

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100386.D
 Acq On : 10 Nov 2017 13:06
 Operator : SJ/JU
 Sample : I6384-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 15:47:13 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	181774	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	727756	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	341331	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	632626	20.00	ng	0.00
75) Chrysene-d12	14.06	240	414891	20.00	ng	-0.01
86) Perylene-d12	15.54	264	379800	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1293417	114.06	ng	0.02
7) Phenol-d6	6.53	99	1482959	106.05	ng	0.00
23) Nitrobenzene-d5	7.46	82	1125204	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	448365	128.91	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1930568	86.12	ng	0.00
78) Terphenyl-d14	13.01	244	1665104	92.22	ng	0.00

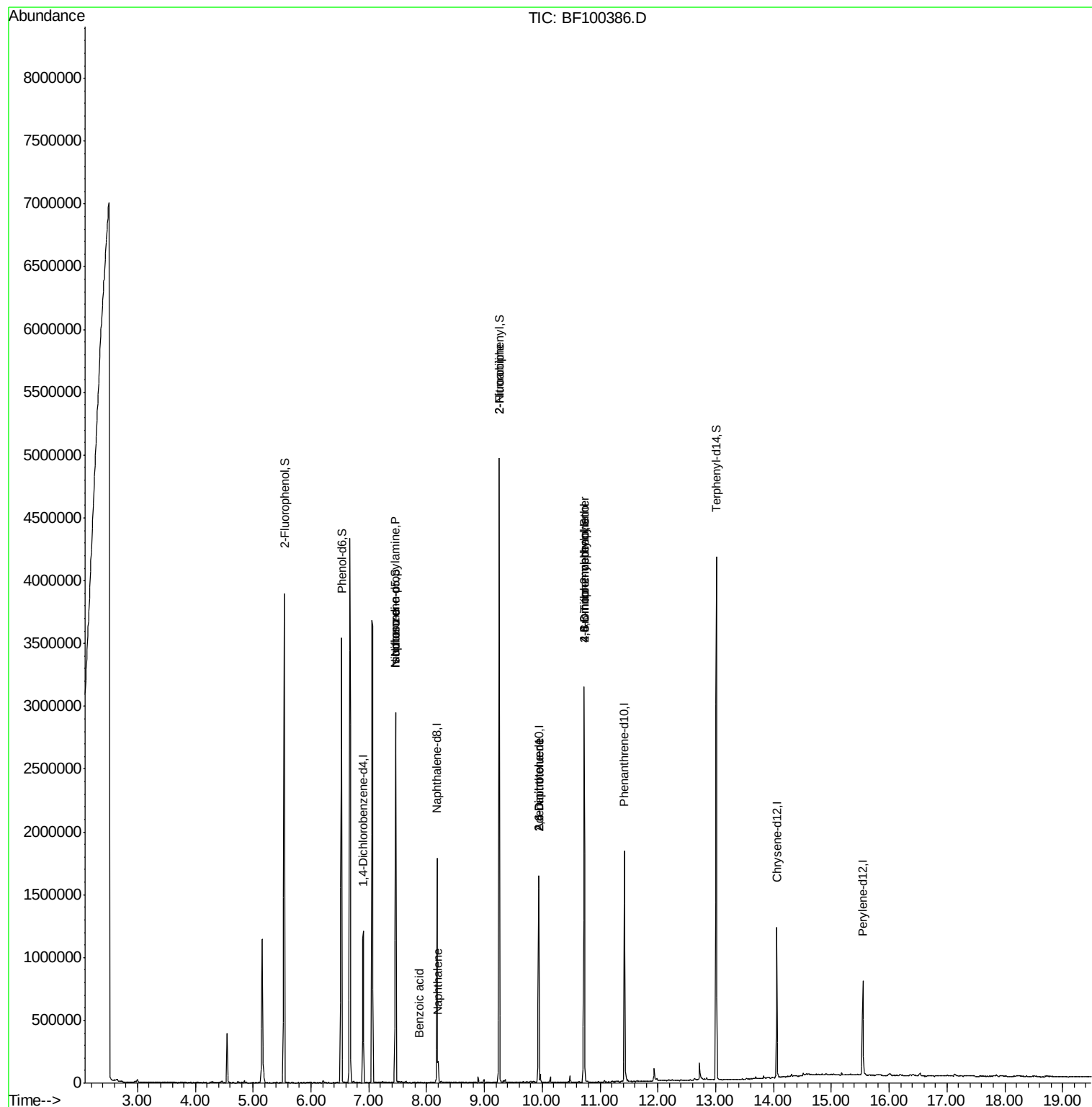
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	152467	15.722	ng	# 81
25) Isophorone	7.46	82	1122143	48.511	ng	# 64
31) Naphthalene	8.20	128	75280	2.148	ng	100
32) Benzoic acid	7.88	122	108	9.382	ng	# 1
47) 2-Nitroaniline	9.26	65	3142	3.252	ng	# 1
50) 2,6-Dinitrotoluene	9.93	165	44049	8.539	ng	# 25
56) 2,4-Dinitrotoluene	9.93	165	44049	6.769	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.73	198	825	8.782	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	28098	4.143	ng	# 1

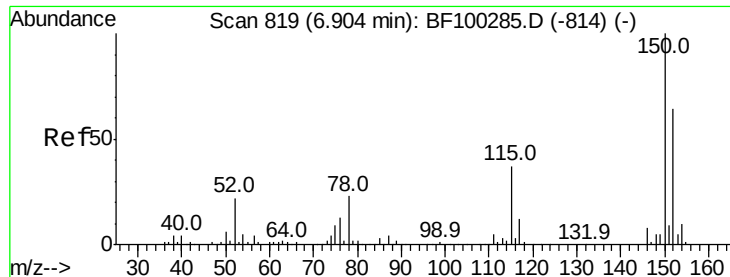
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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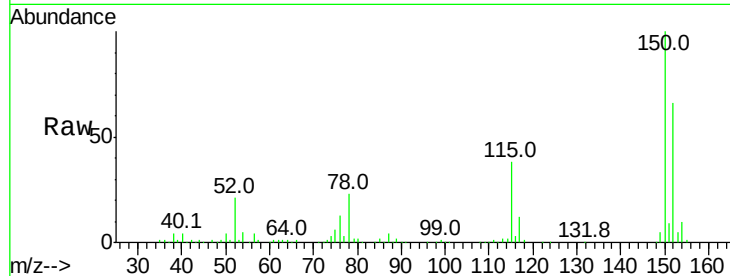


#1

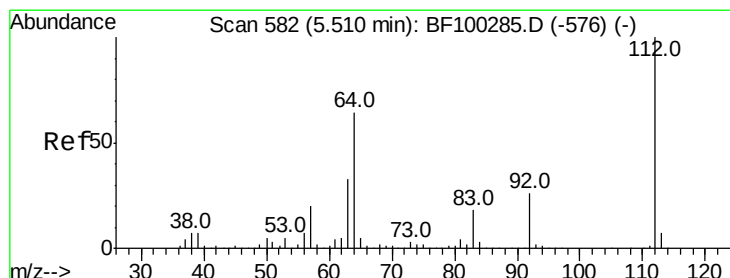
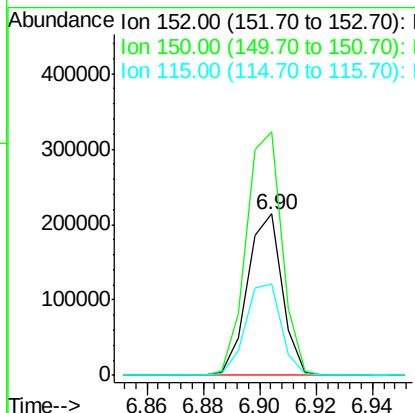
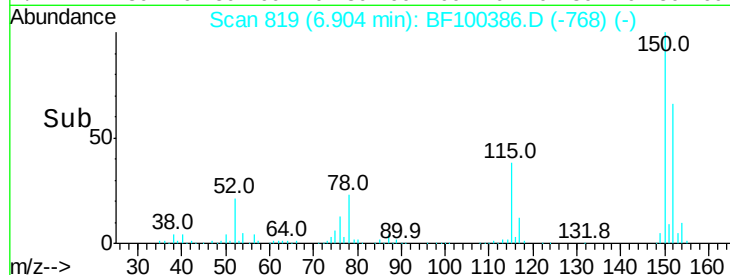
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 181774
Ion Ratio Lower Upper
152 100
150 151.0 124.6 186.8
115 56.7 50.1 75.1



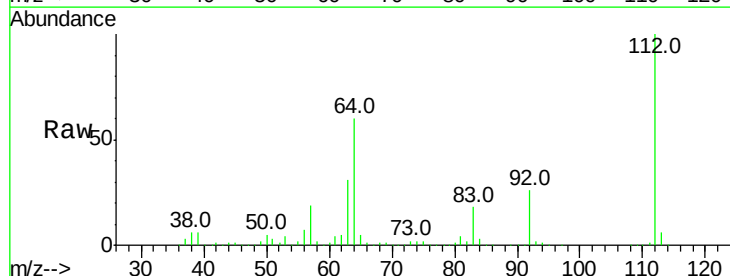
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



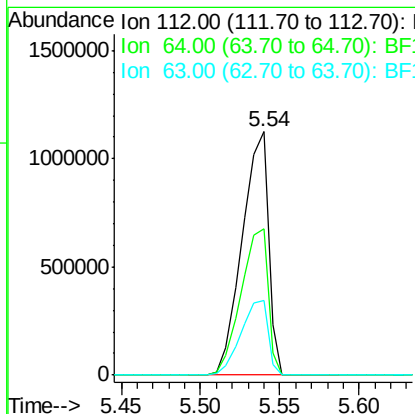
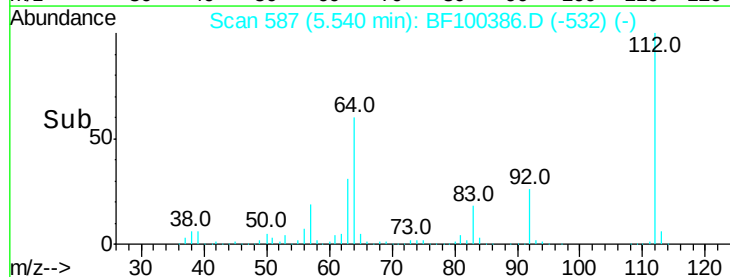
#5

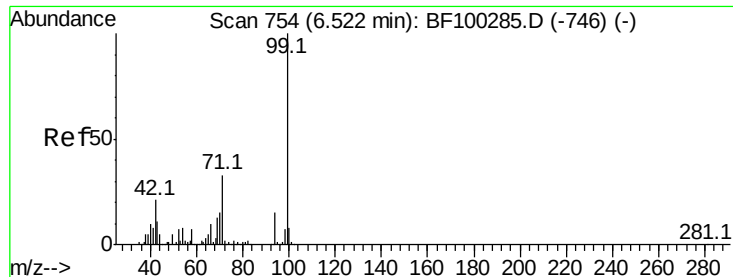
2-Fluorophenol
Concen: 114.061 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Tgt Ion:112 Resp: 1293417
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 30.5 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: 106.052 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

Instrument :

BNA_F

ClientSampleId :

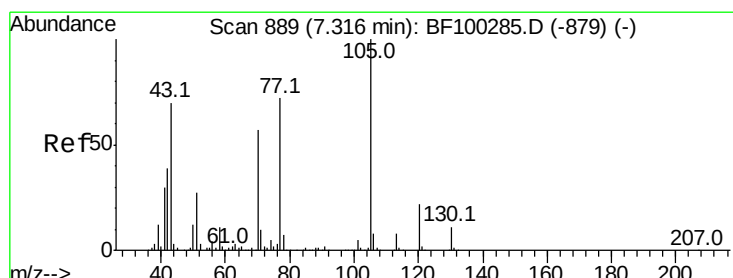
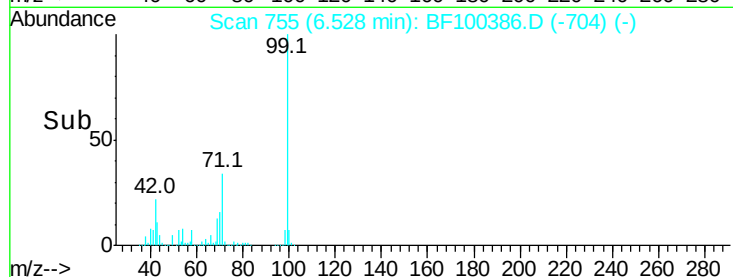
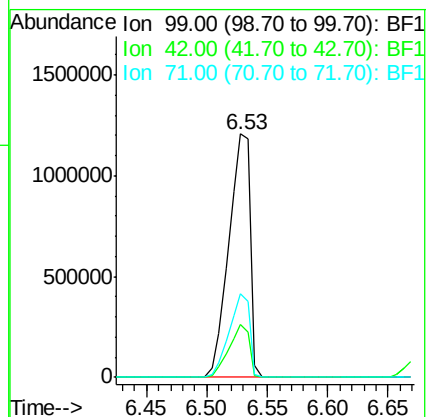
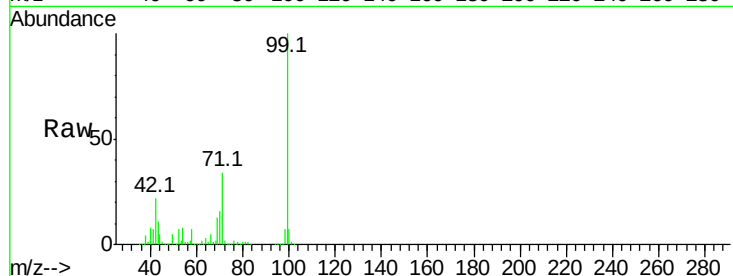
Tot Ion: 99 Resp: 1482959

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

71 34.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.722 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

Tgt Ion: 70 Resp: 152467

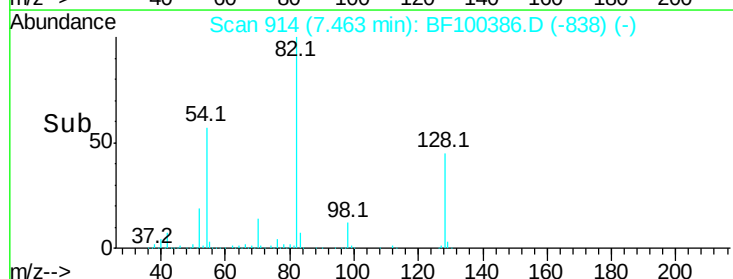
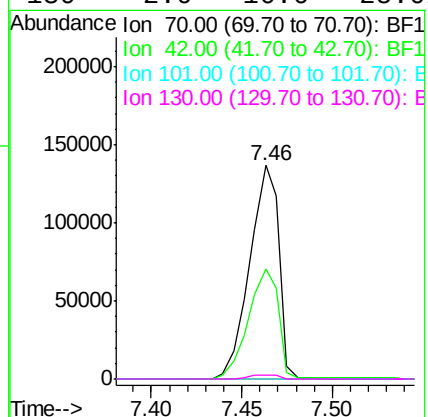
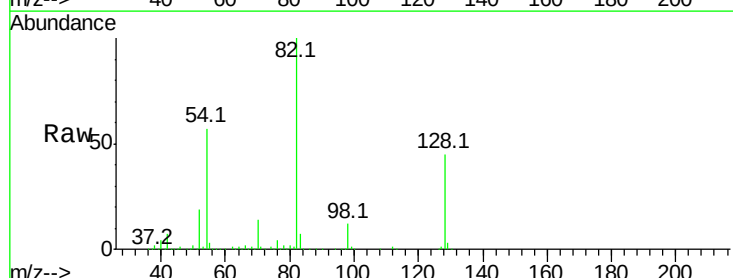
Ion Ratio Lower Upper

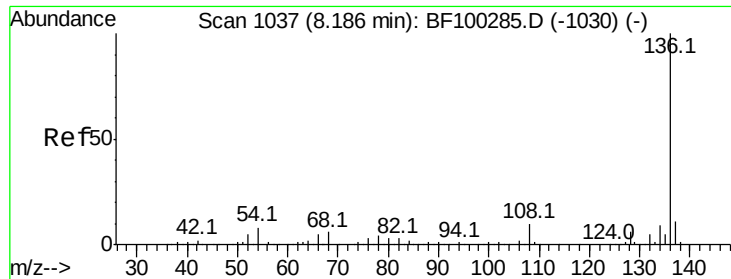
70 100

42 51.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

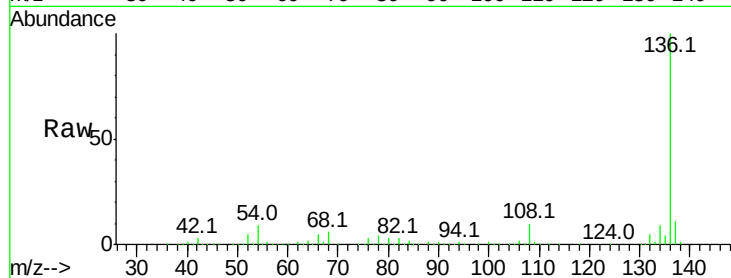




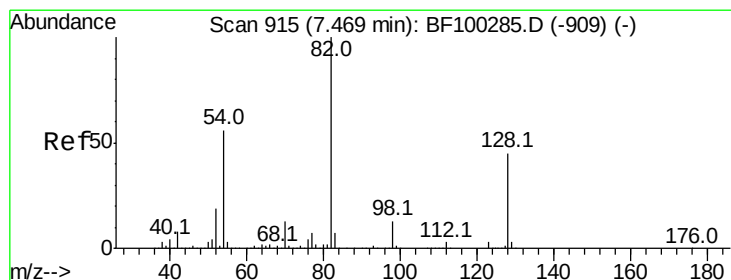
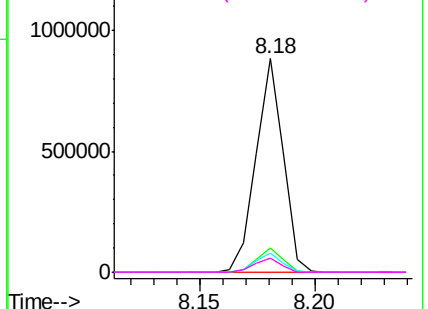
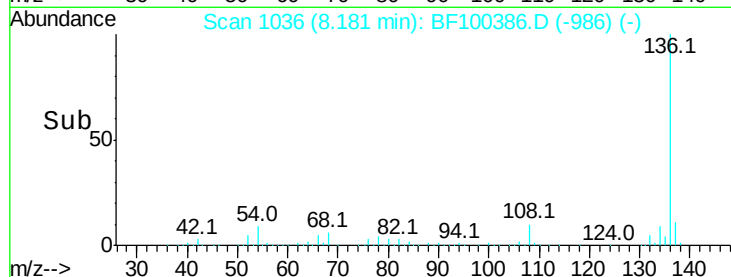
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	727756
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	9.0	6.6 9.8
68	6.4	5.0 7.4

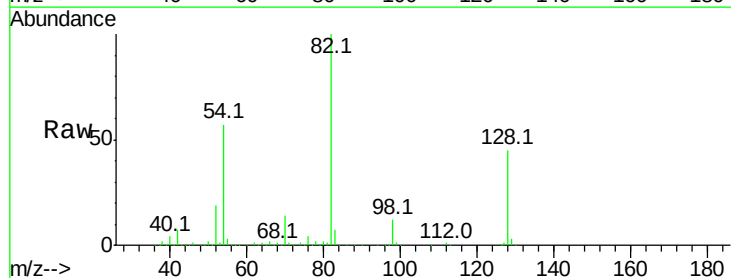


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

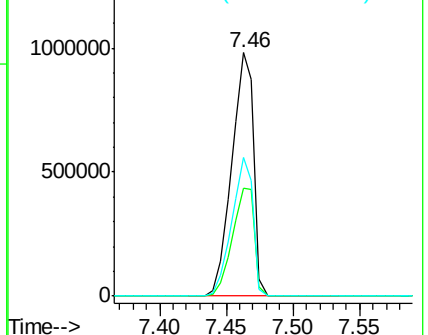
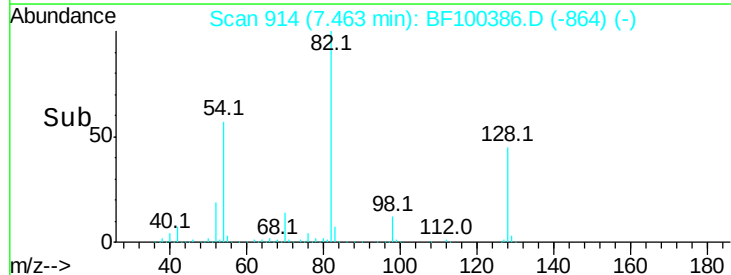


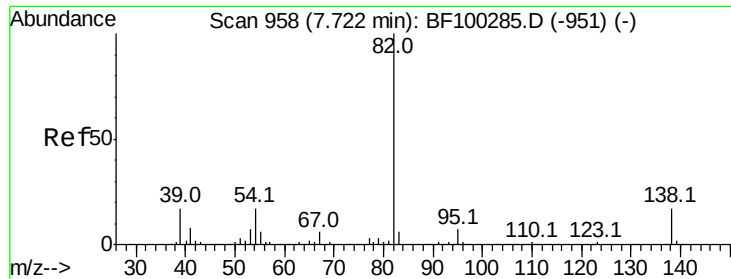
#23
Nitrobenzene-d5
Concen: 102.220 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Tgt Ion: 82	Resp:	1125204
Ion	Ratio	Lower Upper
82	100	
128	44.5	36.1 54.1
54	56.9	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: 48.511 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.26 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

Instrument :

BNA_F

ClientSampled :

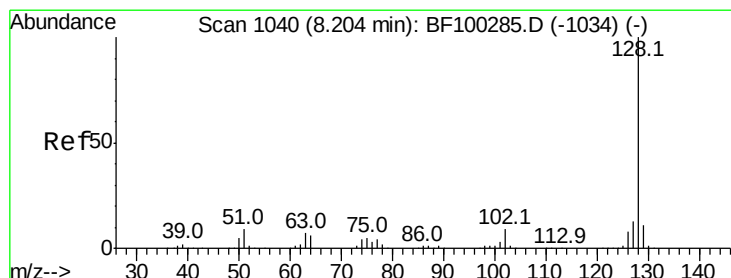
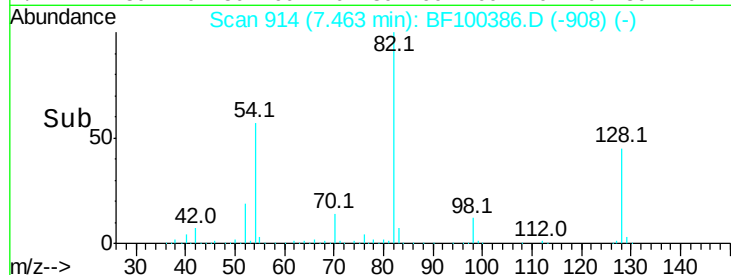
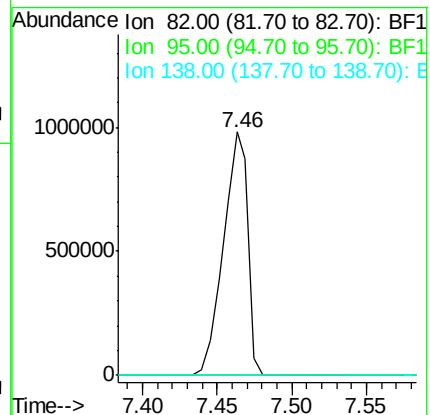
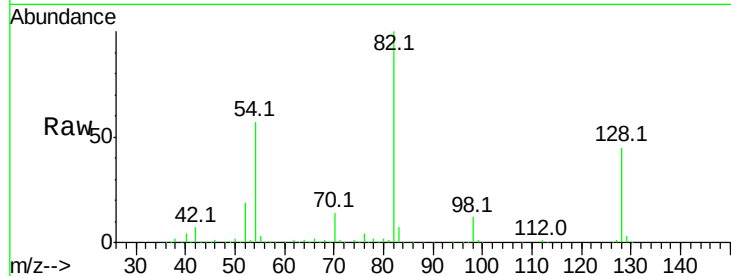
Tot Ion: 82 Resp: 1122143

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.148 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

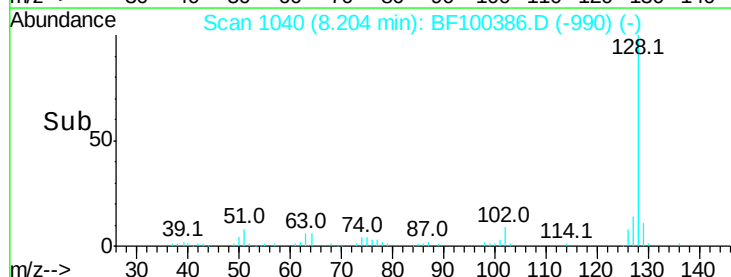
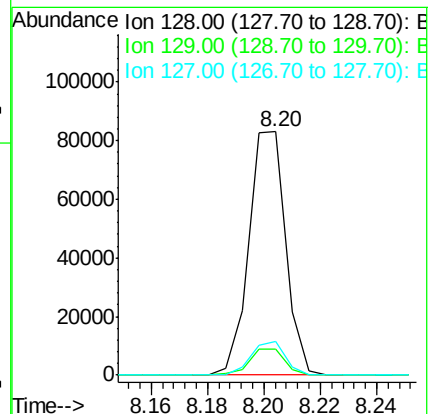
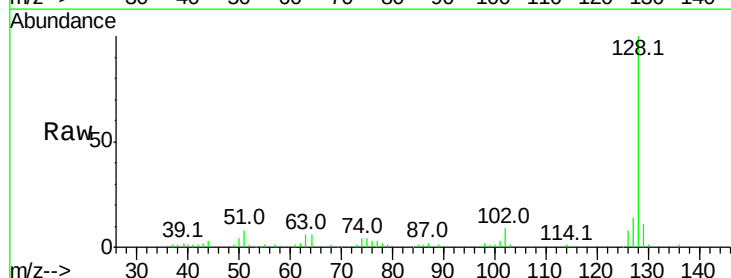
Tgt Ion:128 Resp: 75280

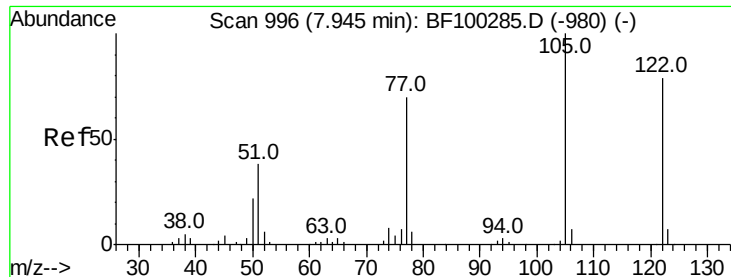
Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.7 10.9 16.3





#32

Benzoic acid

Concen: 9.382 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.07 min

Lab File: BF100386.D

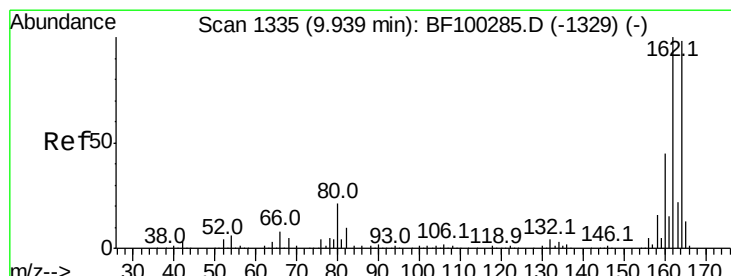
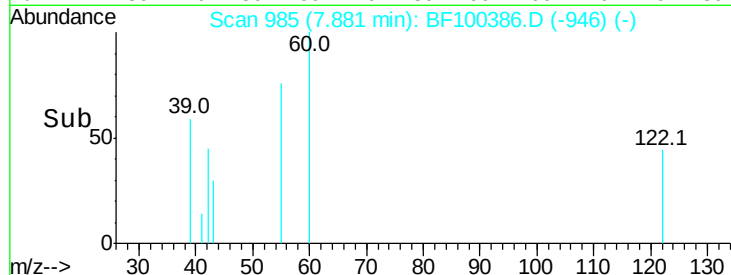
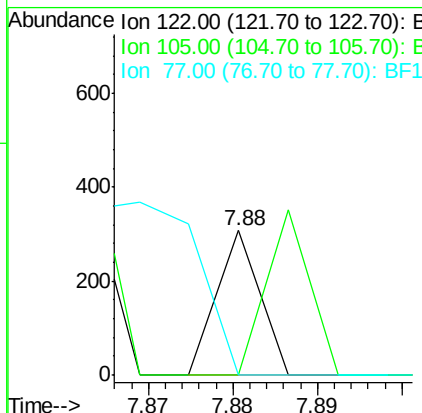
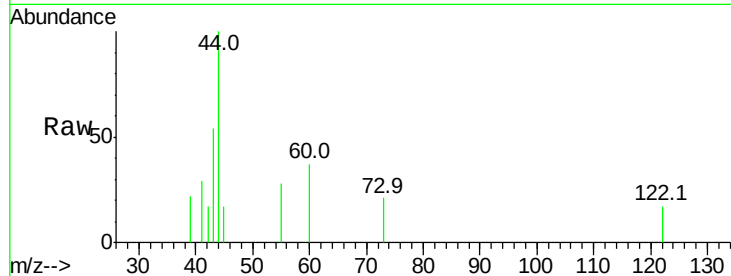
Acq: 10 Nov 2017 13:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:	122	Resp:	108
Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

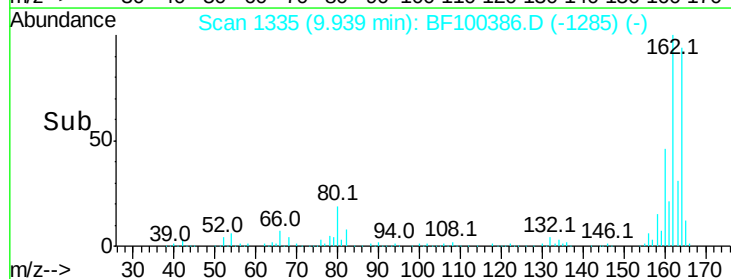
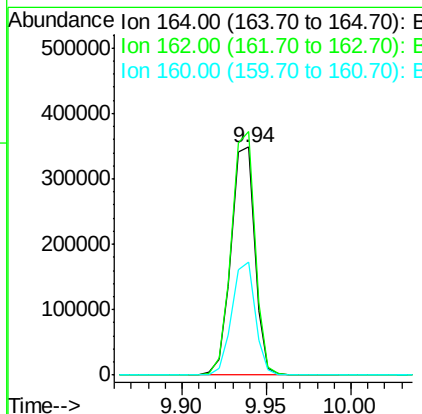
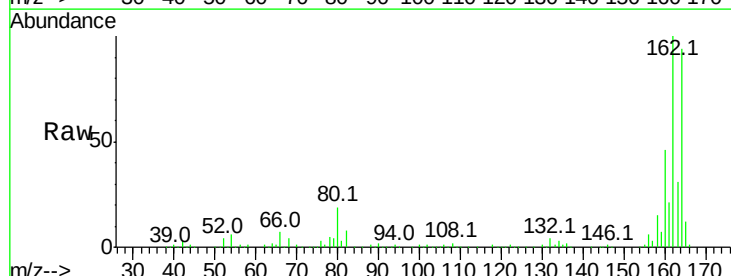
RT: 9.94 min Scan# 1335

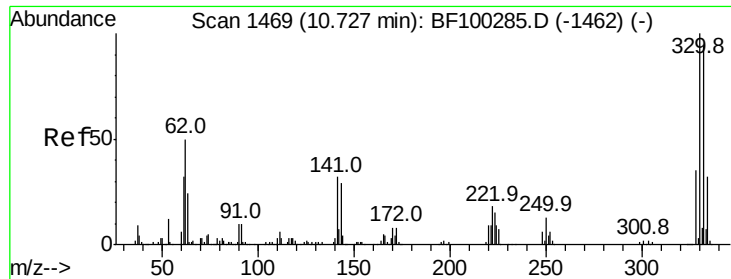
Delta R.T. -0.01 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

Tgt Ion:	164	Resp:	341331
Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	49.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 128.909 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100386.D

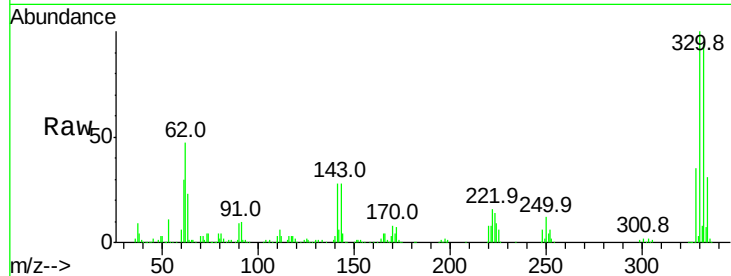
Acq: 10 Nov 2017 13:06

Instrument :

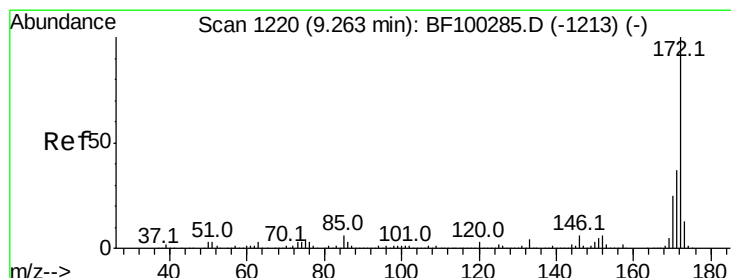
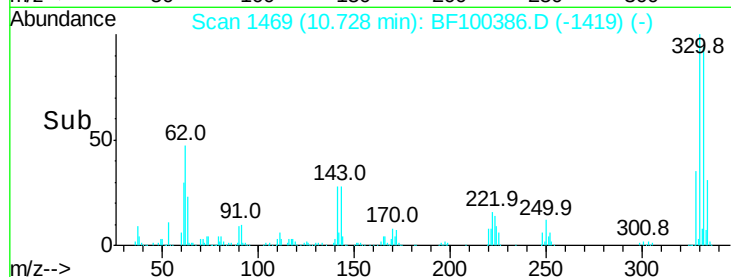
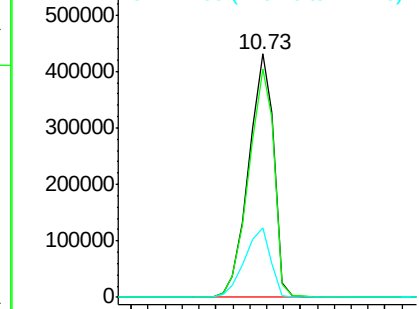
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	448365
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: 86.125 ng

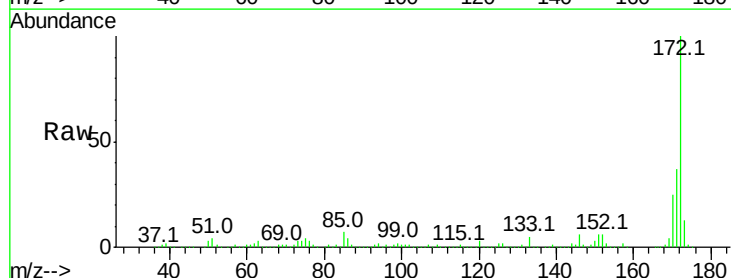
RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

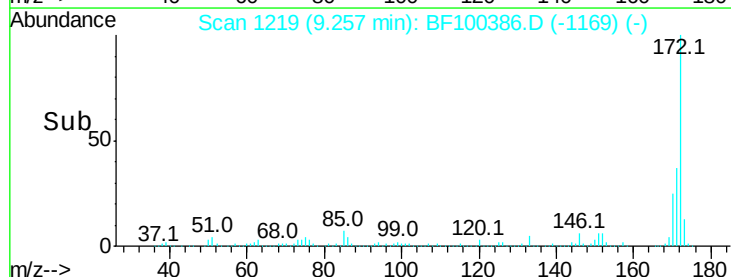
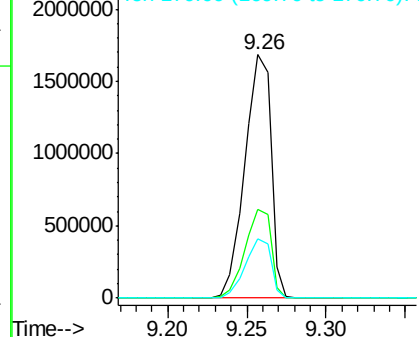
Lab File: BF100386.D

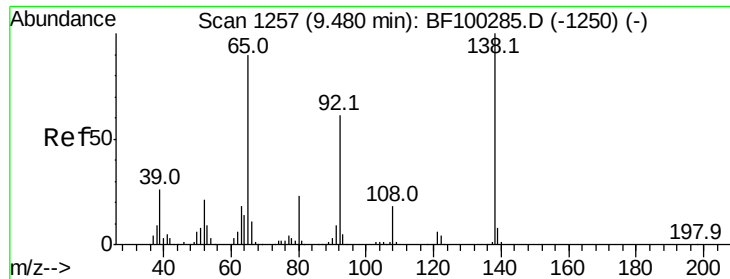
Acq: 10 Nov 2017 13:06

Tgt Ion:	172	Resp:	1930568
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.5	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

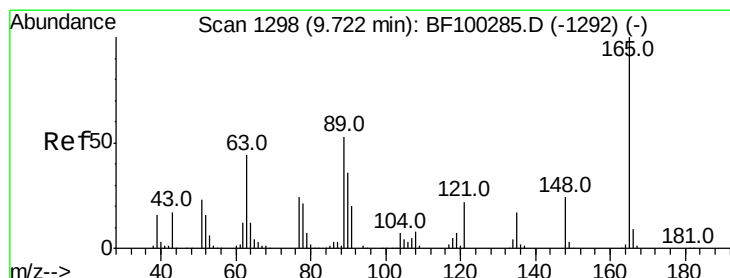
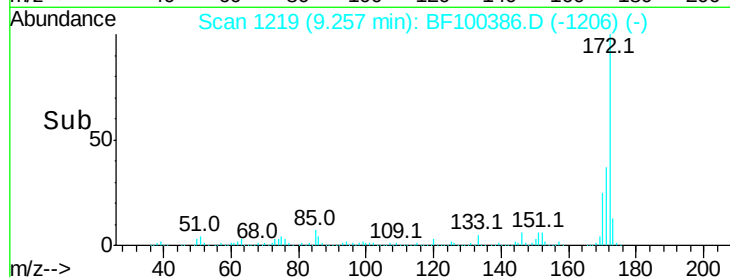
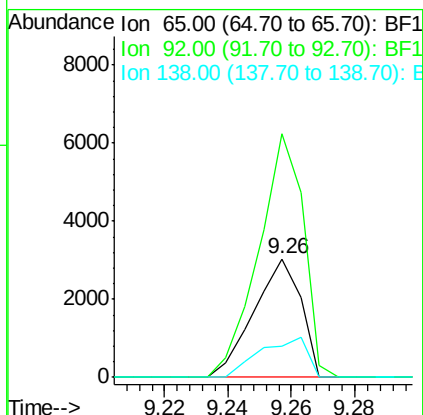
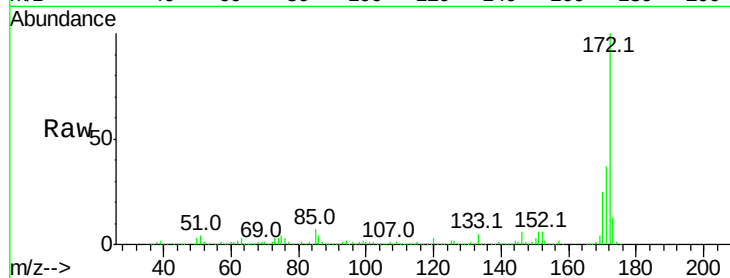




#47
2-Nitroaniline
Concen: 3.252 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

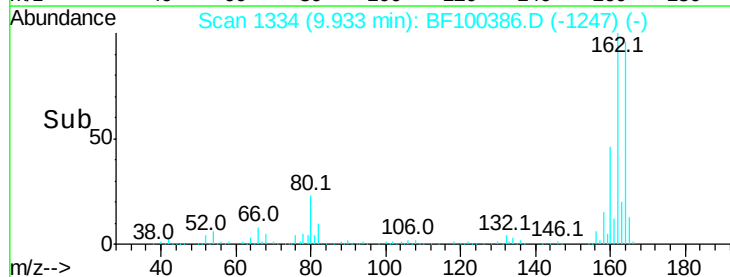
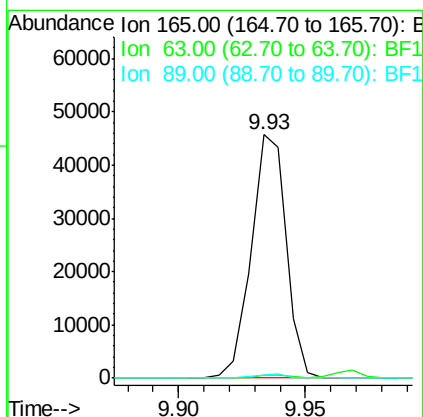
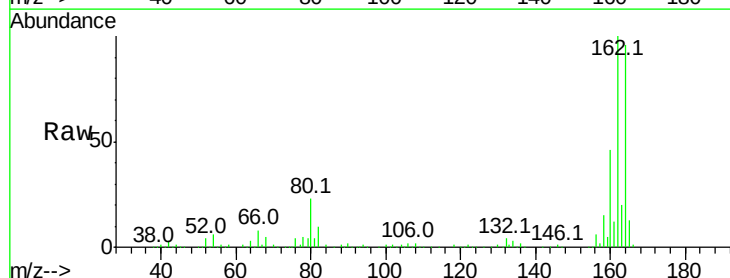
Instrument :
BNA_F
ClientSampled :

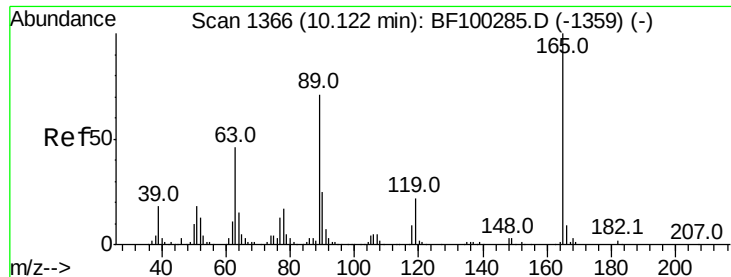
Tot Ion: 65 Resp: 3142
Ion Ratio Lower Upper
65 100
92 205.7 55.8 83.6#
138 26.4 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.539 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.21 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Tgt Ion:165 Resp: 44049
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.4 44.0 66.0#

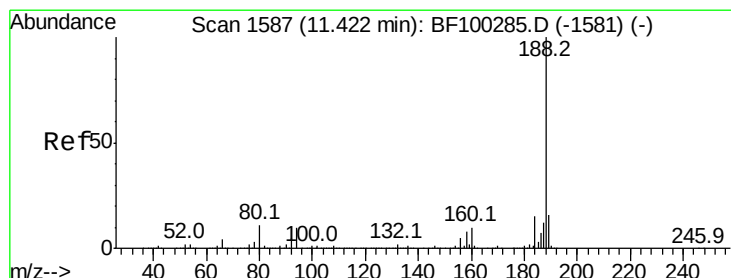
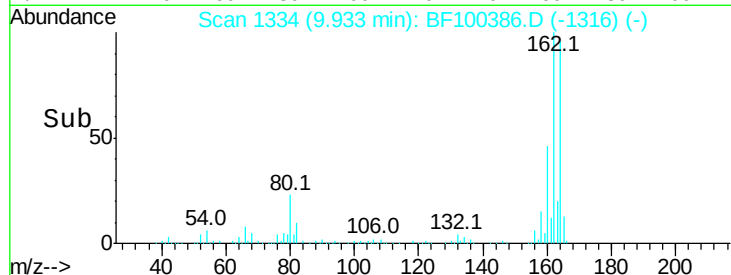
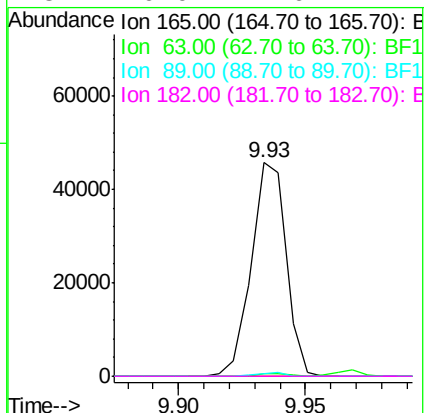
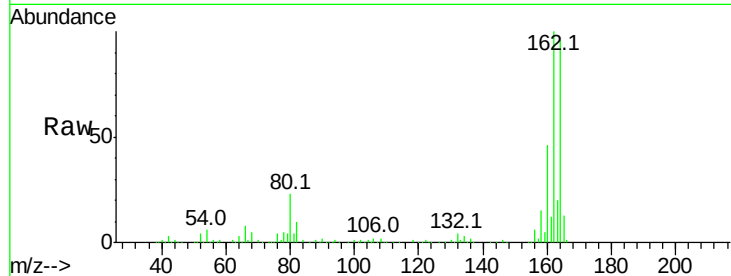




#56
 2,4-Dinitrotoluene
 Concen: 6.769 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.19 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

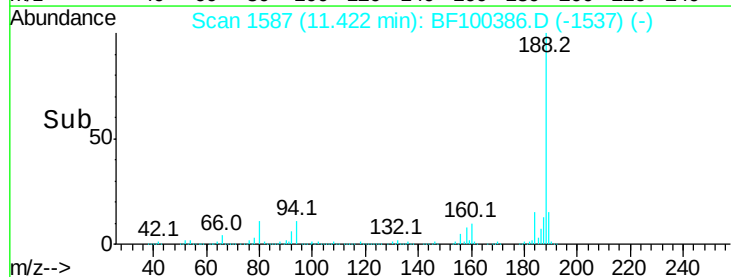
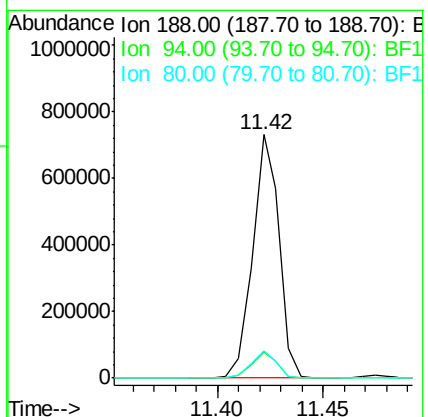
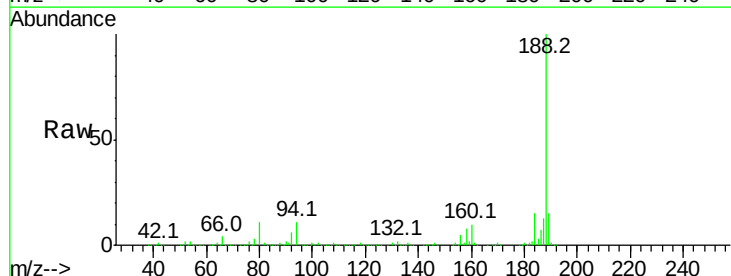
Instrument :
 BNA_F
 ClientSampleId :

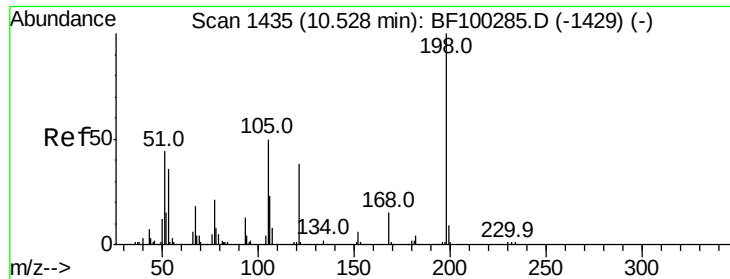
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

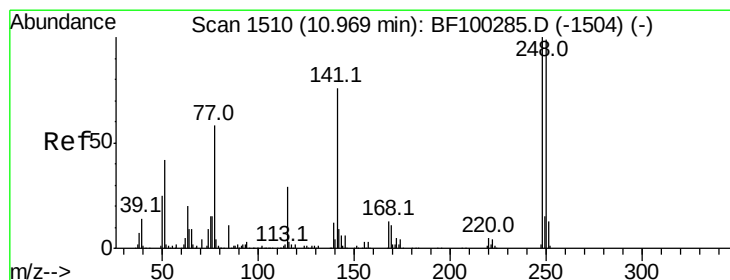
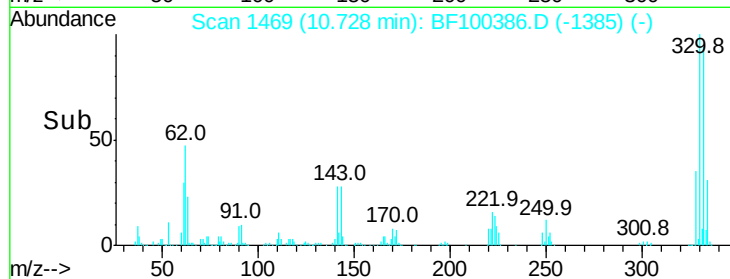
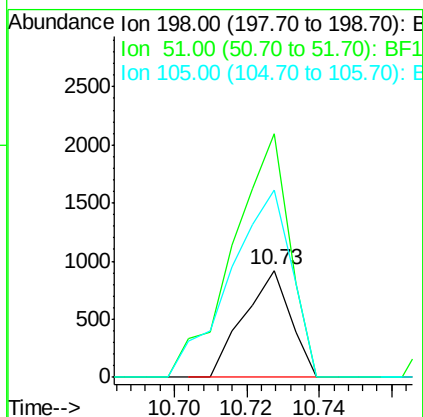
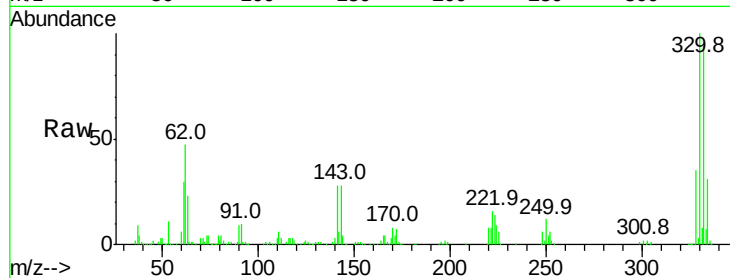




#64
4,6-Dinitro-2-methylphenol
Concen: 8.782 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.19 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

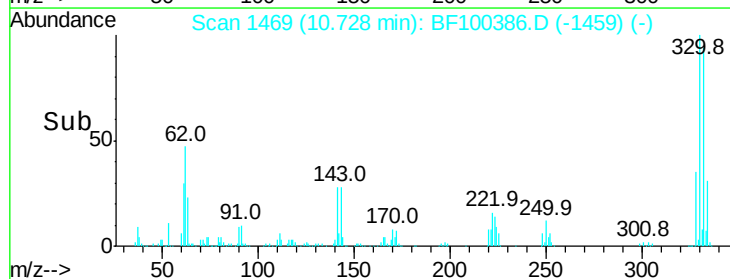
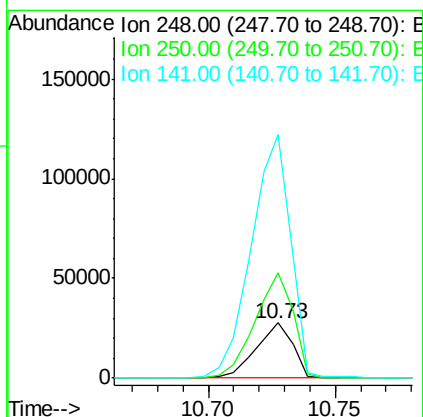
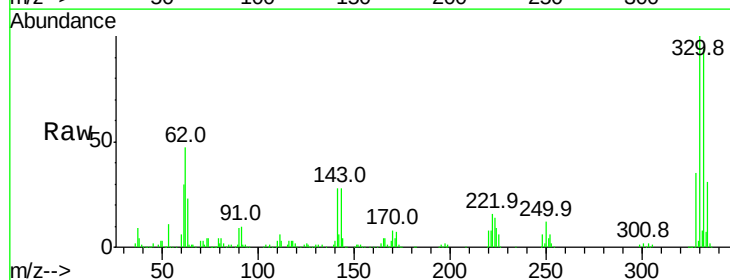
Instrument :
BNA_F
ClientSampleId :

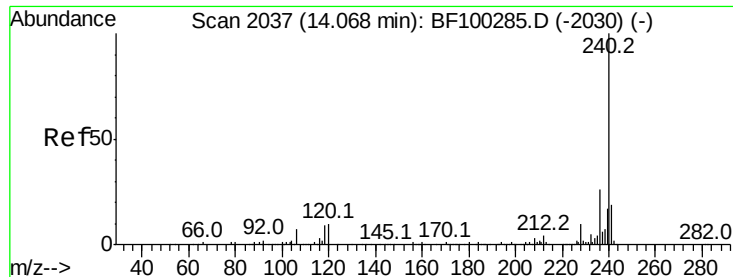
Tot Ion:198 Resp: 825
Ion Ratio Lower Upper
198 100
51 227.8 37.7 77.7#
105 175.8 36.3 76.3#



#66
4-Bromophenyl-phenylether
Concen: 4.143 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Tgt Ion:248 Resp: 28098
Ion Ratio Lower Upper
248 100
250 190.9 76.9 115.3#
141 440.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

Instrument :

BNA_F

ClientSampleId :

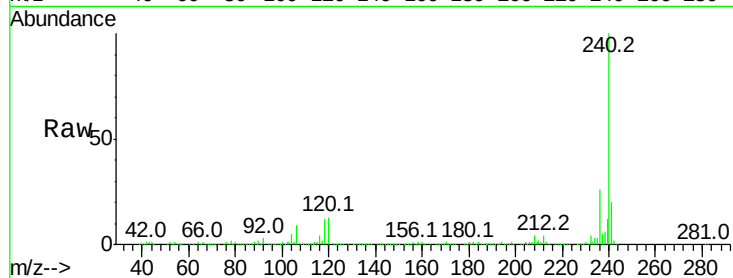
Tot Ion:240 Resp: 414891

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

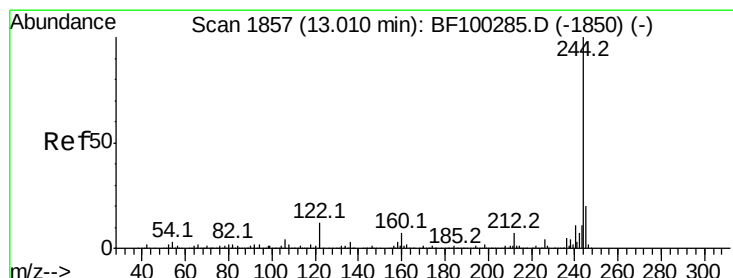
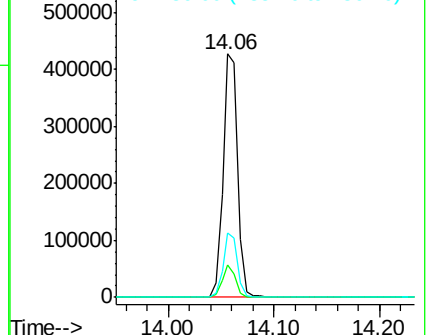
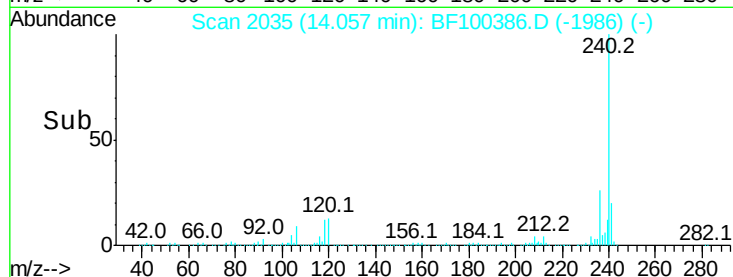
236 26.3 20.7 31.1



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: 92.215 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

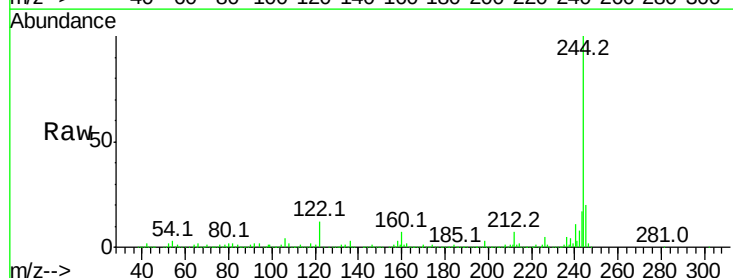
Tgt Ion:244 Resp: 1665104

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

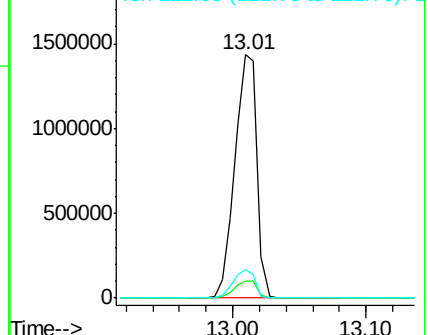
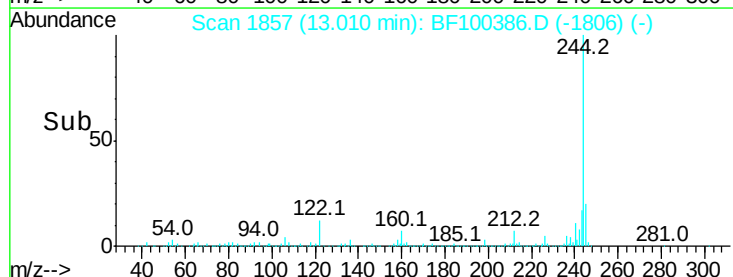
122 11.8 11.0 16.4

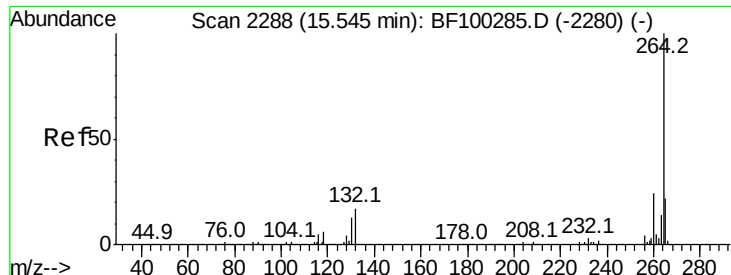


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

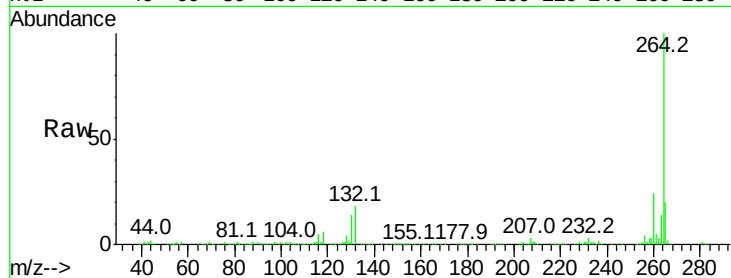




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.3	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

