

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100895.D
 Acq On : 27 Nov 2017 16:40
 Operator : SJ/JU
 Sample : I6513-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 27 21:58:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

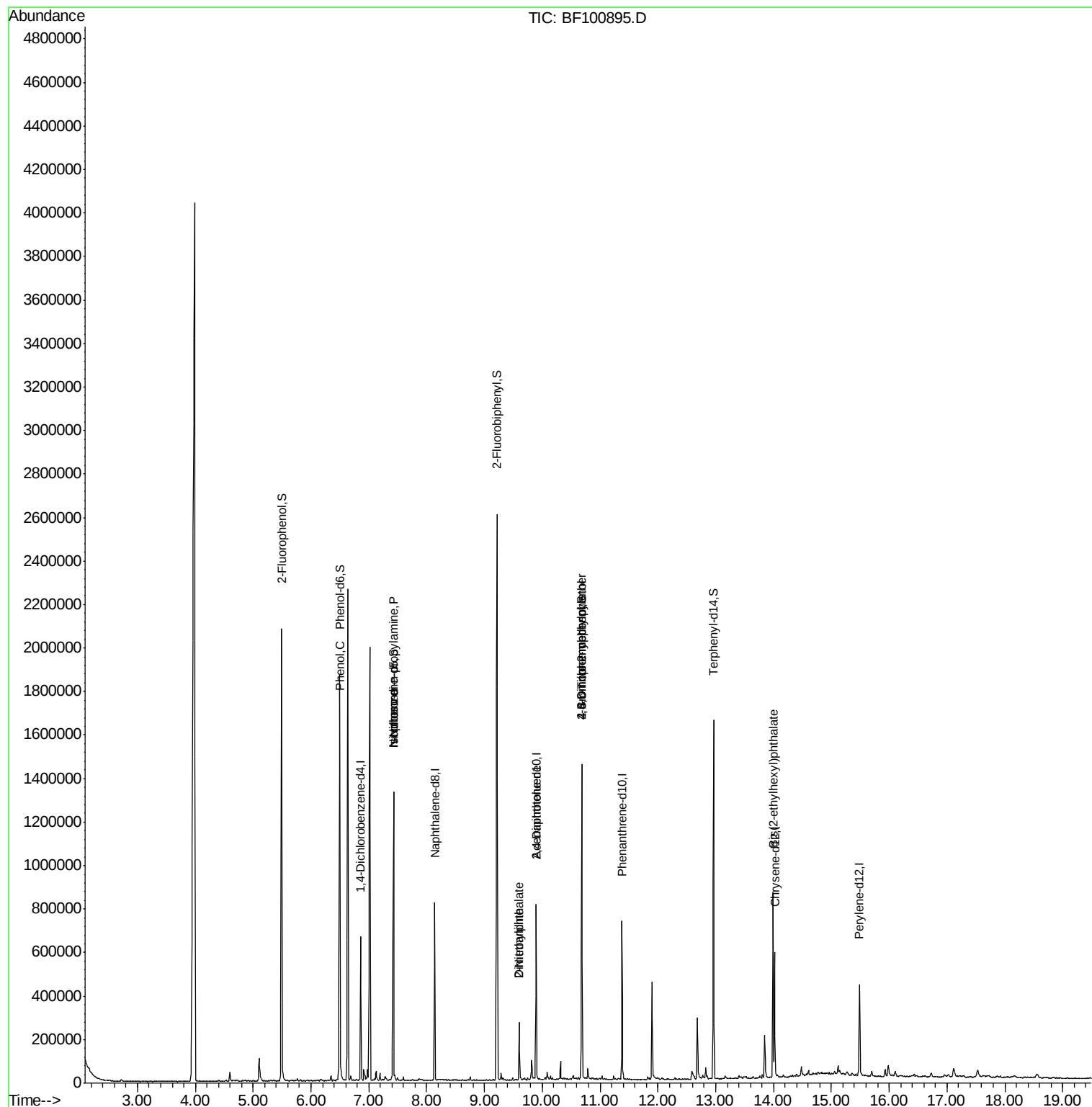
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	91497	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	344392	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	154150	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	246352	20.00	ng	0.00
75) Chrysene-d12	14.02	240	198855	20.00	ng	0.00
86) Perylene-d12	15.49	264	206677	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	643191	112.68	ng	0.02
7) Phenol-d6	6.50	99	806147	114.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	489623	93.99	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	192731	122.70	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	887972	87.71	ng	0.00
78) Terphenyl-d14	12.96	244	613988	70.94	ng	0.00
Target Compounds						
10) Phenol	6.51	94	23673	3.204	ng	95
19) n-Nitroso-di-n-propylamine	7.43	70	66695	13.663	ng	# 76
25) Isophorone	7.43	82	489619	44.728	ng	# 64
47) 2-Nitroaniline	9.60	65	783	3.042	ng	# 1
49) Dimethylphthalate	9.60	163	90654	7.702	ng	99
56) 2,4-Dinitrotoluene	9.89	165	19262	6.554	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.69	198	286	8.759	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	12084	4.576	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.99	149	222825	29.307	ng	99

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

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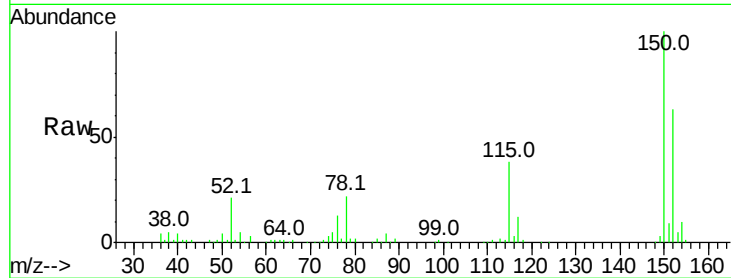


#1

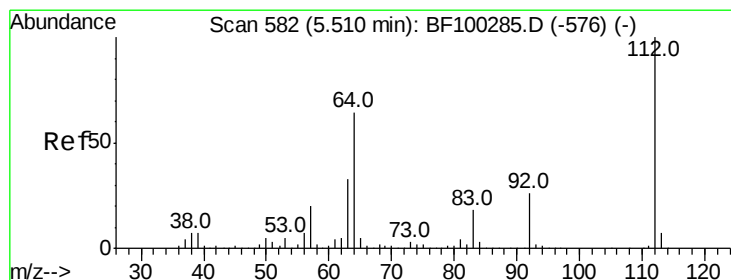
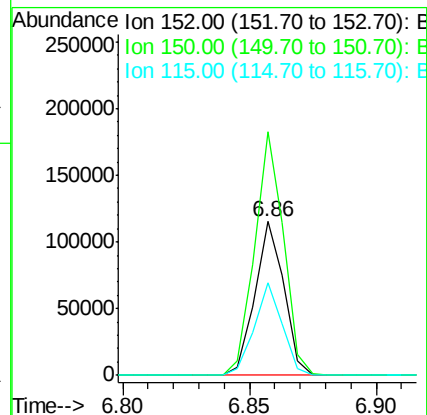
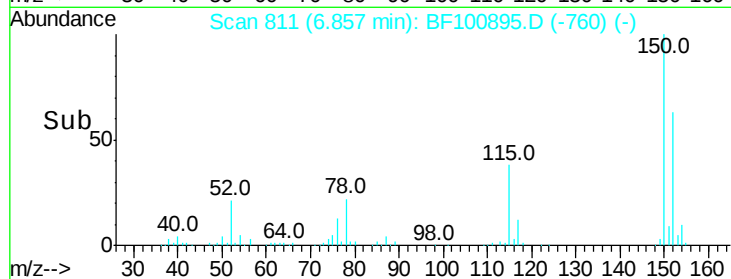
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 91497
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 60.6 50.1 75.1



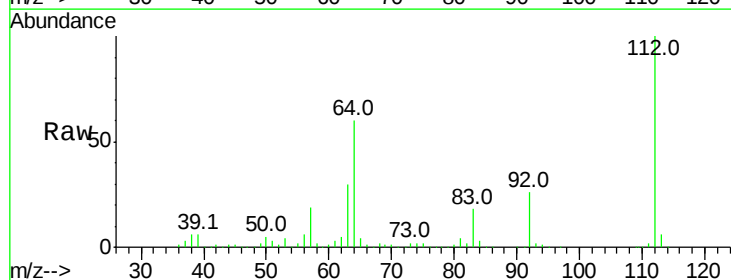
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



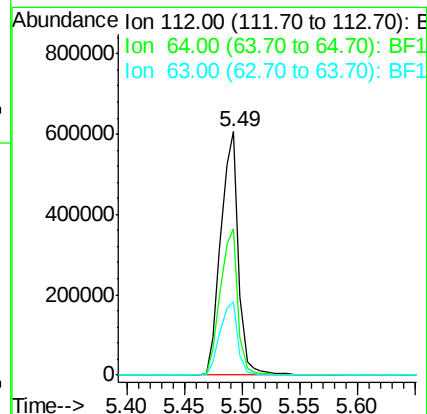
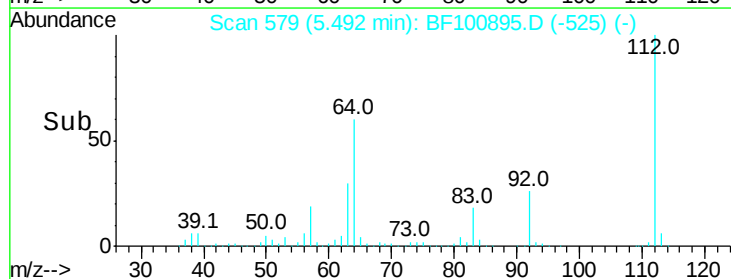
#5

2-Fluorophenol
Concen: 112.684 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.02 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Tgt Ion:112 Resp: 643191
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 30.2 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: 114.532 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF100895.D

Acq: 27 Nov 2017 16:40

Instrument :

BNA_F

ClientSampleId :

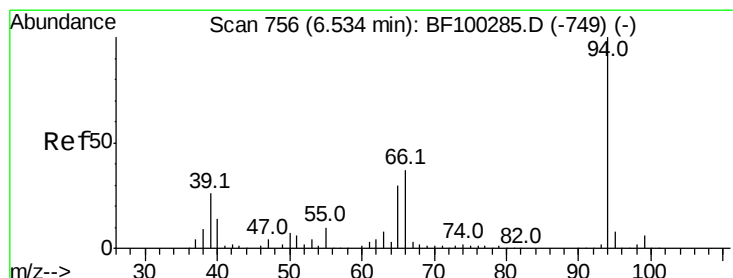
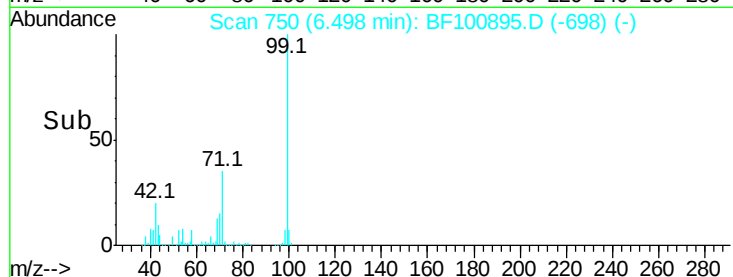
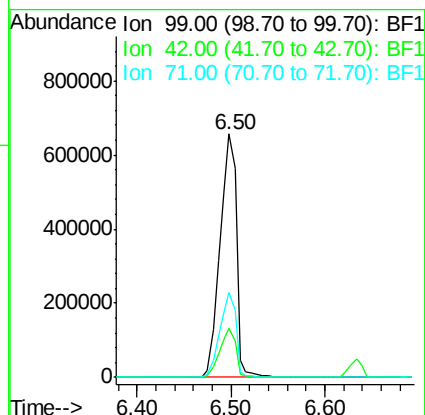
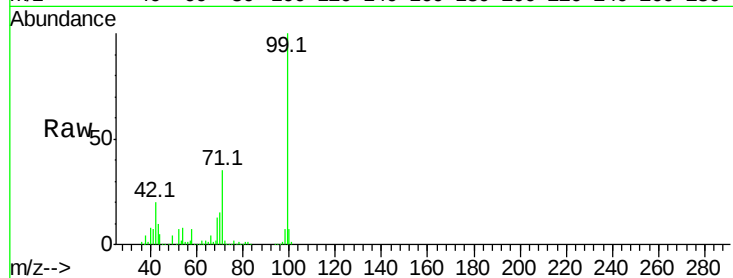
Tot Ion: 99 Resp: 806147

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 3.204 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF100895.D

Acq: 27 Nov 2017 16:40

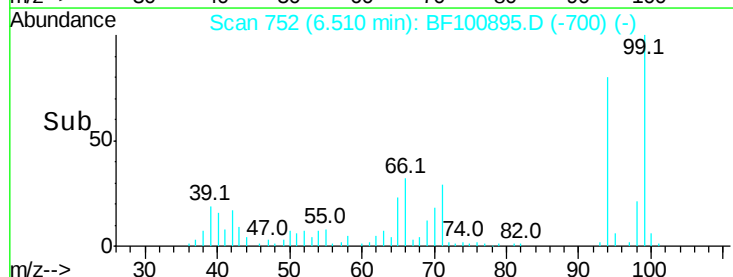
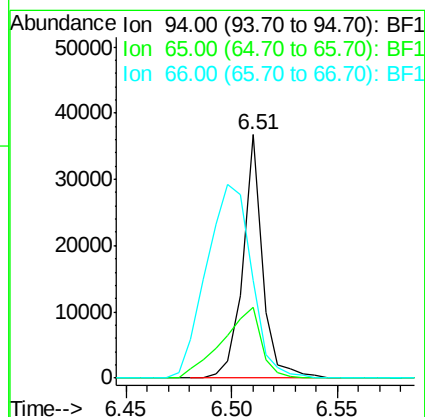
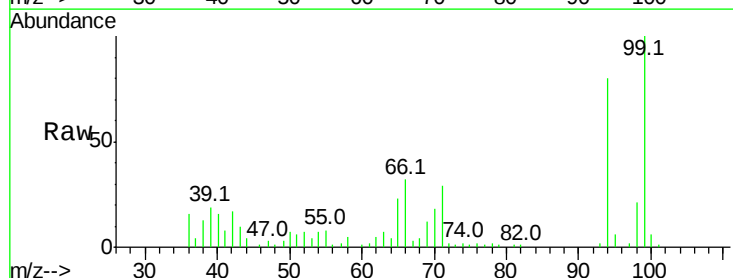
Tgt Ion: 94 Resp: 23673

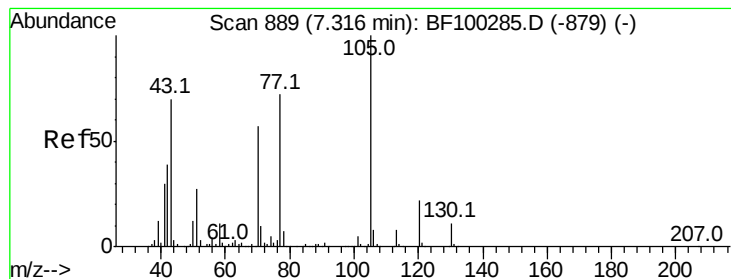
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 40.3 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 13.663 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.15 min

Lab File: BF100895.D

Acq: 27 Nov 2017 16:40

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 66695

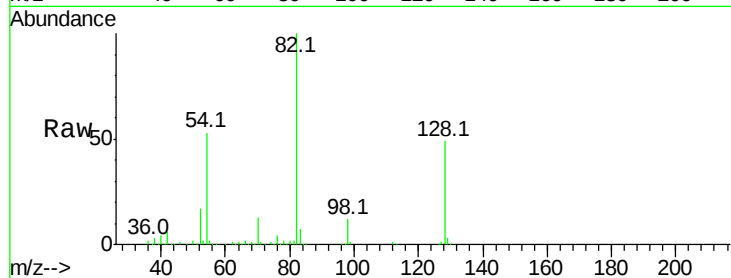
Ion Ratio Lower Upper

70 100

42 45.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

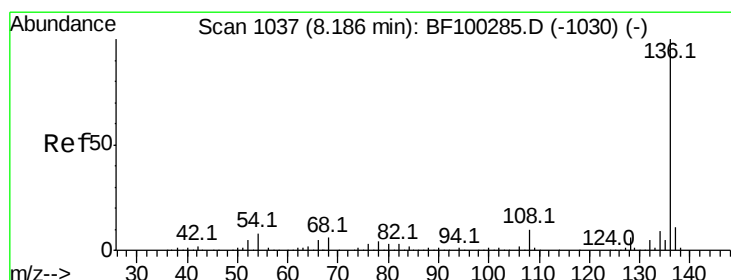
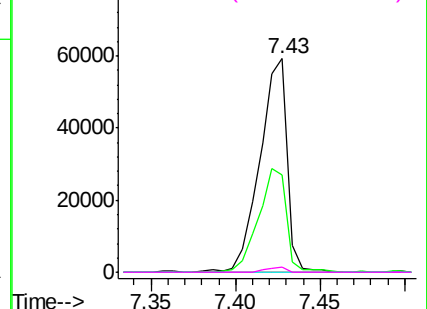
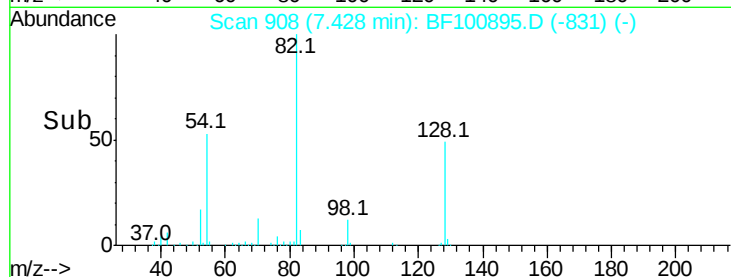


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF100895.D

Acq: 27 Nov 2017 16:40

Tgt Ion: 136 Resp: 344392

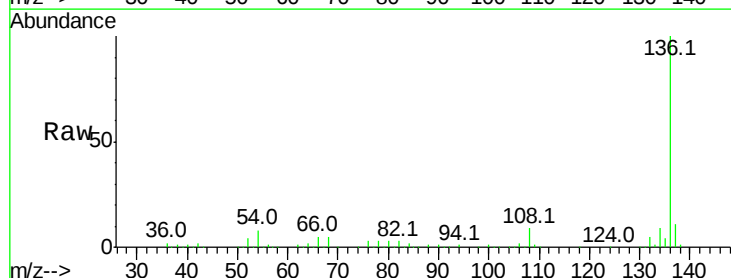
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 6.6 9.8

68 5.1 5.0 7.4

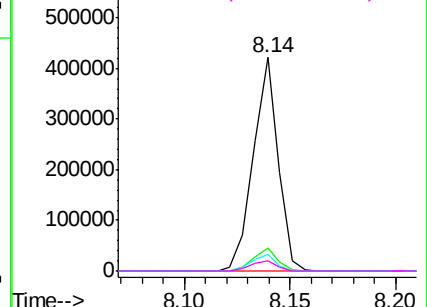
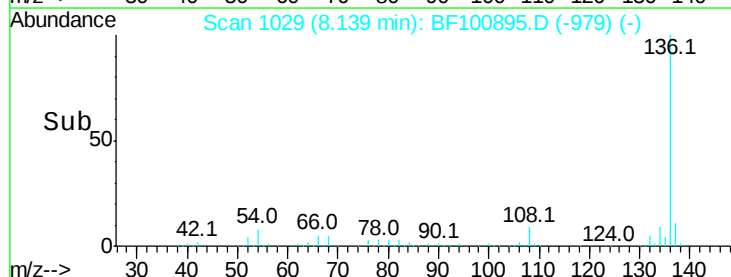


Abundance Ion 136.00 (135.70 to 136.70): BF1

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

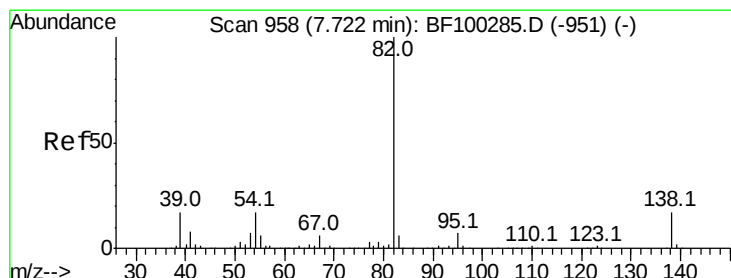
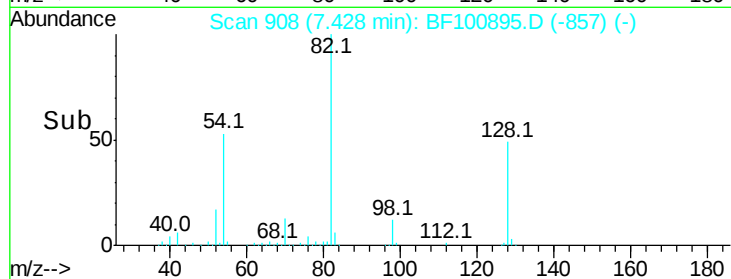
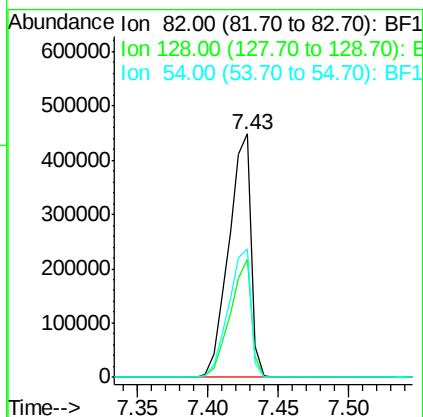
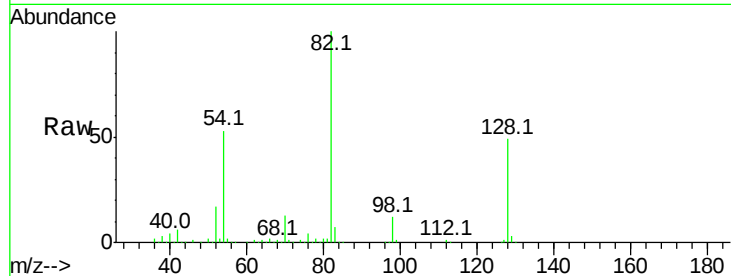




#23
 Nitrobenzene-d5
 Concen: 93.994 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

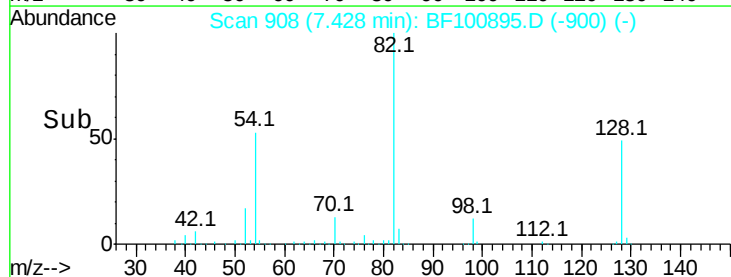
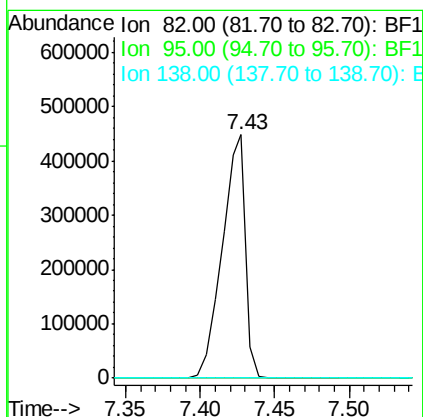
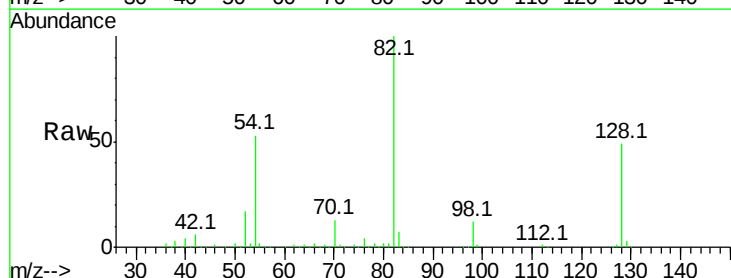
Instrument :
 BNA_F
 ClientSampled :

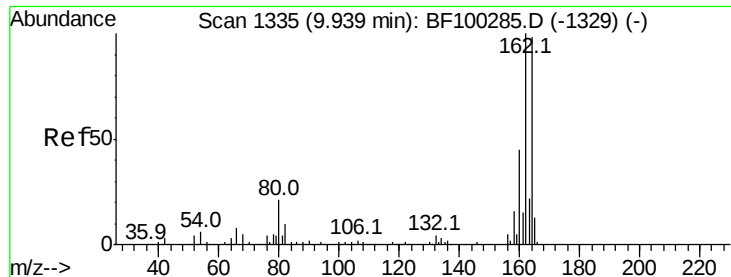
Tot Ion: 82 Resp: 489623
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.1 54.1
 54 52.8 41.4 62.2



#25
 Isophorone
 Concen: 44.728 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.25 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

Tgt Ion: 82 Resp: 489619
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

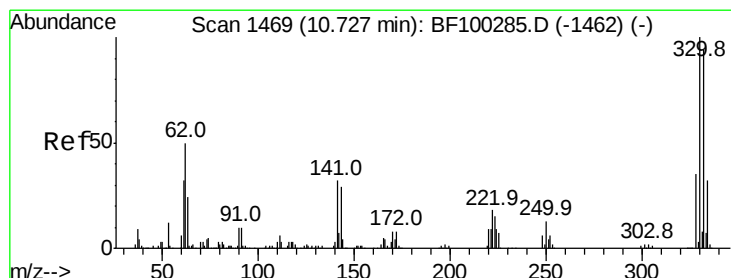
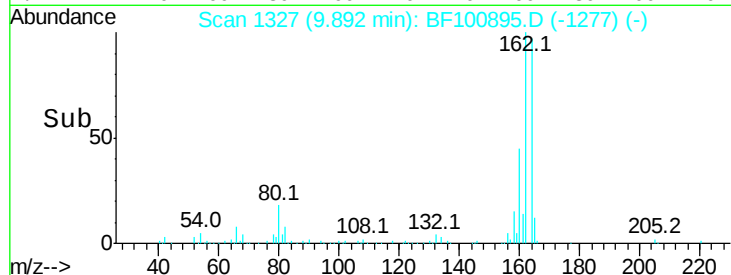
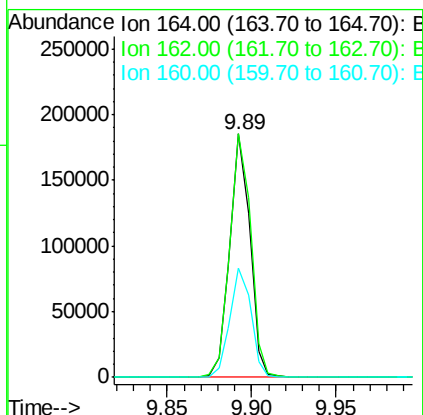
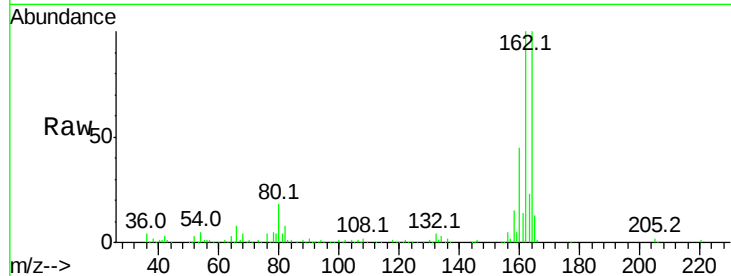




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

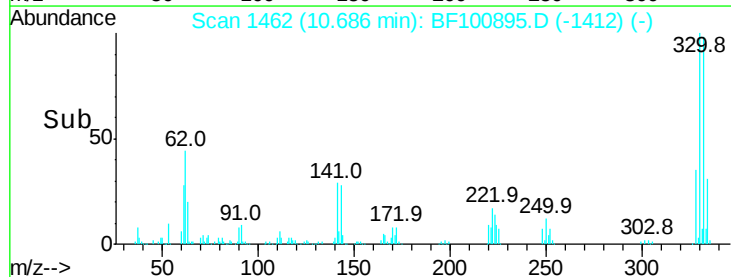
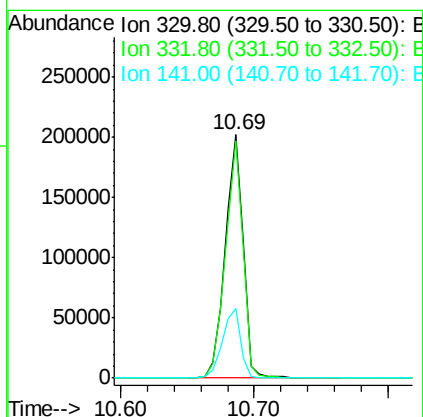
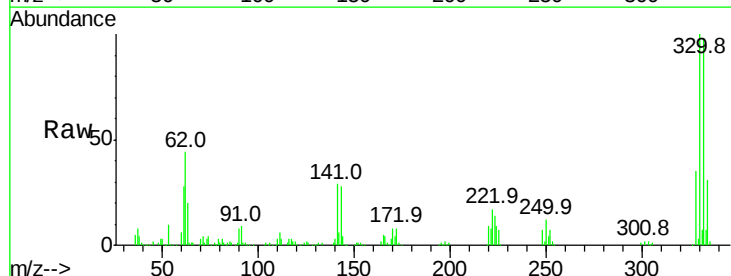
Instrument :
 BNA_F
 ClientSampleId :

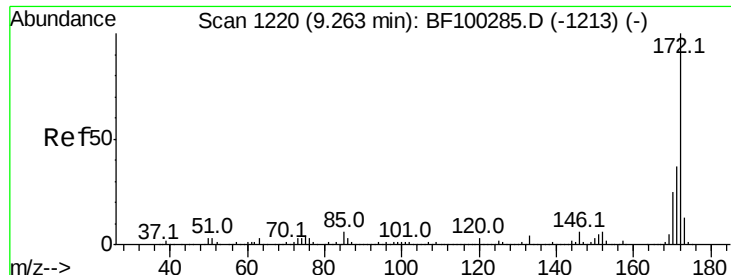
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	44.8	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 122.697 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	29.3	29.9	44.9#

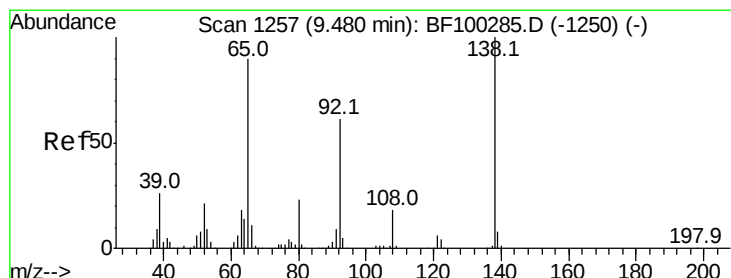
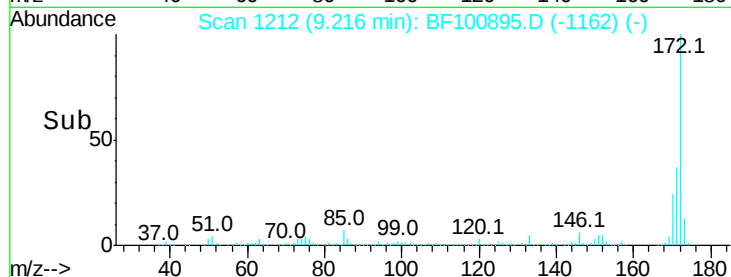
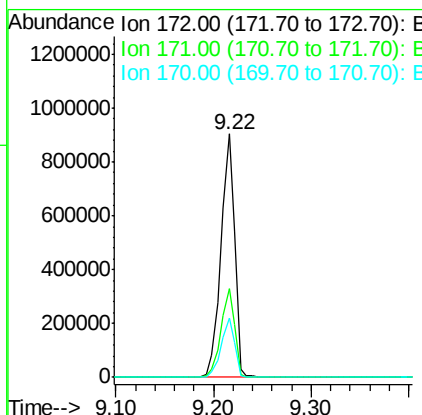
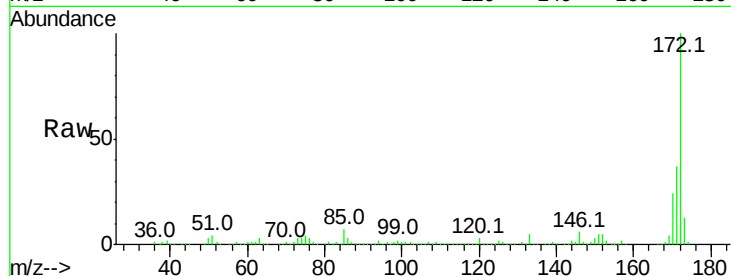




#44
 2-Fluorobiphenyl
 Concen: 87.715 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

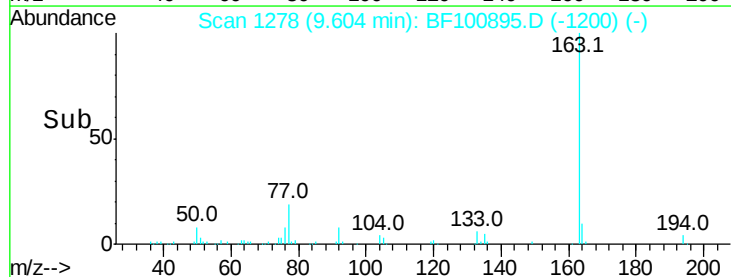
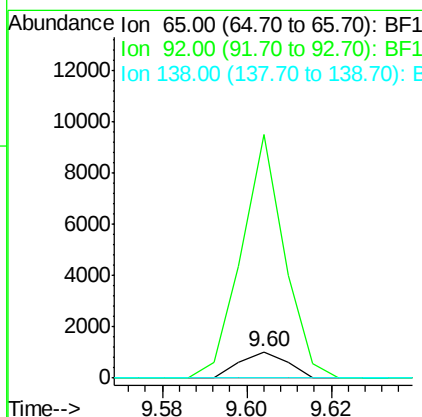
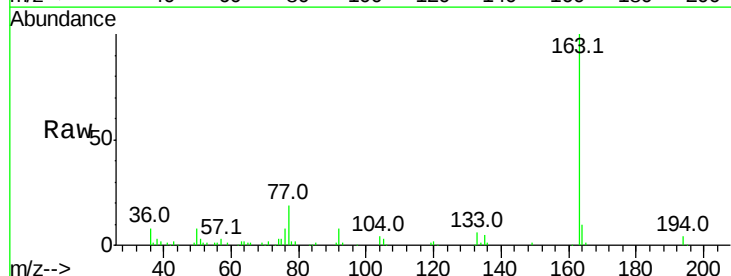
Instrument :
 BNA_F
 ClientSampled :

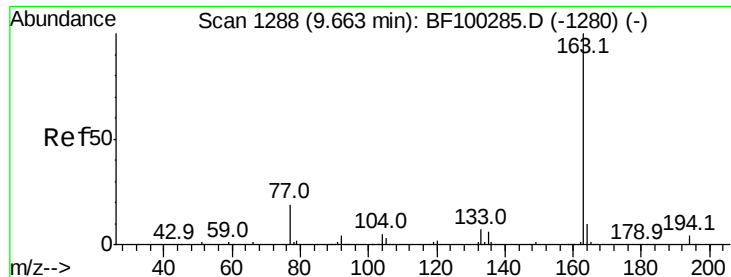
Tot Ion:172 Resp: 887972
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.042 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. 0.16 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

Tgt Ion: 65 Resp: 783
 Ion Ratio Lower Upper
 65 100
 92 930.3 55.8 83.6#
 138 0.0 91.2 136.8#

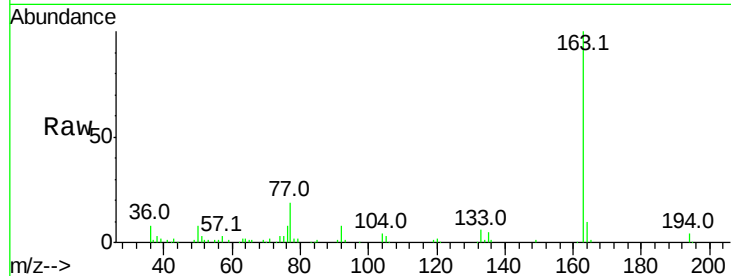




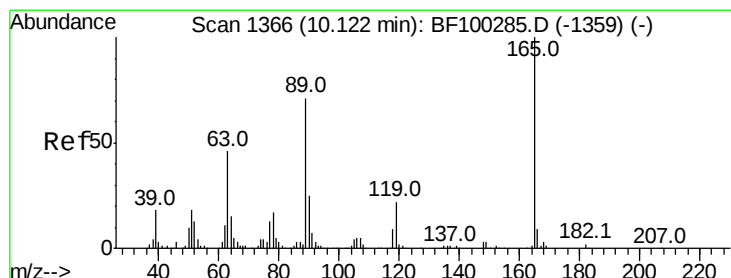
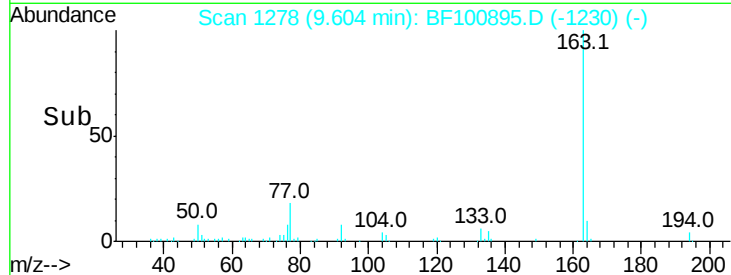
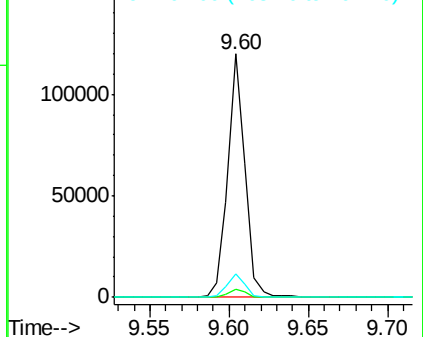
#49
Dimethylphthalate
Concen: 7.702 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 90654
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.2 12.2

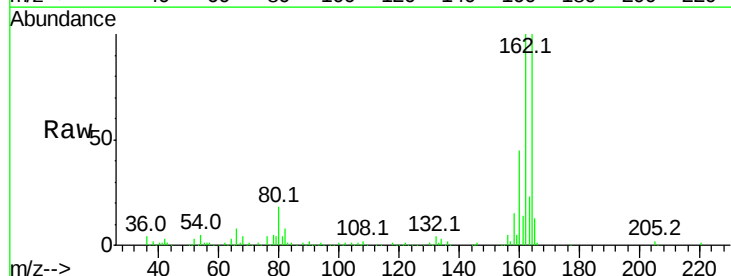


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

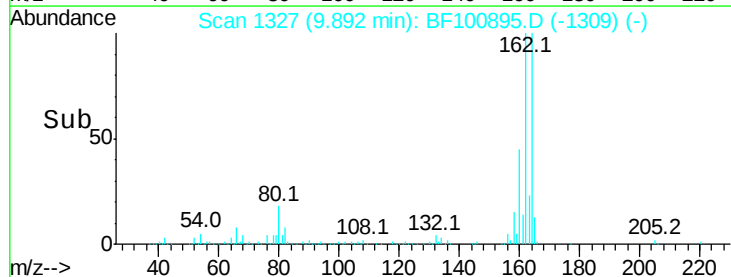
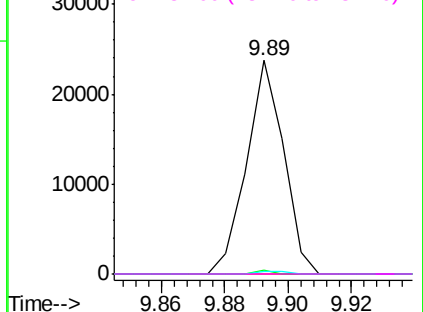


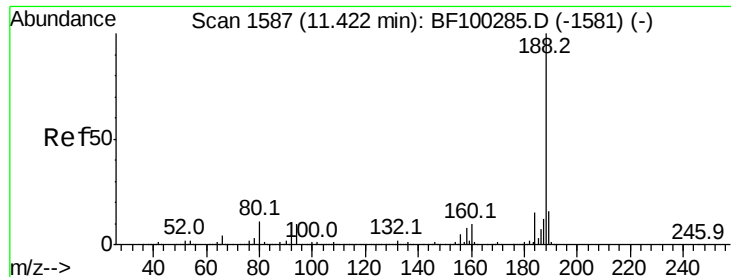
#56
2,4-Dinitrotoluene
Concen: 6.554 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Tgt Ion:165 Resp: 19262
Ion Ratio Lower Upper
165 100
63 1.8 36.4 54.6#
89 1.3 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

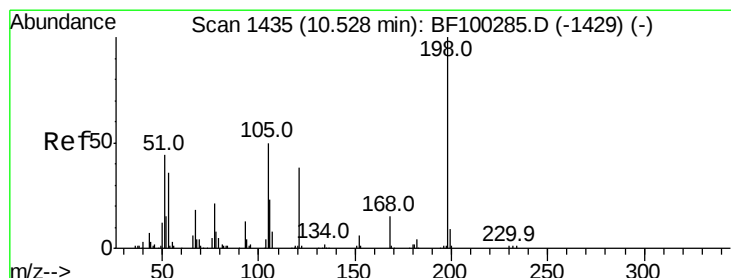
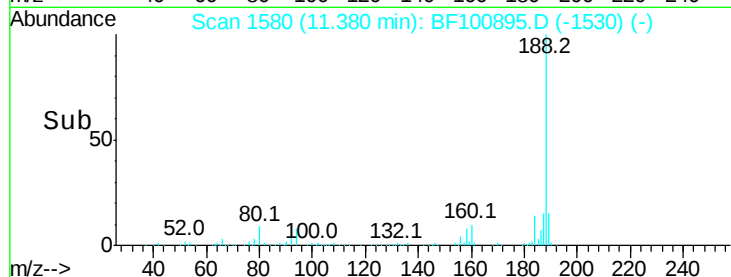
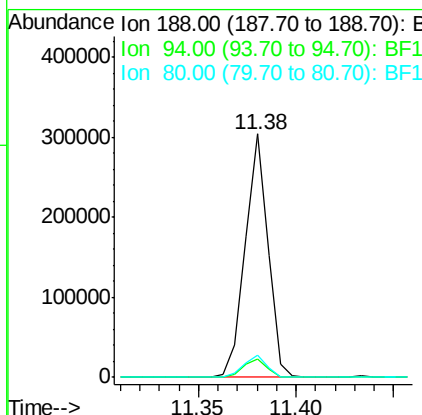
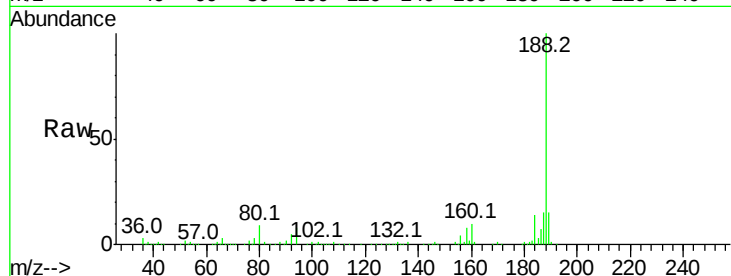




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

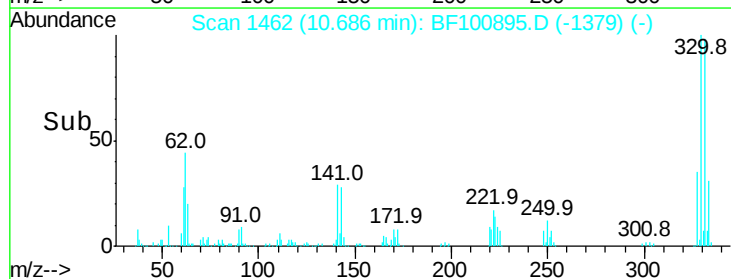
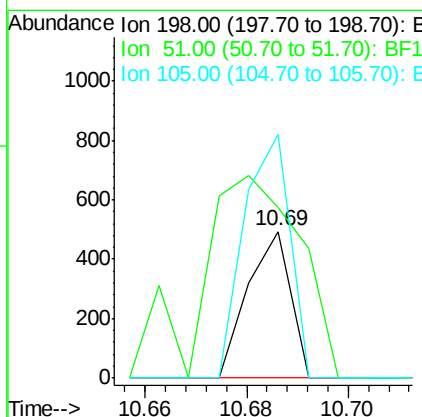
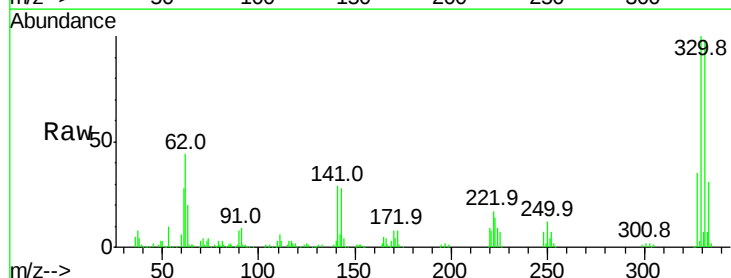
Instrument :
 BNA_F
 ClientSampleId :

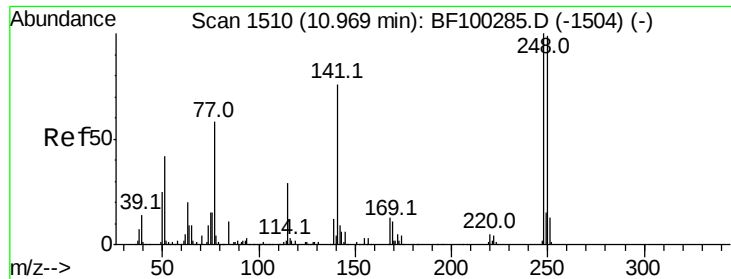
Tot Ion:188 Resp: 246352
 Ion Ratio Lower Upper
 188 100
 94 7.8 8.5 12.7#
 80 9.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.759 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.19 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

Tgt Ion:198 Resp: 286
 Ion Ratio Lower Upper
 198 100
 51 116.6 37.7 77.7#
 105 166.3 36.3 76.3#

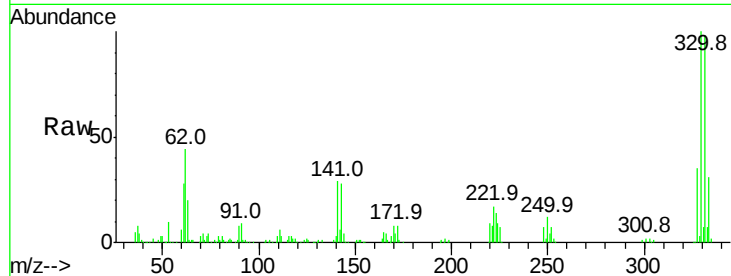




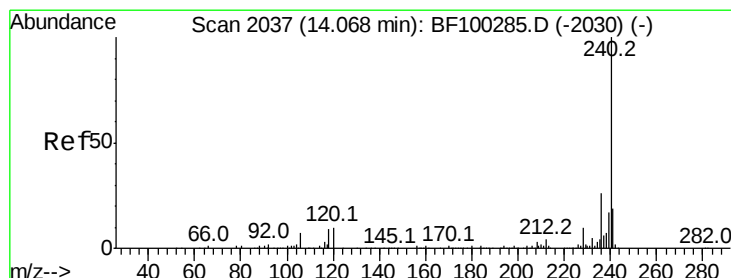
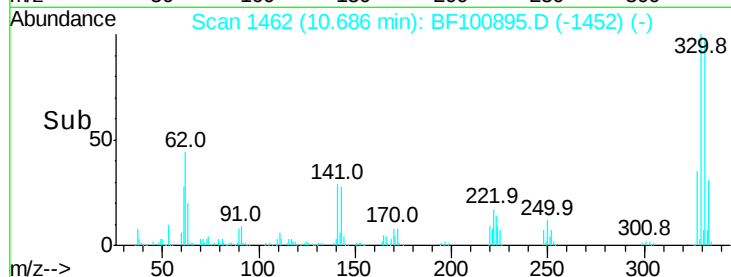
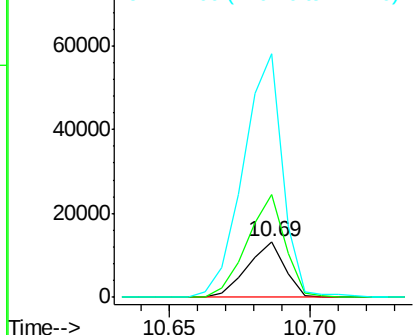
#66
4-Bromophenyl-phenylether
Concen: 4.576 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 12084
Ion Ratio Lower Upper
248 100
250 184.2 76.9 115.3#
141 438.4 74.4 111.6#

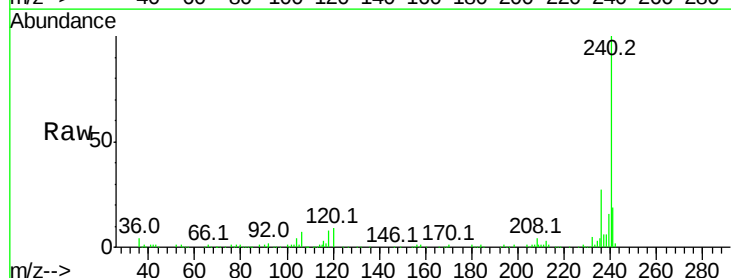


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

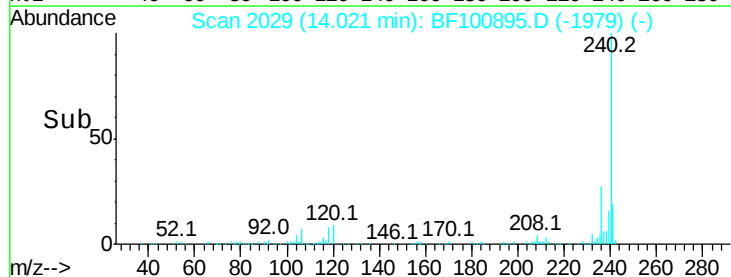
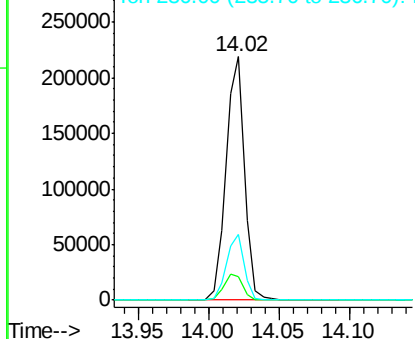


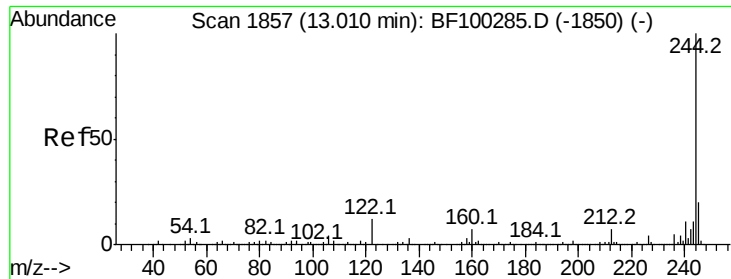
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Tgt Ion:240 Resp: 198855
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 27.1 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

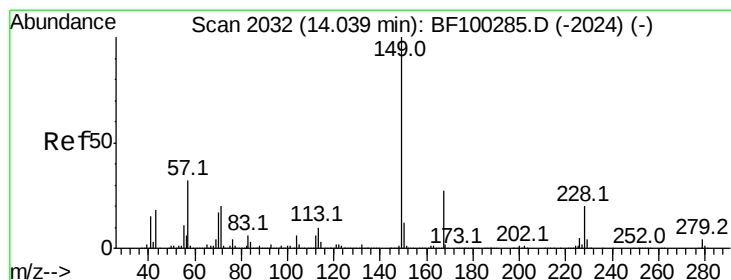
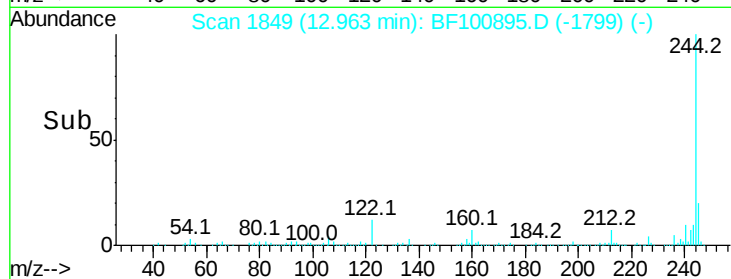
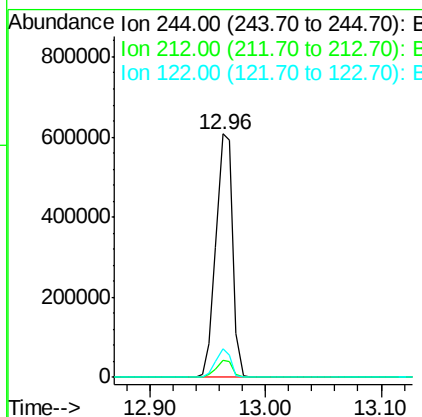
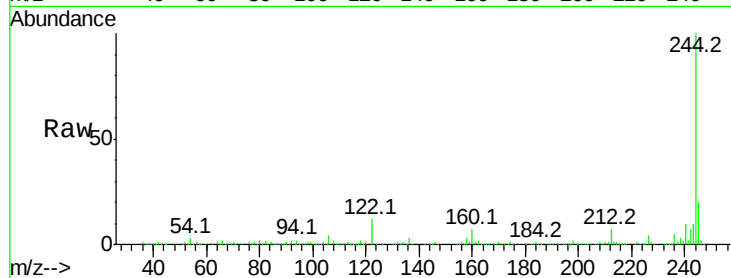




#78
 Terphenyl-d14
 Concen: 70.944 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

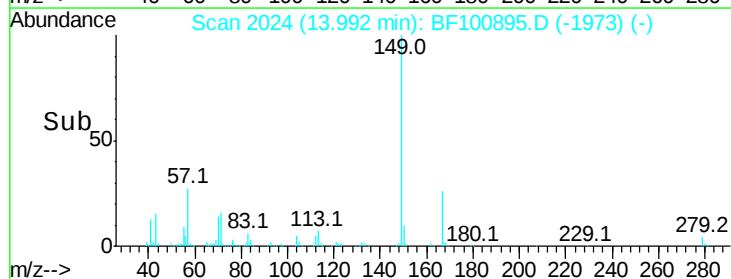
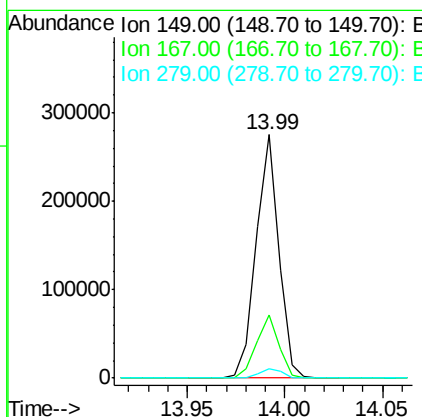
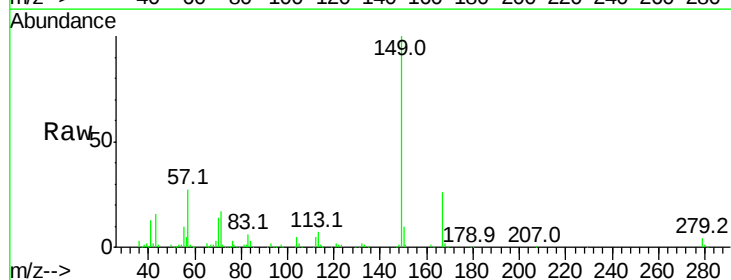
Instrument :
 BNA_F
 ClientSampleId :

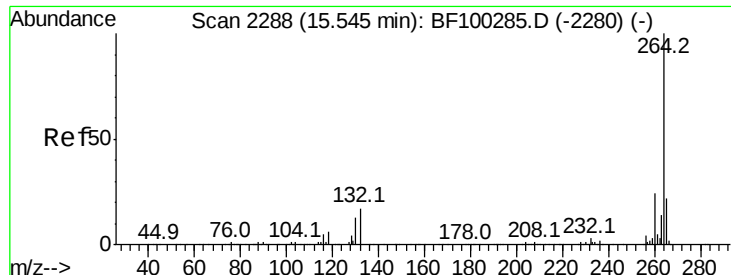
Tot Ion:244 Resp: 613988
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.307 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF100895.D
 Acq: 27 Nov 2017 16:40

Tgt Ion:149 Resp: 222825
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 3.9 3.0 4.4

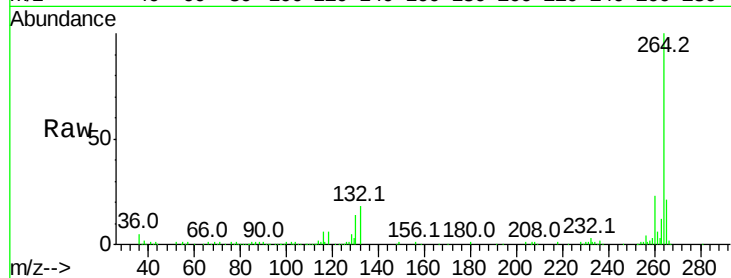




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF100895.D
Acq: 27 Nov 2017 16:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.3	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

