

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111317\
 Data File : BF100533.D
 Acq On : 14 Nov 2017 9:00
 Operator : SJ/JU
 Sample : I6307-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 10:29:07 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 02:37:14 2017
 Response via : Initial Calibration

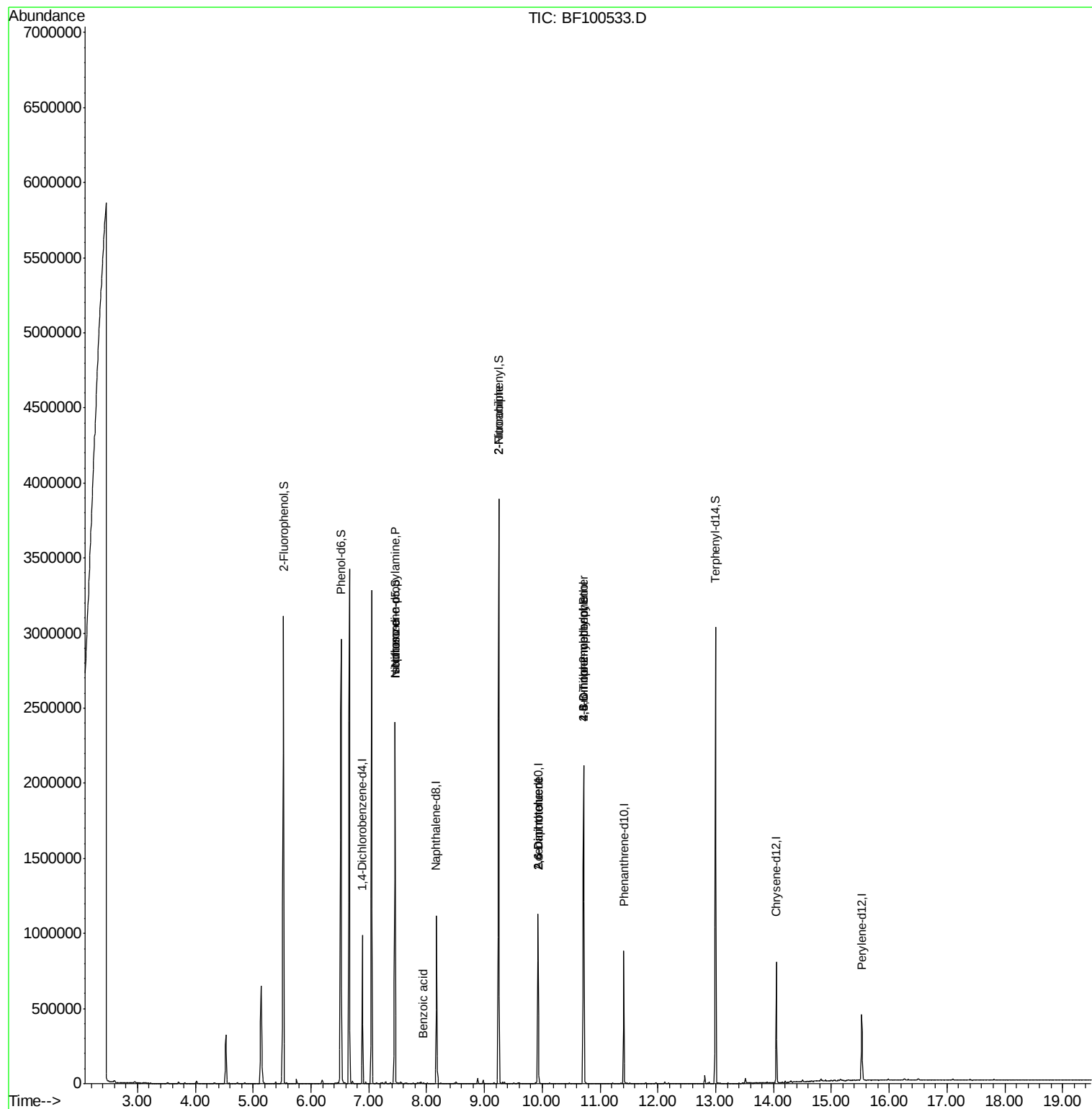
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	132119	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	503865	20.00	ng	-0.02
38) Acenaphthene-d10	9.93	164	204310	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	303244	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	270041	20.00	ng	-0.02
86) Perylene-d12	15.53	264	208352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1006562	122.13	ng	0.01
7) Phenol-d6	6.52	99	1088106	107.06	ng	0.00
23) Nitrobenzene-d5	7.46	82	863065	113.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	268243	128.84	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1473707	109.83	ng	-0.01
78) Terphenyl-d14	13.00	244	1039333	88.43	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	113920	16.162	ng	# 81
25) Isophorone	7.46	82	863056	53.889	ng	# 64
32) Benzoic acid	7.95	122	1452	9.583	ng	# 15
47) 2-Nitroaniline	9.25	65	2222	3.336	ng	# 8
50) 2,6-Dinitrotoluene	9.93	165	26591	8.612	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	26591	6.826	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.72	198	447	8.810	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	16260	5.002	ng	# 1

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

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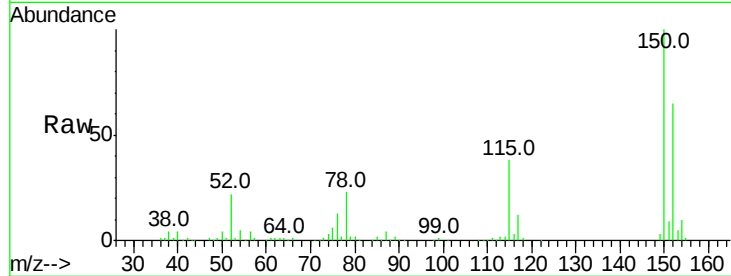


#1

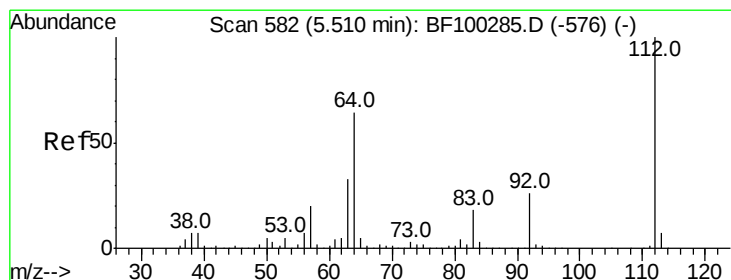
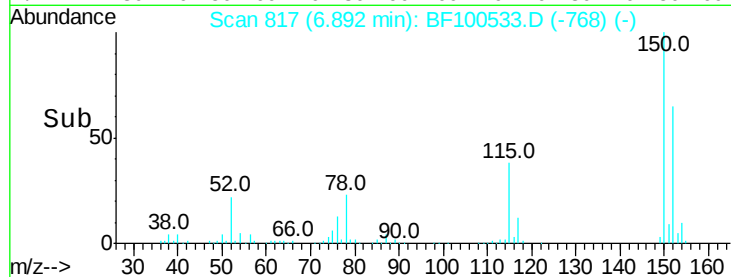
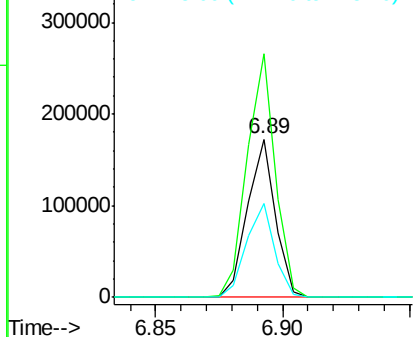
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 132119
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 59.2 50.1 75.1



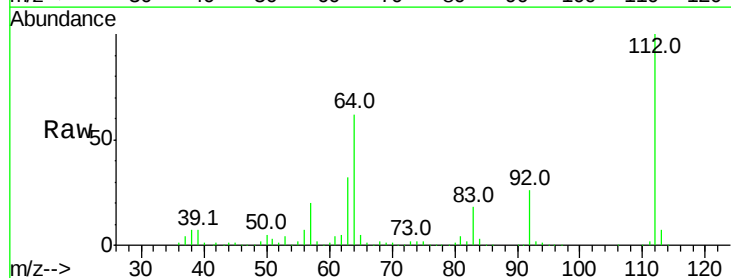
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



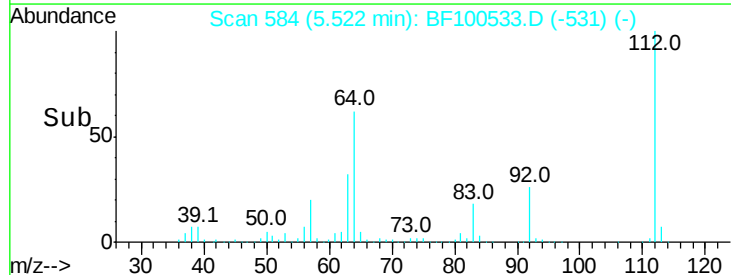
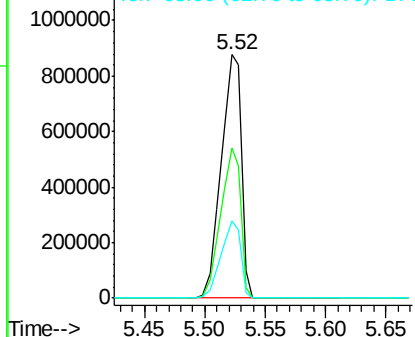
#5

2-Fluorophenol
Concen: 122.125 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion:112 Resp: 1006562
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.8 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: 107.060 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampled :

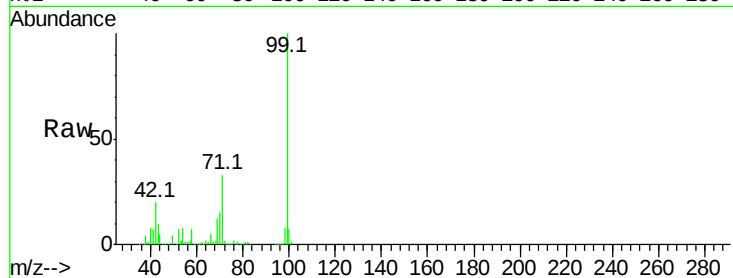
Tot Ion: 99 Resp: 1088106

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

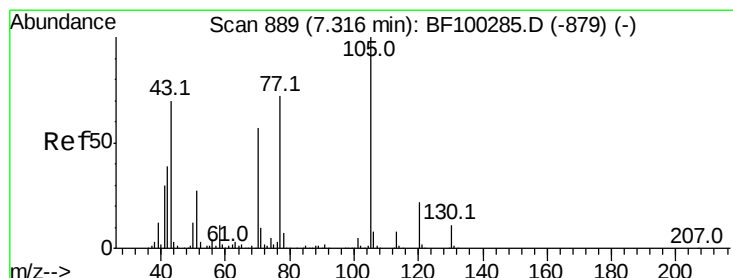
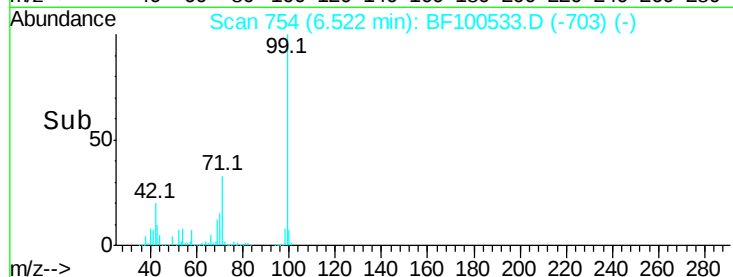
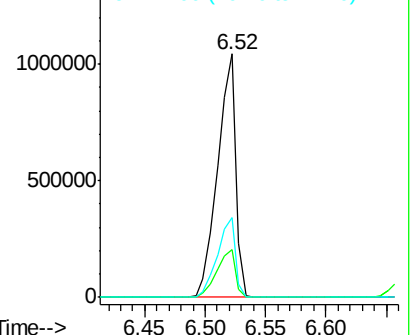
71 32.6 25.4 38.0



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: 16.162 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Tgt Ion: 70 Resp: 113920

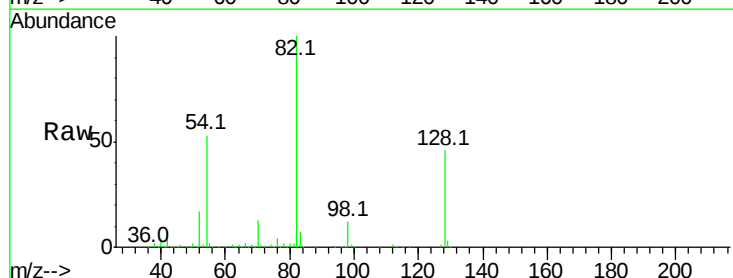
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

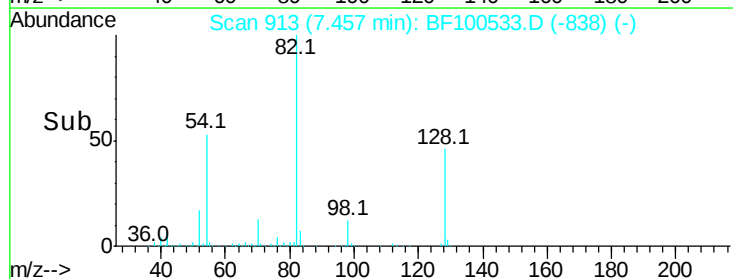
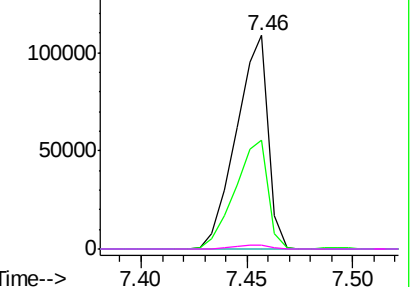


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

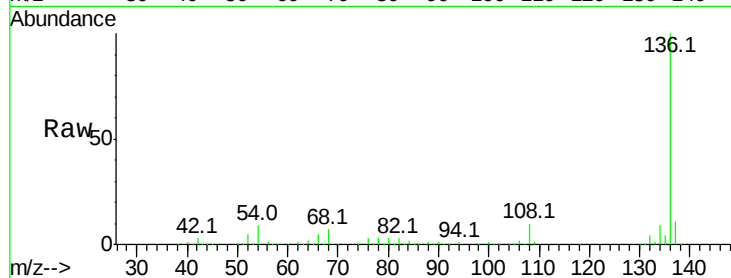




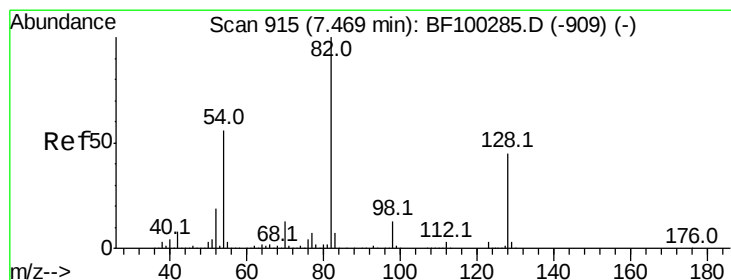
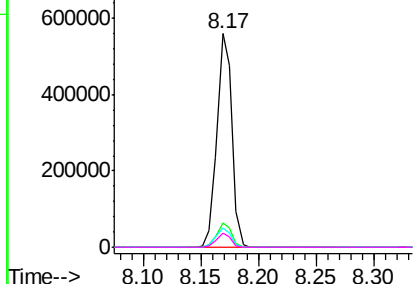
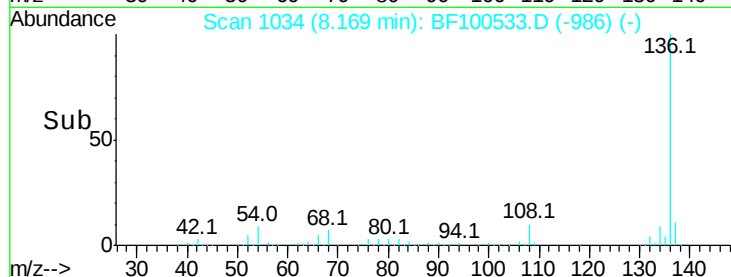
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	503865
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.0	6.6	9.8
68	6.5	5.0	7.4

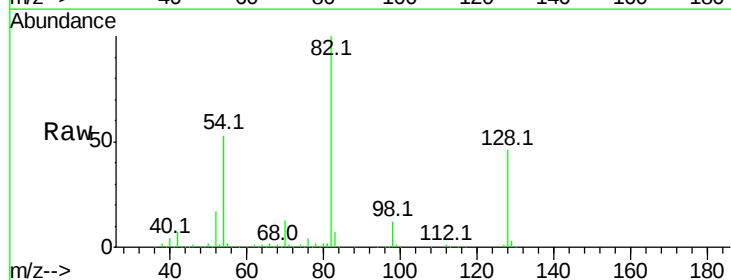


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

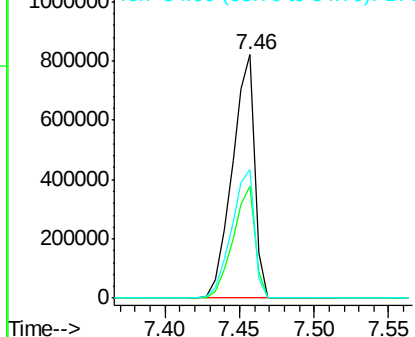
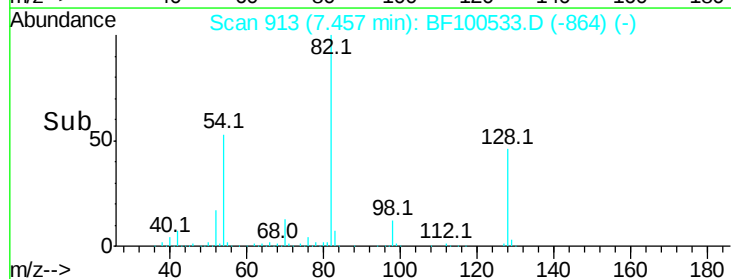


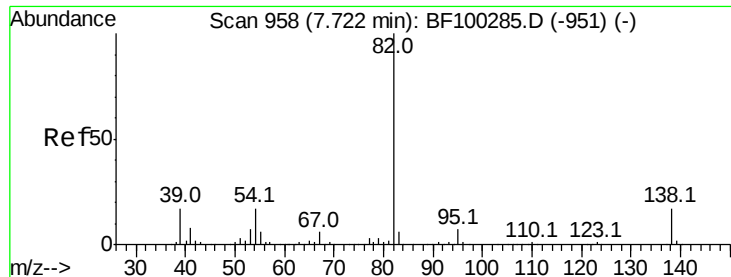
#23
Nitrobenzene-d5
Concen: 113.245 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion:	82	Resp:	863065
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	52.7	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: 53.889 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampleId :

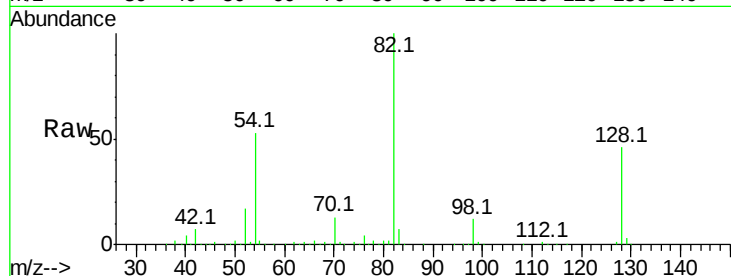
Tot Ion: 82 Resp: 863056

Ion Ratio Lower Upper

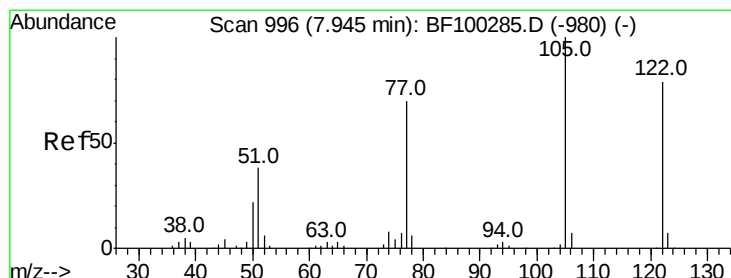
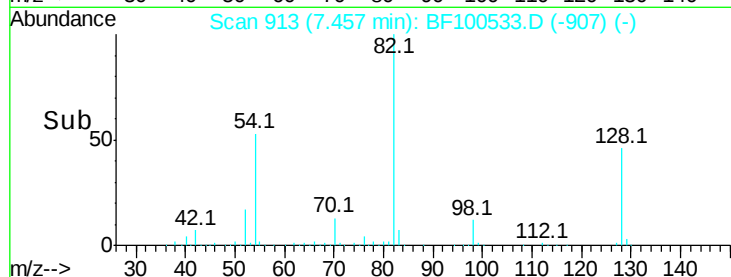
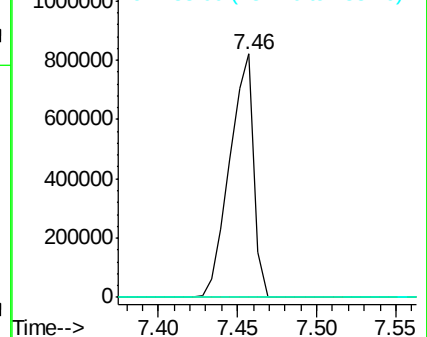
82 100

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



#32

Benzoic acid

Concen: 9.583 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

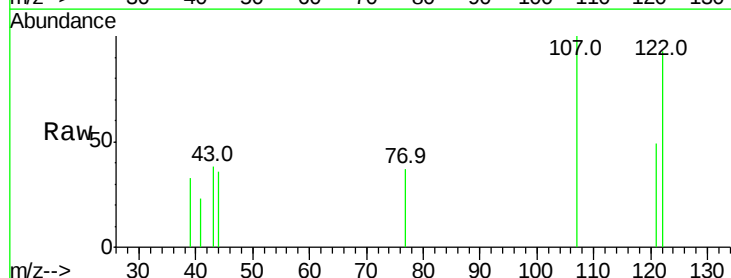
Tgt Ion: 122 Resp: 1452

Ion Ratio Lower Upper

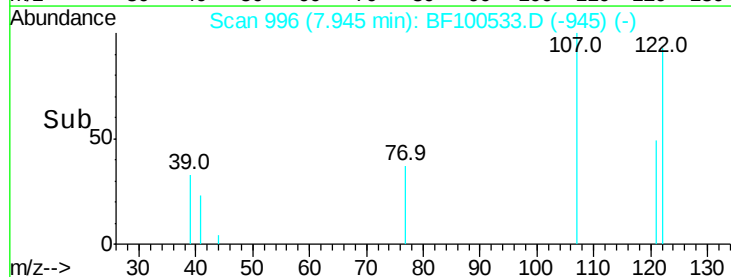
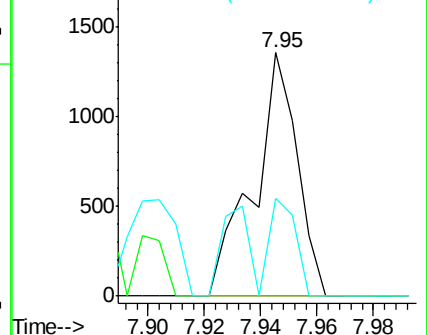
122 100

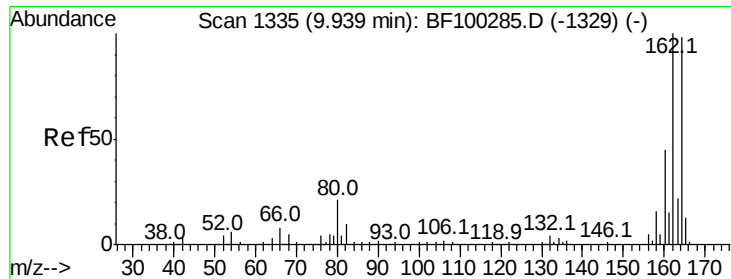
105 0.0 101.1 141.1#

77 40.1 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

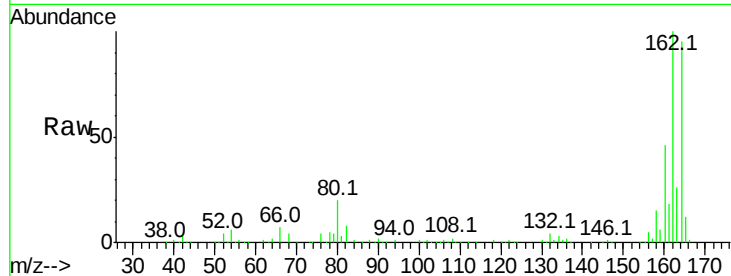




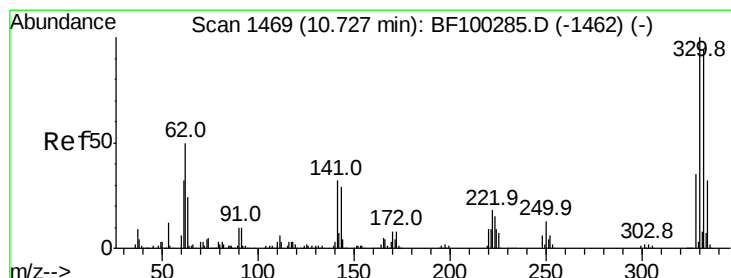
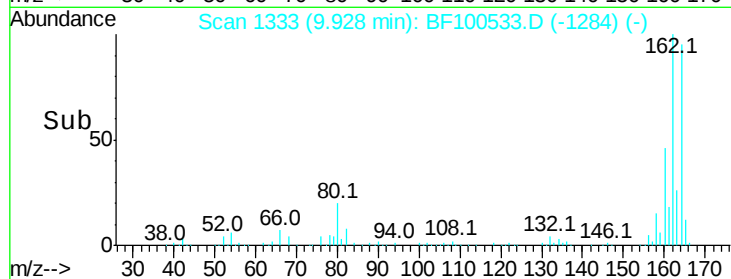
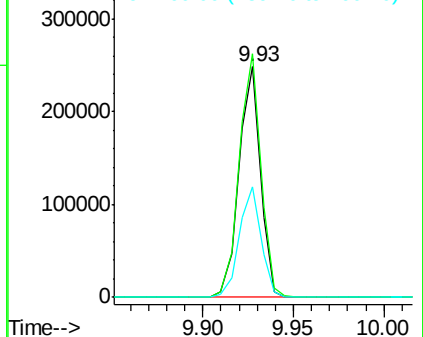
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 204310
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 48.1 38.3 57.5

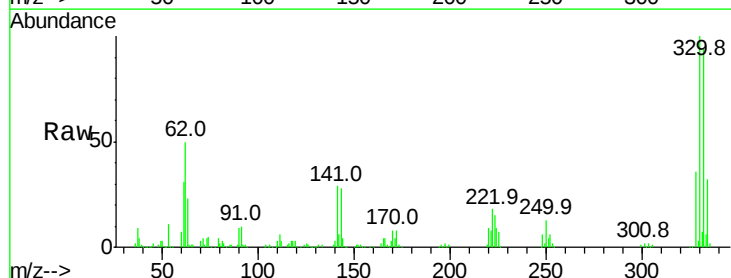


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

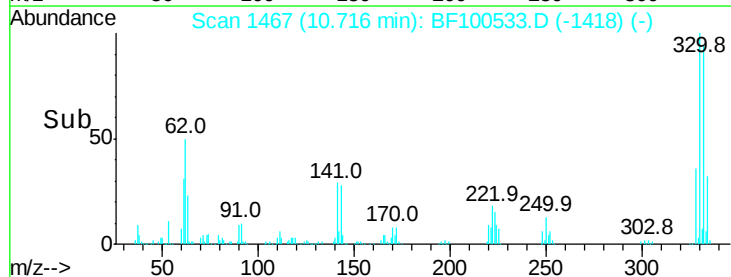
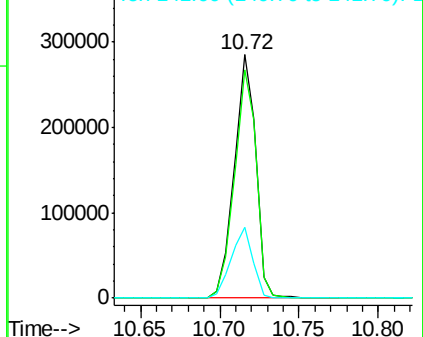


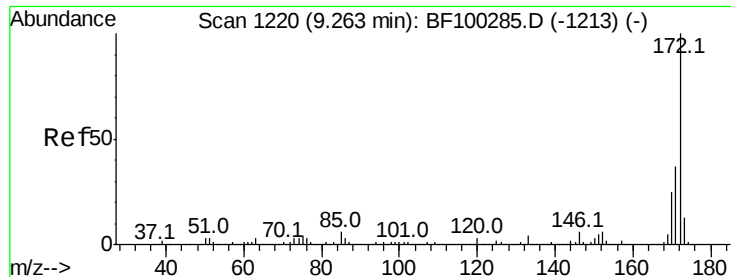
#41
2,4,6-Tribromophenol
Concen: 128.844 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion:330 Resp: 268243
Ion Ratio Lower Upper
330 100
332 95.1 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

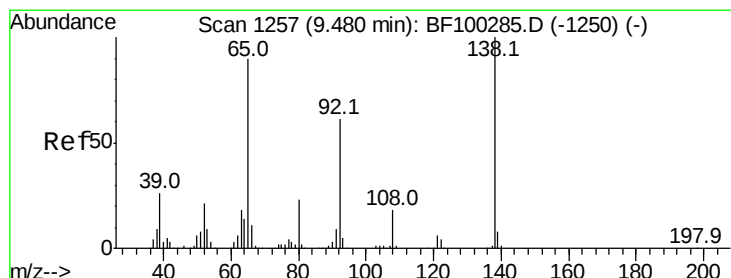
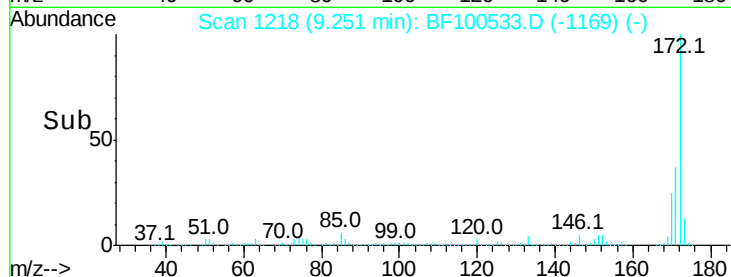
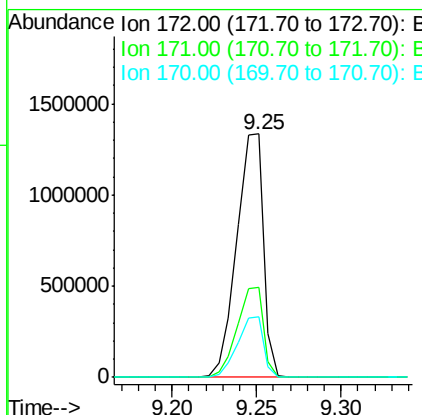
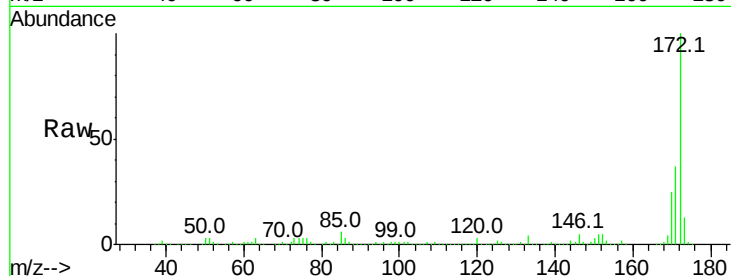




#44
2-Fluorobiphenyl
Concen: 109.835 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

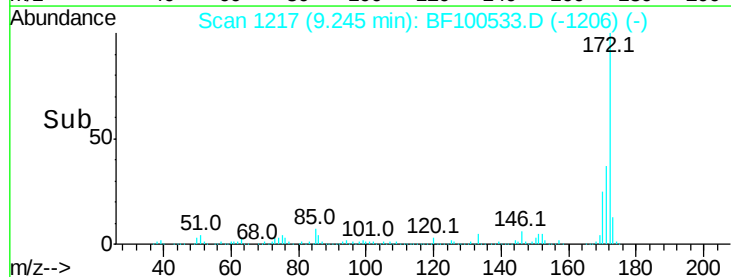
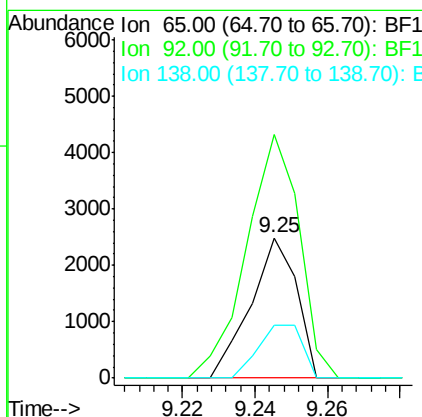
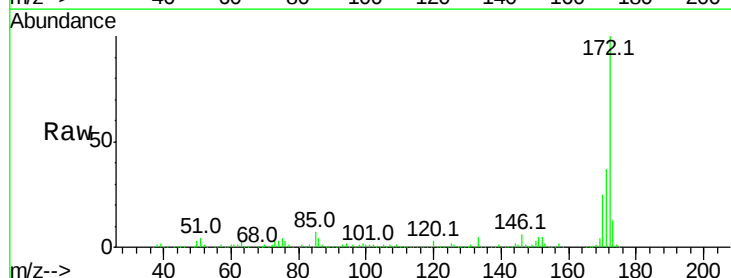
Instrument :
BNA_F
ClientSampleId :

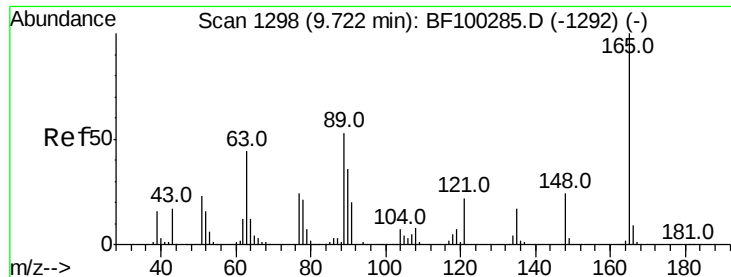
Tot Ion:172 Resp: 1473707
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 19.6 29.4



#47
2-Nitroaniline
Concen: 3.336 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.24 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion: 65 Resp: 2222
Ion Ratio Lower Upper
65 100
92 173.5 55.8 83.6#
138 38.0 91.2 136.8#

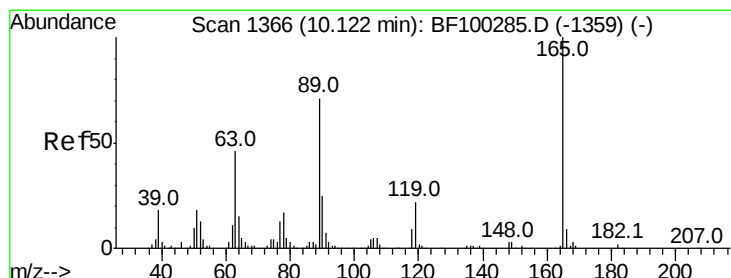
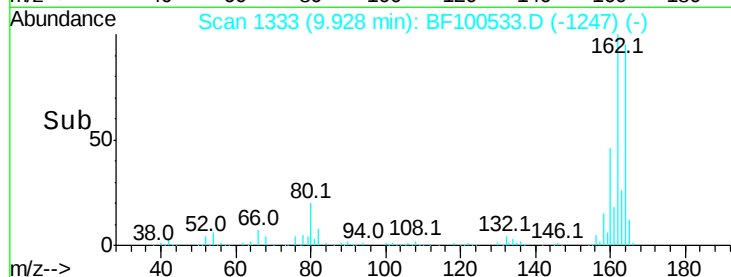
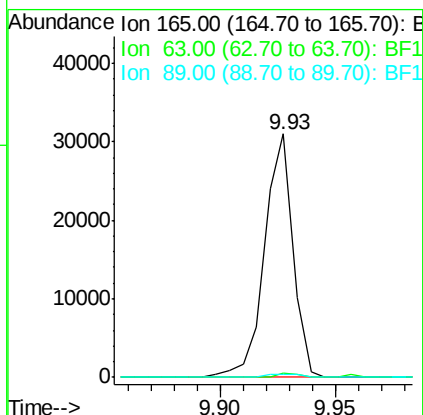
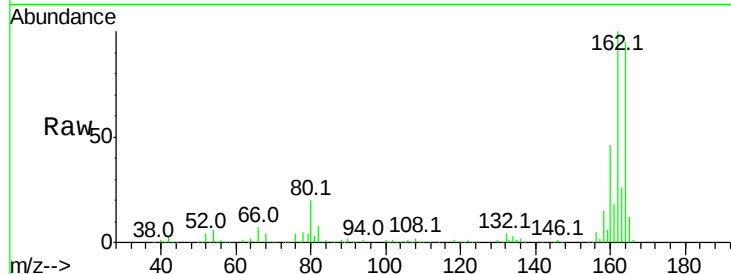




#50
2,6-Dinitrotoluene
Concen: 8.612 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.21 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

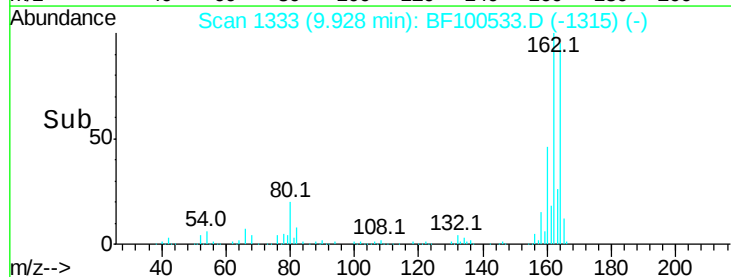
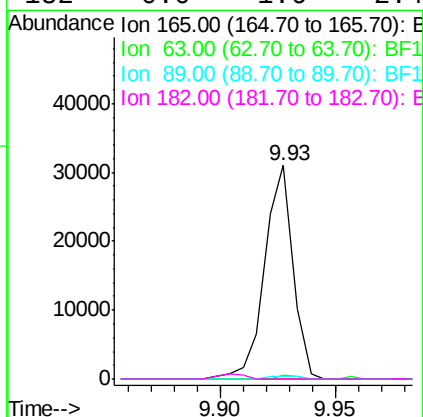
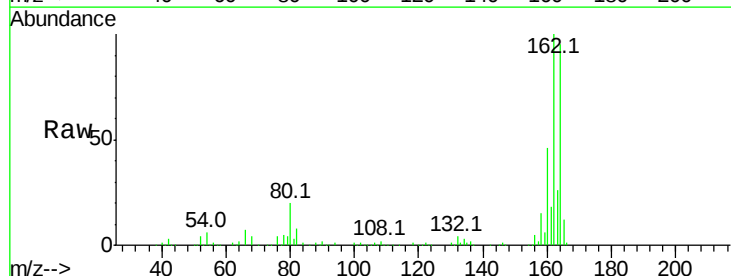
Instrument :
BNA_F
ClientSampleId :

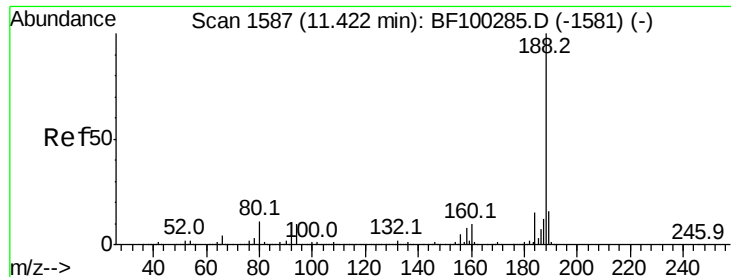
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.826 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampled :

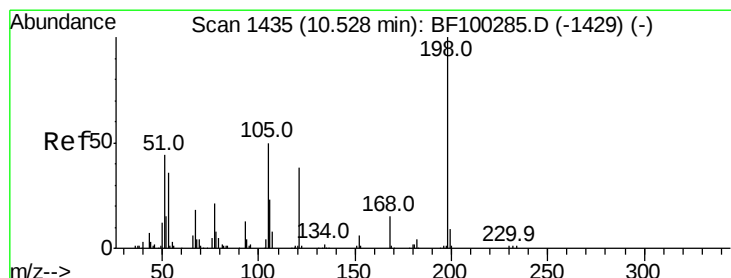
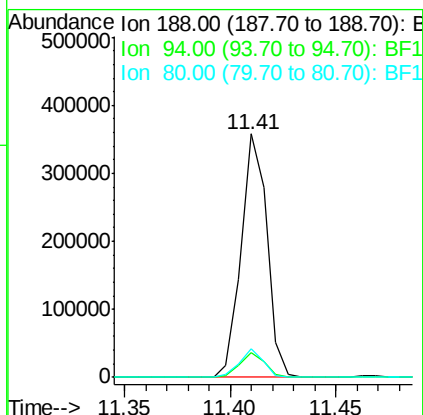
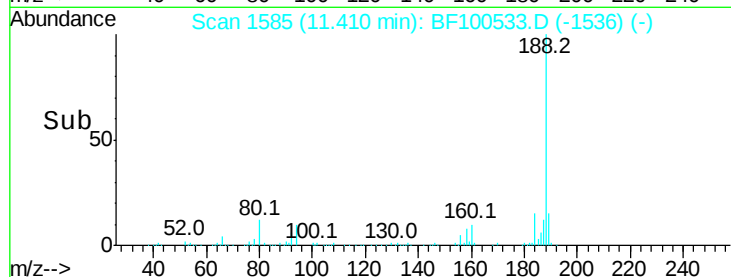
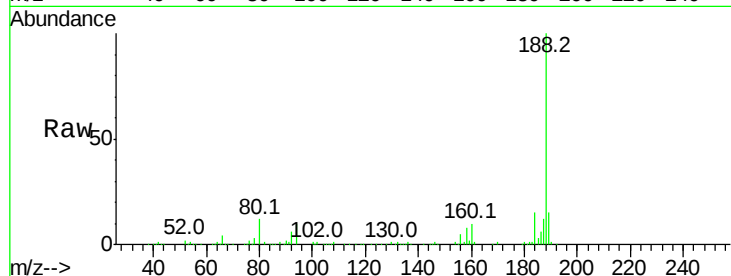
Tot Ion:188 Resp: 303244

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

80 11.6 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 8.810 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

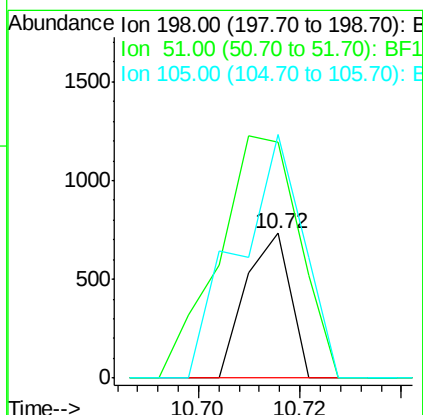
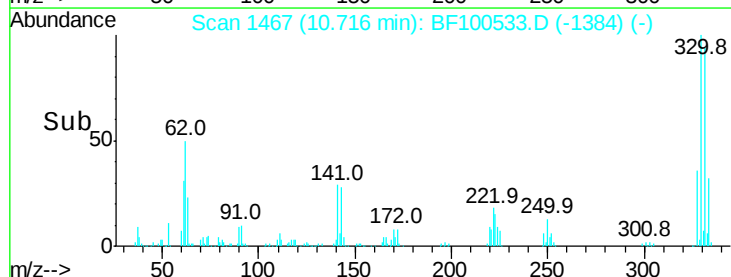
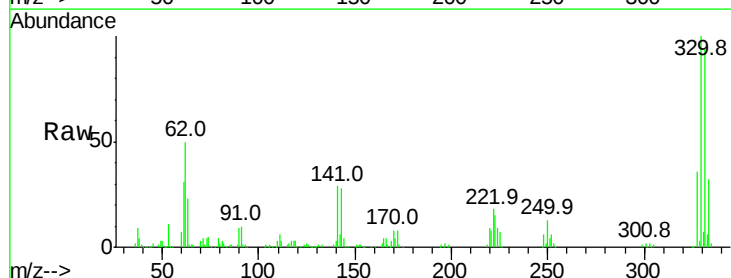
Tgt Ion:198 Resp: 447

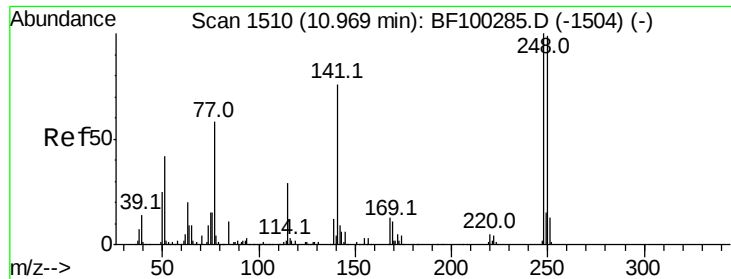
Ion Ratio Lower Upper

198 100

51 162.8 37.7 77.7#

105 168.0 36.3 76.3#

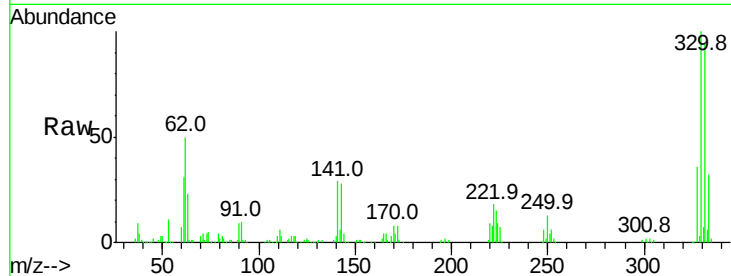




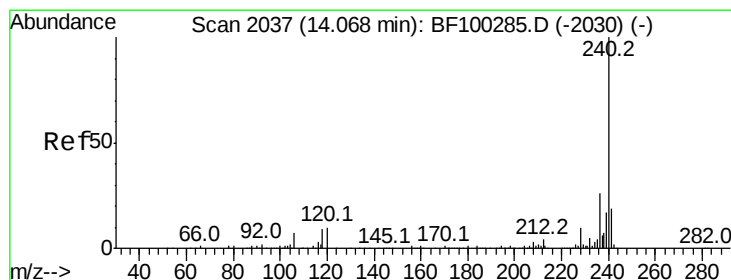
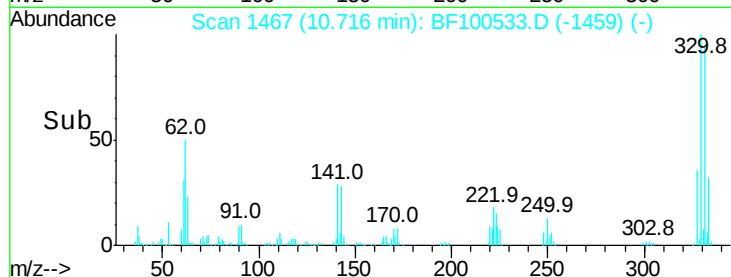
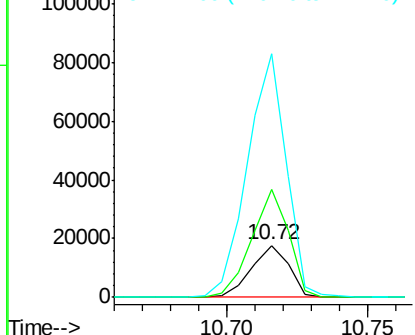
#66
4-Bromophenyl-phenylether
Concen: 5.002 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16260
Ion Ratio Lower Upper
248 100
250 209.5 76.9 115.3#
141 470.7 74.4 111.6#

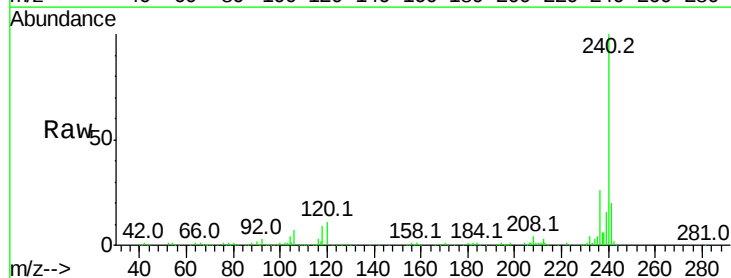


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

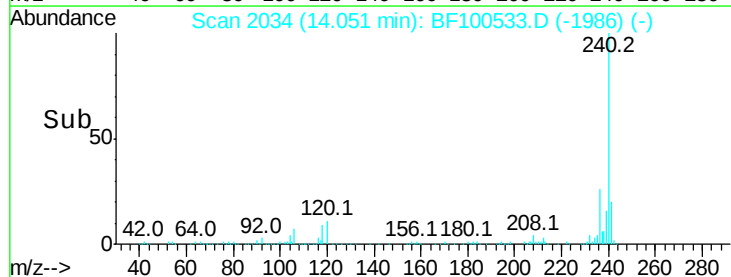
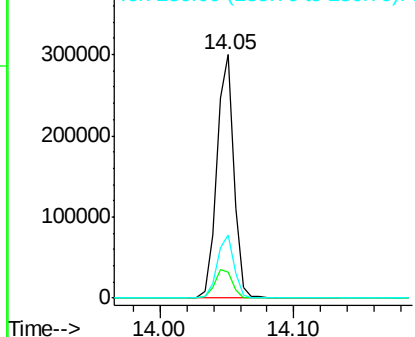


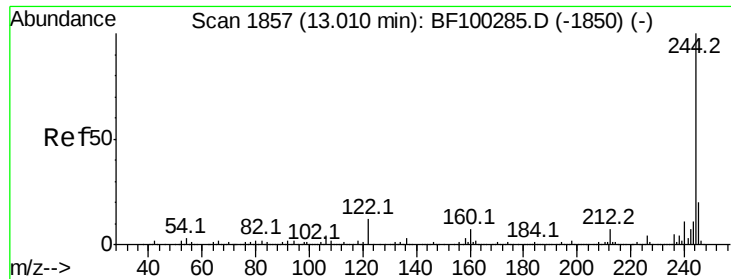
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF100533.D
Acq: 14 Nov 2017 9:00

Tgt Ion:240 Resp: 270041
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.1 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: 88.434 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

Instrument :

BNA_F

ClientSampled :

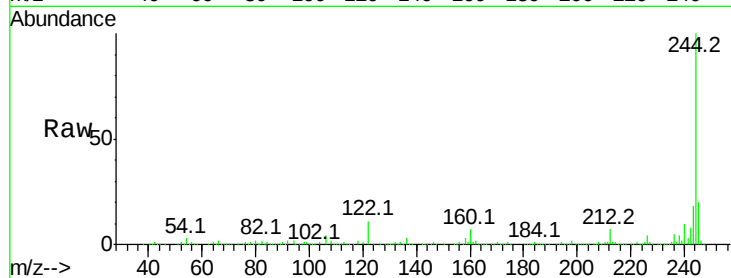
Tot Ion:244 Resp: 1039333

Ion Ratio Lower Upper

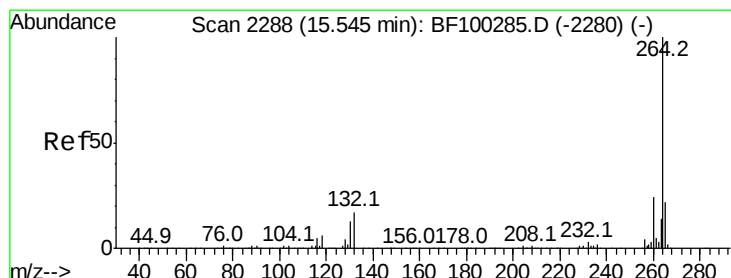
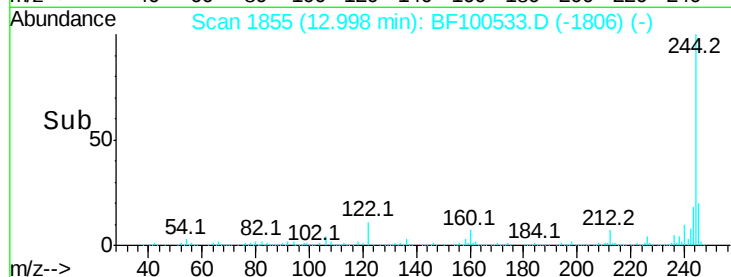
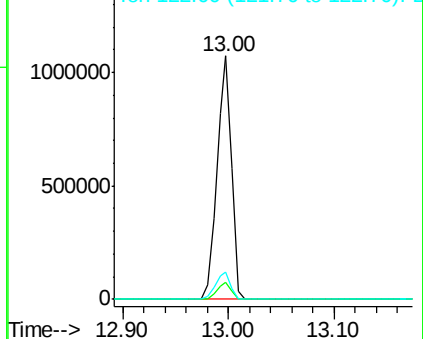
244 100

212 6.8 5.4 8.0

122 11.2 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: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BF100533.D

Acq: 14 Nov 2017 9:00

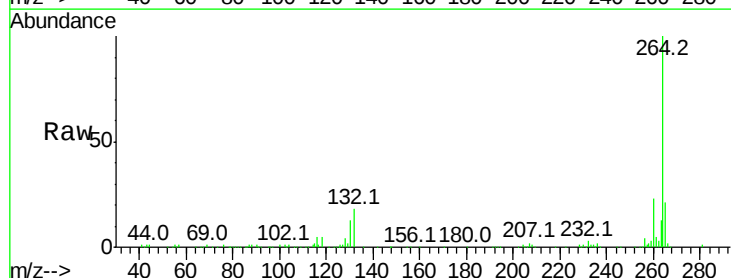
Tgt Ion:264 Resp: 208352

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.1 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

