

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100421.D
 Acq On : 11 Nov 2017 5:16
 Operator : SJ/JU
 Sample : I6355-11
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:17:49 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

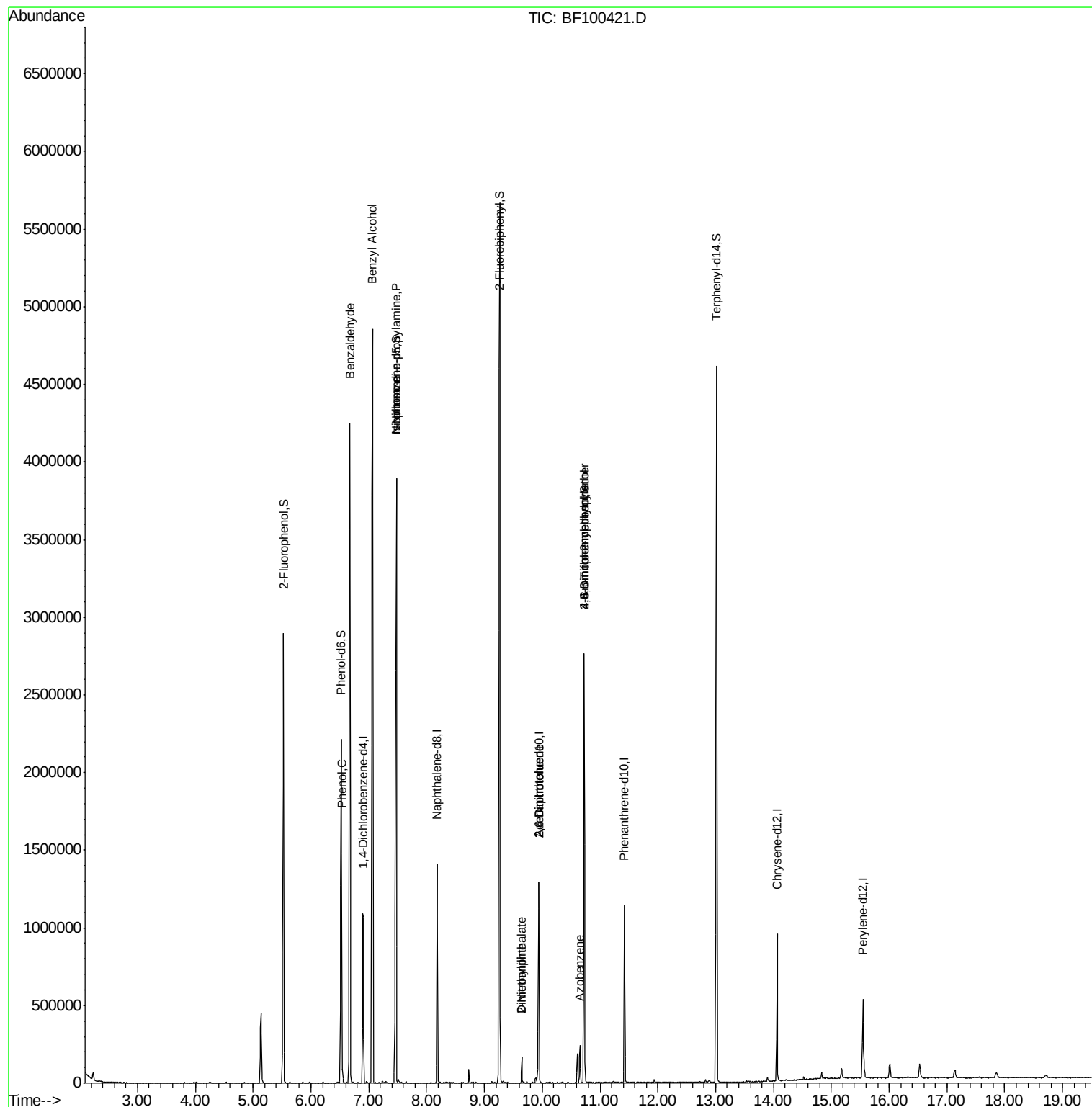
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	166090	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	599999	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	247386	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	394738	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320366	20.00	ng	0.00
86) Perylene-d12	15.54	264	248300	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	836380	80.72	ng	0.00
7) Phenol-d6	6.52	99	699347	54.74	ng	0.00
23) Nitrobenzene-d5	7.47	82	1690294	186.25	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	355399	140.98	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2504254	154.14	ng	0.00
78) Terphenyl-d14	13.02	244	1801651	129.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	28093	3.079	ng	81
10) Phenol	6.53	94	28736	2.142	ng	97
15) Benzyl Alcohol	7.06	79	25501	2.557	ng	# 47
19) n-Nitroso-di-n-propylamine	7.47	70	230446	26.007	ng	# 82
25) Isophorone	7.47	82	1686998	88.459	ng	# 64
47) 2-Nitroaniline	9.65	65	688	2.925	ng	# 1
49) Dimethylphthalate	9.65	163	60669	3.212	ng	100
50) 2,6-Dinitrotoluene	9.94	165	32185	8.608	ng	# 27
56) 2,4-Dinitrotoluene	9.94	165	32185	6.824	ng	# 24
62) Azobenzene	10.65	77	38878	2.184	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.72	198	737	8.874	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	22222	5.252	ng	# 1

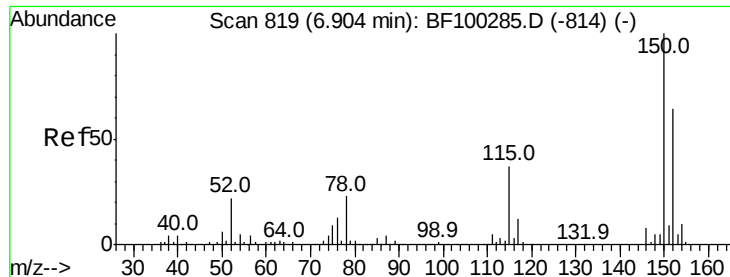
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
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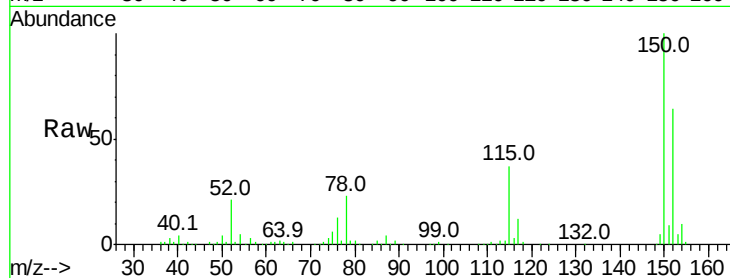


#1

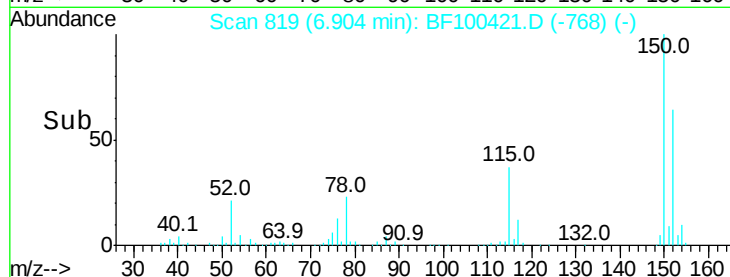
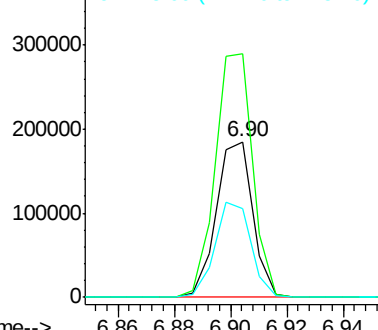
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	57.1	50.1	75.1



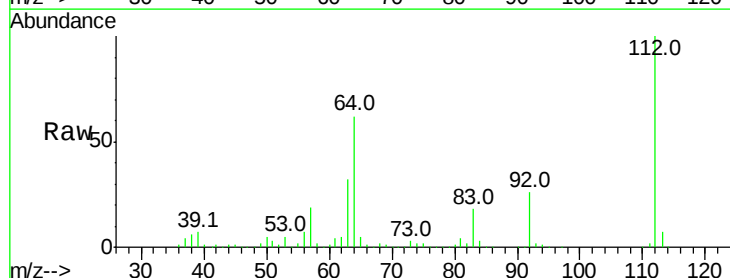
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



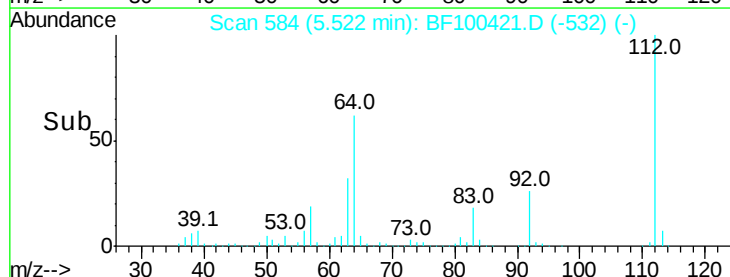
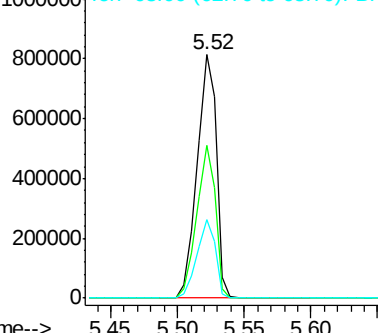
#5

2-Fluorophenol
Concen: 80.722 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	47.9	71.9
63	32.1	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: 54.736 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100421.D

Acq: 11 Nov 2017 5:16

Instrument :

BNA_F

ClientSampled :

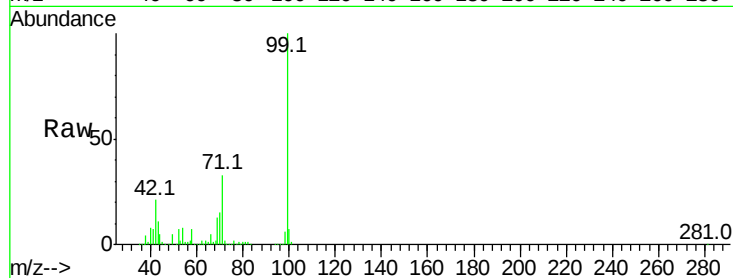
Tot Ion: 99 Resp: 699347

Ion Ratio Lower Upper

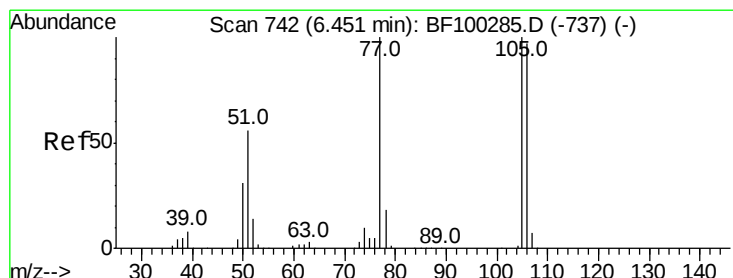
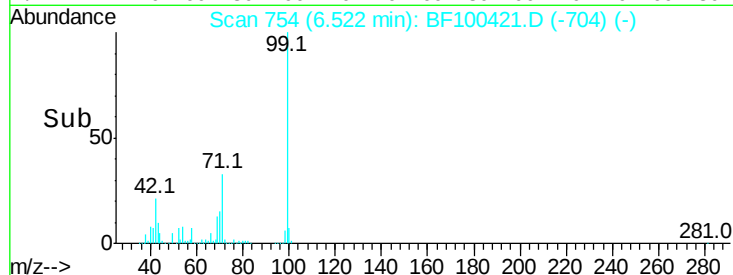
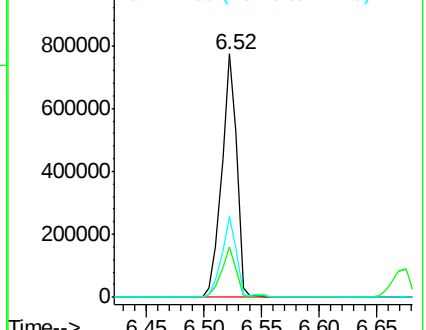
99 100

42 20.5 14.5 21.7

71 33.2 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: 3.079 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.22 min

Lab File: BF100421.D

Acq: 11 Nov 2017 5:16

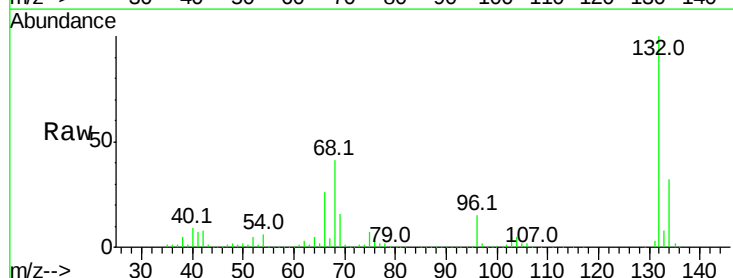
Tgt Ion: 77 Resp: 28093

Ion Ratio Lower Upper

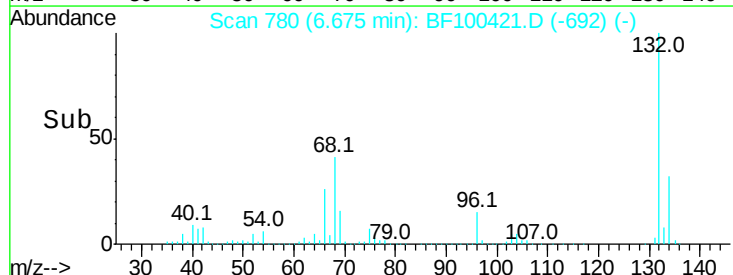
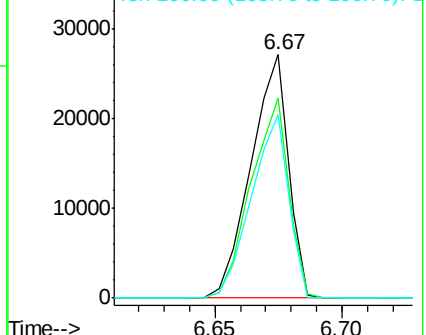
77 100

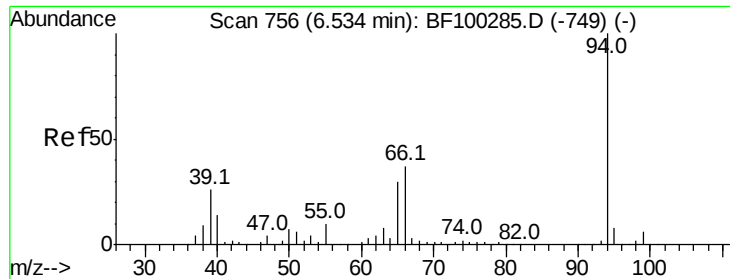
105 82.1 81.1 121.1

106 75.1 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

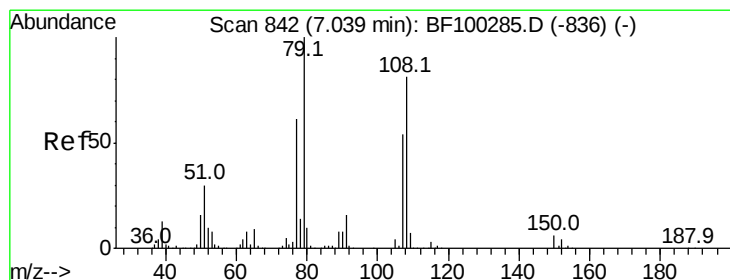
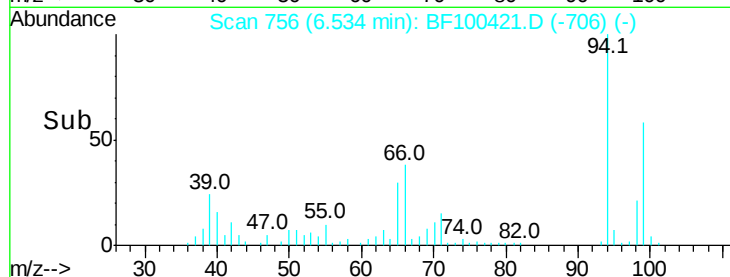
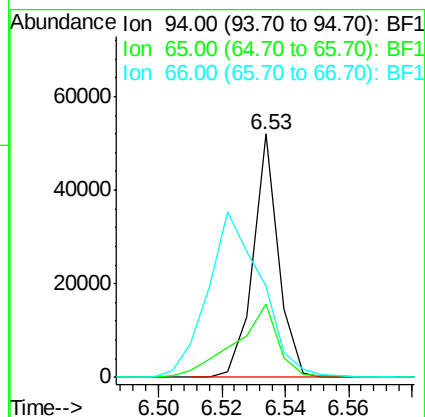
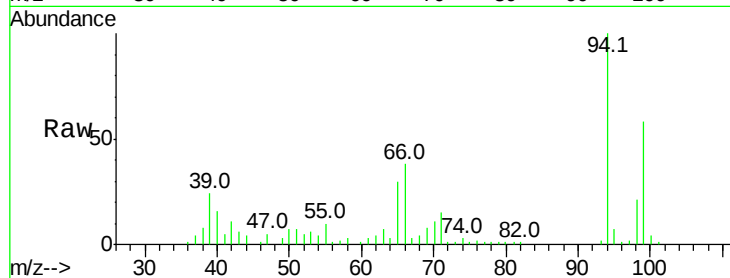




#10
Phenol
Concen: 2.142 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

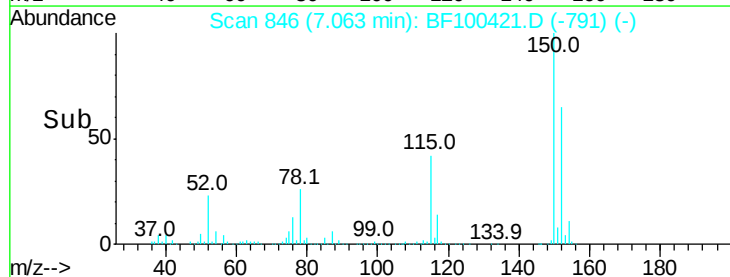
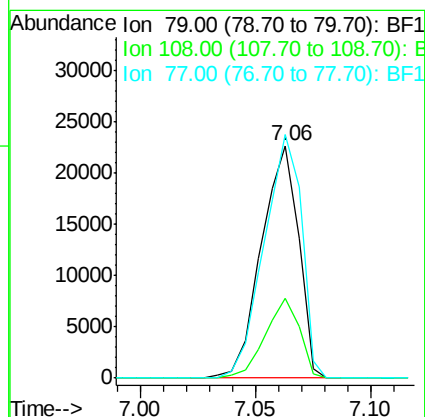
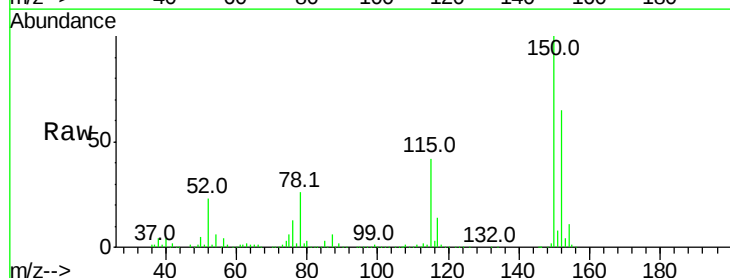
Instrument :
BNA_F
ClientSampleId :

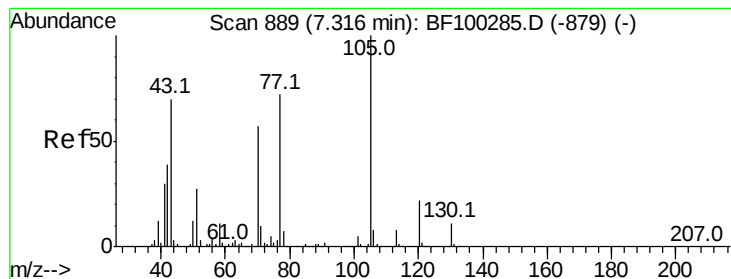
Tot Ion: 94 Resp: 28736
Ion Ratio Lower Upper
94 100
65 30.1 7.9 47.9
66 37.5 16.2 56.2



#15
Benzyl Alcohol
Concen: 2.557 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.02 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Tgt Ion: 79 Resp: 25501
Ion Ratio Lower Upper
79 100
108 34.4 65.1 97.7#
77 104.7 50.6 75.8#





#19

n-Nitroso-di-n-propylamine

Concen: 26.007 ng

RT: 7.47 min Scan# 916

Delta R.T. 0.16 min

Lab File: BF100421.D

Acq: 11 Nov 2017 5:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 230446

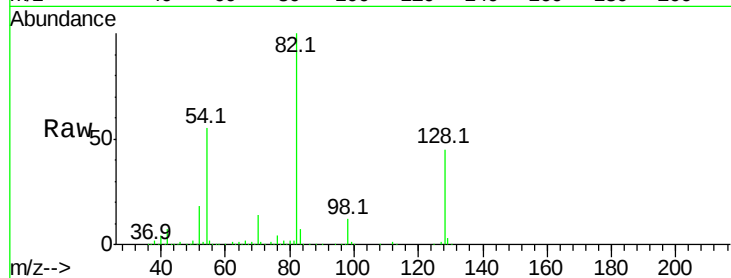
Ion Ratio Lower Upper

70 100

42 52.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

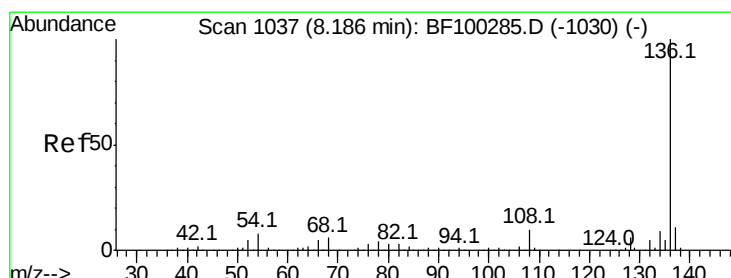
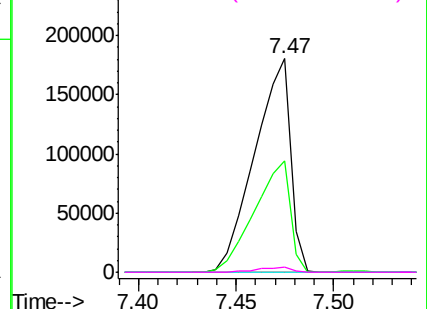
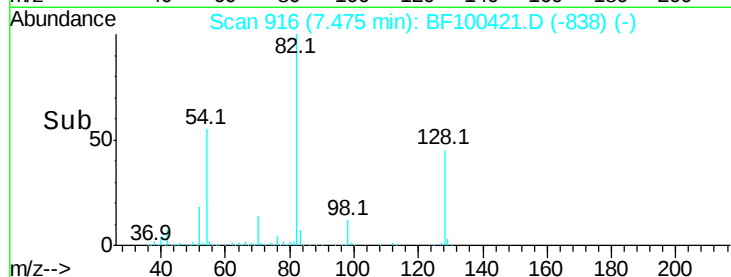


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100421.D

Acq: 11 Nov 2017 5:16

Tgt Ion:136 Resp: 599999

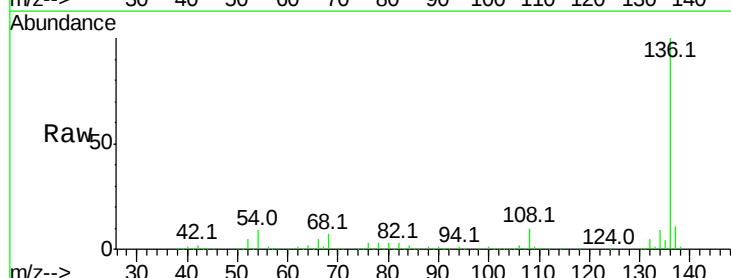
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.3 6.6 9.8

68 6.9 5.0 7.4

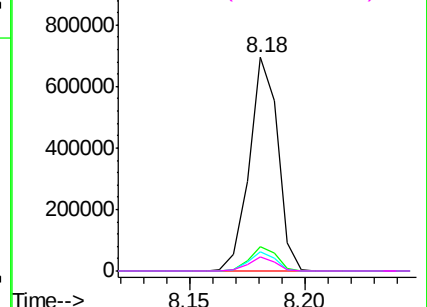
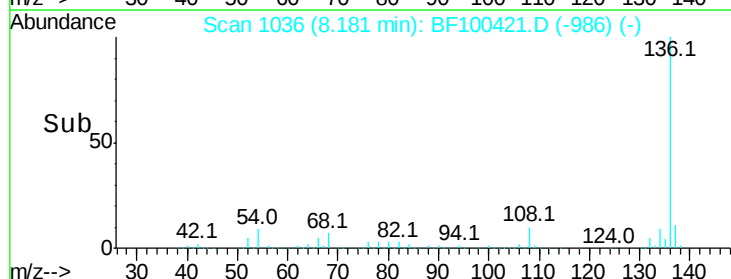


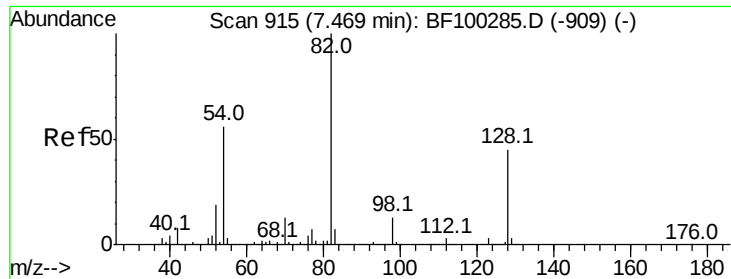
Abundance Ion 136.00 (135.70 to 136.70): BF1

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



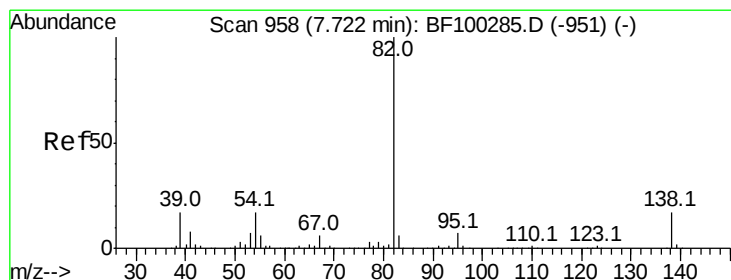
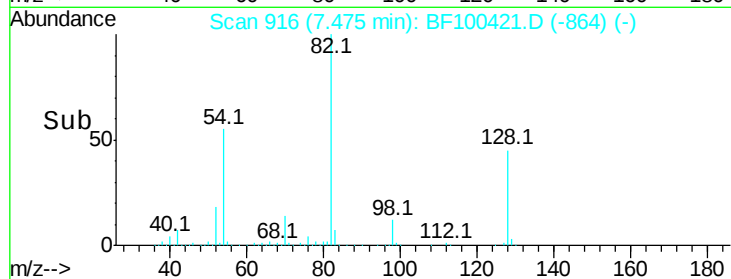
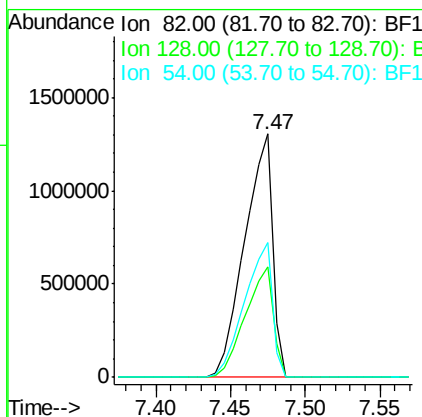
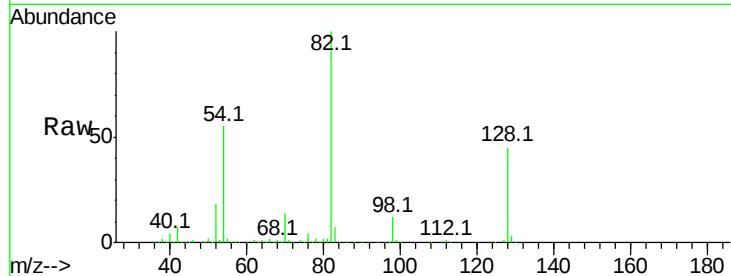


#23
 Nitrobenzene-d5
 Concen: 186.252 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.01 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1690294

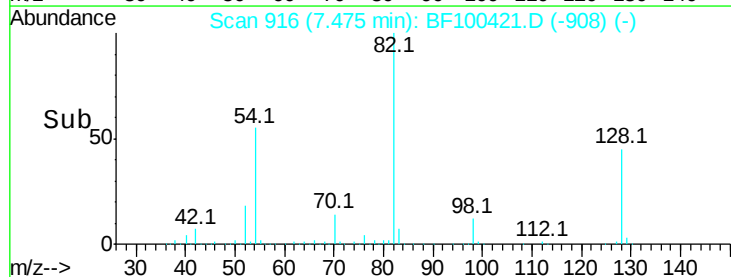
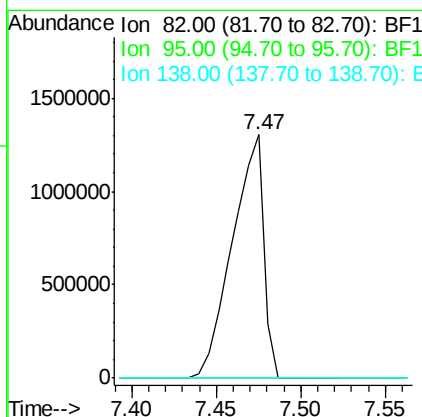
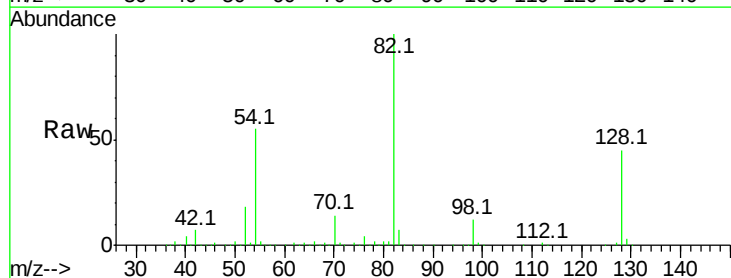
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	55.2	41.4	62.2

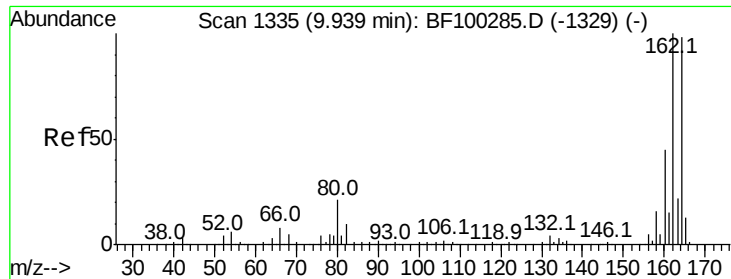


#25
 Isophorone
 Concen: 88.459 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.25 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

Tgt Ion: 82 Resp: 1686998

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

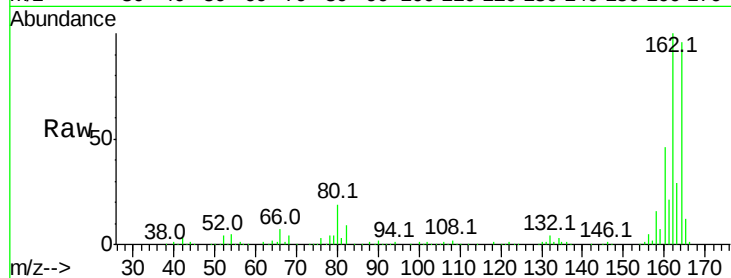




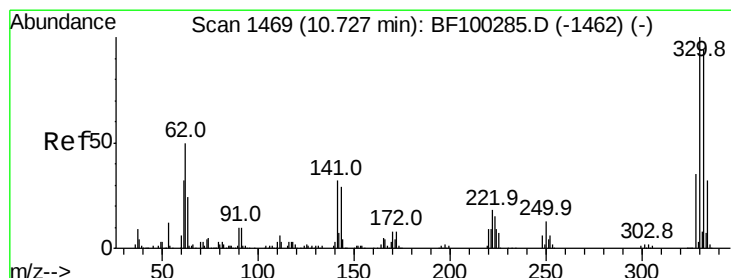
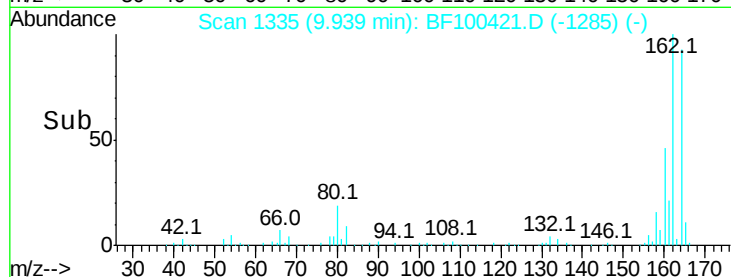
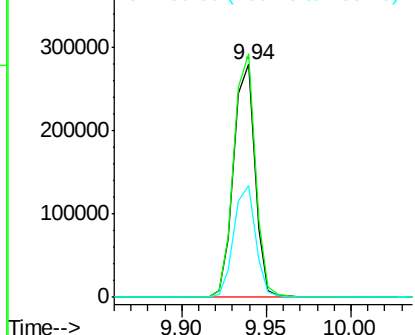
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	48.1	38.3	57.5

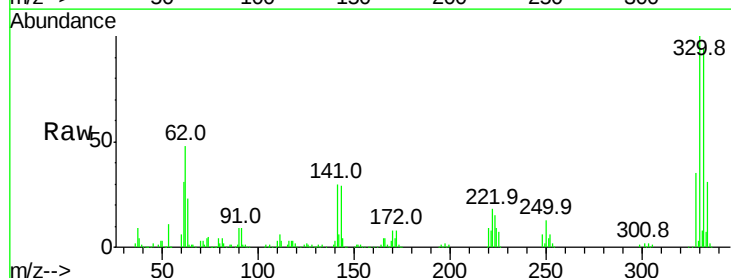


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

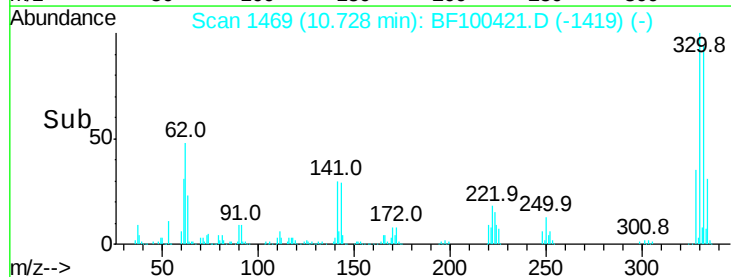
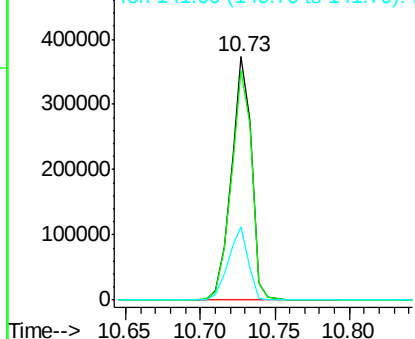


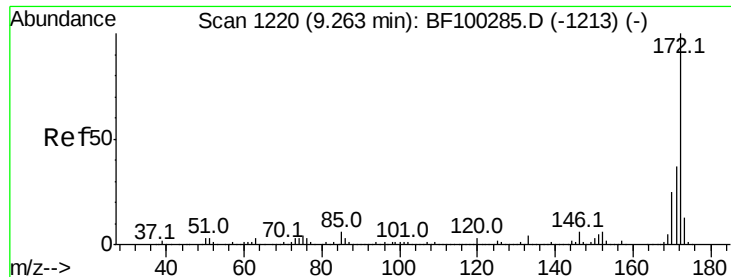
#41
2,4,6-Tribromophenol
Concen: 140.983 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.1	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

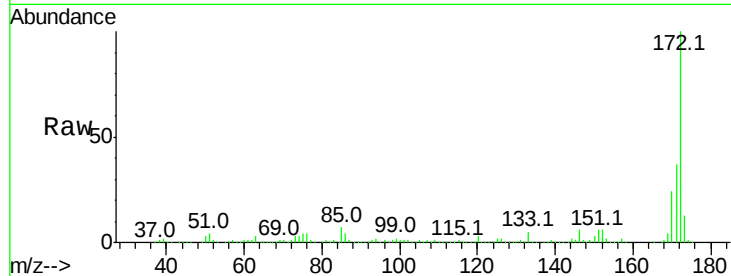




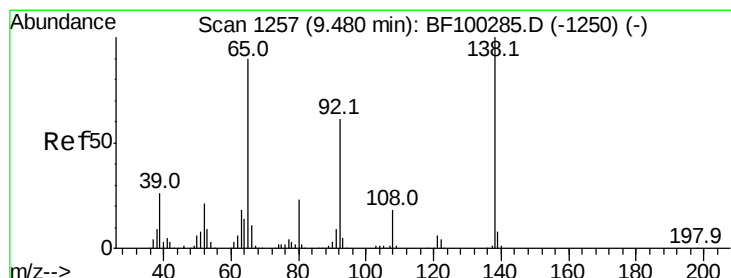
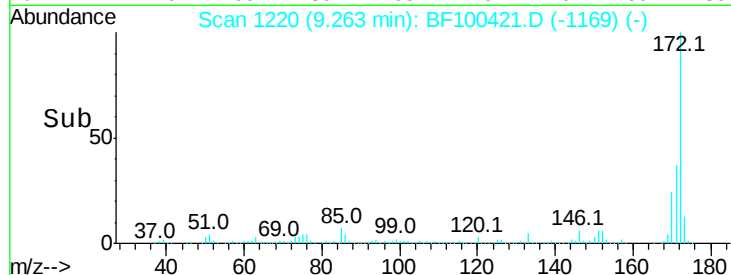
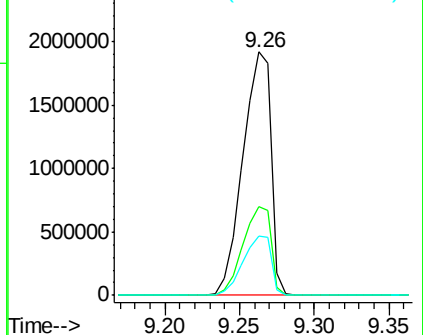
#44
2-Fluorobiphenyl
Concen: 154.142 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2504254
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.2 19.6 29.4

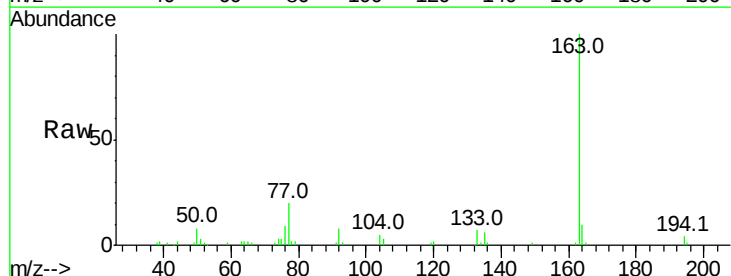


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

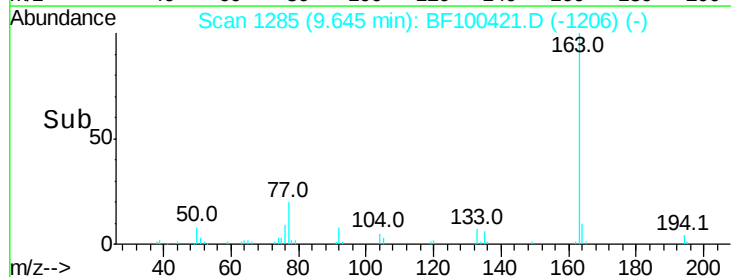
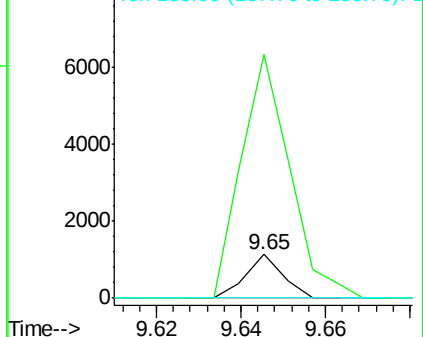


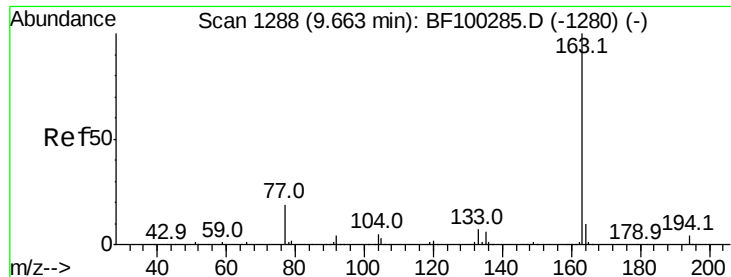
#47
2-Nitroaniline
Concen: 2.925 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.16 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Tgt Ion: 65 Resp: 688
Ion Ratio Lower Upper
65 100
92 557.0 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

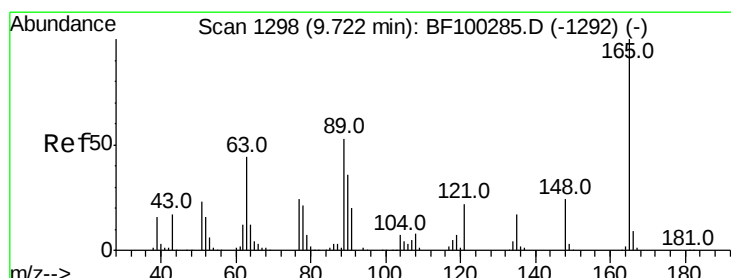
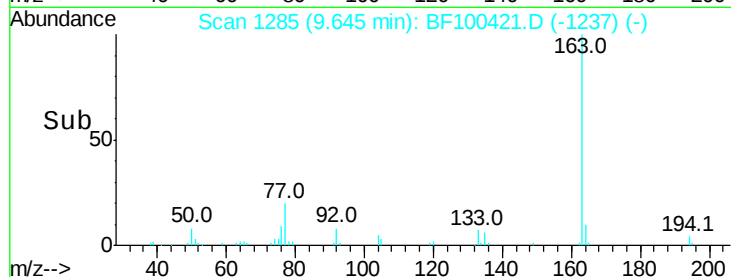
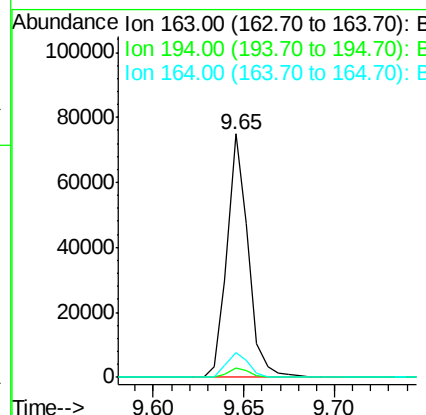
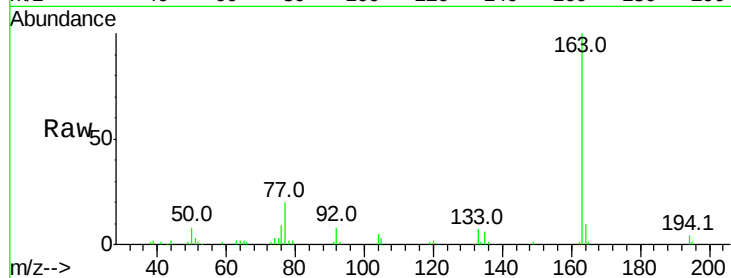




#49
 Dimethylphthalate
 Concen: 3.212 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

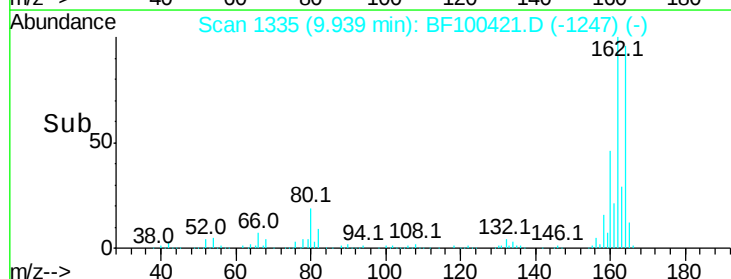
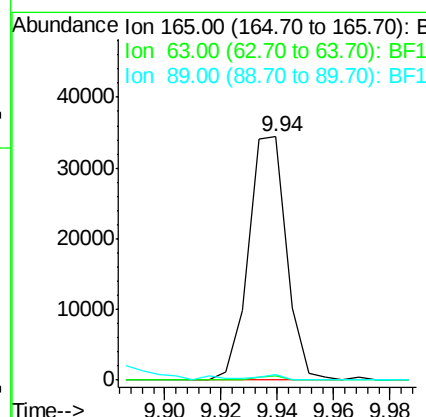
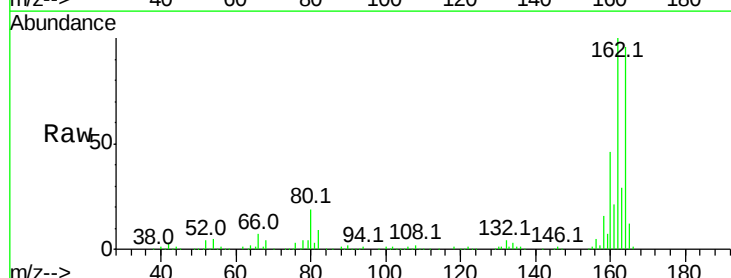
Instrument :
 BNA_F
 ClientSampleId :

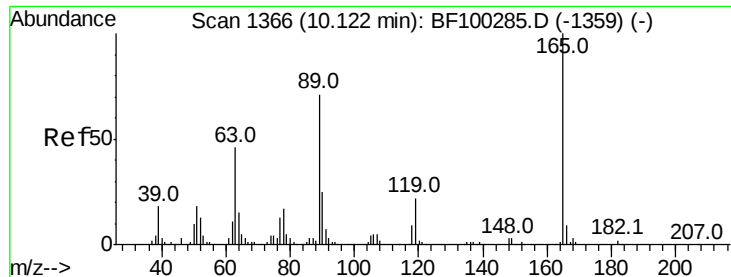
Tot Ion:163 Resp: 60669
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.2 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.608 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

Tgt Ion:165 Resp: 32185
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.7 67.1#
 89 2.4 44.0 66.0#

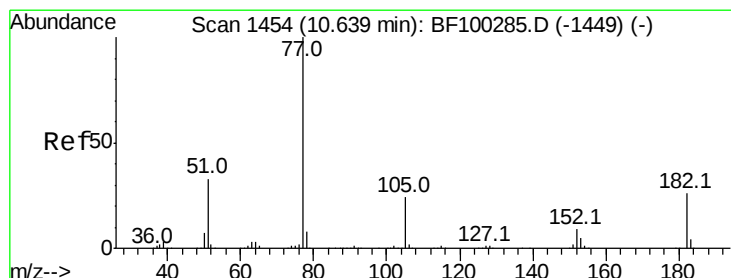
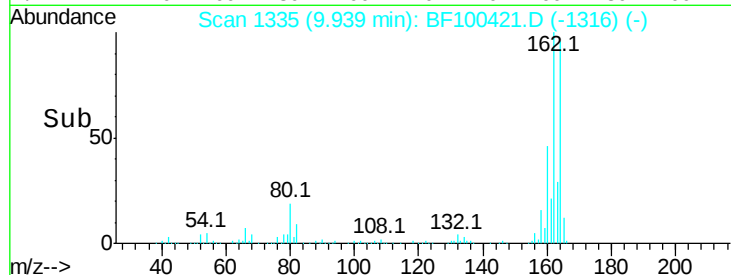
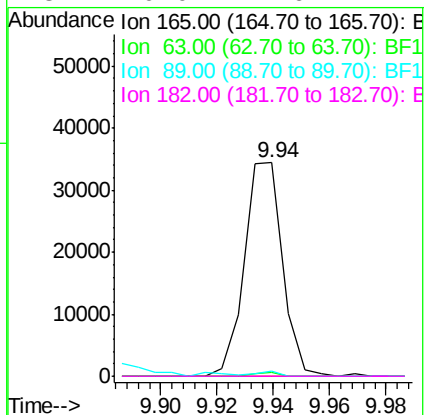
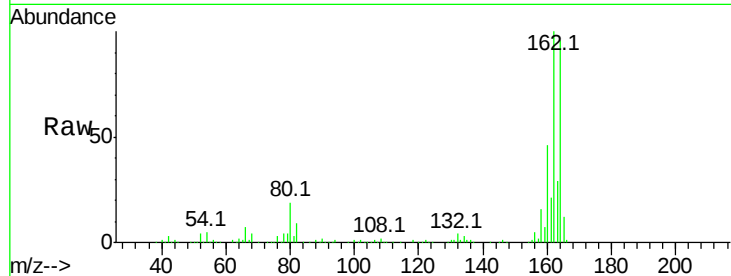




#56
 2,4-Dinitrotoluene
 Concen: 6.824 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

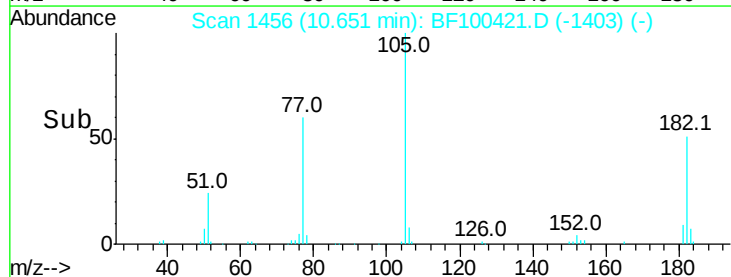
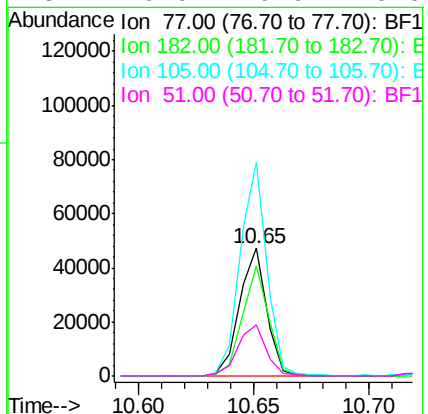
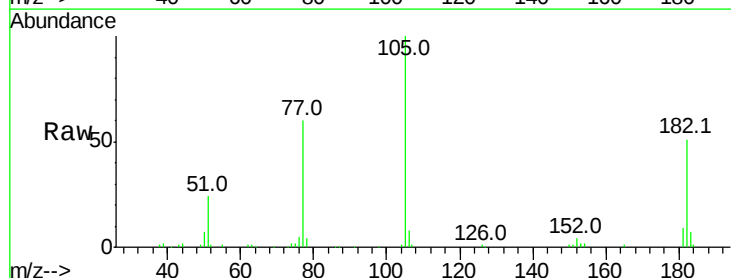
Instrument :
 BNA_F
 ClientSampled :

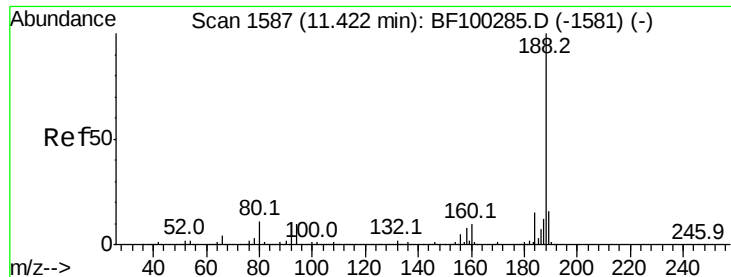
Tot Ion:165 Resp: 32185
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.4 54.6#
 89 2.4 57.8 86.6#
 182 0.0 1.6 2.4#



#62
 Azobenzene
 Concen: 2.184 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

Tgt Ion: 77 Resp: 38878
 Ion Ratio Lower Upper
 77 100
 182 86.0 1.7 41.7#
 105 167.1 3.0 43.0#
 51 40.0 9.9 49.9

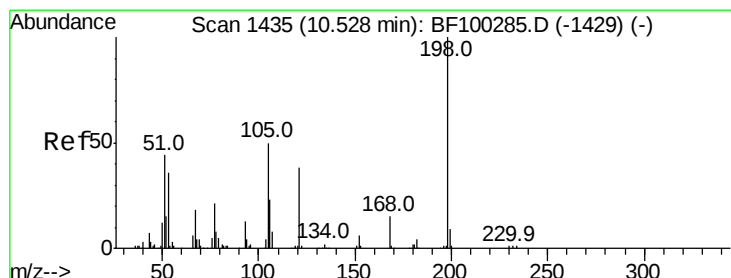
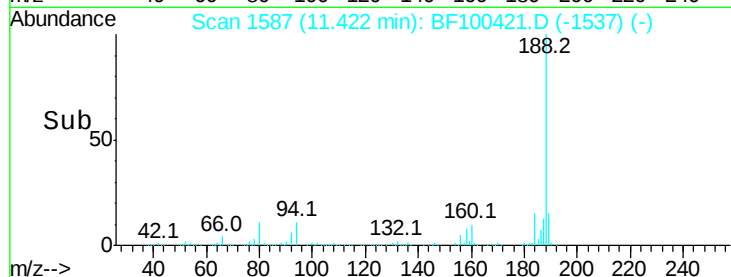
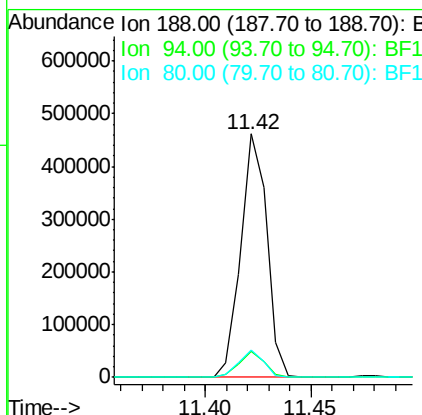
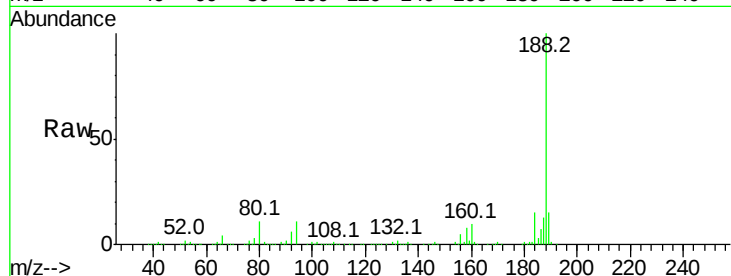




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

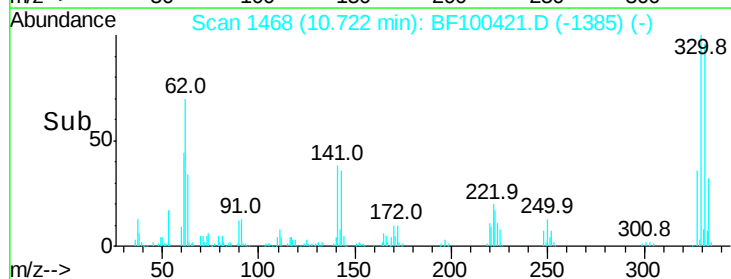
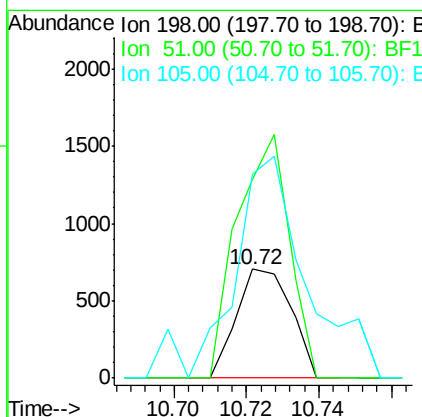
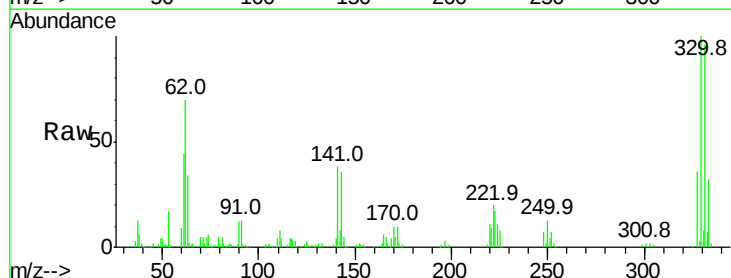
Instrument :
 BNA_F
 ClientSampleId :

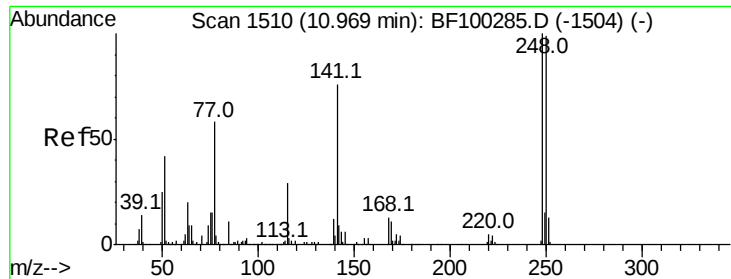
Tot Ion:188 Resp: 394738
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.874 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF100421.D
 Acq: 11 Nov 2017 5:16

Tgt Ion:198 Resp: 737
 Ion Ratio Lower Upper
 198 100
 51 183.2 37.7 77.7#
 105 187.4 36.3 76.3#

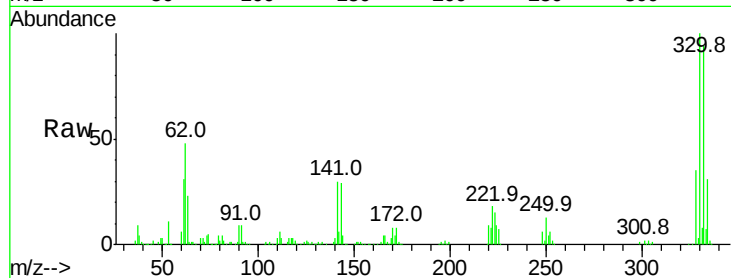




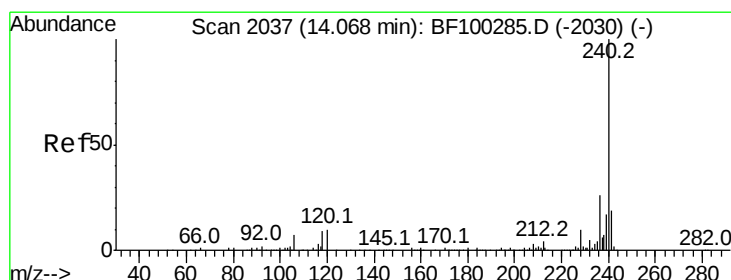
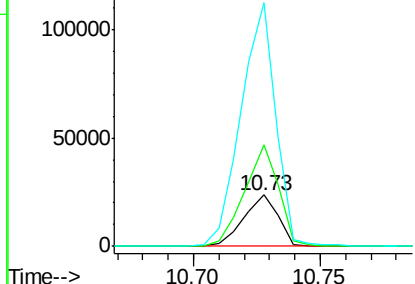
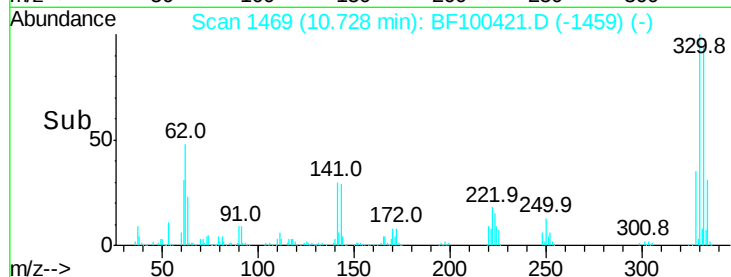
#66
4-Bromophenyl-phenylether
Concen: 5.252 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	199.0	76.9	115.3#
141	476.8	74.4	111.6#

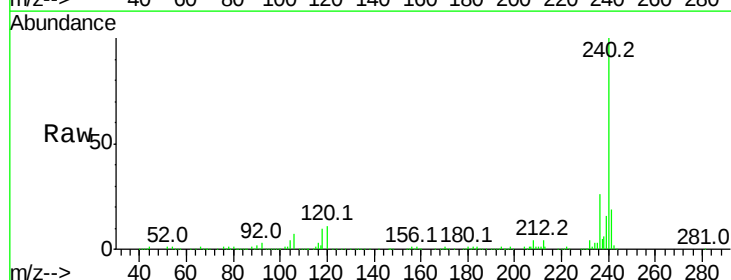


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

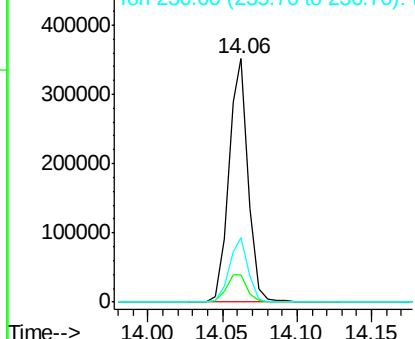
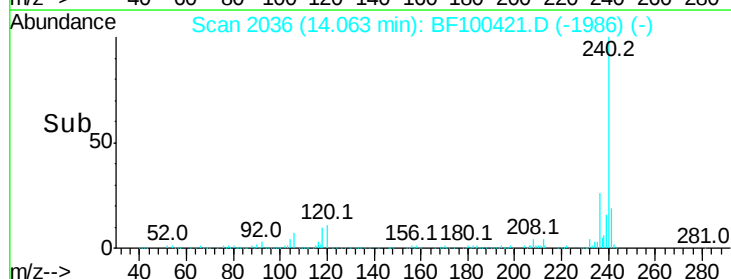


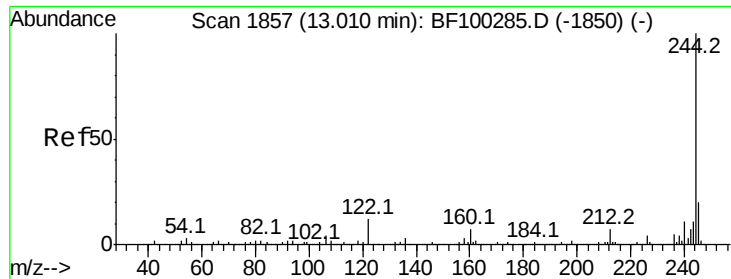
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100421.D
Acq: 11 Nov 2017 5:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.5	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: 129.217 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100421.D

Acq: 11 Nov 2017 5:16

Instrument :

BNA_F

ClientSampleId :

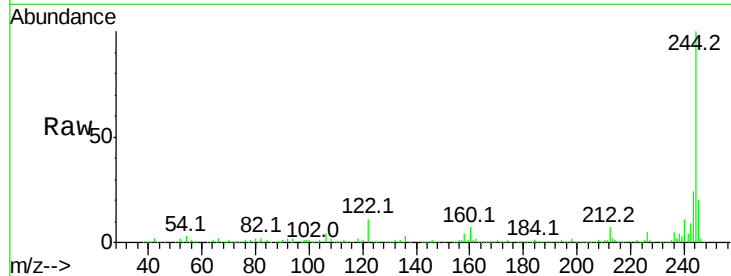
Tot Ion:244 Resp: 1801651

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

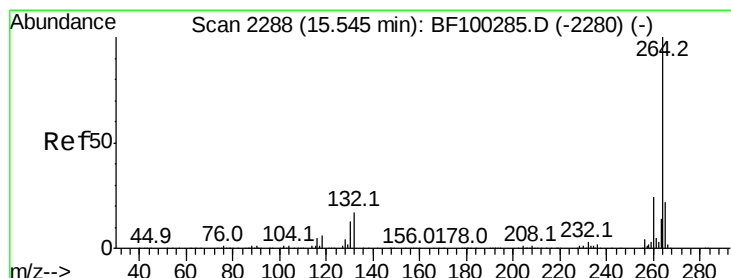
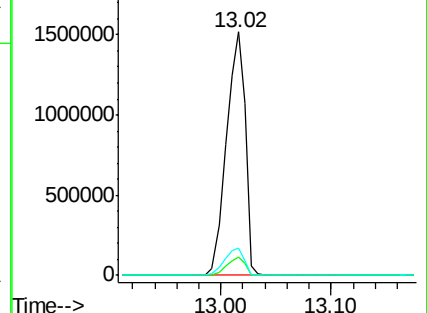
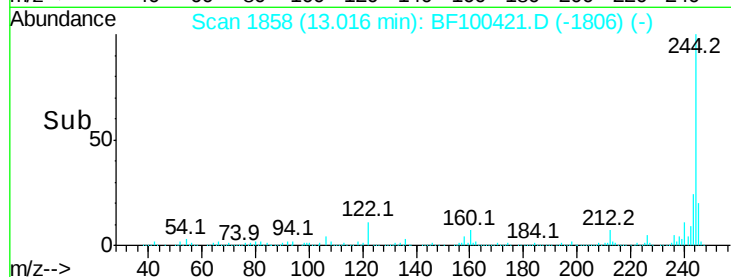
122 11.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100421.D

Acq: 11 Nov 2017 5:16

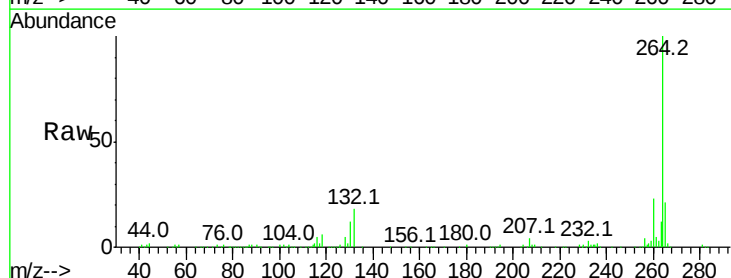
Tgt Ion:264 Resp: 248300

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.0 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

