

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106833.D
 Acq On : 26 Jun 2018 19:53
 Operator : JU/SJ
 Sample : J3642-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Quant Time: Jun 27 01:10:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	48721	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	172562	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74629	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	143859	20.00	ng	0.00
75) Chrysene-d12	14.15	240	144027	20.00	ng	-0.01
86) Perylene-d12	15.70	264	99512	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	297035	103.24	ng	0.01
7) Phenol-d6	6.61	99	369992	102.97	ng	0.00
23) Nitrobenzene-d5	7.53	82	234240	75.44	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	104427	120.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	377400	85.72	ng	0.00
78) Terphenyl-d14	13.08	244	438830	73.80	ng	0.00

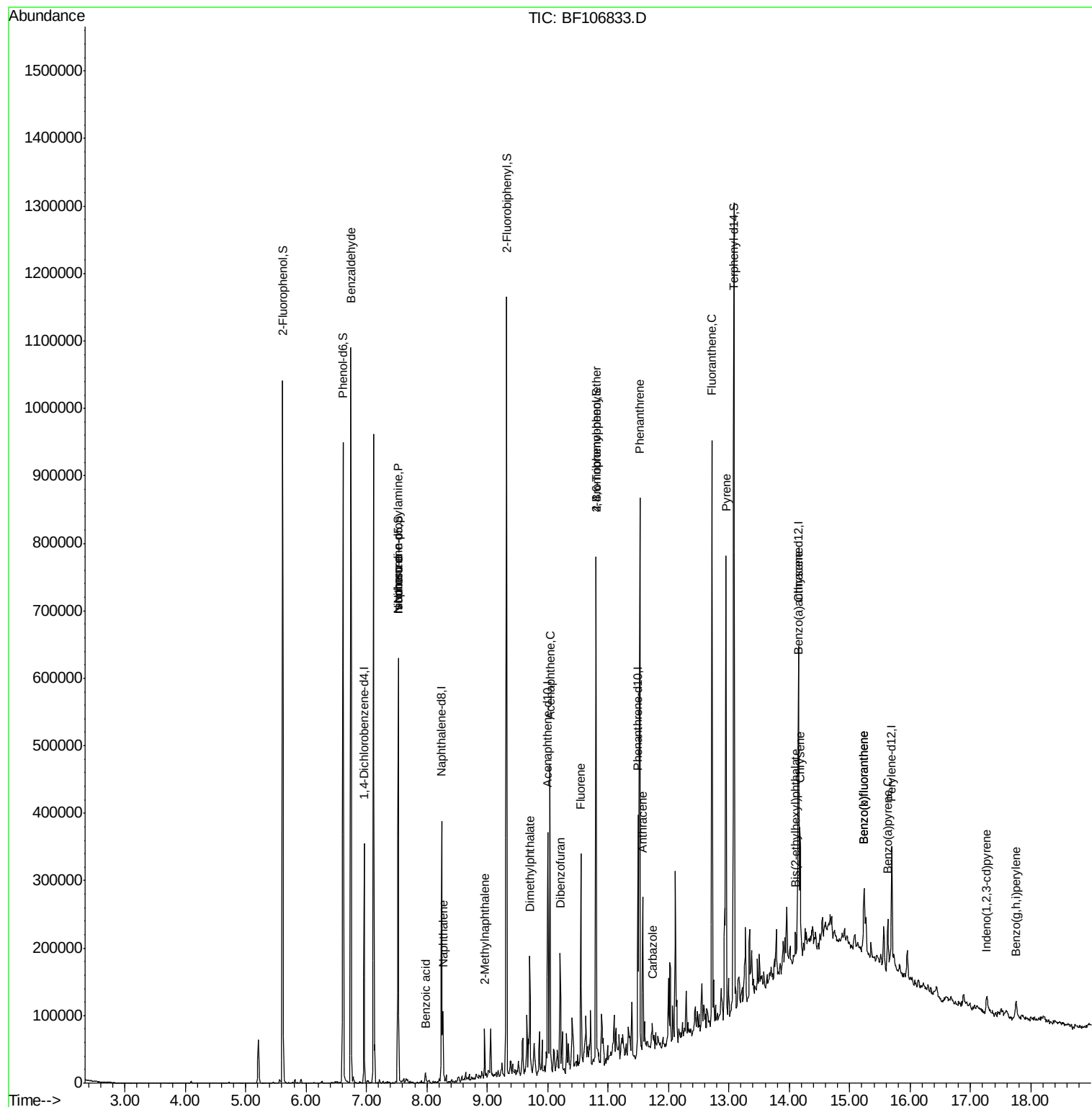
Target Compounds				Qvalue		
9) Benzaldehyde	6.74	77	6560	2.174	ng	87
19) n-Nitroso-di-n-propylamine	7.53	70	30827	13.016	ng	# 73
20) 3+4-Methylphenols	7.38	107	321	Below Cal		# 63
25) Isophorone	7.53	82	234238	42.809	ng	# 64
31) Naphthalene	8.27	128	41363	5.127	ng	98
32) Benzoic acid	7.98	122	386	5.933	ng	91
37) 2-Methylnaphthalene	8.95	142	22540	4.215	ng	94
49) Dimethylphthalate	9.71	163	55375	9.893	ng	# 98
51) Acenaphthene	10.04	154	87712	18.845	ng	97
54) Dibenzofuran	10.21	168	60658	9.518	ng	94
57) Fluorene	10.55	166	87714	17.344	ng	99
66) 4-Bromophenyl-phenylether	10.80	248	6565	3.824	ng	# 1
70) Phenanthrene	11.52	178	302140	43.545	ng	99
71) Anthracene	11.57	178	84640	11.951	ng	98
72) Carbazole	11.73	167	13302	2.006	ng	98
74) Fluoranthene	12.72	202	381534	49.888	ng	96
77) Pyrene	12.95	202	312537	32.907	ng	98
80) Benzo(a)anthracene	14.14	228	93588	10.662	ng	97
82) Chrysene	14.18	228	82485	10.214	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	13598	2.724	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.27	276	18882	2.755	ng	91
87) Benzo(b)fluoranthene	15.24	252	82346	13.321	ng	95
88) Benzo(k)fluoranthene	15.24	252	82346	13.988	ng	95
89) Benzo(a)pyrene	15.63	252	32911	5.989	ng	95
91) Benzo(g,h,i)perylene	17.76	276	19077	4.191	ng	97

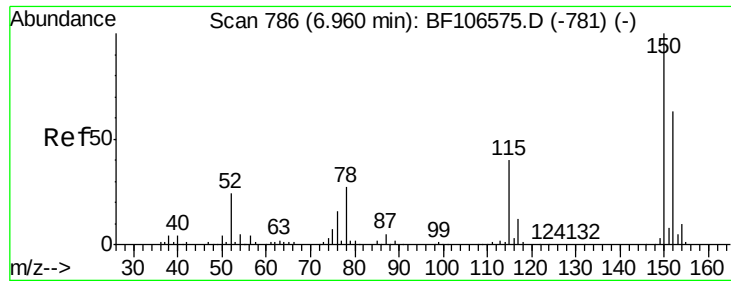
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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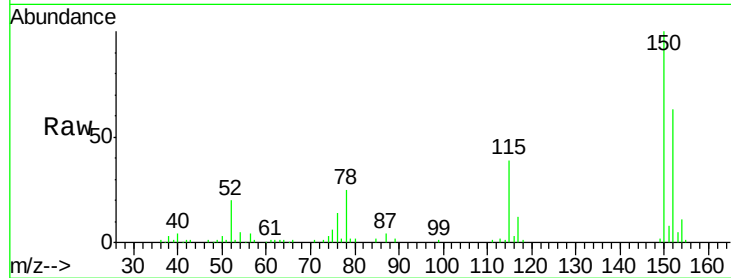


#1

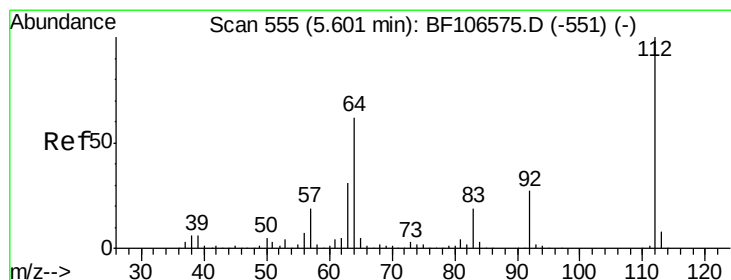
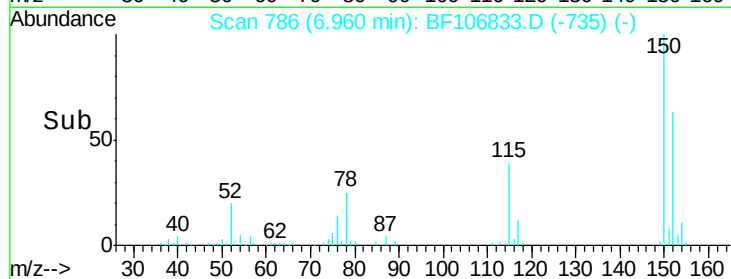
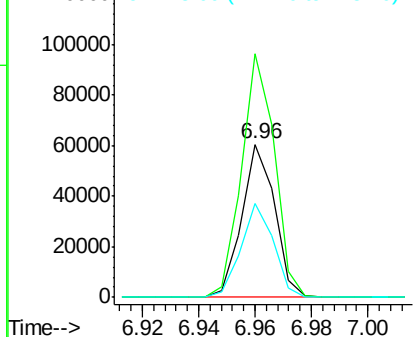
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion:152 Resp: 48721
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 61.6 50.1 75.1



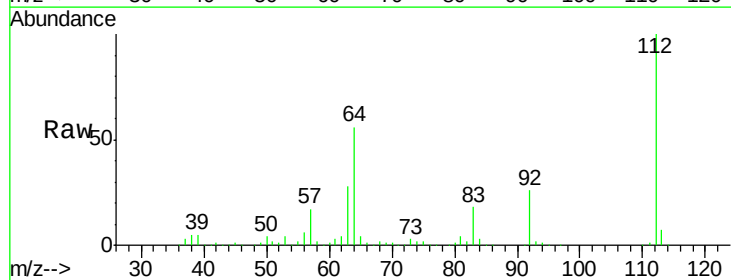
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



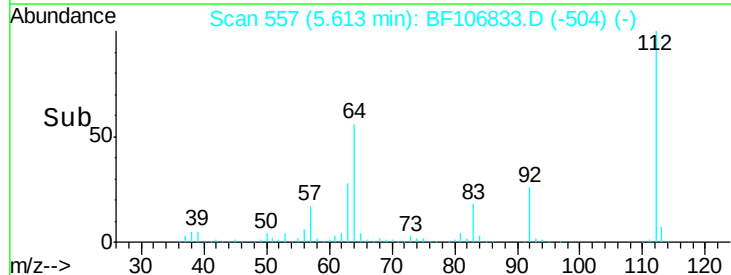
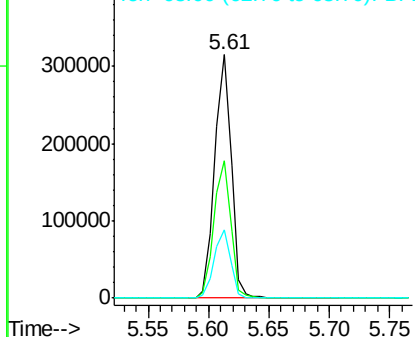
#5

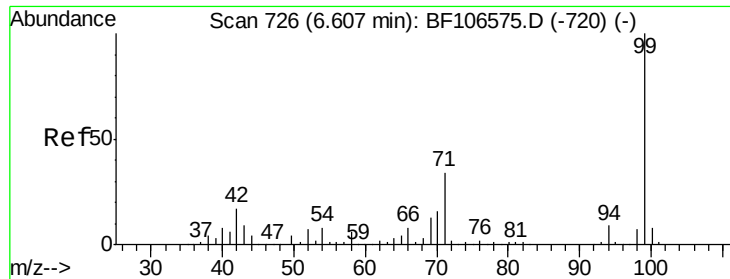
2-Fluorophenol
Concen: 103.236 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion:112 Resp: 297035
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 28.2 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: 102.972 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

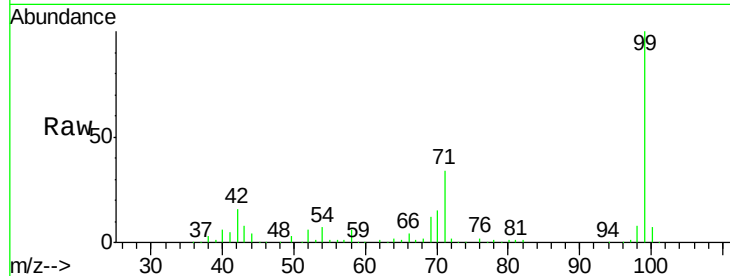
Tgt Ion: 99 Resp: 369992

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

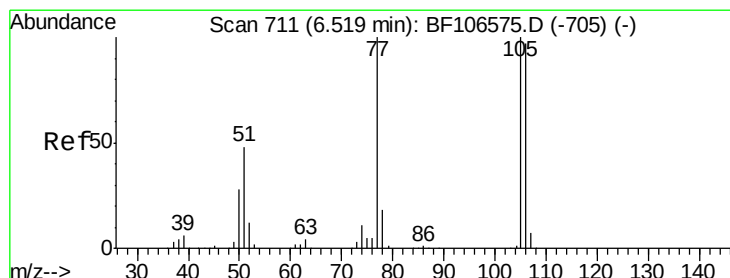
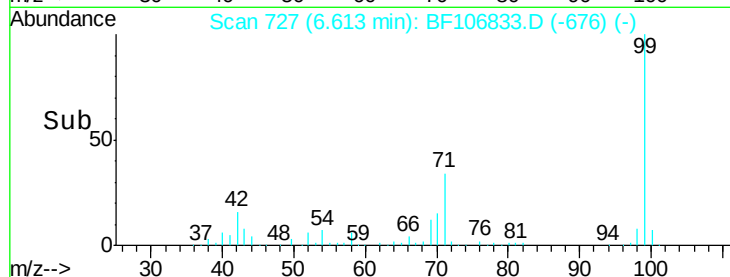
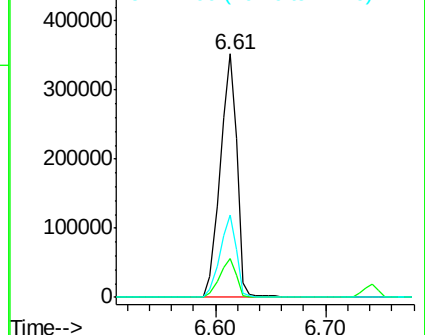
71 33.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.174 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

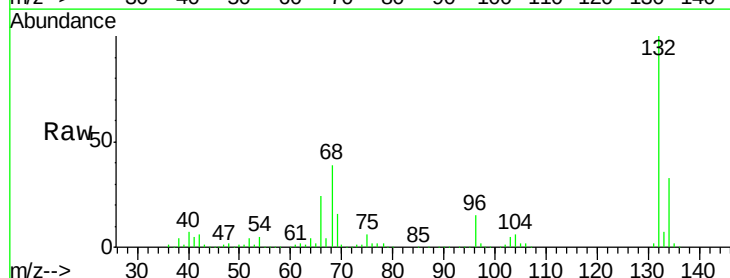
Tgt Ion: 77 Resp: 6560

Ion Ratio Lower Upper

77 100

105 86.6 81.1 121.1

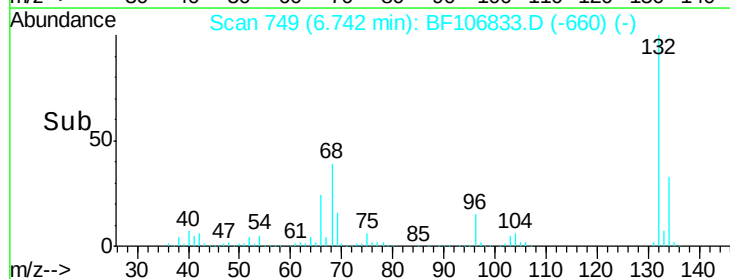
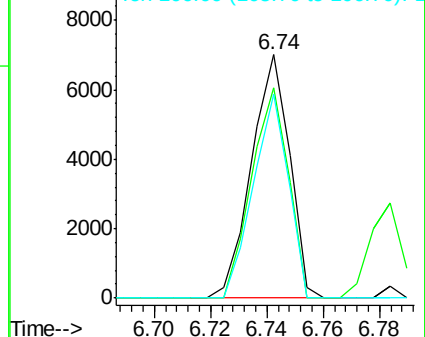
106 83.9 74.5 114.5

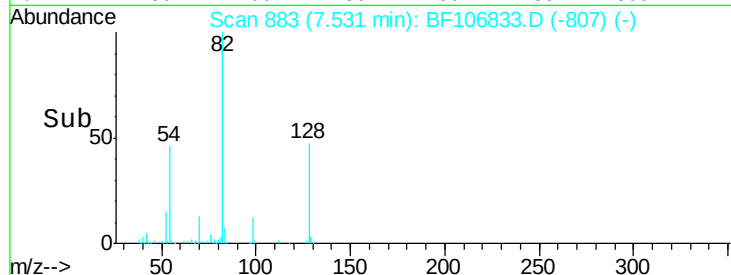
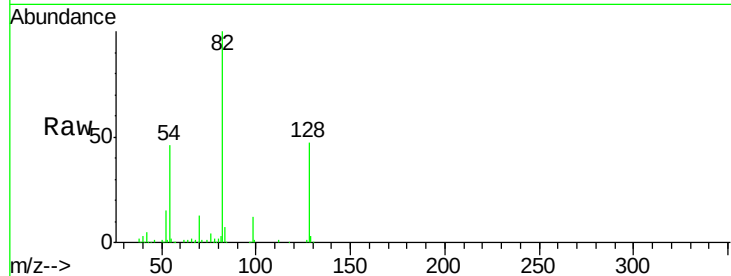
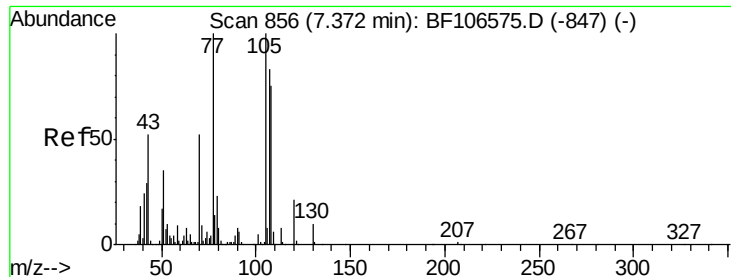


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

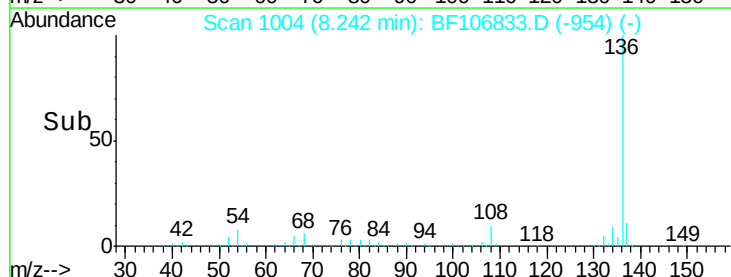
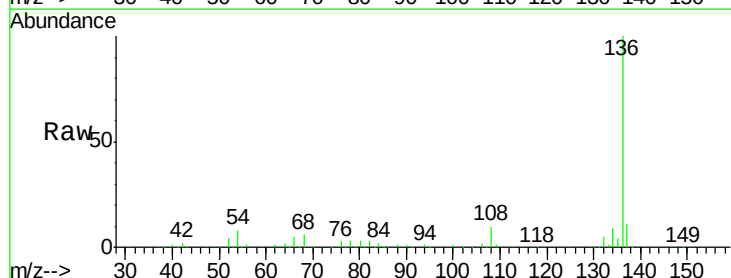
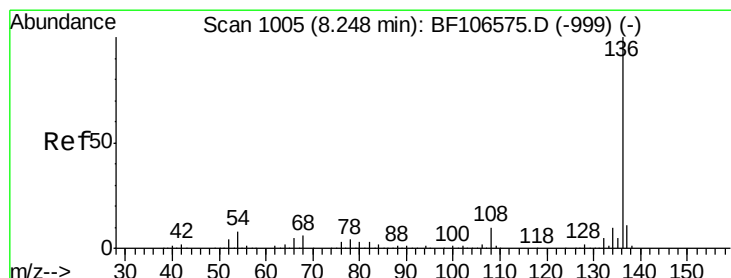
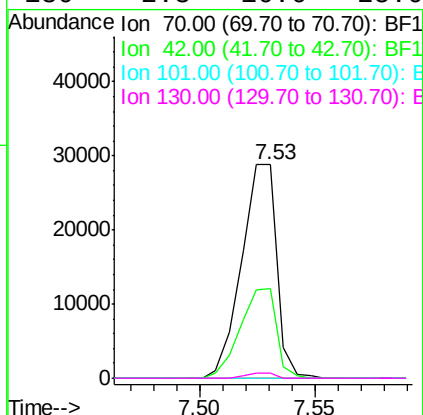




#19
n-Nitroso-di-n-propylamine
Concen: 13.016 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

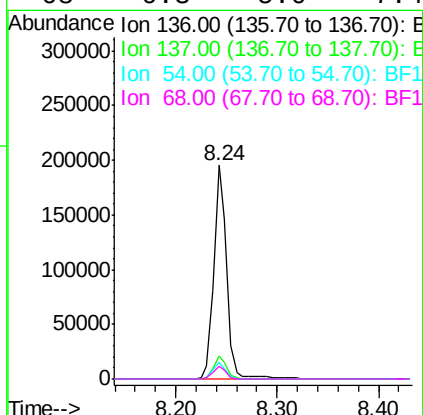
Instrument :
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TEST-PIT-1

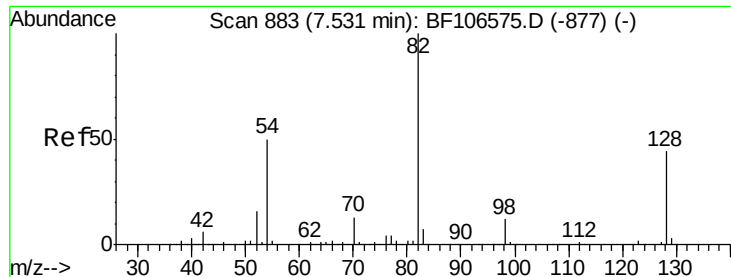
Tgt Ion: 70 Resp: 30827
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion: 136 Resp: 172562
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.6 9.8
68 6.3 5.0 7.4

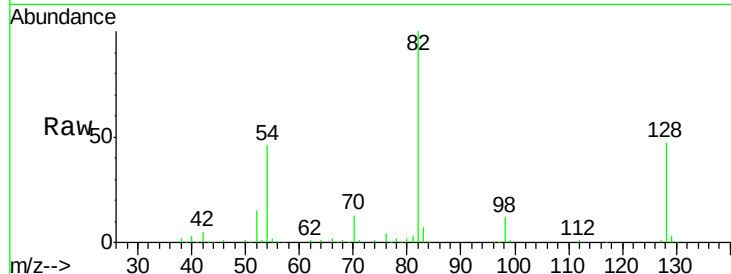




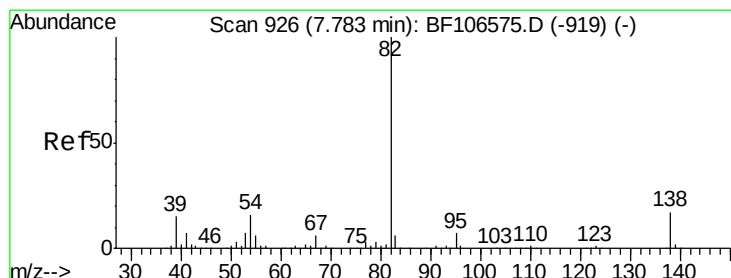
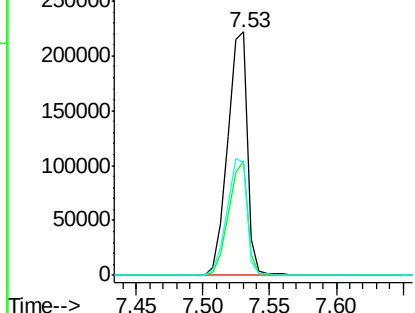
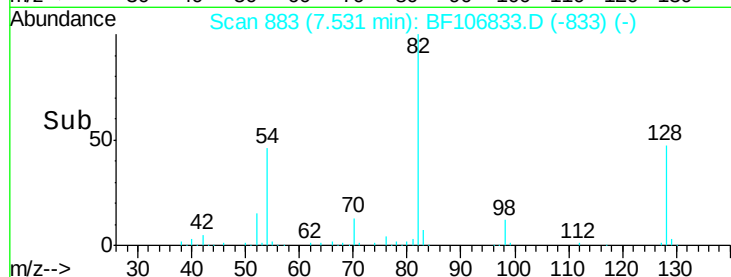
#23
 Nitrobenzene-d5
 Concen: 75.437 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	46.3	41.4	62.2

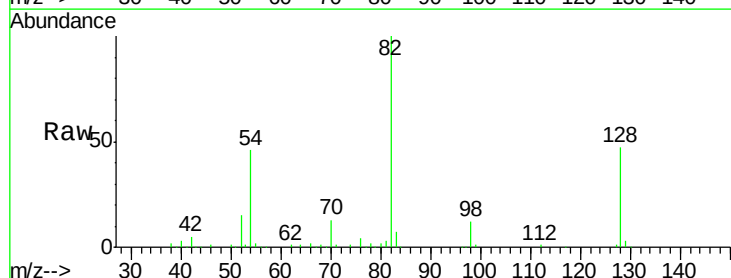


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

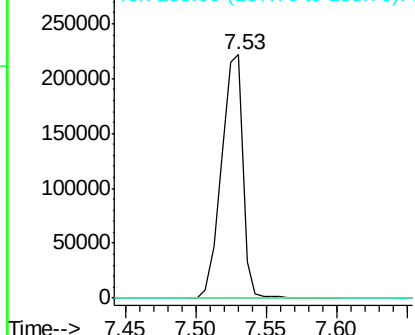
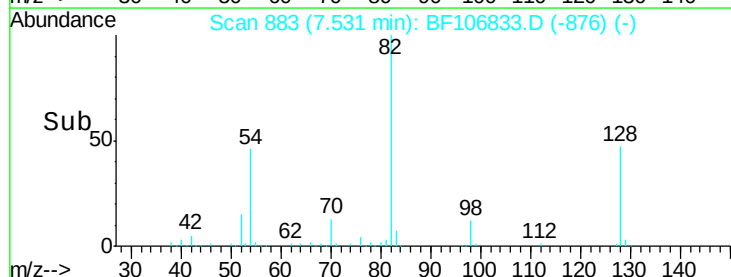


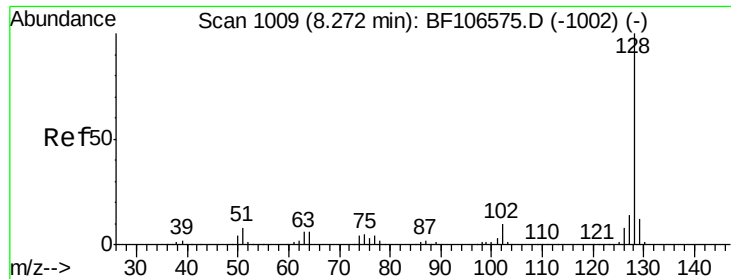
#25
 Isophorone
 Concen: 42.809 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt 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

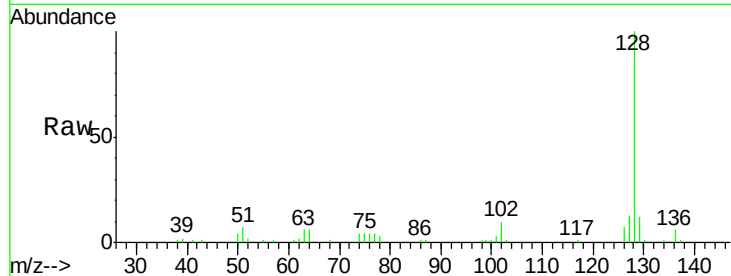




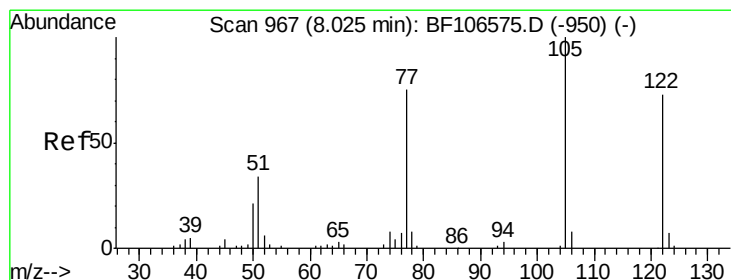
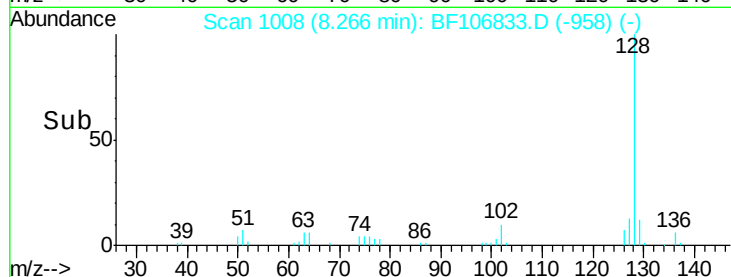
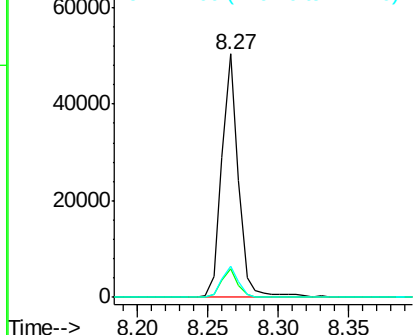
#31
Naphthalene
Concen: 5.127 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
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Tgt Ion:128 Resp: 41363
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 12.9 10.9 16.3

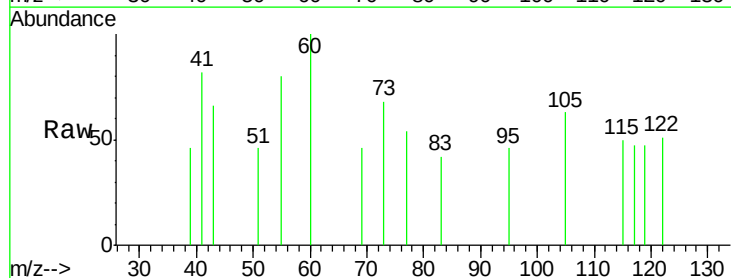


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

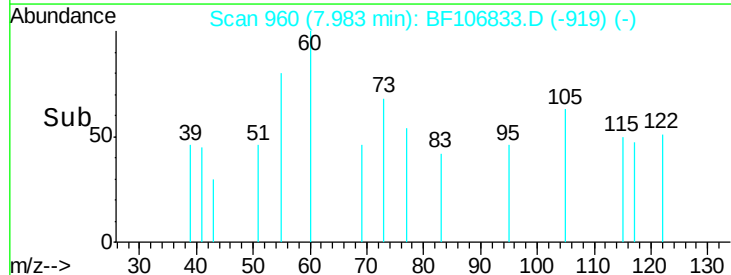
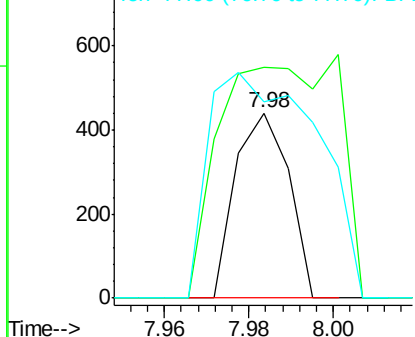


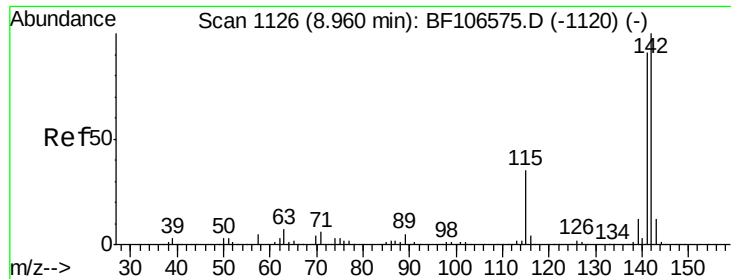
#32
Benzoic acid
Concen: 5.933 ng
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion:122 Resp: 386
Ion Ratio Lower Upper
122 100
105 124.8 101.1 141.1
77 106.4 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

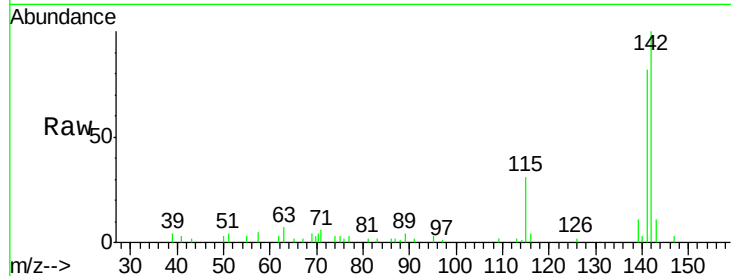




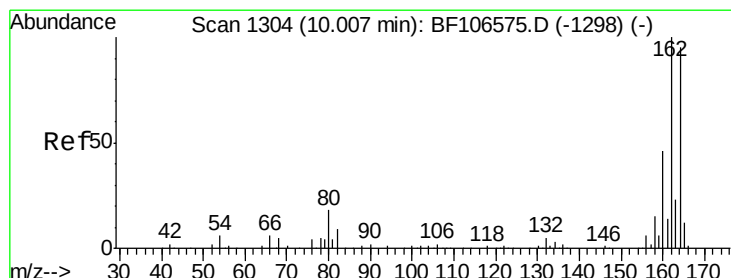
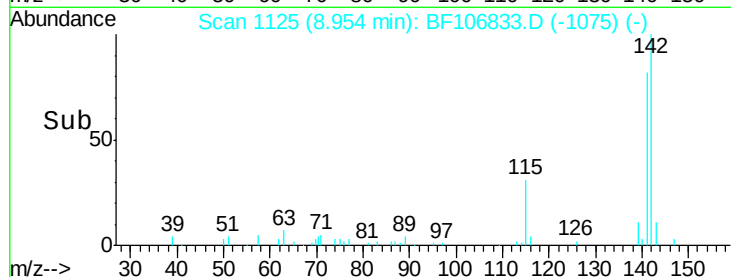
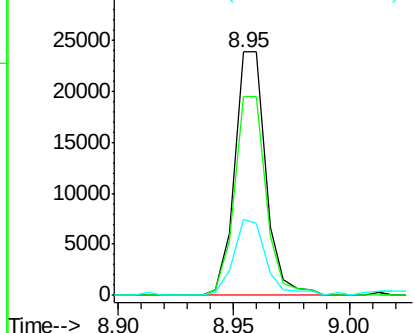
#37
 2-Methylnaphthalene
 Concen: 4.215 ng
 RT: 8.95 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tgt Ion:142 Resp: 22540
 Ion Ratio Lower Upper
 142 100
 141 81.6 70.8 106.2
 115 31.4 26.1 39.1

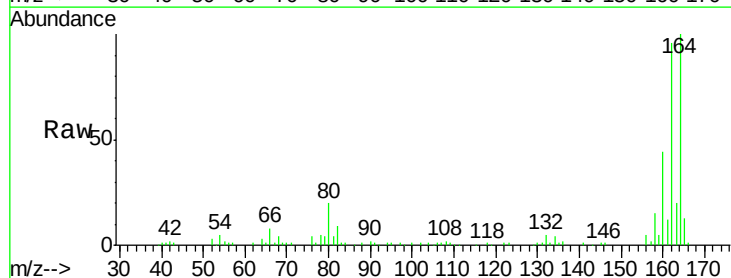


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

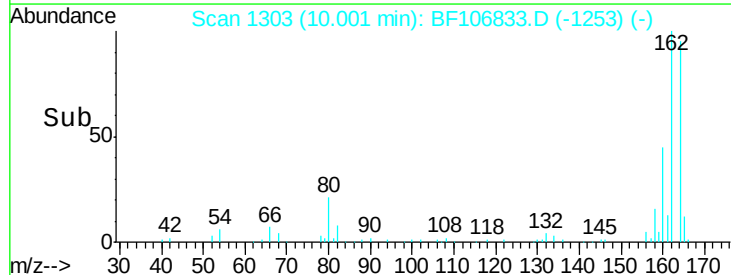
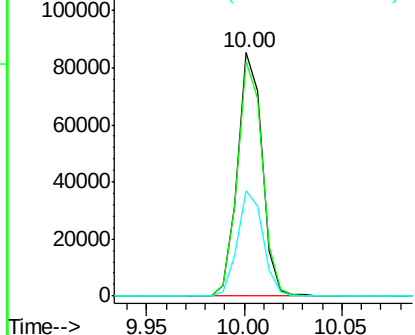


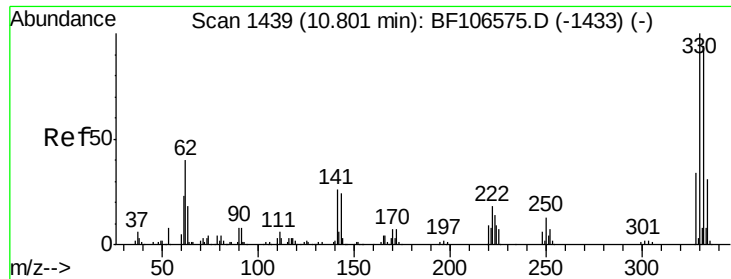
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt Ion:164 Resp: 74629
 Ion Ratio Lower Upper
 164 100
 162 96.4 86.1 129.1
 160 43.5 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

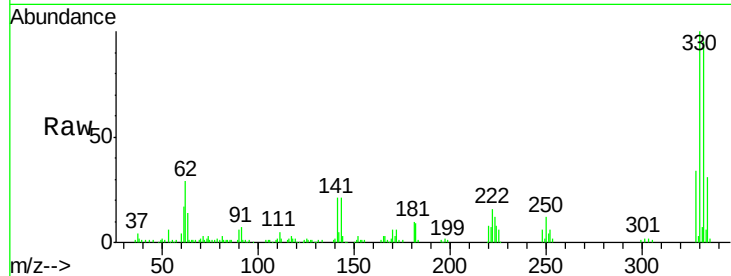




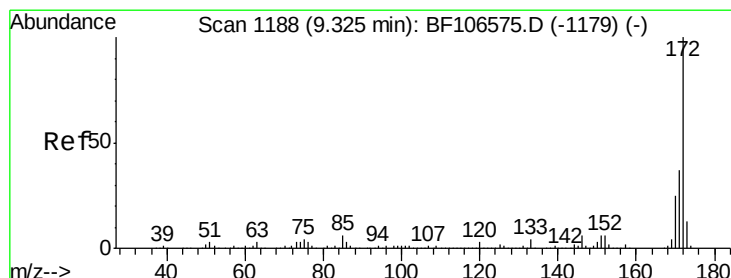
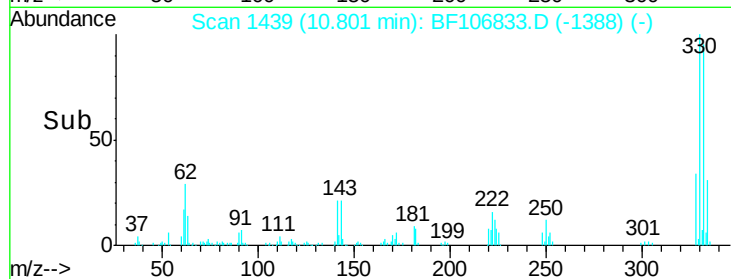
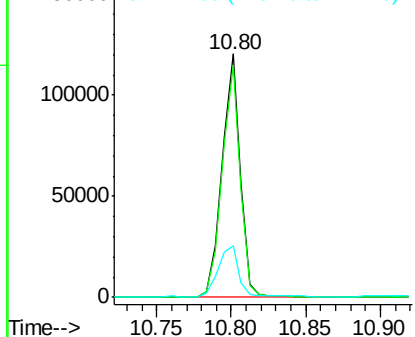
#41
 2,4,6-Tribromophenol
 Concen: 120.729 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tgt Ion:330 Resp: 104427
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 23.3 29.9 44.9#

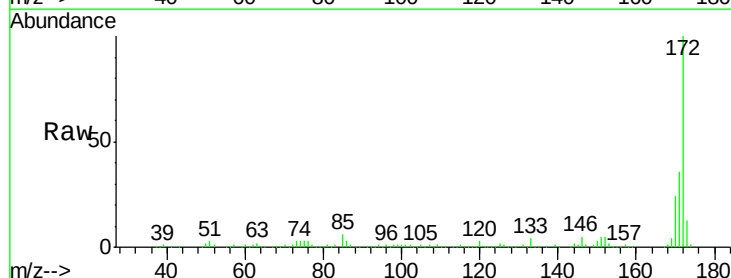


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

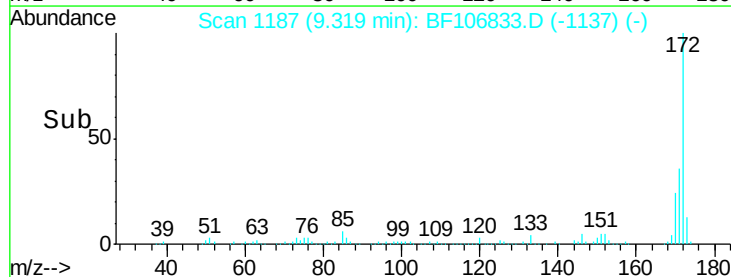
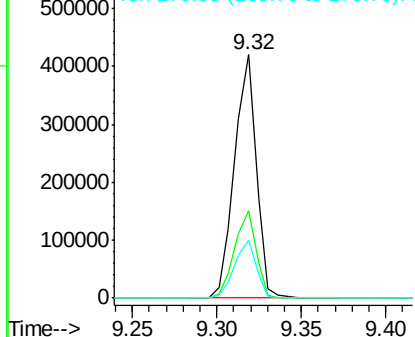


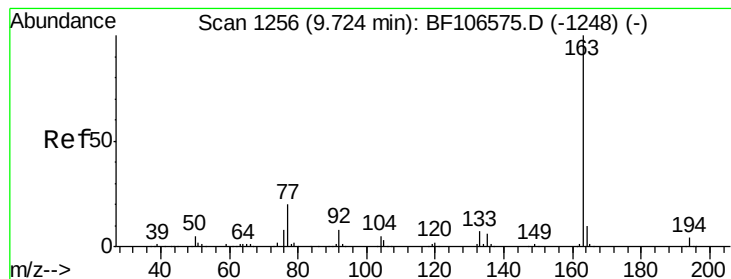
#44
 2-Fluorobiphenyl
 Concen: 85.722 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt Ion:172 Resp: 377400
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.9 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: 9.893 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

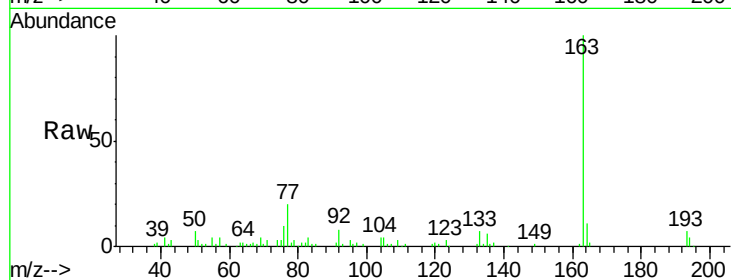
Tgt Ion:163 Resp: 55375

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

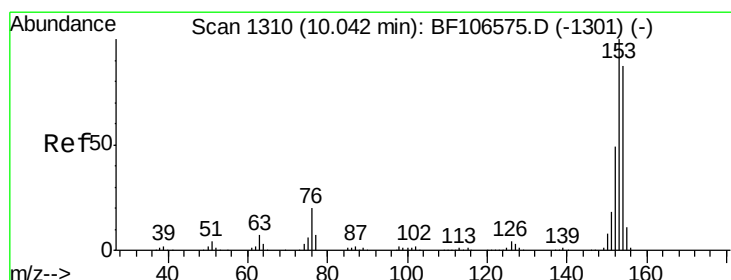
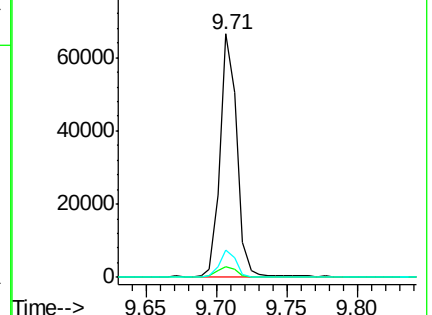
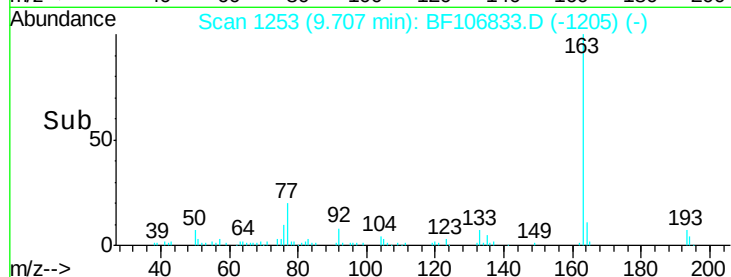
164 11.0 8.2 12.2



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: 18.845 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

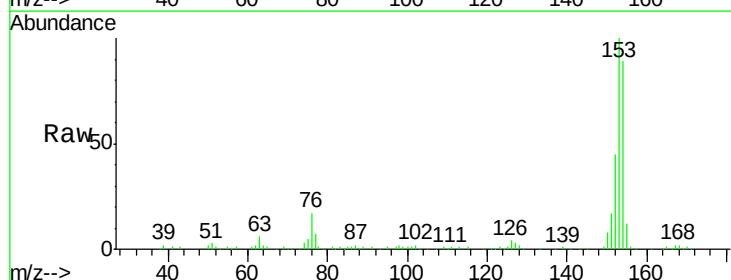
Tgt Ion:154 Resp: 87712

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

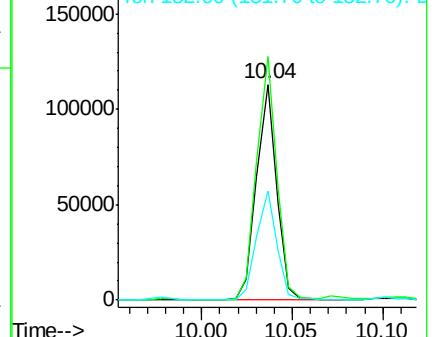
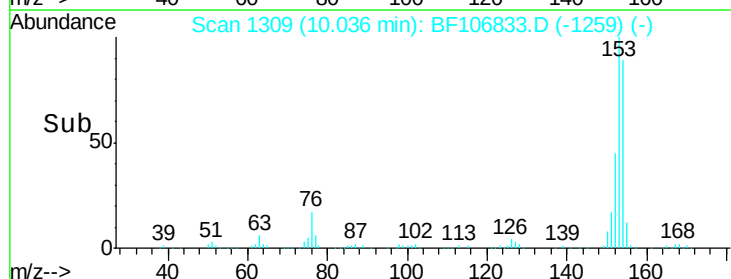
152 50.5 43.8 65.8

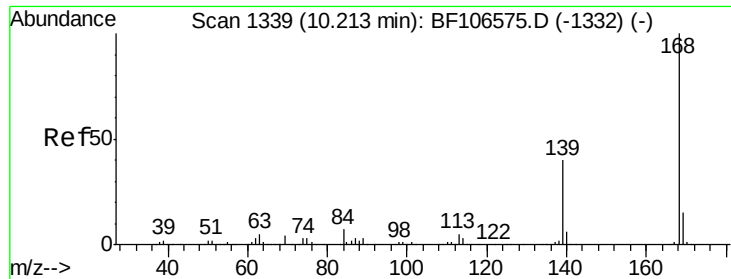


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 9.518 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

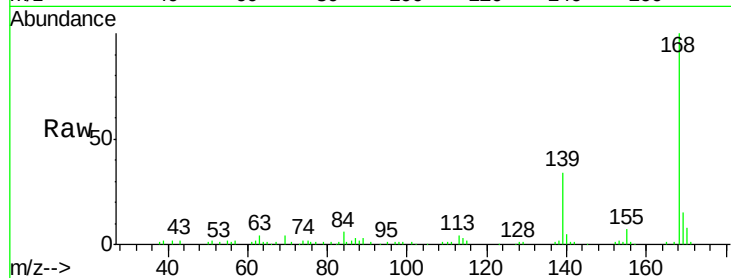
Tgt Ion:168 Resp: 60658

Ion Ratio Lower Upper

168 100

139 33.5 30.1 45.1

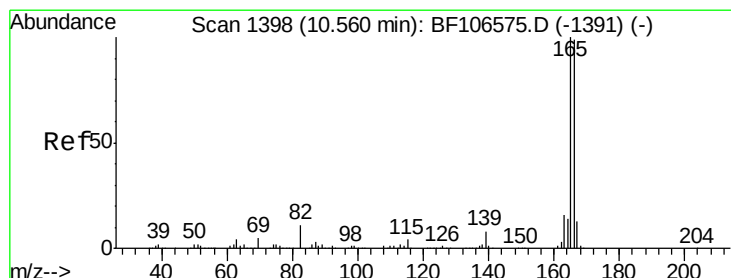
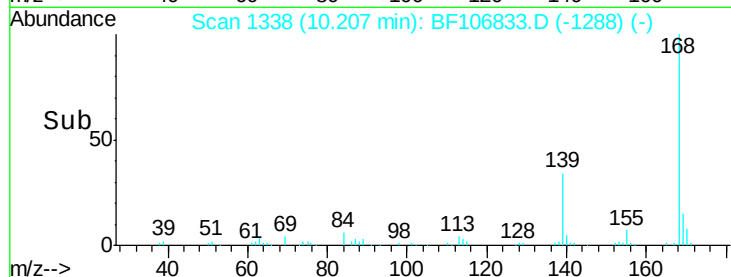
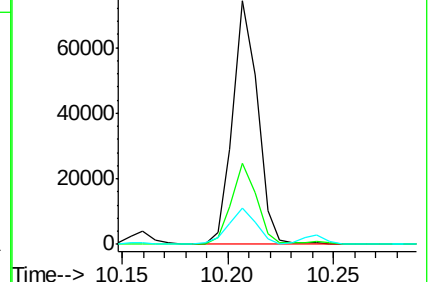
169 14.7 10.9 16.3



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



#57

Fluorene

Concen: 17.344 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

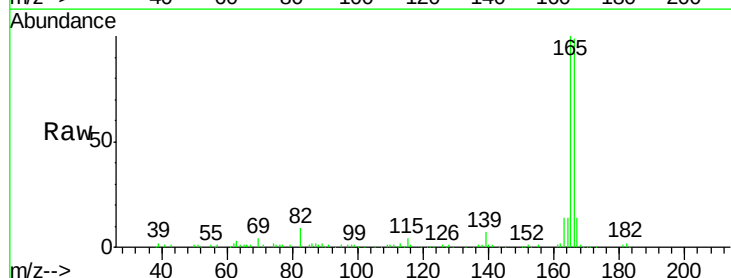
Tgt Ion:166 Resp: 87714

Ion Ratio Lower Upper

166 100

165 100.9 79.8 119.8

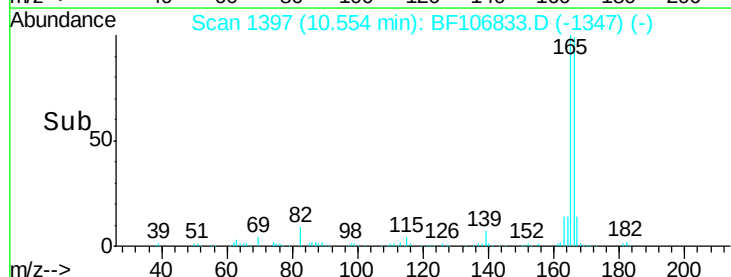
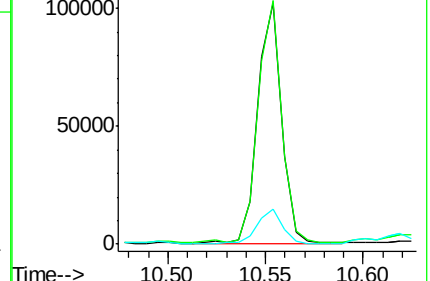
167 14.6 10.6 16.0

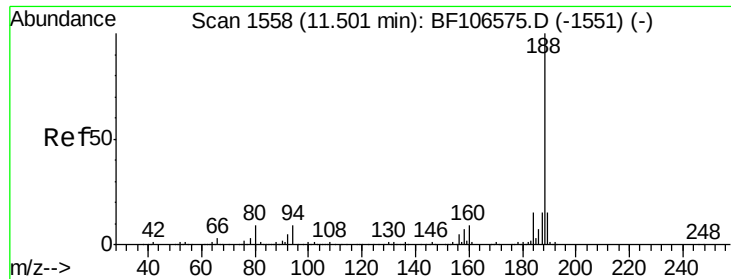


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

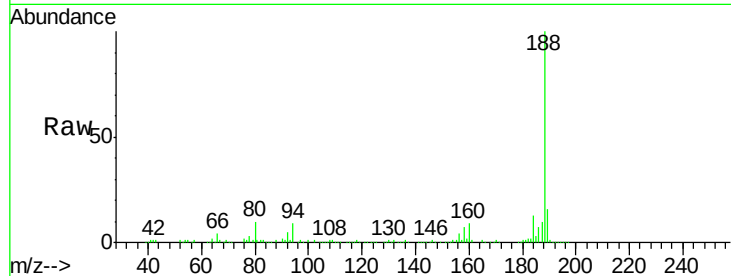
Tgt Ion:188 Resp: 143859

Ion Ratio Lower Upper

188 100

94 8.6 8.5 12.7

80 9.5 9.2 13.8

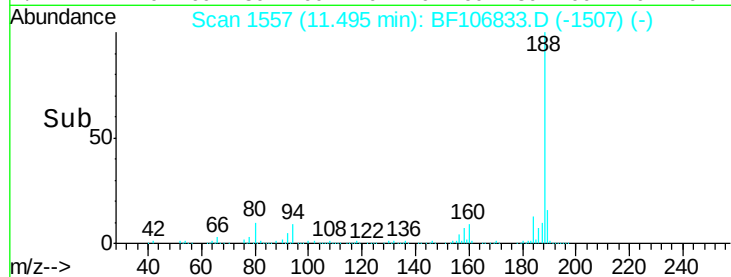


Abundance Ion 188.00 (187.70 to 188.70): E

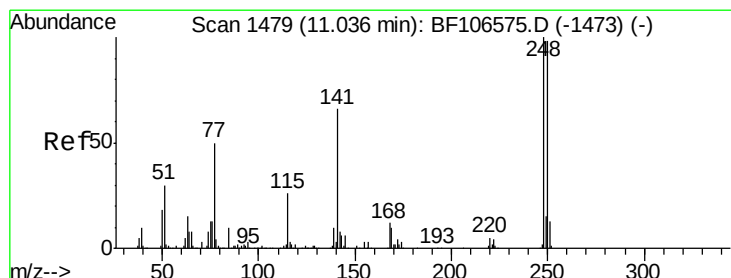
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.824 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.24 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

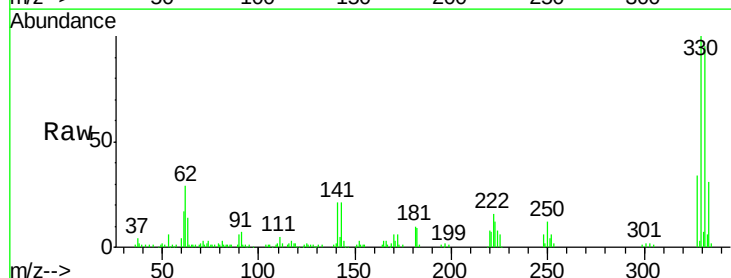
Tgt Ion:248 Resp: 6565

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

141 346.9 74.4 111.6#

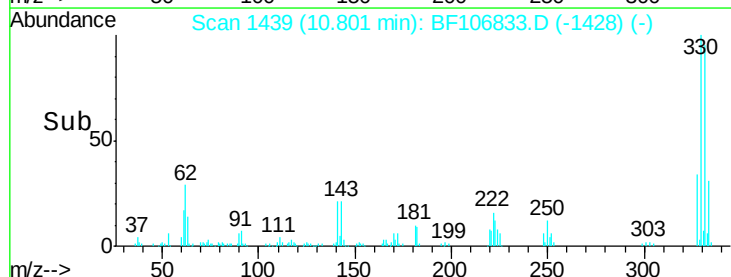


Abundance Ion 248.00 (247.70 to 248.70): E

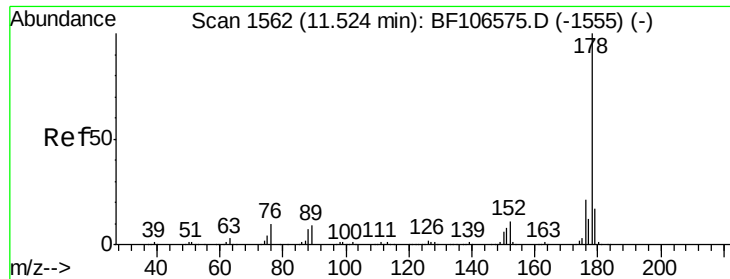
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#70

Phenanthrene

Concen: 43.545 ng

RT: 11.52 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

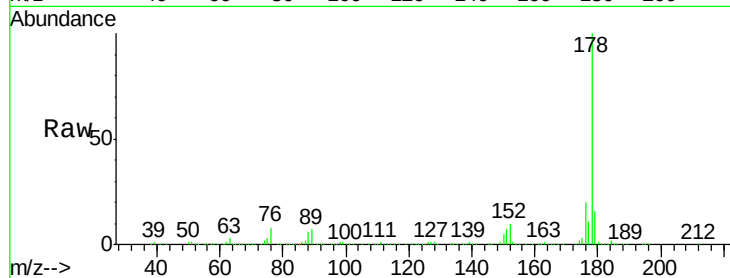
Tgt Ion:178 Resp: 302140

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

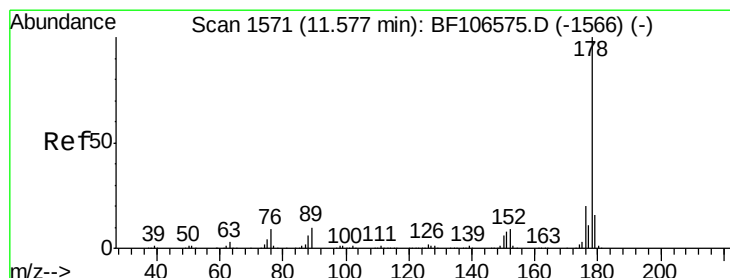
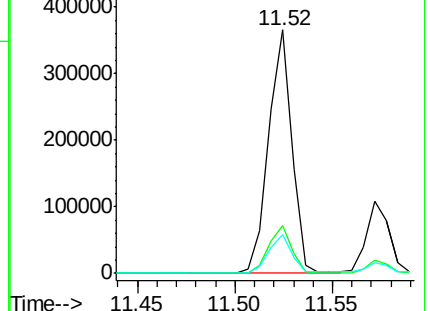
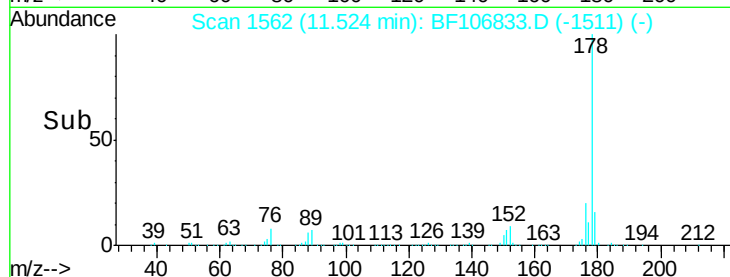
179 15.9 13.0 19.6



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: 11.951 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

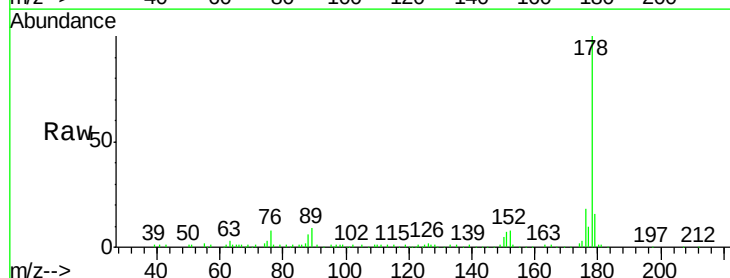
Tgt Ion:178 Resp: 84640

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

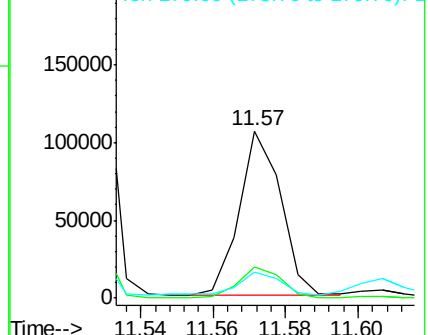
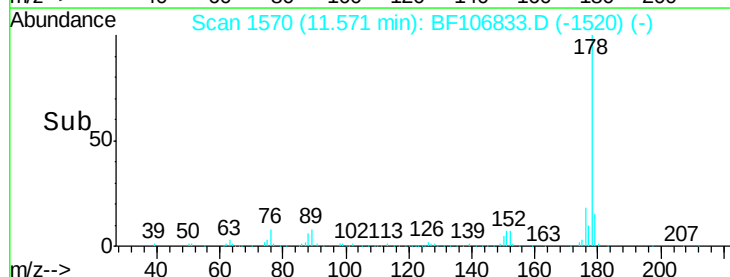
179 15.6 12.6 19.0

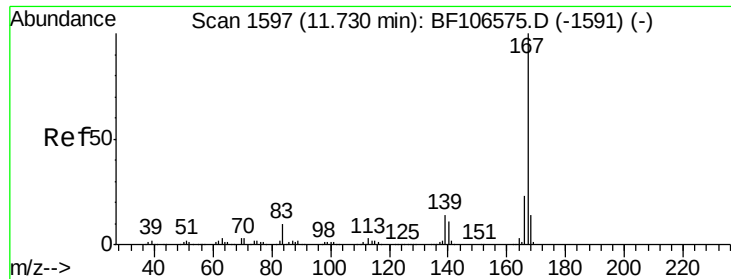


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.006 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

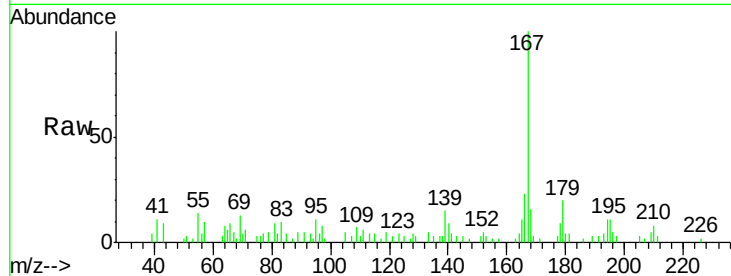
Tgt Ion:167 Resp: 13302

Ion Ratio Lower Upper

167 100

166 22.7 17.6 26.4

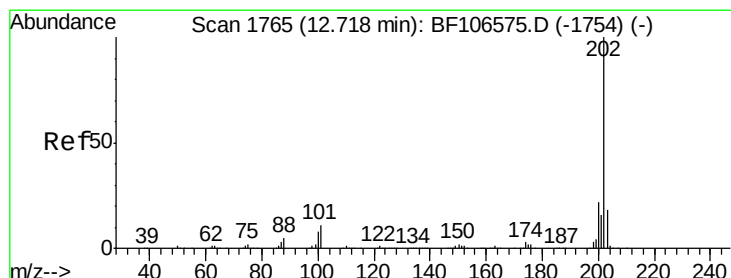
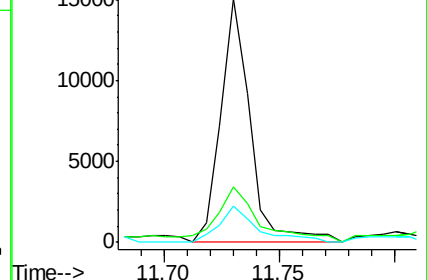
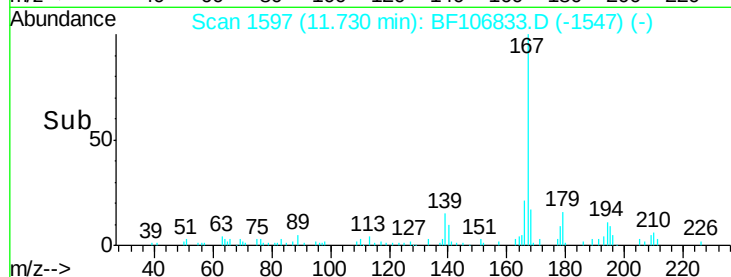
139 14.7 10.9 16.3



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: 49.888 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

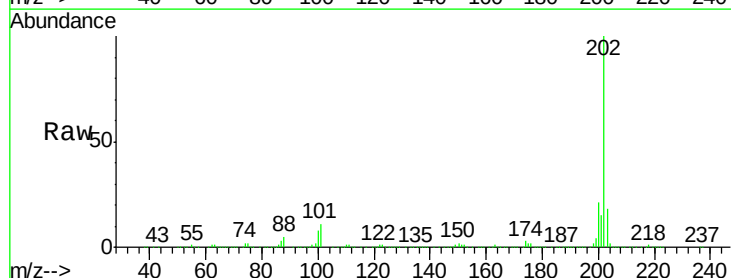
Tgt Ion:202 Resp: 381534

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

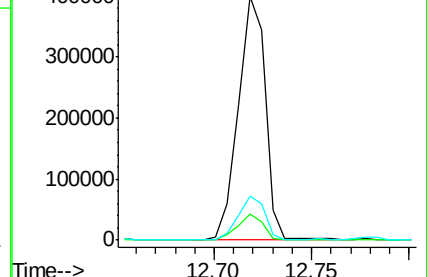
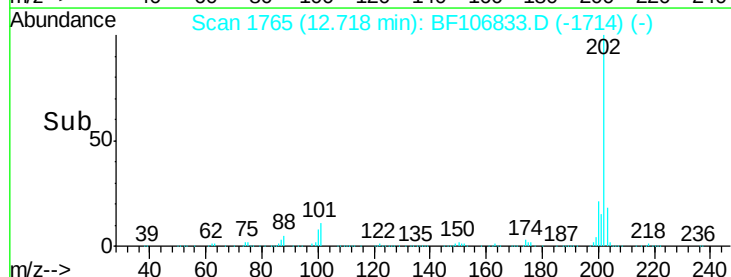
203 17.9 0.0 38.1

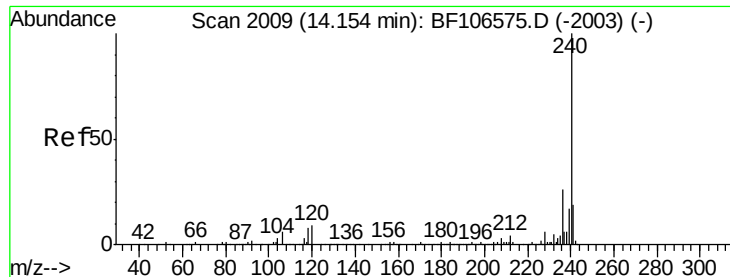


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

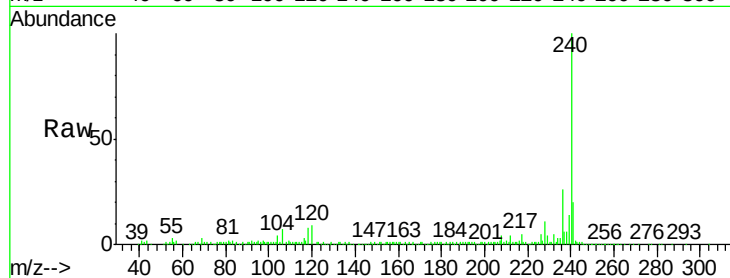
Tgt Ion:240 Resp: 144027

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

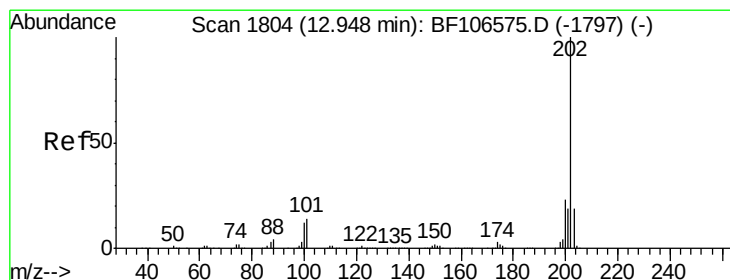
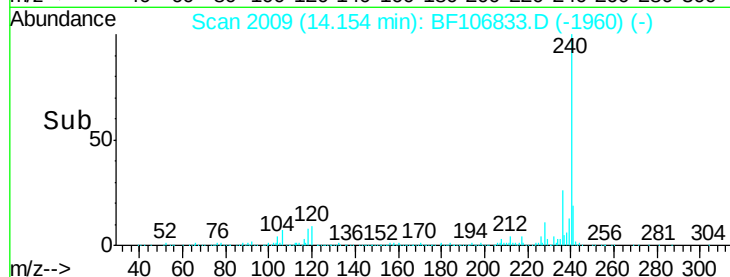
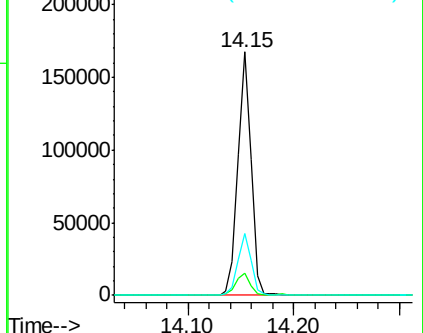
236 25.6 20.7 31.1



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: 32.907 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

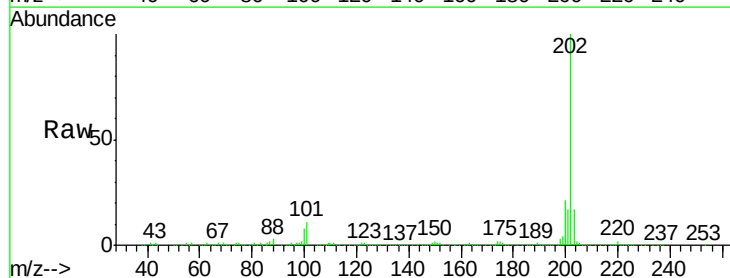
Tgt Ion:202 Resp: 312537

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

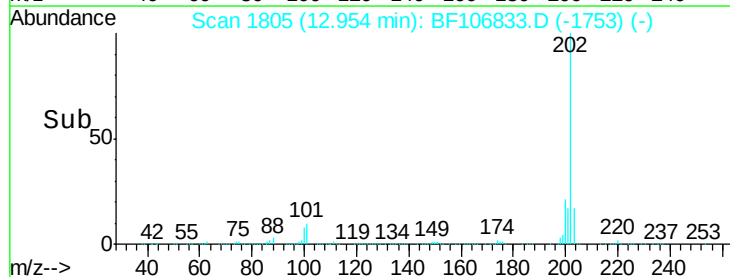
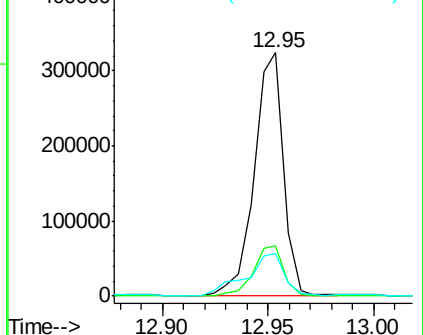
203 17.4 14.3 21.5

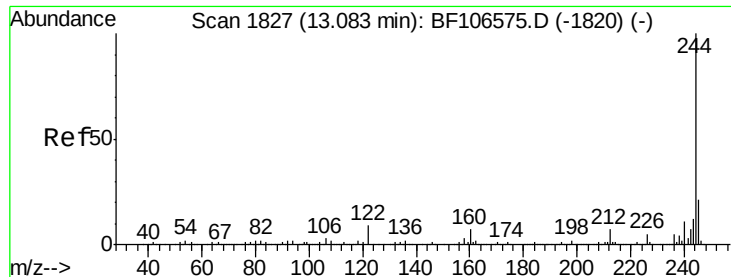


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.804 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

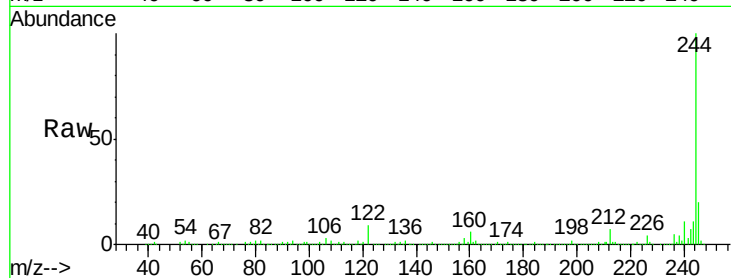
Tgt Ion:244 Resp: 438830

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

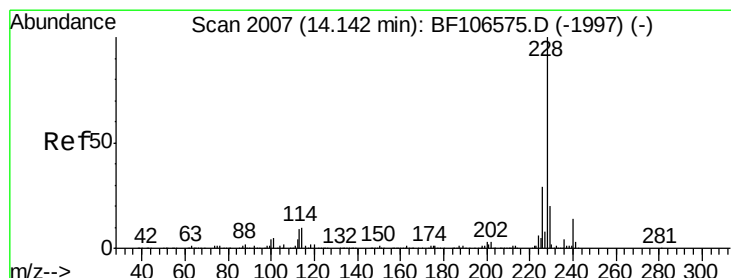
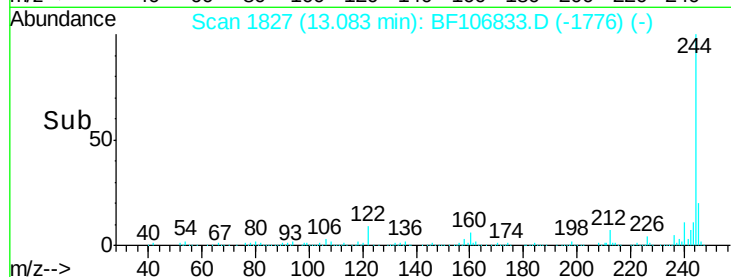
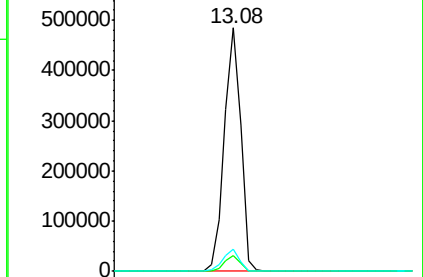
122 8.9 11.0 16.4#



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: 10.662 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

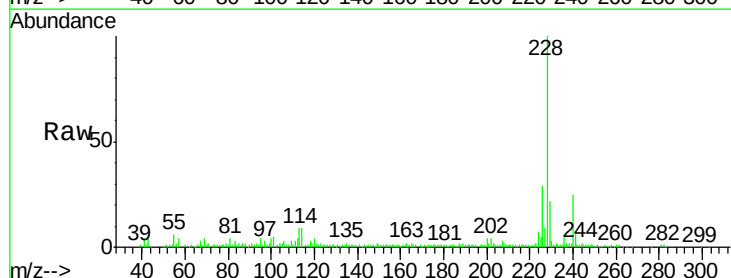
Tgt Ion:228 Resp: 93588

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

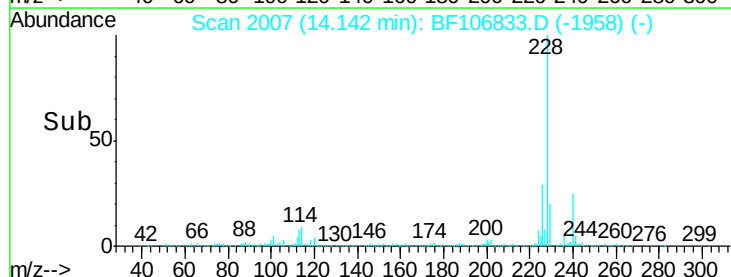
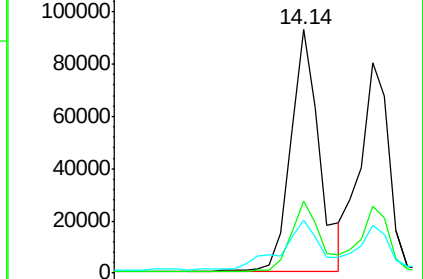
229 21.7 15.8 23.6

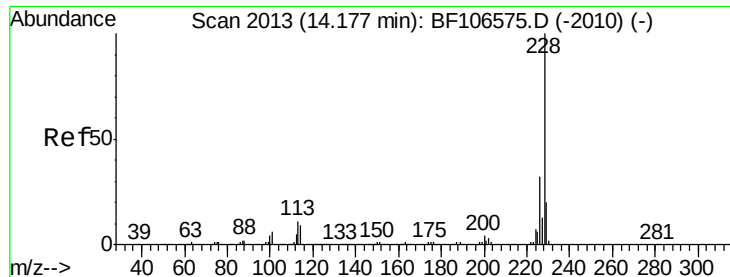


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 10.214 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-1

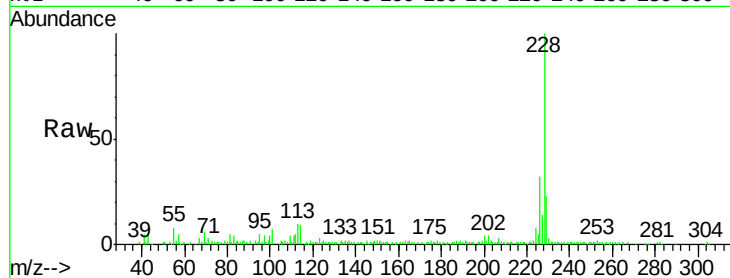
Tgt Ion:228 Resp: 82485

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

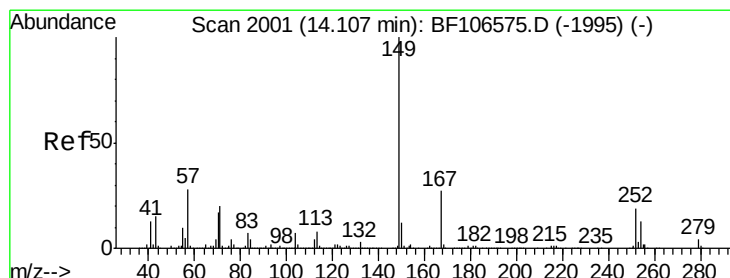
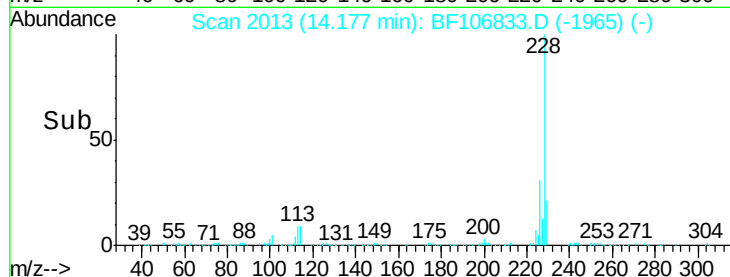
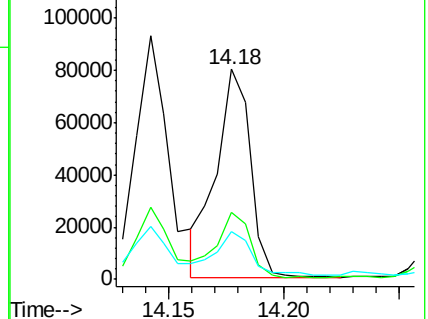
229 23.0 16.2 24.4



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: 2.724 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106833.D

Acq: 26 Jun 2018 19:53

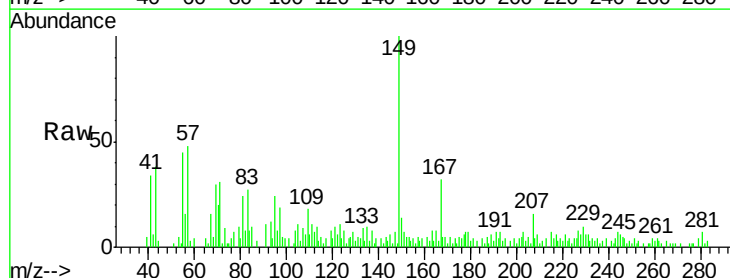
Tgt Ion:149 Resp: 13598

Ion Ratio Lower Upper

149 100

167 32.4 21.3 31.9#

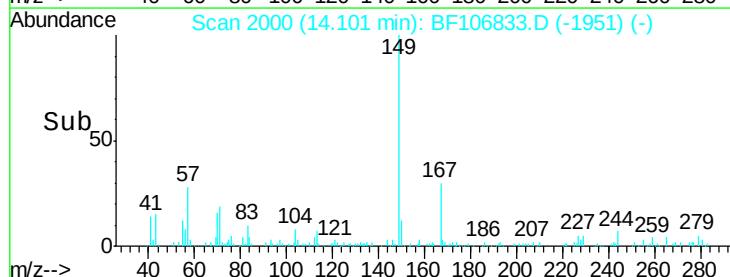
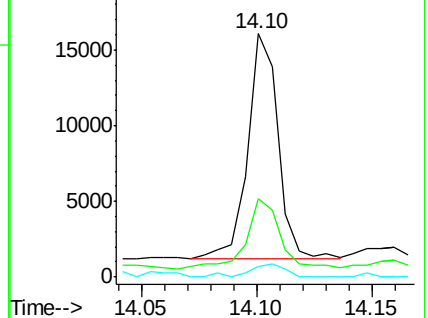
279 4.4 3.0 4.4

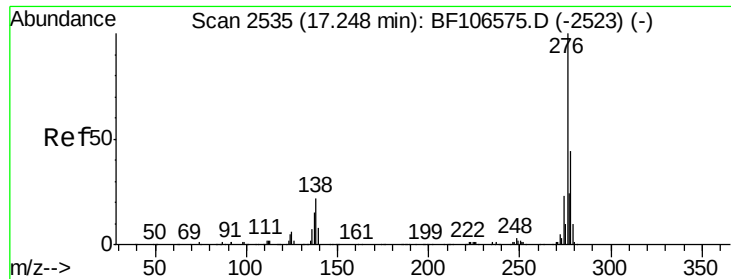


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

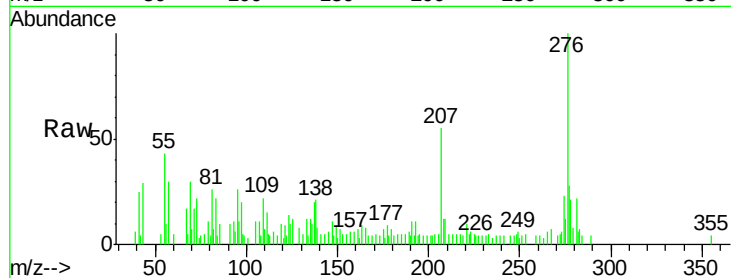




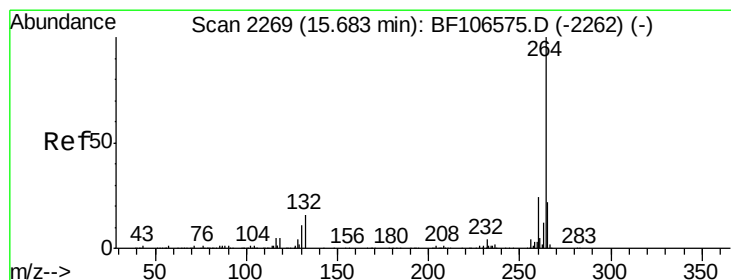
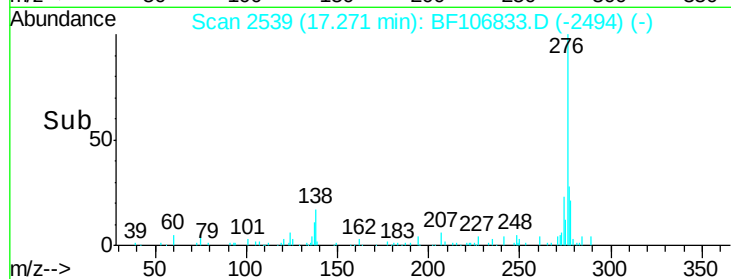
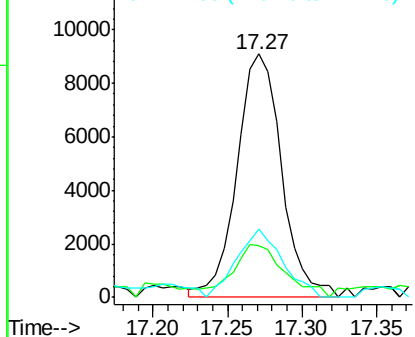
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.755 ng
 RT: 17.27 min Scan# 2539
 Delta R.T. -0.04 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-1

Tgt Ion: 276 Resp: 18882
 Ion Ratio Lower Upper
 276 100
 138 25.0 25.0 37.6
 277 28.7 20.1 30.1

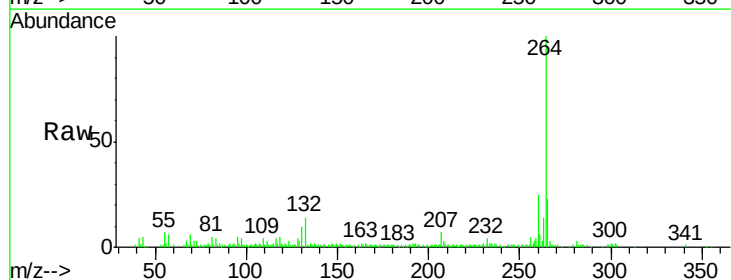


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

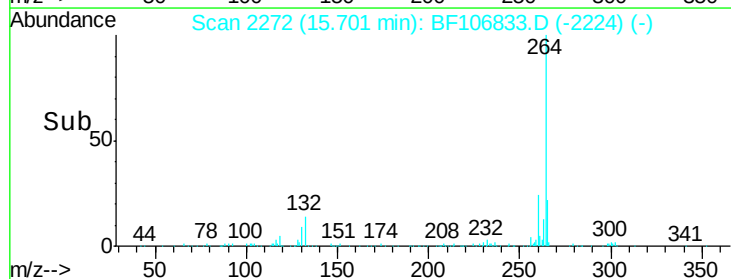
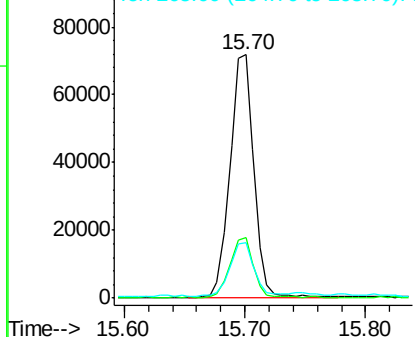


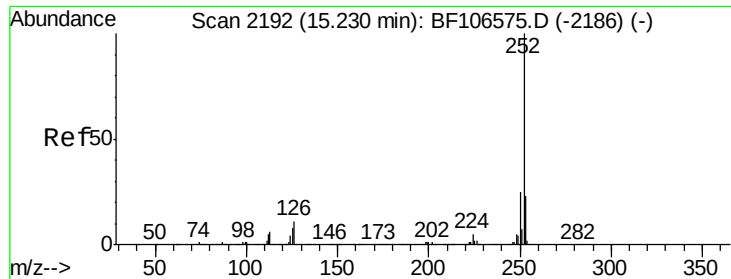
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. -0.02 min
 Lab File: BF106833.D
 Acq: 26 Jun 2018 19:53

Tgt Ion: 264 Resp: 99512
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.6 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

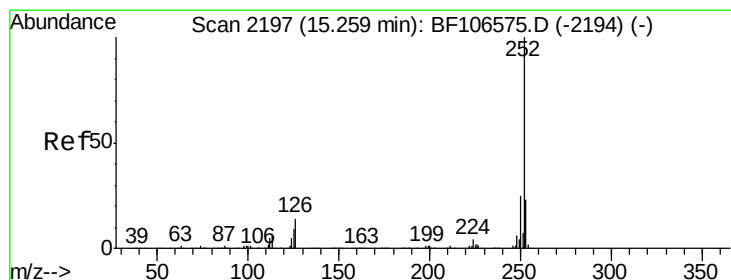
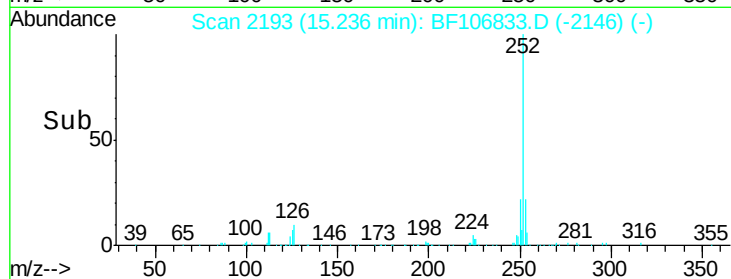
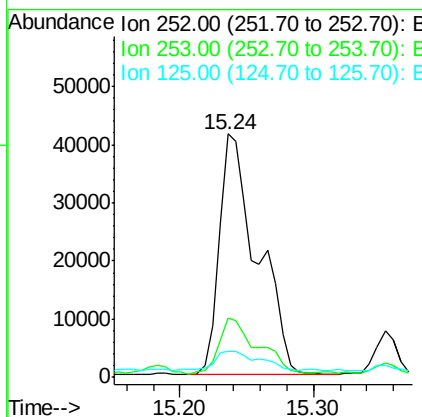
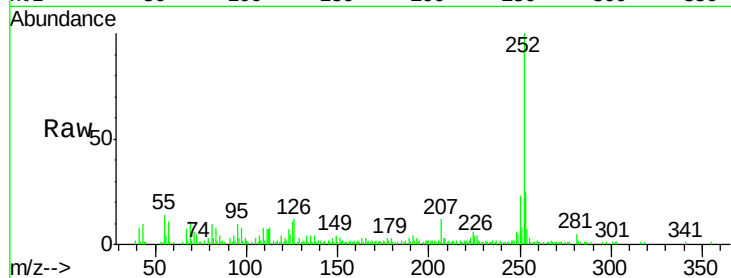




#87
Benzo(b)fluoranthene
Concen: 13.321 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

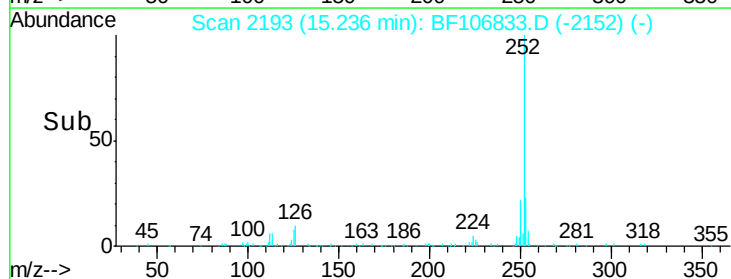
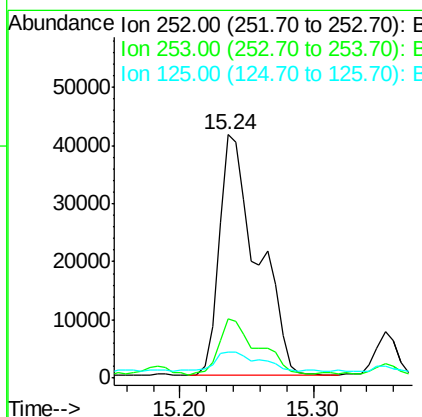
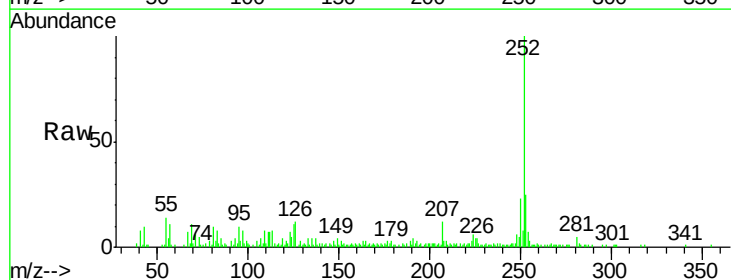
Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

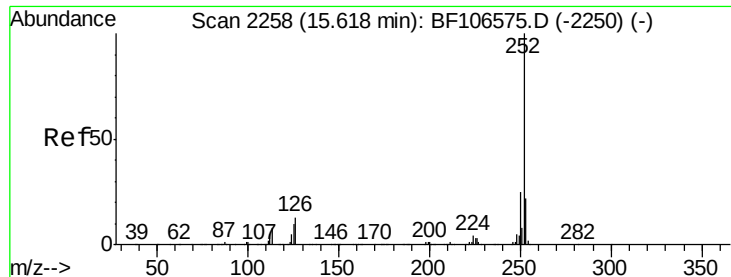
Tgt Ion:252 Resp: 82346
Ion Ratio Lower Upper
252 100
253 24.5 17.0 25.6
125 10.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 13.988 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion:252 Resp: 82346
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 10.8 10.2 15.2

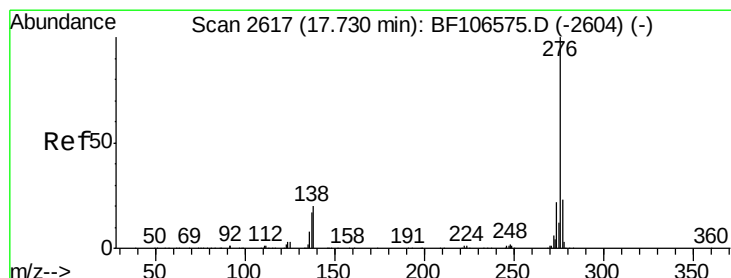
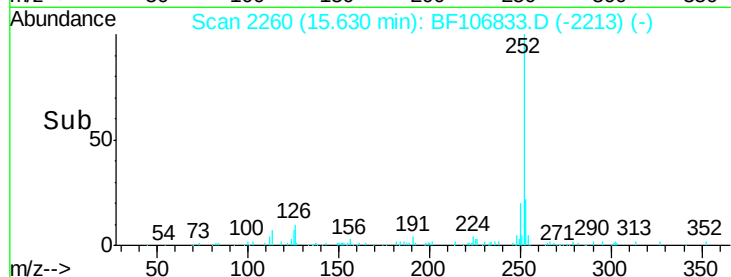
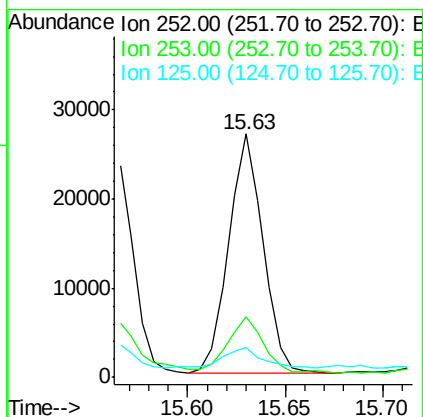
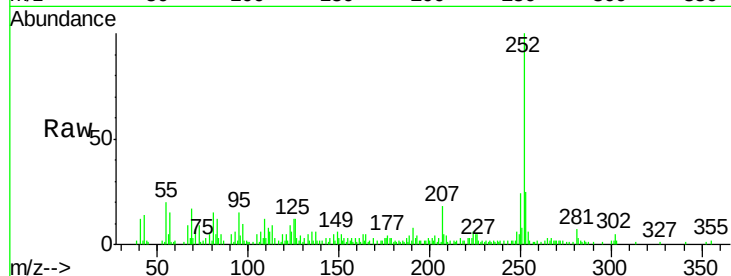




#89
Benzo(a)pyrene
Concen: 5.989 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-1

Tgt Ion: 252 Resp: 32911
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 12.2 9.8 14.6



#91
Benzo(g,h,i)perylene
Concen: 4.191 ng
RT: 17.76 min Scan# 2622
Delta R.T. -0.03 min
Lab File: BF106833.D
Acq: 26 Jun 2018 19:53

Tgt Ion: 276 Resp: 19077
Ion Ratio Lower Upper
276 100
277 24.6 17.9 26.9
138 26.2 21.8 32.8

