

Data File : BF100550.D
Acq On : 14 Nov 2017 18:42
Operator : SJ/JU
Sample : I6388-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-10

Quant Time: Nov 15 00:54:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	137636	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	528521	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	214971	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	335463	20.00	ng	0.00
75) Chrysene-d12	14.04	240	286435	20.00	ng	0.00
86) Perylene-d12	15.52	264	204140	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	689600	80.31	ng	0.00
7) Phenol-d6	6.51	99	834979	78.86	ng	0.00
23) Nitrobenzene-d5	7.45	82	509150	63.69	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	152913	69.81	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	880074	62.34	ng	0.00
78) Terphenyl-d14	12.99	244	624479	50.09	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.52	94	38864	3.50	ng	94
19) n-Nitroso-di-n-propylamine	7.45	70	67068	9.13	ng	# 81
25) Isophorone	7.45	82	509141	30.31	ng	# 64
47) 2-Nitroaniline	9.35	65	266	2.85	ng	# 24
49) Dimethylphthalate	9.63	163	125782	7.66	ng	99
56) 2,4-Dinitrotoluene	9.92	165	26674	6.51	ng	# 23
62) Azobenzene	10.63	77	79177	5.12	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	351	8.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	10071	2.80	ng	# 1

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

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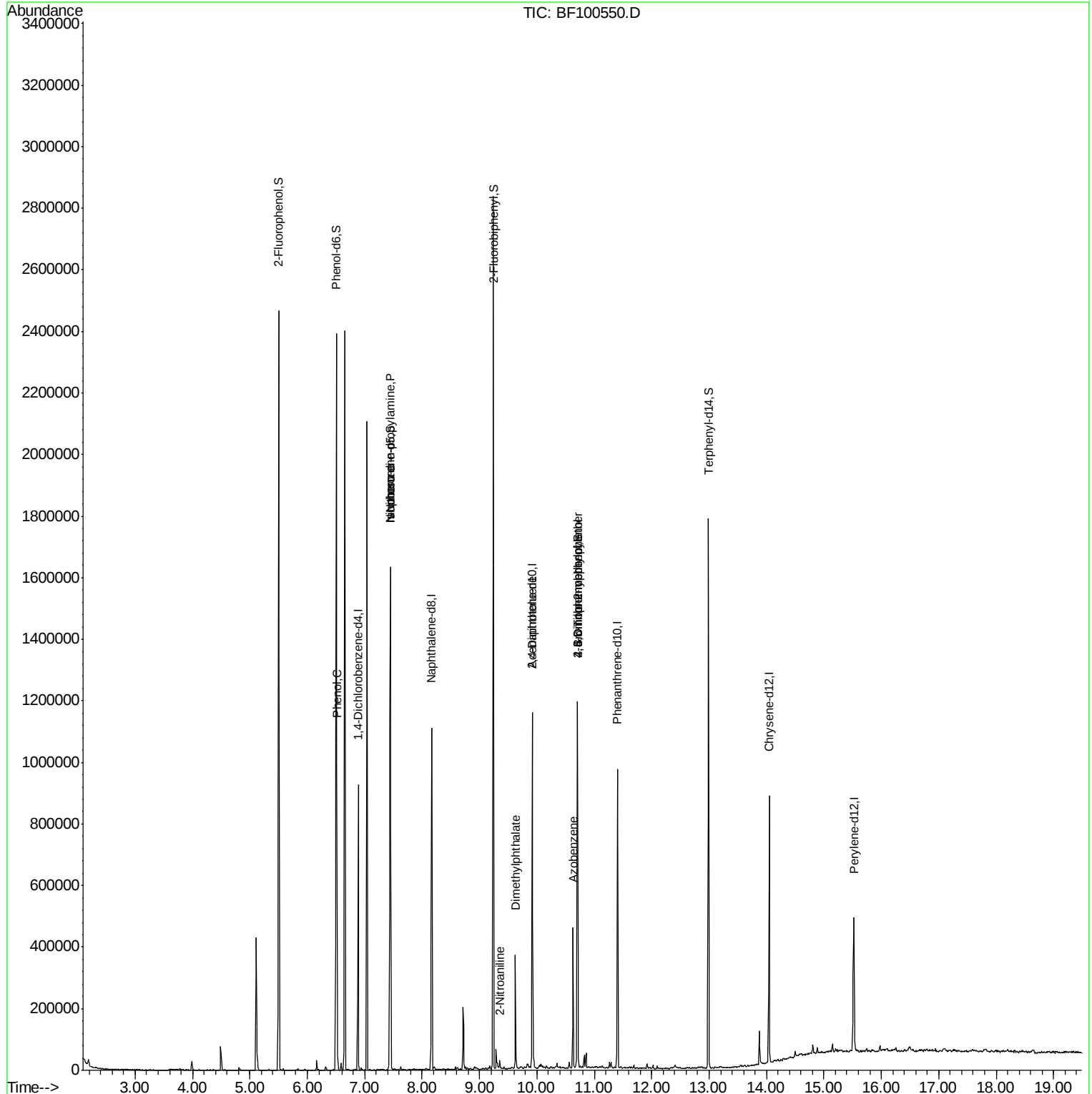
Quant Time: Nov 15 00:54:42 2017

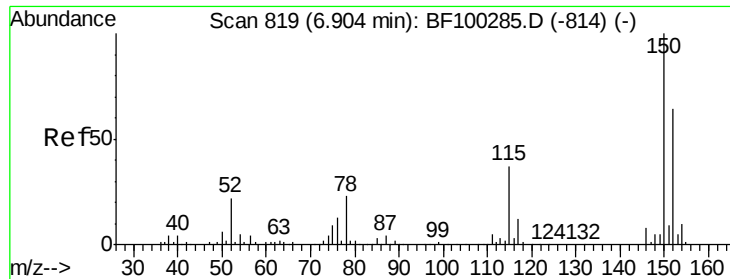
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M

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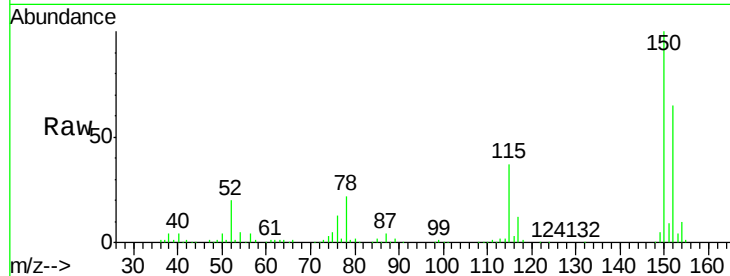


#1

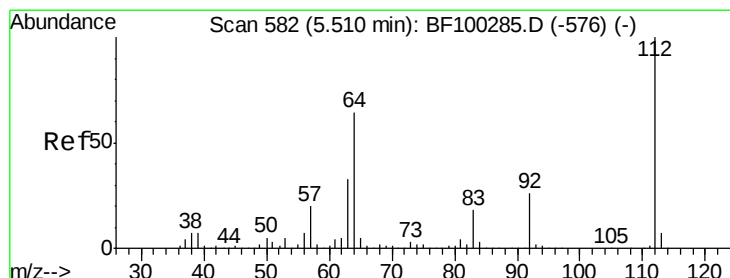
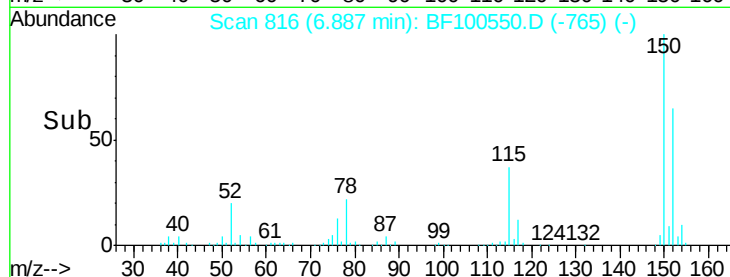
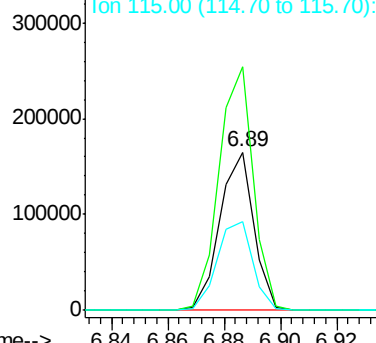
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Instrument :
BNA_F
ClientSampleId :
3N-10

Tgt Ion:152 Resp: 137636
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 56.3 50.1 75.1



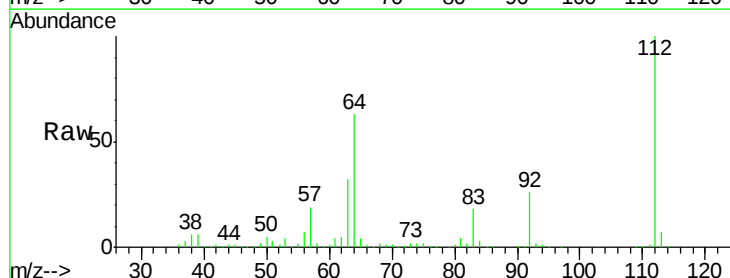
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



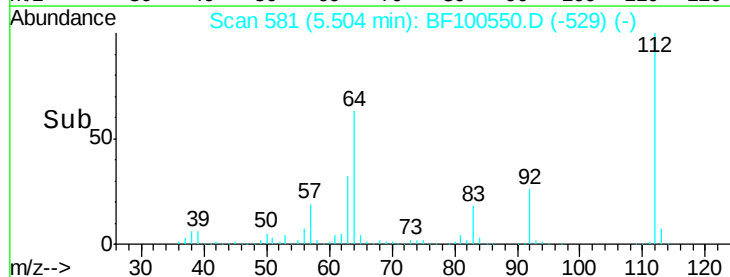
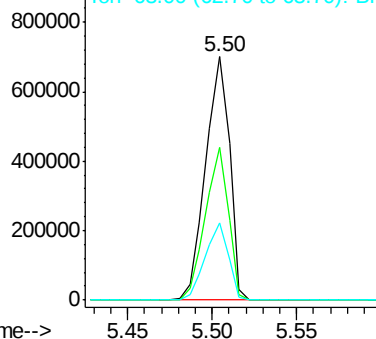
#5

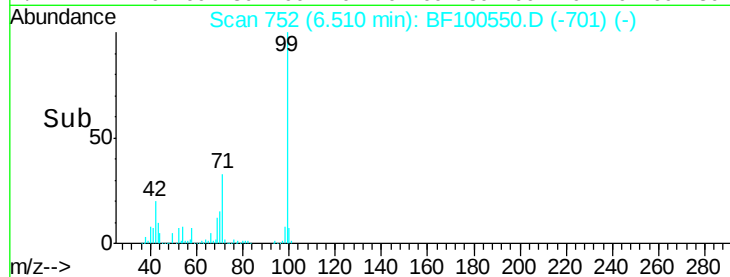
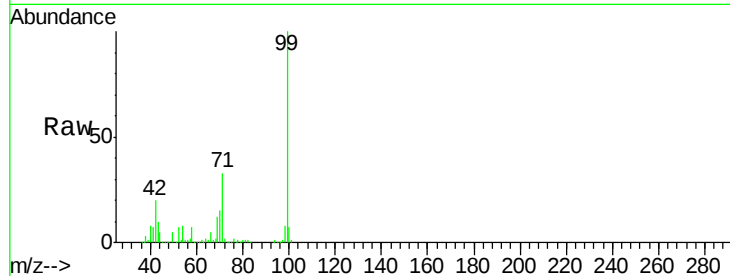
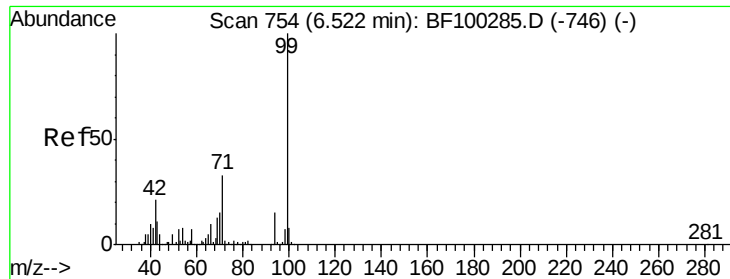
2-Fluorophenol
Concen: 80.31 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Tgt Ion:112 Resp: 689600
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 31.5 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: 78.86 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

Instrument :

BNA_F

ClientSampleId :

3N-10

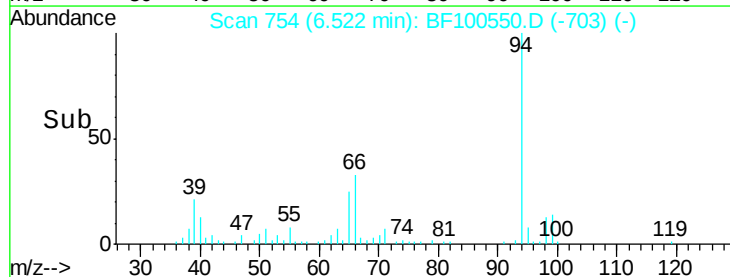
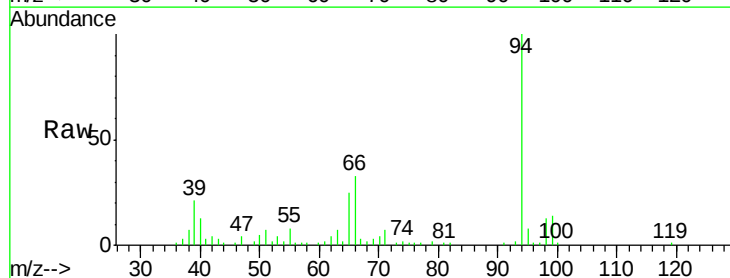
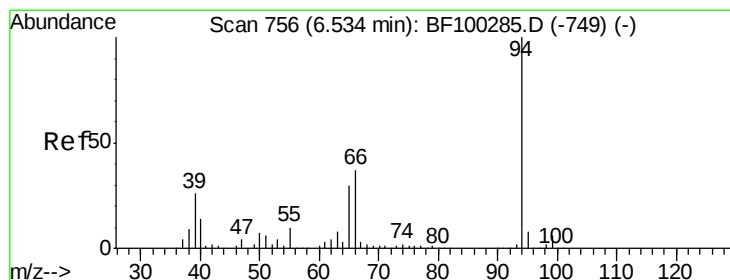
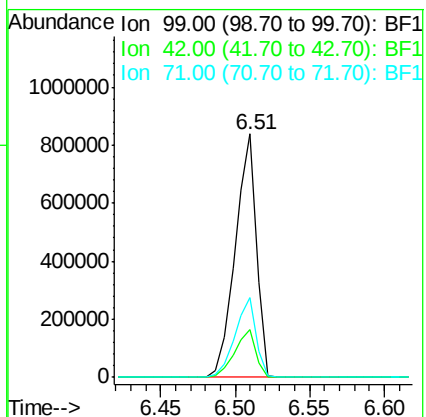
Tgt Ion: 99 Resp: 834979

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.8 25.4 38.0



#10

Phenol

Concen: 3.50 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

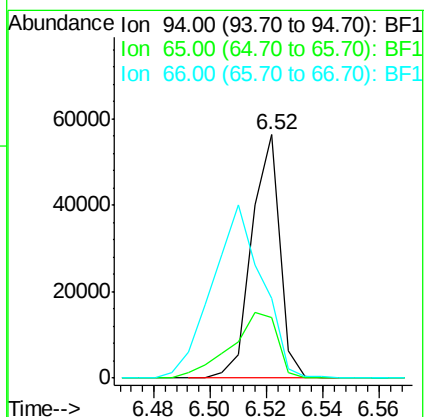
Tgt Ion: 94 Resp: 38864

Ion Ratio Lower Upper

94 100

65 24.8 7.9 47.9

66 32.9 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.13 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

Instrument :

BNA_F

ClientSampleId :

3N-10

Tgt Ion: 70 Resp: 67068

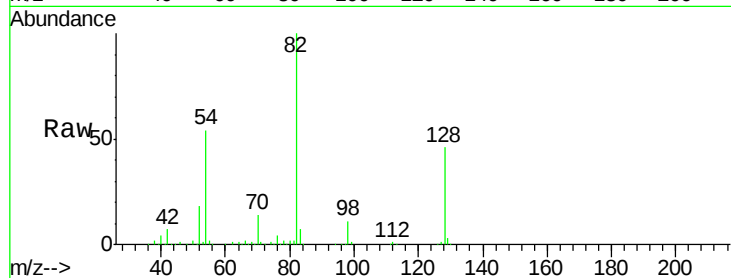
Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

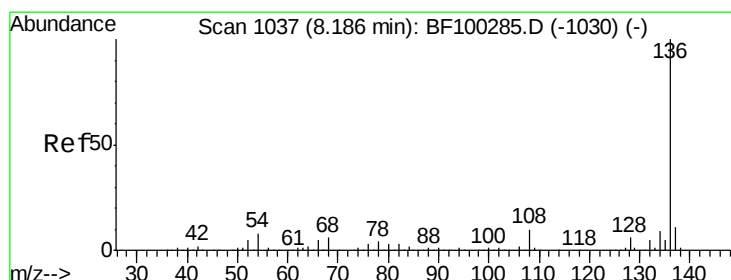
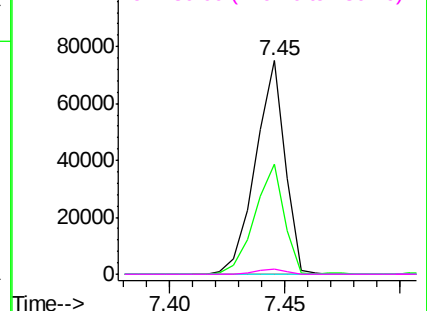
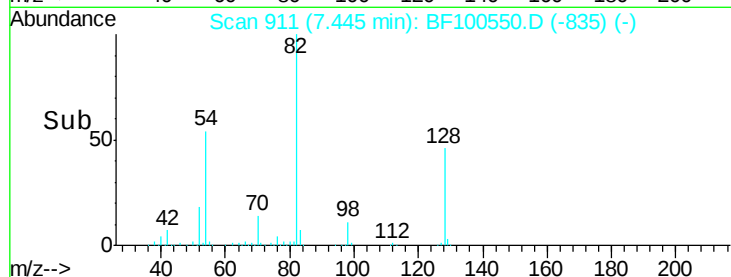


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

Tgt Ion: 136 Resp: 528521

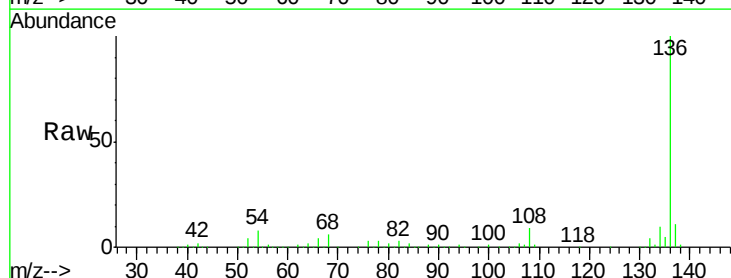
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 5.7 5.0 7.4

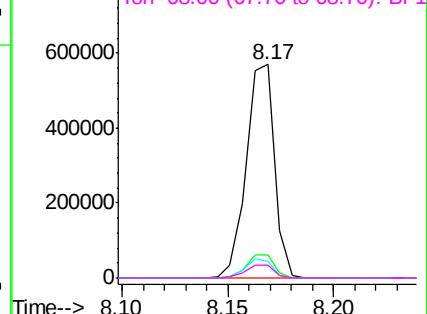
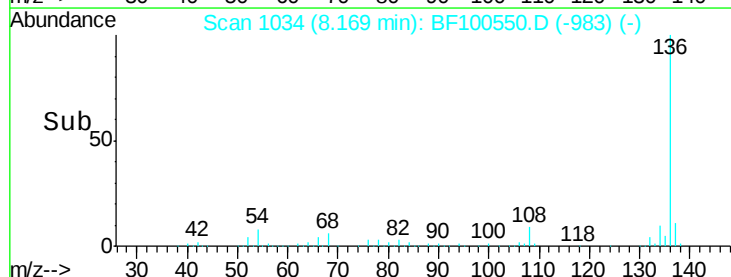


Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

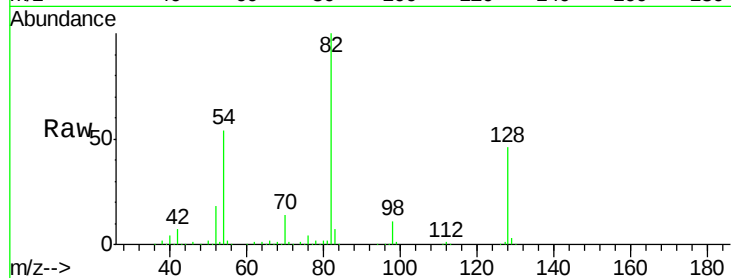




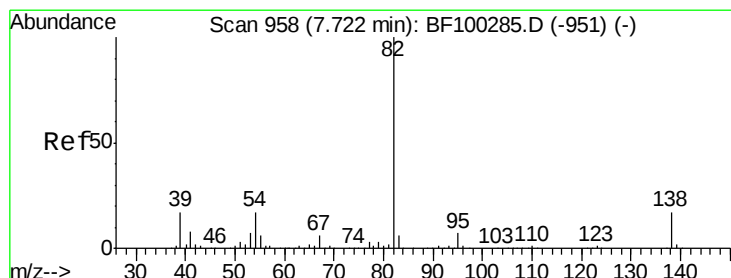
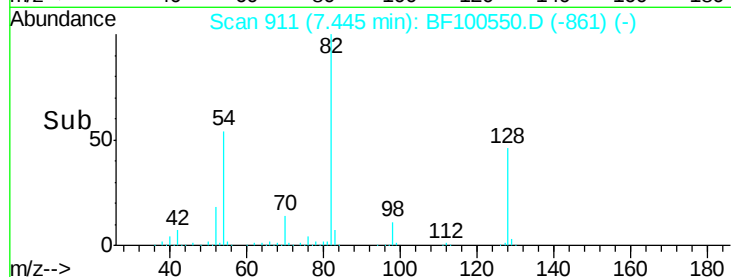
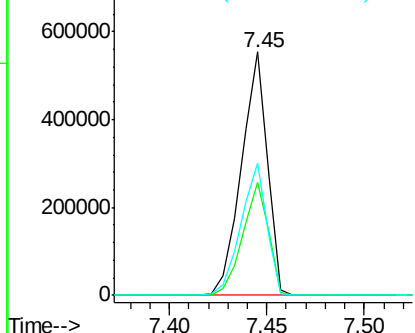
#23
Nitrobenzene-d5
Concen: 63.69 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Instrument :
BNA_F
ClientSampleId :
3N-10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.2	41.4	62.2

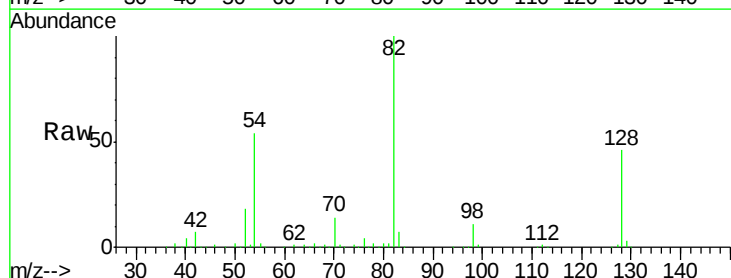


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

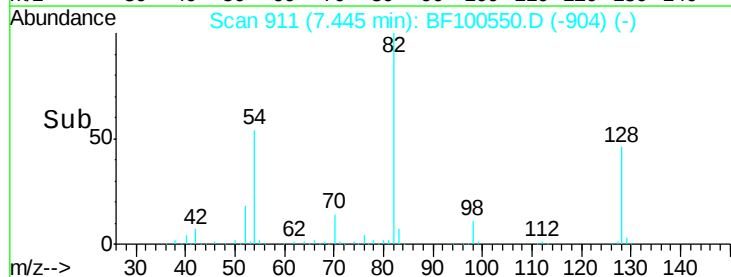
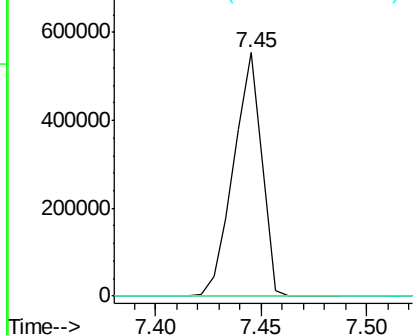


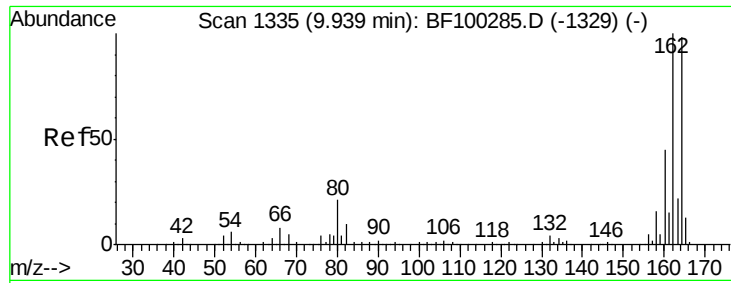
#25
Isophorone
Concen: 30.31 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

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

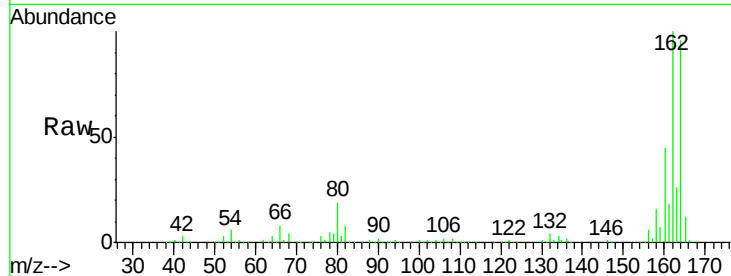




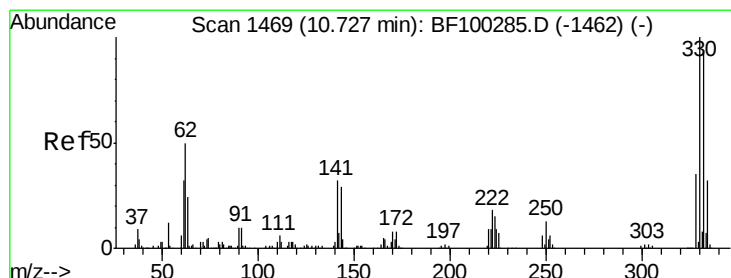
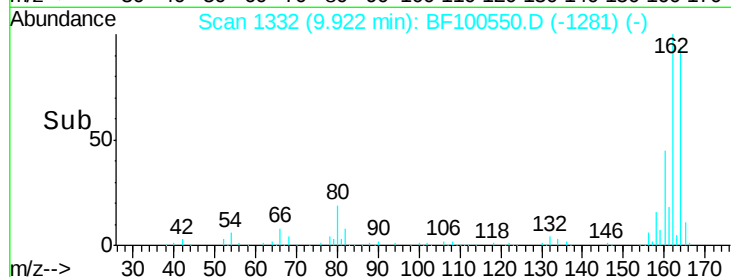
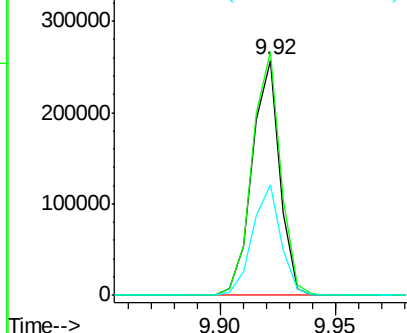
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF100550.D
 Acq: 14 Nov 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 3N-10

Tgt Ion:164 Resp: 214971
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 47.0 38.3 57.5

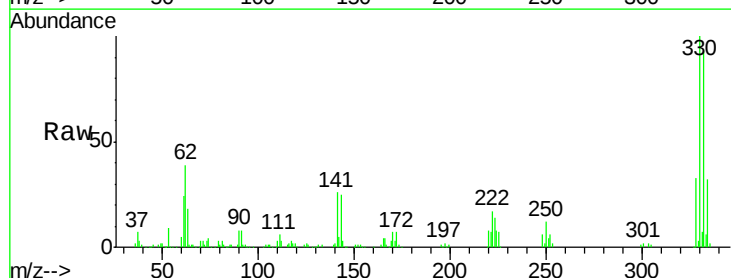


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

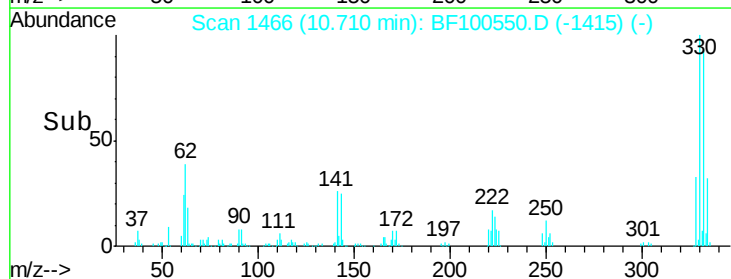
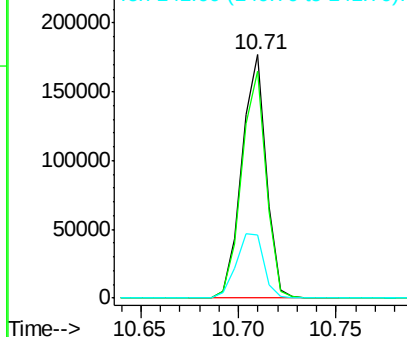


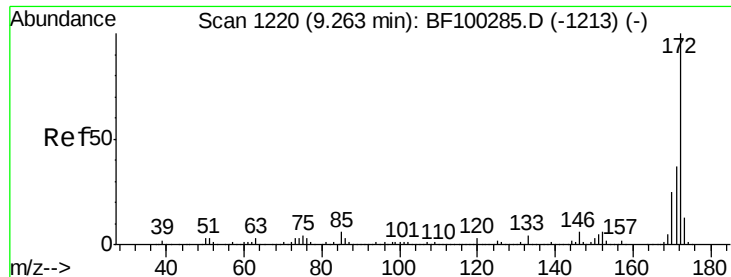
#41
 2,4,6-Tribromophenol
 Concen: 69.81 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100550.D
 Acq: 14 Nov 2017 18:42

Tgt Ion:330 Resp: 152913
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 30.0 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

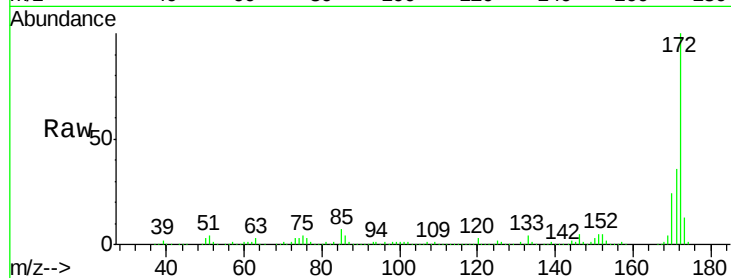




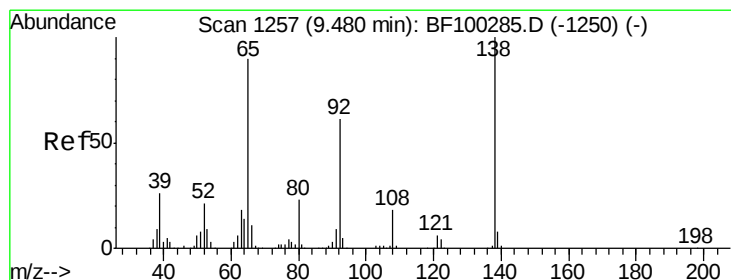
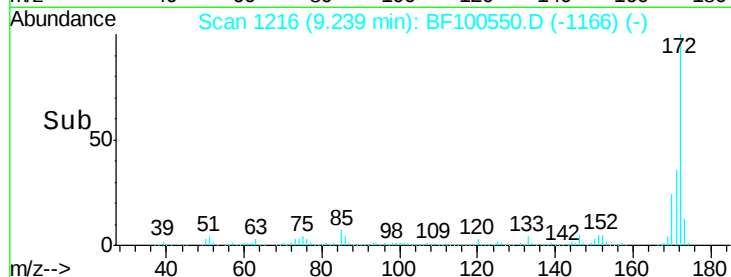
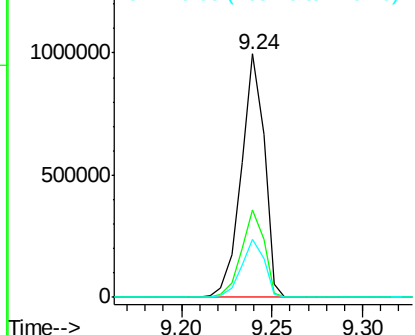
#44
2-Fluorobiphenyl
Concen: 62.34 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Instrument :
BNA_F
ClientSampleId :
3N-10

Tgt Ion: 172 Resp: 880074
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.7 19.6 29.4

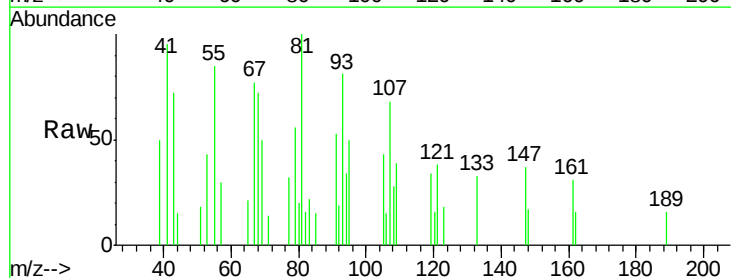


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

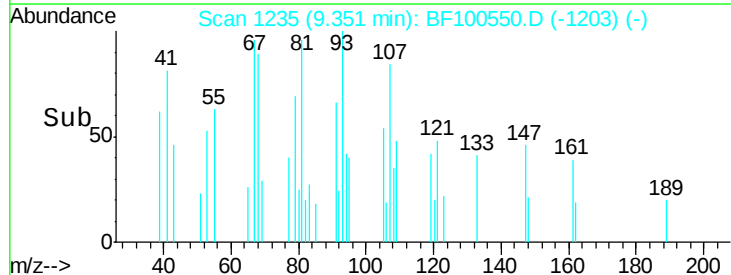
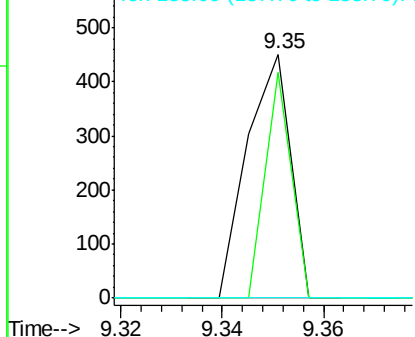


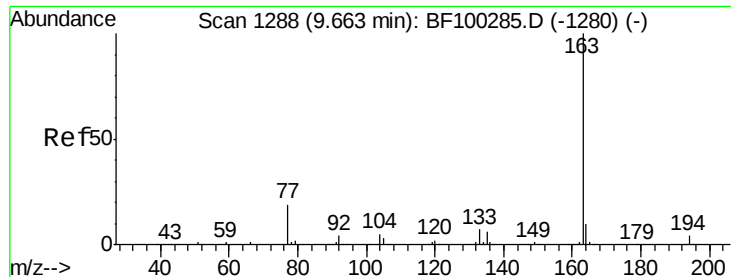
#47
2-Nitroaniline
Concen: 2.85 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.11 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Tgt Ion: 65 Resp: 266
Ion Ratio Lower Upper
65 100
92 92.5 55.8 83.6#
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

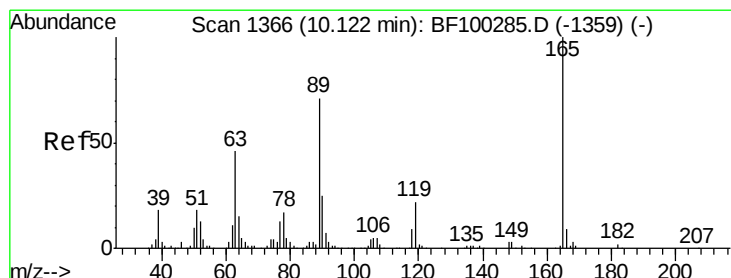
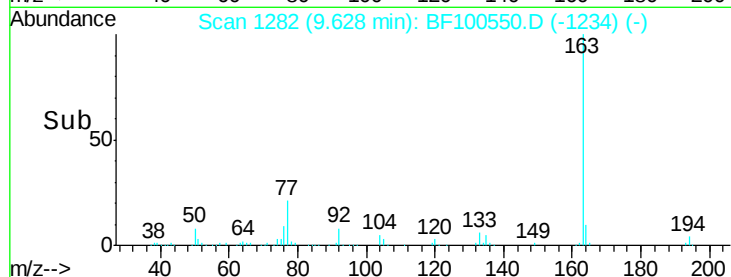
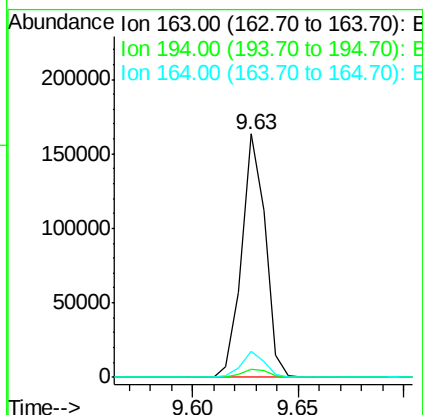
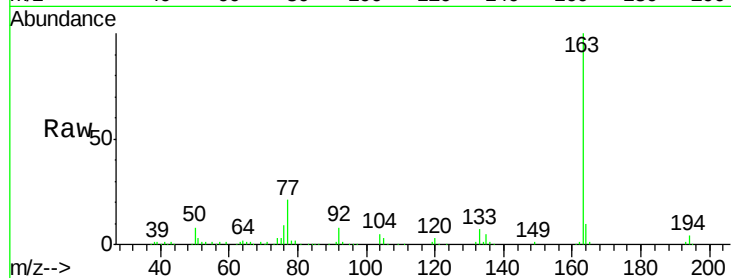




#49
Dimethylphthalate
Concen: 7.66 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

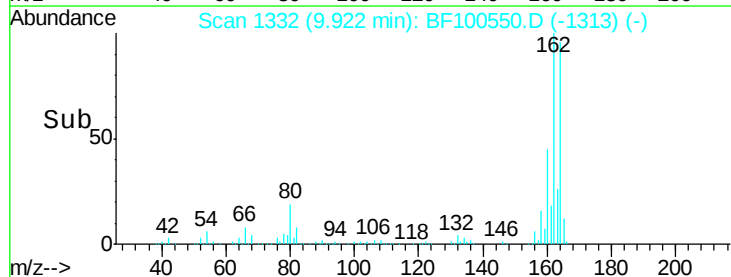
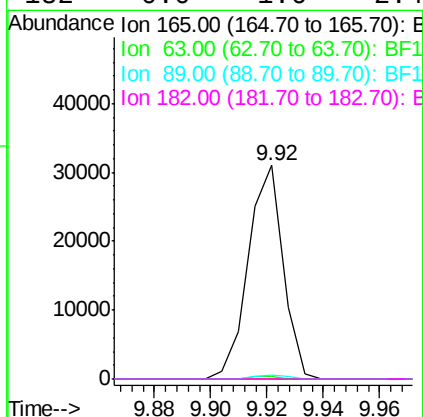
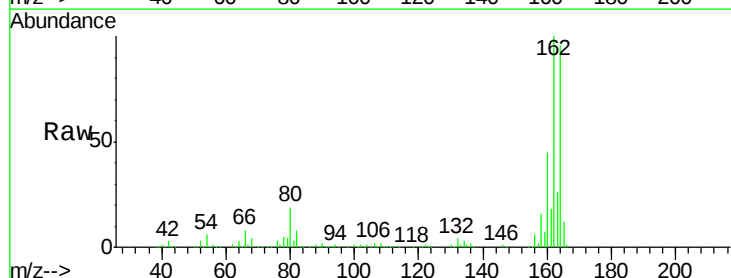
Instrument :
BNA_F
ClientSampleId :
3N-10

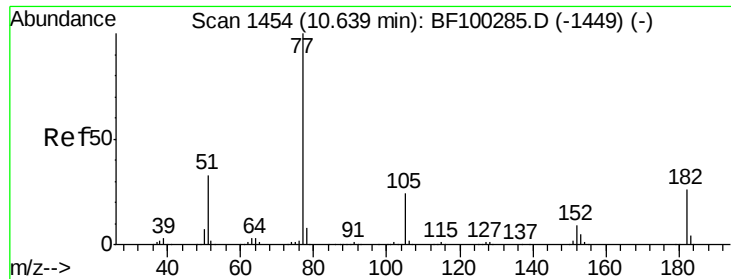
Tgt Ion:163 Resp: 125782
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Tgt Ion:165 Resp: 26674
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.7 57.8 86.6#
182 0.0 1.6 2.4#





#62

Azobenzene

Concen: 5.12 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

Instrument :

BNA_F

ClientSampled :

3N-10

Tgt Ion: 77 Resp: 79177

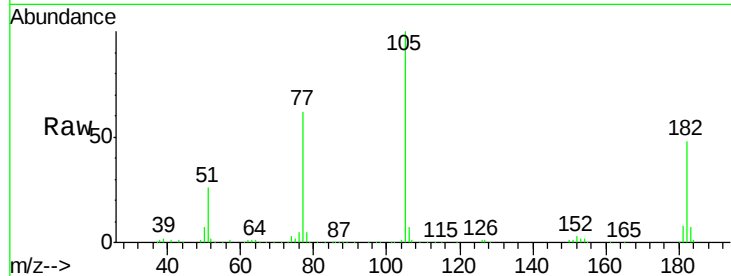
Ion Ratio Lower Upper

77 100

182 77.9 1.7 41.7#

105 161.5 3.0 43.0#

51 42.6 9.9 49.9

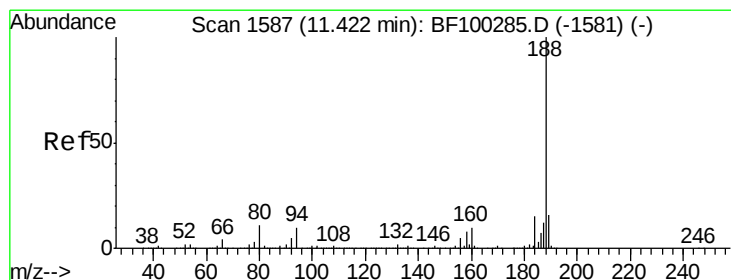
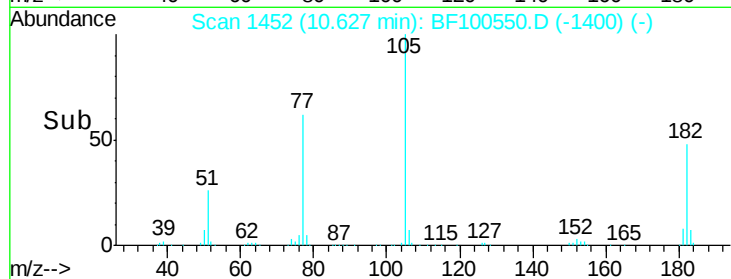
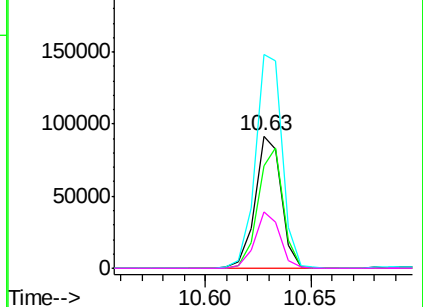


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

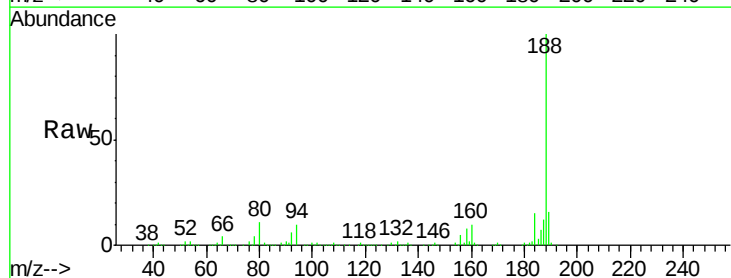
Tgt Ion: 188 Resp: 335463

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

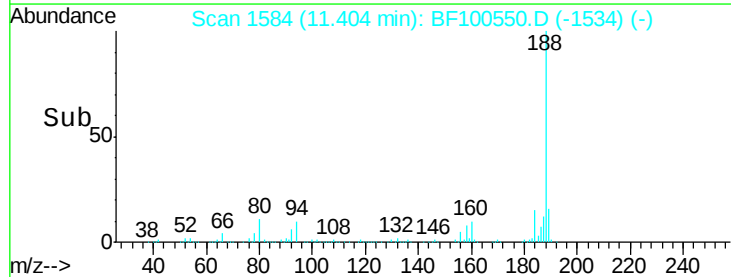
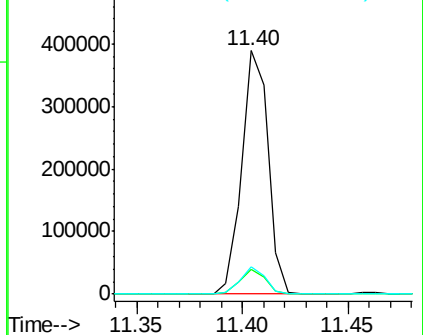
80 11.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

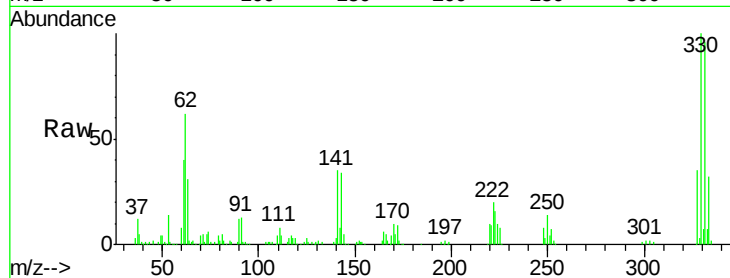




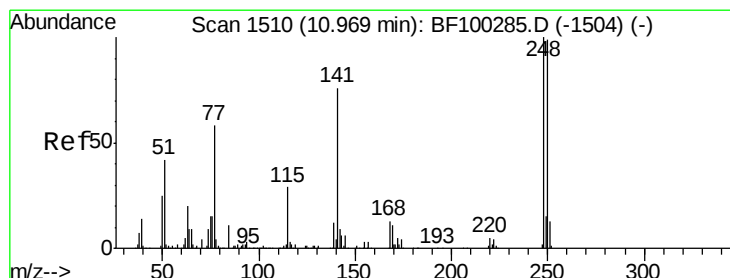
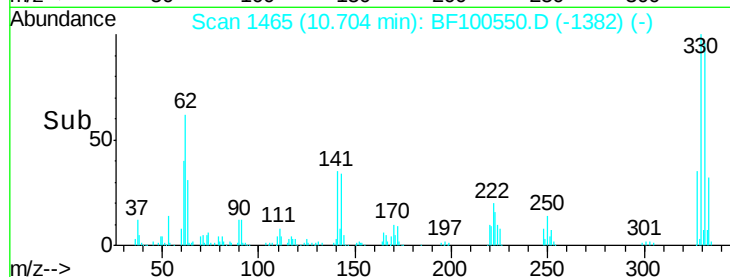
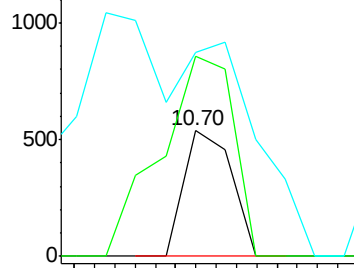
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.74 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.19 min
 Lab File: BF100550.D
 Acq: 14 Nov 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 3N-10

Tgt Ion:198 Resp: 351
 Ion Ratio Lower Upper
 198 100
 51 159.6 37.7 77.7#
 105 162.2 36.3 76.3#

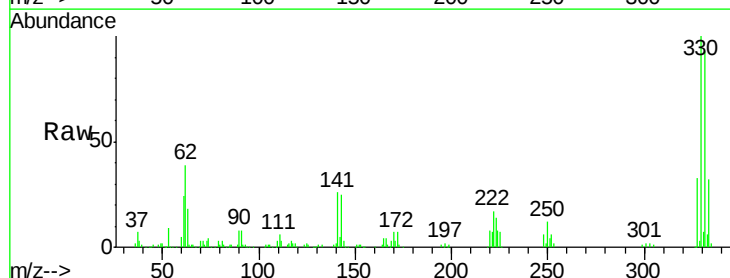


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

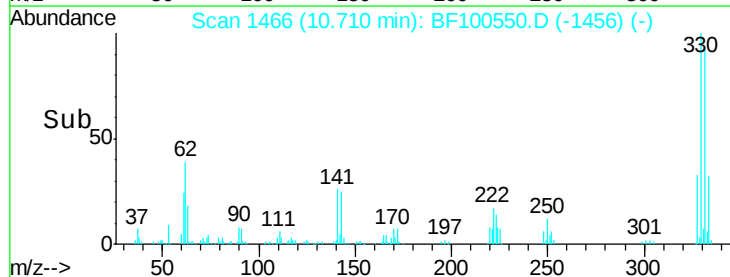
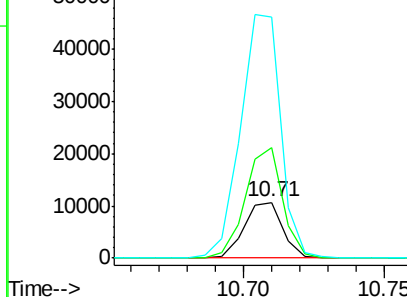


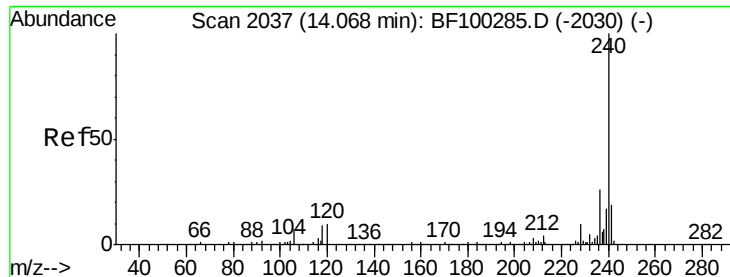
#66
 4-Bromophenyl-phenylether
 Concen: 2.80 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.24 min
 Lab File: BF100550.D
 Acq: 14 Nov 2017 18:42

Tgt Ion:248 Resp: 10071
 Ion Ratio Lower Upper
 248 100
 250 198.9 76.9 115.3#
 141 432.4 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: 20.00 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

Instrument :

BNA_F

ClientSampleId :

3N-10

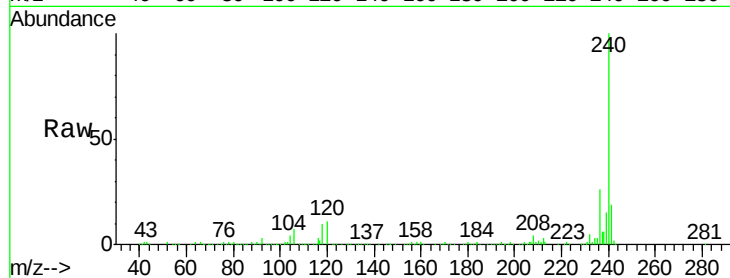
Tgt Ion:240 Resp: 286435

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

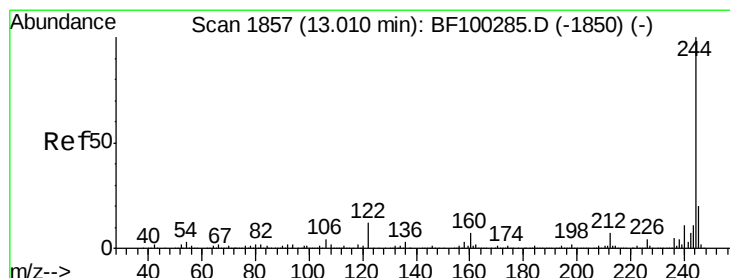
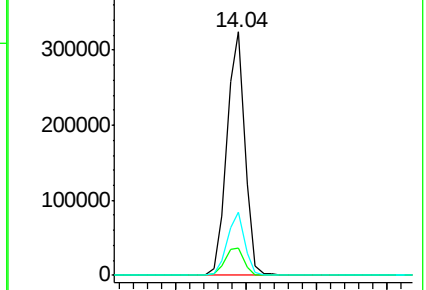
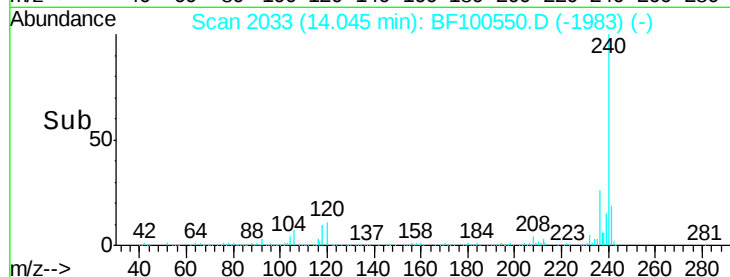
236 25.8 20.7 31.1



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: 50.09 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF100550.D

Acq: 14 Nov 2017 18:42

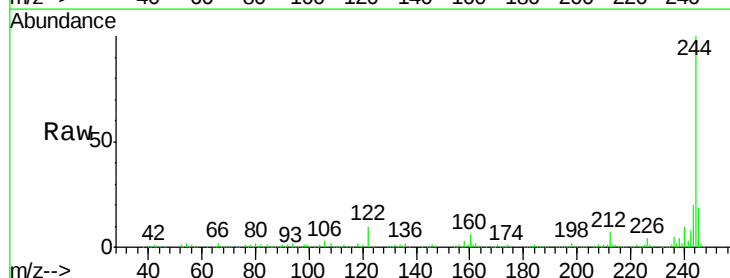
Tgt Ion:244 Resp: 624479

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

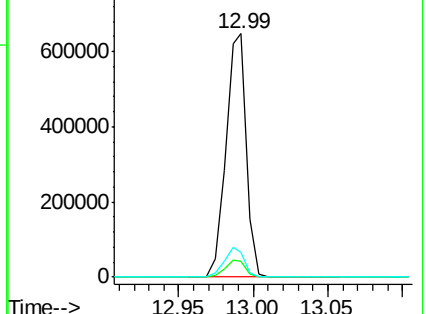
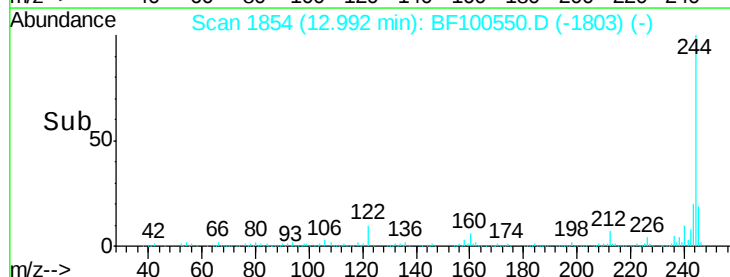
122 10.2 11.0 16.4#

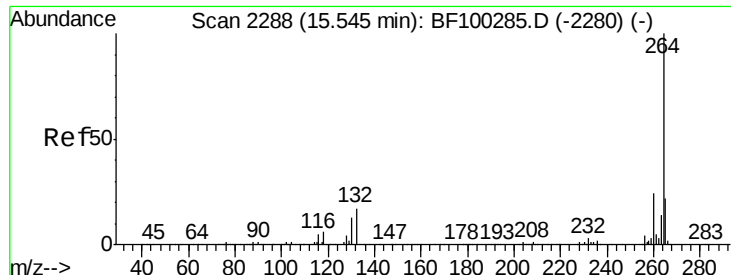


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BF100550.D
Acq: 14 Nov 2017 18:42

Instrument :
BNA_F
ClientSampleId :
3N-10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

