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 Data File : BF100125.D
 Acq On : 3 Nov 2017 10:24
 Operator : SJ/JU
 Sample : I6273-08
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 11:53:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

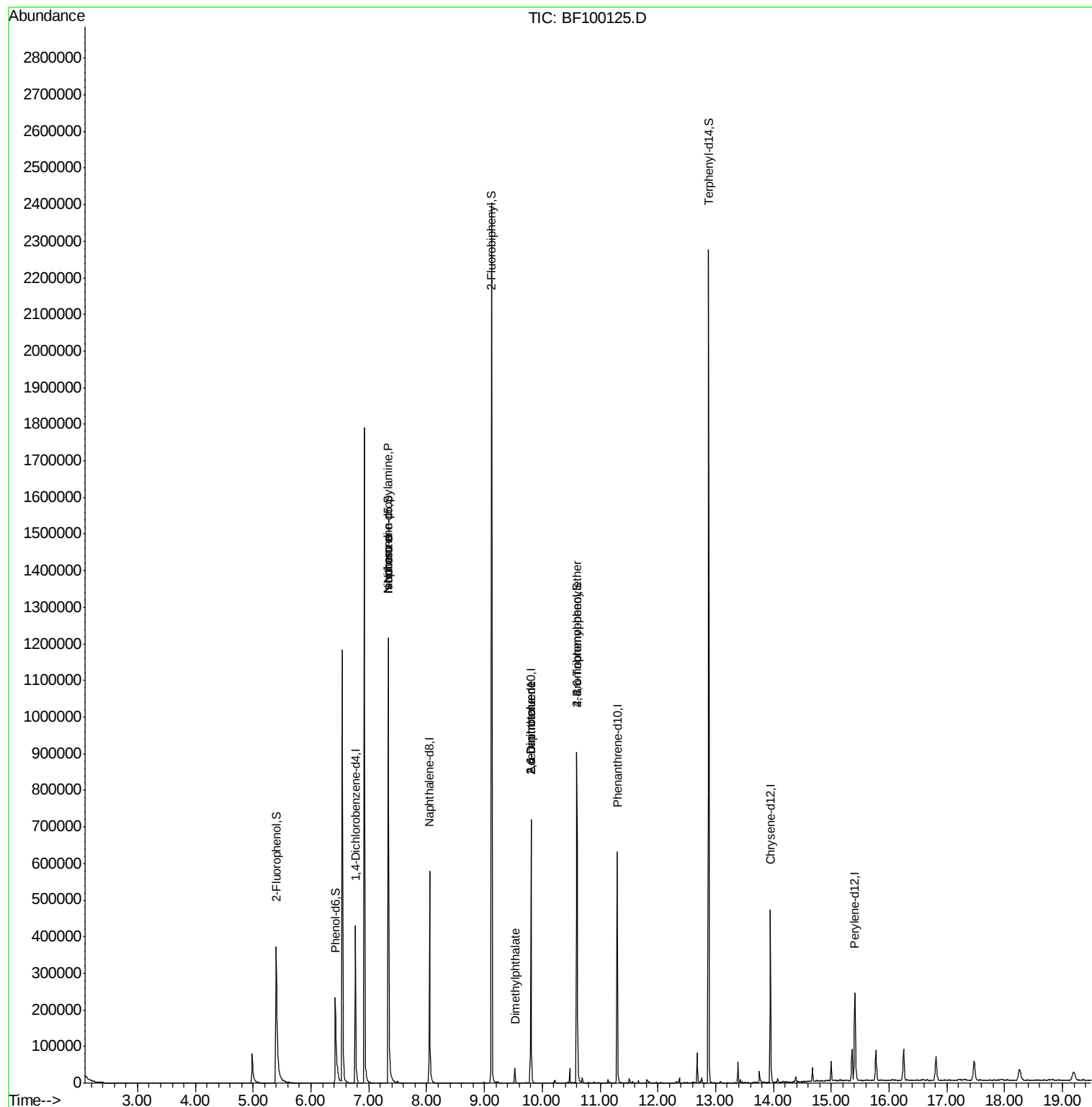
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	75280	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	312809	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	140973	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	249517	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	163288	20.00	ng	-0.03
86) Perylene-d12	15.41	264	129208	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	228617	47.68	ng	0.00
7) Phenol-d6	6.42	99	167229	29.41	ng	0.00
23) Nitrobenzene-d5	7.34	82	446817	91.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	116885	90.98	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	884701	96.82	ng	-0.01
78) Terphenyl-d14	12.88	244	777547	104.06	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	54811	16.451	ng	# 71
25) Isophorone	7.34	82	446817	50.679	ng	# 64
49) Dimethylphthalate	9.53	163	24352	2.181	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	17713	7.547	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	17713	6.267	ng	# 21
66) 4-Bromophenyl-phenylether	10.60	248	7518	2.862	ng	# 1

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

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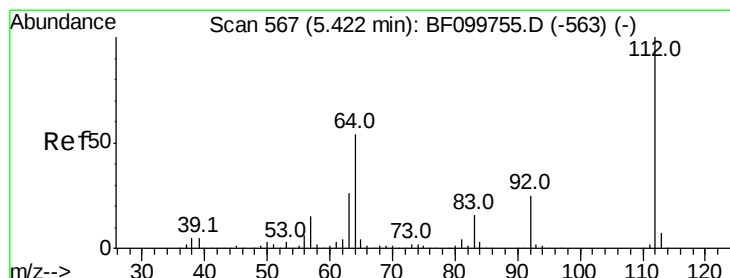
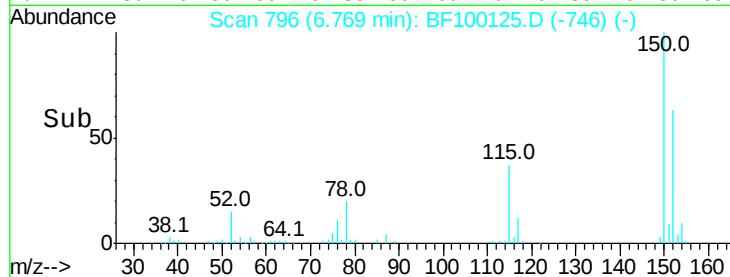
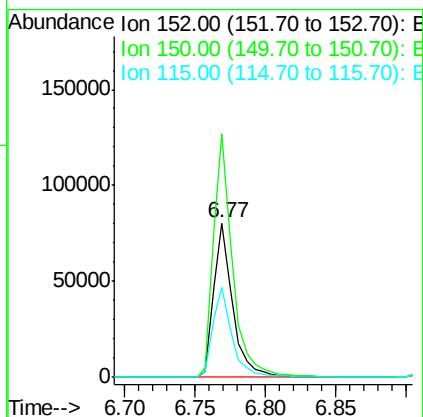
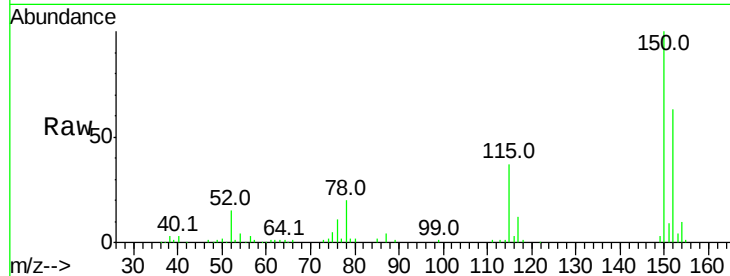


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :

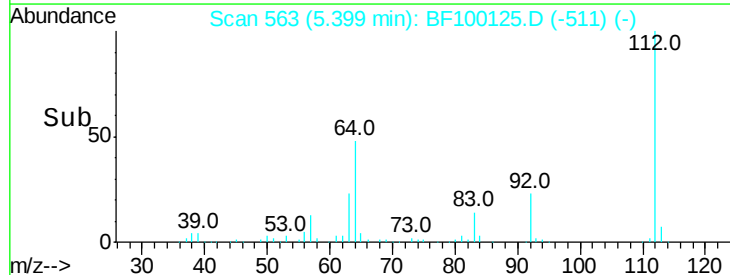
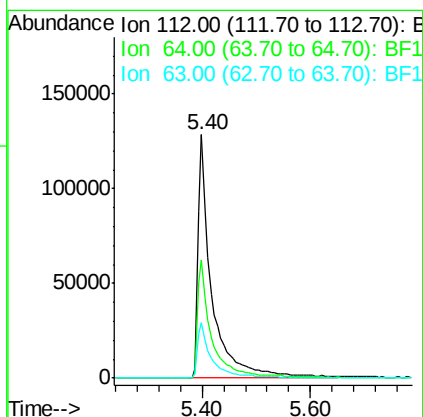
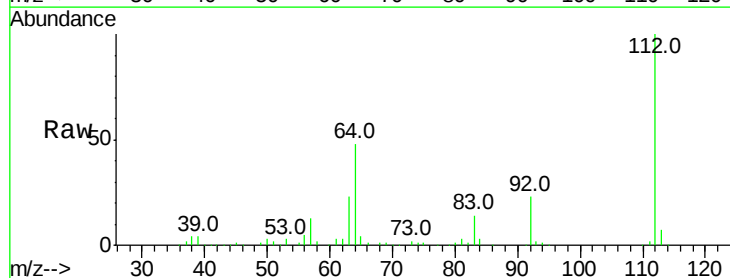
Tot Ion:152 Resp: 75280
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.6 186.8
 115 58.0 50.1 75.1

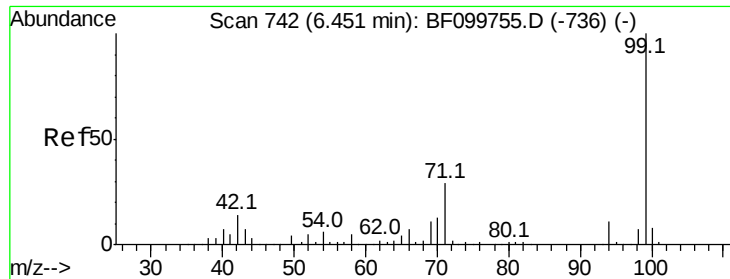


#5

2-Fluorophenol
 Concen: 47.678 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Tgt Ion:112 Resp: 228617
 Ion Ratio Lower Upper
 112 100
 64 48.4 47.9 71.9
 63 22.6 23.7 35.5#





#7

Phenol-d6

Concen: 29.413 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100125.D

Acq: 3 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

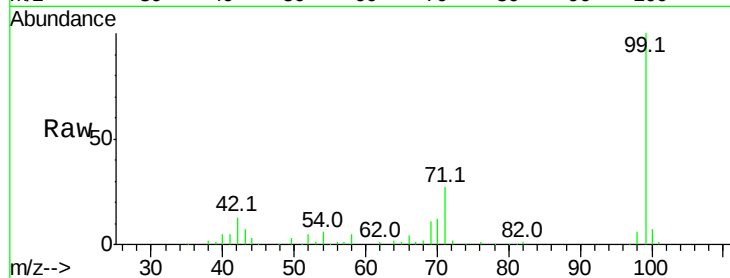
Tot Ion: 99 Resp: 167229

Ion Ratio Lower Upper

99 100

42 13.0 14.5 21.7#

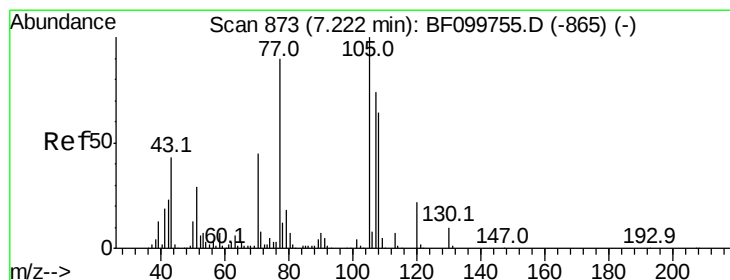
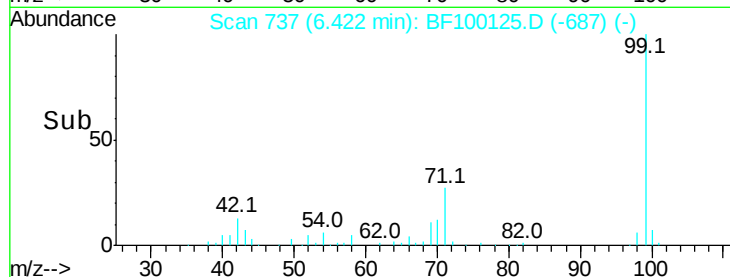
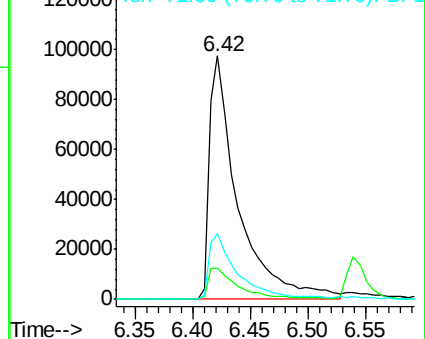
71 27.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.451 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100125.D

Acq: 3 Nov 2017 10:24

Tgt Ion: 70 Resp: 54811

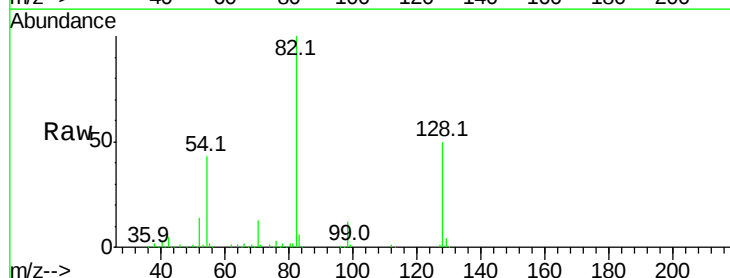
Ion Ratio Lower Upper

70 100

42 39.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

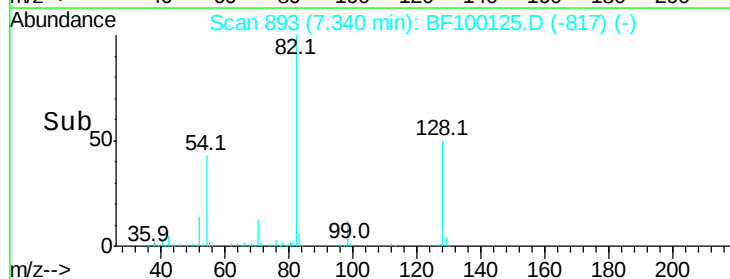
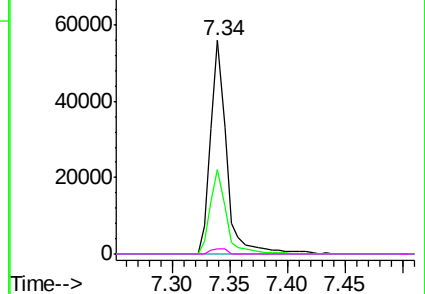


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

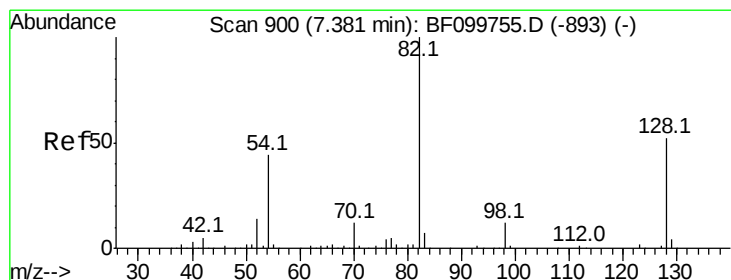
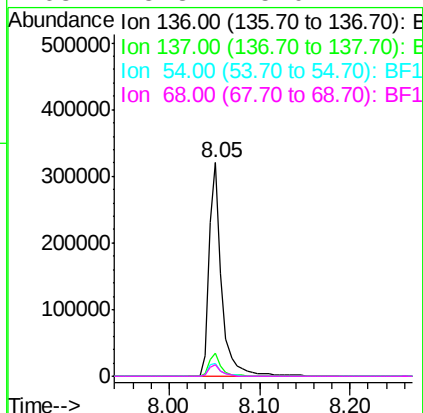
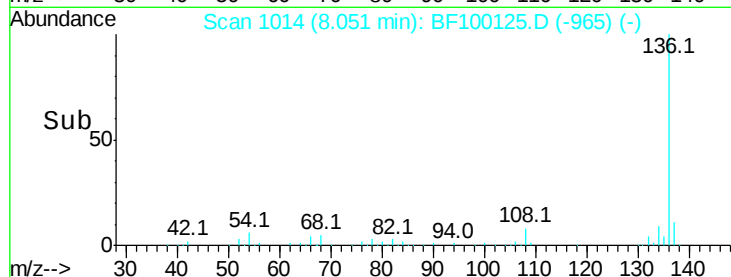
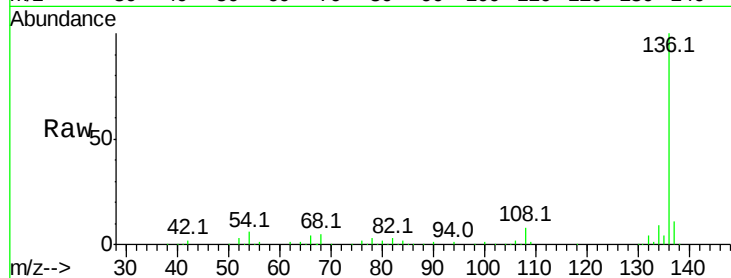




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF100125.D
Acq: 3 Nov 2017 10:24

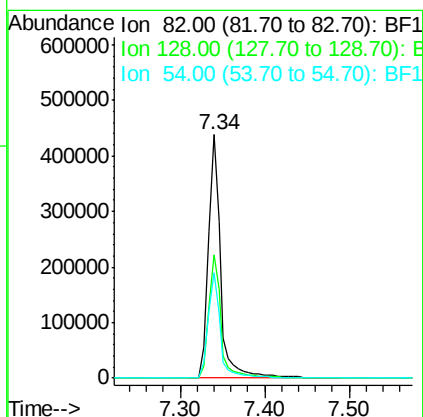
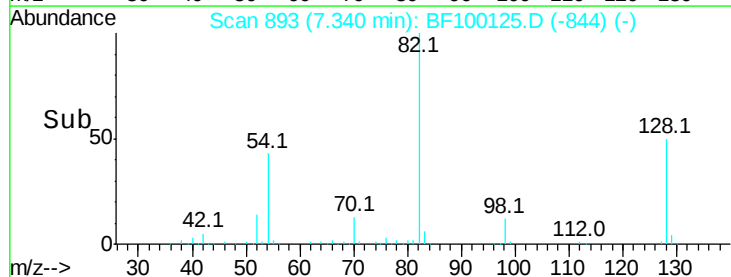
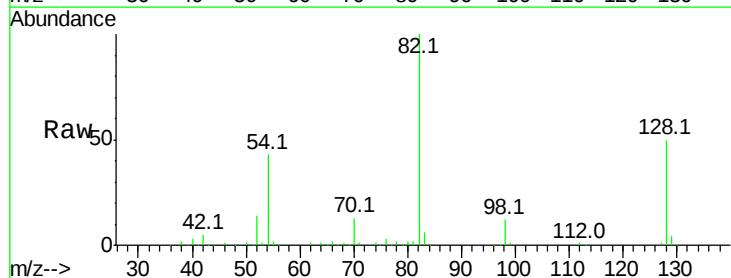
Instrument :
BNA_F
ClientSampleId :

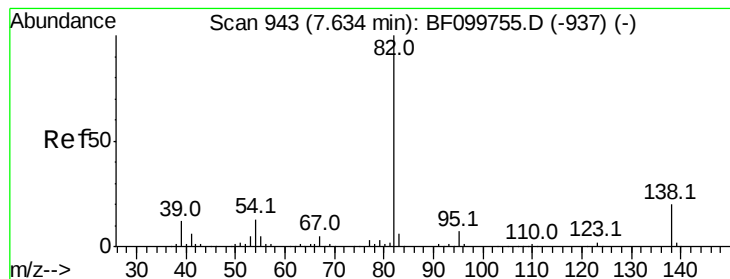
Tot Ion:	136	Resp:	312809
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.0	6.6	9.8#
68	5.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.961 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100125.D
Acq: 3 Nov 2017 10:24

Tgt Ion:	82	Resp:	446817
Ion	Ratio	Lower	Upper
82	100		
128	50.5	36.1	54.1
54	43.1	41.4	62.2





#25

Isophorone

Concen: 50.679 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100125.D

Acq: 3 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

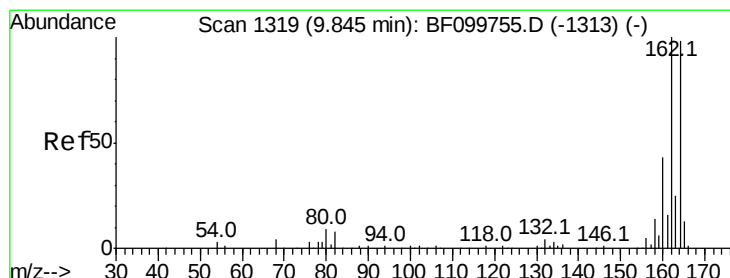
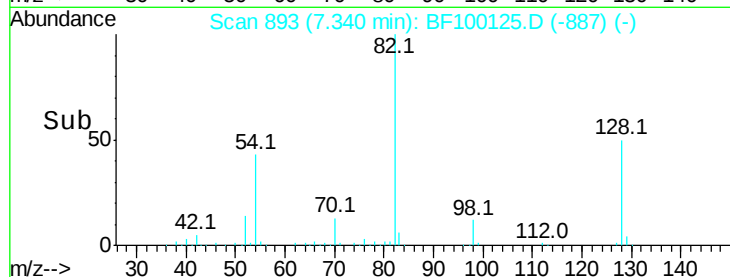
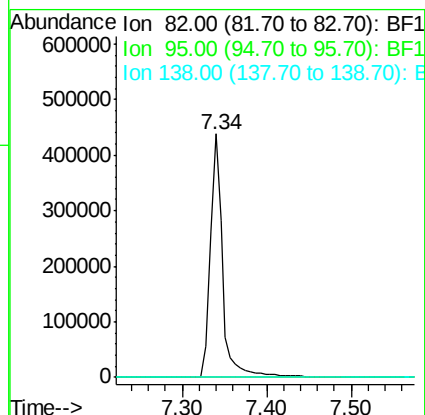
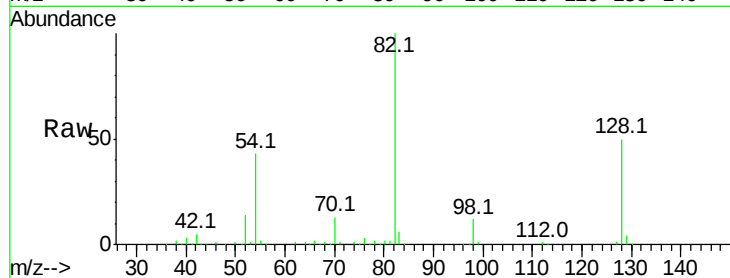
Tot Ion: 82 Resp: 446817

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100125.D

Acq: 3 Nov 2017 10:24

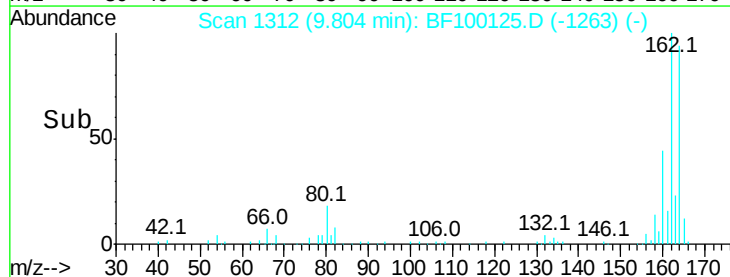
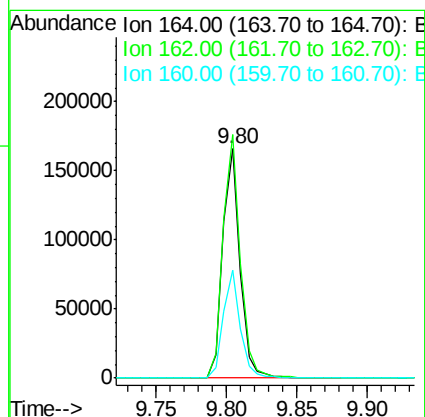
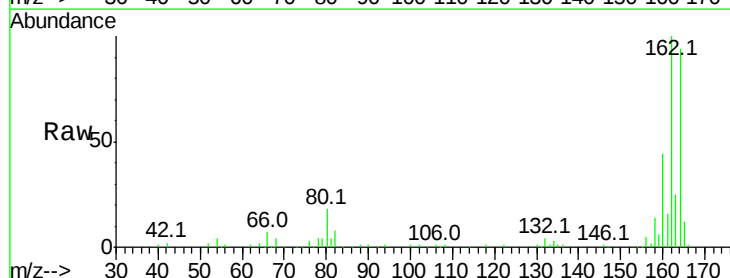
Tgt Ion: 164 Resp: 140973

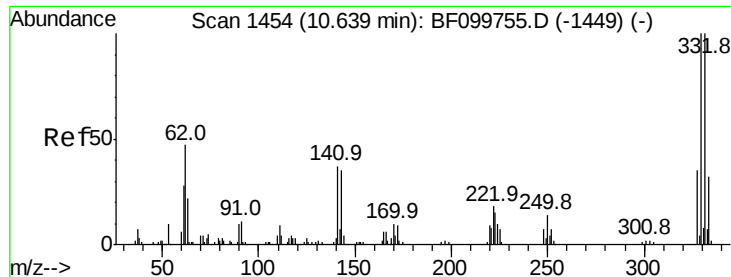
Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

160 47.1 38.3 57.5

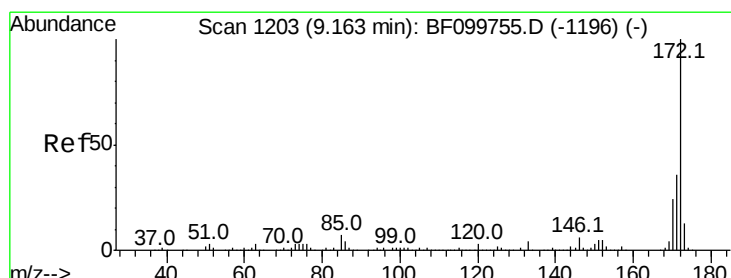
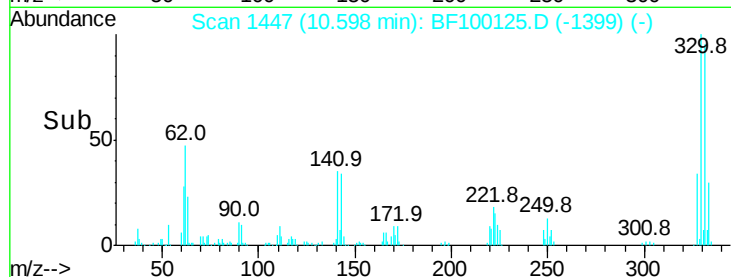
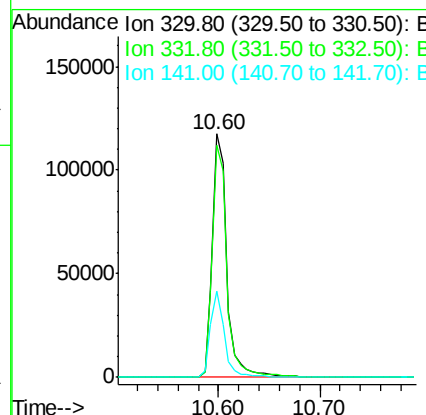
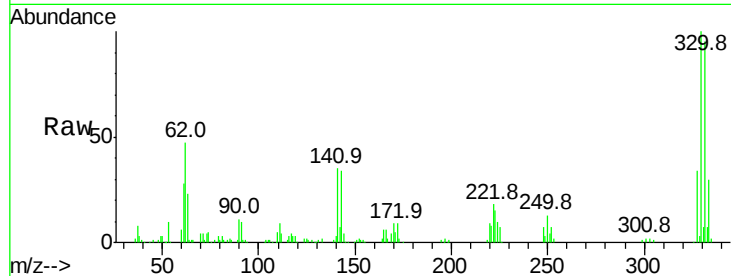




#41
 2,4,6-Tribromophenol
 Concen: 90.982 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

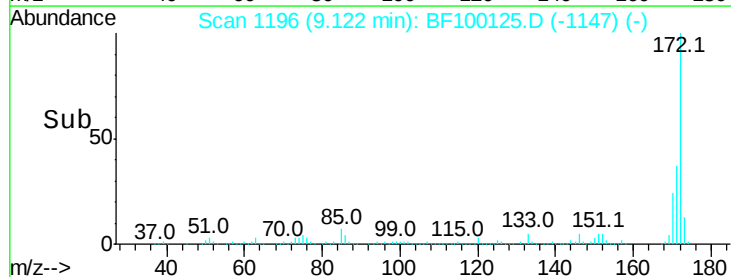
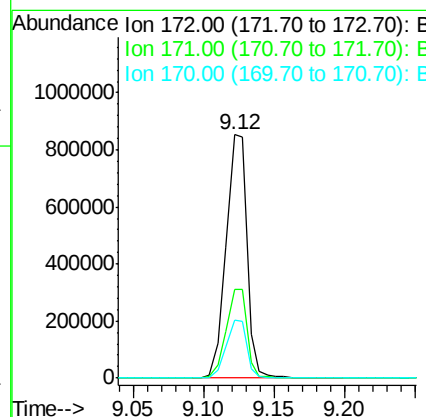
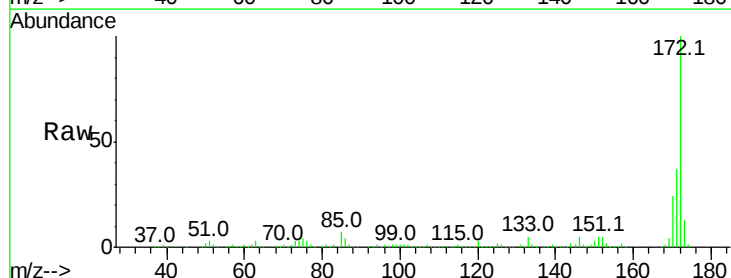
Instrument :
 BNA_F
 ClientSampleId :

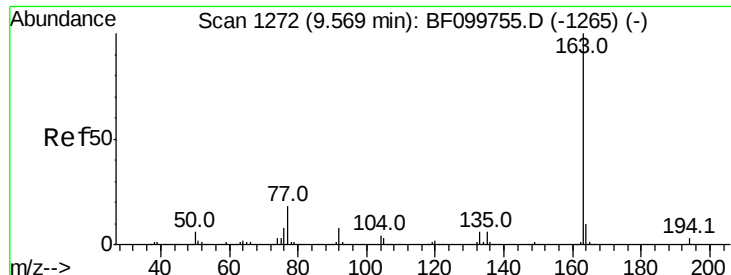
Tot Ion	330	332	141	Ratio	Lower	Upper
116885	100	96.3	34.2		77.0	115.6
					29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.824 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Tgt Ion	172	171	170	Ratio	Lower	Upper
884701	100	36.6	23.9		29.7	44.5
					19.6	29.4

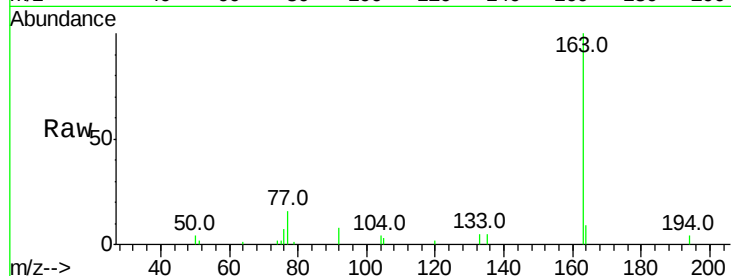




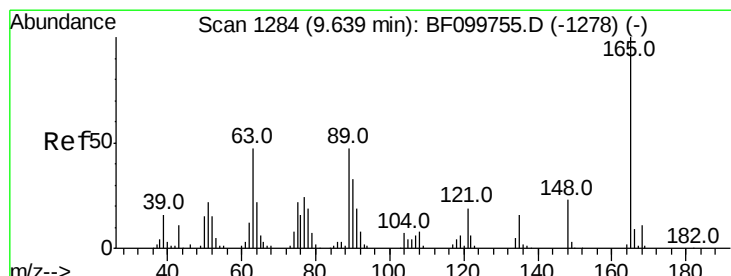
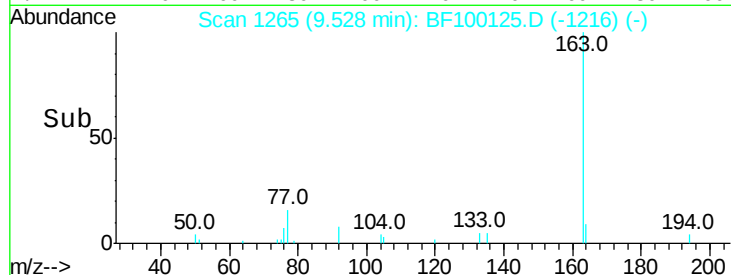
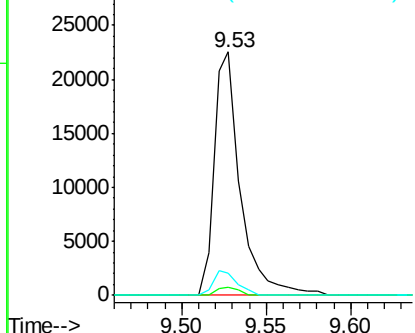
#49
Dimethylphthalate
Concen: 2.181 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100125.D
Acq: 3 Nov 2017 10:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 24352
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.3 8.2 12.2

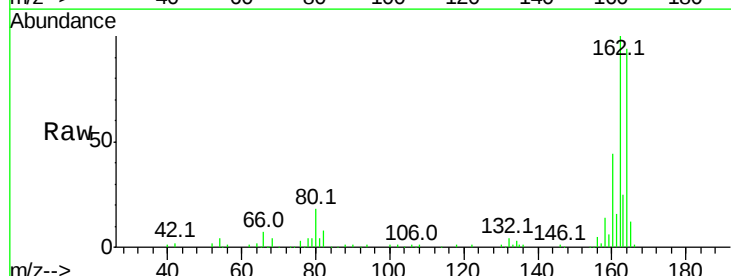


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

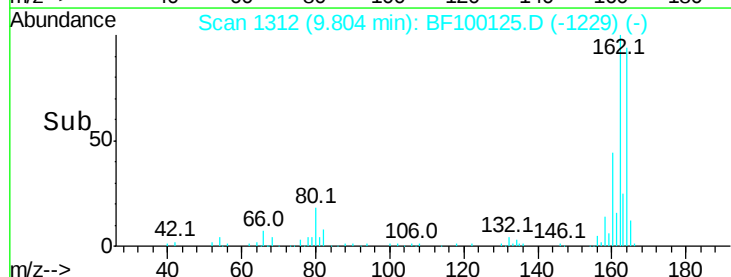
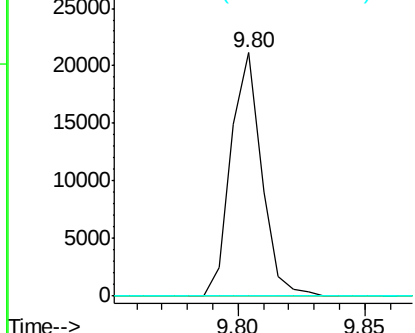


#50
2,6-Dinitrotoluene
Concen: 7.547 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100125.D
Acq: 3 Nov 2017 10:24

Tgt Ion:165 Resp: 17713
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

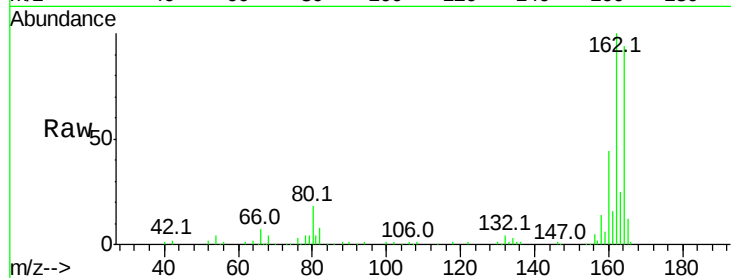




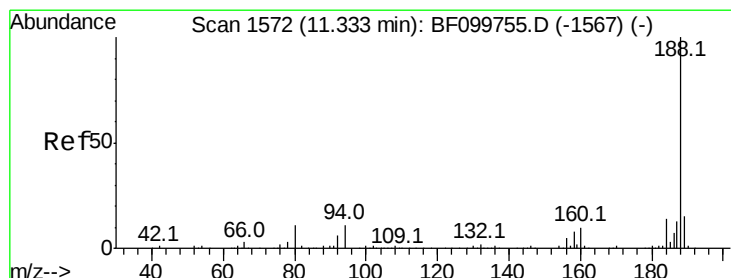
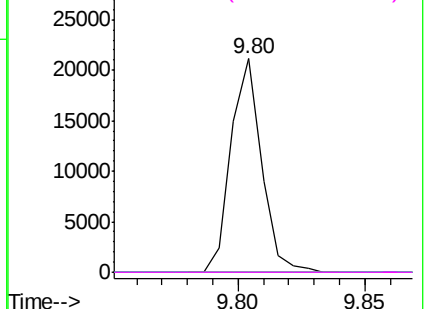
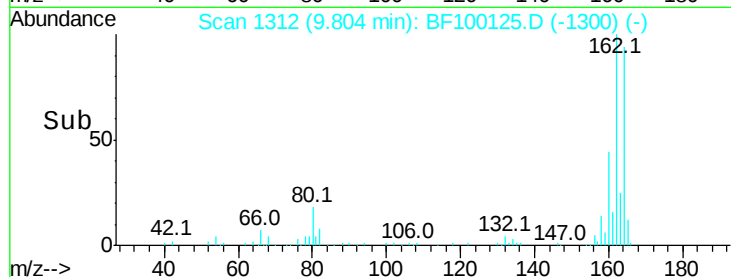
#56
 2,4-Dinitrotoluene
 Concen: 6.267 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.23 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 17713
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

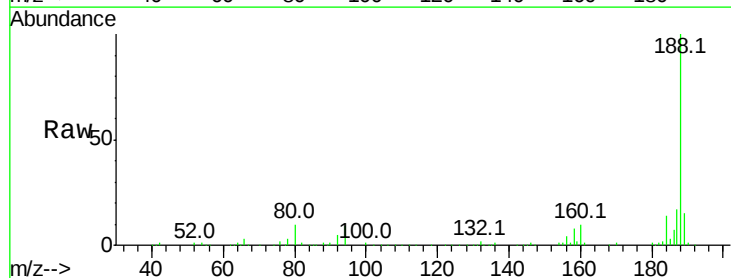


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

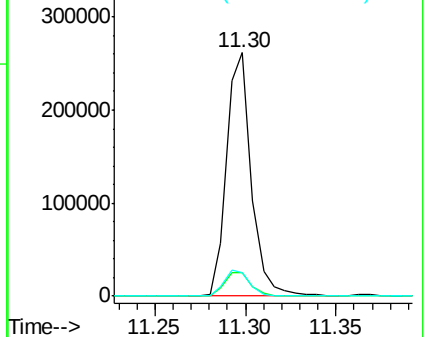
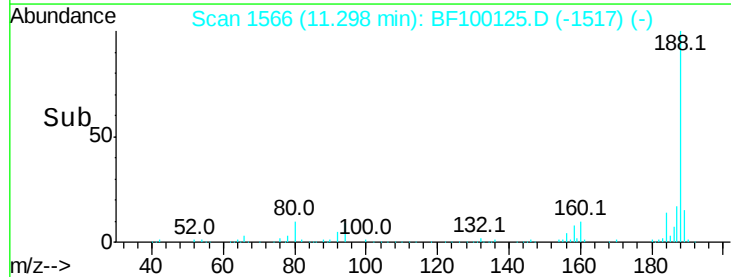


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Tgt Ion:188 Resp: 249517
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 9.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

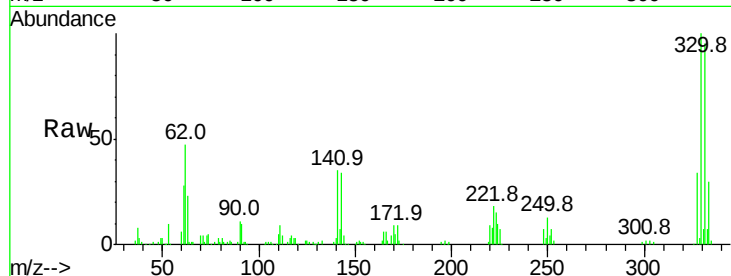




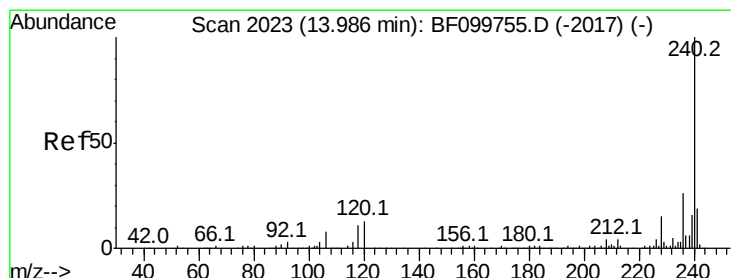
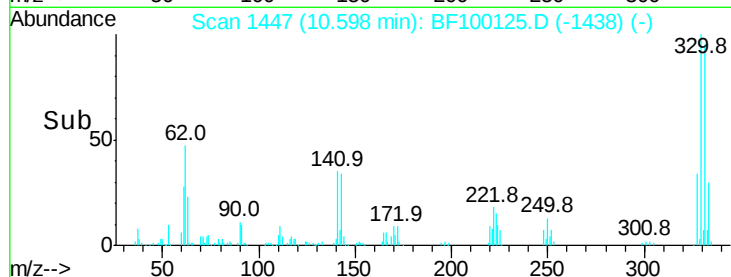
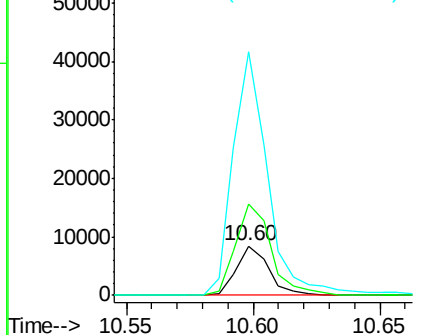
#66
 4-Bromophenyl-phenylether
 Concen: 2.862 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7518
 Ion Ratio Lower Upper
 248 100
 250 185.3 76.9 115.3#
 141 492.6 74.4 111.6#



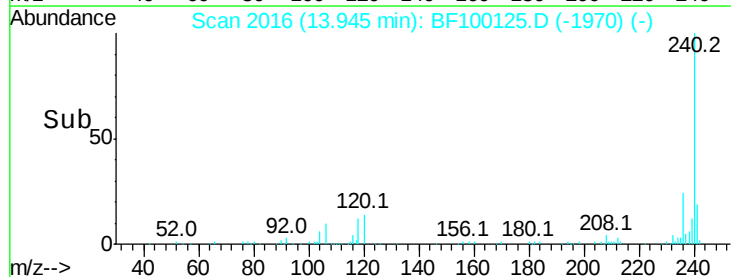
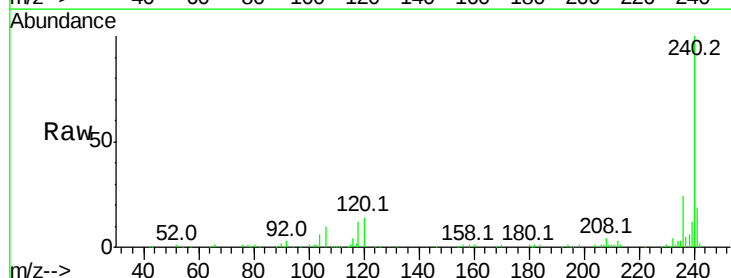
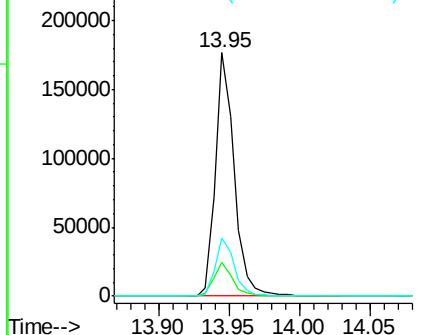
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

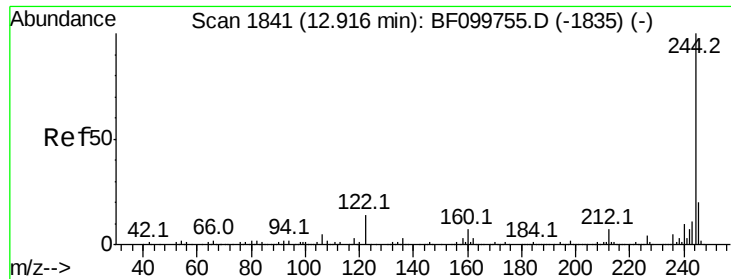


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.03 min
 Lab File: BF100125.D
 Acq: 3 Nov 2017 10:24

Tgt Ion:240 Resp: 163288
 Ion Ratio Lower Upper
 240 100
 120 14.1 9.5 14.3
 236 24.0 20.7 31.1

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: 104.063 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100125.D

Acq: 3 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

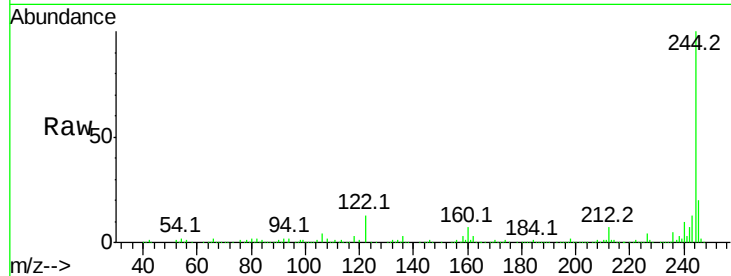
Tot Ion:244 Resp: 777547

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

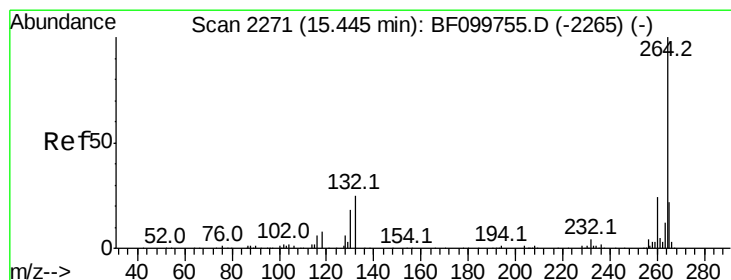
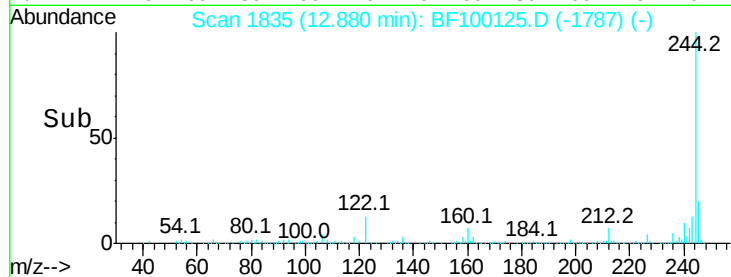
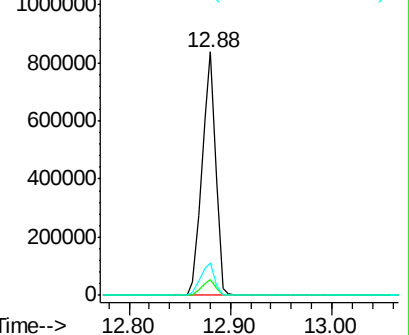
122 13.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100125.D

Acq: 3 Nov 2017 10:24

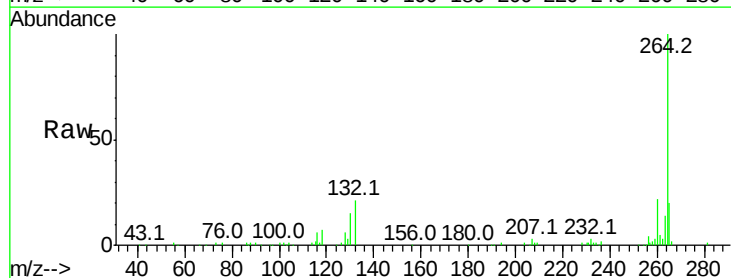
Tgt Ion:264 Resp: 129208

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 19.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

