

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100953.D
 Acq On : 29 Nov 2017 00:49
 Operator : SJ/JU
 Sample : I6548-10DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 04:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63162	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	224134	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	84585	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	140367	20.00	ng	0.00
75) Chrysene-d12	14.03	240	154094	20.00	ng	0.00
86) Perylene-d12	15.50	264	129393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	217645	55.24	ng	0.00
7) Phenol-d6	6.49	99	249409	51.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	146433	43.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	48094	55.80	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	282729	50.90	ng	0.00
78) Terphenyl-d14	12.96	244	228596	34.09	ng	0.00

Target Compounds

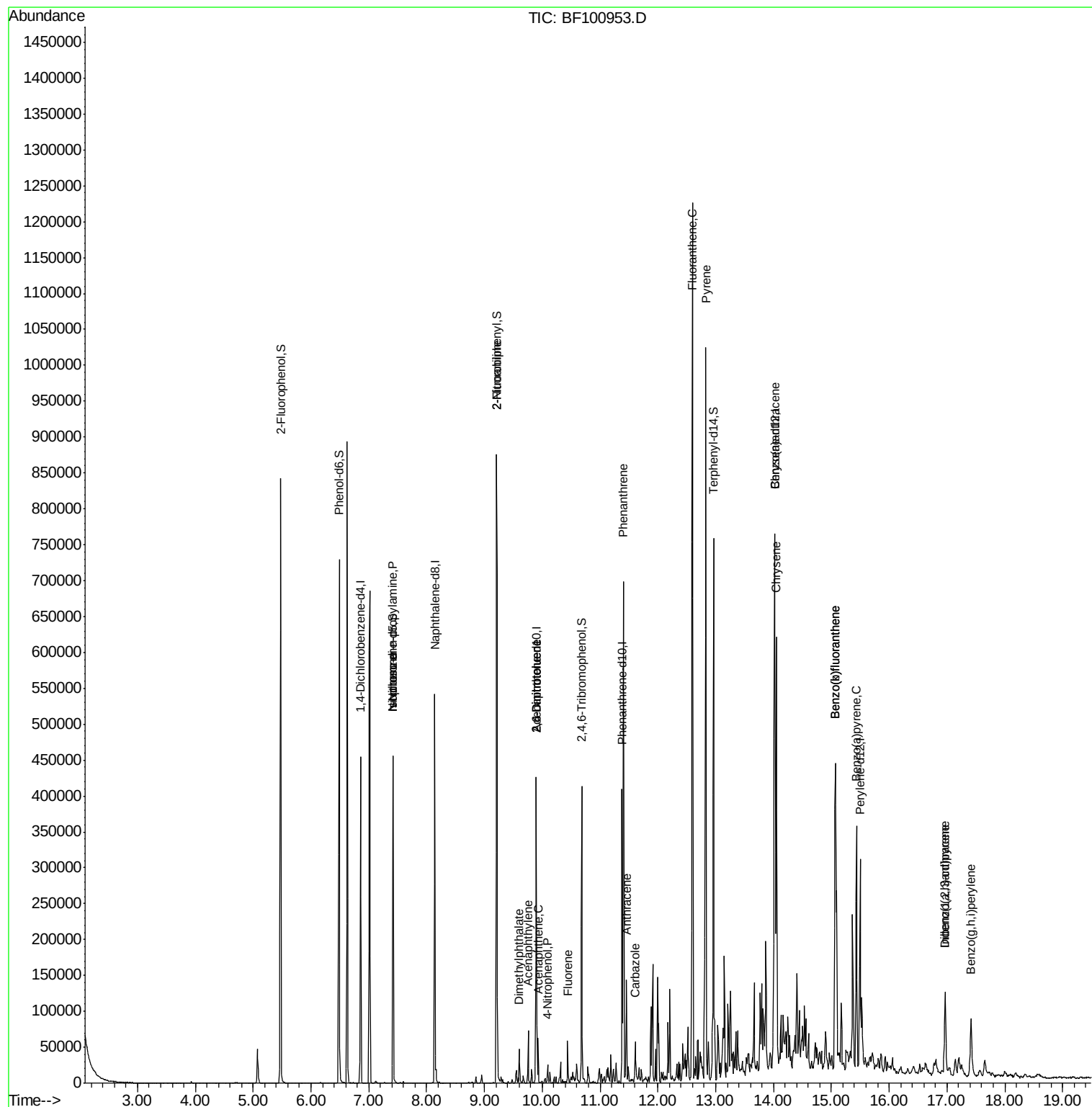
						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	19180	5.692	ng	# 81
25) Isophorone	7.42	82	146432	20.554	ng	# 64
47) 2-Nitroaniline	9.22	65	272	2.947	ng	# 1
48) Acenaphthylene	9.76	152	32363	3.680	ng	95
49) Dimethylphthalate	9.60	163	18437	2.855	ng	98
50) 2,6-Dinitrotoluene	9.89	165	11236	8.789	ng	# 24
51) Acenaphthene	9.93	154	12662	2.367	ng	95
55) 4-Nitrophenol	10.10	139	3478	2.837	ng	# 9
56) 2,4-Dinitrotoluene	9.89	165	11236	6.967	ng	# 21
57) Fluorene	10.44	166	16534	3.010	ng	99
70) Phenanthrene	11.40	178	267520	36.198	ng	97
71) Anthracene	11.46	178	52731	7.033	ng	98
72) Carbazole	11.61	167	22224	3.212	ng	96
74) Fluoranthene	12.60	202	469394	59.929	ng	96
77) Pyrene	12.83	202	406424	37.000	ng	98
80) Benzo(a)anthracene	14.02	228	220501	23.762	ng	94
82) Chrysene	14.05	228	209901	23.359	ng	96
85) Indeno(1,2,3-cd)pyrene	16.97	276	74049	10.188	ng	# 89
87) Benzo(b)fluoranthene	15.07	252	325799	42.500	ng	97
88) Benzo(k)fluoranthene	15.07	252	325799	44.980	ng	97
89) Benzo(a)pyrene	15.43	252	154396	22.719	ng	96
90) Dibenzo(a,h)anthracene	16.97	278	19613	3.529	ng	# 93
91) Benzo(g,h,i)perylene	17.42	276	68173	12.531	ng	# 92

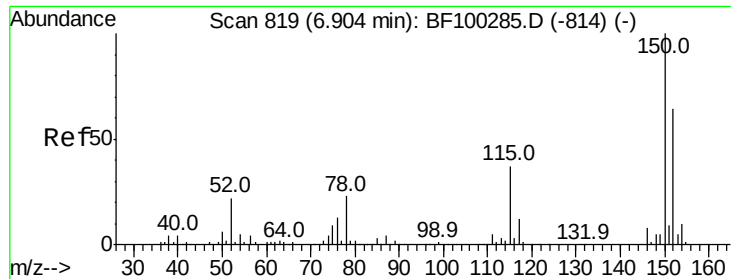
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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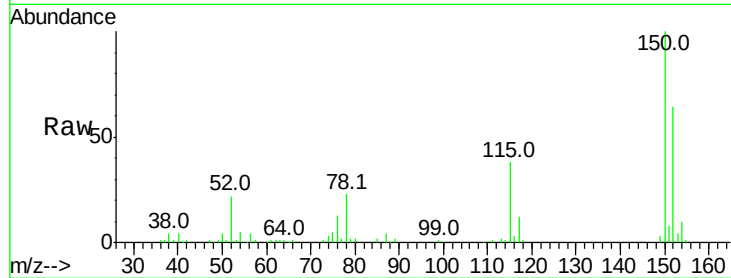


#1

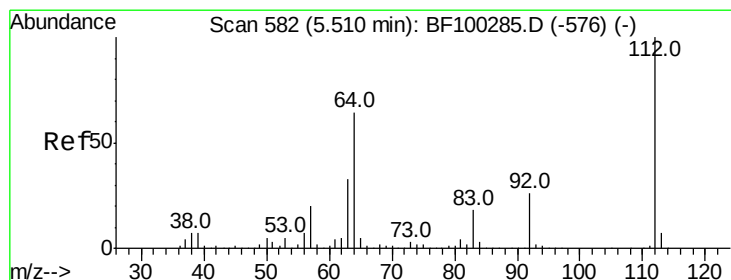
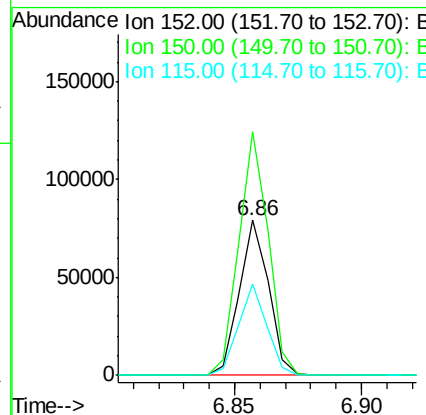
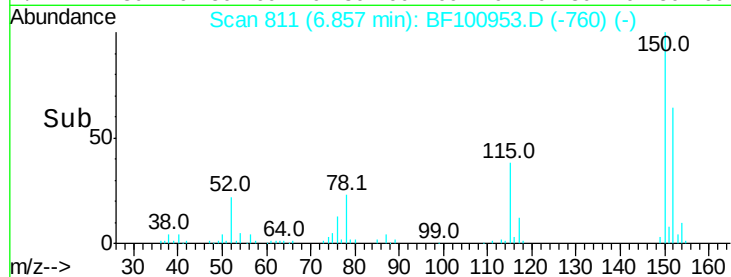
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100953.D
 Acq: 29 Nov 2017 00:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 63162
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 59.2 50.1 75.1



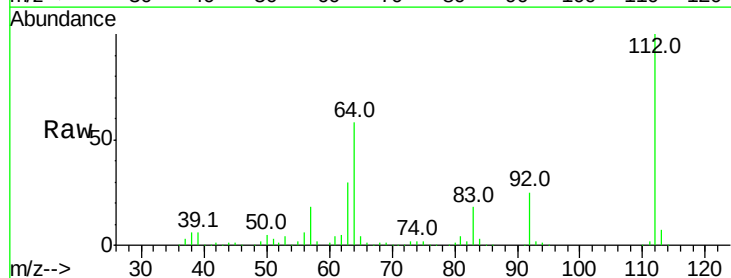
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



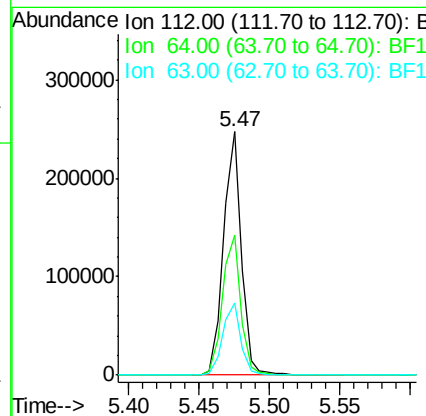
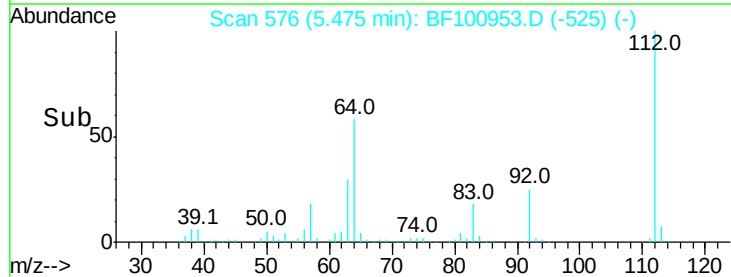
#5

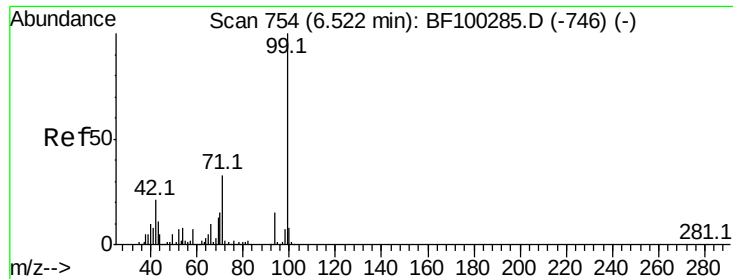
2-Fluorophenol
 Concen: 55.236 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF100953.D
 Acq: 29 Nov 2017 00:49

Tgt Ion:112 Resp: 217645
 Ion Ratio Lower Upper
 112 100
 64 57.7 47.9 71.9
 63 29.6 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: 51.331 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

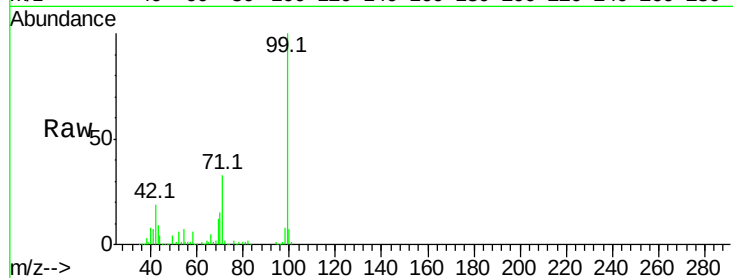
Tot Ion: 99 Resp: 249409

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

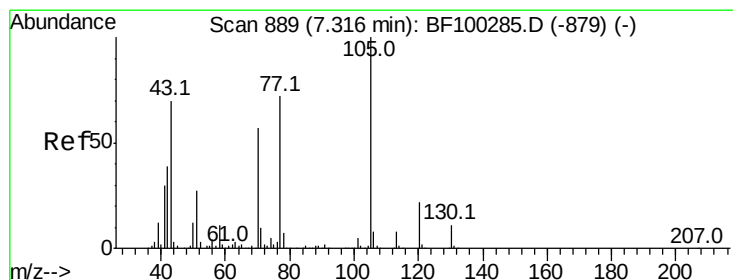
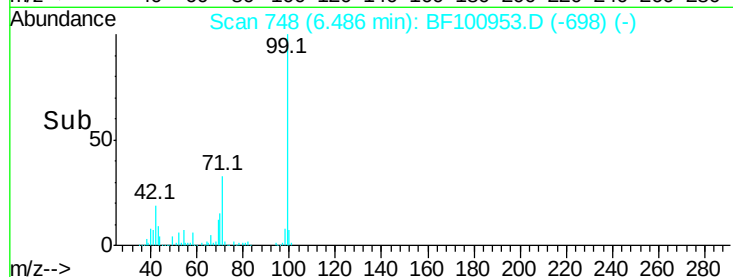
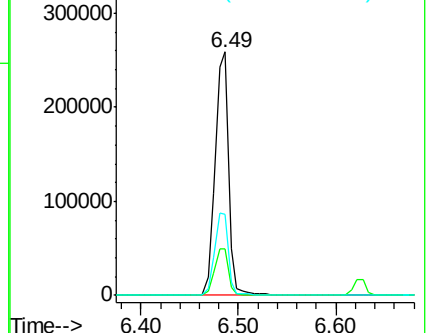
71 33.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 5.692 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Tgt Ion: 70 Resp: 19180

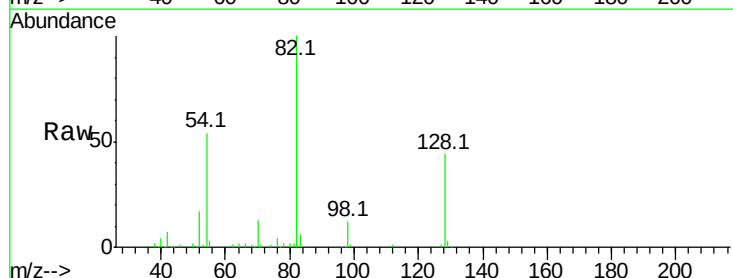
Ion Ratio Lower Upper

70 100

42 51.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

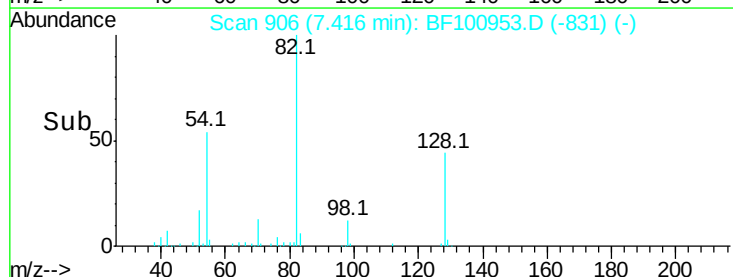
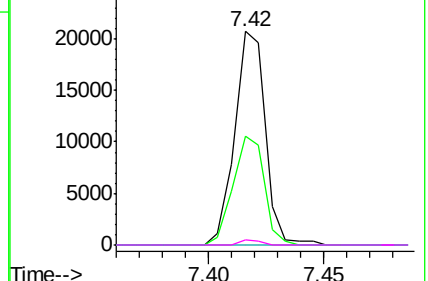


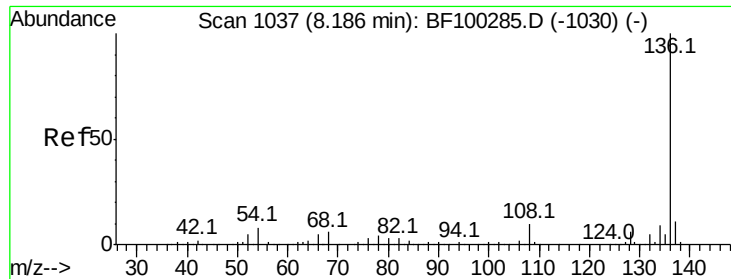
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

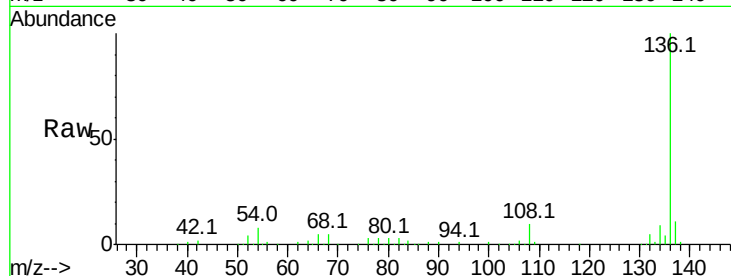




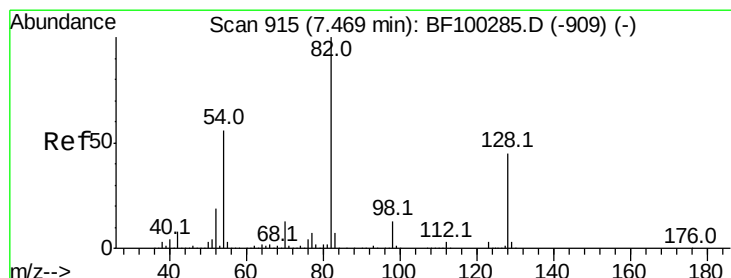
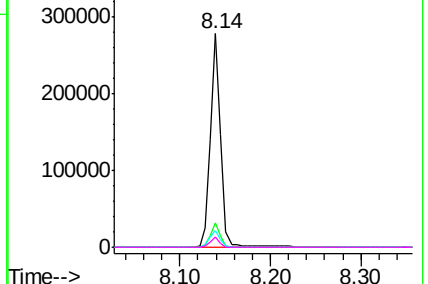
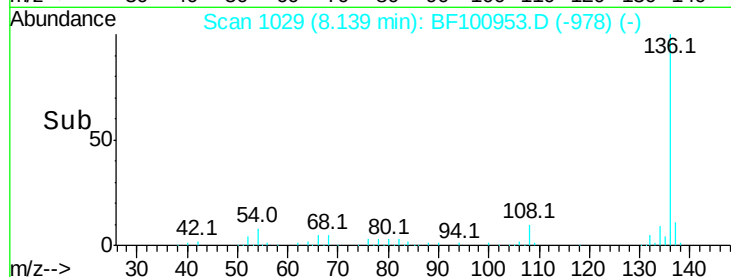
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	224134
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.9	13.3
54 8.1	6.6	9.8
68 4.8	5.0	7.4#

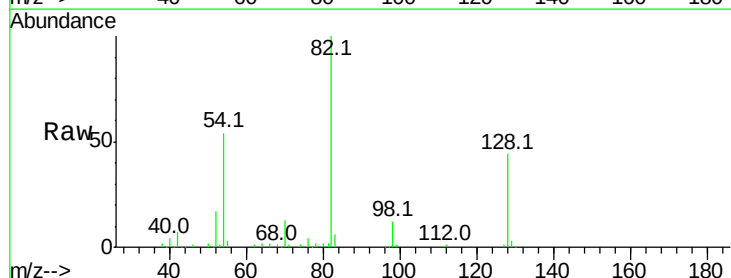


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

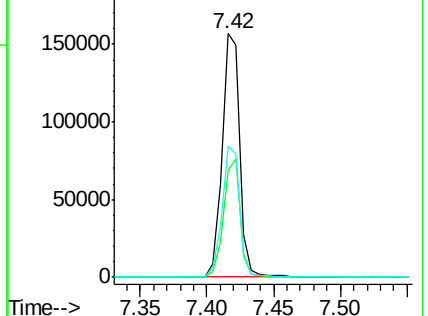
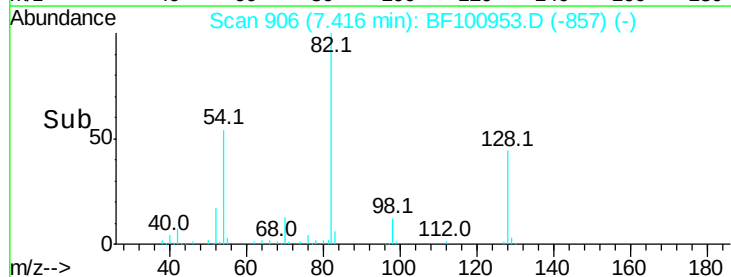


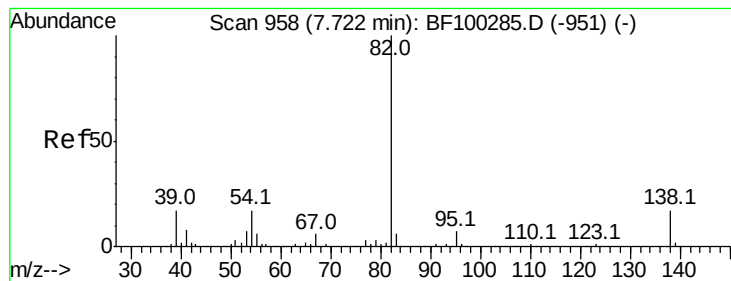
#23
Nitrobenzene-d5
Concen: 43.194 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt	Ion: 82	Resp:	146433
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	53.7	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: 20.554 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

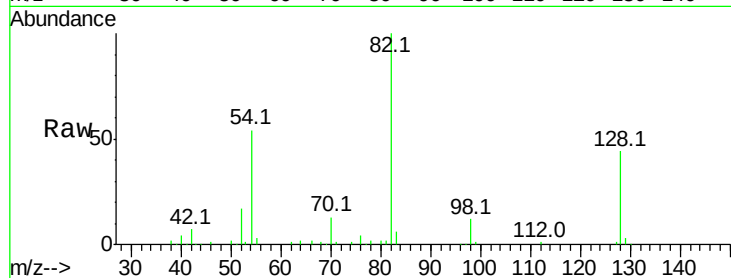
Tot Ion: 82 Resp: 146432

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

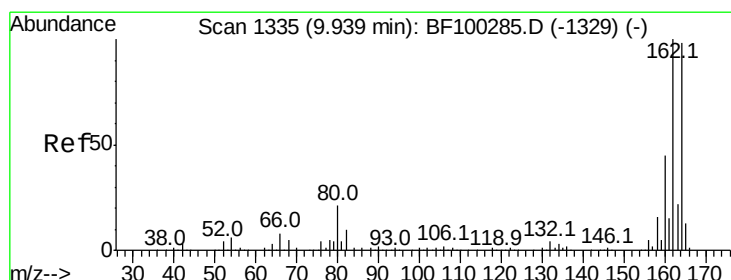
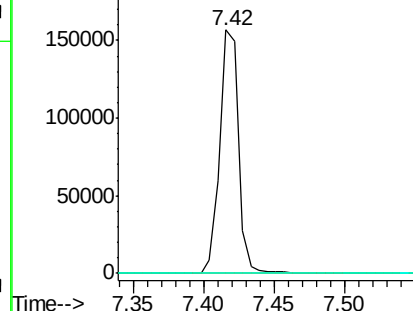
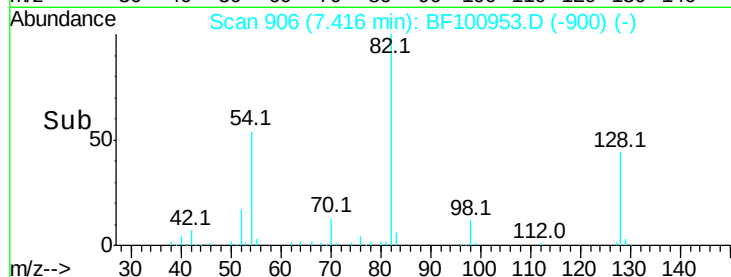
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

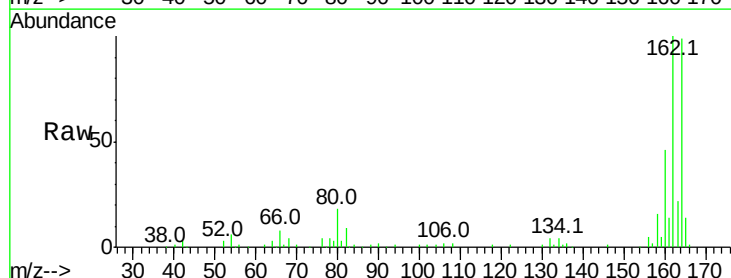
Tgt Ion: 164 Resp: 84585

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

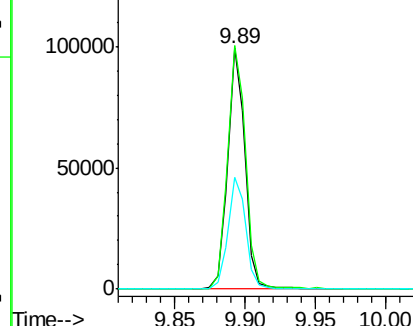
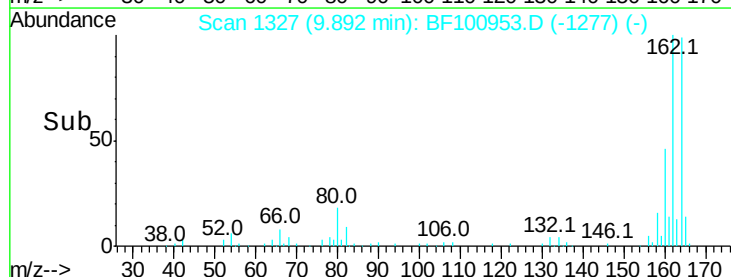
160 46.6 38.3 57.5

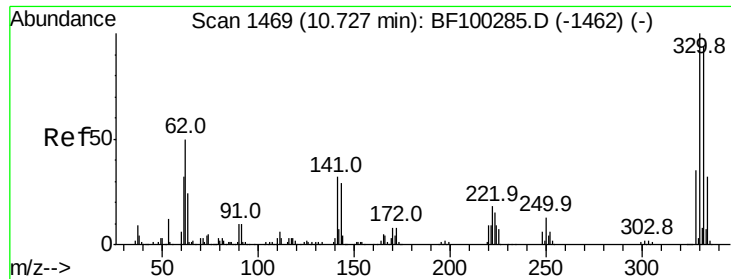


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

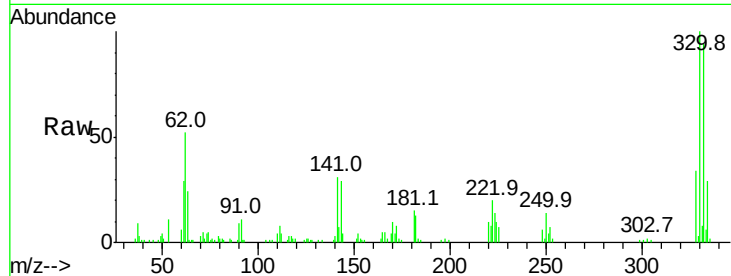




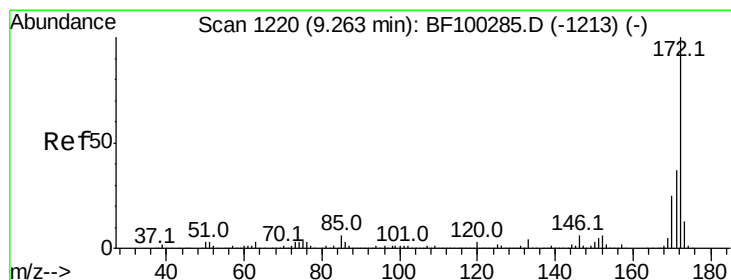
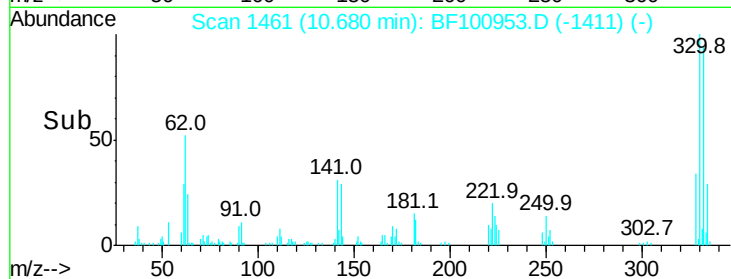
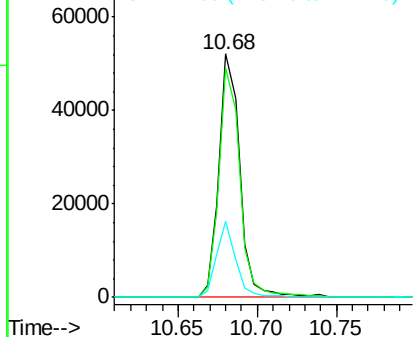
#41
 2,4,6-Tribromophenol
 Concen: 55.799 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100953.D
 Acq: 29 Nov 2017 00:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 48094
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.0 115.6
 141 28.7 29.9 44.9#

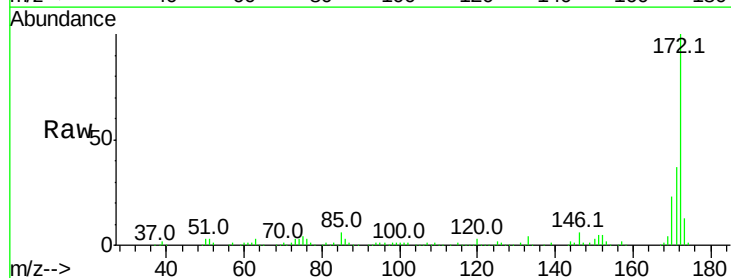


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

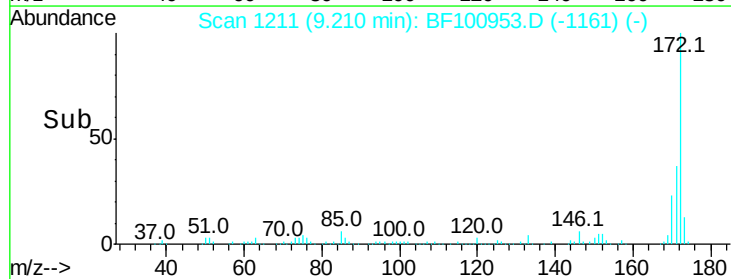
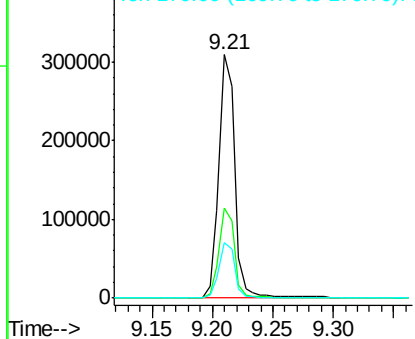


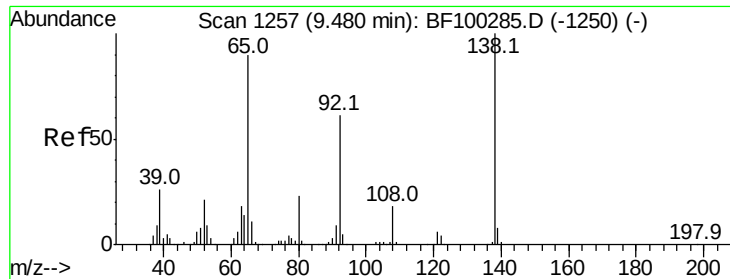
#44
 2-Fluorobiphenyl
 Concen: 50.897 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100953.D
 Acq: 29 Nov 2017 00:49

Tgt Ion:172 Resp: 282729
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 23.0 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: 2.947 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.22 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

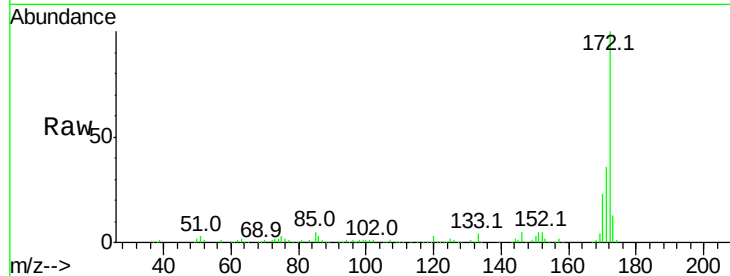
Tot Ion: 65 Resp: 272

Ion Ratio Lower Upper

65 100

92 154.1 55.8 83.6#

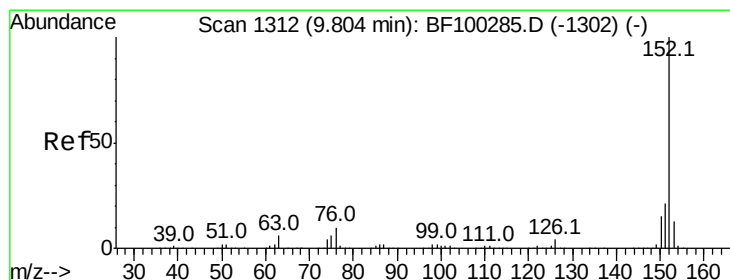
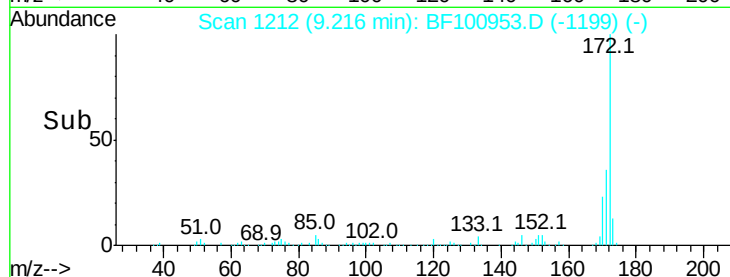
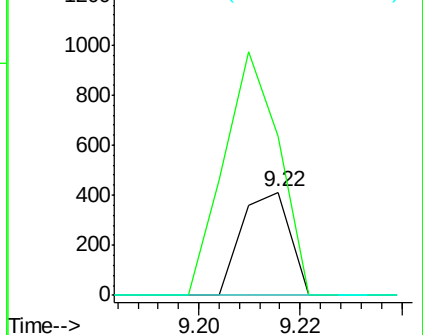
138 0.0 91.2 136.8#



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): BF1



#48

Acenaphthylene

Concen: 3.680 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

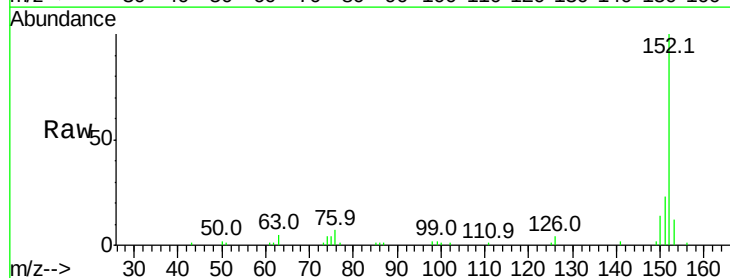
Tgt Ion: 152 Resp: 32363

Ion Ratio Lower Upper

152 100

151 22.9 16.3 24.5

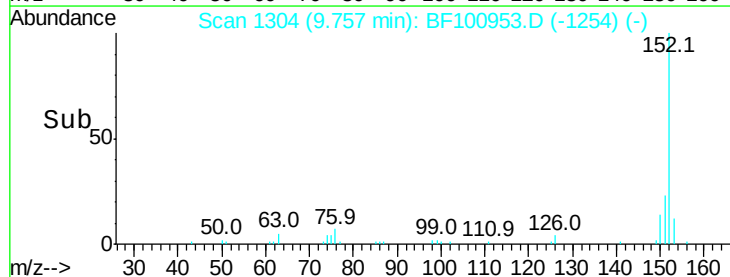
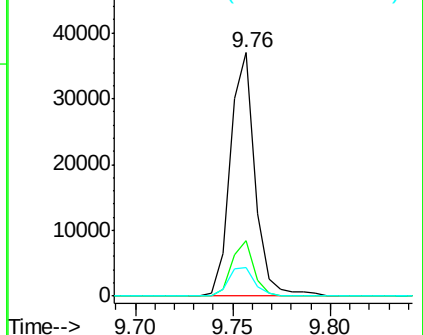
153 11.6 10.7 16.1

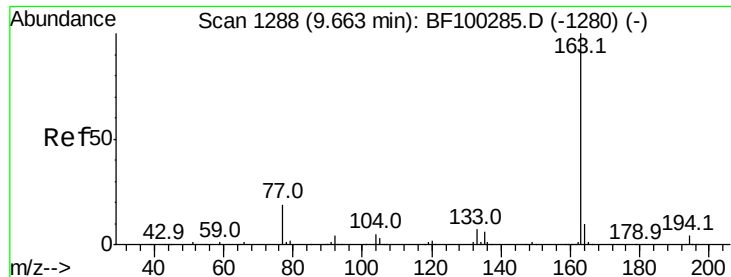


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

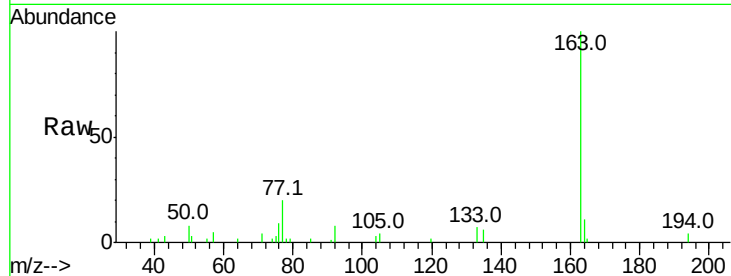




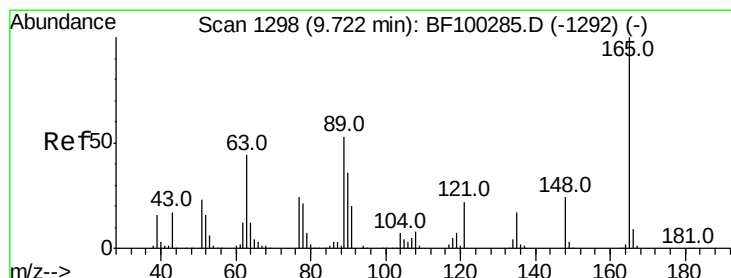
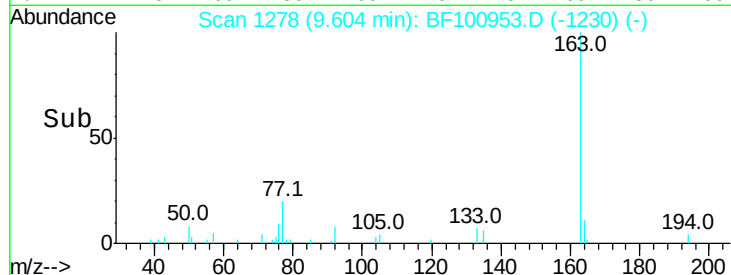
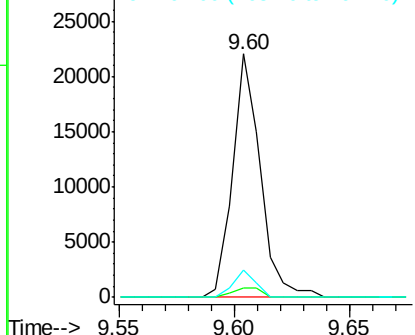
#49
Dimethylphthalate
Concen: 2.855 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 18437
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 11.1 8.2 12.2

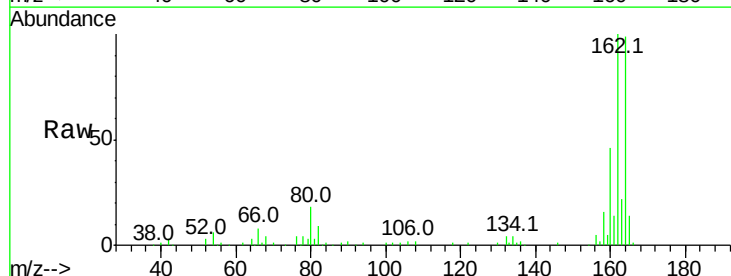


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

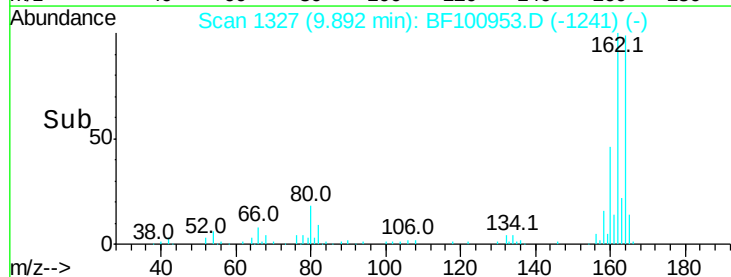
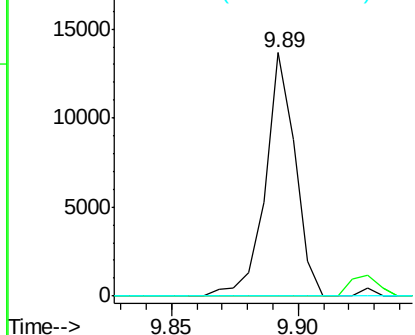


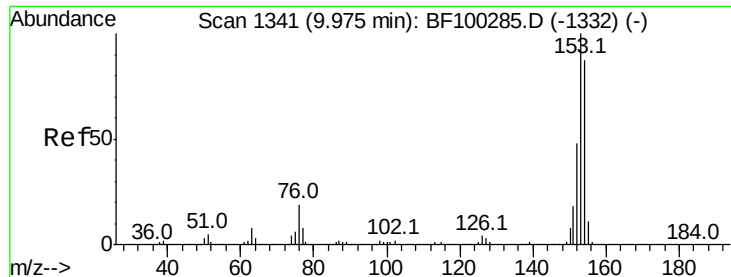
#50
2,6-Dinitrotoluene
Concen: 8.789 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:165 Resp: 11236
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



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





#51

Acenaphthene

Concen: 2.367 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

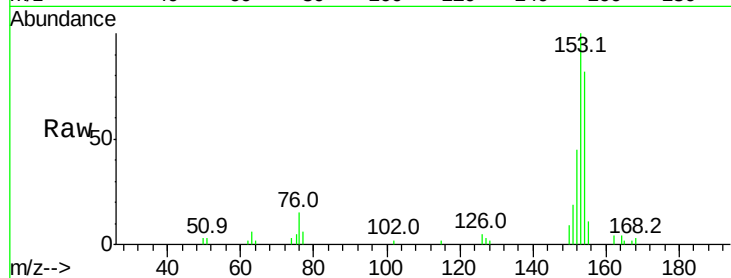
Tot Ion:154 Resp: 12662

Ion Ratio Lower Upper

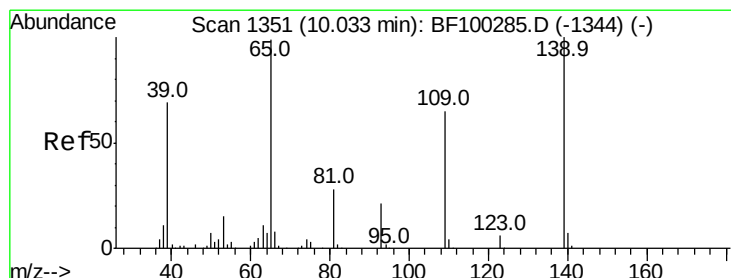
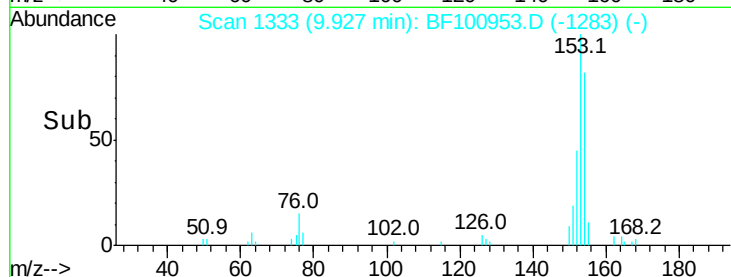
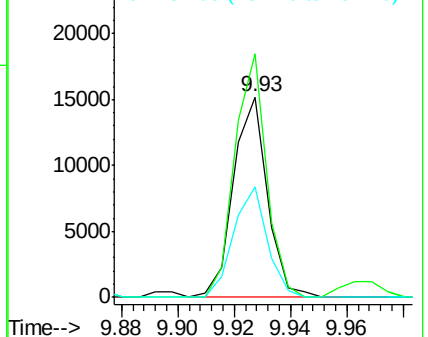
154 100

153 121.5 91.2 136.8

152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 2.837 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.09 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

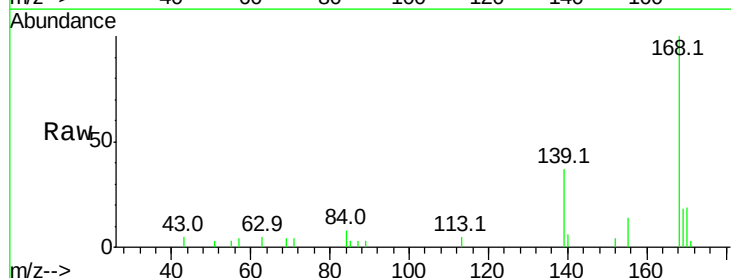
Tgt Ion:139 Resp: 3478

Ion Ratio Lower Upper

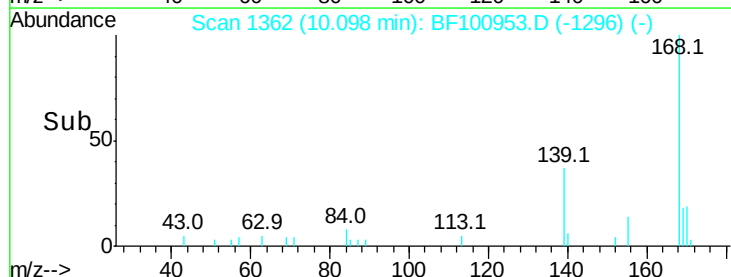
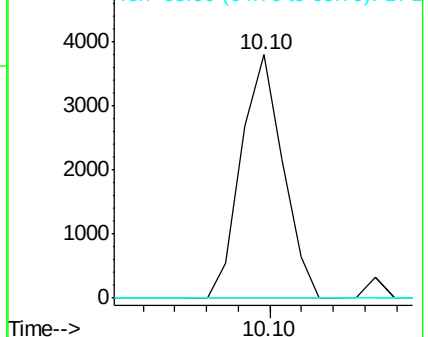
139 100

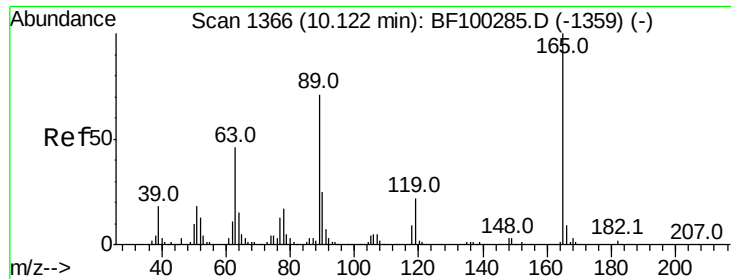
109 0.0 48.4 88.4#

65 0.0 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

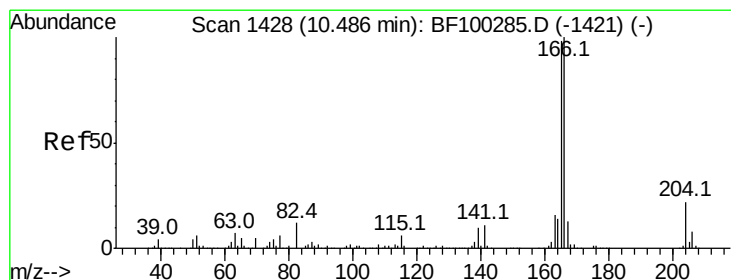
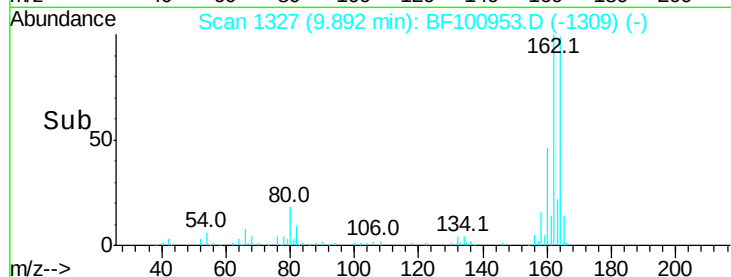
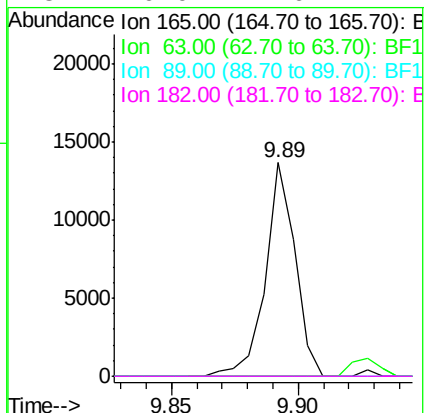
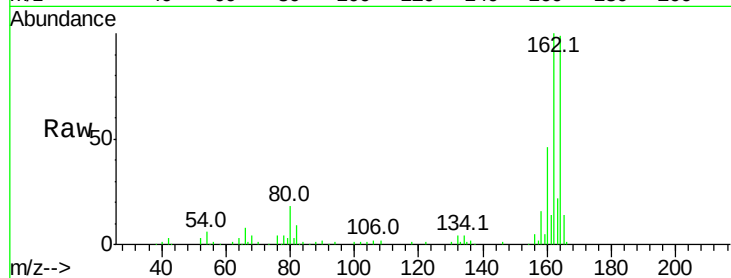




#56
2,4-Dinitrotoluene
Concen: 6.967 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

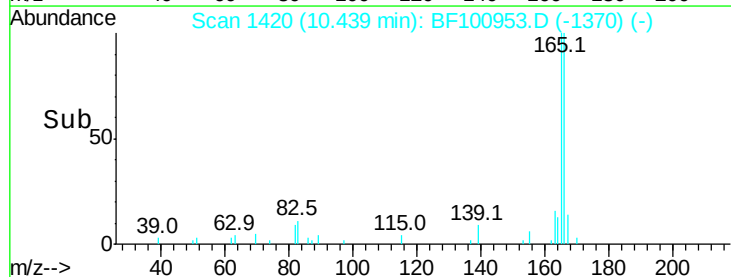
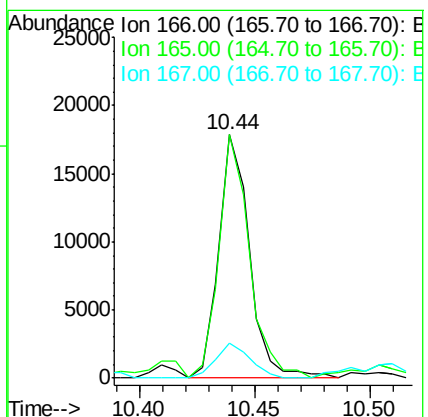
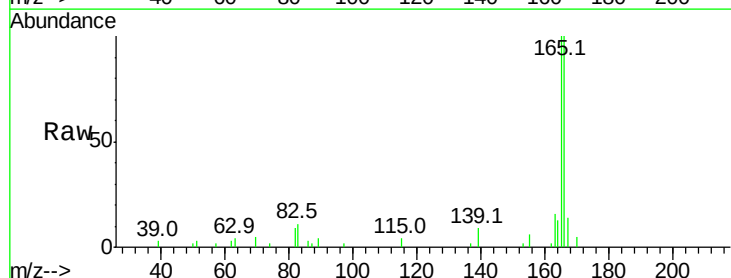
Instrument :
BNA_F
ClientSampleId :

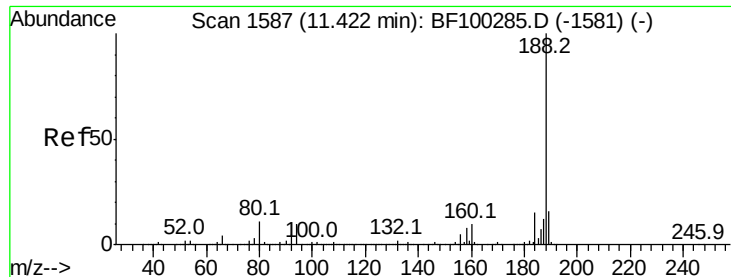
Tot Ion:165	Resp:	11236
Ion Ratio	Lower	Upper
165 100		
63 0.0	36.4	54.6#
89 0.0	57.8	86.6#
182 0.0	1.6	2.4#



#57
Fluorene
Concen: 3.010 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:166	Resp:	16534
Ion Ratio	Lower	Upper
166 100		
165 100.0	79.8	119.8
167 14.4	10.6	16.0

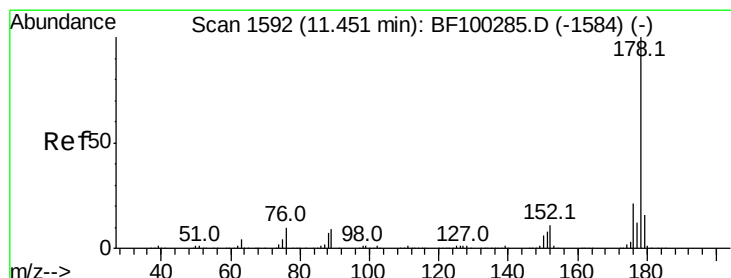
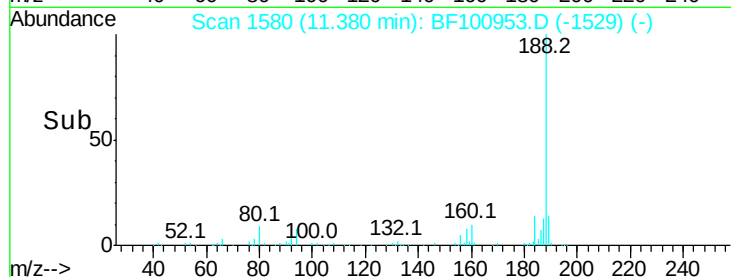
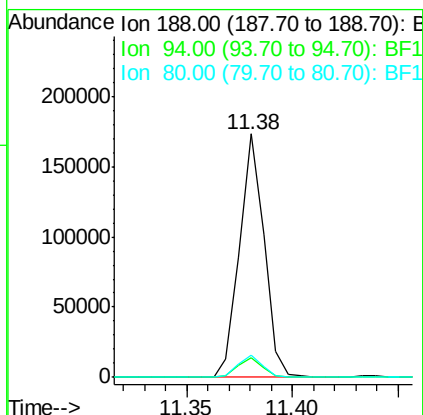
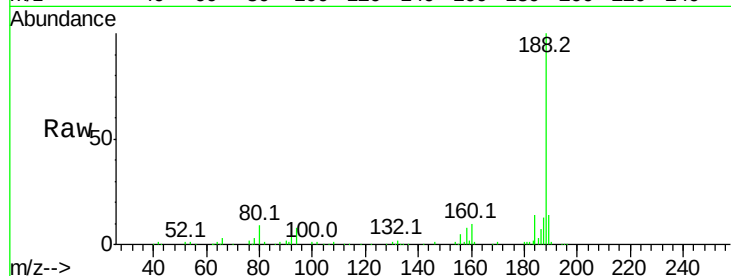




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

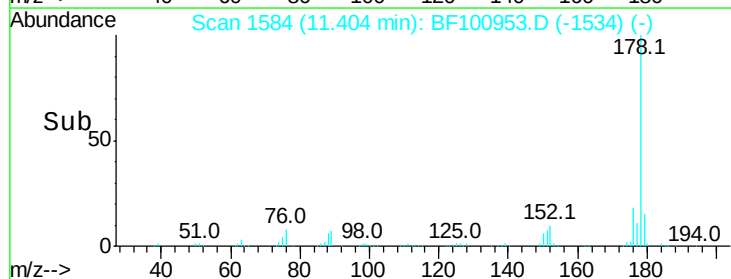
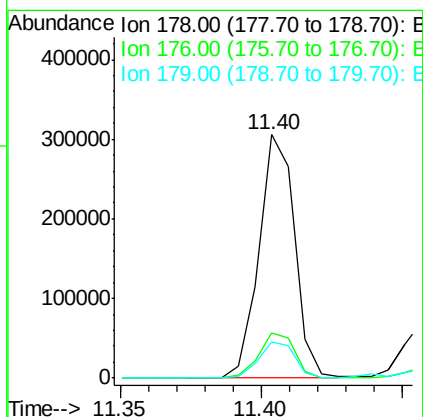
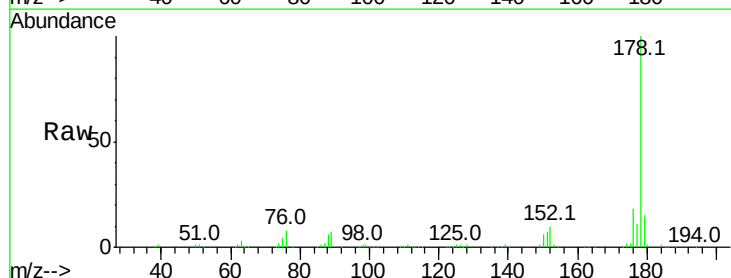
Instrument :
BNA_F
ClientSampleId :

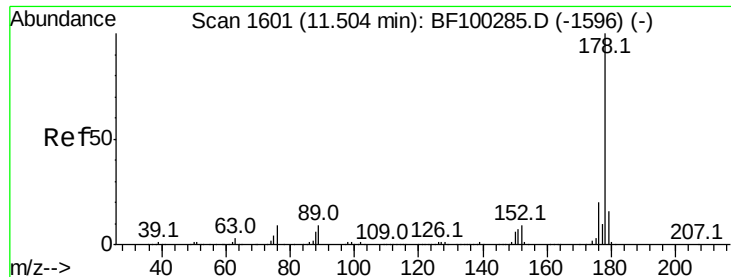
Tot Ion:188 Resp: 140367
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.9 9.2 13.8#



#70
Phenanthrene
Concen: 36.198 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:178 Resp: 267520
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 15.1 13.0 19.6





#71

Anthracene

Concen: 7.033 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

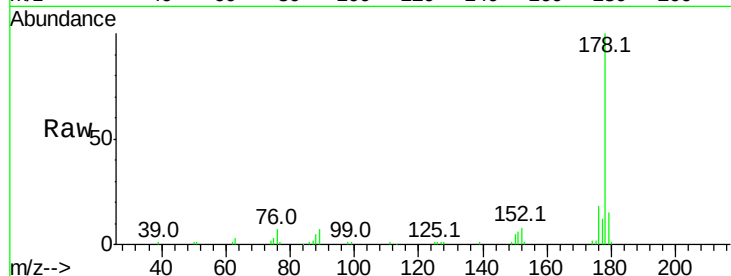
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 52731

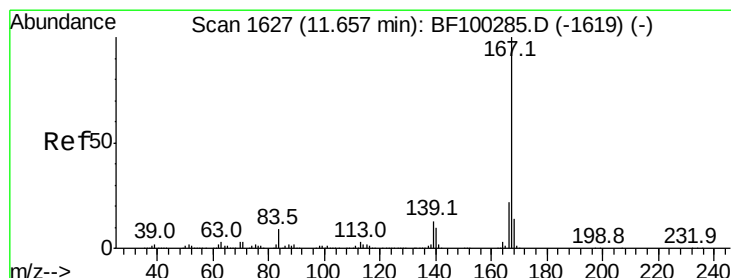
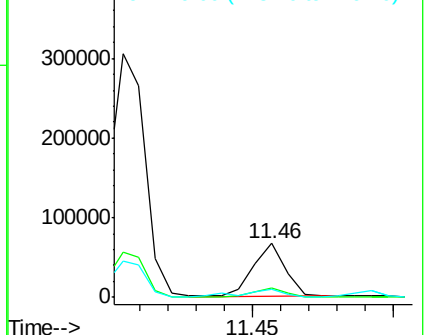
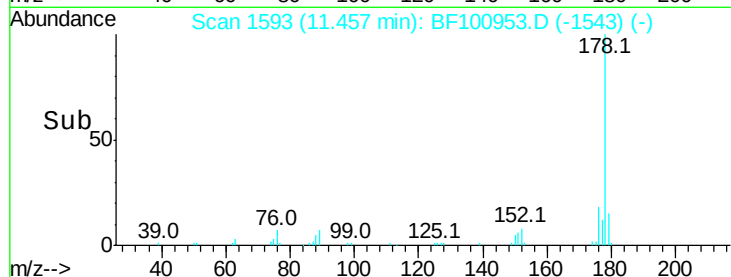
Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.3	12.6	19.0



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



#72

Carbazole

Concen: 3.212 ng

RT: 11.61 min Scan# 1619

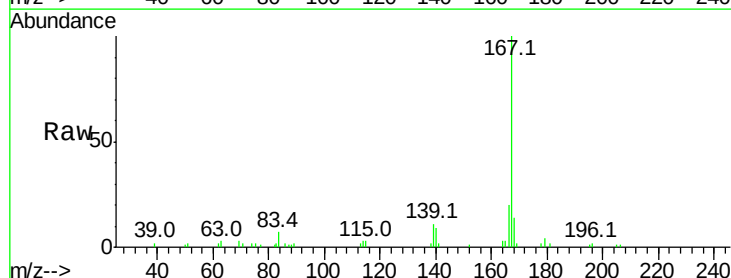
Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Tgt Ion:167 Resp: 22224

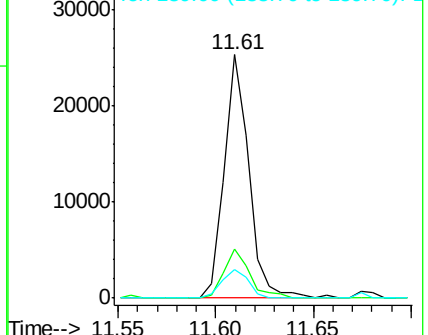
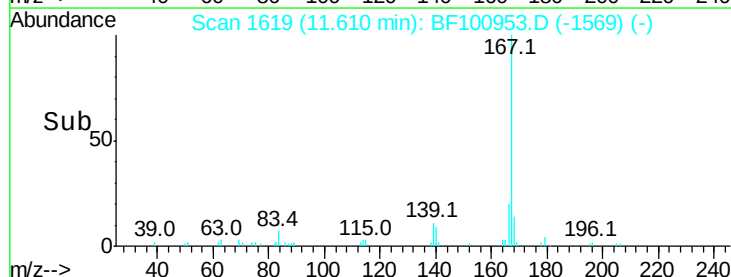
Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.6	26.4
139	11.5	10.9	16.3

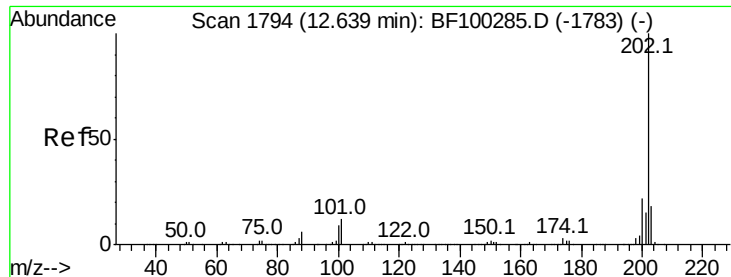


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 59.929 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

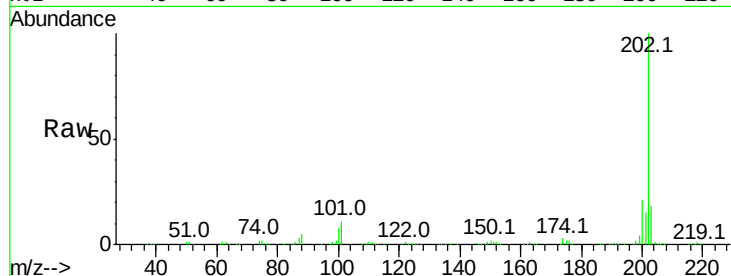
Tot Ion:202 Resp: 469394

Ion Ratio Lower Upper

202 100

101 10.9 0.0 34.1

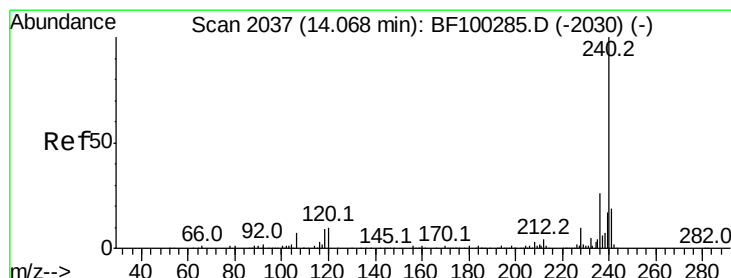
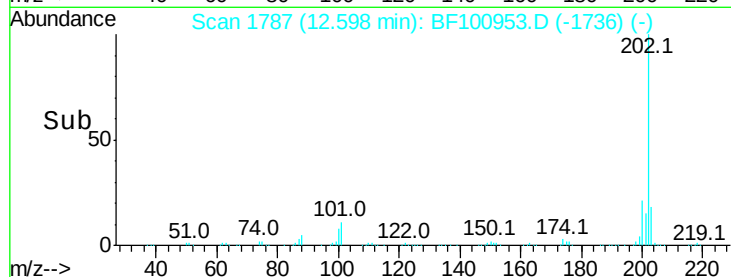
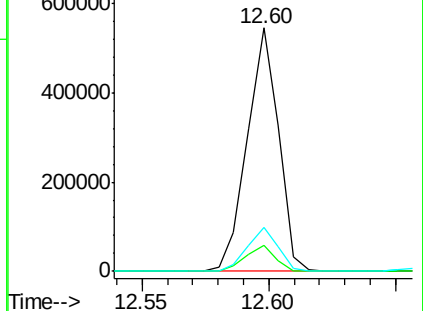
203 17.9 0.0 38.1



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: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

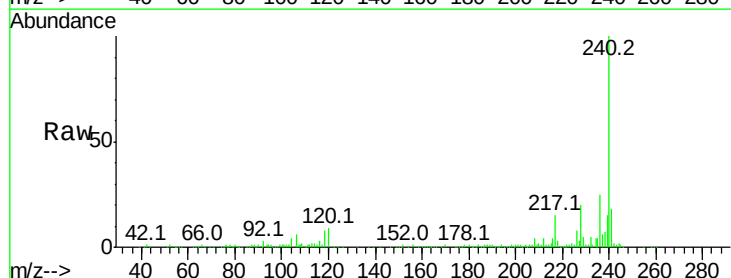
Tgt Ion:240 Resp: 154094

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

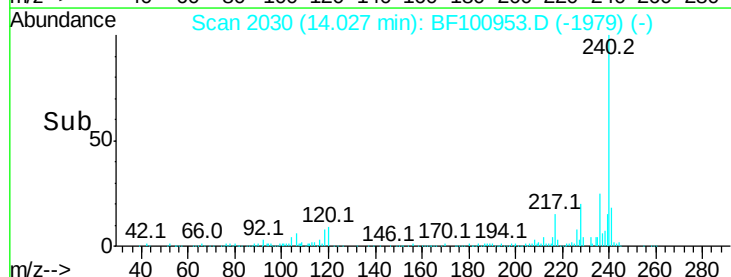
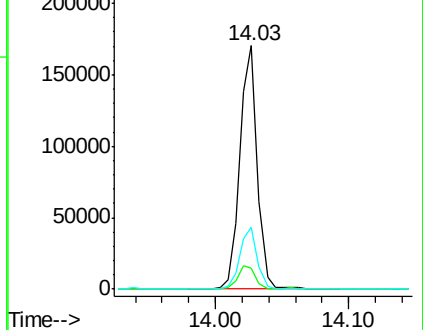
236 25.5 20.7 31.1

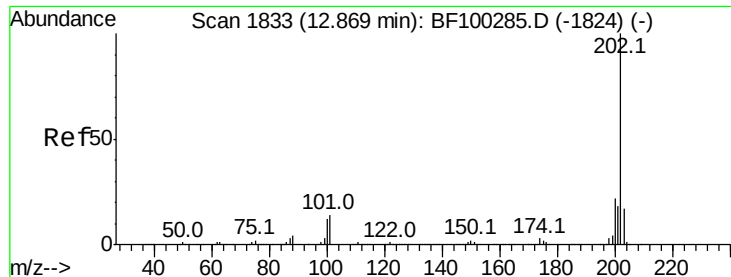


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 37.000 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

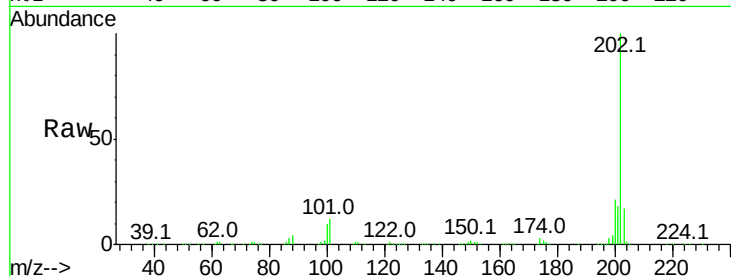
Tot Ion:202 Resp: 406424

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

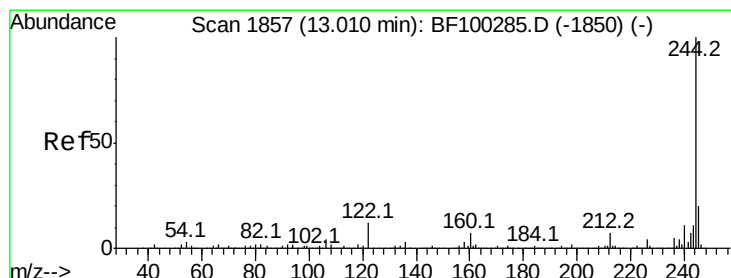
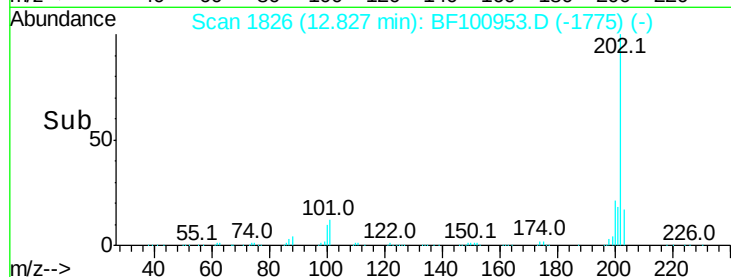
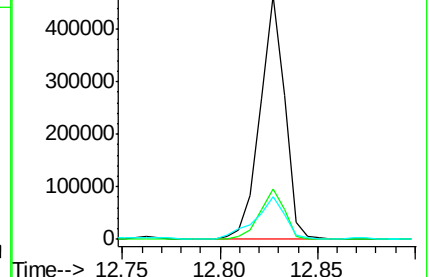
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 34.086 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

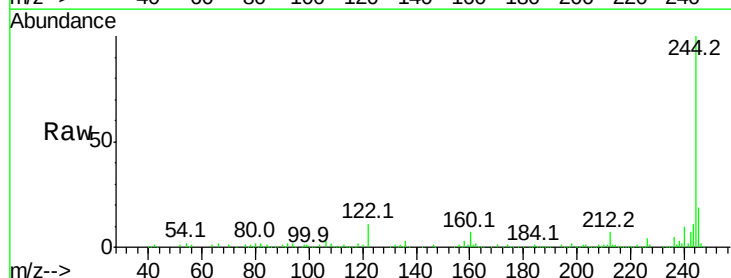
Tgt Ion:244 Resp: 228596

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

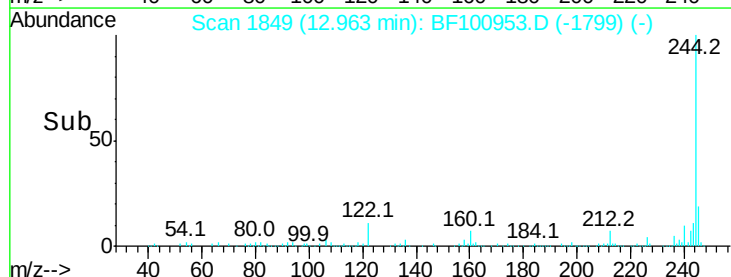
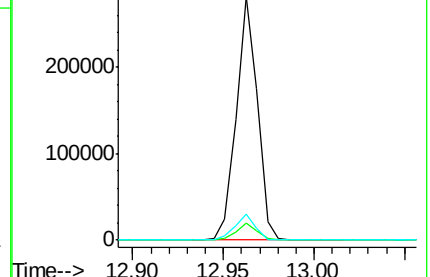
122 10.5 11.0 16.4#

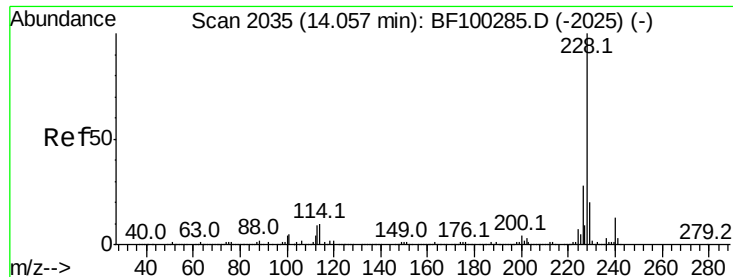


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

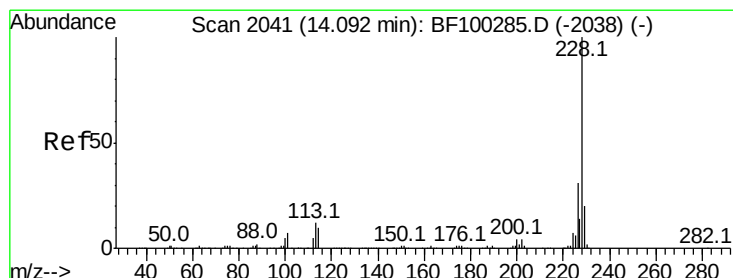
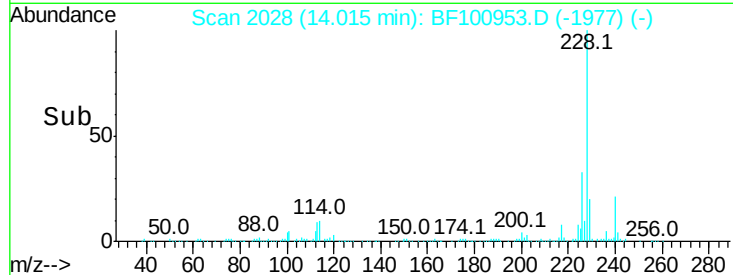
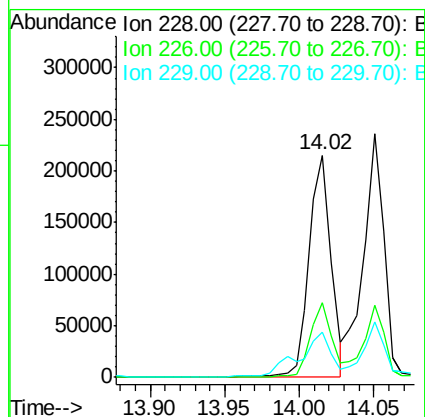
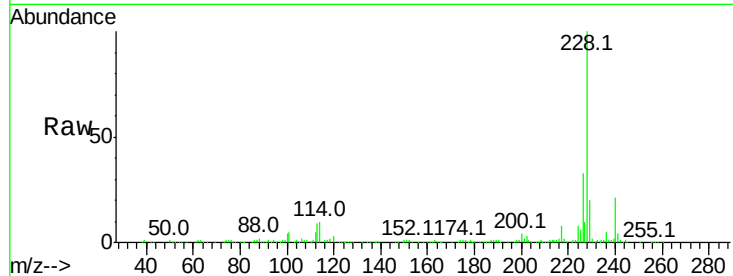




#80
Benzo(a)anthracene
Concen: 23.762 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

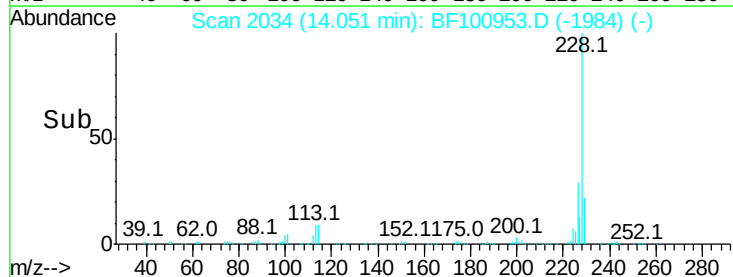
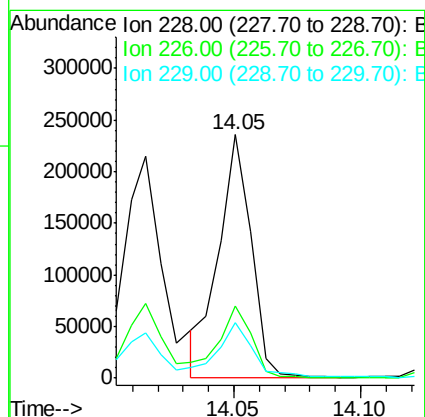
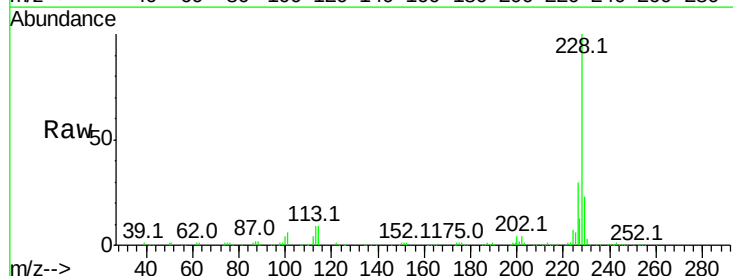
Instrument :
BNA_F
ClientSampleId :

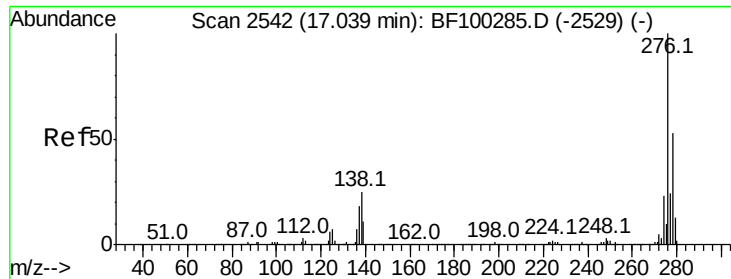
Tot Ion:228 Resp: 220501
Ion Ratio Lower Upper
228 100
226 33.4 22.6 33.8
229 20.3 15.8 23.6



#82
Chrysene
Concen: 23.359 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:228 Resp: 209901
Ion Ratio Lower Upper
228 100
226 29.7 25.0 37.6
229 22.6 16.2 24.4

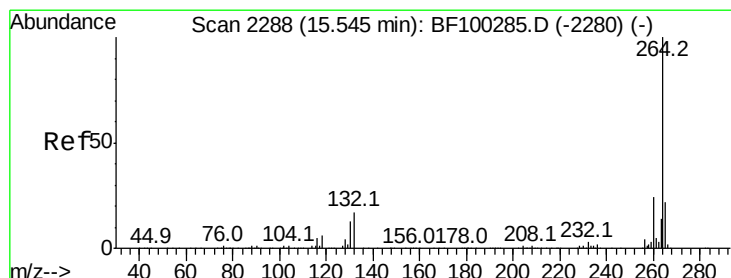
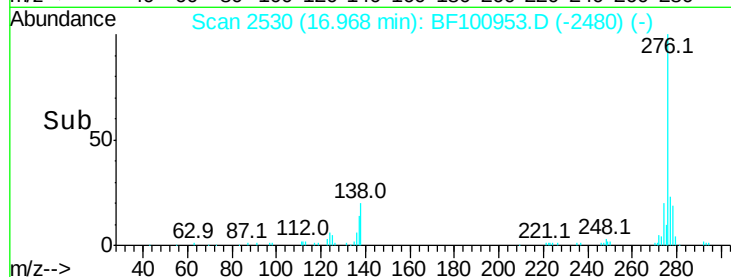
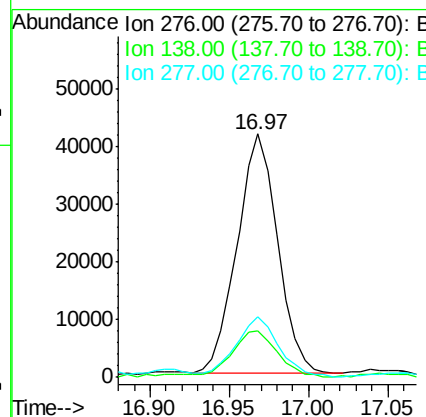
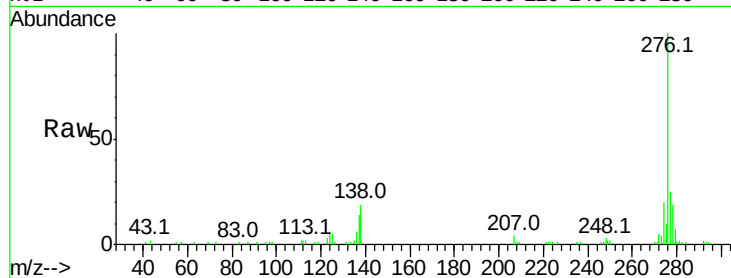




#85
Indeno(1,2,3-cd)pyrene
Concen: 10.188 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

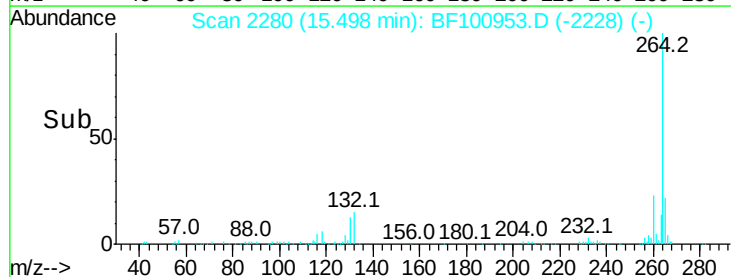
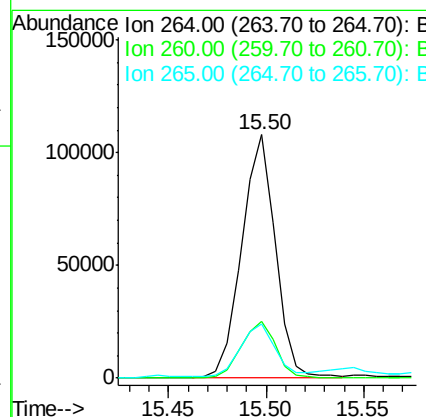
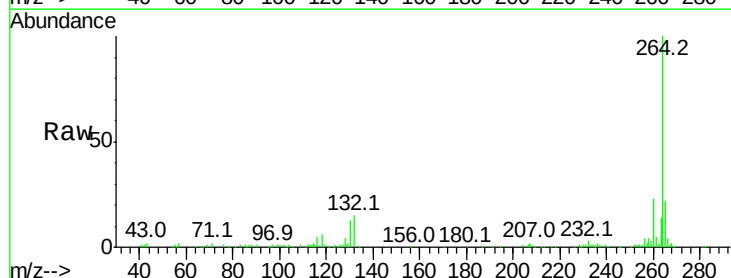
Instrument :
BNA_F
ClientSampleId :

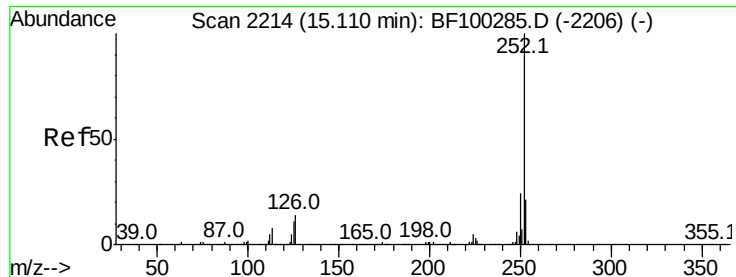
Tot Ion:276 Resp: 74049
Ion Ratio Lower Upper
276 100
138 21.6 25.0 37.6#
277 26.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100953.D
Acq: 29 Nov 2017 00:49

Tgt Ion:264 Resp: 129393
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 22.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 42.500 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

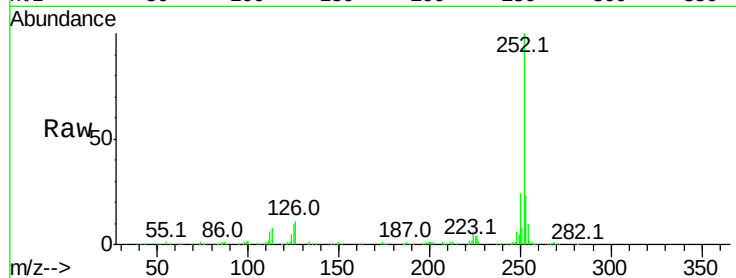
Tot Ion:252 Resp: 325799

Ion Ratio Lower Upper

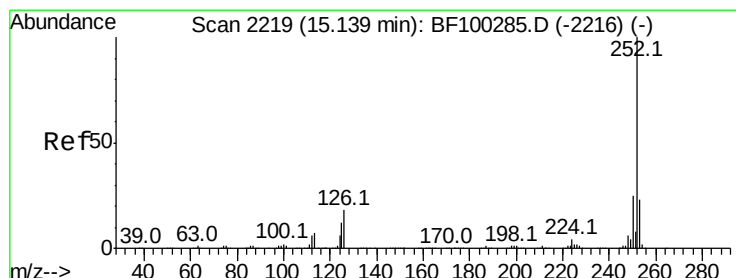
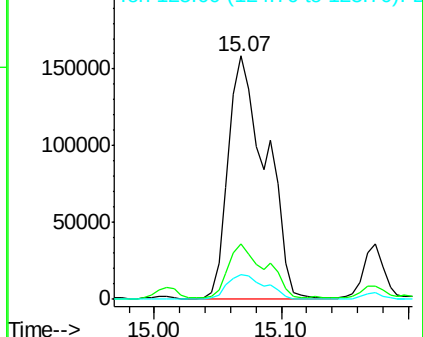
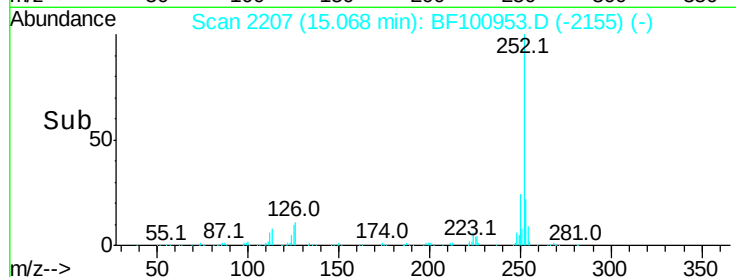
252 100

253 22.7 17.0 25.6

125 10.3 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 44.980 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

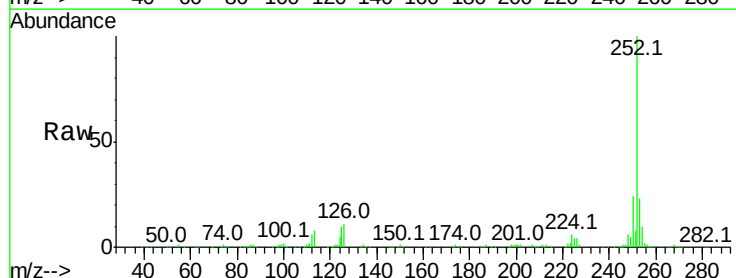
Tgt Ion:252 Resp: 325799

Ion Ratio Lower Upper

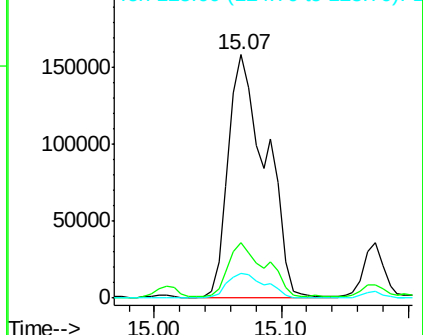
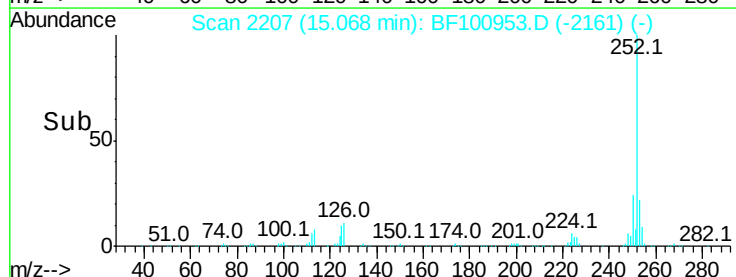
252 100

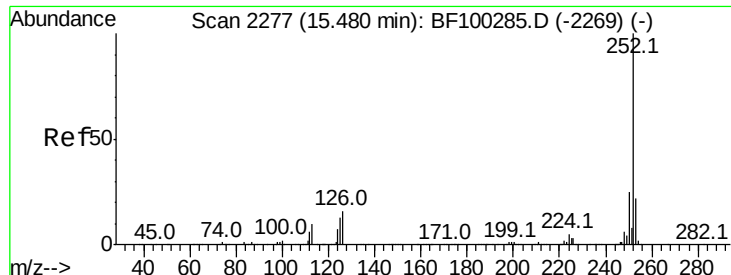
253 22.7 17.9 26.9

125 10.3 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





#89

Benzo(a)pyrene

Concen: 22.719 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

Instrument :

BNA_F

ClientSampleId :

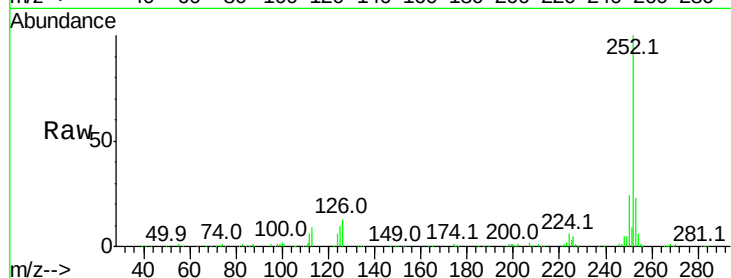
Tot Ion:252 Resp: 154396

Ion Ratio Lower Upper

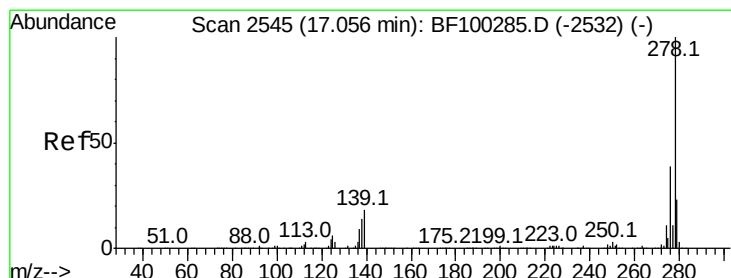
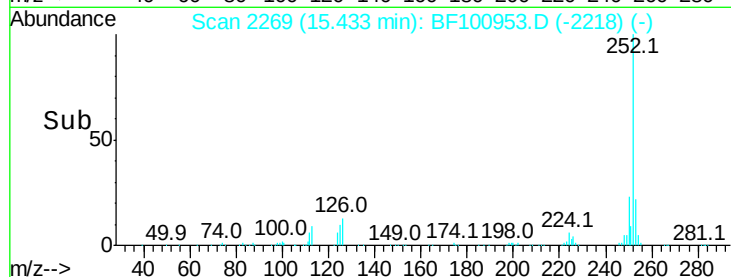
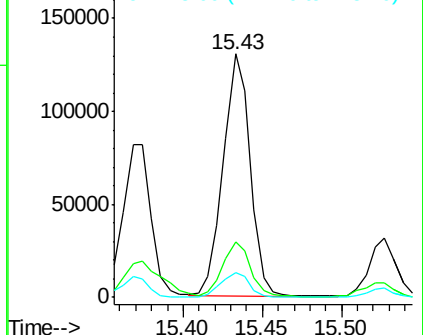
252 100

253 22.7 17.1 25.7

125 10.3 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.529 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.01 min

Lab File: BF100953.D

Acq: 29 Nov 2017 00:49

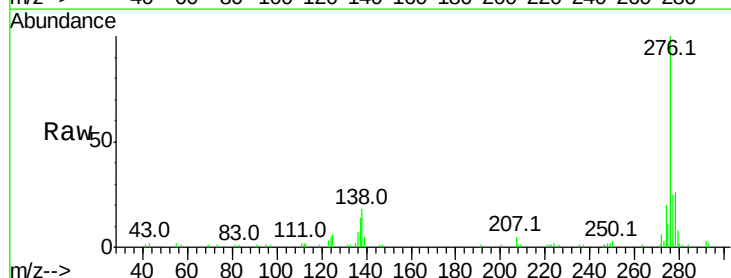
Tgt Ion:278 Resp: 19613

Ion Ratio Lower Upper

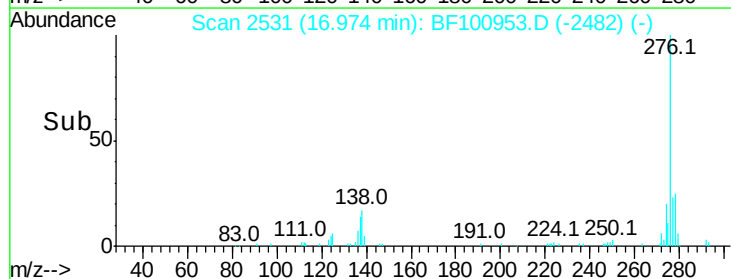
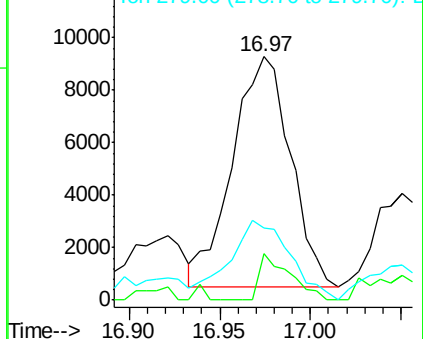
278 100

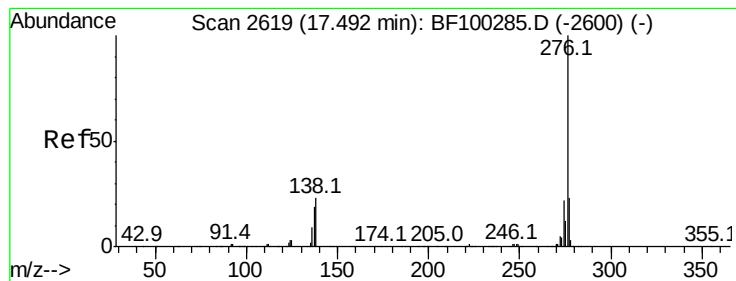
139 19.3 15.9 23.9

279 29.4 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 12.531 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF100953.D
 Acq: 29 Nov 2017 00:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	20.9	21.8	32.8

