

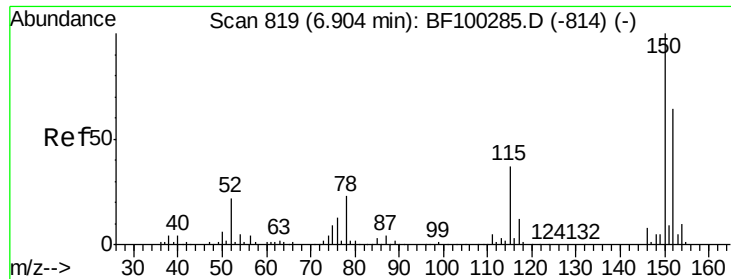
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
 Data File : BF100778.D
 Acq On : 21 Nov 2017 14:17
 Operator : SJ/JU
 Sample : I6340-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 04:08:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	76347	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	307870	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	145709	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	285620	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	189498	20.00	ng	-0.01
86) Perylene-d12	15.50	264	163714	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	516035	108.35	ng	0.00
7) Phenol-d6	6.50	99	626155	106.61	ng	-0.01
23) Nitrobenzene-d5	7.43	82	381240	81.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	148862	100.26	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	593215	61.99	ng	-0.01
78) Terphenyl-d14	12.97	244	473988	57.47	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.64	77	11176	2.66	ng	83
10) Phenol	6.51	94	16230	2.63	ng	99
19) n-Nitroso-di-n-propylamine	7.43	70	49913	12.25	ng	# 80
25) Isophorone	7.43	82	381231	38.96	ng	# 64
32) Benzoic acid	7.85	122	6842	11.01	ng	89
47) 2-Nitroaniline	9.62	65	1650	3.36	ng	# 1
49) Dimethylphthalate	9.62	163	199488	17.93	ng	98
56) 2,4-Dinitrotoluene	9.90	165	18795	6.77	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	223	8.70	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9482	3.10	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.00	149	34057	4.70	ng	99
87) Benzo(b)fluoranthene	15.07	252	20422	2.11	ng	# 87
88) Benzo(k)fluoranthene	15.07	252	20422	2.23	ng	# 89

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

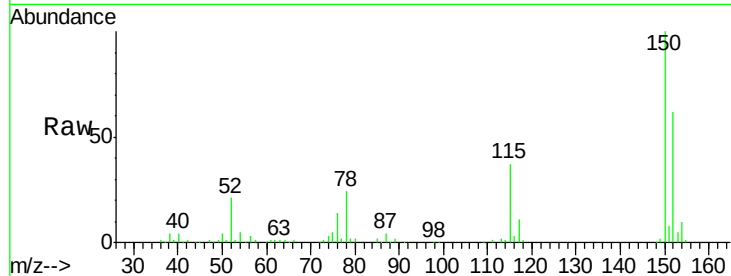


#1

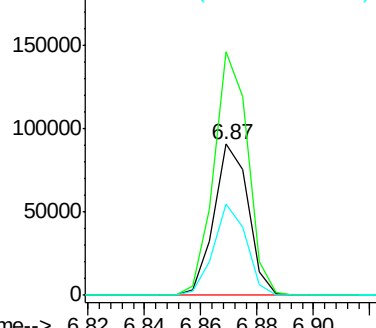
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

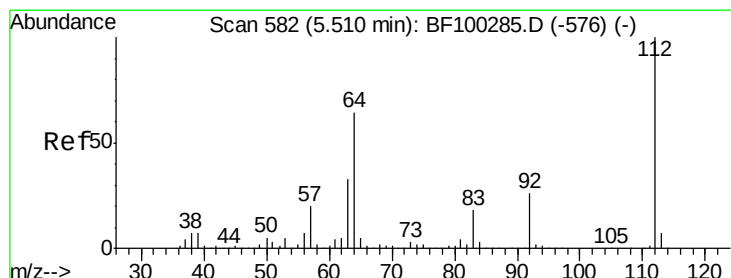
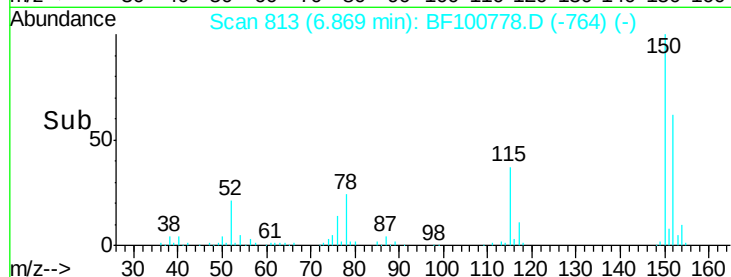
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	60.2	50.1	75.1



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



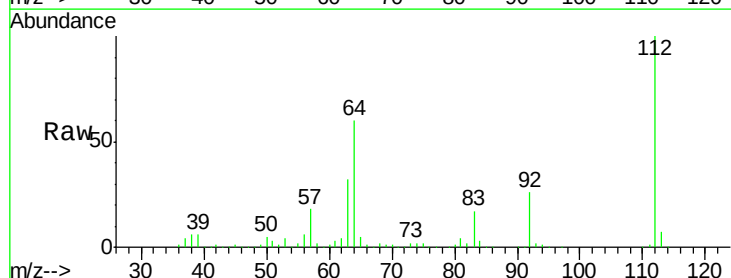
Time--> 6.82 6.84 6.86 6.88 6.90



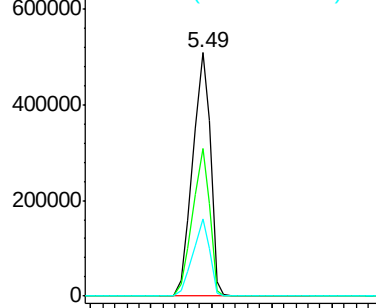
#5

2-Fluorophenol
 Concen: 108.35 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

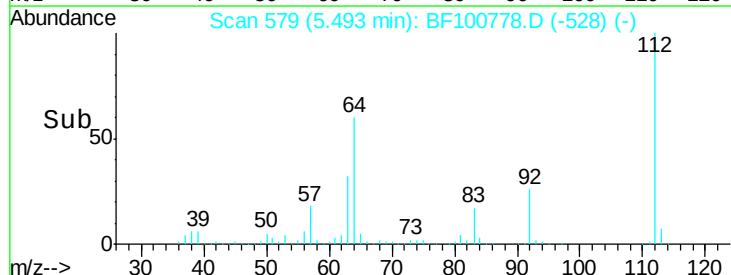
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.7	23.7	35.5

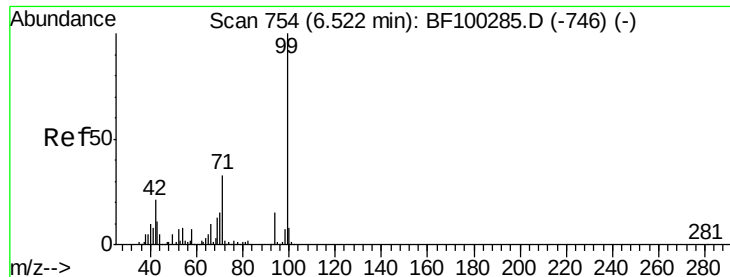


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1



Time--> 5.40 5.45 5.50 5.55 5.60





#7

Phenol-d6

Concen: 106.61 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Instrument :

BNA_F

ClientSampleId :

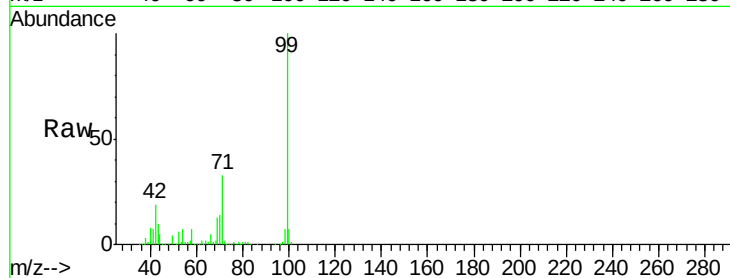
Tot Ion: 99 Resp: 626155

Ion Ratio Lower Upper

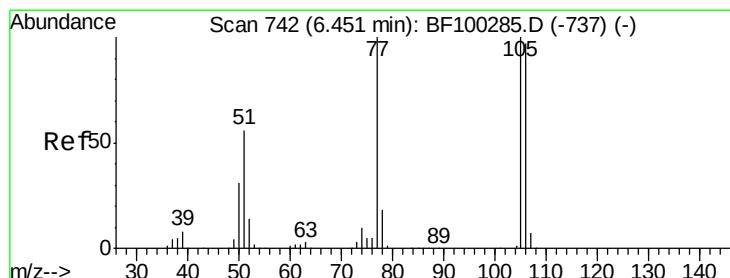
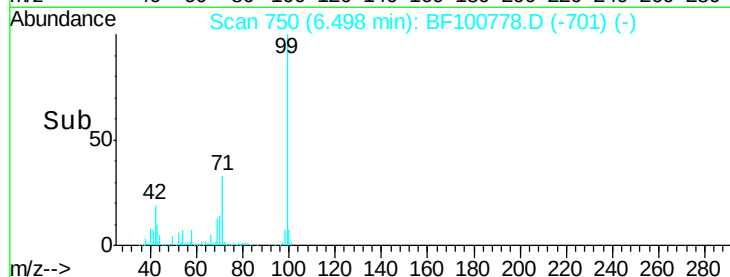
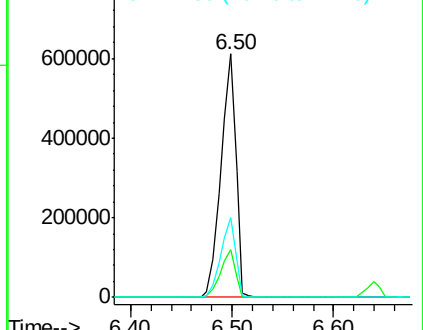
99 100

42 19.4 14.5 21.7

71 33.0 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: 2.66 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.21 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

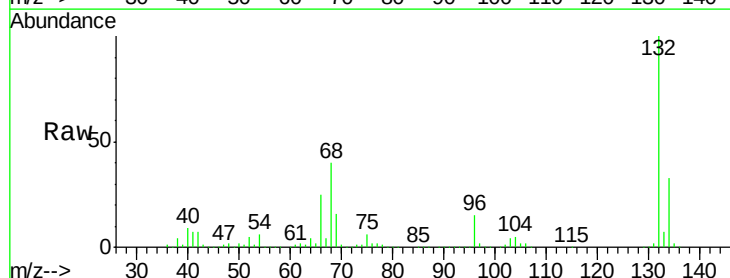
Tgt Ion: 77 Resp: 11176

Ion Ratio Lower Upper

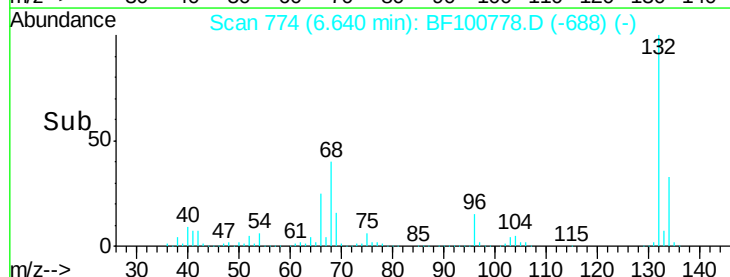
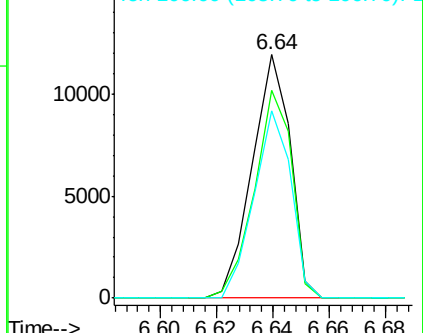
77 100

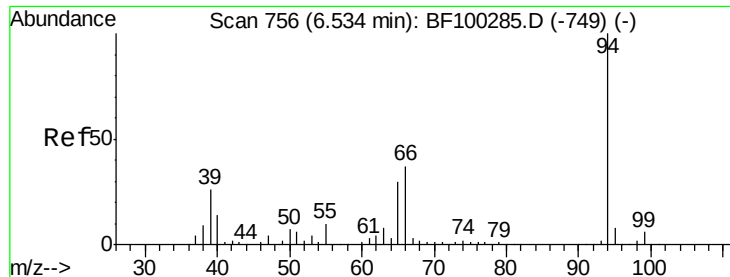
105 85.6 81.1 121.1

106 77.0 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: 2.63 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Instrument :

BNA_F

ClientSampleId :

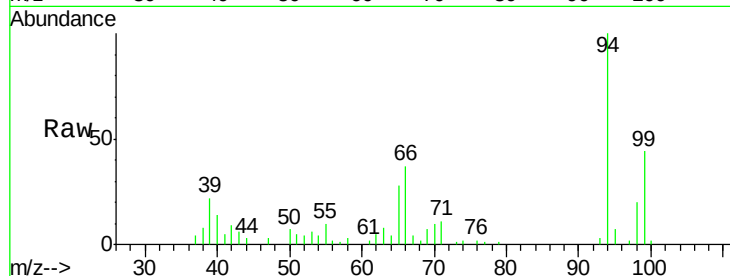
Tot Ion: 94 Resp: 16230

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

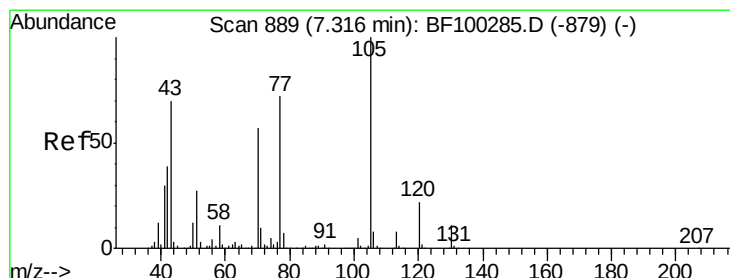
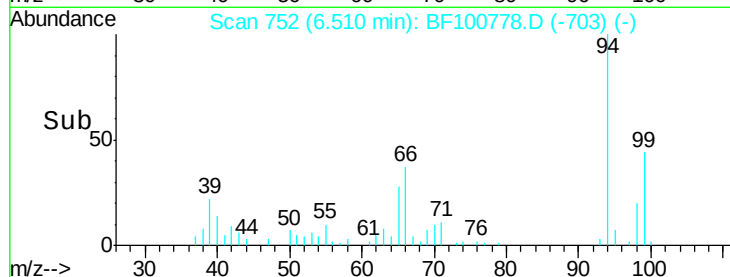
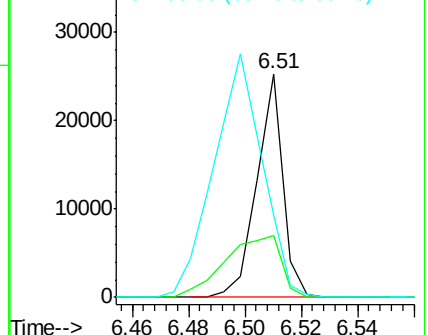
66 36.9 16.2 56.2



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: 12.25 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.14 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Tgt Ion: 70 Resp: 49913

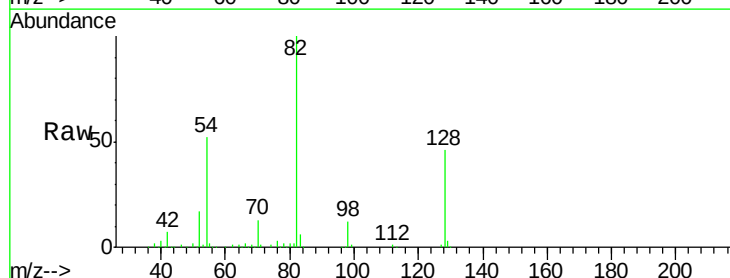
Ion Ratio Lower Upper

70 100

42 50.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

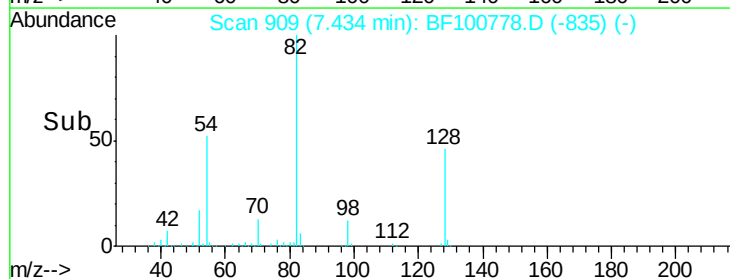
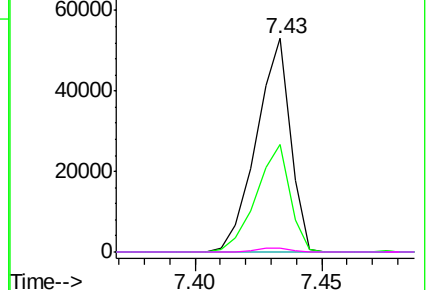


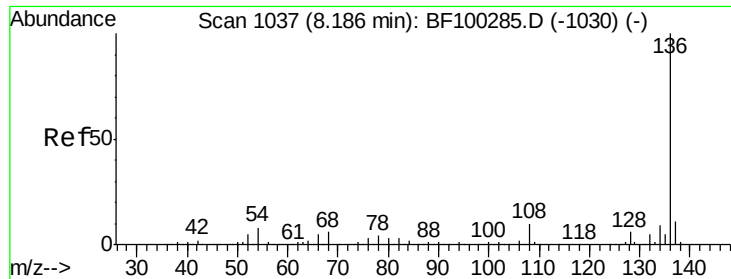
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

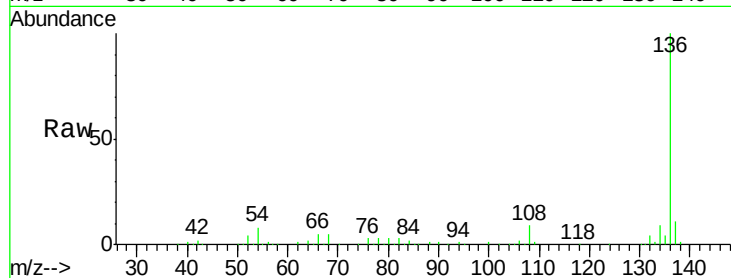




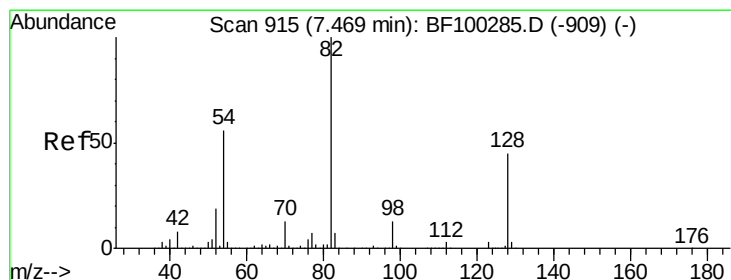
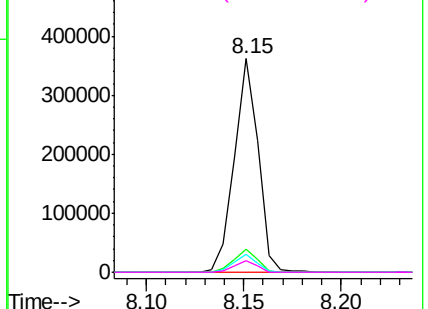
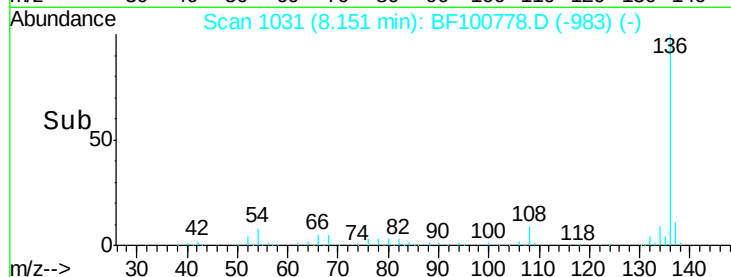
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	307870
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	8.1	6.6 9.8
68	5.5	5.0 7.4

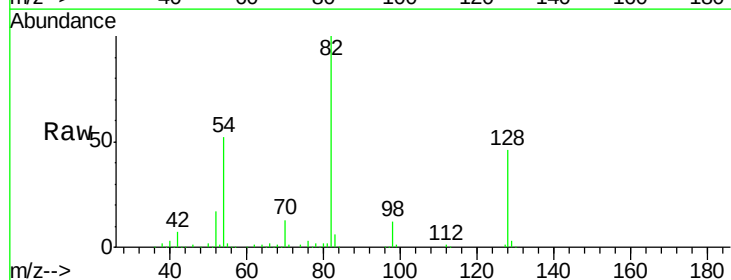


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

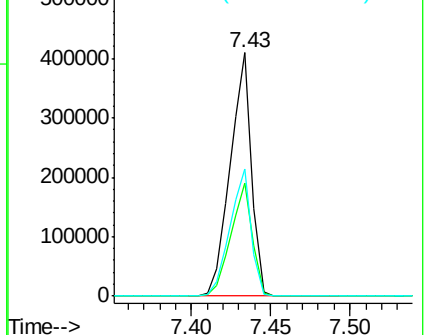
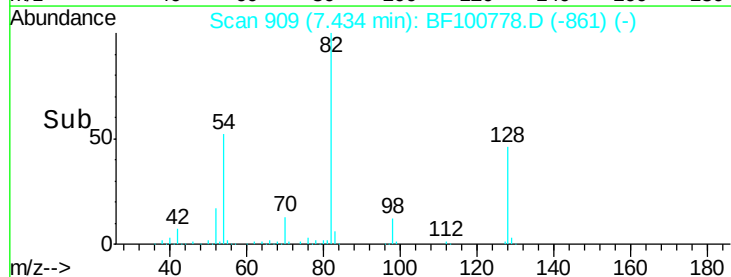


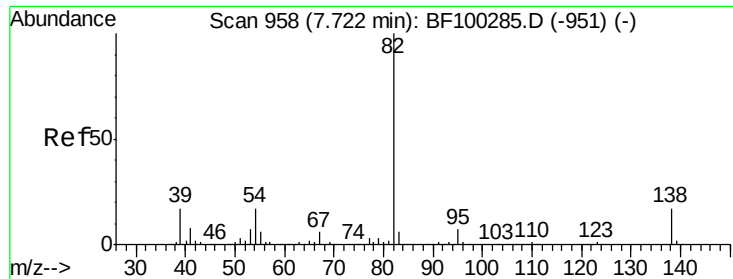
#23
Nitrobenzene-d5
Concen: 81.87 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion: 82	Resp:	381240
Ion Ratio	Lower	Upper
82	100	
128	46.5	36.1 54.1
54	52.0	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: 38.96 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.27 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Instrument :

BNA_F

ClientSampleId :

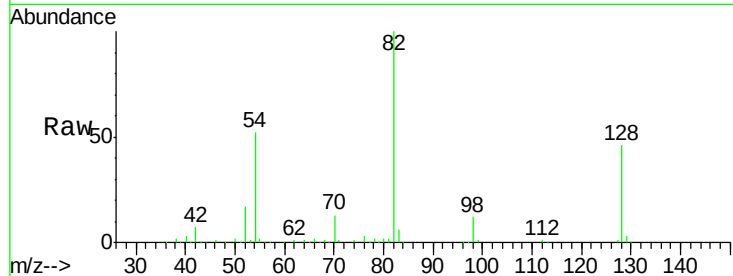
Tot Ion: 82 Resp: 381231

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

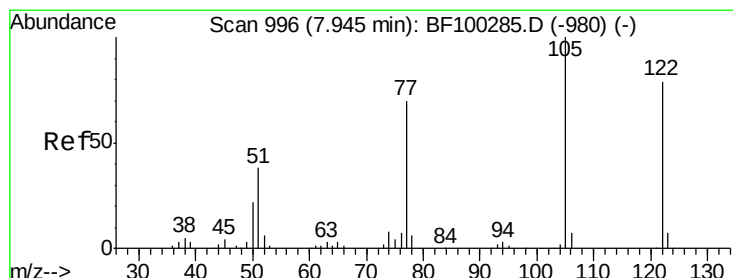
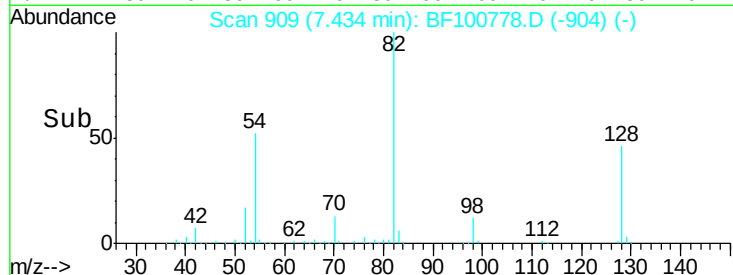
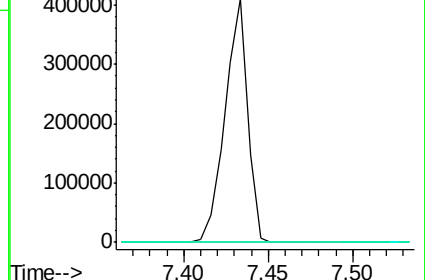
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 11.01 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

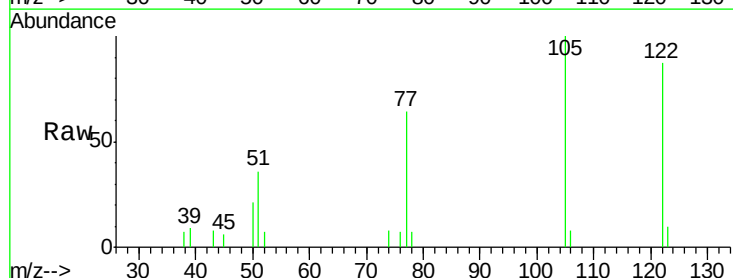
Tgt Ion: 122 Resp: 6842

Ion Ratio Lower Upper

122 100

105 115.1 101.1 141.1

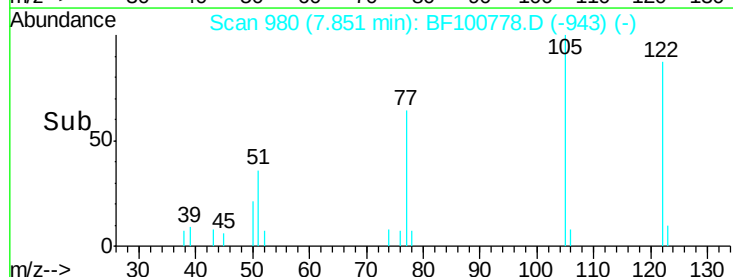
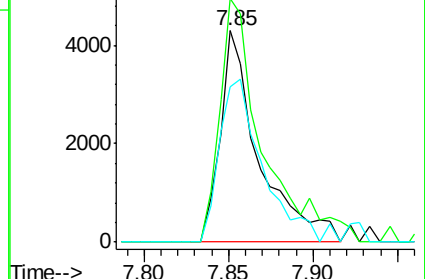
77 73.5 70.7 110.7

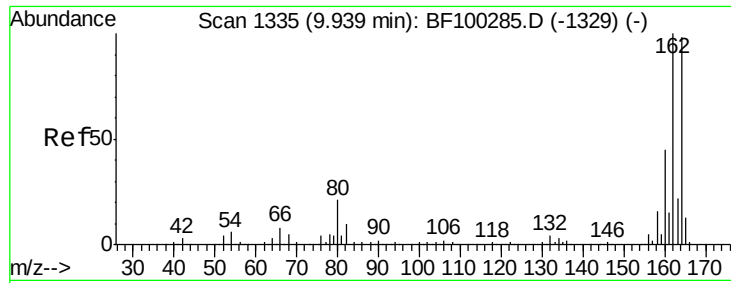


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

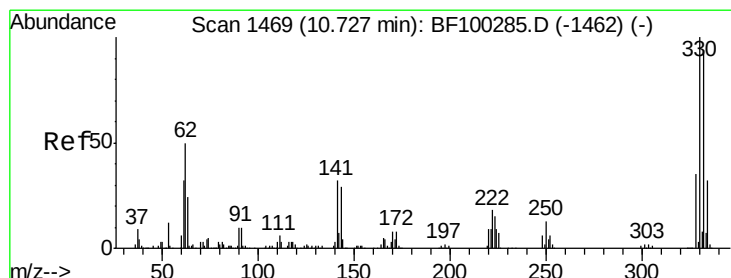
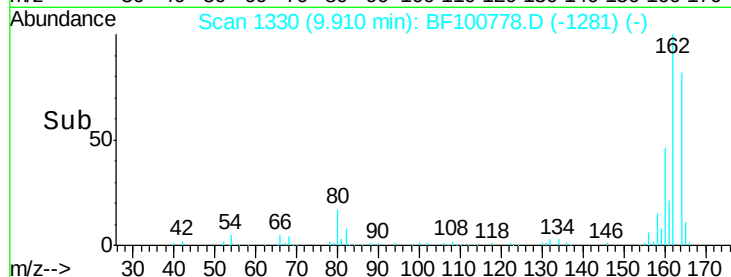
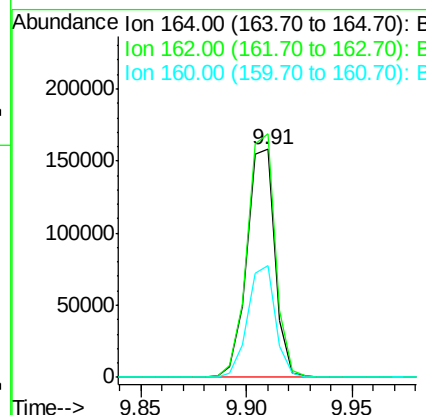
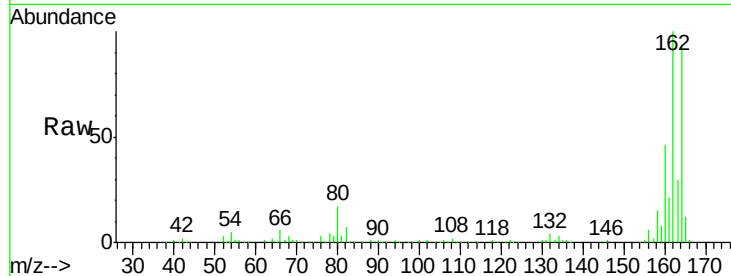




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

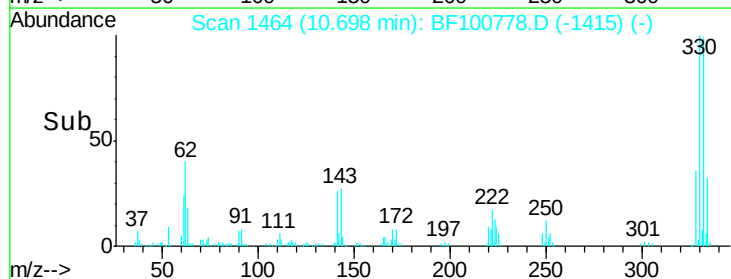
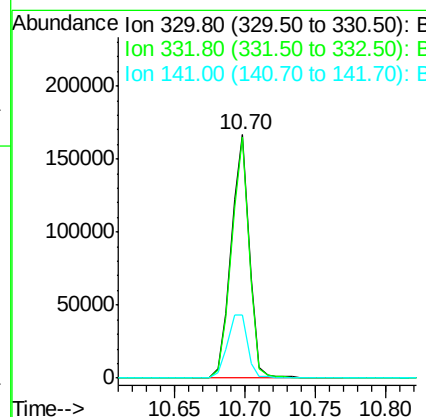
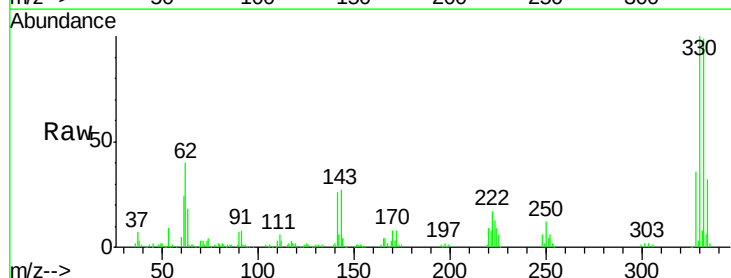
Instrument :
 BNA_F
 ClientSampleId :

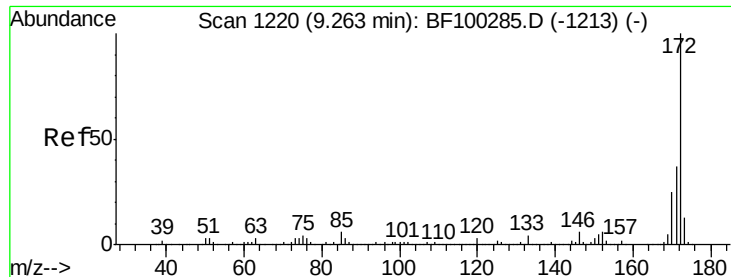
Tot Ion:164 Resp: 145709
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 48.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 100.26 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Tgt Ion:330 Resp: 148862
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 29.0 29.9 44.9#

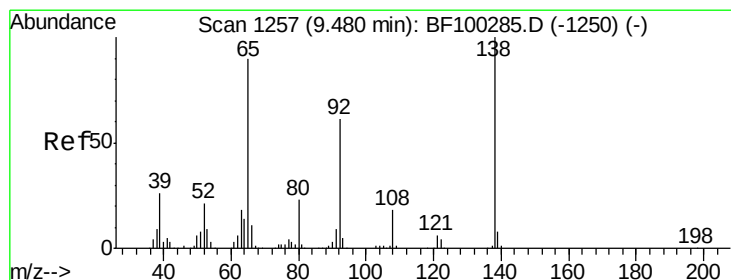
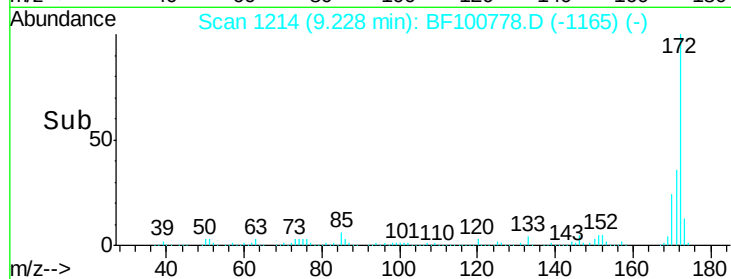
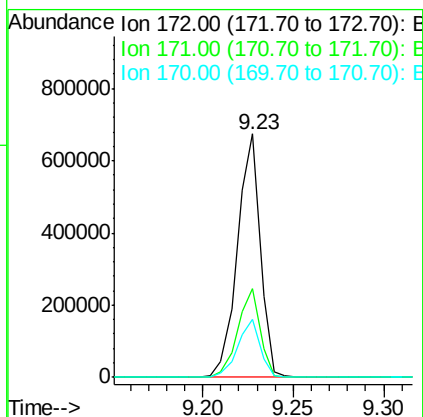
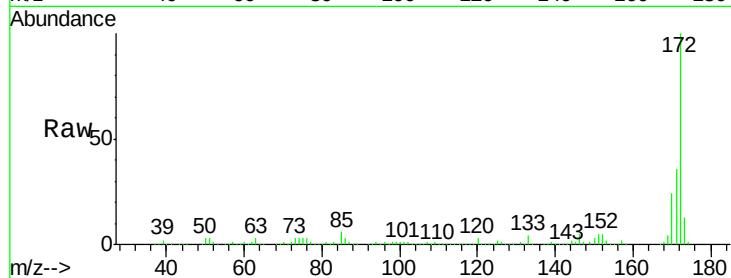




#44
2-Fluorobiphenyl
Concen: 61.99 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

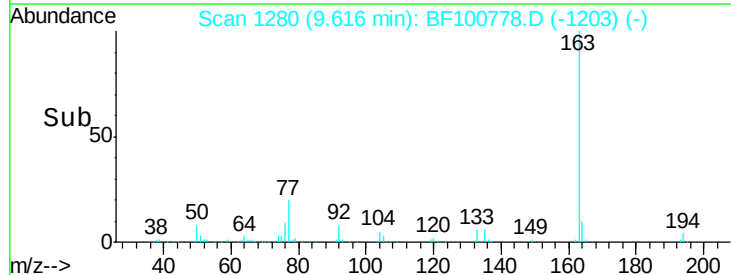
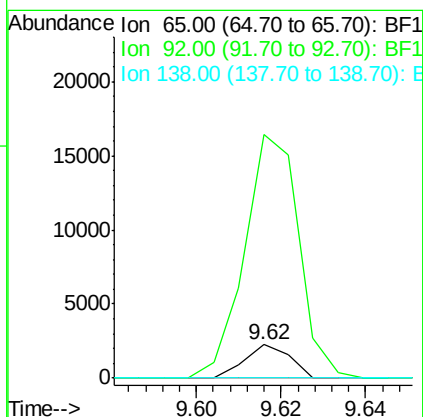
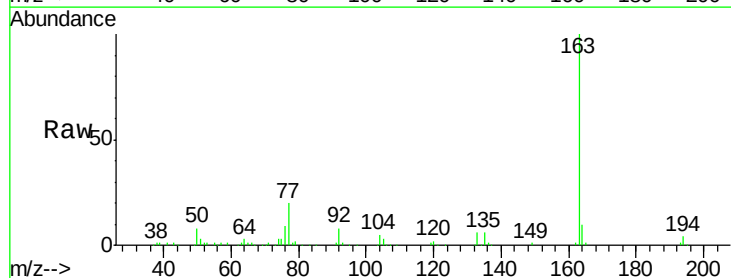
Instrument :
BNA_F
ClientSampleId :

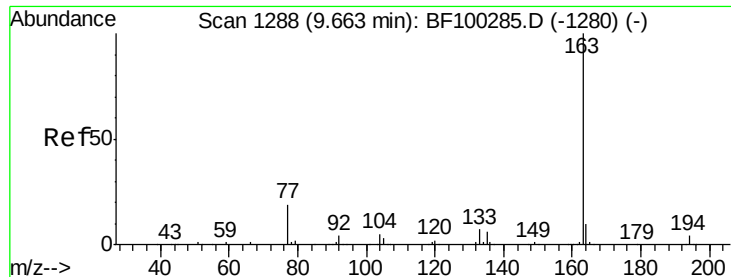
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4



#47
2-Nitroaniline
Concen: 3.36 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	736.5	55.8	83.6#
138	0.0	91.2	136.8#

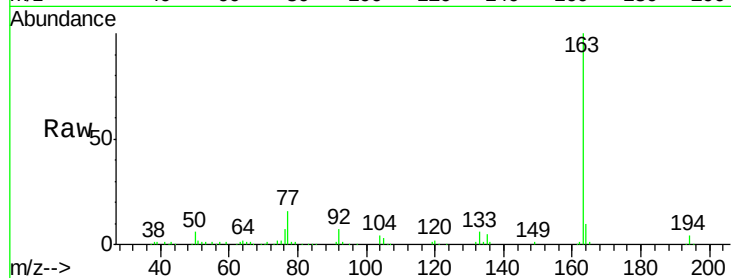




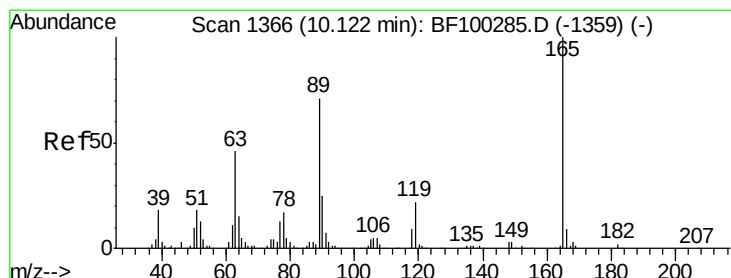
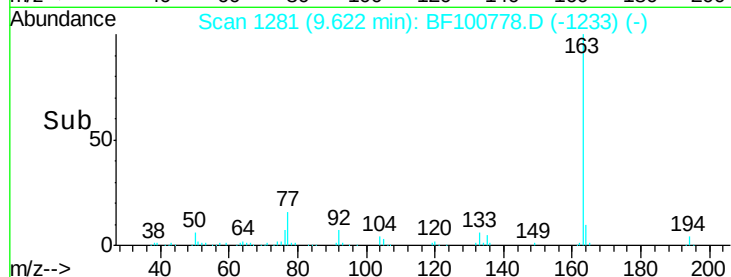
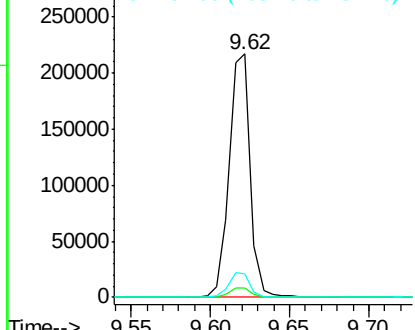
#49
Dimethylphthalate
Concen: 17.93 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	9.7	8.2	12.2

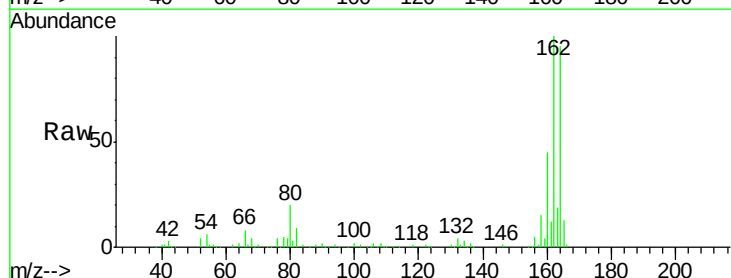


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

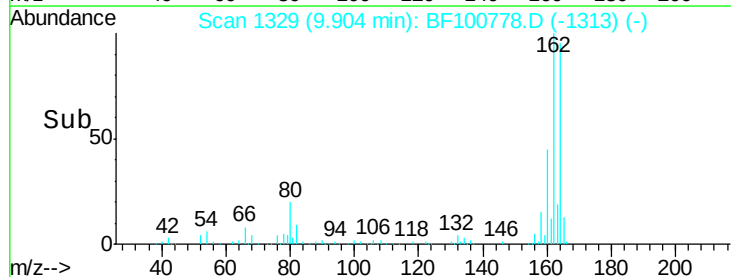
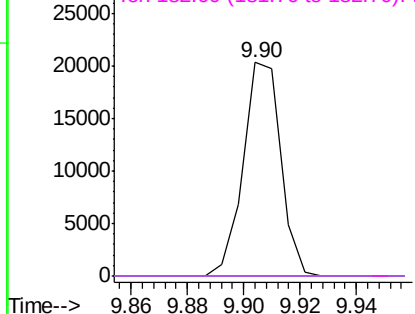


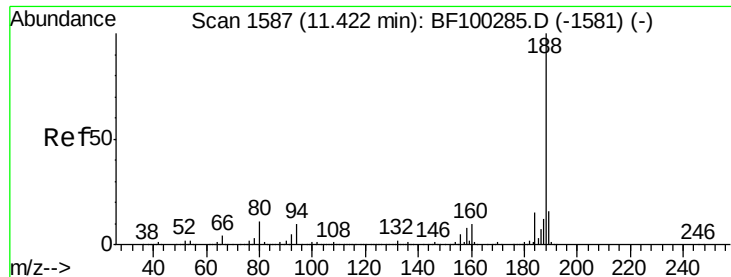
#56
2,4-Dinitrotoluene
Concen: 6.77 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

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#



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: 20.00 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

Instrument :

BNA_F

ClientSampleId :

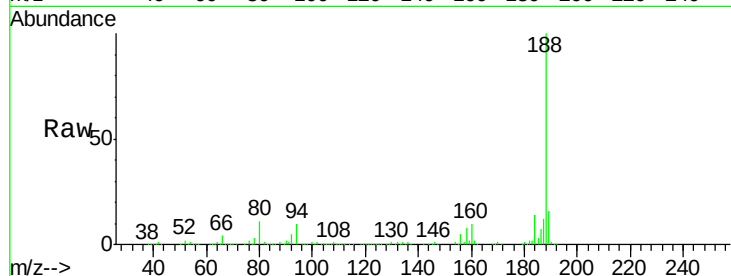
Tot Ion:188 Resp: 285620

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

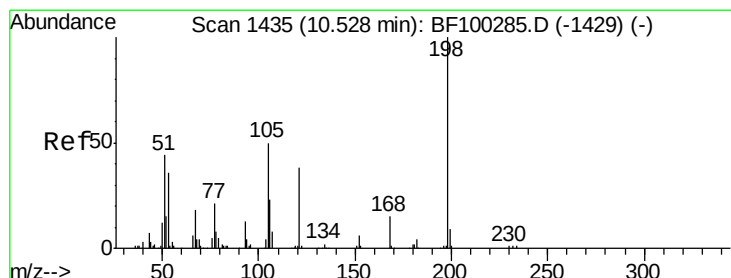
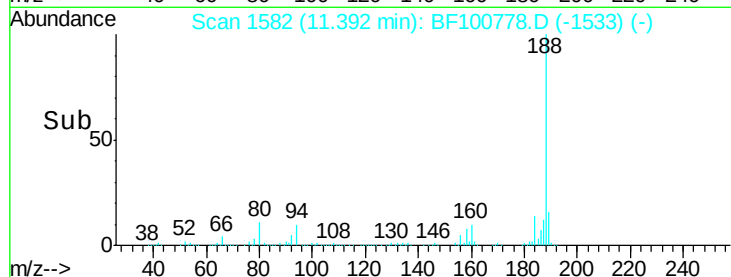
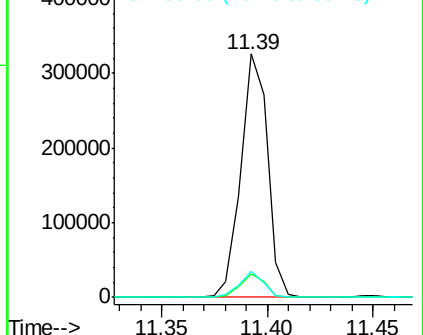
80 10.6 9.2 13.8



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: 8.70 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.18 min

Lab File: BF100778.D

Acq: 21 Nov 2017 14:17

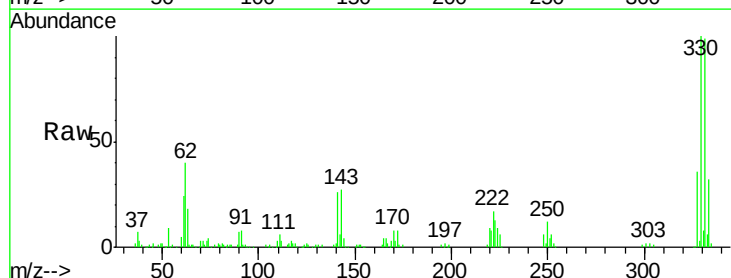
Tgt Ion:198 Resp: 223

Ion Ratio Lower Upper

198 100

51 184.0 37.7 77.7#

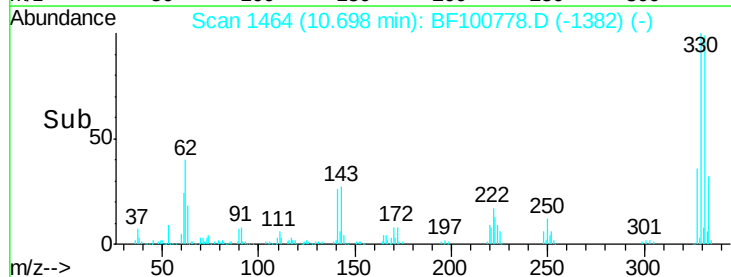
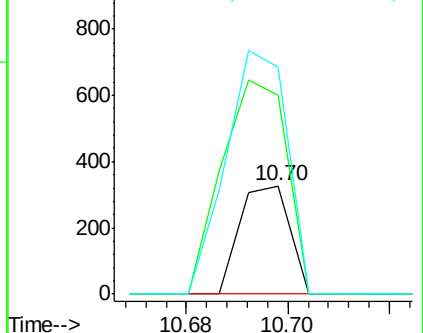
105 210.1 36.3 76.3#

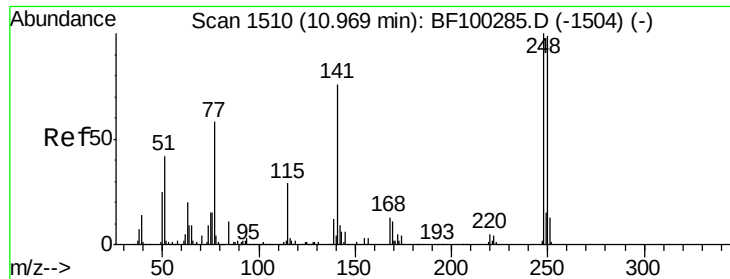


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

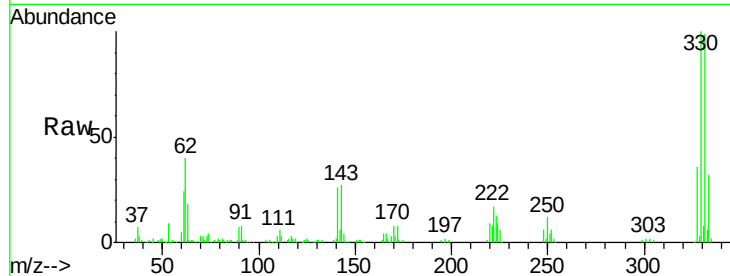




#66
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	199.3	76.9	115.3#
141	428.8	74.4	111.6#

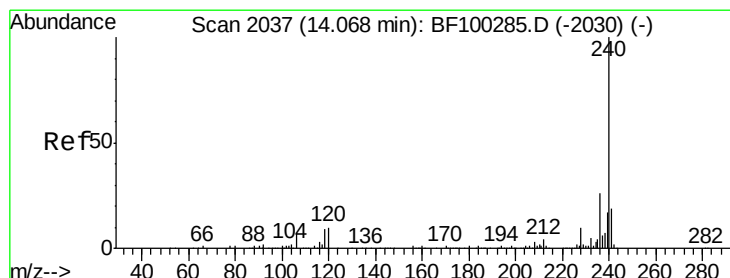
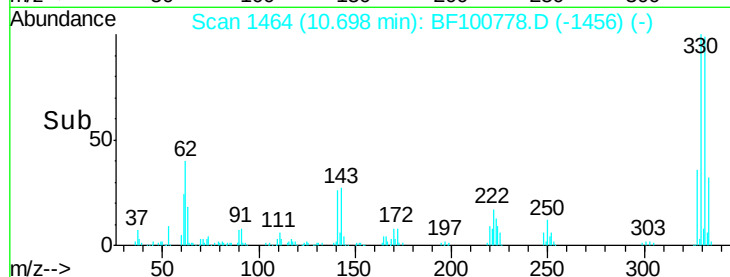
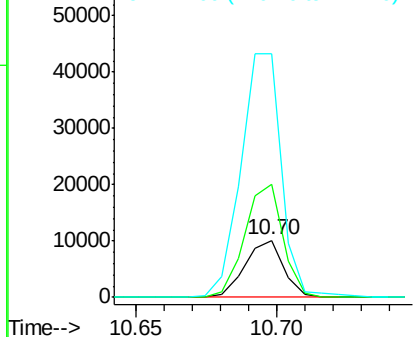


Abundance

Ion 248.00 (247.70 to 248.70): E

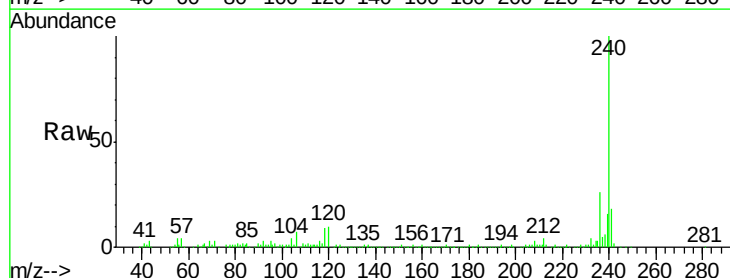
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.7	20.7	31.1

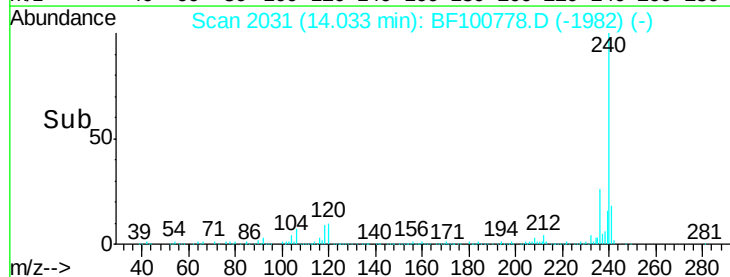
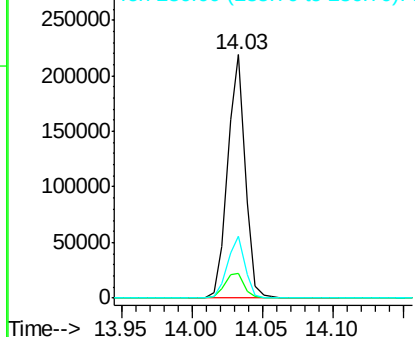


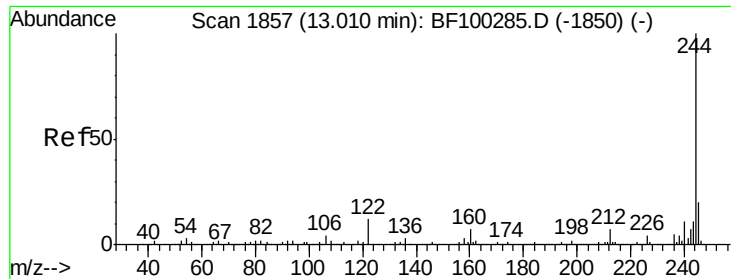
Abundance

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

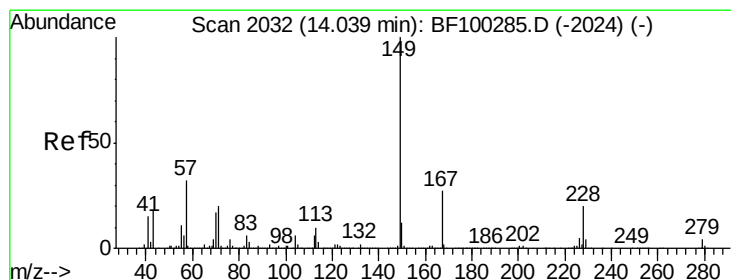
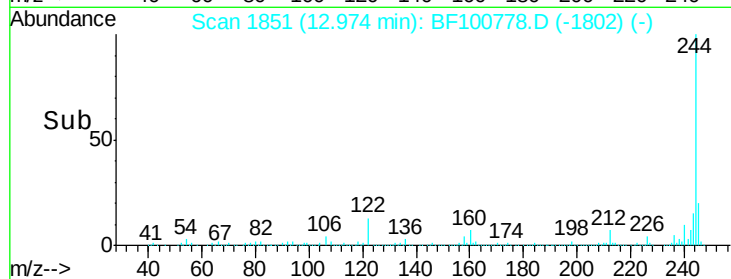
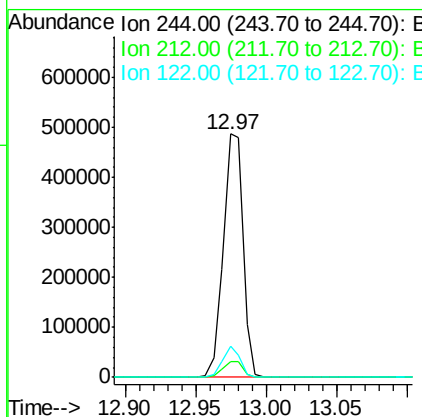
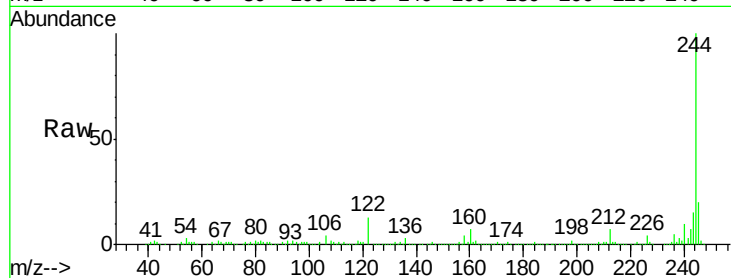




#78
 Terphenyl-d14
 Concen: 57.47 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

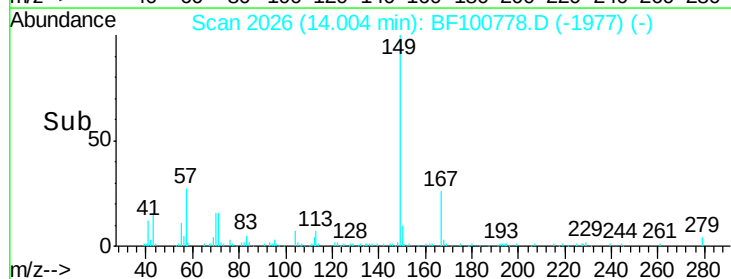
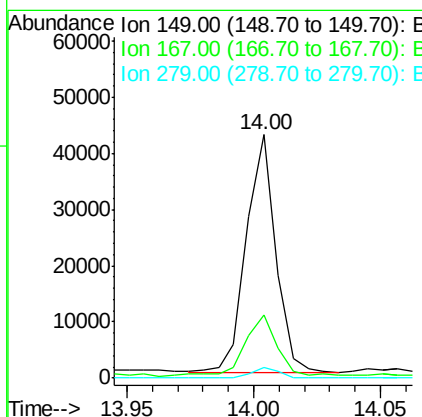
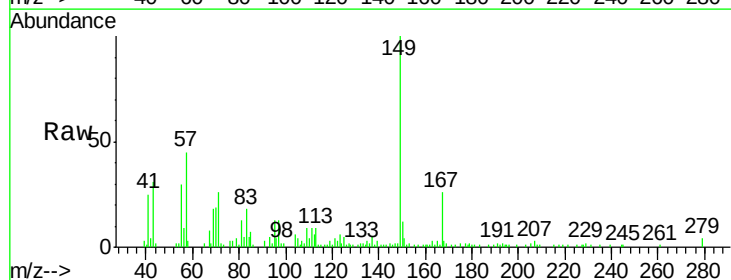
Instrument :
 BNA_F
 ClientSampleId :

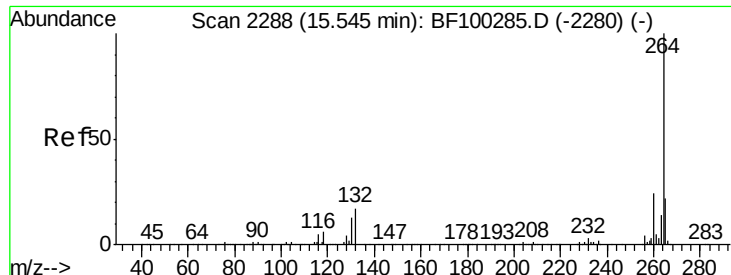
Tot Ion:244 Resp: 473988
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.6 11.0 16.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.70 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Tgt Ion:149 Resp: 34057
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.3 31.9
 279 4.1 3.0 4.4

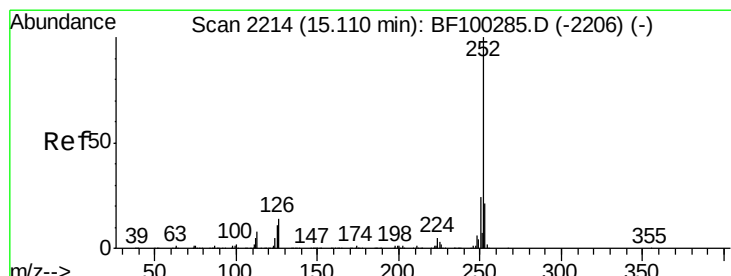
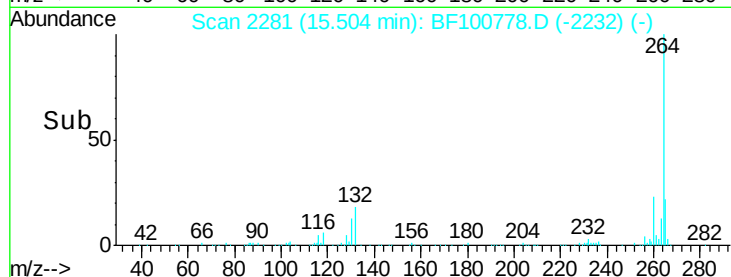
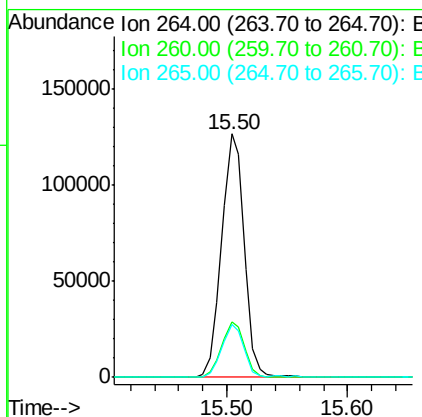
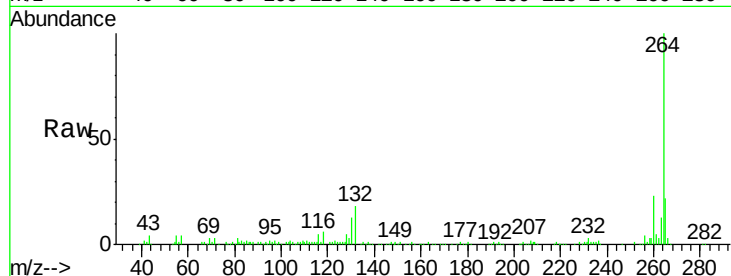




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

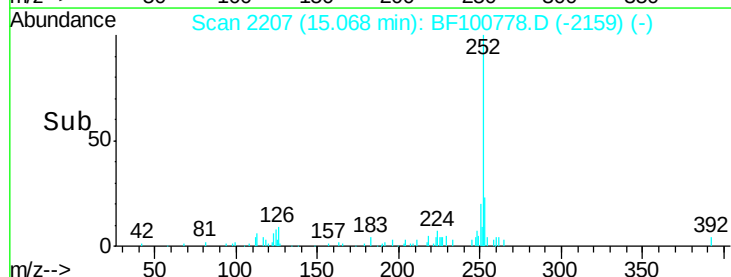
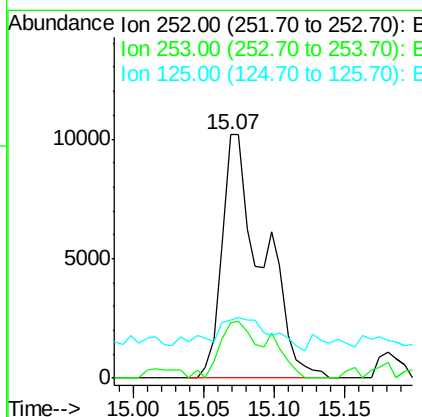
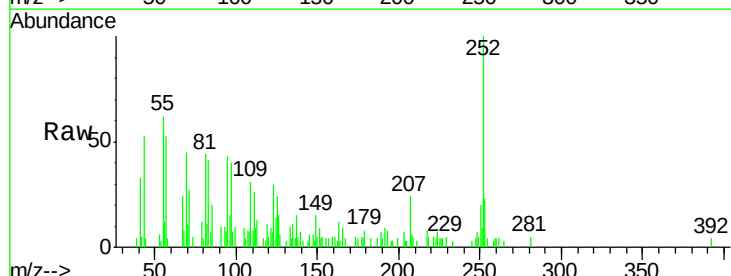
Instrument :
BNA_F
ClientSampleId :

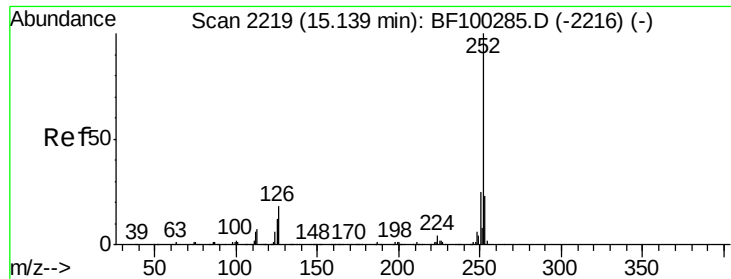
Tot Ion:264 Resp: 163714
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.7 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.11 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100778.D
Acq: 21 Nov 2017 14:17

Tgt Ion:252 Resp: 20422
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 24.0 9.0 13.6#

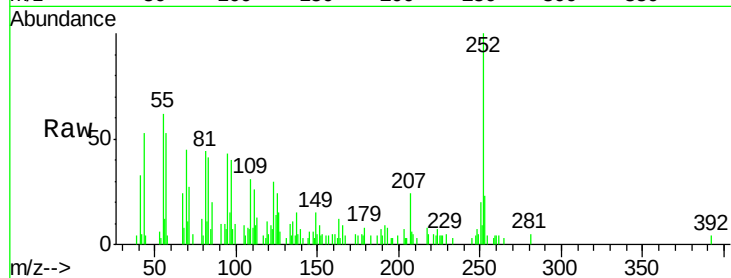




#88
 Benzo(k)fluoranthene
 Concen: 2.23 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. -0.05 min
 Lab File: BF100778.D
 Acq: 21 Nov 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	24.0	10.2	15.2



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

