

Data File : BF100519.D
Acq On : 13 Nov 2017 22:42
Operator : SJ/JU
Sample : I6389-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-12

Quant Time: Nov 14 00:57:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	77728	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	289094	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	117009	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	185970	20.00	ng	0.00
75) Chrysene-d12	14.05	240	165168	20.00	ng	0.00
86) Perylene-d12	15.53	264	116588	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	302188	62.32	ng	0.00
7) Phenol-d6	6.52	99	366339	61.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	209107	47.82	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	72633	60.92	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	407531	53.03	ng	0.00
78) Terphenyl-d14	13.00	244	264048	36.73	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	16566	2.64	ng	79
19) n-Nitroso-di-n-propylamine	7.45	70	27170	6.55	ng	# 84
25) Isophorone	7.45	82	209102	22.76	ng	# 64
47) 2-Nitroaniline	9.63	65	421	2.97	ng	# 1
49) Dimethylphthalate	9.64	163	57813	6.47	ng	# 97
50) 2,6-Dinitrotoluene	9.93	165	14943	8.45	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	14943	6.70	ng	# 23
62) Azobenzene	10.64	77	34760	4.13	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	4409	2.21	ng	# 1

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

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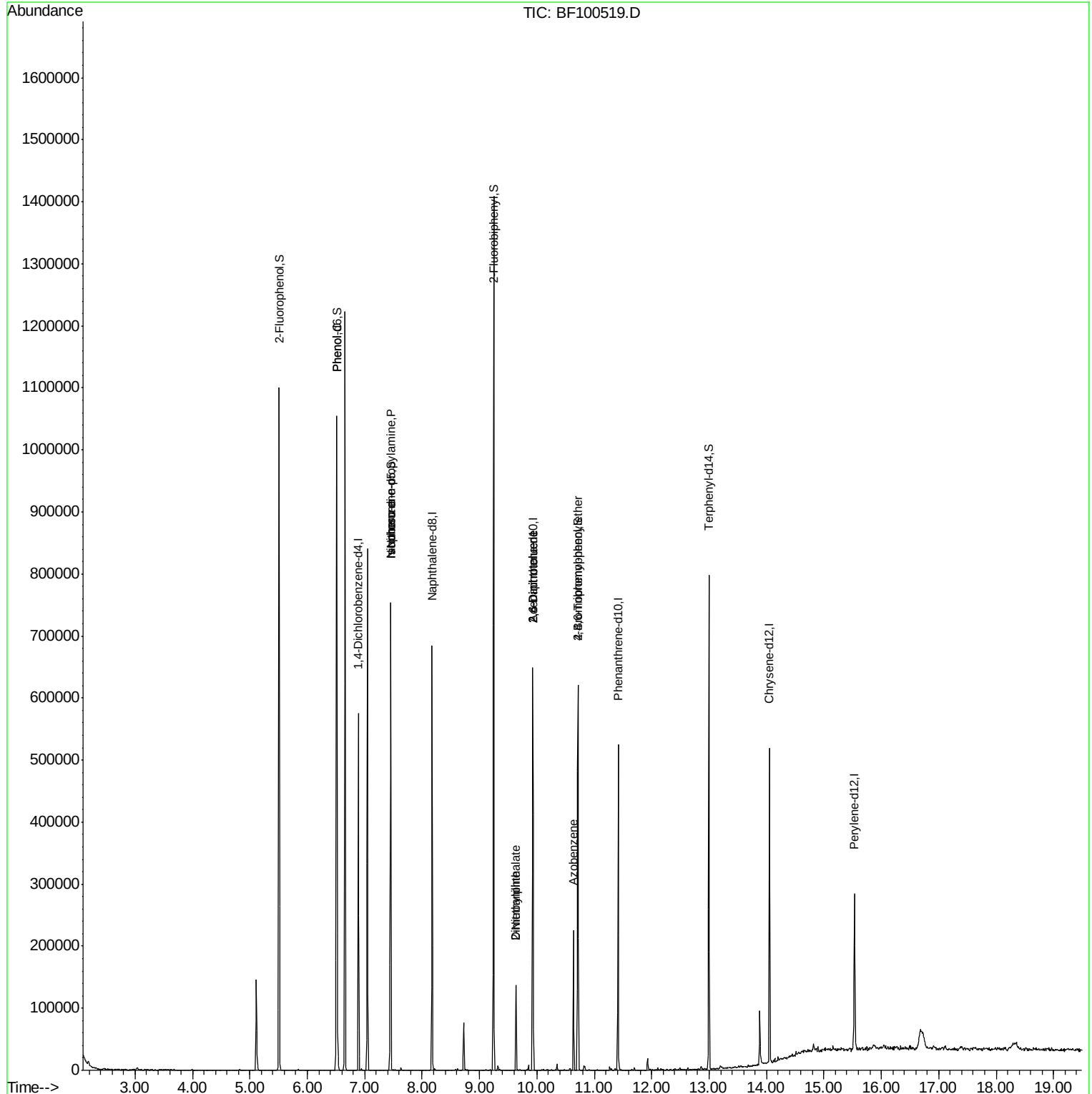
Quant Time: Nov 14 00:57:14 2017

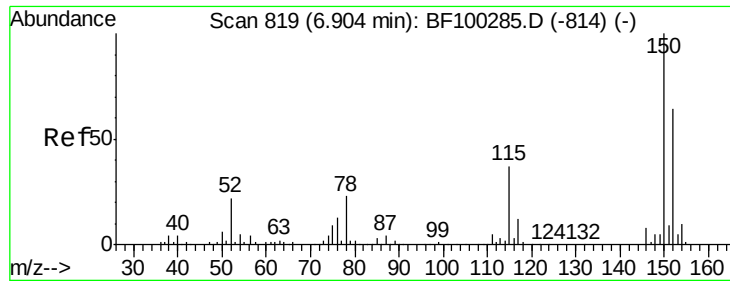
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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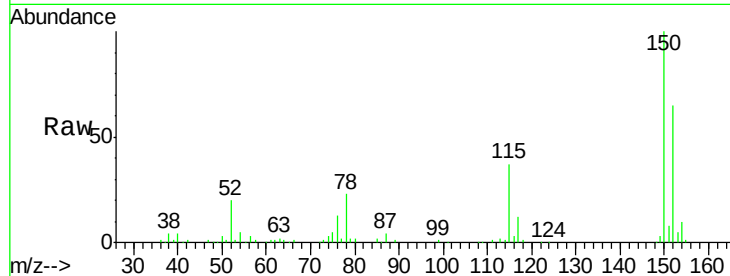


#1

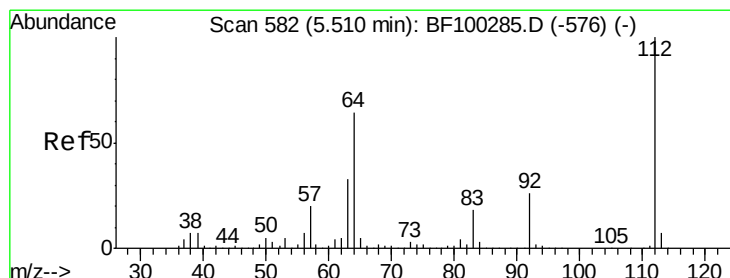
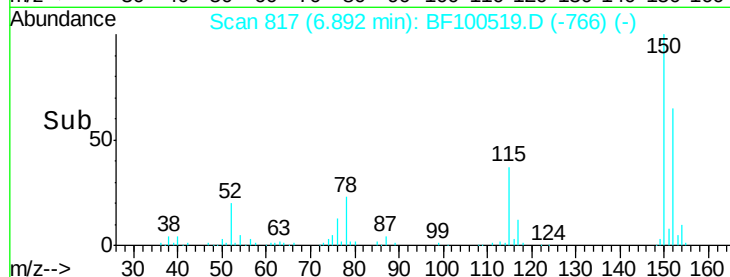
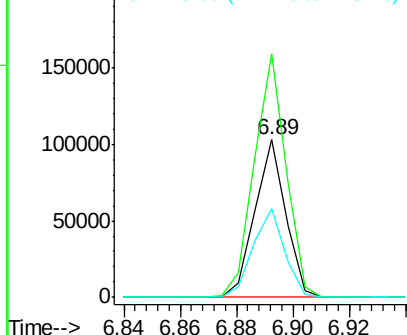
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :
3N-12

Tgt Ion:152 Resp: 77728
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 56.6 50.1 75.1



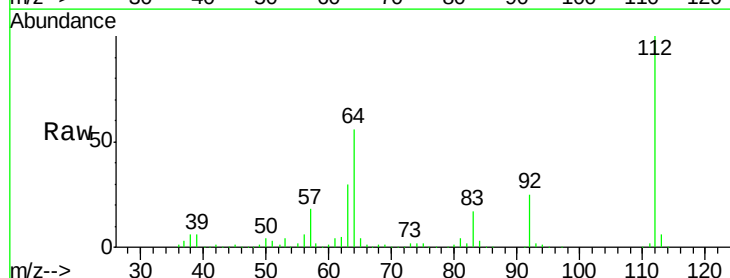
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



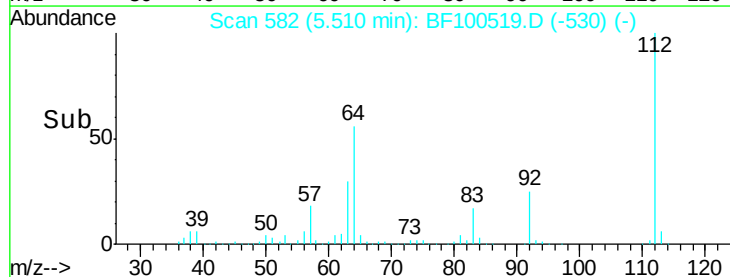
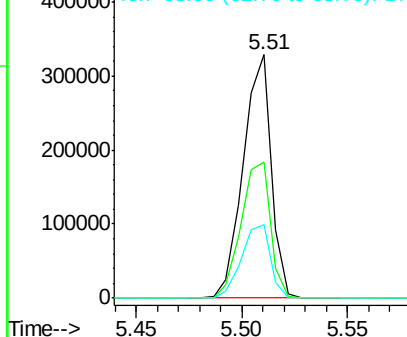
#5

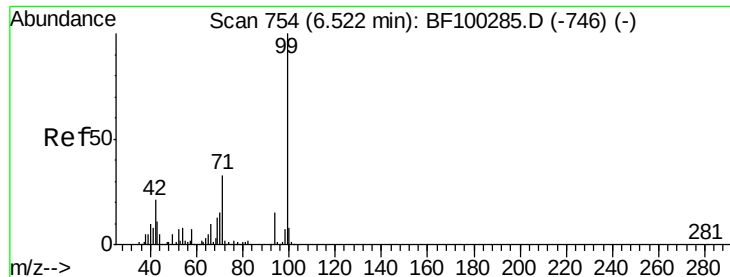
2-Fluorophenol
Concen: 62.32 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

Tgt Ion:112 Resp: 302188
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 30.1 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: 61.27 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

3N-12

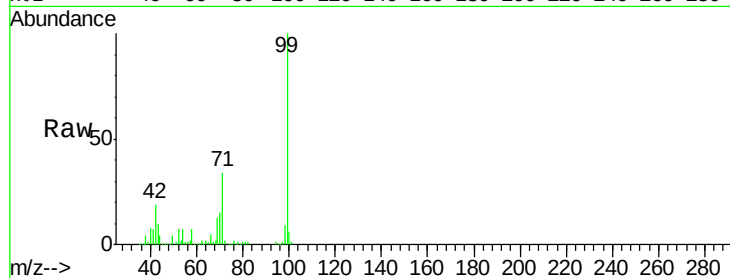
Tgt Ion: 99 Resp: 366339

Ion Ratio Lower Upper

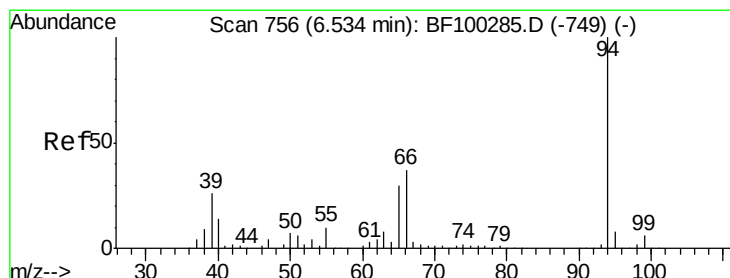
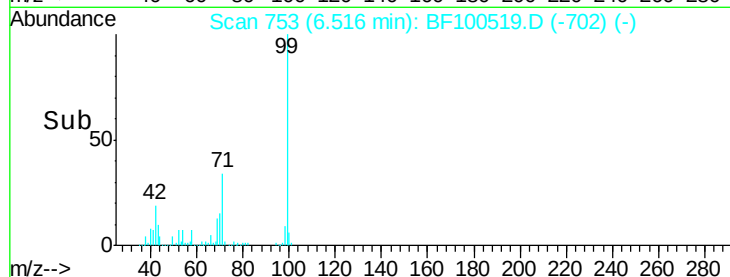
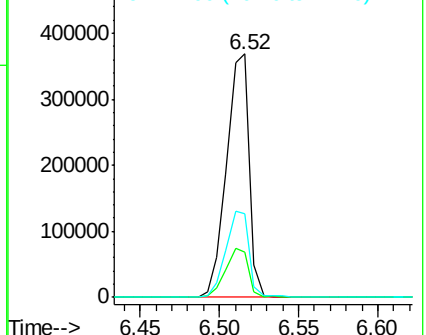
99 100

42 18.8 14.5 21.7

71 34.4 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



#10

Phenol

Concen: 2.64 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

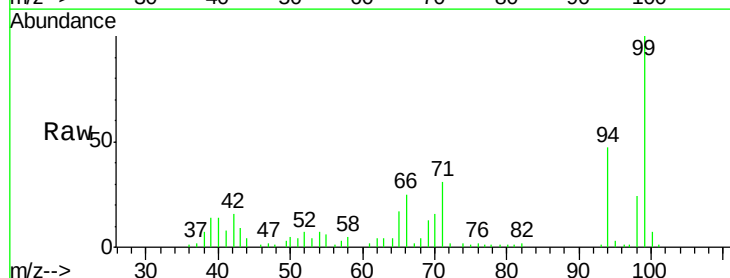
Tgt Ion: 94 Resp: 16566

Ion Ratio Lower Upper

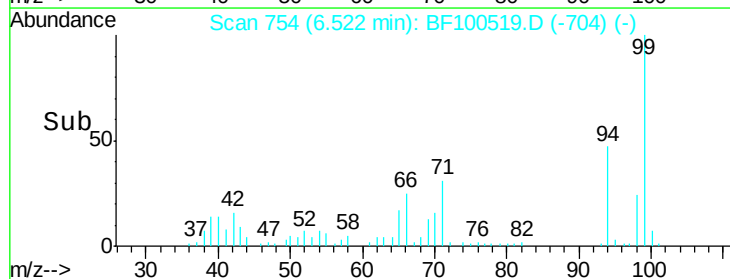
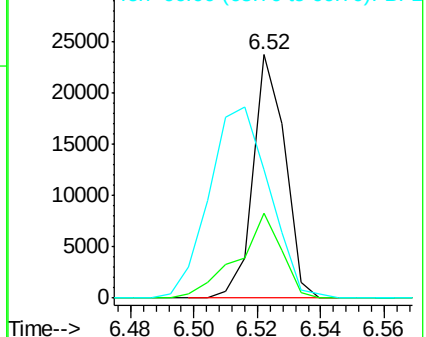
94 100

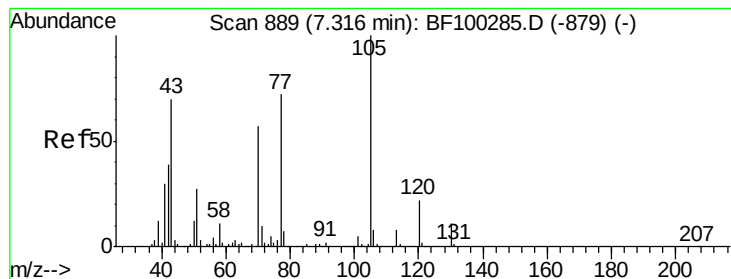
65 34.9 7.9 47.9

66 52.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 6.55 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.15 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

Instrument :

BNA_F

ClientSampled :

3N-12

Tgt Ion: 70 Resp: 27170

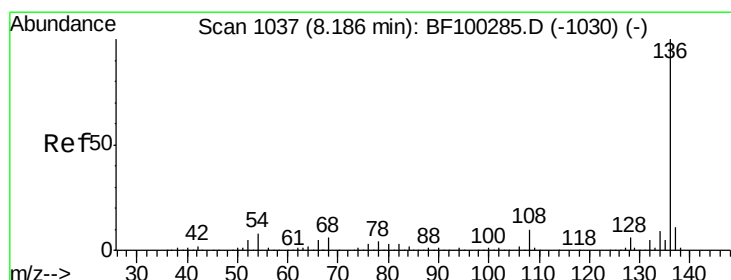
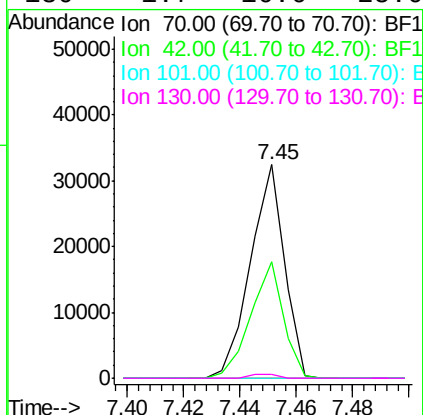
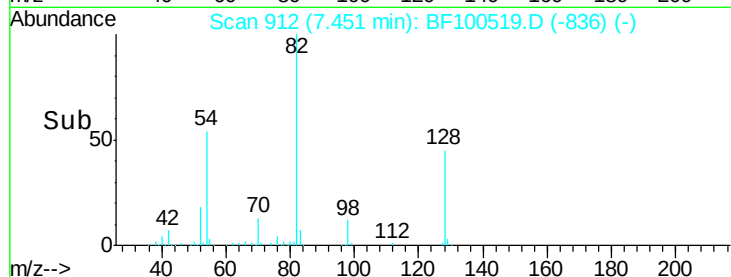
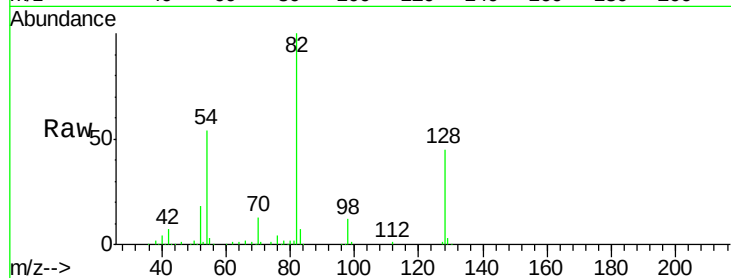
Ion Ratio Lower Upper

70 100

42 54.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

Tgt Ion: 136 Resp: 289094

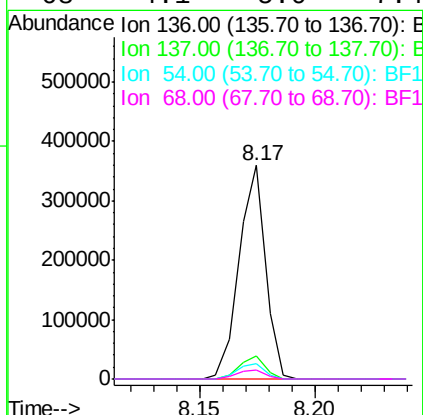
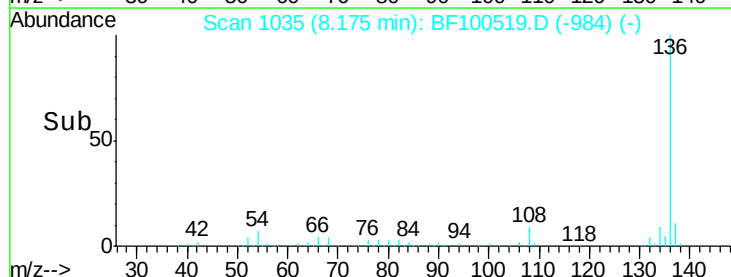
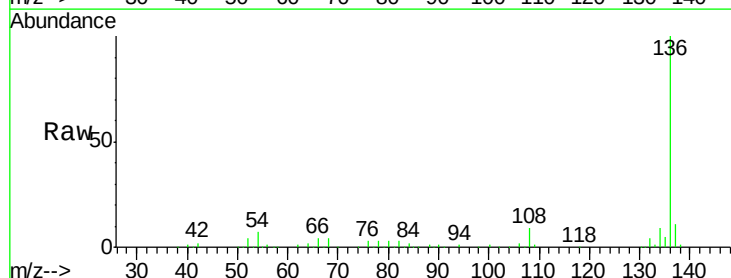
Ion Ratio Lower Upper

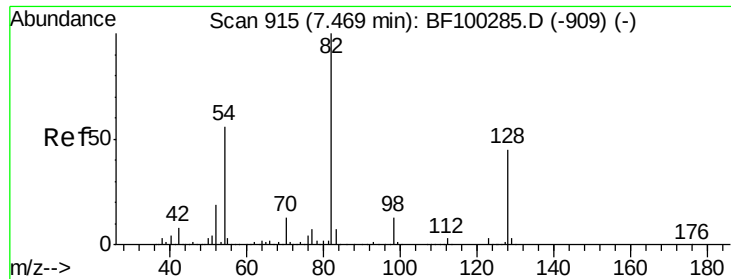
136 100

137 10.6 8.9 13.3

54 7.2 6.6 9.8

68 4.1 5.0 7.4#

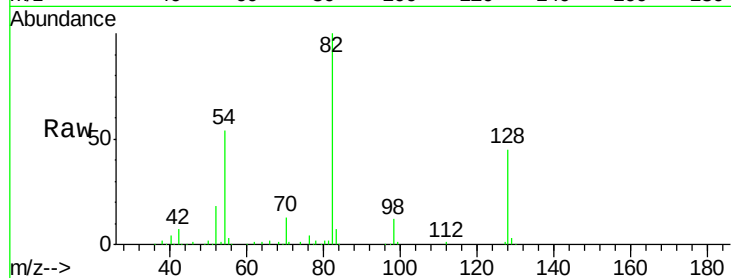




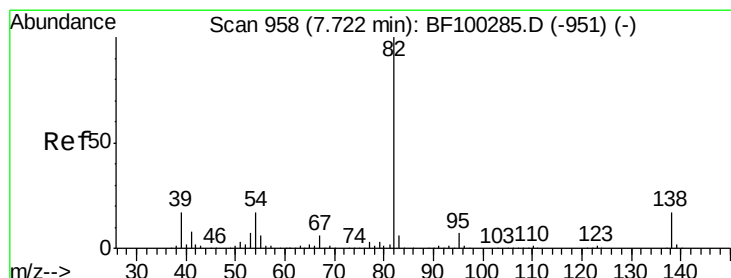
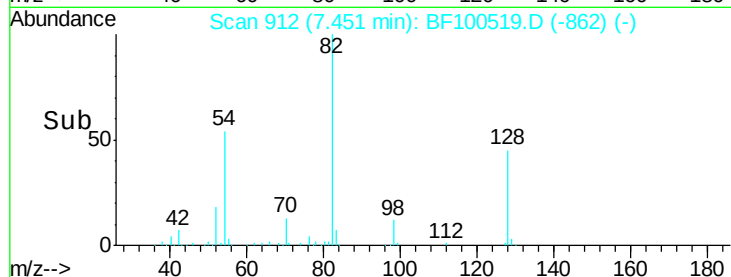
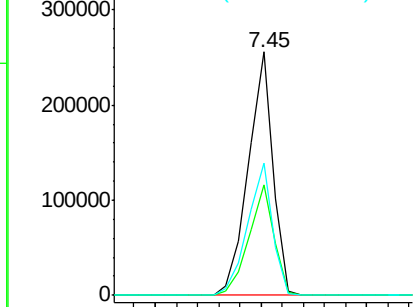
#23
 Nitrobenzene-d5
 Concen: 47.82 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF100519.D
 Acq: 13 Nov 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 3N-12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.3	41.4	62.2

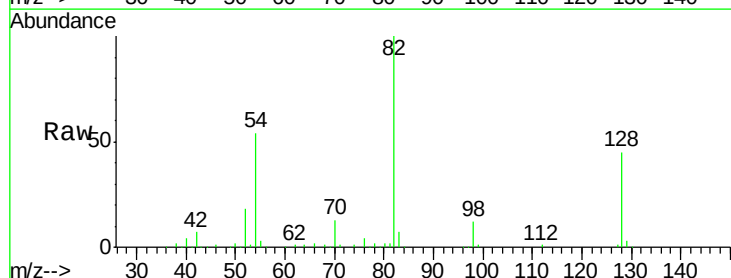


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

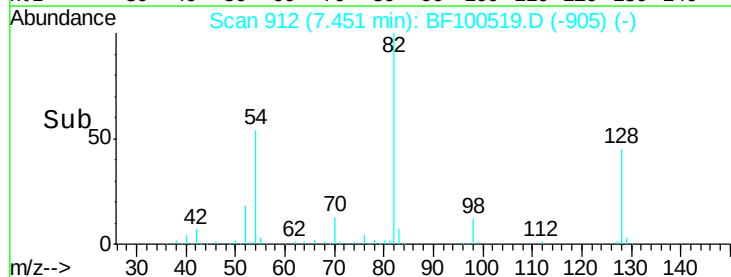
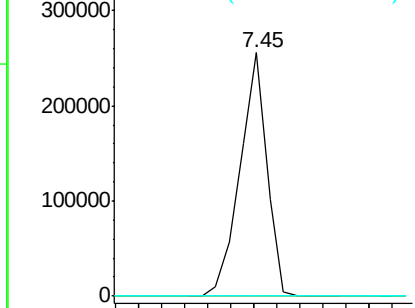


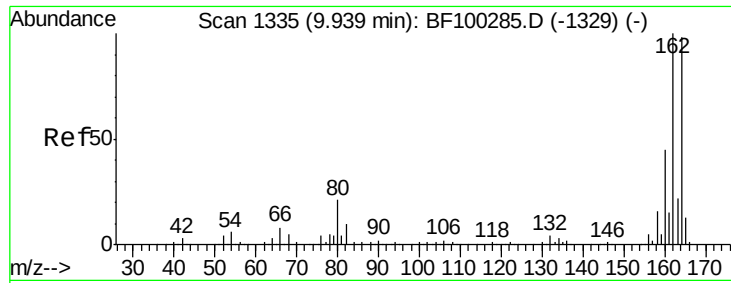
#25
 Isophorone
 Concen: 22.76 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF100519.D
 Acq: 13 Nov 2017 22:42

Tgt 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: 20.00 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

3N-12

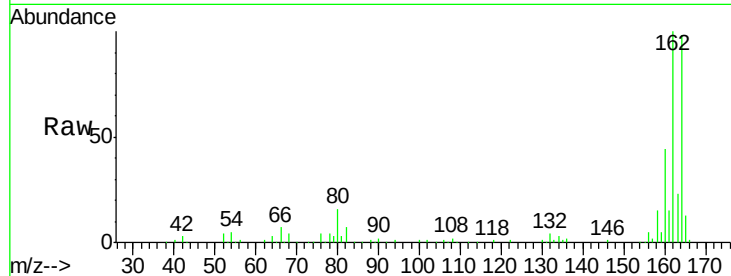
Tgt Ion:164 Resp: 117009

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

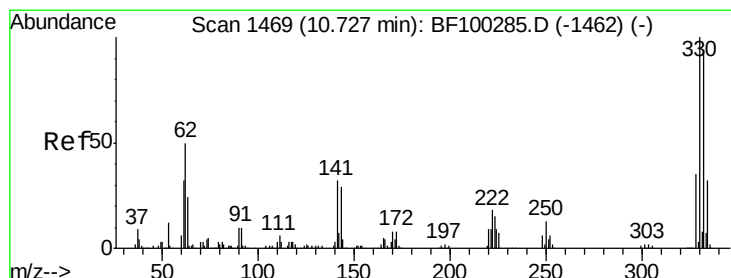
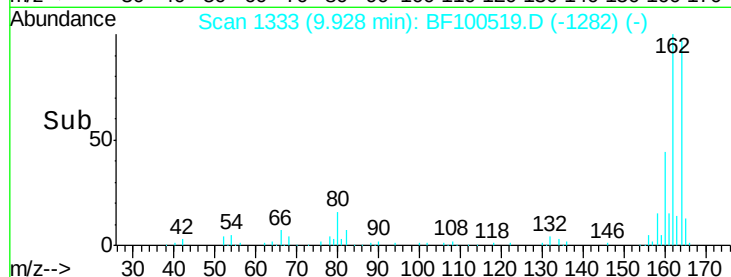
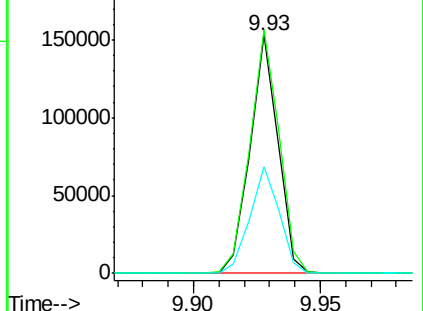
160 45.1 38.3 57.5



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: 60.92 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

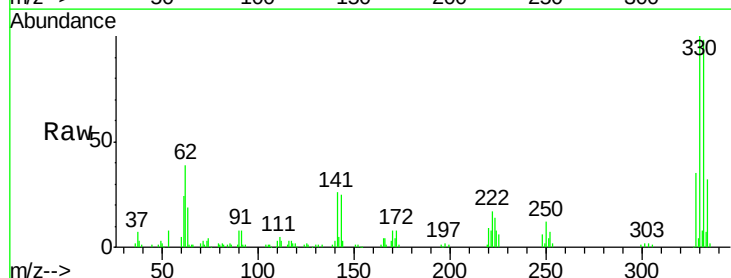
Tgt Ion:330 Resp: 72633

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

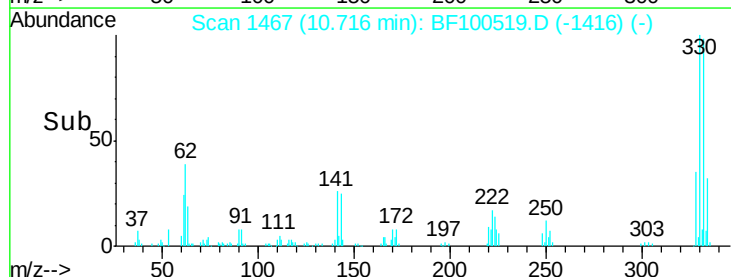
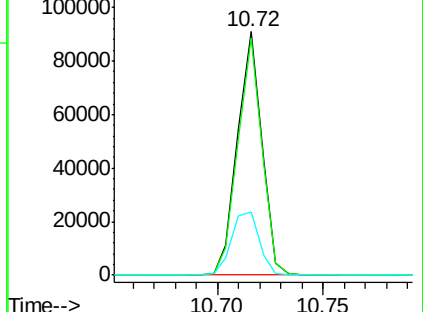
141 29.6 29.9 44.9#

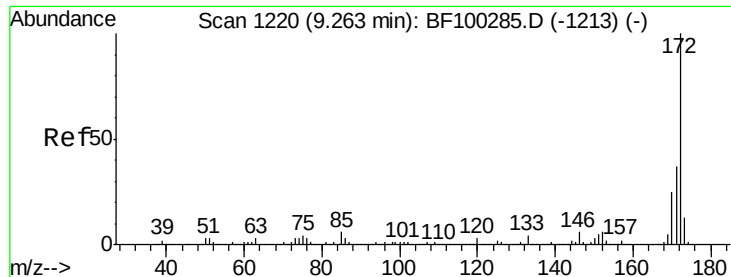


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

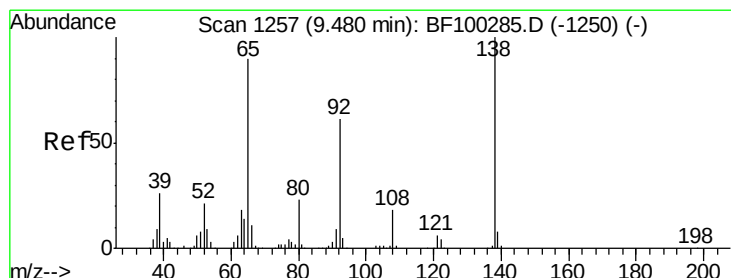
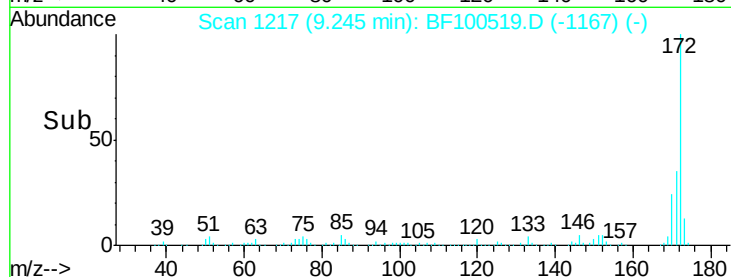
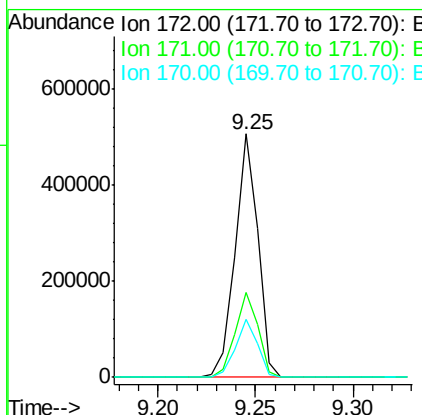
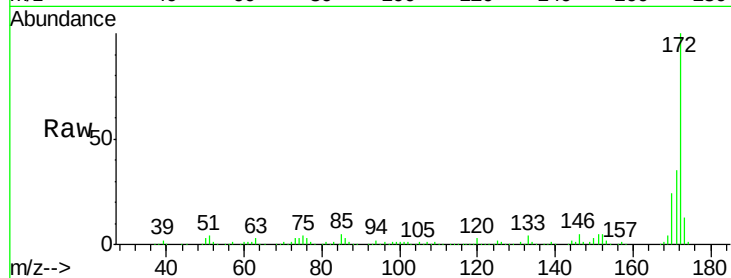




#44
 2-Fluorobiphenyl
 Concen: 53.03 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF100519.D
 Acq: 13 Nov 2017 22:42

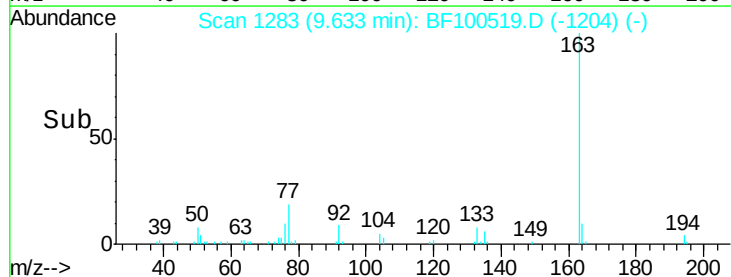
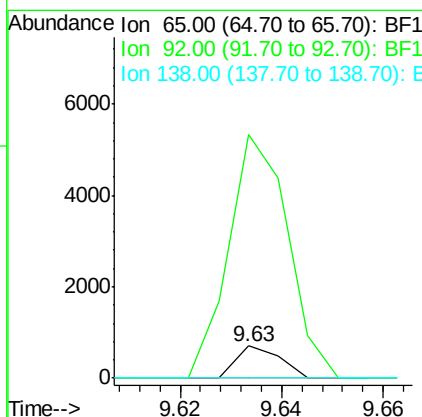
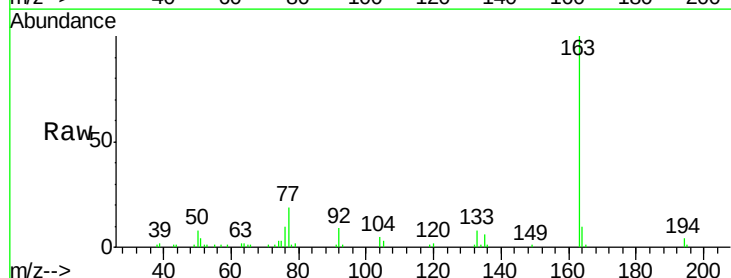
Instrument :
 BNA_F
 ClientSampleId :
 3N-12

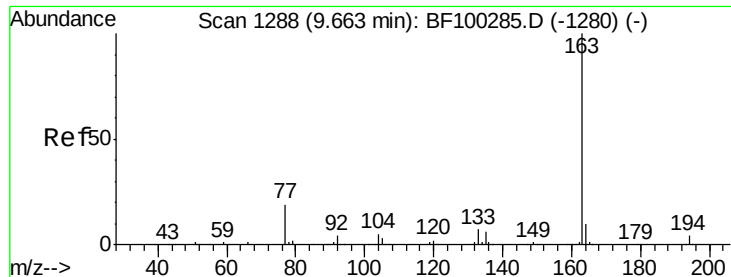
Tgt Ion: 172 Resp: 407531
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.6 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.97 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.16 min
 Lab File: BF100519.D
 Acq: 13 Nov 2017 22:42

Tgt Ion: 65 Resp: 421
 Ion Ratio Lower Upper
 65 100
 92 754.0 55.8 83.6#
 138 0.0 91.2 136.8#

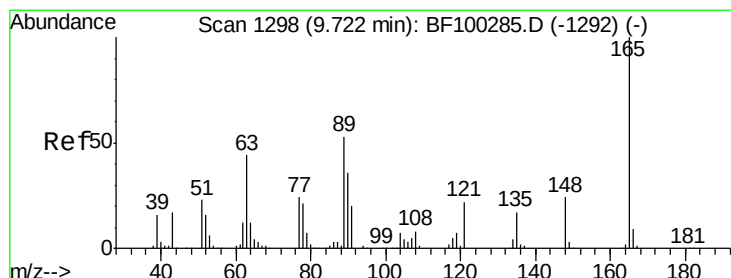
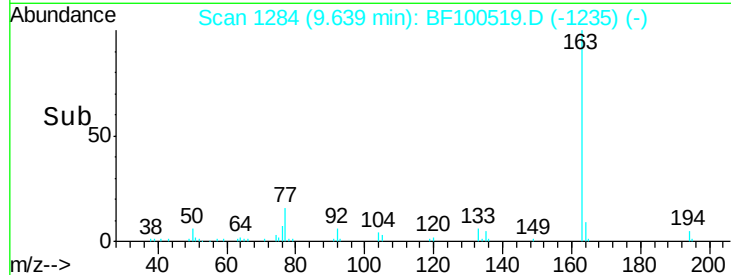
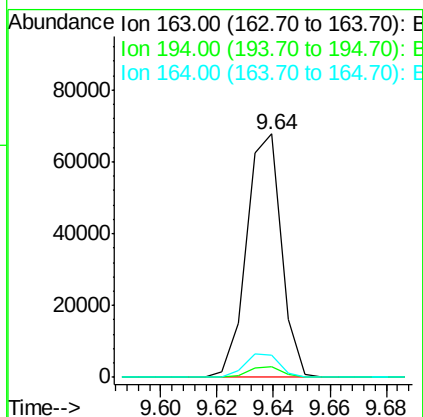
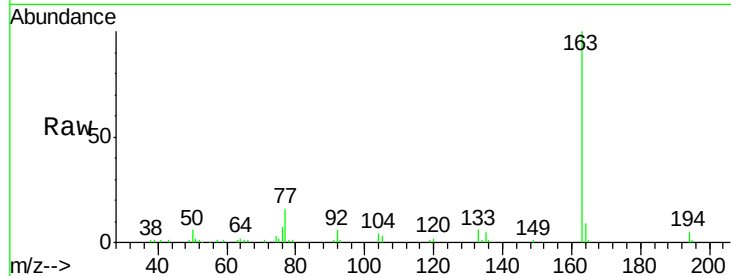




#49
Dimethylphthalate
Concen: 6.47 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

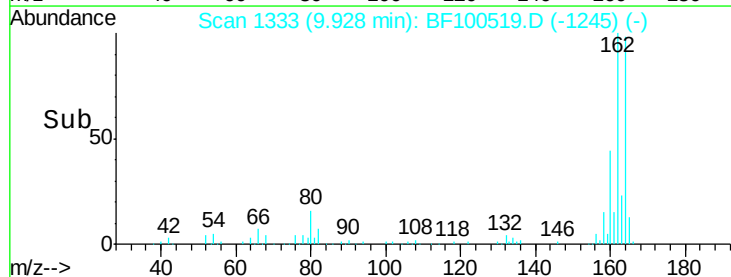
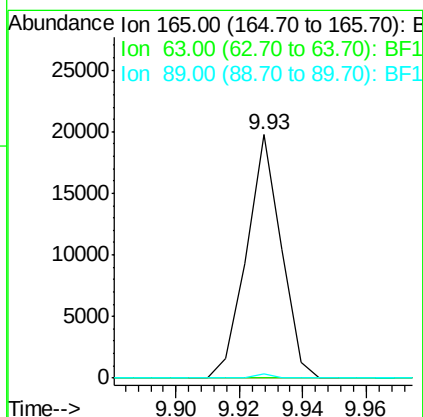
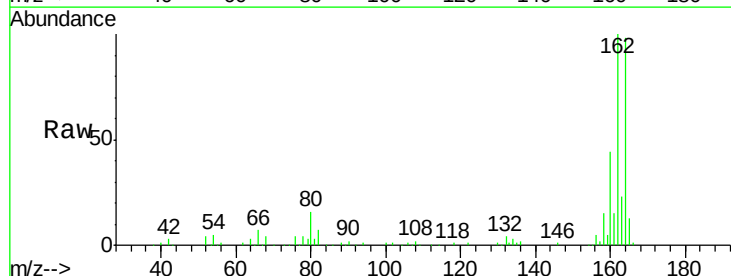
Instrument :
BNA_F
ClientSampleId :
3N-12

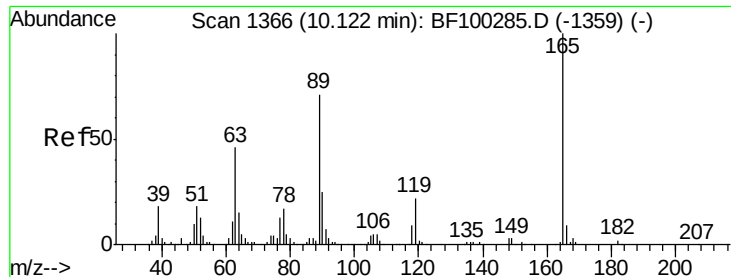
Tgt Ion:163 Resp: 57813
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 9.1 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

Tgt Ion:165 Resp: 14943
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.6 44.0 66.0#

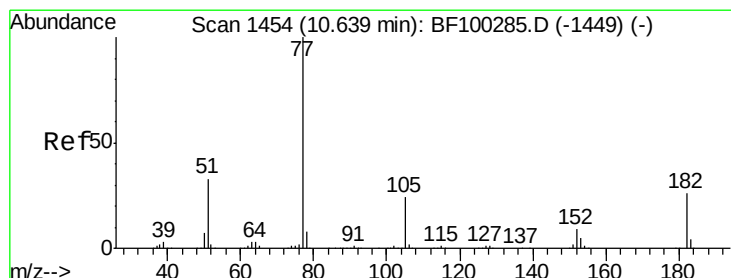
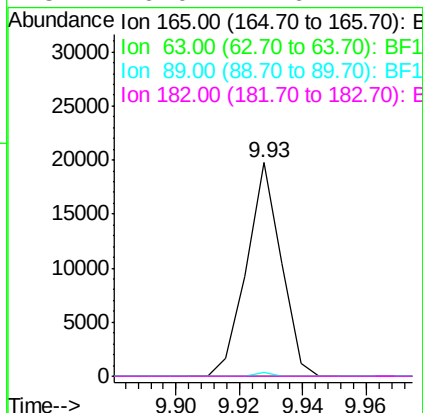
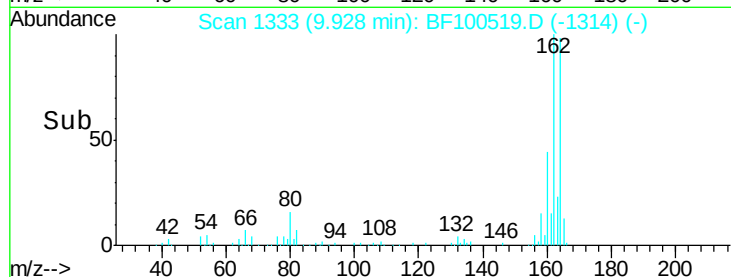
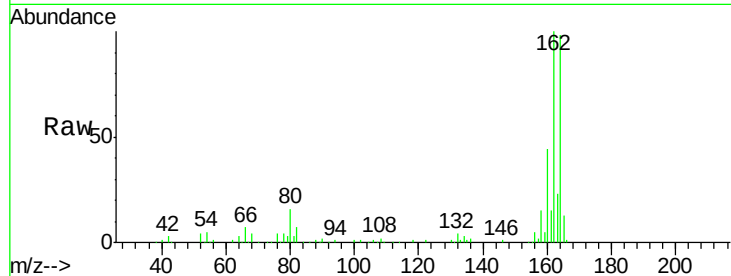




#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF100519.D
 Acq: 13 Nov 2017 22:42

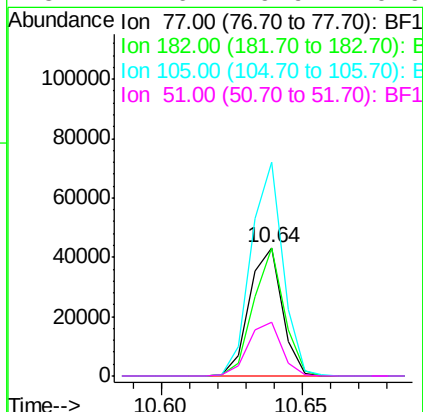
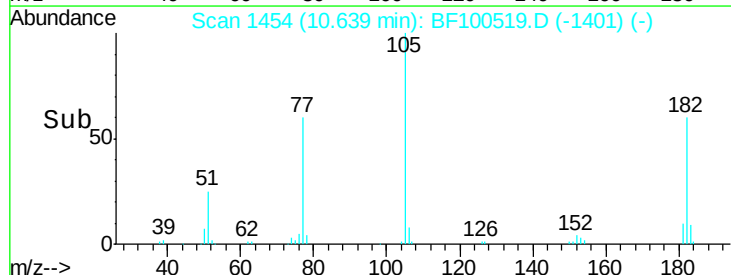
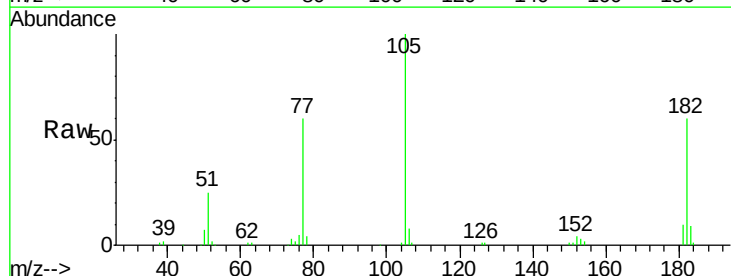
Instrument :
 BNA_F
 ClientSampleId :
 3N-12

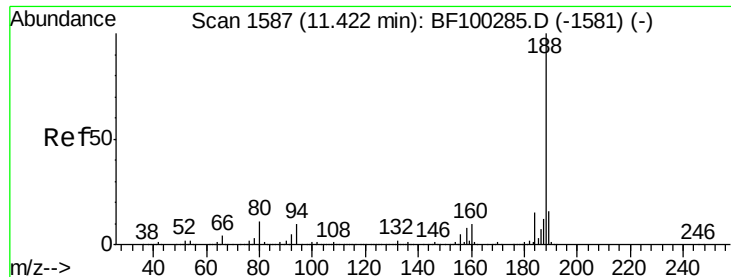
Tgt Ion:	165	Resp:	14943
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 4.13 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF100519.D
 Acq: 13 Nov 2017 22:42

Tgt Ion:	77	Resp:	34760
Ion	Ratio	Lower	Upper
77	100		
182	99.9	1.7	41.7#
105	166.8	3.0	43.0#
51	41.6	9.9	49.9

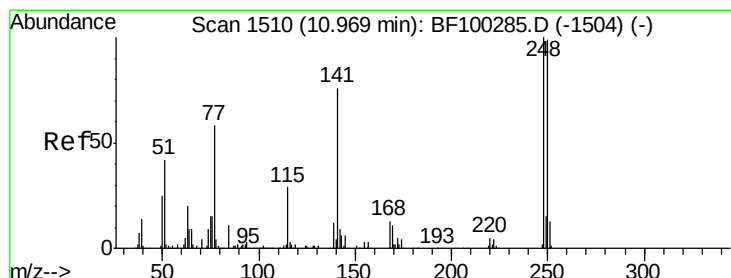
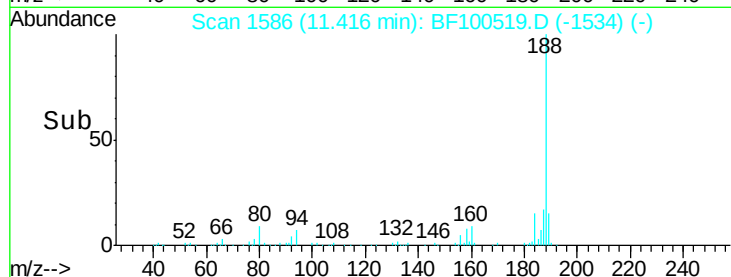
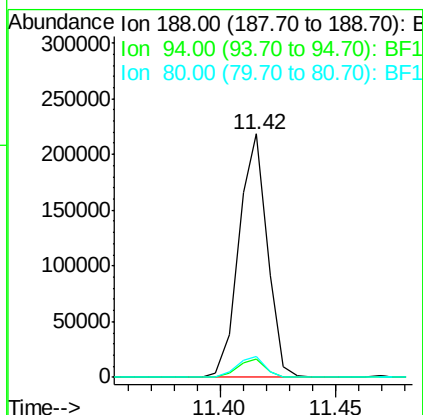
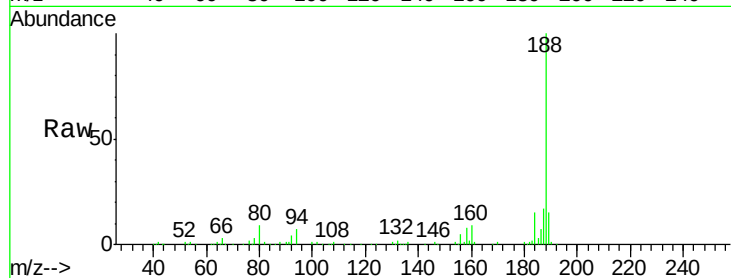




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

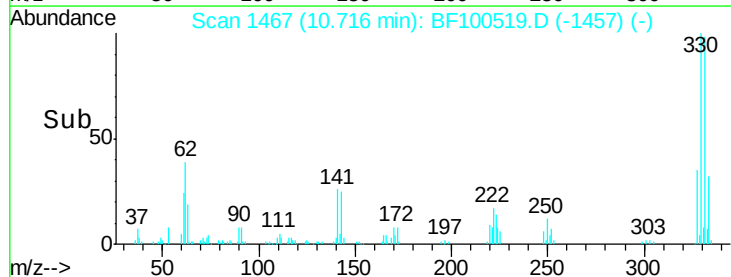
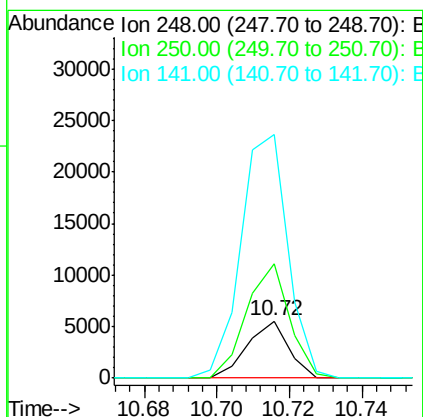
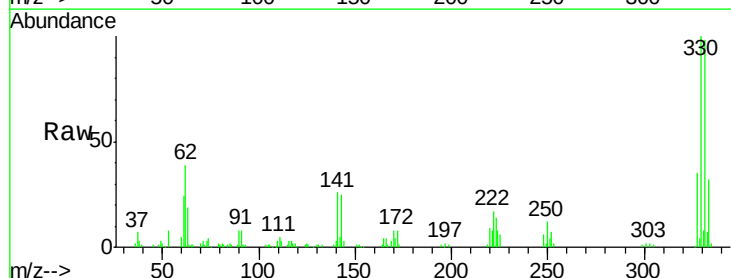
Instrument :
BNA_F
ClientSampleId :
3N-12

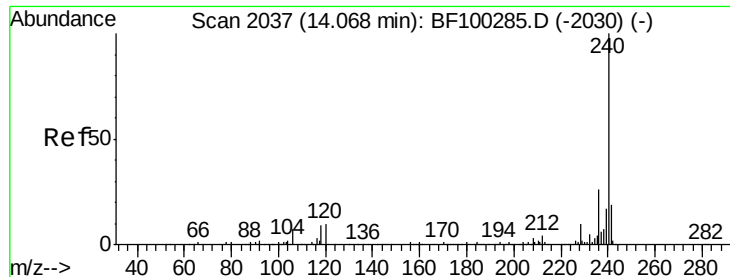
Tgt Ion:188 Resp: 185970
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.5 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.21 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

Tgt Ion:248 Resp: 4409
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 425.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

Instrument :

BNA_F

ClientSampleId :

3N-12

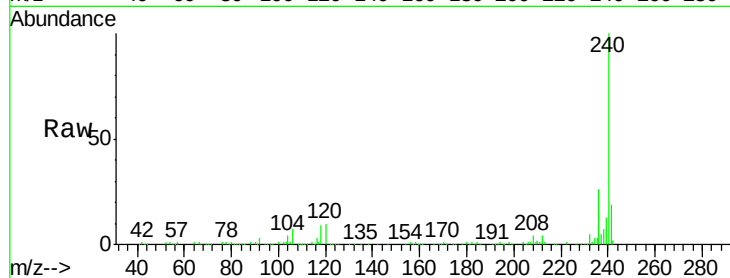
Tgt Ion:240 Resp: 165168

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

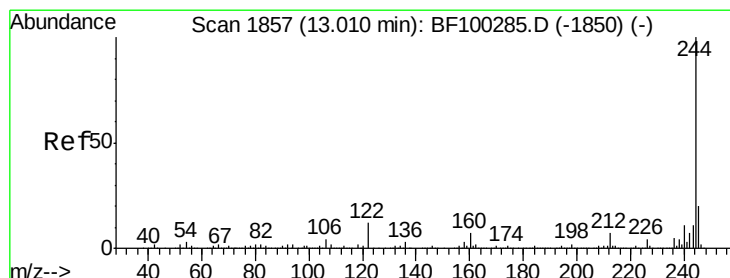
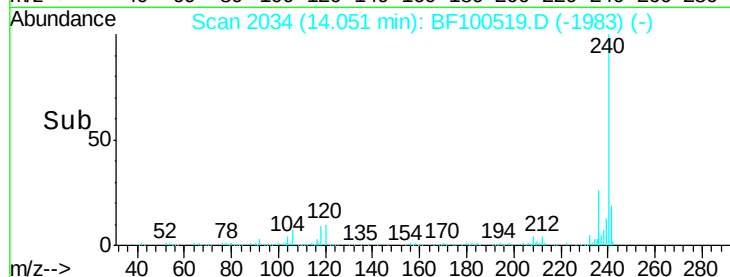
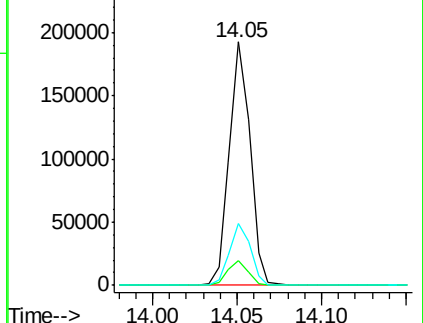
236 25.5 20.7 31.1



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: 36.73 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF100519.D

Acq: 13 Nov 2017 22:42

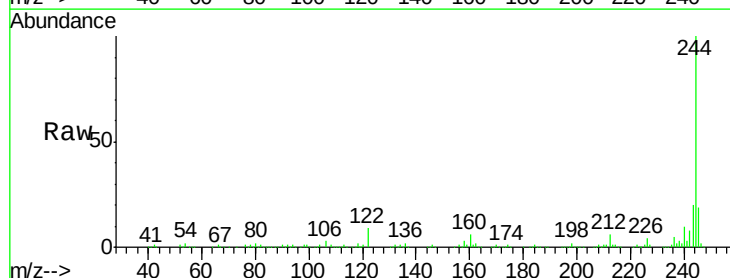
Tgt Ion:244 Resp: 264048

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

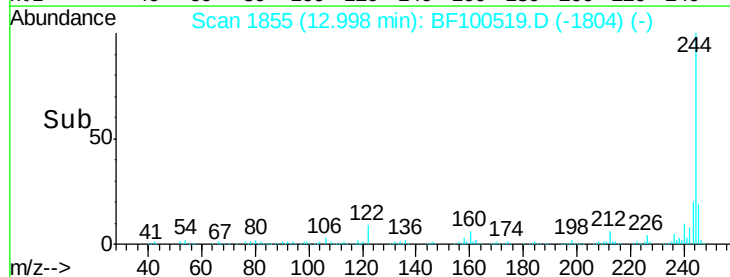
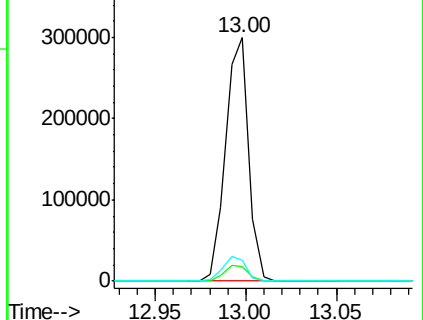
122 8.8 11.0 16.4

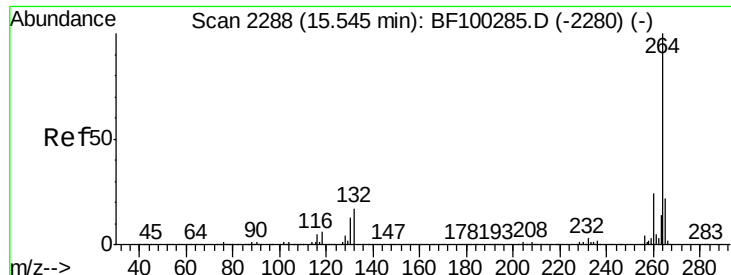


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

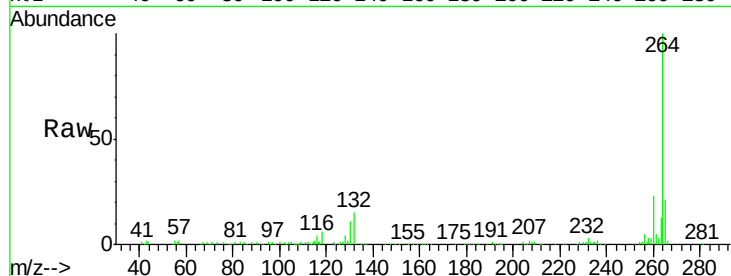




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF100519.D
Acq: 13 Nov 2017 22:42

Instrument :
BNA_F
ClientSampleId :
3N-12

Tgt Ion: 264 Resp: 116588
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 21.2 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

