

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121817\
 Data File : BF101488.D
 Acq On : 18 Dec 2017 18:42
 Operator : SJ/JU
 Sample : I6677-05 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-121517-A

Quant Time: Dec 19 01:23:51 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

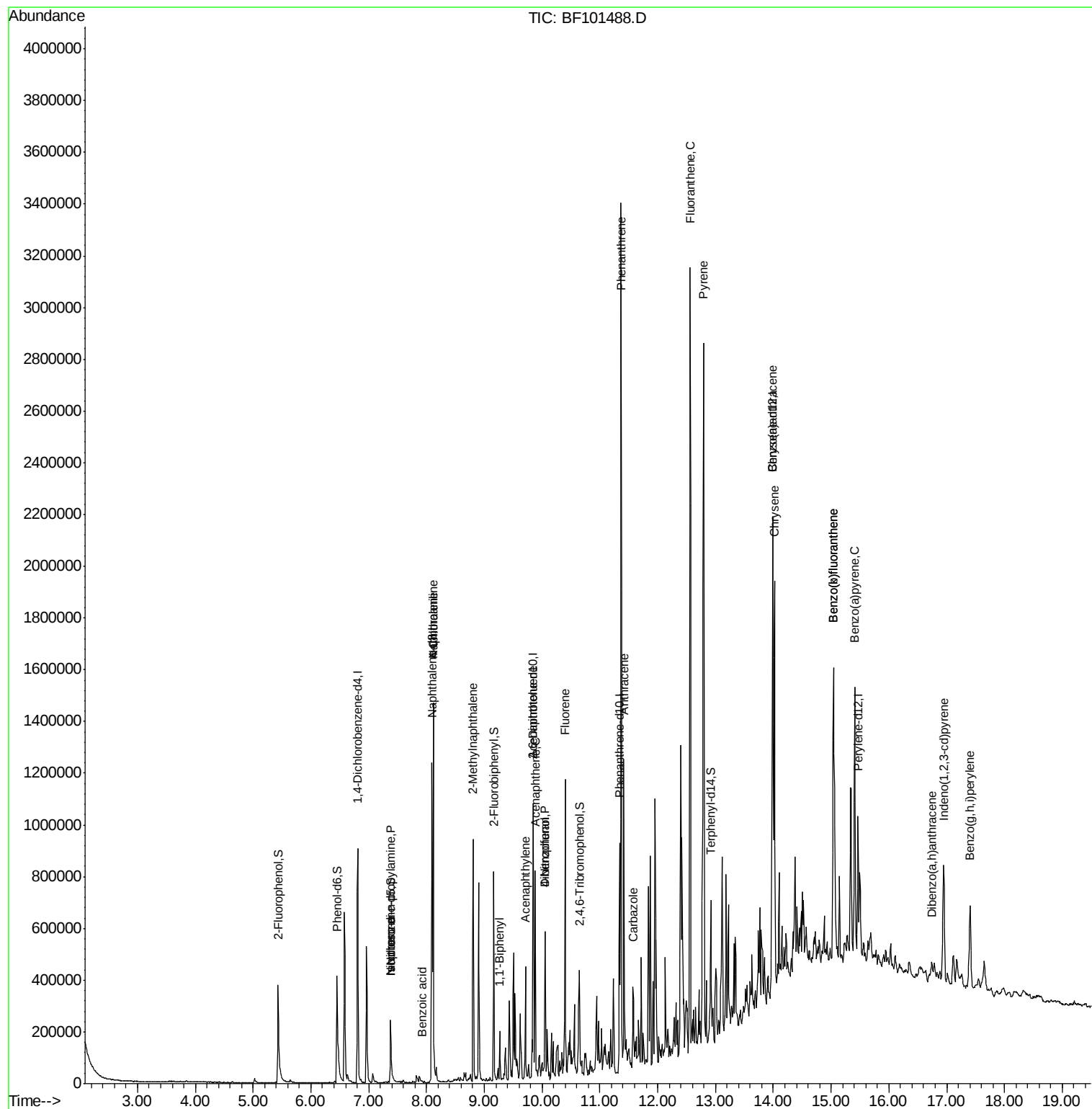
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	147097	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	539090	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	210352	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	322894	20.00	ng	0.00
75) Chrysene-d12	13.99	240	262840	20.00	ng	0.00
86) Perylene-d12	15.47	264	272183	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	186596	18.90	ng	0.00
7) Phenol-d6	6.45	99	231416	18.83	ng	0.00
23) Nitrobenzene-d5	7.38	82	123188	12.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	33883	16.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	237103	17.49	ng	0.00
78) Terphenyl-d14	12.92	244	155377	14.25	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	16158	2.00	ng	# 81
25) Isophorone	7.38	82	123188	6.34	ng	# 64
31) Naphthalene	8.12	128	664995	24.50	ng	99
32) Benzoic acid	7.92	122	957	8.11	ng	# 30
33) 4-Chloroaniline	8.12	127	87806	7.44	ng	# 35
37) 2-Methylnaphthalene	8.80	142	265544	15.02	ng	99
45) 1,1'-Biphenyl	9.27	154	57013	3.06	ng	96
48) Acenaphthylene	9.71	152	140670	6.24	ng	97
50) 2,6-Dinitrotoluene	9.85	165	34575	10.05	ng	# 26
51) Acenaphthene	9.88	154	151437	11.18	ng	100
54) Dibenzofuran	10.06	168	194034	11.27	ng	98
55) 4-Nitrophenol	10.06	139	75763	40.53	ng	# 10
57) Fluorene	10.40	166	315197	21.65	ng	98
70) Phenanthrene	11.37	178	1298035	72.29	ng	98
71) Anthracene	11.42	178	457255	24.93	ng	99
72) Carbazole	11.57	167	103063	6.00	ng	98
74) Fluoranthene	12.56	202	1310209	69.51	ng	98
77) Pyrene	12.79	202	1268473	64.30	ng	99
80) Benzo(a)anthracene	13.98	228	699399	40.30	ng	98
82) Chrysene	14.02	228	612397	37.37	ng	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	284811	19.52	ng	# 91
87) Benzo(b)fluoranthene	15.04	252	938160	56.55	ng	96
88) Benzo(k)fluoranthene	15.04	252	938160	58.16	ng	98
89) Benzo(a)pyrene	15.41	252	546541	35.74	ng	96
90) Dibenzo(a,h)anthracene	16.74	278	49661	3.78	ng	96
91) Benzo(g,h,i)perylene	17.40	276	274280	21.09	ng	94

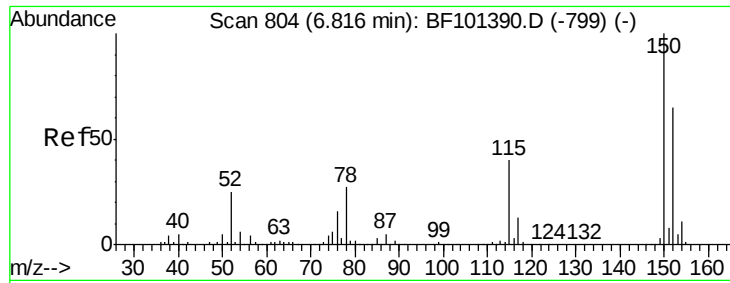
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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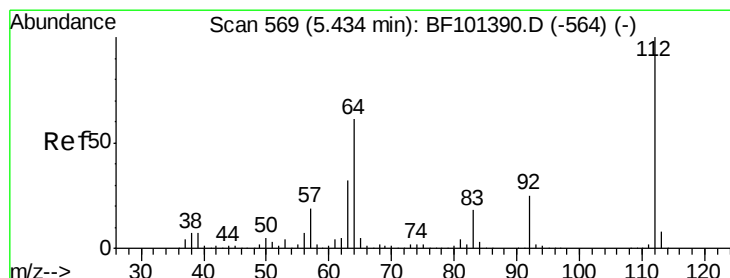
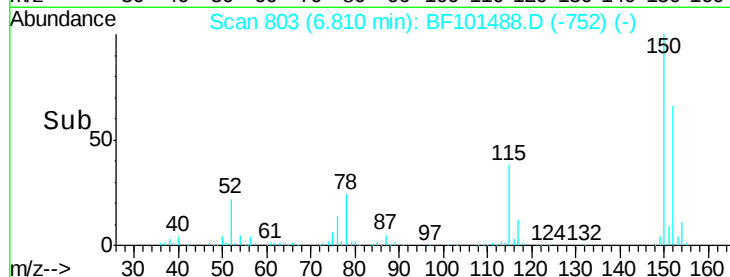
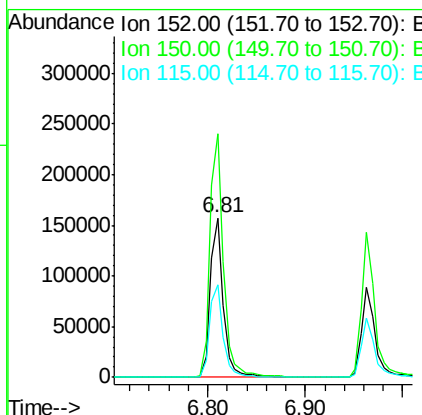
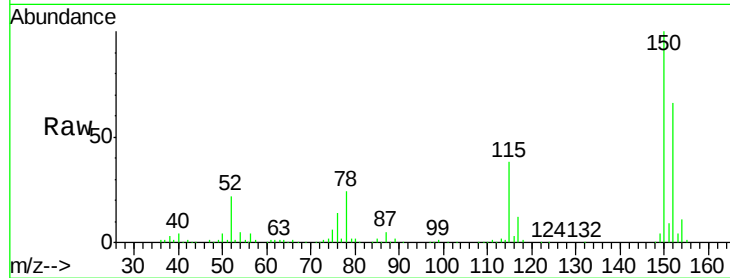


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

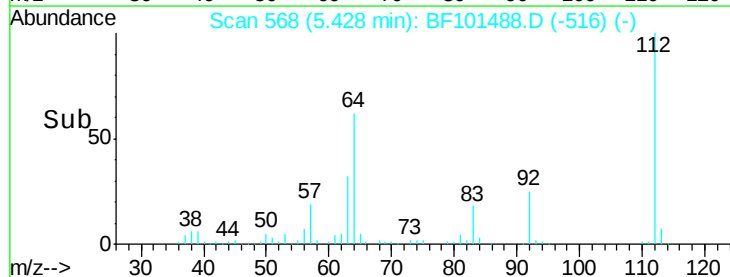
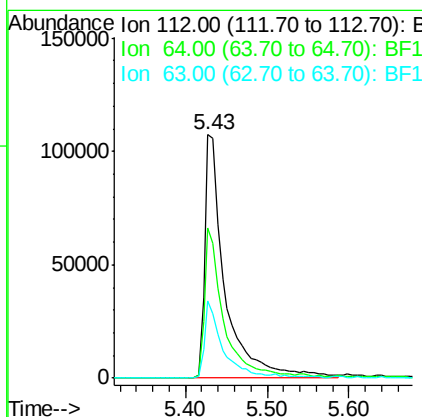
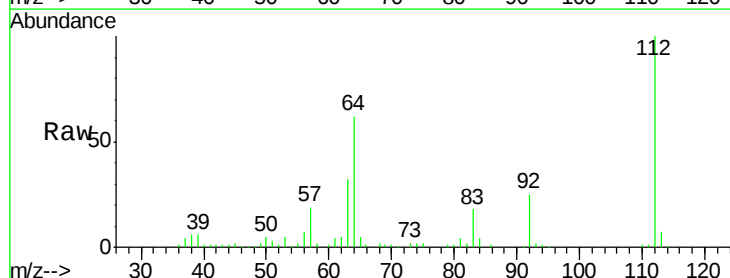
Tot Ion:152 Resp: 147097
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 58.2 50.1 75.1

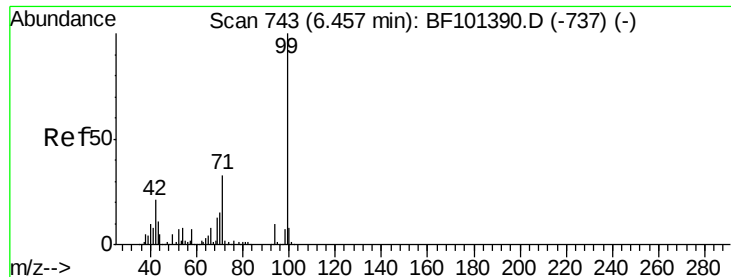


#5

2-Fluorophenol
Concen: 18.90 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion:112 Resp: 186596
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 18.83 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

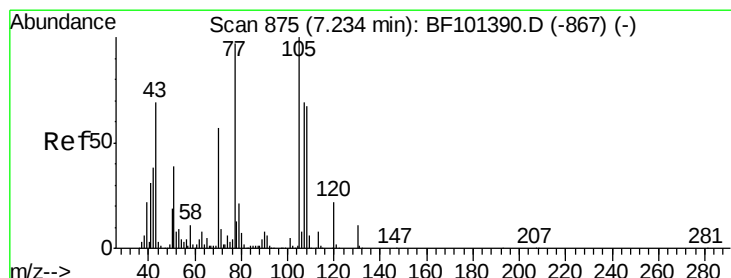
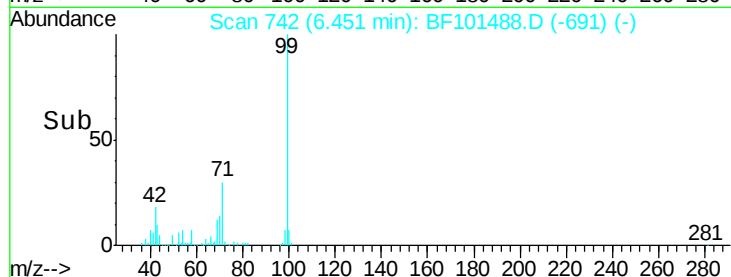
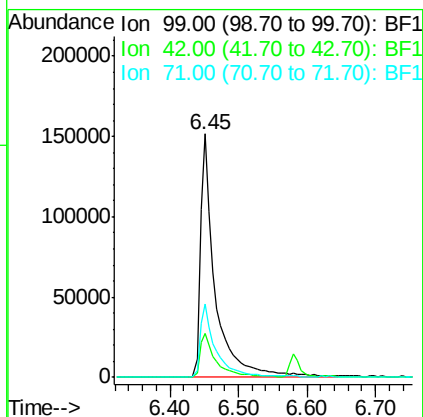
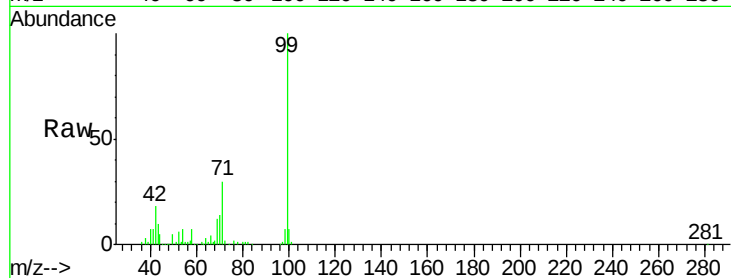
Tot Ion: 99 Resp: 231416

Ion Ratio Lower Upper

99 100

42 18.3 14.5 21.7

71 30.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.00 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Tgt Ion: 70 Resp: 16158

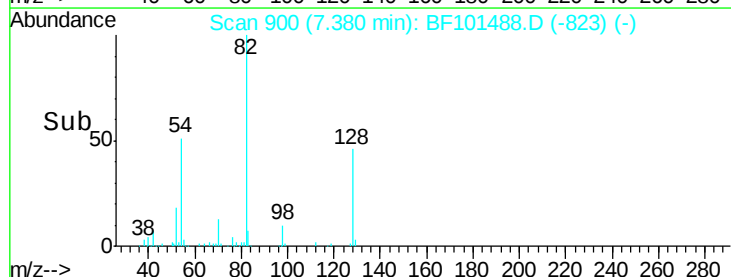
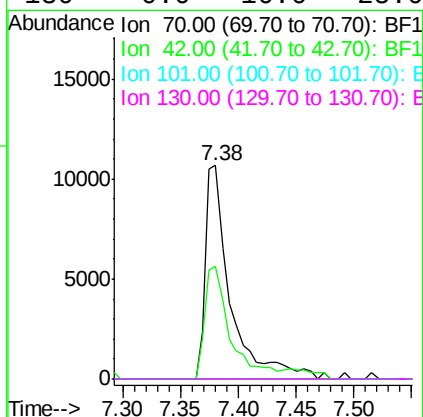
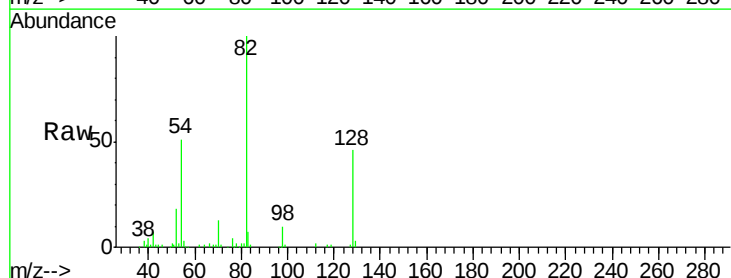
Ion Ratio Lower Upper

70 100

42 52.5 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

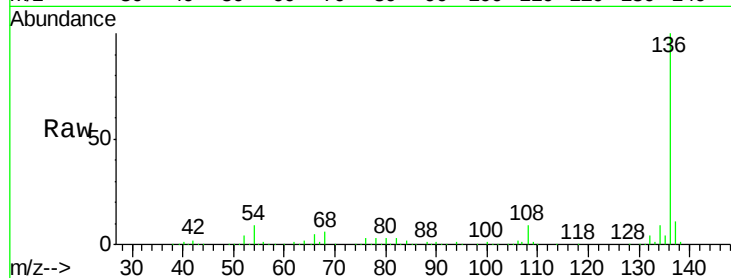




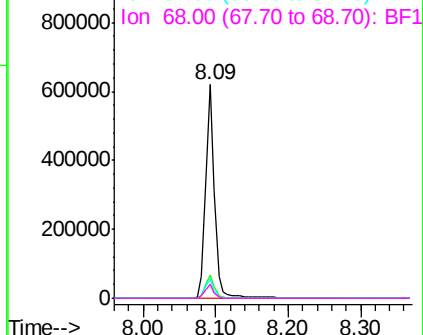
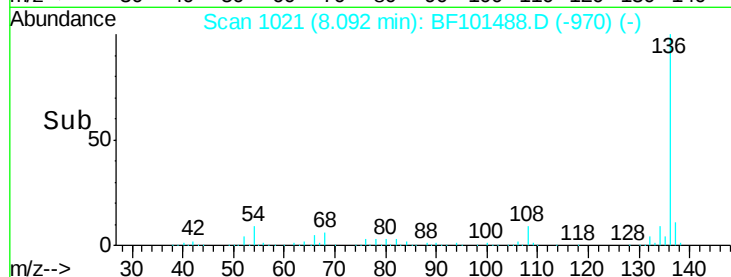
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

Tot Ion:136	Resp:	539090
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	8.7	6.6 9.8
68	6.3	5.0 7.4

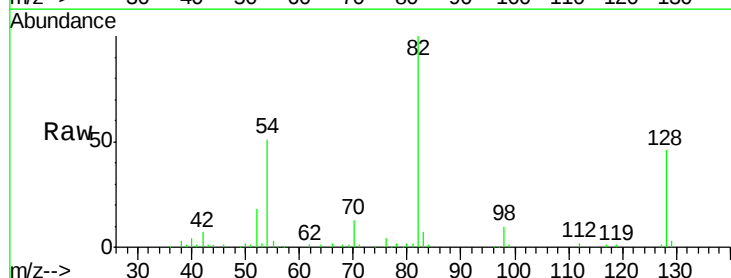


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

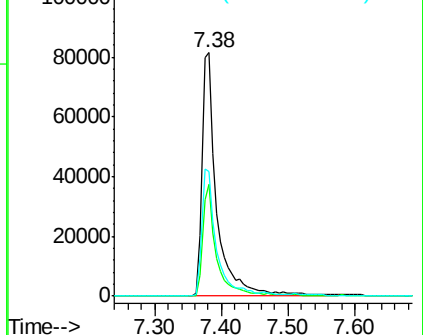
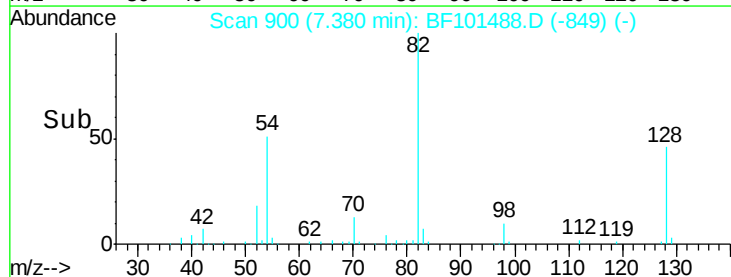


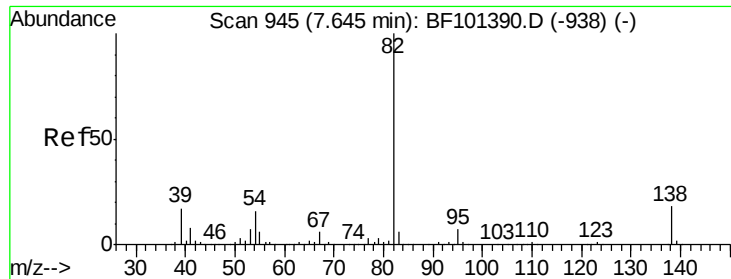
#23
Nitrobenzene-d5
Concen: 12.72 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion: 82	Resp:	123188
Ion	Ratio	Lower Upper
82	100	
128	46.0	36.1 54.1
54	51.4	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: 6.34 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

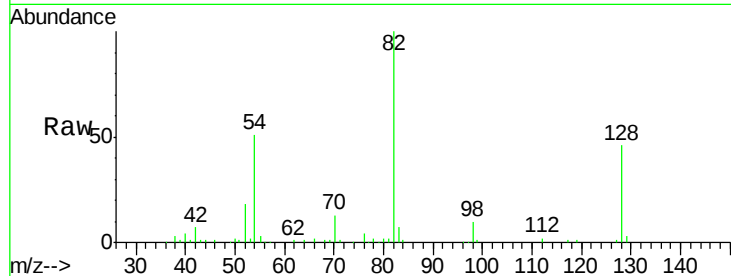
Tot Ion: 82 Resp: 123188

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

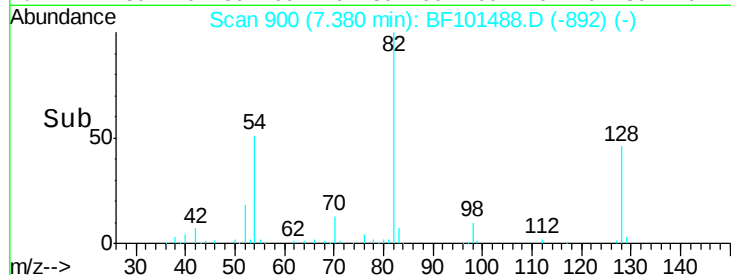


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



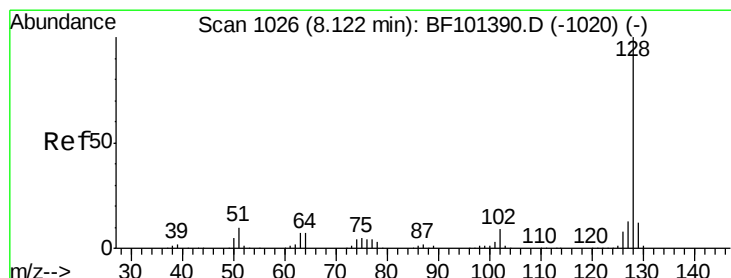
Abundance

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

Time-->



#31

Naphthalene

Concen: 24.50 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

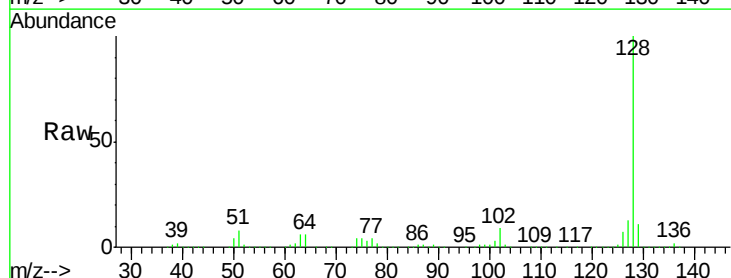
Tgt Ion: 128 Resp: 664995

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 13.4 10.9 16.3

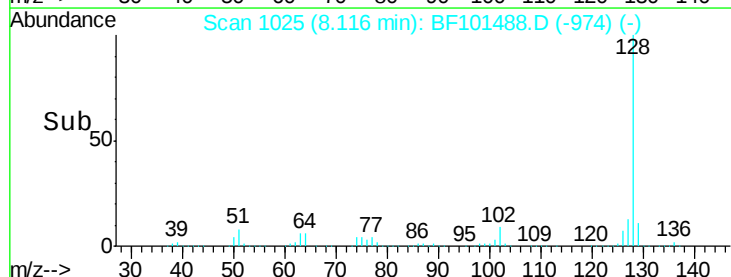


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

Time-->



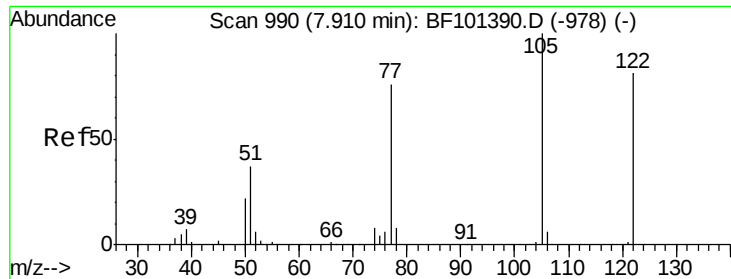
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

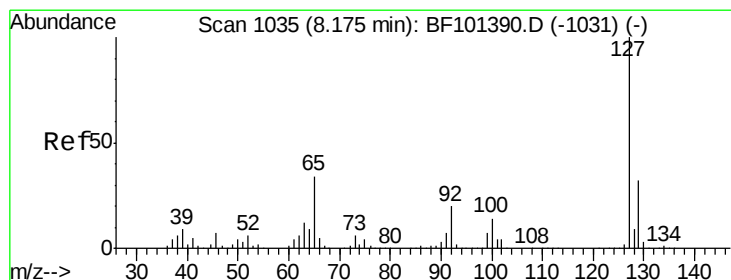
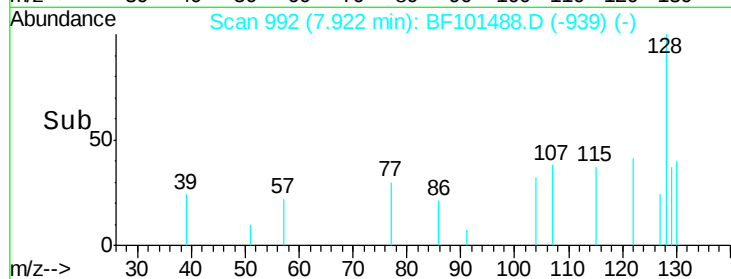
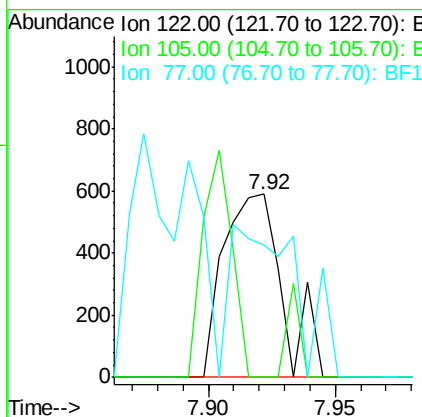
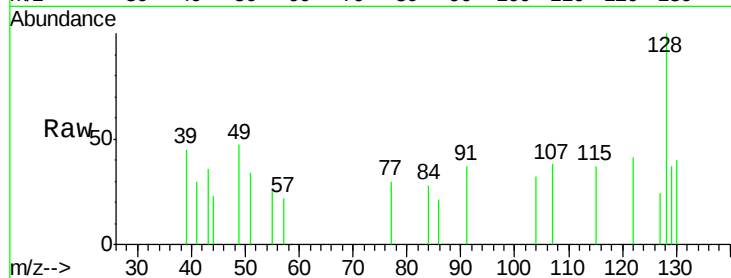
Time-->



#32
Benzoic acid
Concen: 8.11 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

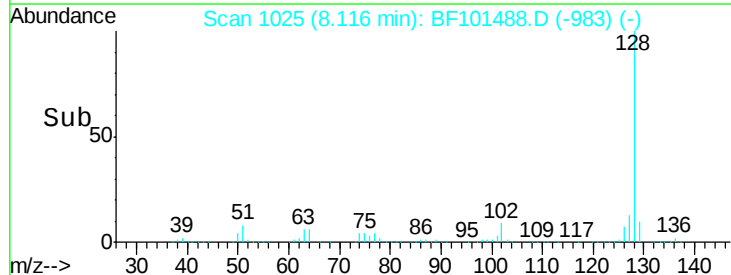
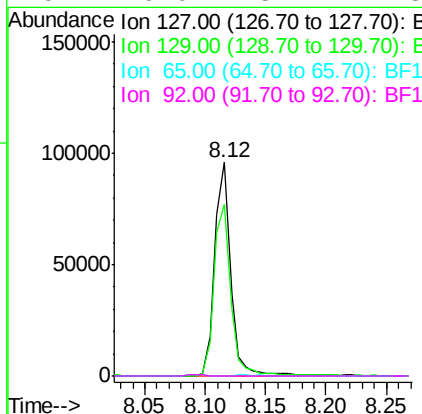
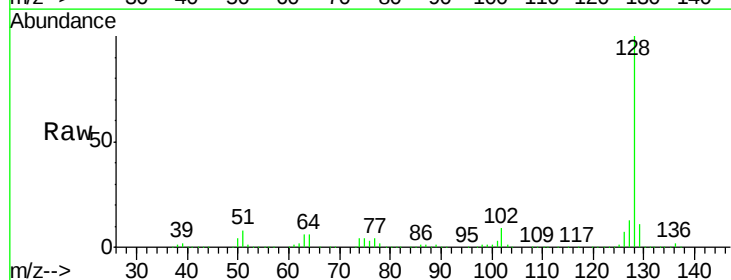
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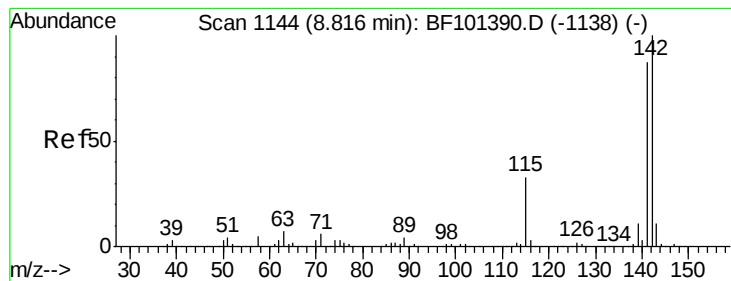
Tot Ion:122 Resp: 957
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 72.4 70.7 110.7



#33
4-Chloroaniline
Concen: 7.44 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion:127 Resp: 87806
Ion Ratio Lower Upper
127 100
129 80.3 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

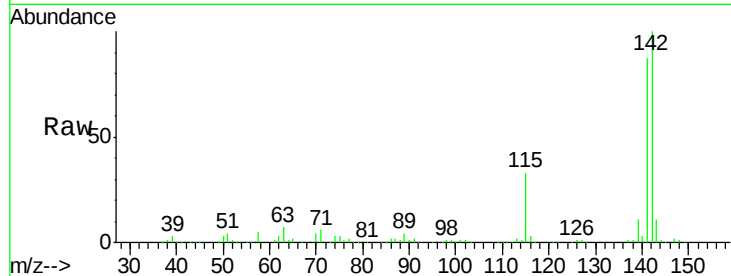




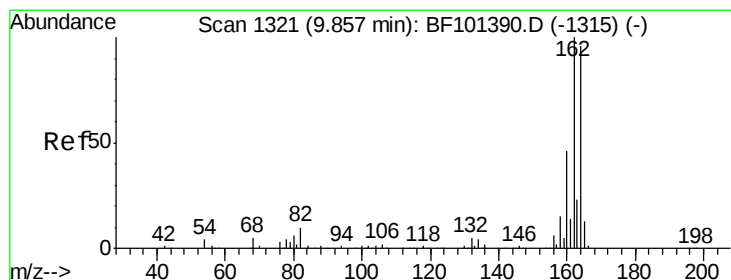
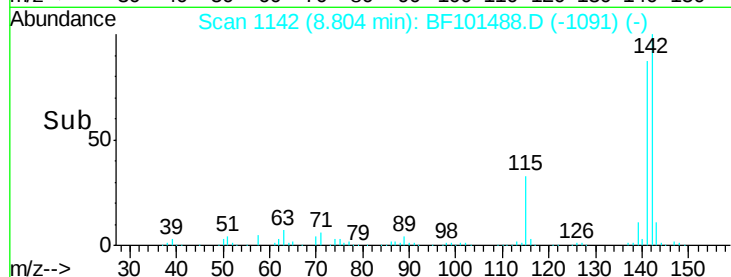
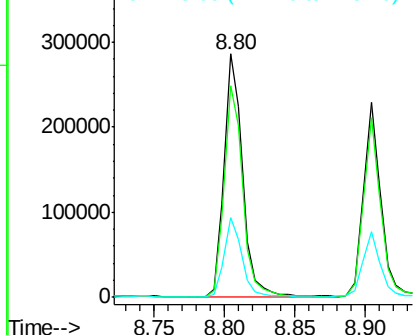
#37
2-Methylnaphthalene
Concen: 15.02 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

Tot Ion:142 Resp: 265544
Ion Ratio Lower Upper
142 100
141 86.8 70.8 106.2
115 32.8 26.1 39.1

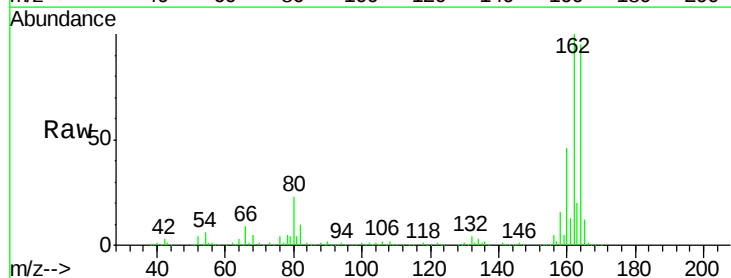


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

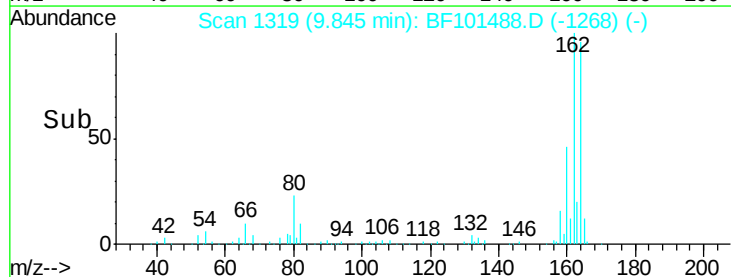
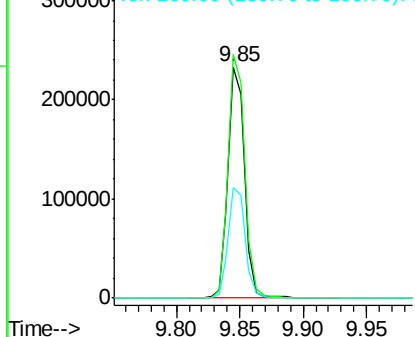


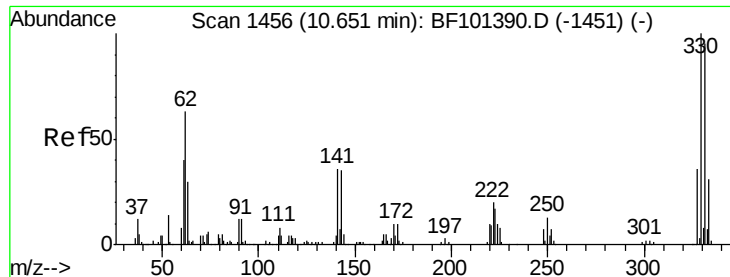
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion:164 Resp: 210352
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 48.0 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

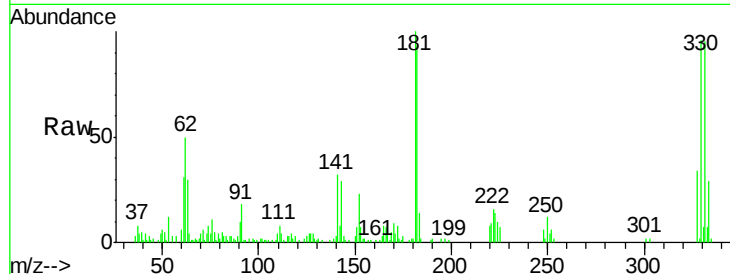




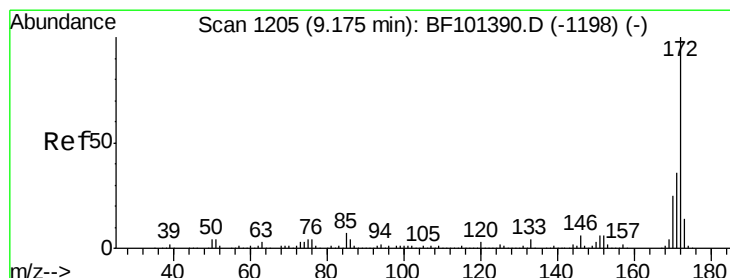
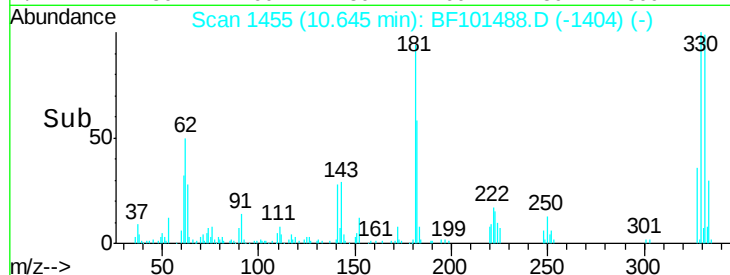
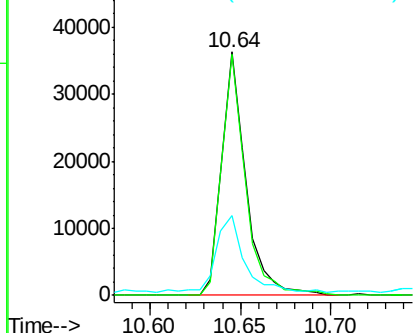
#41
 2,4,6-Tribromophenol
 Concen: 16.72 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-121517-A

Tot Ion:330 Resp: 33883
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 37.6 29.9 44.9

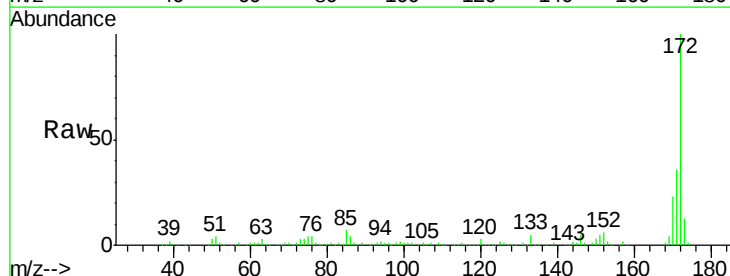


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

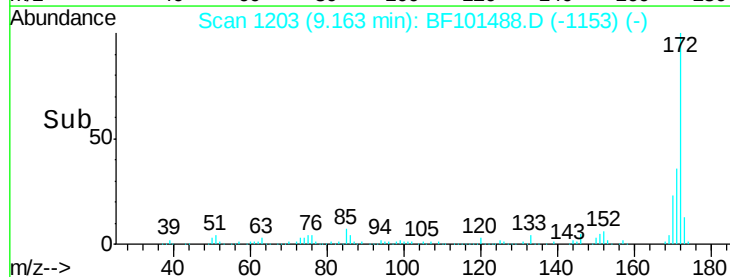
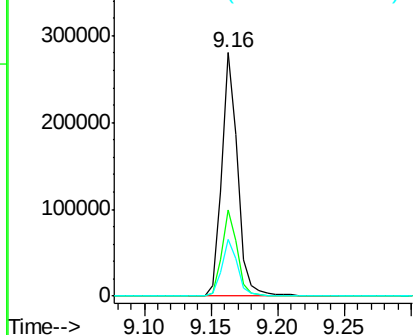


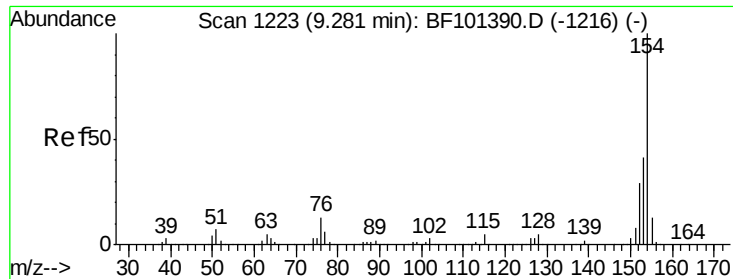
#44
 2-Fluorobiphenyl
 Concen: 17.49 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

Tgt Ion:172 Resp: 237103
 Ion Ratio Lower Upper
 172 100
 171 35.6 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: 3.06 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

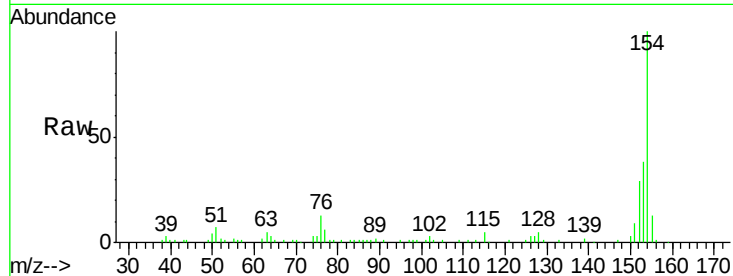
Tot Ion:154 Resp: 57013

Ion Ratio Lower Upper

154 100

153 38.3 21.3 61.3

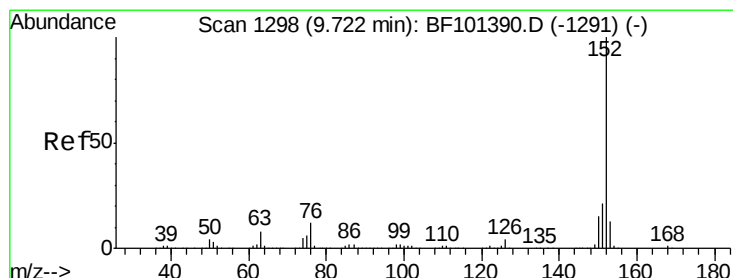
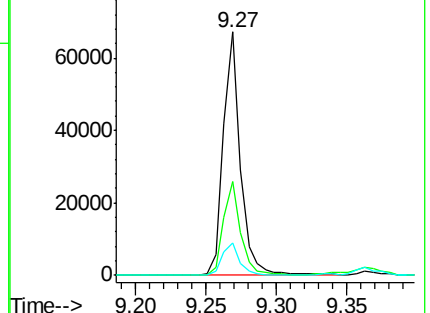
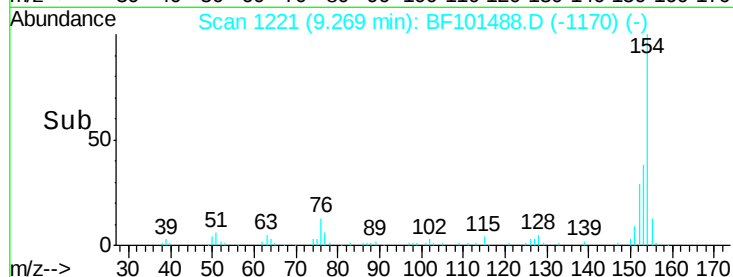
76 13.4 0.0 34.0



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: 6.24 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

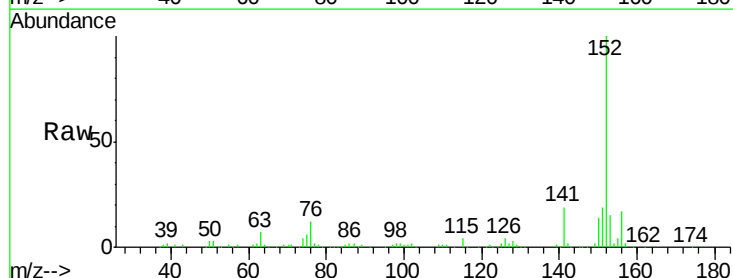
Tgt Ion:152 Resp: 140670

Ion Ratio Lower Upper

152 100

151 19.2 16.3 24.5

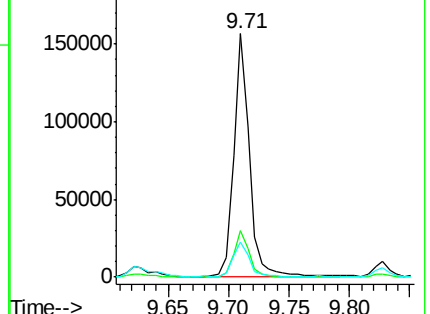
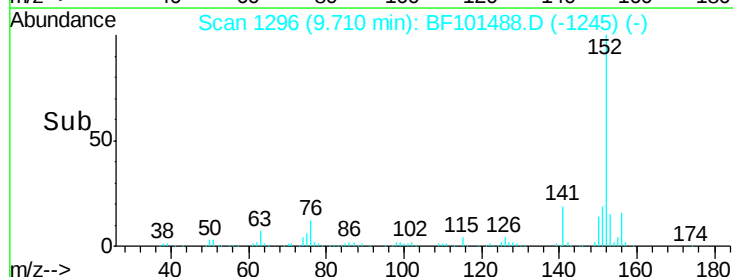
153 14.6 10.7 16.1

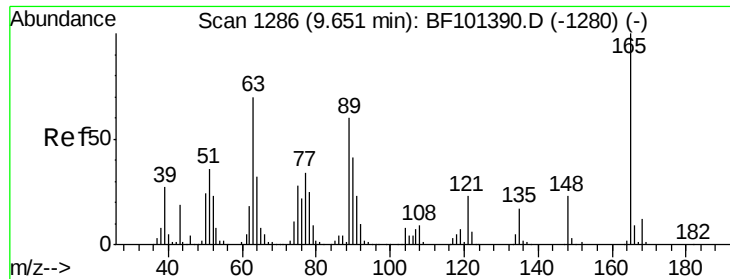


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

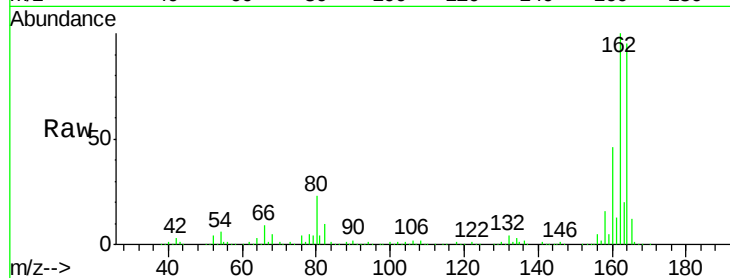




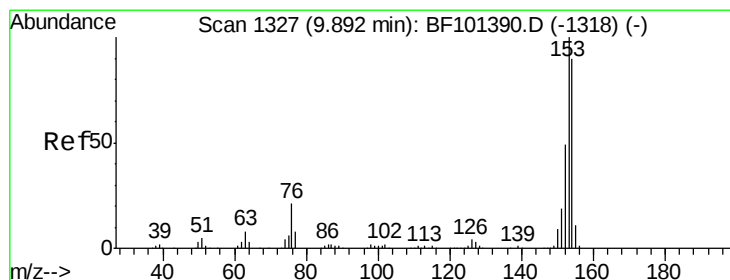
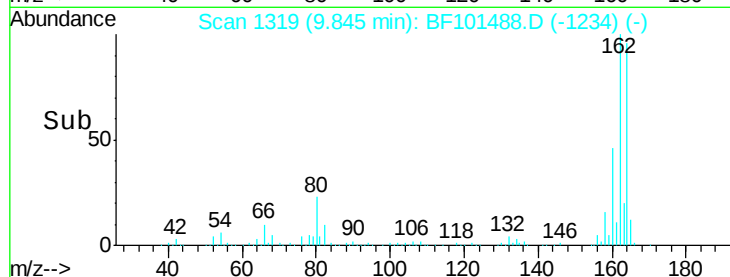
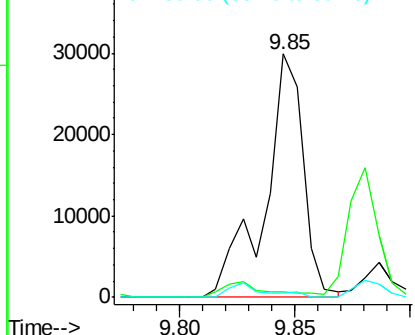
#50
2,6-Dinitrotoluene
Concen: 10.05 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

Tot Ion:165 Resp: 34575
Ion Ratio Lower Upper
165 100
63 2.2 44.7 67.1#
89 1.8 44.0 66.0#

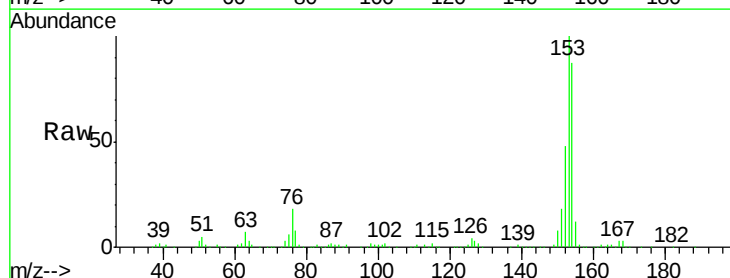


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

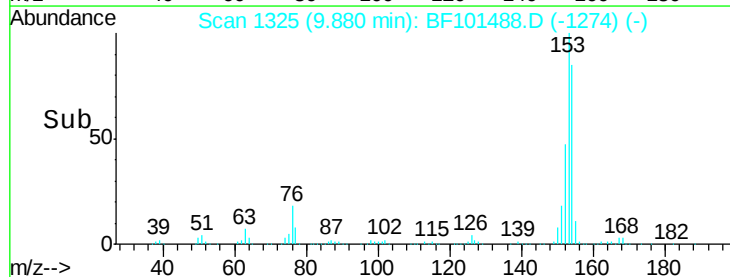
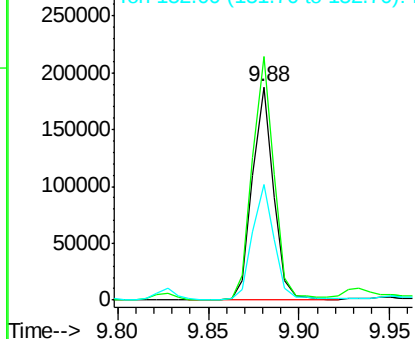


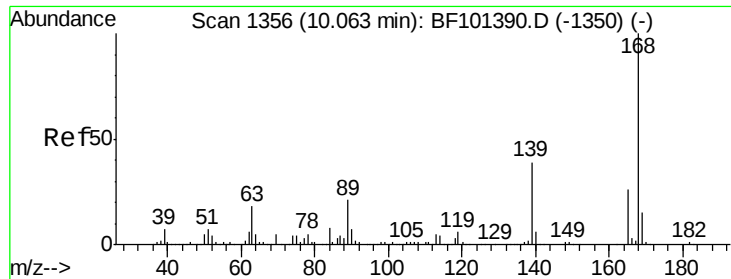
#51
Acenaphthene
Concen: 11.18 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion:154 Resp: 151437
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 54.4 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





#54

Dibenzenofuran

Concen: 11.27 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

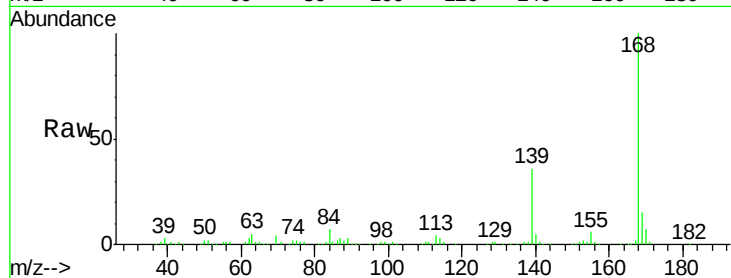
Tot Ion:168 Resp: 194034

Ion Ratio Lower Upper

168 100

139 36.4 30.1 45.1

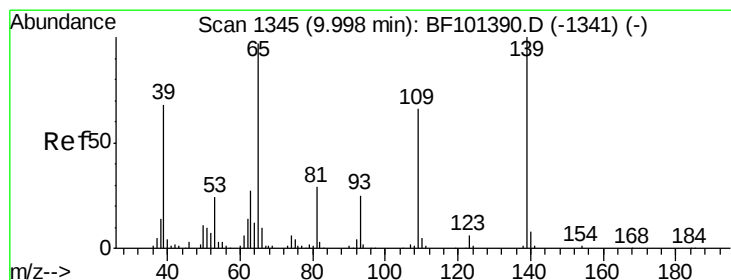
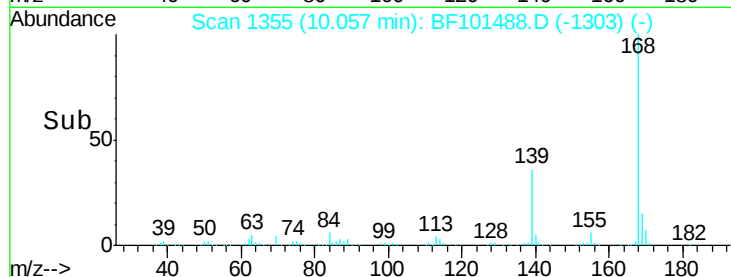
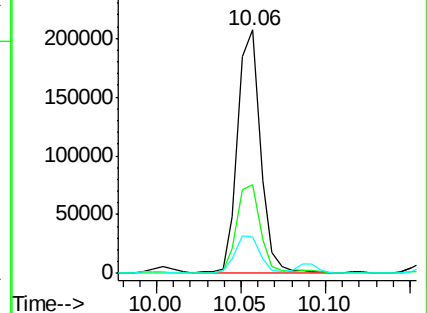
169 15.1 10.9 16.3



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: 40.53 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.06 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

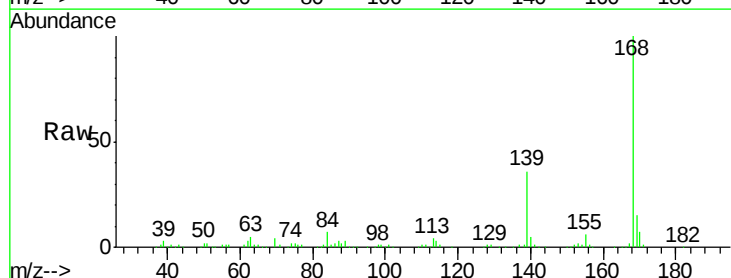
Tgt Ion:139 Resp: 75763

Ion Ratio Lower Upper

139 100

109 0.7 48.4 88.4#

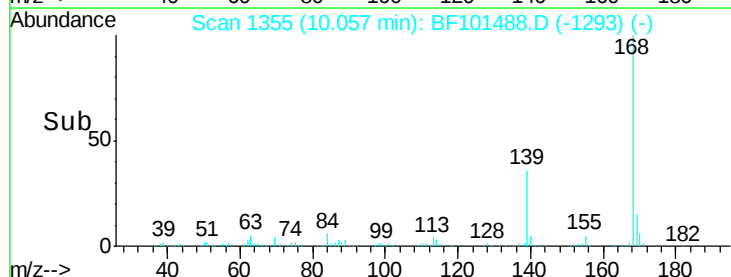
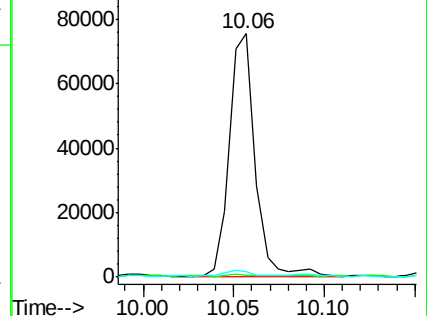
65 2.3 72.6 112.6#

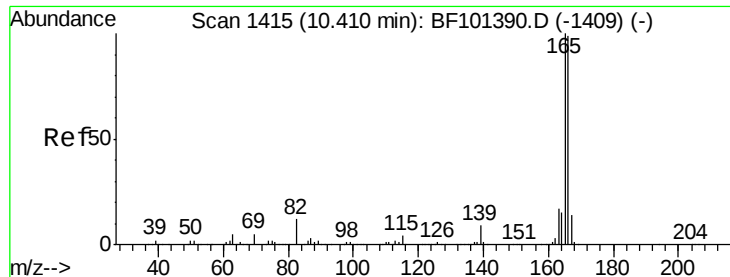


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

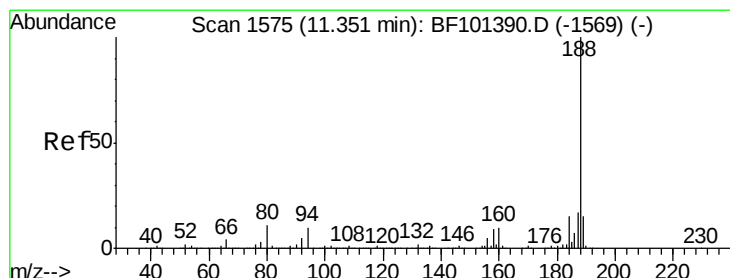
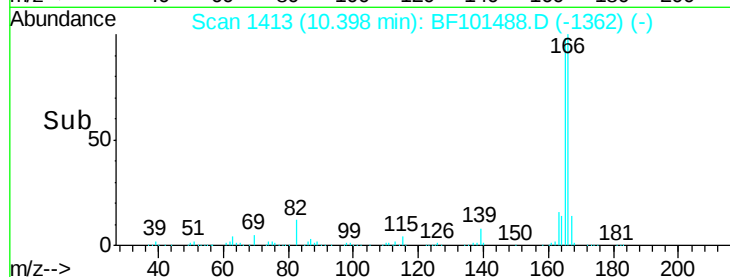
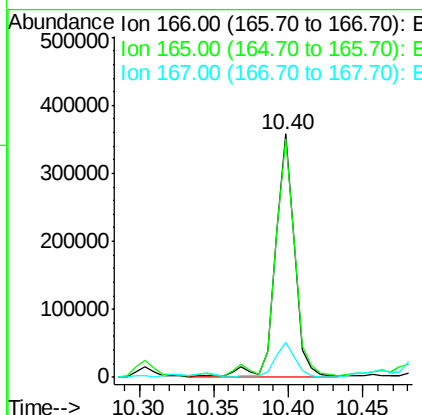
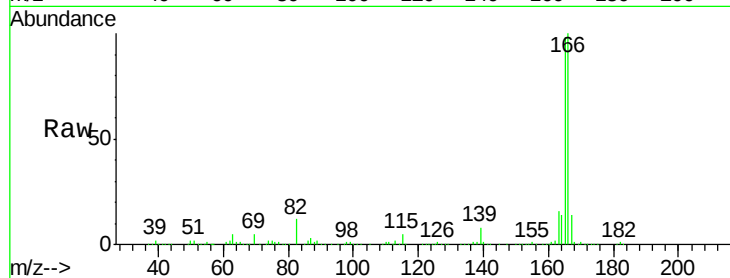




#57
Fluorene
 Concen: 21.65 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

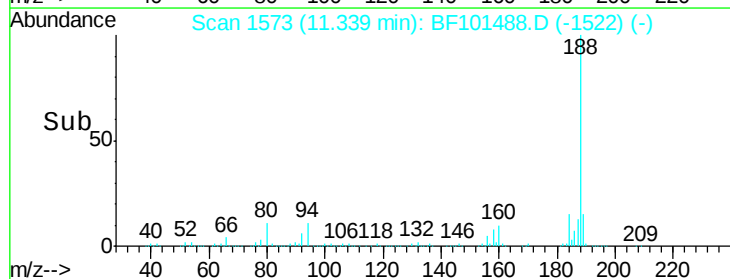
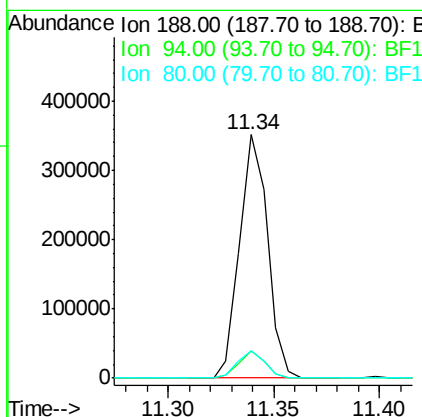
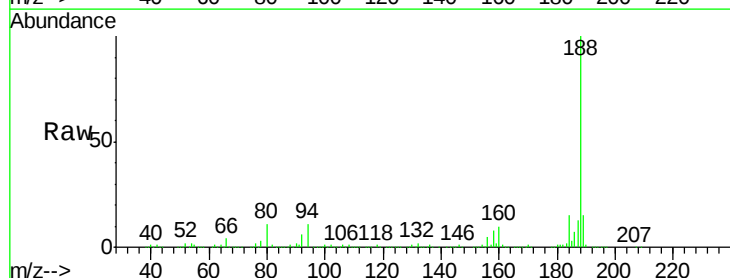
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-121517-A

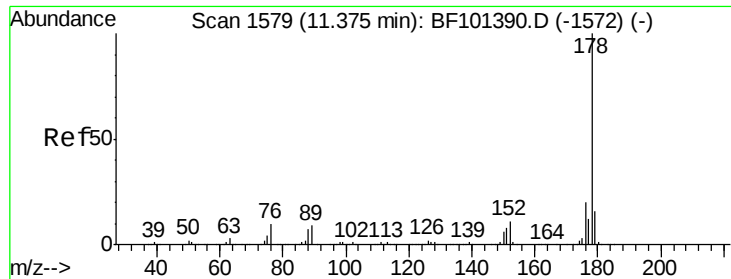
Tot Ion:	166	Resp:	315197
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	14.1	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

Tgt Ion:	188	Resp:	322894
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.5	9.2	13.8





#70

Phenanthrene

Concen: 72.29 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

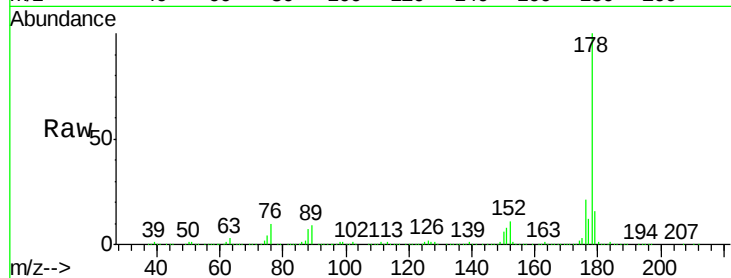
Tot Ion:178 Resp: 1298035

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

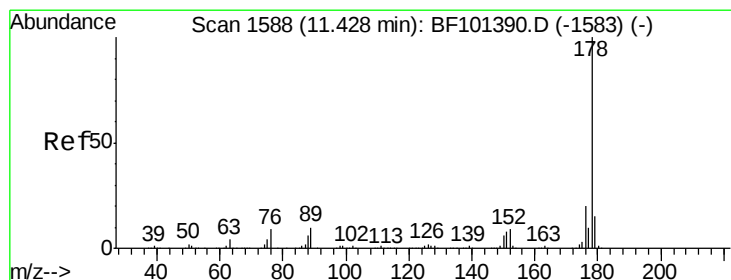
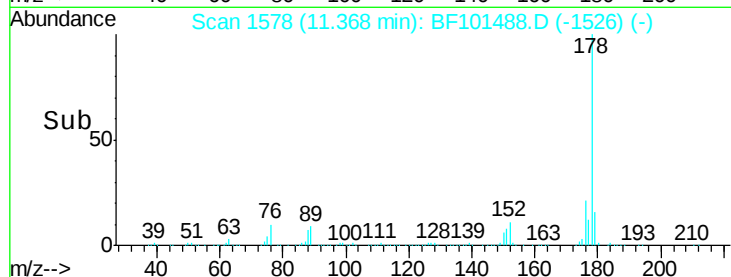
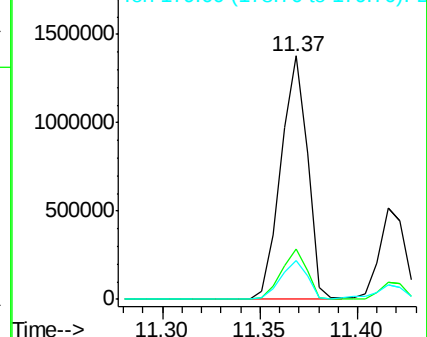
179 15.9 13.0 19.6



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: 24.93 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

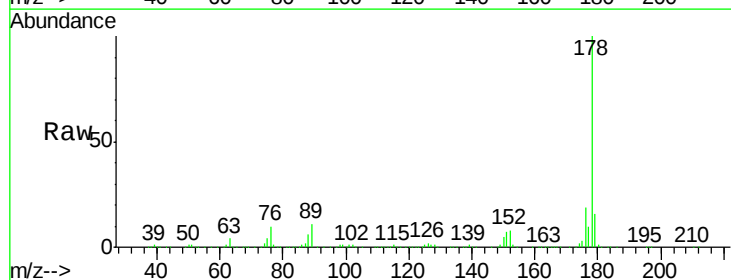
Tgt Ion:178 Resp: 457255

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

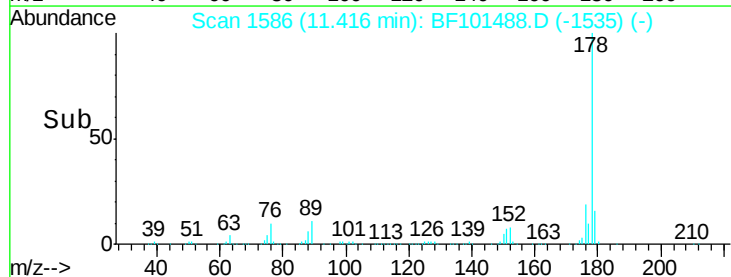
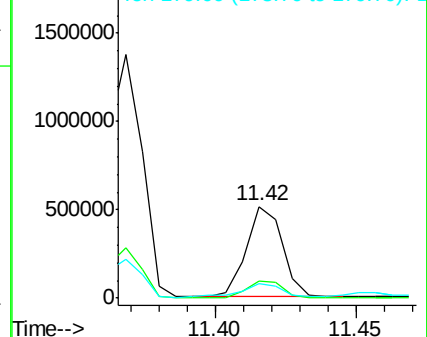
179 16.0 12.6 19.0

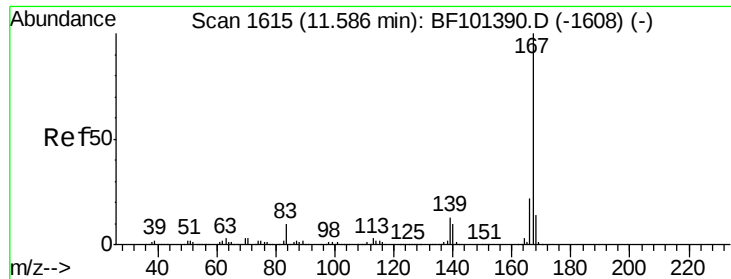


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

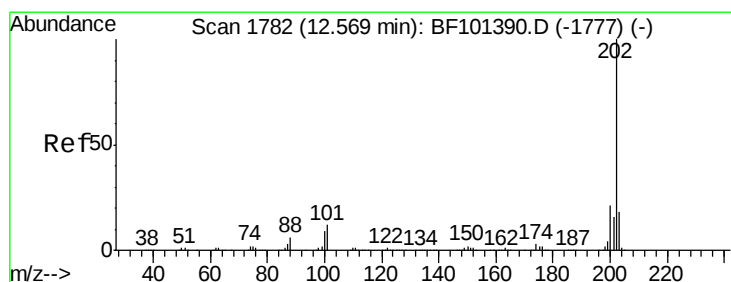
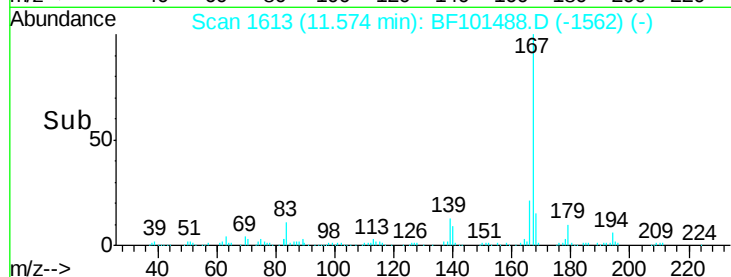
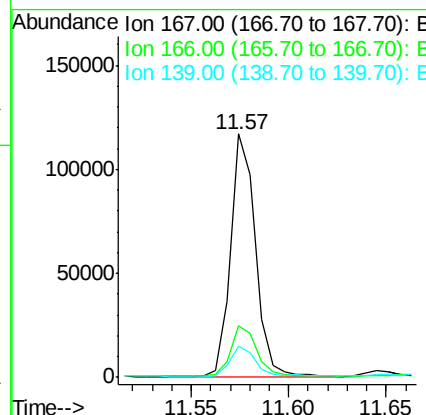
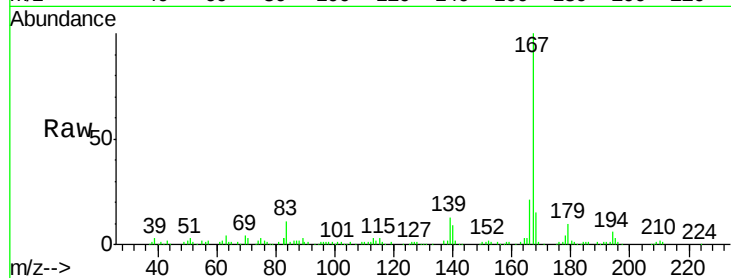




#72
 Carbazole
 Concen: 6.00 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

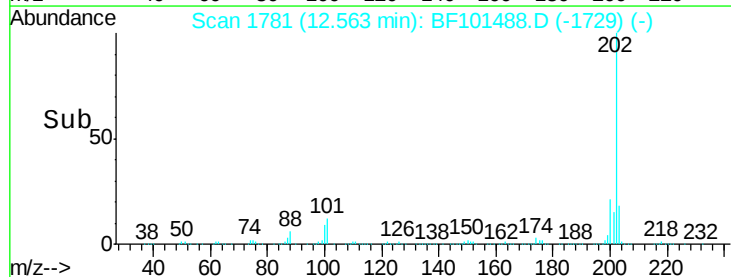
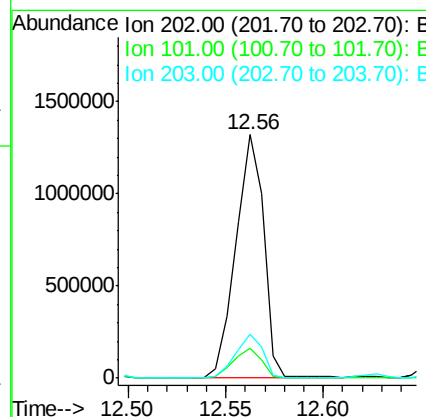
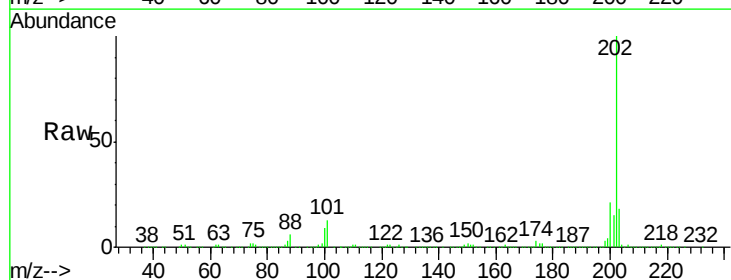
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-121517-A

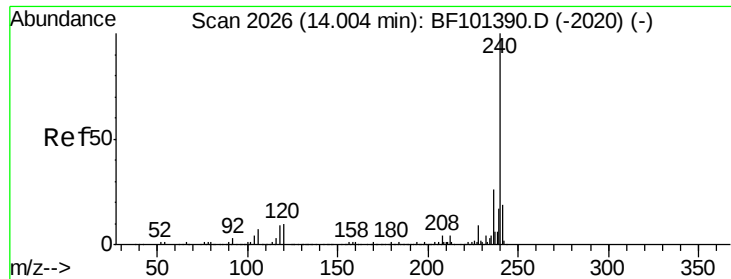
Tot Ion:167 Resp: 103063
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 12.8 10.9 16.3



#74
 Fluoranthene
 Concen: 69.51 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

Tgt Ion:202 Resp: 1310209
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 34.1
 203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

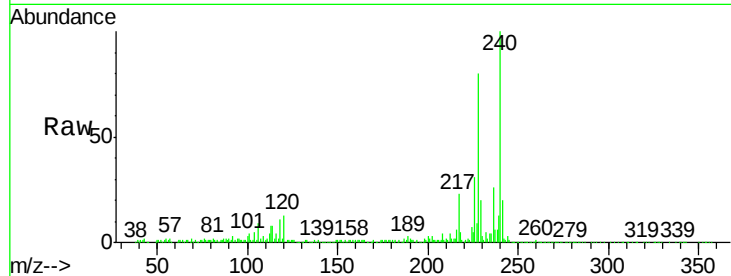
Tot Ion:240 Resp: 262840

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

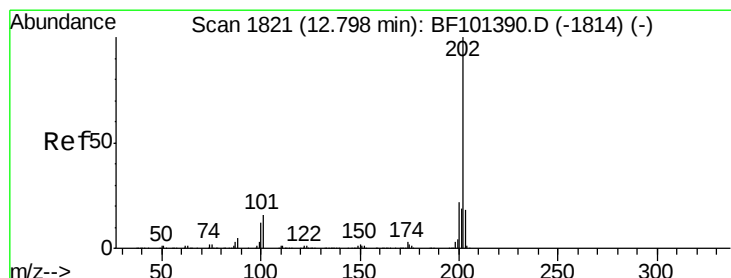
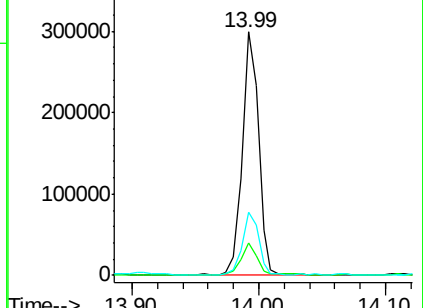
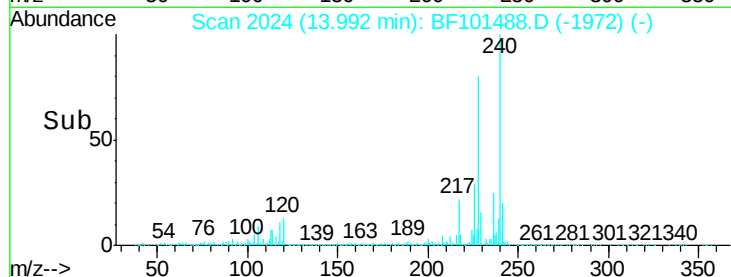
236 25.8 20.7 31.1



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: 64.30 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

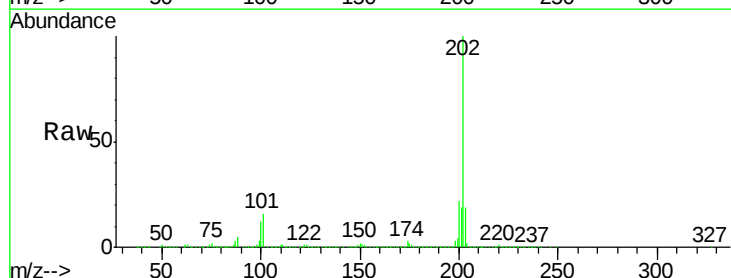
Tgt Ion:202 Resp: 1268473

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

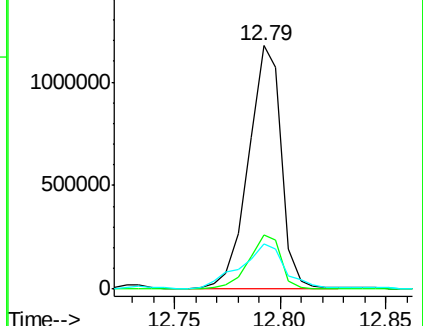
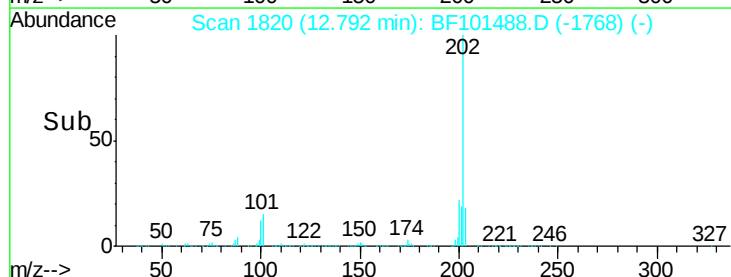
203 18.6 14.3 21.5

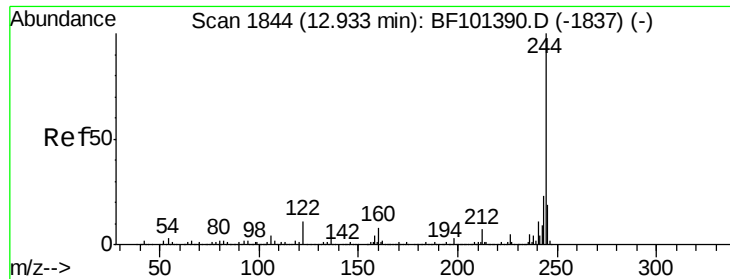


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

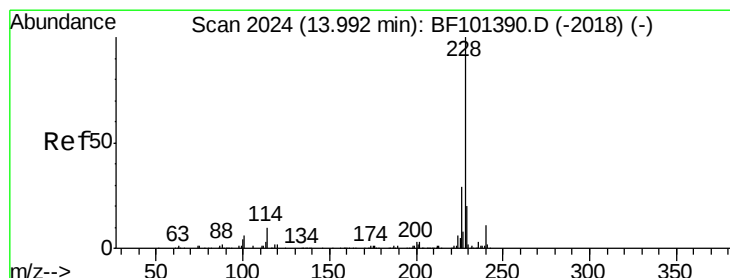
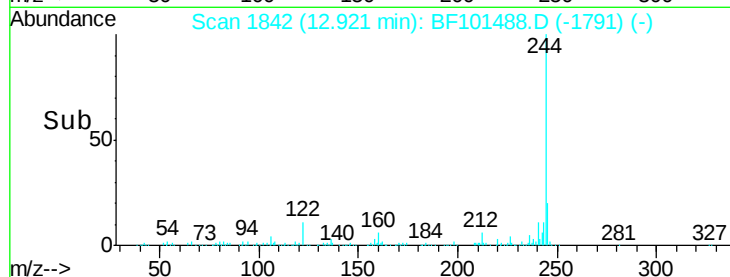
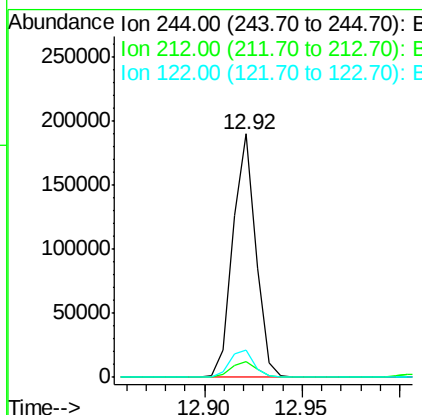
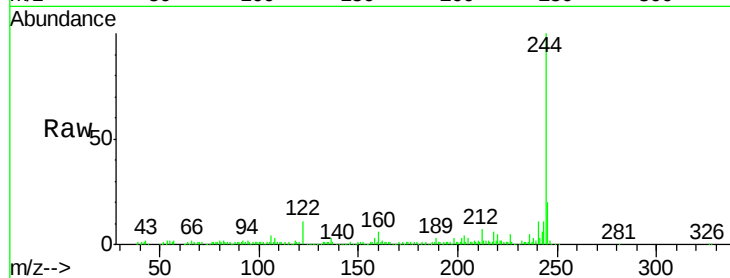




#78
 Terphenyl-d14
 Concen: 14.25 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

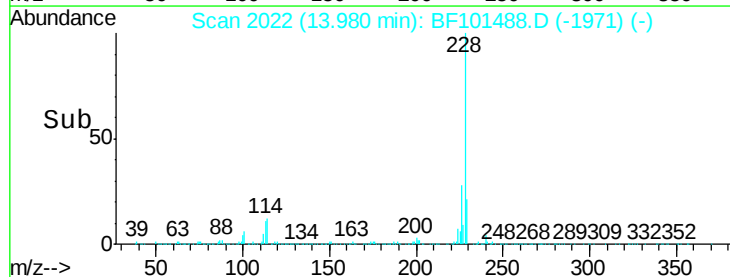
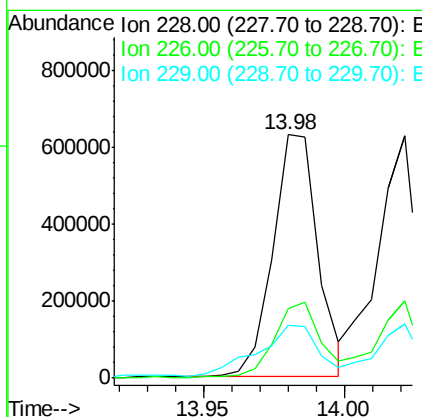
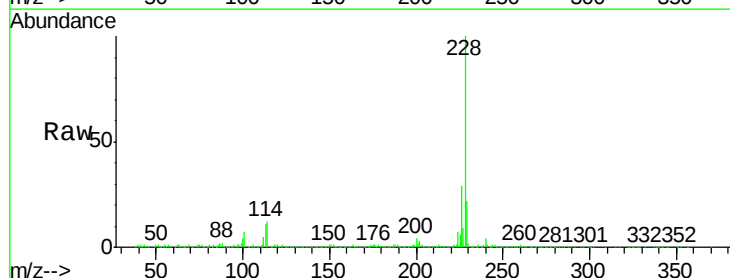
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-121517-A

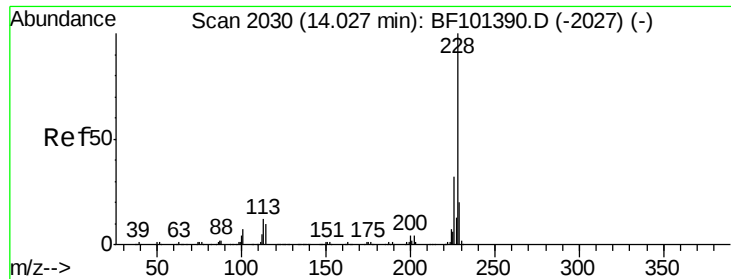
Tot Ion:244 Resp: 155377
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.0 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 40.30 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF101488.D
 Acq: 18 Dec 2017 18:42

Tgt Ion:228 Resp: 699399
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.6 33.8
 229 21.6 15.8 23.6





#82

Chrysene

Concen: 37.37 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :

BNA_F

ClientSampleId :

OR-01-121517-A

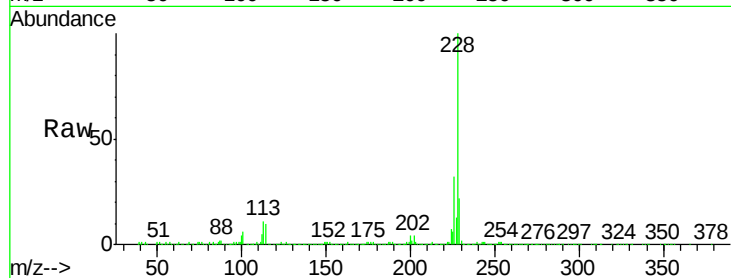
Tot Ion:228 Resp: 612397

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

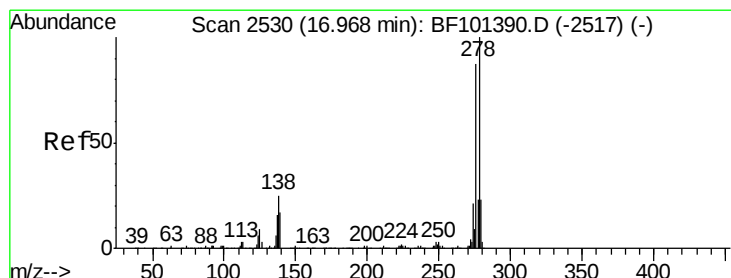
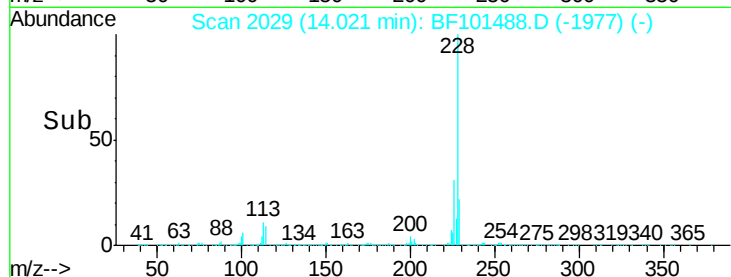
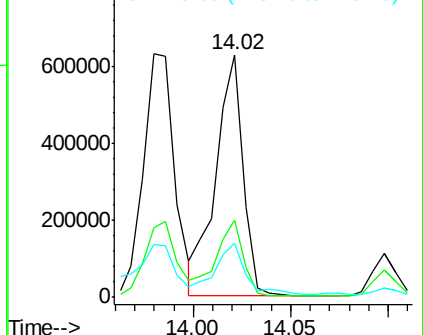
229 22.5 16.2 24.4



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: 19.52 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

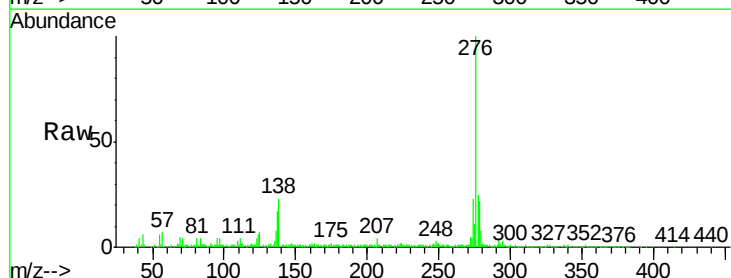
Tgt Ion:276 Resp: 284811

Ion Ratio Lower Upper

276 100

138 23.2 25.0 37.6#

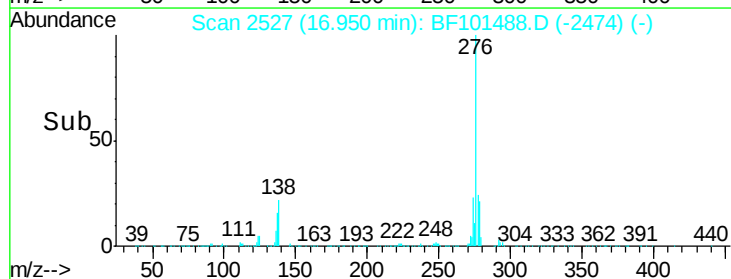
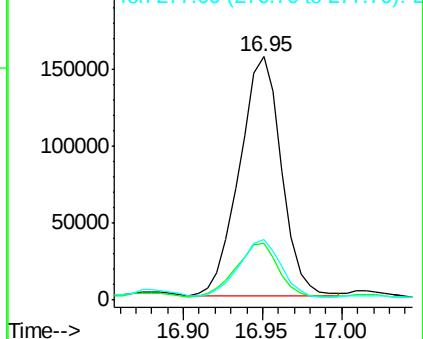
277 24.6 20.1 30.1

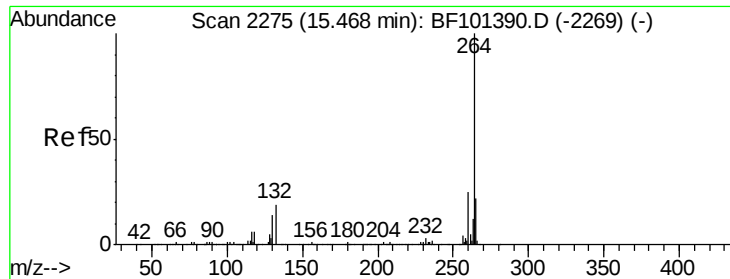


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

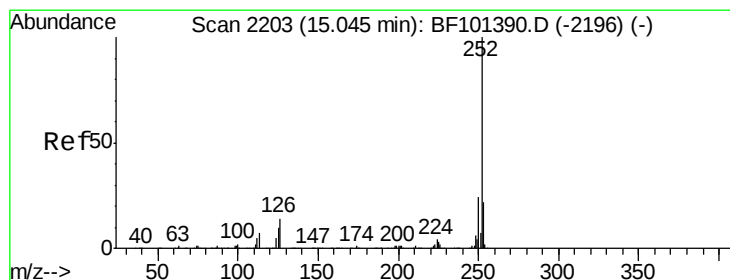
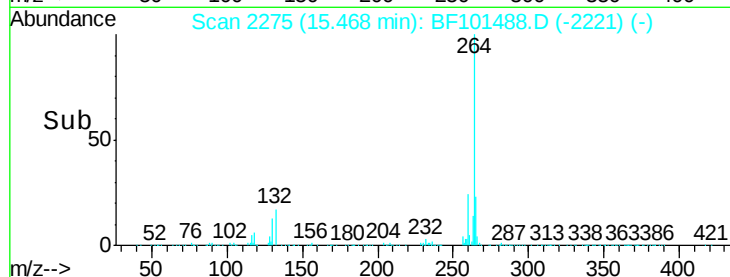
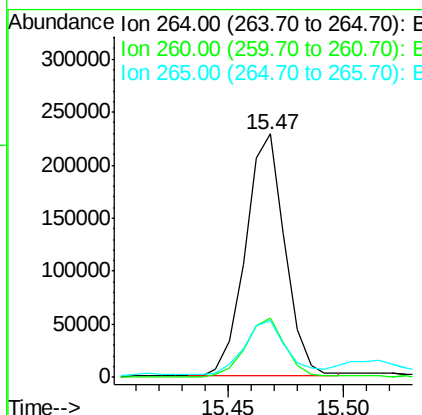
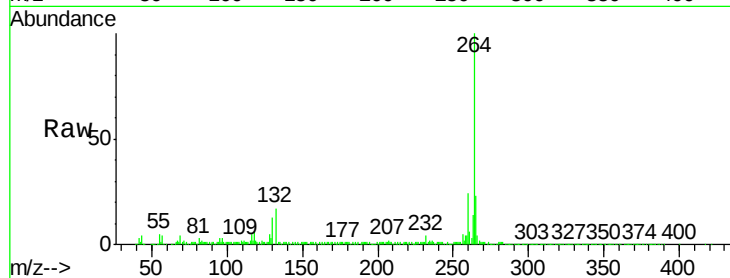




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

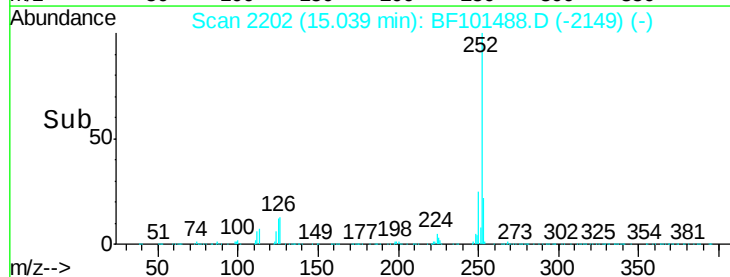
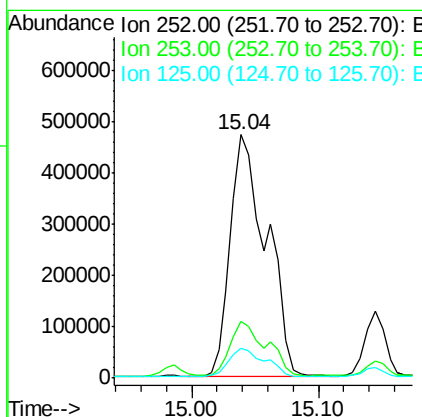
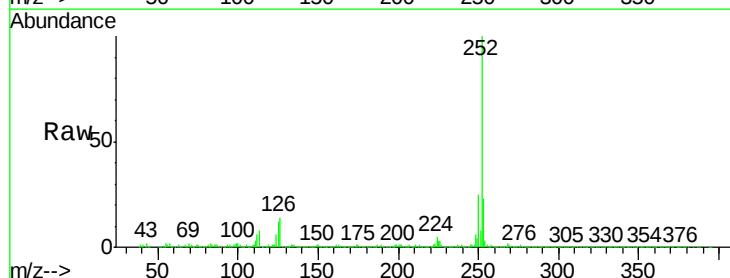
Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

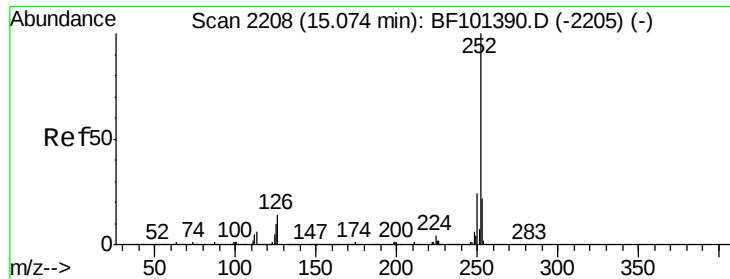
Tot Ion:264 Resp: 272183
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 23.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 56.55 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion:252 Resp: 938160
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 12.2 9.0 13.6





#88

Benzo(k)fluoranthene

Concen: 58.16 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

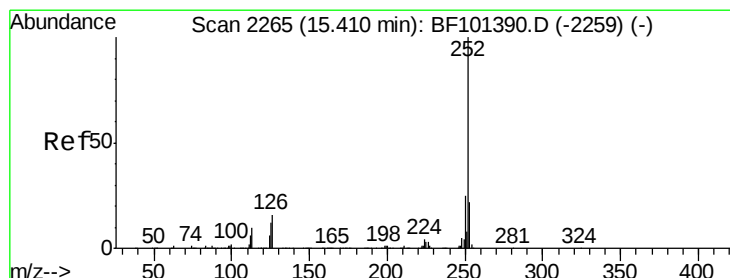
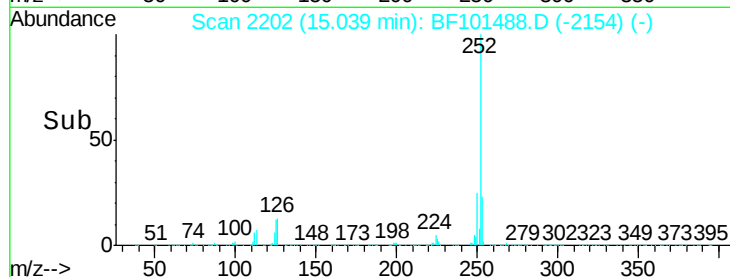
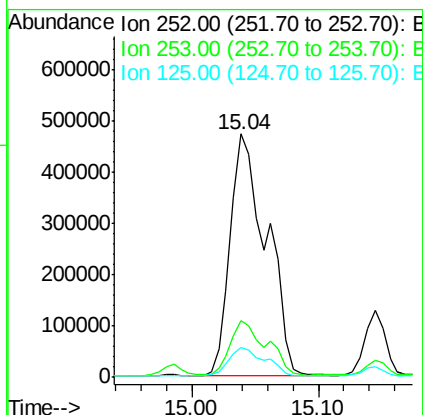
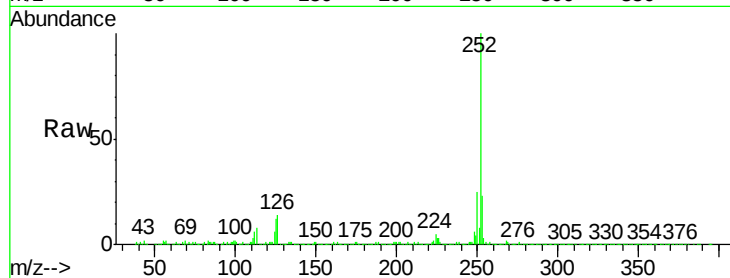
Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

Tot Ion:252 Resp: 938160

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.2	10.2	15.2



#89

Benzo(a)pyrene

Concen: 35.74 ng

RT: 15.41 min Scan# 2265

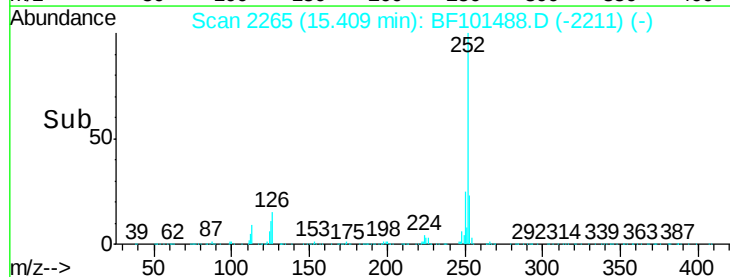
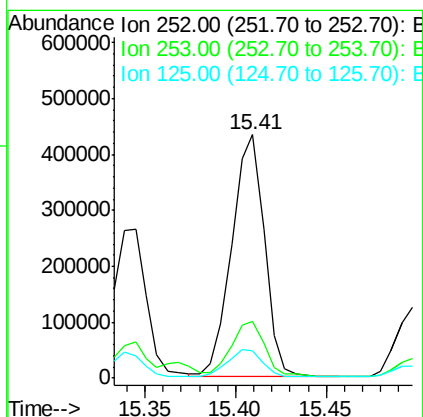
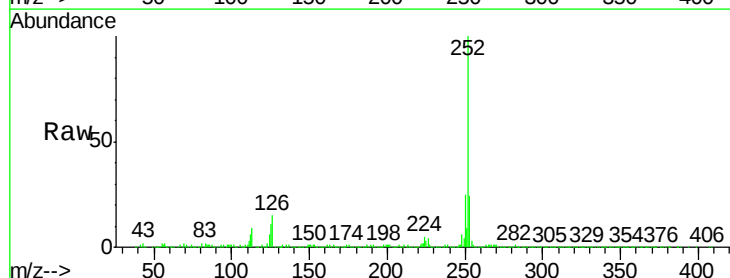
Delta R.T. 0.02 min

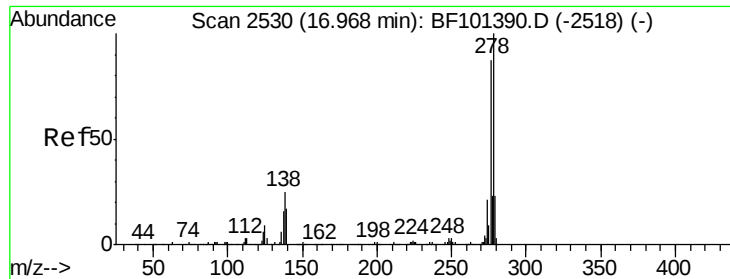
Lab File: BF101488.D

Acq: 18 Dec 2017 18:42

Tgt Ion:252 Resp: 546541

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	11.5	9.8	14.6

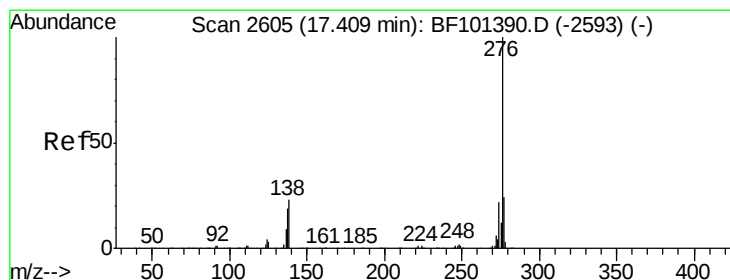
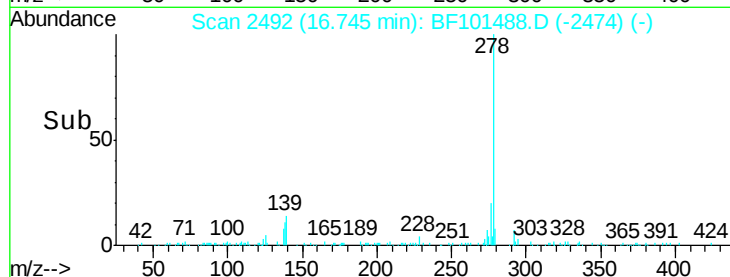
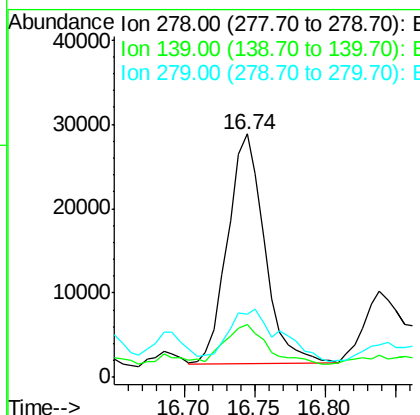
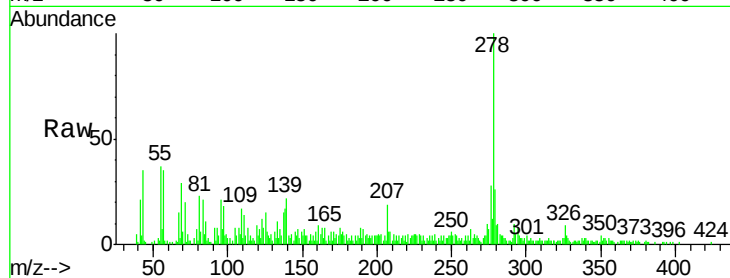




#90
Dibenzo(a,h)anthracene
Concen: 3.78 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.19 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Instrument :
BNA_F
ClientSampleId :
OR-01-121517-A

Tot Ion:278 Resp: 49661
Ion Ratio Lower Upper
278 100
139 21.8 15.9 23.9
279 26.0 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 21.09 ng
RT: 17.40 min Scan# 2604
Delta R.T. 0.02 min
Lab File: BF101488.D
Acq: 18 Dec 2017 18:42

Tgt Ion:276 Resp: 274280
Ion Ratio Lower Upper
276 100
277 25.2 17.9 26.9
138 24.0 21.8 32.8

