

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100406.D
 Acq On : 10 Nov 2017 22:04
 Operator : SJ/JU
 Sample : I6388-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 23:15:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	167422	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	622670	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	256942	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	410876	20.00	ng	0.00
75) Chrysene-d12	14.06	240	340899	20.00	ng	0.00
86) Perylene-d12	15.54	264	264590	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	782536	74.92	ng	0.00
7) Phenol-d6	6.53	99	936783	72.74	ng	0.00
23) Nitrobenzene-d5	7.46	82	563480	59.83	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	168560	64.38	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	998332	59.16	ng	0.00
78) Terphenyl-d14	13.01	244	702057	47.32	ng	0.00

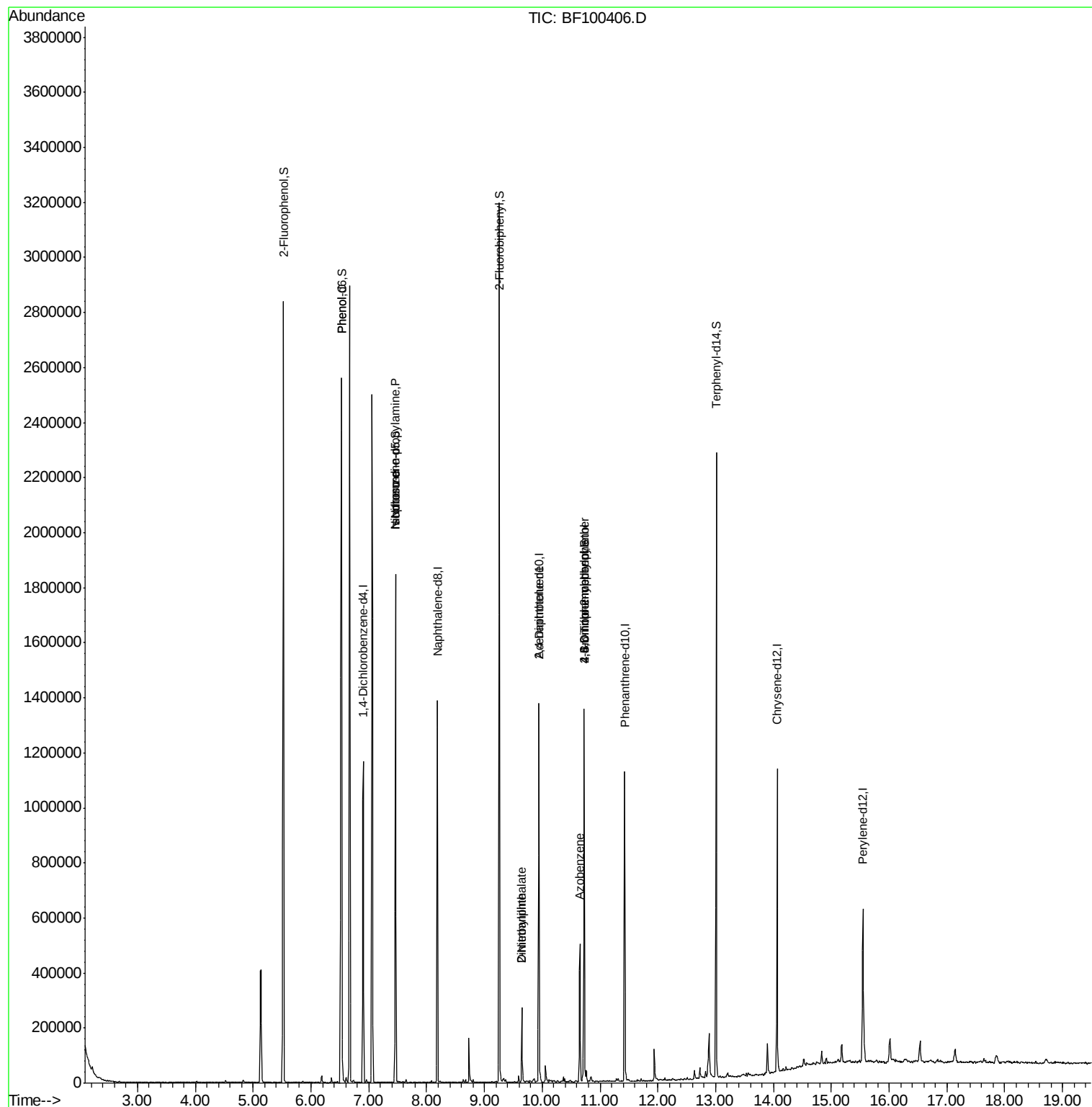
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	41255	3.051	ng	88
19) n-Nitroso-di-n-propylamine	7.46	70	73697	8.251	ng	# 81
25) Isophorone	7.46	82	560003	28.295	ng	# 64
47) 2-Nitroaniline	9.65	65	1044	2.990	ng	# 1
49) Dimethylphthalate	9.65	163	119705	6.102	ng	99
56) 2,4-Dinitrotoluene	9.94	165	33376	6.813	ng	# 23
62) Azobenzene	10.65	77	82828	4.480	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	245	8.667	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	10777	2.447	ng	# 1

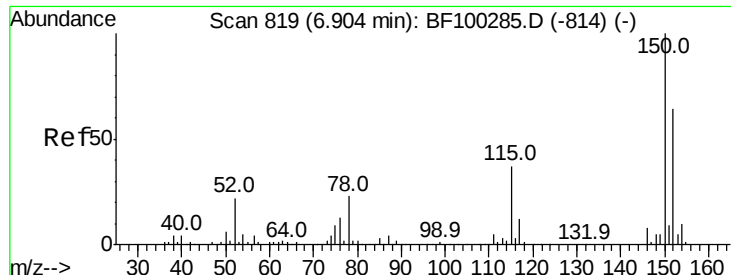
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
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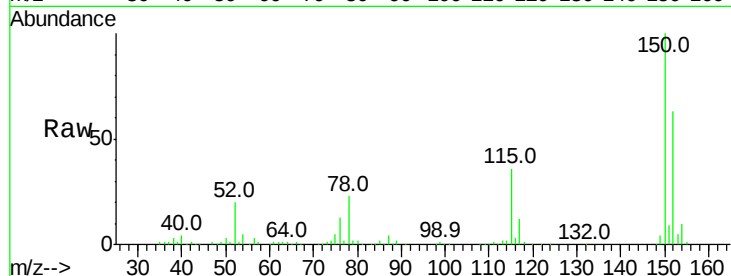


#1

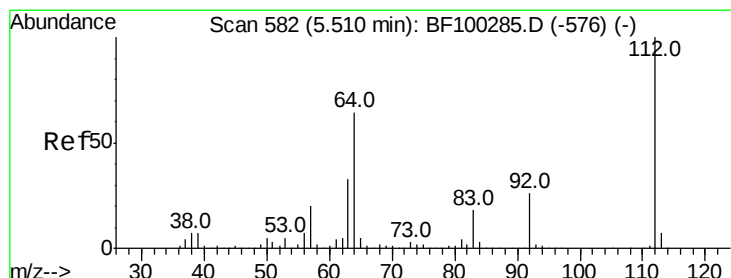
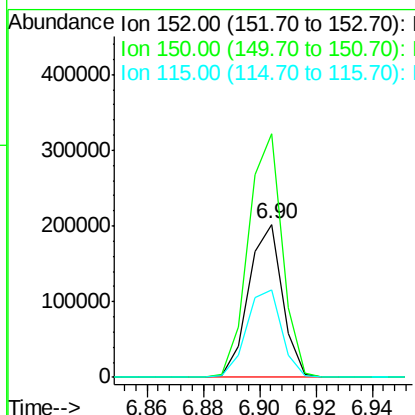
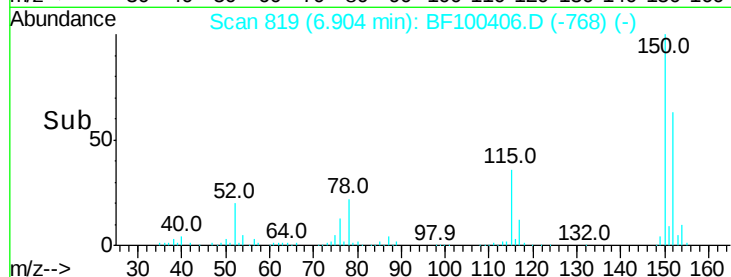
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167422
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 57.0 50.1 75.1



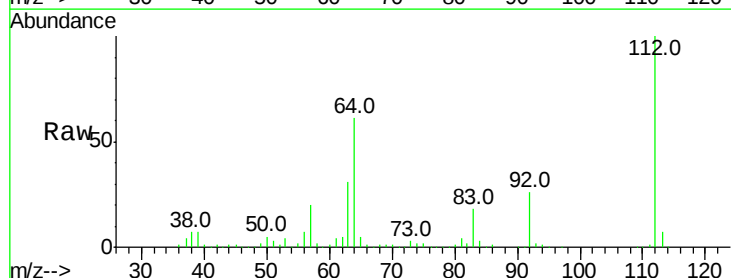
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



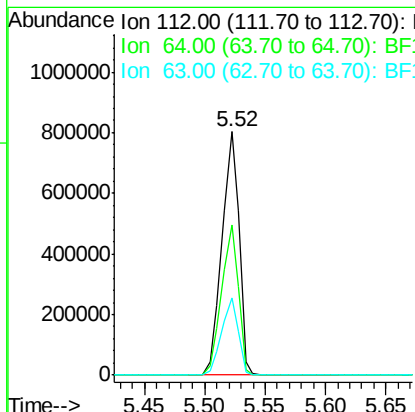
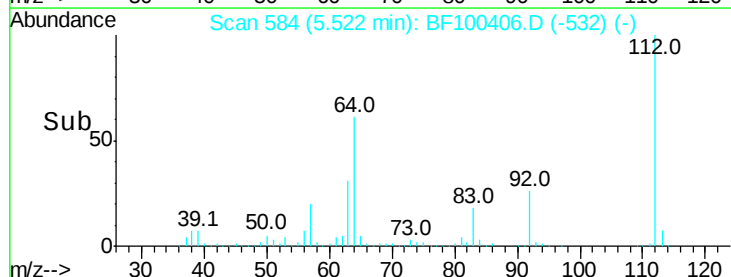
#5

2-Fluorophenol
Concen: 74.924 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

Tgt Ion:112 Resp: 782536
Ion Ratio Lower Upper
112 100
64 61.5 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: 72.736 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

Instrument :

BNA_F

ClientSampled :

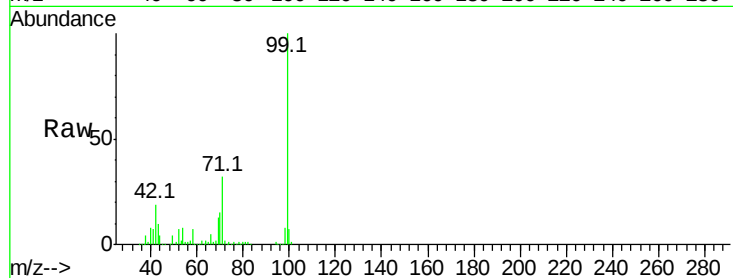
Tot Ion: 99 Resp: 936783

Ion Ratio Lower Upper

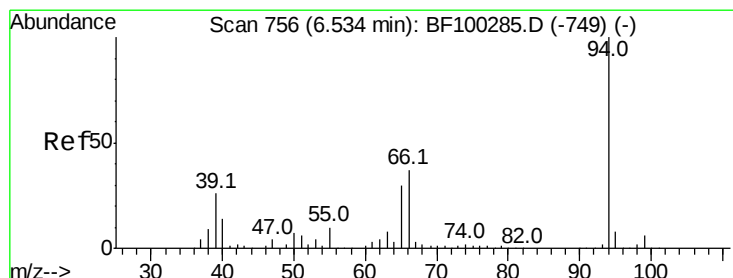
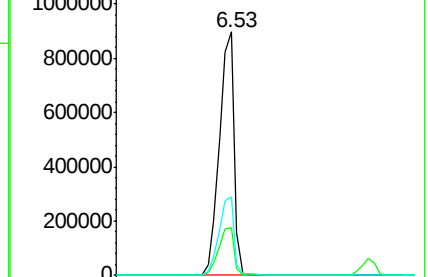
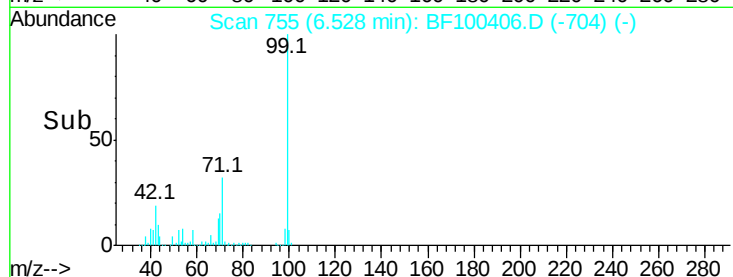
99 100

42 19.4 14.5 21.7

71 32.2 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: 3.051 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

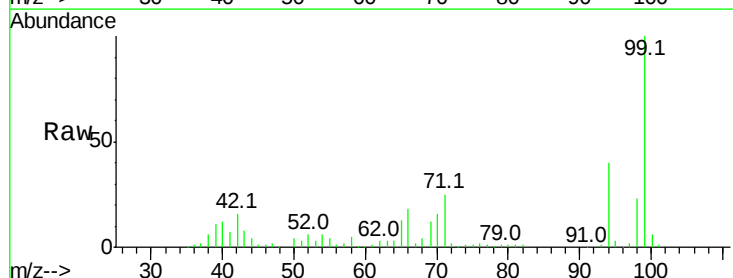
Tgt Ion: 94 Resp: 41255

Ion Ratio Lower Upper

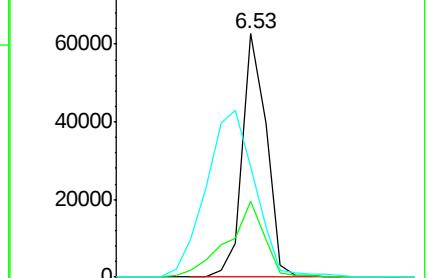
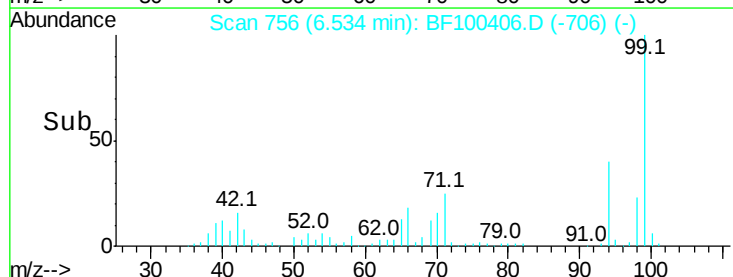
94 100

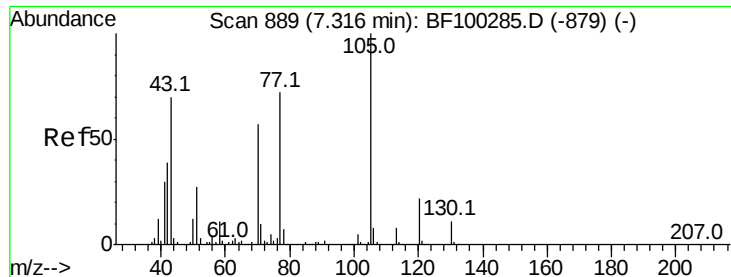
65 31.3 7.9 47.9

66 45.4 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

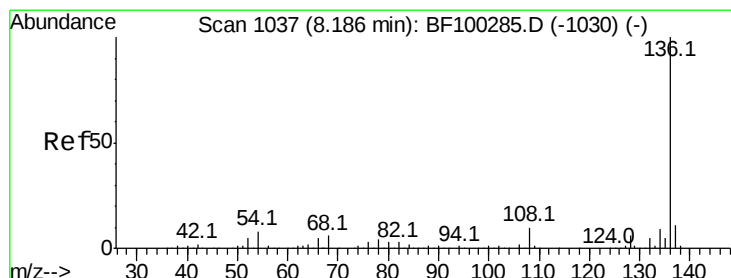
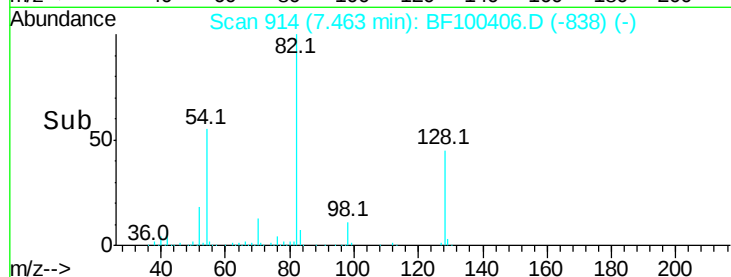
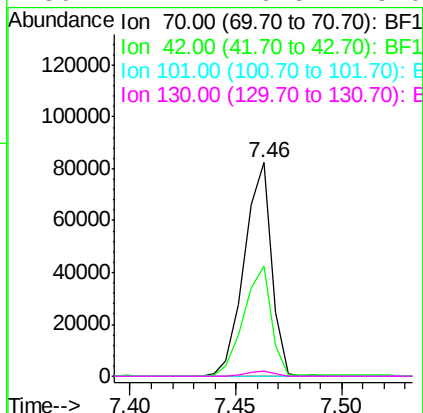
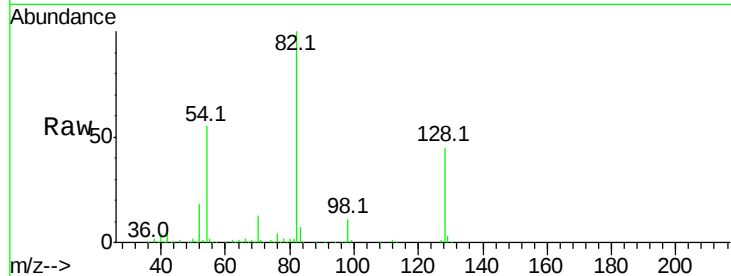




#19
n-Nitroso-di-n-propylamine
Concen: 8.251 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

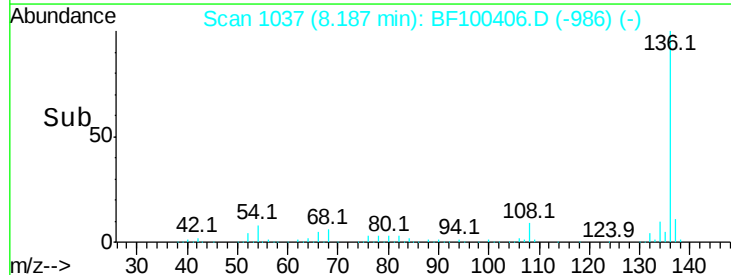
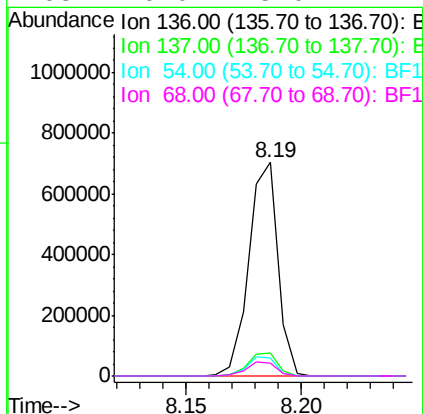
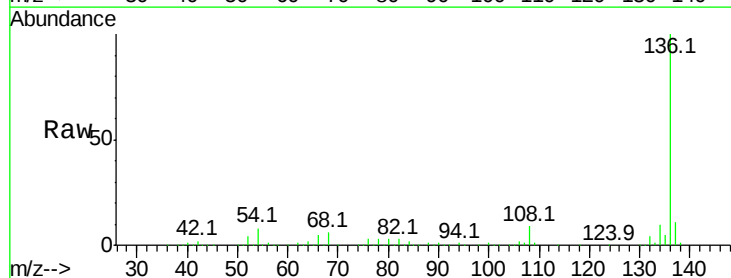
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 73697
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

Tgt Ion:136 Resp: 622670
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.6 9.8
68 6.0 5.0 7.4

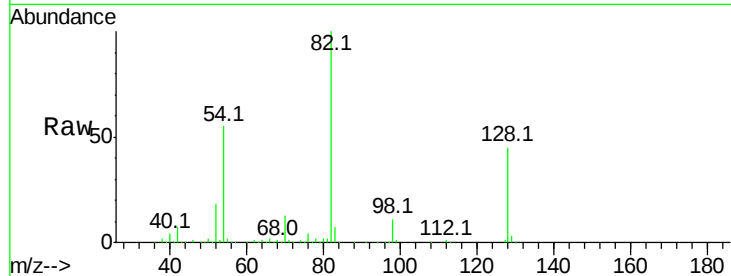




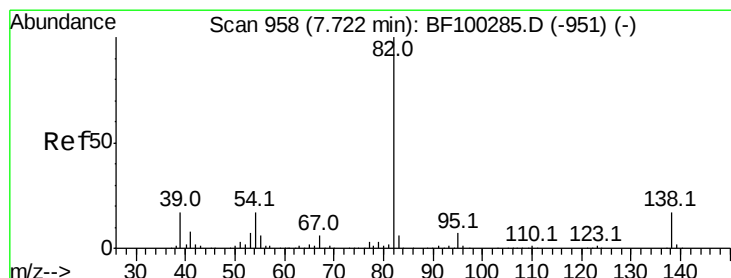
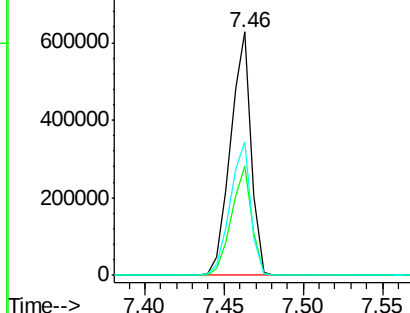
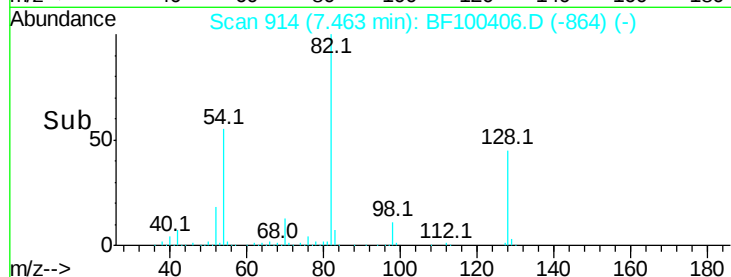
#23
 Nitrobenzene-d5
 Concen: 59.829 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100406.D
 Acq: 10 Nov 2017 22:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	563480
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	54.8	41.4	62.2

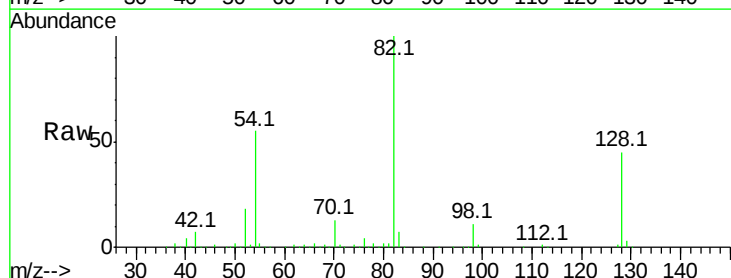


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

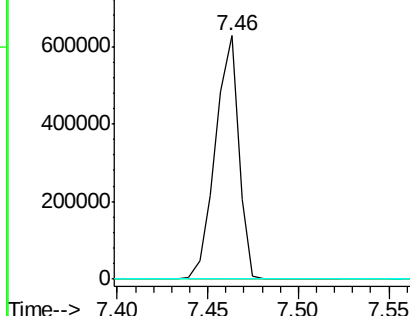
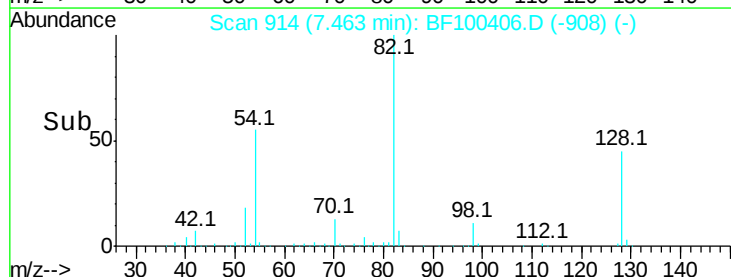


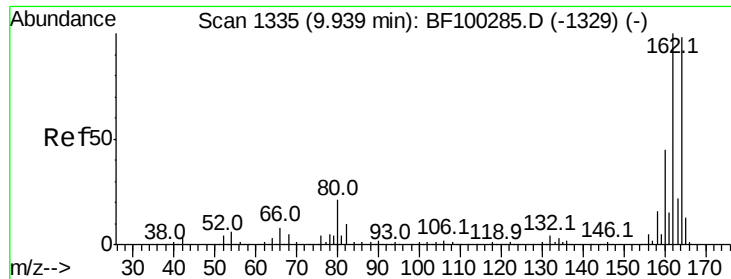
#25
 Isophorone
 Concen: 28.295 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.26 min
 Lab File: BF100406.D
 Acq: 10 Nov 2017 22:04

Tgt Ion	82	Resp	560003
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

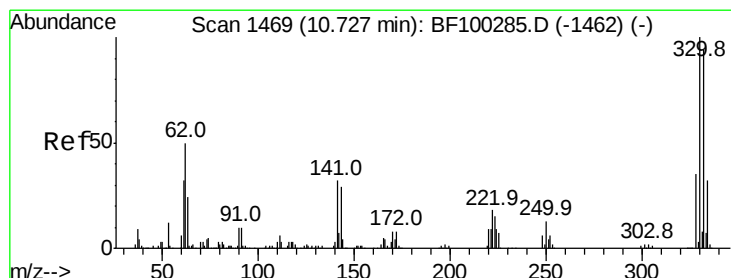
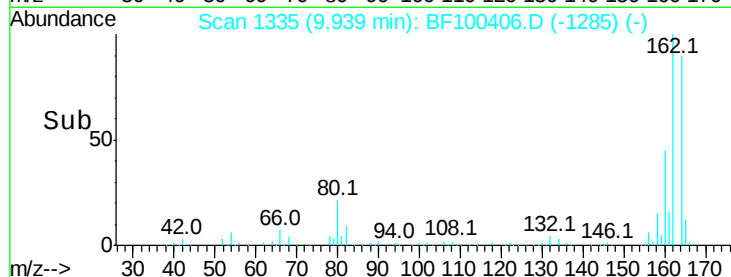
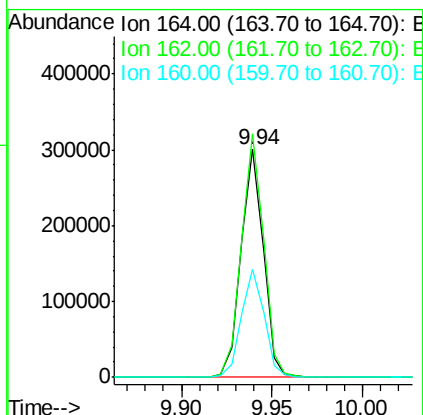
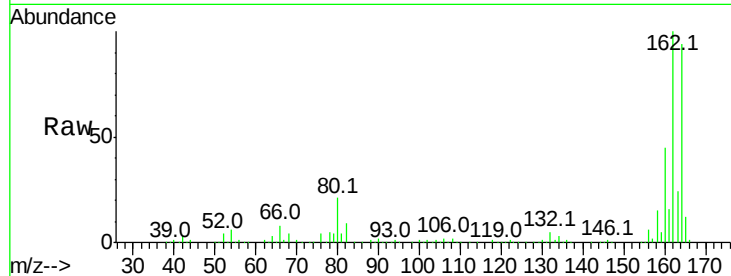




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

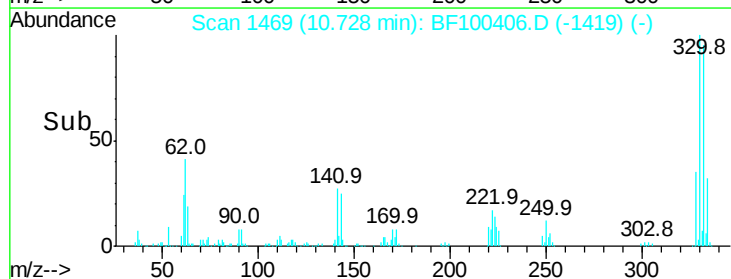
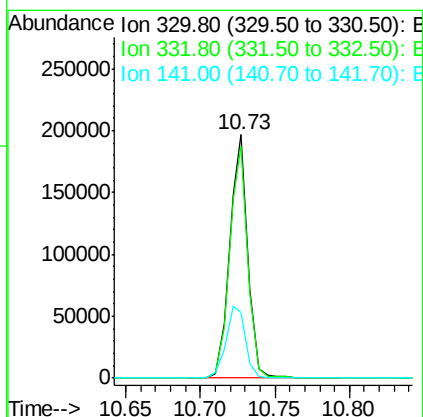
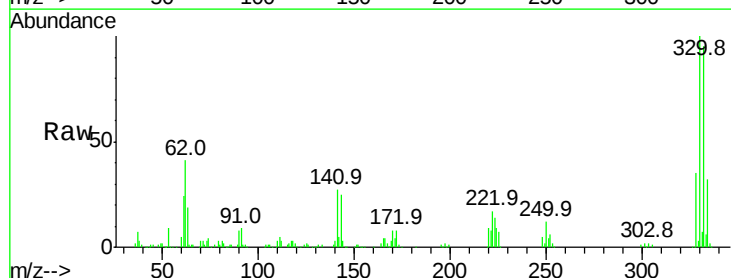
Instrument :
BNA_F
ClientSampleId :

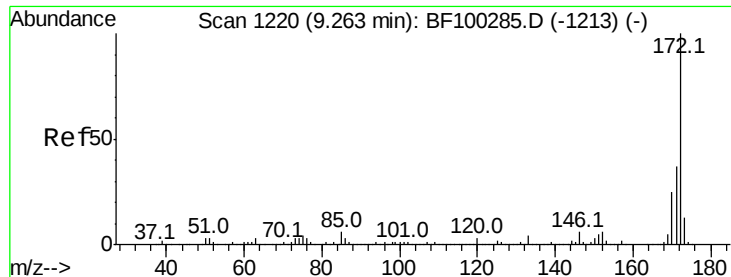
Tot Ion:164 Resp: 256942
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 47.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 64.379 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

Tgt Ion:330 Resp: 168560
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 32.1 29.9 44.9

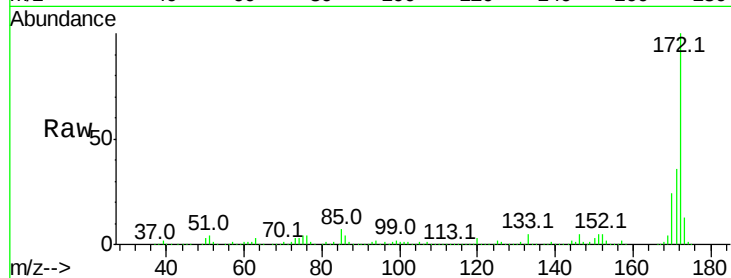




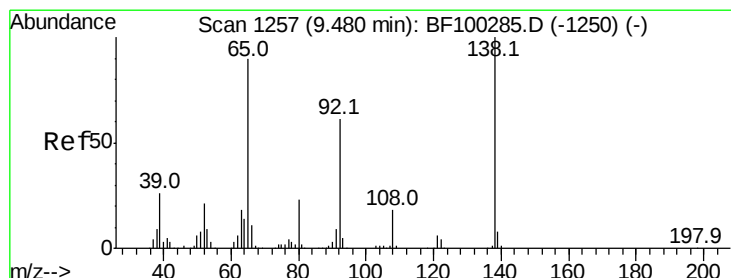
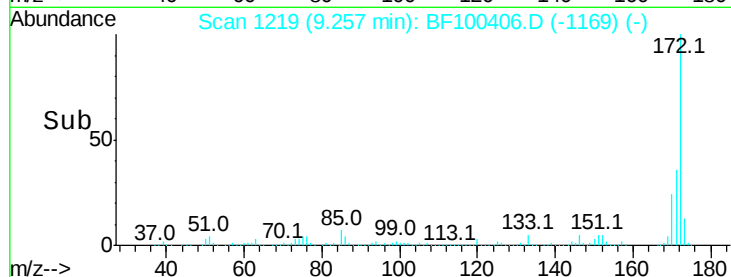
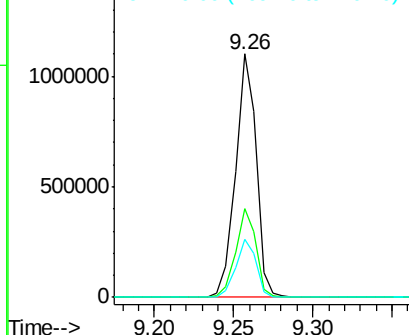
#44
 2-Fluorobiphenyl
 Concen: 59.164 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100406.D
 Acq: 10 Nov 2017 22:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 998332
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 19.6 29.4

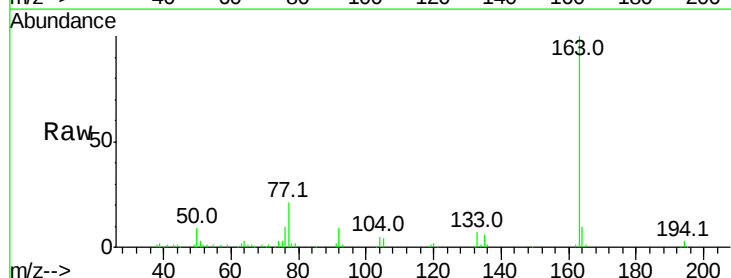


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

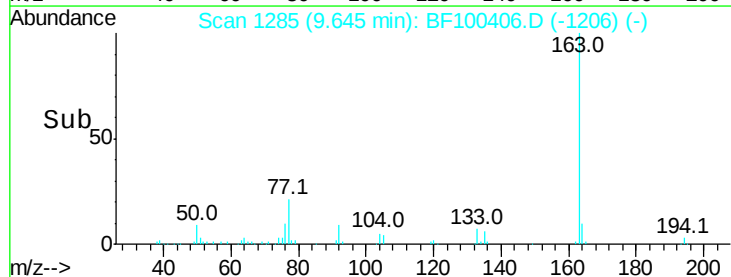
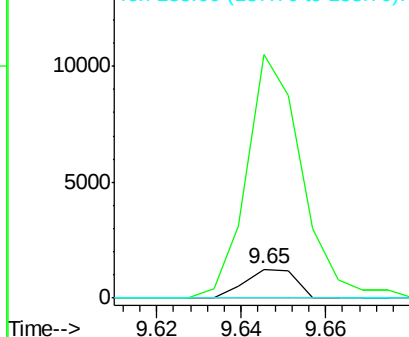


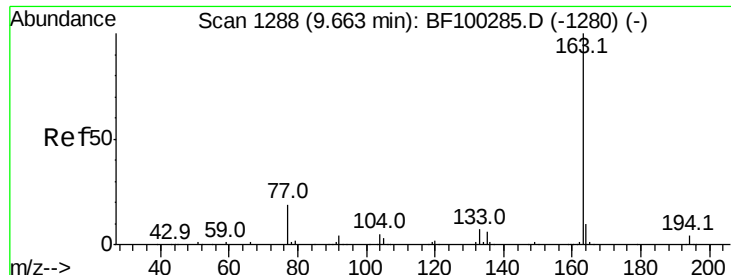
#47
 2-Nitroaniline
 Concen: 2.990 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.16 min
 Lab File: BF100406.D
 Acq: 10 Nov 2017 22:04

Tgt Ion: 65 Resp: 1044
 Ion Ratio Lower Upper
 65 100
 92 845.2 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: 6.102 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

Instrument :

BNA_F

ClientSampleId :

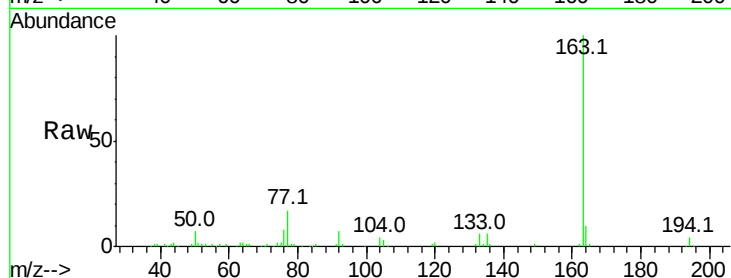
Tot Ion:163 Resp: 119705

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

164 9.9 8.2 12.2

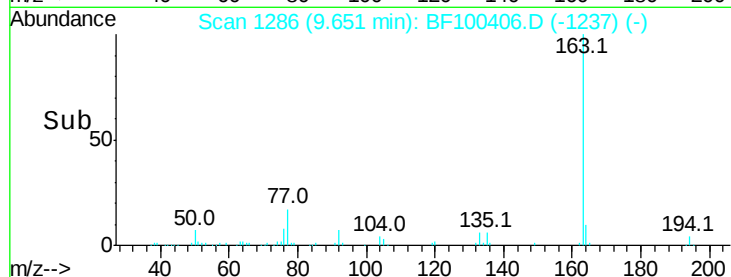


Abundance Ion 163.00 (162.70 to 163.70): E

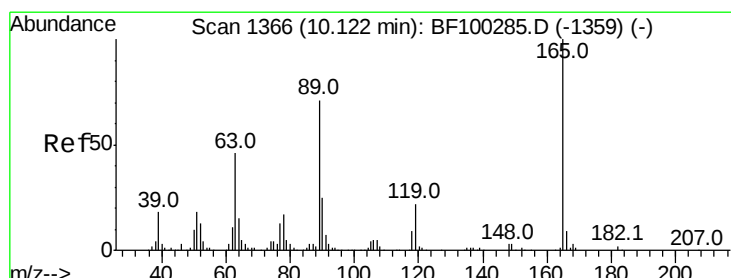
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.813 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.19 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

Tgt Ion:165 Resp: 33376

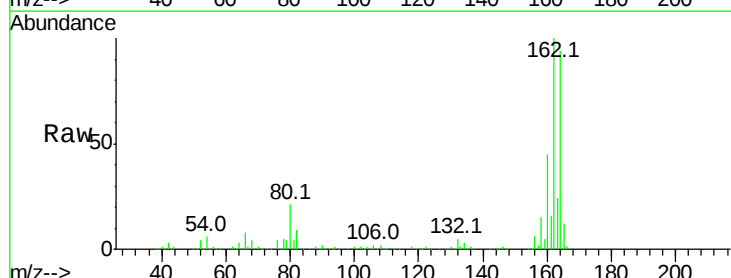
Ion Ratio Lower Upper

165 100

63 0.8 36.4 54.6#

89 1.1 57.8 86.6#

182 0.0 1.6 2.4#



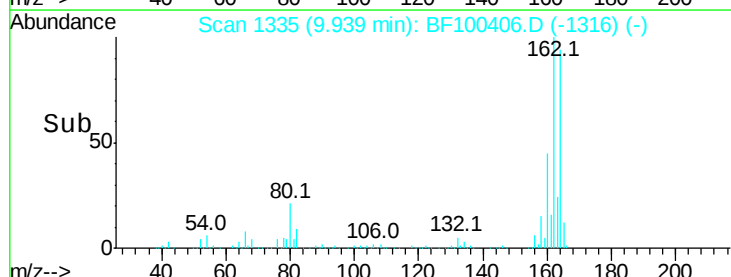
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

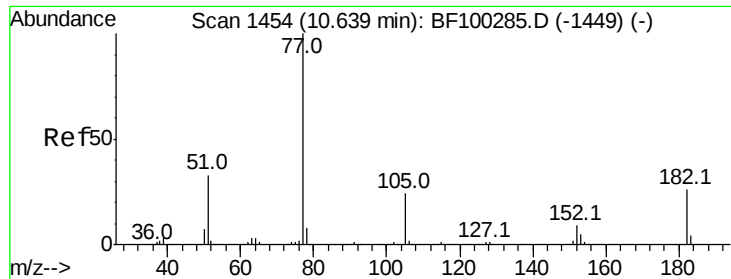
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 4.480 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

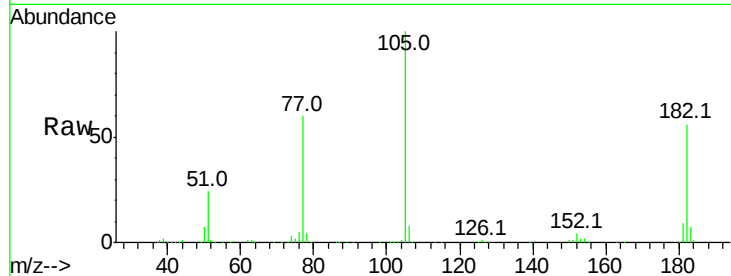
Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 82828

Ion Ratio Lower Upper

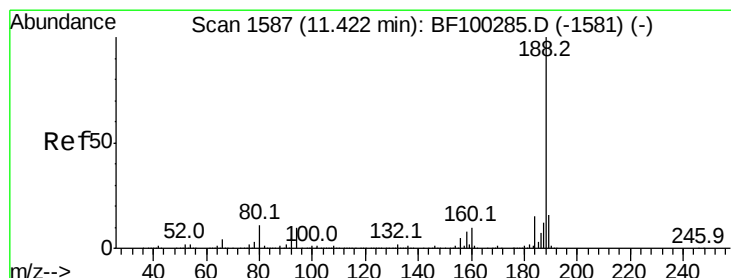
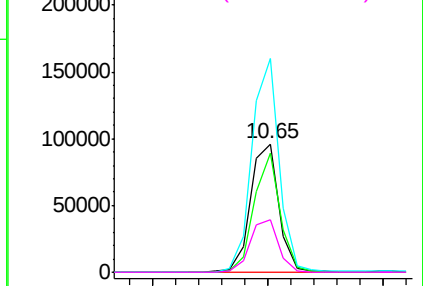
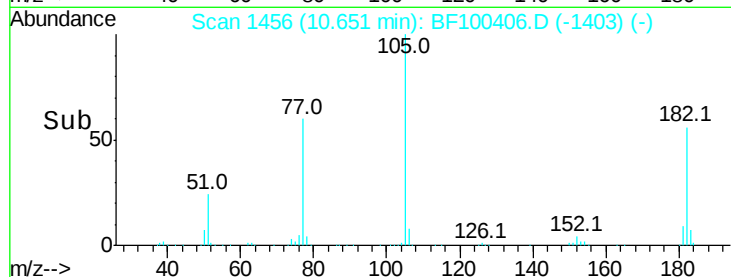
77 100

182 93.2 1.7 41.7#

105 166.3 3.0 43.0#

51 40.6 9.9 49.9

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

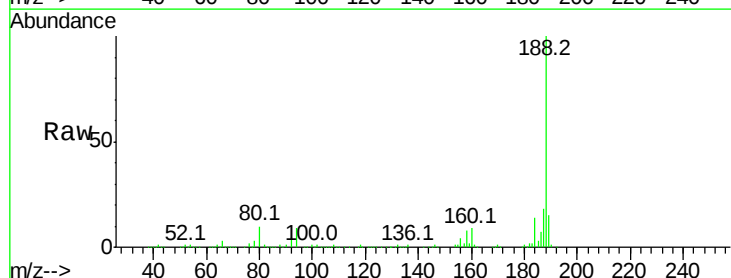
Tgt Ion: 188 Resp: 410876

Ion Ratio Lower Upper

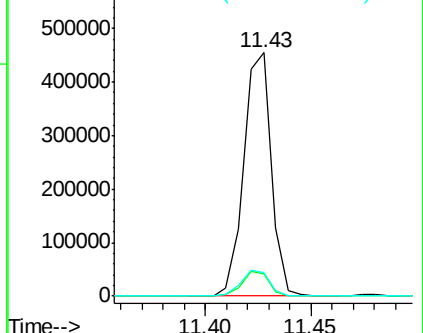
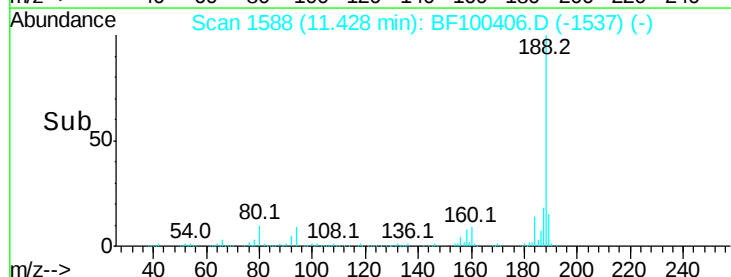
188 100

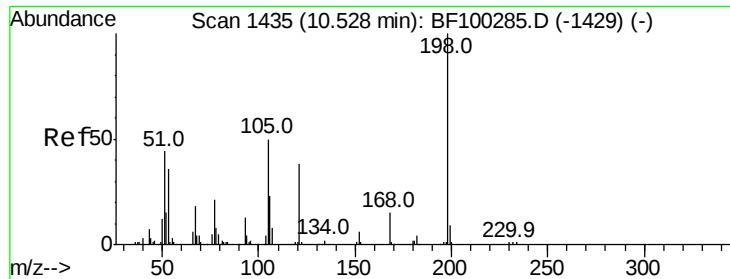
94 9.1 8.5 12.7

80 9.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
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: 8.667 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

Instrument :

BNA_F

ClientSampleId :

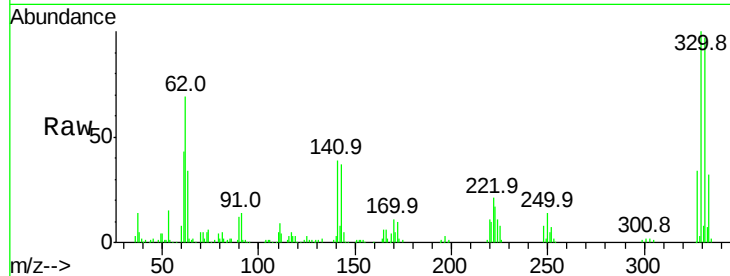
Tot Ion:198 Resp: 245

Ion Ratio Lower Upper

198 100

51 249.1 37.7 77.7#

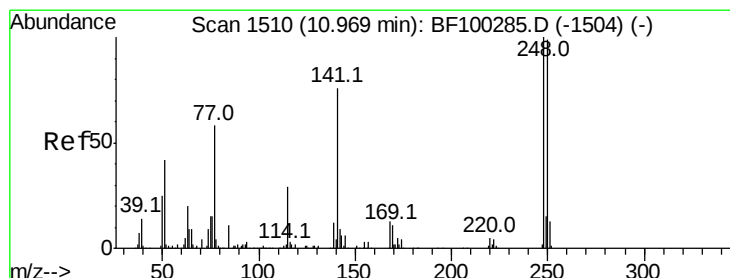
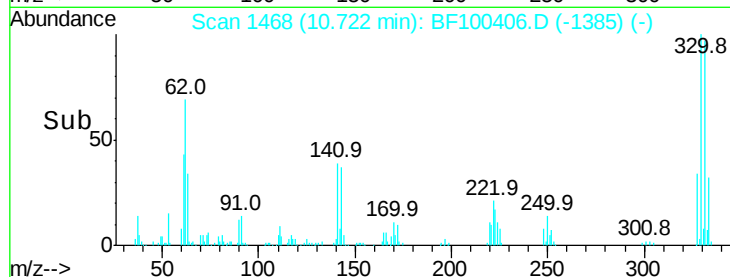
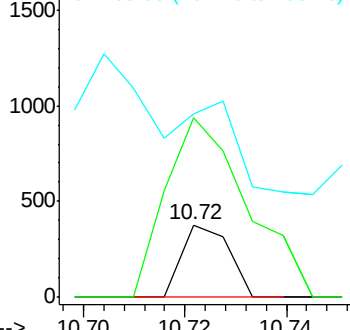
105 253.1 36.3 76.3#



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: 2.447 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.25 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

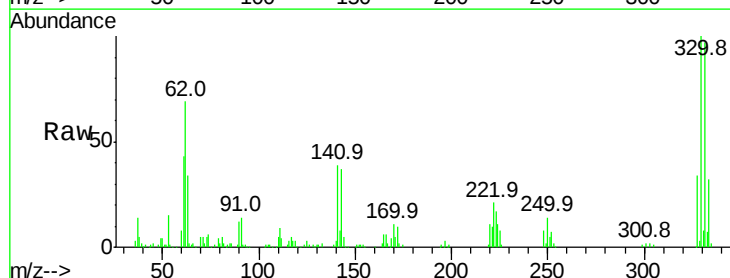
Tgt Ion:248 Resp: 10777

Ion Ratio Lower Upper

248 100

250 185.0 76.9 115.3#

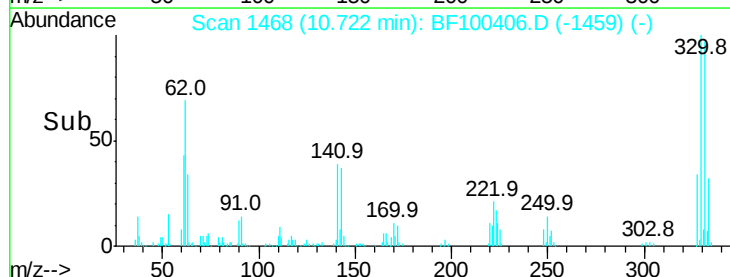
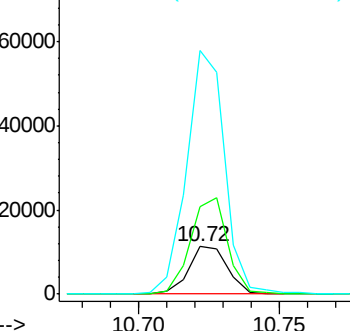
141 513.8 74.4 111.6#

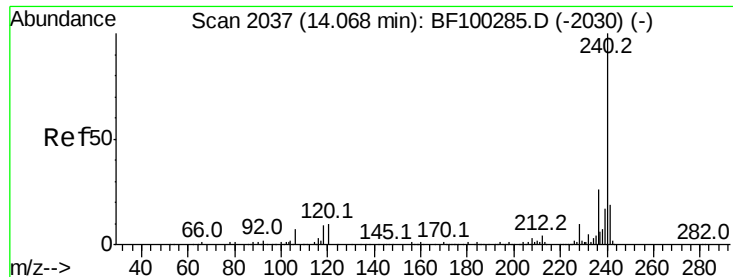


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

Instrument :

BNA_F

ClientSampleId :

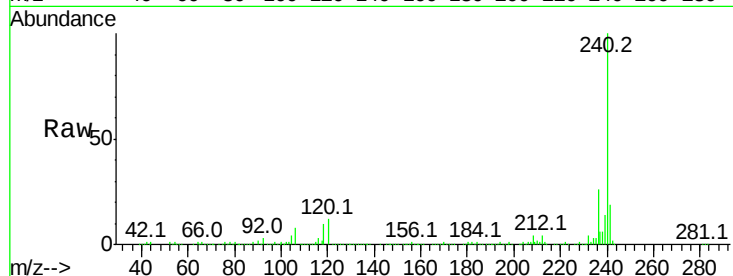
Tot Ion:240 Resp: 340899

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

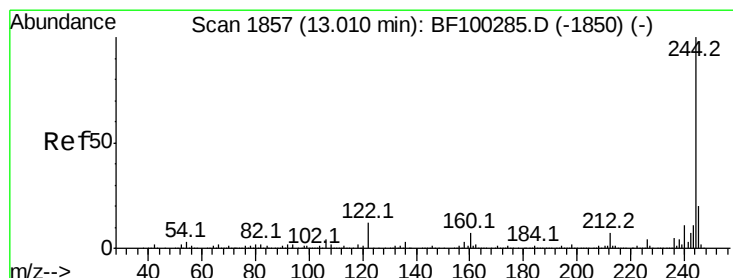
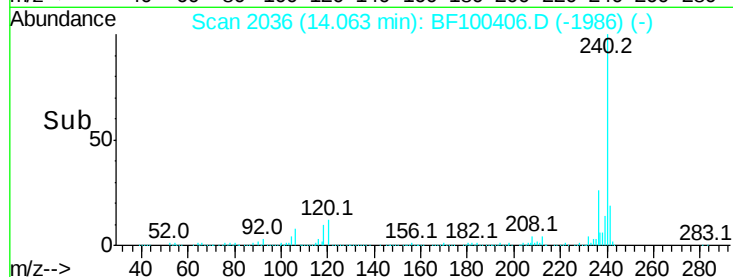
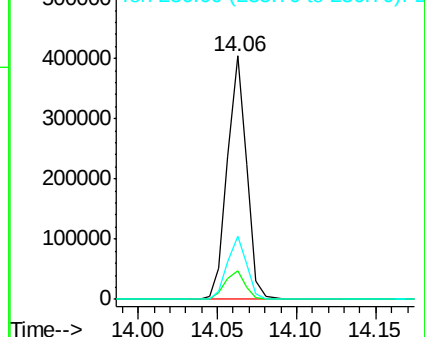
236 25.9 20.7 31.1



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: 47.320 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100406.D

Acq: 10 Nov 2017 22:04

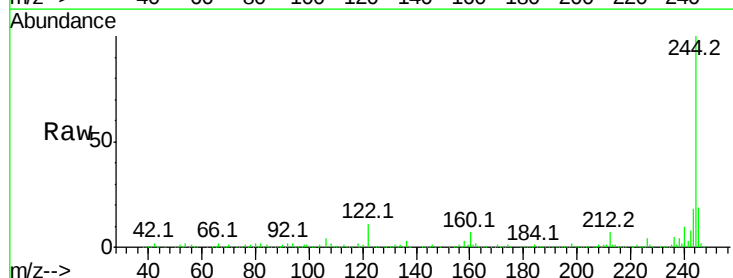
Tgt Ion:244 Resp: 702057

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

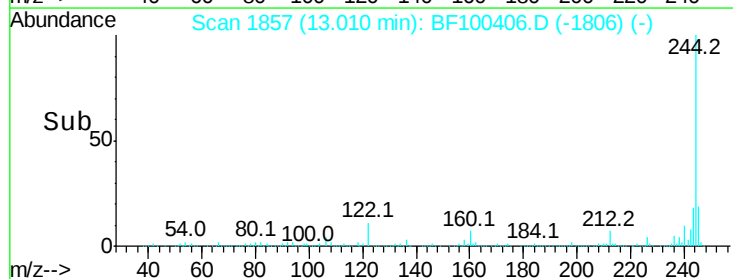
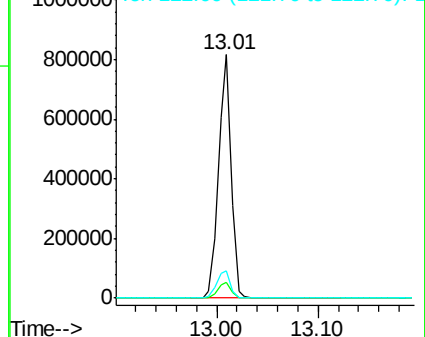
122 11.2 11.0 16.4

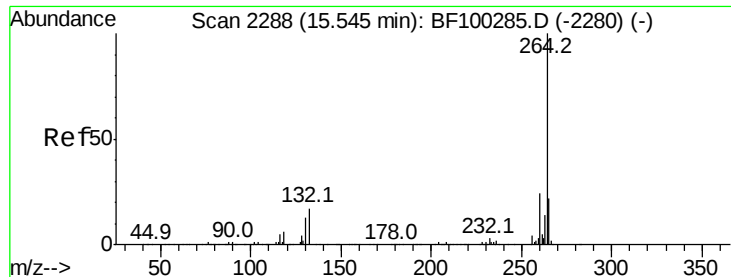


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100406.D
Acq: 10 Nov 2017 22:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.5	26.3

