

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100600.D
 Acq On : 15 Nov 2017 20:41
 Operator : SJ/JU
 Sample : I6422-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

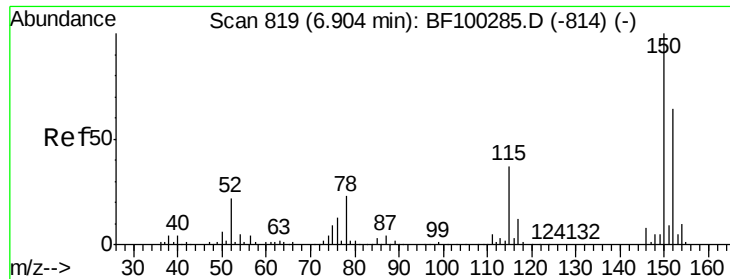
Quant Time: Nov 16 03:37:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	130913	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	500529	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	203450	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	307058	20.00	ng	0.00
75) Chrysene-d12	14.04	240	272858	20.00	ng	-0.01
86) Perylene-d12	15.52	264	277028	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	799612	97.91	ng	0.00
7) Phenol-d6	6.51	99	961364	95.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	596001	78.72	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	179590	86.63	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	949858	71.09	ng	0.00
78) Terphenyl-d14	12.99	244	627806	52.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	44655	4.22	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	77046	11.03	ng	# 81
25) Isophorone	7.45	82	595950	37.46	ng	# 64
47) 2-Nitroaniline	9.63	65	683	2.95	ng	# 1
49) Dimethylphthalate	9.63	163	93046	5.99	ng	99
56) 2,4-Dinitrotoluene	9.92	165	25340	6.53	ng	# 23
62) Azobenzene	10.63	77	59548	4.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	274	8.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11515	3.50	ng	# 1

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

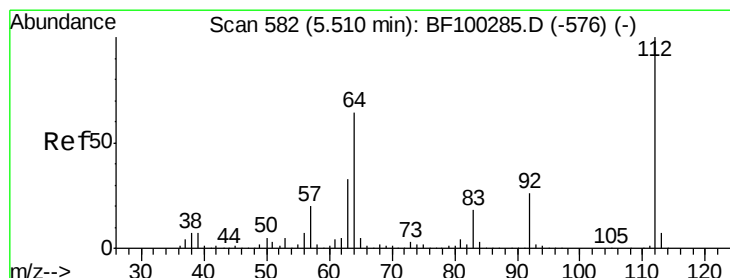
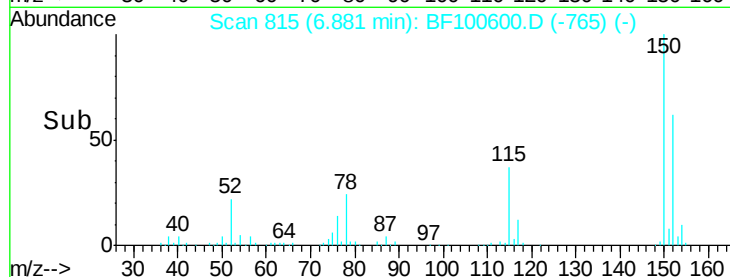
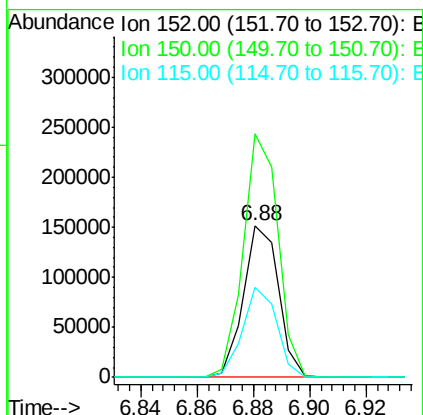
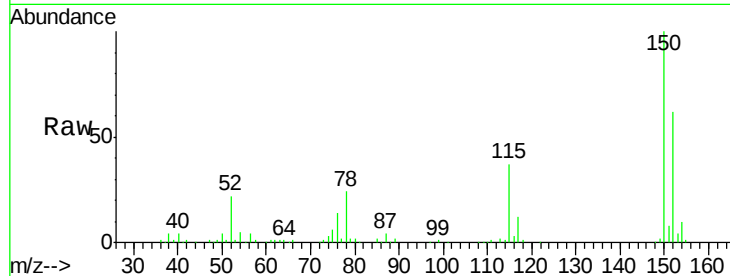


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Instrument :
BNA_F
ClientSampled :

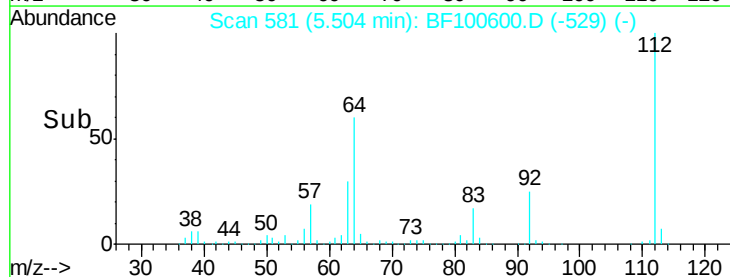
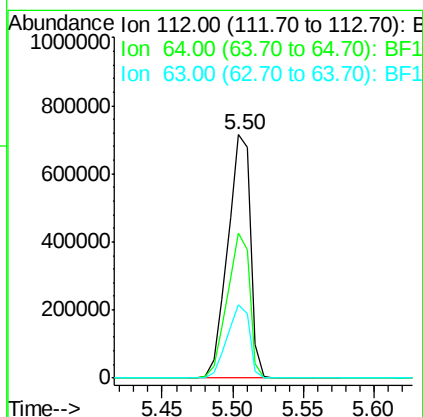
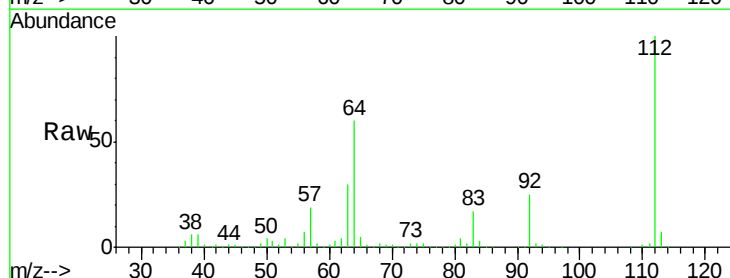
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	59.7	50.1	75.1

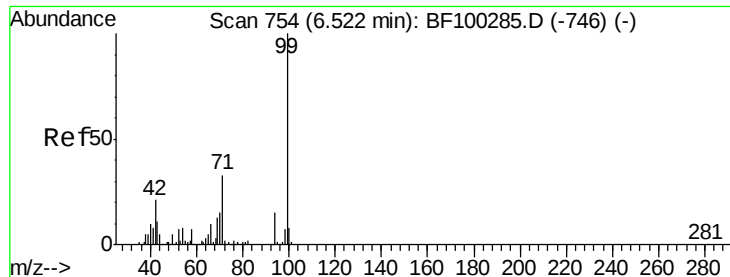


#5

2-Fluorophenol
Concen: 97.91 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 95.46 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

Instrument :

BNA_F

ClientSampled :

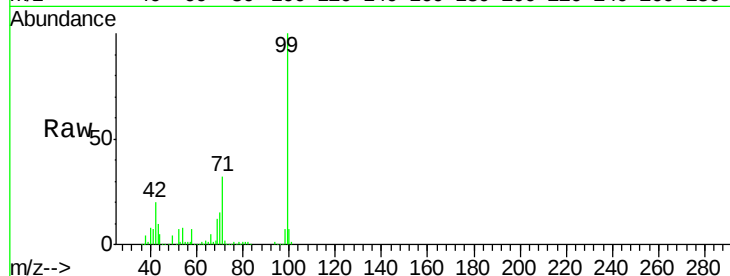
Tot Ion: 99 Resp: 961364

Ion Ratio Lower Upper

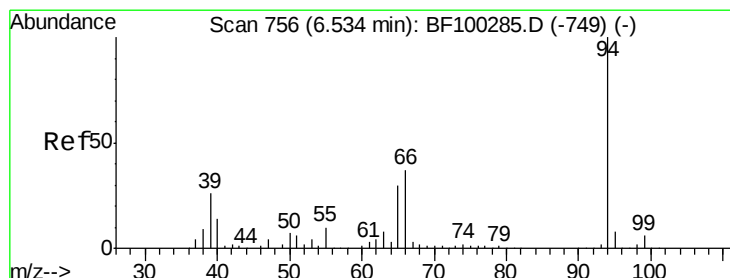
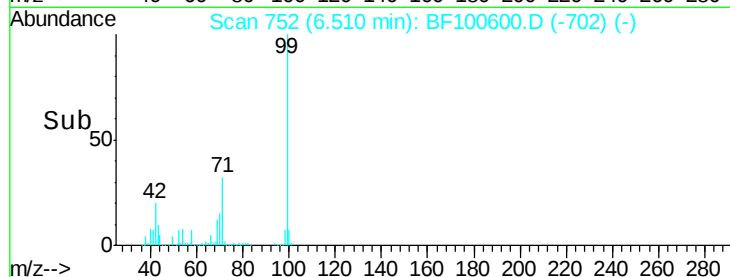
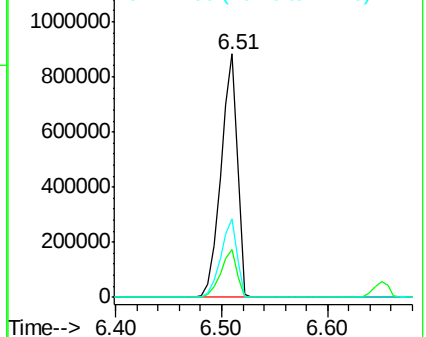
99 100

42 19.5 14.5 21.7

71 32.4 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: 4.22 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

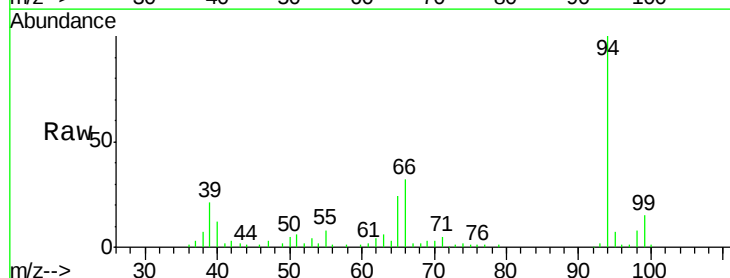
Tgt Ion: 94 Resp: 44655

Ion Ratio Lower Upper

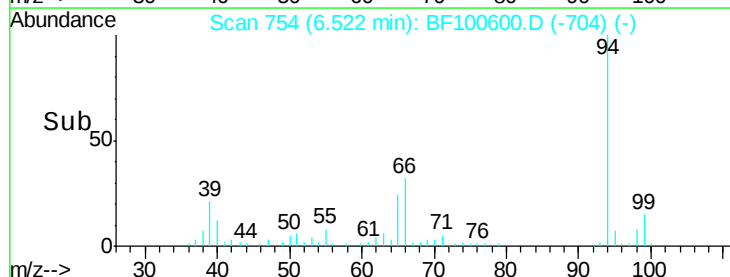
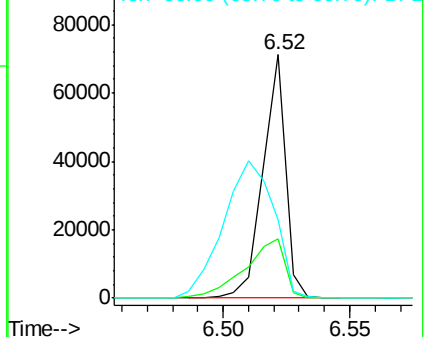
94 100

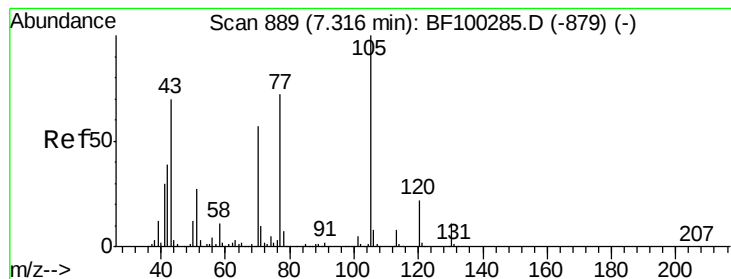
65 24.3 7.9 47.9

66 32.5 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: 11.03 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

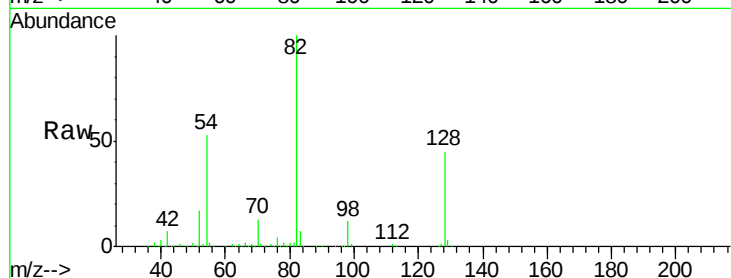
Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 70 Resp: 77046

Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

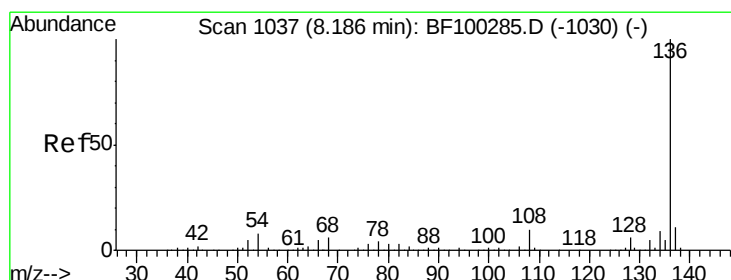
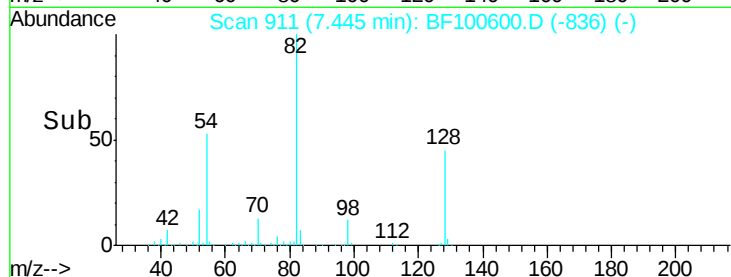
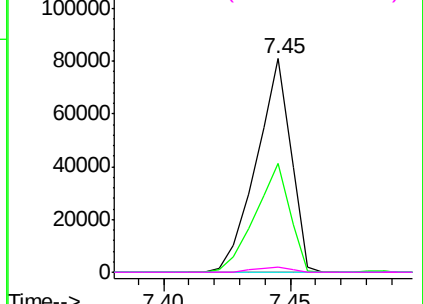
130 2.4 16.6 25.0#

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: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

Tgt Ion:136 Resp: 500529

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

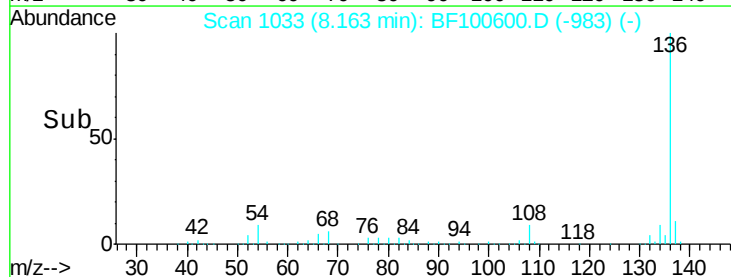
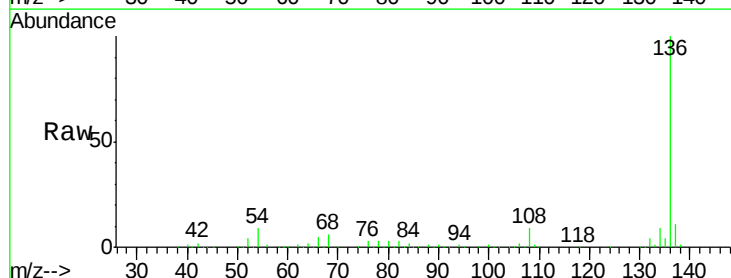
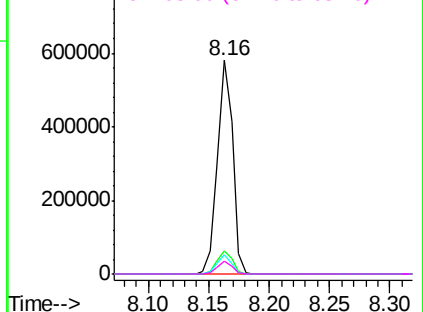
68 6.1 5.0 7.4

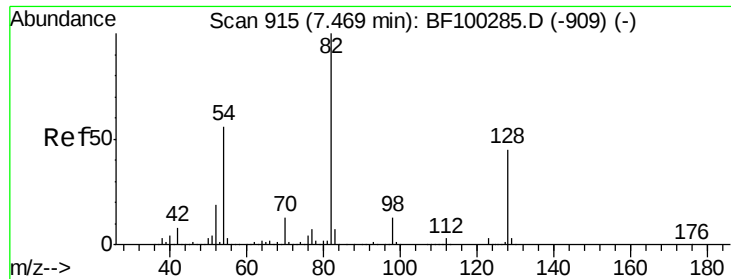
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

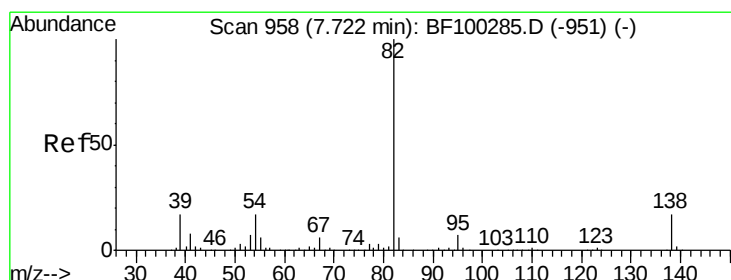
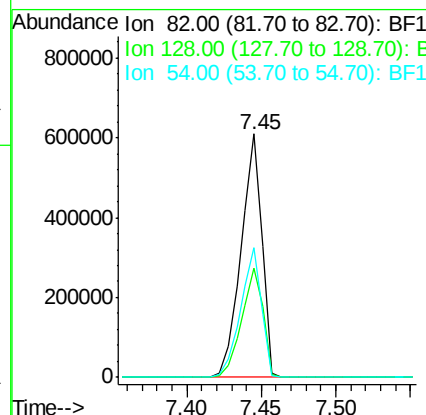
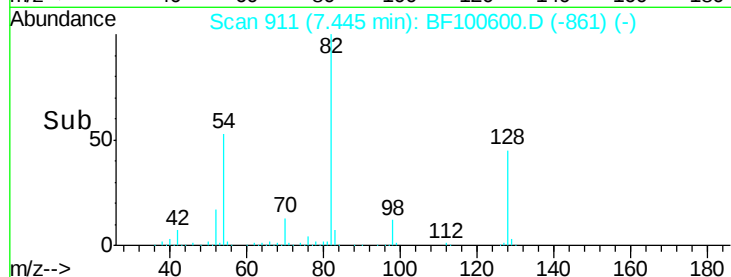
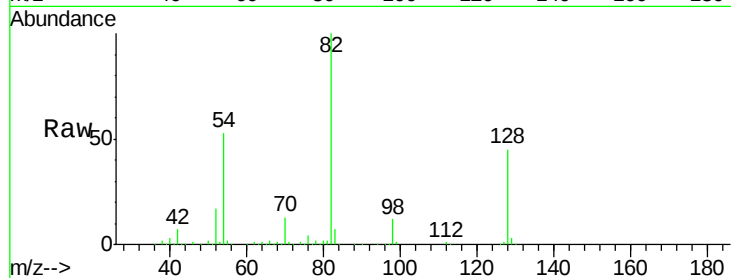




#23
Nitrobenzene-d5
Concen: 78.72 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

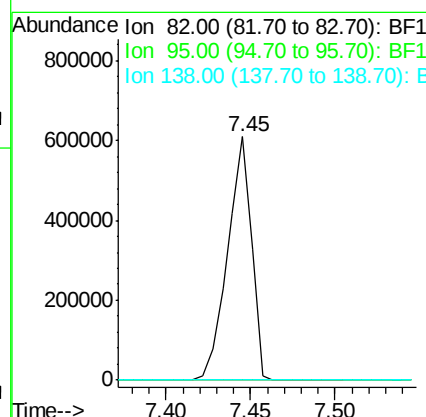
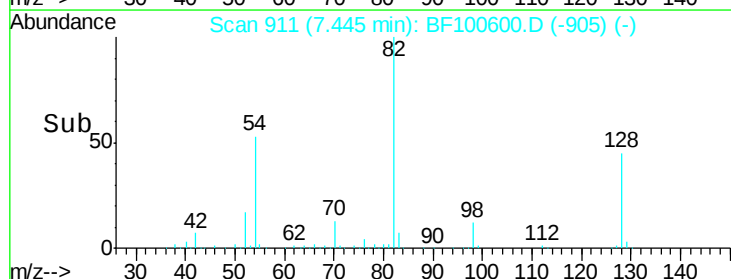
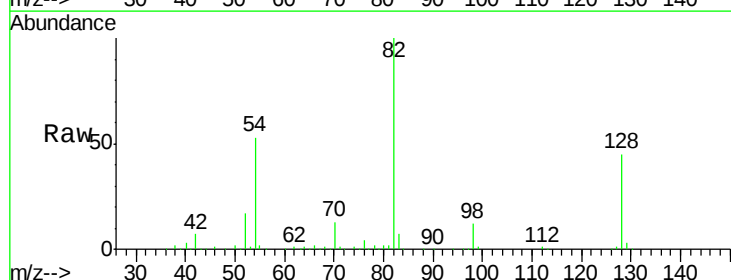
Instrument :
BNA_F
ClientSampleId :

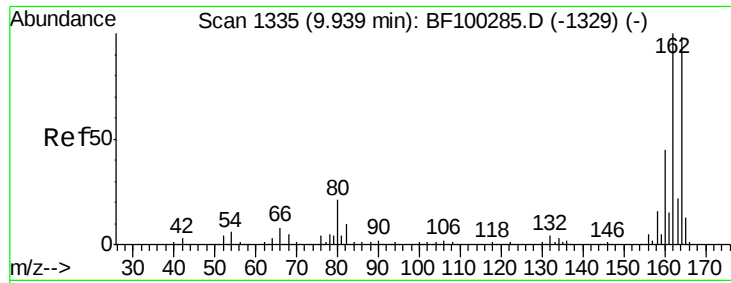
Tot Ion: 82 Resp: 596001
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 53.2 41.4 62.2



#25
Isophorone
Concen: 37.46 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Tgt Ion: 82 Resp: 595950
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

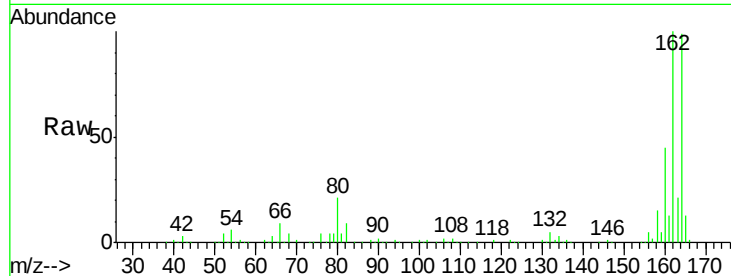




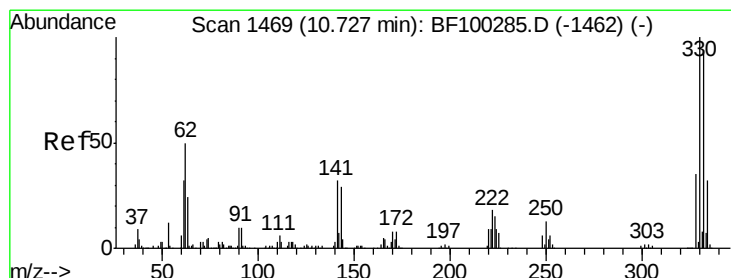
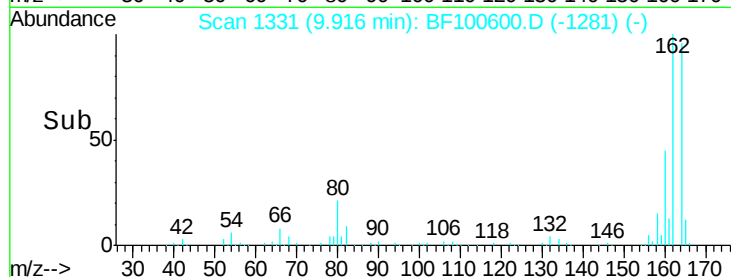
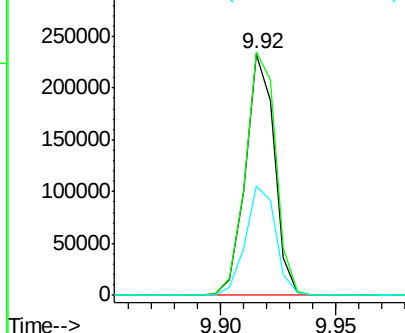
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100600.D
 Acq: 15 Nov 2017 20:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 203450
 Ion Ratio Lower Upper
 164 100
 162 100.9 86.1 129.1
 160 45.5 38.3 57.5

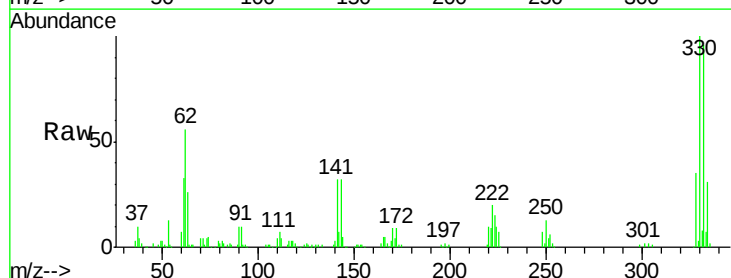


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

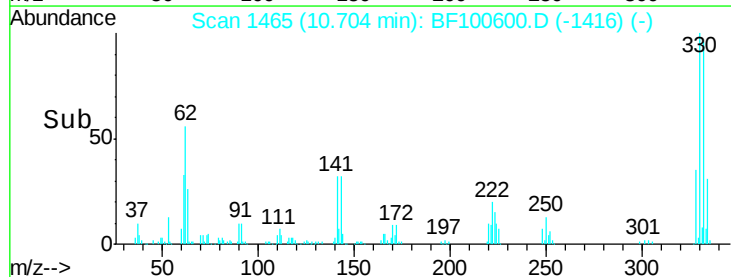
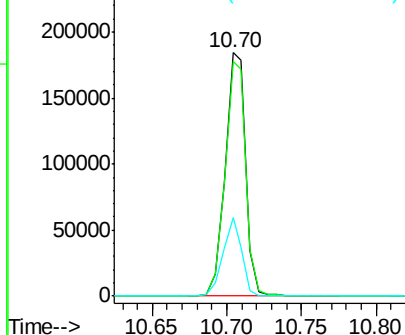


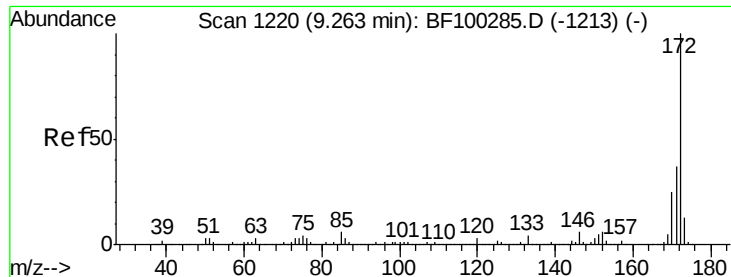
#41
 2,4,6-Tribromophenol
 Concen: 86.63 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100600.D
 Acq: 15 Nov 2017 20:41

Tgt Ion:330 Resp: 179590
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.5 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

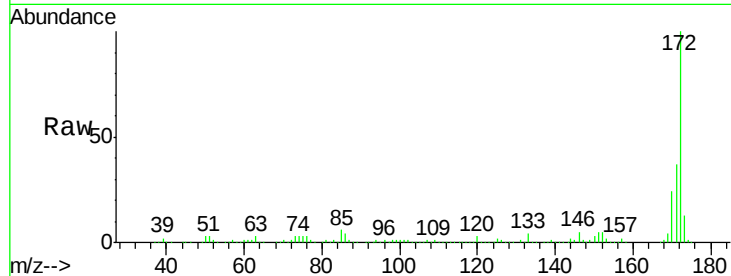




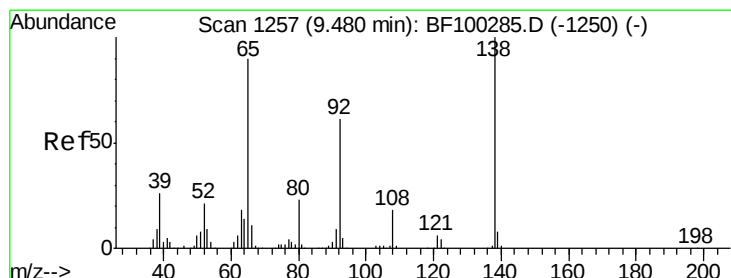
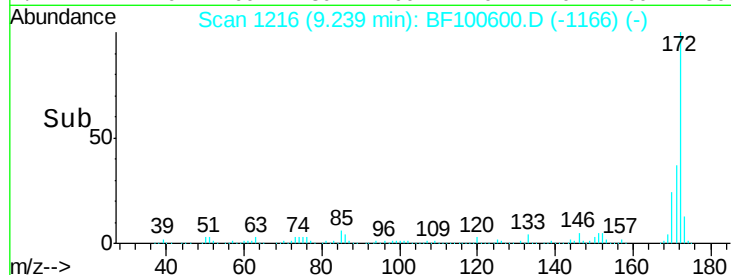
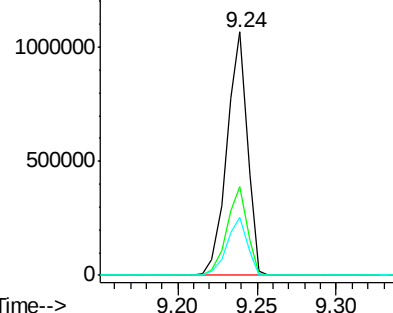
#44
2-Fluorobiphenyl
Concen: 71.09 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 949858
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.1 19.6 29.4

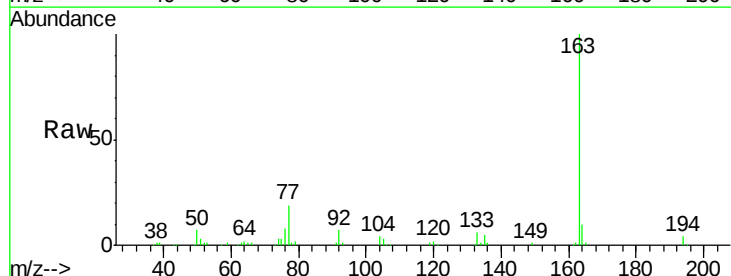


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

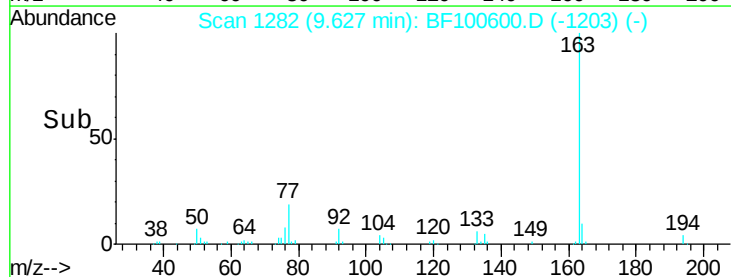
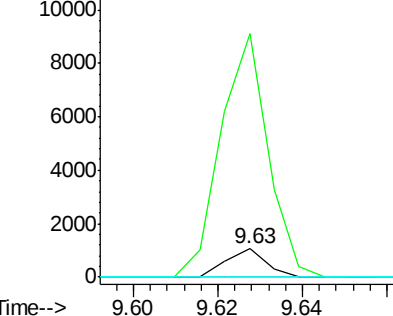


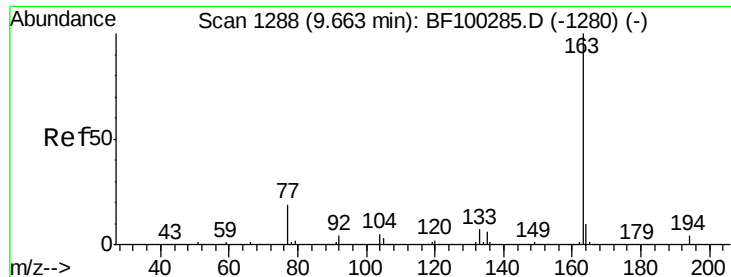
#47
2-Nitroaniline
Concen: 2.95 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.16 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Tgt Ion: 65 Resp: 683
Ion Ratio Lower Upper
65 100
92 869.2 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

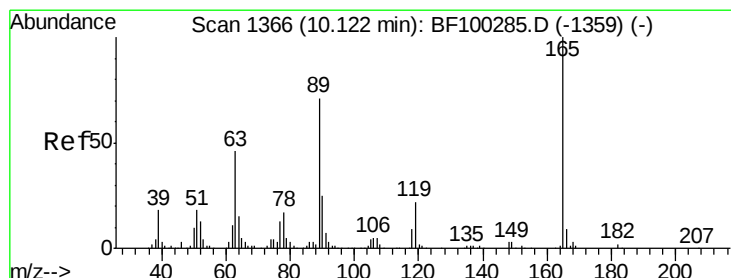
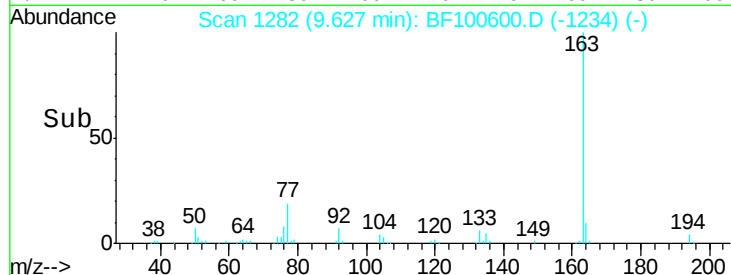
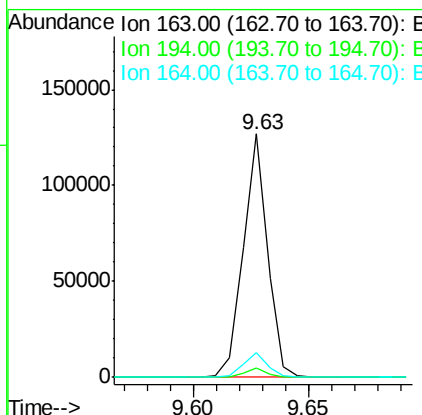
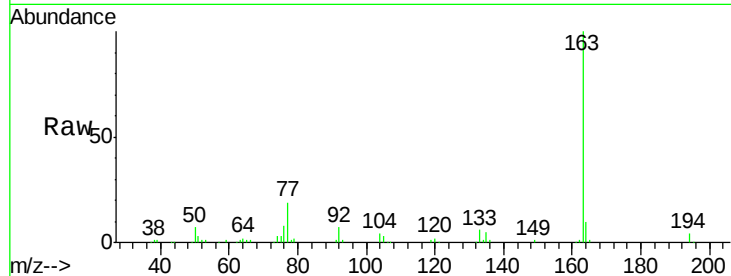




#49
Dimethylphthalate
Concen: 5.99 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

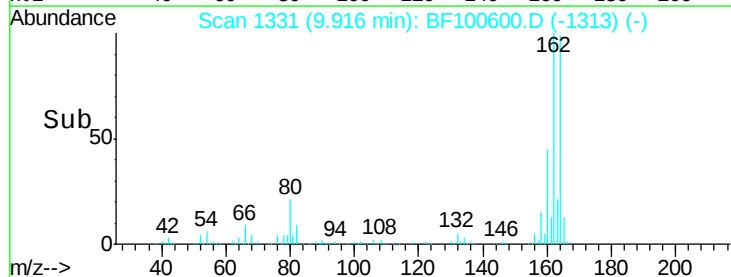
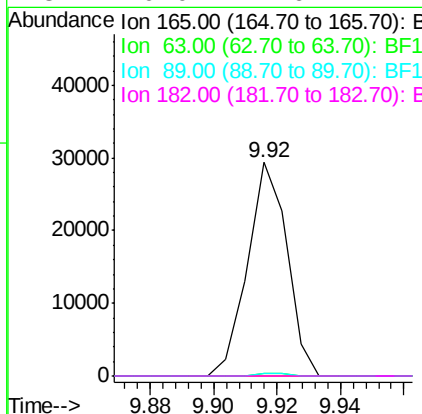
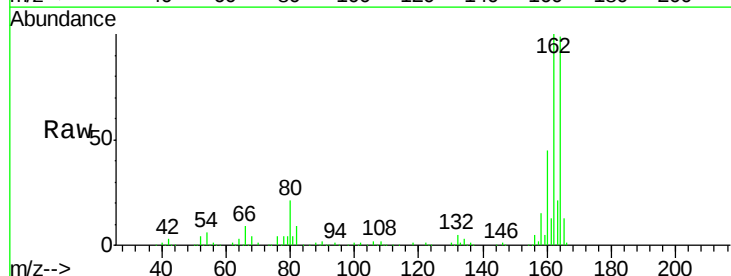
Instrument :
BNA_F
ClientSampleId :

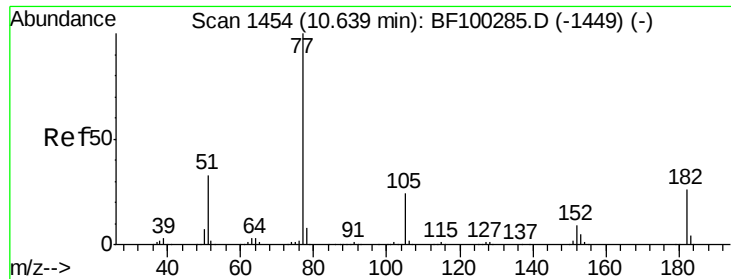
Tot Ion:163 Resp: 93046
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.53 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Tgt Ion:165 Resp: 25340
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#





#62

Azobenzene

Concen: 4.07 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 59548

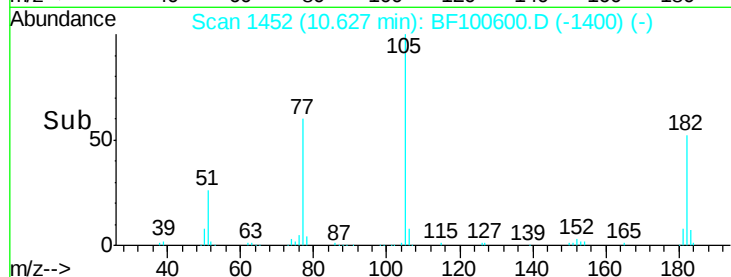
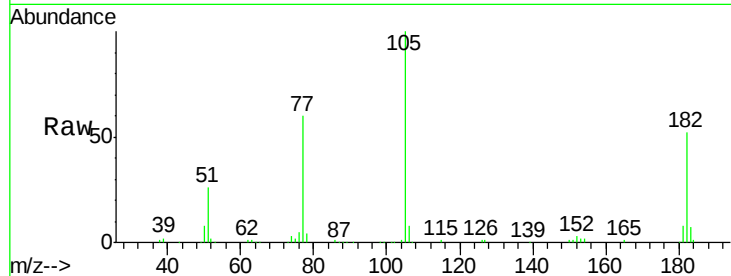
Ion Ratio Lower Upper

77 100

182 86.3 1.7 41.7#

105 165.4 3.0 43.0#

51 43.3 9.9 49.9

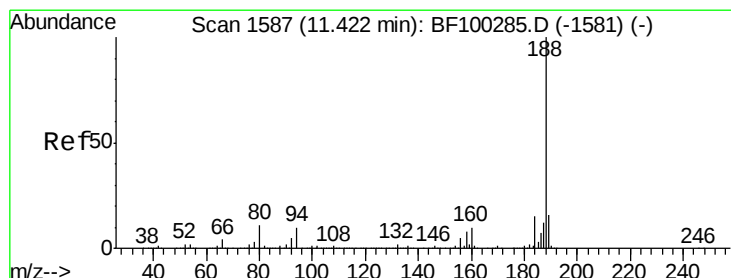
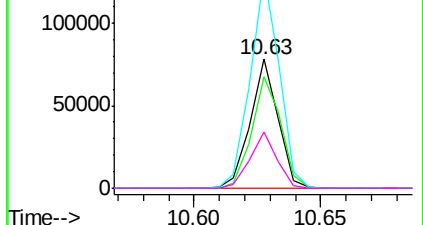


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

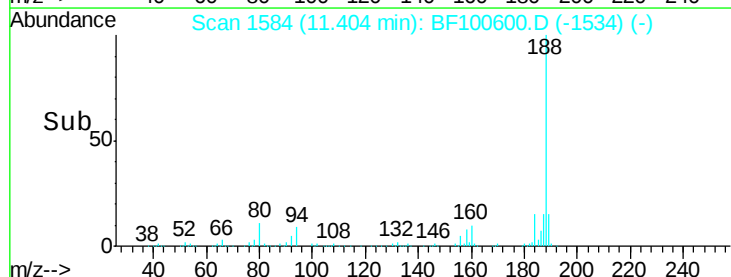
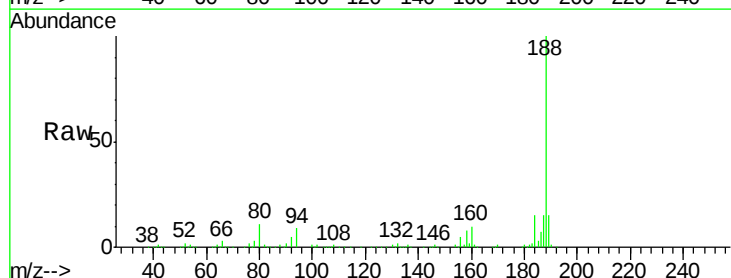
Tgt Ion: 188 Resp: 307058

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

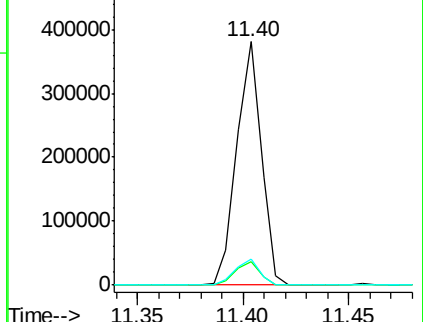
80 10.5 9.2 13.8

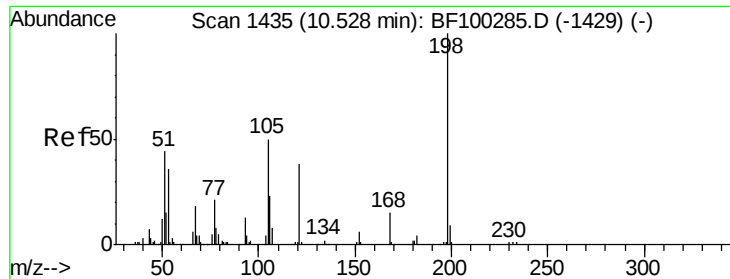


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

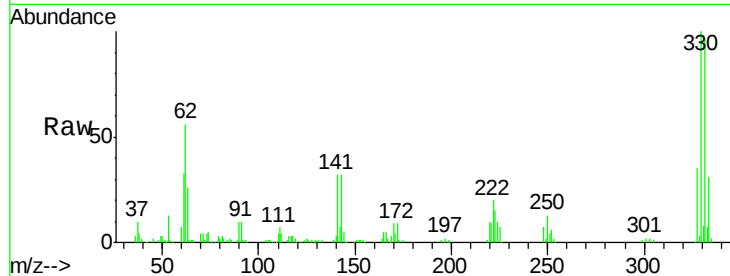




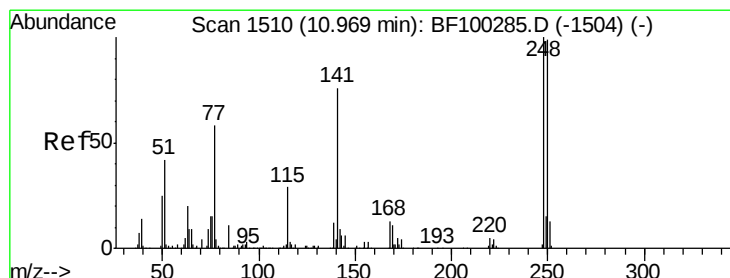
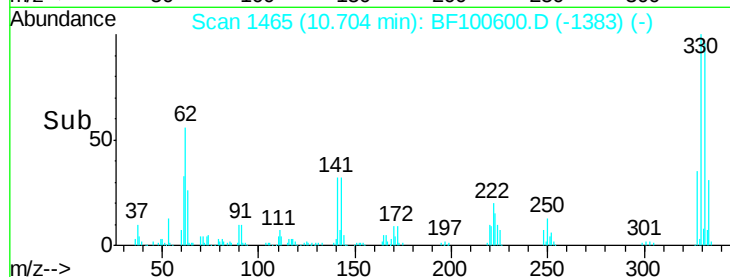
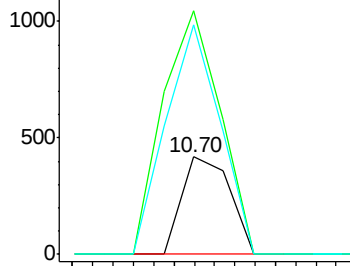
#64
4,6-Dinitro-2-methylphenol
Concen: 8.72 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 274
Ion Ratio Lower Upper
198 100
51 250.6 37.7 77.7#
105 236.5 36.3 76.3#

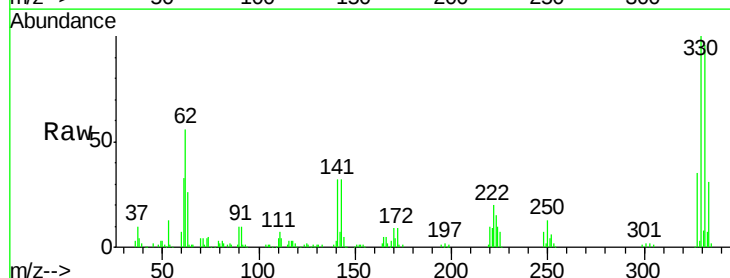


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

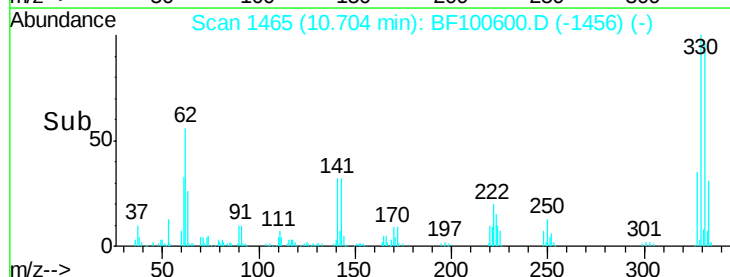
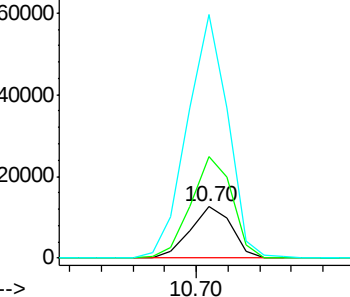


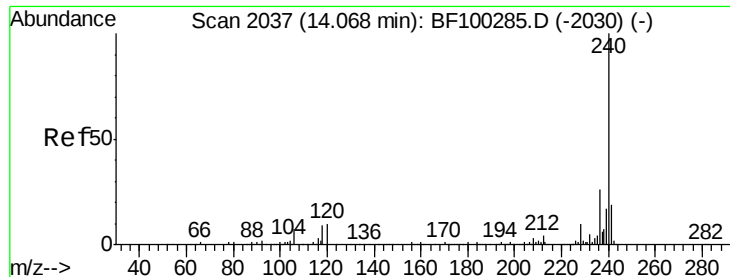
#66
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Tgt Ion:248 Resp: 11515
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 473.3 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# 2032

Delta R.T. -0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

Instrument :

BNA_F

ClientSampleId :

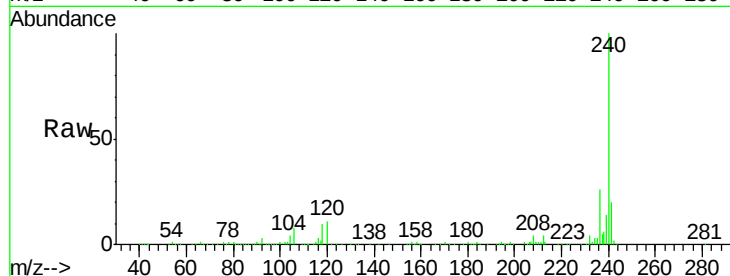
Tot Ion:240 Resp: 272858

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

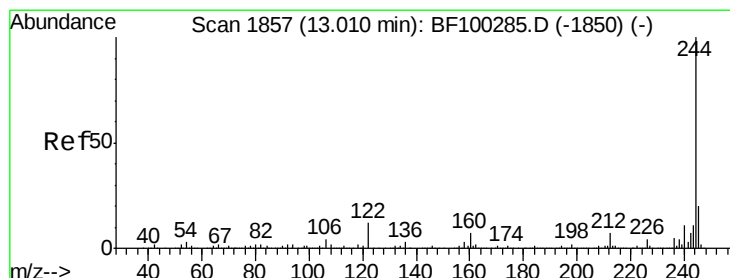
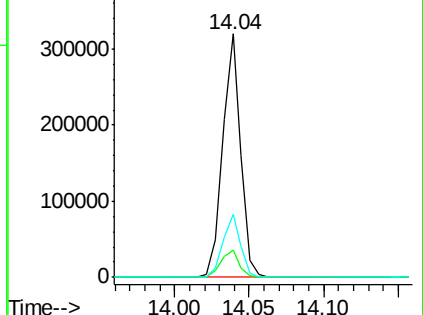
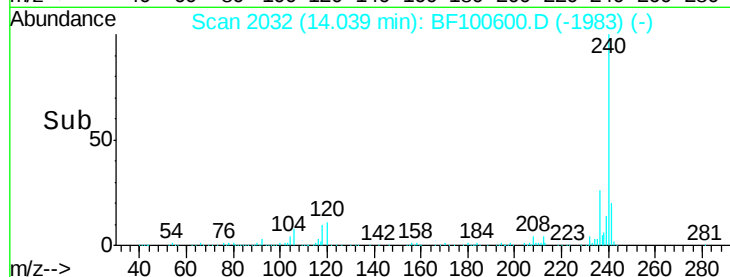
236 26.0 20.7 31.1



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: 52.87 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100600.D

Acq: 15 Nov 2017 20:41

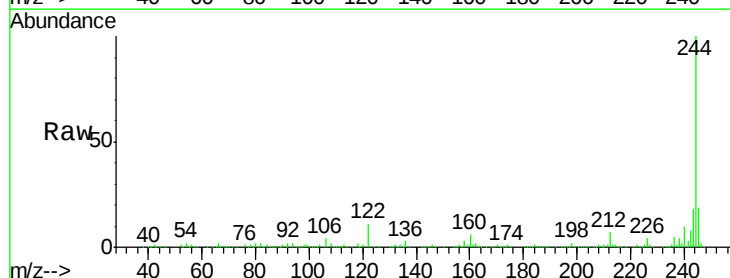
Tgt Ion:244 Resp: 627806

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

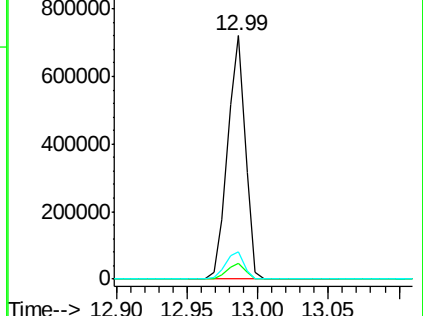
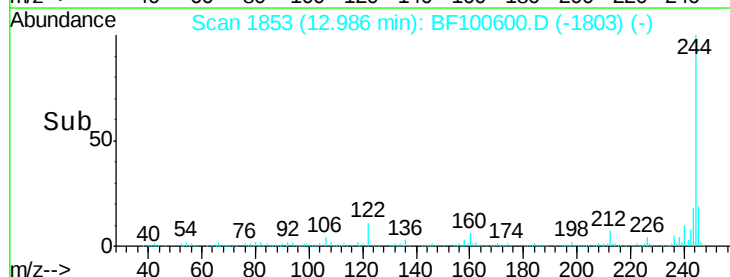
122 11.0 11.0 16.4

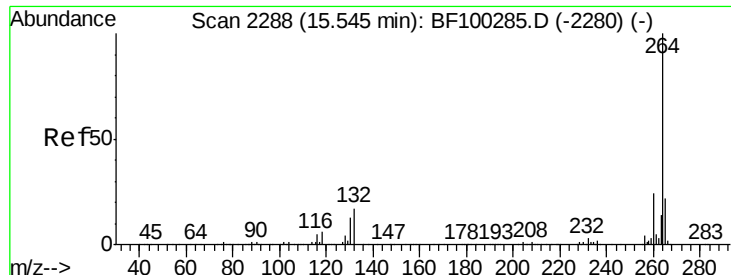


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100600.D
Acq: 15 Nov 2017 20:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	17.5	26.3

