

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
 Data File : BF106505.D
 Acq On : 15 Jun 2018 21:12
 Operator : JU/SJ
 Sample : J3486-04 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-7

Quant Time: Jun 15 22:59:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	110461	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	373941	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	147862	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	276809	20.00	ng	0.00
75) Chrysene-d12	14.16	240	294818	20.00	ng	0.00
86) Perylene-d12	15.70	264	208336	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	293977	45.04	ng	0.00
7) Phenol-d6	6.61	99	353794	42.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	213282	33.55	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	69981	49.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	353364	32.69	ng	0.00
78) Terphenyl-d14	13.09	244	409568	34.51	ng	0.00

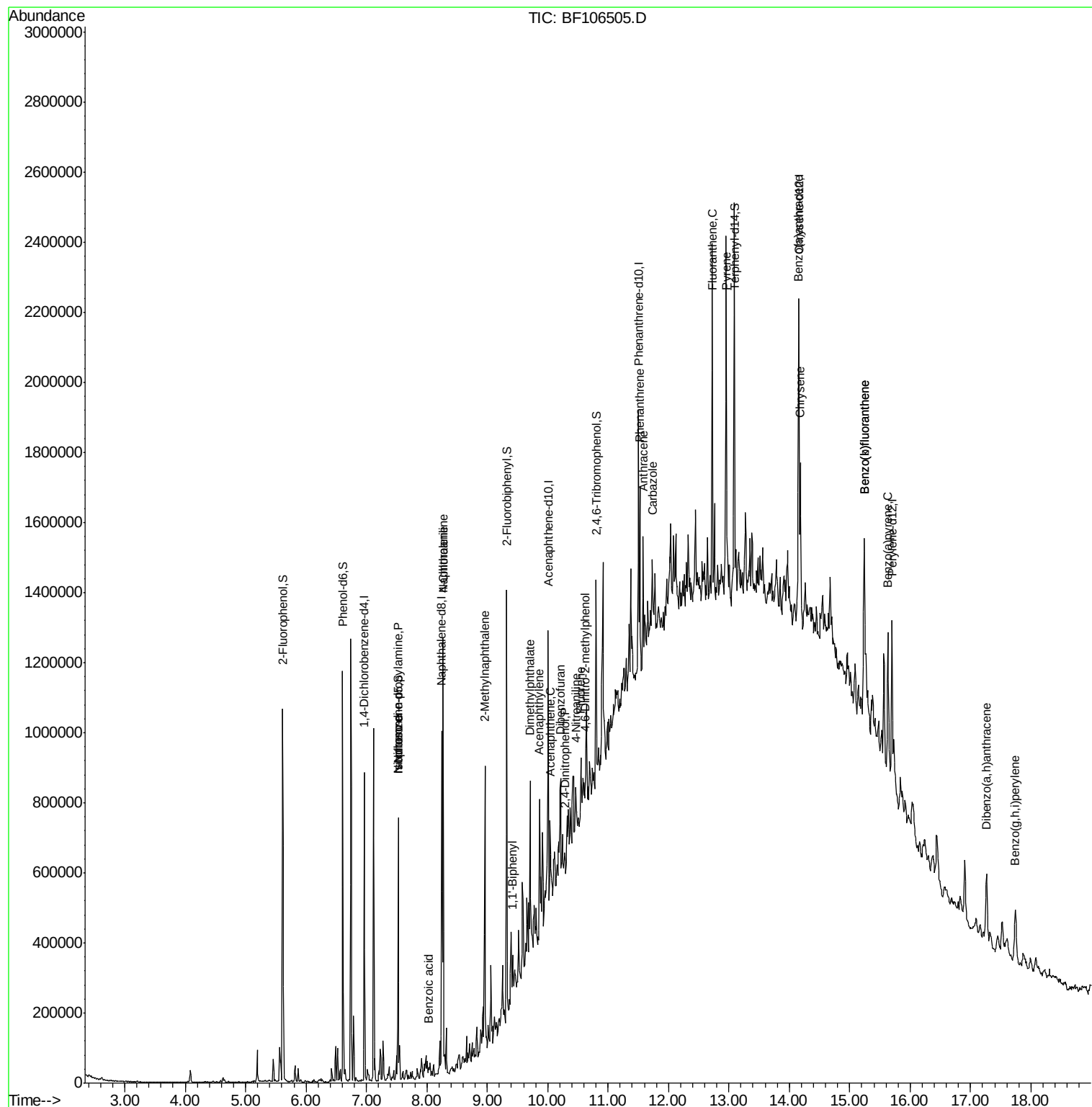
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.52	70	31492	5.091	ng	# 76
25) Isophorone	7.52	82	213282	17.179	ng	# 64
31) Naphthalene	8.27	128	492617	29.142	ng	# 99
32) Benzoic acid	8.03	122	4466	8.266	ng	# 32
33) 4-Chloroaniline	8.27	127	64680	8.634	ng	# 32
37) 2-Methylnaphthalene	8.96	142	196828	17.096	ng	# 98
45) 1,1'-Biphenyl	9.42	154	33591	2.933	ng	# 95
48) Acenaphthylene	9.87	152	76056	5.422	ng	# 93
49) Dimethylphthalate	9.71	163	37719	3.571	ng	# 87
51) Acenaphthene	10.04	154	30090	3.321	ng	# 96
53) 2,4-Dinitrophenol	10.29	184	769	9.307	ng	# 8
54) Dibenzofuran	10.21	168	88674	7.269	ng	# 98
57) Fluorene	10.55	166	45922	4.751	ng	# 95
61) 4-Nitroaniline	10.46	138	6533	2.622	ng	# 84
64) 4,6-Dinitro-2-methylphenol	10.62	198	499	6.585	ng	# 1
70) Phenanthrene	11.52	178	199041	14.682	ng	# 99
71) Anthracene	11.58	178	143851	10.592	ng	# 97
72) Carbazole	11.74	167	35913	2.864	ng	# 83
74) Fluoranthene	12.72	202	431813	29.868	ng	# 97
77) Pyrene	12.95	202	519906	28.168	ng	# 98
80) Benzo(a)anthracene	14.15	228	222708	12.694	ng	# 92
82) Chrysene	14.18	228	215690	13.465	ng	# 97
87) Benzo(b)fluoranthene	15.24	252	380331	30.200	ng	# 94
88) Benzo(k)fluoranthene	15.24	252	380411	30.500	ng	# 97
89) Benzo(a)pyrene	15.63	252	197855	17.467	ng	# 95
90) Dibenzo(a,h)anthracene	17.27	278	31098	3.293	ng	# 85
91) Benzo(g,h,i)perylene	17.74	276	137661	15.000	ng	# 93

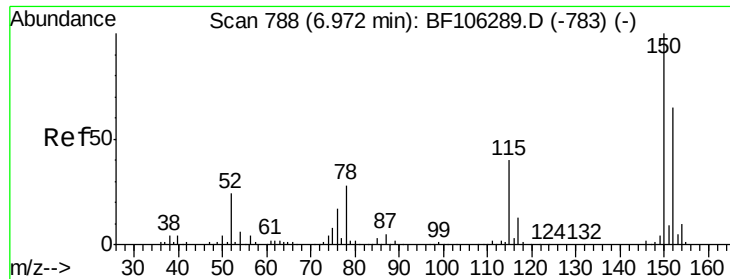
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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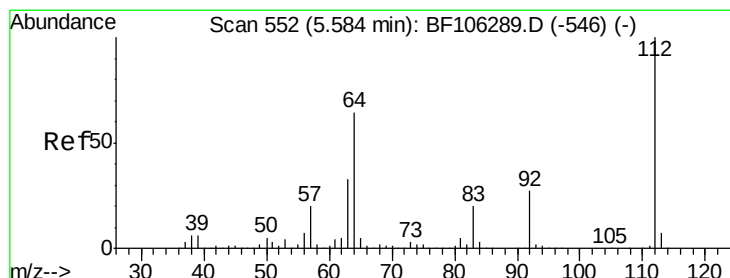
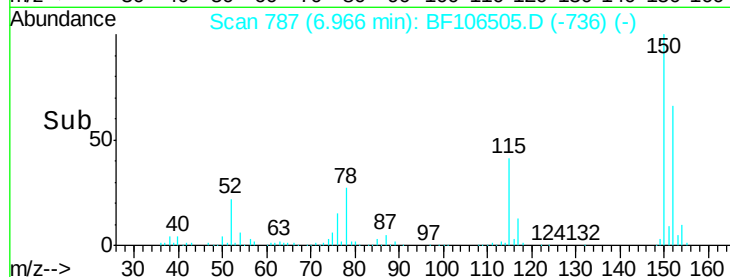
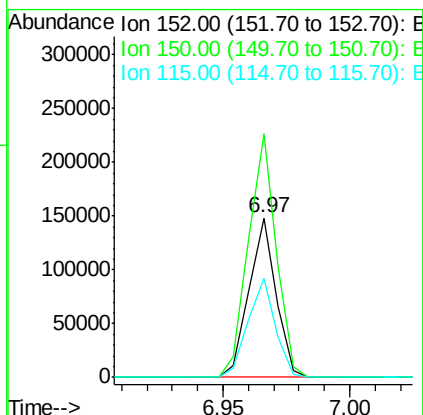
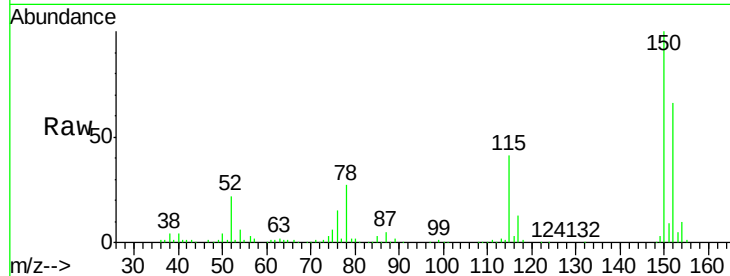




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

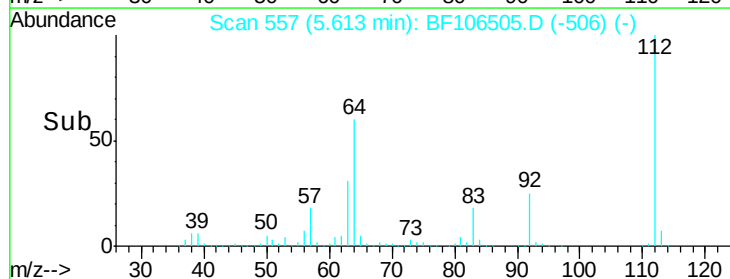
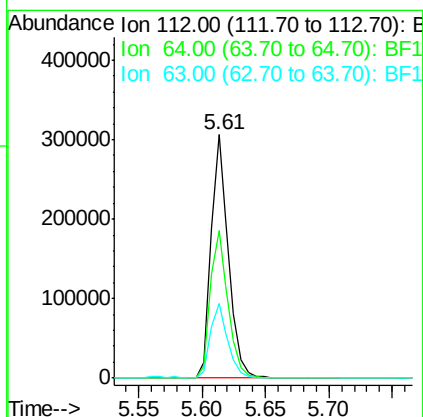
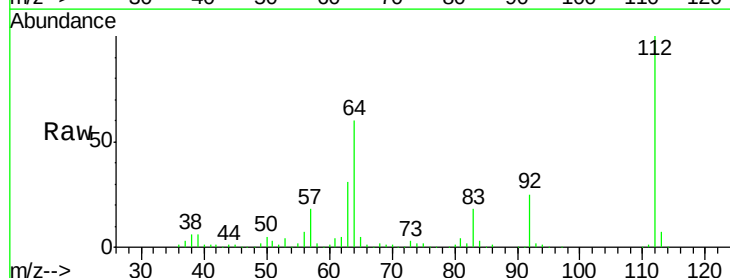
Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-7

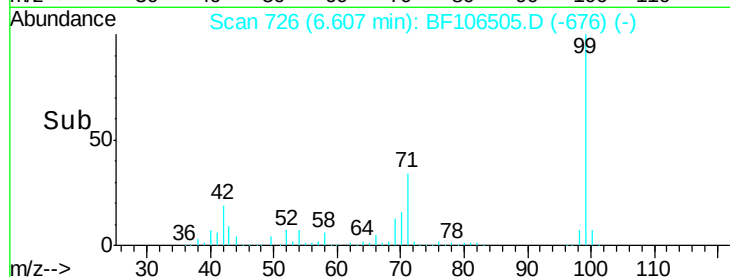
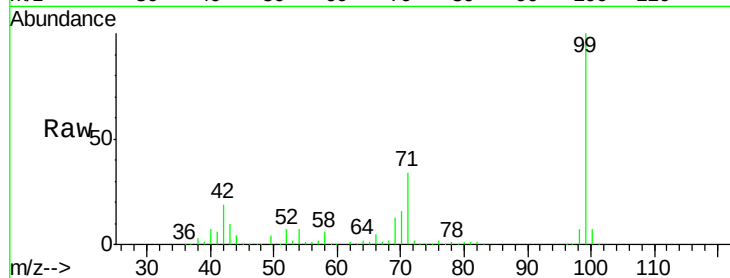
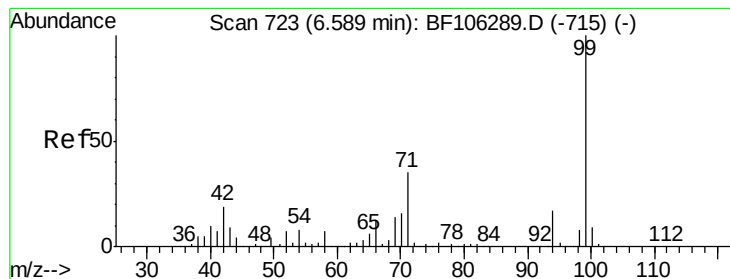
Tgt Ion:152 Resp: 110461
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 186.8
 115 61.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 45.044 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

Tgt Ion:112 Resp: 293977
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 30.8 23.7 35.5





#7

Phenol-d6

Concen: 42.907 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

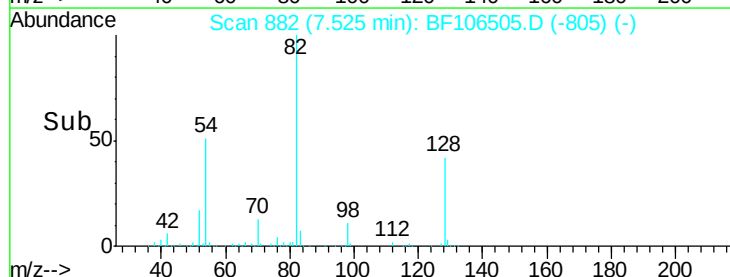
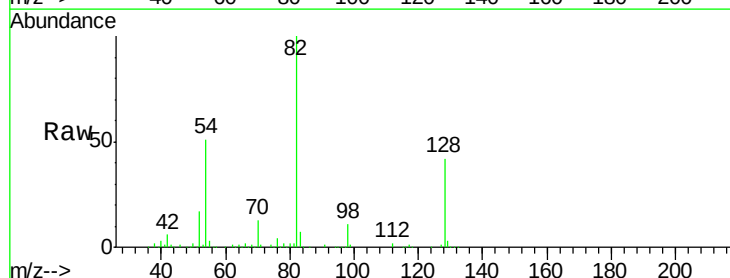
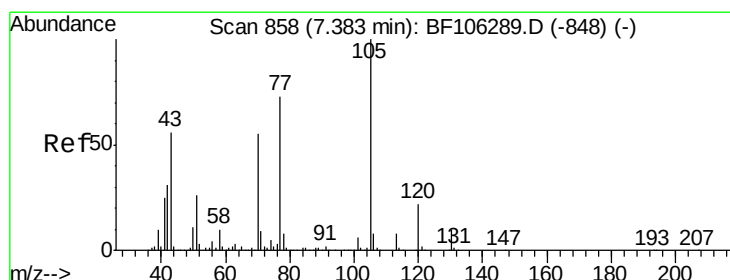
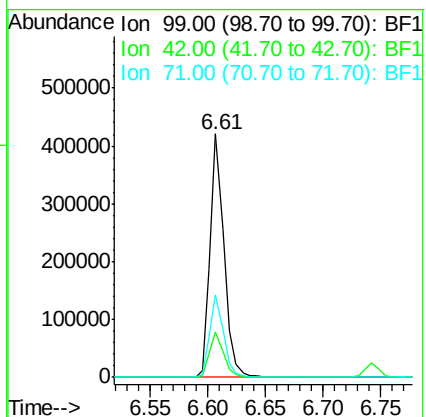
Tgt Ion: 99 Resp: 353794

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

71 33.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 5.091 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Tgt Ion: 70 Resp: 31492

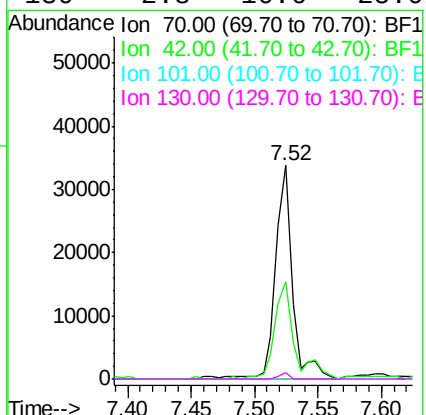
Ion Ratio Lower Upper

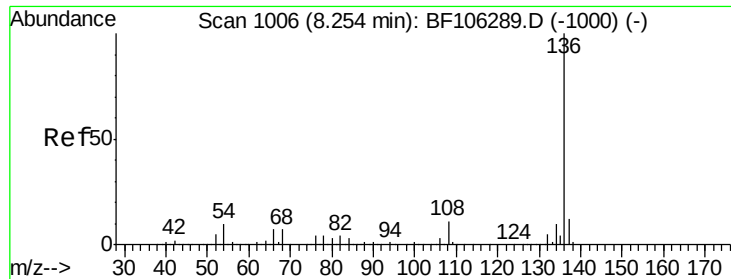
70 100

42 45.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

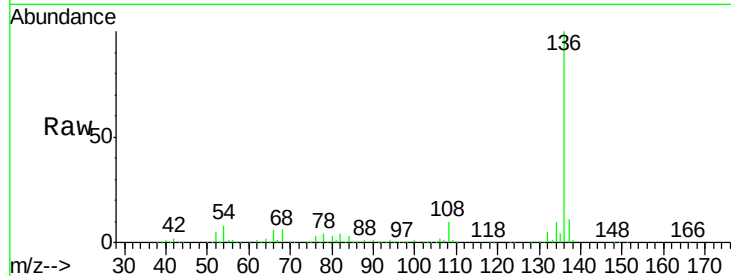




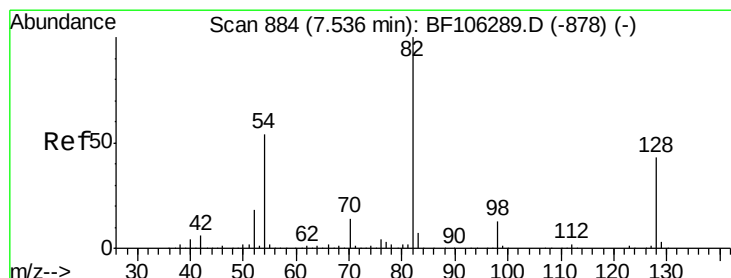
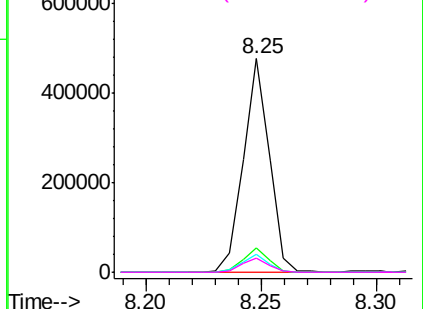
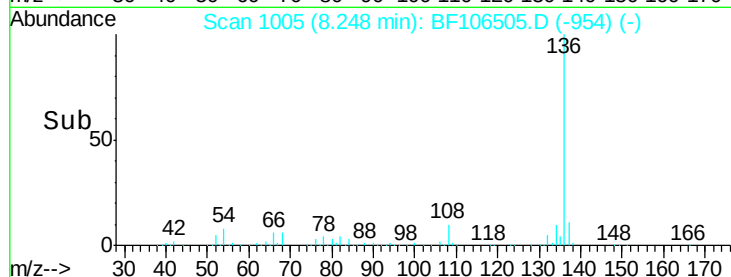
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106505.D
Acq: 15 Jun 2018 21:12

Instrument :
BNA_F
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Tgt Ion:	136	Resp:	373941
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.4	6.6	9.8
68	6.5	5.0	7.4

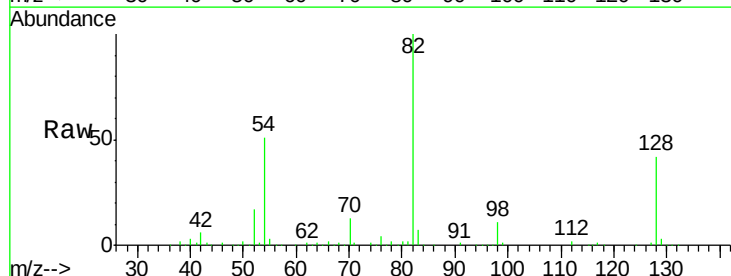


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

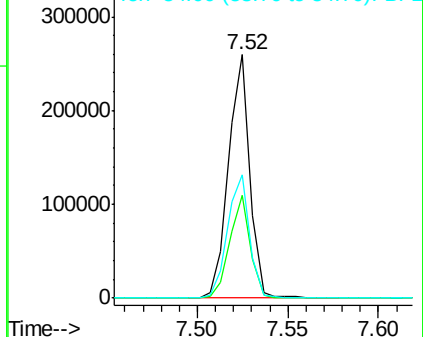
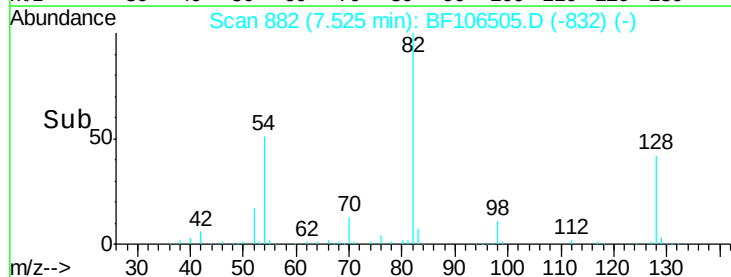


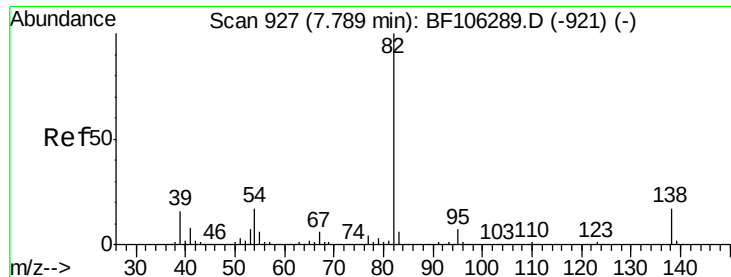
#23
Nitrobenzene-d5
Concen: 33.554 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106505.D
Acq: 15 Jun 2018 21:12

Tgt Ion:	82	Resp:	213282
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	50.5	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: 17.179 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

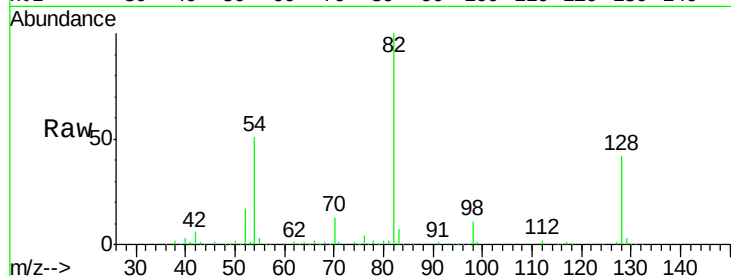
Tgt Ion: 82 Resp: 213282

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

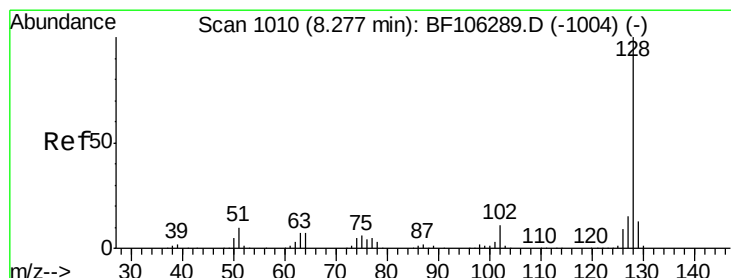
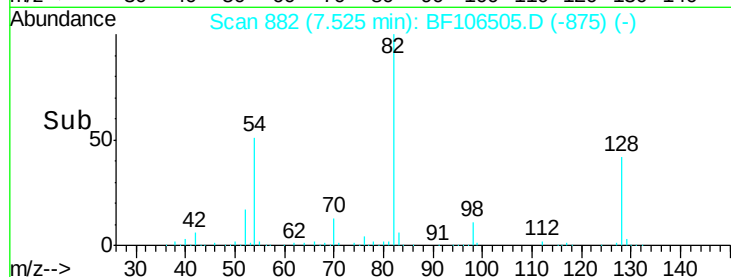
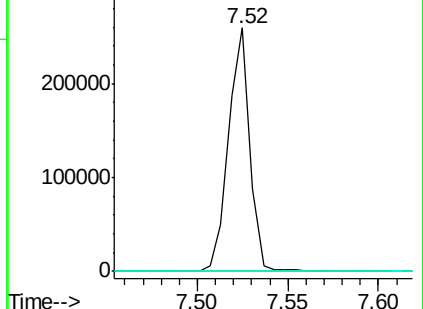
138 0.0 14.9 22.3#



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: 29.142 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

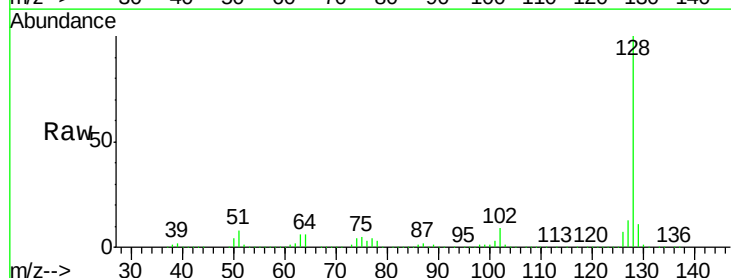
Tgt Ion: 128 Resp: 492617

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

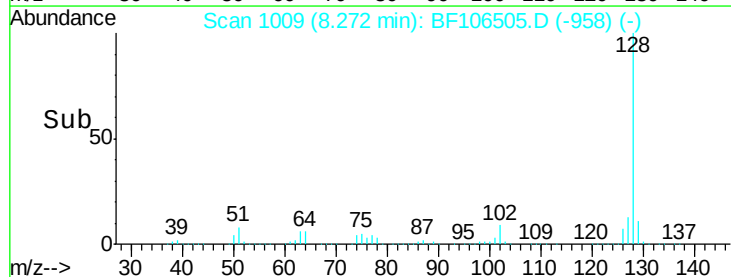
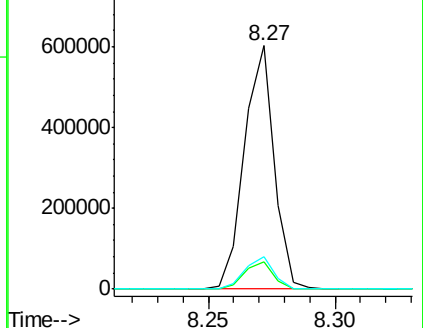
127 13.1 10.9 16.3

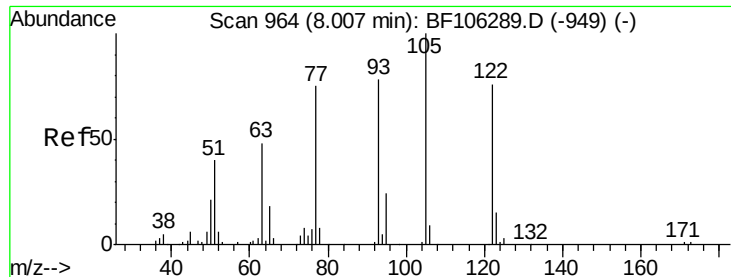


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 8.266 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106505.D

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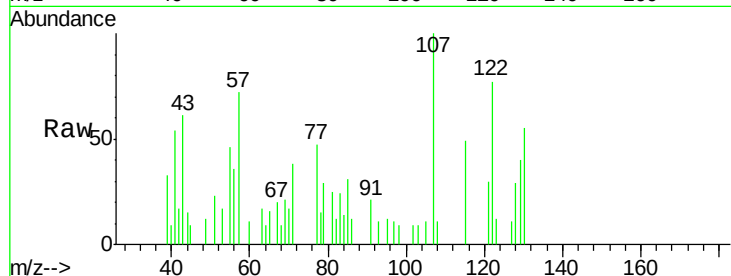
Tgt Ion:122 Resp: 4466

Ion Ratio Lower Upper

122 100

105 14.0 101.1 141.1#

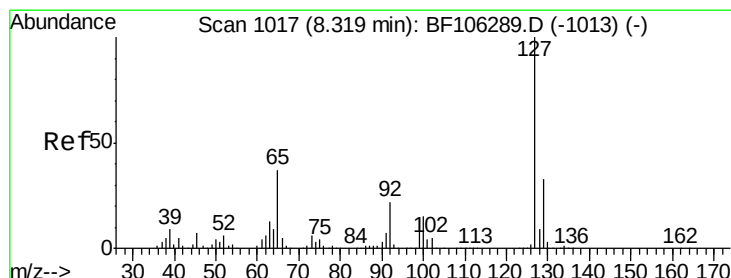
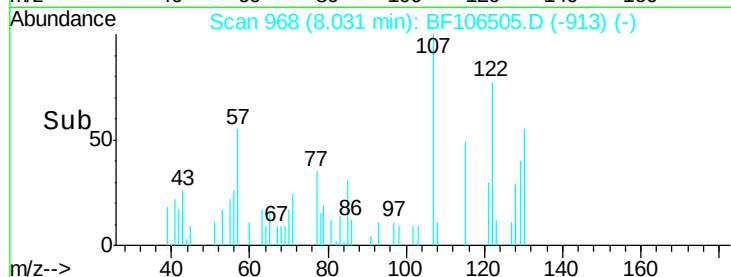
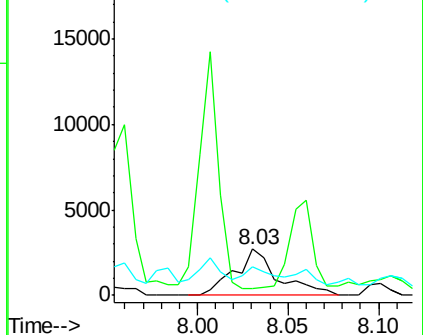
77 60.8 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 8.634 ng

RT: 8.27 min Scan# 1009

Delta R.T. -0.05 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Tgt Ion:127 Resp: 64680

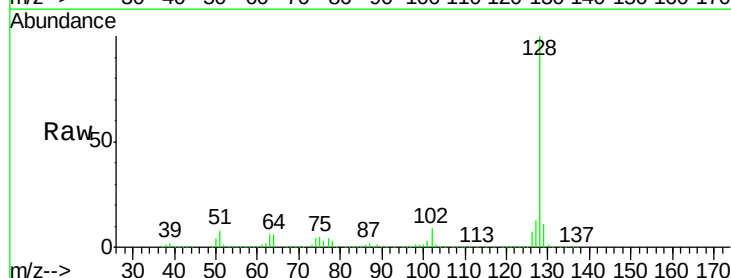
Ion Ratio Lower Upper

127 100

129 84.7 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

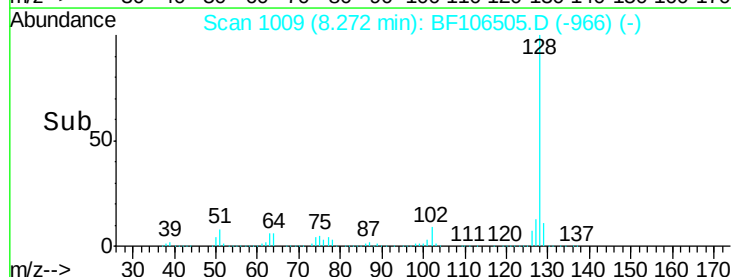
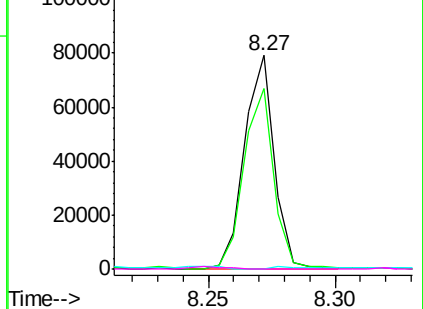


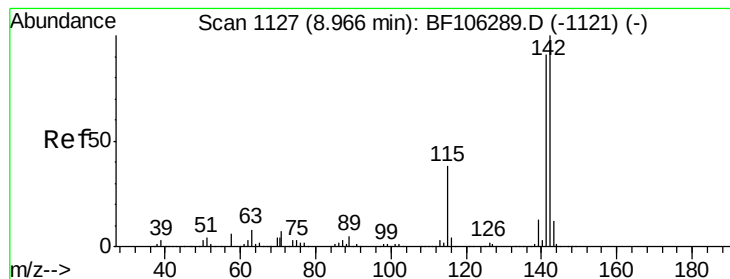
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 17.096 ng

RT: 8.96 min Scan# 1126

Delta R.T. -0.01 min

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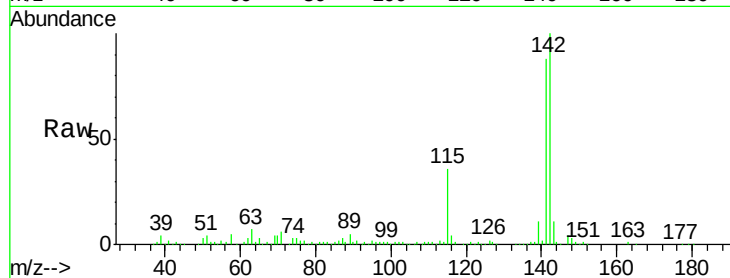
Tgt Ion:142 Resp: 196828

Ion Ratio Lower Upper

142 100

141 87.7 70.8 106.2

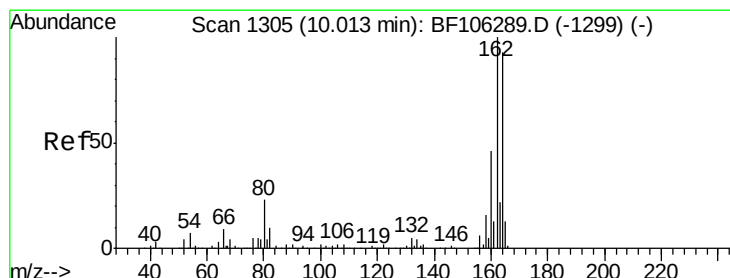
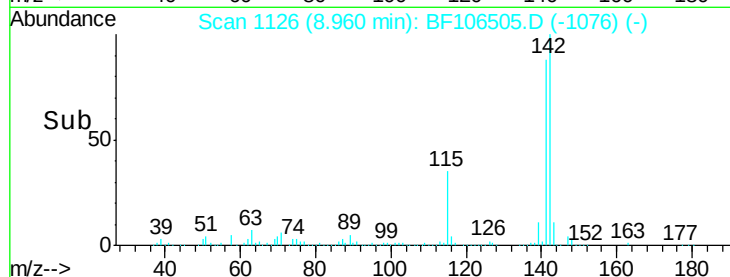
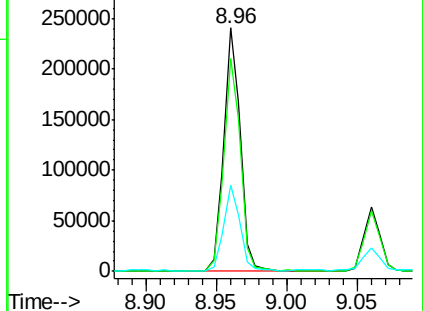
115 35.6 26.1 39.1



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: 10.01 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

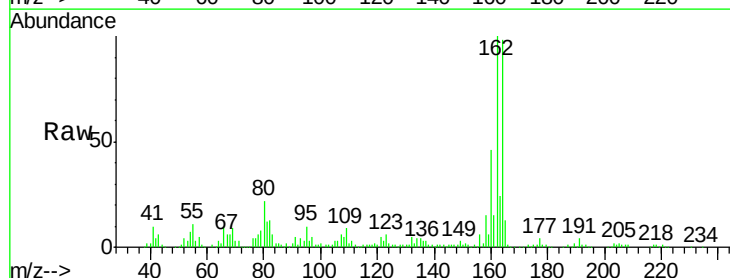
Tgt Ion:164 Resp: 147862

Ion Ratio Lower Upper

164 100

162 102.1 86.1 129.1

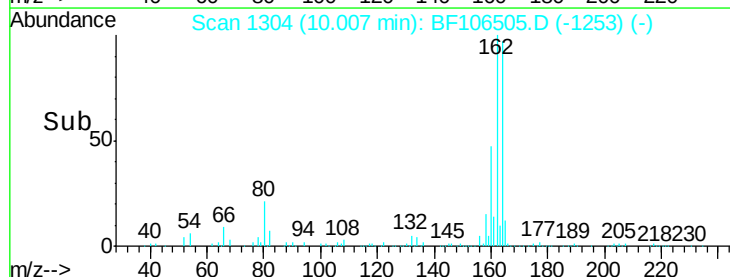
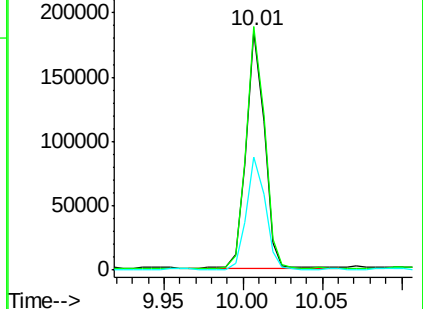
160 47.2 38.3 57.5

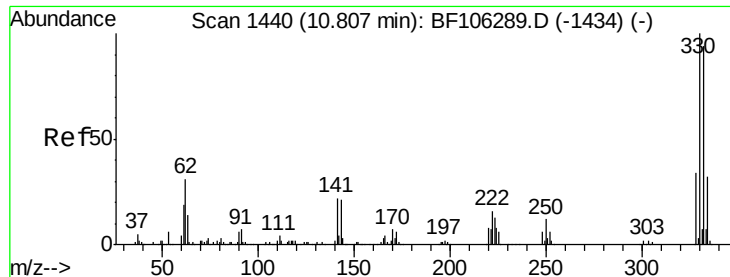


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

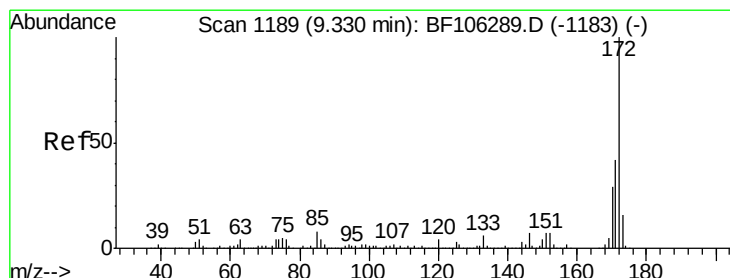
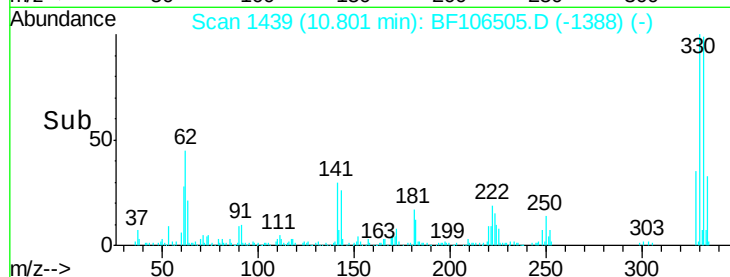
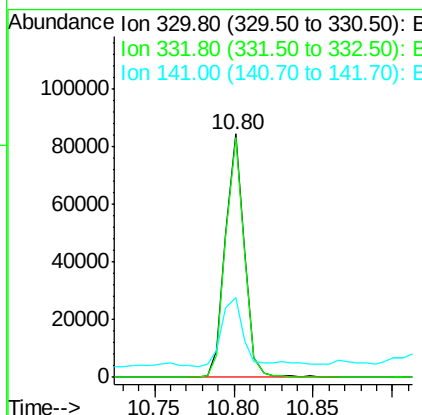
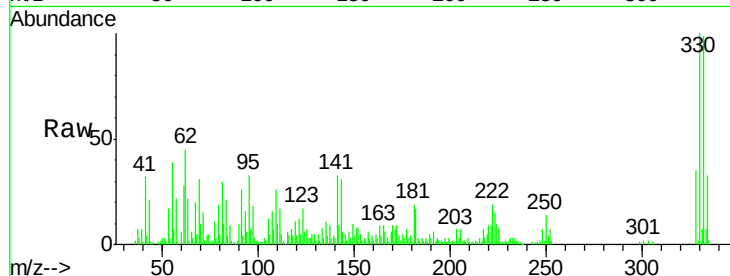




#41
 2,4,6-Tribromophenol
 Concen: 49.189 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

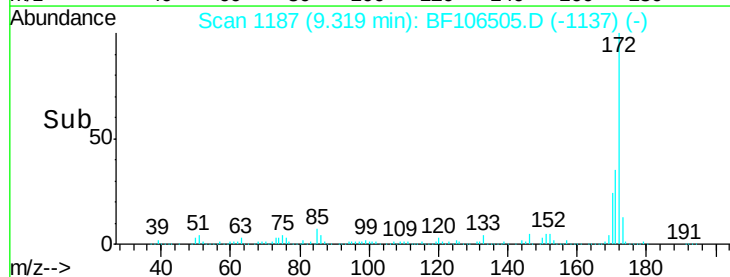
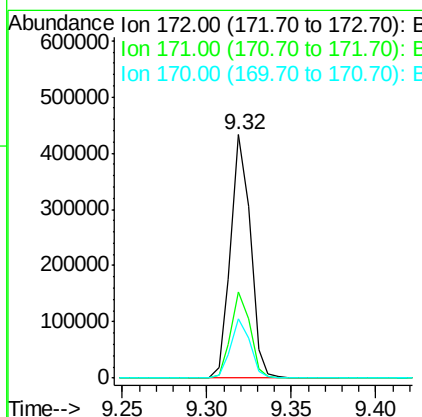
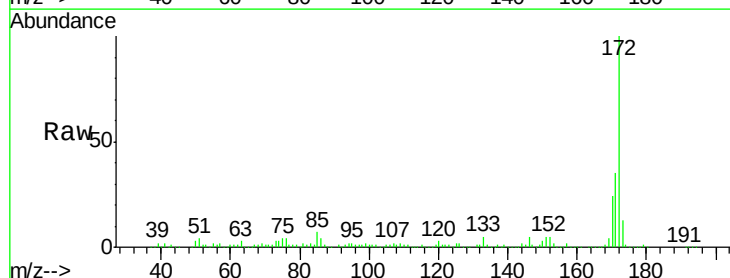
Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-7

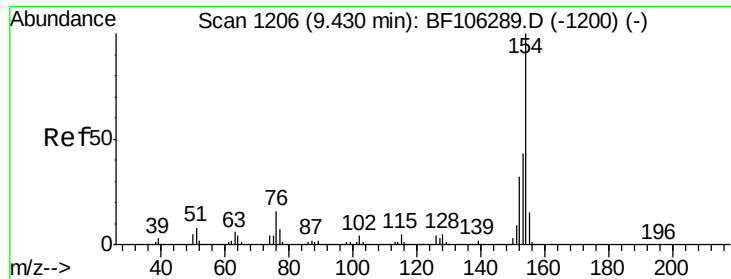
Tgt Ion:330 Resp: 69981
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 32.688 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

Tgt Ion:172 Resp: 353364
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 24.3 19.6 29.4





#45

1,1'-Biphenyl

Concen: 2.933 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

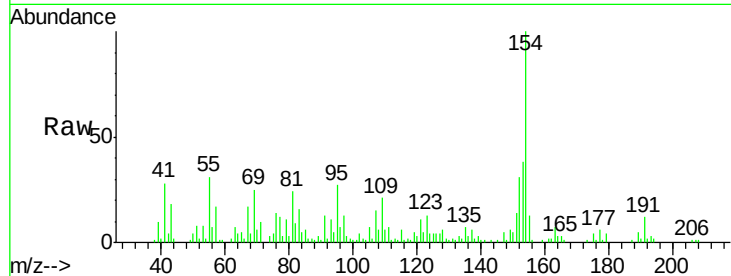
Tgt Ion:154 Resp: 33591

Ion Ratio Lower Upper

154 100

153 37.6 21.3 61.3

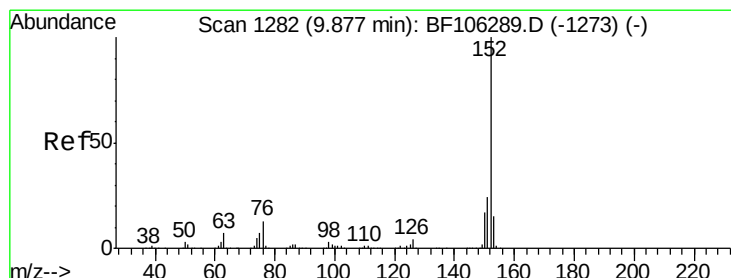
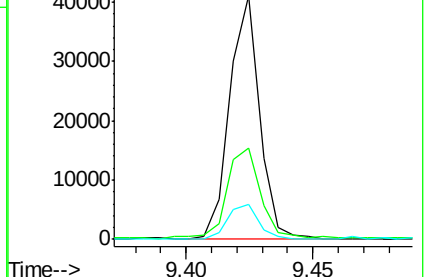
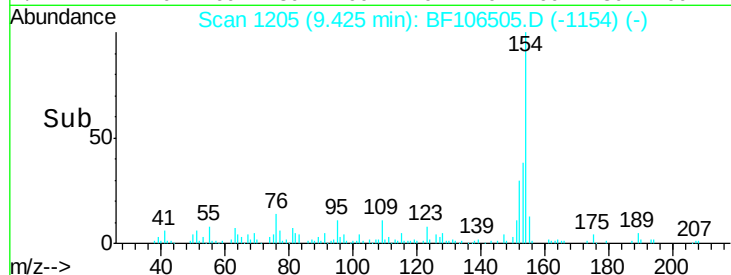
76 14.5 0.0 34.0



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: 5.422 ng

RT: 9.87 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

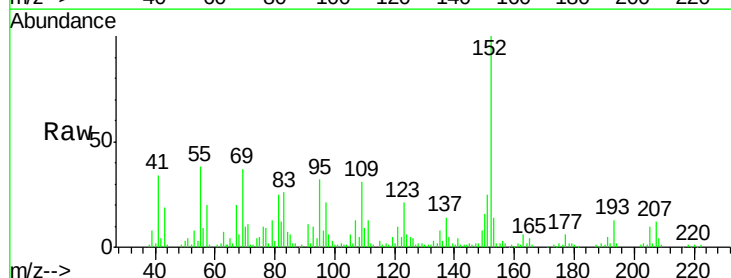
Tgt Ion:152 Resp: 76056

Ion Ratio Lower Upper

152 100

151 24.9 16.3 24.5#

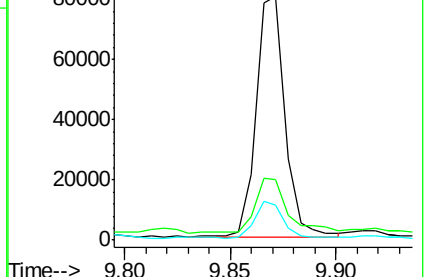
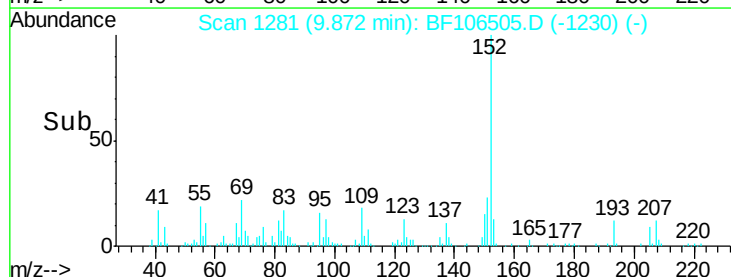
153 14.4 10.7 16.1

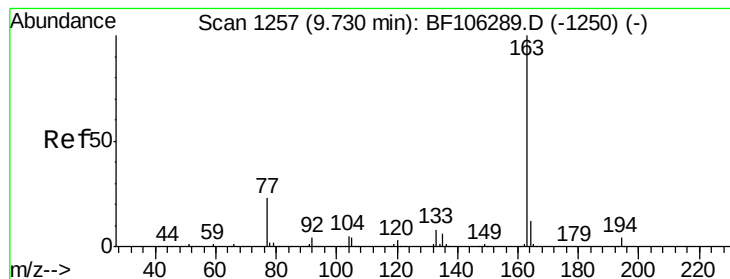


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 3.571 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

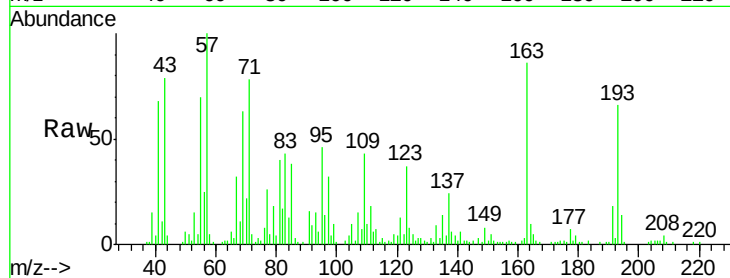
Tgt Ion:163 Resp: 37719

Ion Ratio Lower Upper

163 100

194 16.5 2.7 4.1#

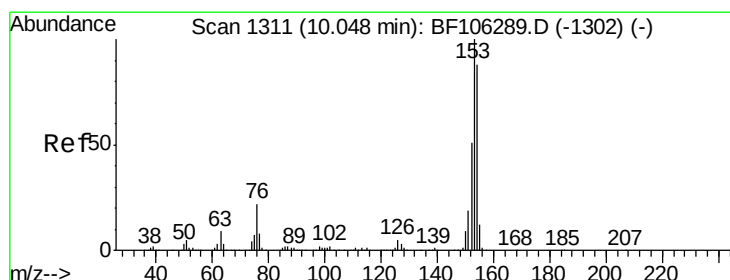
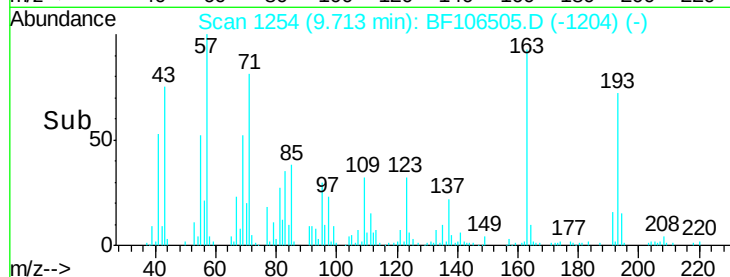
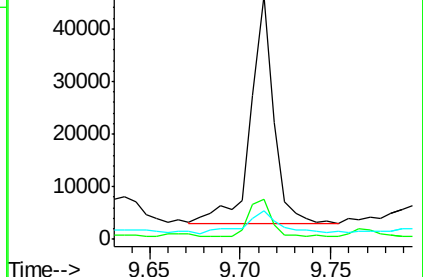
164 11.9 8.2 12.2



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: 3.321 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

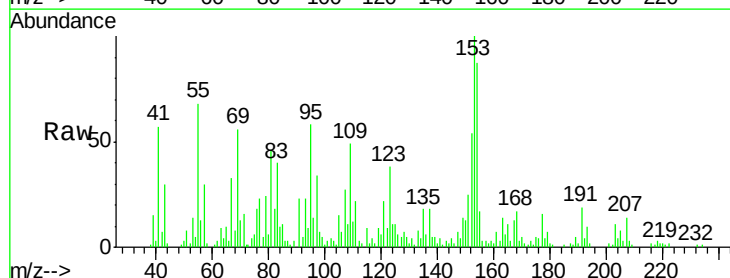
Tgt Ion:154 Resp: 30090

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

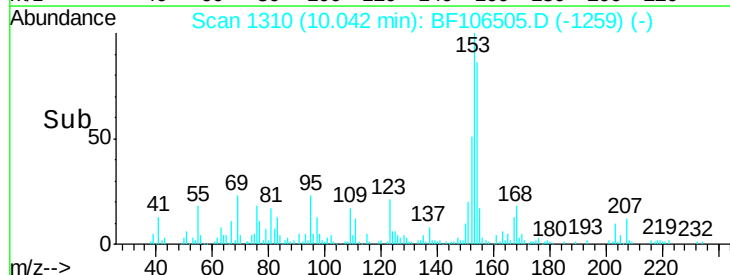
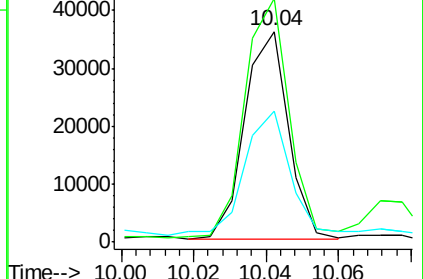
152 62.0 43.8 65.8

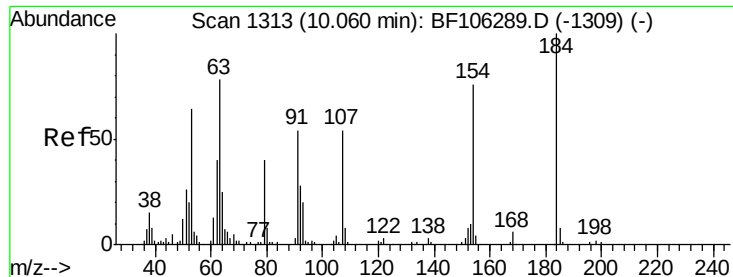


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

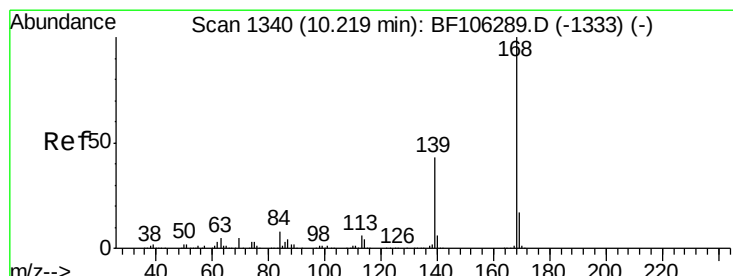
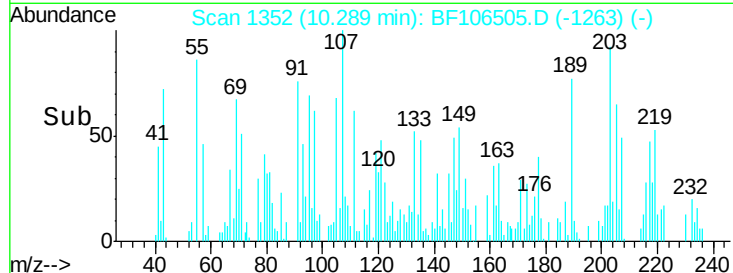
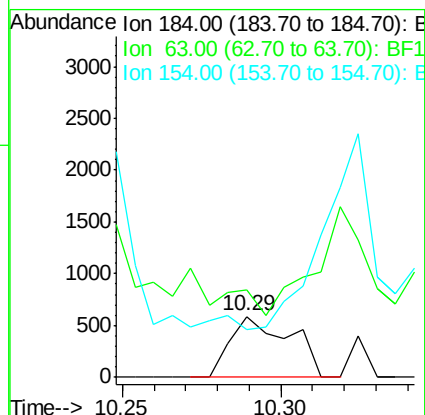
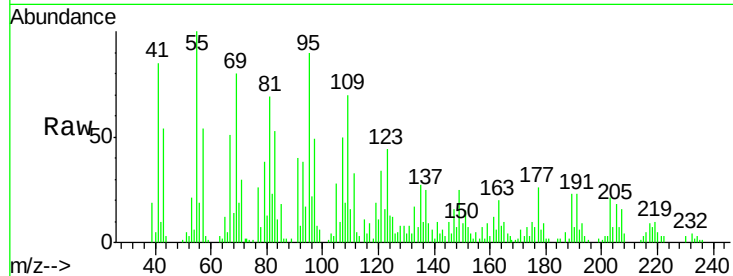




#53
2,4-Dinitrophenol
Concen: 9.307 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.22 min
Lab File: BF106505.D
Acq: 15 Jun 2018 21:12

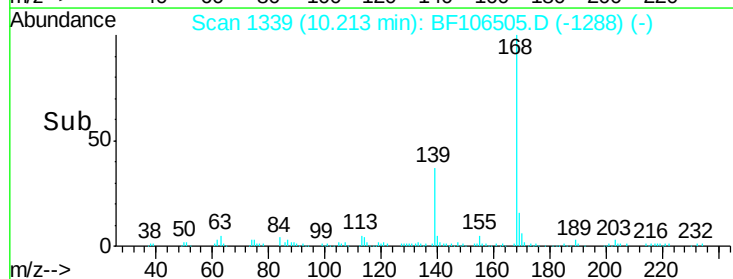
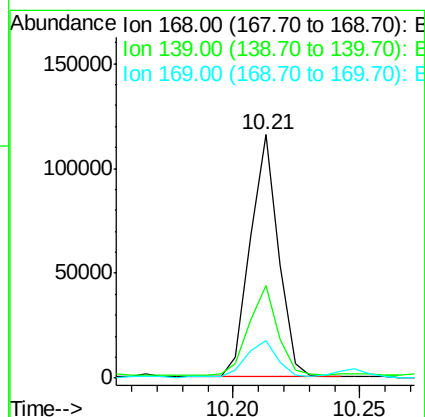
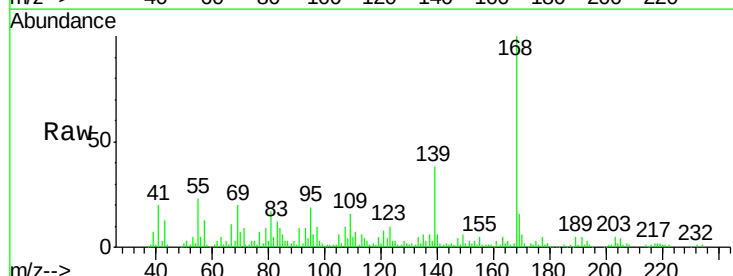
Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-7

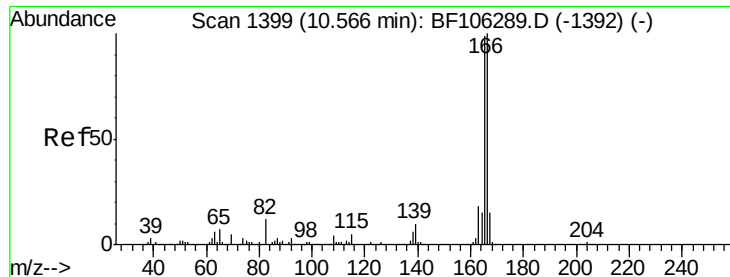
Tgt Ion:184 Resp: 769
Ion Ratio Lower Upper
184 100
63 145.3 54.2 81.2#
154 79.8 184.0 276.0#



#54
Dibenzofuran
Concen: 7.269 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106505.D
Acq: 15 Jun 2018 21:12

Tgt Ion:168 Resp: 88674
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 15.6 10.9 16.3

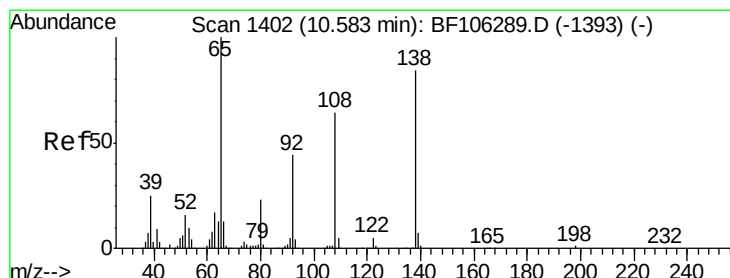
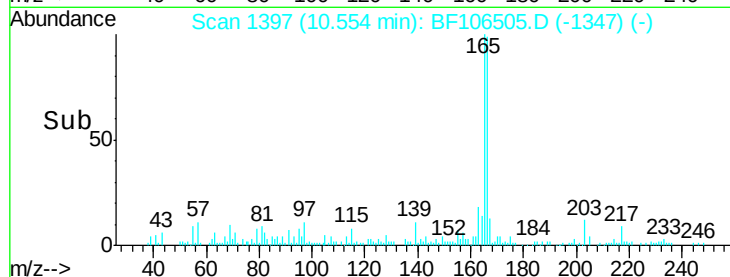
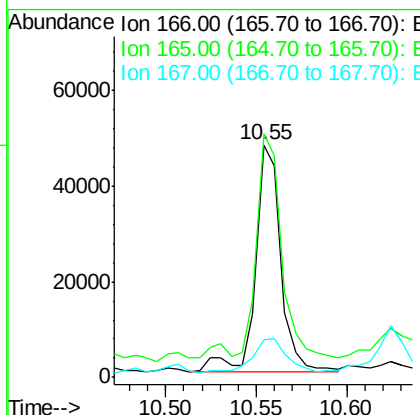
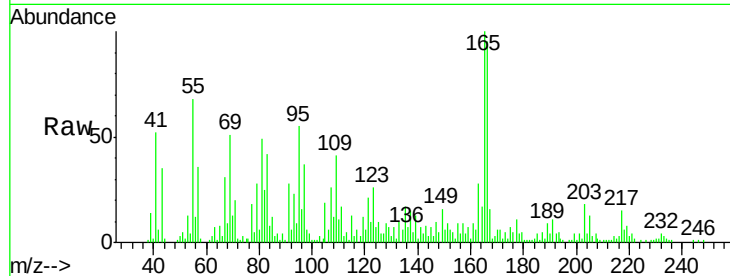




#57
Fluorene
 Concen: 4.751 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

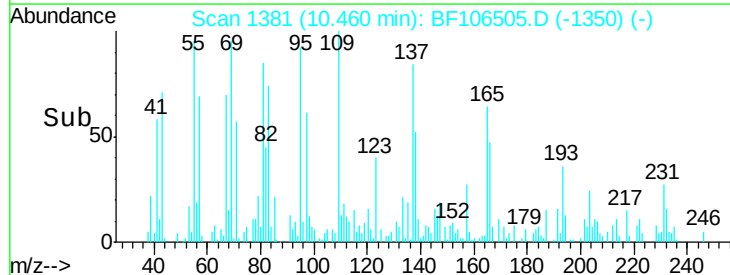
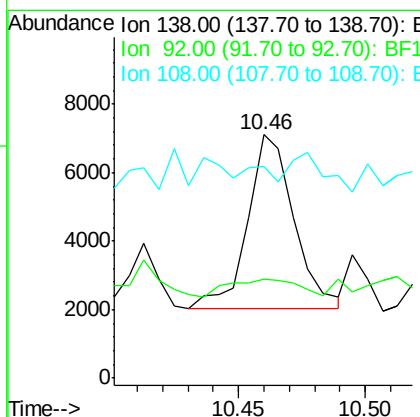
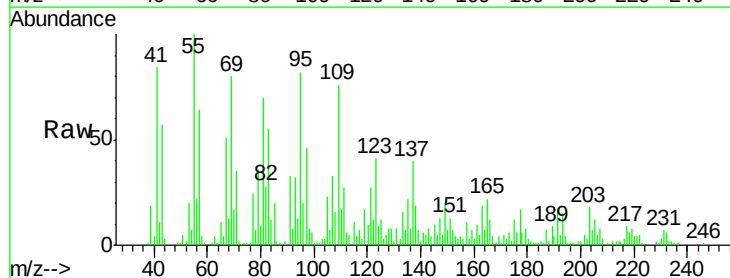
Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-7

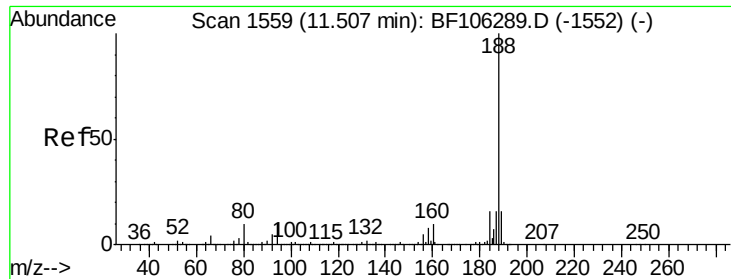
Tgt Ion:166 Resp: 45922
 Ion Ratio Lower Upper
 166 100
 165 104.9 79.8 119.8
 167 16.3 10.6 16.0#



#61
4-Nitroaniline
 Concen: 2.622 ng
 RT: 10.46 min Scan# 1381
 Delta R.T. -0.12 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

Tgt Ion:138 Resp: 6533
 Ion Ratio Lower Upper
 138 100
 92 40.4 30.2 70.2
 108 86.8 52.5 92.5

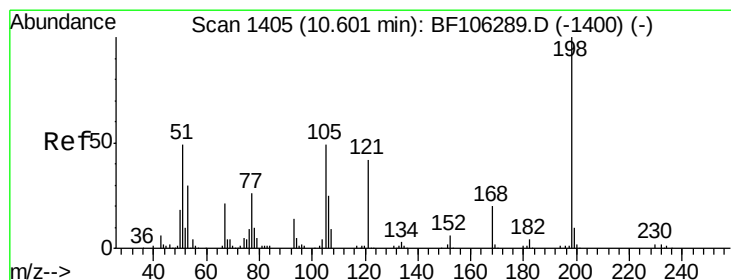
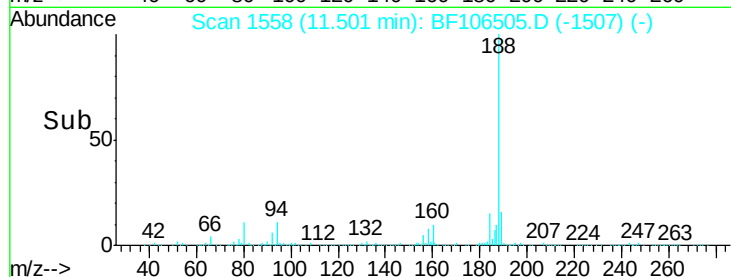
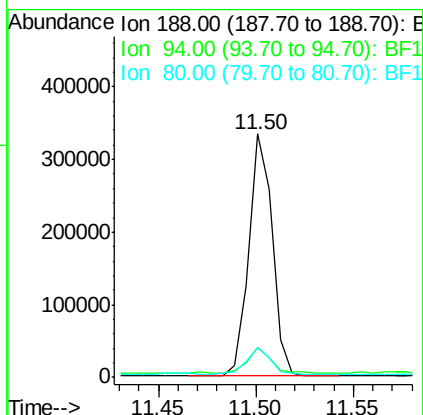
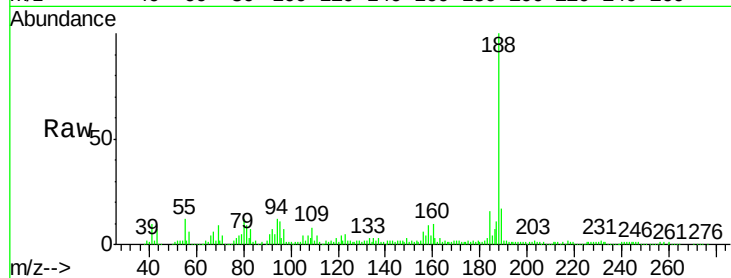




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF106505.D
Acq: 15 Jun 2018 21:12

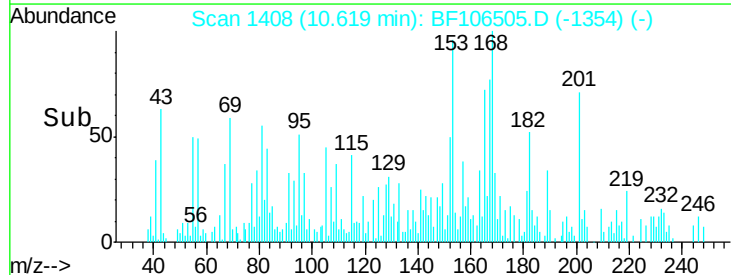
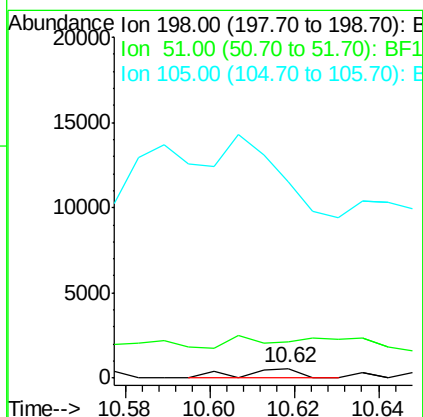
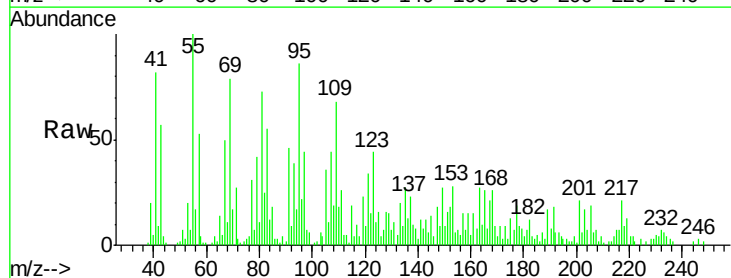
Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-7

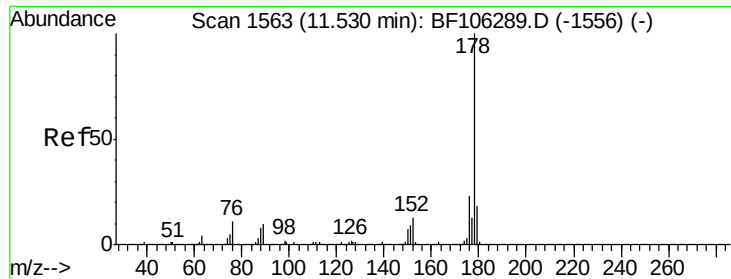
Tgt Ion:188 Resp: 276809
Ion Ratio Lower Upper
188 100
94 12.4 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.585 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.02 min
Lab File: BF106505.D
Acq: 15 Jun 2018 21:12

Tgt Ion:198 Resp: 499
Ion Ratio Lower Upper
198 100
51 381.0 37.7 77.7#
105 2061.8 36.3 76.3#





#70

Phenanthrene

Concen: 14.682 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

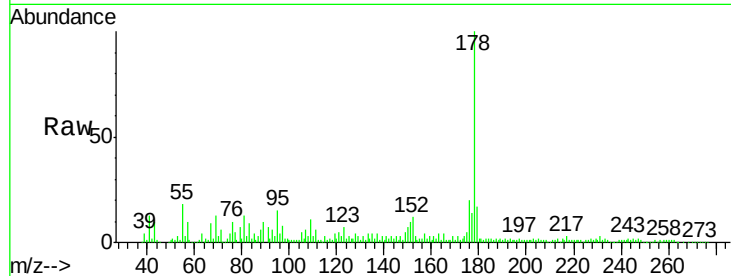
Tgt Ion:178 Resp: 199041

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

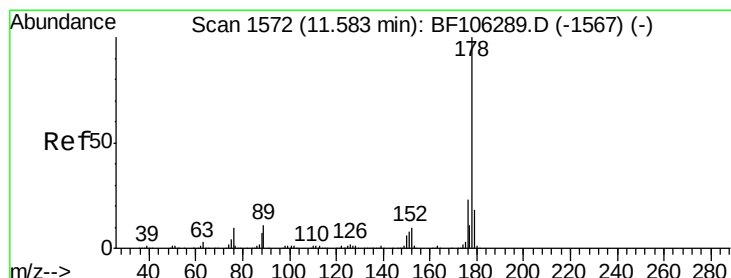
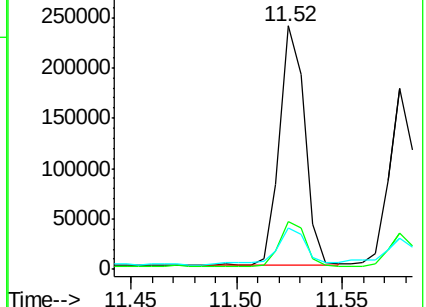
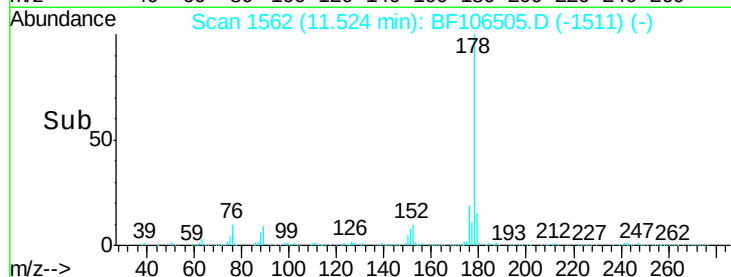
179 17.2 13.0 19.6



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: 10.592 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

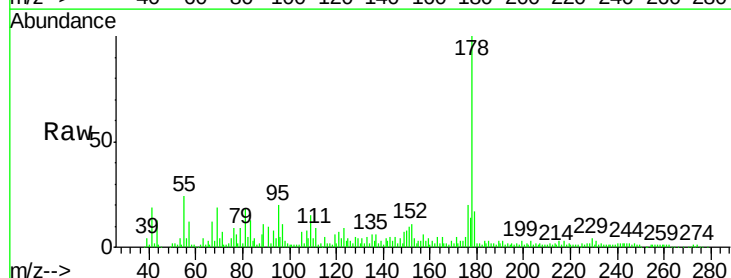
Tgt Ion:178 Resp: 143851

Ion Ratio Lower Upper

178 100

176 20.3 15.4 23.2

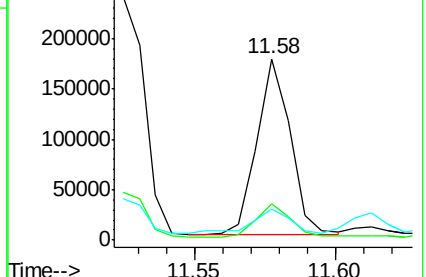
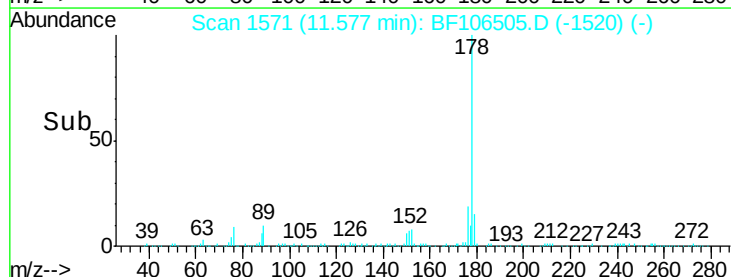
179 17.4 12.6 19.0

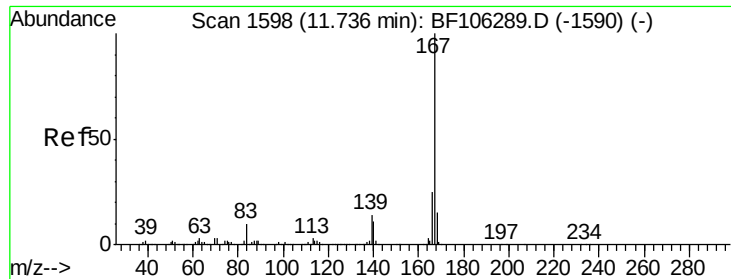


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.864 ng

RT: 11.74 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

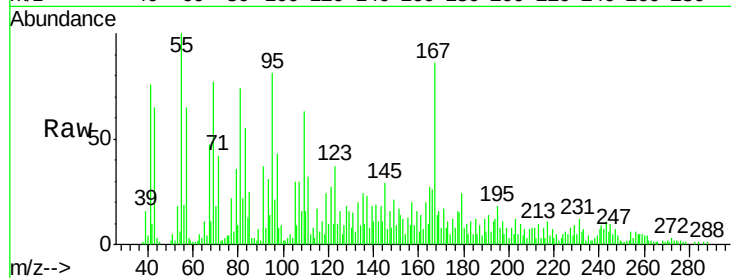
Tgt Ion:167 Resp: 35913

Ion Ratio Lower Upper

167 100

166 29.7 17.6 26.4#

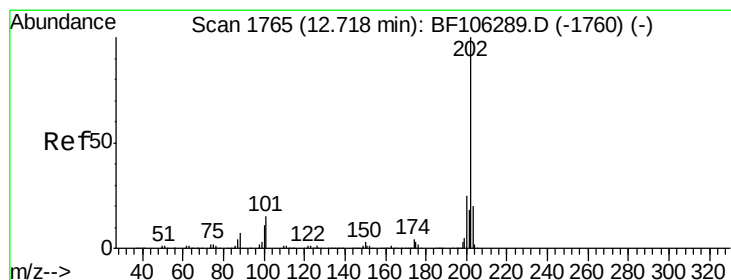
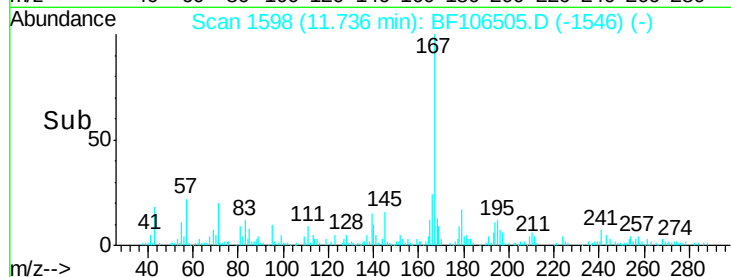
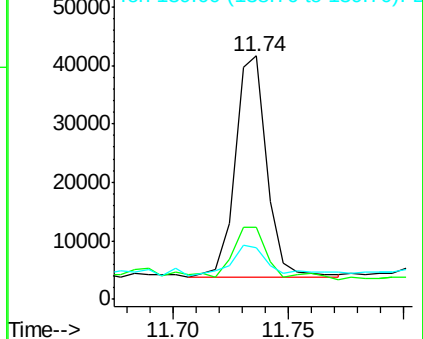
139 21.2 10.9 16.3#



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: 29.868 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

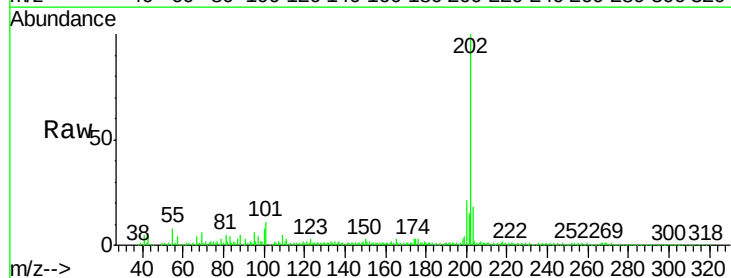
Tgt Ion:202 Resp: 431813

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

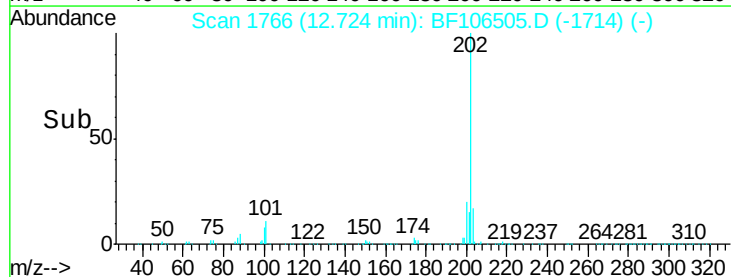
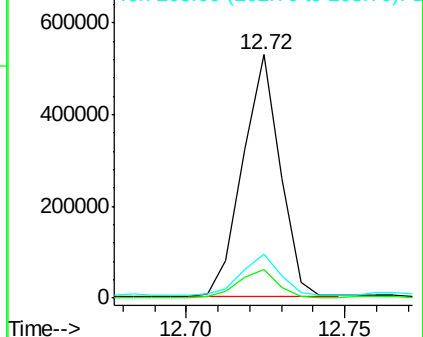
203 18.1 0.0 38.1

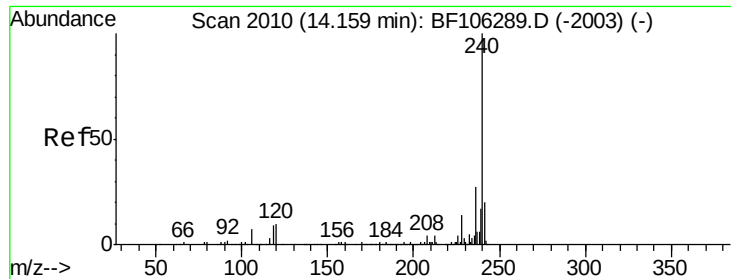


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

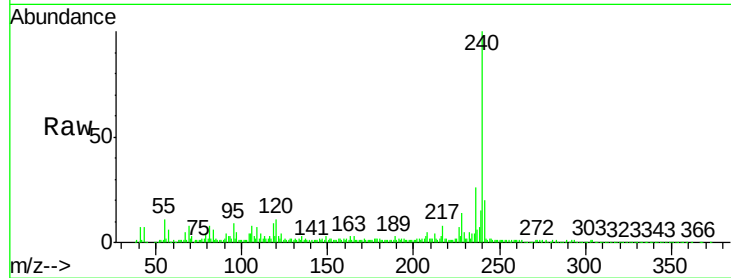
Tgt Ion:240 Resp: 294818

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

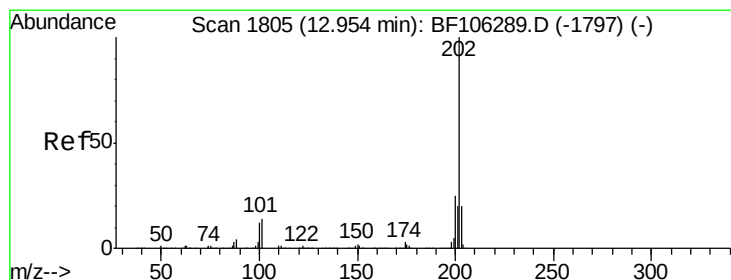
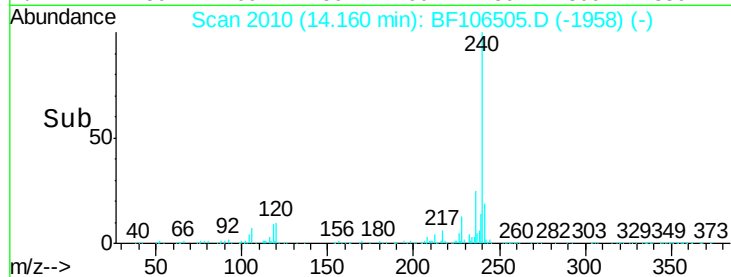
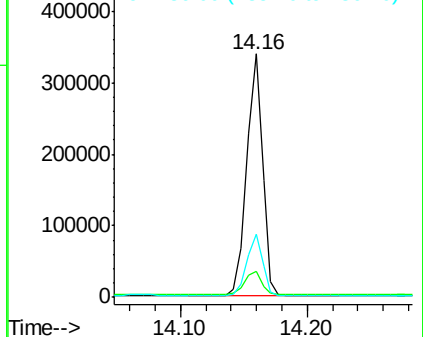
236 25.9 20.7 31.1



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: 28.168 ng

RT: 12.95 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

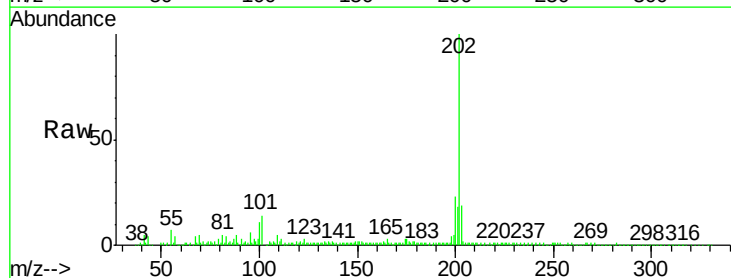
Tgt Ion:202 Resp: 519906

Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

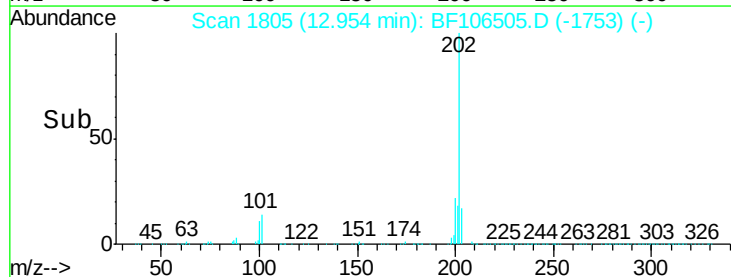
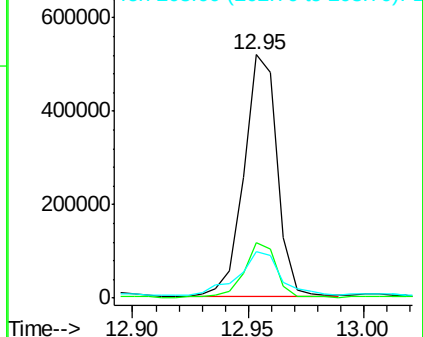
203 18.9 14.3 21.5

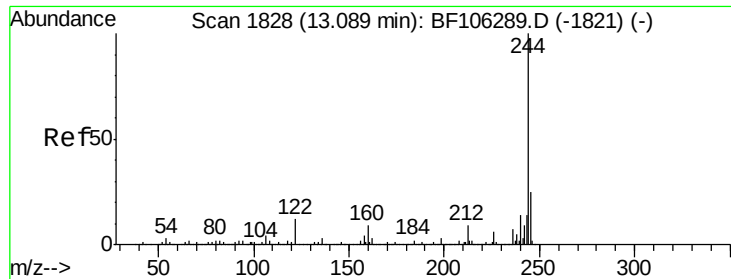


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

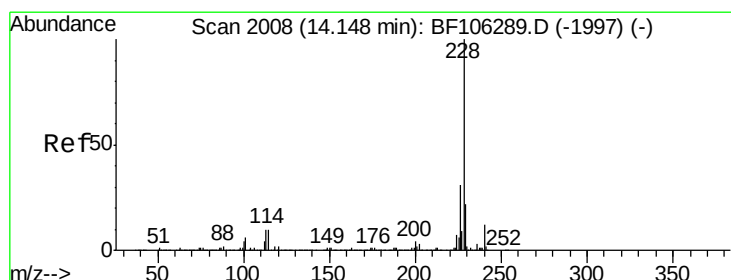
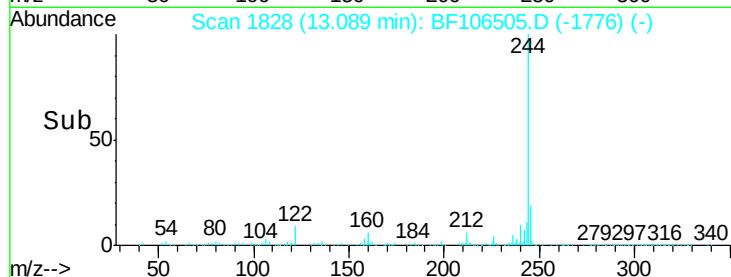
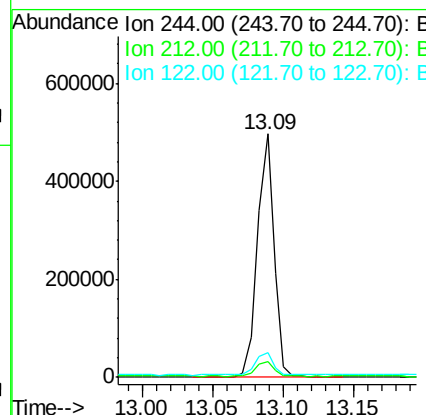
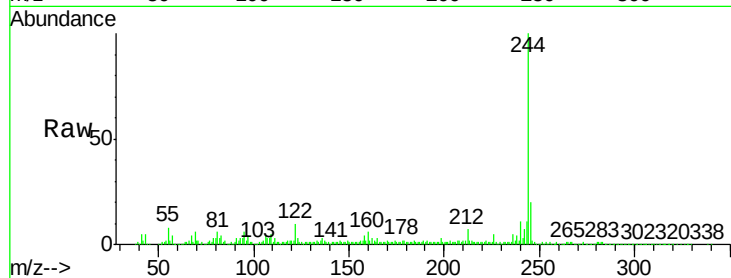




#78
 Terphenyl-d14
 Concen: 34.505 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

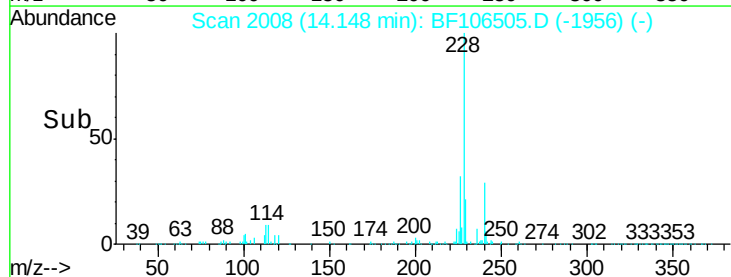
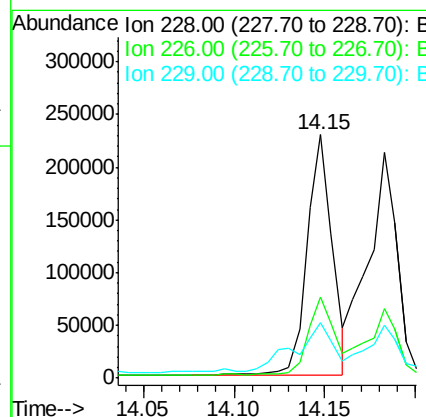
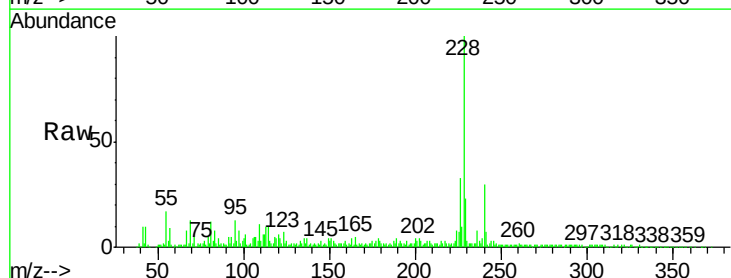
Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-7

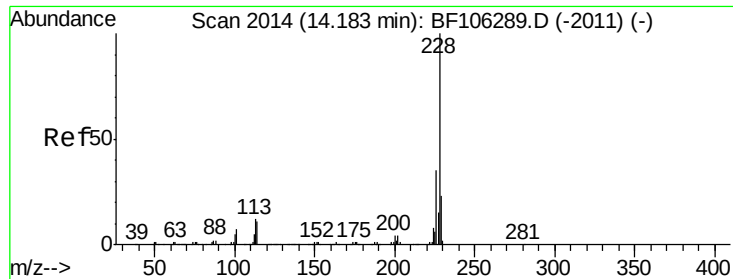
Tgt Ion:244 Resp: 409568
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.3 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 12.694 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF106505.D
 Acq: 15 Jun 2018 21:12

Tgt Ion:228 Resp: 222708
 Ion Ratio Lower Upper
 228 100
 226 33.1 22.6 33.8
 229 23.0 15.8 23.6





#82

Chrysene

Concen: 13.465 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

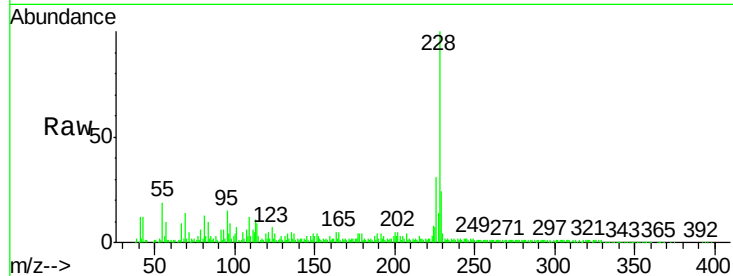
Tgt Ion:228 Resp: 215690

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

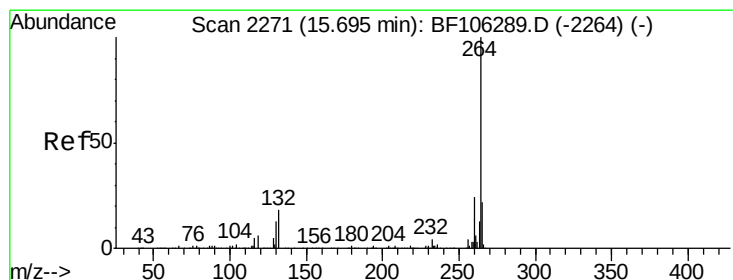
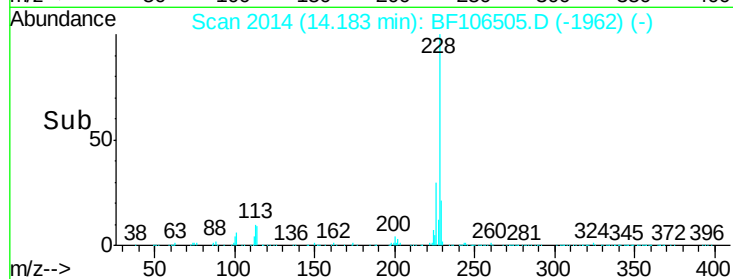
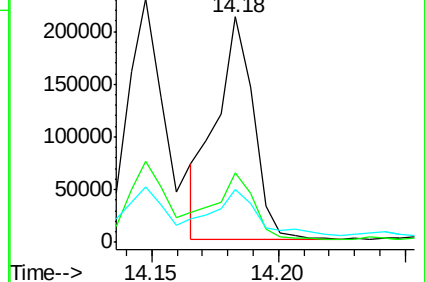
229 23.7 16.2 24.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2272

Delta R.T. 0.02 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

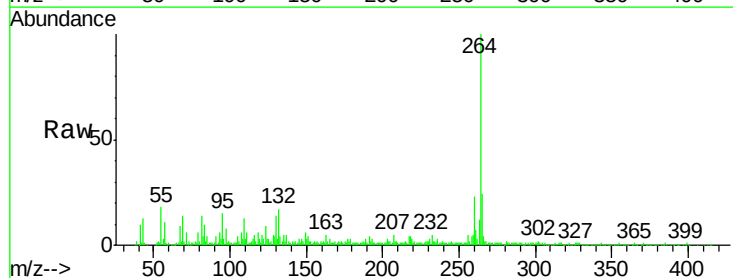
Tgt Ion:264 Resp: 208336

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

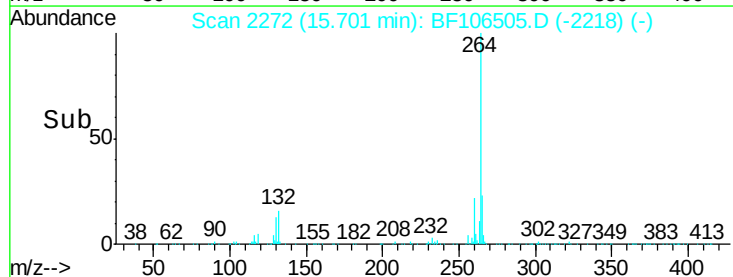
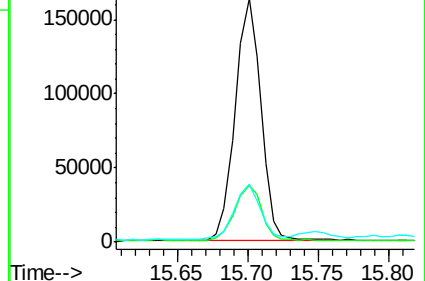
265 23.6 17.5 26.3

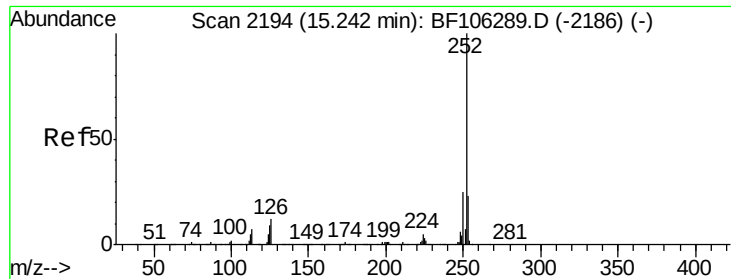


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 30.200 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

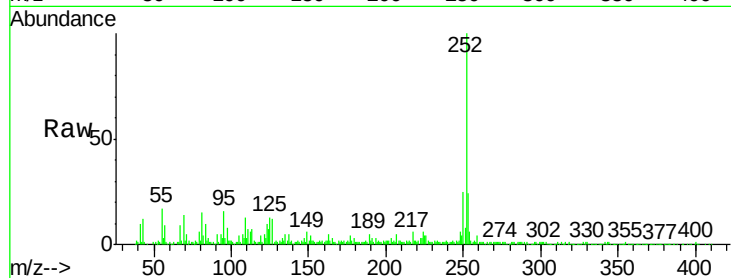
Instrument :

BNA_F

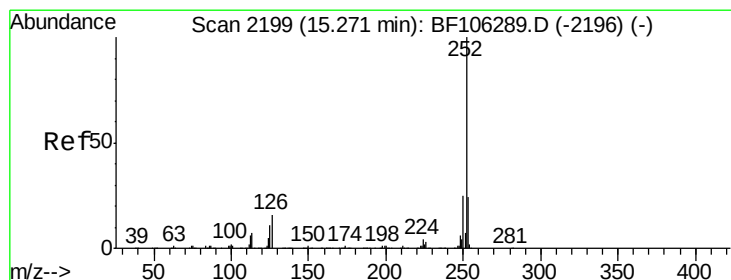
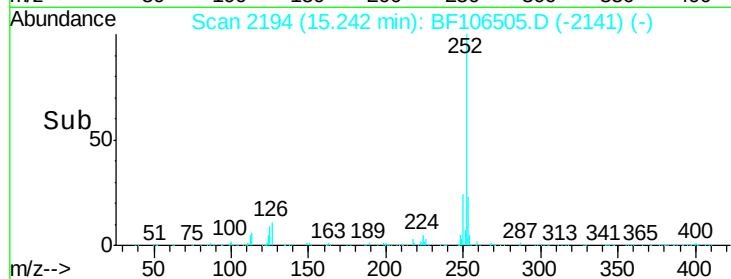
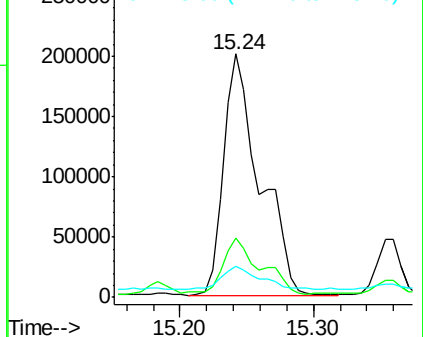
ClientSampleId :

DOCUMENTATION-7

Tgt Ion:	252	Resp:	380331
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	12.9	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: 30.500 ng

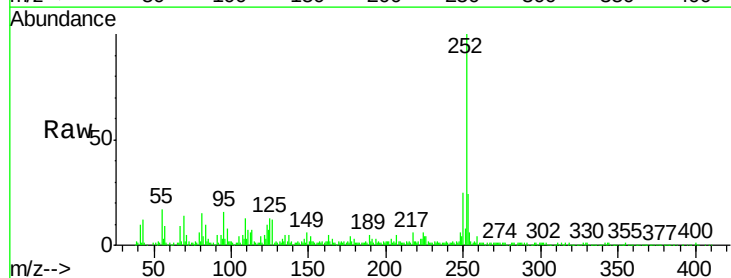
RT: 15.24 min Scan# 2194

Delta R.T. -0.02 min

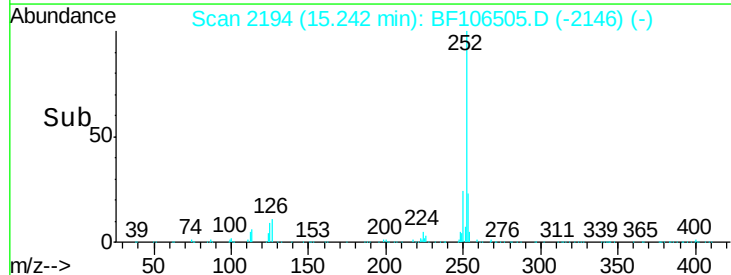
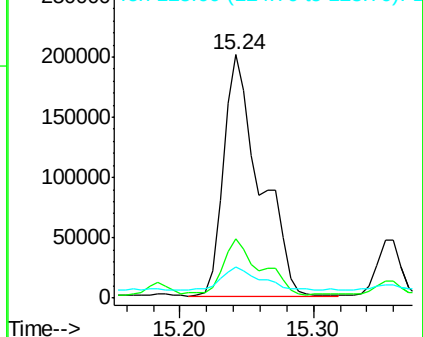
Lab File: BF106505.D

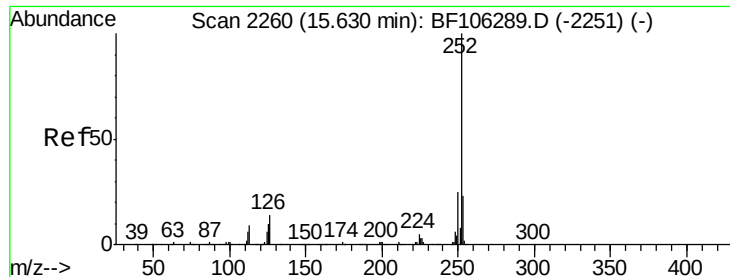
Acq: 15 Jun 2018 21:12

Tgt Ion:	252	Resp:	380411
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	12.9	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: 17.467 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

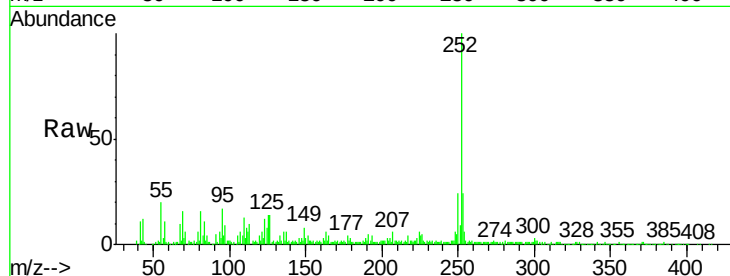
Tgt Ion:252 Resp: 197855

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

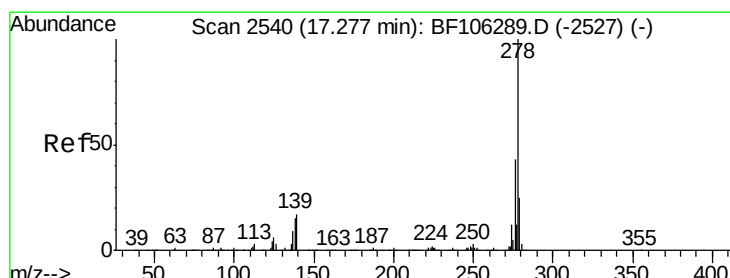
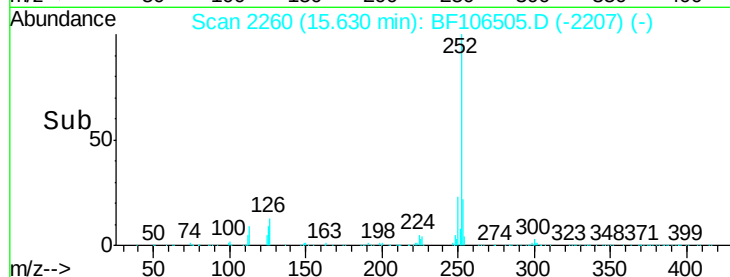
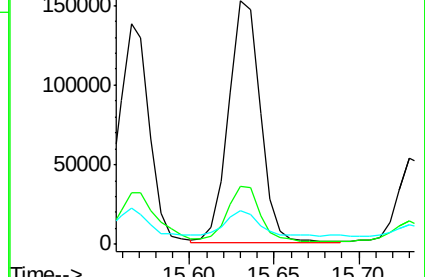
125 13.7 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.293 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

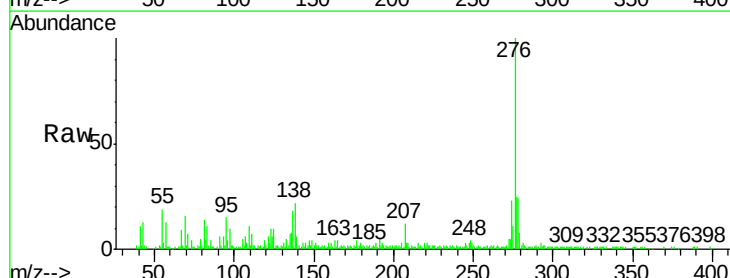
Tgt Ion:278 Resp: 31098

Ion Ratio Lower Upper

278 100

139 23.2 15.9 23.9

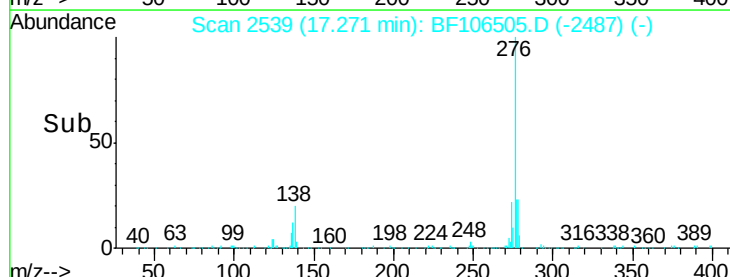
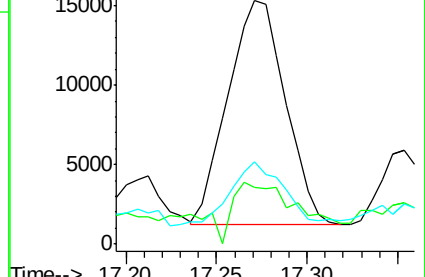
279 34.1 19.0 28.4#

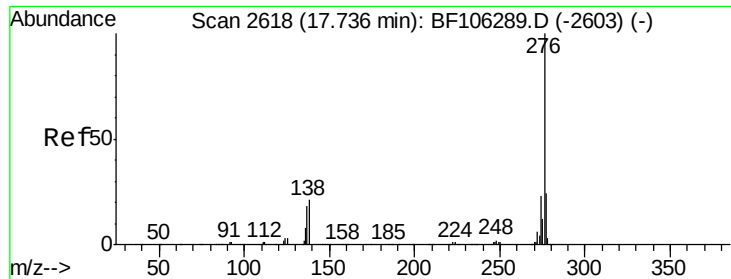


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 15.000 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF106505.D

Acq: 15 Jun 2018 21:12

Instrument :

BNA_F

ClientSampleId :

DOCUMENTATION-7

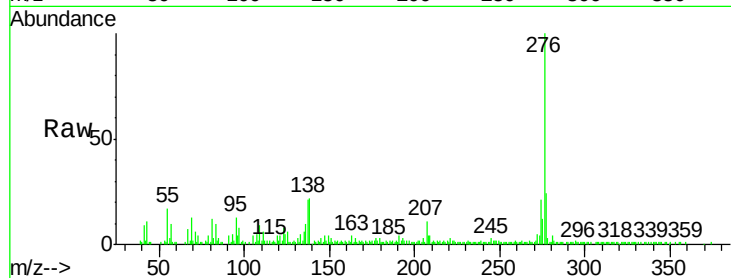
Tgt Ion:276 Resp: 137661

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 22.5 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

