

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100336.D
 Acq On : 9 Nov 2017 12:35
 Operator : SJ/JU
 Sample : I6354-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 16:06:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178073	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	670712	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	283098	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	453662	20.00	ng	0.00
75) Chrysene-d12	14.06	240	384067	20.00	ng	0.00
86) Perylene-d12	15.54	264	329712	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	907661	81.71	ng	0.01
7) Phenol-d6	6.52	99	1095047	79.94	ng	0.00
23) Nitrobenzene-d5	7.46	82	668037	65.85	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	210524	72.98	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1132980	60.94	ng	0.00
78) Terphenyl-d14	13.01	244	779772	46.65	ng	0.00

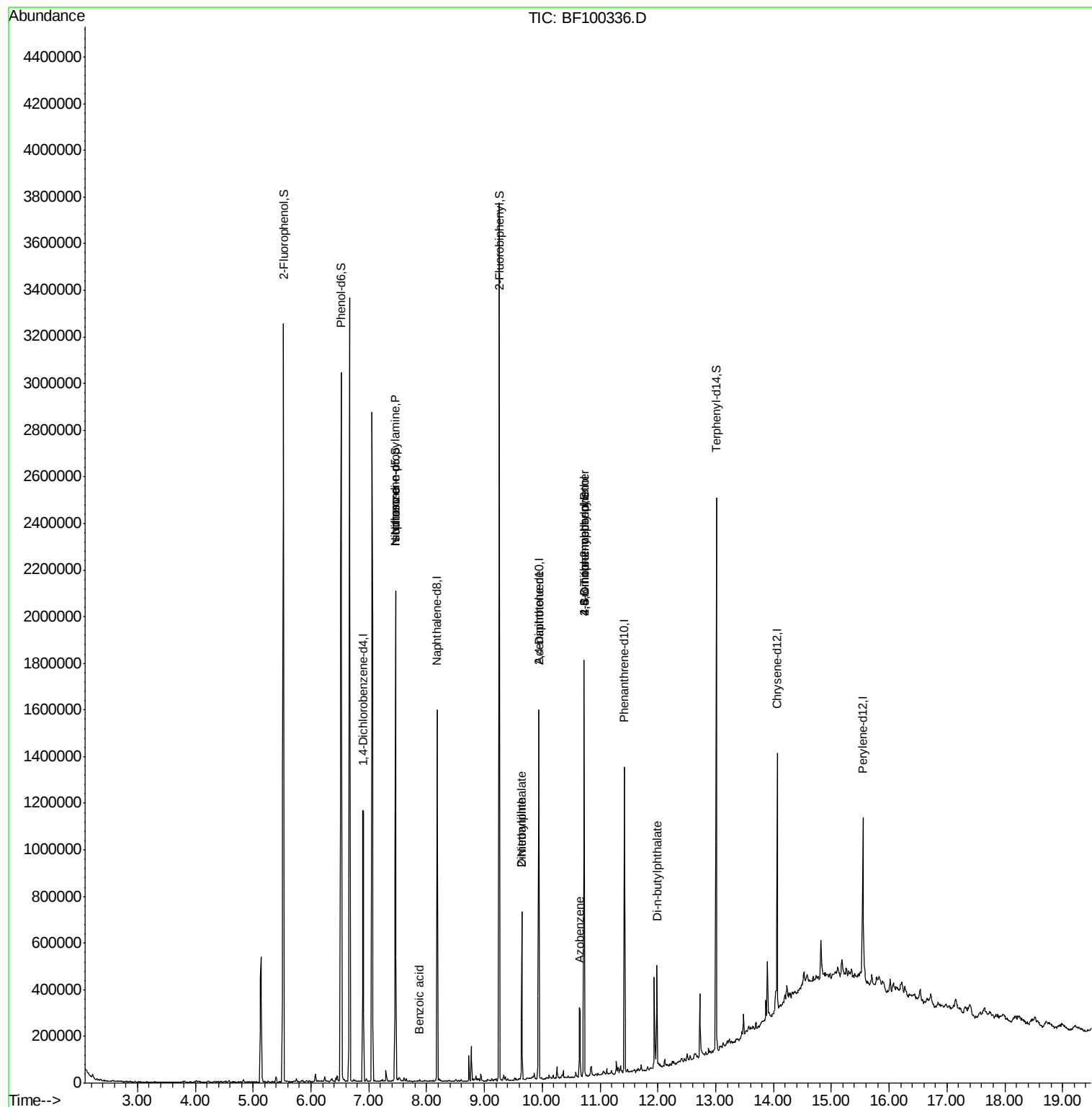
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	91640	9.646	ng	# 79
25) Isophorone	7.46	82	667867	31.328	ng	# 64
32) Benzoic acid	7.88	122	112	9.383	ng	# 81
47) 2-Nitroaniline	9.65	65	2842	3.294	ng	# 1
49) Dimethylphthalate	9.65	163	275896	12.764	ng	100
56) 2,4-Dinitrotoluene	9.94	165	35929	6.657	ng	# 23
62) Azobenzene	10.65	77	52824	2.593	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	429	8.724	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	13882	2.855	ng	# 1
73) Di-n-butylphthalate	11.98	149	185339	7.083	ng	98

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

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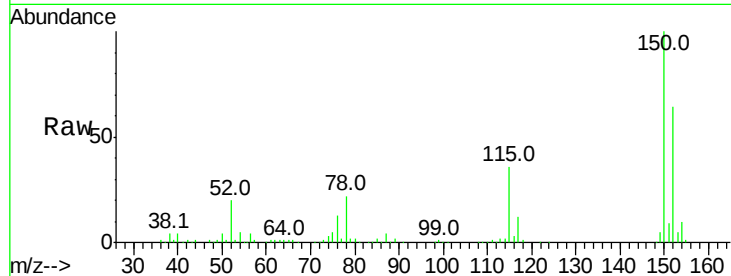




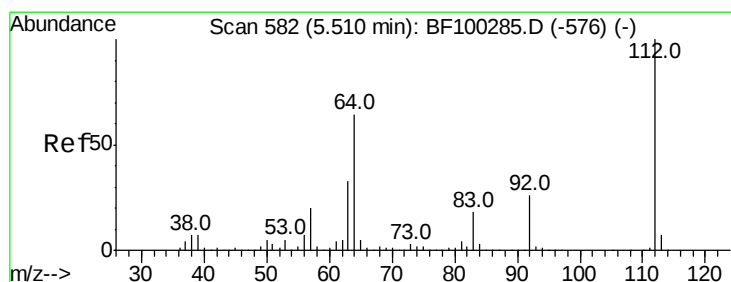
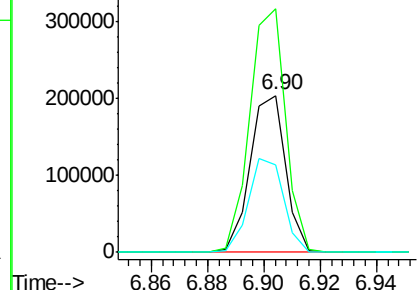
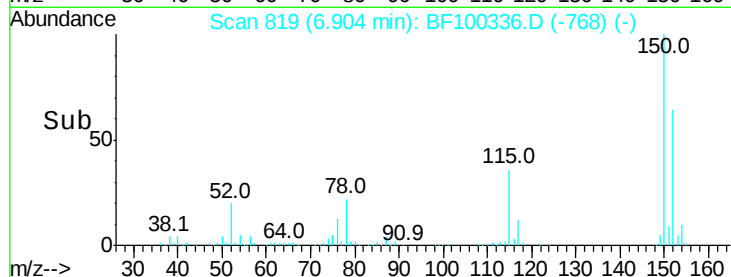
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF100336.D
 Acq: 9 Nov 2017 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 178073
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.6 186.8
 115 55.6 50.1 75.1

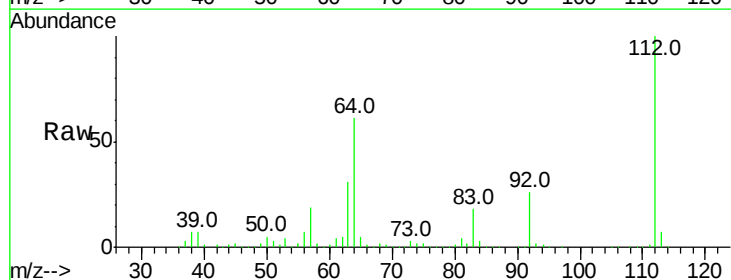


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

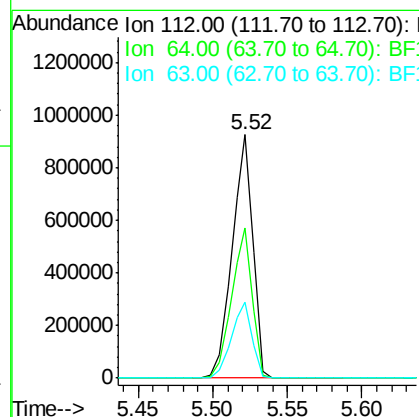
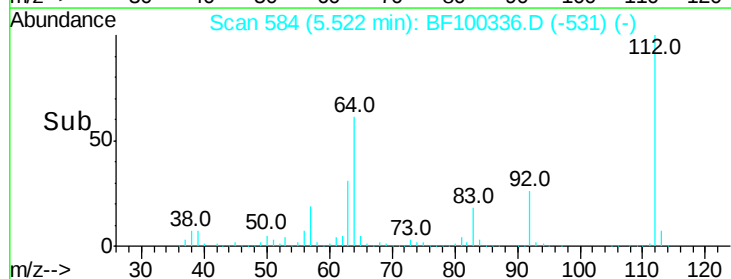


#5
 2-Fluorophenol
 Concen: 81.706 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100336.D
 Acq: 9 Nov 2017 12:35

Tgt Ion:112 Resp: 907661
 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: 79.938 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF100336.D

Acq: 9 Nov 2017 12:35

Instrument :

BNA_F

ClientSampled :

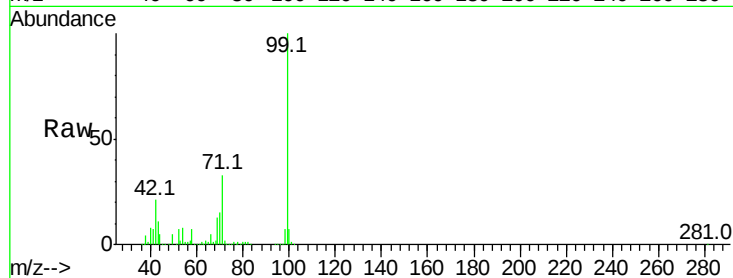
Tot Ion: 99 Resp: 1095047

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

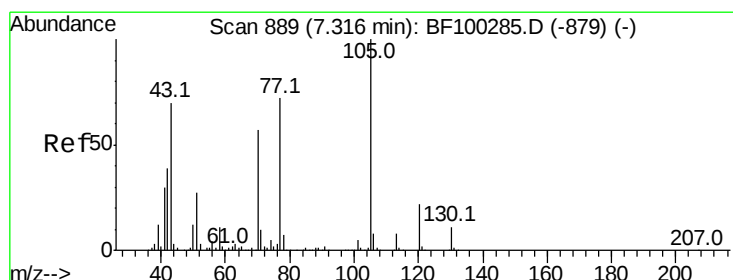
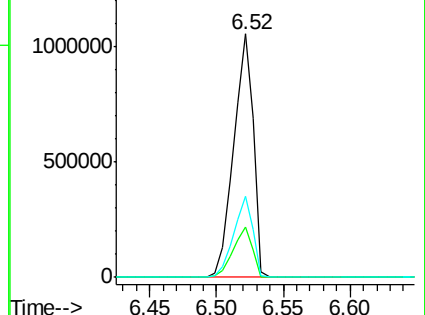
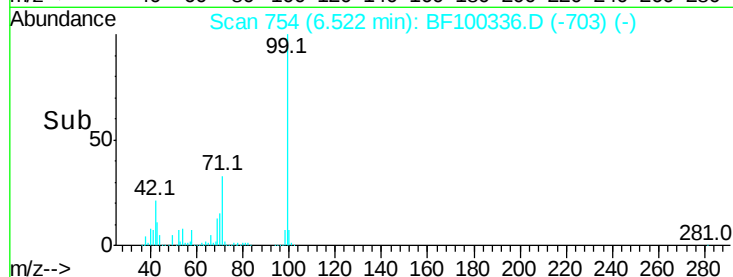
71 33.5 25.4 38.0



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: 9.646 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100336.D

Acq: 9 Nov 2017 12:35

Tgt Ion: 70 Resp: 91640

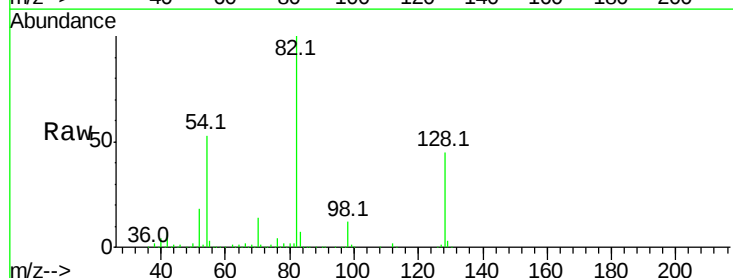
Ion Ratio Lower Upper

70 100

42 49.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

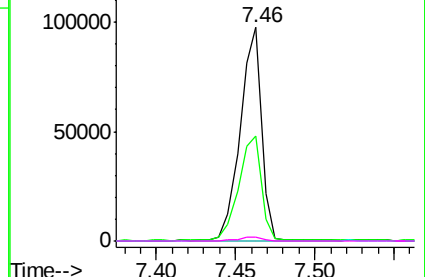
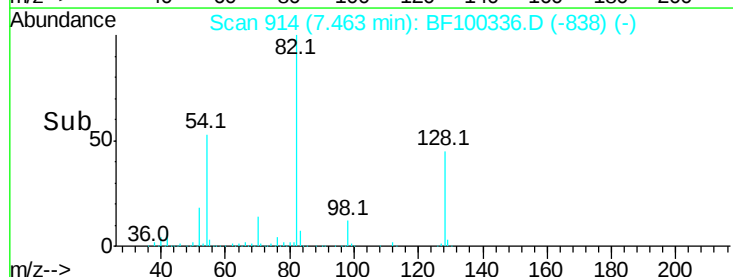


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

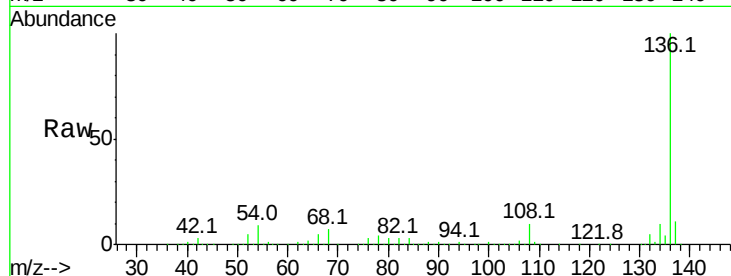




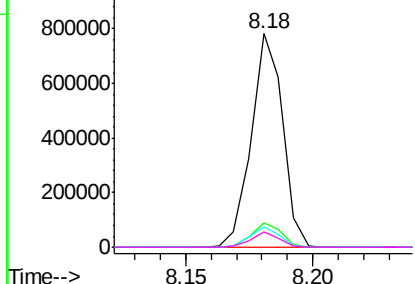
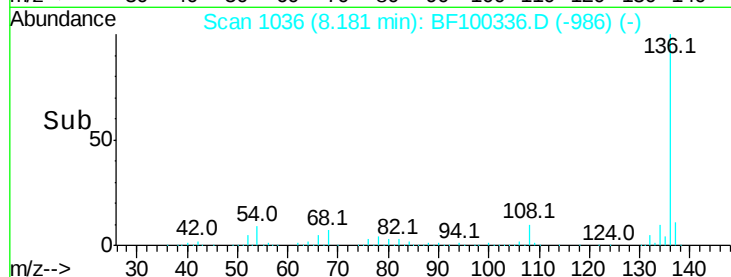
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 670712
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 9.4	6.6 9.8
68 7.2	5.0 7.4

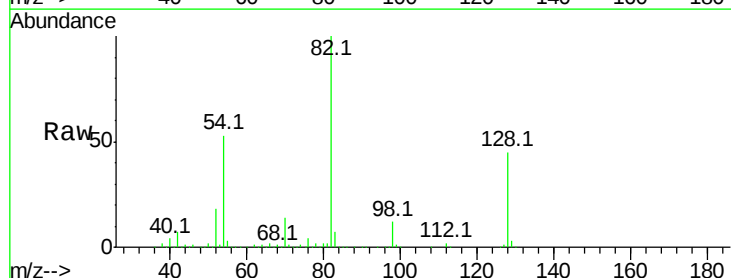


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

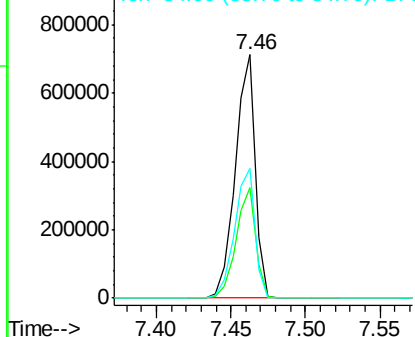
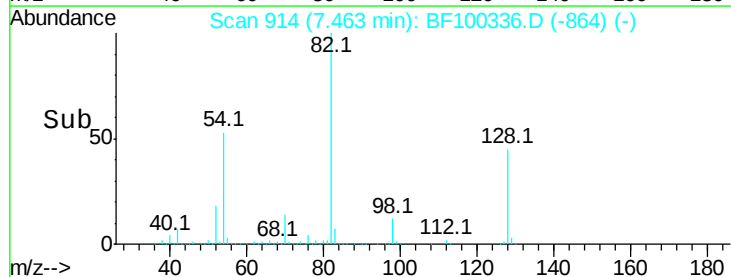


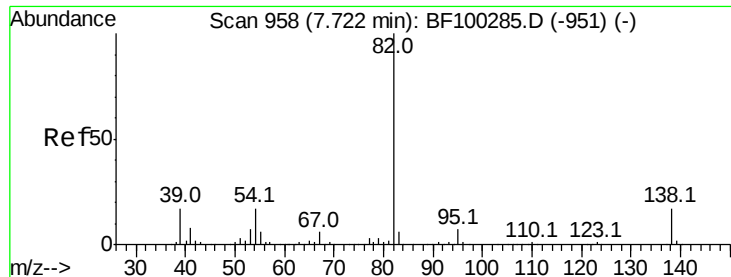
#23
Nitrobenzene-d5
Concen: 65.850 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Tgt	Ion: 82	Resp:	668037
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	53.4	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: 31.328 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100336.D

Acq: 9 Nov 2017 12:35

Instrument :

BNA_F

ClientSampleId :

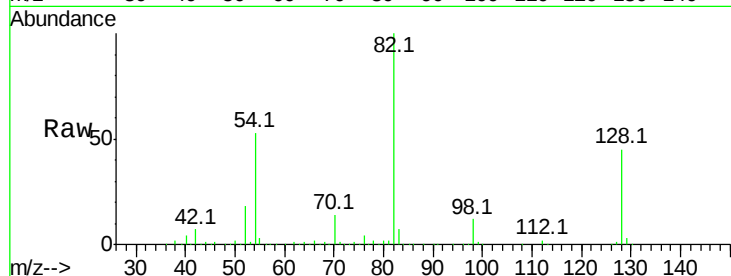
Tot Ion: 82 Resp: 667867

Ion Ratio Lower Upper

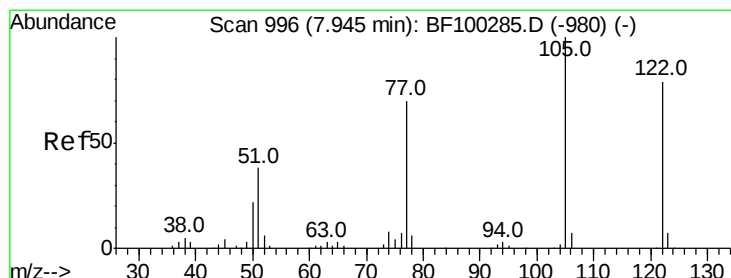
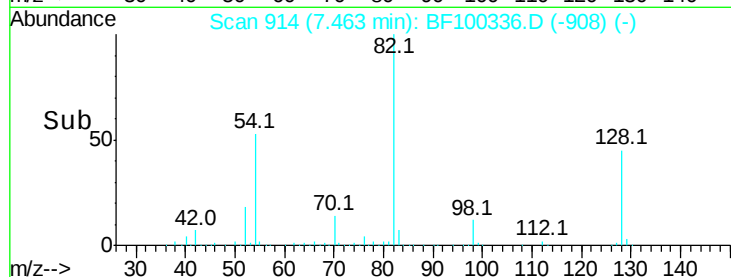
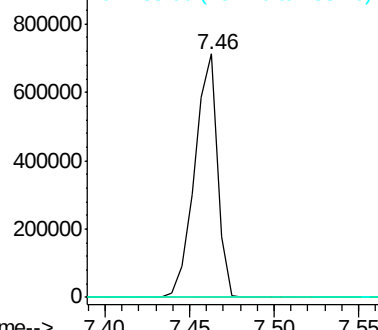
82 100

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: 9.383 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.07 min

Lab File: BF100336.D

Acq: 9 Nov 2017 12:35

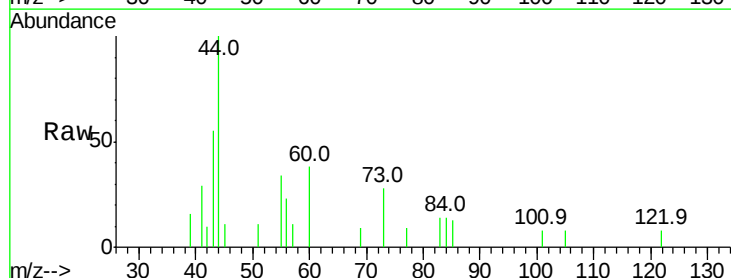
Tgt Ion: 122 Resp: 112

Ion Ratio Lower Upper

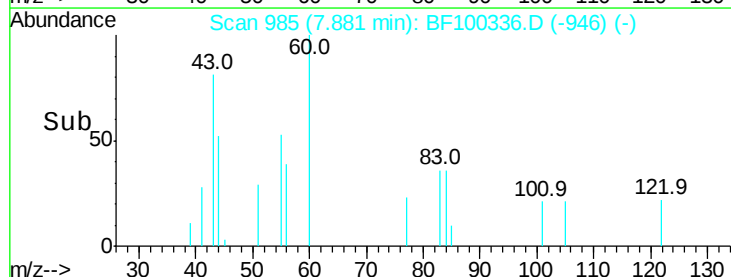
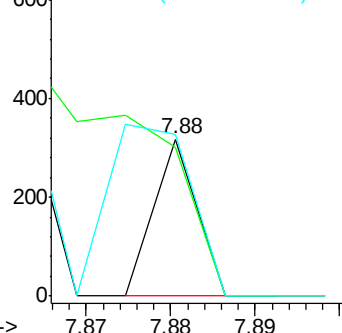
122 100

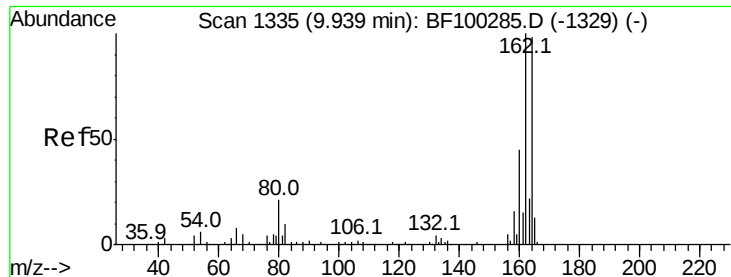
105 94.6 101.1 141.1#

77 102.8 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

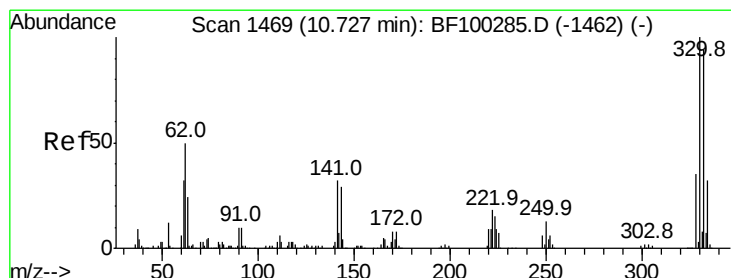
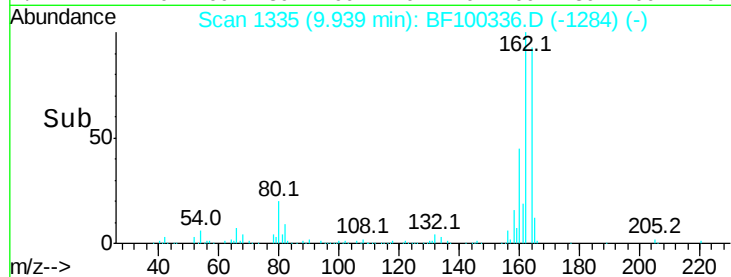
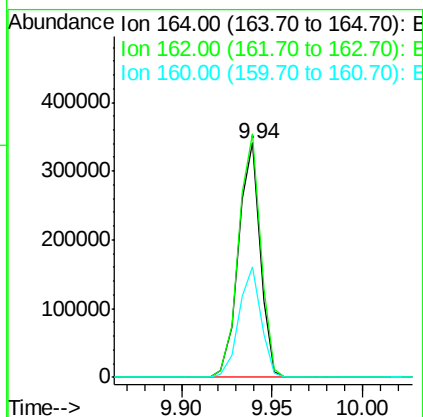
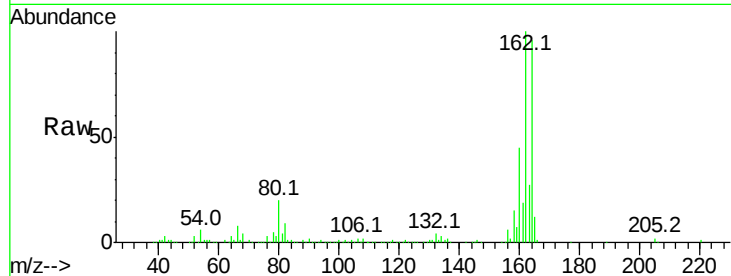




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF100336.D
 Acq: 9 Nov 2017 12:35

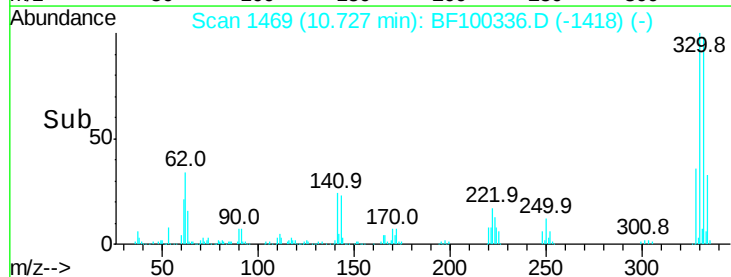
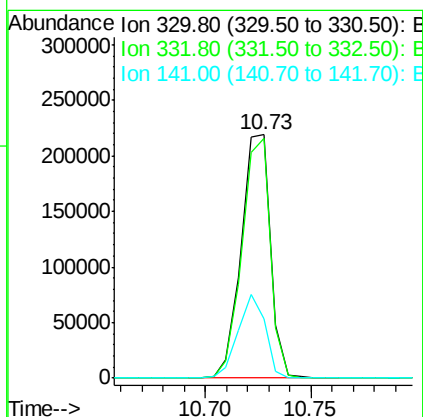
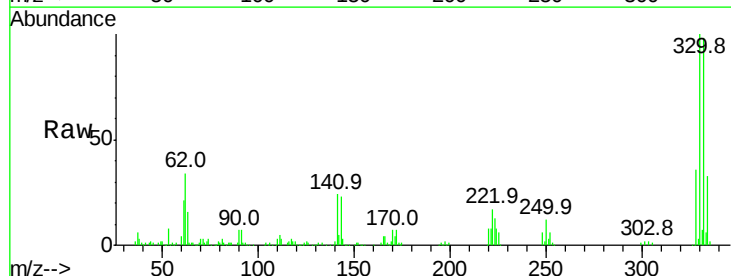
Instrument :
 BNA_F
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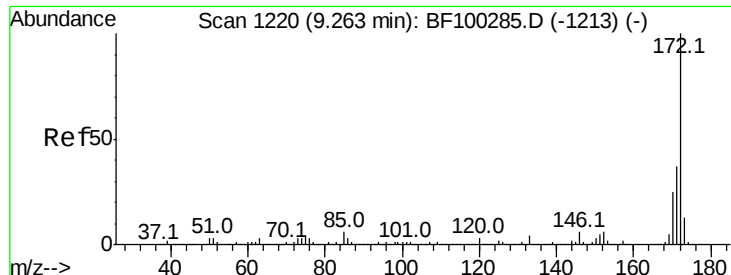
Tot Ion:164 Resp: 283098
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 47.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 72.978 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100336.D
 Acq: 9 Nov 2017 12:35

Tgt Ion:330 Resp: 210524
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.0 29.9 44.9

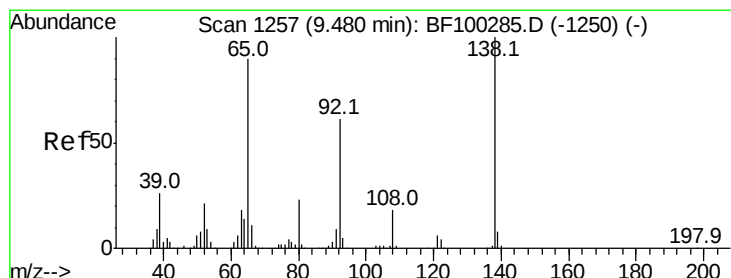
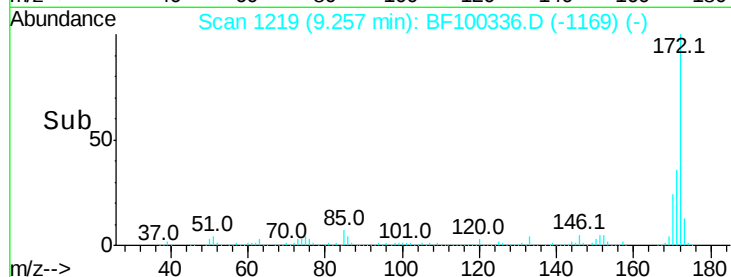
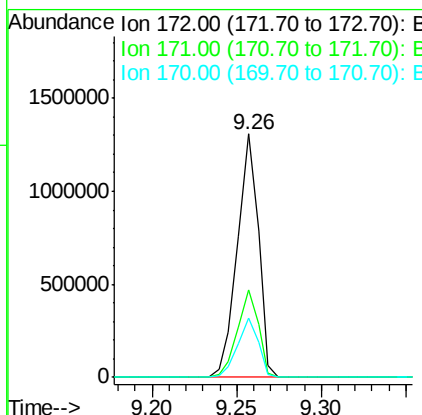
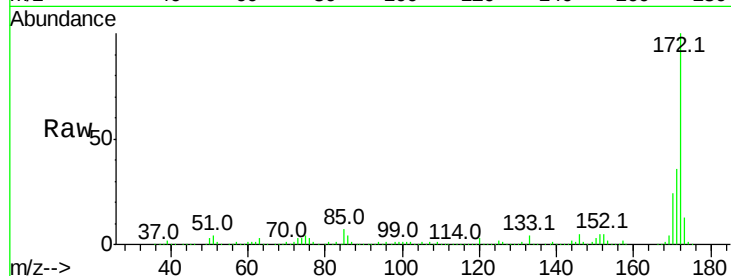




#44
2-Fluorobiphenyl
Concen: 60.940 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

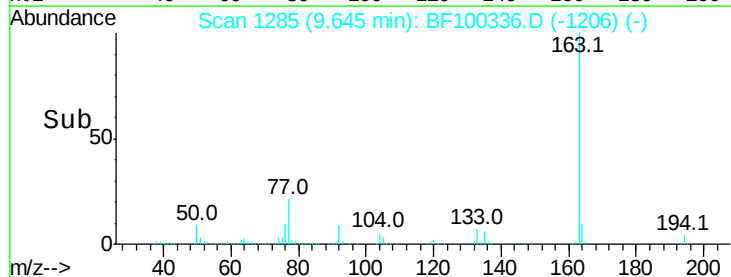
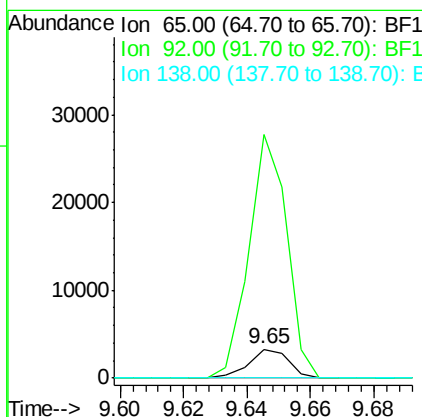
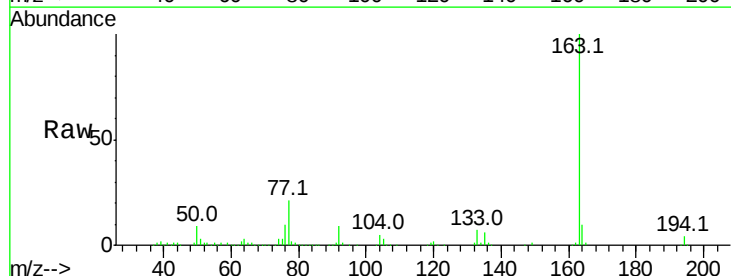
Instrument :
BNA_F
ClientSampleId :

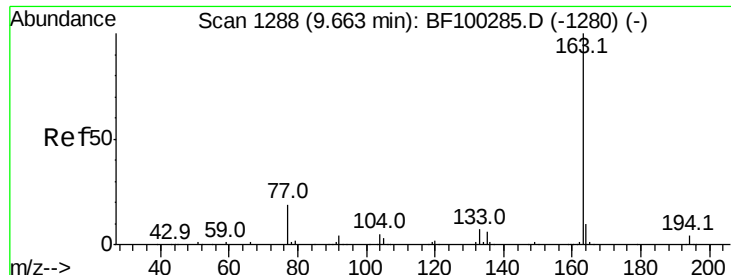
Tot Ion:172 Resp: 1132980
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.2 19.6 29.4



#47
2-Nitroaniline
Concen: 3.294 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Tgt Ion: 65 Resp: 2842
Ion Ratio Lower Upper
65 100
92 840.7 55.8 83.6#
138 0.0 91.2 136.8#

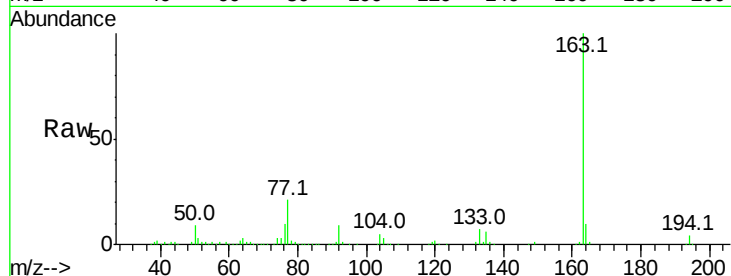




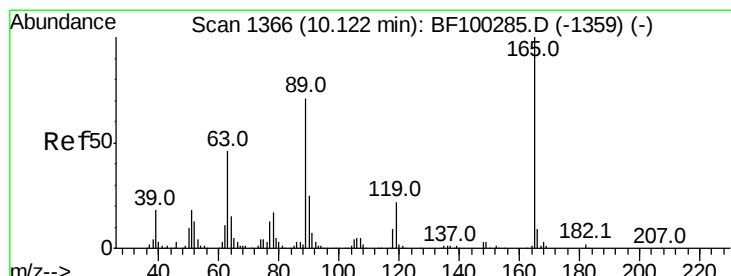
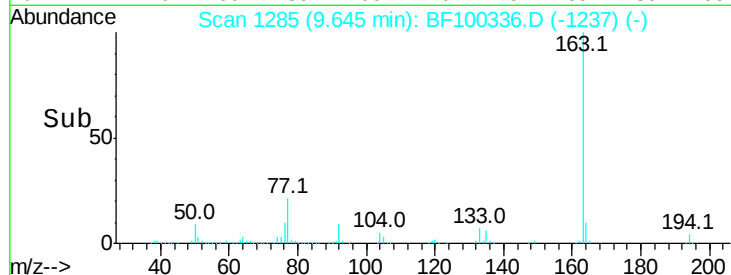
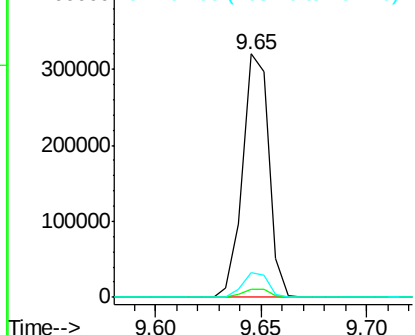
#49
Dimethylphthalate
Concen: 12.764 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.4	8.2	12.2

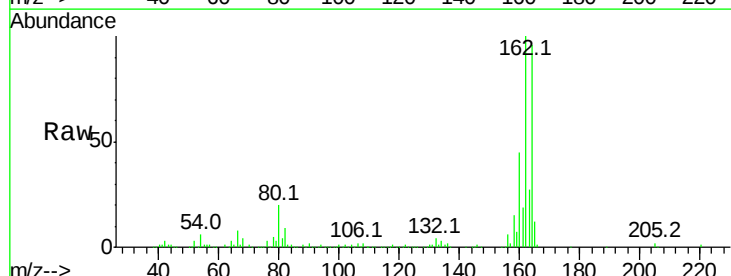


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

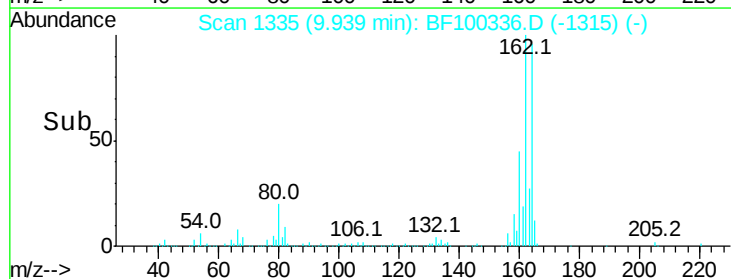
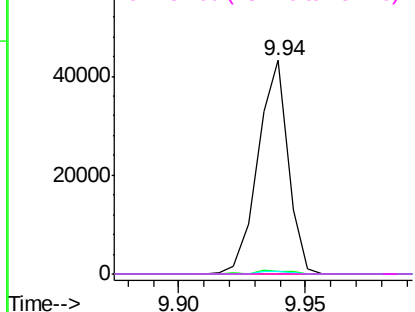


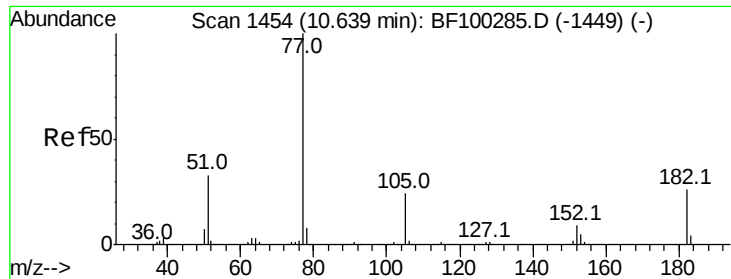
#56
2,4-Dinitrotoluene
Concen: 6.657 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.18 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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: 2.593 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF100336.D

Acq: 9 Nov 2017 12:35

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 52824

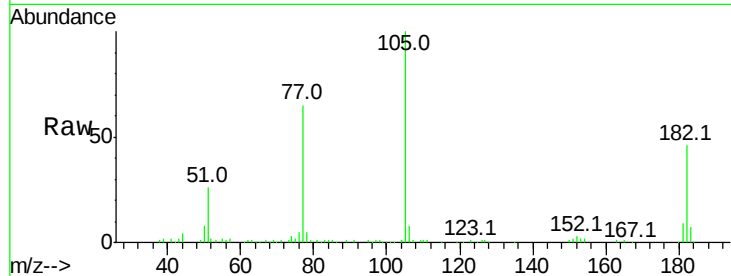
Ion Ratio Lower Upper

77 100

182 70.0 1.7 41.7#

105 152.9 3.0 43.0#

51 39.5 9.9 49.9

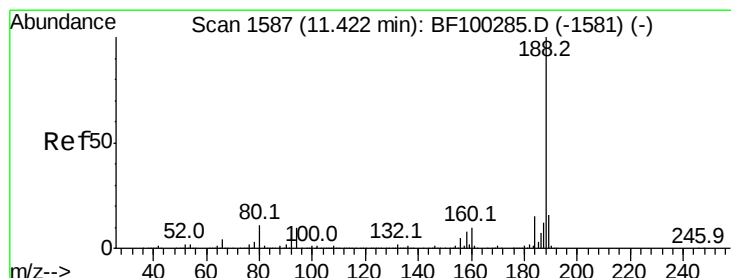
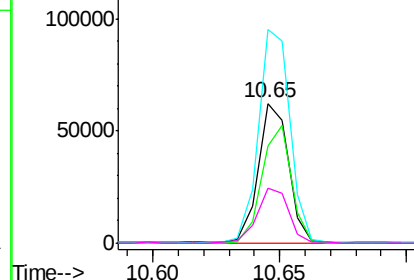
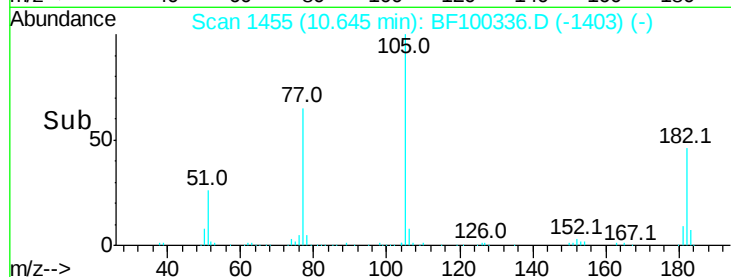


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100336.D

Acq: 9 Nov 2017 12:35

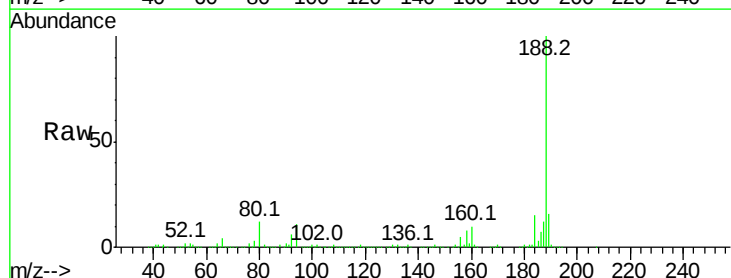
Tgt Ion: 188 Resp: 453662

Ion Ratio Lower Upper

188 100

94 11.1 8.5 12.7

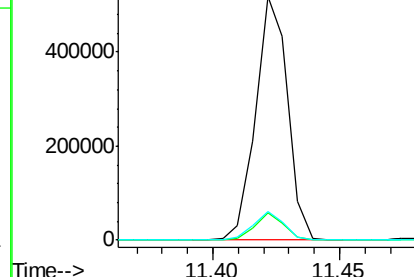
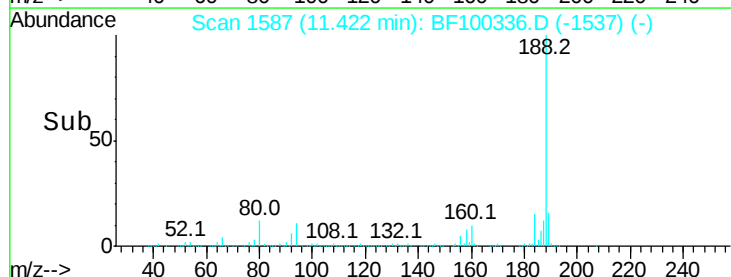
80 11.9 9.2 13.8

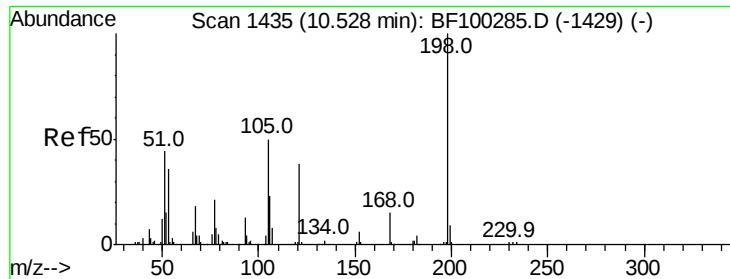


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

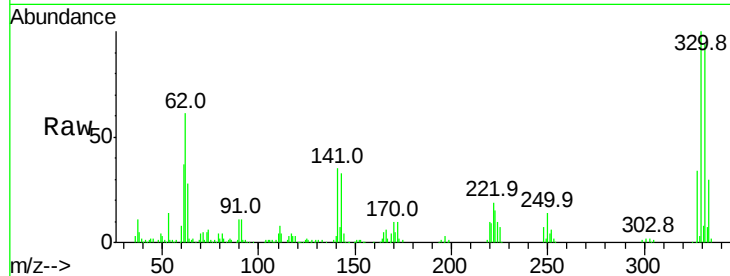




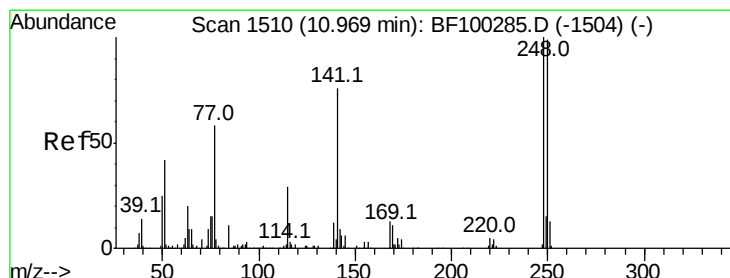
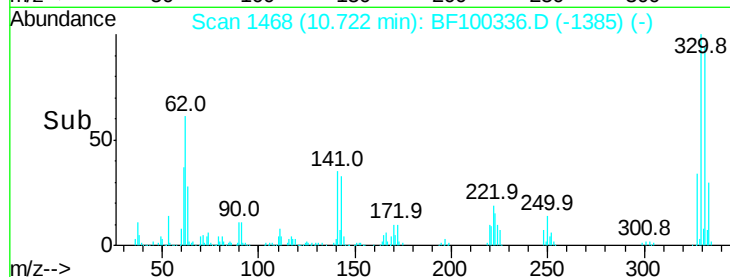
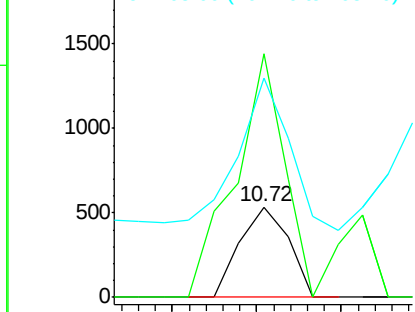
#64
4,6-Dinitro-2-methylphenol
Concen: 8.724 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 429
Ion Ratio Lower Upper
198 100
51 268.5 37.7 77.7#
105 242.3 36.3 76.3#

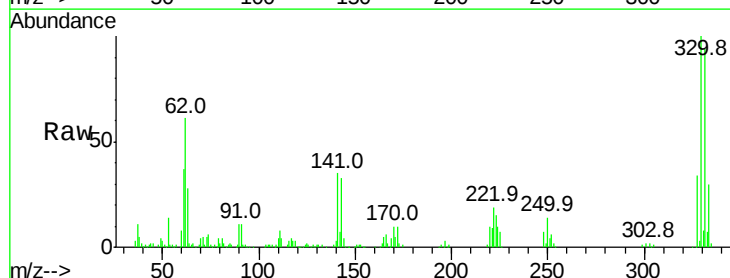


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

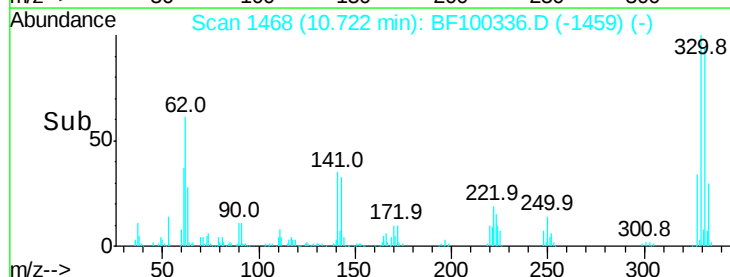
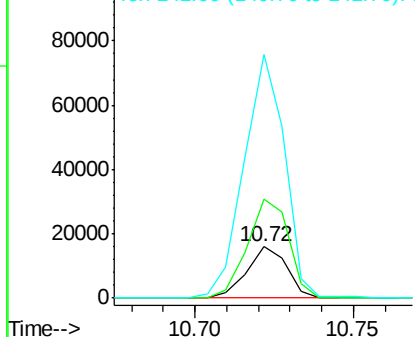


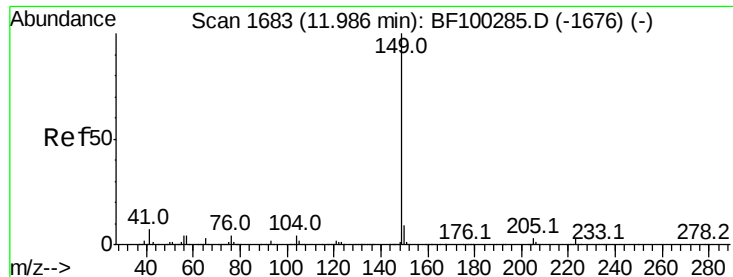
#66
4-Bromophenyl-phenylether
Concen: 2.855 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Tgt Ion:248 Resp: 13882
Ion Ratio Lower Upper
248 100
250 192.6 76.9 115.3#
141 476.7 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

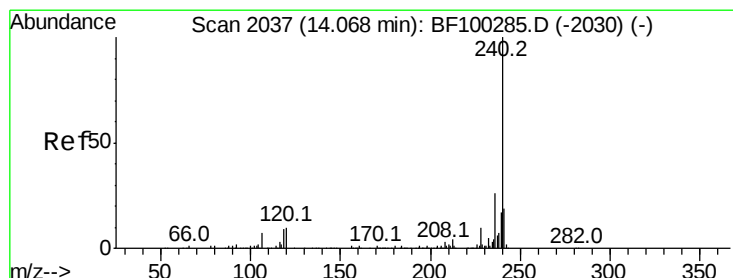
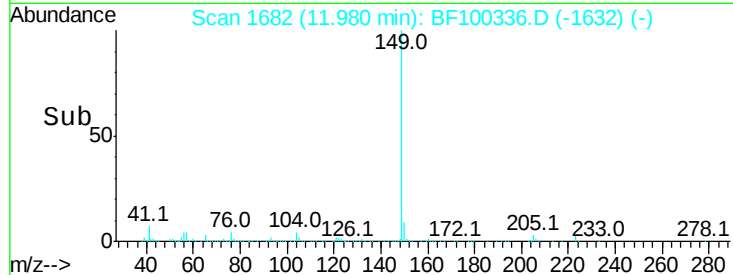
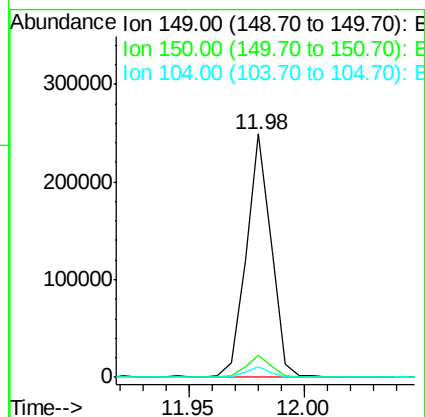
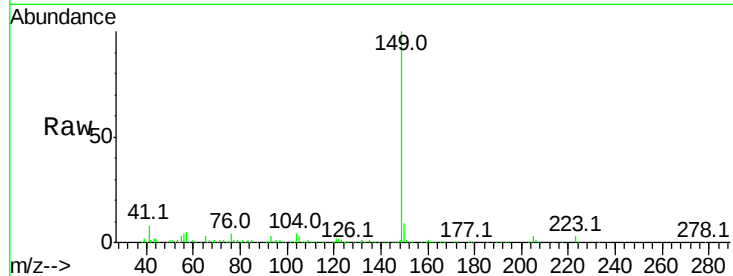




#73
Di-n-butylphthalate
Concen: 7.083 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

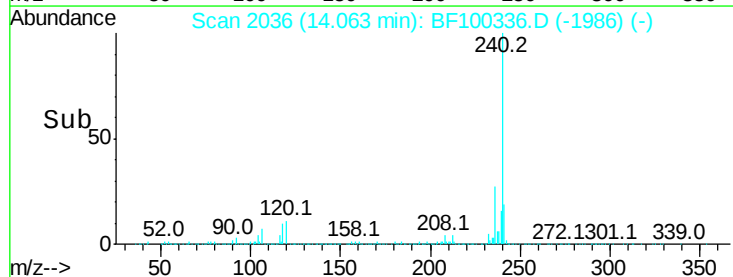
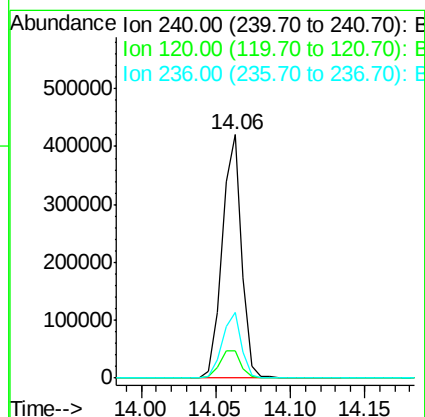
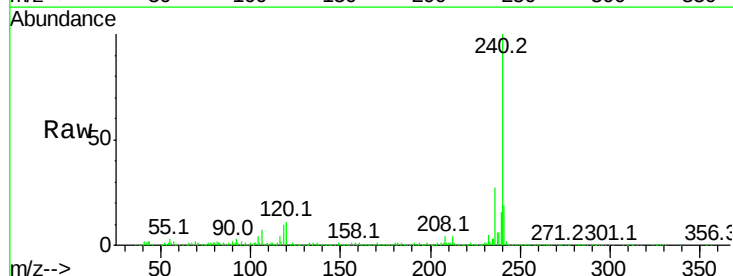
Instrument :
BNA_F
ClientSampleId :

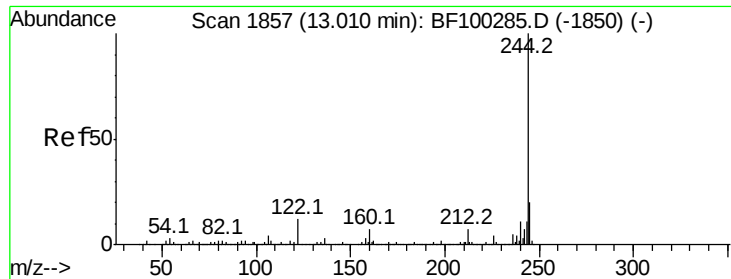
Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.6
104	4.2	3.8	5.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100336.D
Acq: 9 Nov 2017 12:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	27.0	20.7	31.1

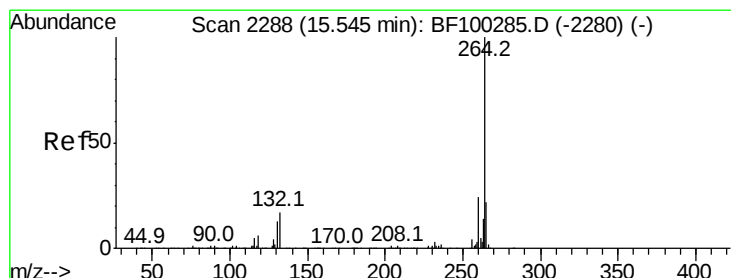
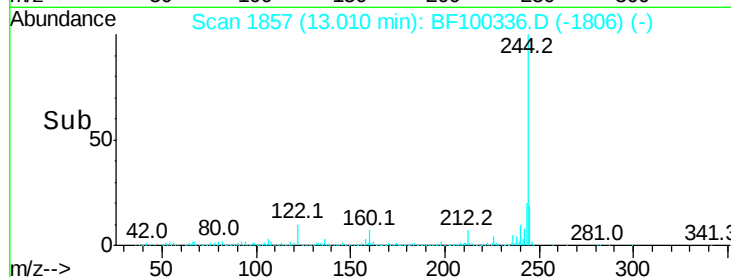
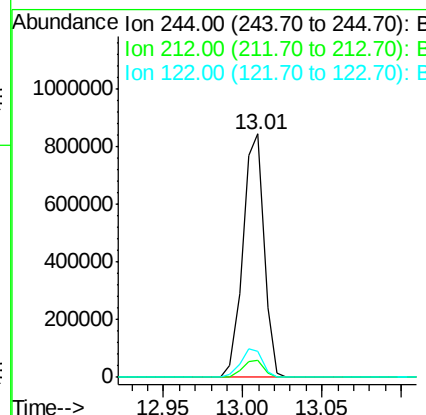
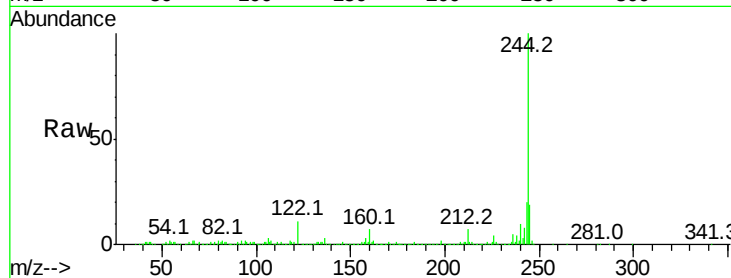




#78
 Terphenyl-d14
 Concen: 46.650 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.00 min
 Lab File: BF100336.D
 Acq: 9 Nov 2017 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 779772
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF100336.D
 Acq: 9 Nov 2017 12:35

Tgt Ion:264 Resp: 329712
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.4 17.5 26.3

