

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100423.D
 Acq On : 11 Nov 2017 6:10
 Operator : SJ/JU
 Sample : I6355-13
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:18:25 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

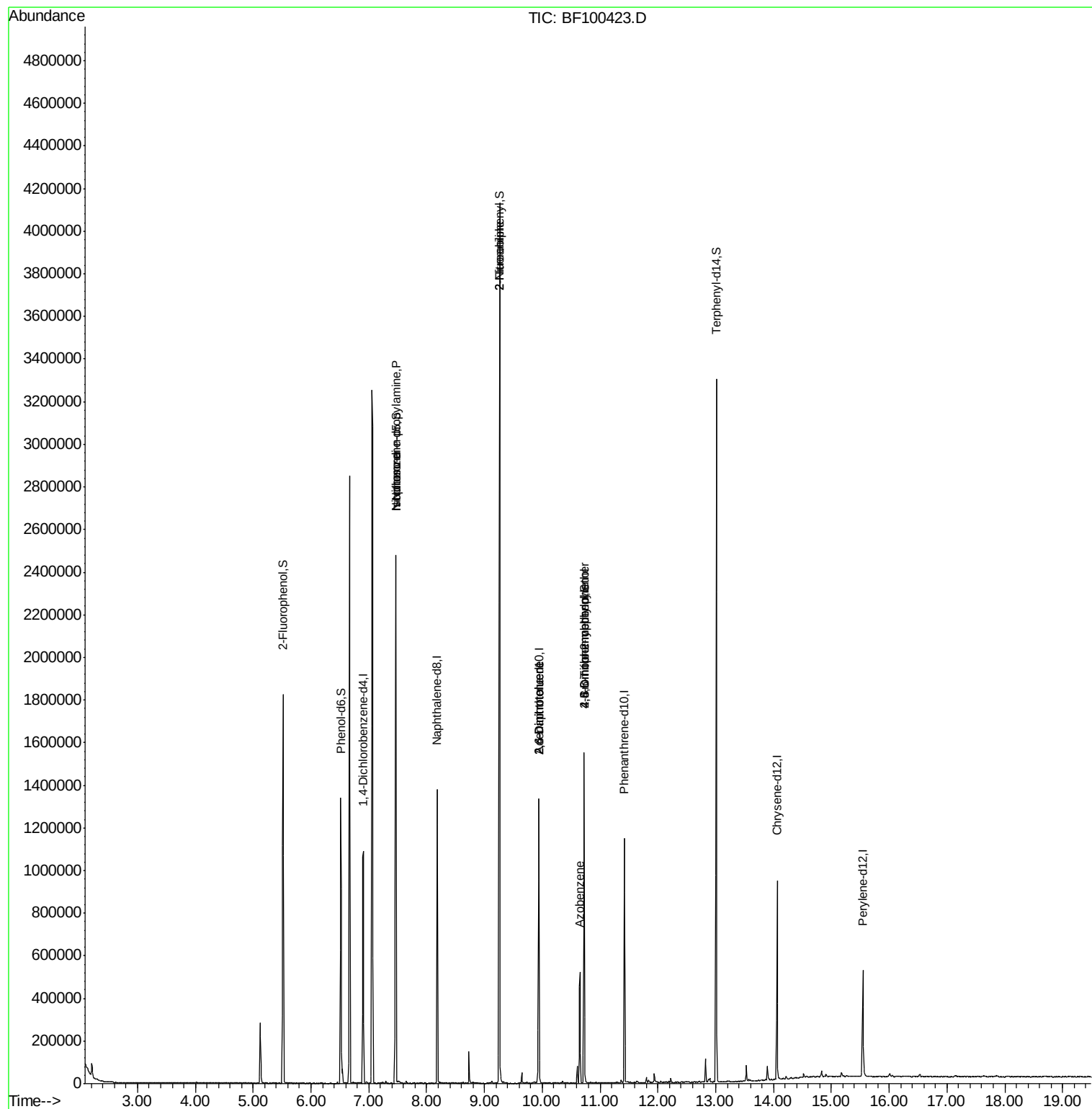
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	165010	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	604008	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	247219	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	390958	20.00	ng	0.00
75) Chrysene-d12	14.06	240	319128	20.00	ng	0.00
86) Perylene-d12	15.54	264	251105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	462507	44.93	ng	0.00
7) Phenol-d6	6.52	99	391550	30.85	ng	-0.01
23) Nitrobenzene-d5	7.47	82	925650	101.32	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	194478	77.20	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1509904	93.00	ng	0.00
78) Terphenyl-d14	13.01	244	1091703	78.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	123050	13.978	ng	# 79
25) Isophorone	7.47	82	925642	48.214	ng	# 64
47) 2-Nitroaniline	9.26	65	2838	3.367	ng	# 15
50) 2,6-Dinitrotoluene	9.94	165	31052	8.311	ng	# 25
56) 2,4-Dinitrotoluene	9.94	165	31052	6.588	ng	# 23
62) Azobenzene	10.65	77	87179	4.900	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	447	8.756	ng	# 1
66) 4-Bromophenyl-phenylether	10.72	248	11807	2.817	ng	# 1

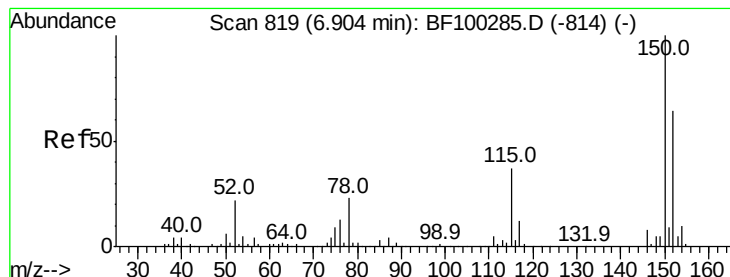
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100423.D
Acq On : 11 Nov 2017 6:10
Operator : SJ/JU
Sample : I6355-13
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 13 07:18:25 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



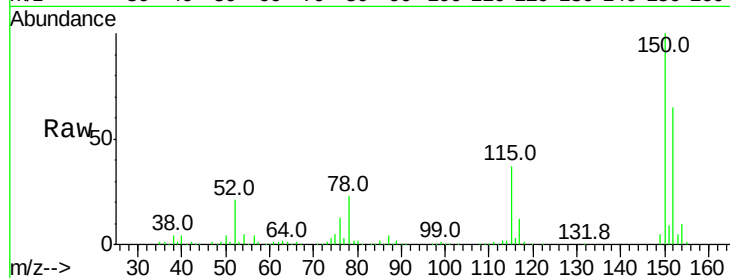


#1

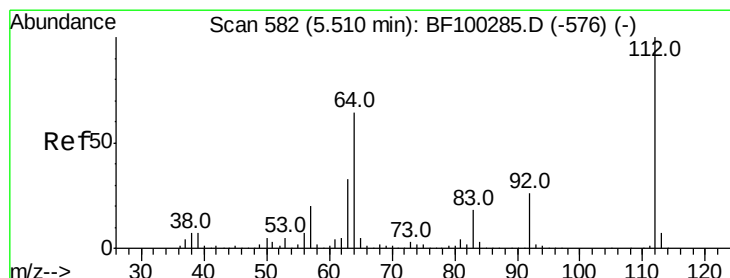
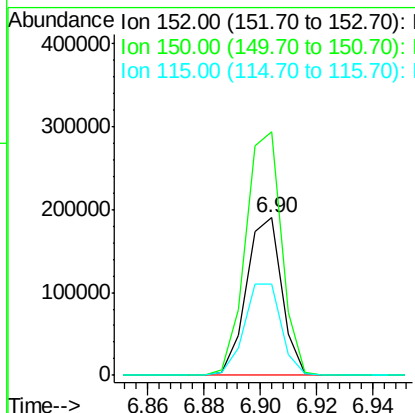
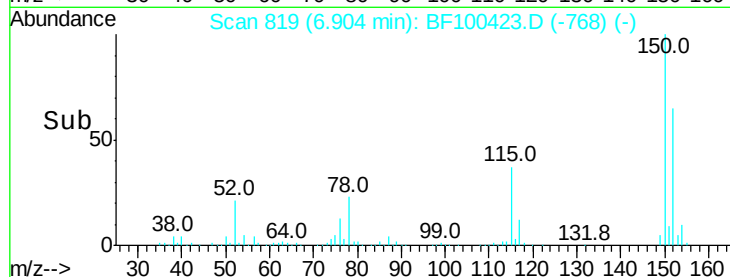
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	57.7	50.1	75.1



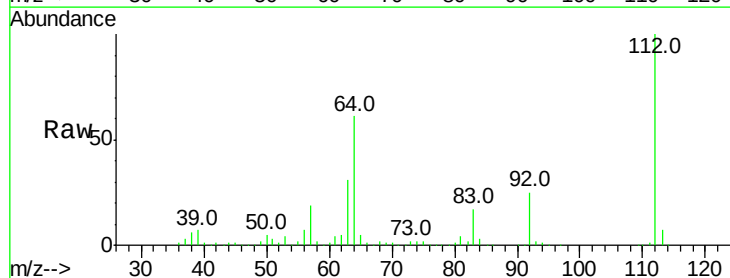
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



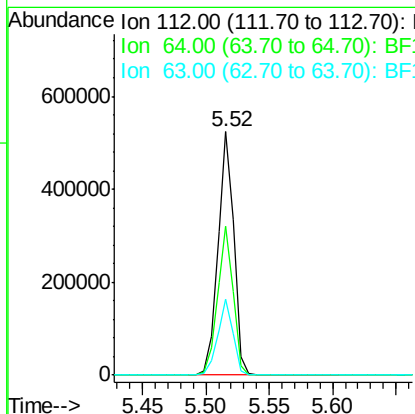
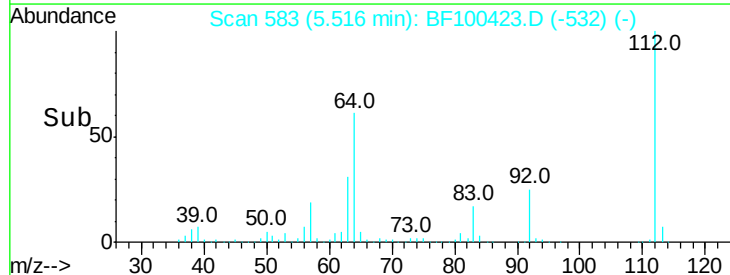
#5

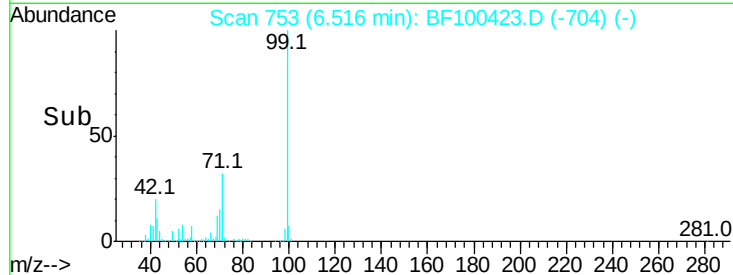
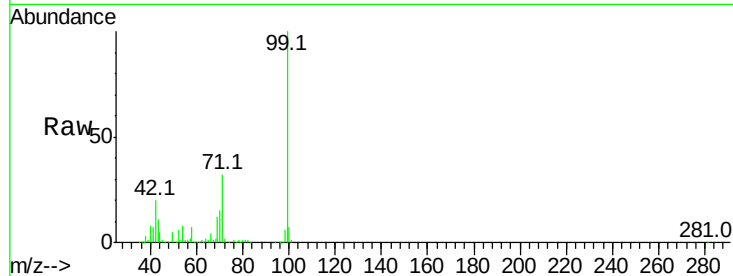
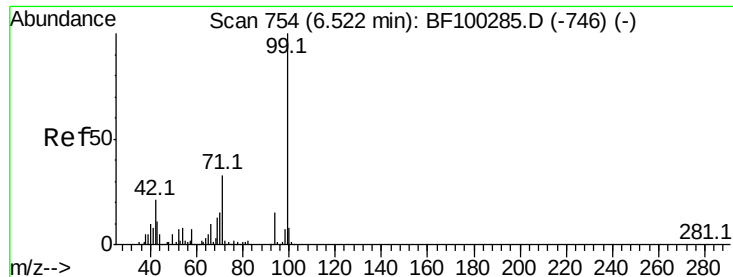
2-Fluorophenol
Concen: 44.930 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	31.3	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: 30.846 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100423.D

Acq: 11 Nov 2017 6:10

Instrument :

BNA_F

ClientSampled :

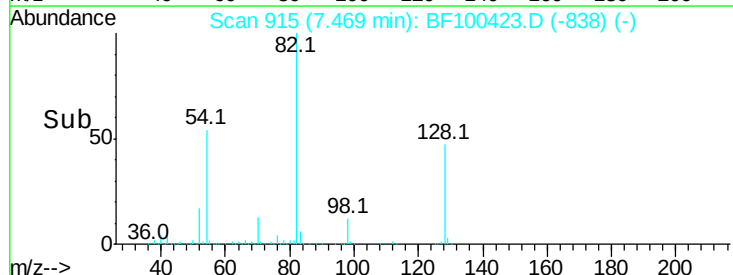
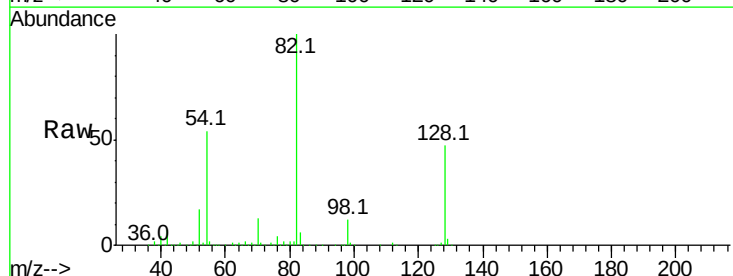
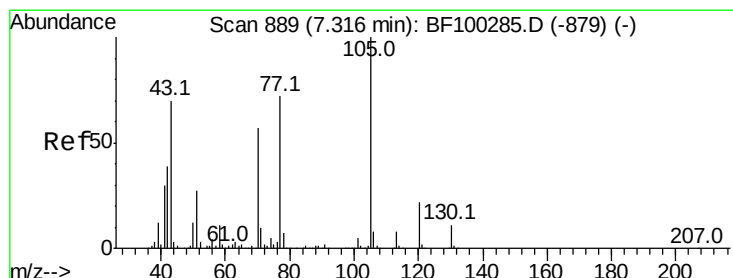
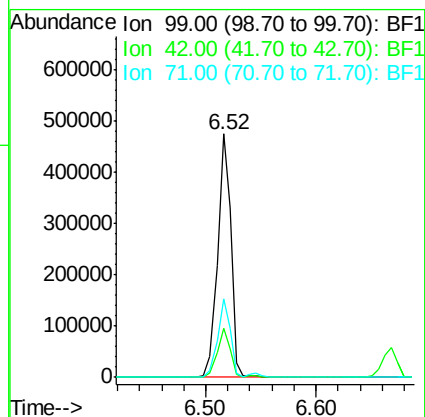
Tot Ion: 99 Resp: 391550

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.978 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.15 min

Lab File: BF100423.D

Acq: 11 Nov 2017 6:10

Tgt Ion: 70 Resp: 123050

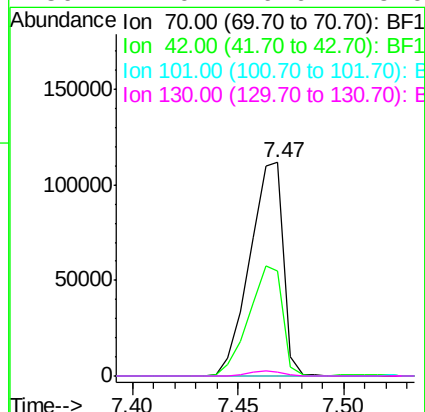
Ion Ratio Lower Upper

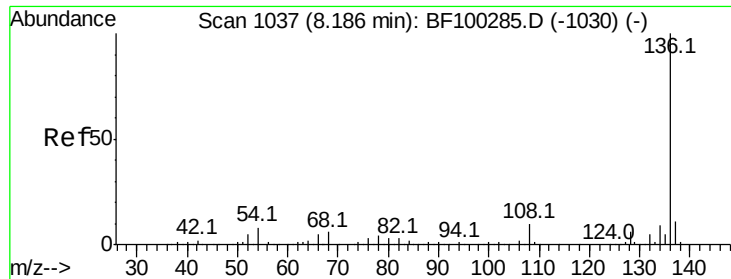
70 100

42 49.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

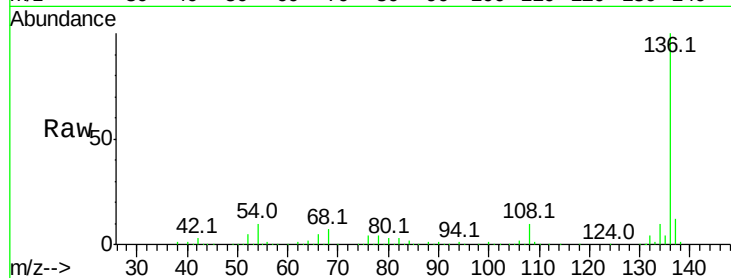




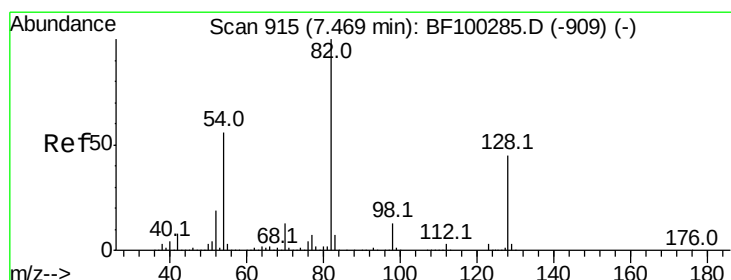
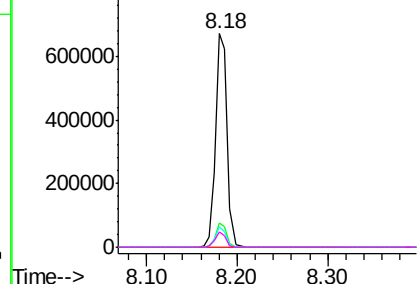
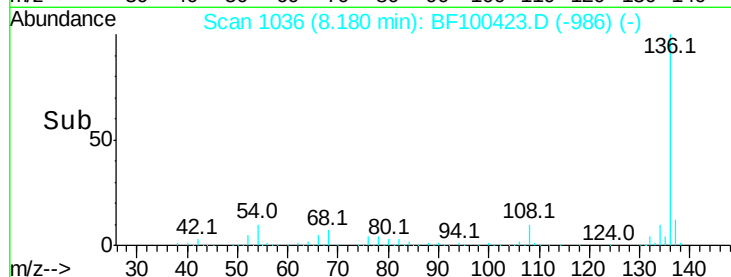
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	604008
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	9.7	6.6	9.8
68	7.0	5.0	7.4

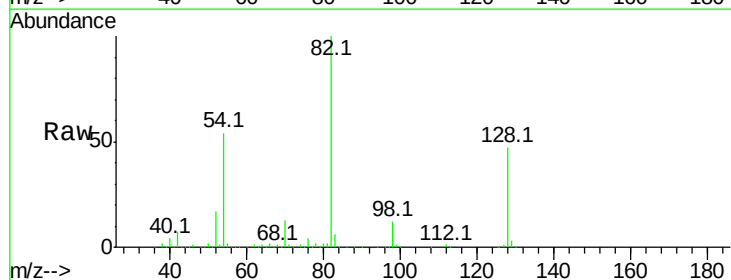


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

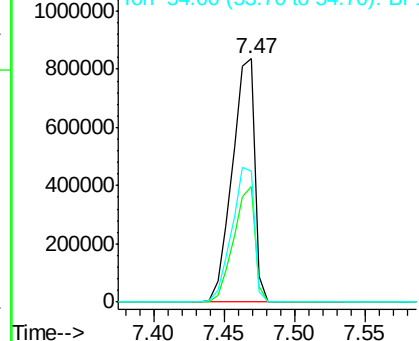
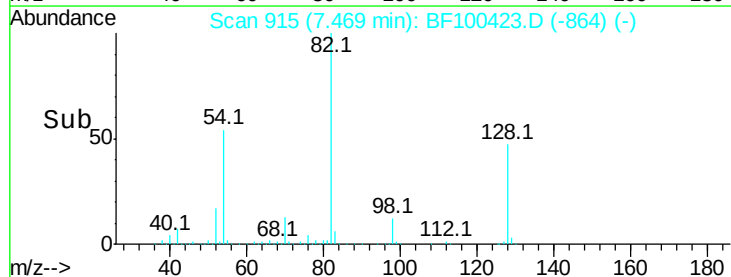


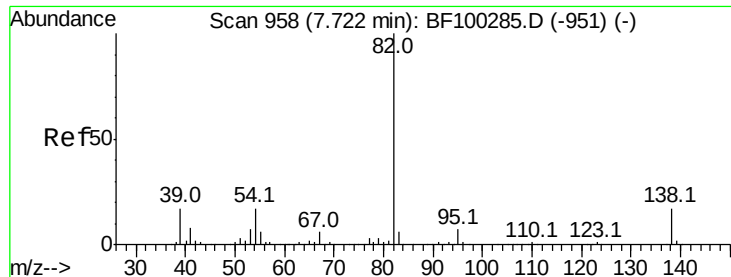
#23
Nitrobenzene-d5
Concen: 101.320 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Tgt Ion:	82	Resp:	925650
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	53.6	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: 48.214 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.26 min

Lab File: BF100423.D

Acq: 11 Nov 2017 6:10

Instrument :

BNA_F

ClientSampleId :

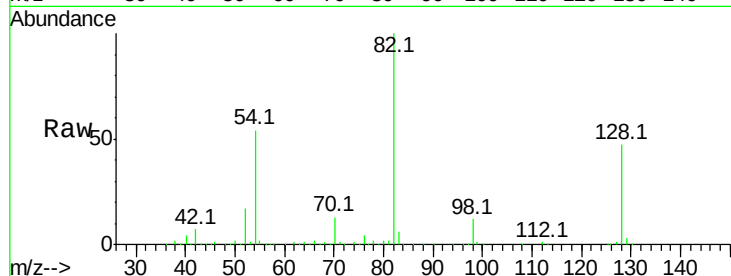
Tot Ion: 82 Resp: 925642

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

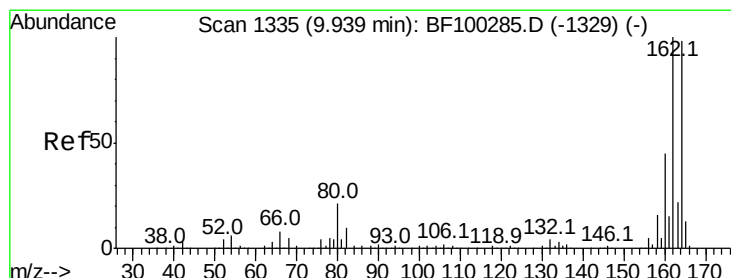
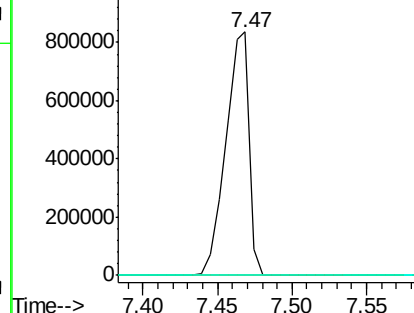
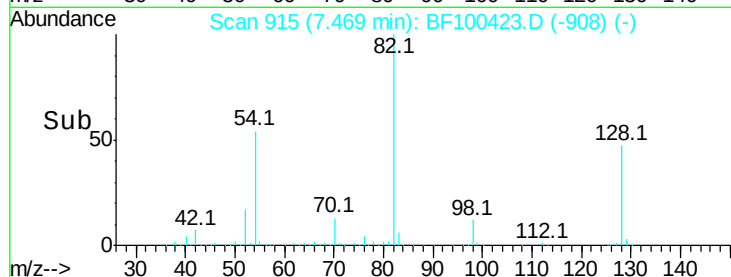
138 0.0 14.9 22.3#



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: BF100423.D

Acq: 11 Nov 2017 6:10

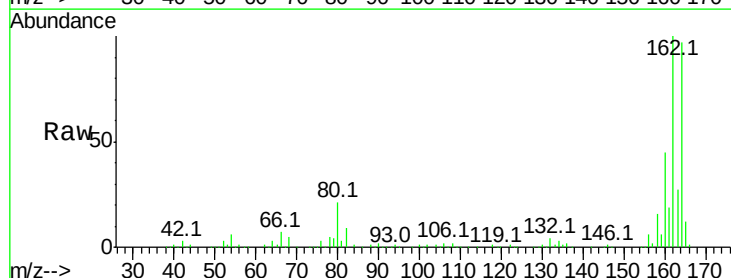
Tgt Ion:164 Resp: 247219

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

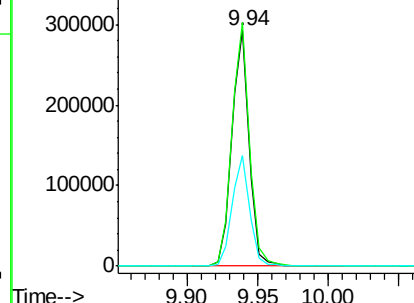
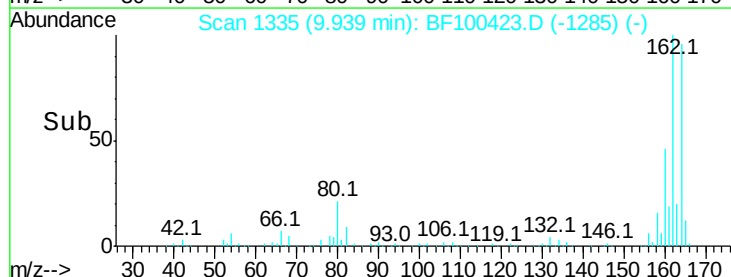
160 47.0 38.3 57.5

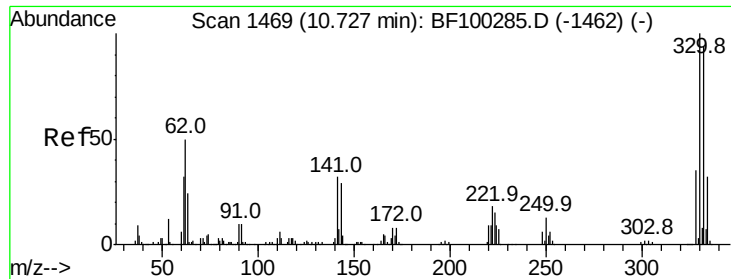


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

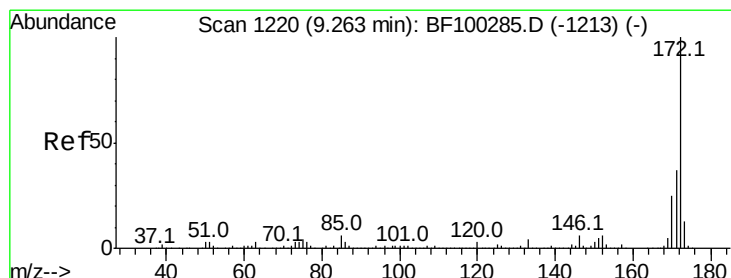
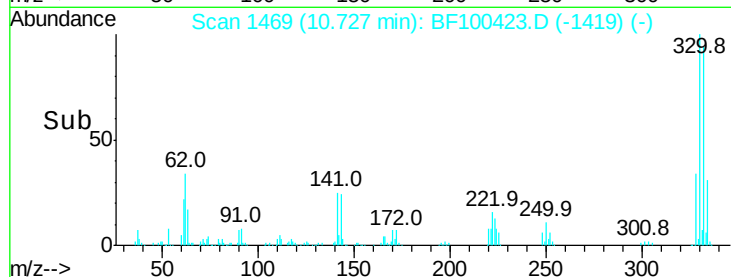
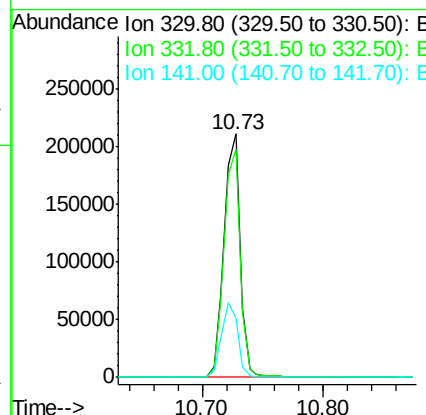
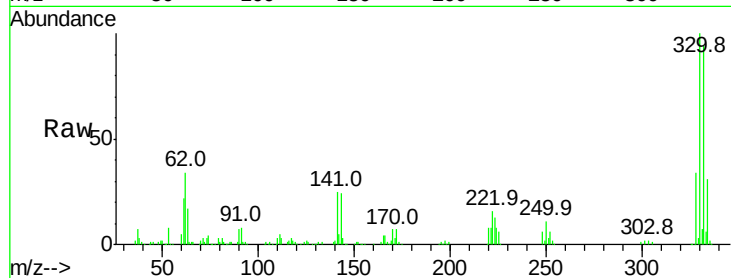




#41
 2,4,6-Tribromophenol
 Concen: 77.199 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100423.D
 Acq: 11 Nov 2017 6:10

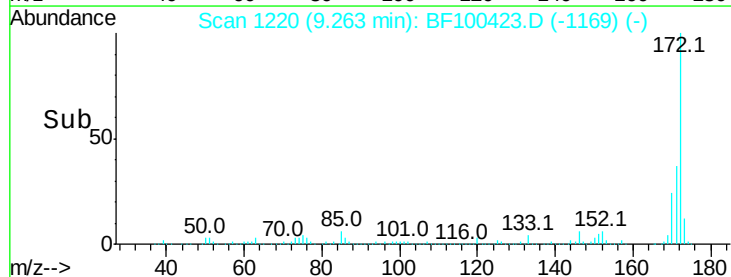
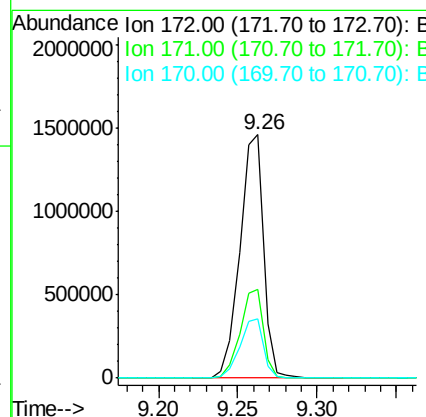
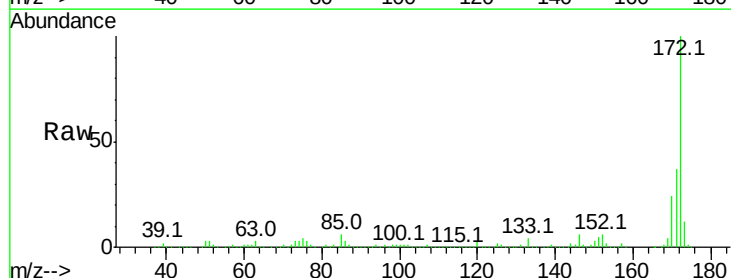
Instrument :
 BNA_F
 ClientSampleId :

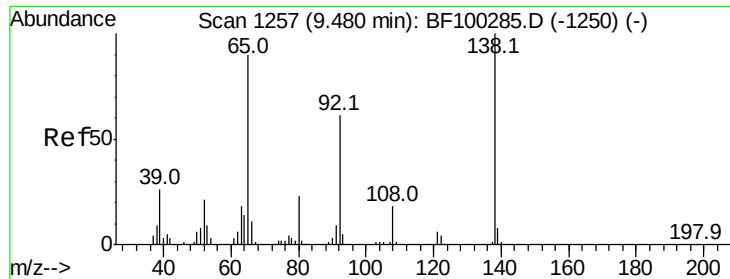
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	30.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.000 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100423.D
 Acq: 11 Nov 2017 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4

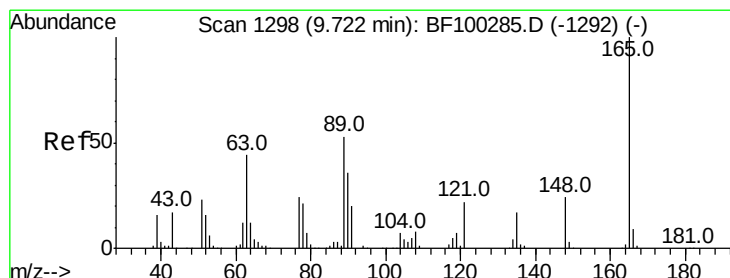
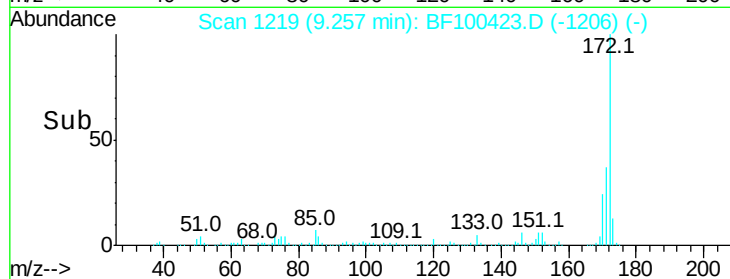
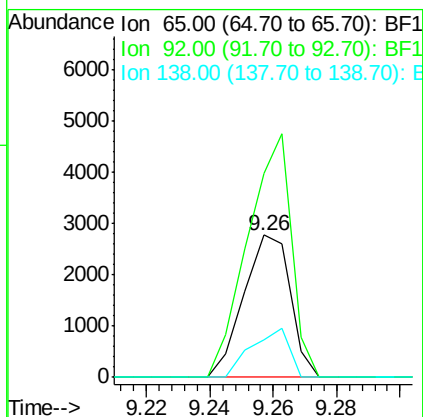
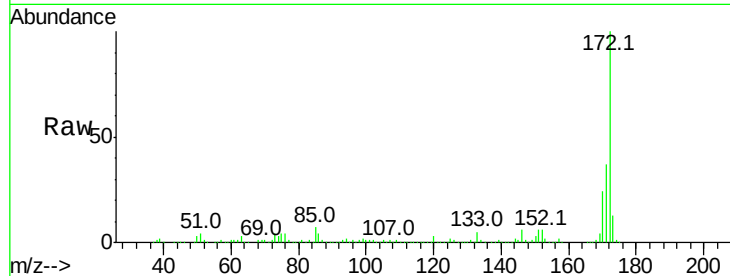




#47
2-Nitroaniline
Concen: 3.367 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.22 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

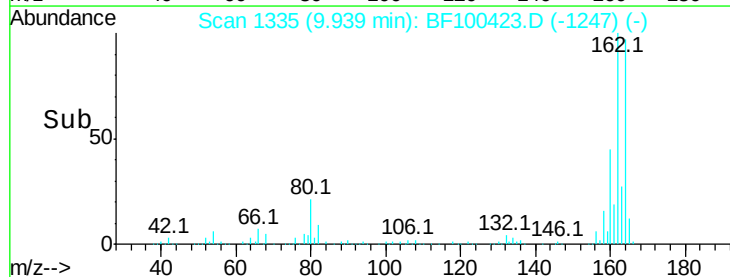
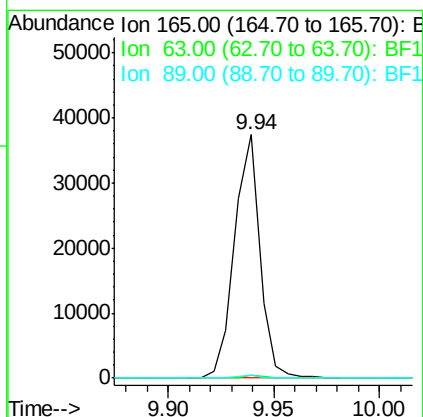
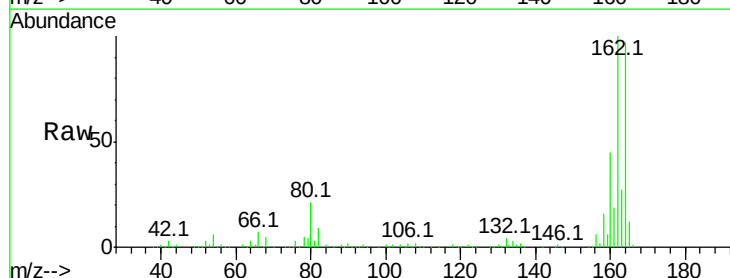
Instrument :
BNA_F
ClientSampled :

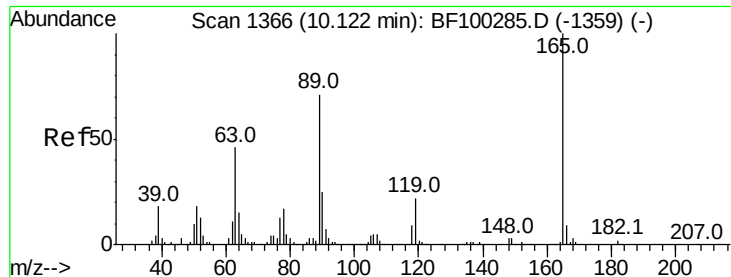
Tot Ion: 65 Resp: 2838
Ion Ratio Lower Upper
65 100
92 143.9 55.8 83.6#
138 26.2 91.2 136.8#



#50
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.22 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Tgt Ion:165 Resp: 31052
Ion Ratio Lower Upper
165 100
63 1.0 44.7 67.1#
89 1.3 44.0 66.0#

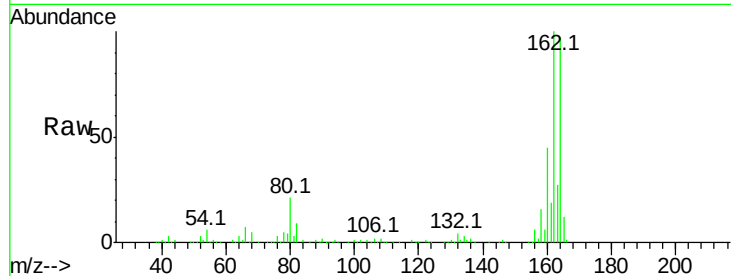




#56
 2,4-Dinitrotoluene
 Concen: 6.588 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100423.D
 Acq: 11 Nov 2017 6:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

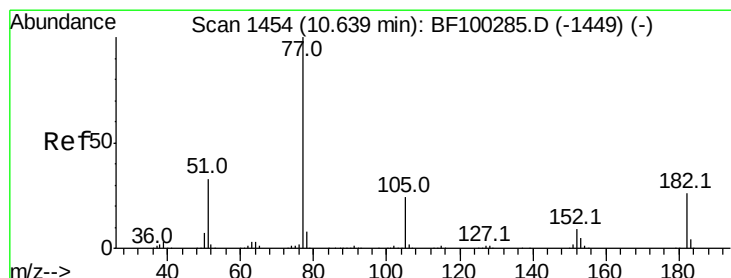
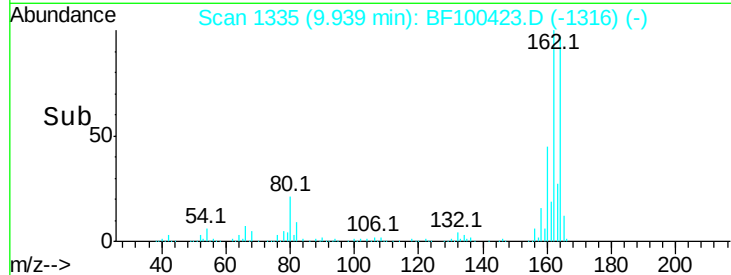
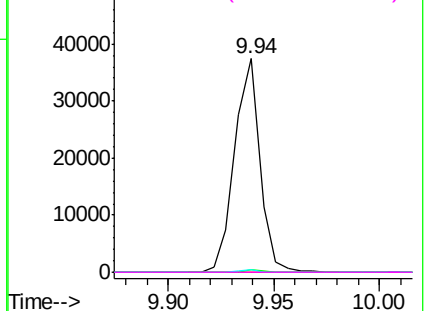


Abundance Ion 165.00 (164.70 to 165.70): E

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



#62
 Azobenzene
 Concen: 4.900 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF100423.D
 Acq: 11 Nov 2017 6:10

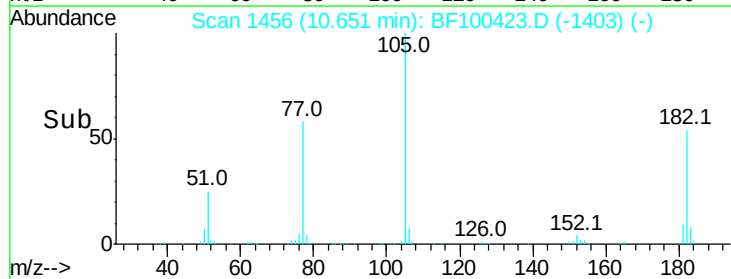
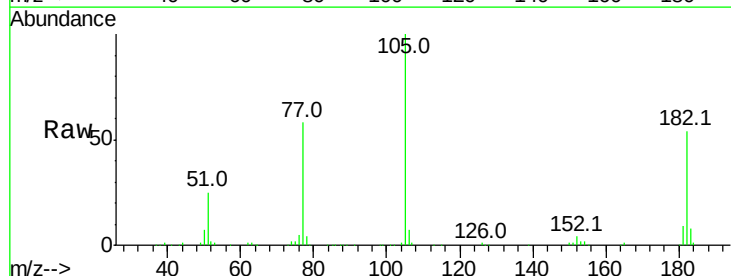
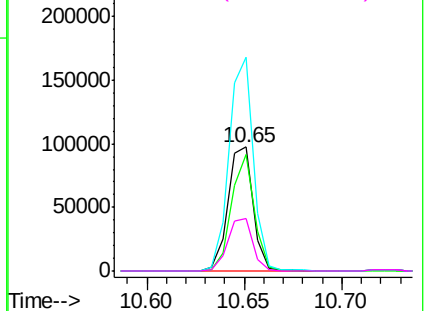
Tgt Ion	Ratio	Lower	Upper
77	100		
182	93.9	1.7	41.7#
105	172.8	3.0	43.0#
51	42.5	9.9	49.9

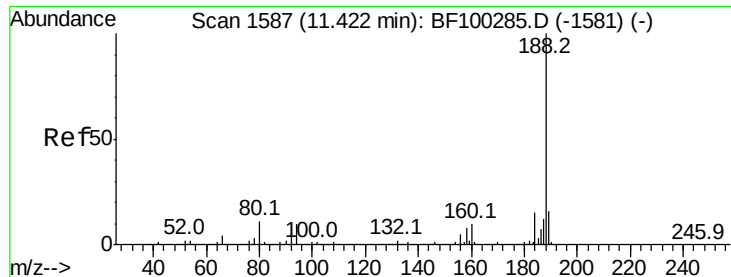
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

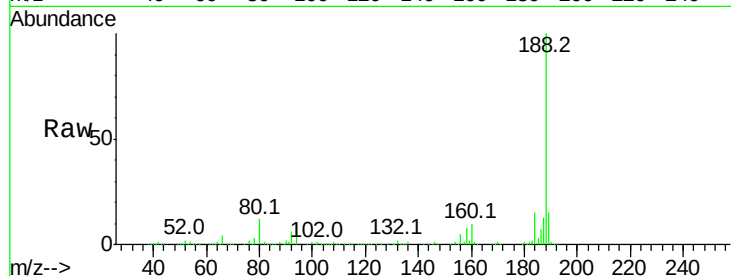




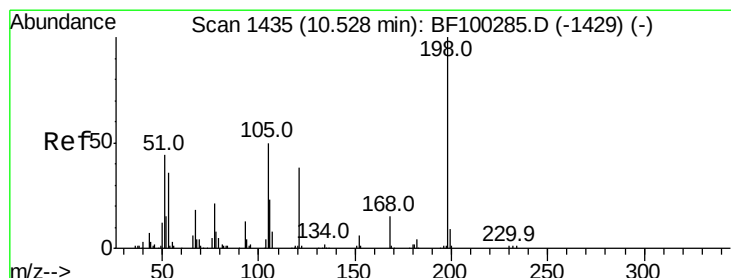
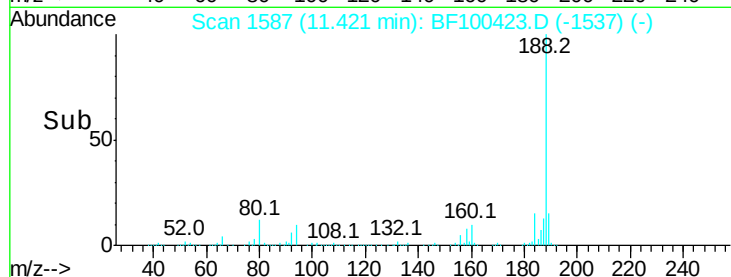
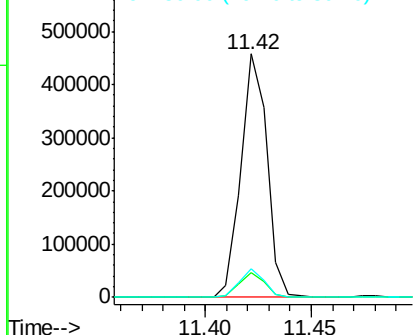
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 390958
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.5 9.2 13.8

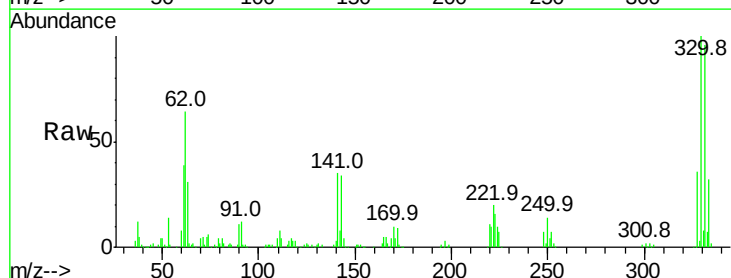


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

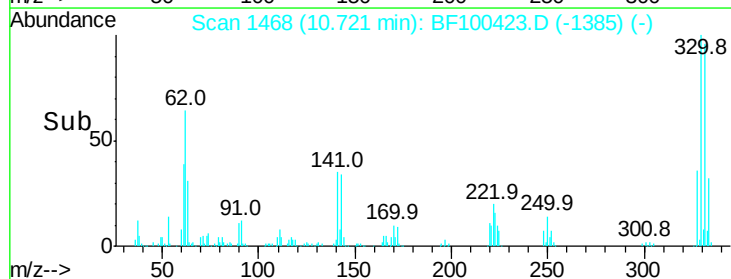
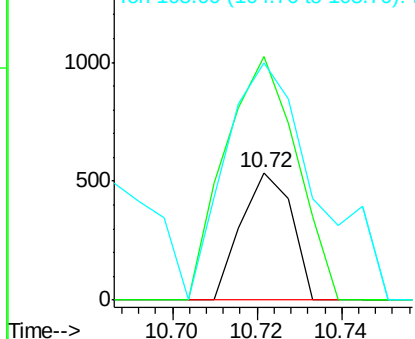


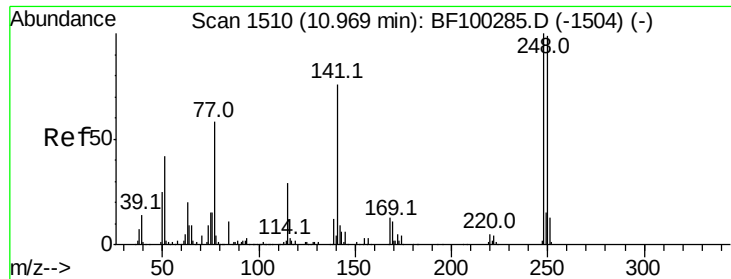
#64
4,6-Dinitro-2-methylphenol
Concen: 8.756 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Tgt Ion:198 Resp: 447
Ion Ratio Lower Upper
198 100
51 190.7 37.7 77.7#
105 186.0 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

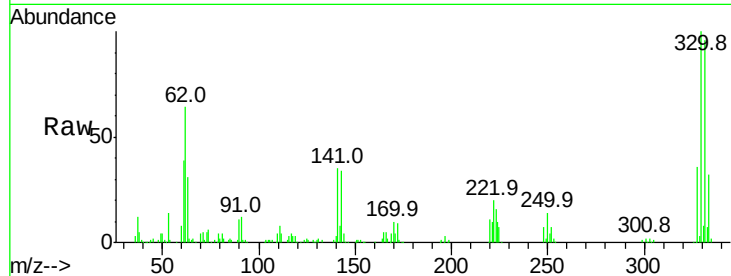




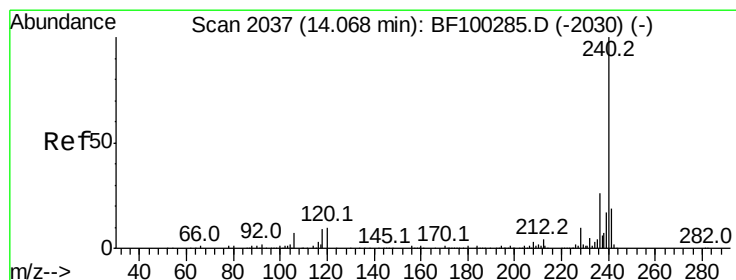
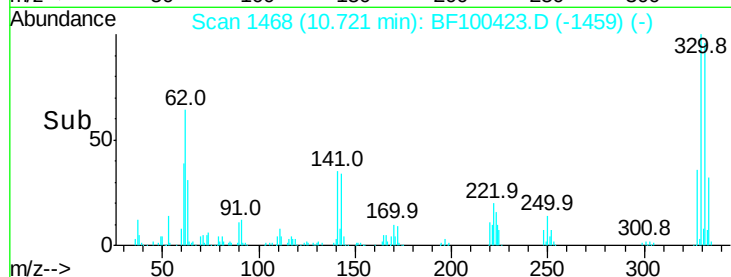
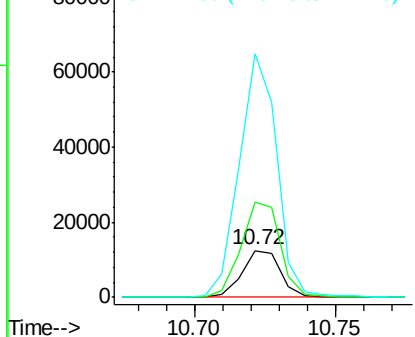
#66
4-Bromophenyl-phenylether
Concen: 2.817 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.25 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11807
Ion Ratio Lower Upper
248 100
250 204.8 76.9 115.3#
141 522.7 74.4 111.6#

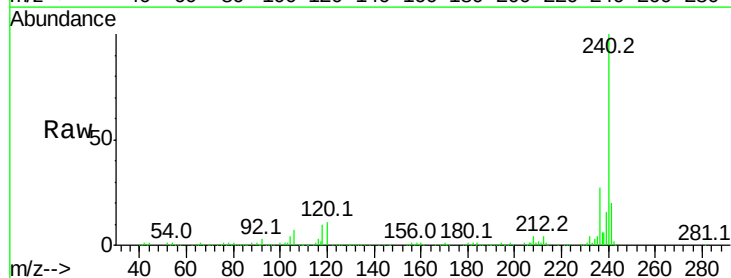


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

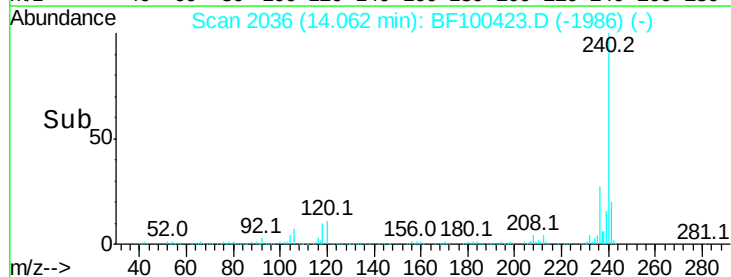
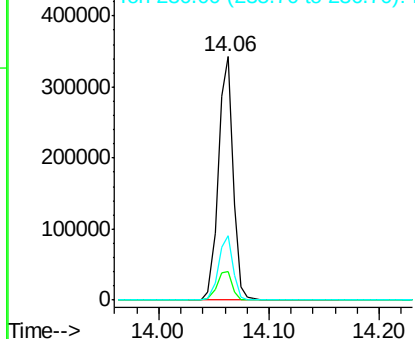


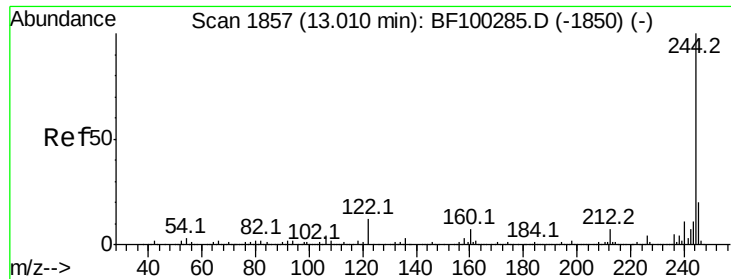
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100423.D
Acq: 11 Nov 2017 6:10

Tgt Ion:240 Resp: 319128
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.6 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: 78.602 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100423.D

Acq: 11 Nov 2017 6:10

Instrument :

BNA_F

ClientSampleId :

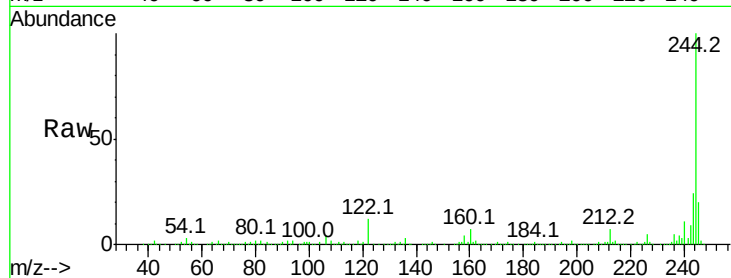
Tot Ion:244 Resp: 1091703

Ion Ratio Lower Upper

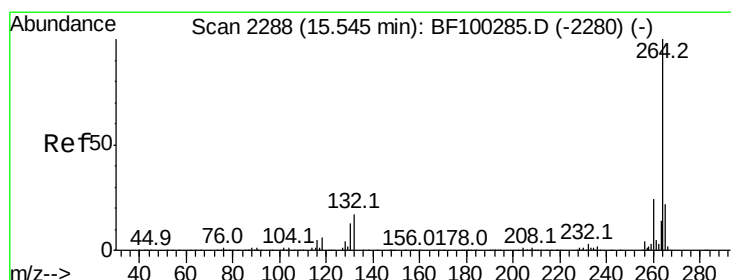
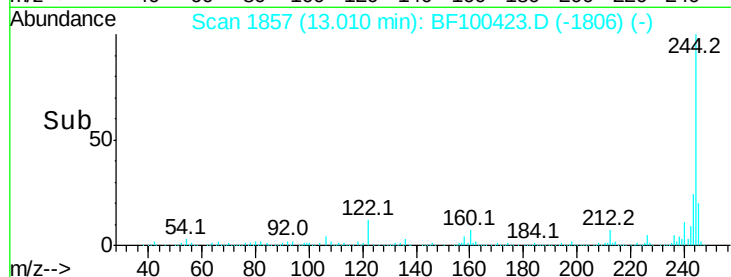
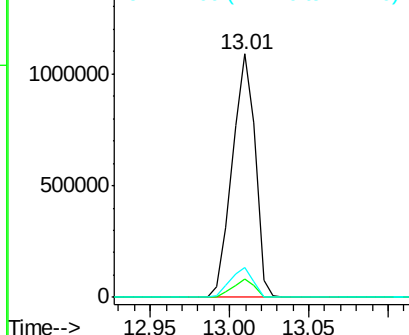
244 100

212 7.3 5.4 8.0

122 12.2 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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100423.D

Acq: 11 Nov 2017 6:10

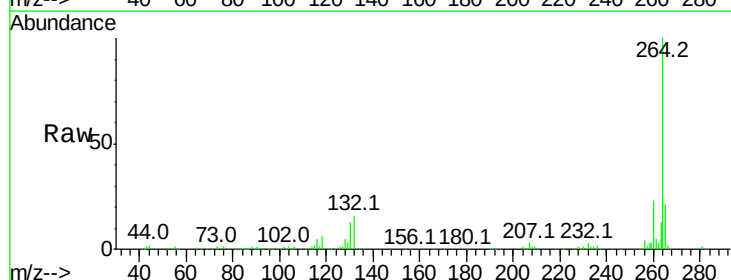
Tgt Ion:264 Resp: 251105

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 20.8 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

