

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101781.D
 Acq On : 27 Dec 2017 23:42
 Operator : SJ/JU
 Sample : I7064-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 04:12:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153174	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	593527	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	251672	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	397578	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283204	20.00	ng	0.00
86) Perylene-d12	15.45	264	284983	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	576911	56.10	ng	0.01
7) Phenol-d6	6.44	99	711771	55.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	418309	39.23	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	124352	51.28	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	737292	45.44	ng	0.00
78) Terphenyl-d14	12.90	244	505478	43.03	ng	0.00

Target Compounds

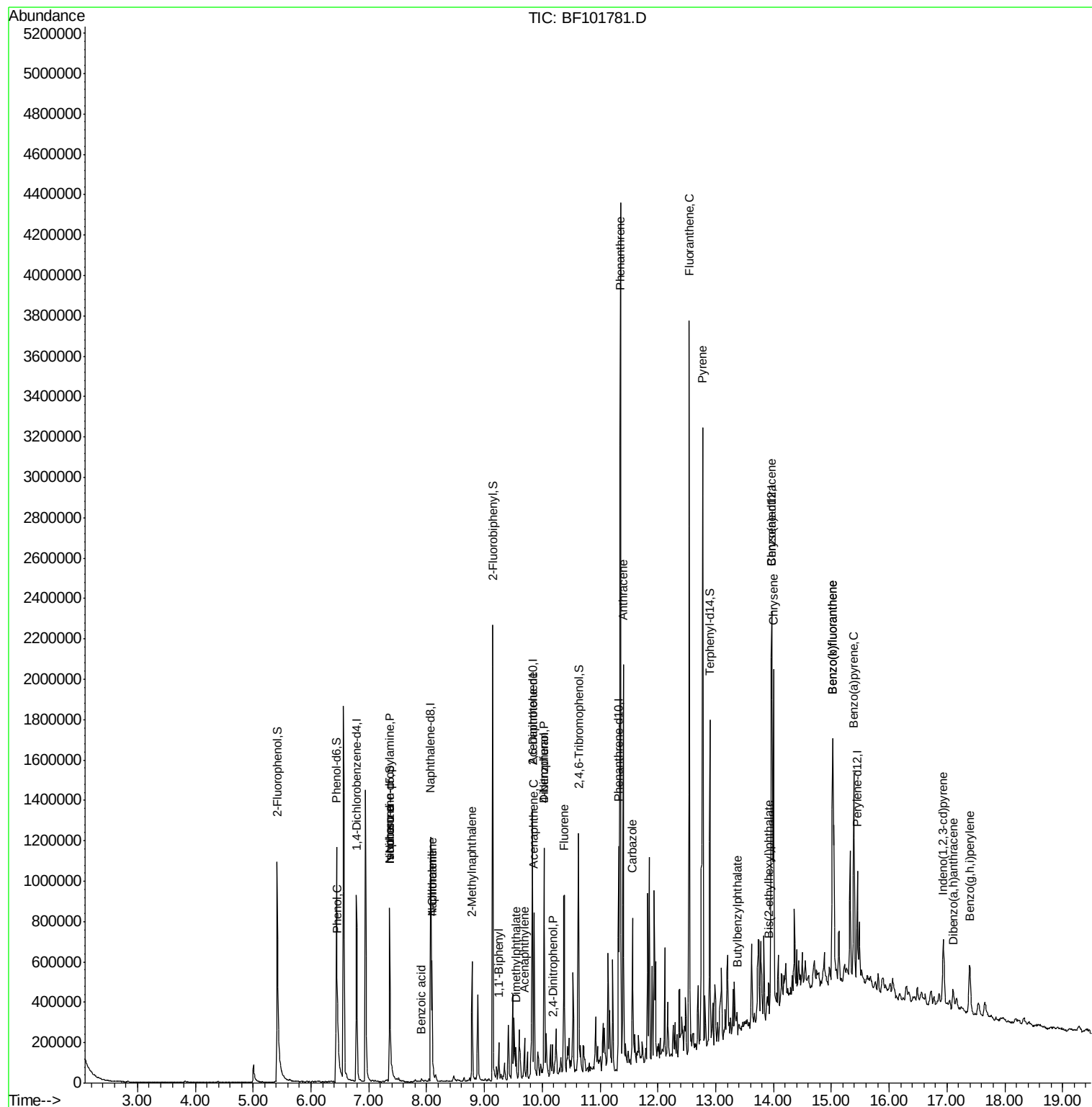
						Qvalue
10) Phenol	6.46	94	32790	2.248	ng	# 66
19) n-Nitroso-di-n-propylamine	7.36	70	55117	6.558	ng	# 83
25) Isophorone	7.36	82	418309	19.557	ng	# 64
31) Naphthalene	8.09	128	268387	8.982	ng	# 99
32) Benzoic acid	7.92	122	5822	8.798	ng	# 11
33) 4-Chloroaniline	8.09	127	35274	2.716	ng	# 34
37) 2-Methylnaphthalene	8.79	142	161302	8.286	ng	# 98
45) 1,1'-Biphenyl	9.25	154	61895	2.773	ng	# 98
48) Acenaphthylene	9.69	152	61604	2.284	ng	# 97
49) Dimethylphthalate	9.55	163	63913	3.157	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	41346	10.049	ng	# 26
51) Acenaphthene	9.86	154	178449	11.011	ng	# 100
53) 2,4-Dinitrophenol	10.19	184	419	10.575	ng	# 86
54) Dibenzofuran	10.03	168	411797	19.995	ng	# 99
55) 4-Nitrophenol	10.03	139	157287	70.320	ng	# 10
57) Fluorene	10.38	166	271135	15.562	ng	# 99
70) Phenanthrene	11.36	178	2061932	93.258	ng	# 98
71) Anthracene	11.40	178	821978	36.395	ng	# 100
72) Carbazole	11.56	167	254118	12.018	ng	# 100
74) Fluoranthene	12.55	202	1695452	73.056	ng	# 98
77) Pyrene	12.77	202	1478104	69.543	ng	# 100
79) Butylbenzylphthalate	13.37	149	22535	2.343	ng	# 96
80) Benzo(a)anthracene	13.97	228	798867	42.719	ng	# 100
82) Chrysene	14.00	228	675429	38.254	ng	# 98
83) Bis(2-ethylhexyl)phthalate	13.92	149	46247	3.797	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.94	276	263090	16.733	ng	# 89
87) Benzo(b)fluoranthene	15.02	252	966092	55.617	ng	# 97
88) Benzo(k)fluoranthene	15.02	252	966092	57.203	ng	# 100
89) Benzo(a)pyrene	15.39	252	526827	32.900	ng	# 96
90) Dibenzo(a,h)anthracene	17.10	278	62703	4.561	ng	# 97
91) Benzo(g,h,i)perylene	17.39	276	216106	15.874	ng	# 95

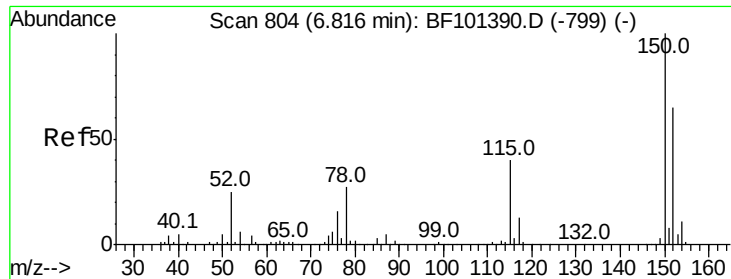
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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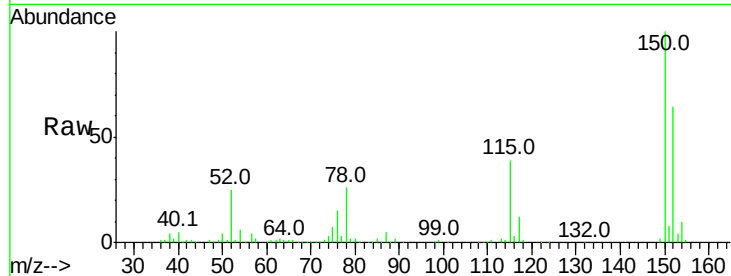


#1

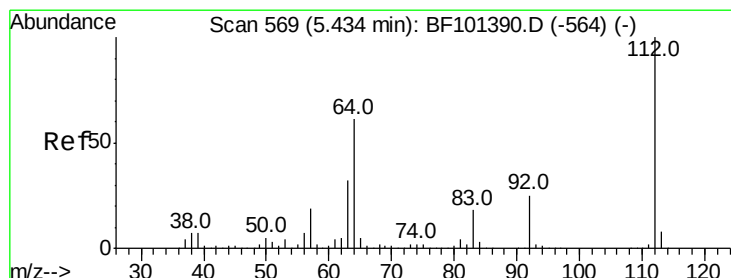
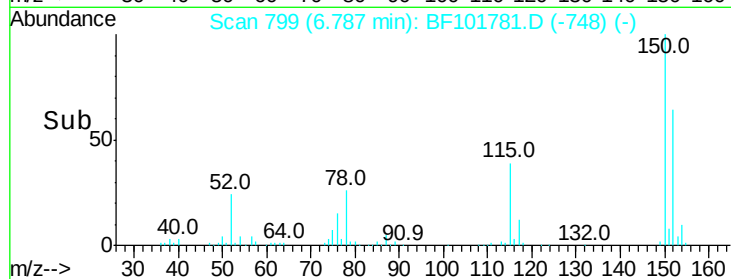
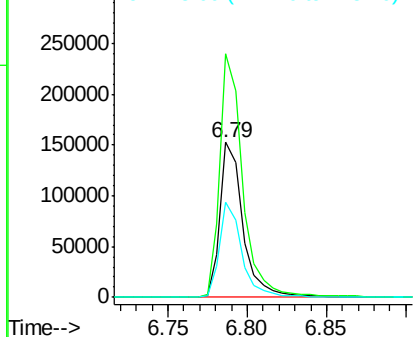
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 153174
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 61.2 50.1 75.1



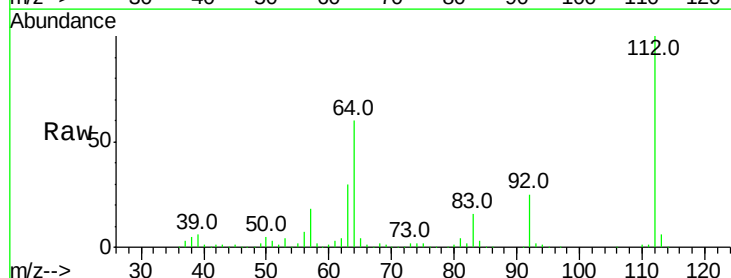
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



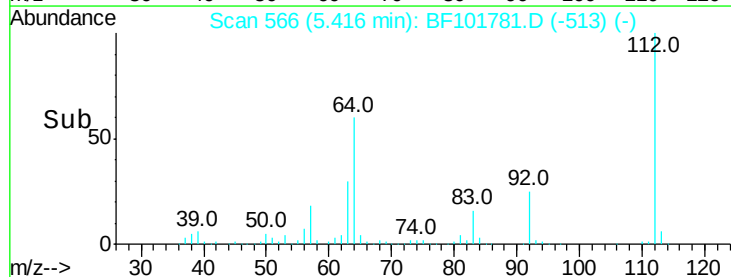
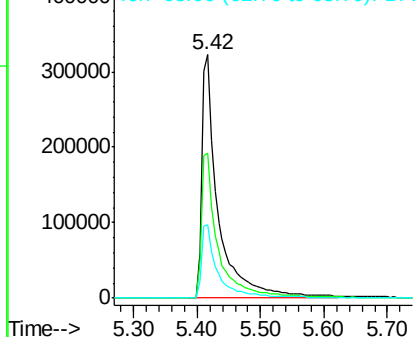
#5

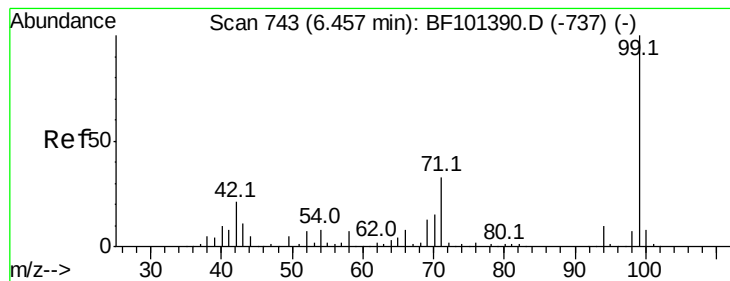
2-Fluorophenol
Concen: 56.103 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Tgt Ion:112 Resp: 576911
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 30.3 23.7 35.5



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





#7

Phenol-d6

Concen: 55.617 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampled :

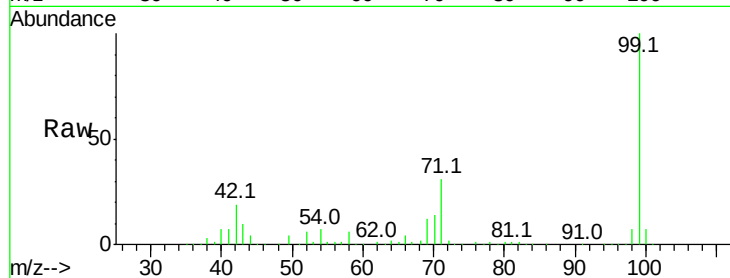
Tot Ion: 99 Resp: 711771

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	30.8	25.4	38.0

99 100

42 19.1 14.5 21.7

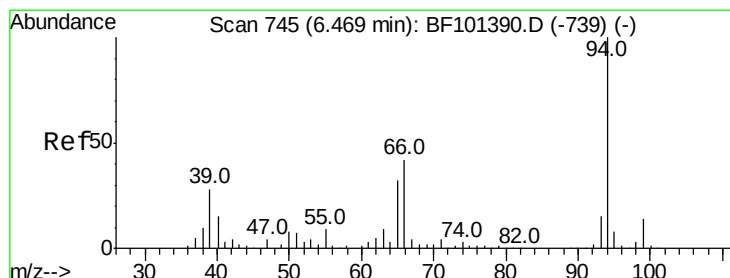
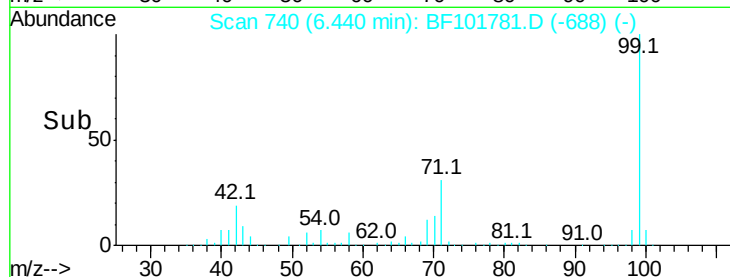
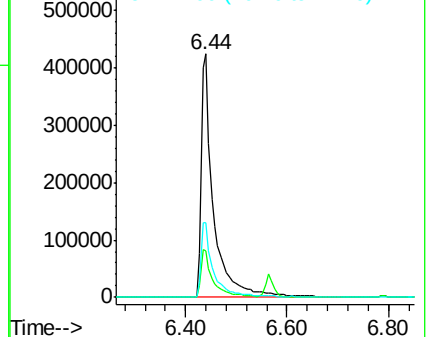
71 30.8 25.4 38.0



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



#10

Phenol

Concen: 2.248 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

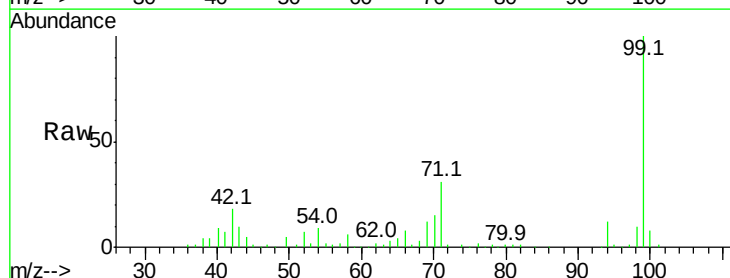
Tgt Ion: 94 Resp: 32790

Ion	Ratio	Lower	Upper
94	100		
65	35.4	7.9	47.9
66	65.3	16.2	56.2

94 100

65 35.4 7.9 47.9

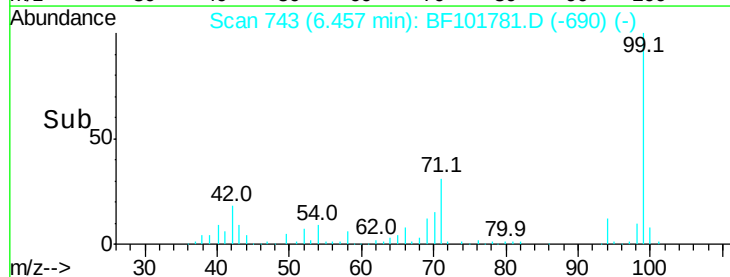
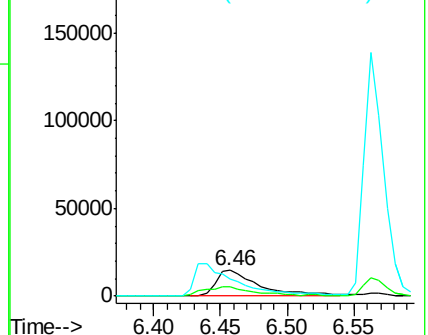
66 65.3 16.2 56.2

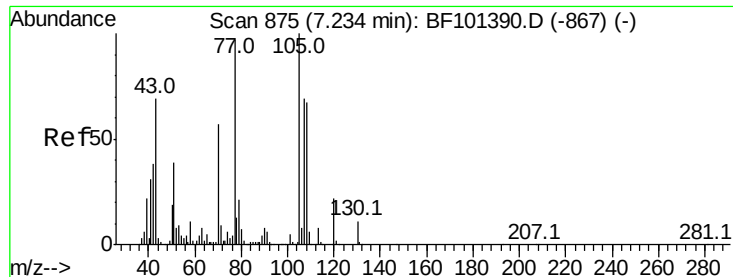


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

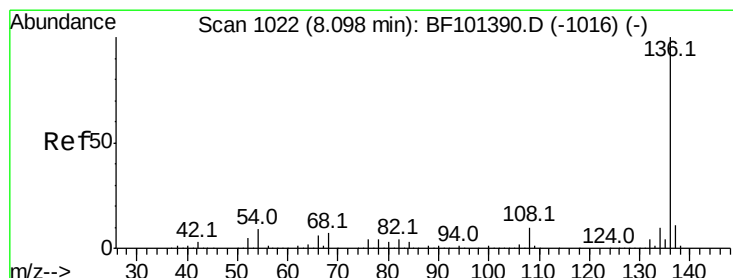
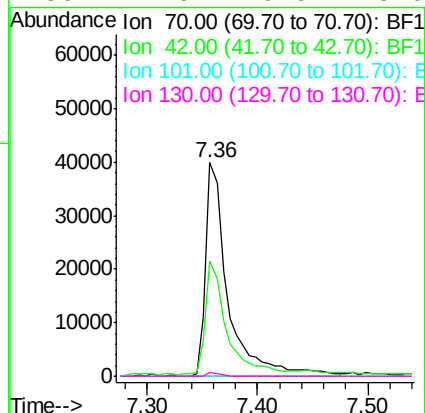
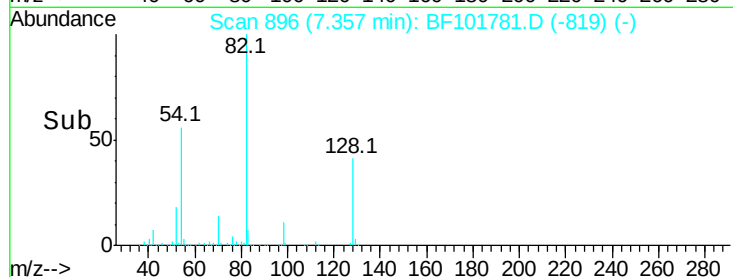
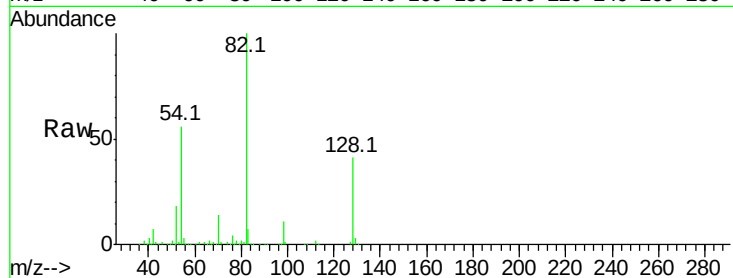




#19
n-Nitroso-di-n-propylamine
Concen: 6.558 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

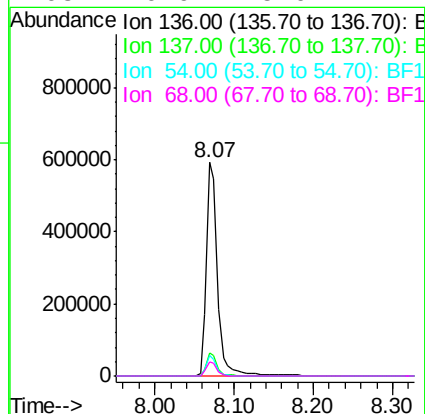
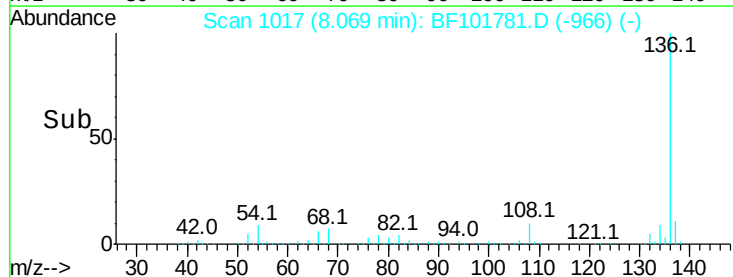
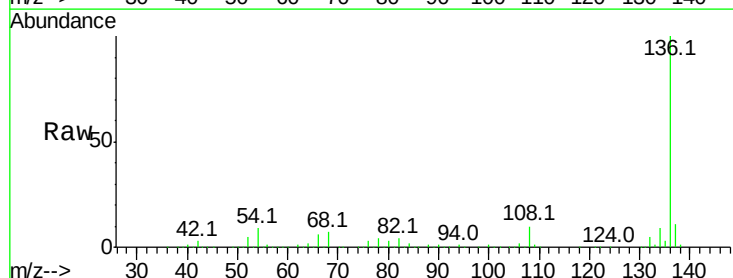
Instrument :
BNA_F
ClientSampleId :

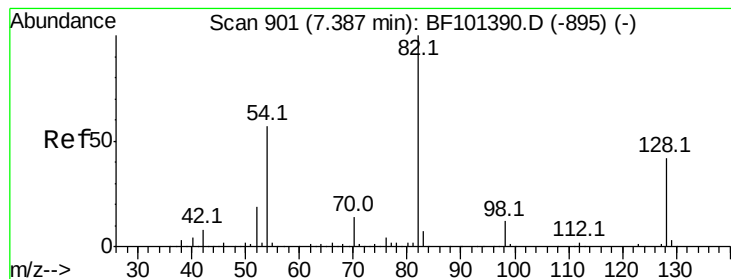
Tot Ion: 70 Resp: 55117
Ion Ratio Lower Upper
70 100
42 53.8 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Tgt Ion: 136 Resp: 593527
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.4 6.6 9.8
68 6.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 39.232 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampled :

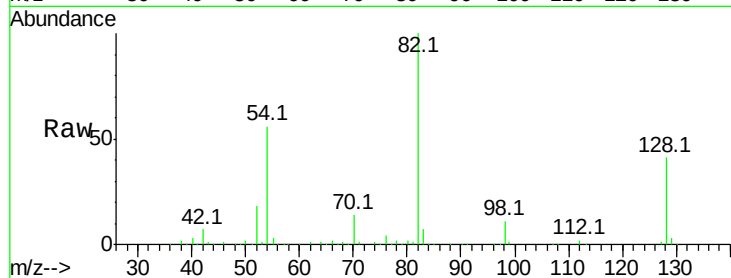
Tot Ion: 82 Resp: 418309

Ion Ratio Lower Upper

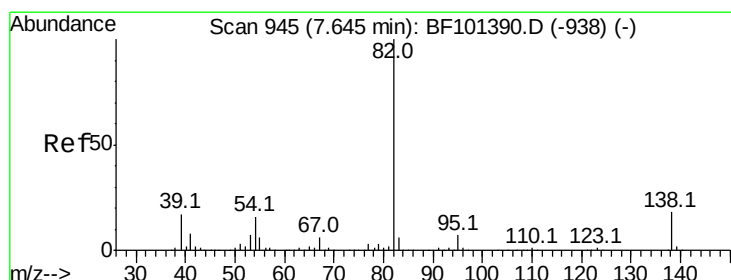
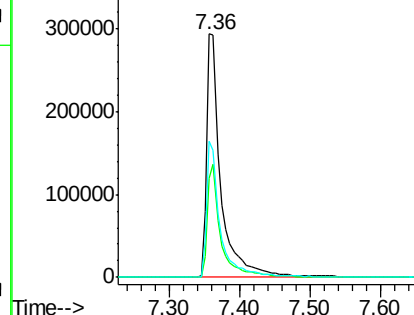
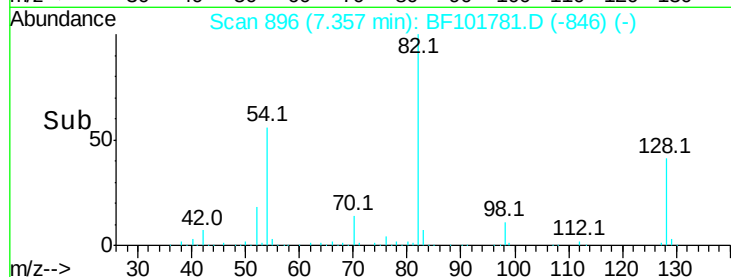
82 100

128 40.8 36.1 54.1

54 55.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 19.557 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

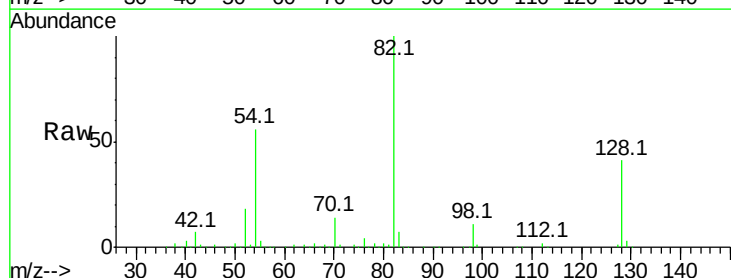
Tgt Ion: 82 Resp: 418309

Ion Ratio Lower Upper

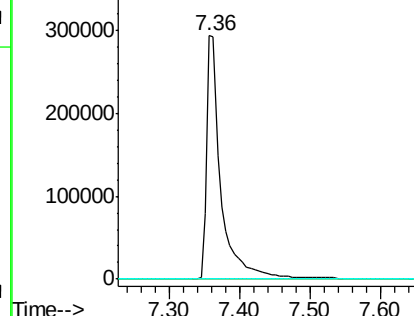
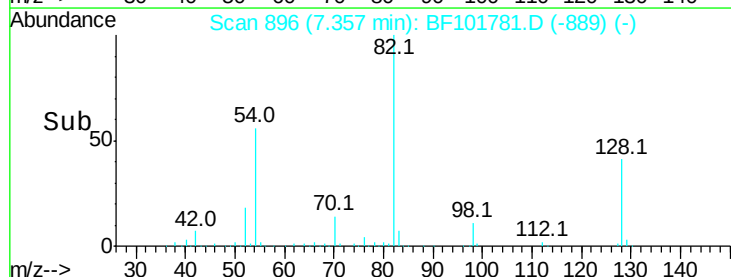
82 100

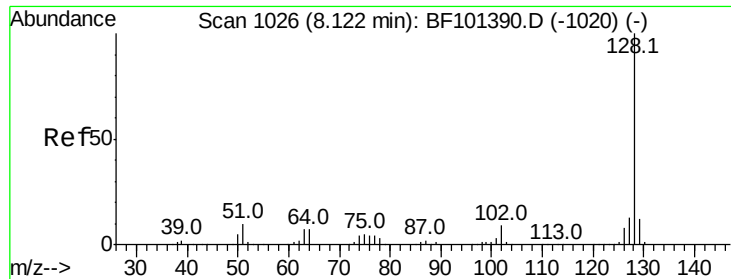
95 0.0 5.2 7.8#

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

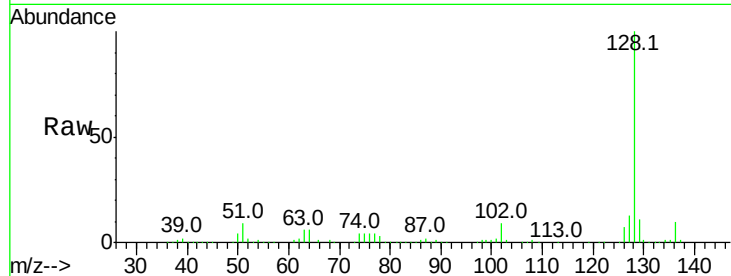




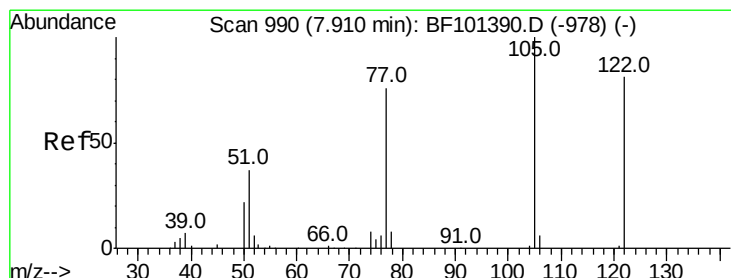
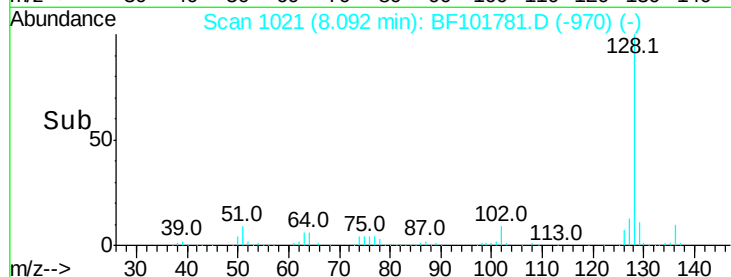
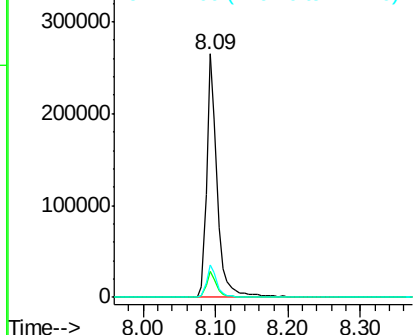
#31
Naphthalene
Concen: 8.982 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 268387
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.9 16.3

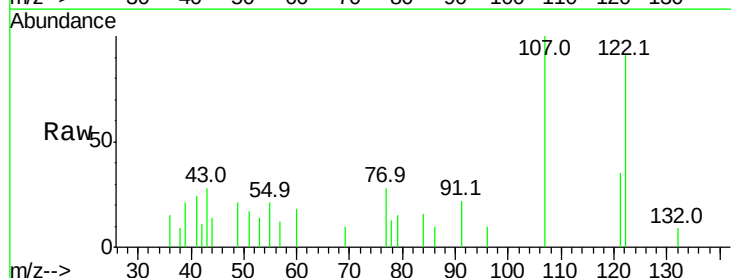


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

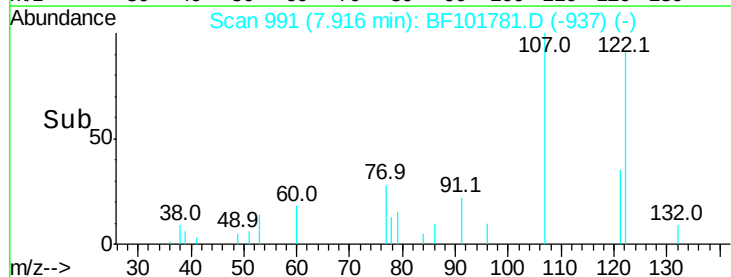
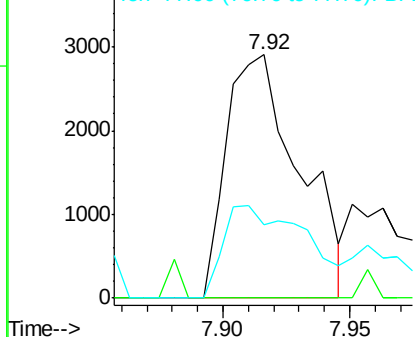


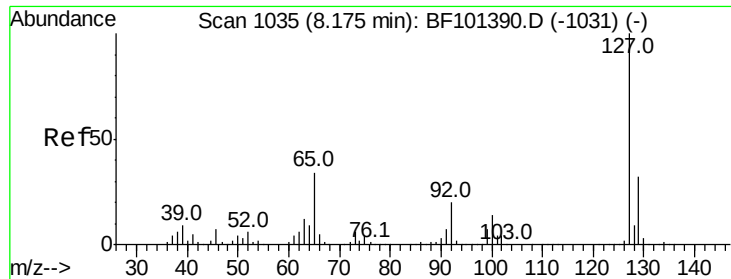
#32
Benzoic acid
Concen: 8.798 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.02 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Tgt Ion:122 Resp: 5822
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 30.2 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

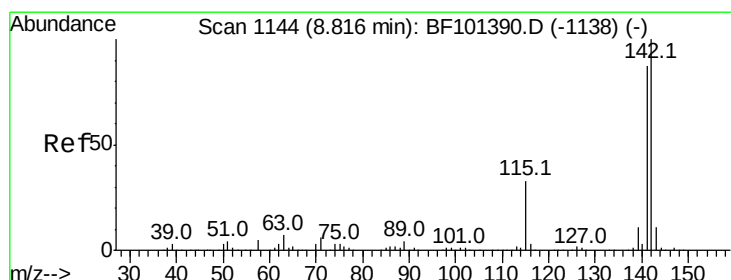
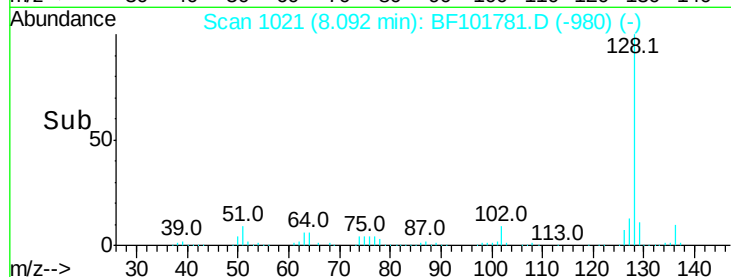
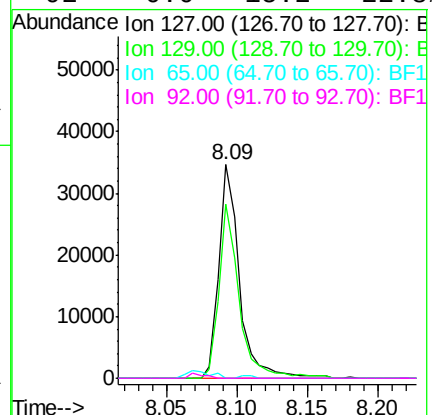
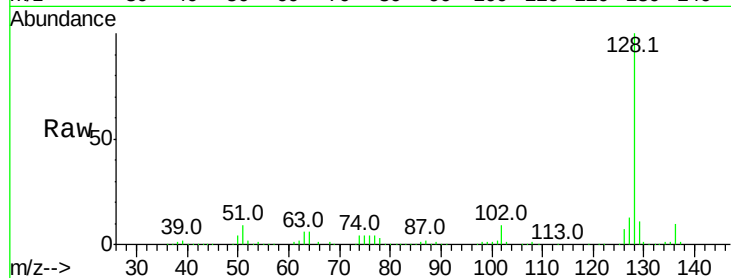




#33
 4-Chloroaniline
 Concen: 2.716 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.06 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

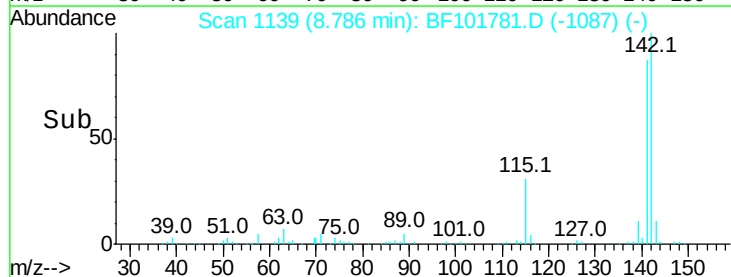
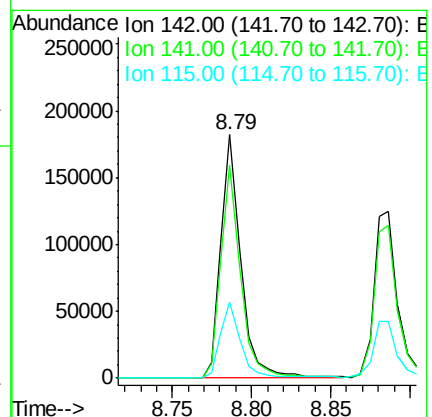
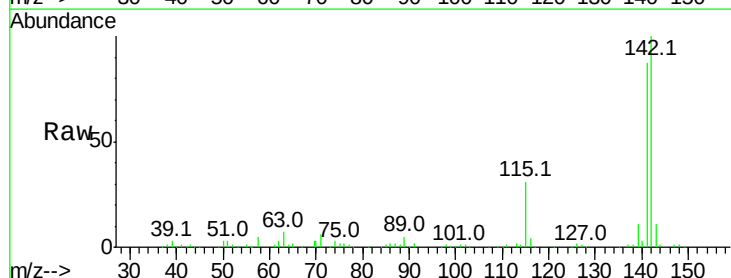
Instrument :
 BNA_F
 ClientSampleId :

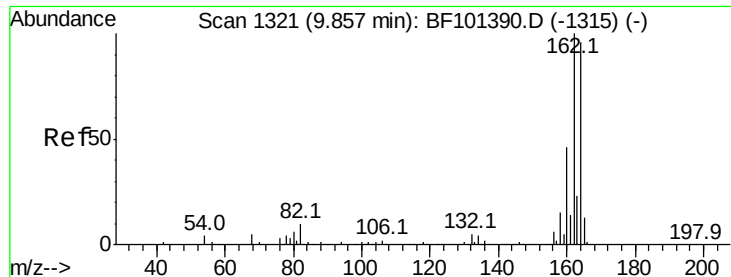
Tot Ion:127 Resp: 35274
 Ion Ratio Lower Upper
 127 100
 129 81.7 25.9 38.9#
 65 0.0 25.0 37.4#
 92 0.0 15.2 22.8#



#37
 2-Methylnaphthalene
 Concen: 8.286 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Tgt Ion:142 Resp: 161302
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.8 106.2
 115 31.0 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampleId :

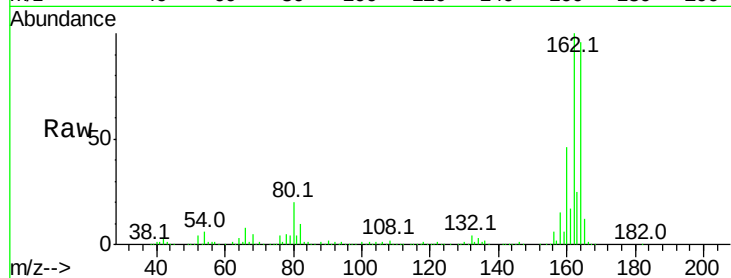
Tot Ion:164 Resp: 251672

Ion Ratio Lower Upper

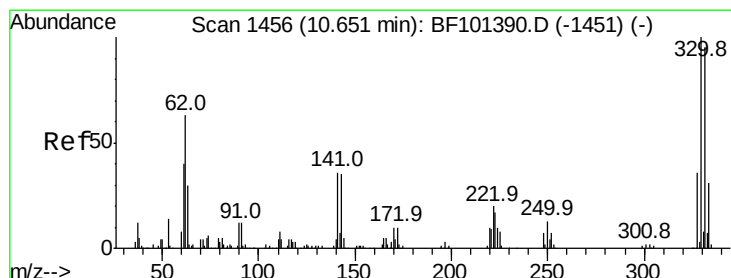
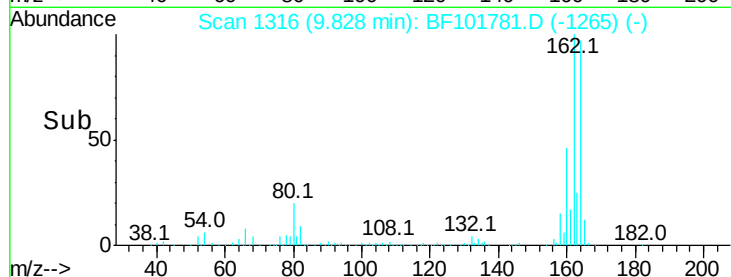
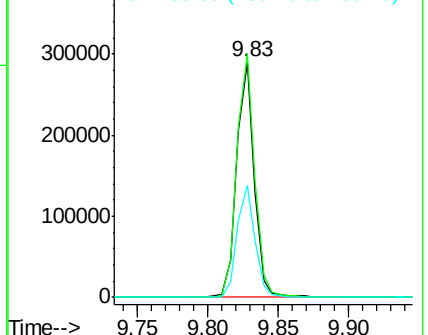
164 100

162 103.7 86.1 129.1

160 47.6 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: 51.278 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

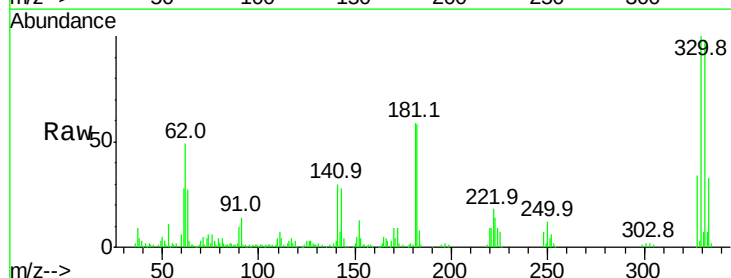
Tgt Ion:330 Resp: 124352

Ion Ratio Lower Upper

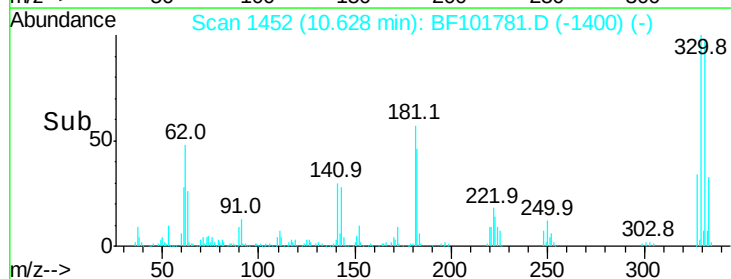
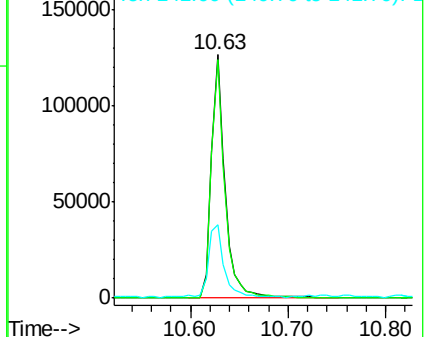
330 100

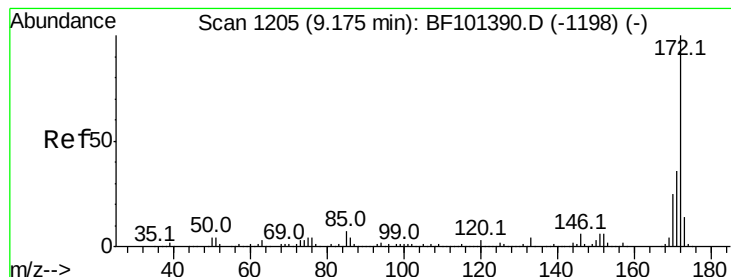
332 96.7 77.0 115.6

141 33.8 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: 45.445 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampled :

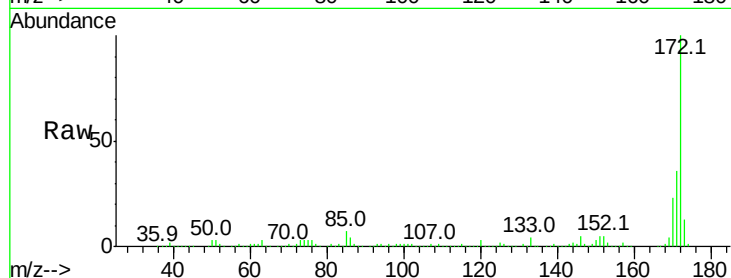
Tot Ion:172 Resp: 737292

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

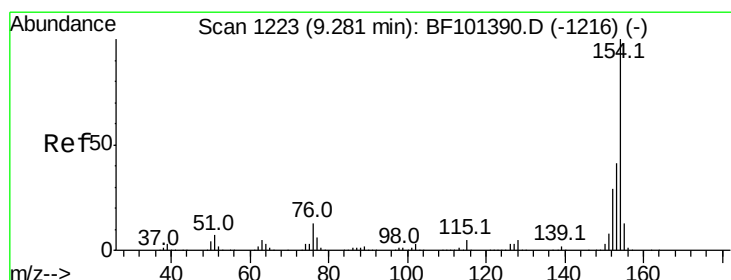
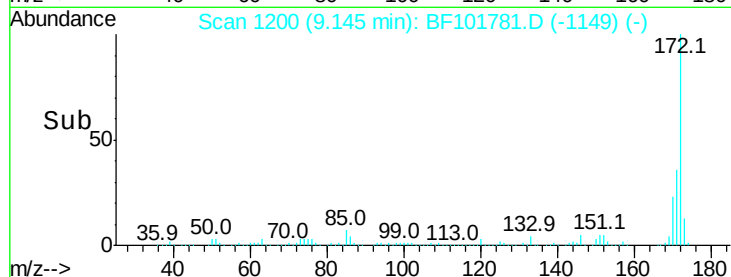
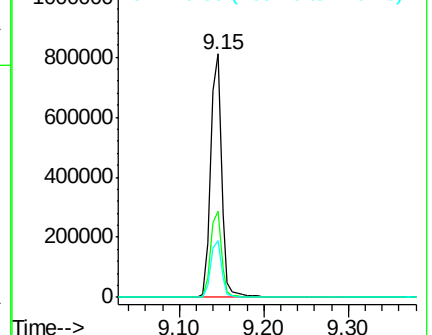
170 23.4 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 2.773 ng

RT: 9.25 min Scan# 1218

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

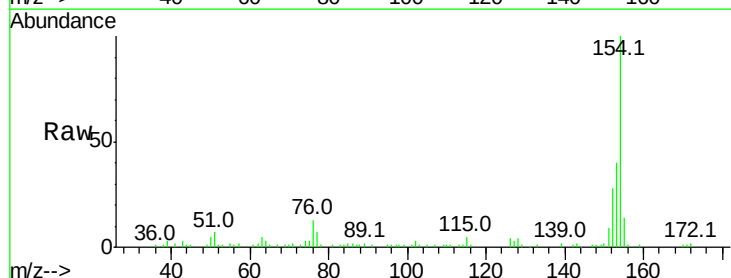
Tgt Ion:154 Resp: 61895

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

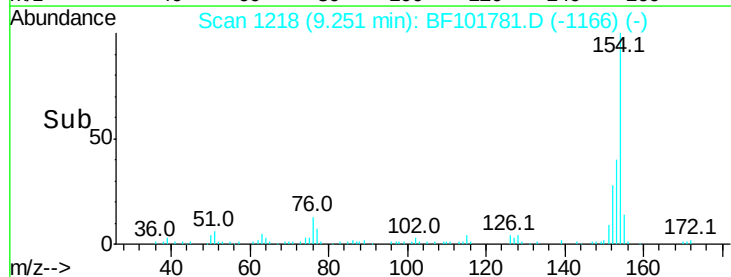
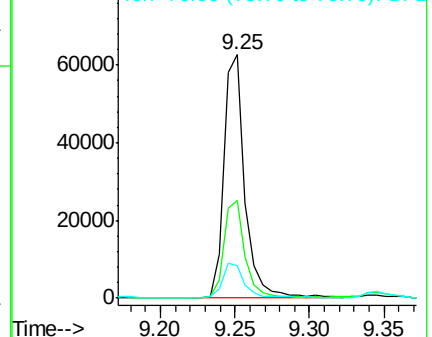
76 13.2 0.0 34.0

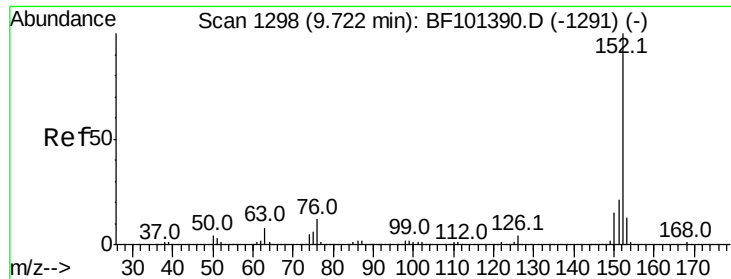


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 2.284 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF101781.D

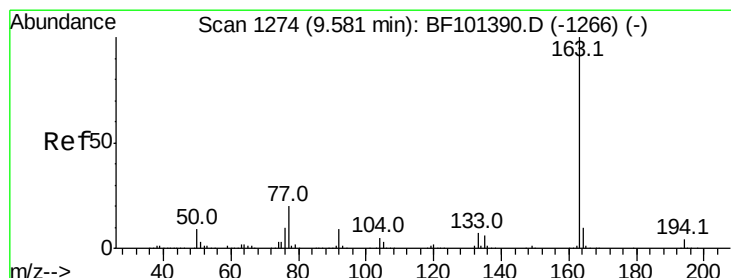
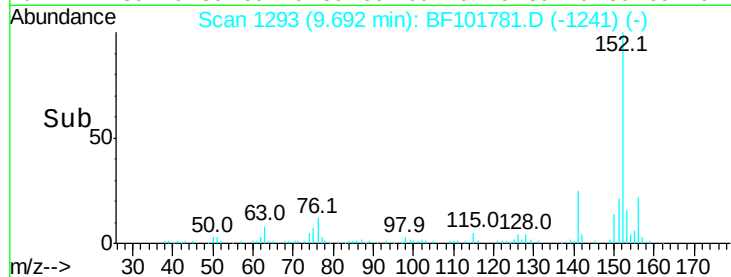
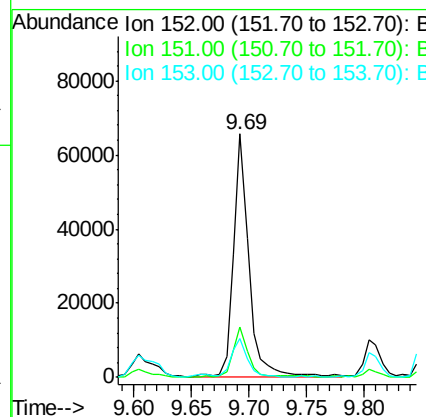
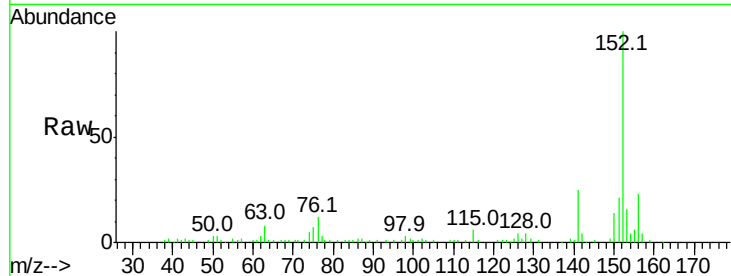
Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	152	Resp:	61604
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	16.2	10.7	16.1#



#49

Dimethylphthalate

Concen: 3.157 ng

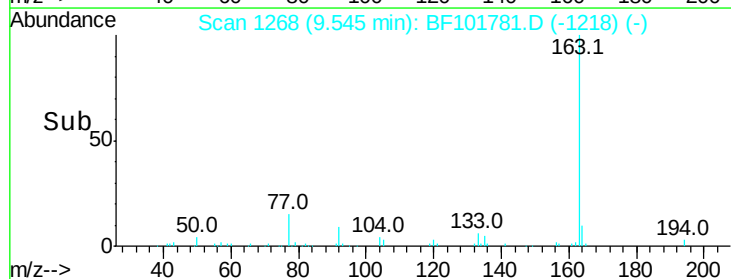
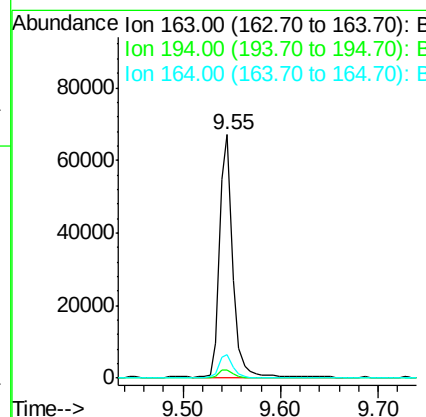
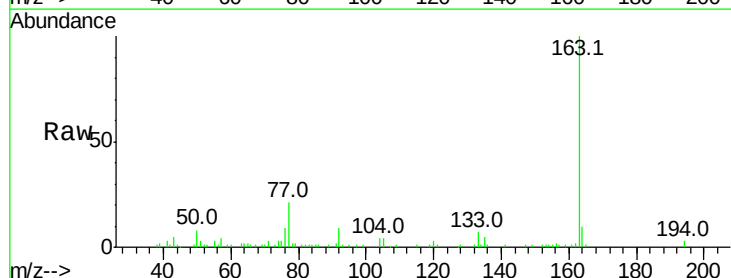
RT: 9.55 min Scan# 1268

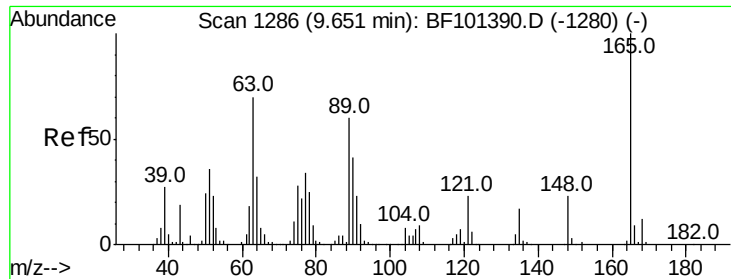
Delta R.T. -0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Tgt Ion:	163	Resp:	63913
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	8.2	12.2

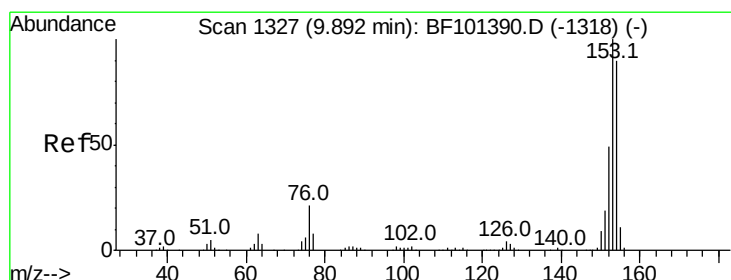
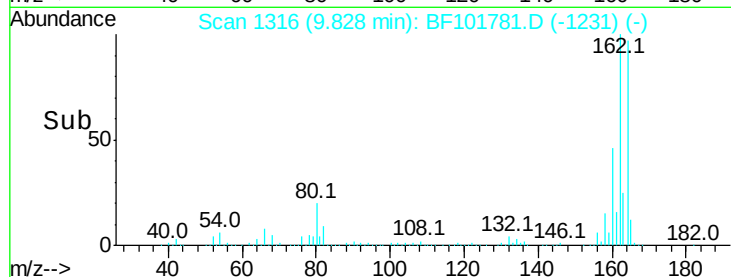
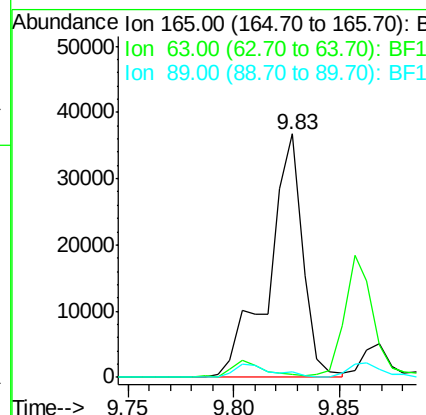
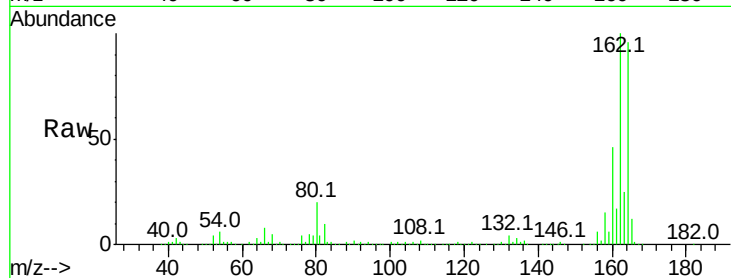




#50
 2,6-Dinitrotoluene
 Concen: 10.049 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

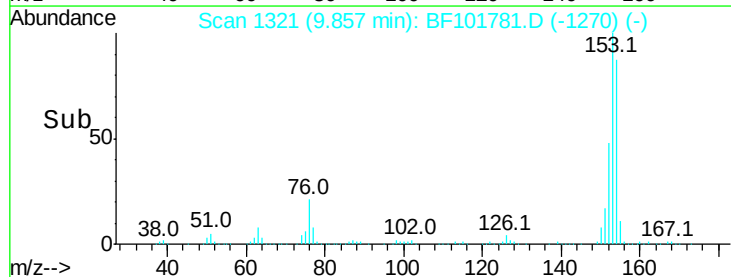
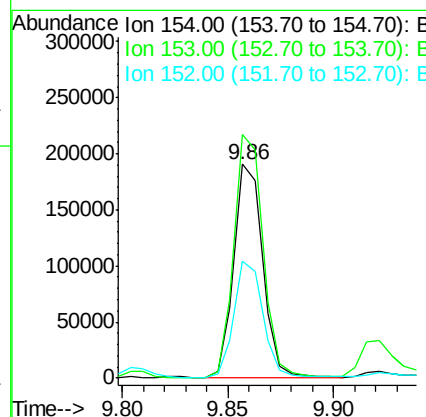
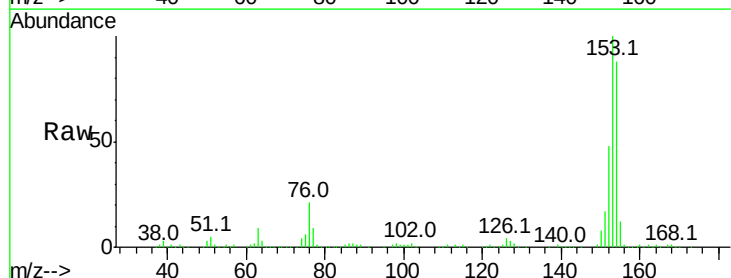
Instrument :
 BNA_F
 ClientSampleId :

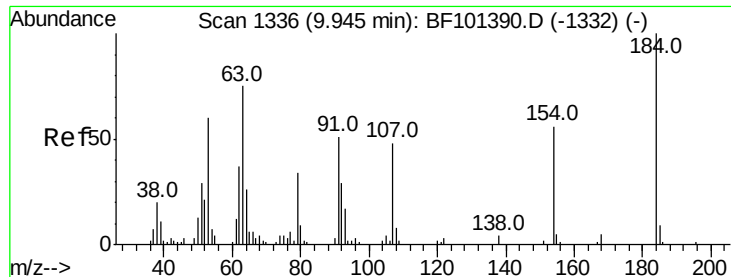
Tot Ion:165 Resp: 41346
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 2.2 44.0 66.0#



#51
 Acenaphthene
 Concen: 11.011 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Tgt Ion:154 Resp: 178449
 Ion Ratio Lower Upper
 154 100
 153 114.0 91.2 136.8
 152 54.9 43.8 65.8

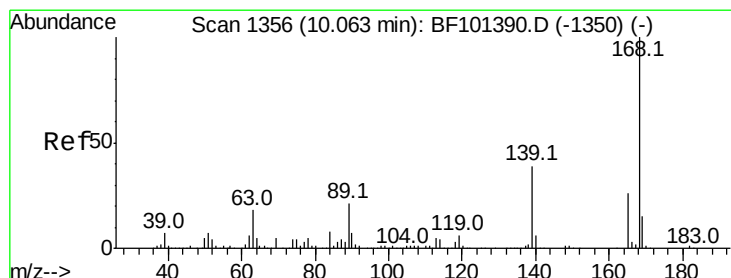
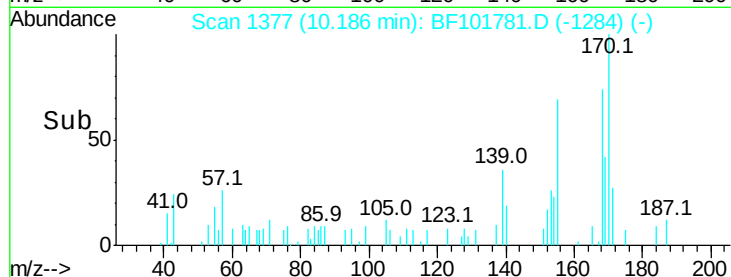
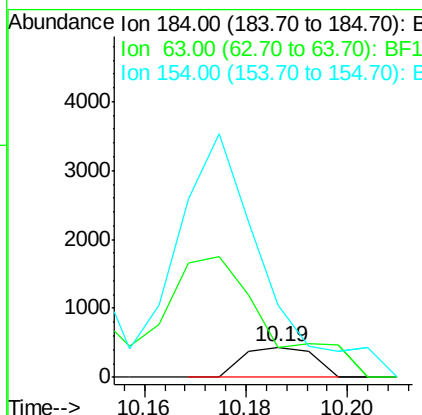
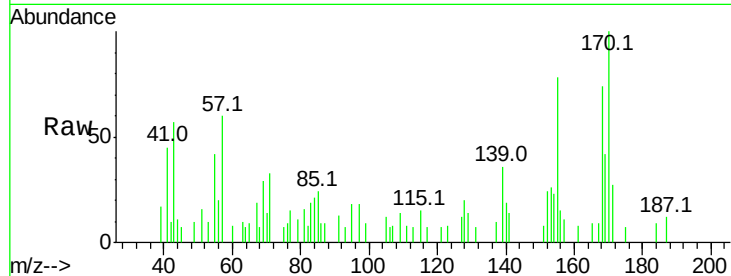




#53
 2,4-Dinitrophenol
 Concen: 10.575 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.25 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

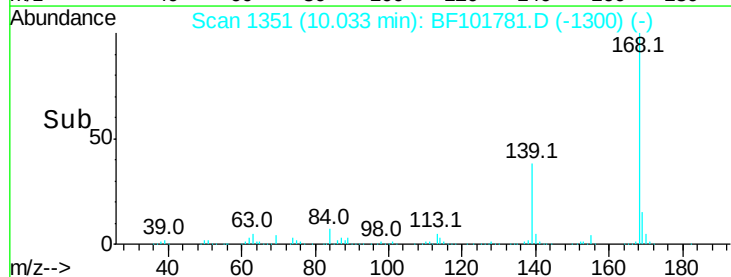
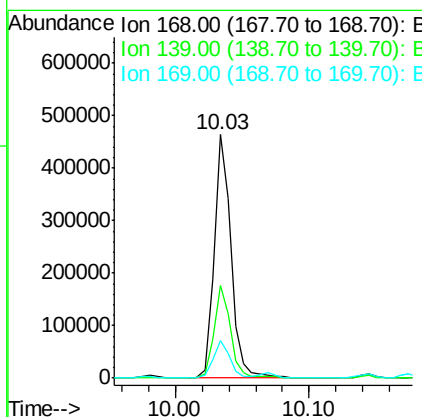
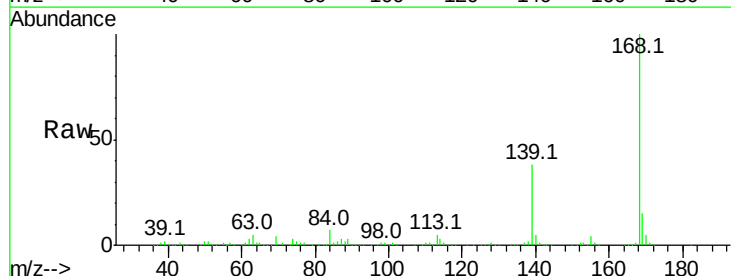
Instrument :
 BNA_F
 ClientSampleId :

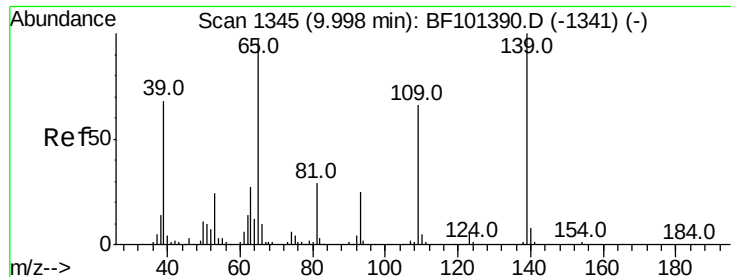
Tot Ion:184 Resp: 419
 Ion Ratio Lower Upper
 184 100
 63 101.1 54.2 81.2#
 154 240.7 184.0 276.0



#54
 Dibenzofuran
 Concen: 19.995 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.00 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Tgt Ion:168 Resp: 411797
 Ion Ratio Lower Upper
 168 100
 139 37.8 30.1 45.1
 169 15.3 10.9 16.3





#55

4-Nitrophenol

Concen: 70.320 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.05 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampleId :

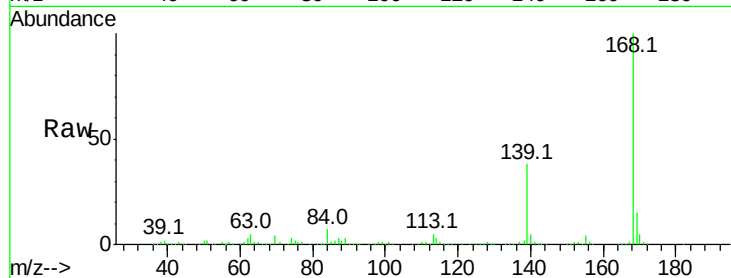
Tot Ion:139 Resp: 157287

Ion Ratio Lower Upper

139 100

109 1.0 48.4 88.4#

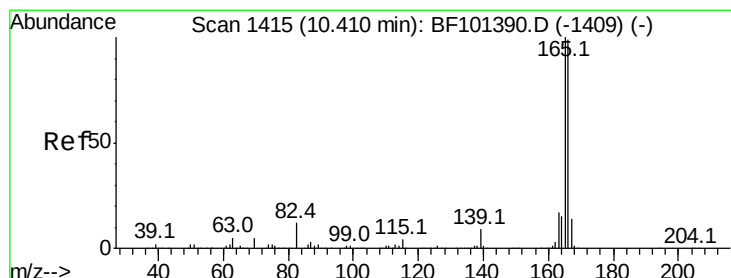
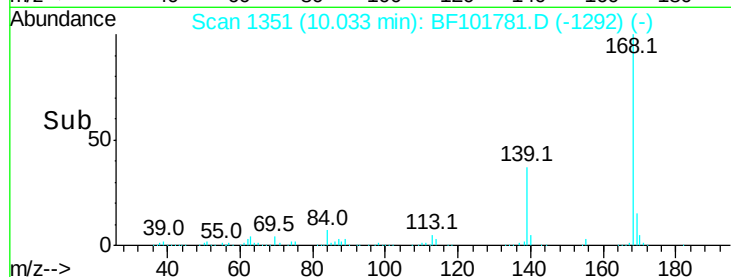
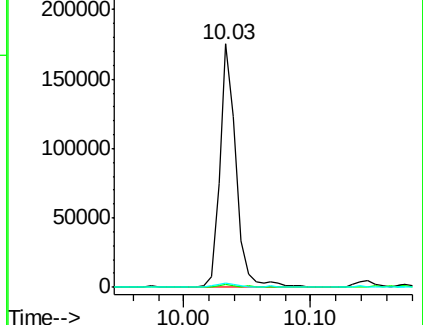
65 2.0 72.6 112.6#



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



#57

Fluorene

Concen: 15.562 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

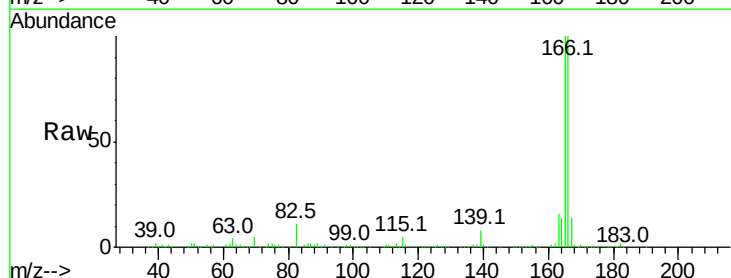
Tgt Ion:166 Resp: 271135

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

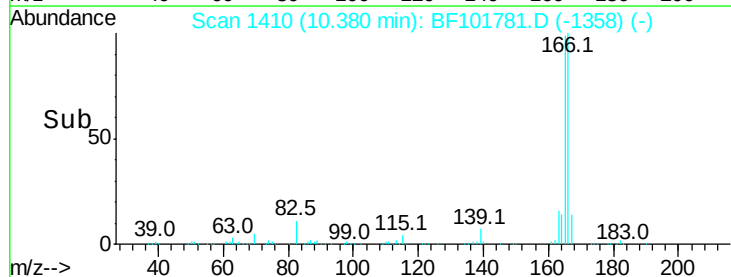
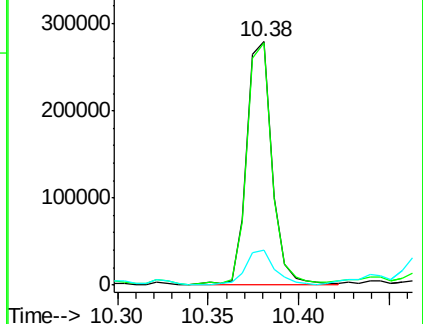
167 14.3 10.6 16.0

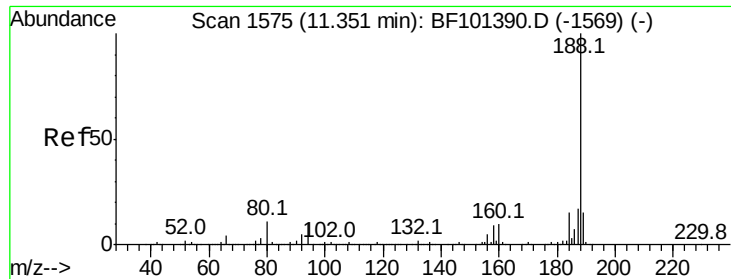


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

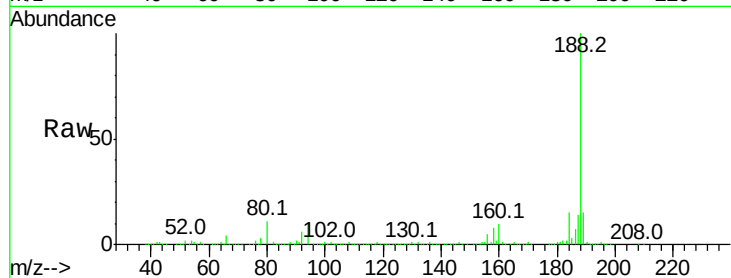




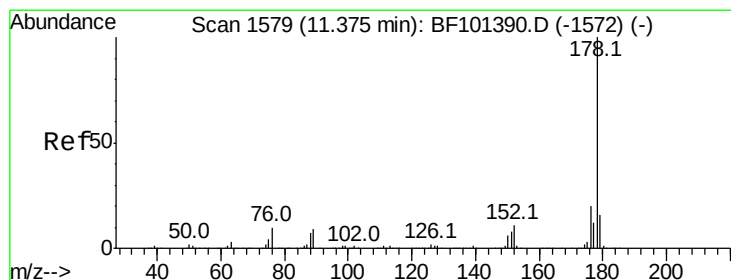
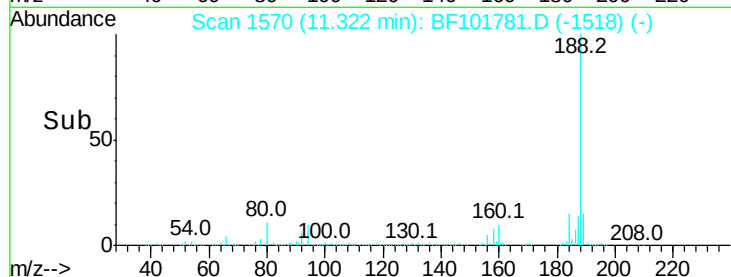
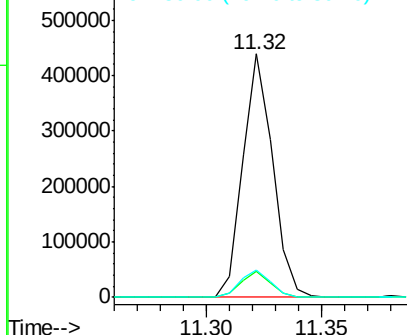
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 397578
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.1 9.2 13.8

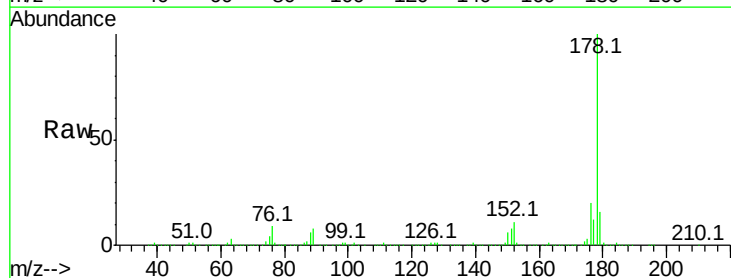


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

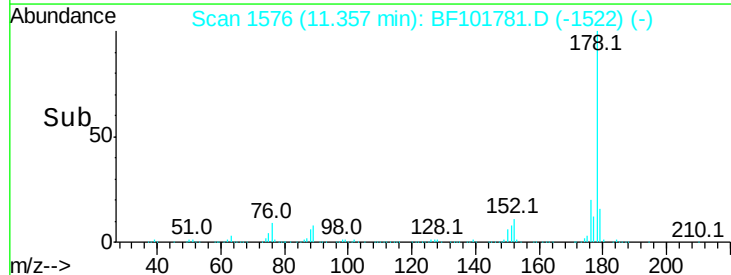
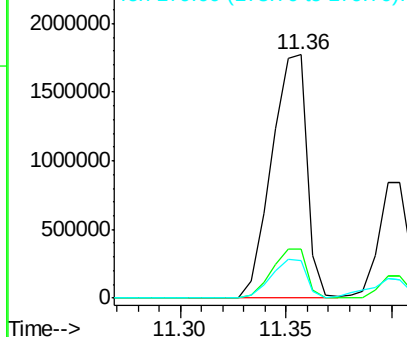


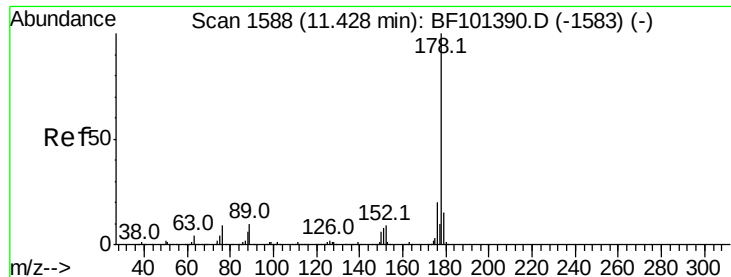
#70
Phenanthrene
Concen: 93.258 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.02 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Tgt Ion:178 Resp: 2061932
Ion Ratio Lower Upper
178 100
176 20.4 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

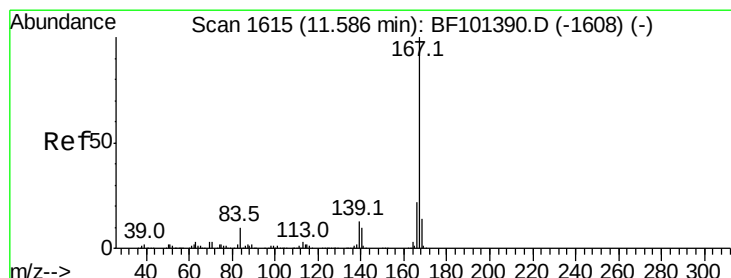
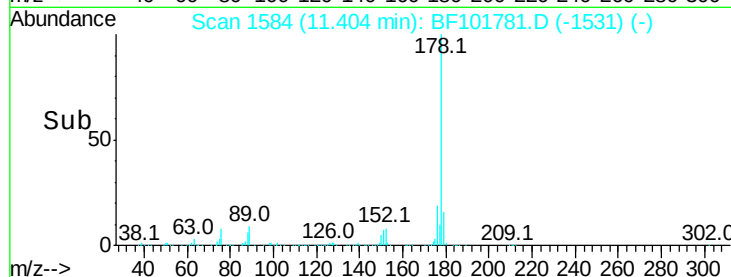
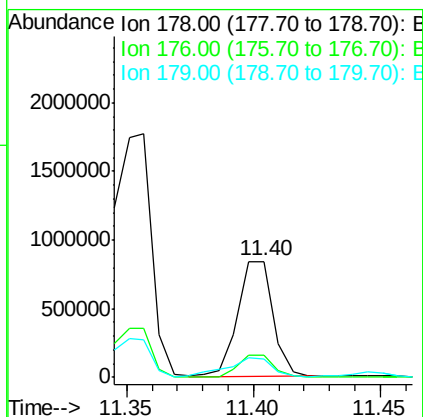
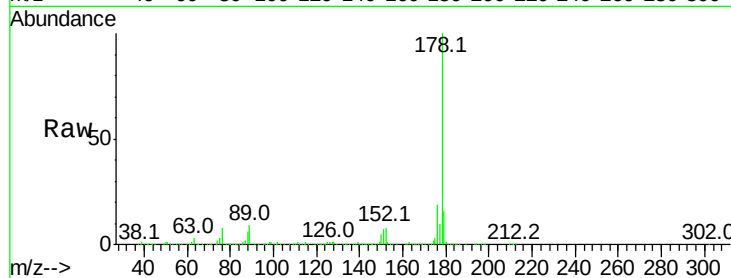




#71
 Anthracene
 Concen: 36.395 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

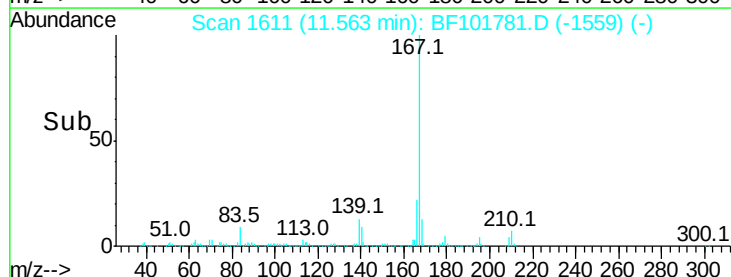
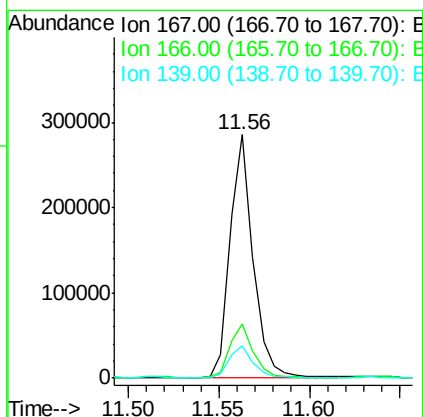
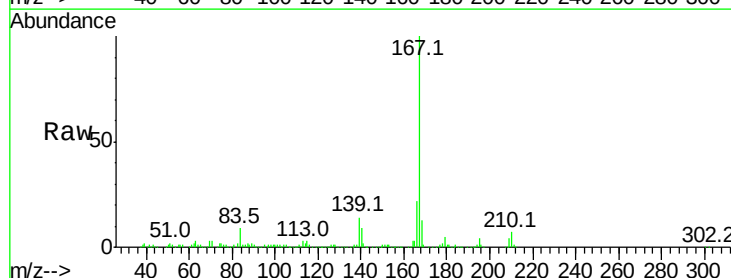
Instrument :
 BNA_F
 ClientSampleId :

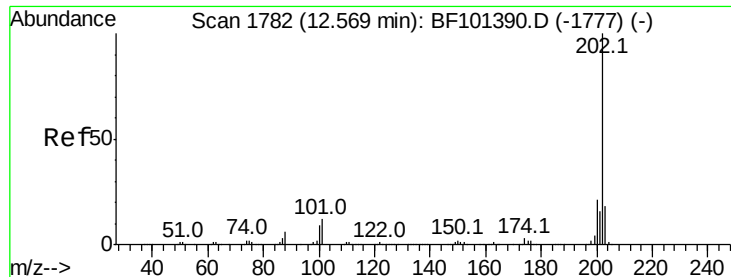
Tot Ion:178 Resp: 821978
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 12.018 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Tgt Ion:167 Resp: 254118
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 10.9 16.3





#74

Fluoranthene

Concen: 73.056 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampleId :

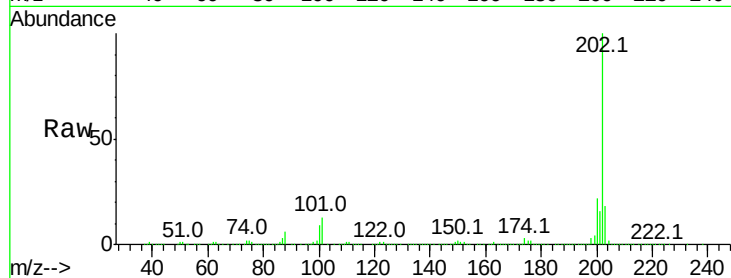
Tot Ion:202 Resp: 1695452

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	18.3	0.0	38.1

202 100

101 12.7 0.0 34.1

203 18.3 0.0 38.1

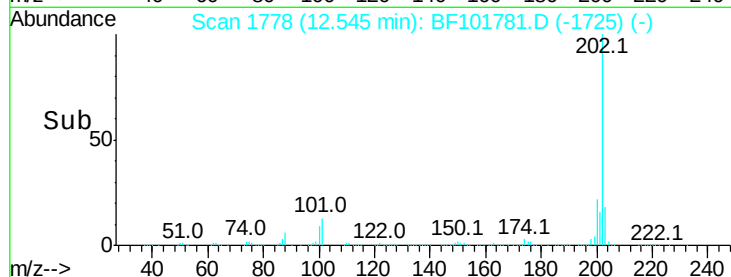


Abundance Ion 202.00 (201.70 to 202.70): E

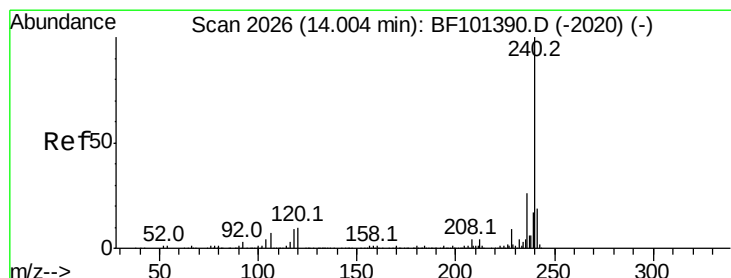
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

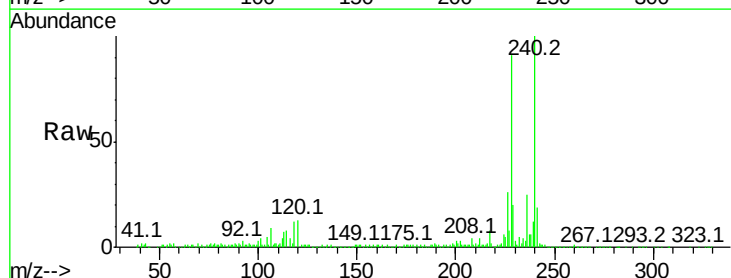
Tgt Ion:240 Resp: 283204

Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	25.3	20.7	31.1

240 100

120 12.8 9.5 14.3

236 25.3 20.7 31.1

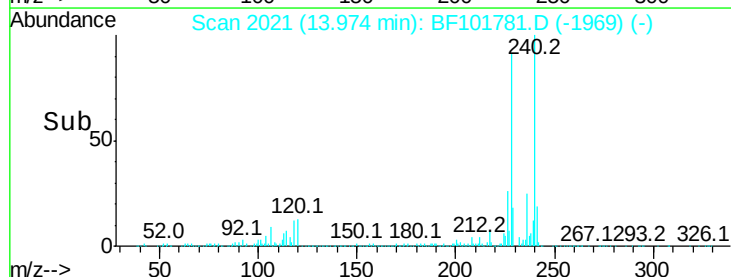


Abundance Ion 240.00 (239.70 to 240.70): E

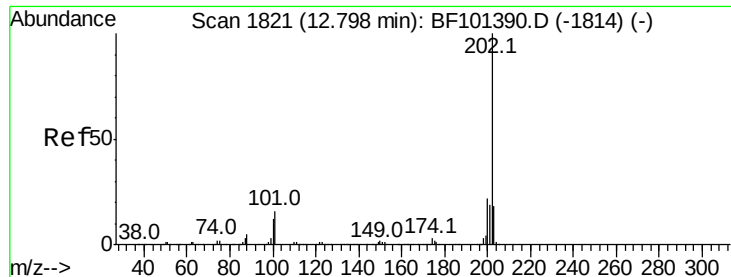
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#77

Pvrene

Concen: 69.543 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampleId :

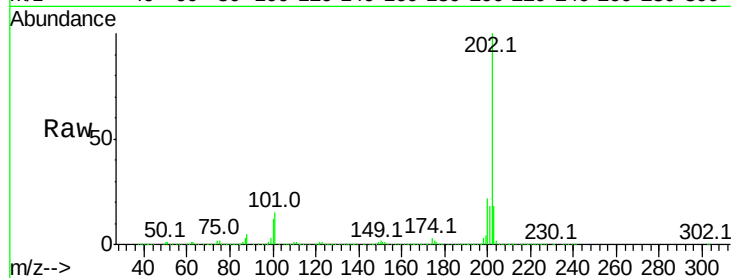
Tot Ion:202 Resp: 1478104

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

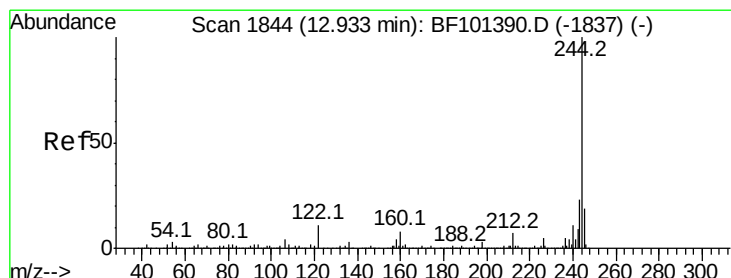
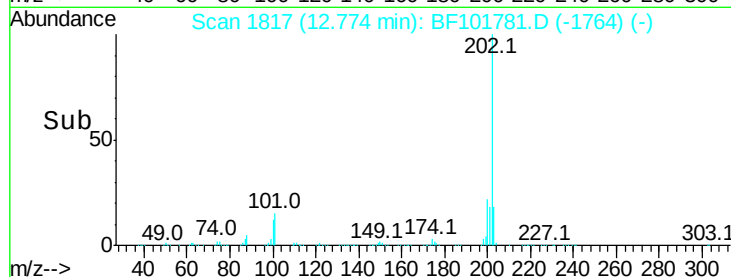
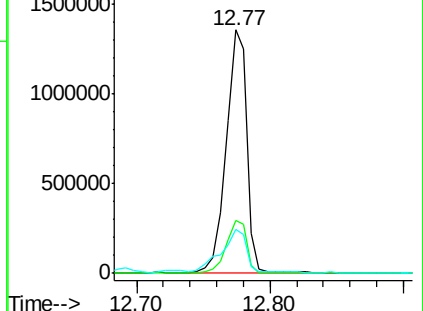
203 17.9 14.3 21.5



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: 43.029 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

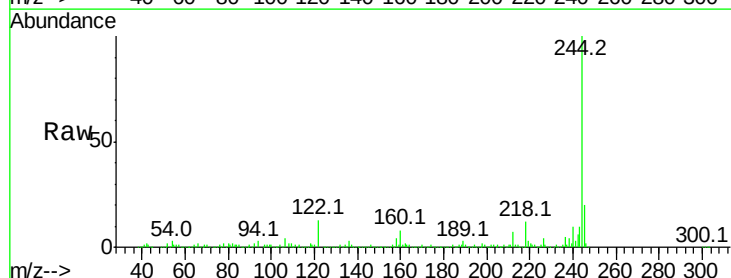
Tgt Ion:244 Resp: 505478

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

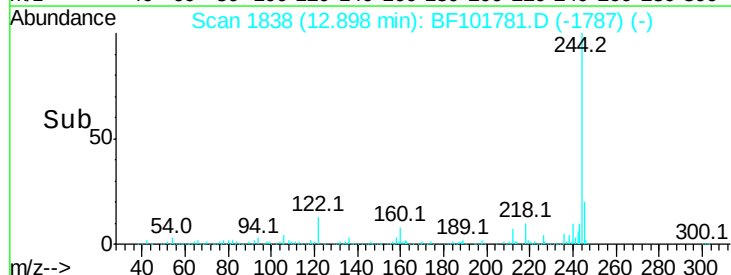
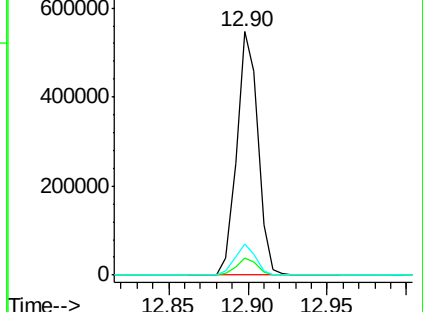
122 13.0 11.0 16.4

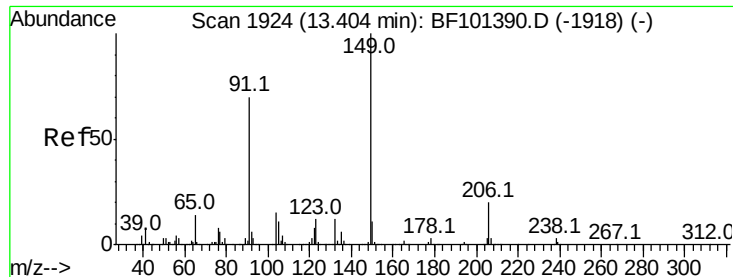


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

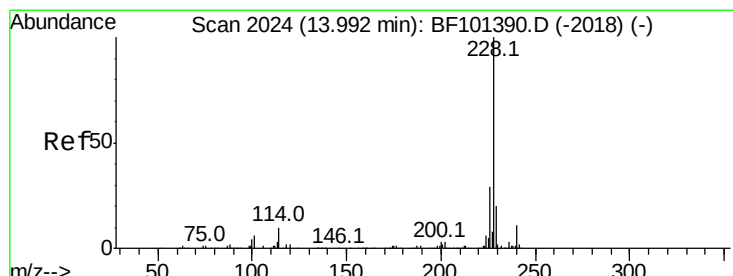
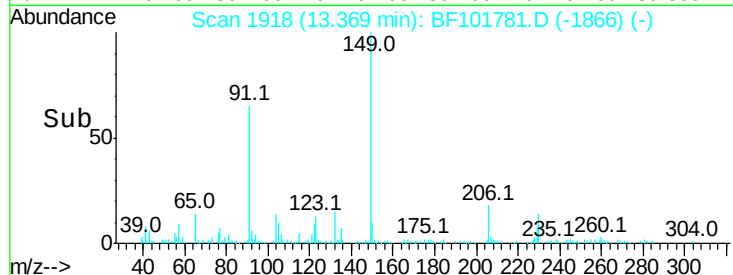
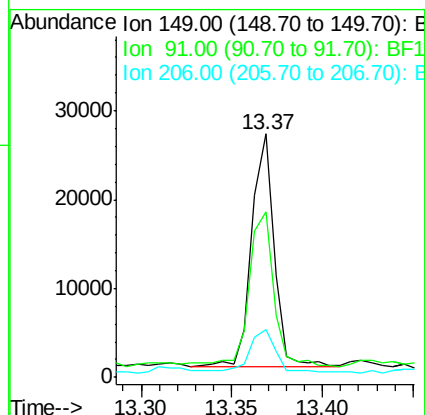
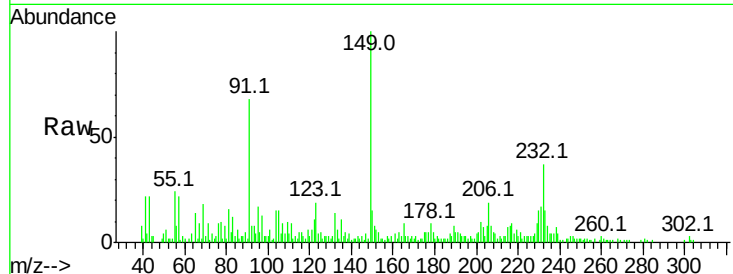




#79
 Butylbenzylphthalate
 Concen: 2.343 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.01 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

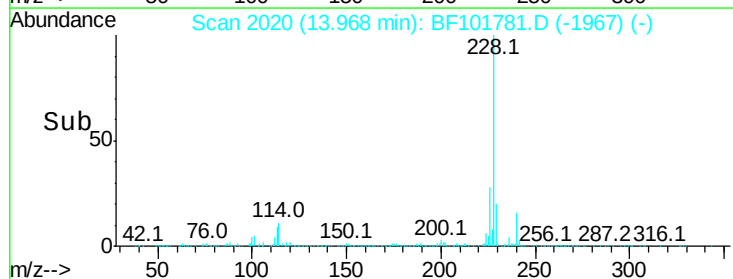
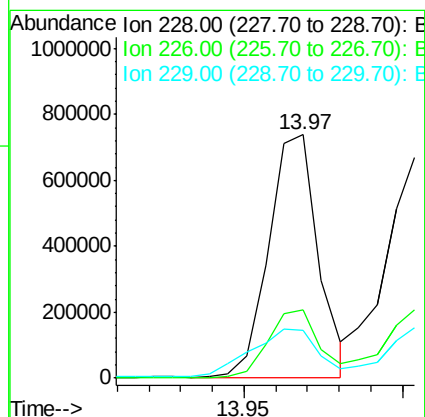
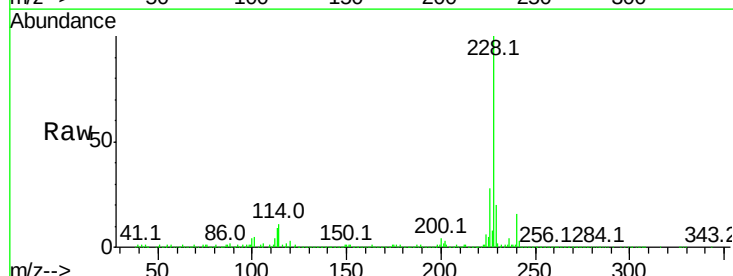
Instrument :
 BNA_F
 ClientSampleId :

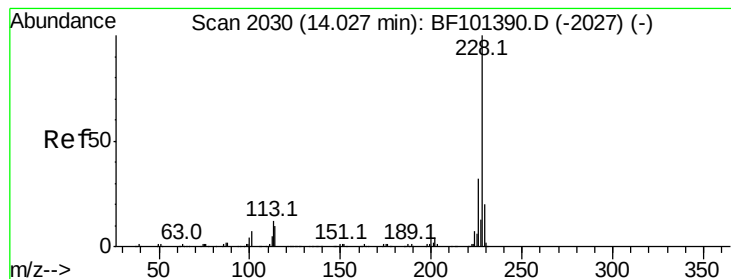
Tot Ion:	149	Resp:	22535
Ion	Ratio	Lower	Upper
149	100		
91	67.8	56.8	85.2
206	19.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 42.719 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Tgt Ion:	228	Resp:	798867
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	15.8	23.6





#82

Chrysene

Concen: 38.254 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampled :

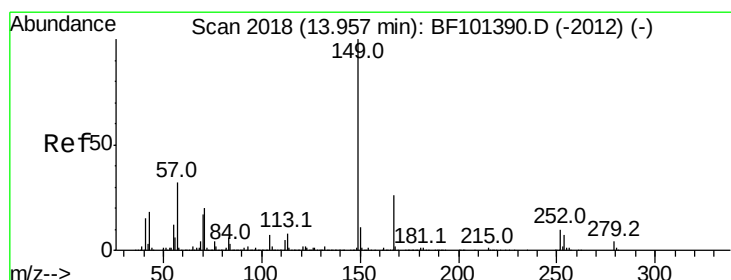
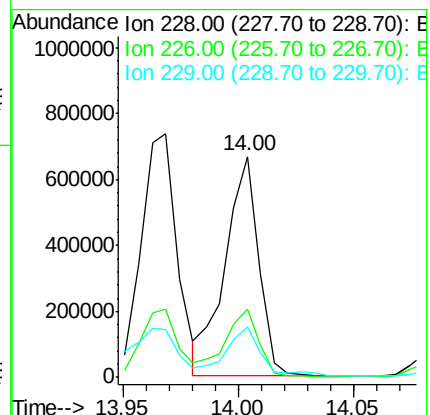
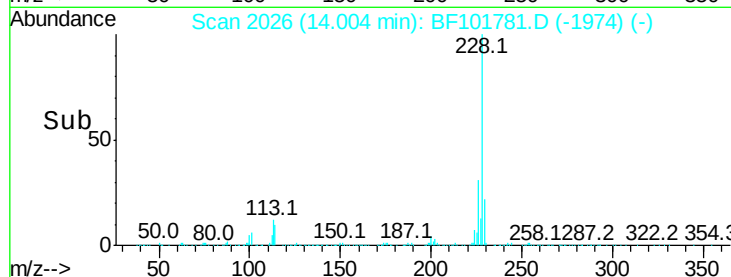
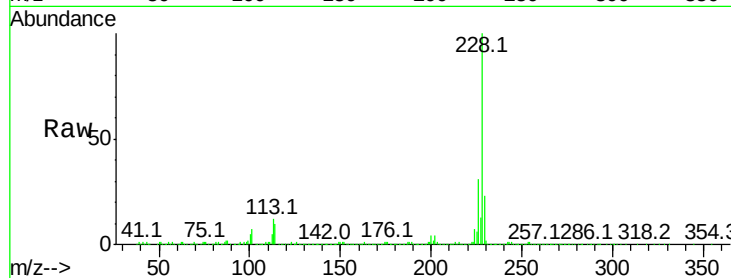
Tot Ion:228 Resp: 675429

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

229 22.5 16.2 24.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.797 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

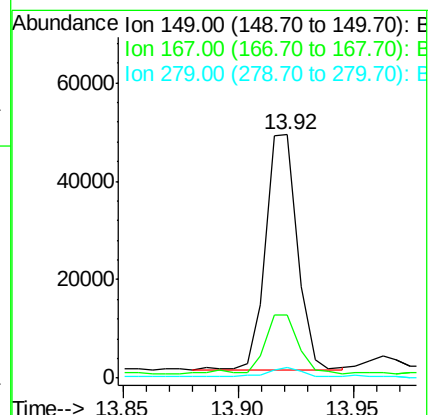
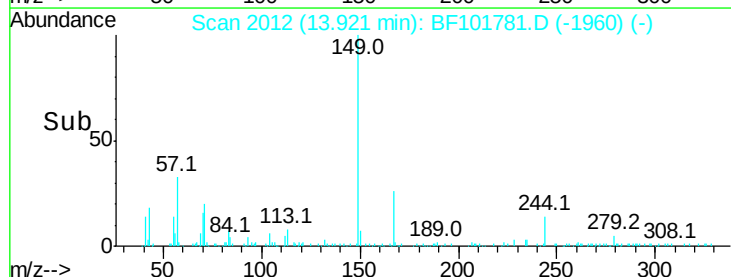
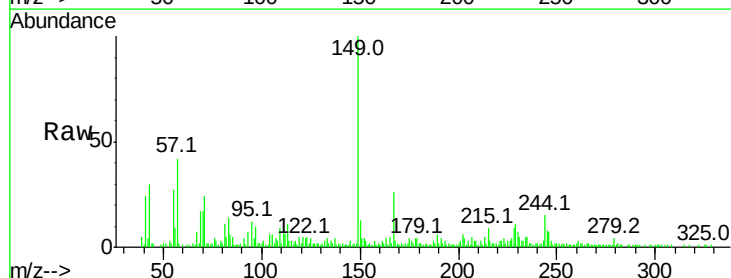
Tgt Ion:149 Resp: 46247

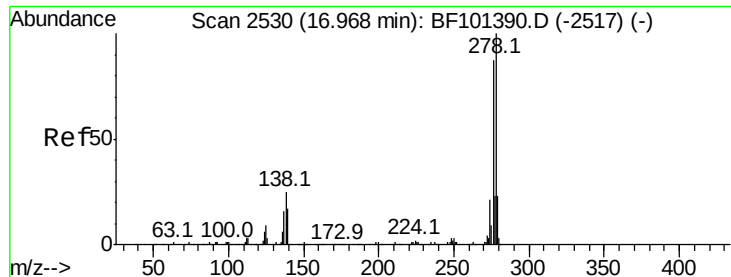
Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

279 4.4 3.0 4.4

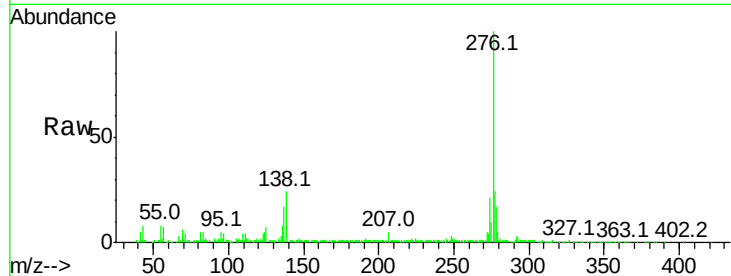




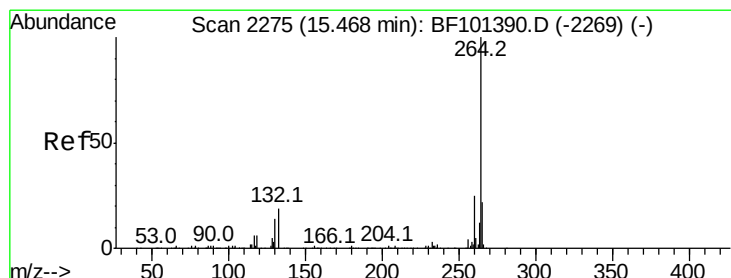
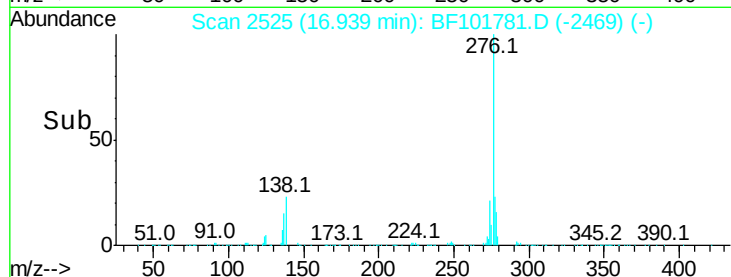
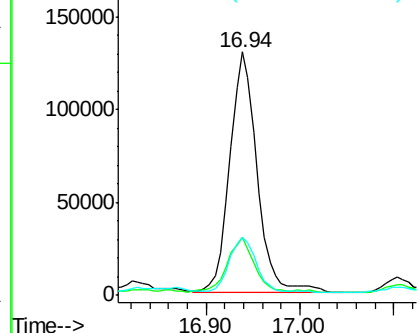
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.733 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.03 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	21.8	20.1	30.1

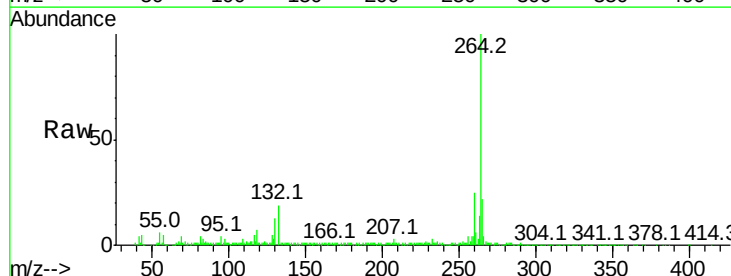


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

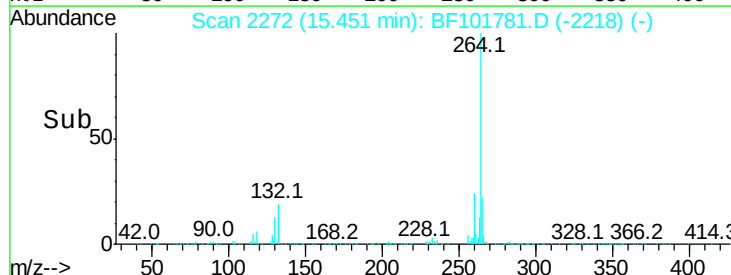
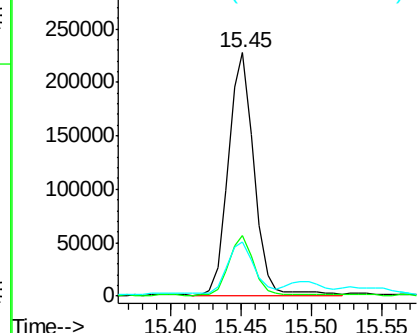


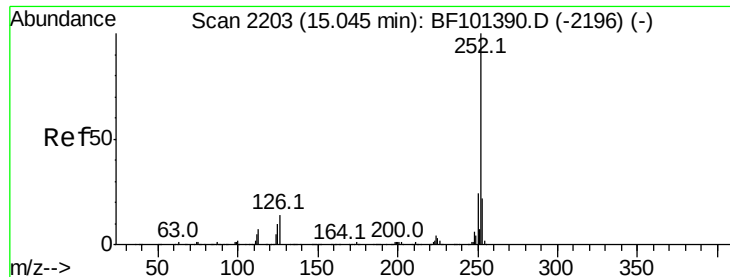
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.02 min
 Lab File: BF101781.D
 Acq: 27 Dec 2017 23:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	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

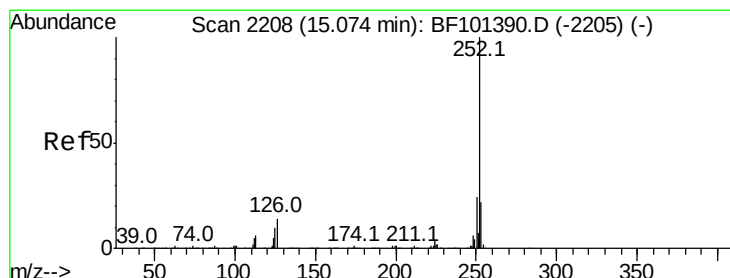
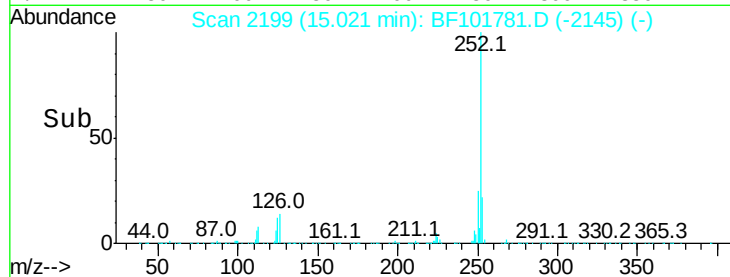
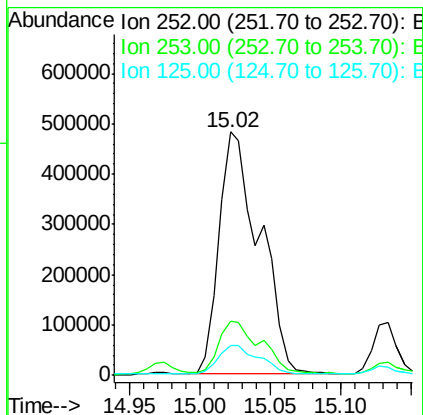
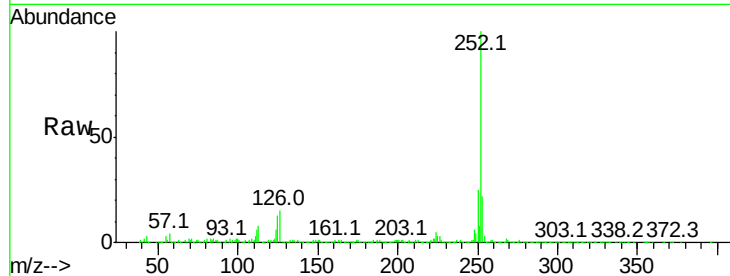




#87
Benzo(b)fluoranthene
Concen: 55.617 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

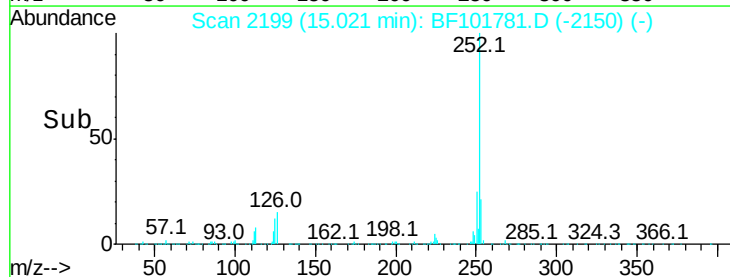
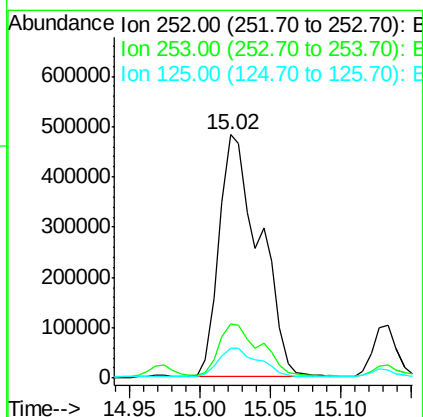
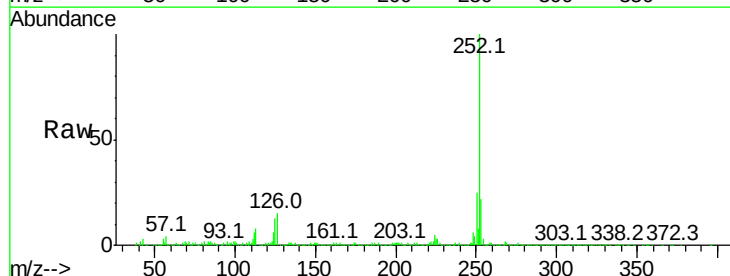
Instrument :
BNA_F
ClientSampleId :

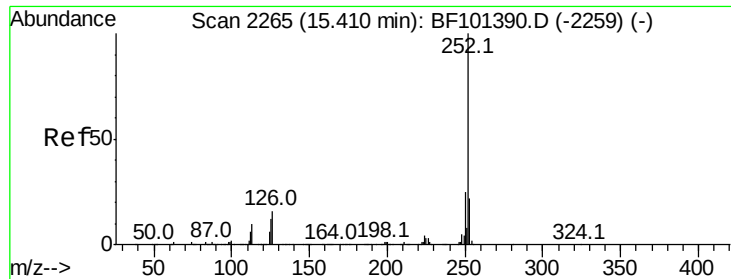
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.5	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 57.203 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	12.5	10.2	15.2

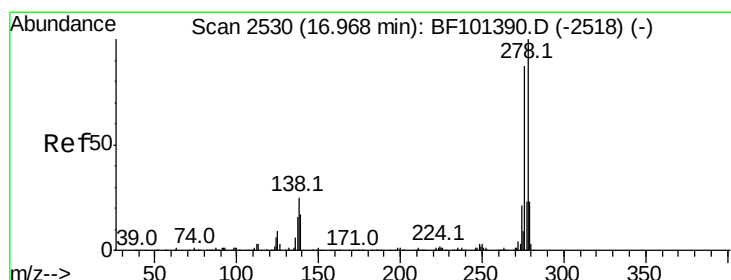
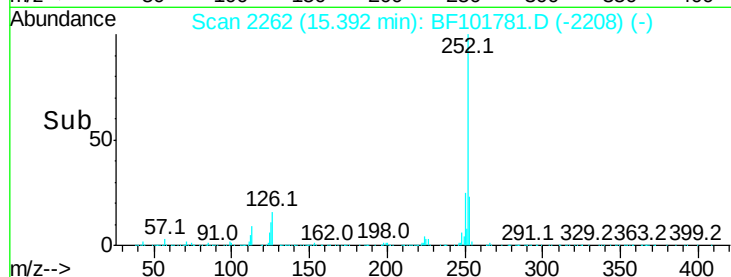
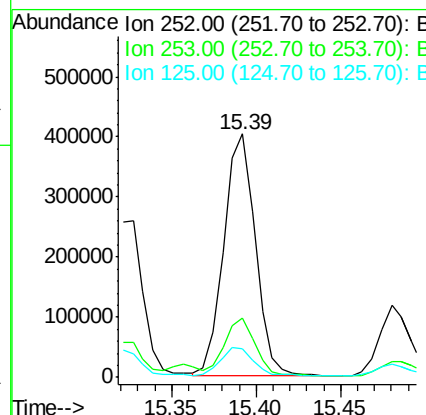
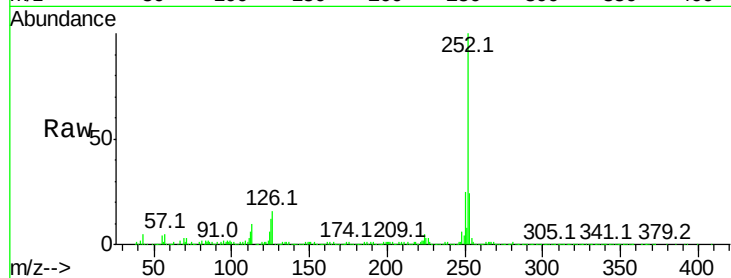




#89
Benzo(a)pyrene
Concen: 32.900 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

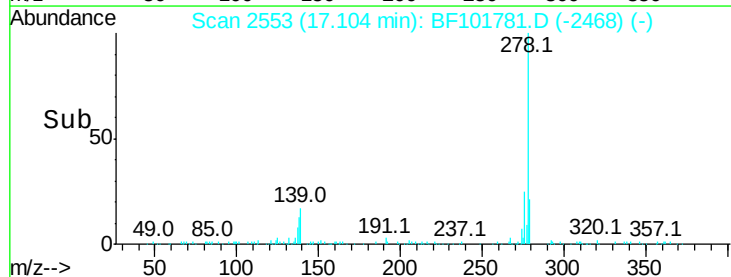
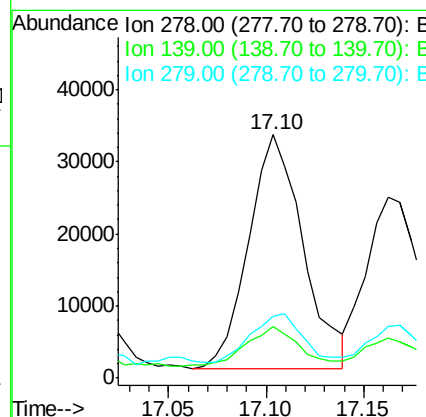
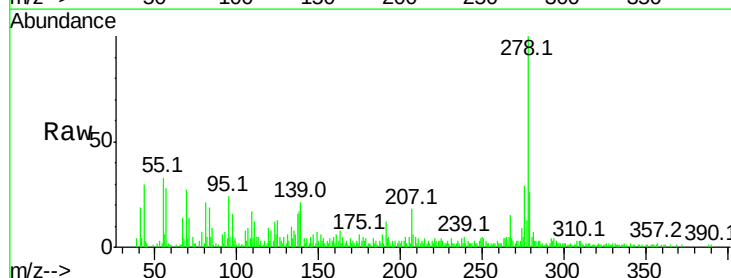
Instrument :
BNA_F
ClientSampled :

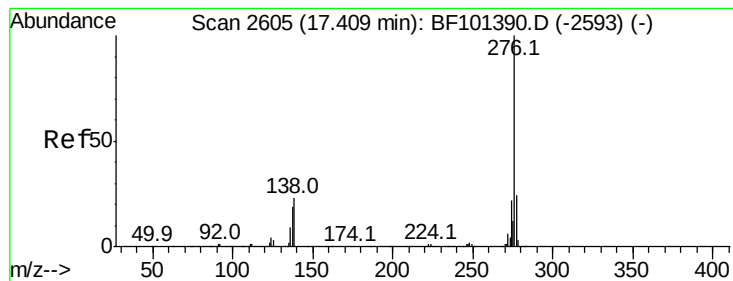
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	11.6	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.561 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.20 min
Lab File: BF101781.D
Acq: 27 Dec 2017 23:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	25.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 15.874 ng

RT: 17.39 min Scan# 2602

Delta R.T. 0.04 min

Lab File: BF101781.D

Acq: 27 Dec 2017 23:42

Instrument :

BNA_F

ClientSampleId :

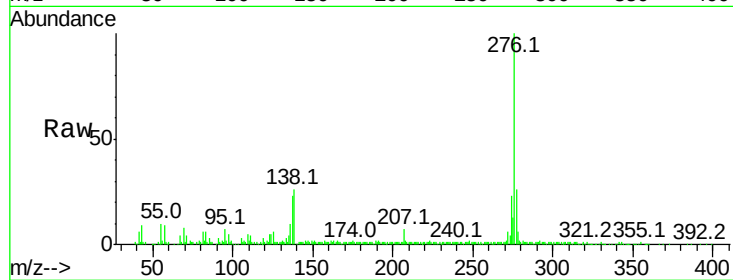
Tot Ion:276 Resp: 216106

Ion Ratio Lower Upper

276 100

277 25.6 17.9 26.9

138 25.6 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

