

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100057.D
 Acq On : 1 Nov 2017 21:12
 Operator : SJ/JU
 Sample : I6233-06 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 01:39:41 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

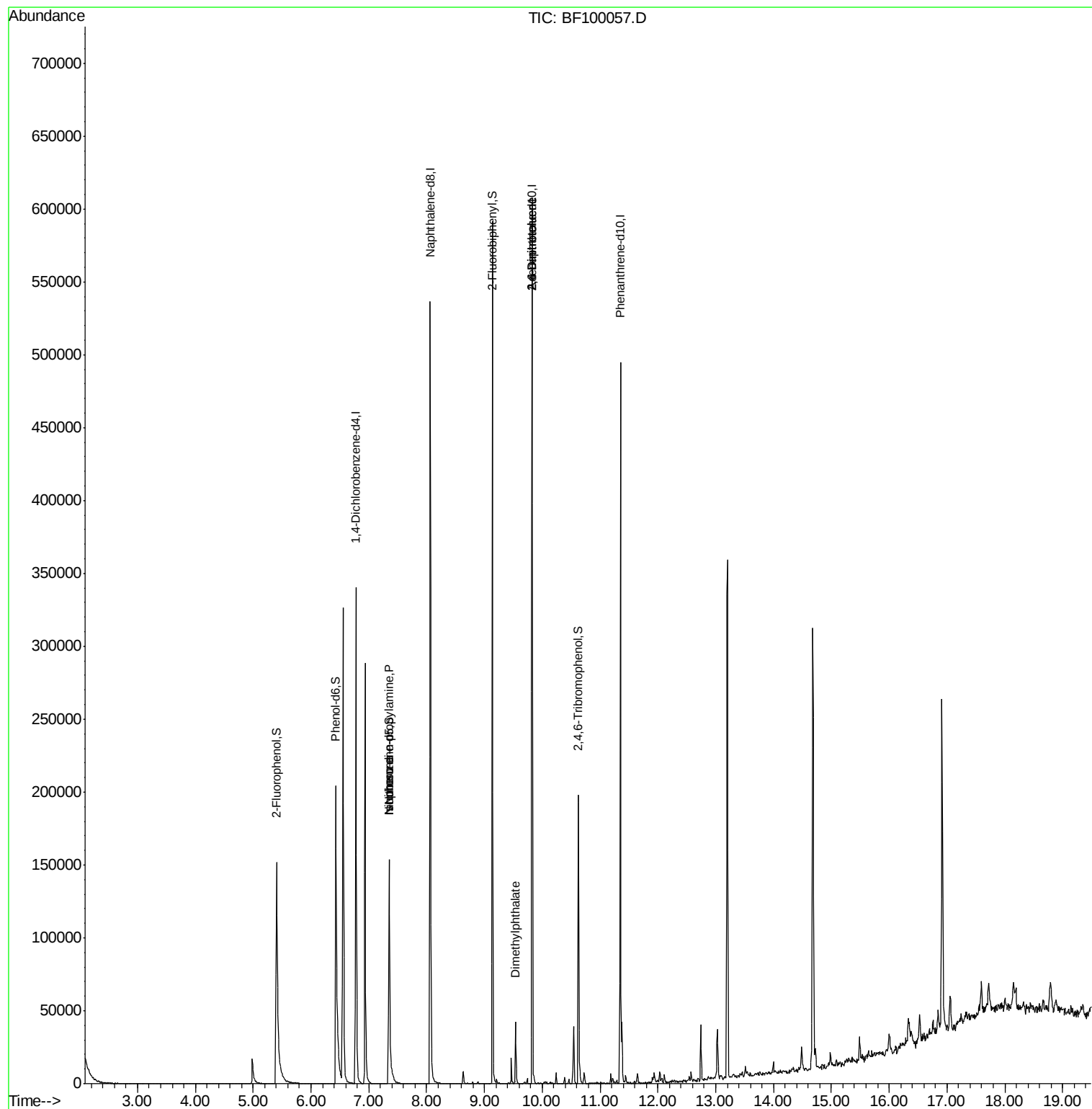
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	64902	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	261705	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	113901	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	182273	20.00	ng	0.04
75) Chrysene-d12	0.00	240	0	0.00	ng	-13.97
86) Perylene-d12	0.00	264	0	0.00	ng	-15.46
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	99520	24.07	ng	0.01
7) Phenol-d6	6.43	99	136692	27.89	ng	0.00
23) Nitrobenzene-d5	7.35	82	73548	18.09	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	29627	28.54	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	197589	26.76	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	8756	3.048	ng	# 72
25) Isophorone	7.35	82	73548	9.971	ng	# 64
49) Dimethylphthalate	9.54	163	21032	2.332	ng	# 98
50) 2,6-Dinitrotoluene	9.82	165	14723	7.764	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	14723	6.447	ng	# 21

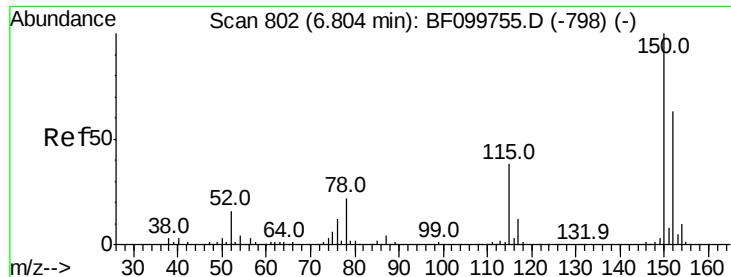
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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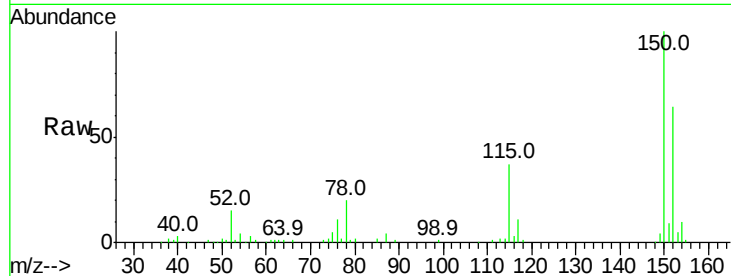


#1

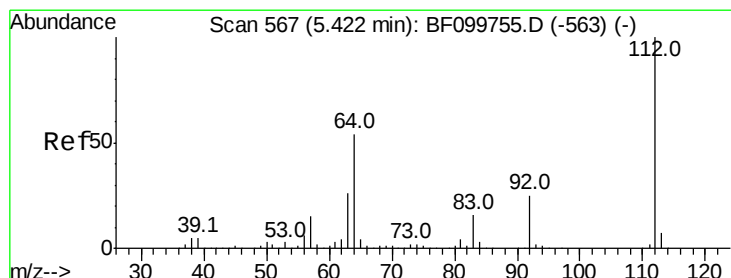
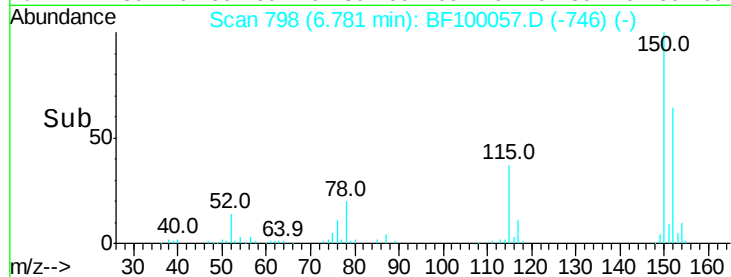
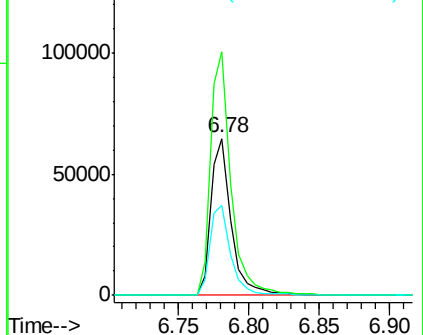
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.01 min
Lab File: BF100057.D
Acq: 1 Nov 2017 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64902
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.3 50.1 75.1



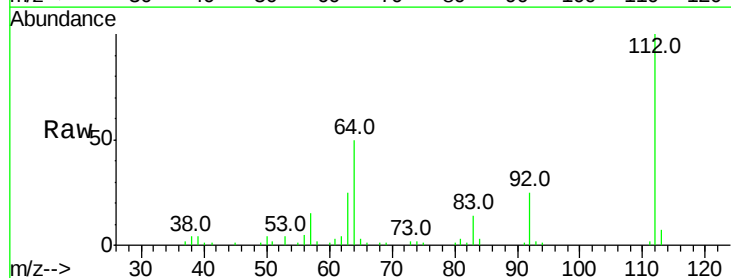
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



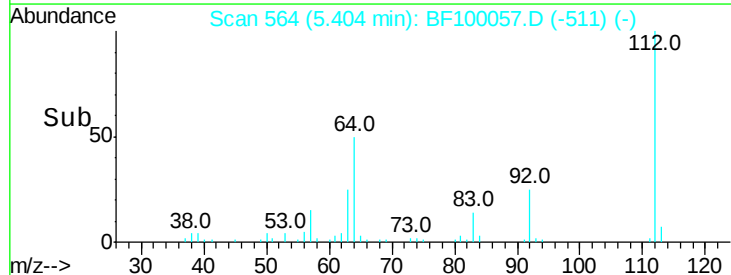
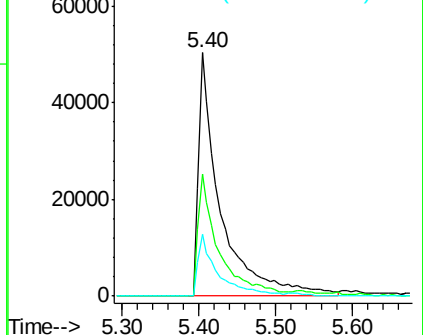
#5

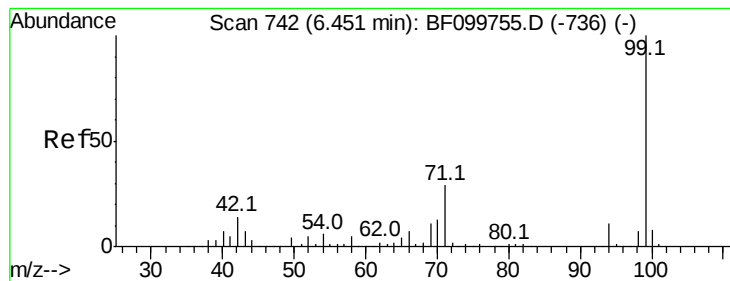
2-Fluorophenol
Concen: 24.074 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100057.D
Acq: 1 Nov 2017 21:12

Tgt Ion:112 Resp: 99520
Ion Ratio Lower Upper
112 100
64 50.1 47.9 71.9
63 25.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.886 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100057.D

Acq: 1 Nov 2017 21:12

Instrument :

BNA_F

ClientSampled :

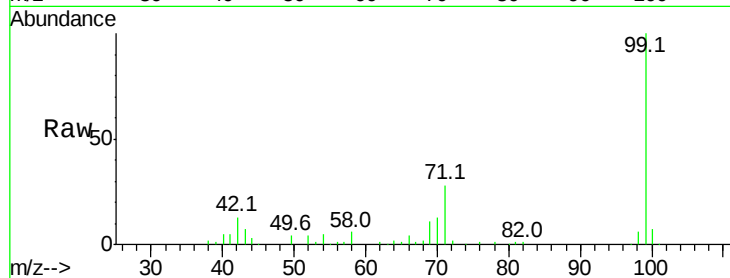
Tot Ion: 99 Resp: 136692

Ion Ratio Lower Upper

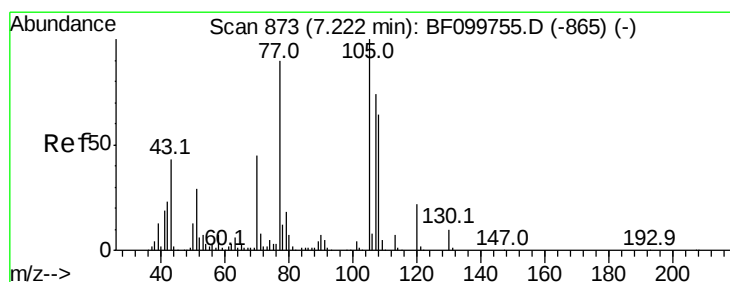
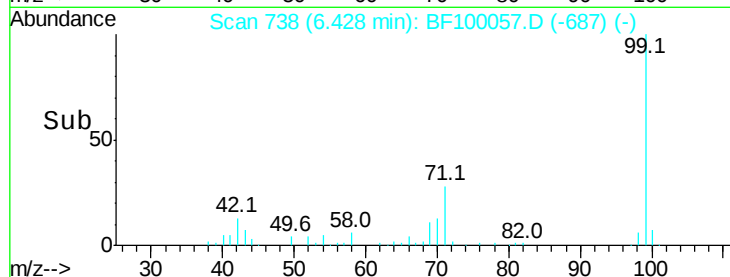
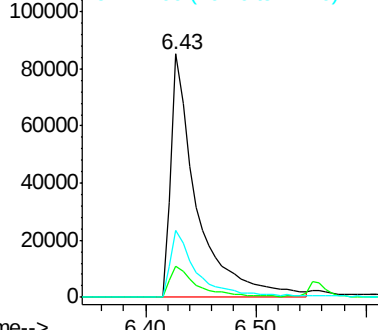
99 100

42 13.0 14.5 21.7#

71 27.6 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: 3.048 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100057.D

Acq: 1 Nov 2017 21:12

Tgt Ion: 70 Resp: 8756

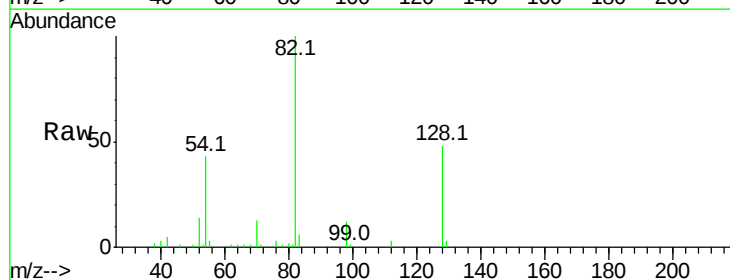
Ion Ratio Lower Upper

70 100

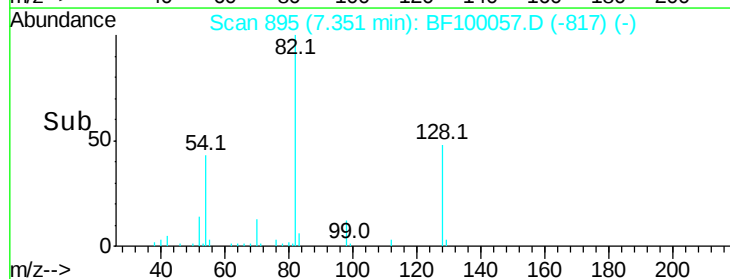
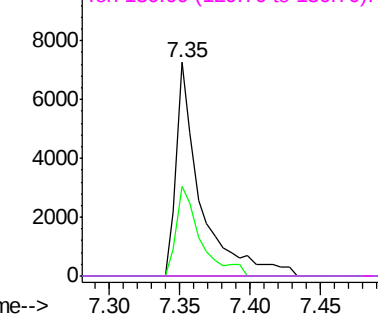
42 42.0 47.5 71.3#

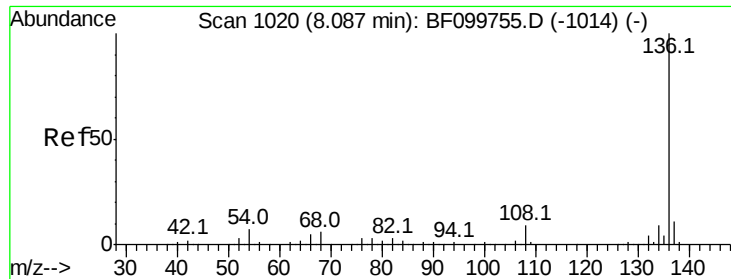
101 0.0 7.4 11.2#

130 0.0 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

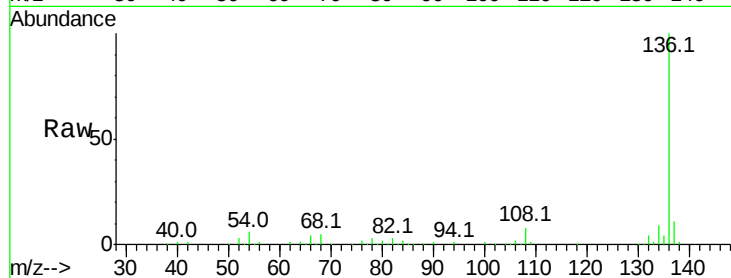




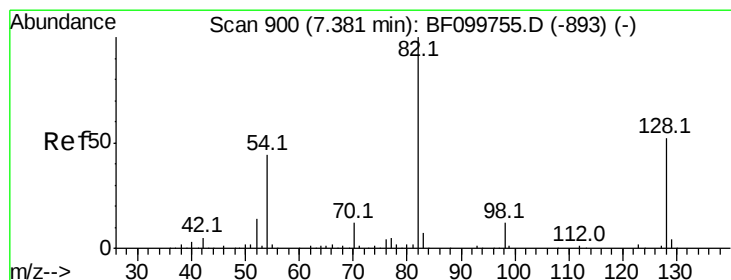
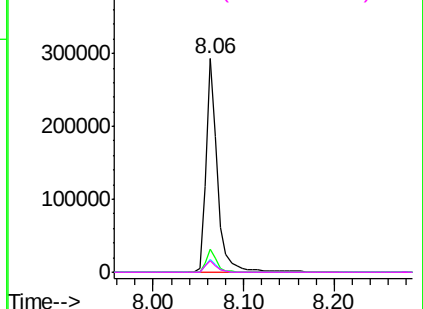
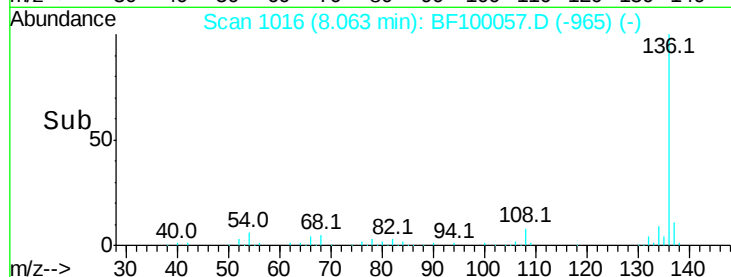
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF100057.D
Acq: 1 Nov 2017 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	261705
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.2	6.6	9.8#
68	5.3	5.0	7.4

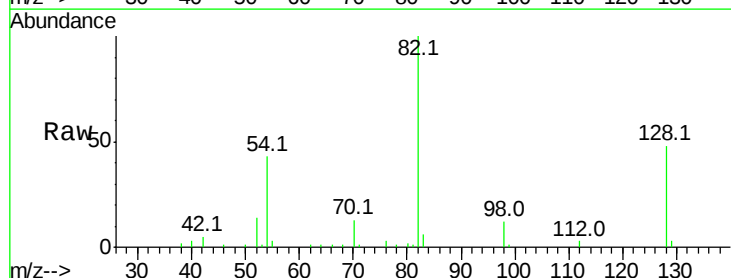


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

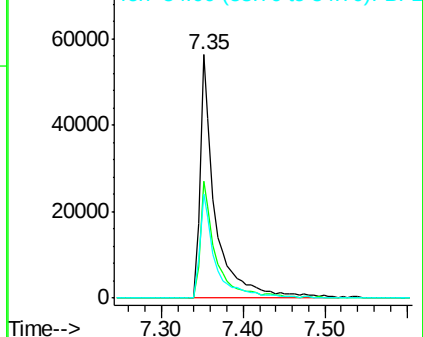
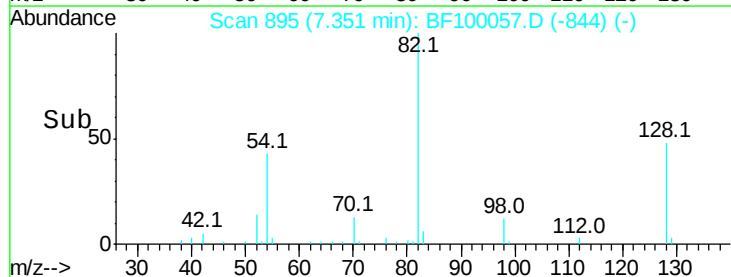


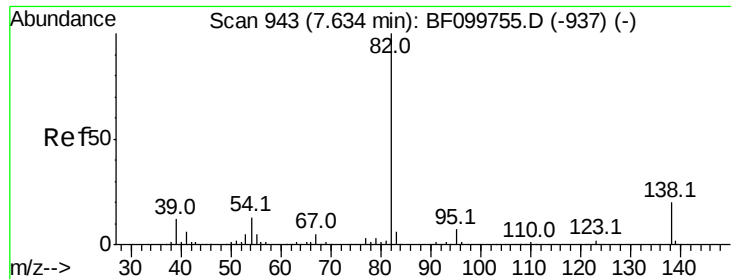
#23
Nitrobenzene-d5
Concen: 18.093 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100057.D
Acq: 1 Nov 2017 21:12

Tgt Ion:	82	Resp:	73548
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	42.8	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.971 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100057.D

Acq: 1 Nov 2017 21:12

Instrument :

BNA_F

ClientSampleId :

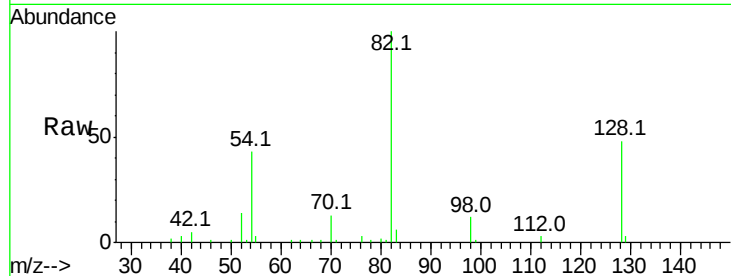
Tot Ion: 82 Resp: 73548

Ion Ratio Lower Upper

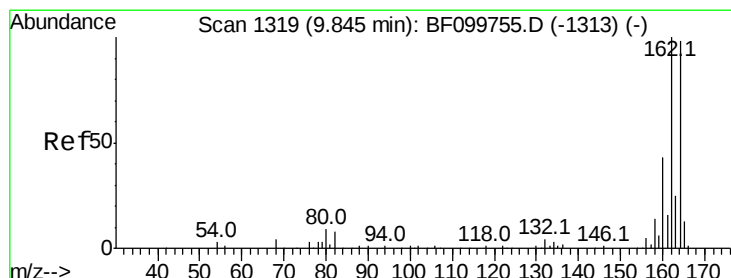
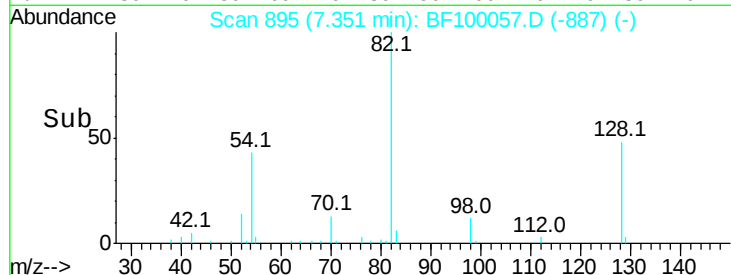
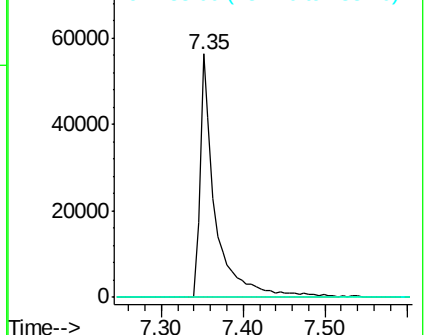
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF100057.D

Acq: 1 Nov 2017 21:12

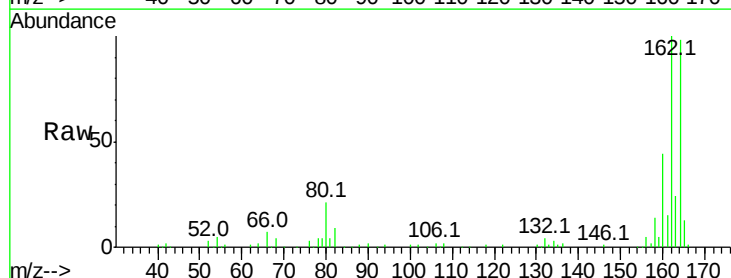
Tgt Ion:164 Resp: 113901

Ion Ratio Lower Upper

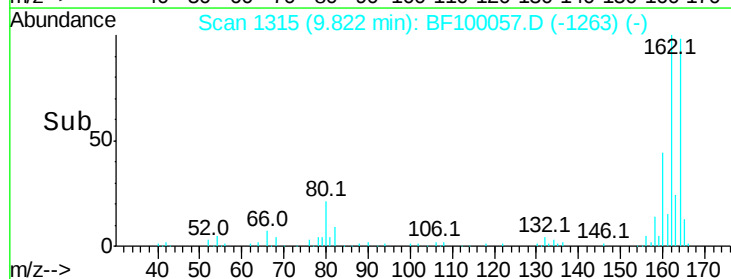
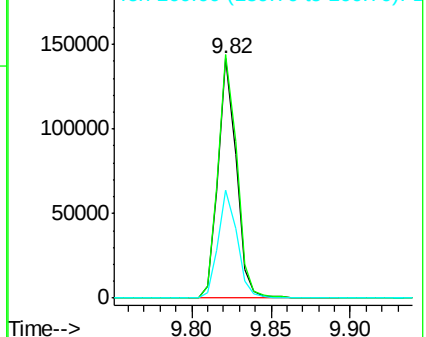
164 100

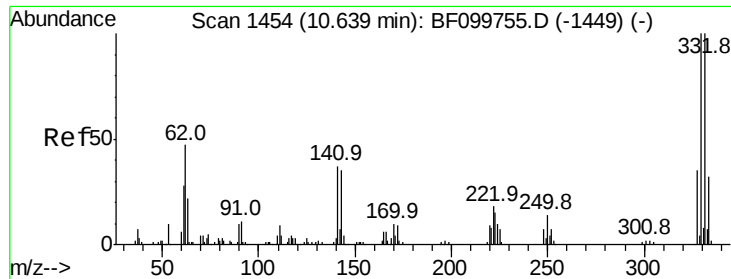
162 101.6 86.1 129.1

160 45.0 38.3 57.5



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

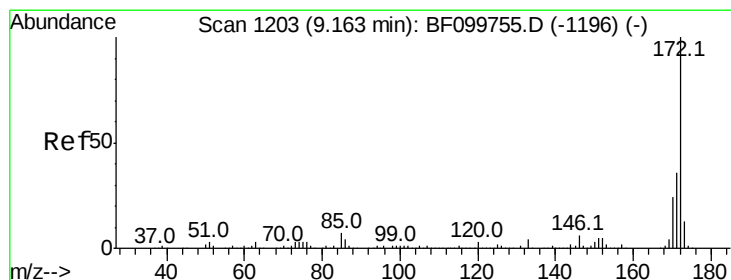
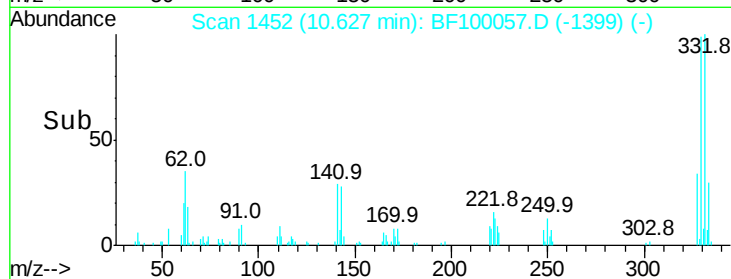
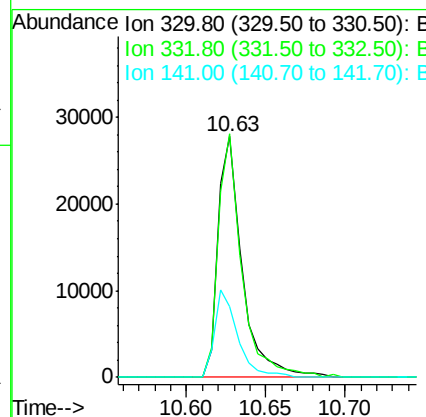
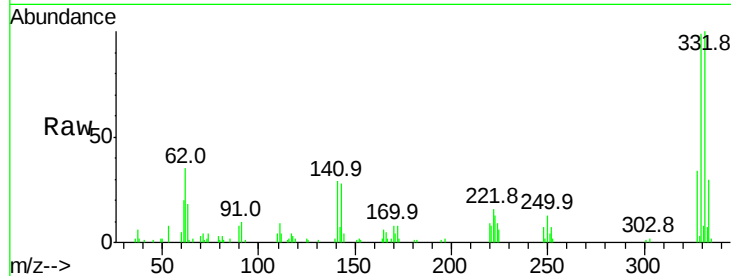




#41
 2,4,6-Tribromophenol
 Concen: 28.542 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF100057.D
 Acq: 1 Nov 2017 21:12

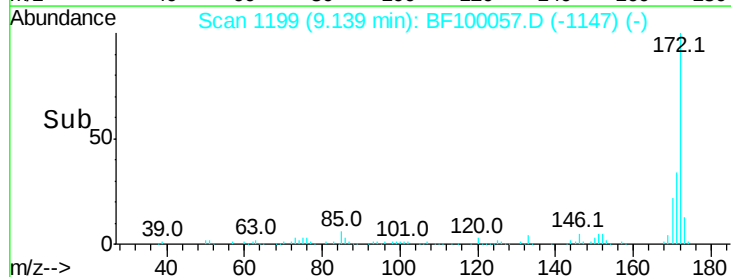
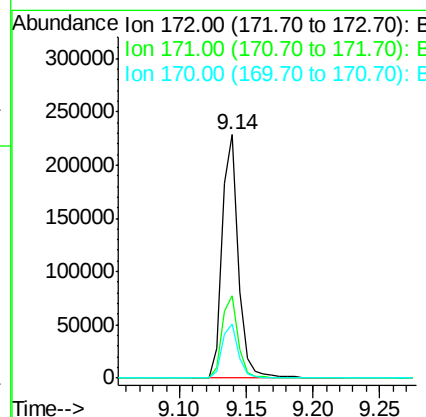
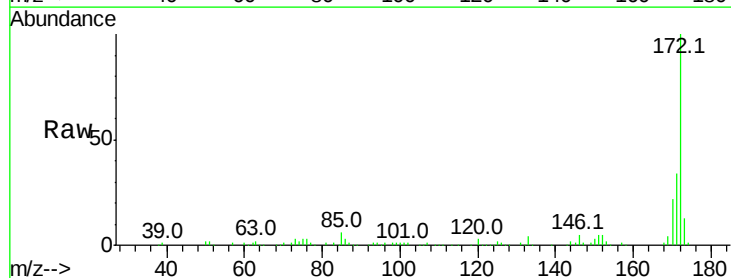
Instrument :
 BNA_F
 ClientSampleId :

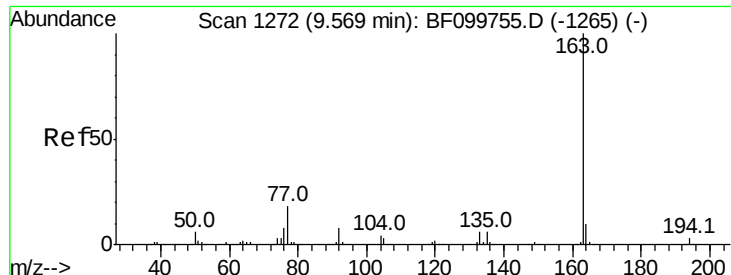
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	35.0	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 26.764 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF100057.D
 Acq: 1 Nov 2017 21:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.7	44.5
170	22.3	19.6	29.4





#49

Dimethylphthalate

Concen: 2.332 ng

RT: 9.54 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF100057.D

Acq: 1 Nov 2017 21:12

Instrument :

BNA_F

ClientSampleId :

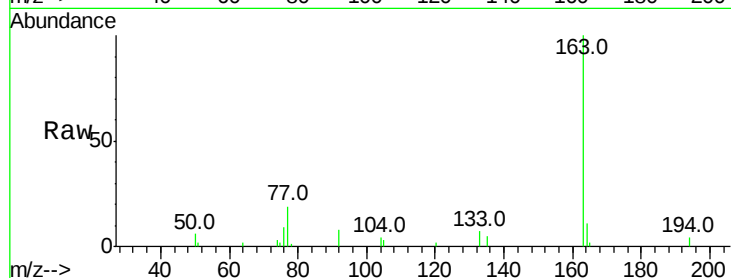
Tot Ion:163 Resp: 21032

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

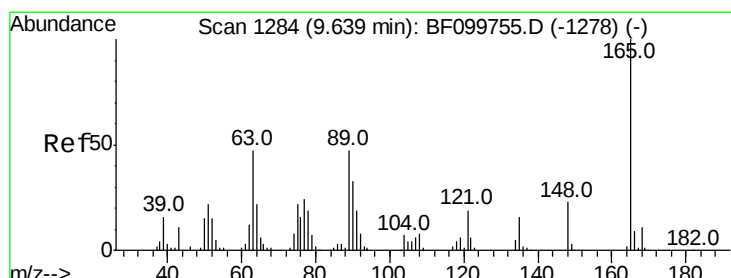
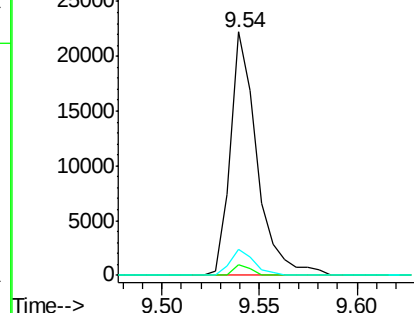
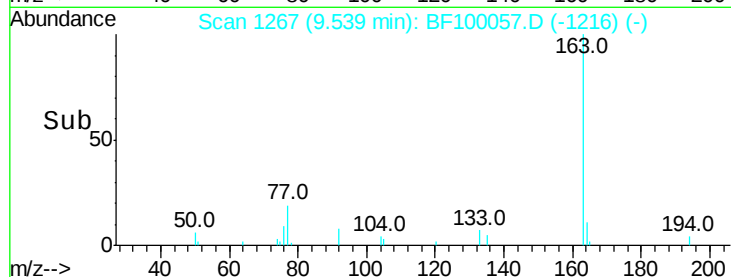
164 10.6 8.2 12.2



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: 7.764 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.21 min

Lab File: BF100057.D

Acq: 1 Nov 2017 21:12

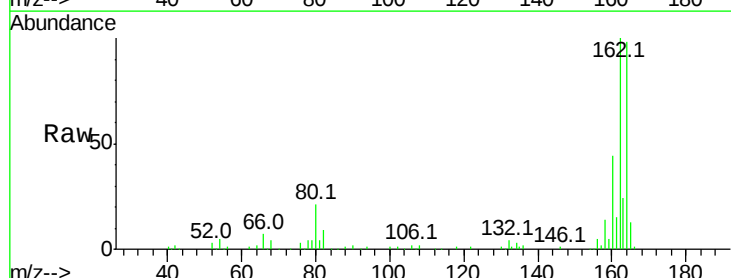
Tgt Ion:165 Resp: 14723

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

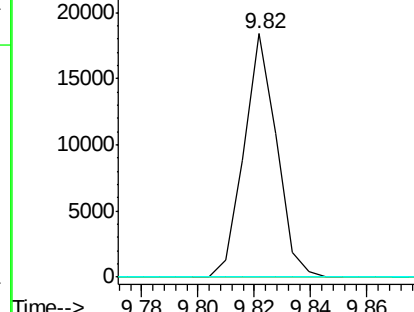
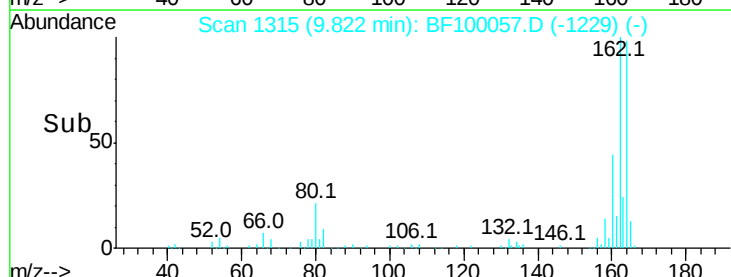
89 0.0 44.0 66.0#

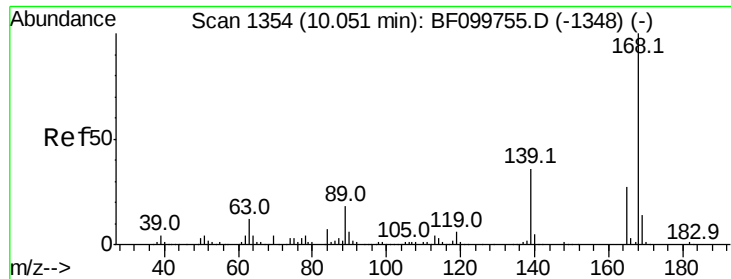


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

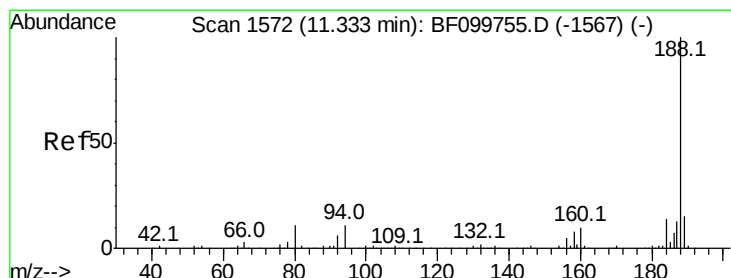
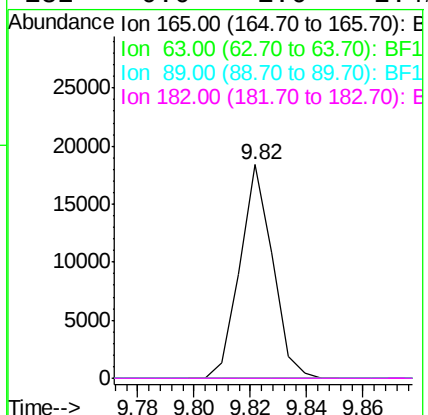
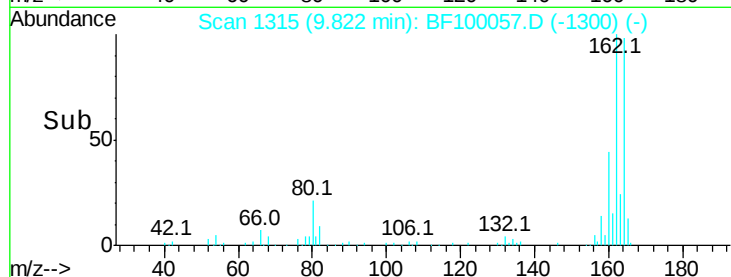
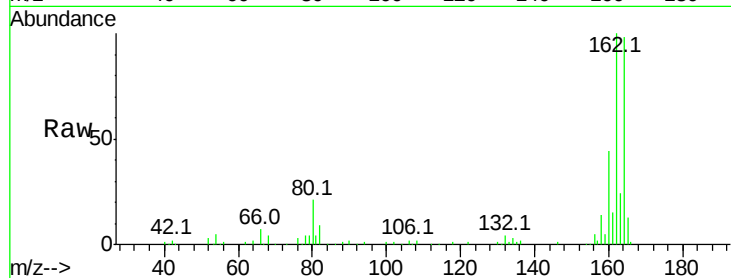




#56
 2,4-Dinitrotoluene
 Concen: 6.447 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF100057.D
 Acq: 1 Nov 2017 21:12

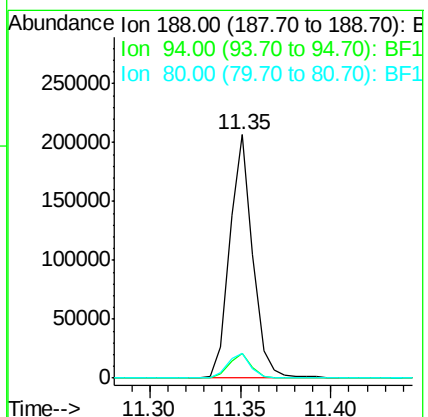
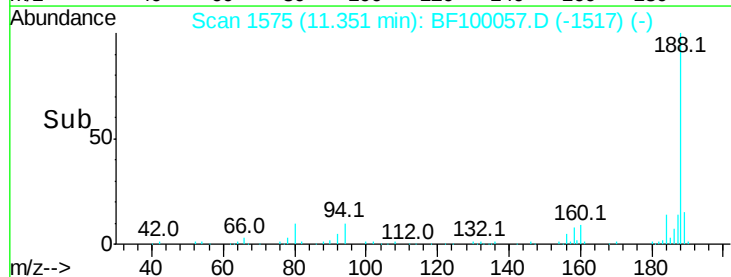
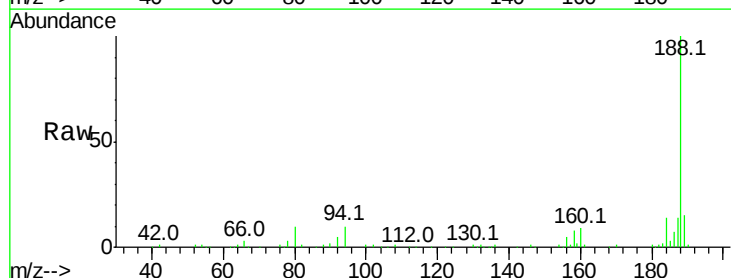
Instrument :
 BNA_F
 ClientSampleId :

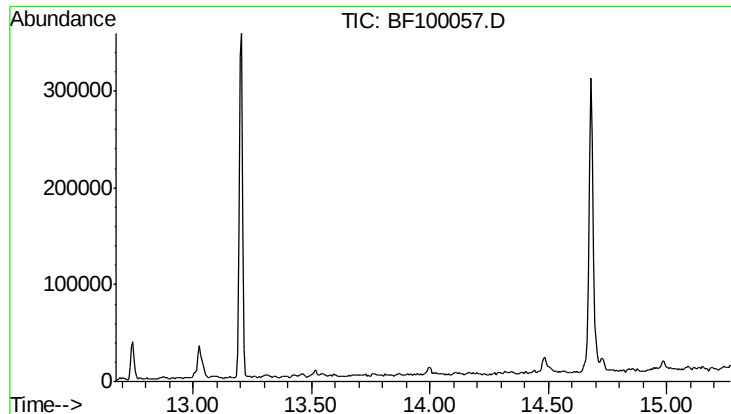
Tot Ion:165 Resp: 14723
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.04 min
 Lab File: BF100057.D
 Acq: 1 Nov 2017 21:12

Tgt Ion:188 Resp: 182273
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.2 9.2 13.8

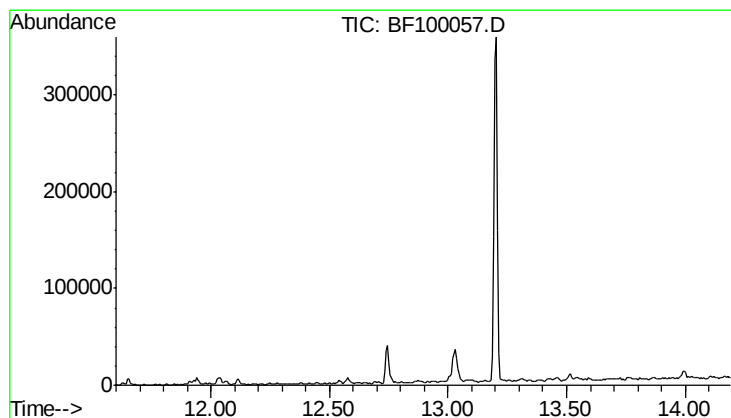
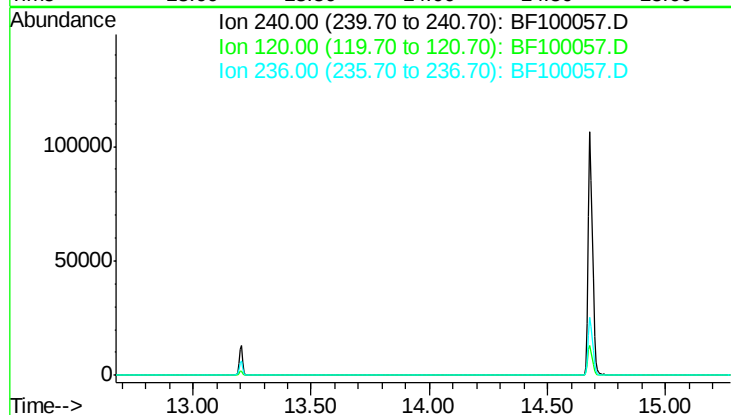




#75
 Chrvsene-d12
 Concen: 0.000 ng
 Expected RT: 13.97 min
 Lab File: BF100057.D
 Acq: 1 Nov 2017 21:12

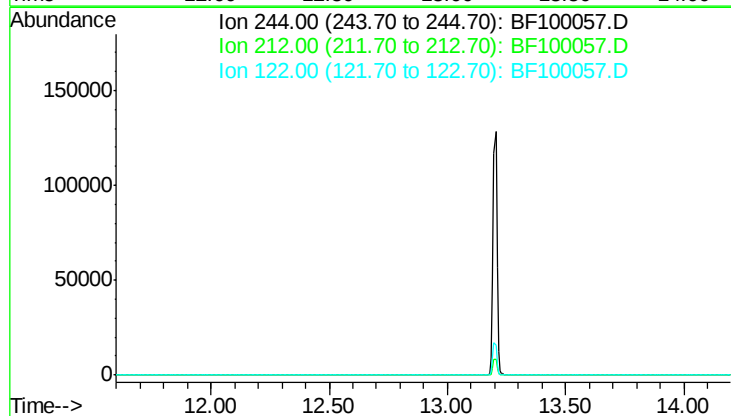
Instrument :
 BNA_F
 ClientSampleId :

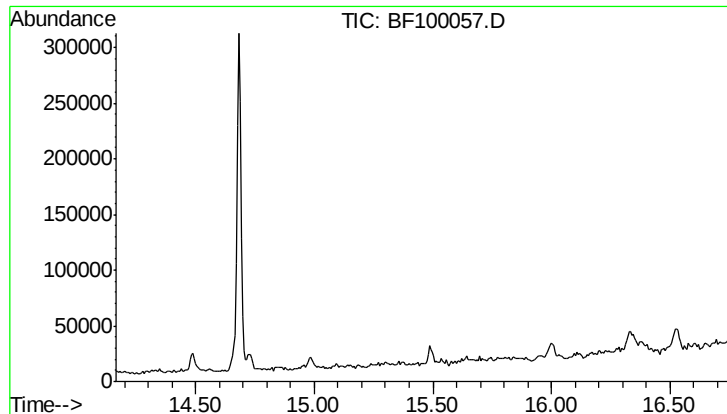
Tot Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.9



#78
 Terphenyl-d14
 Concen: 0.000 ng
 Expected RT: 12.90 min
 Lab File: BF100057.D
 Acq: 1 Nov 2017 21:12

Tgt Ion: 244
 Sig Exp Ratio
 244 100
 212 6.7
 122 13.7





#86
Pervlene-d12
Concen: 0.000 ng
Expected RT: 15.46 min

Lab File: BF100057.D
Acq: 1 Nov 2017 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	24.0
265	21.9

