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	134980	80.91	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	1017536	82.25	ng	-0.01
78) Terphenyl-d14	12.72	244	824115	49.81	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	77944	16.76	ng	# 89
25) Isophorone	7.19	82	581071	42.66	ng	# 67
49) Dimethylphthalate	9.66	163	56721	3.85	ng	# 1
50) 2,6-Dinitrotoluene	9.65	165	24483	7.68	ng	# 33
56) 2,4-Dinitrotoluene	9.65	165	24483	5.98	ng	# 33
66) 4-Bromophenyl-phenylether	10.44	248	8577	2.66	ng	# 1

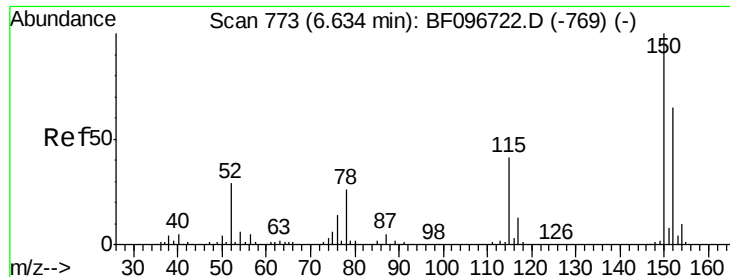
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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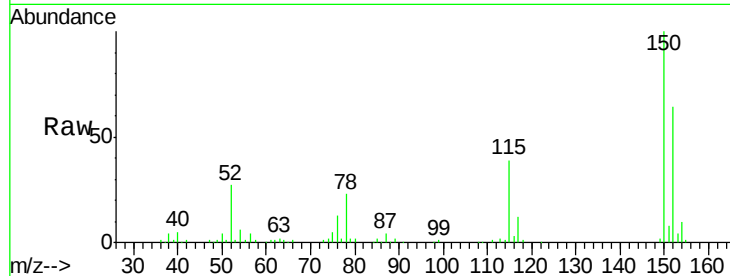


#1

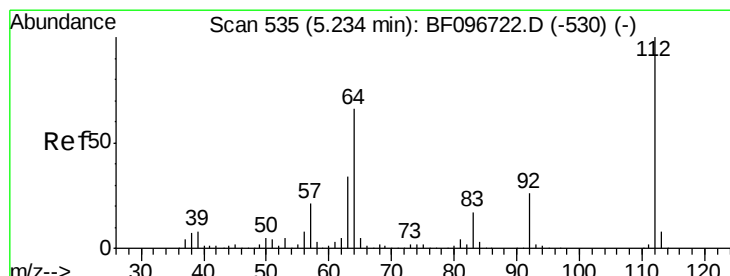
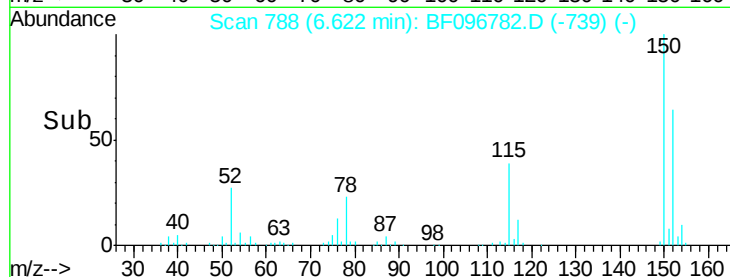
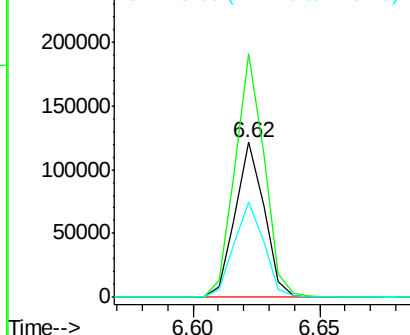
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096782.D
Acq: 14 Jul 2017 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96704
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.2
115 61.6 52.2 78.2



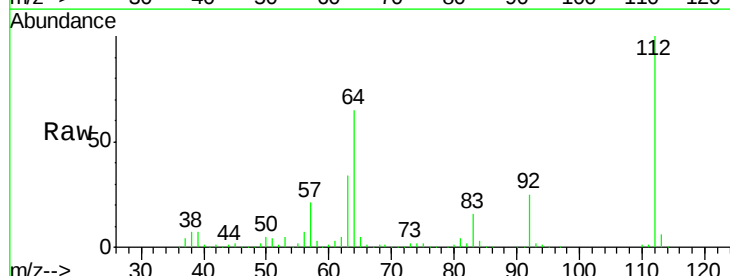
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



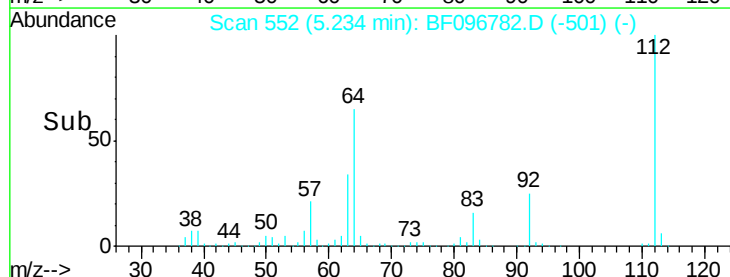
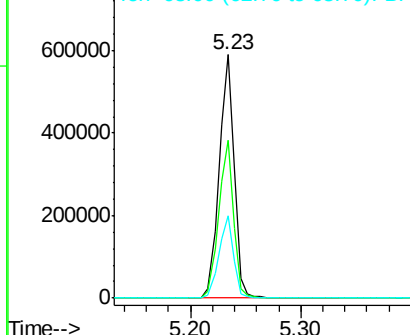
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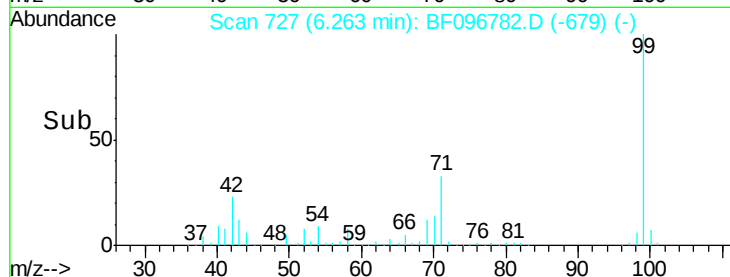
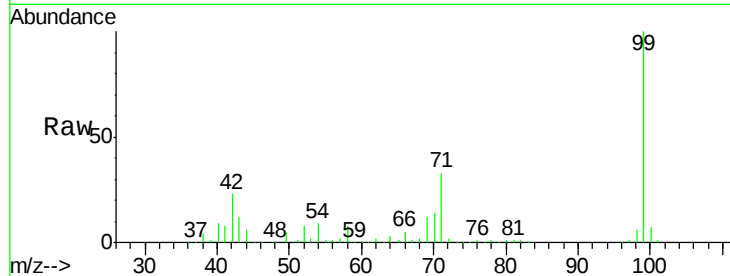
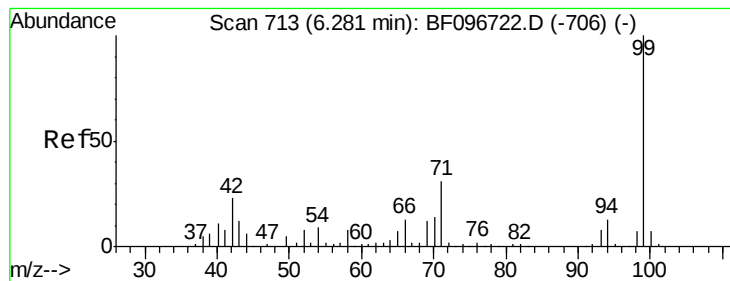
2-Fluorophenol
Concen: 86.81 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096782.D
Acq: 14 Jul 2017 20:10

Tgt Ion:112 Resp: 558343
Ion Ratio Lower Upper
112 100
64 64.6 46.0 69.0
63 34.0 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: 78.64 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096782.D

Acq: 14 Jul 2017 20:10

Instrument :

BNA_F

ClientSampleId :

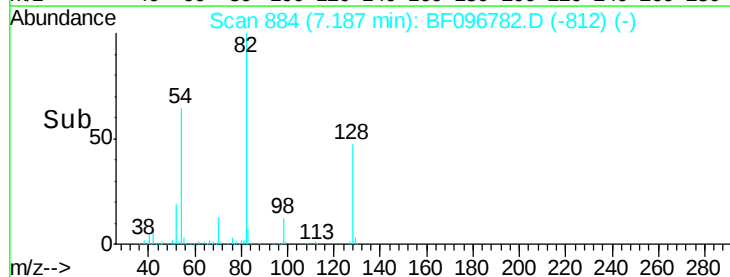
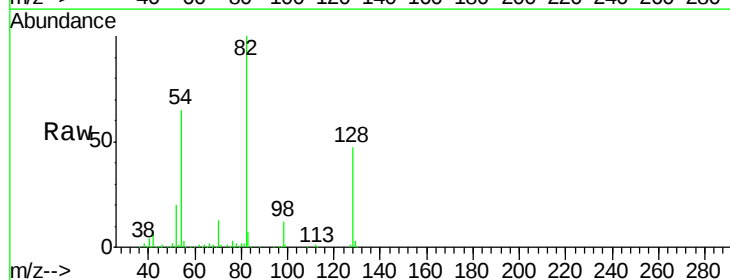
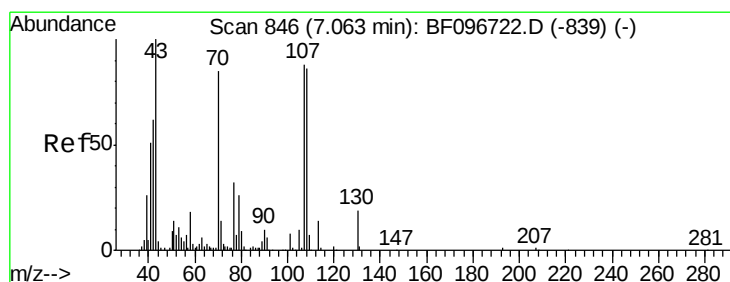
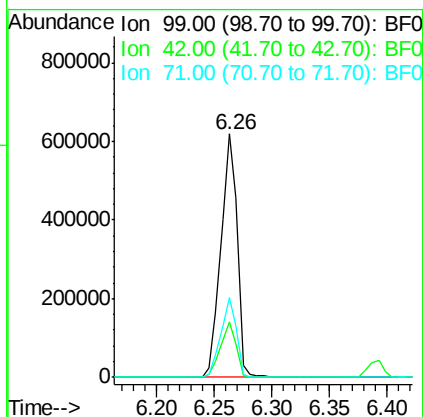
Tot Ion: 99 Resp: 606981

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

71 32.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.76 ng

RT: 7.19 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF096782.D

Acq: 14 Jul 2017 20:10

Tgt Ion: 70 Resp: 77944

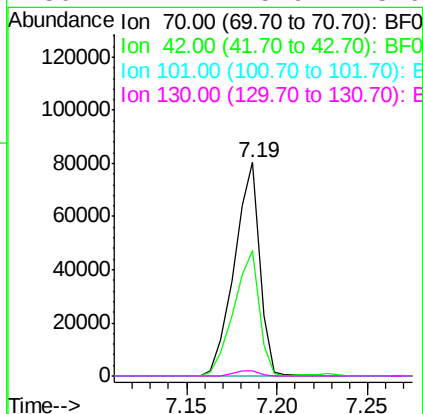
Ion Ratio Lower Upper

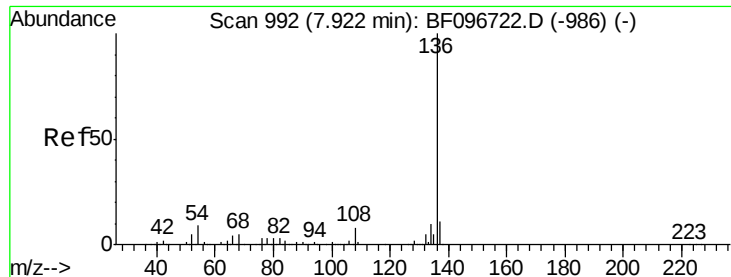
70 100

42 58.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

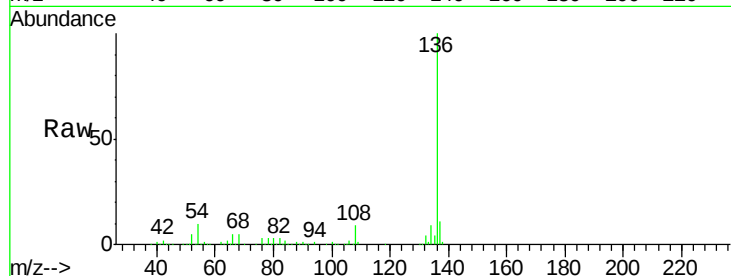




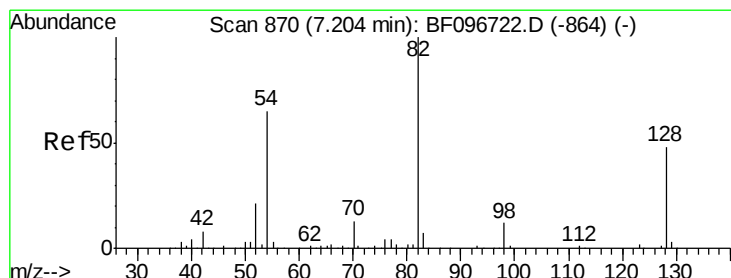
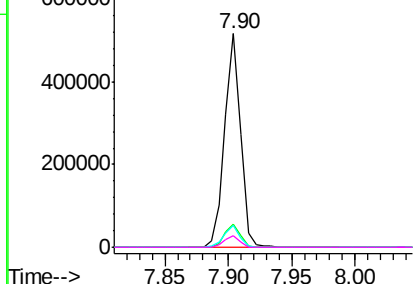
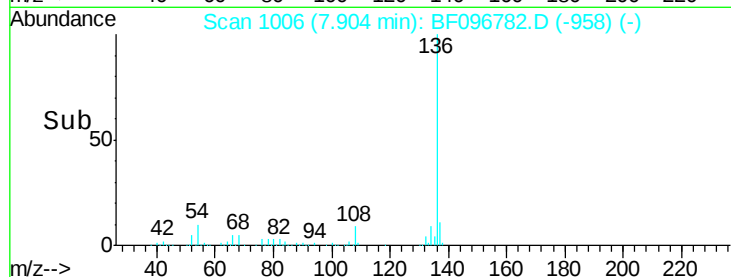
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096782.D
Acq: 14 Jul 2017 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	453515
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.0	4.9 7.3#
68	5.4	4.1 6.1

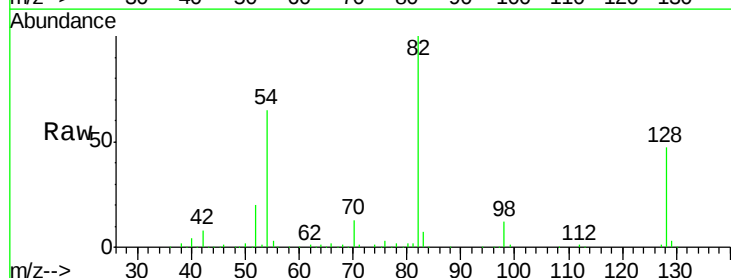


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

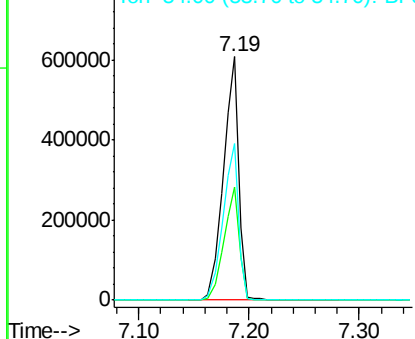
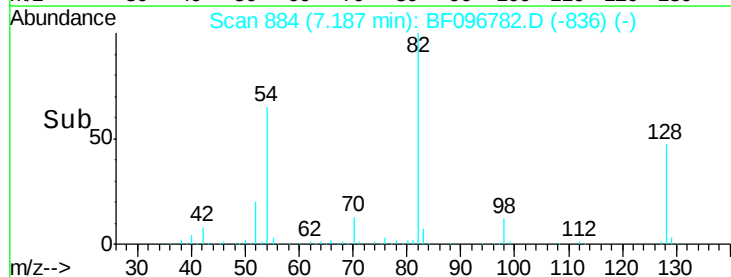


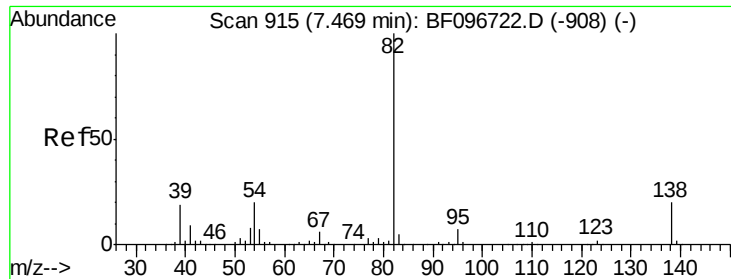
#23
Nitrobenzene-d5
Concen: 80.05 ng
RT: 7.19 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096782.D
Acq: 14 Jul 2017 20:10

Tgt Ion: 82	Resp:	586078
Ion Ratio	Lower	Upper
82	100	
128	46.7	34.0 51.0
54	64.6	42.2 63.2#



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





#25

Isophorone

Concen: 42.66 ng

RT: 7.19 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF096782.D

Acq: 14 Jul 2017 20:10

Instrument :

BNA_F

ClientSampleId :

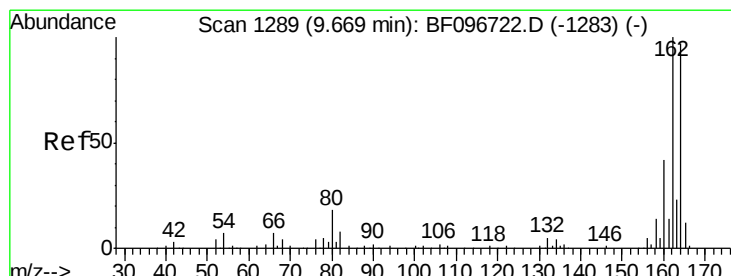
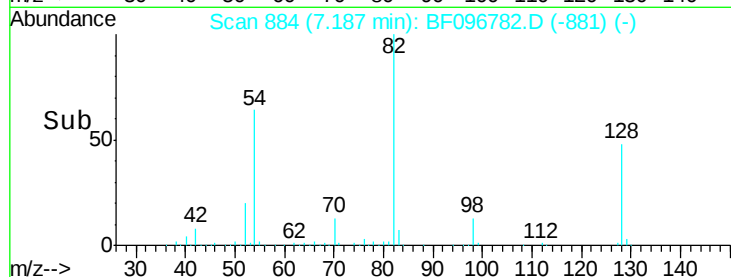
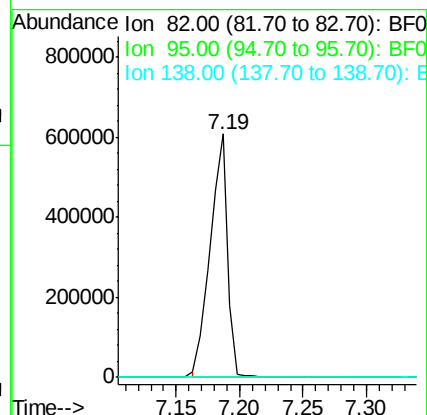
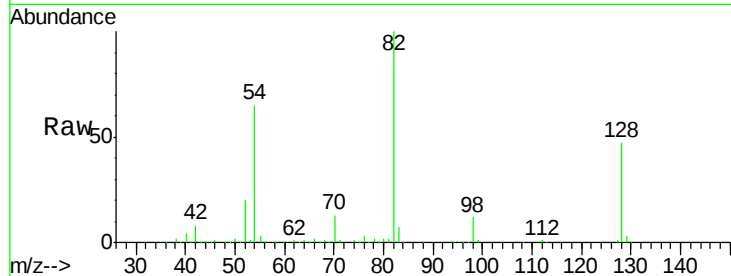
Tot Ion: 82 Resp: 581071

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.65 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096782.D

Acq: 14 Jul 2017 20:10

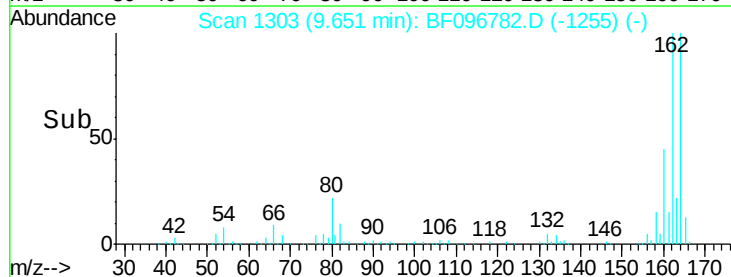
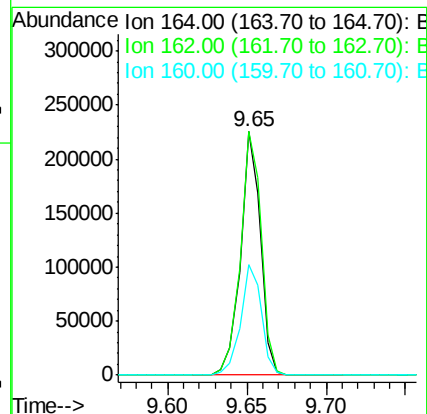
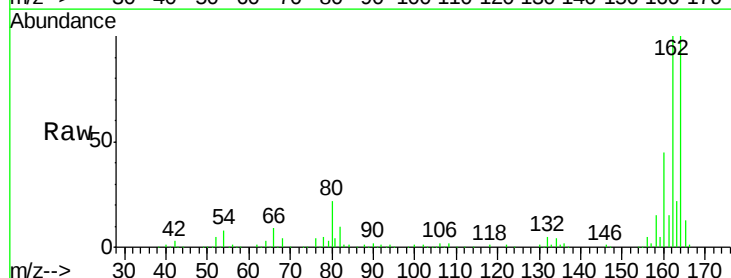
Tgt Ion: 164 Resp: 195454

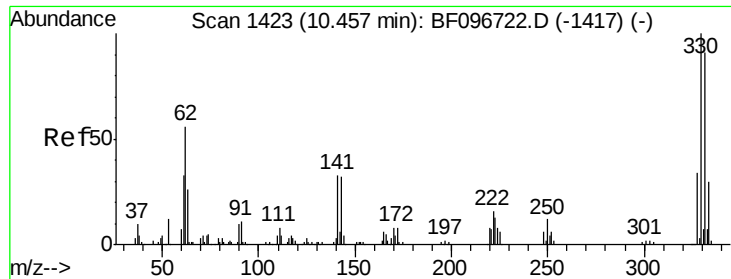
Ion Ratio Lower Upper

164 100

162 100.0 82.6 123.8

160 45.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 80.91 ng

RT: 10.44 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF096782.D

Acq: 14 Jul 2017 20:10

Instrument :

BNA_F

ClientSampleId :

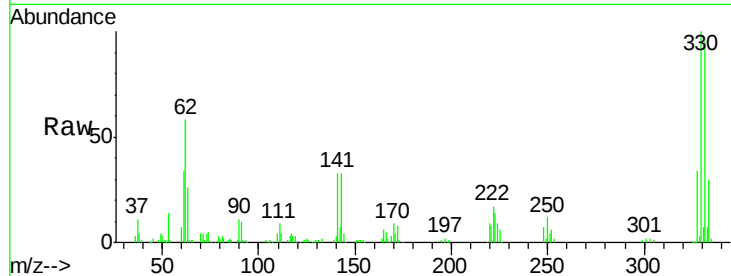
Tot Ion:330 Resp: 134980

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

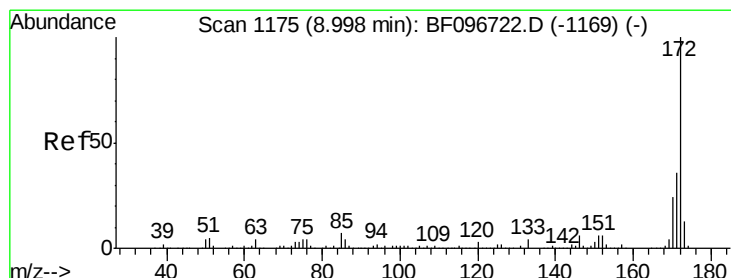
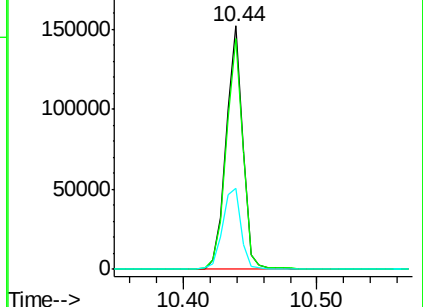
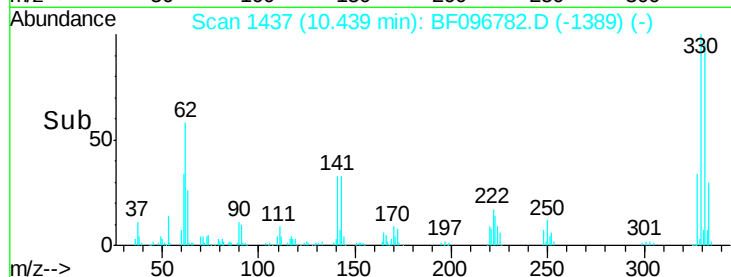
141 36.7 31.4 47.2



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: 82.25 ng

RT: 8.99 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF096782.D

Acq: 14 Jul 2017 20:10

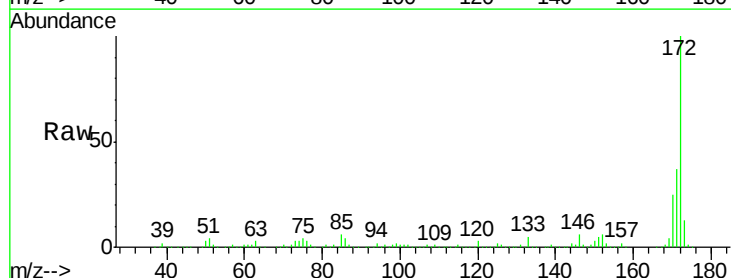
Tgt Ion:172 Resp: 1017536

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

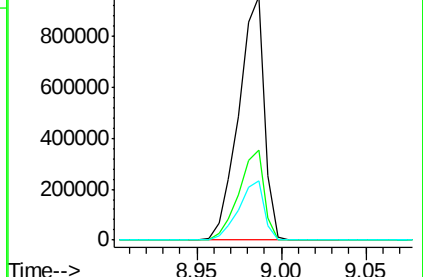
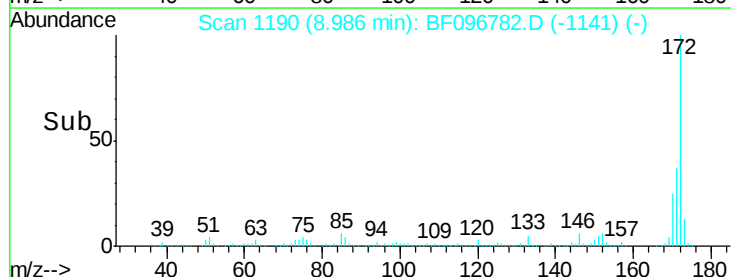
170 24.6 19.8 29.8

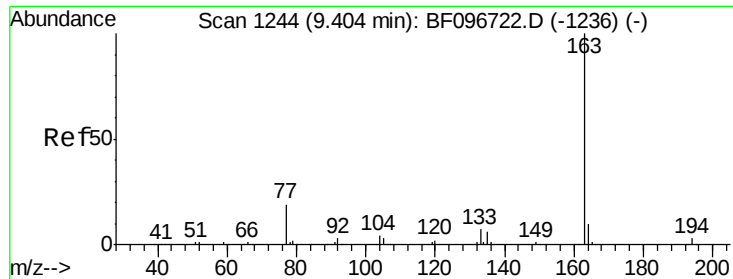


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

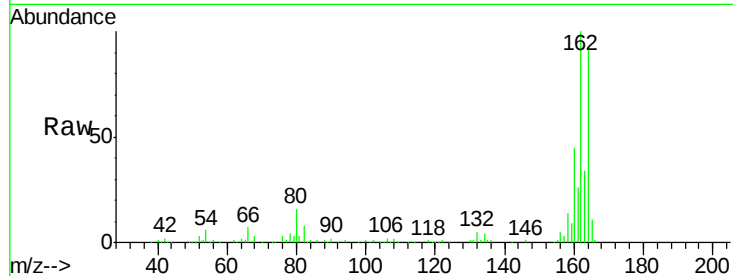




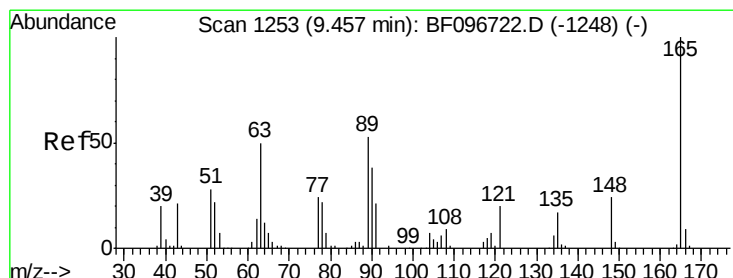
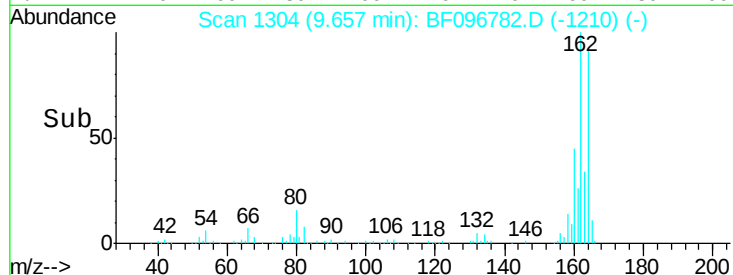
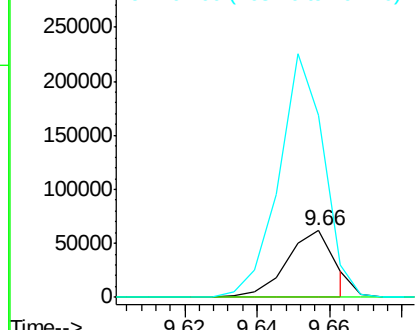
#49
 Dimethylphthalate
 Concen: 3.85 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. 0.25 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:163 Resp: 56721
 Ion Ratio Lower Upper
 163 100
 194 0.0 2.6 4.0#
 164 272.1 8.4 12.6#

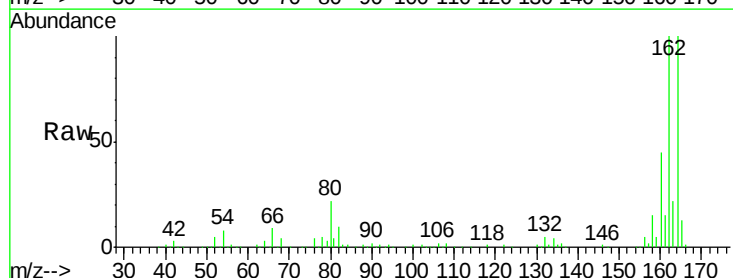


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

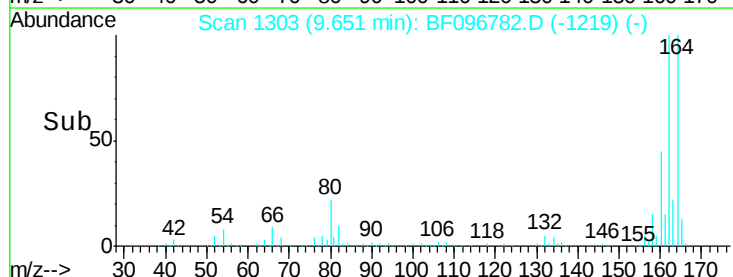
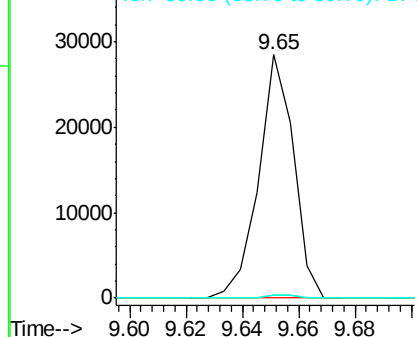


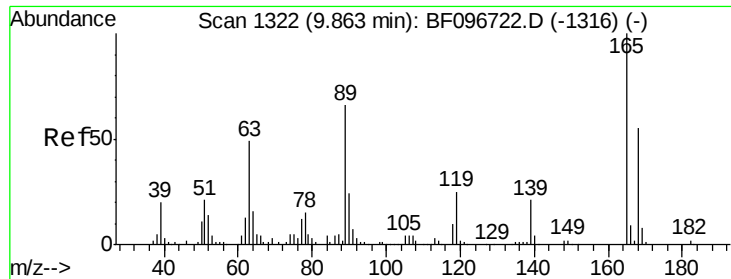
#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Tgt Ion:165 Resp: 24483
 Ion Ratio Lower Upper
 165 100
 63 1.1 34.3 51.5#
 89 1.2 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

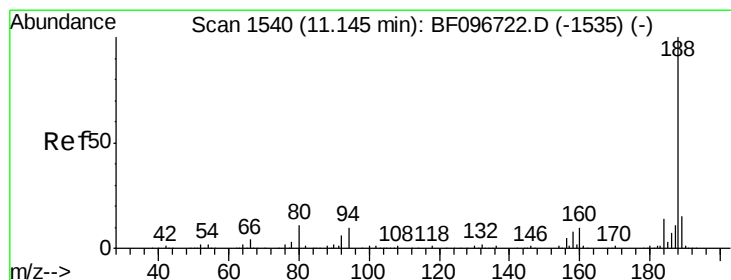
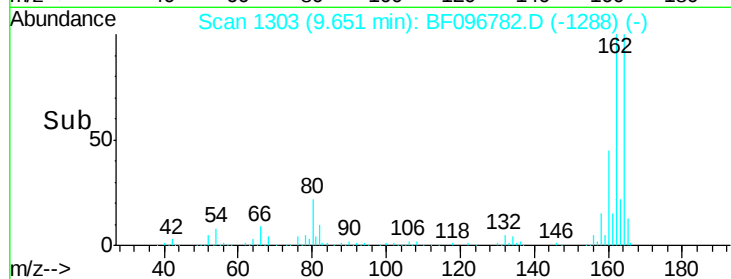
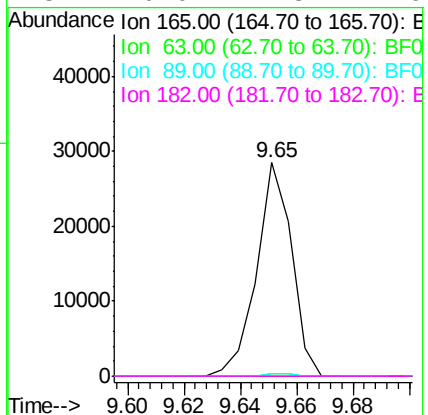
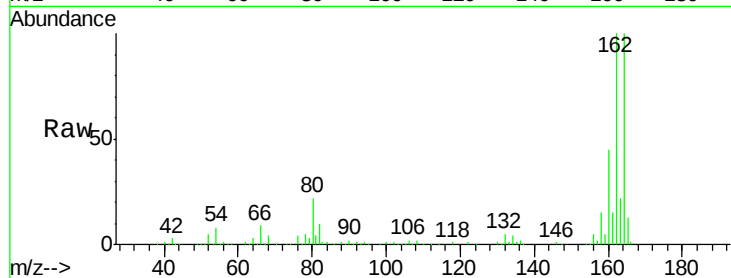




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

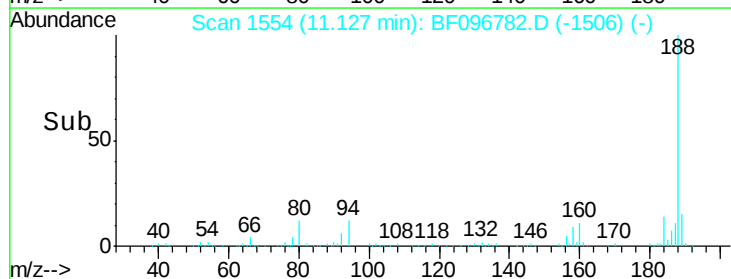
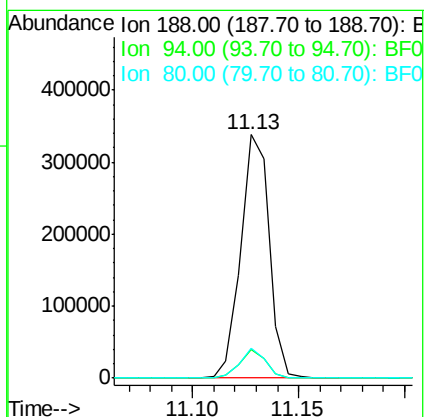
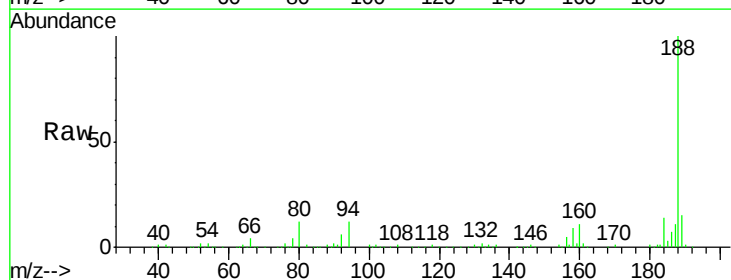
Instrument :
 BNA_F
 ClientSampleId :

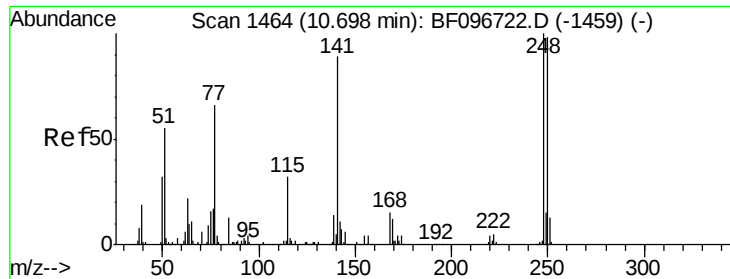
Tot Ion:165 Resp: 24483
 Ion Ratio Lower Upper
 165 100
 63 1.1 25.4 38.0#
 89 1.2 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Tgt Ion:188 Resp: 315412
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 12.1 10.2 15.2

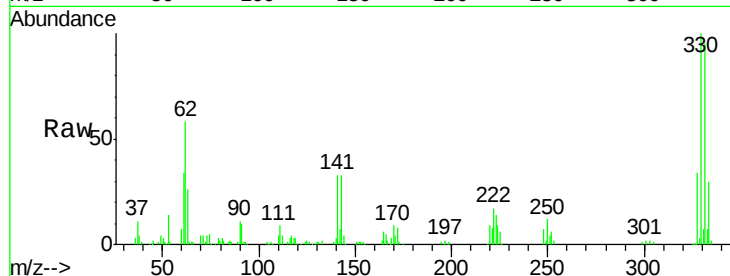




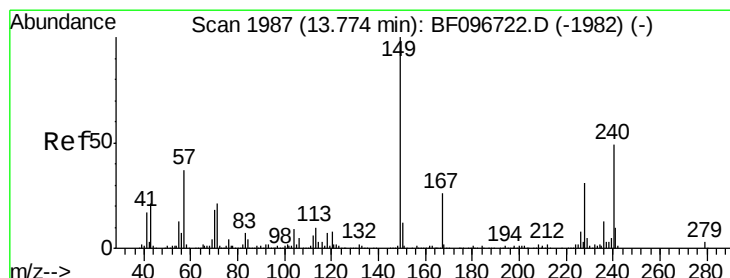
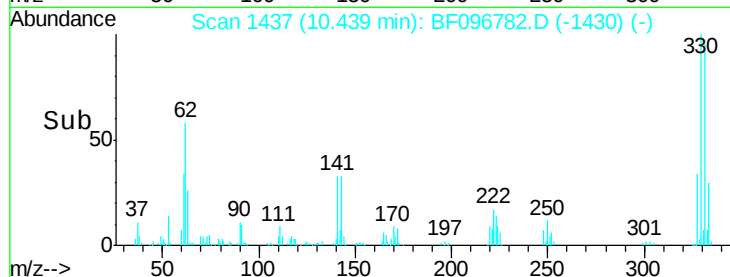
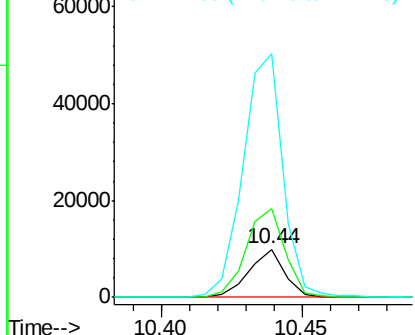
#66
 4-Bromophenyl-phenylether
 Concen: 2.66 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.26 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8577
 Ion Ratio Lower Upper
 248 100
 250 186.1 76.8 115.2#
 141 507.8 68.6 103.0#

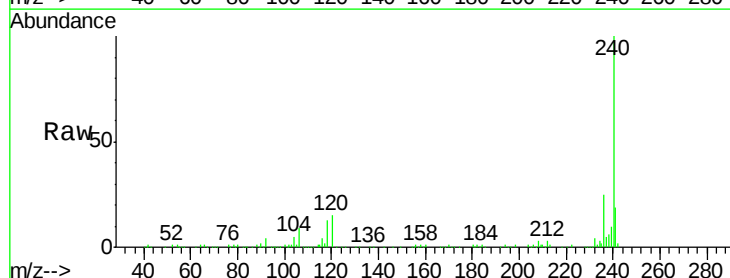


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

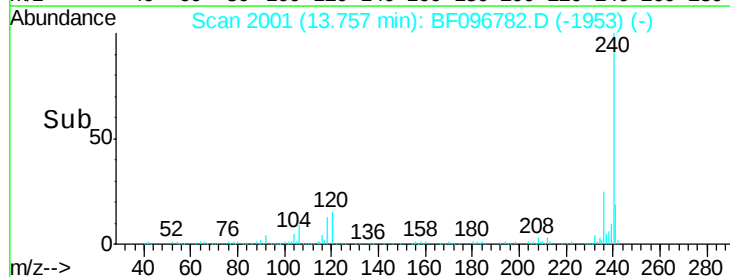
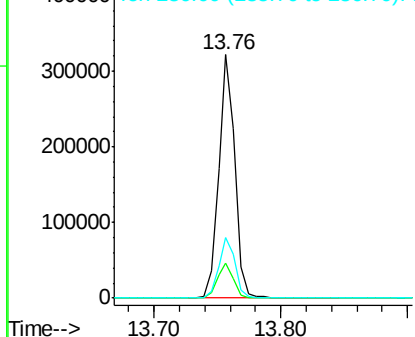


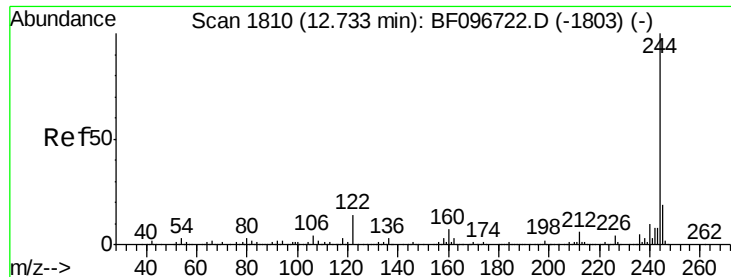
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Tgt Ion:240 Resp: 286943
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.9 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

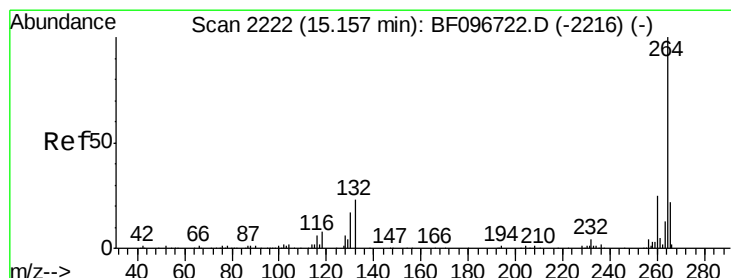
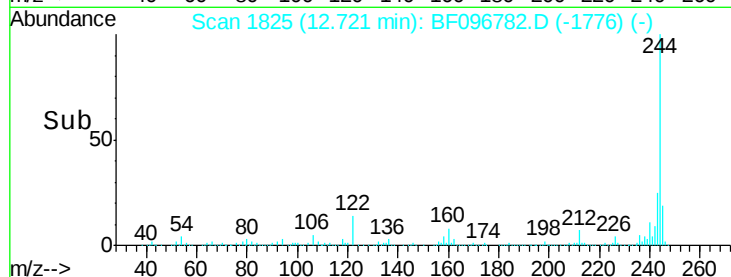
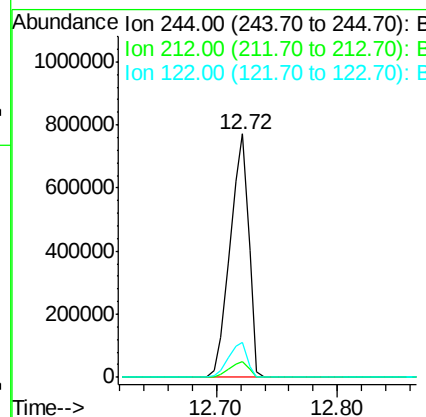
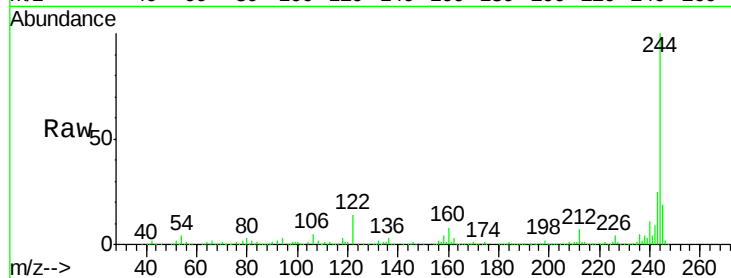




#78
 Terphenyl-d14
 Concen: 49.81 ng
 RT: 12.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 824115
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 14.2 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096782.D
 Acq: 14 Jul 2017 20:10

Tgt Ion:264 Resp: 243935
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.9 17.2 25.8

