

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107280.D
 Acq On : 10 Jul 2018 18:35
 Operator : JU/SJ
 Sample : J3891-05RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230RE

Quant Time: Jul 11 01:08:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

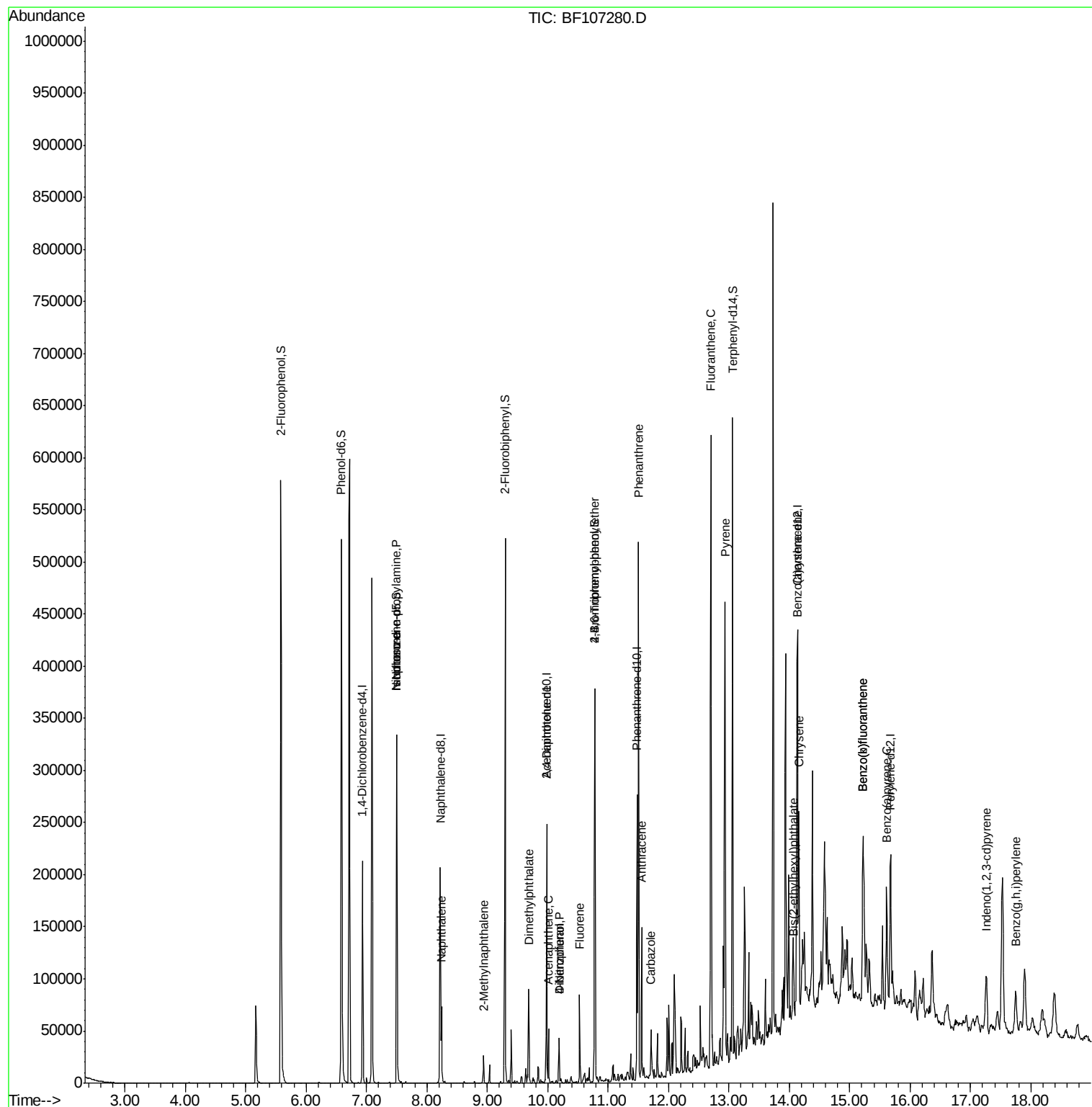
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	30943	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	106903	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	50062	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	105461	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	97178	20.00	ng	-0.03
86) Perylene-d12	15.68	264	71986	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	174748	95.63	ng	-0.02
7) Phenol-d6	6.58	99	205483	90.04	ng	-0.03
23) Nitrobenzene-d5	7.50	82	120316	62.55	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	54231	93.46	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	179116	55.43	ng	-0.03
78) Terphenyl-d14	13.06	244	208049	51.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	15332	10.193	ng	Qvalue # 75
20) 3+4-Methylphenols	7.38	107	452	Below Cal		# 69
25) Isophorone	7.50	82	120315	35.494	ng	# 64
31) Naphthalene	8.24	128	28900	5.782	ng	99
37) 2-Methylnaphthalene	8.94	142	8261	2.494	ng	95
49) Dimethylphthalate	9.69	163	38683	10.303	ng	97
51) Acenaphthene	10.01	154	10697	3.426	ng	99
54) Dibenzofuran	10.19	168	18043	4.220	ng	94
55) 4-Nitrophenol	10.19	139	6090	9.536	ng	# 9
56) 2,4-Dinitrotoluene	9.98	165	6722	6.477	ng	# 21
57) Fluorene	10.53	166	24025	7.082	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	3169	2.518	ng	# 1
70) Phenanthrene	11.51	178	195247	38.385	ng	98
71) Anthracene	11.55	178	54305	10.460	ng	99
72) Carbazole	11.71	167	16573	3.409	ng	99
74) Fluoranthene	12.70	202	233890	41.718	ng	97
77) Pyrene	12.94	202	205334	32.042	ng	100
80) Benzo(a)anthracene	14.12	228	99961	16.878	ng	98
82) Chrysene	14.16	228	78116	14.336	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	6959	2.066	ng	# 87
85) Indeno(1,2,3-cd)pyrene	17.26	276	34676	7.499	ng	# 88
87) Benzo(b)fluoranthene	15.22	252	111994	25.045	ng	97
88) Benzo(k)fluoranthene	15.22	252	111994	26.299	ng	# 97
89) Benzo(a)pyrene	15.61	252	61191	15.393	ng	96
91) Benzo(g,h,i)perylene	17.75	276	33685	10.230	ng	# 89

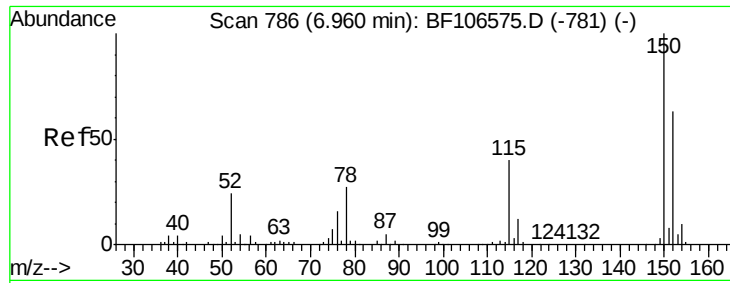
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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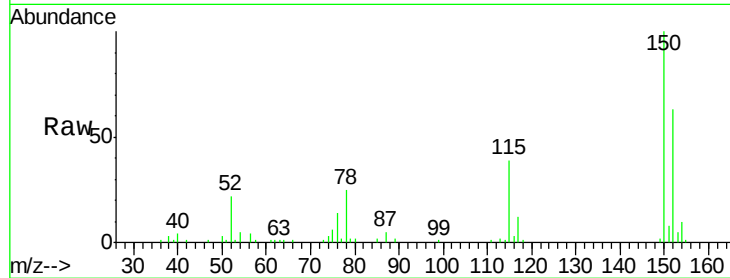


#1

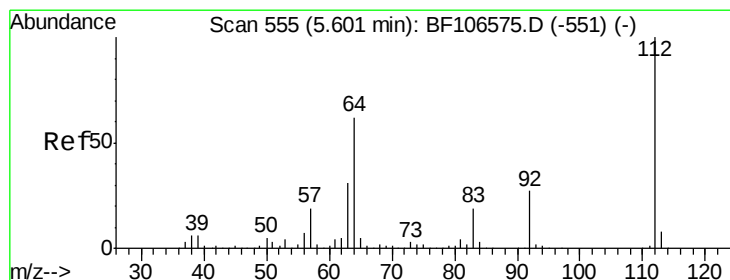
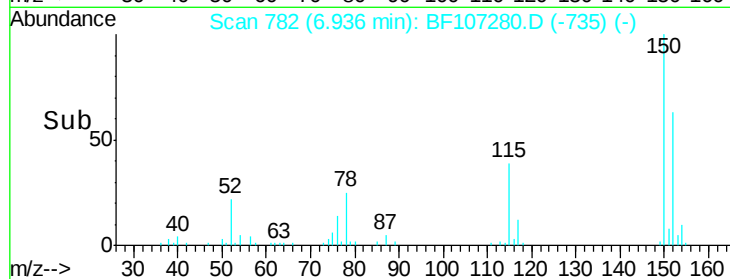
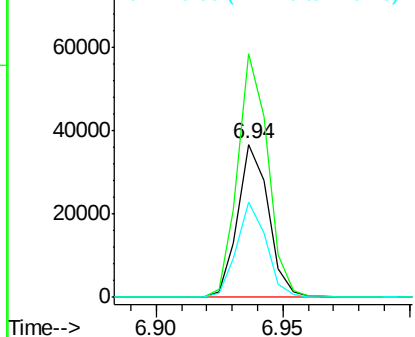
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:152 Resp: 30943
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 62.1 50.1 75.1



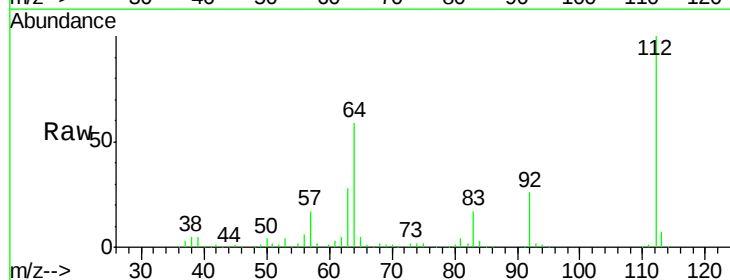
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



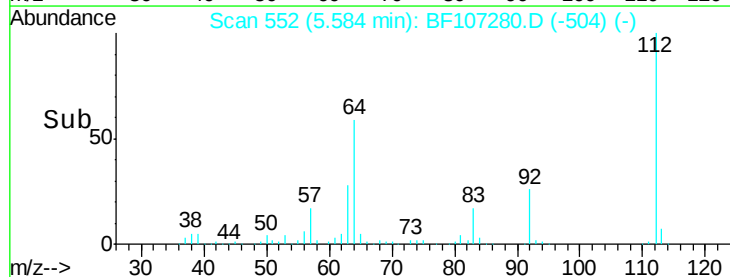
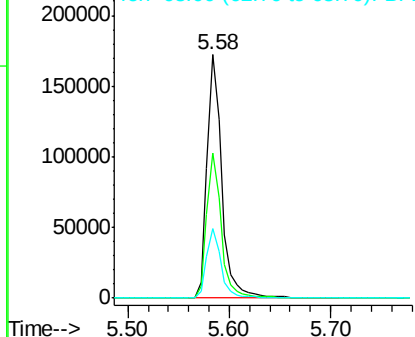
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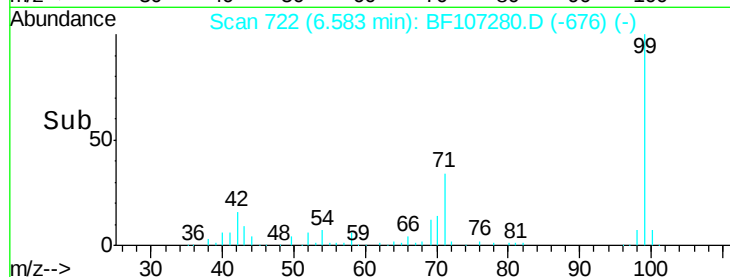
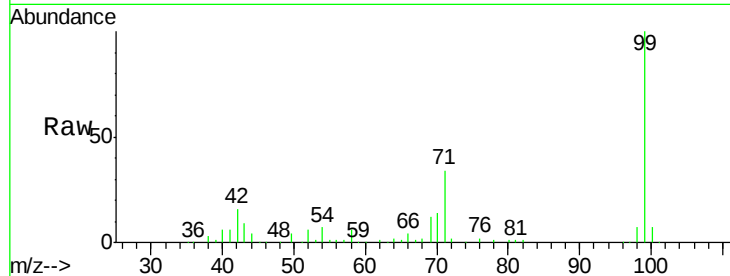
2-Fluorophenol
Concen: 95.629 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:112 Resp: 174748
Ion Ratio Lower Upper
112 100
64 59.4 47.9 71.9
63 28.4 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: 90.044 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

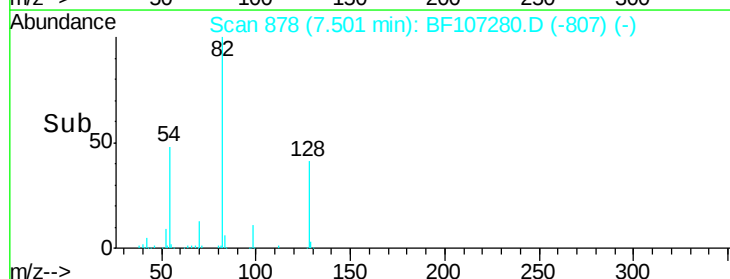
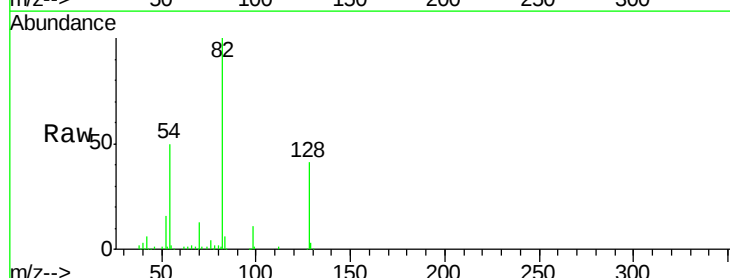
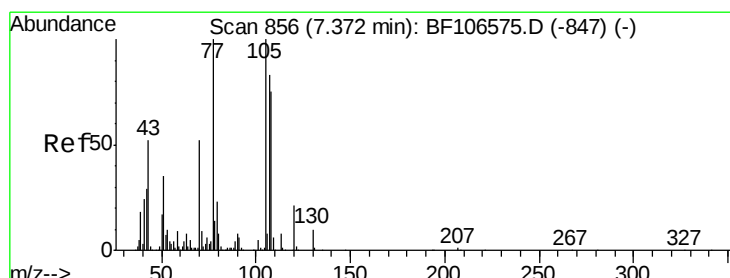
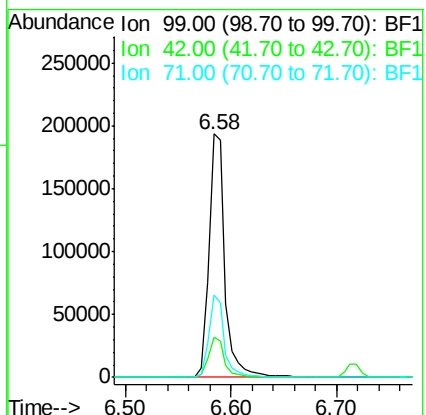
Tgt Ion: 99 Resp: 205483

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.193 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Tgt Ion: 70 Resp: 15332

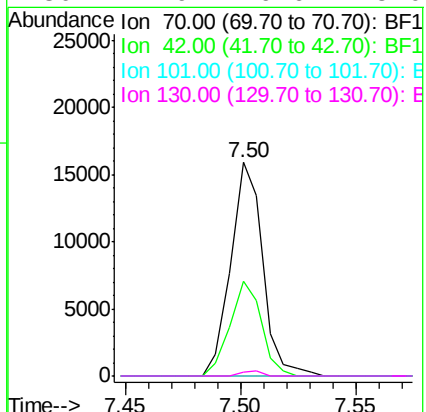
Ion Ratio Lower Upper

70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

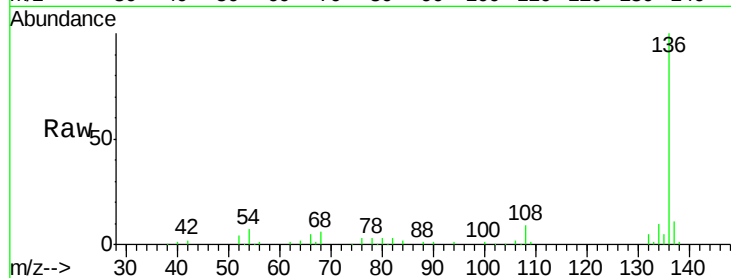




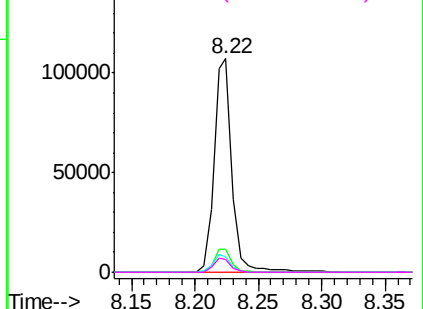
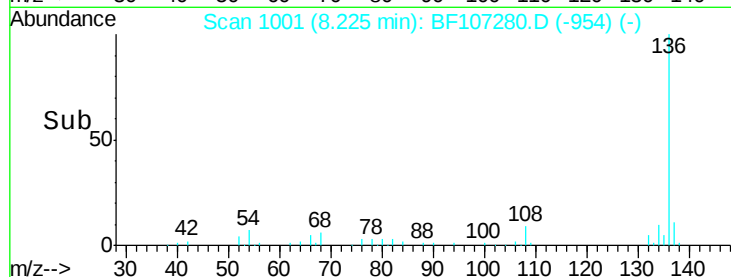
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion: 136 Resp: 106903
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.5 6.6 9.8
68 6.0 5.0 7.4

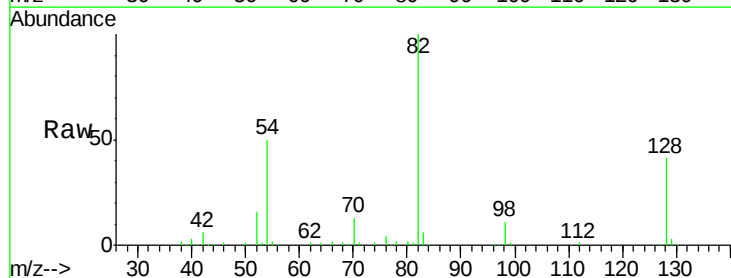


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

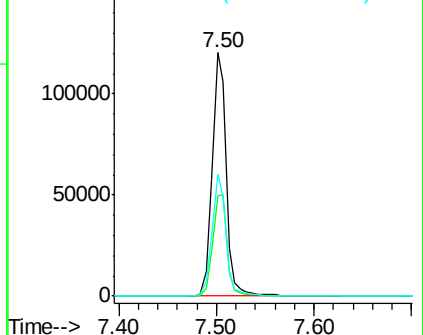
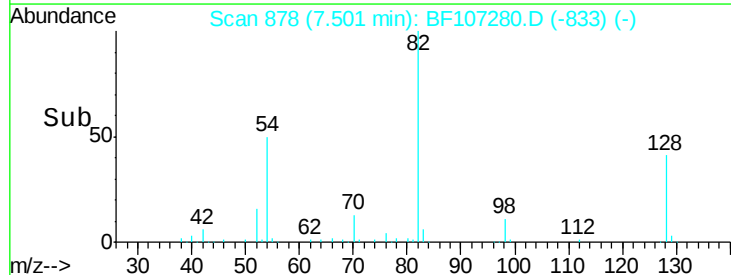


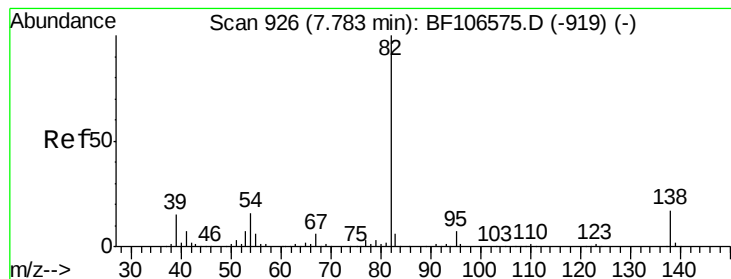
#23
Nitrobenzene-d5
Concen: 62.546 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion: 82 Resp: 120316
Ion Ratio Lower Upper
82 100
128 41.3 36.1 54.1
54 50.0 41.4 62.2



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





#25

Isophorone

Concen: 35.494 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.29 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

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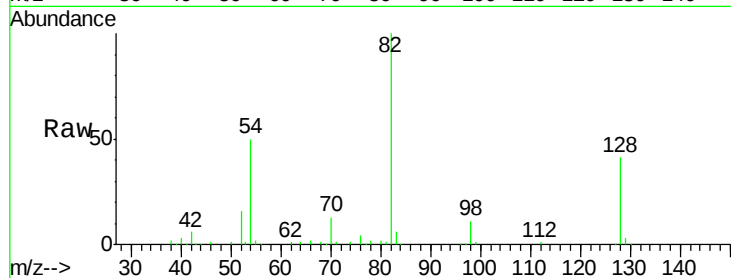
Tgt Ion: 82 Resp: 120315

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

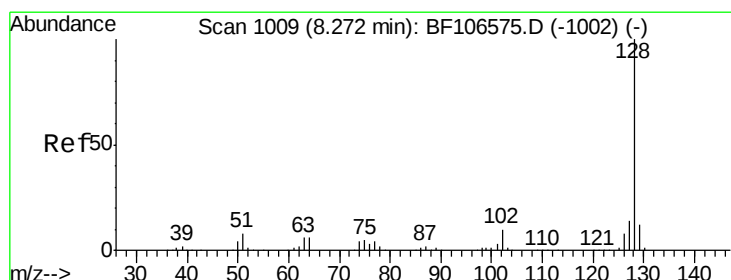
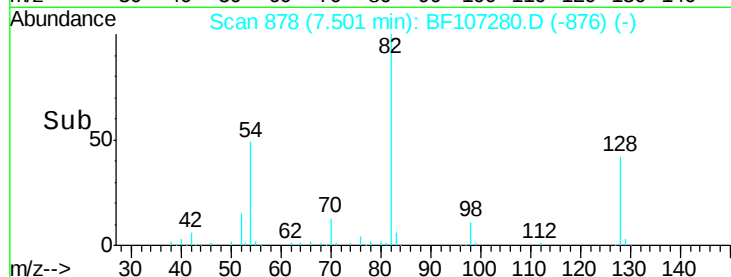
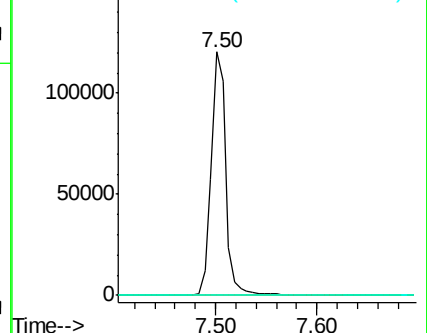
138 0.0 14.9 22.3#



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: 5.782 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

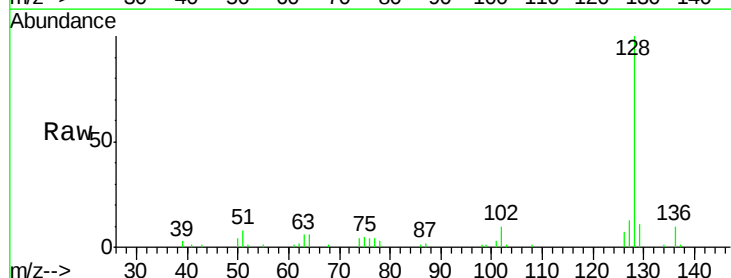
Tgt Ion: 128 Resp: 28900

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

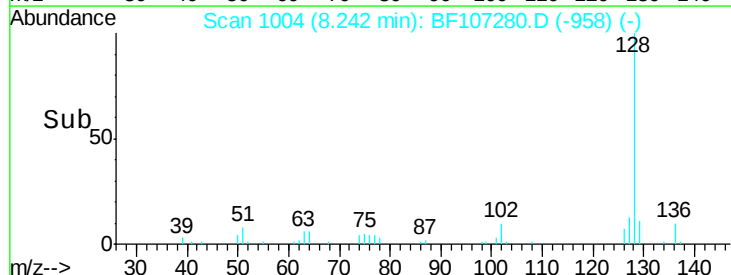
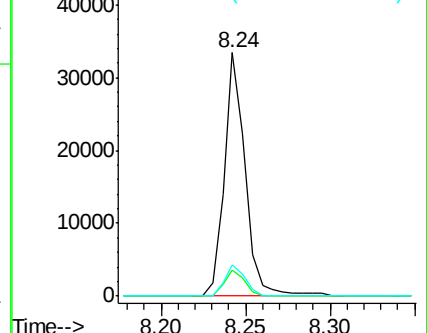
127 13.0 10.9 16.3

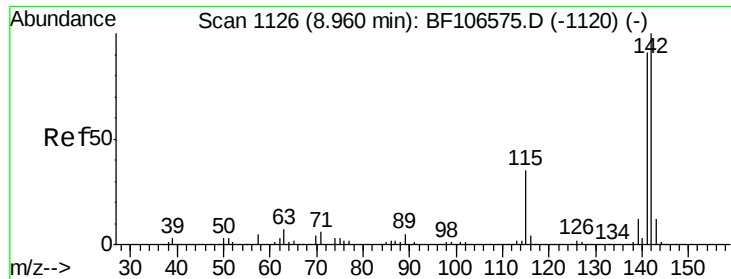


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

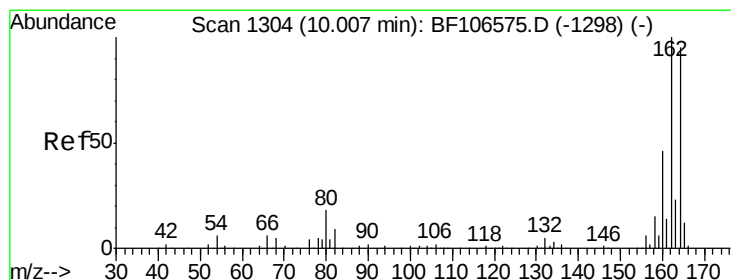
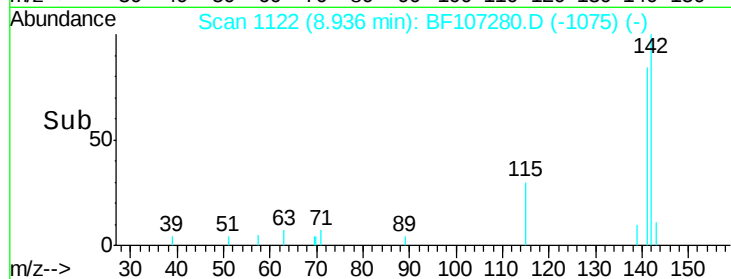
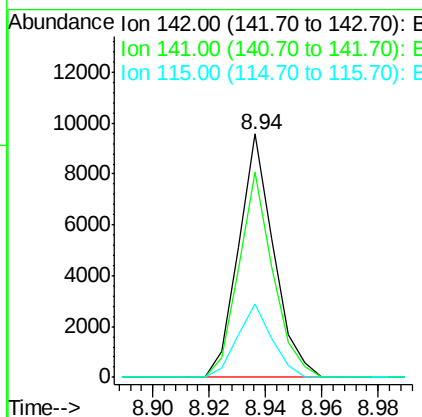
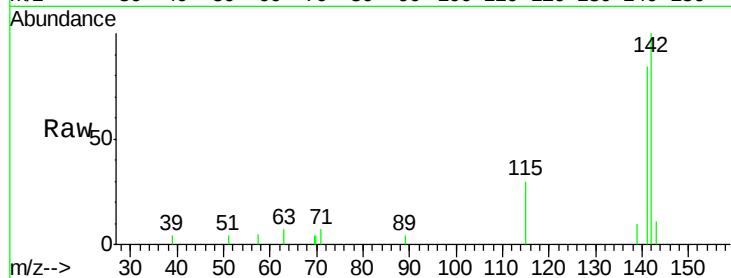




#37
 2-Methylnaphthalene
 Concen: 2.494 ng
 RT: 8.94 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF107280.D
 Acq: 10 Jul 2018 18:35

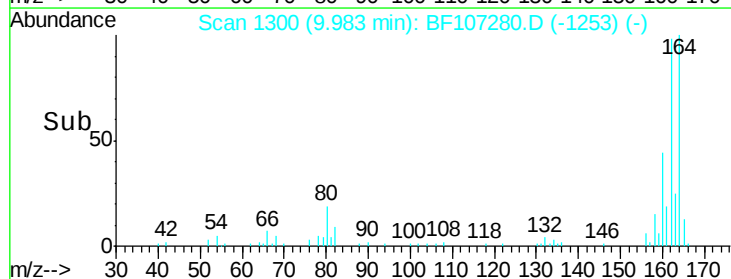
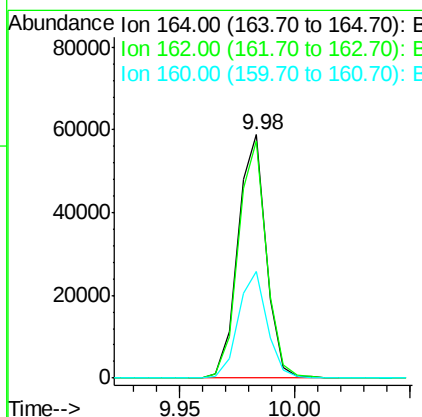
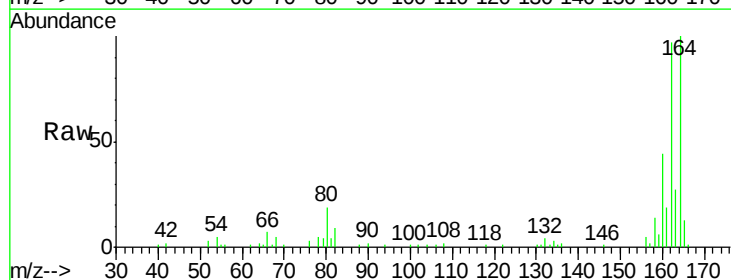
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Tgt Ion:142 Resp: 8261
 Ion Ratio Lower Upper
 142 100
 141 84.1 70.8 106.2
 115 30.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107280.D
 Acq: 10 Jul 2018 18:35

Tgt Ion:164 Resp: 50062
 Ion Ratio Lower Upper
 164 100
 162 97.3 86.1 129.1
 160 43.8 38.3 57.5

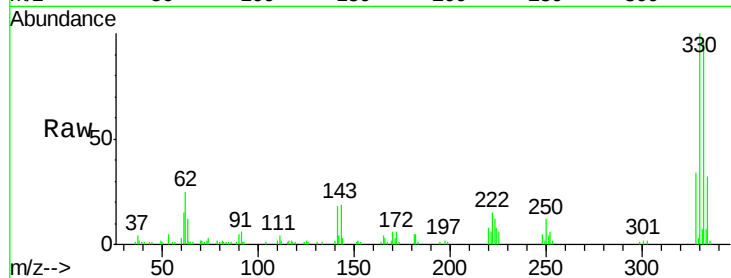




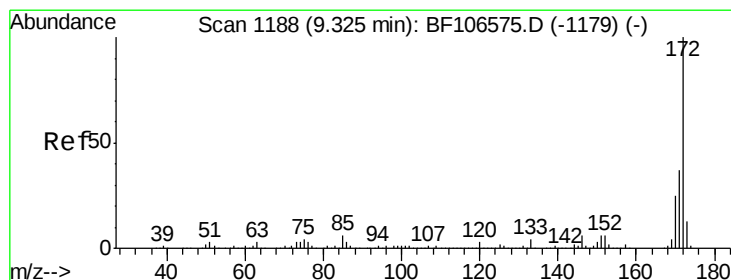
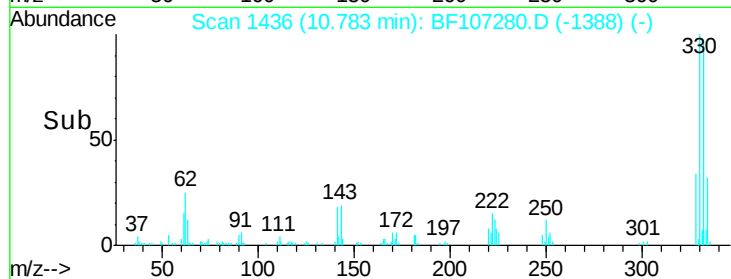
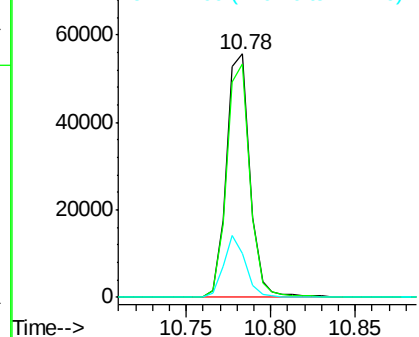
#41
 2,4,6-Tribromophenol
 Concen: 93.464 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107280.D
 Acq: 10 Jul 2018 18:35

Instrument :
 BNA_F
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:330 Resp: 54231
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 23.6 29.9 44.9#

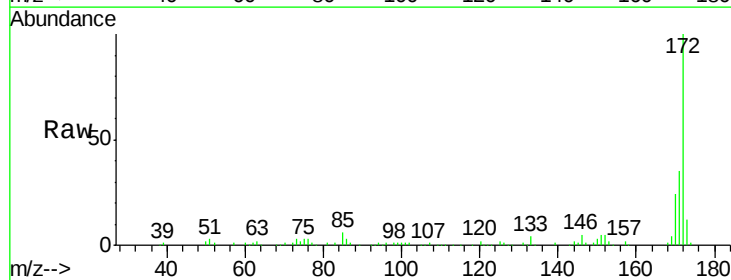


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

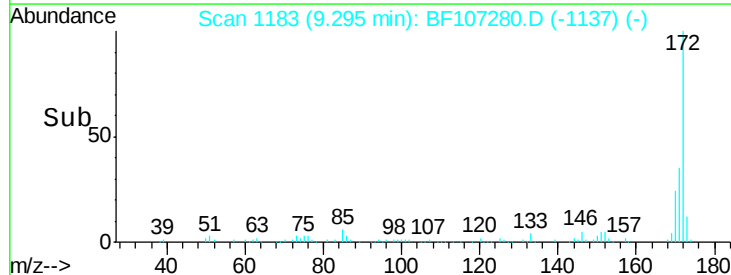
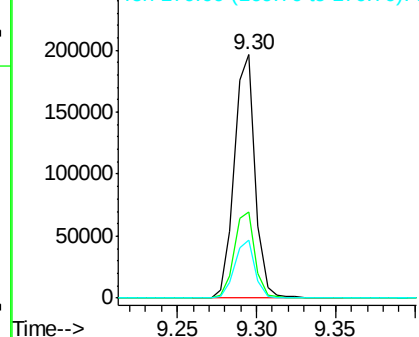


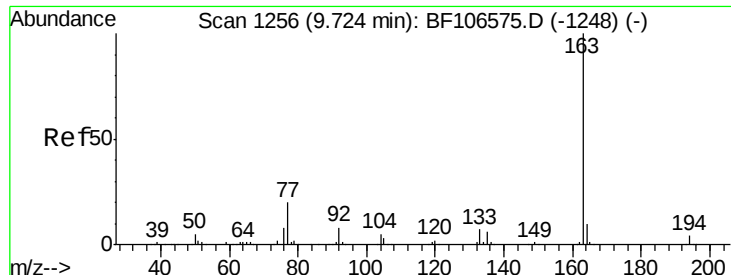
#44
 2-Fluorobiphenyl
 Concen: 55.428 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107280.D
 Acq: 10 Jul 2018 18:35

Tgt Ion:172 Resp: 179116
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.8 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

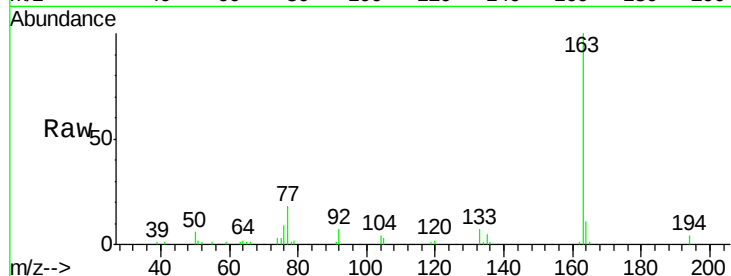




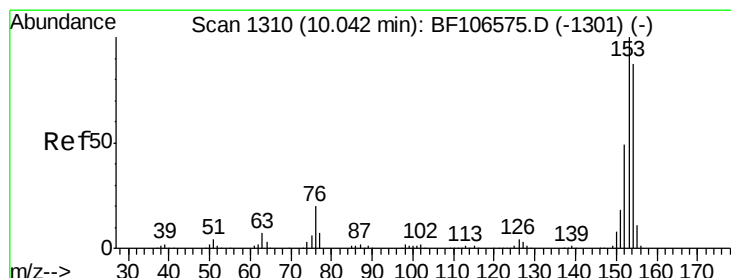
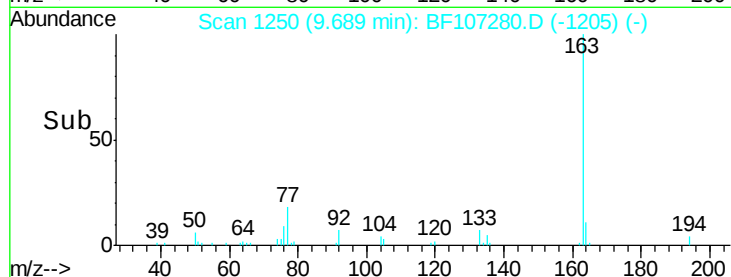
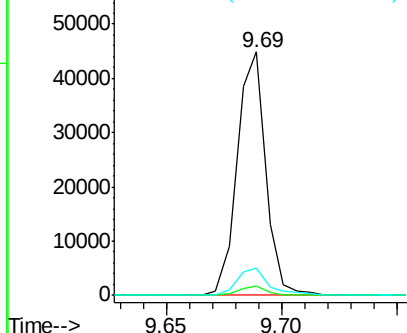
#49
Dimethylphthalate
Concen: 10.303 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107280.D
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Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 38683
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.3 8.2 12.2

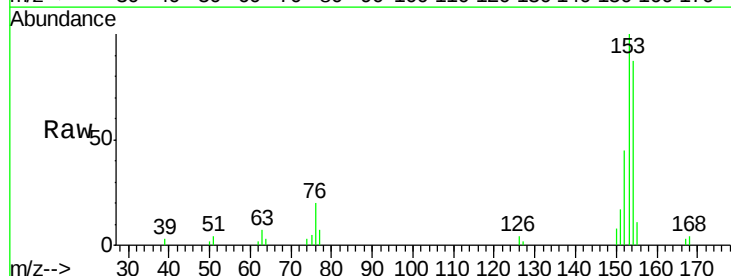


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

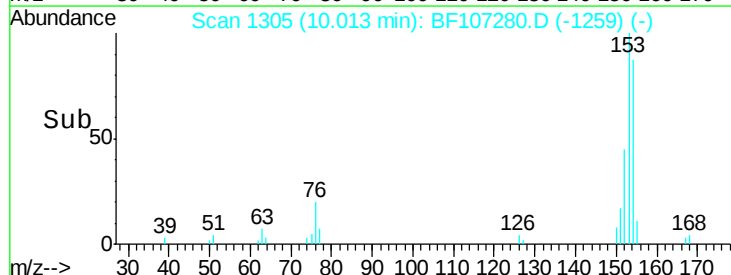
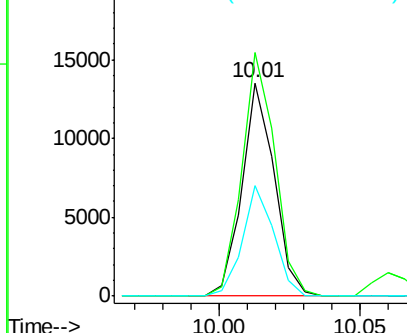


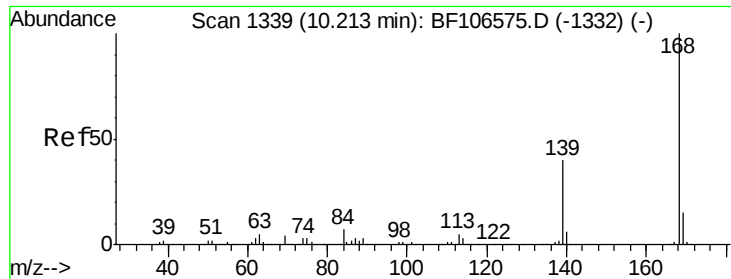
#51
Acenaphthene
Concen: 3.426 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:154 Resp: 10697
Ion Ratio Lower Upper
154 100
153 114.3 91.2 136.8
152 51.9 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

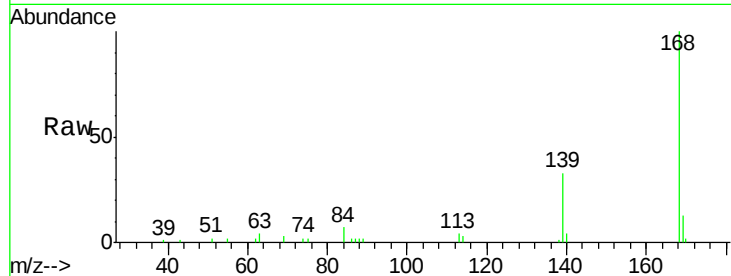




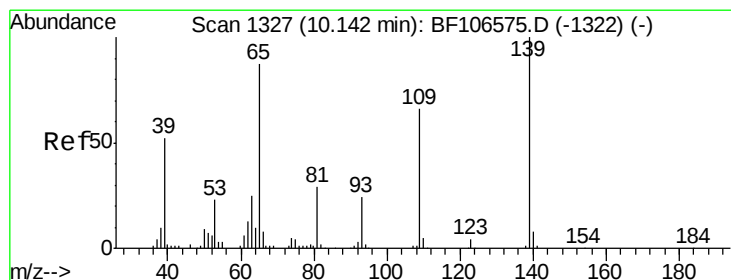
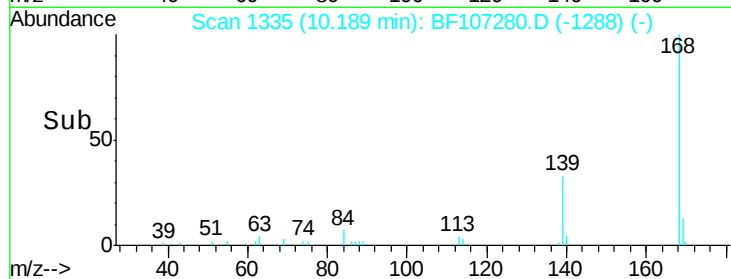
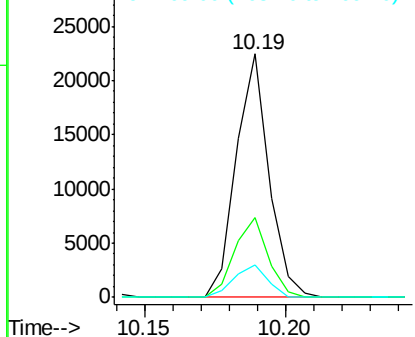
#54
Diben-zofuran
Concen: 4.220 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:168 Resp: 18043
Ion Ratio Lower Upper
168 100
139 32.7 30.1 45.1
169 13.2 10.9 16.3

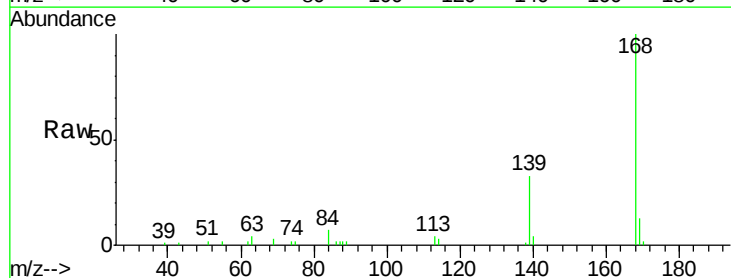


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

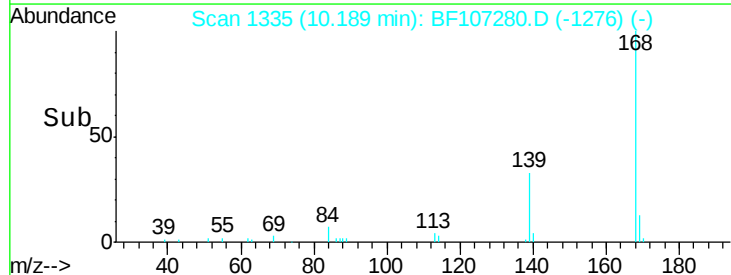
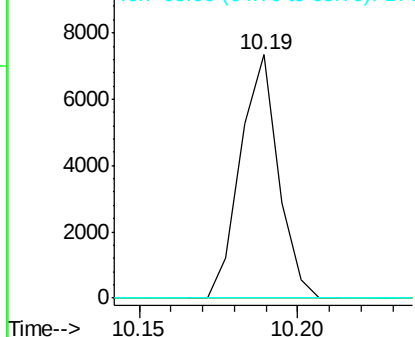


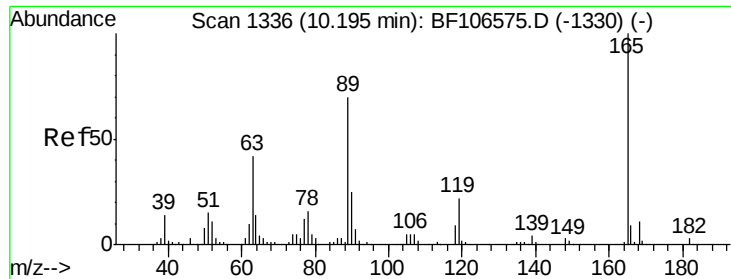
#55
4-Nitrophenol
Concen: 9.536 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:139 Resp: 6090
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



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

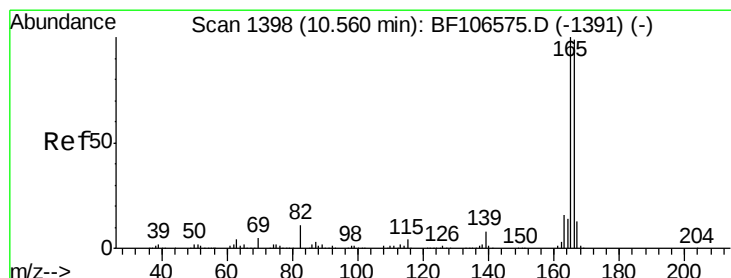
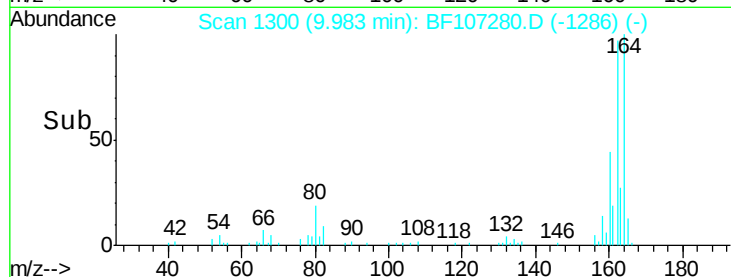
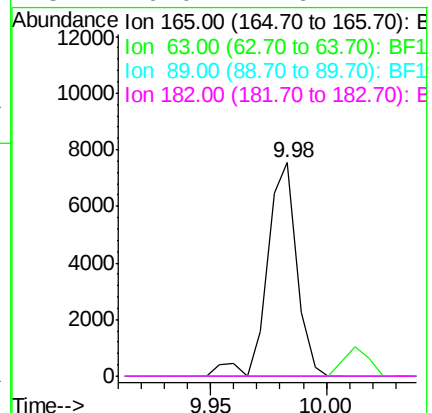
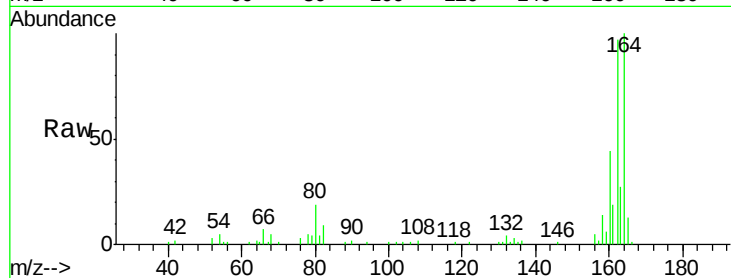




#56
2,4-Dinitrotoluene
Concen: 6.477 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

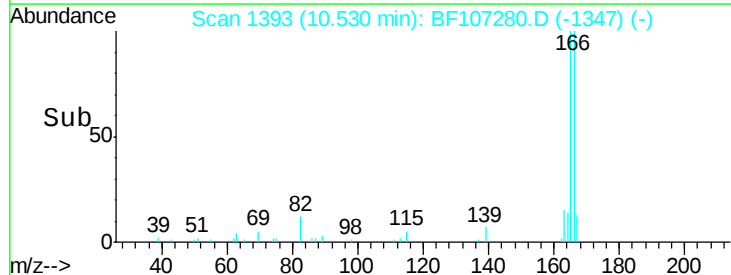
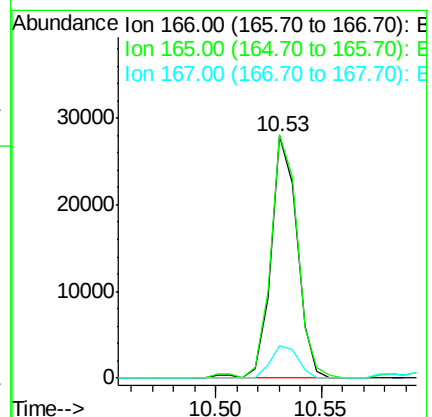
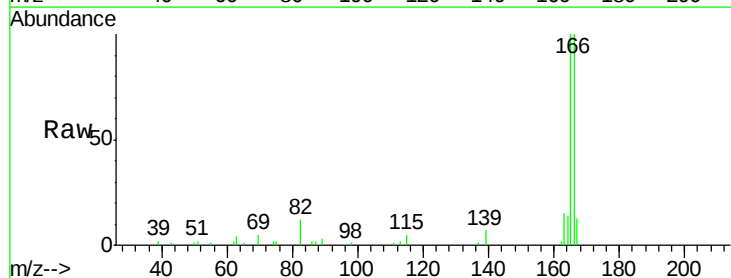
Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

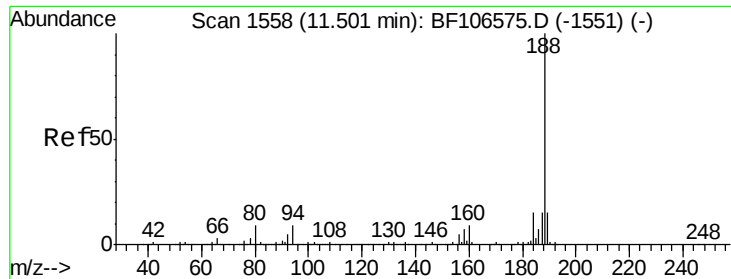
Tgt Ion:165 Resp: 6722
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 7.082 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:166 Resp: 24025
Ion Ratio Lower Upper
166 100
165 100.5 79.8 119.8
167 13.4 10.6 16.0

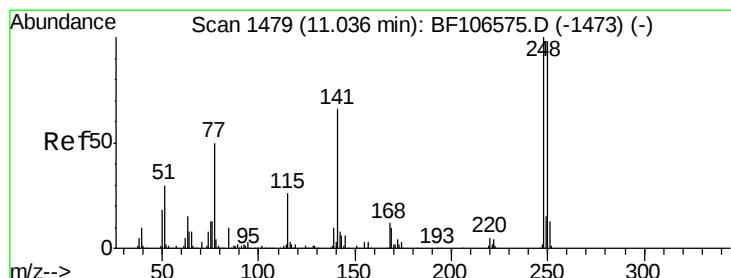
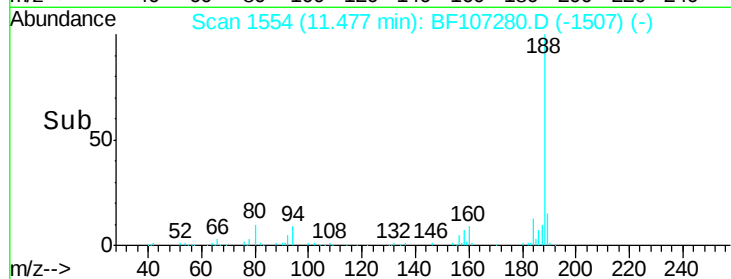
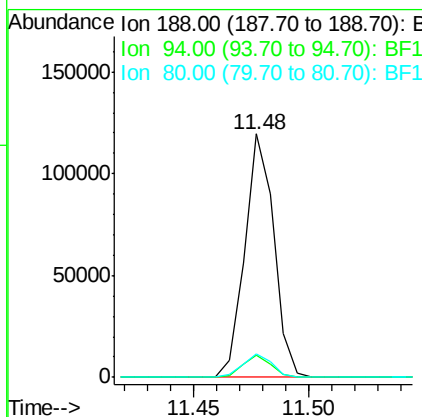
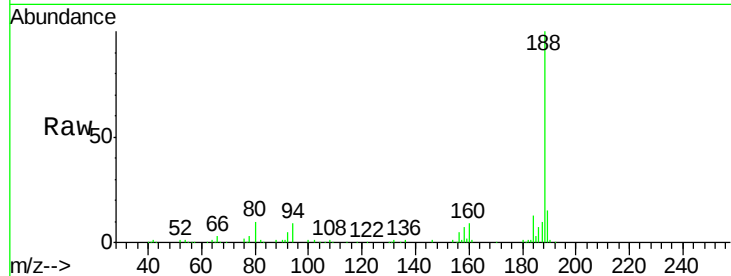




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

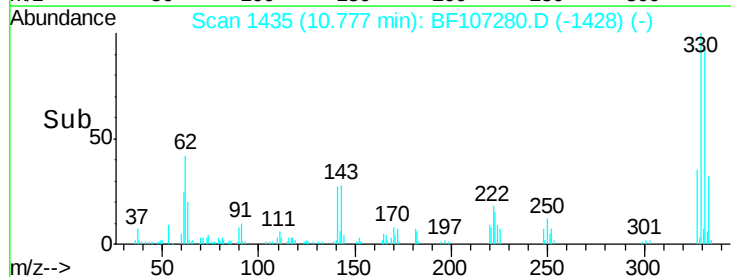
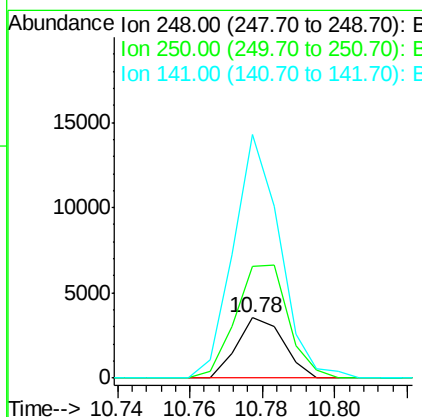
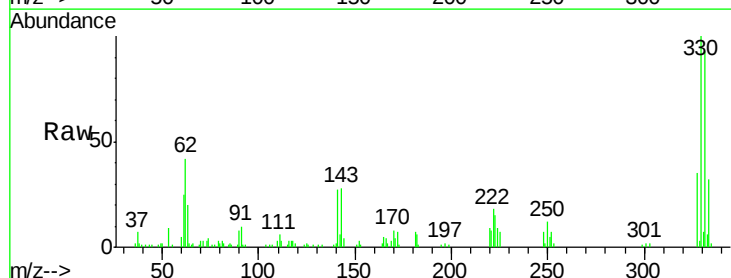
Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

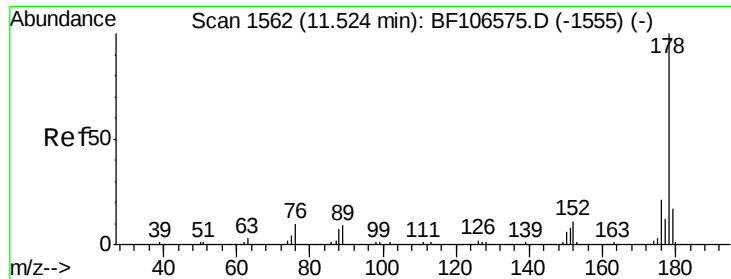
Tgt Ion:188 Resp: 105461
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.518 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.26 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:248 Resp: 3169
Ion Ratio Lower Upper
248 100
250 185.3 76.9 115.3#
141 402.6 74.4 111.6#





#70

Phenanthrene

Concen: 38.385 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

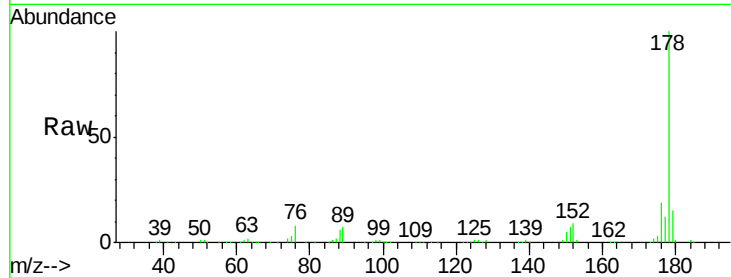
Tgt Ion:178 Resp: 195247

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

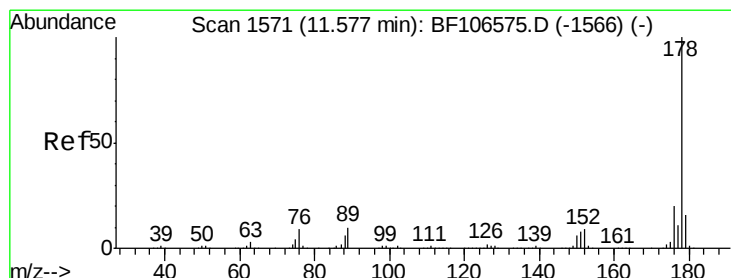
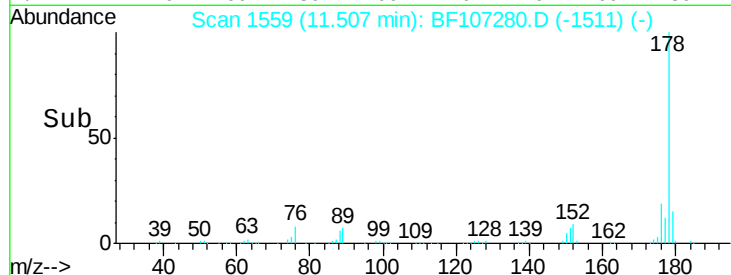
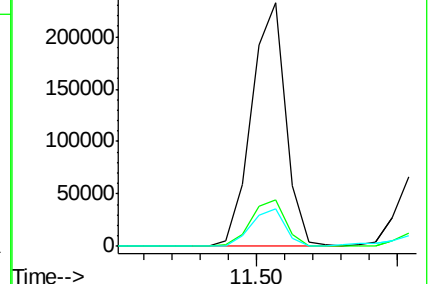
179 15.2 13.0 19.6



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: 10.460 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

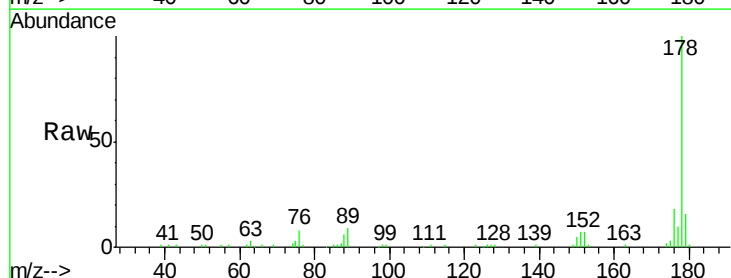
Tgt Ion:178 Resp: 54305

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

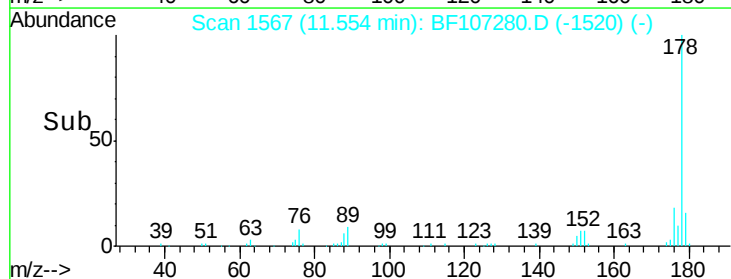
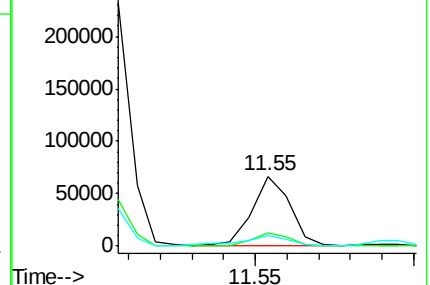
179 15.7 12.6 19.0

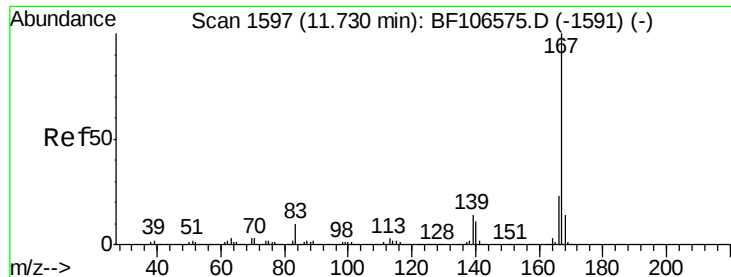


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.409 ng

RT: 11.71 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

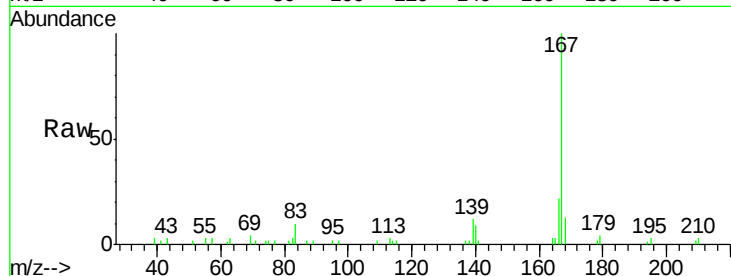
Tgt Ion:167 Resp: 16573

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

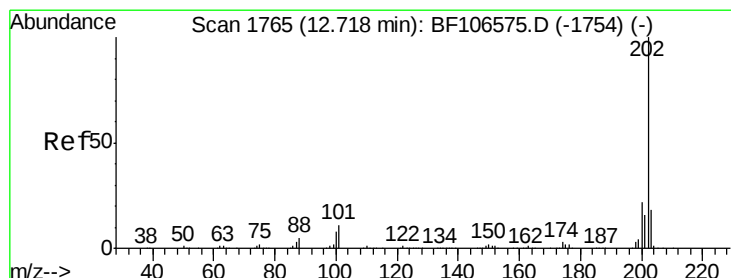
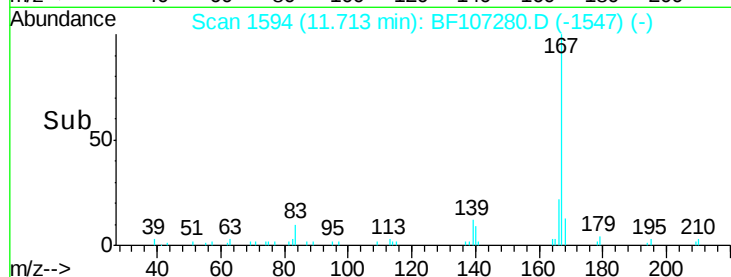
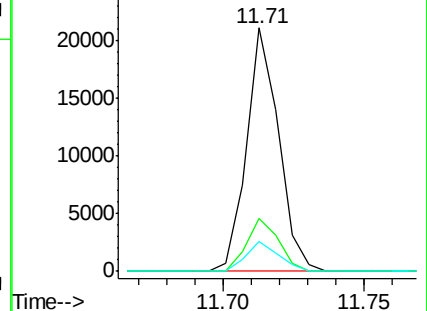
139 12.4 10.9 16.3



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: 41.718 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

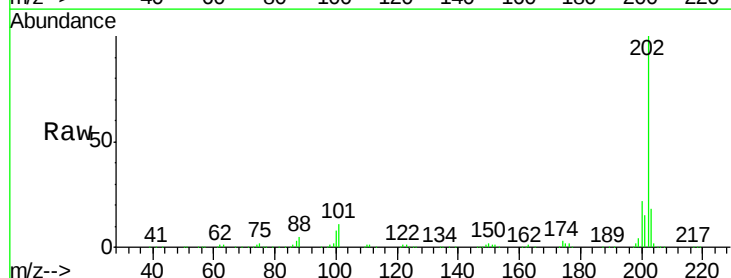
Tgt Ion:202 Resp: 233890

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

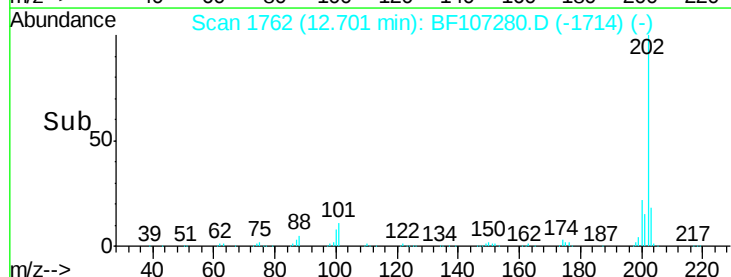
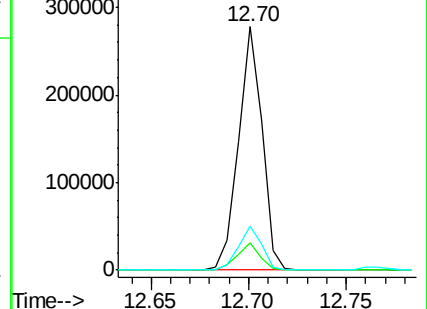
203 18.0 0.0 38.1

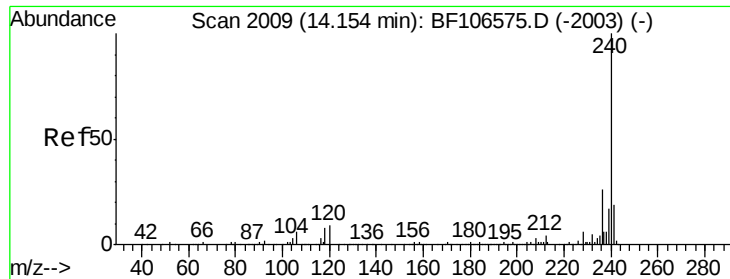


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

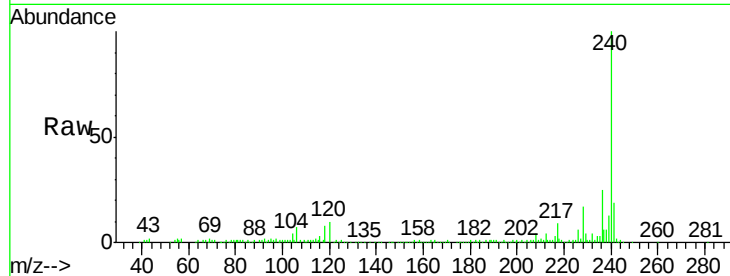
Tgt Ion:240 Resp: 97178

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

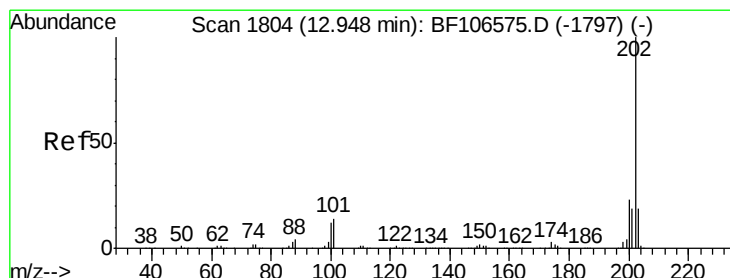
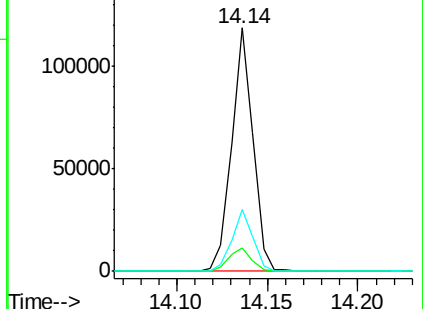
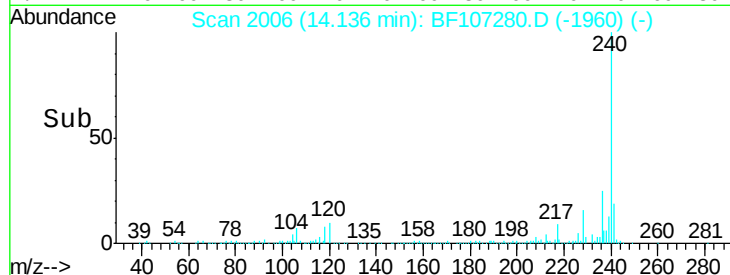
236 25.3 20.7 31.1



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



#77

Pyrene

Concen: 32.042 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

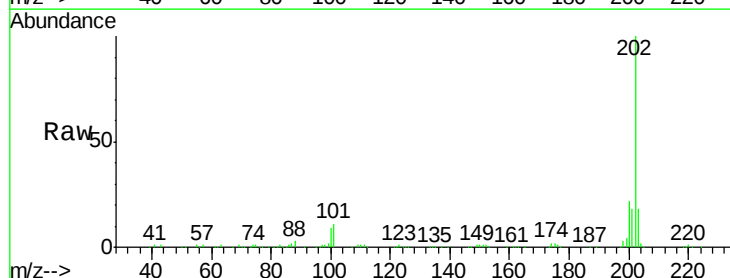
Tgt Ion:202 Resp: 205334

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

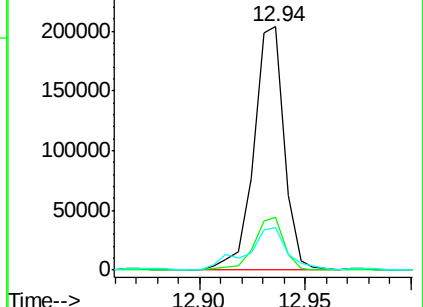
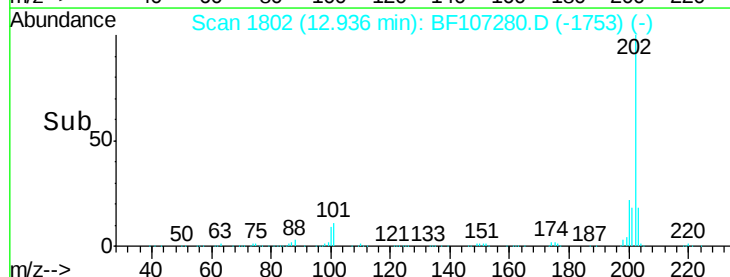
203 17.7 14.3 21.5

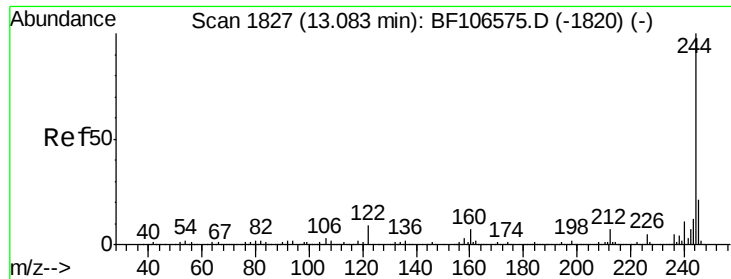


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

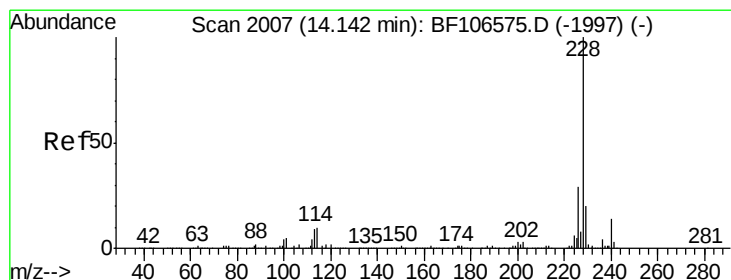
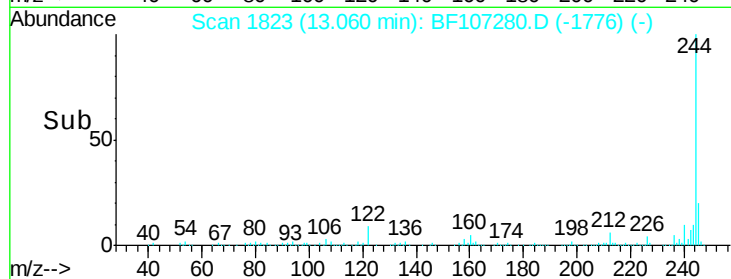
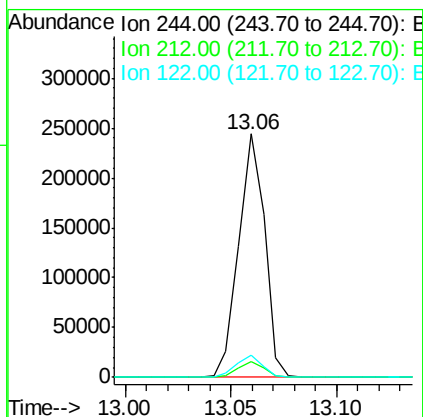
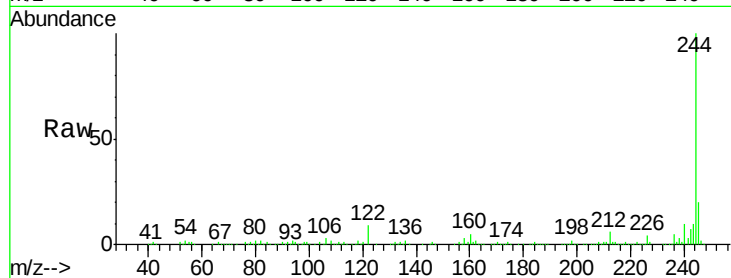




#78
 Terphenyl-d14
 Concen: 51.859 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107280.D
 Acq: 10 Jul 2018 18:35

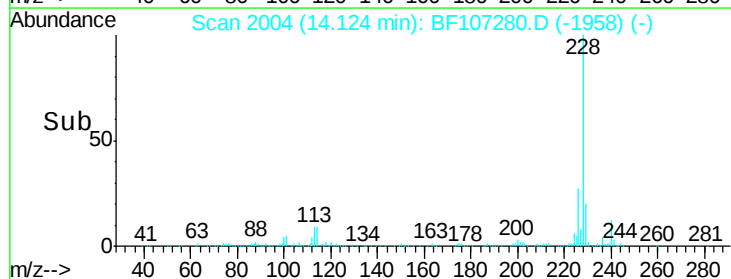
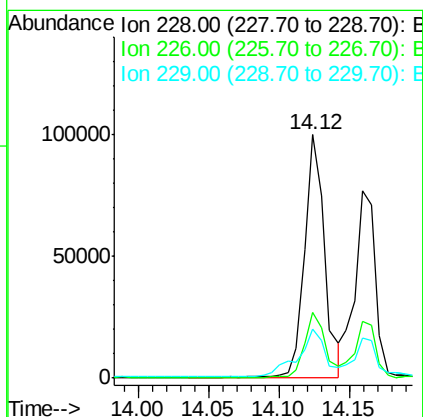
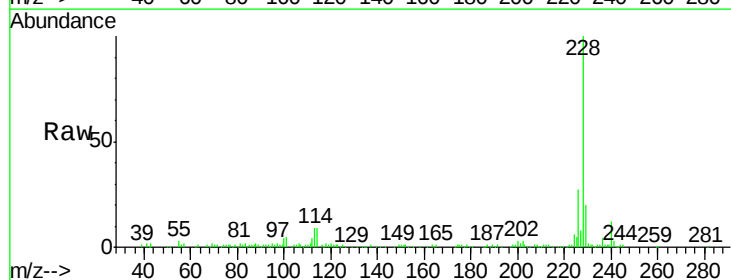
Instrument :
 BNA_F
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230RE

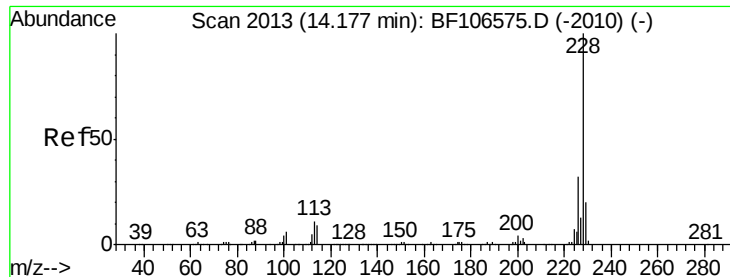
Tgt Ion: 244 Resp: 208049
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.0 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 16.878 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107280.D
 Acq: 10 Jul 2018 18:35

Tgt Ion: 228 Resp: 99961
 Ion Ratio Lower Upper
 228 100
 226 27.1 22.6 33.8
 229 20.0 15.8 23.6





#82

Chrysene

Concen: 14.336 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.04 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

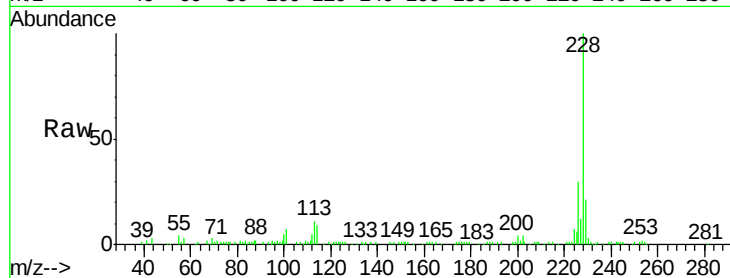
Tgt Ion:228 Resp: 78116

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

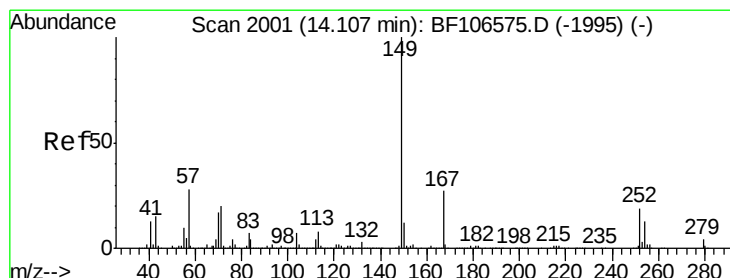
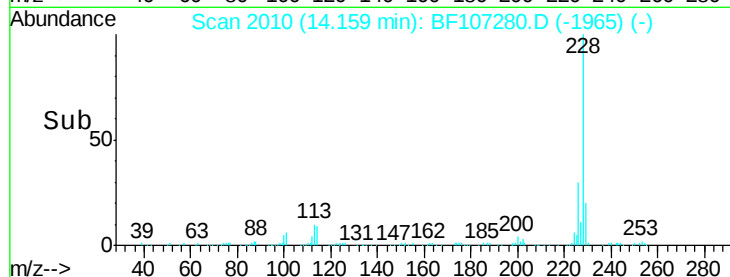
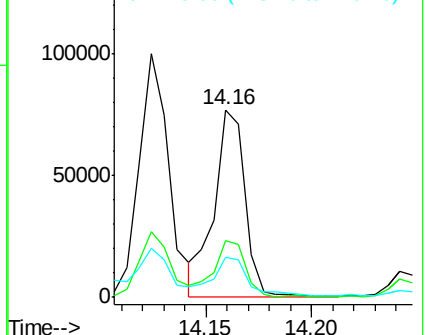
229 21.5 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.066 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

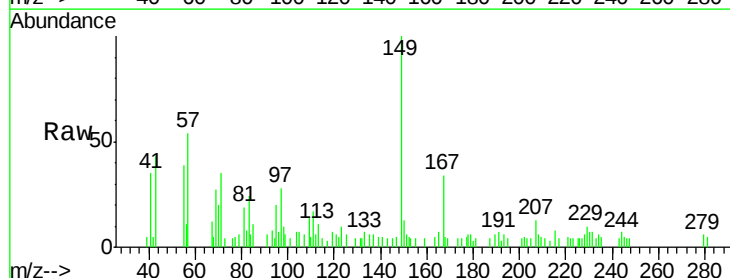
Tgt Ion:149 Resp: 6959

Ion Ratio Lower Upper

149 100

167 34.1 21.3 31.9#

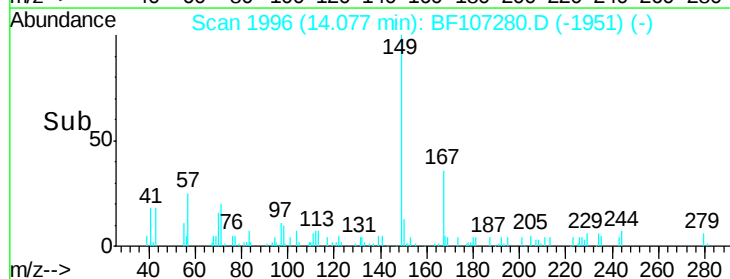
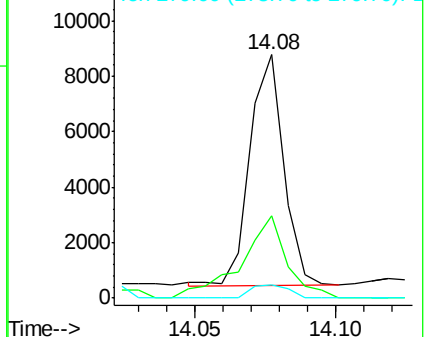
279 5.6 3.0 4.4#

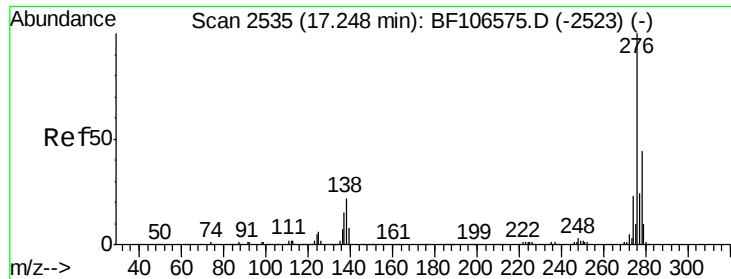


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.499 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.05 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

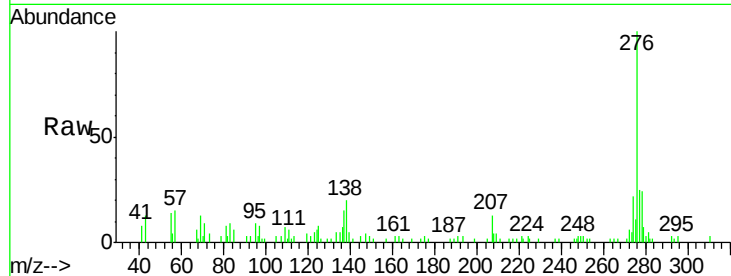
Tgt Ion:276 Resp: 34676

Ion Ratio Lower Upper

276 100

138 21.0 25.0 37.6#

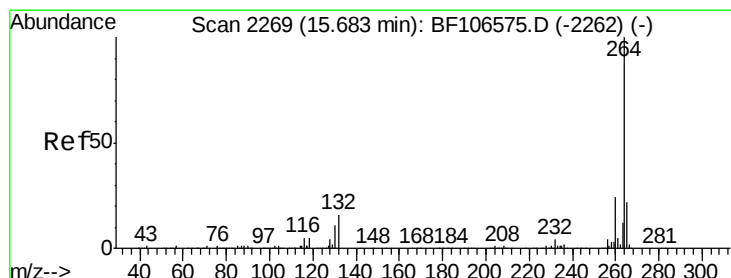
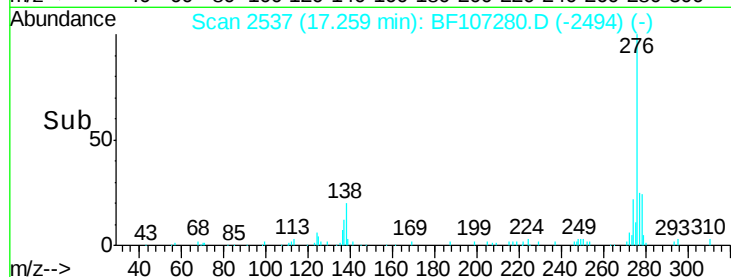
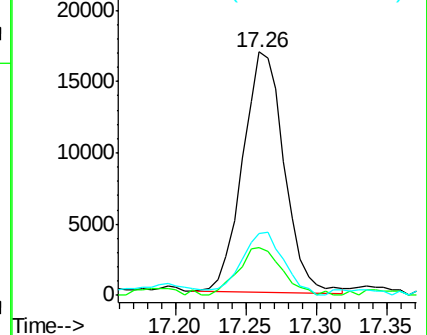
277 27.0 20.1 30.1



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: 15.68 min Scan# 2268

Delta R.T. -0.04 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

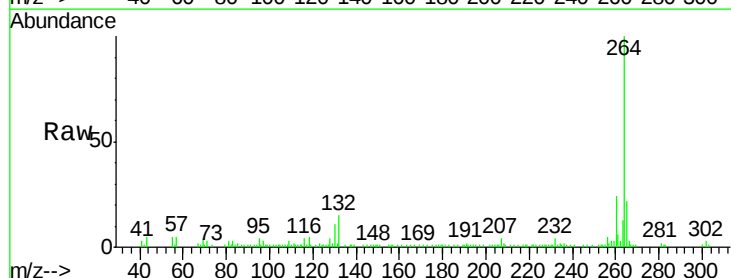
Tgt Ion:264 Resp: 71986

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

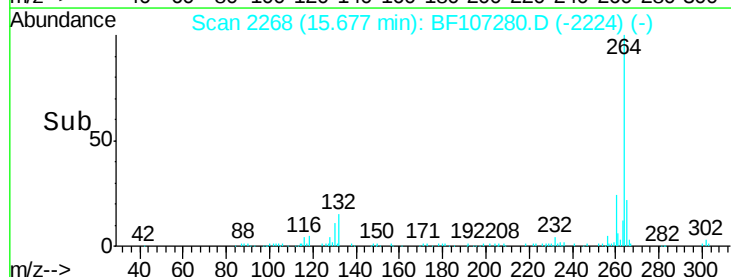
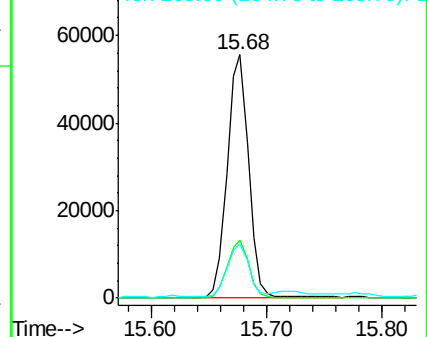
265 22.1 17.5 26.3

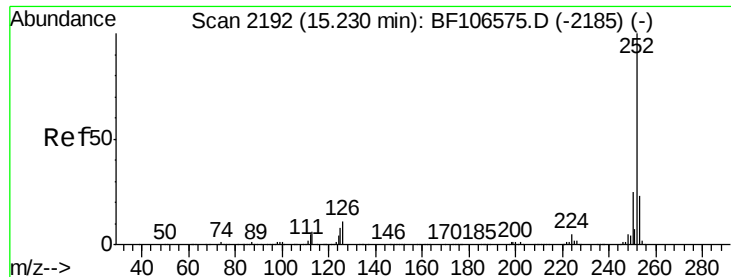


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

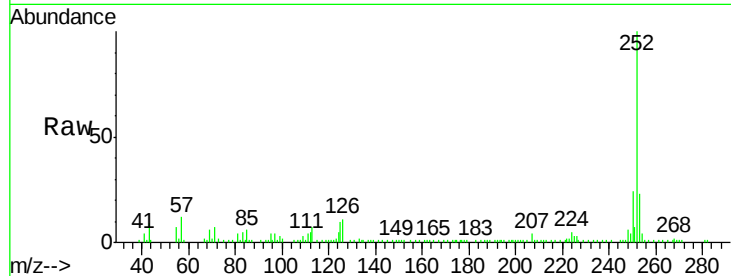




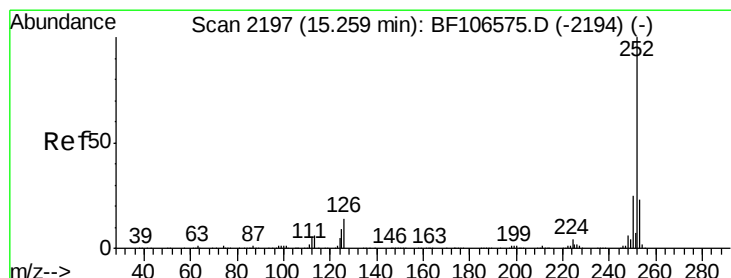
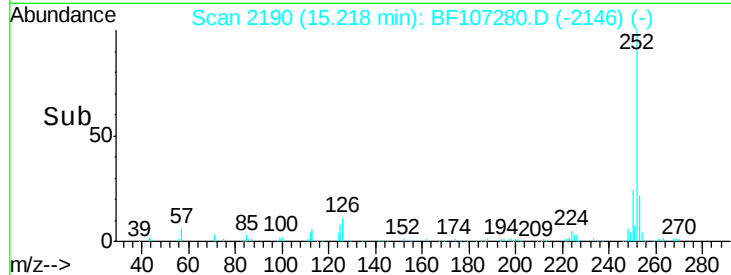
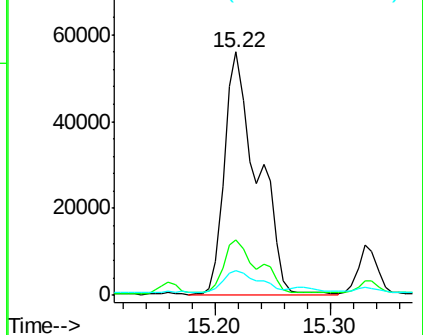
#87
Benzo(b)fluoranthene
Concen: 25.045 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Instrument :
BNA_F
ClientSampleId :
72-12002-RBR-RBR-VNJ-230RE

Tgt Ion:252 Resp: 111994
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 10.0 9.0 13.6

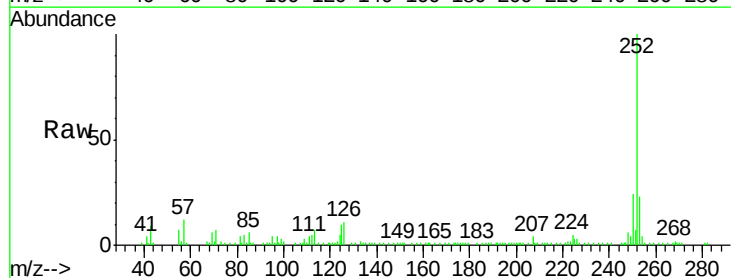


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

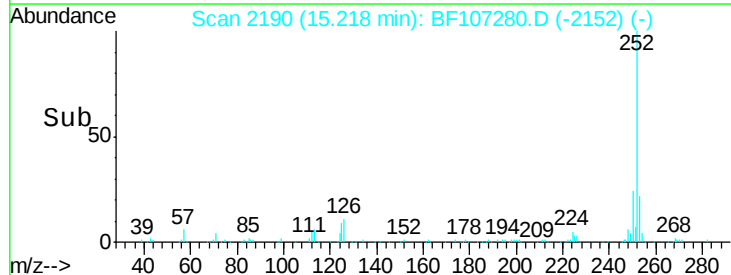
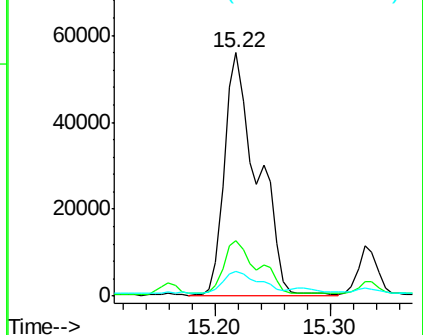


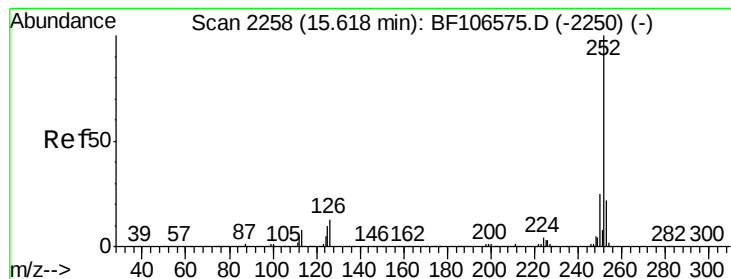
#88
Benzo(k)fluoranthene
Concen: 26.299 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107280.D
Acq: 10 Jul 2018 18:35

Tgt Ion:252 Resp: 111994
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 10.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 15.393 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

Instrument :

BNA_F

ClientSampleId :

72-12002-RBR-RBR-VNJ-230RE

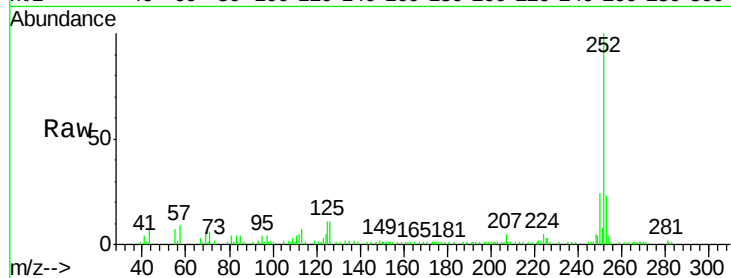
Tgt Ion:252 Resp: 61191

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

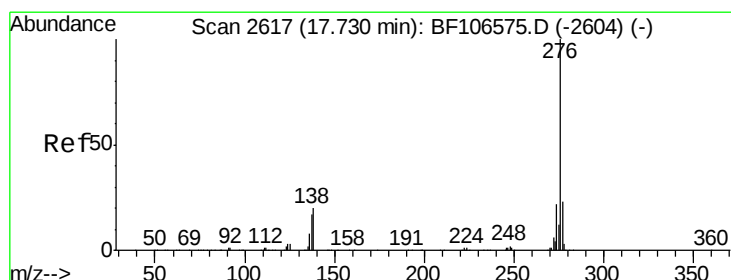
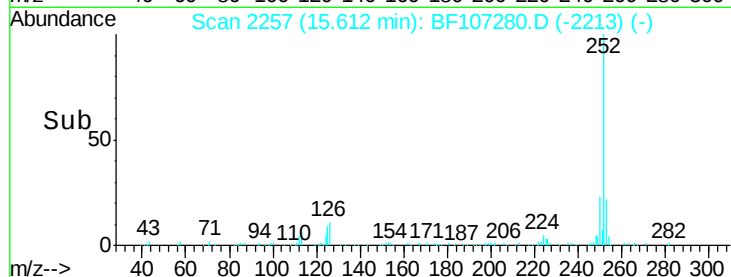
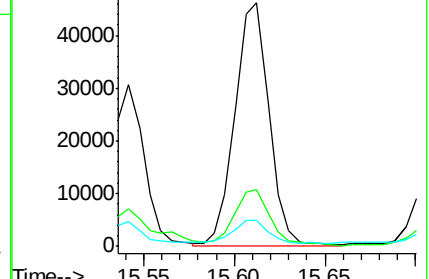
125 10.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.230 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.04 min

Lab File: BF107280.D

Acq: 10 Jul 2018 18:35

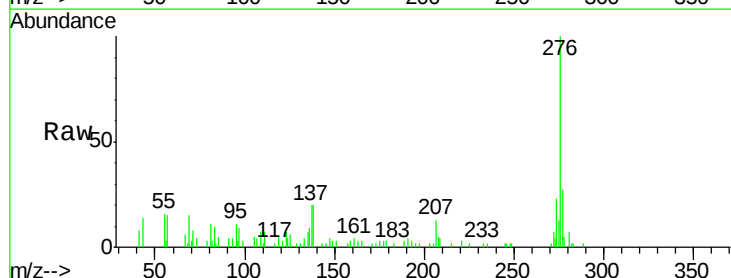
Tgt Ion:276 Resp: 33685

Ion Ratio Lower Upper

276 100

277 26.8 17.9 26.9

138 20.3 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

