

Data File : BF100547.D
Acq On : 14 Nov 2017 17:21
Operator : SJ/JU
Sample : I6389-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-17

Quant Time: Nov 15 00:53:20 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	144630	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	535474	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	206818	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	329936	20.00	ng	0.00
75) Chrysene-d12	14.04	240	294844	20.00	ng	0.00
86) Perylene-d12	15.52	264	214127	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	729022	80.80	ng	0.00
7) Phenol-d6	6.51	99	887190	79.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	533149	65.83	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	150485	71.41	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	863086	63.55	ng	0.00
78) Terphenyl-d14	12.99	244	564437	43.99	ng	0.00

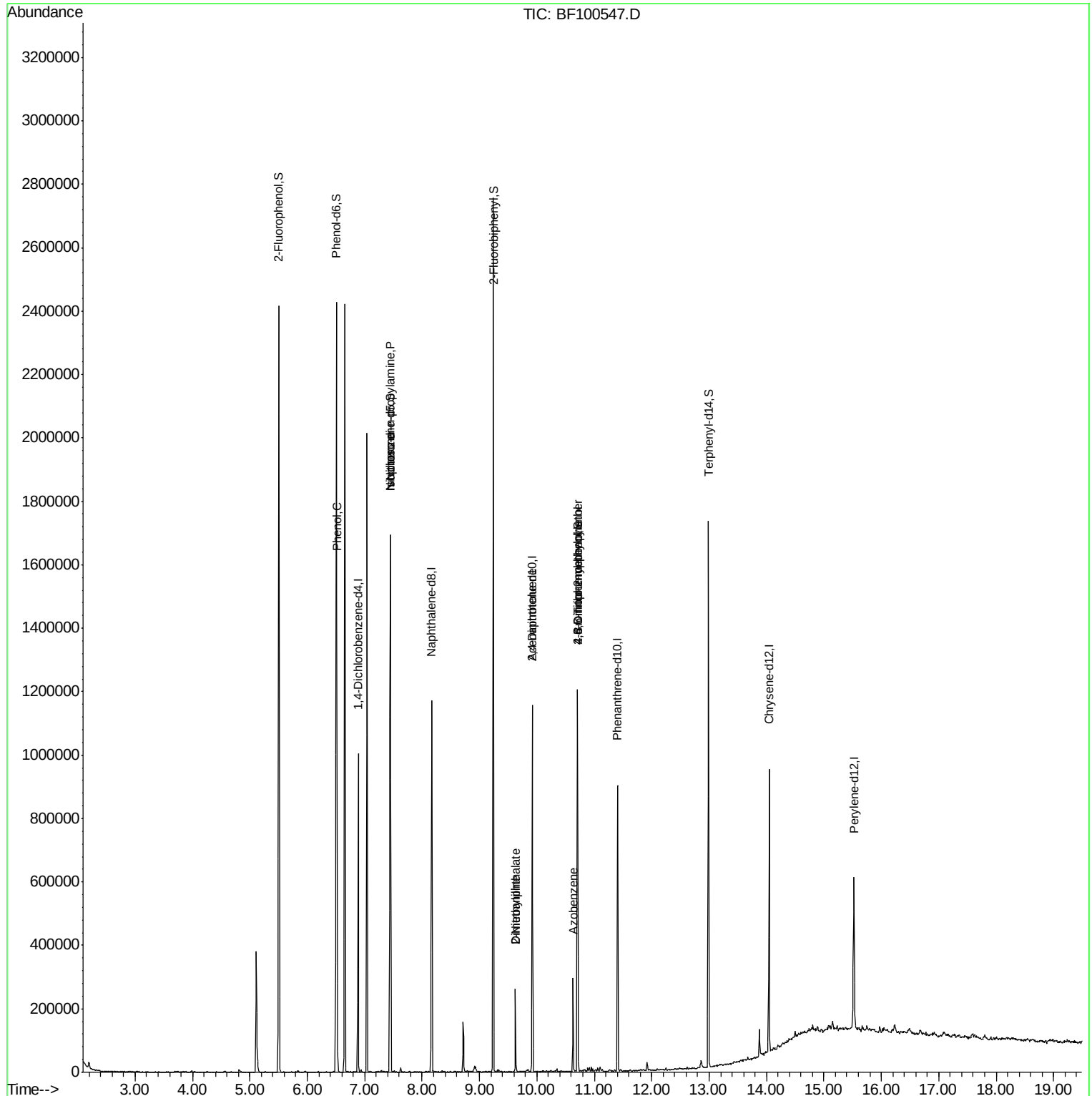
Target Compounds						Qvalue
10) Phenol	6.52	94	43486	3.72	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	71287	9.24	ng	# 81
25) Isophorone	7.45	82	533140	31.32	ng	# 64
47) 2-Nitroaniline	9.63	65	842	2.99	ng	# 1
49) Dimethylphthalate	9.63	163	93709	5.93	ng	100
56) 2,4-Dinitrotoluene	9.92	165	26199	6.64	ng	# 23
62) Azobenzene	10.63	77	50162	3.37	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.71	198	275	8.71	ng	# 1
66) 4-Bromophenyl-phenylether	10.71	248	9019	2.55	ng	# 1

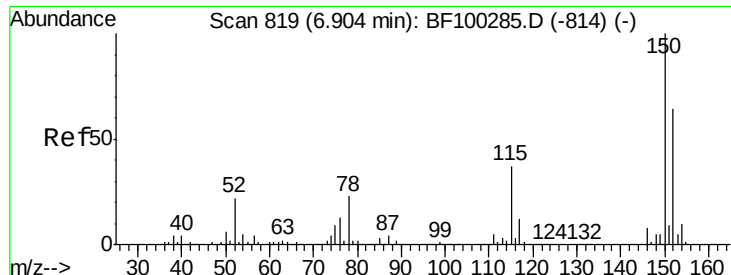
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 12 Sample Multiplier: 1

3N-17

Response via : Initial Calibration



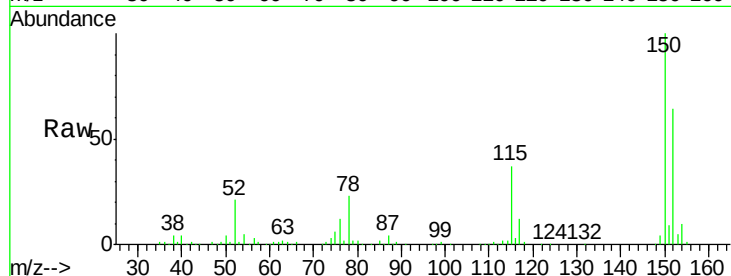


#1

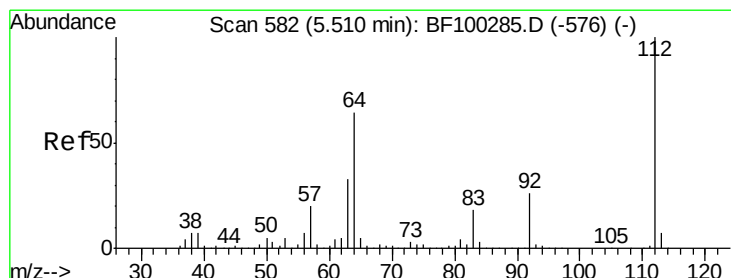
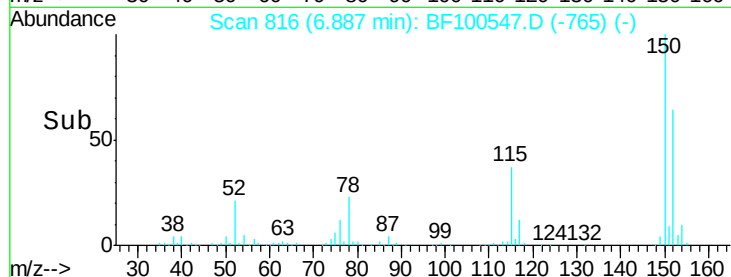
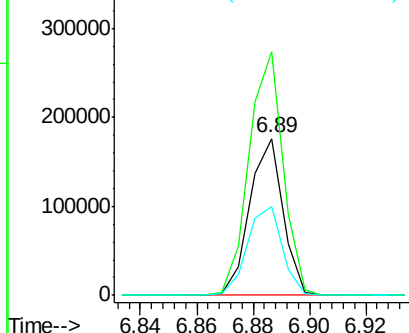
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF100547.D
Acq: 14 Nov 2017 17:21

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:152 Resp: 144630
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 57.0 50.1 75.1



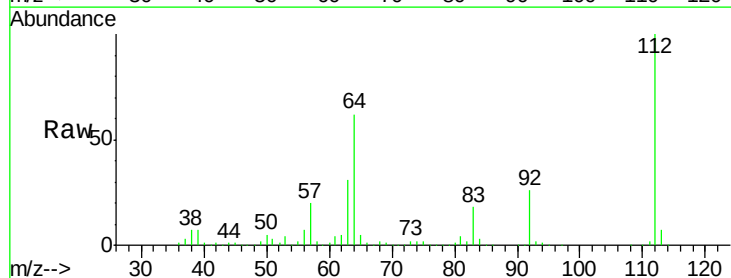
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



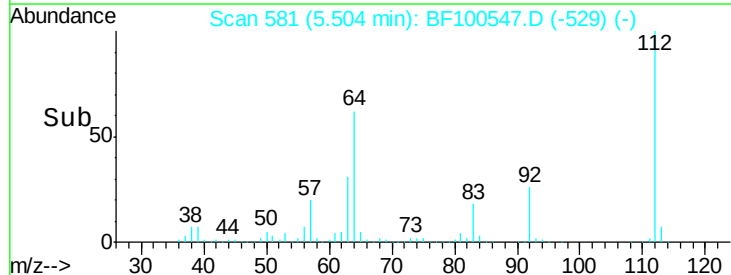
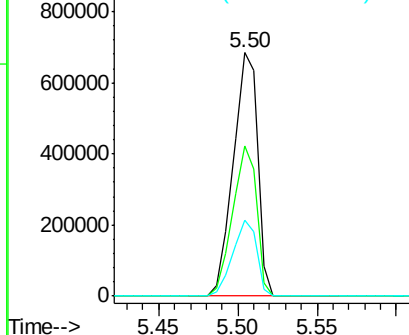
#5

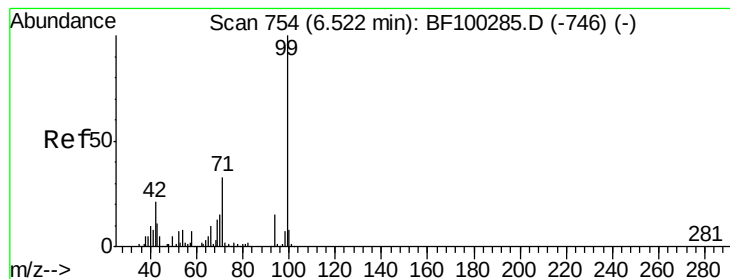
2-Fluorophenol
Concen: 80.80 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100547.D
Acq: 14 Nov 2017 17:21

Tgt Ion:112 Resp: 729022
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 31.1 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: 79.74 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Instrument :

BNA_F

ClientSampled :

3N-17

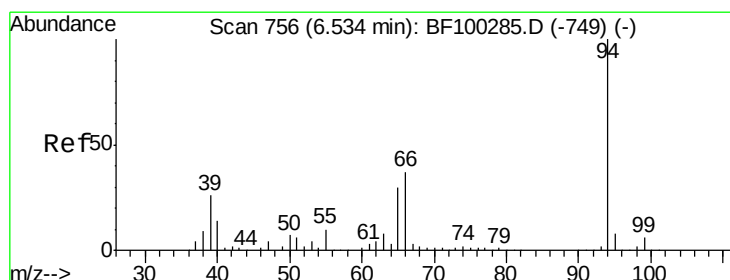
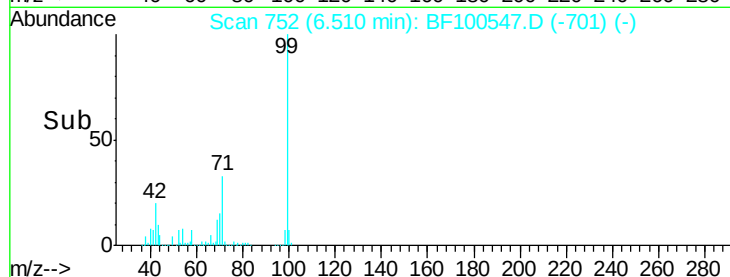
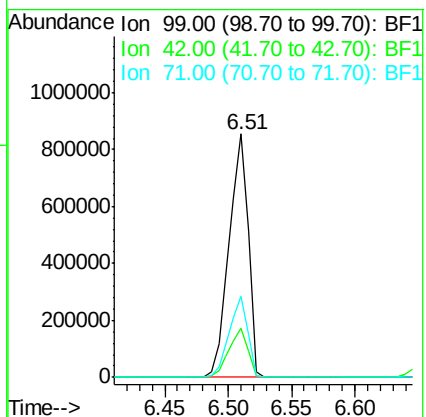
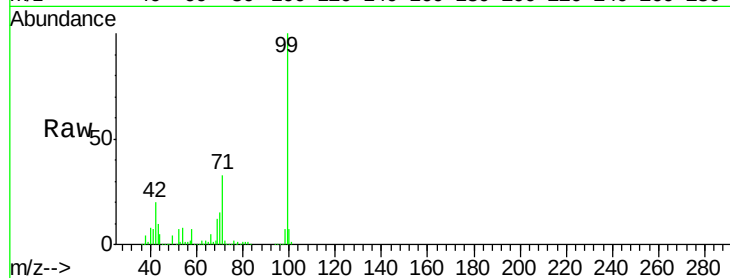
Tgt Ion: 99 Resp: 887190

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.1 25.4 38.0



#10

Phenol

Concen: 3.72 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

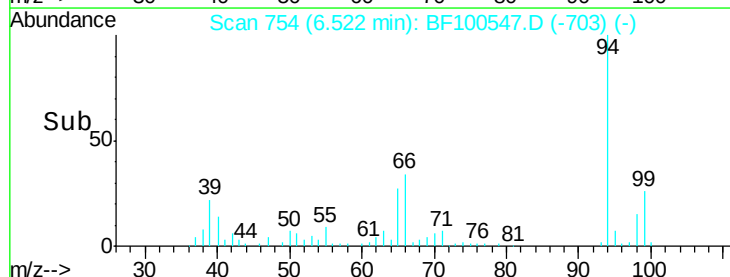
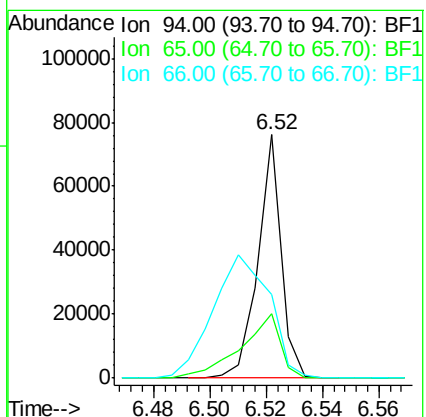
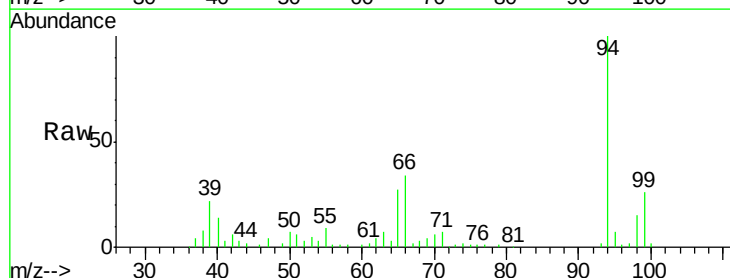
Tgt Ion: 94 Resp: 43486

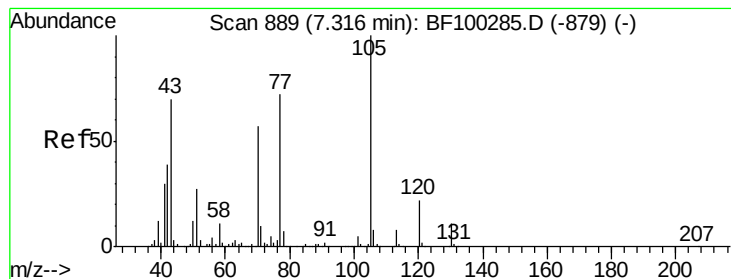
Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

66 34.1 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 9.24 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Instrument :

BNA_F

ClientSampleId :

3N-17

Tgt Ion: 70 Resp: 71287

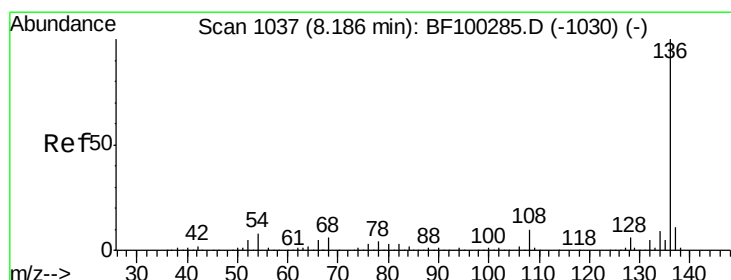
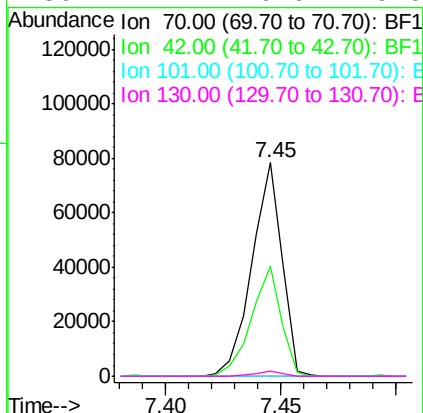
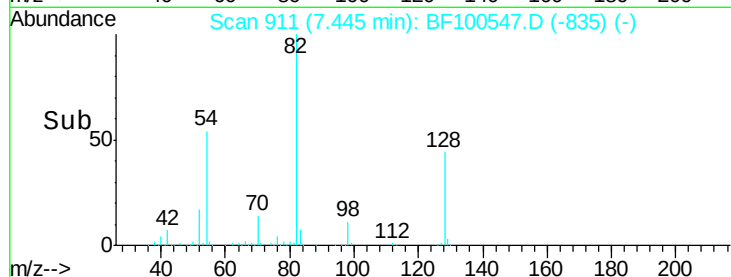
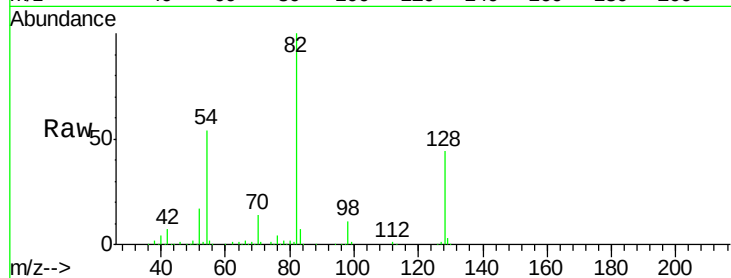
Ion Ratio Lower Upper

70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Tgt Ion: 136 Resp: 535474

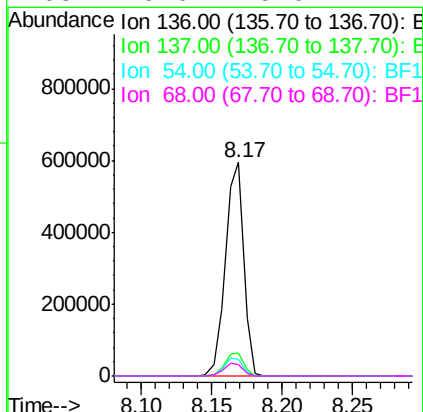
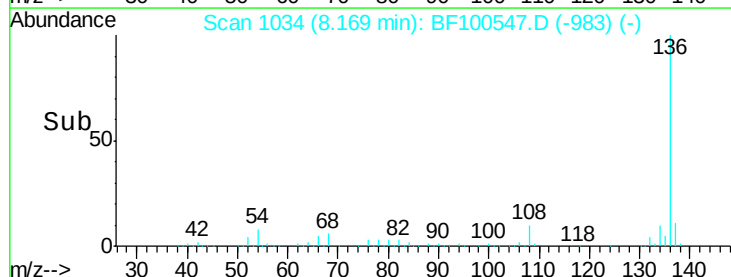
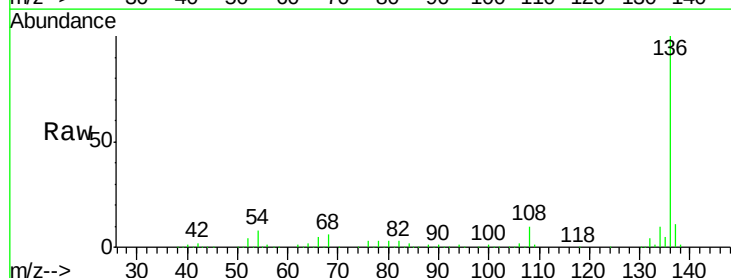
Ion Ratio Lower Upper

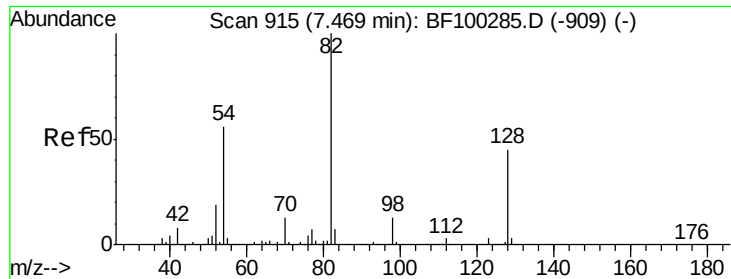
136 100

137 10.9 8.9 13.3

54 8.0 6.6 9.8

68 5.6 5.0 7.4

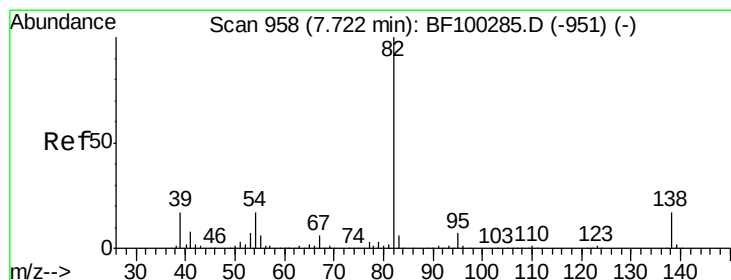
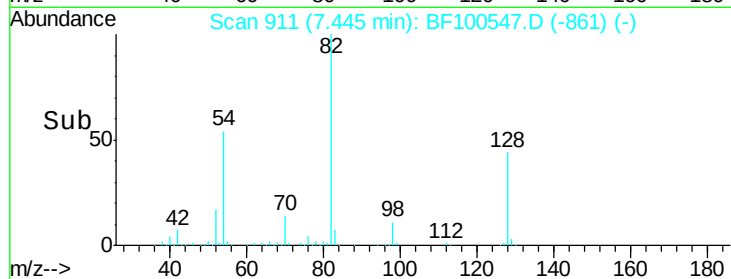
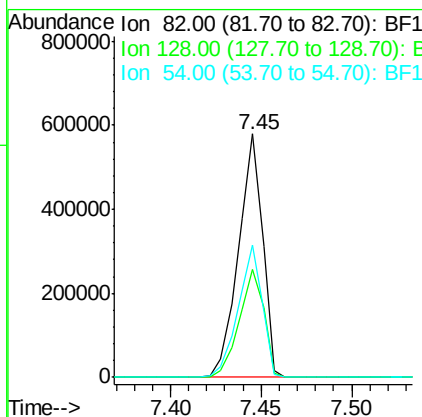
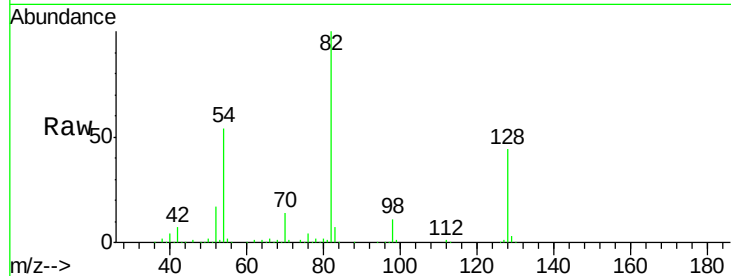




#23
Nitrobenzene-d5
Concen: 65.83 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100547.D
Acq: 14 Nov 2017 17:21

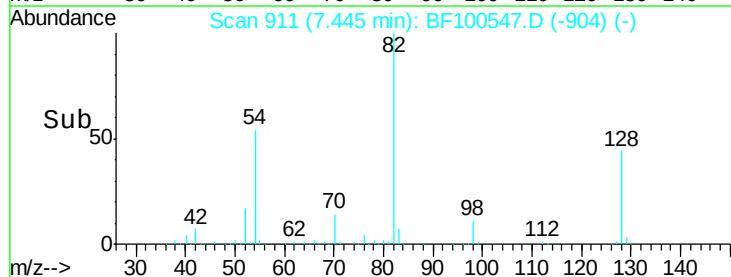
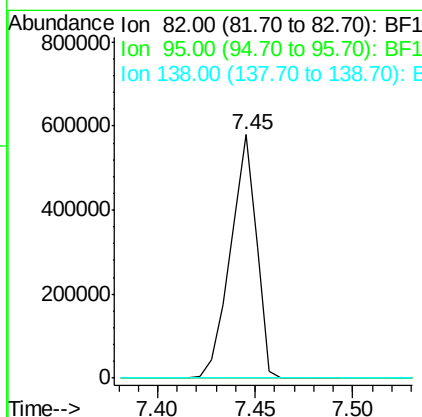
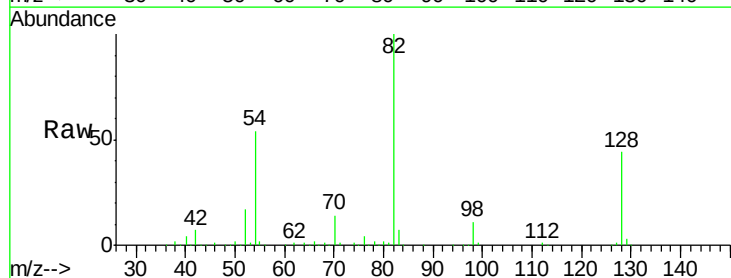
Instrument :
BNA_F
ClientSampleId :
3N-17

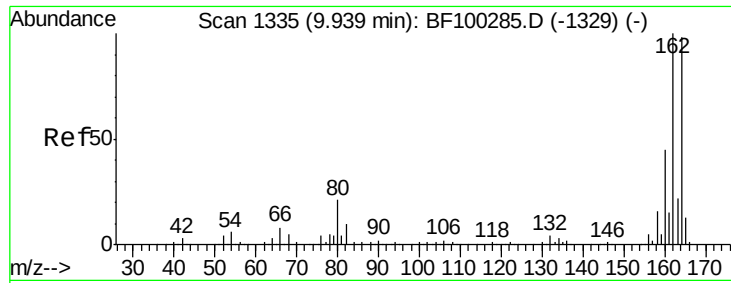
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	54.1	41.4	62.2



#25
Isophorone
Concen: 31.32 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100547.D
Acq: 14 Nov 2017 17:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

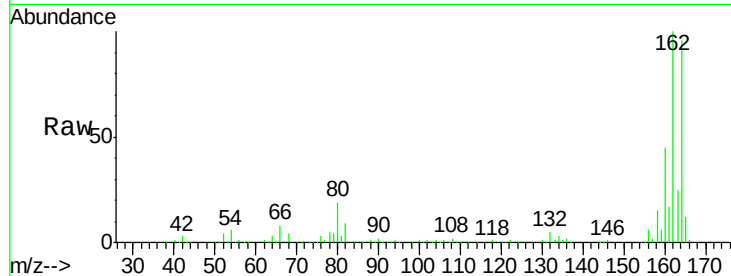




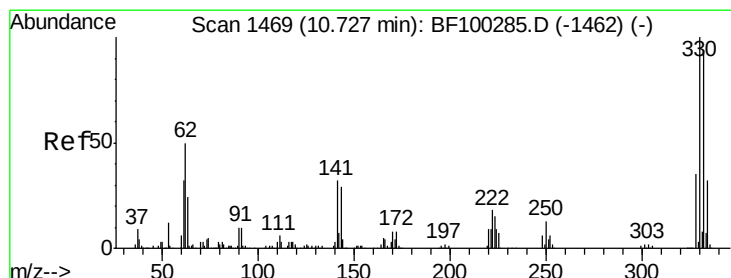
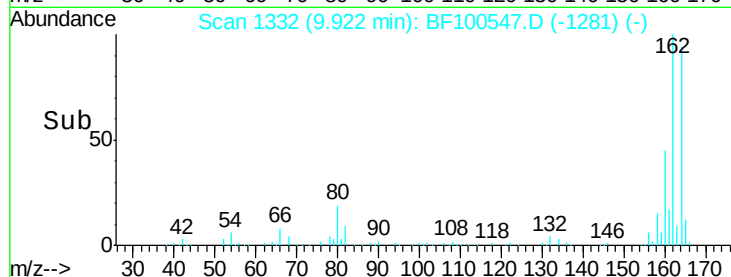
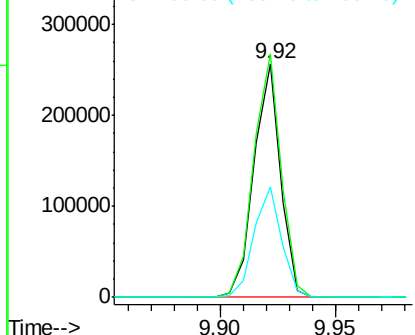
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF100547.D
 Acq: 14 Nov 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 3N-17

Tgt Ion:164 Resp: 206818
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 47.1 38.3 57.5

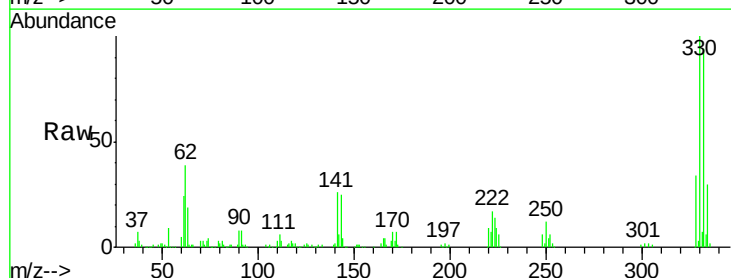


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

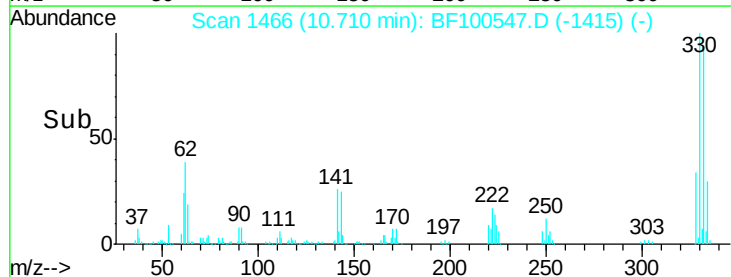
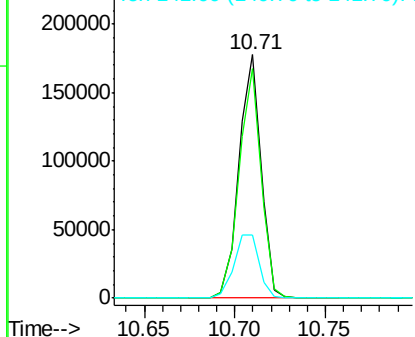


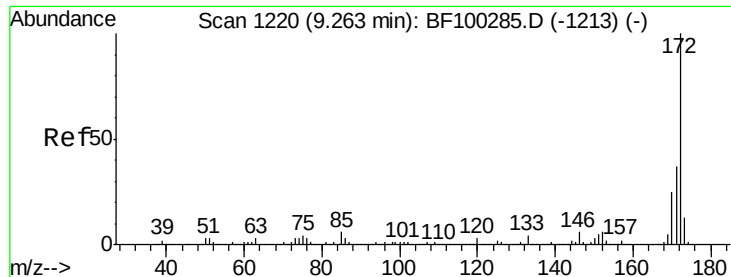
#41
 2,4,6-Tribromophenol
 Concen: 71.41 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100547.D
 Acq: 14 Nov 2017 17:21

Tgt Ion:330 Resp: 150485
 Ion Ratio Lower Upper
 330 100
 332 93.8 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

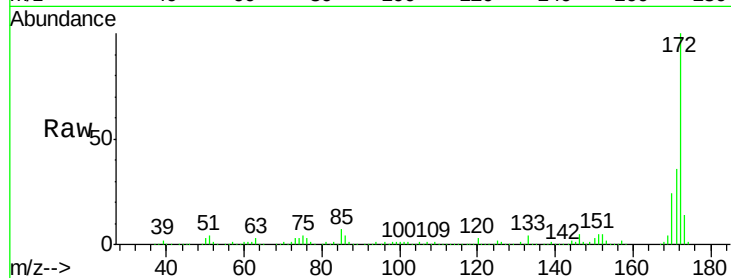




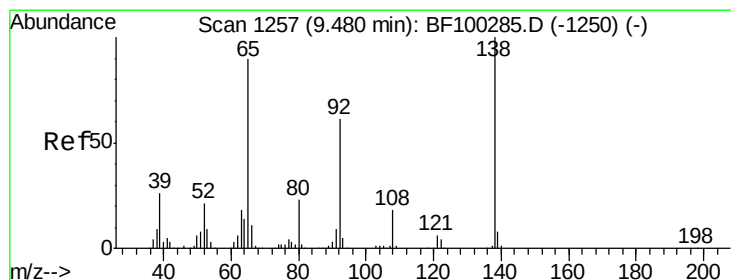
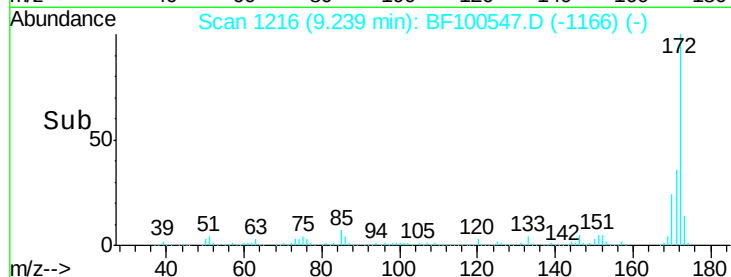
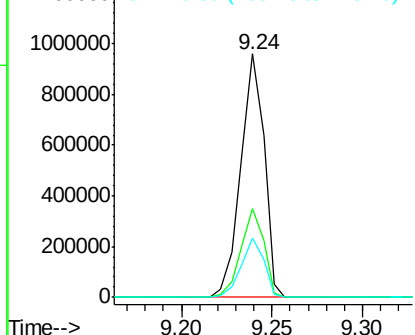
#44
 2-Fluorobiphenyl
 Concen: 63.55 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100547.D
 Acq: 14 Nov 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 3N-17

Tgt Ion: 172 Resp: 863086
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.1 19.6 29.4

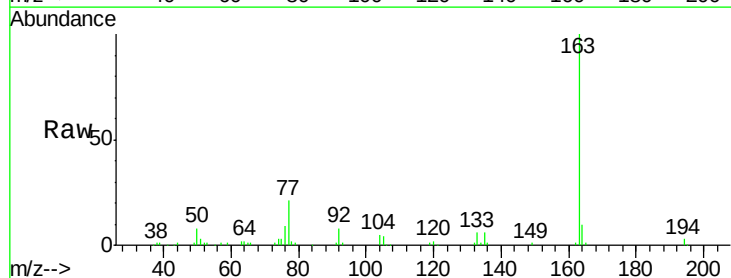


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

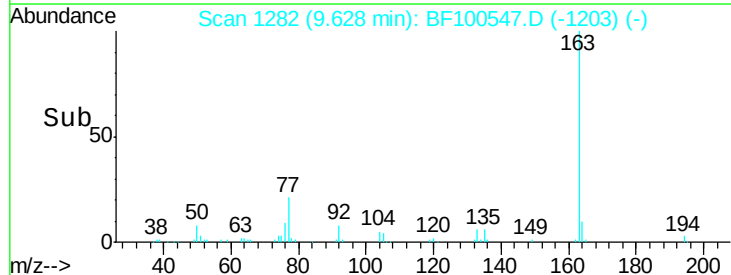
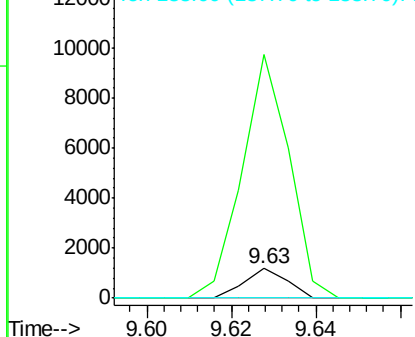


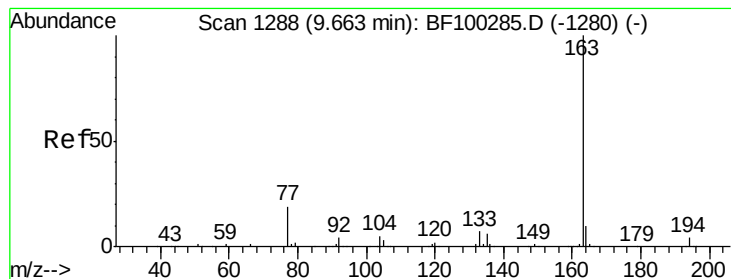
#47
 2-Nitroaniline
 Concen: 2.99 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100547.D
 Acq: 14 Nov 2017 17:21

Tgt Ion: 65 Resp: 842
 Ion Ratio Lower Upper
 65 100
 92 818.1 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: 5.93 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Instrument :

BNA_F

ClientSampleId :

3N-17

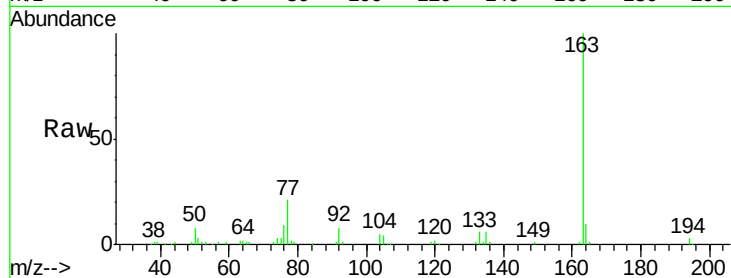
Tgt Ion:163 Resp: 93709

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

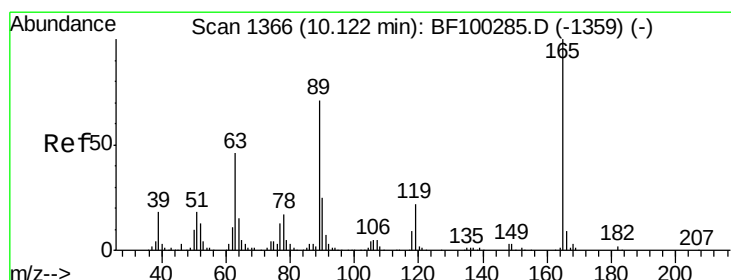
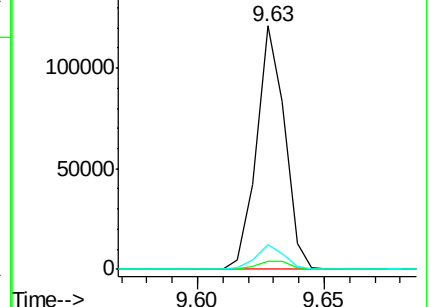
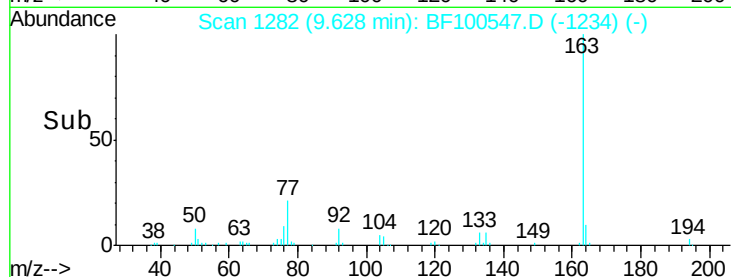
164 10.4 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.64 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.19 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Tgt Ion:165 Resp: 26199

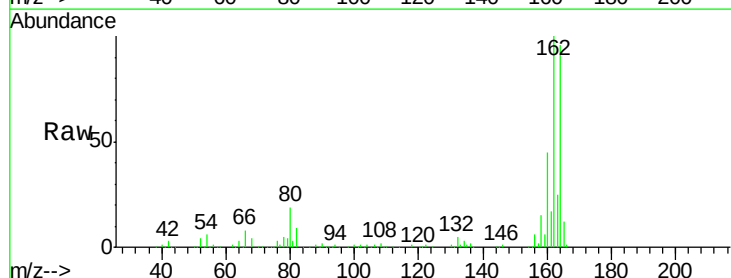
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#

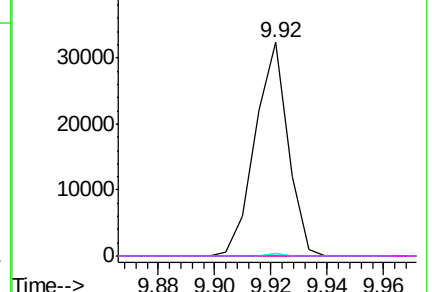
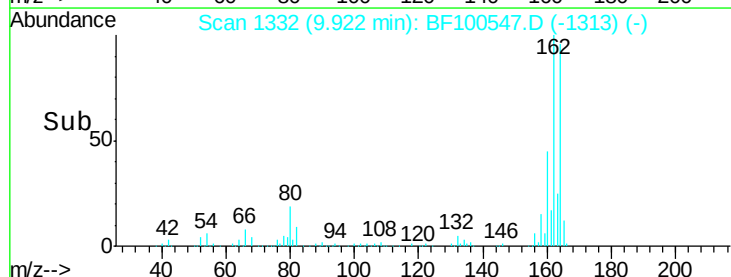


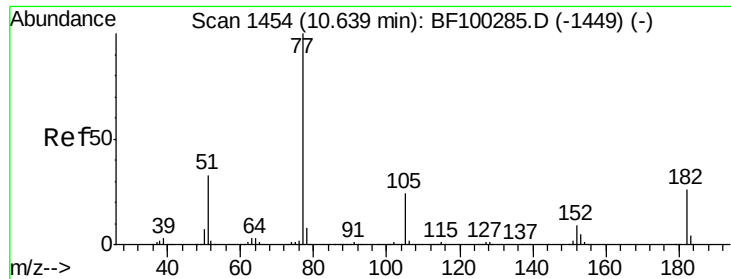
Abundance Ion 165.00 (164.70 to 165.70): E

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





#62

Azobenzene

Concen: 3.37 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Instrument :

BNA_F

ClientSampled :

3N-17

Tgt Ion: 77 Resp: 50162

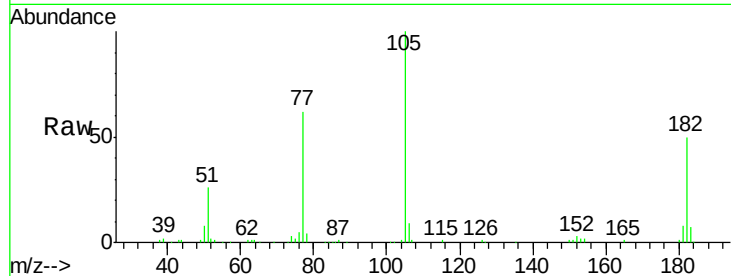
Ion Ratio Lower Upper

77 100

182 80.9 1.7 41.7#

105 160.9 3.0 43.0#

51 42.5 9.9 49.9



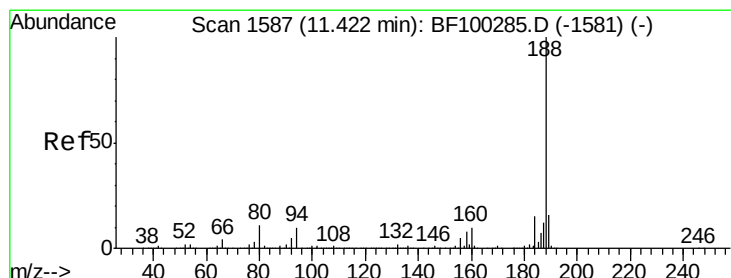
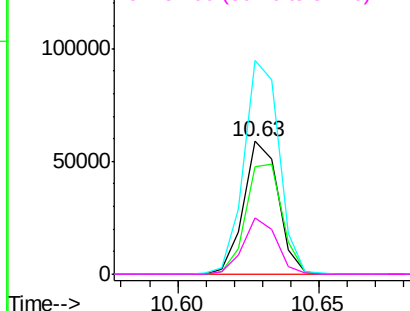
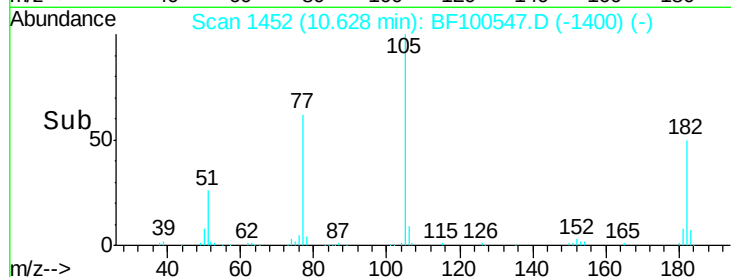
Abundance

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: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

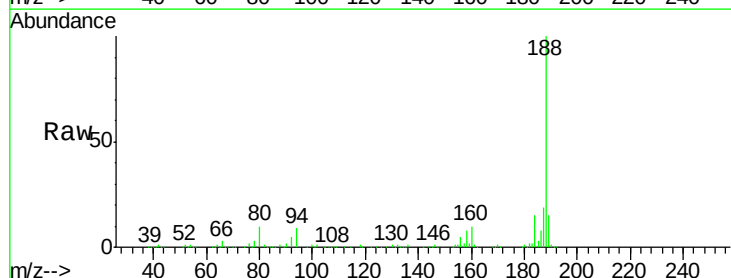
Tgt Ion: 188 Resp: 329936

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

80 9.7 9.2 13.8

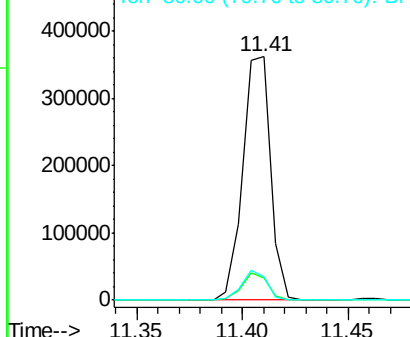
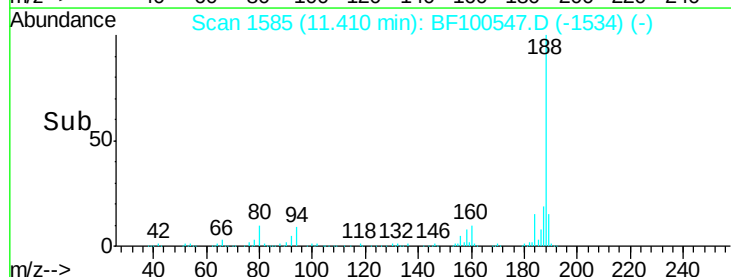


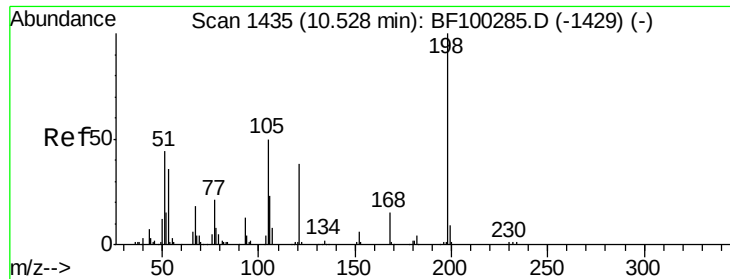
Abundance

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: 8.71 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.19 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

Instrument :

BNA_F

ClientSampleId :

3N-17

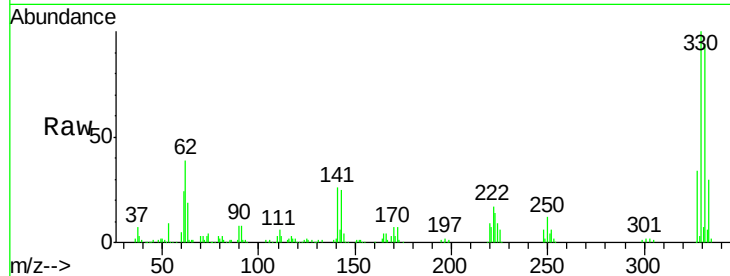
Tgt Ion:198 Resp: 275

Ion Ratio Lower Upper

198 100

51 203.8 37.7 77.7#

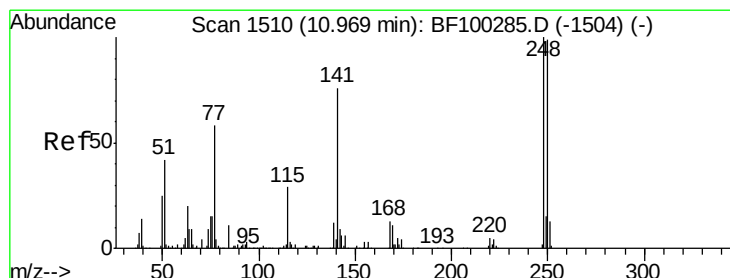
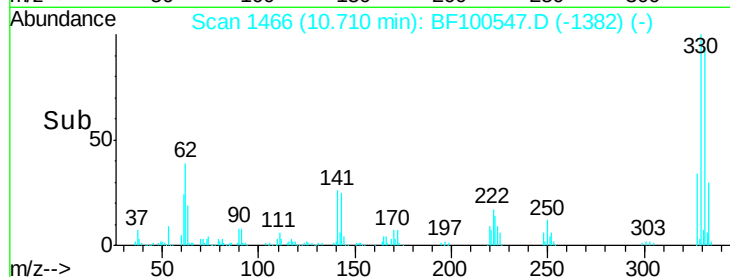
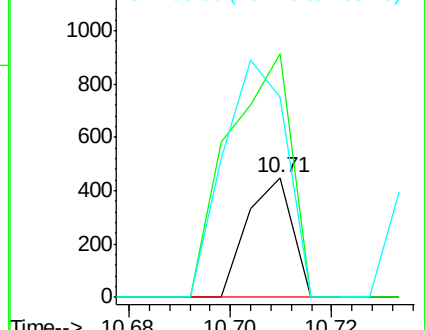
105 167.0 36.3 76.3#



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: 2.55 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.24 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

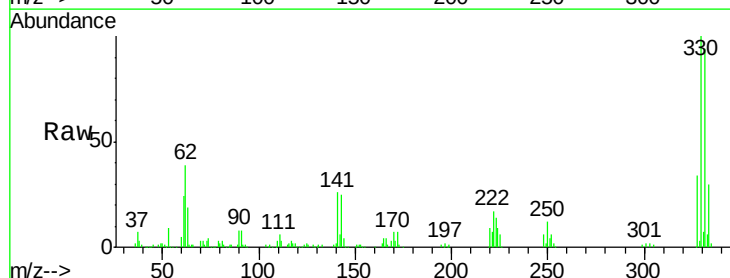
Tgt Ion:248 Resp: 9019

Ion Ratio Lower Upper

248 100

250 208.7 76.9 115.3#

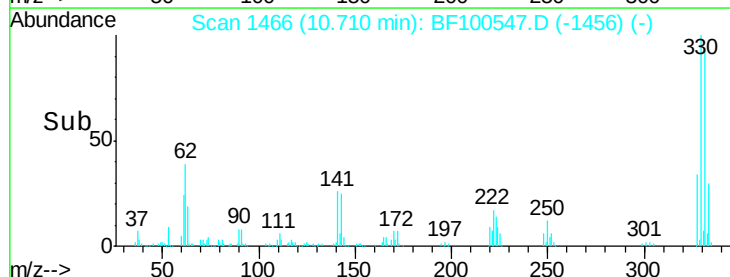
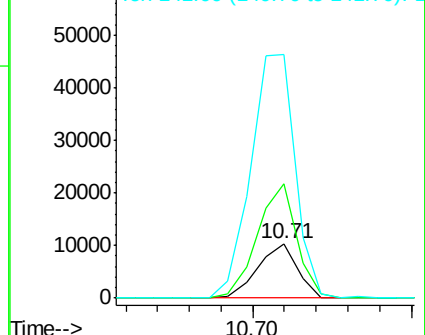
141 445.0 74.4 111.6#

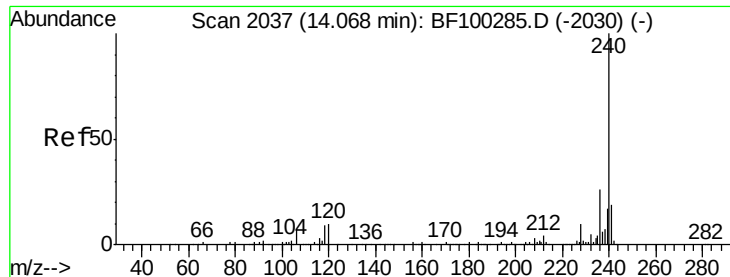


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF100547.D

Acq: 14 Nov 2017 17:21

Instrument :

BNA_F

ClientSampleId :

3N-17

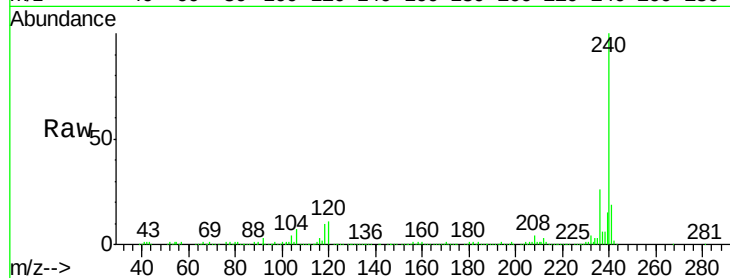
Tgt Ion:240 Resp: 294844

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

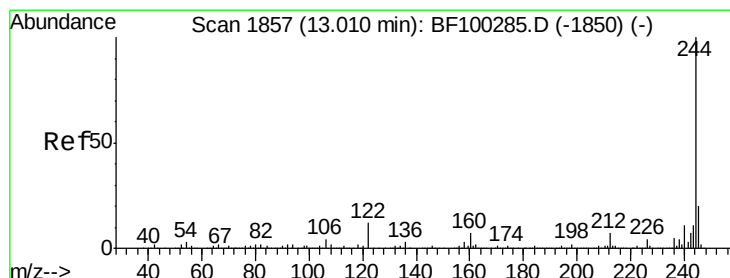
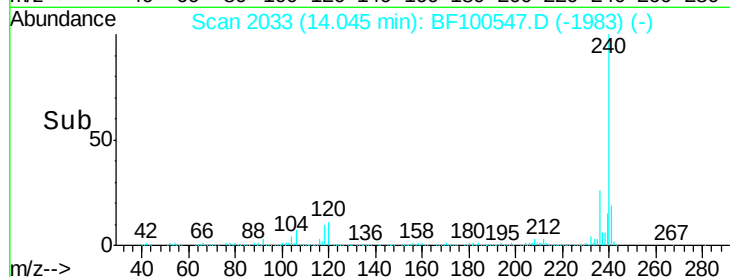
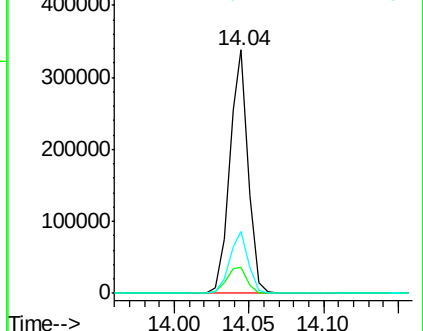
236 25.5 20.7 31.1



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: 43.99 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100547.D

Acq: 14 Nov 2017 17:21

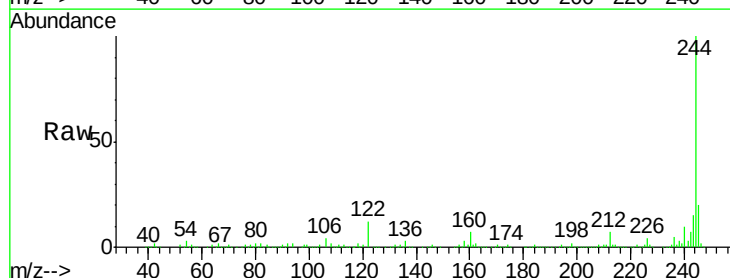
Tgt Ion:244 Resp: 564437

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

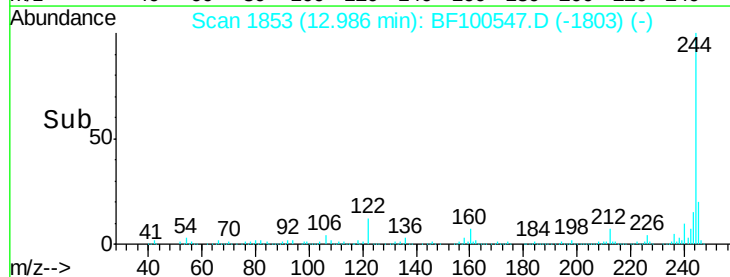
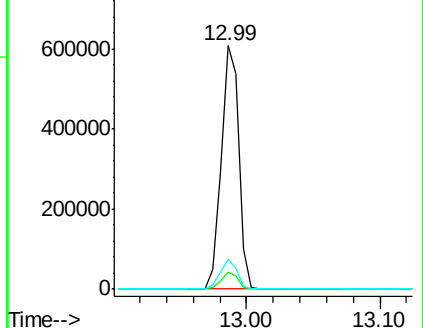
122 12.2 11.0 16.4

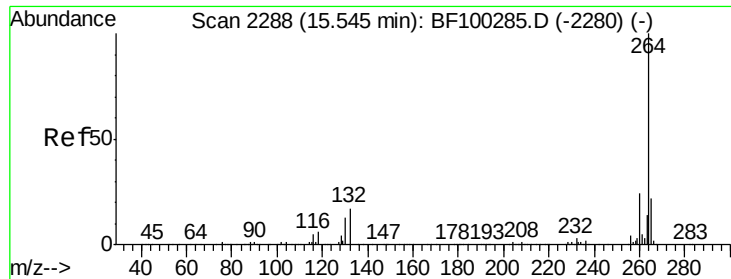


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF100547.D
Acq: 14 Nov 2017 17:21

Instrument :
BNA_F
ClientSampleId :
3N-17

Tgt Ion:	264	Resp:	214127
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.8	17.5	26.3

