

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111617\
 Data File : BF100623.D
 Acq On : 16 Nov 2017 11:46
 Operator : SJ/JU
 Sample : PB104287BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BL

Quant Time: Nov 16 12:25:29 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	101009	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	397449	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	189171	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	381182	20.00	ng	0.00
75) Chrysene-d12	14.04	240	313374	20.00	ng	0.00
86) Perylene-d12	15.51	264	224531	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	664568	105.47	ng	0.00
7) Phenol-d6	6.50	99	792014	101.93	ng	0.00
23) Nitrobenzene-d5	7.44	82	489374	81.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	204396	106.03	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	979007	78.80	ng	0.00
78) Terphenyl-d14	12.99	244	995421	72.99	ng	0.00

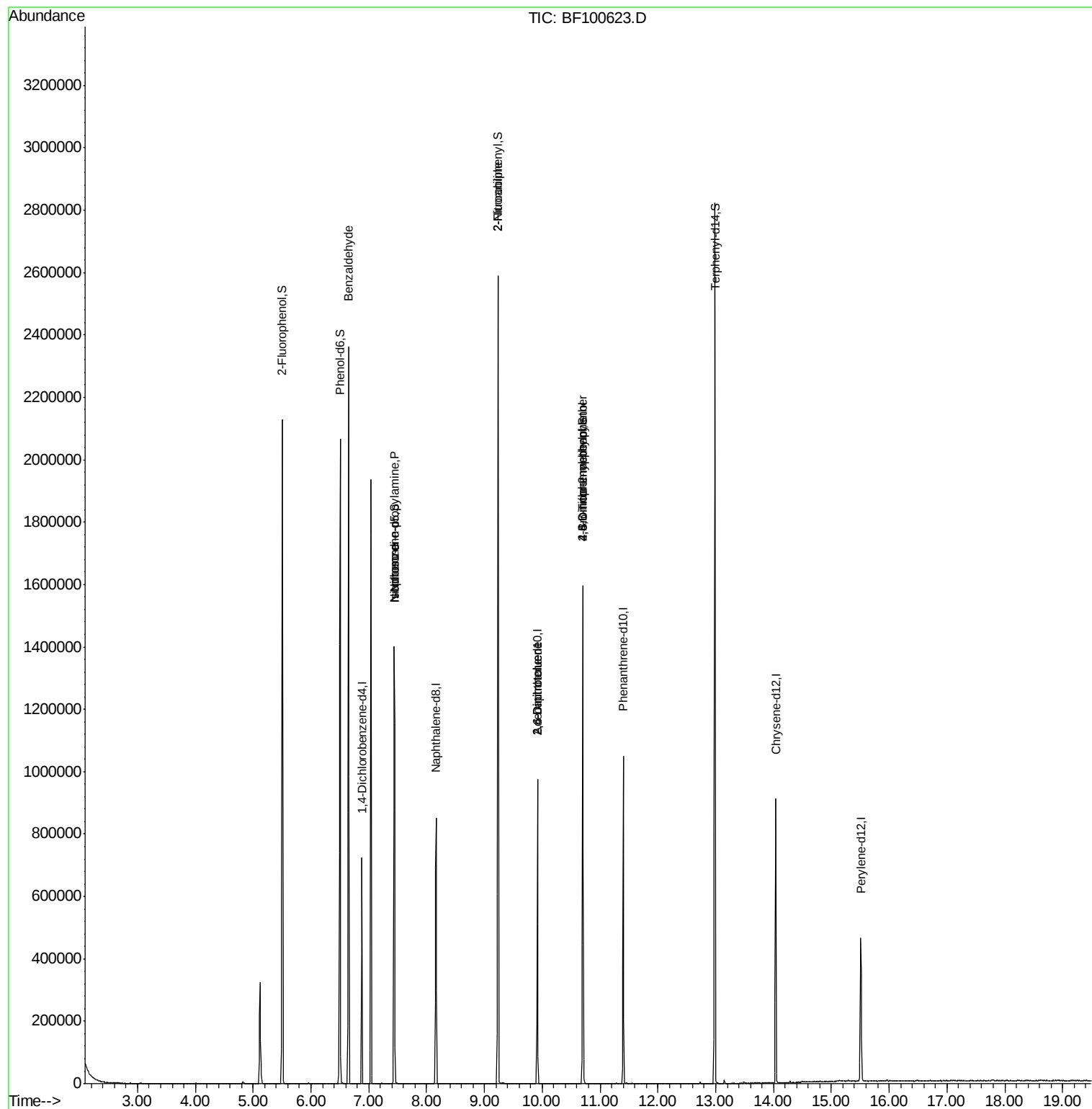
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	13946	2.513	ng	83
19) n-Nitroso-di-n-propylamine	7.44	70	62920	11.676	ng	# 82
25) Isophorone	7.44	82	488749	38.688	ng	# 64
47) 2-Nitroaniline	9.23	65	1340	3.144	ng	# 1
50) 2,6-Dinitrotoluene	9.92	165	23892	8.357	ng	# 24
56) 2,4-Dinitrotoluene	9.92	165	23892	6.624	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	255	8.679	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	12530	3.066	ng	# 1

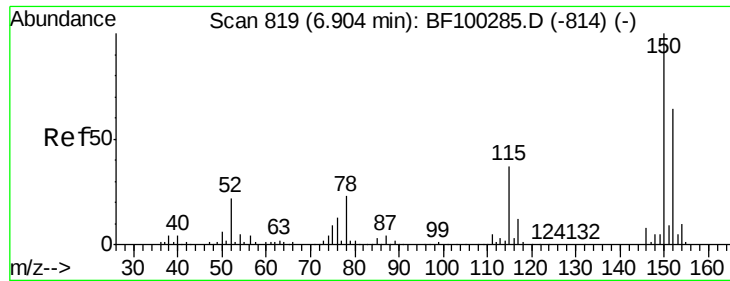
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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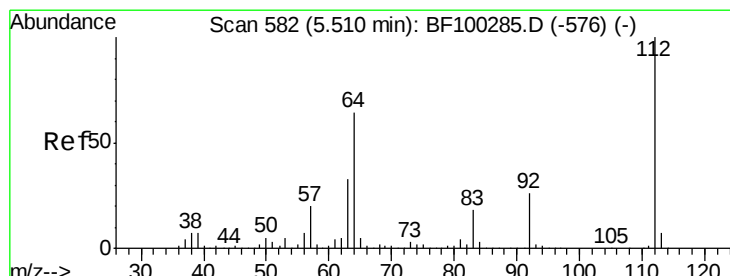
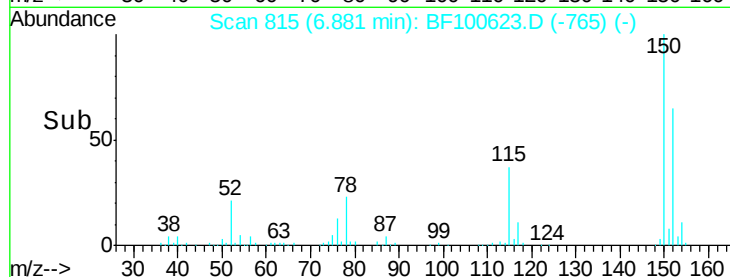
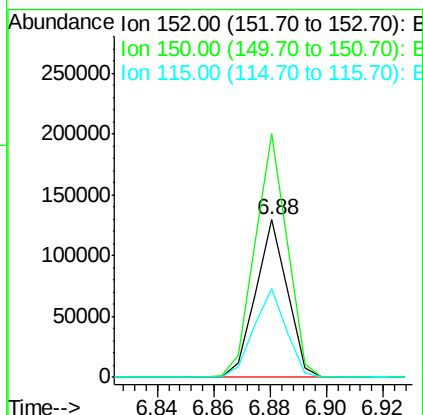
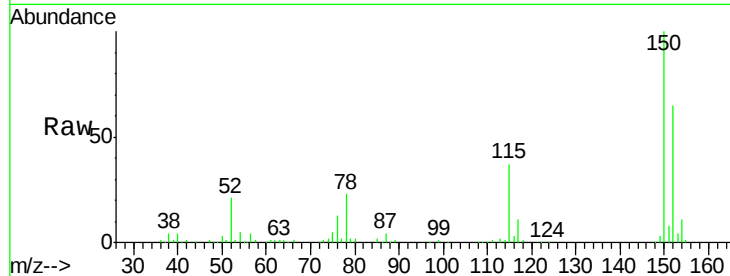




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

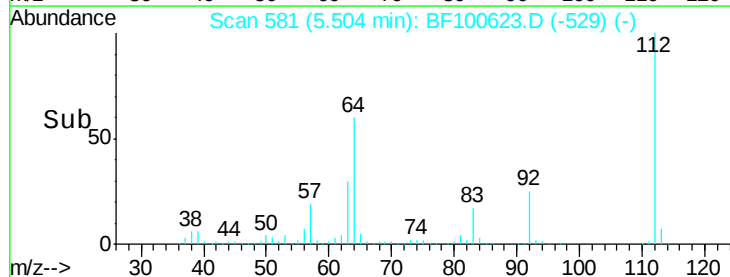
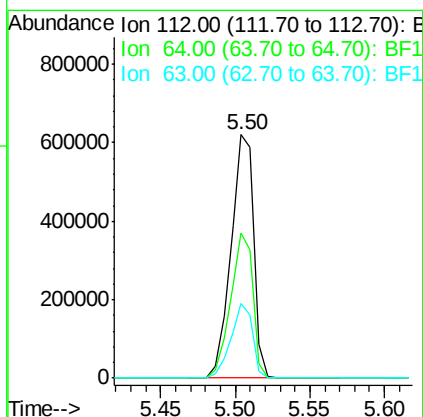
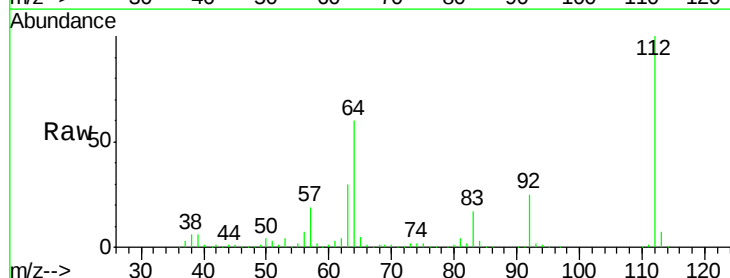
Instrument :
 BNA_F
 ClientSampled :
 PB104287BL

Tgt Ion:152 Resp: 101009
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.6 186.8
 115 56.7 50.1 75.1



#5
 2-Fluorophenol
 Concen: 105.465 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Tgt Ion:112 Resp: 664568
 Ion Ratio Lower Upper
 112 100
 64 59.7 47.9 71.9
 63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 101.928 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

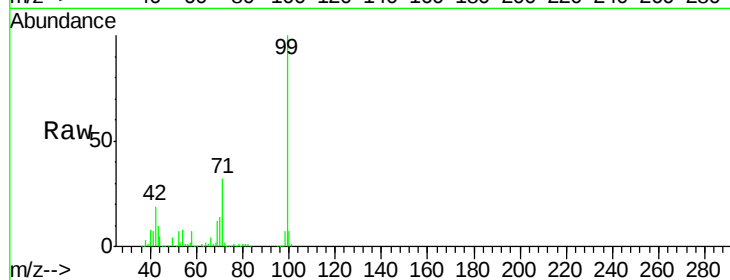
Tgt Ion: 99 Resp: 792014

Ion Ratio Lower Upper

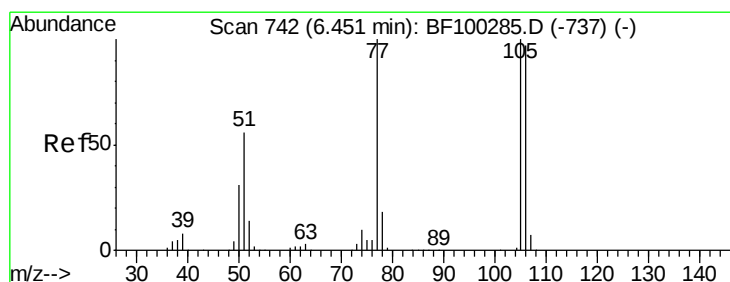
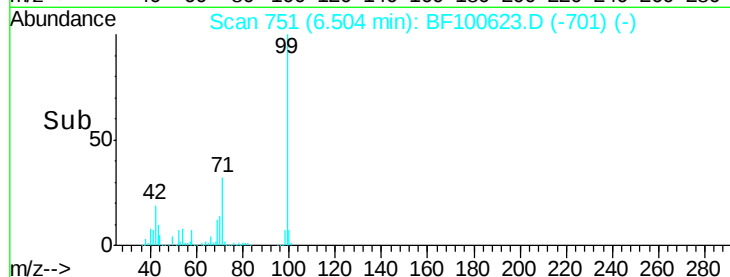
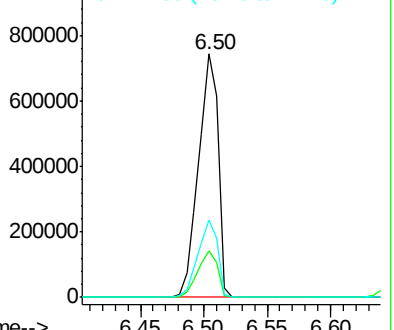
99 100

42 19.1 14.5 21.7

71 31.6 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



#9

Benzaldehyde

Concen: 2.513 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.21 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

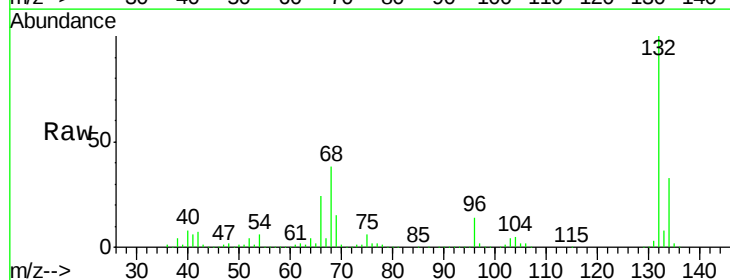
Tgt Ion: 77 Resp: 13946

Ion Ratio Lower Upper

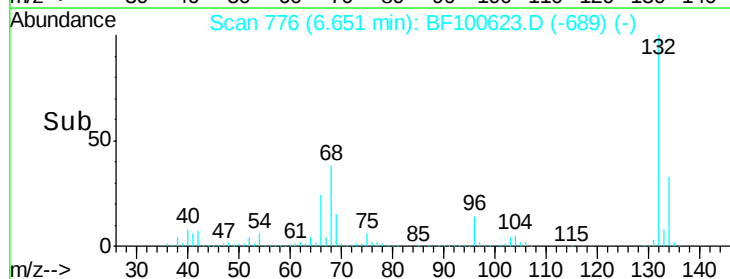
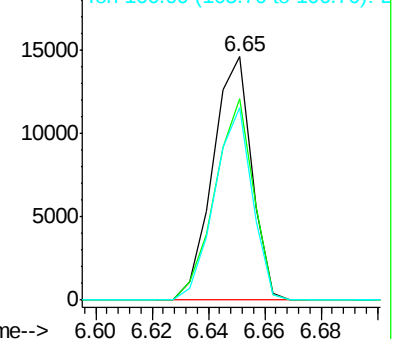
77 100

105 82.5 81.1 121.1

106 79.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.676 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

Tgt Ion: 70 Resp: 62920

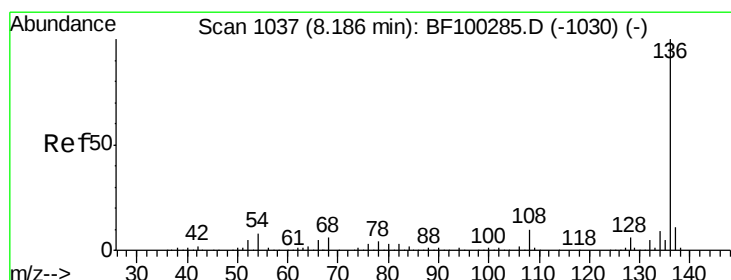
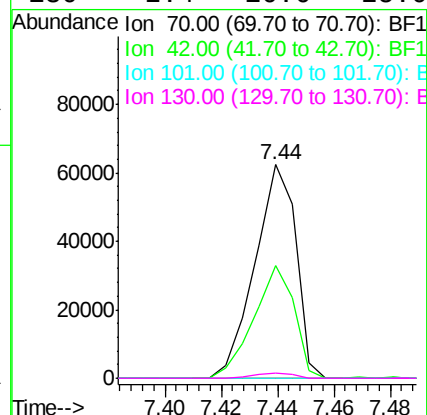
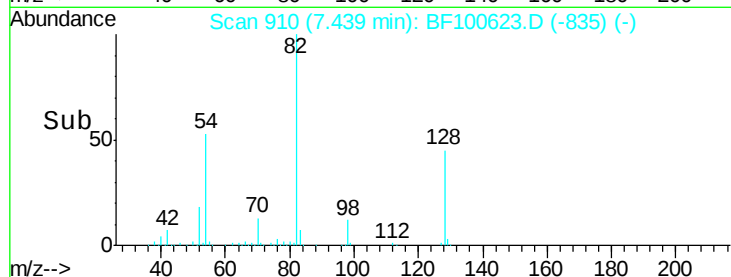
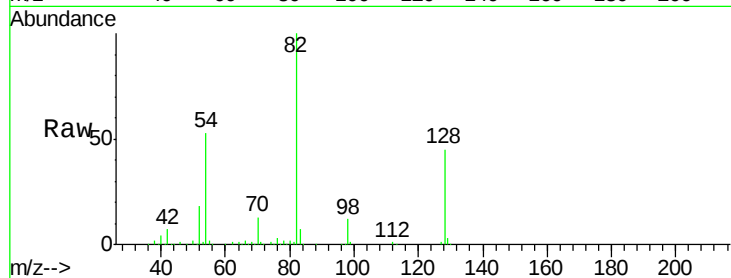
Ion Ratio Lower Upper

70 100

42 52.6 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Tgt Ion: 136 Resp: 397449

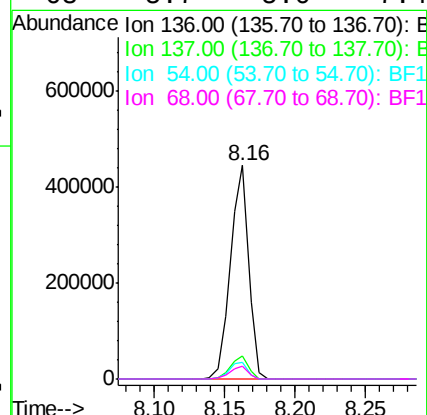
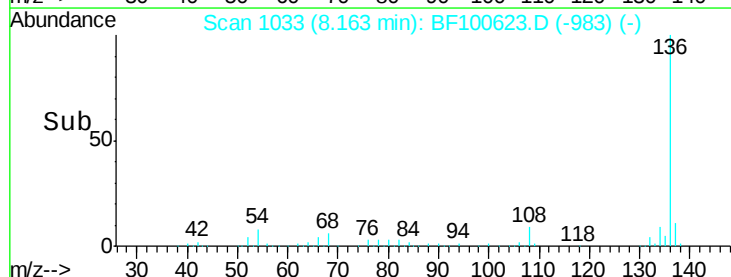
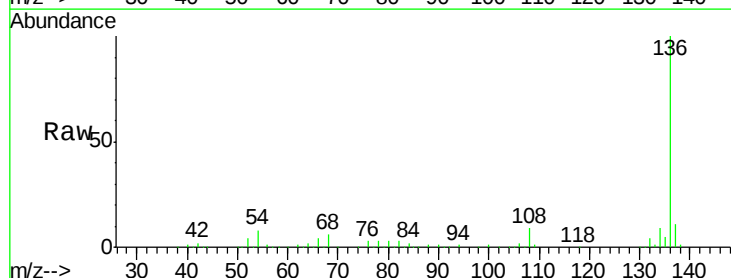
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 5.7 5.0 7.4

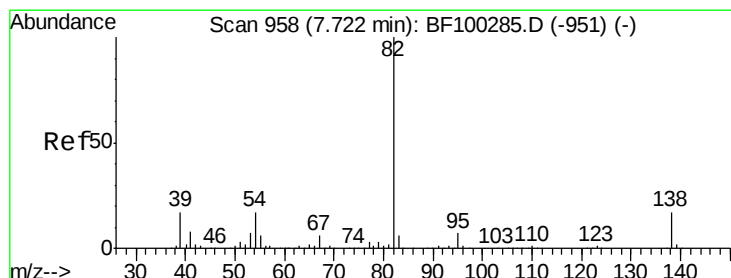
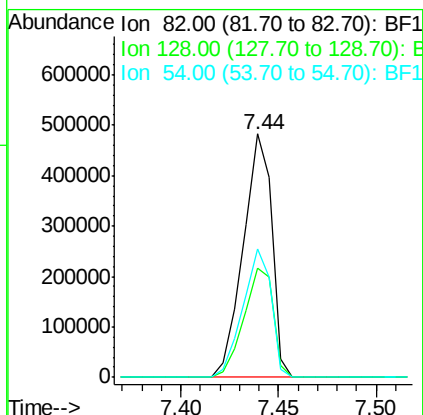
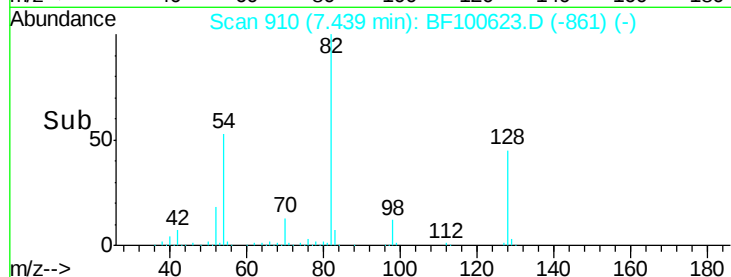
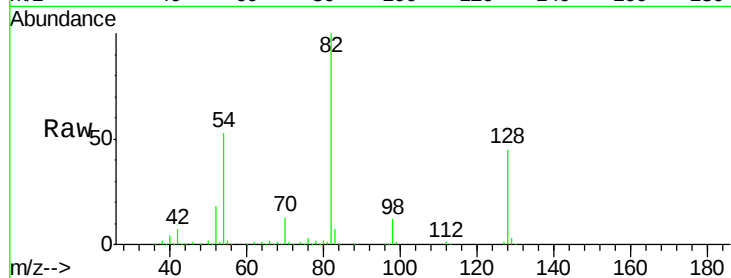




#23
Nitrobenzene-d5
Concen: 81.405 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100623.D
Acq: 16 Nov 2017 11:46

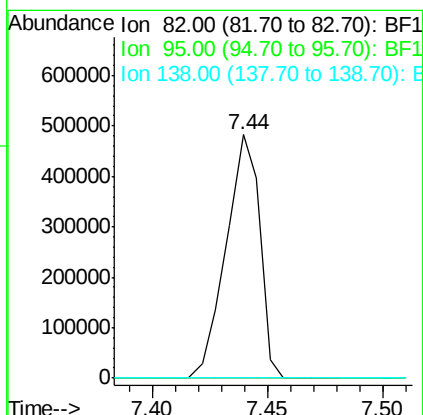
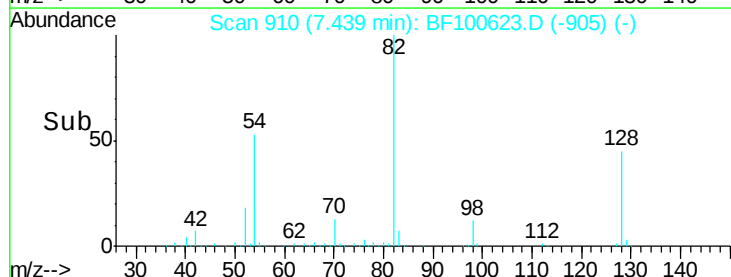
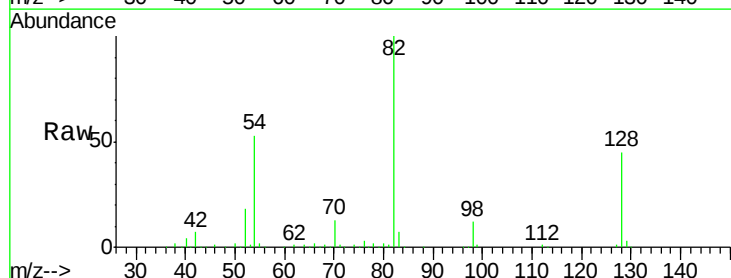
Instrument :
BNA_F
ClientSampleId :
PB104287BL

Tgt Ion: 82 Resp: 489374
Ion Ratio Lower Upper
82 100
128 45.0 36.1 54.1
54 52.6 41.4 62.2



#25
Isophorone
Concen: 38.688 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF100623.D
Acq: 16 Nov 2017 11:46

Tgt Ion: 82 Resp: 488749
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

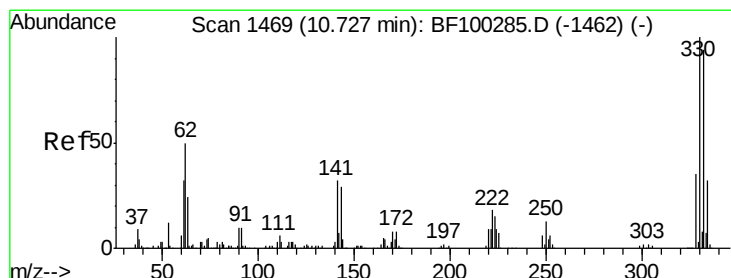
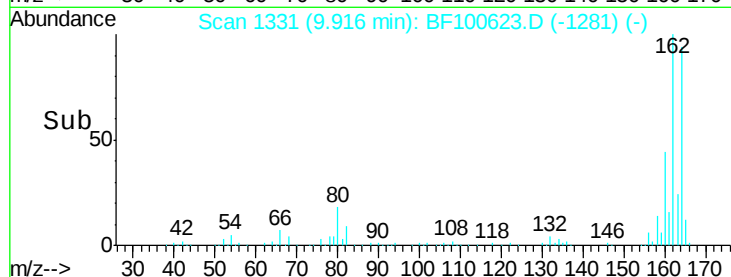
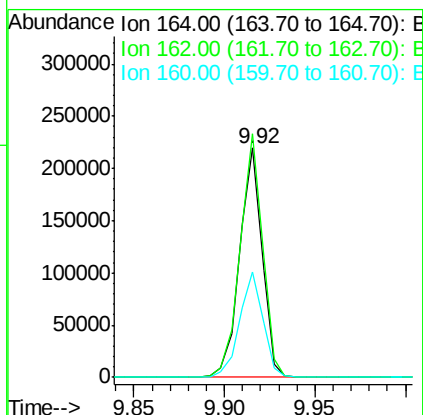
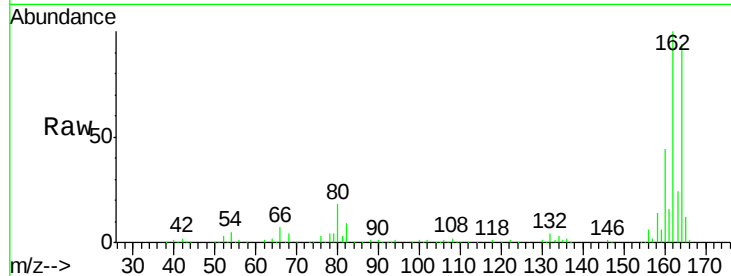




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

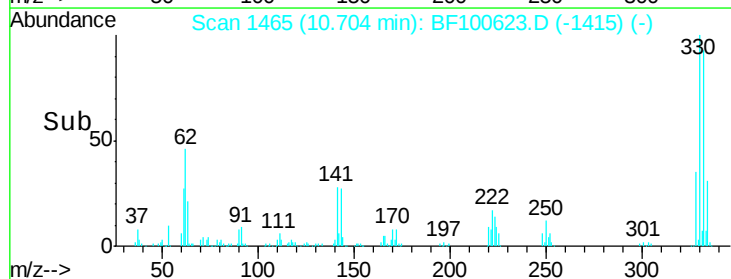
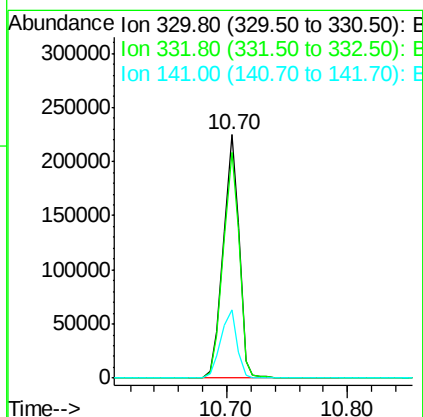
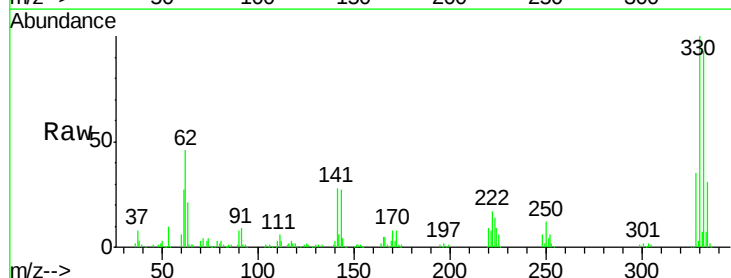
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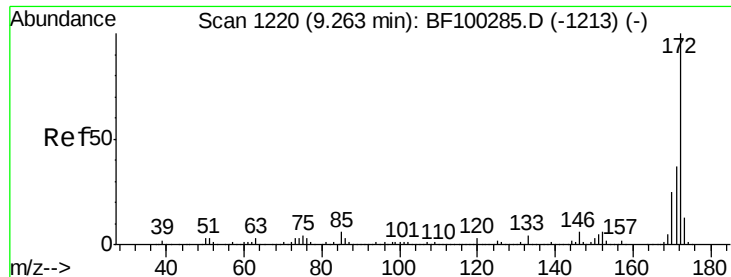
Tgt Ion:164 Resp: 189171
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 106.034 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Tgt Ion:330 Resp: 204396
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 28.3 29.9 44.9#

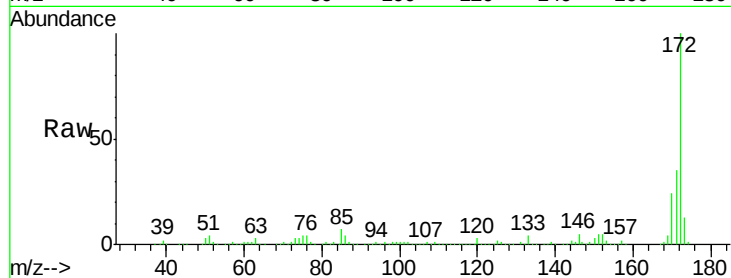




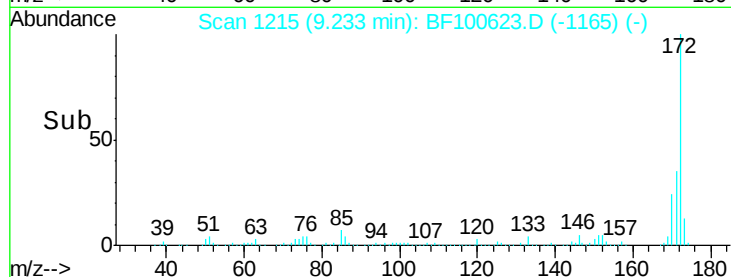
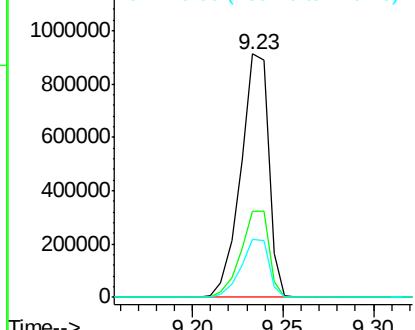
#44
 2-Fluorobiphenyl
 Concen: 78.804 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :
 PB104287BL

Tgt Ion: 172 Resp: 979007
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.6 19.6 29.4

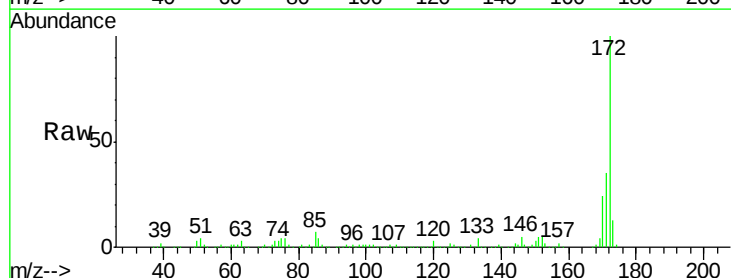


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

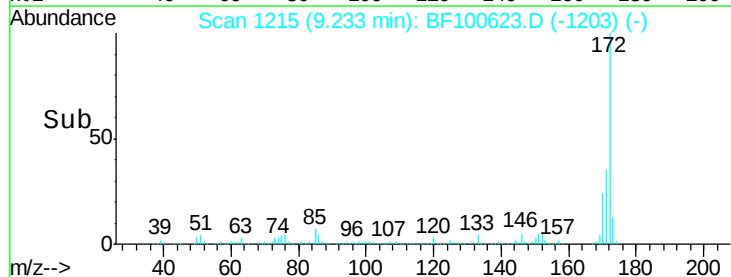
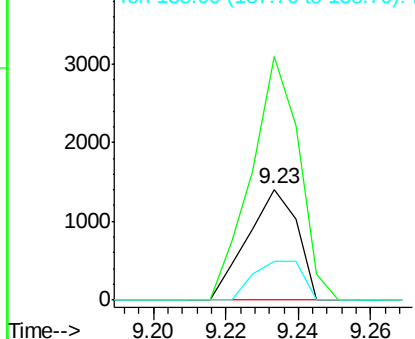


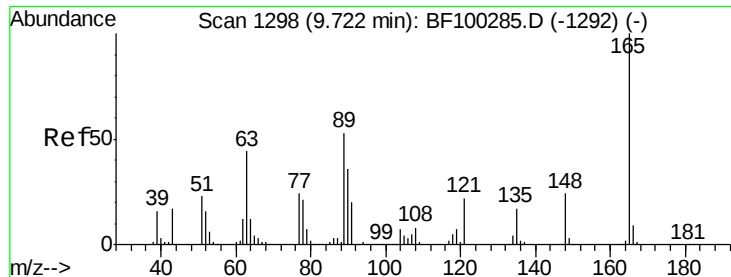
#47
 2-Nitroaniline
 Concen: 3.144 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

Tgt Ion: 65 Resp: 1340
 Ion Ratio Lower Upper
 65 100
 92 219.1 55.8 83.6#
 138 34.7 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

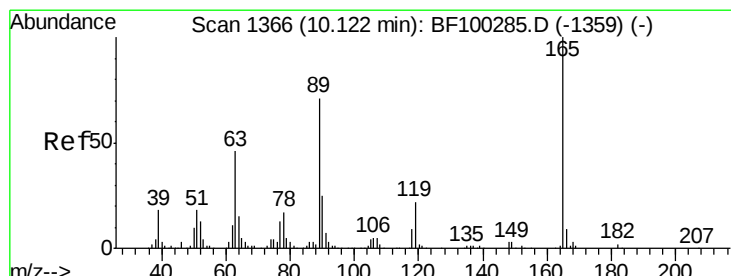
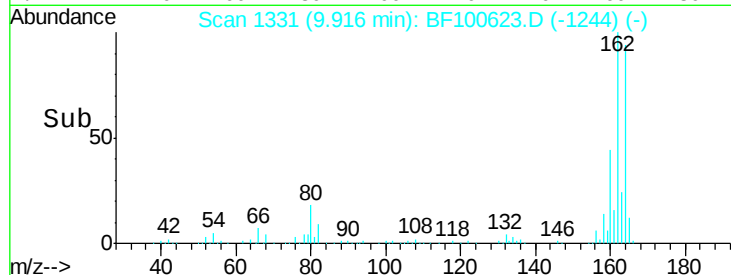
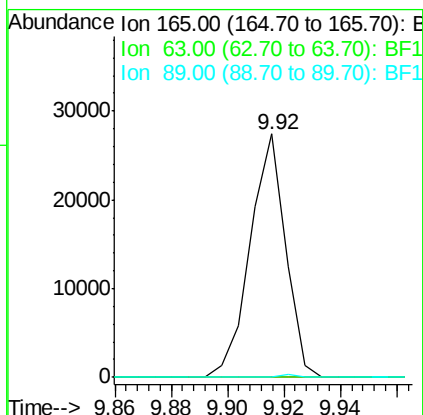
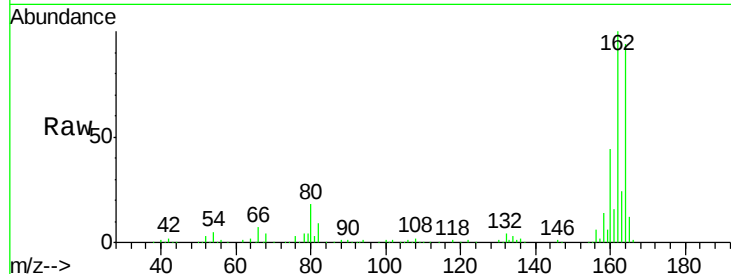




#50
 2,6-Dinitrotoluene
 Concen: 8.357 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.21 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

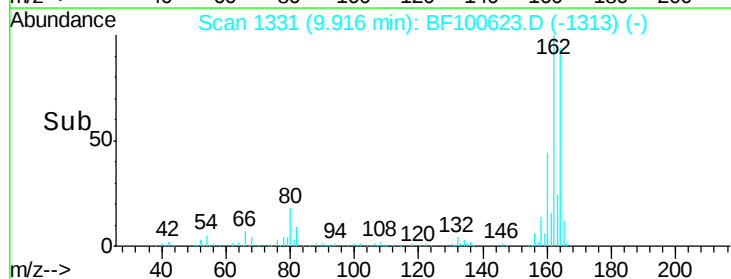
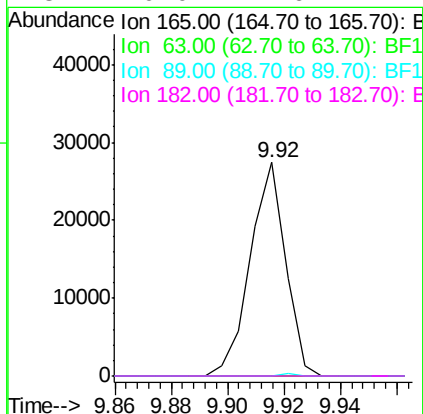
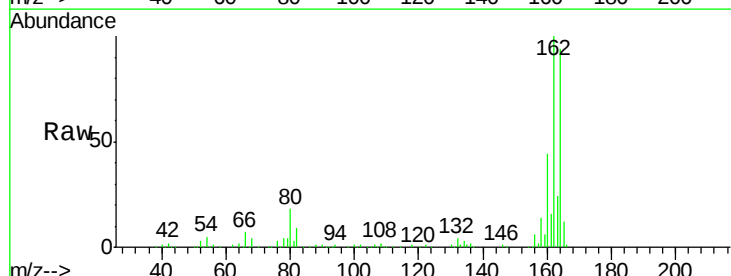
Instrument :
 BNA_F
 ClientSampleId :
 PB104287BL

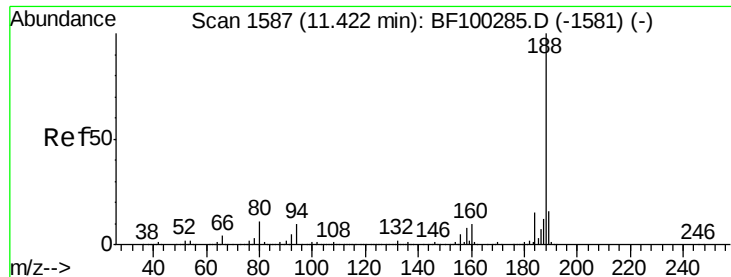
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.624 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF100623.D
 Acq: 16 Nov 2017 11:46

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

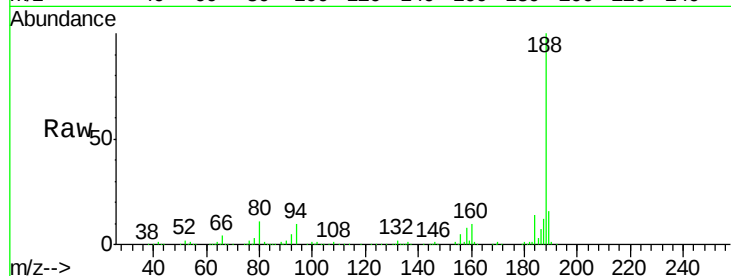
Tgt Ion:188 Resp: 381182

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

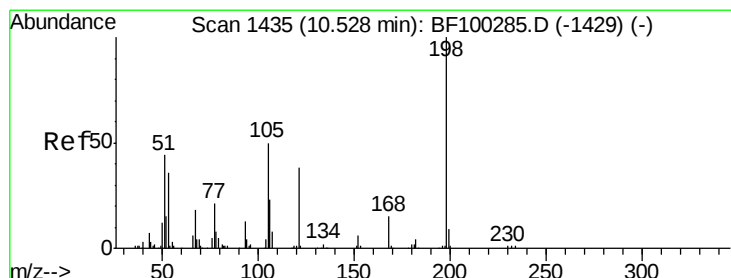
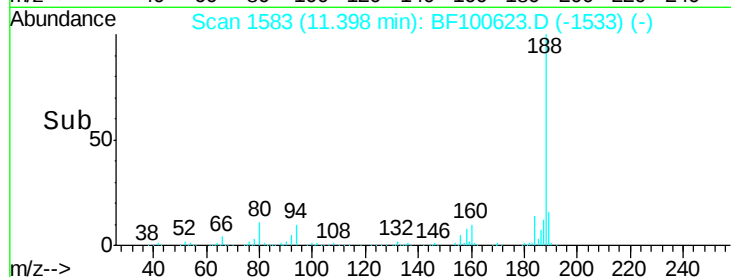
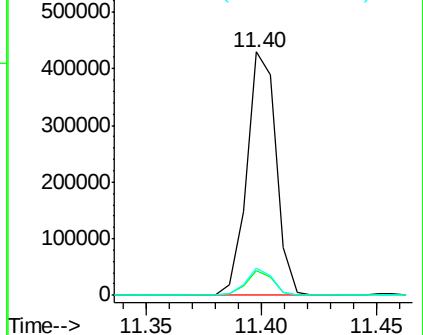
80 11.3 9.2 13.8



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: 8.679 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.19 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

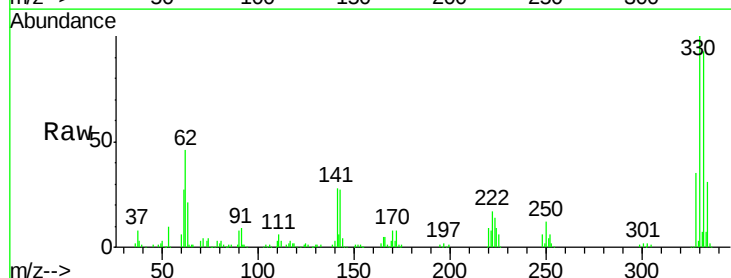
Tgt Ion:198 Resp: 255

Ion Ratio Lower Upper

198 100

51 213.4 37.7 77.7#

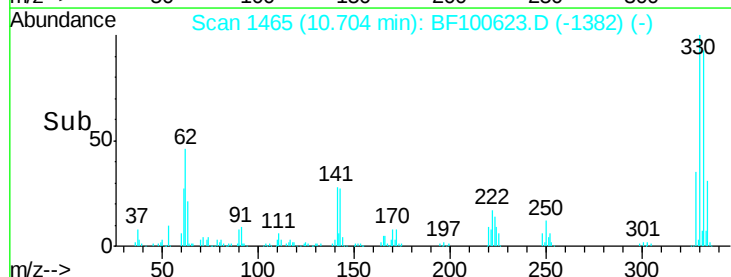
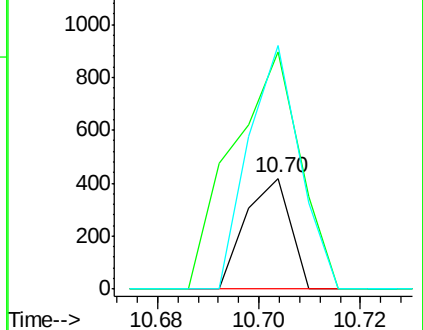
105 219.6 36.3 76.3#

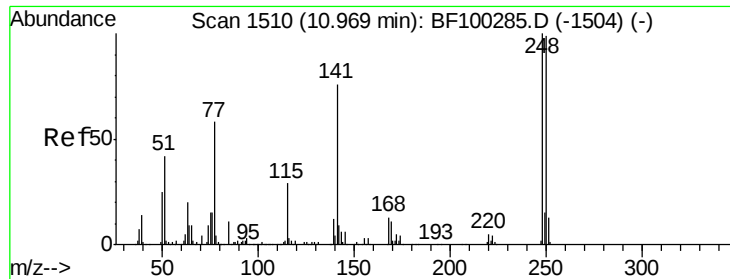


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

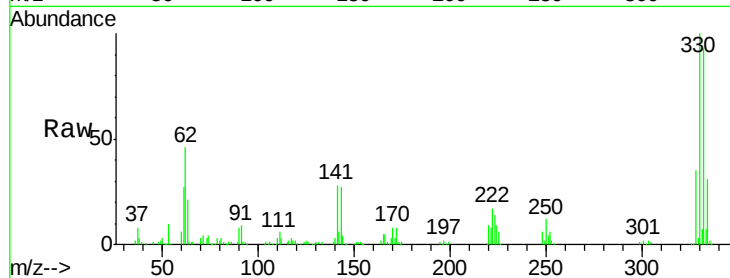




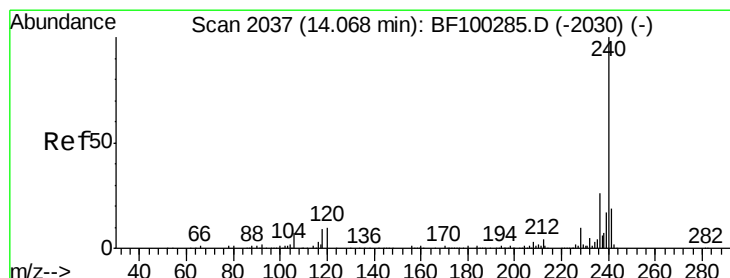
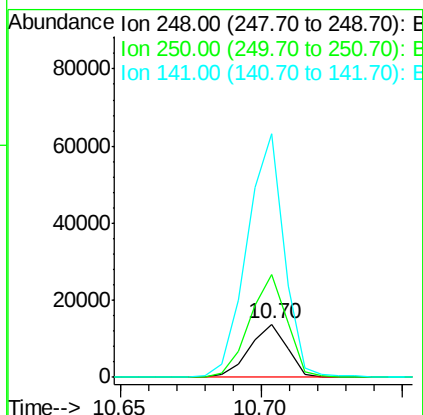
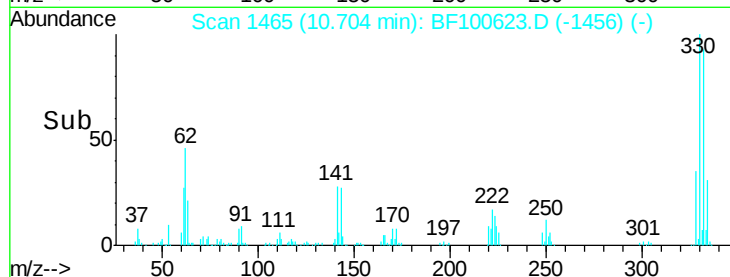
#66
4-Bromophenyl-phenylether
Concen: 3.066 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100623.D
Acq: 16 Nov 2017 11:46

Instrument :
BNA_F
ClientSampleId :
PB104287BL

Tgt Ion:248 Resp: 12530
Ion Ratio Lower Upper
248 100
250 194.0 76.9 115.3#
141 458.4 74.4 111.6#

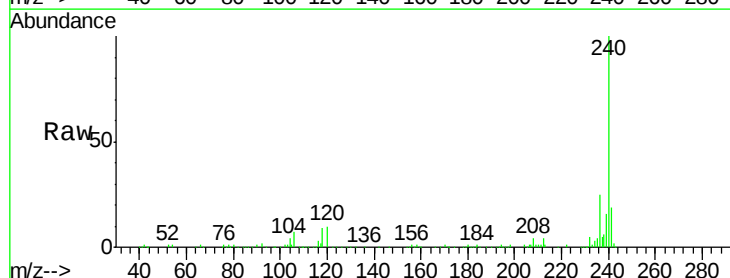


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

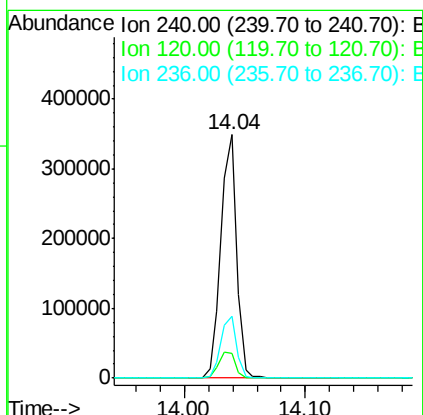
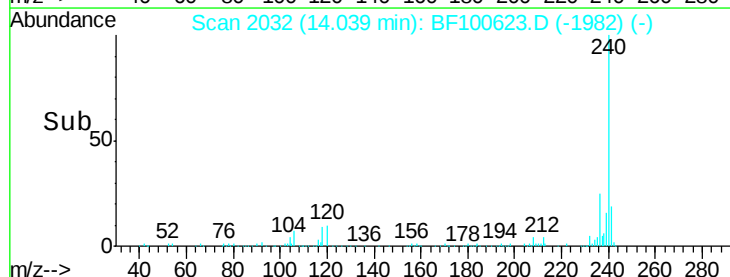


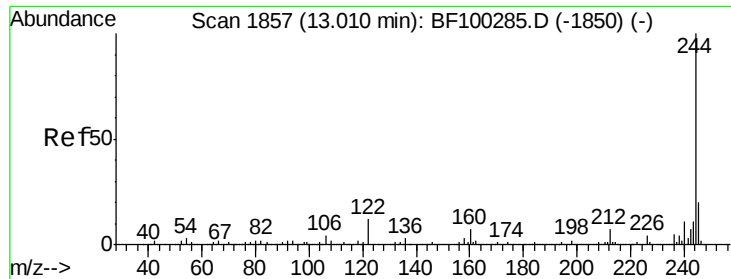
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100623.D
Acq: 16 Nov 2017 11:46

Tgt Ion:240 Resp: 313374
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.2 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: 72.986 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

Instrument :

BNA_F

ClientSampleId :

PB104287BL

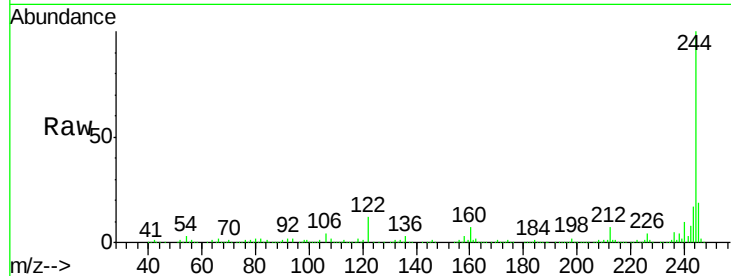
Tgt Ion:244 Resp: 995421

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

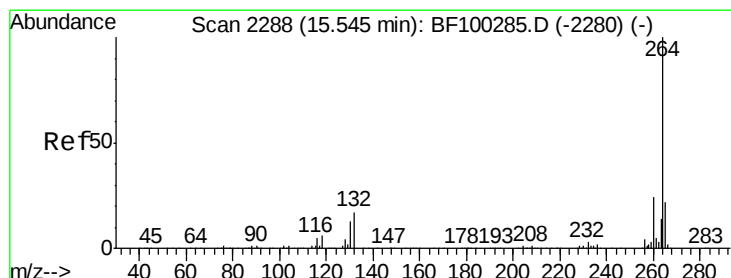
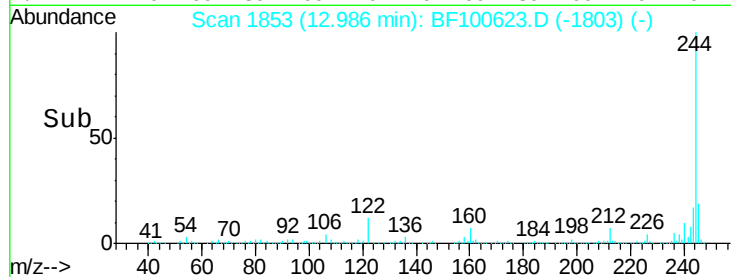
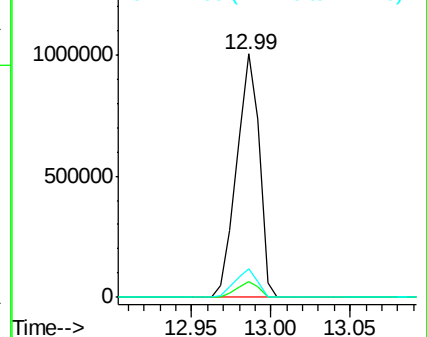
122 11.5 11.0 16.4



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF100623.D

Acq: 16 Nov 2017 11:46

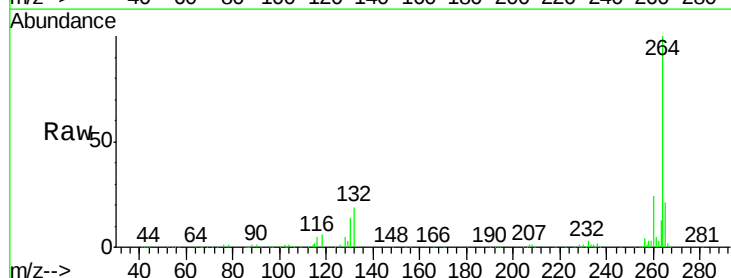
Tgt Ion:264 Resp: 224531

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.7 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

