

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100394.D
 Acq On : 10 Nov 2017 16:41
 Operator : SJ/JU
 Sample : I6368-04 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 21:53:58 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	169259	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	685025	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	313404	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	555459	20.00	ng	0.00
75) Chrysene-d12	14.06	240	367539	20.00	ng	0.00
86) Perylene-d12	15.54	264	370871	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	66104	6.26	ng	-0.01
7) Phenol-d6	6.51	99	243782	18.72	ng	-0.02
23) Nitrobenzene-d5	7.46	82	162228	15.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	8384	2.63	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	310441	15.08	ng	-0.01
78) Terphenyl-d14	13.00	244	238053	14.88	ng	0.00

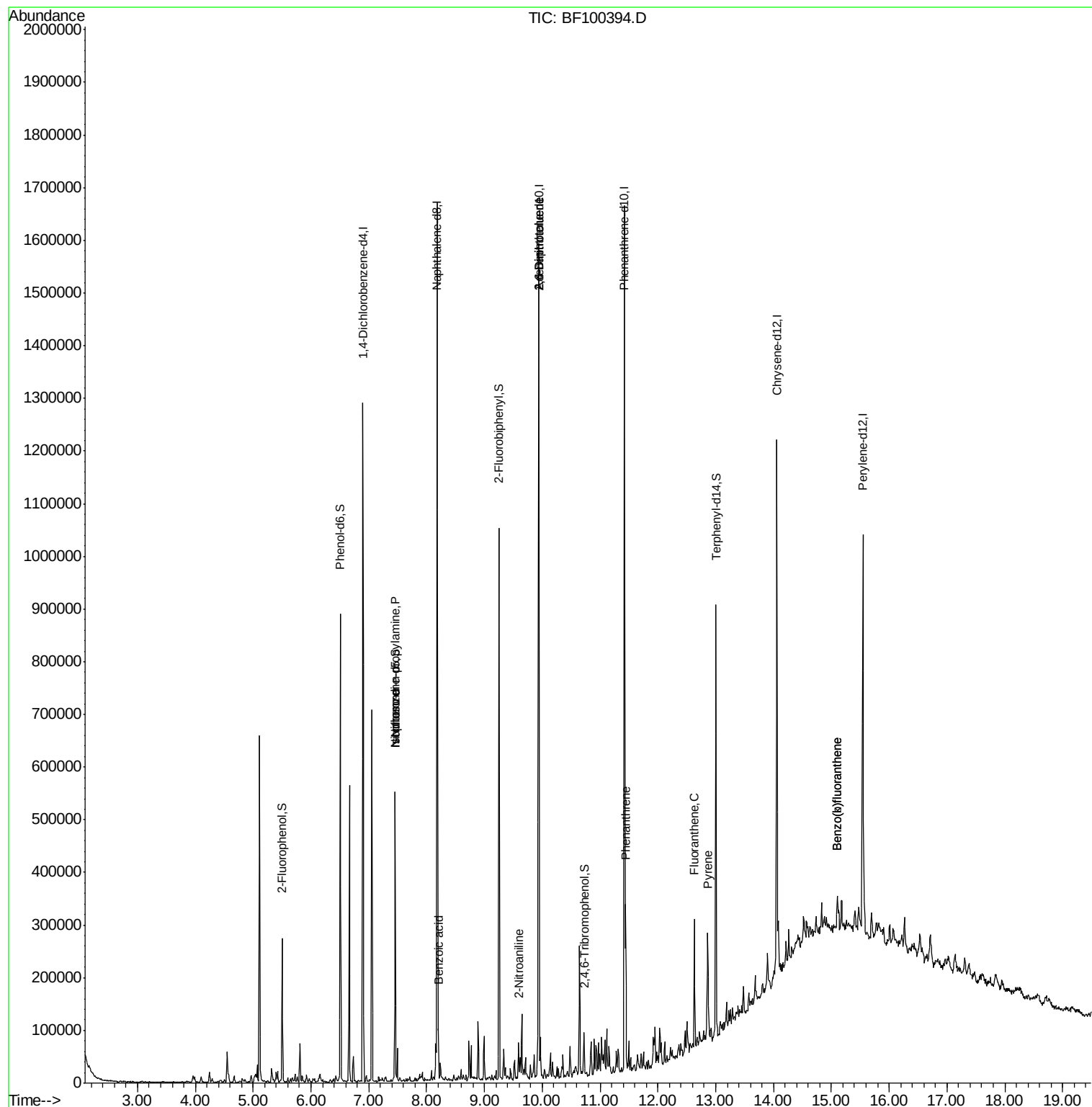
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	21256	2.354	ng	# 81
25) Isophorone	7.46	82	162096	7.445	ng	# 64
32) Benzoic acid	8.20	122	164	9.388	ng	# 1
47) 2-Nitroaniline	9.59	65	108	2.801	ng	# 2
50) 2,6-Dinitrotoluene	9.94	165	41900	8.846	ng	# 26
56) 2,4-Dinitrotoluene	9.94	165	41900	7.012	ng	# 23
70) Phenanthrene	11.45	178	98520	3.369	ng	99
74) Fluoranthene	12.63	202	87795	2.833	ng	98
77) Pyrene	12.86	202	79224	3.024	ng	97
87) Benzo(b)fluoranthene	15.10	252	48014	2.185	ng	# 84
88) Benzo(k)fluoranthene	15.10	252	48014	2.313	ng	# 87

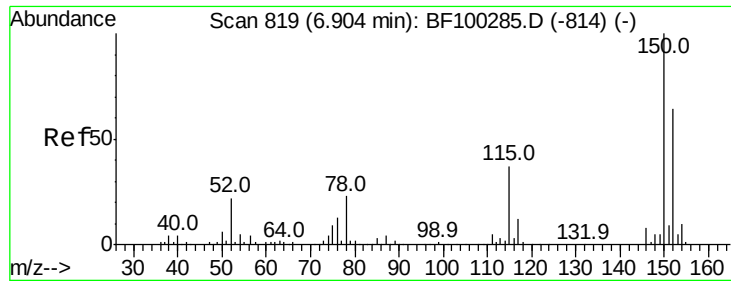
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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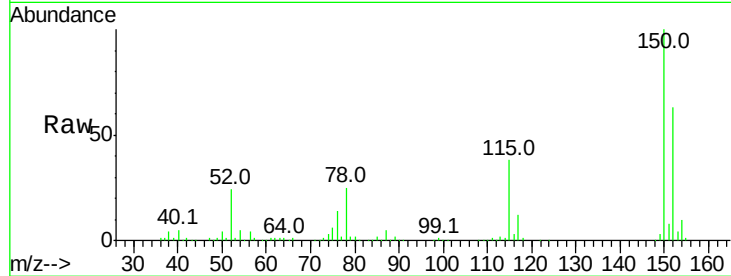


#1

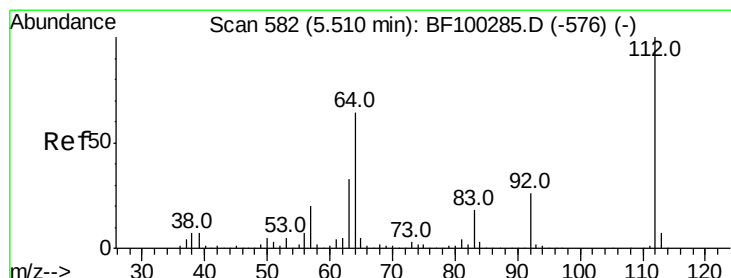
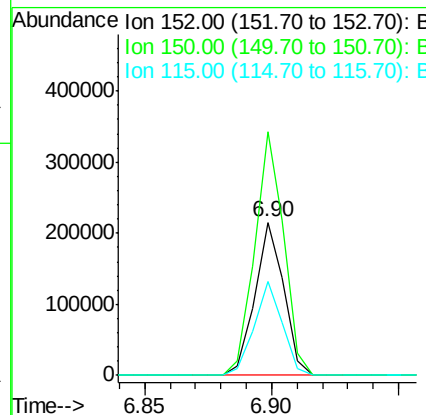
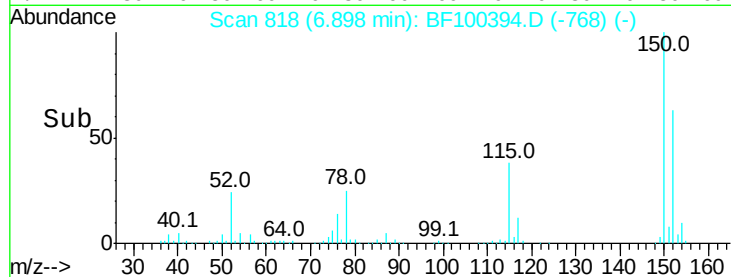
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 169259
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 61.2 50.1 75.1



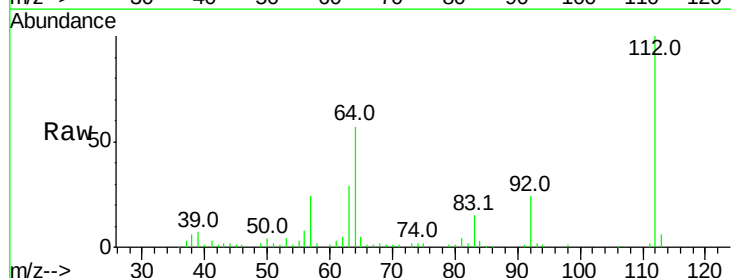
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



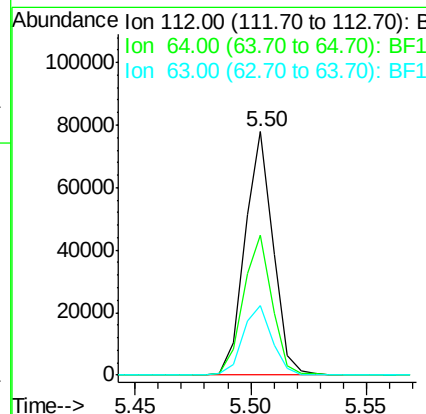
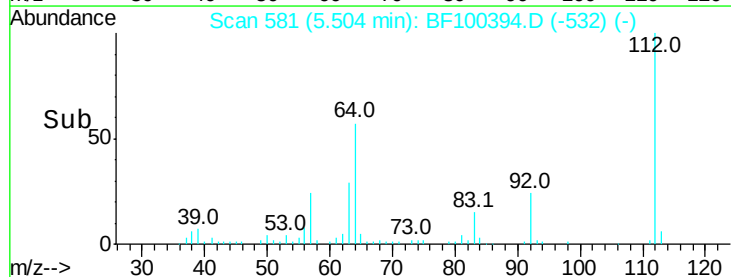
#5

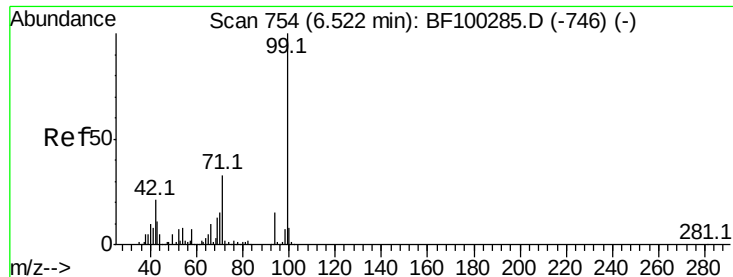
2-Fluorophenol
Concen: 6.260 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Tgt Ion:112 Resp: 66104
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 28.7 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





#7

Phenol-d6

Concen: 18.723 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

ClientSampleId :

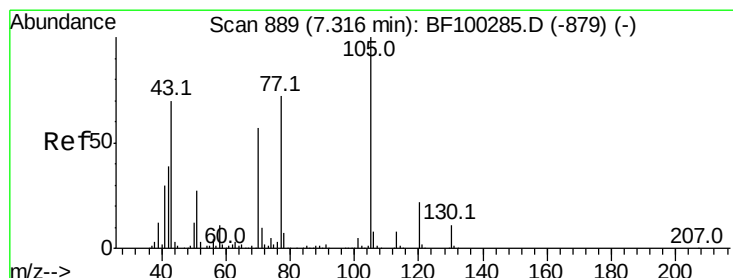
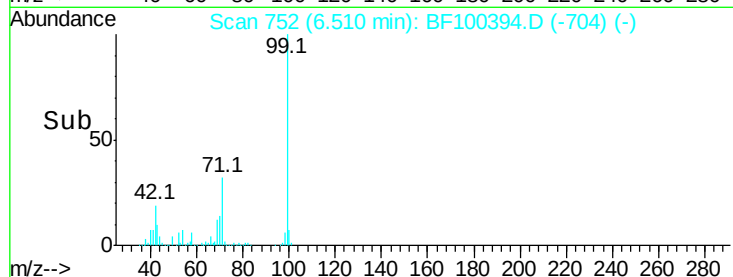
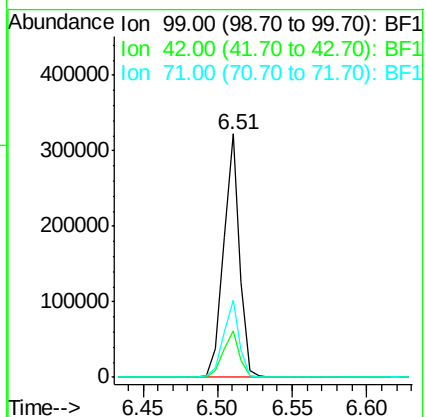
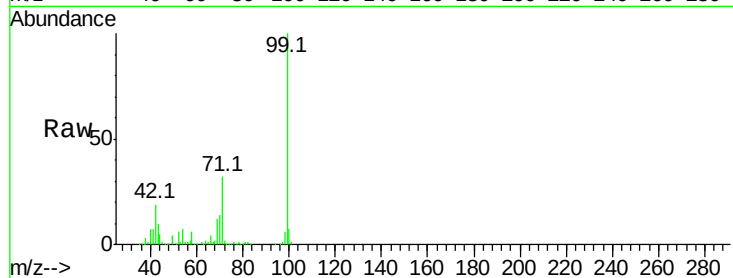
Tot Ion: 99 Resp: 243782

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 31.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.354 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.14 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Tgt Ion: 70 Resp: 21256

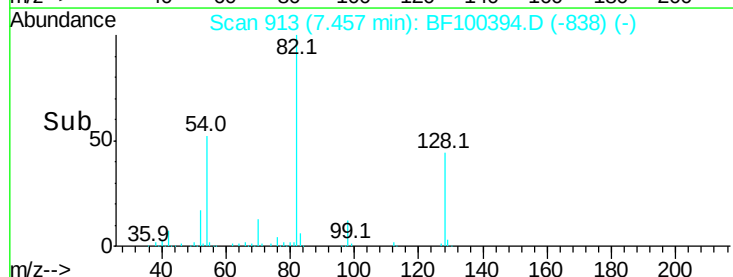
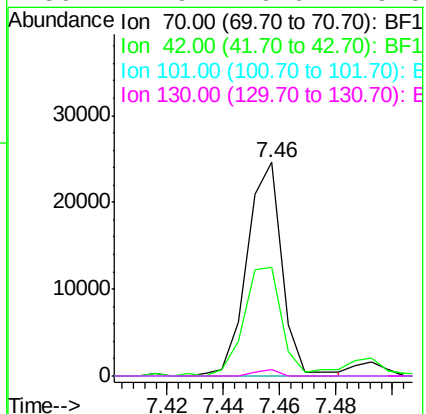
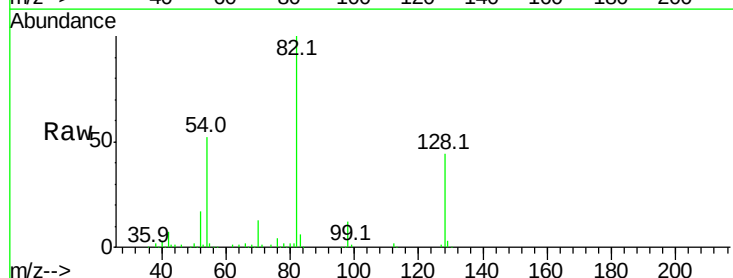
Ion Ratio Lower Upper

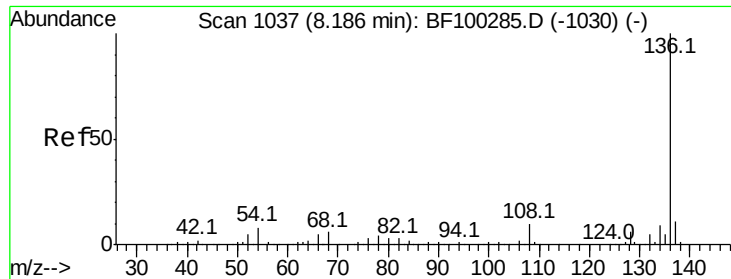
70 100

42 50.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#

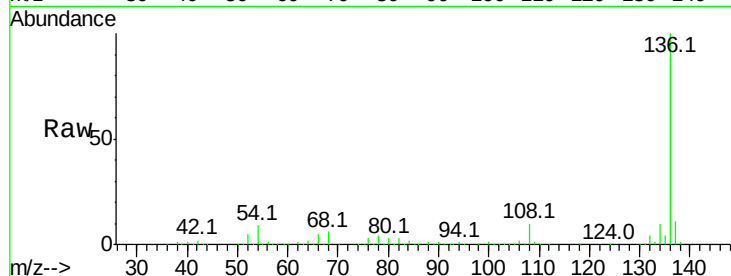




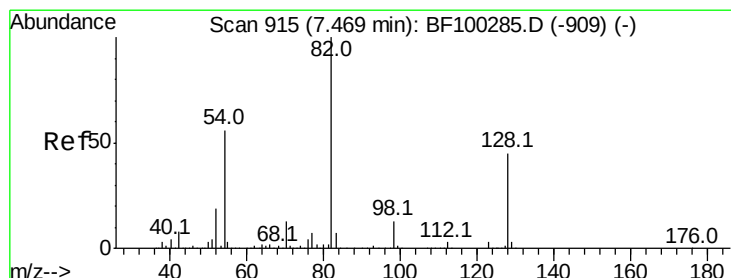
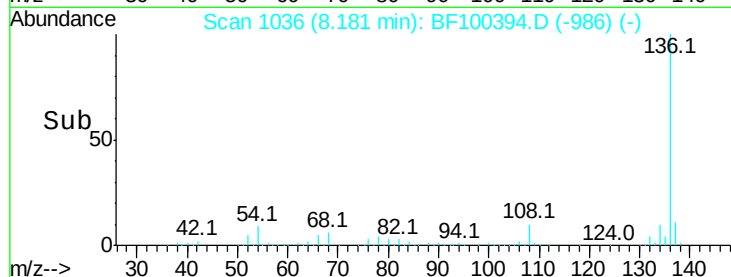
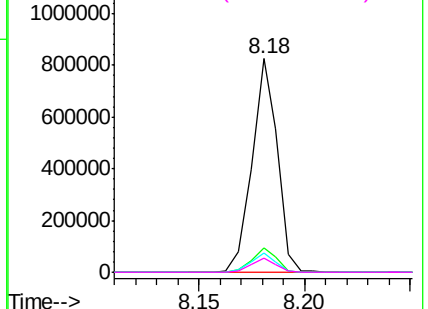
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 685025
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 8.8	6.6 9.8
68 6.3	5.0 7.4

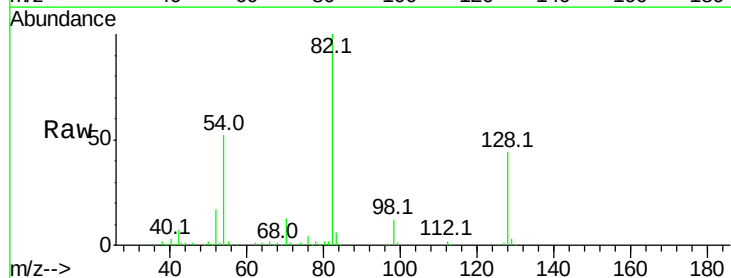


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

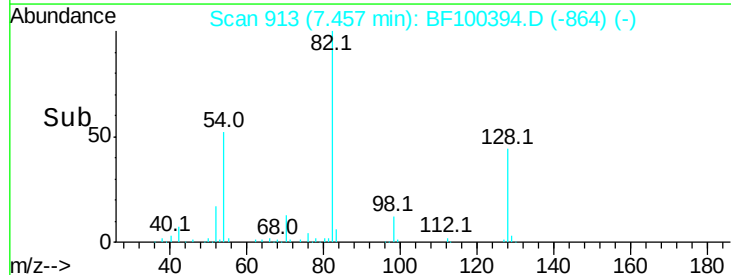
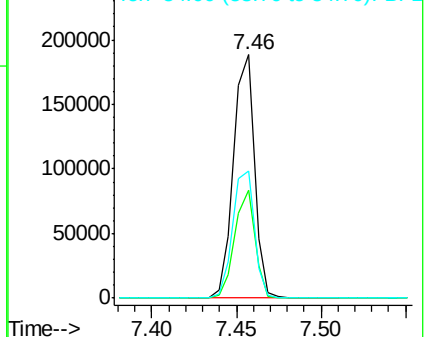


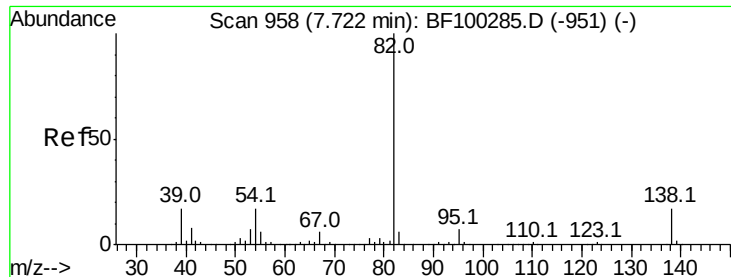
#23
Nitrobenzene-d5
Concen: 15.657 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Tgt Ion	82	Resp: Lower	162228 Upper
	Ratio 100		
128	44.3	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: 7.445 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.27 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

ClientSampled :

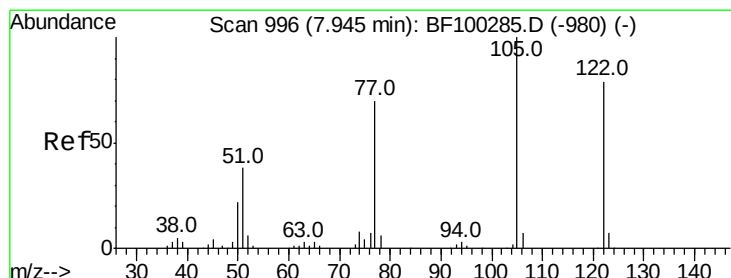
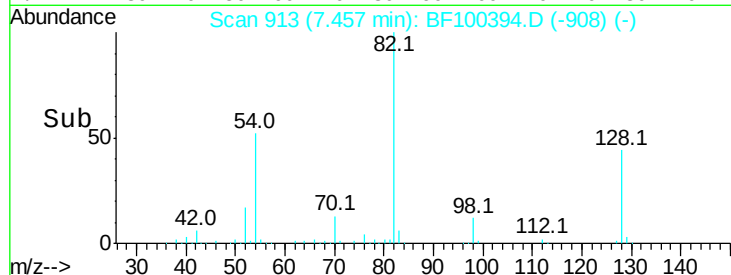
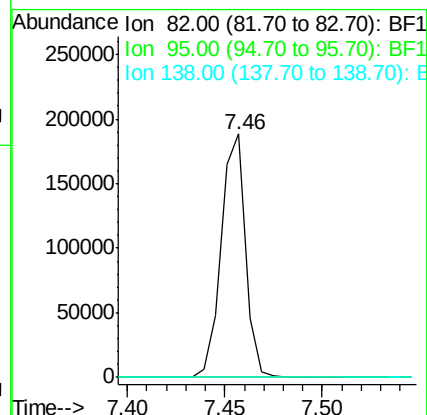
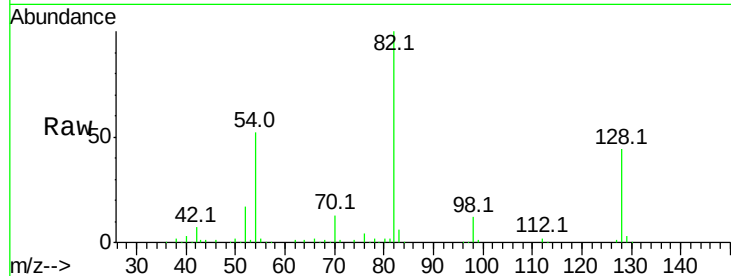
Tot Ion: 82 Resp: 162096

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#32

Benzoic acid

Concen: 9.388 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.25 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

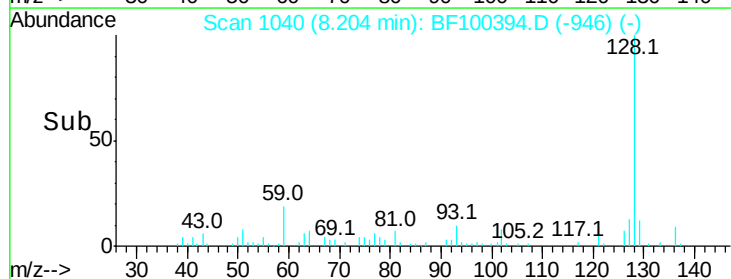
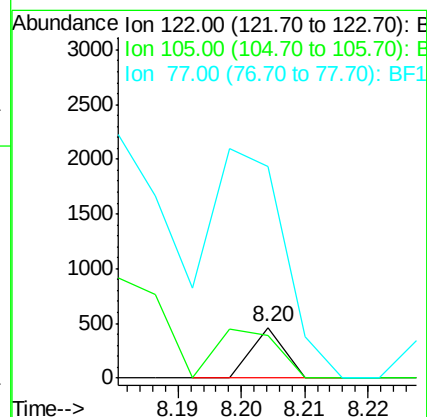
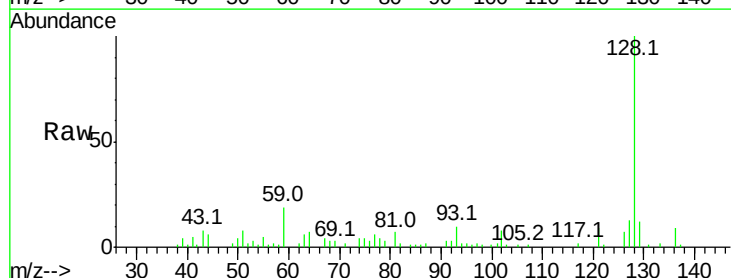
Tgt Ion: 122 Resp: 164

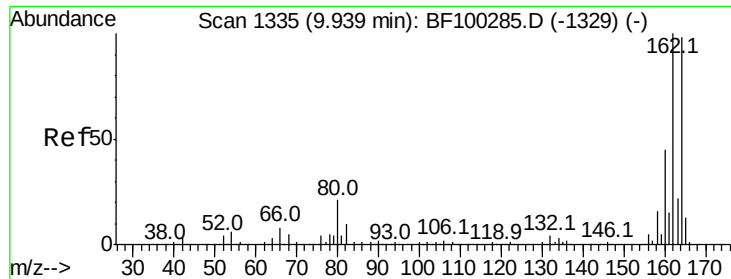
Ion Ratio Lower Upper

122 100

105 84.1 101.1 141.1#

77 416.8 70.7 110.7#

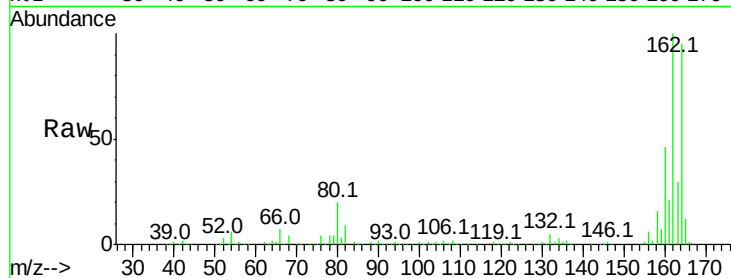




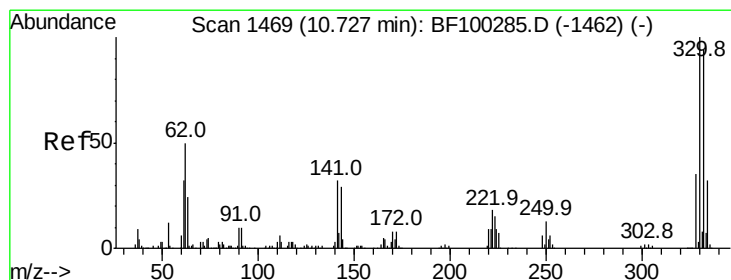
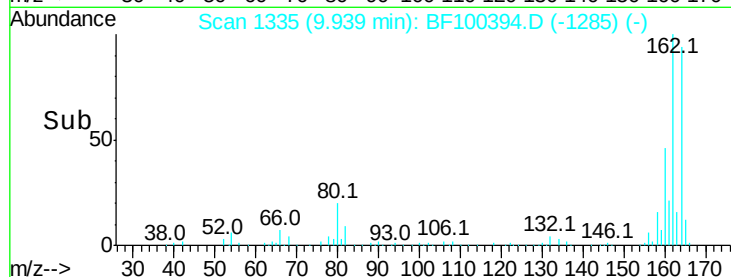
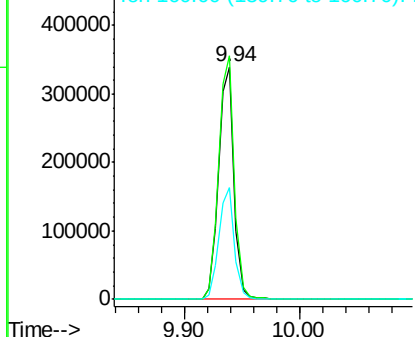
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 313404
 Ion Ratio Lower Upper
 164 100
 162 104.9 86.1 129.1
 160 48.3 38.3 57.5

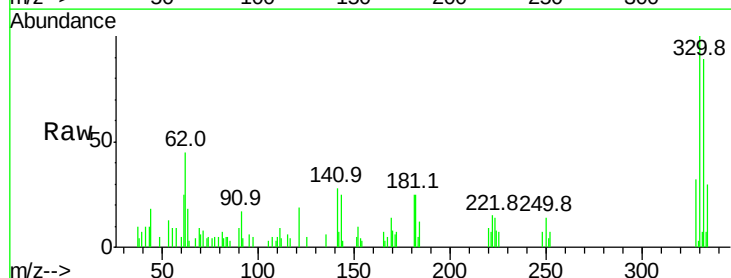


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

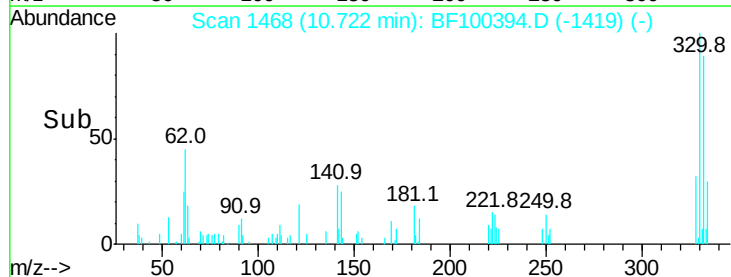
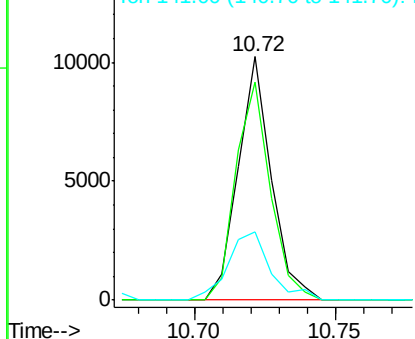


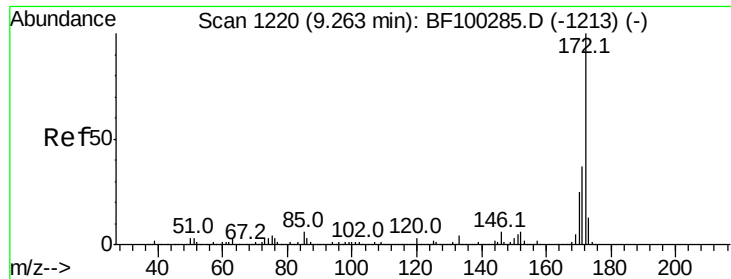
#41
 2,4,6-Tribromophenol
 Concen: 2.625 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Tgt Ion:330 Resp: 8384
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 35.5 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

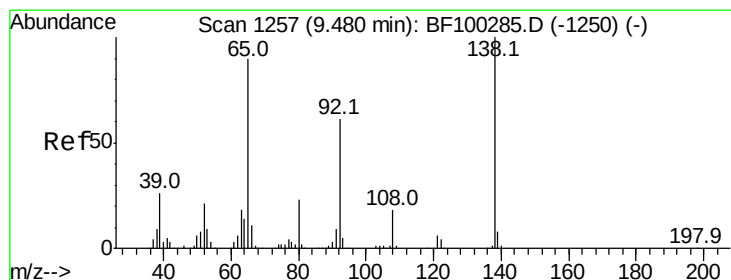
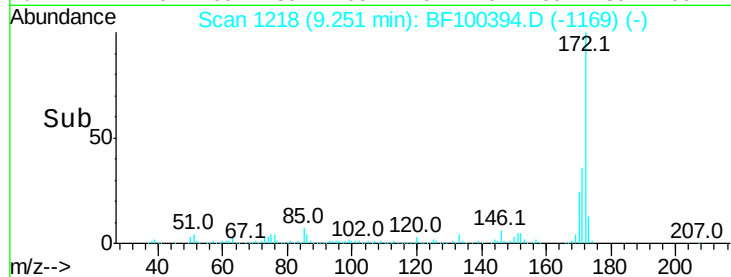
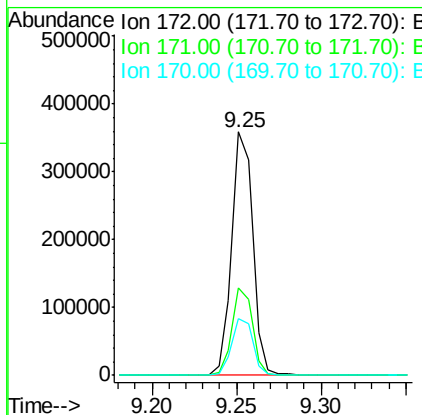
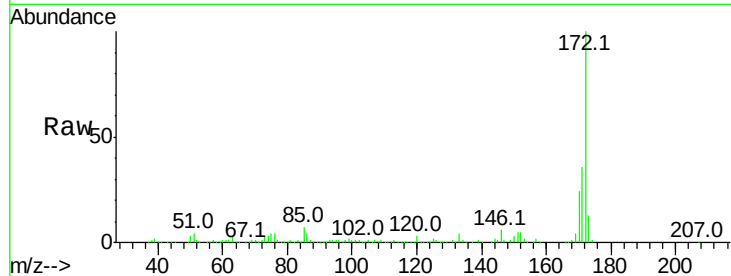




#44
 2-Fluorobiphenyl
 Concen: 15.083 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

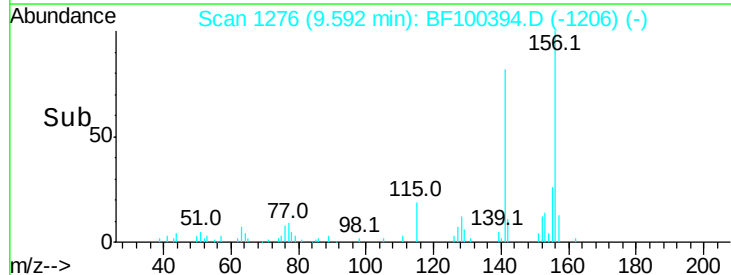
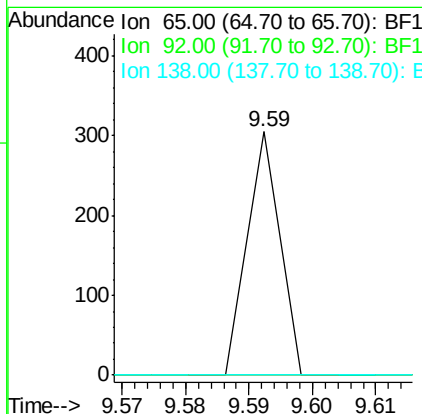
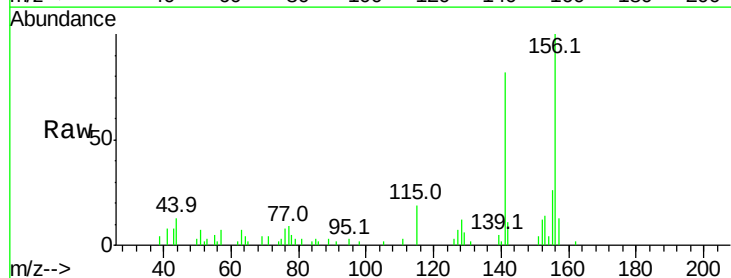
Instrument :
 BNA_F
 ClientSampled :

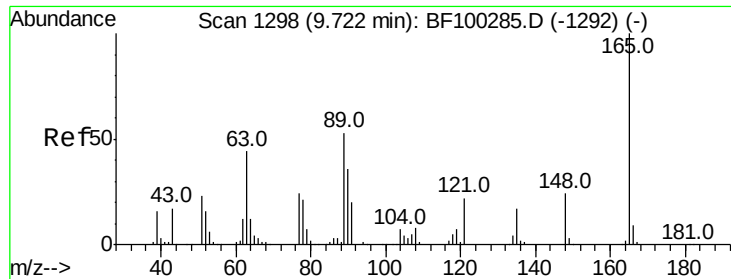
Tot Ion:172 Resp: 310441
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.5 19.6 29.4



#47
 2-Nitroaniline
 Concen: 2.801 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. 0.11 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Tgt Ion: 65 Resp: 108
 Ion Ratio Lower Upper
 65 100
 92 0.0 55.8 83.6#
 138 0.0 91.2 136.8#

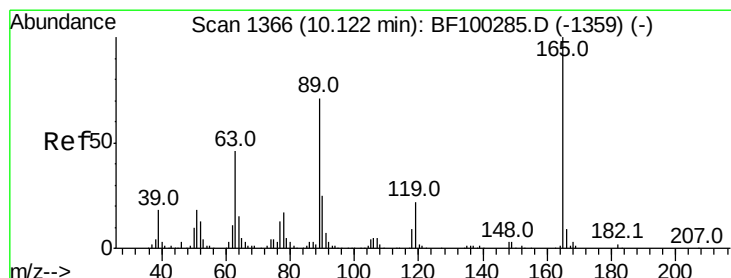
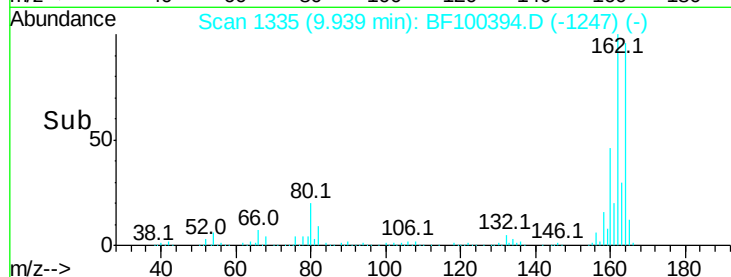
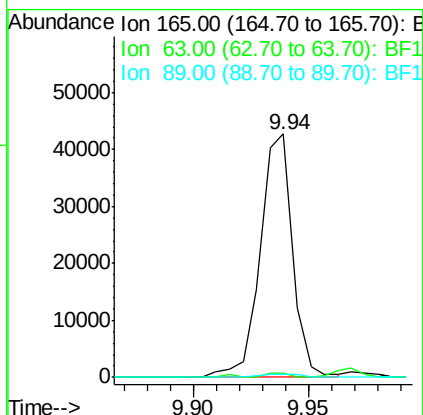
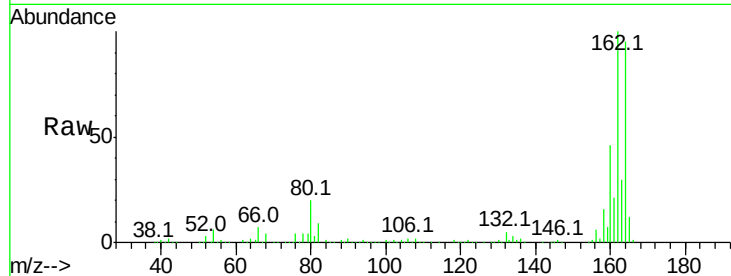




#50
 2,6-Dinitrotoluene
 Concen: 8.846 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.22 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

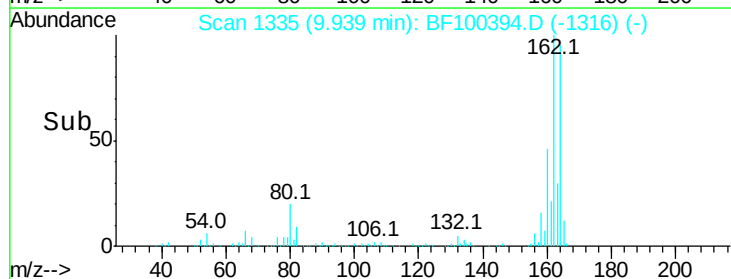
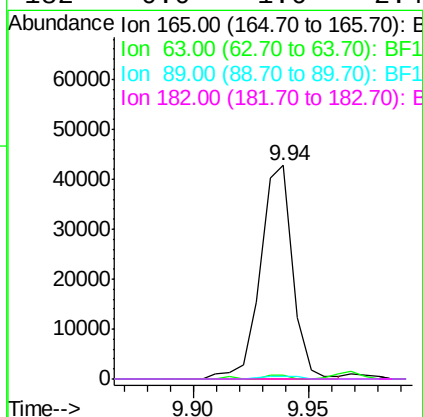
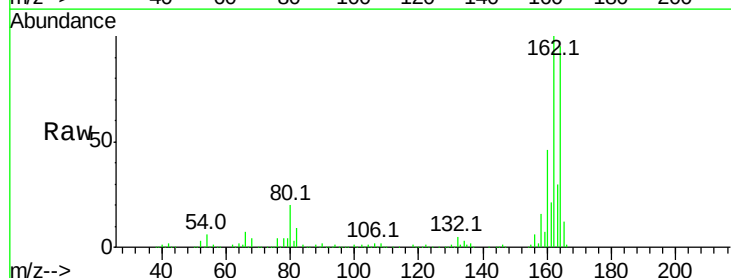
Instrument :
 BNA_F
 ClientSampled :

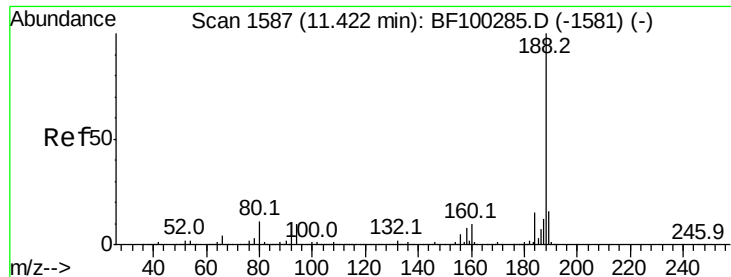
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.012 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.19 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

ClientSampleId :

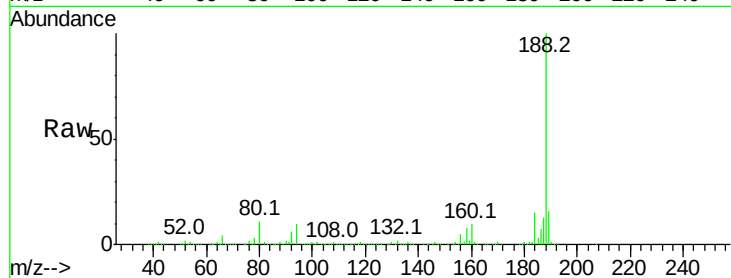
Tot Ion:188 Resp: 555459

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

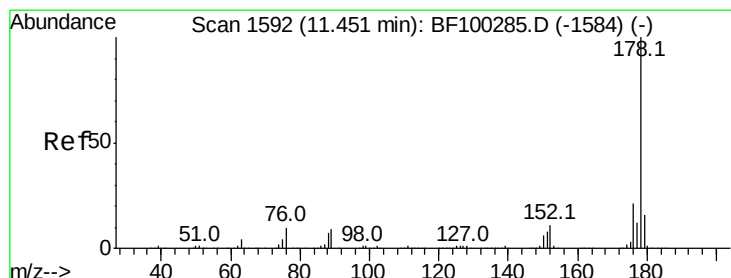
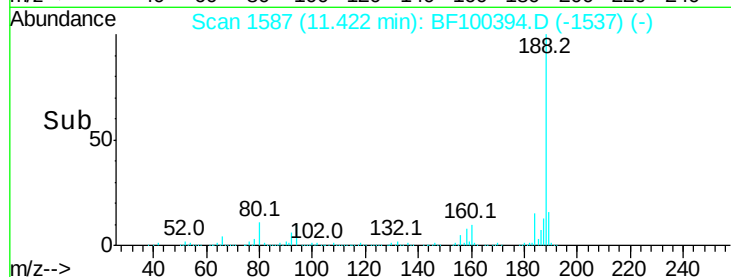
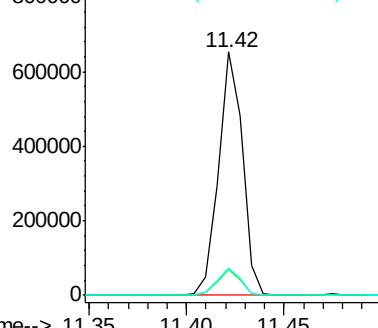
80 11.5 9.2 13.8



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



#70

Phenanthrene

Concen: 3.369 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

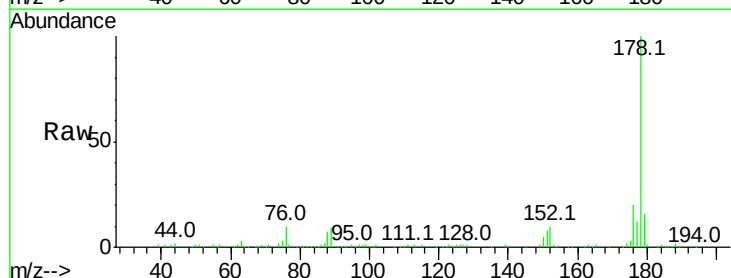
Tgt Ion:178 Resp: 98520

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

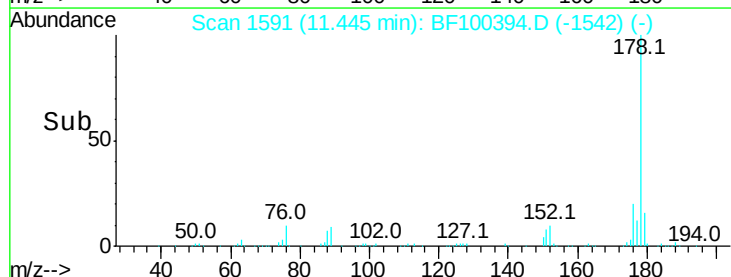
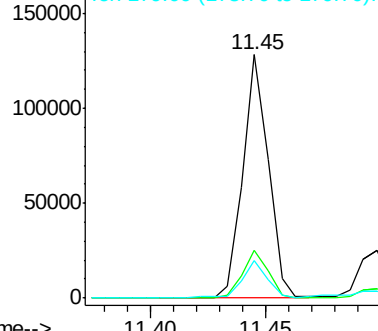
179 15.6 13.0 19.6

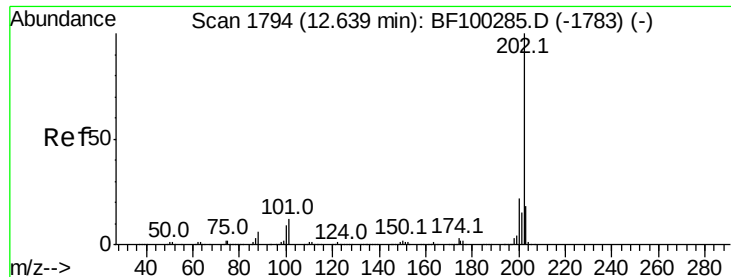


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.833 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

Instrument :

BNA_F

ClientSampleId :

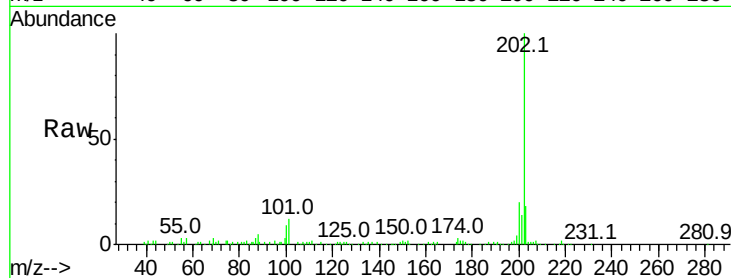
Tot Ion:202 Resp: 87795

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

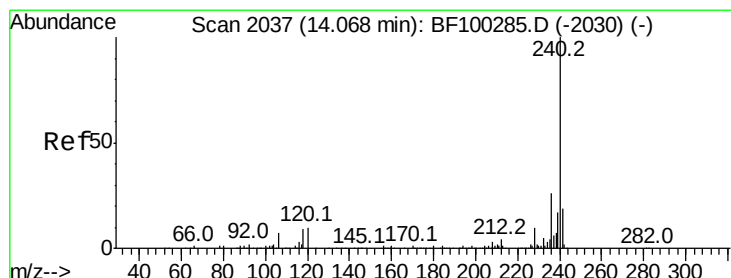
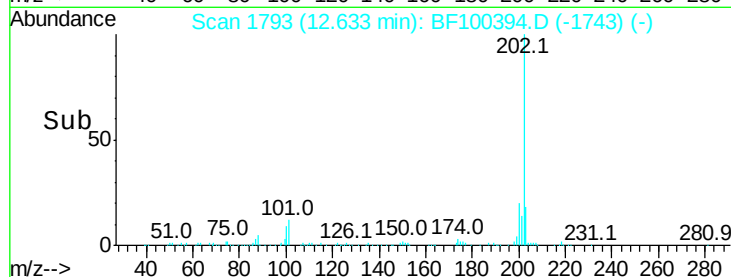
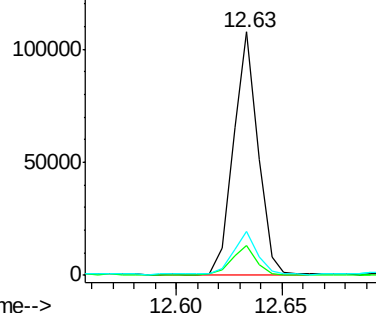
203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100394.D

Acq: 10 Nov 2017 16:41

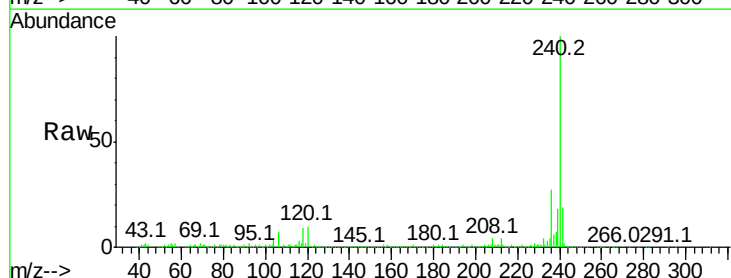
Tgt Ion:240 Resp: 367539

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

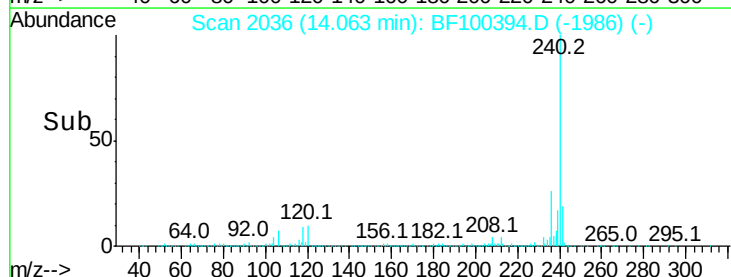
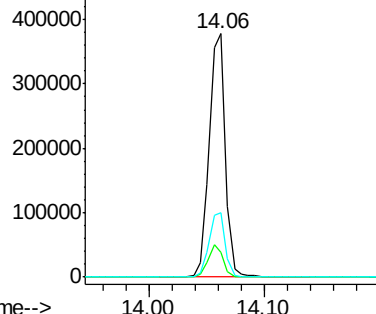
236 26.6 20.7 31.1

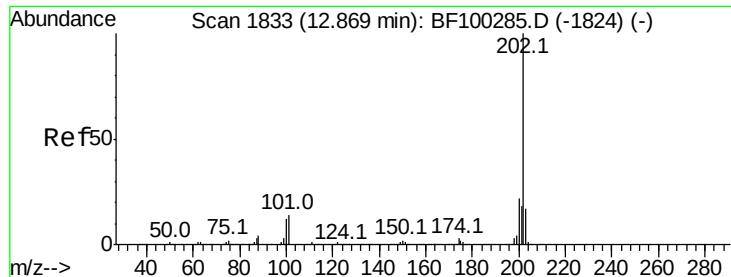


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

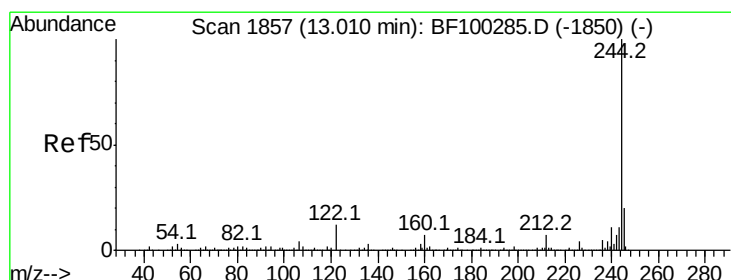
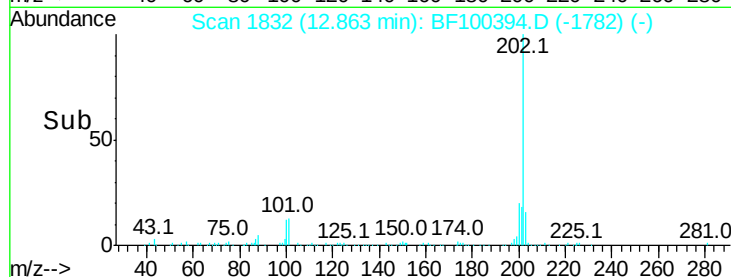
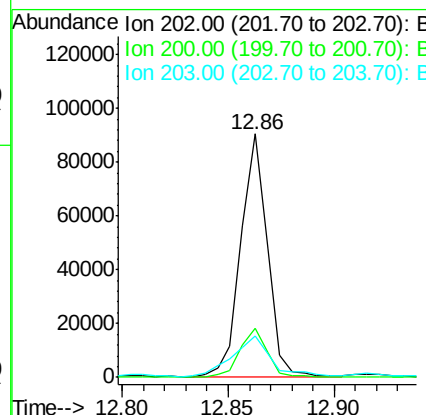
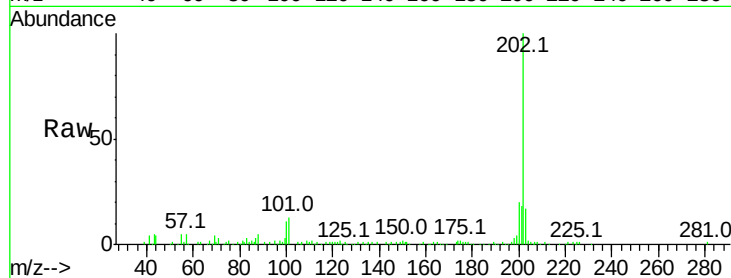




#77
Pvrene
Concen: 3.024 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

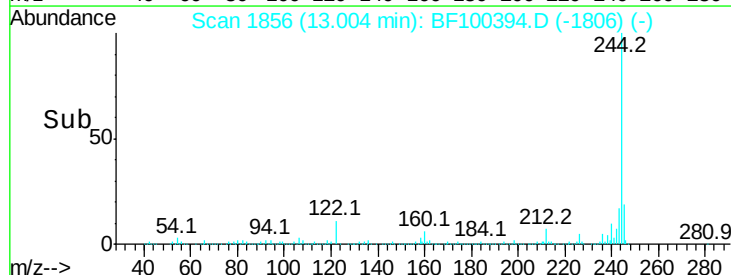
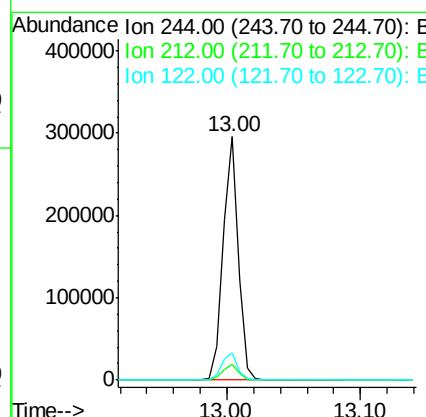
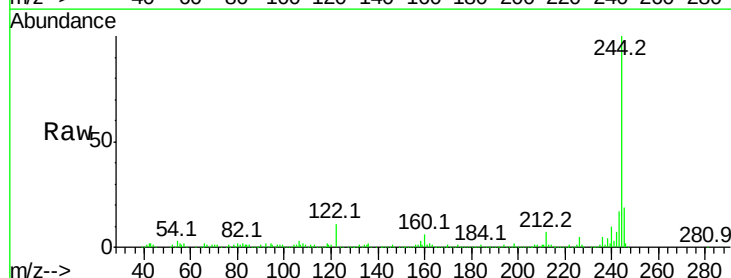
Instrument :
BNA_F
ClientSampleId :

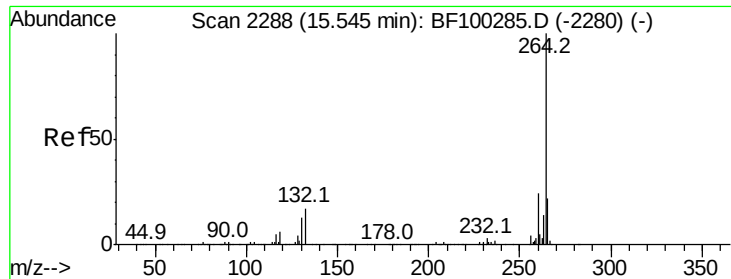
Tot Ion:202 Resp: 79224
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 16.8 14.3 21.5



#78
Terphenyl-d14
Concen: 14.882 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Tgt Ion:244 Resp: 238053
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.1 11.0 16.4

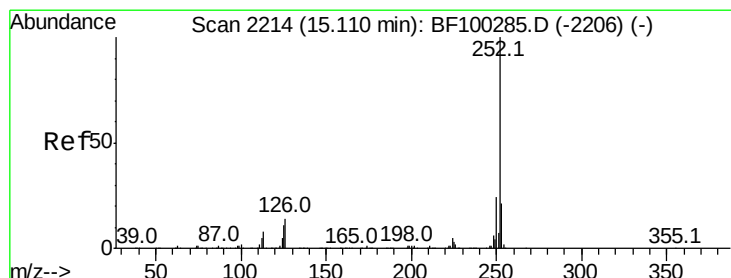
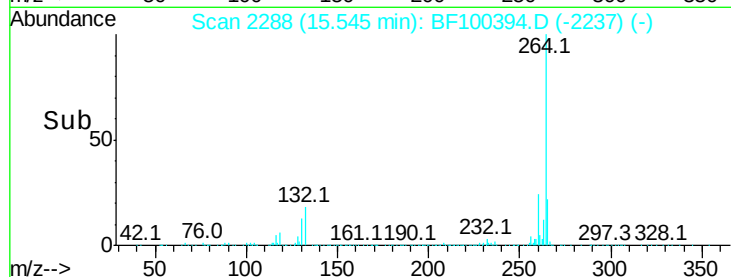
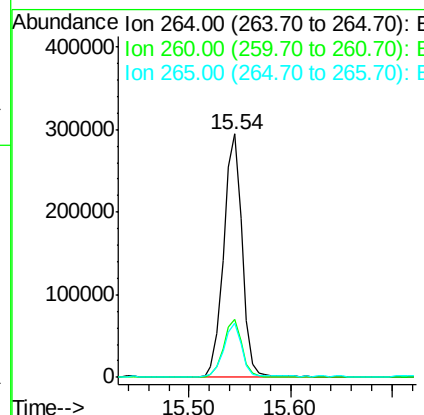
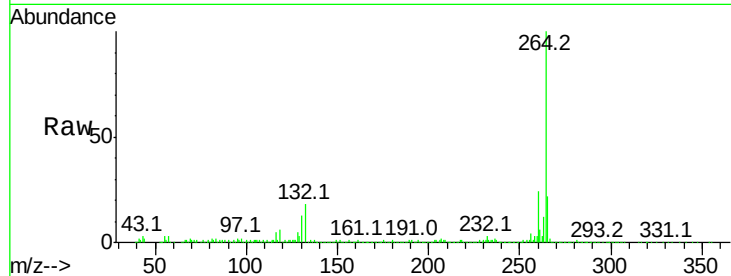




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

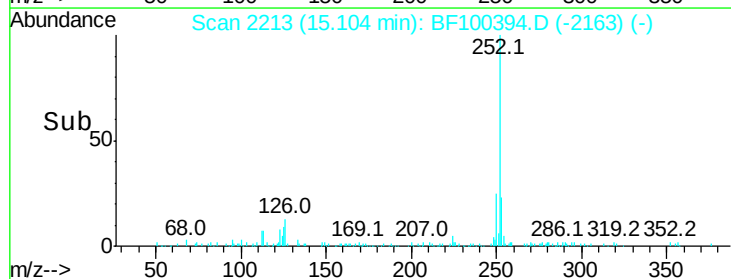
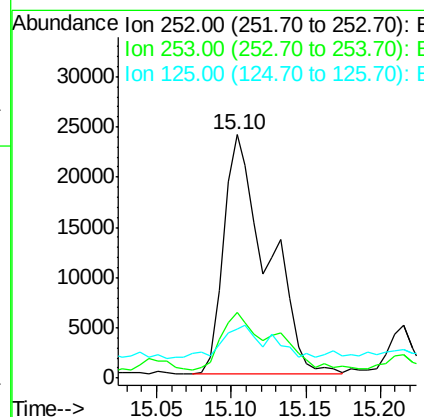
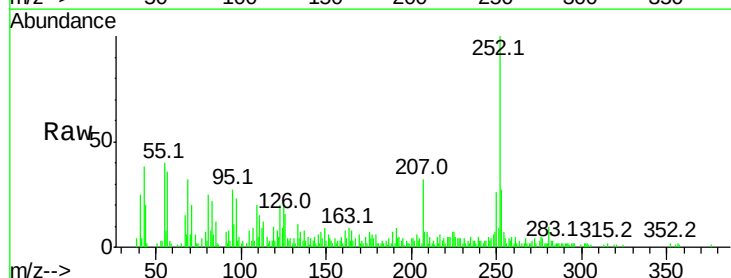
Instrument :
BNA_F
ClientSampleId :

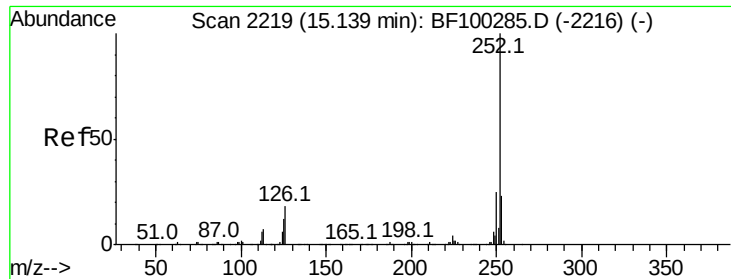
Tot Ion:264 Resp: 370871
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 22.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 2.185 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100394.D
Acq: 10 Nov 2017 16:41

Tgt Ion:252 Resp: 48014
Ion Ratio Lower Upper
252 100
253 27.0 17.0 25.6#
125 20.3 9.0 13.6#





#88
 Benzo(k)fluoranthene
 Concen: 2.313 ng
 RT: 15.10 min Scan# 2213
 Delta R.T. -0.04 min
 Lab File: BF100394.D
 Acq: 10 Nov 2017 16:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.9	26.9#
125	20.3	10.2	15.2#

