

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101485.D
 Acq On : 18 Dec 2017 17:20
 Operator : SJ/JU
 Sample : I6877-04 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(13-15)

Quant Time: Dec 19 01:22:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	175668	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	652691	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	252928	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	398454	20.00	ng	0.00
75) Chrysene-d12	14.00	240	269648	20.00	ng	0.01
86) Perylene-d12	15.47	264	254031	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	674567	57.20	ng	0.00
7) Phenol-d6	6.45	99	777866	53.00	ng	0.00
23) Nitrobenzene-d5	7.37	82	434223	37.03	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	111856	45.90	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	634764	38.93	ng	0.00
78) Terphenyl-d14	12.92	244	425602	38.05	ng	0.00

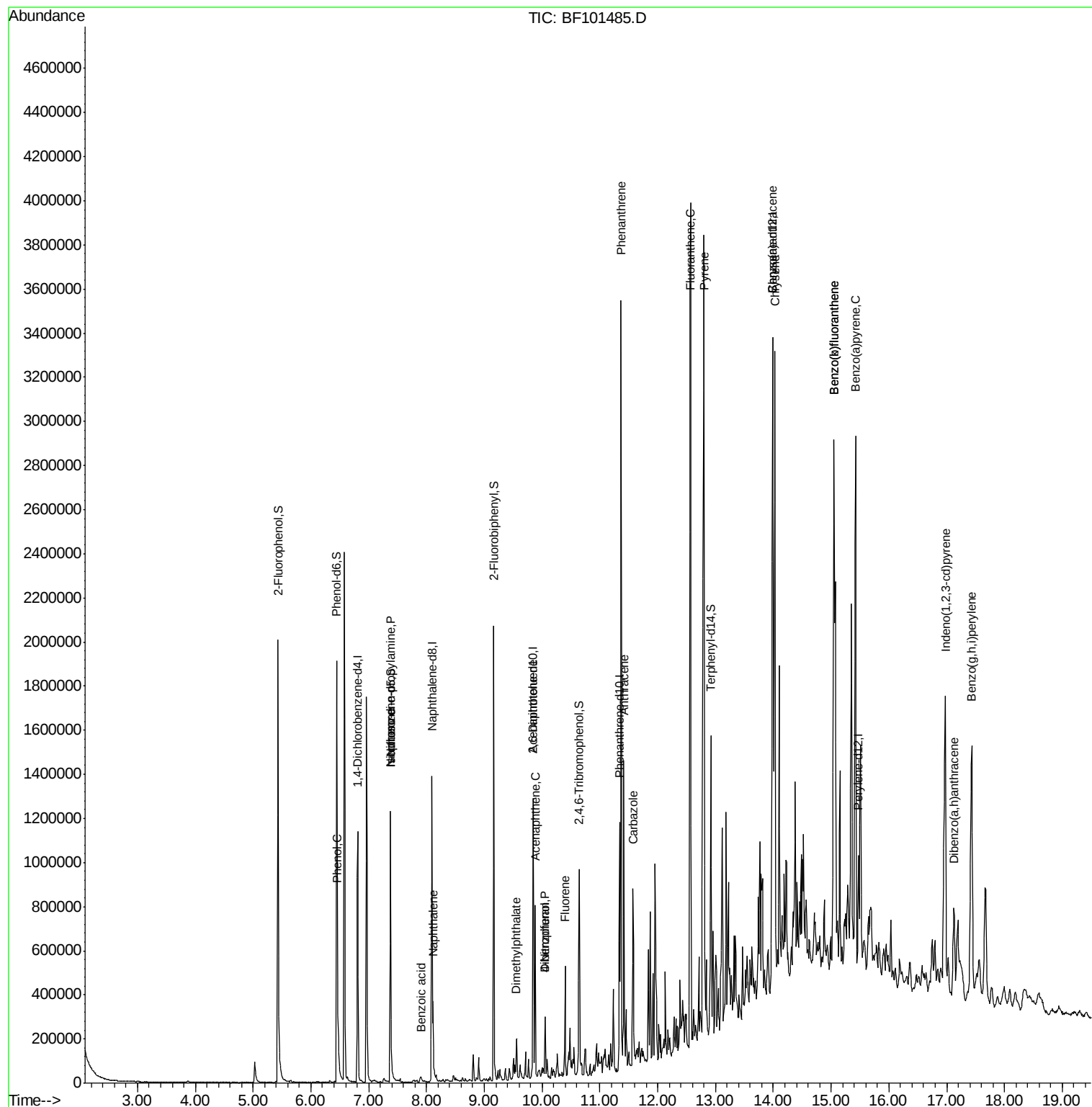
Target Compounds				Qvalue		
10) Phenol	6.46	94	57306	3.43	ng	90
19) n-Nitroso-di-n-propylamine	7.37	70	57428	5.96	ng	# 83
25) Isophorone	7.37	82	434220	18.46	ng	# 64
31) Naphthalene	8.12	128	156371	4.76	ng	99
32) Benzoic acid	7.90	122	8649	9.09	ng	# 27
49) Dimethylphthalate	9.56	163	71079	3.49	ng	98
50) 2,6-Dinitrotoluene	9.85	165	33443	8.09	ng	# 26
51) Acenaphthene	9.88	154	156915	9.63	ng	99
54) Dibenzofuran	10.06	168	108612	5.25	ng	99
55) 4-Nitrophenol	10.06	139	41216	18.34	ng	# 11
57) Fluorene	10.40	166	131743	7.52	ng	99
70) Phenanthrene	11.37	178	1346712	60.78	ng	99
71) Anthracene	11.42	178	531544	23.48	ng	99
72) Carbazole	11.57	167	279058	13.17	ng	99
74) Fluoranthene	12.57	202	1859107	79.93	ng	97
77) Pyrene	12.80	202	1895001	93.64	ng	99
80) Benzo(a)anthracene	13.99	228	1366146	76.73	ng	97
82) Chrysene	14.03	228	1172373	69.74	ng	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	1059789	70.79	ng	# 90
87) Benzo(b)fluoranthene	15.05	252	2271363	146.69	ng	97
88) Benzo(k)fluoranthene	15.05	252	2271363	150.88	ng	99
89) Benzo(a)pyrene	15.42	252	1512922	105.99	ng	96
90) Dibenzo(a,h)anthracene	17.13	278	288968	23.58	ng	95
91) Benzo(g,h,i)perylene	17.43	276	1050684	86.58	ng	93

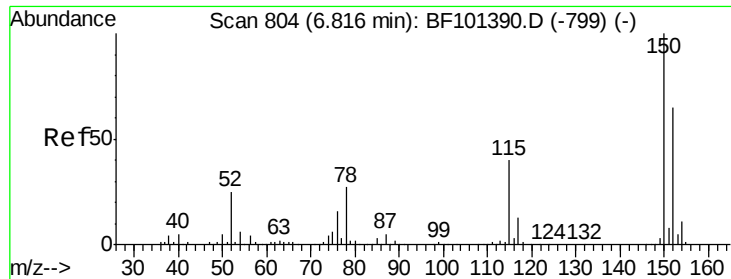
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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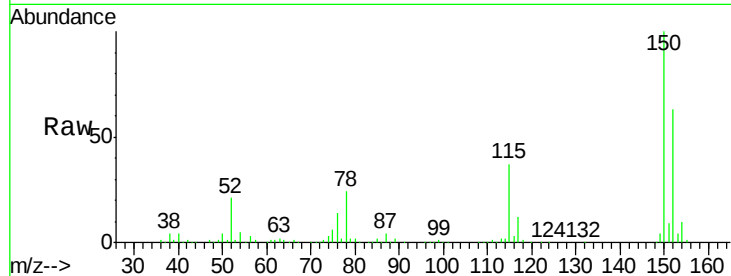


#1

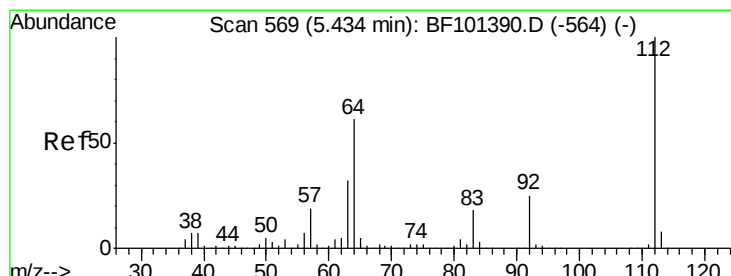
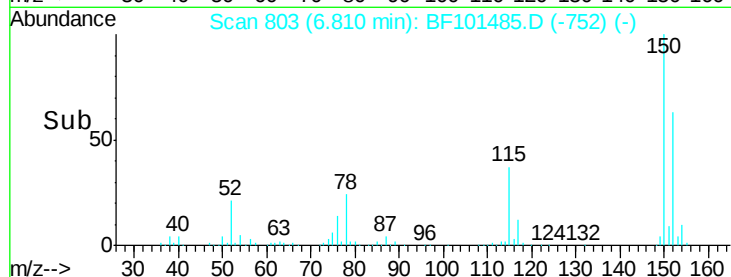
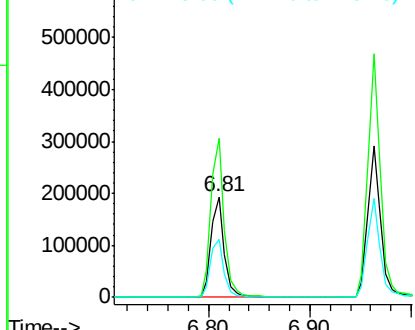
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

Tot Ion:152 Resp: 175668
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 58.1 50.1 75.1



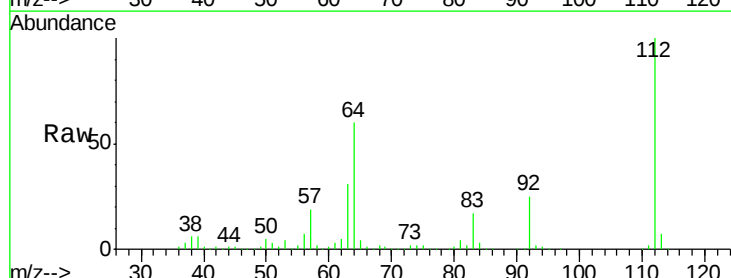
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



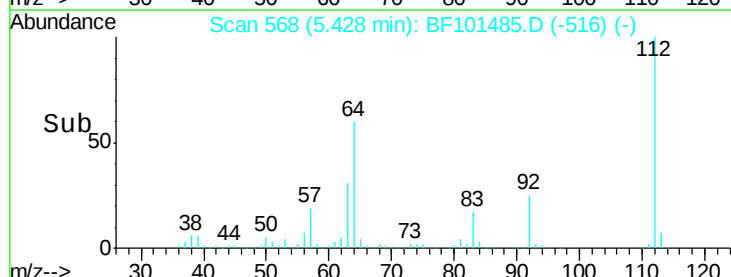
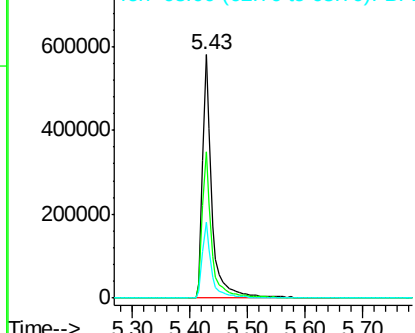
#5

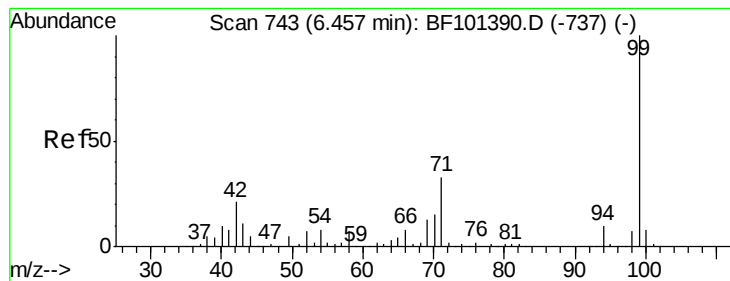
2-Fluorophenol
Concen: 57.20 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:112 Resp: 674567
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 31.2 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: 53.00 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

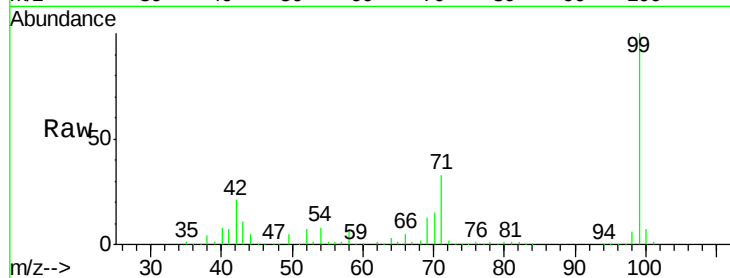
Tot Ion: 99 Resp: 777866

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

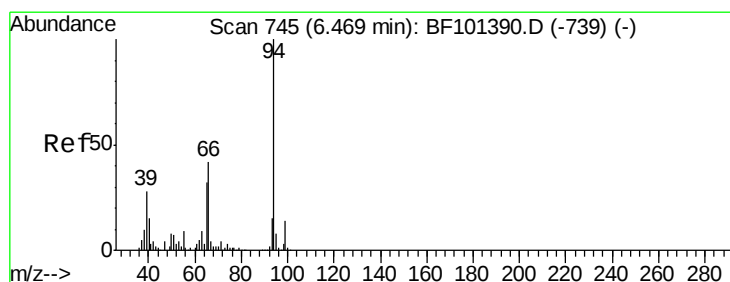
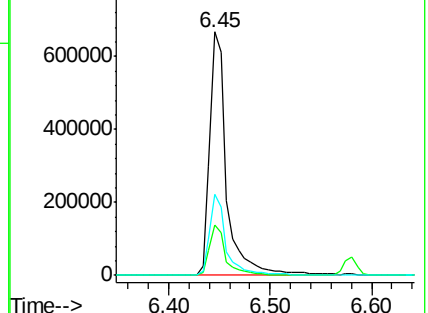
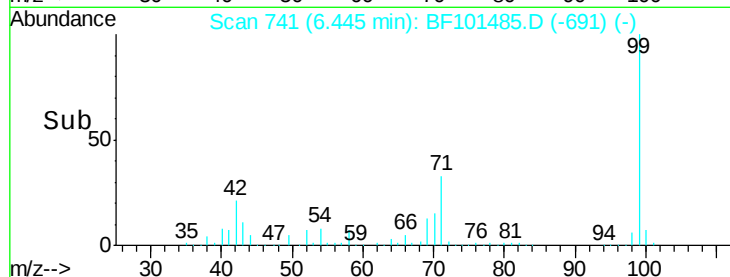
71 33.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.43 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

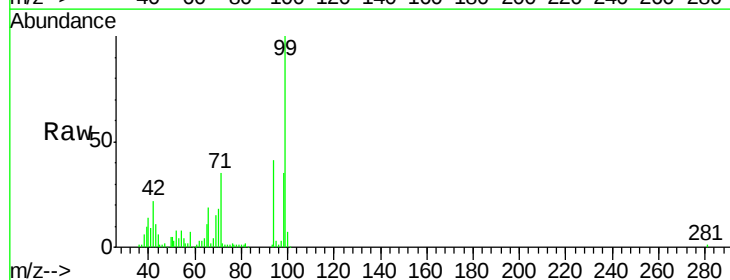
Tgt Ion: 94 Resp: 57306

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

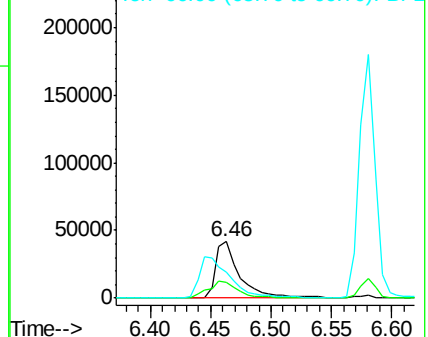
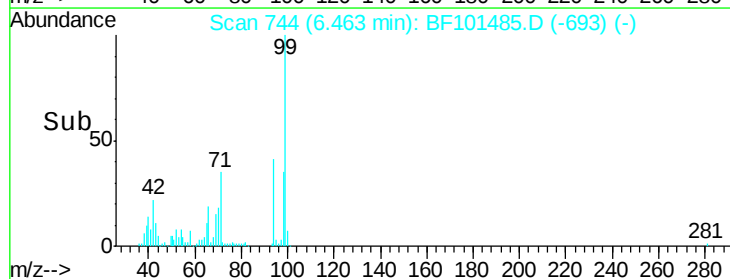
66 45.4 16.2 56.2

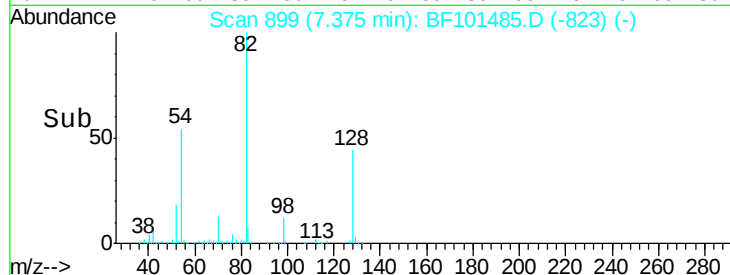
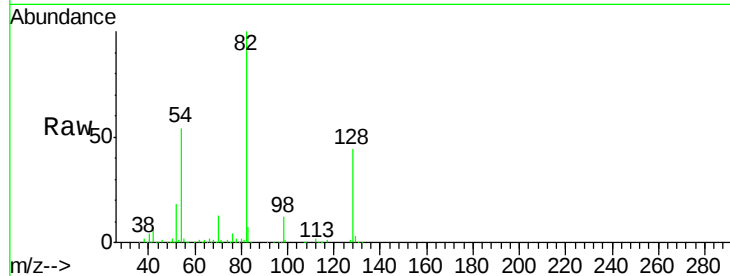


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

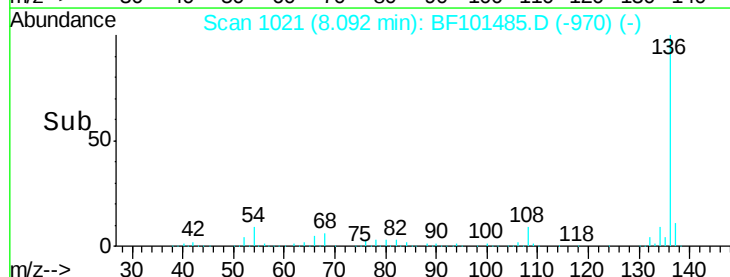
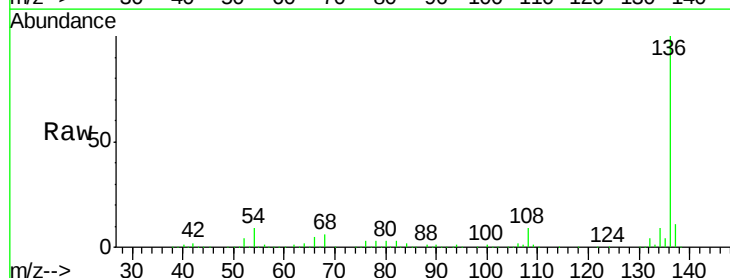
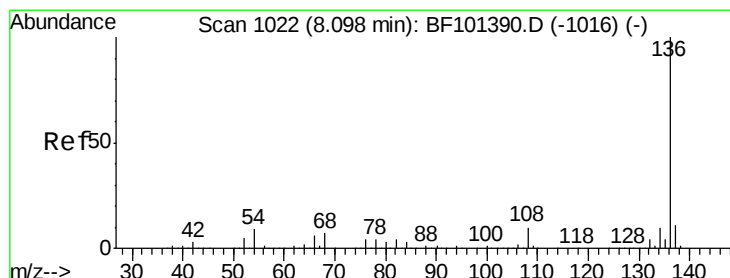
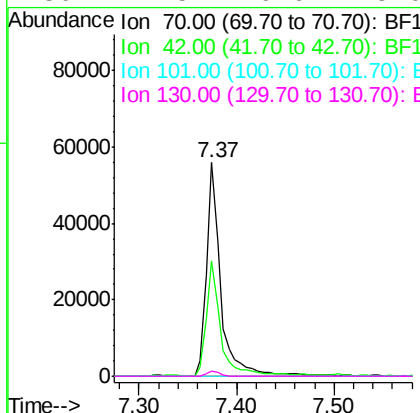




#19
n-Nitroso-di-n-propylamine
Concen: 5.96 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

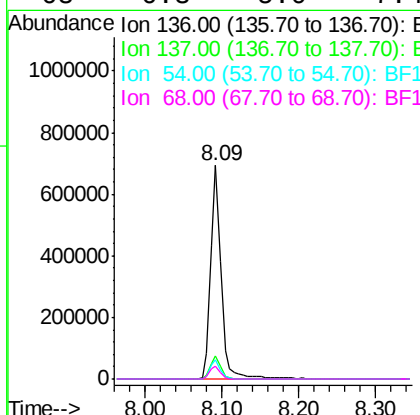
Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

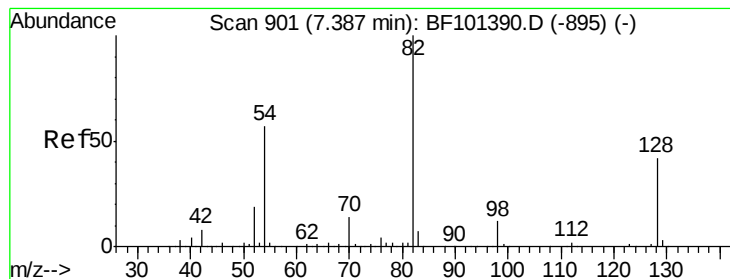
Tot Ion: 70 Resp: 57428
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion: 136 Resp: 652691
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.8 6.6 9.8
68 6.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 37.03 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

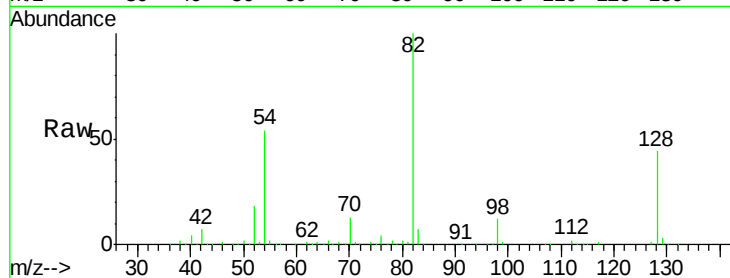
Tot Ion: 82 Resp: 434223

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

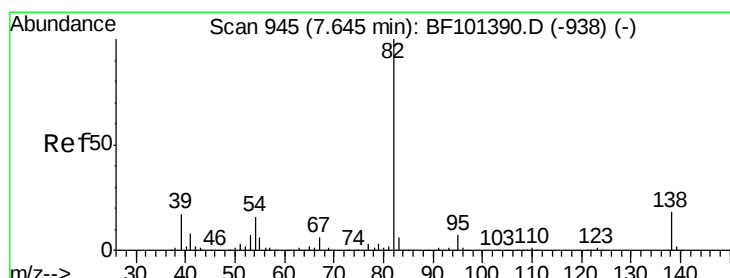
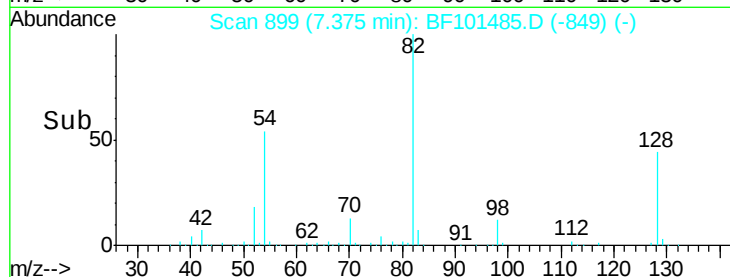
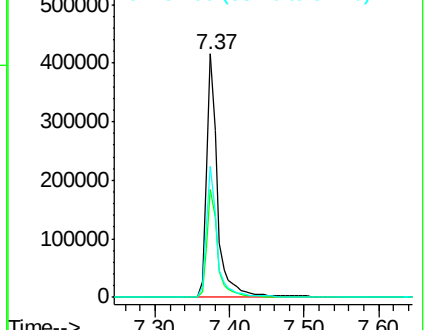
54 53.7 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 18.46 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

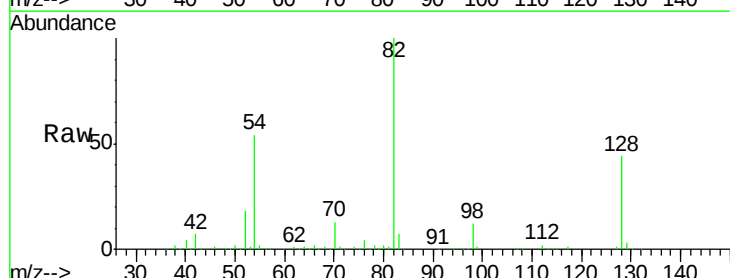
Tgt Ion: 82 Resp: 434220

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

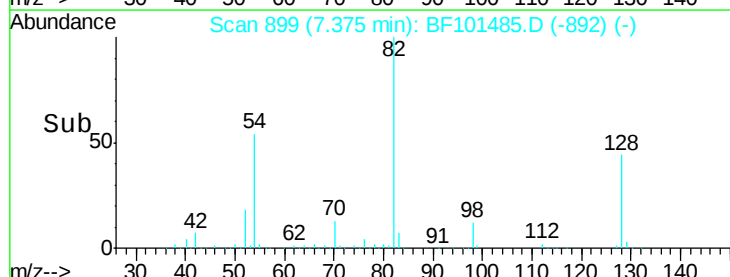
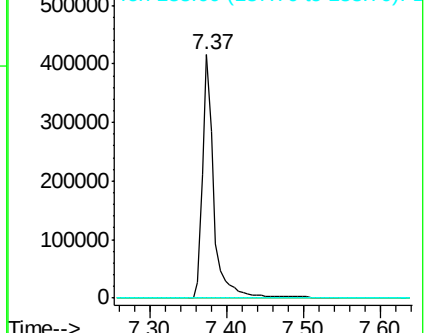
138 0.0 14.9 22.3#

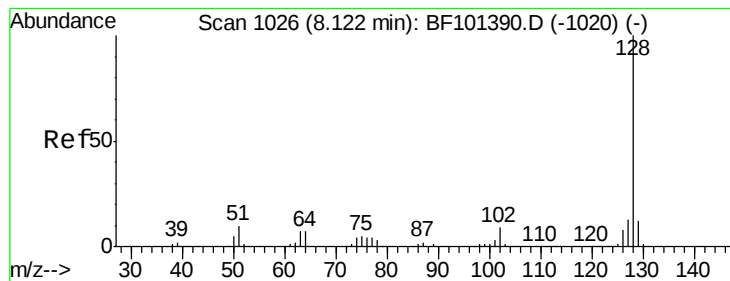


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 4.76 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

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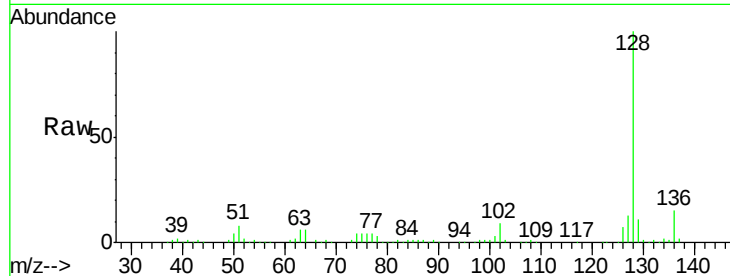
Tot Ion:128 Resp: 156371

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

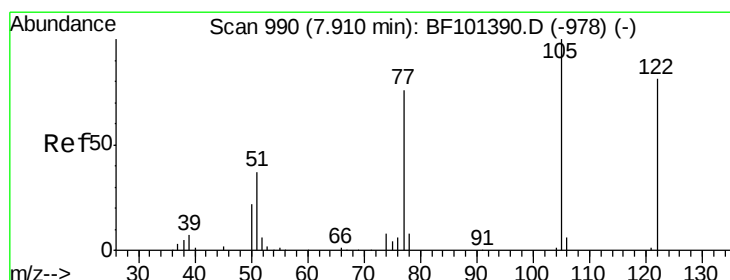
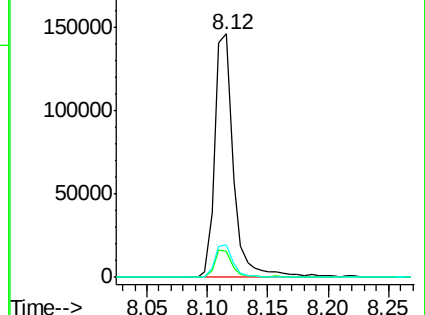
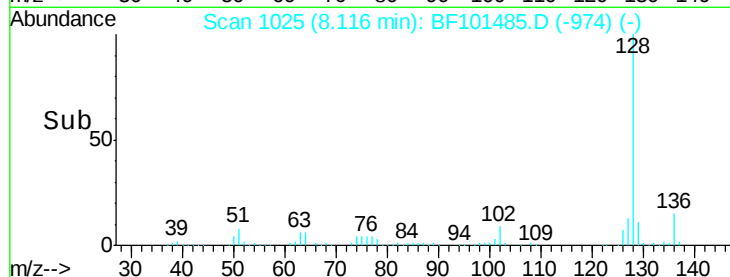
127 13.4 10.9 16.3



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: 9.09 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

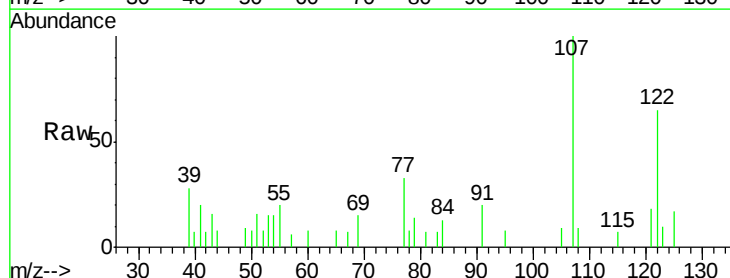
Tgt Ion:122 Resp: 8649

Ion Ratio Lower Upper

122 100

105 13.4 101.1 141.1#

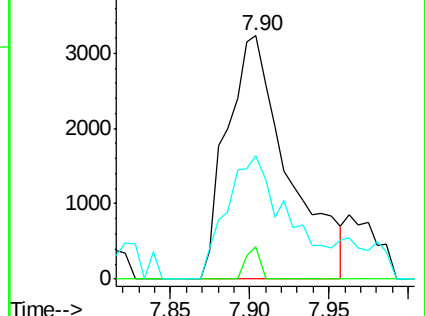
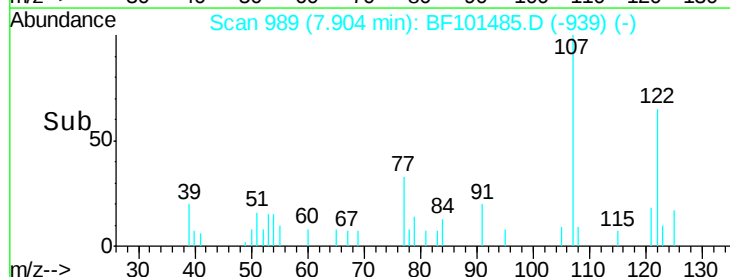
77 50.8 70.7 110.7#

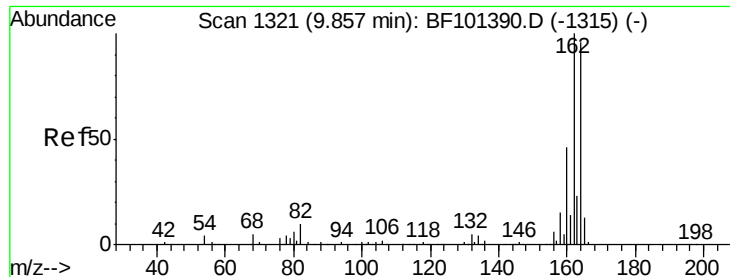


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

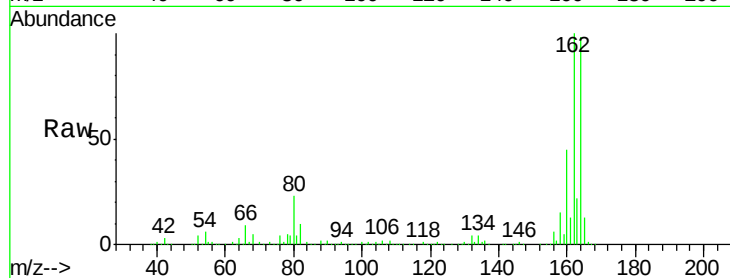




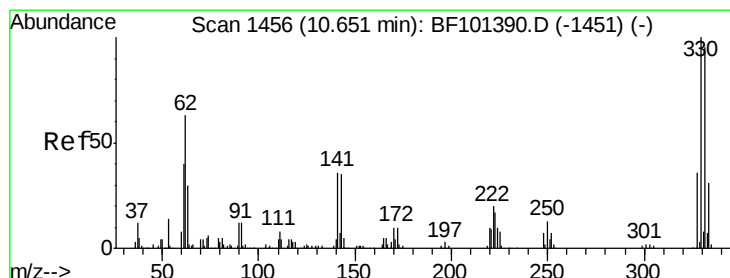
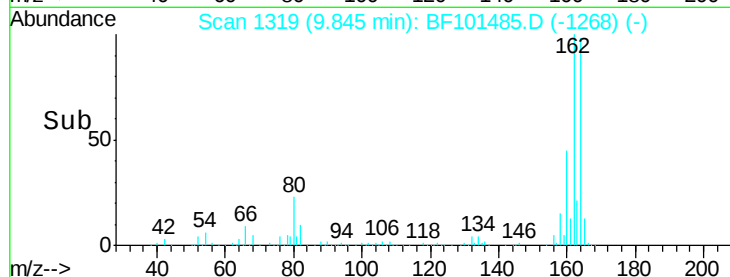
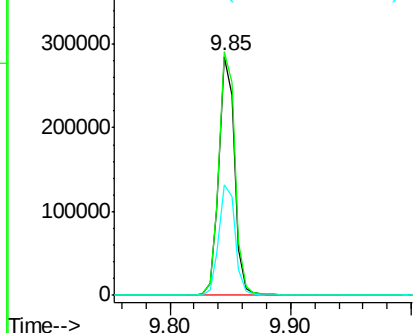
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

Tot Ion:164 Resp: 252928
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 46.1 38.3 57.5

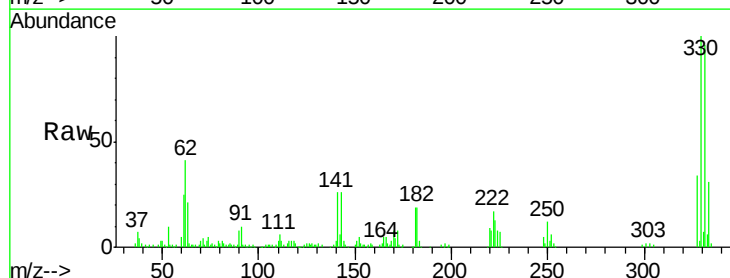


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

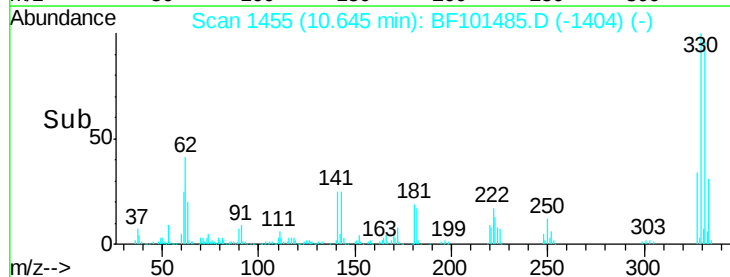
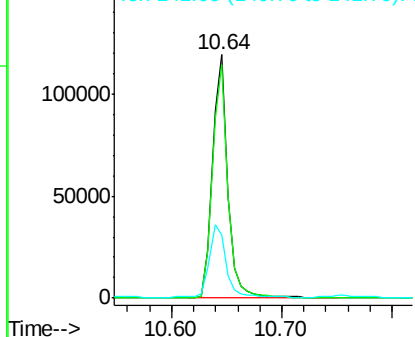


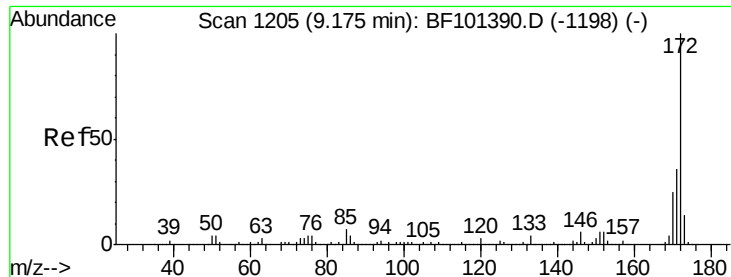
#41
2,4,6-Tribromophenol
Concen: 45.90 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:330 Resp: 111856
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 35.4 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

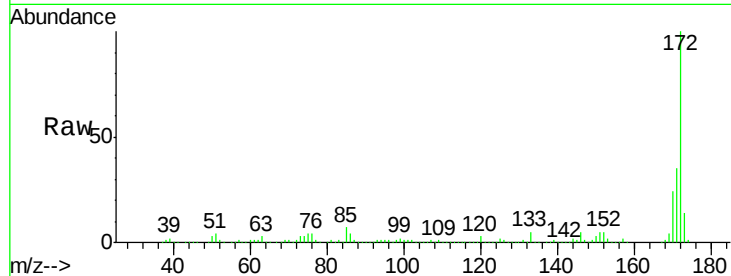




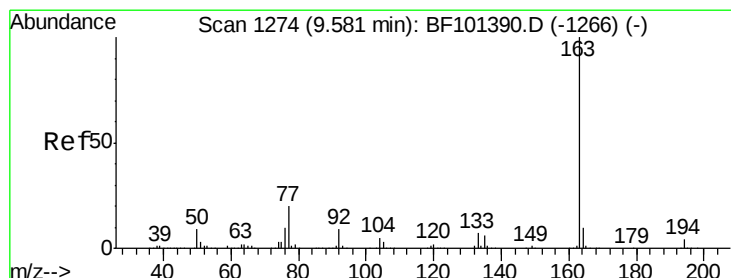
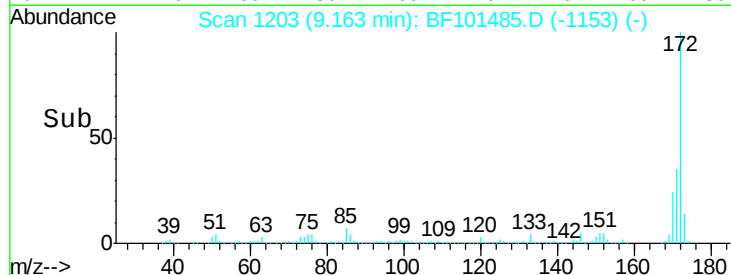
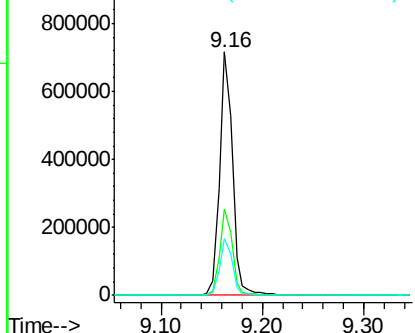
#44
2-Fluorobiphenyl
Concen: 38.93 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

Tot Ion:172 Resp: 634764
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.6 19.6 29.4

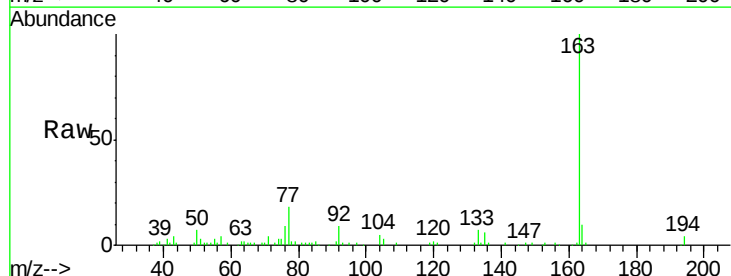


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

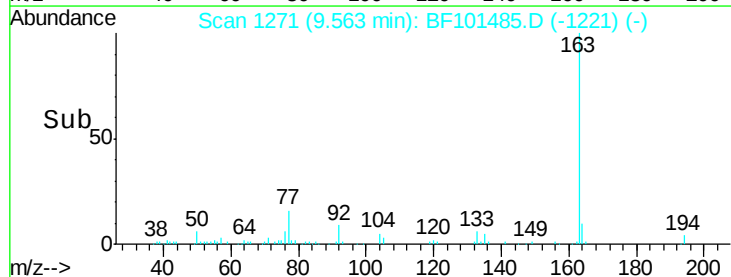
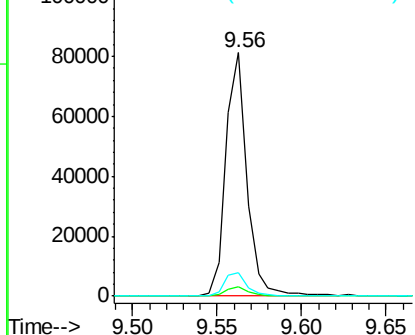


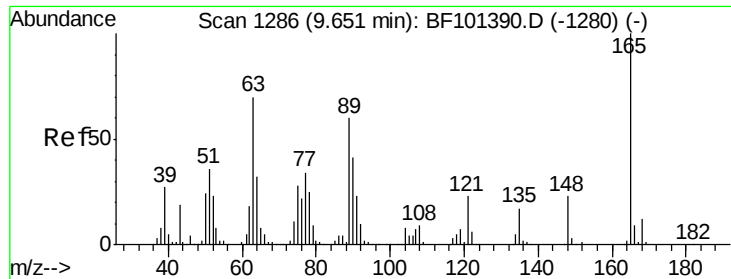
#49
Dimethylphthalate
Concen: 3.49 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:163 Resp: 71079
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 9.7 8.2 12.2



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

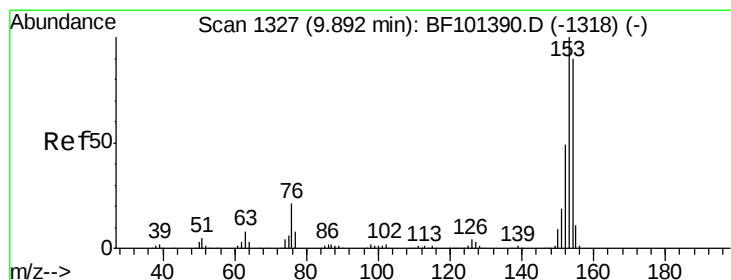
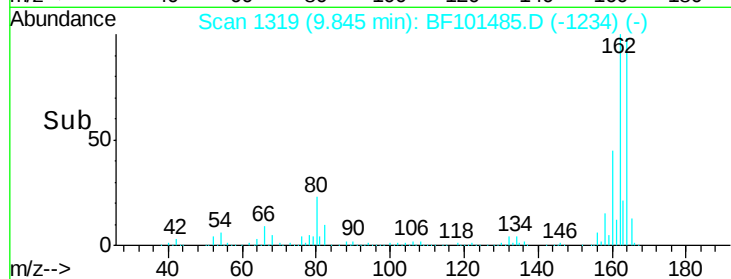
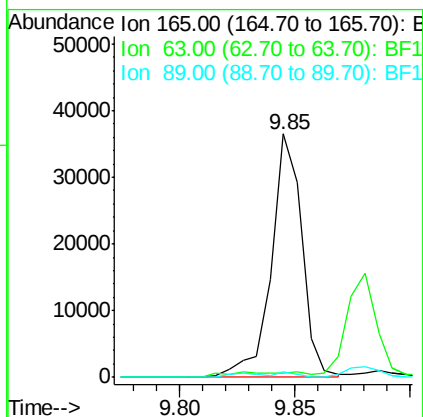
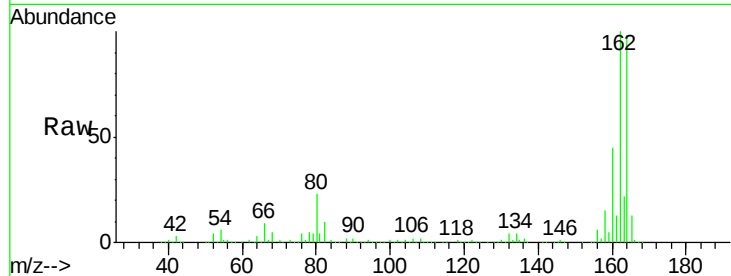




#50
2,6-Dinitrotoluene
Concen: 8.09 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

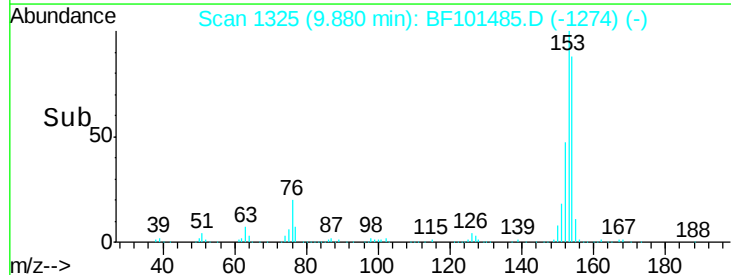
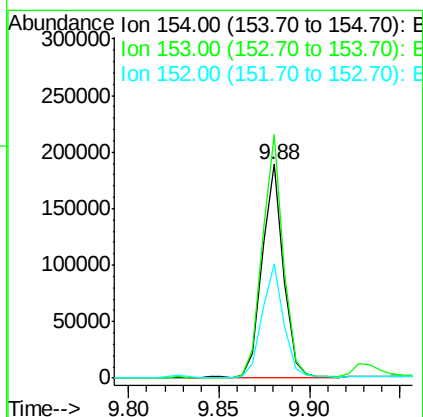
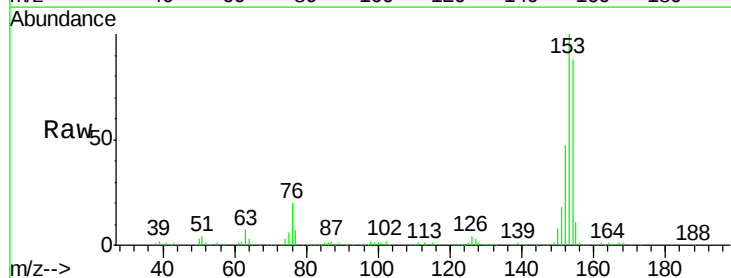
Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

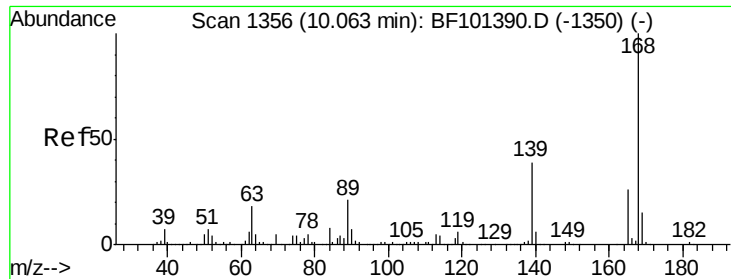
Tot Ion:165 Resp: 33443
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 2.1 44.0 66.0#



#51
Acenaphthene
Concen: 9.63 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:154 Resp: 156915
Ion Ratio Lower Upper
154 100
153 114.0 91.2 136.8
152 53.6 43.8 65.8





#54

Dibenzofuran

Concen: 5.25 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

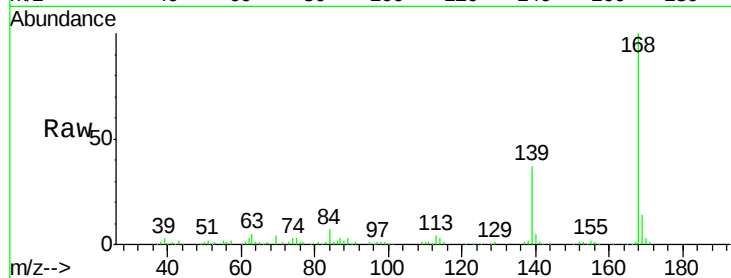
Tot Ion:168 Resp: 108612

Ion Ratio Lower Upper

168 100

139 37.0 30.1 45.1

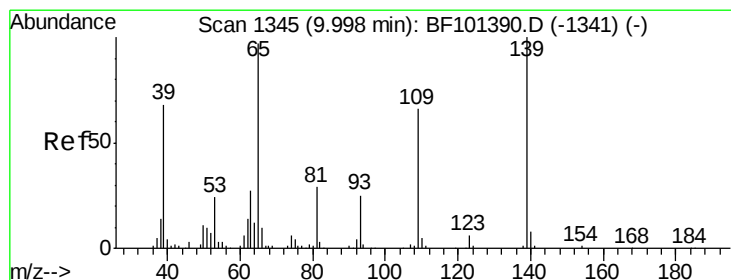
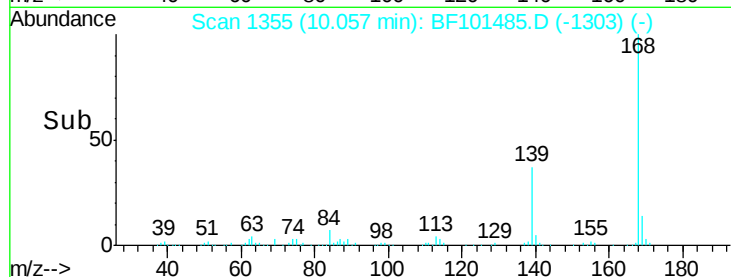
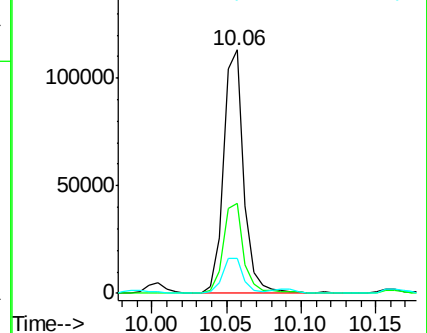
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 18.34 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

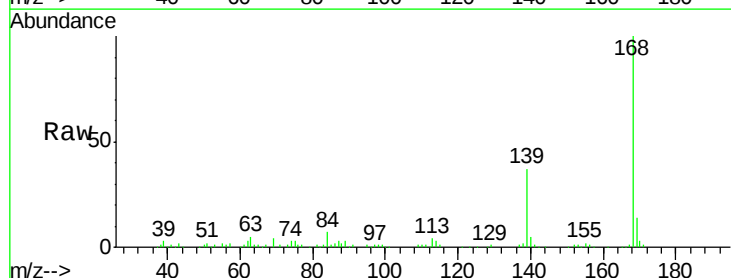
Tgt Ion:139 Resp: 41216

Ion Ratio Lower Upper

139 100

109 2.3 48.4 88.4#

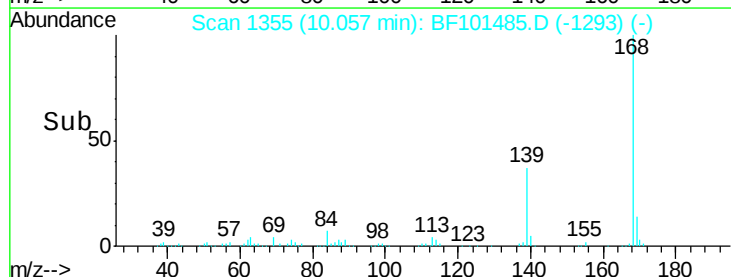
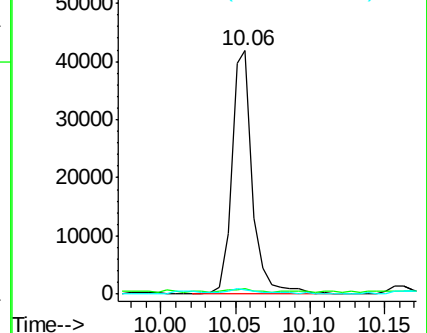
65 2.0 72.6 112.6#

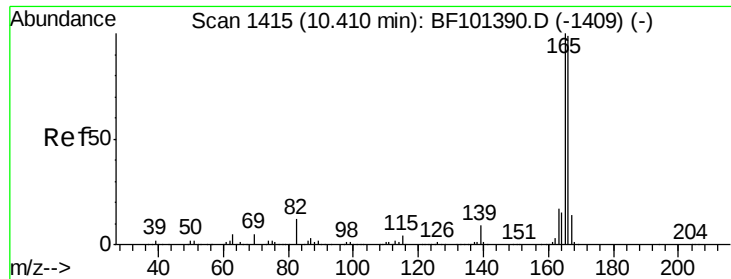


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

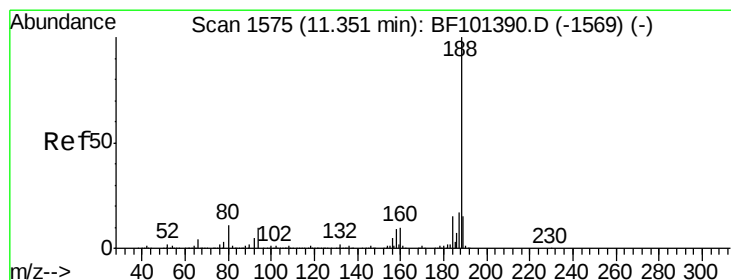
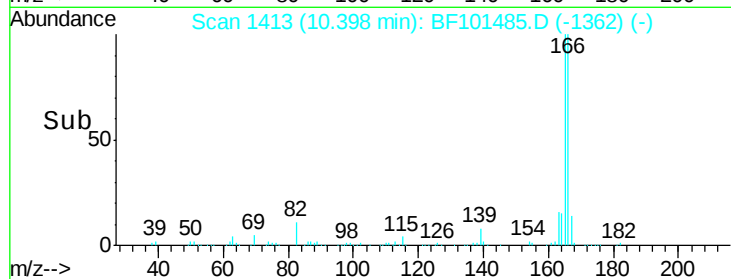
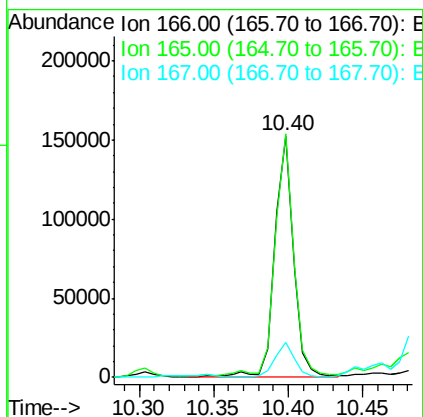
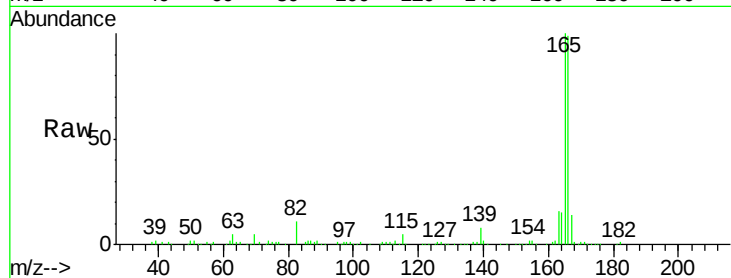




#57
Fluorene
 Concen: 7.52 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF101485.D
 Acq: 18 Dec 2017 17:20

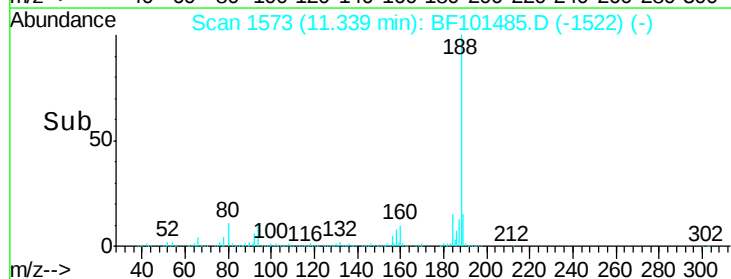
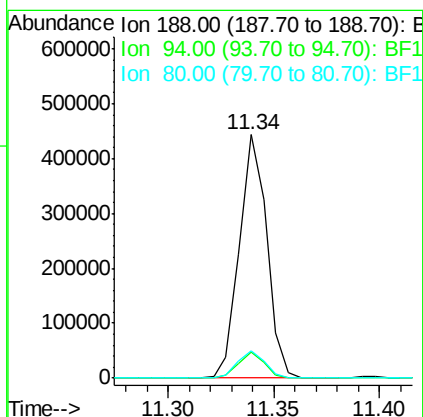
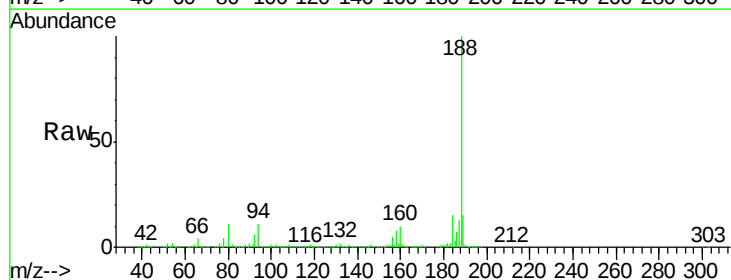
Instrument :
 BNA_F
 ClientSampleId :
 SB-7(13-15)

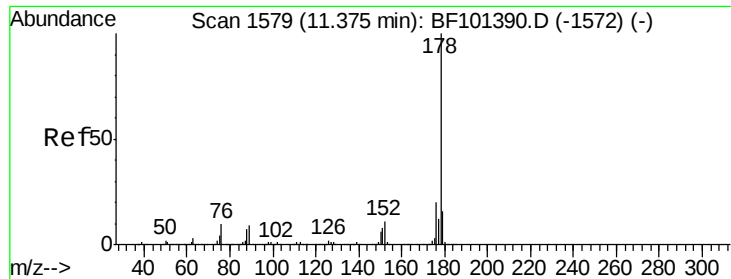
Tot Ion:166 Resp: 131743
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.8 119.8
 167 14.3 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101485.D
 Acq: 18 Dec 2017 17:20

Tgt Ion:188 Resp: 398454
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.2 9.2 13.8

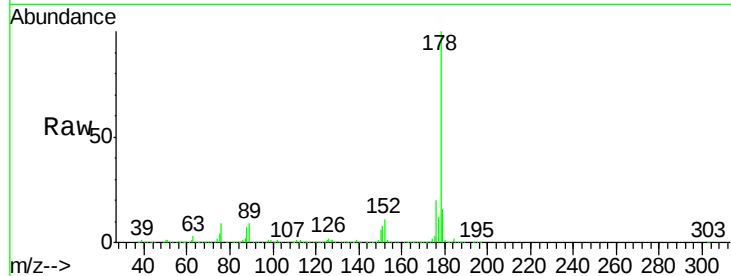




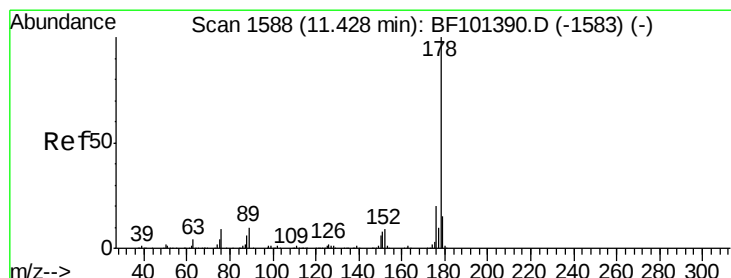
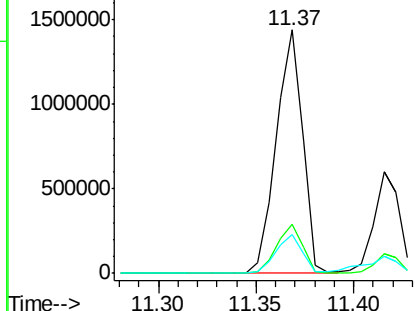
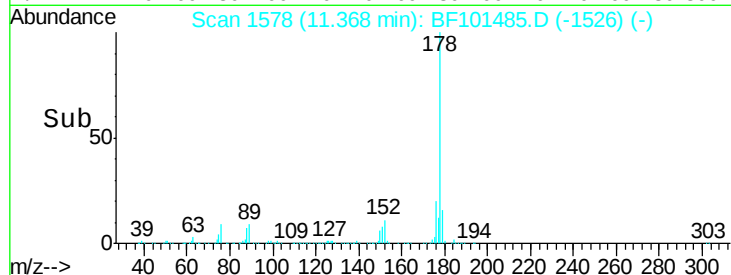
#70
Phenanthrene
Concen: 60.78 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

Tot Ion:178 Resp: 1346712
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.0 13.0 19.6

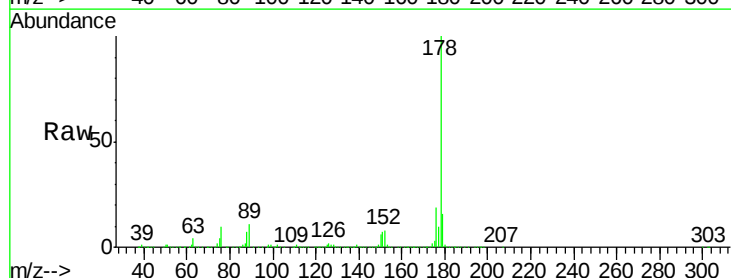


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

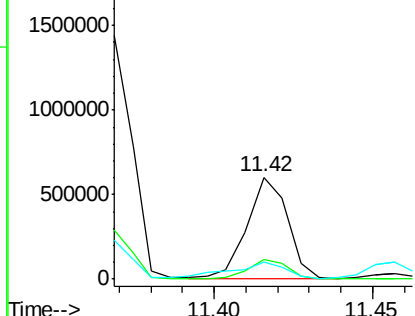
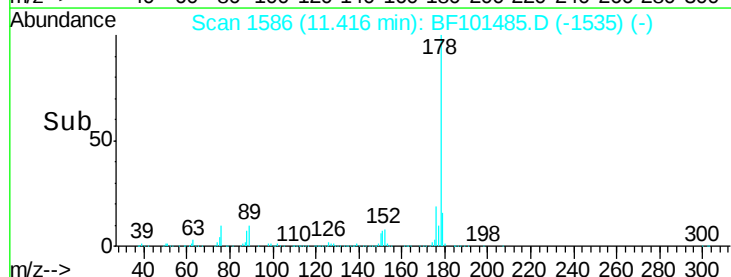


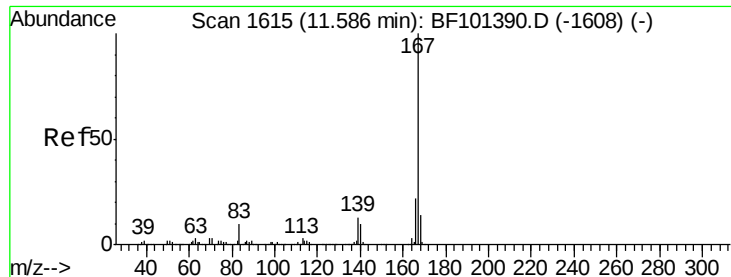
#71
Anthracene
Concen: 23.48 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:178 Resp: 531544
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 16.2 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: 13.17 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

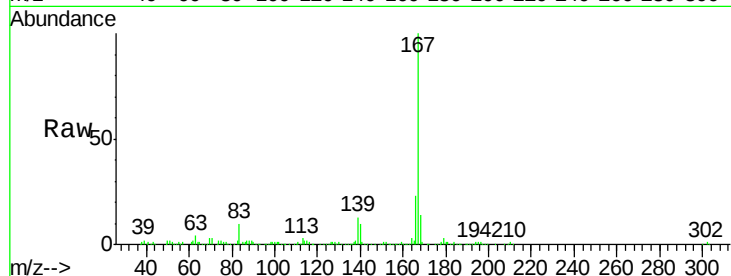
Tot Ion:167 Resp: 279058

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

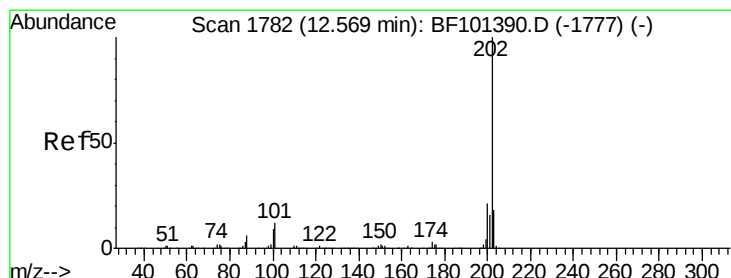
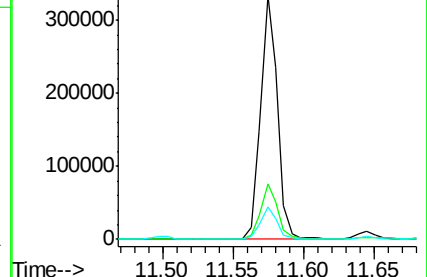
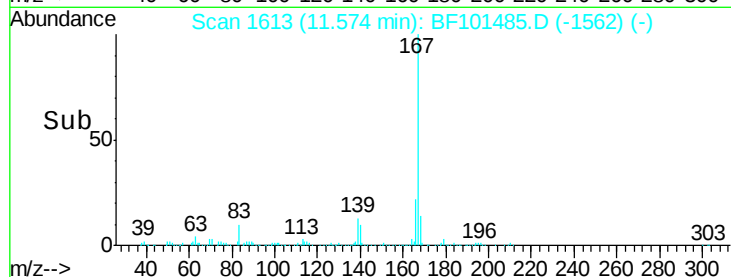
139 13.1 10.9 16.3



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: 79.93 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

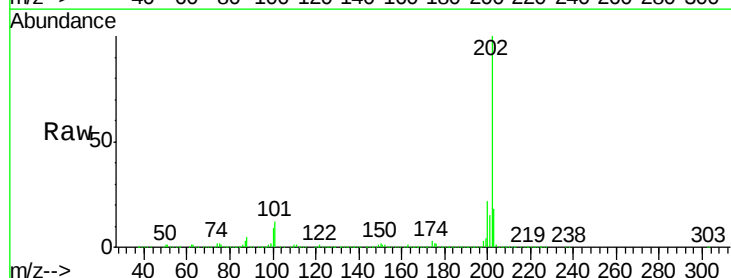
Tgt Ion:202 Resp: 1859107

Ion Ratio Lower Upper

202 100

101 11.6 0.0 34.1

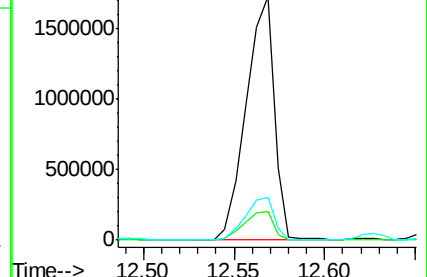
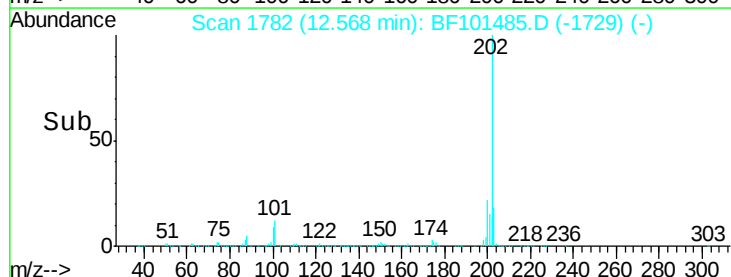
203 17.8 0.0 38.1

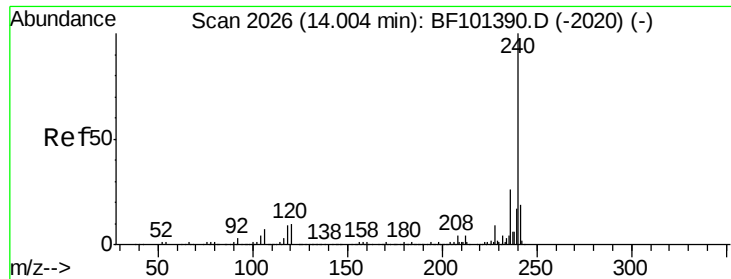


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

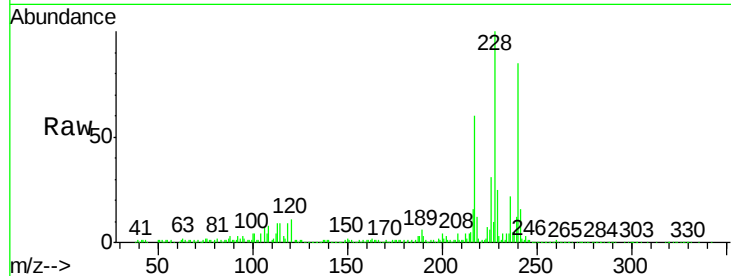
Tot Ion:240 Resp: 269648

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

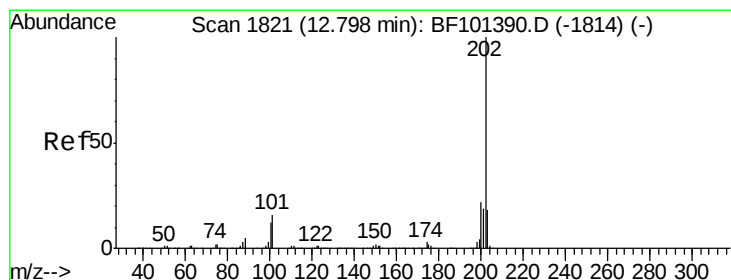
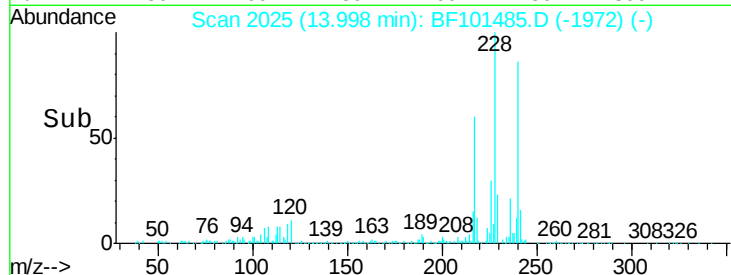
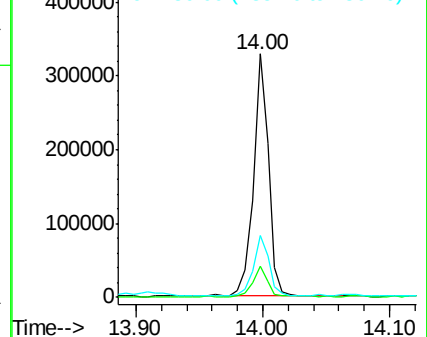
236 25.5 20.7 31.1



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

Pyrene

Concen: 93.64 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

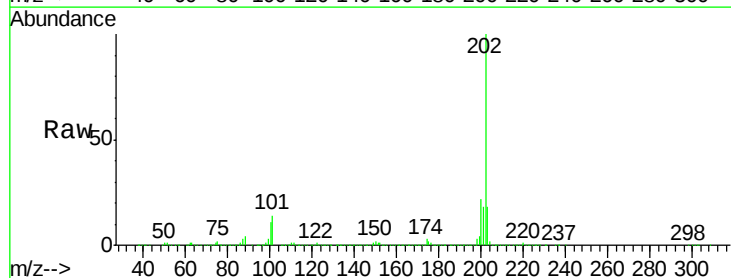
Tgt Ion:202 Resp: 1895001

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

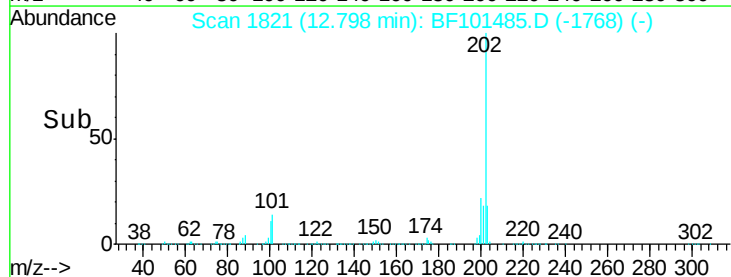
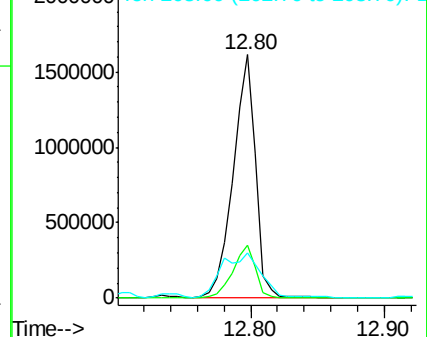
203 18.4 14.3 21.5

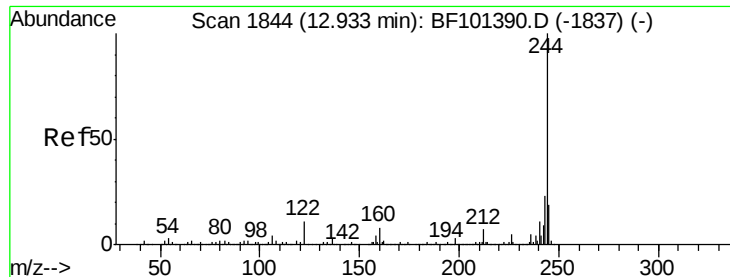


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 38.05 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

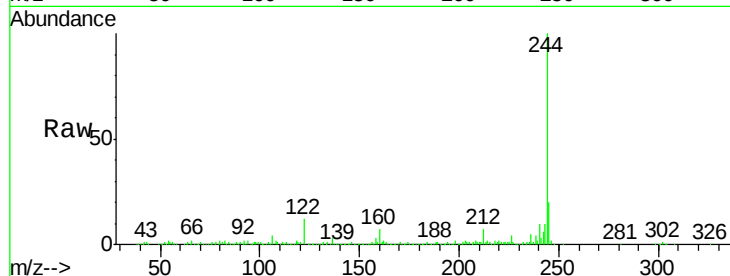
Tot Ion:244 Resp: 425602

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

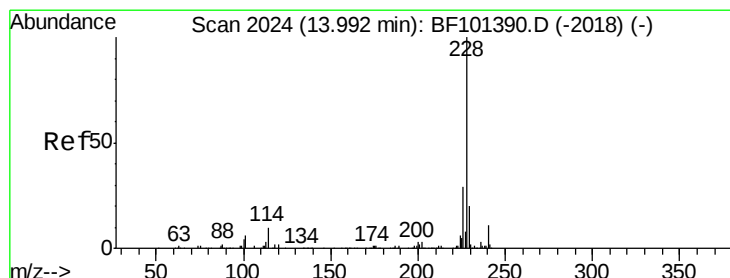
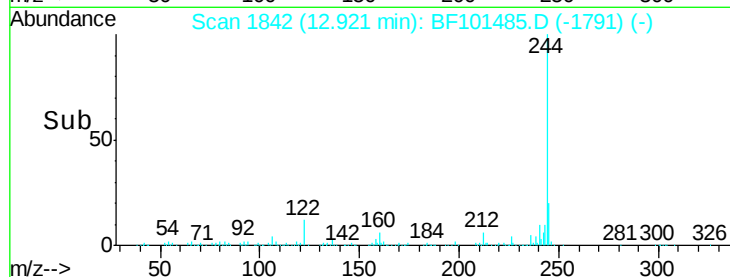
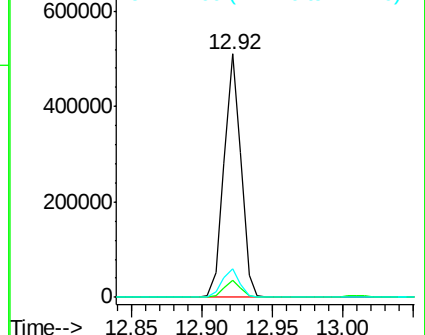
122 11.6 11.0 16.4



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: 76.73 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

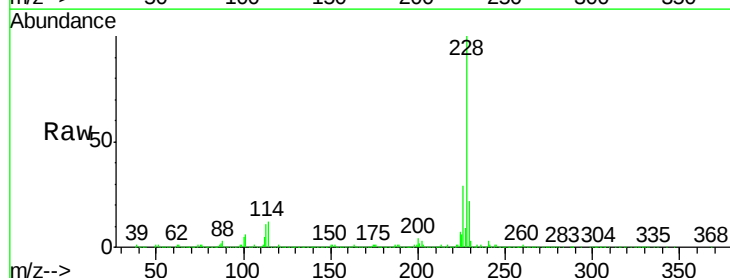
Tgt Ion:228 Resp: 1366146

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

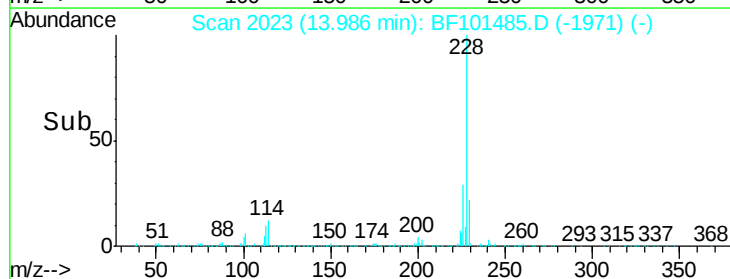
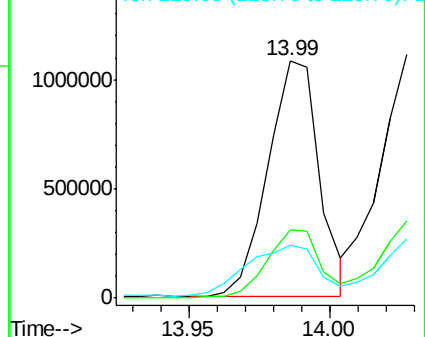
229 22.5 15.8 23.6

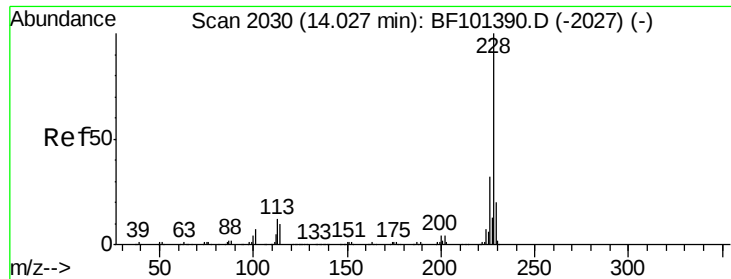


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 69.74 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

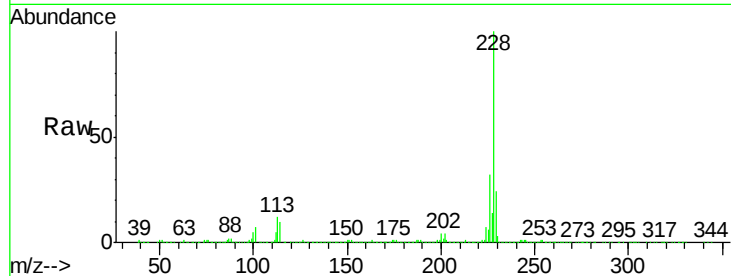
Tot Ion:228 Resp: 1172373

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

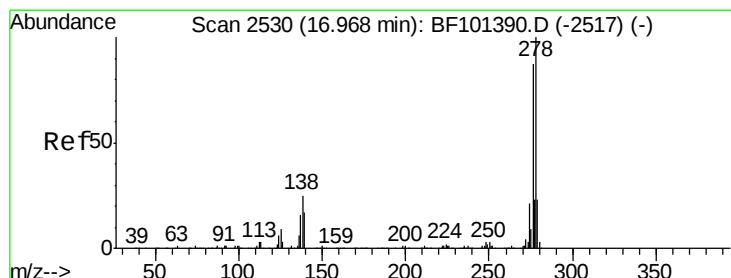
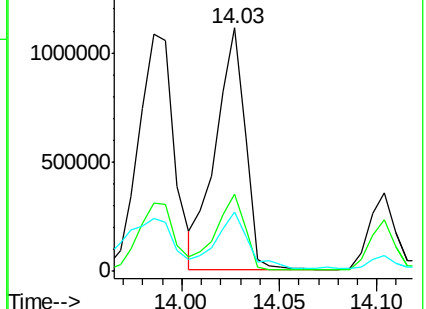
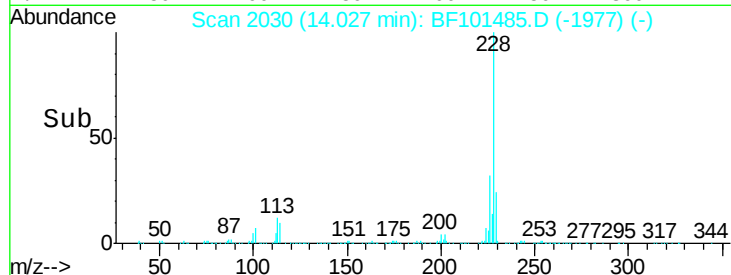
229 24.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 70.79 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.04 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

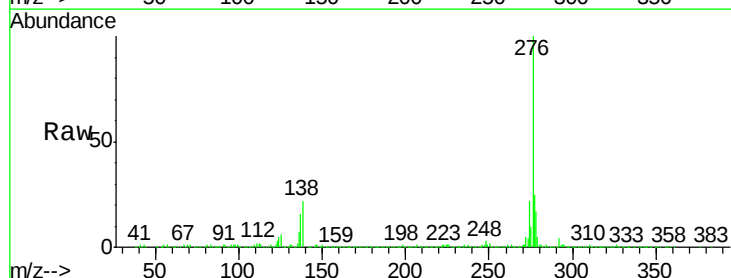
Tgt Ion:276 Resp: 1059789

Ion Ratio Lower Upper

276 100

138 22.8 25.0 37.6#

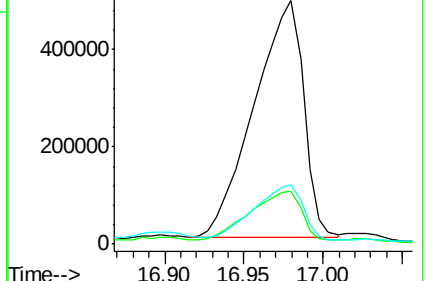
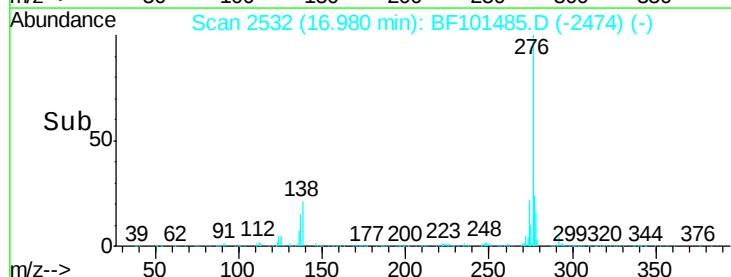
277 23.3 20.1 30.1

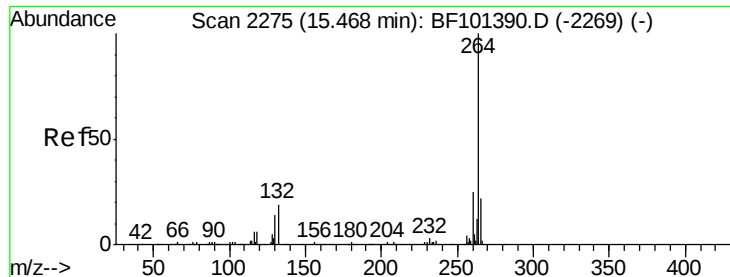


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

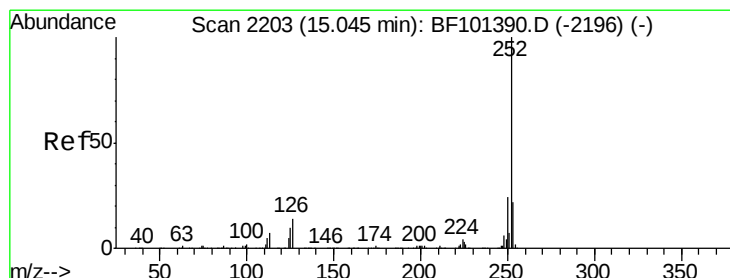
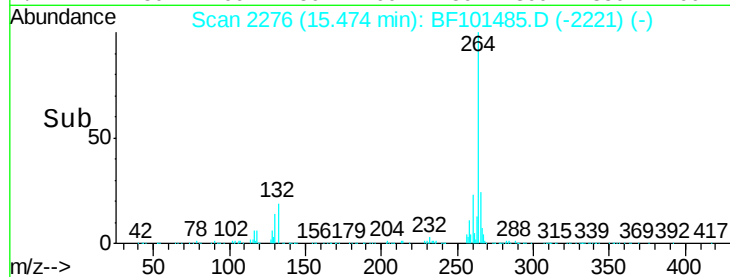
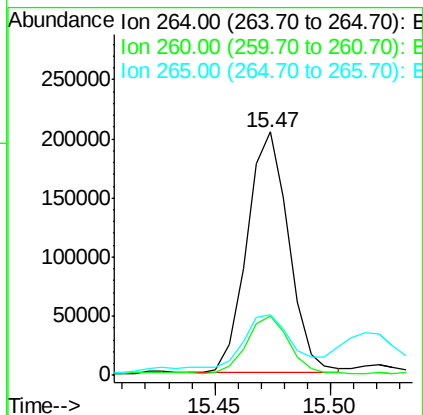
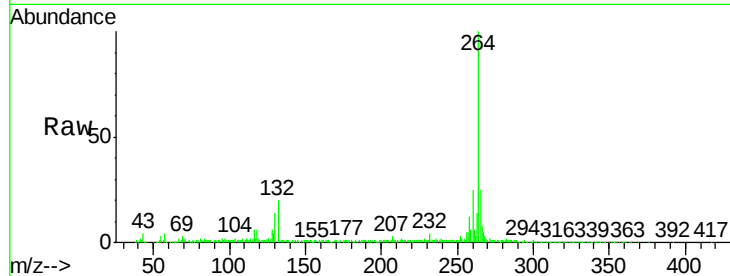




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

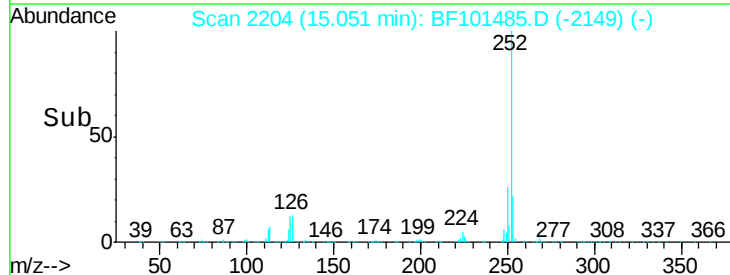
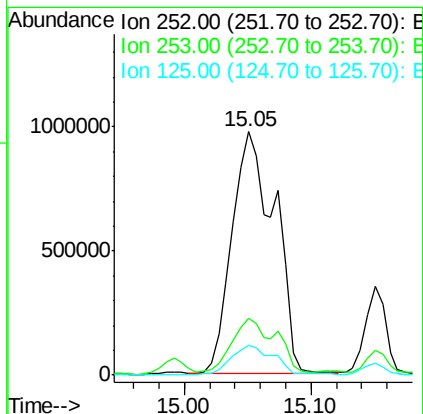
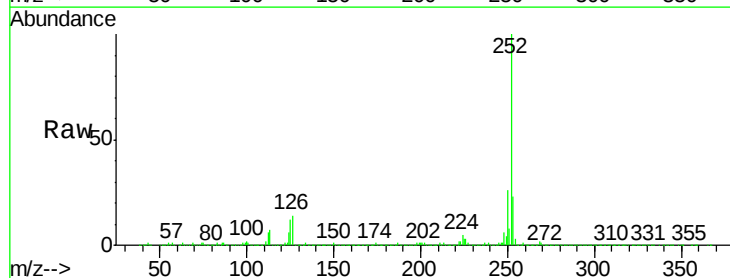
Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

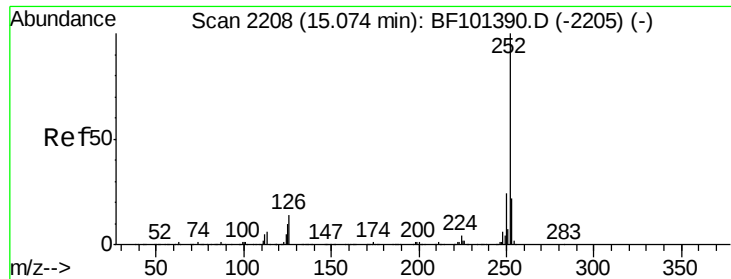
Tot Ion:264 Resp: 254031
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 25.1 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 146.69 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:252 Resp: 2271363
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.6
125 12.2 9.0 13.6

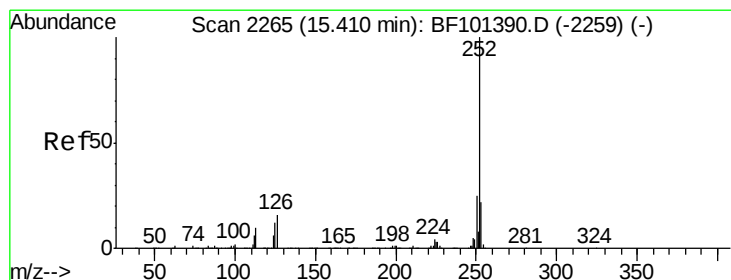
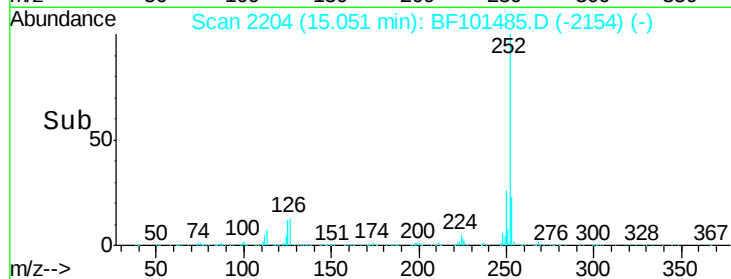
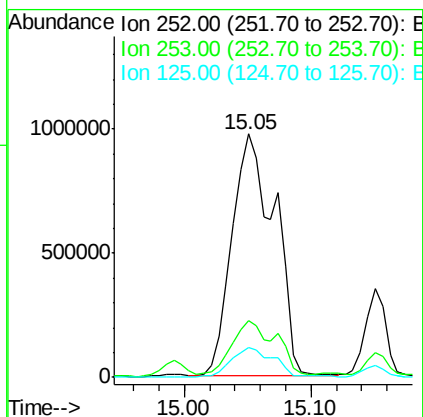
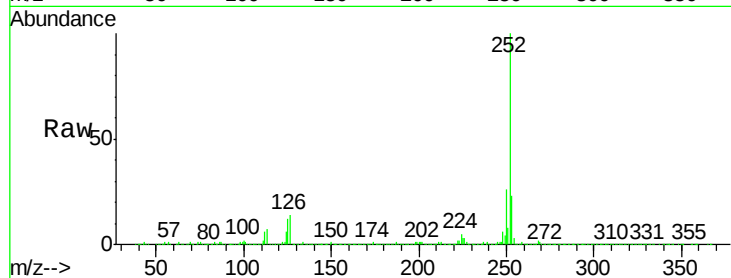




#88
Benzo(k)fluoranthene
Concen: 150.88 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

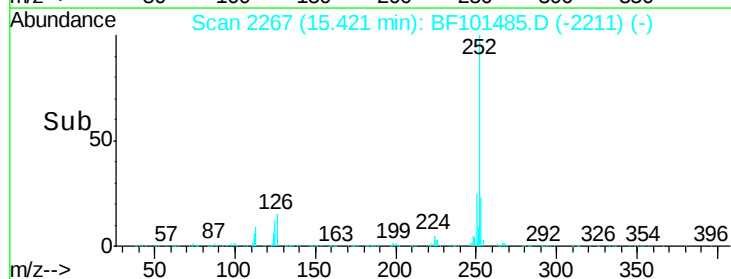
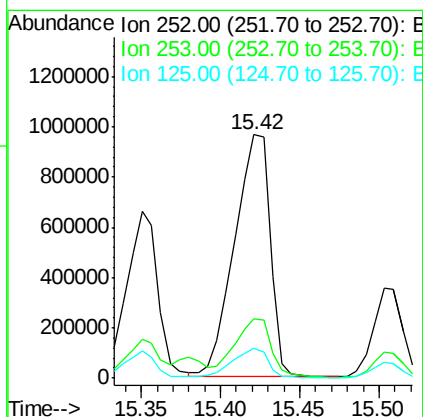
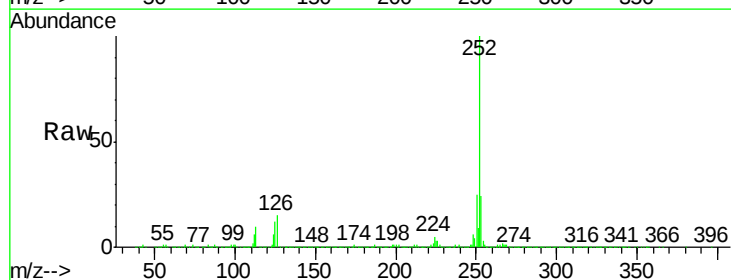
Instrument :
BNA_F
ClientSampleId :
SB-7(13-15)

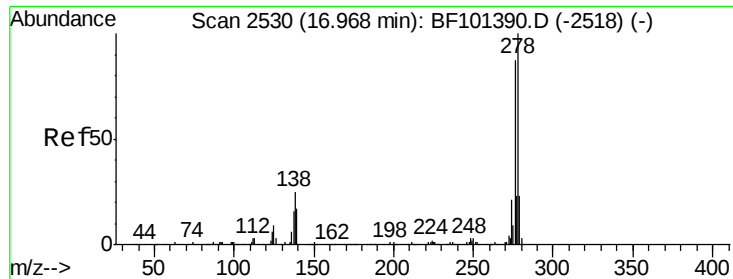
Tot Ion:252 Resp: 2271363
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 12.2 10.2 15.2



#89
Benzo(a)pyrene
Concen: 105.99 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.03 min
Lab File: BF101485.D
Acq: 18 Dec 2017 17:20

Tgt Ion:252 Resp: 1512922
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 12.2 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 23.58 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.19 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

Instrument :

BNA_F

ClientSampleId :

SB-7(13-15)

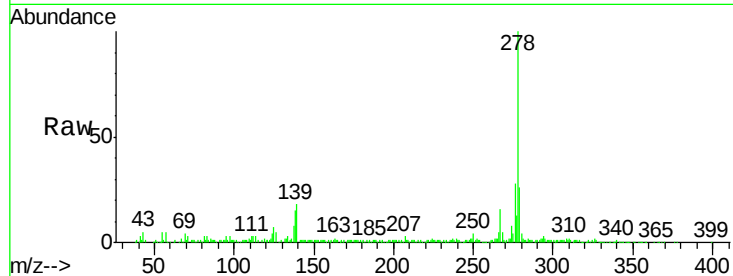
Tot Ion:278 Resp: 288968

Ion Ratio Lower Upper

278 100

139 17.7 15.9 23.9

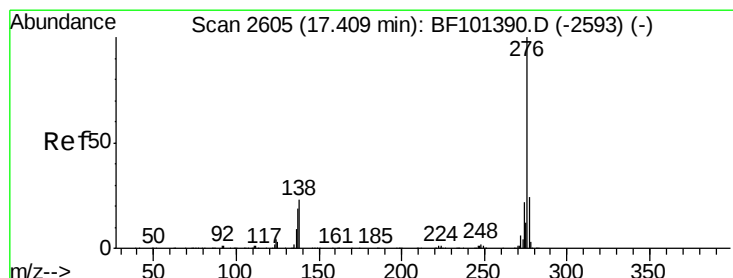
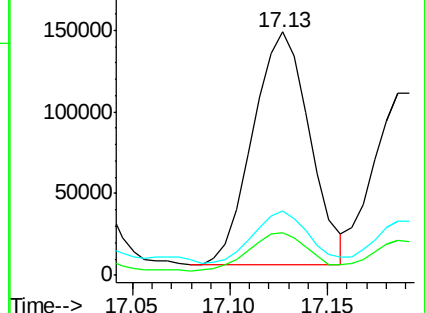
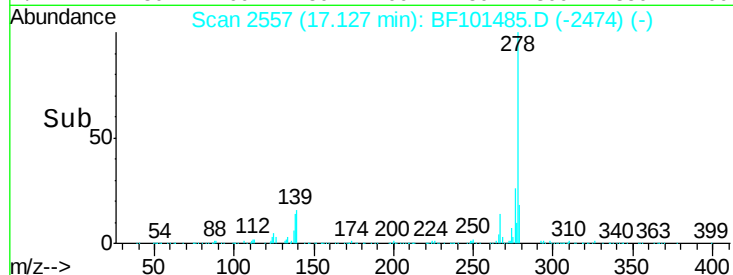
279 26.3 19.0 28.4



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(g,h,i)perylene

Concen: 86.58 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.05 min

Lab File: BF101485.D

Acq: 18 Dec 2017 17:20

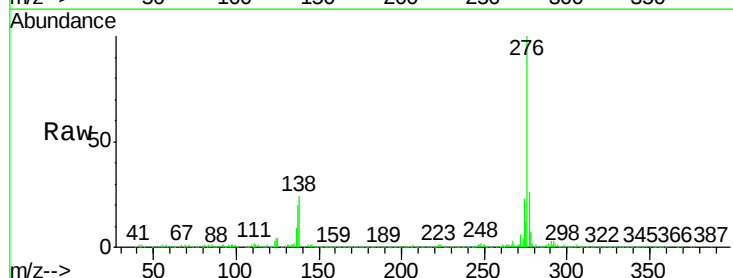
Tgt Ion:276 Resp: 1050684

Ion Ratio Lower Upper

276 100

277 26.2 17.9 26.9

138 24.0 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

