

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107746.D
 Acq On : 27 Jul 2018 15:26
 Operator : JU/SJ
 Sample : J4143-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 17:08:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151018	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	630632	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	279550	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	472933	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	279134	20.00	ng	0.00
86) Perylene-d12	15.71	264	428425	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	956276	101.81	ng	-0.01
7) Phenol-d6	6.60	99	1255518	111.32	ng	-0.01
23) Nitrobenzene-d5	7.52	82	847437	90.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	383055	120.50	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1485577	93.52	ng	-0.02
78) Terphenyl-d14	13.08	244	1161725	106.55	ng	-0.02

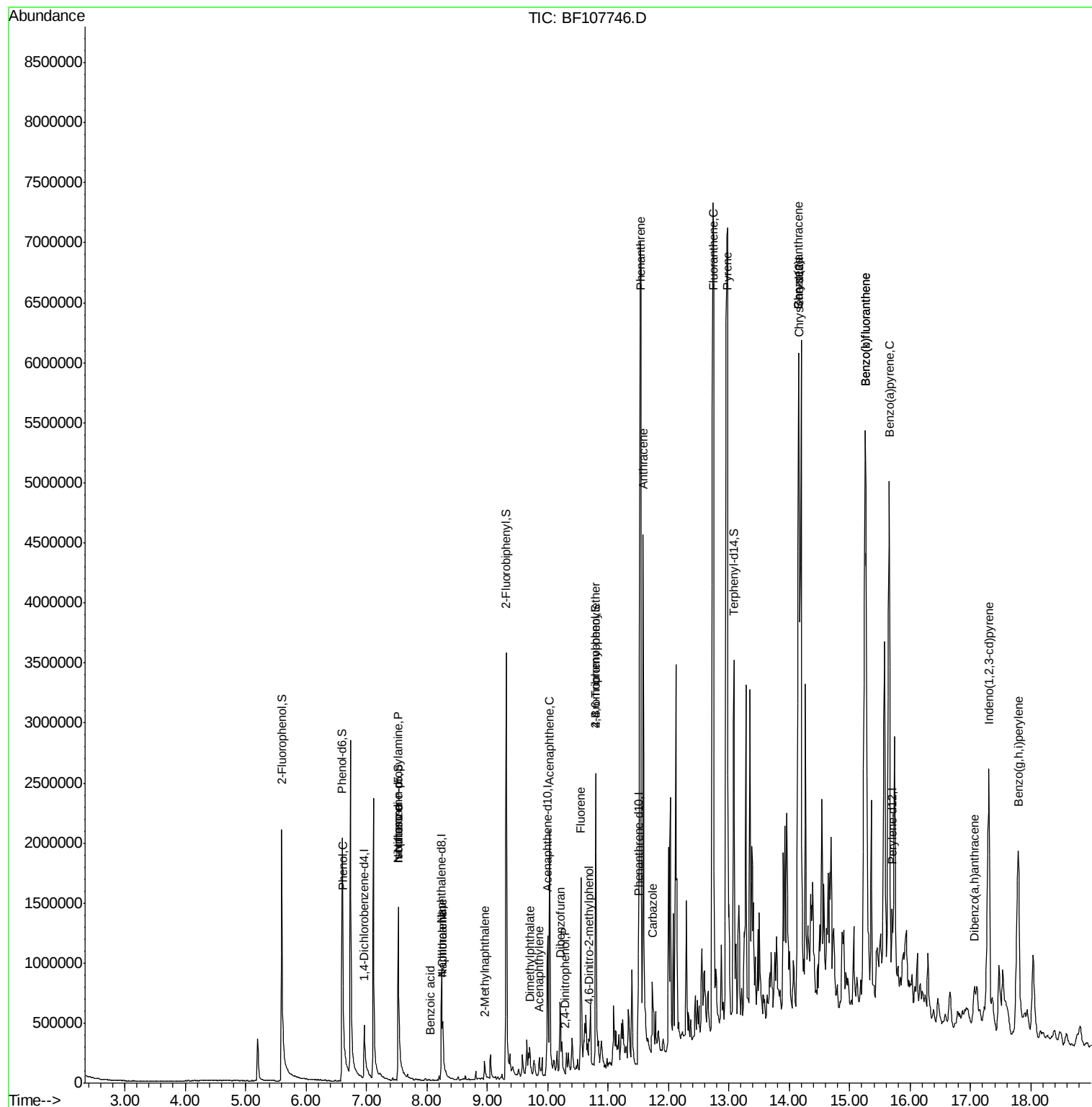
Target Compounds				Qvalue		
10) Phenol	6.61	94	51457	3.879	ng	# 24
19) n-Nitroso-di-n-propylamine	7.52	70	104694	14.369	ng	# 82
25) Isophorone	7.52	82	848491	42.527	ng	# 64
31) Naphthalene	8.27	128	281049	10.135	ng	# 99
32) Benzoic acid	8.06	122	1468	8.105	ng	# 68
33) 4-Chloroaniline	8.27	127	35830	2.956	ng	# 32
37) 2-Methylnaphthalene	8.95	142	77254	4.020	ng	# 98
48) Acenaphthylene	9.87	152	84632	3.027	ng	# 97
49) Dimethylphthalate	9.71	163	110185	5.230	ng	# 97
51) Acenaphthene	10.03	154	525837	30.014	ng	# 99
53) 2,4-Dinitrophenol	10.29	184	159	8.391	ng	# 74
54) Dibenzofuran	10.21	168	339749	13.172	ng	# 100
57) Fluorene	10.55	166	669056	36.360	ng	# 95
64) 4,6-Dinitro-2-methylphenol	10.67	198	109	8.720	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22525	4.046	ng	# 1
70) Phenanthrene	11.54	178	4579543	198.712	ng	# 93
71) Anthracene	11.58	178	2225906	95.928	ng	# 97
72) Carbazole	11.74	167	323960	13.426	ng	# 98
73) Di-n-butylphthalate	12.04	149	35152	Below Cal		# 37
74) Fluoranthene	12.74	202	6001884	242.694	ng	# 94
77) Pyrene	12.97	202	5296379	277.398	ng	# 92
80) Benzo(a)anthracene	14.15	228	3516840	214.995	ng	# 92
81) 3,3'-Dichlorobenzidine	14.11	252	1246	Below Cal		# 33
82) Chrysene	14.15	228	3516840	223.813	ng	# 96
85) Indeno(1,2,3-cd)pyrene	17.31	276	2271719	170.582	ng	# 85
87) Benzo(b)fluoranthene	15.26	252	5864470	250.114	ng	# 94
88) Benzo(k)fluoranthene	15.26	252	5864470	255.290	ng	# 96
89) Benzo(a)pyrene	15.66	252	3518818	164.063	ng	# 94
90) Dibenzo(a,h)anthracene	17.07	278	378672	20.424	ng	# 93
91) Benzo(g,h,i)perylene	17.79	276	1992178	108.935	ng	# 91

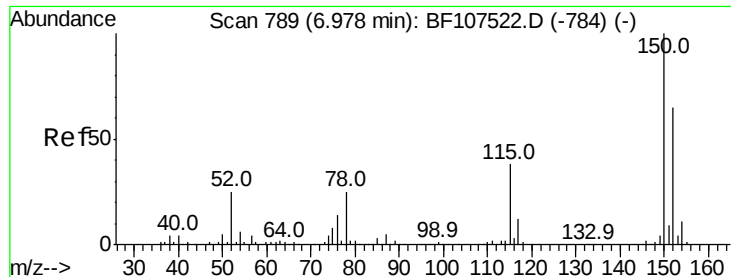
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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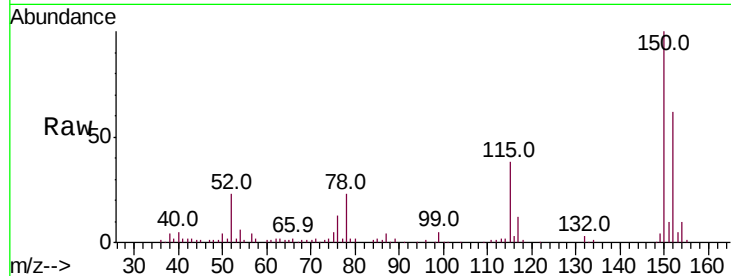


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	61.0	50.1	75.1

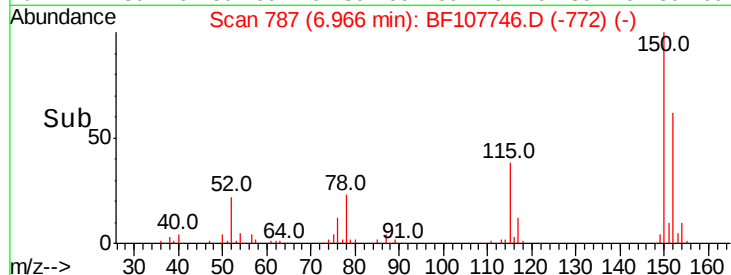
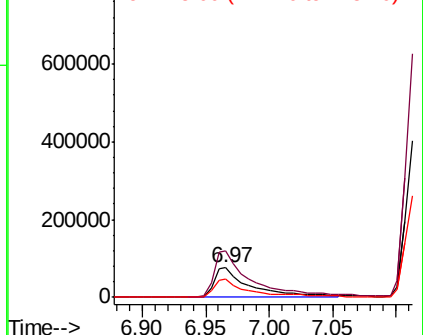


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

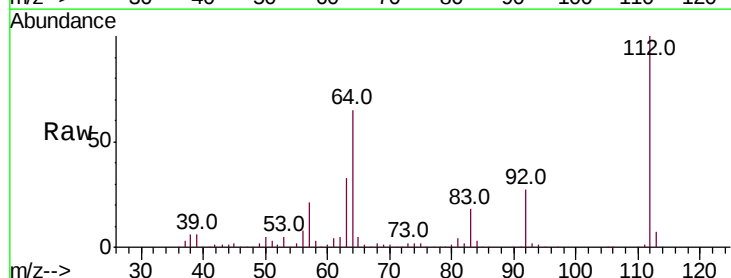
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.810 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.2	23.7	35.5

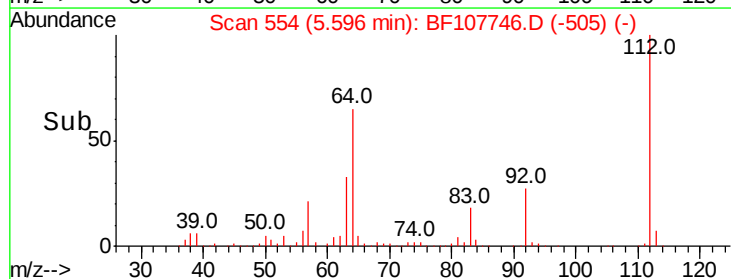
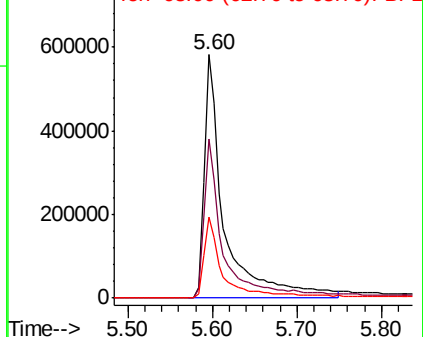


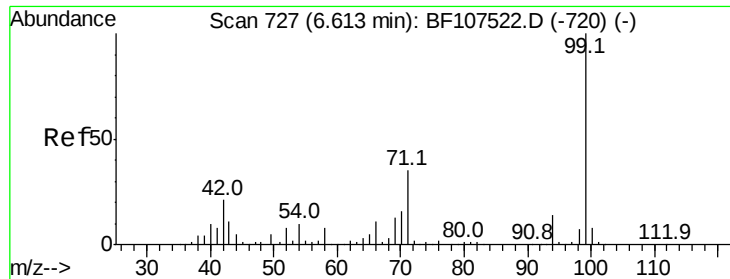
Abundance

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: 111.322 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

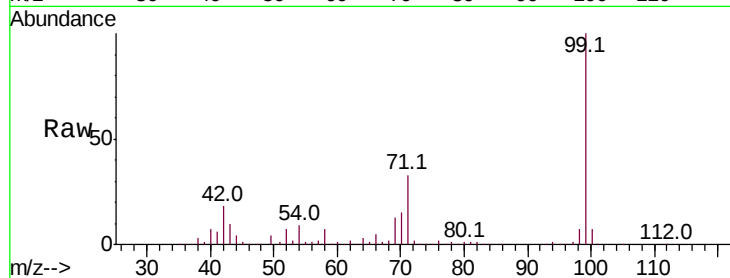
Tot Ion: 99 Resp: 125518

Ion Ratio Lower Upper

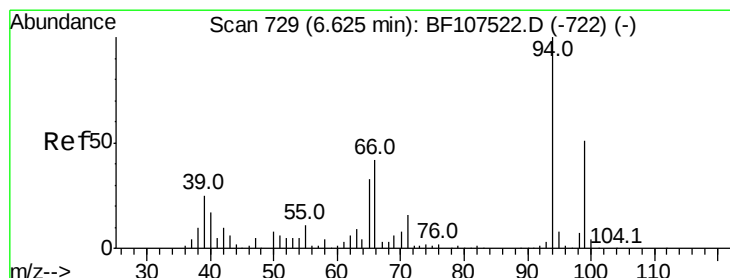
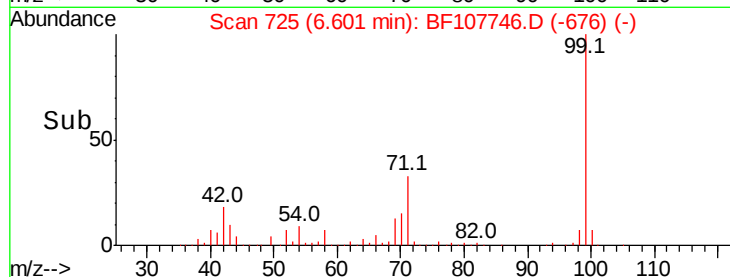
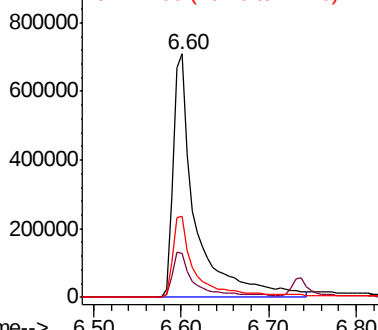
99 100

42 18.3 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.879 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

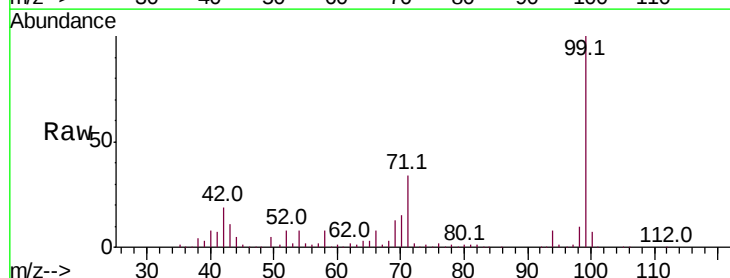
Tgt Ion: 94 Resp: 51457

Ion Ratio Lower Upper

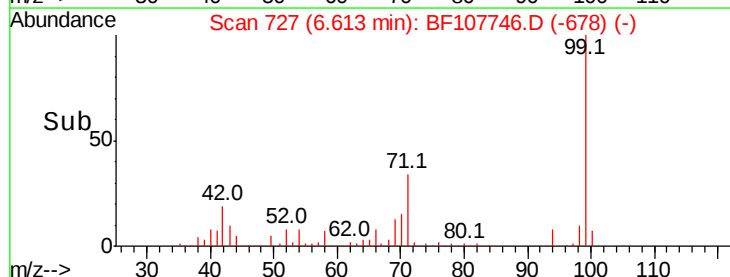
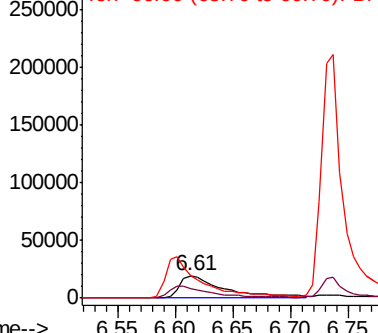
94 100

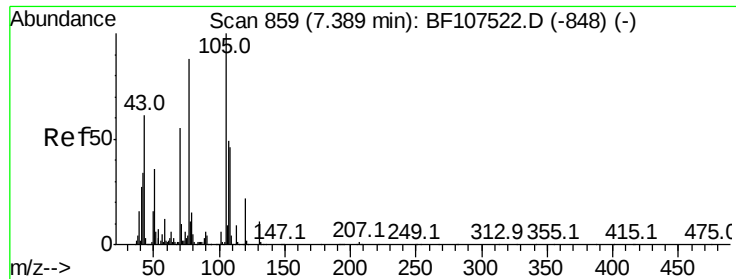
65 44.0 7.9 47.9

66 101.4 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

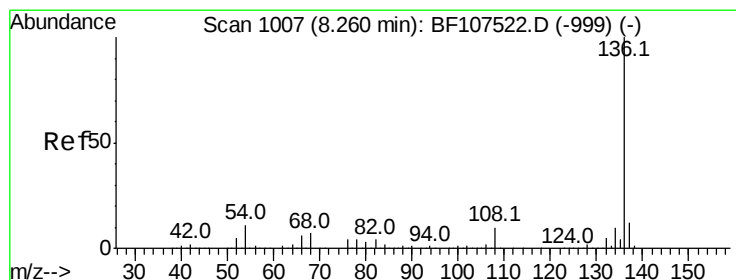
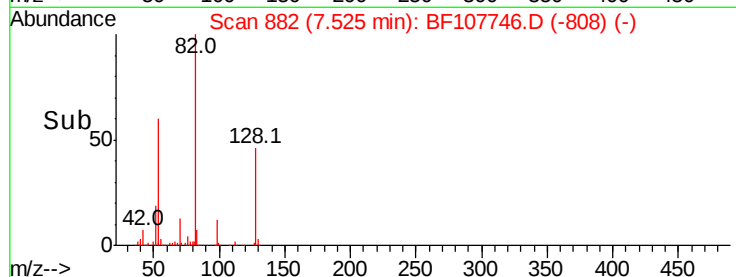
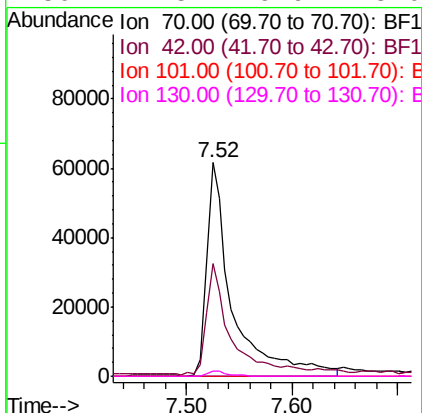
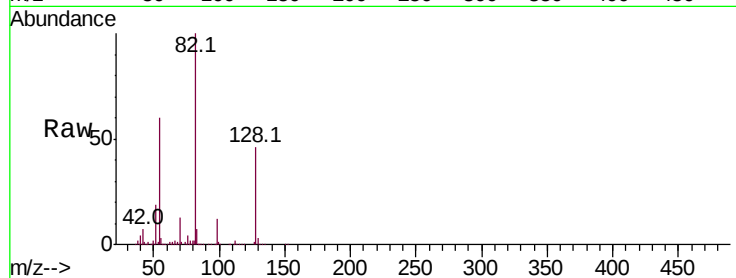




#19
n-Nitroso-di-n-propylamine
Concen: 14.369 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

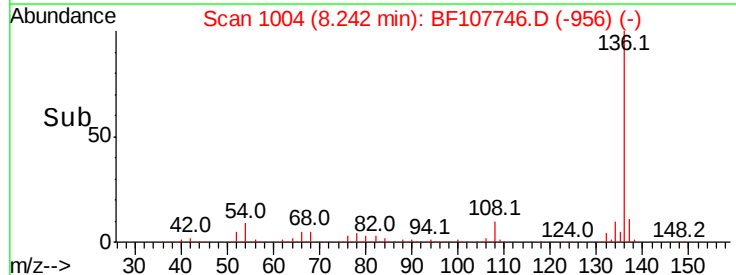
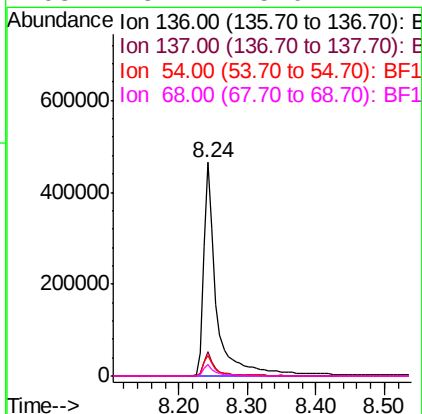
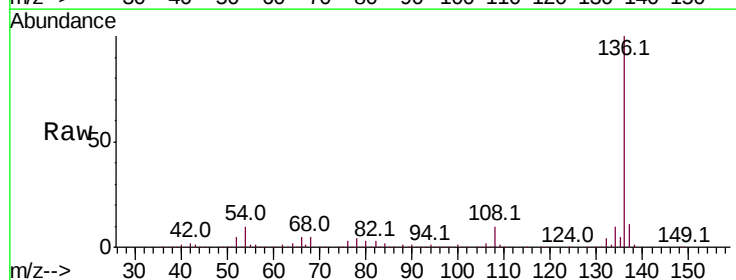
Instrument :
BNA_F
ClientSampleId :

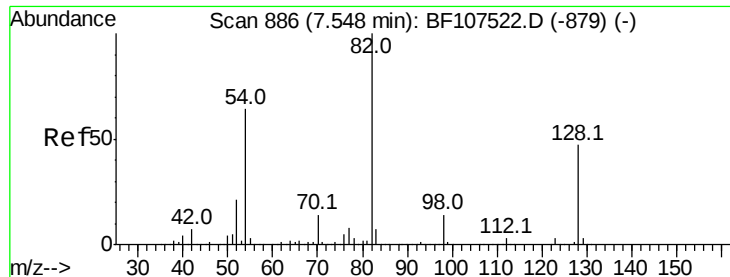
Tot Ion: 70 Resp: 104694
Ion Ratio Lower Upper
70 100
42 52.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion: 136 Resp: 630632
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.6 6.6 9.8
68 5.2 5.0 7.4

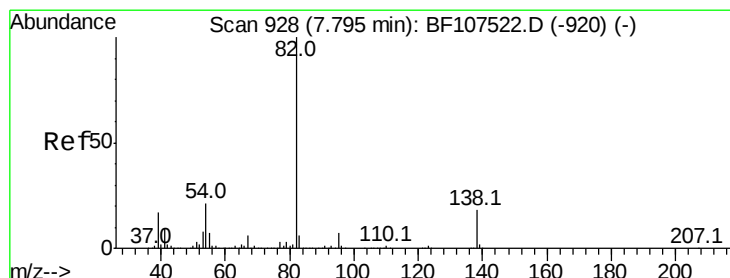
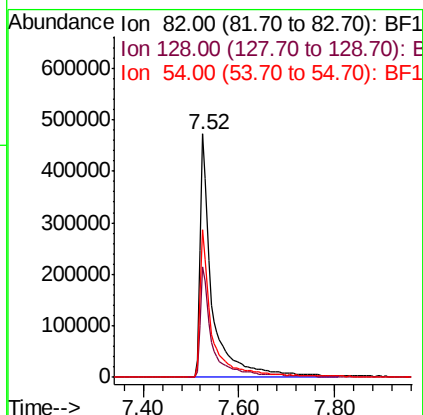
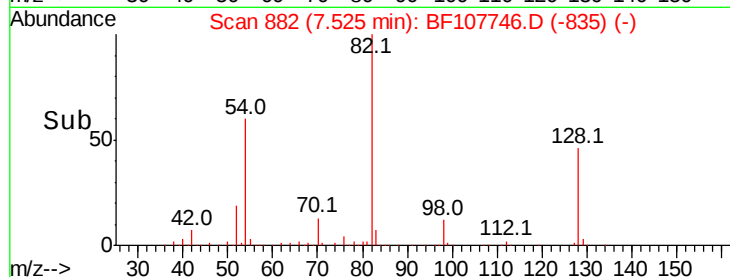
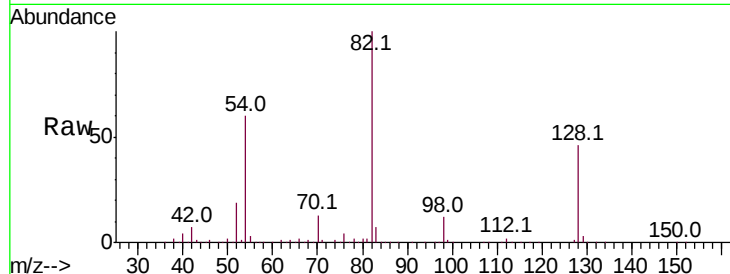




#23
Nitrobenzene-d5
Concen: 90.689 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

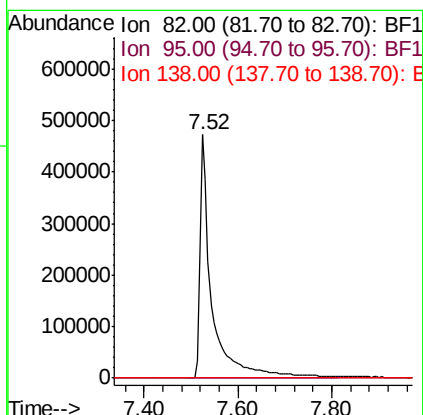
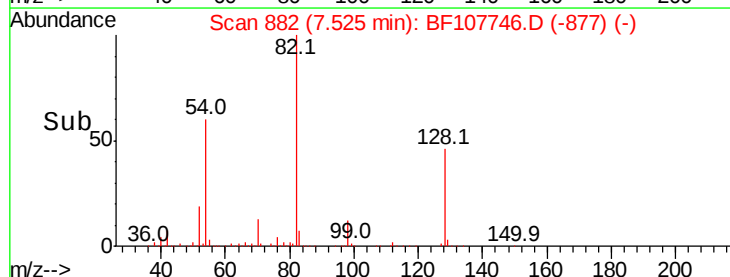
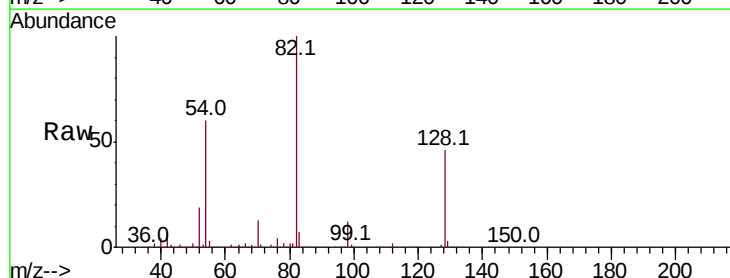
Instrument :
BNA_F
ClientSampleID :

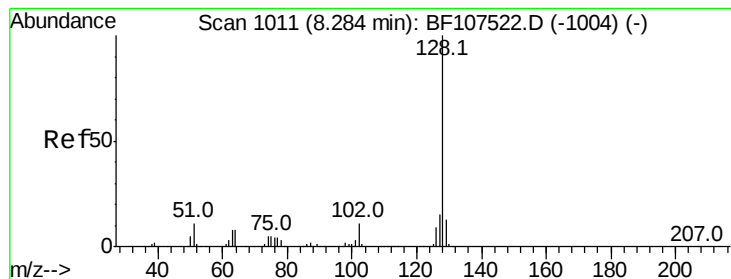
Tot Ion: 82 Resp: 847437
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 60.5 41.4 62.2



#25
Isophorone
Concen: 42.527 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion: 82 Resp: 848491
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#31

Naphthalene

Concen: 10.135 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

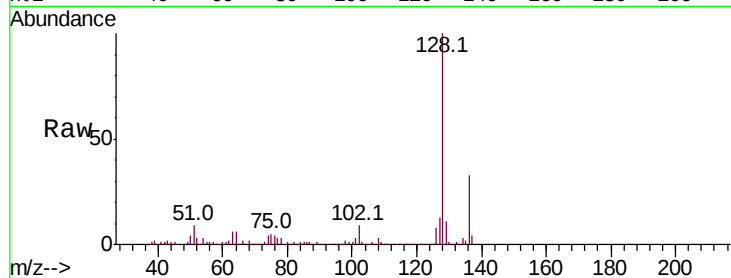
Tot Ion:128 Resp: 281049

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

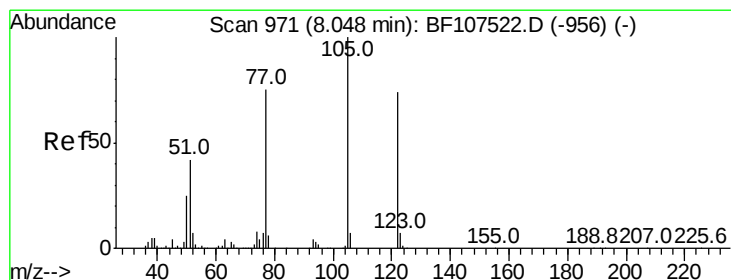
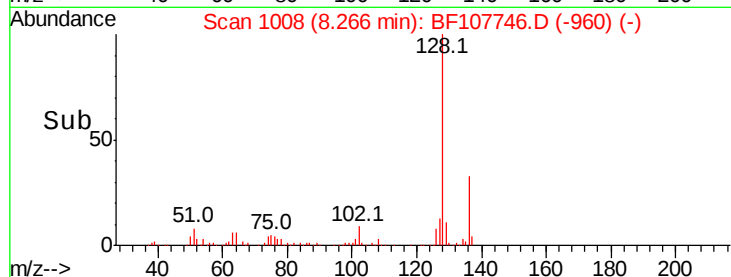
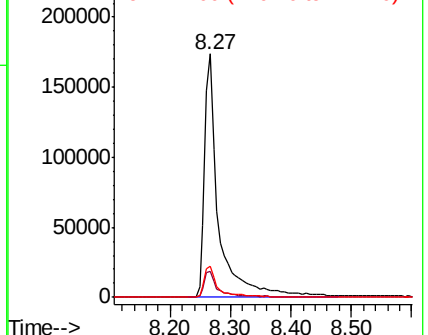
127 12.8 10.9 16.3



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: 8.105 ng

RT: 8.06 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

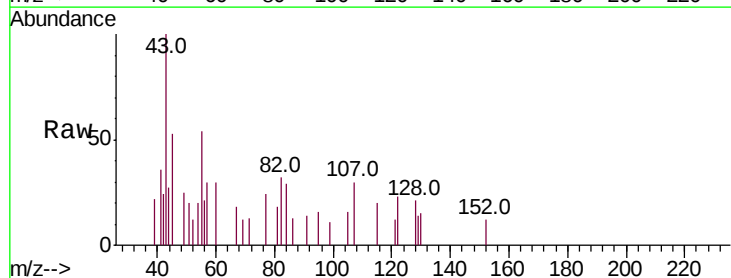
Tgt Ion:122 Resp: 1468

Ion Ratio Lower Upper

122 100

105 70.2 101.1 141.1#

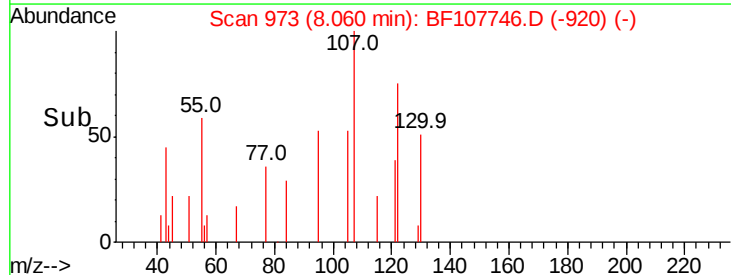
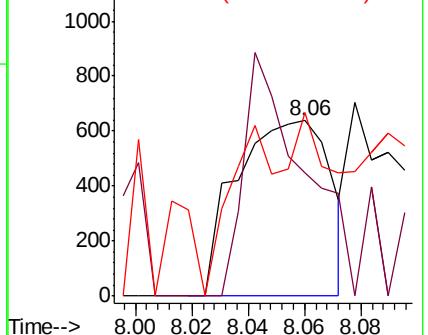
77 104.6 70.7 110.7

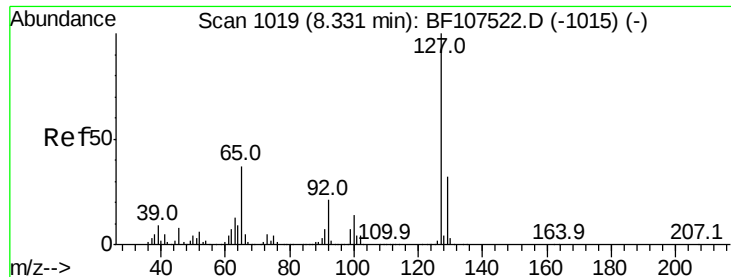


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

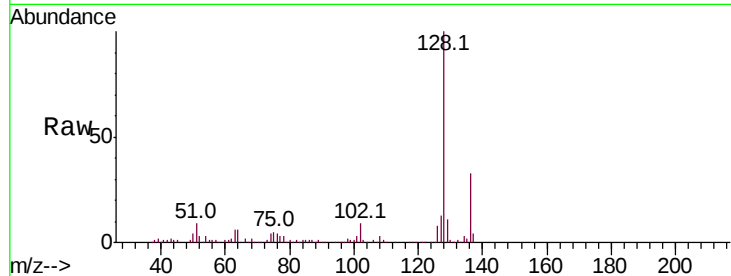




#33
4-Chloroaniline
Concen: 2.956 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	85.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



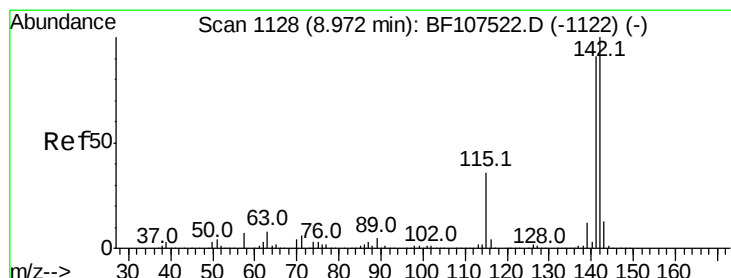
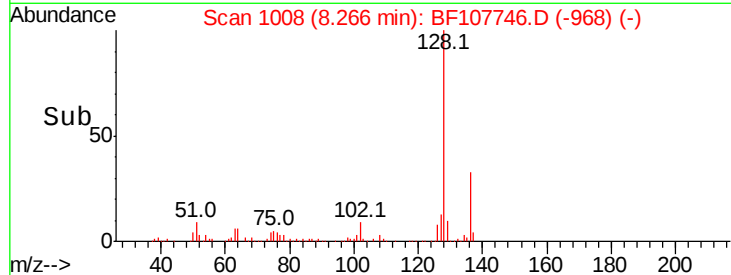
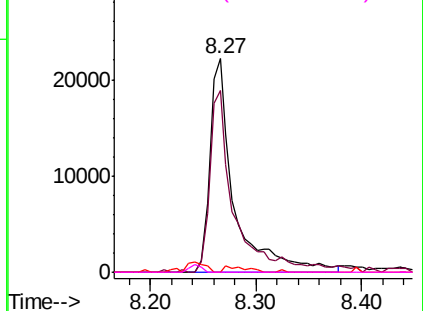
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

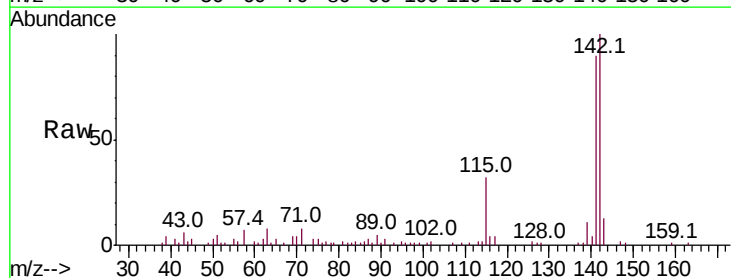
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#37
2-Methylnaphthalene
Concen: 4.020 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	32.1	26.1	39.1

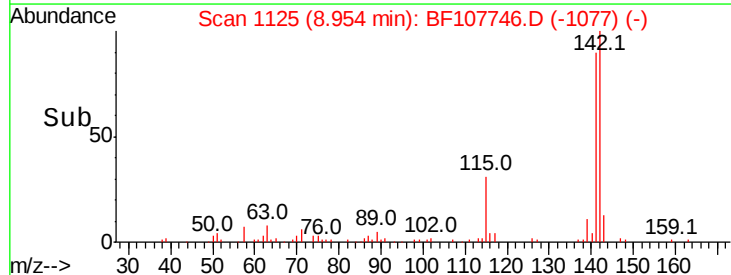
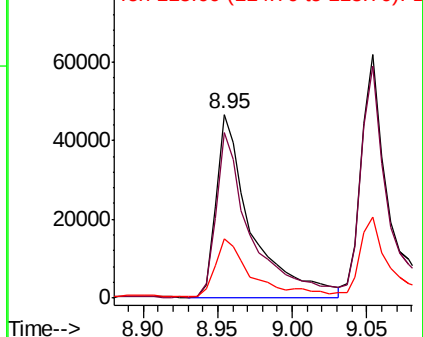


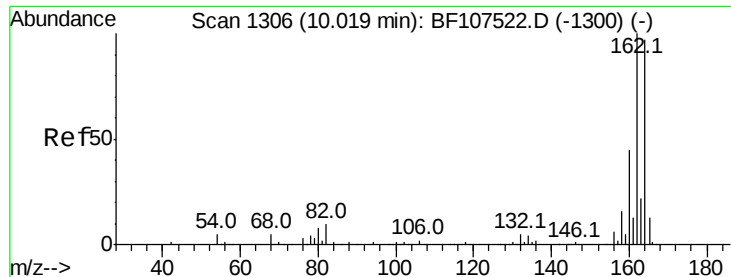
Abundance

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. -0.02 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

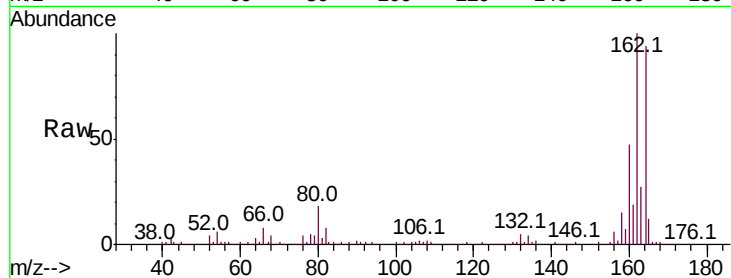
Tot Ion:164 Resp: 279550

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

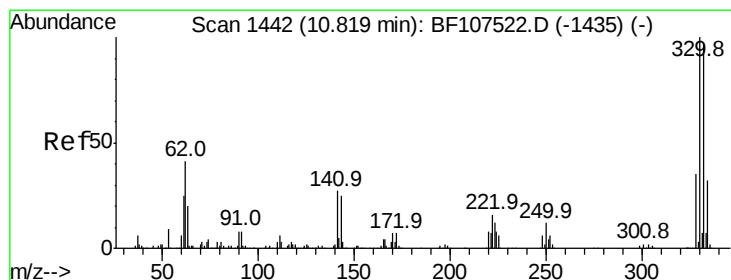
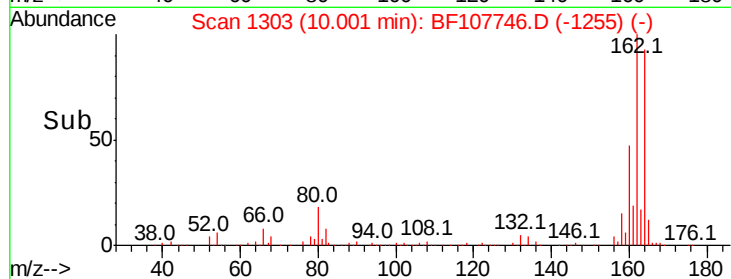
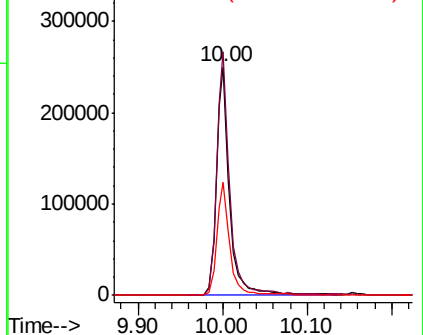
160 49.6 38.3 57.5



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: 120.498 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.02 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

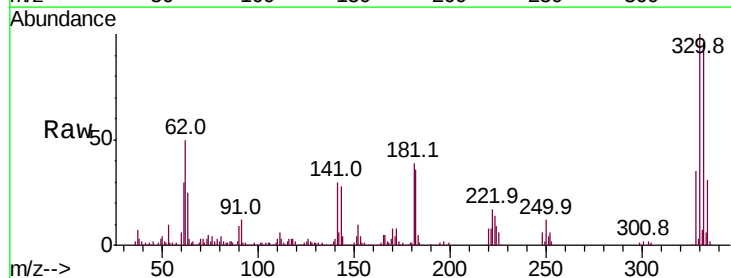
Tgt Ion:330 Resp: 383055

Ion Ratio Lower Upper

330 100

332 94.4 77.0 115.6

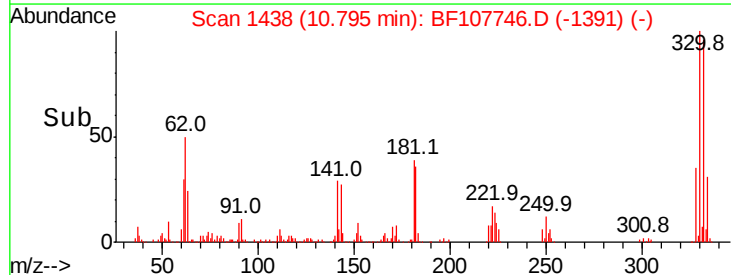
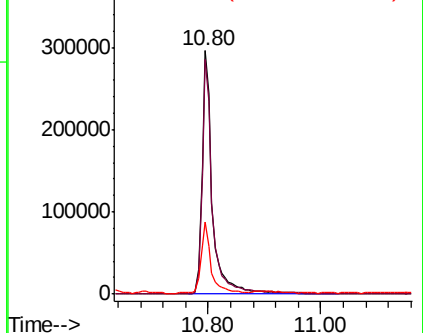
141 28.1 29.9 44.9#

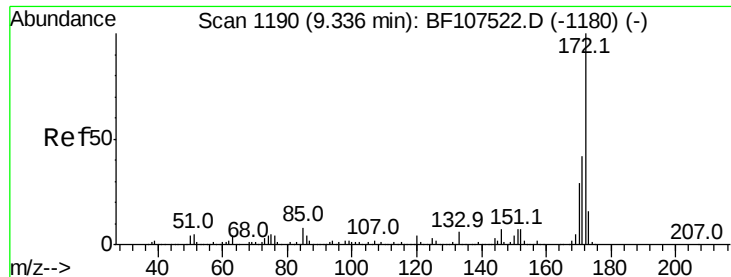


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 93.519 ng

RT: 9.31 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

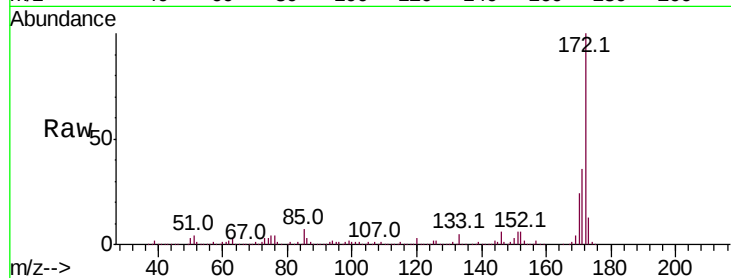
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1485577

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

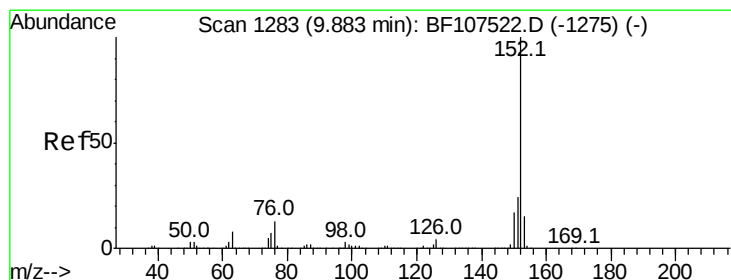
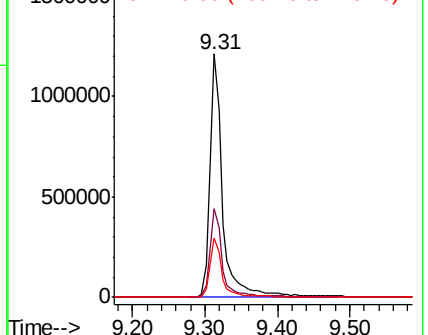
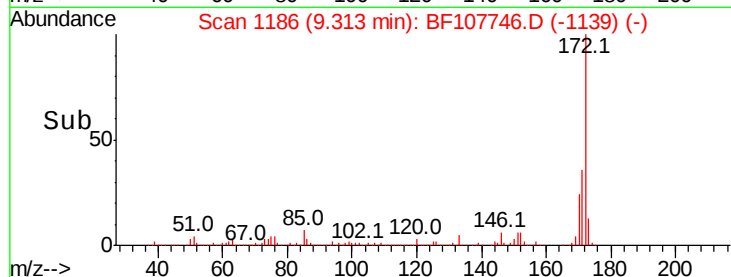


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#48

Acenaphthylene

Concen: 3.027 ng

RT: 9.87 min Scan# 1280

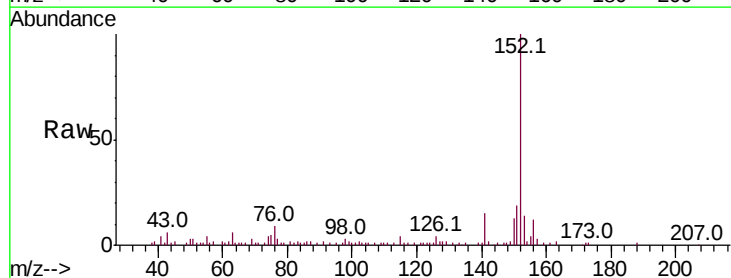
Delta R.T. -0.02 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Tgt Ion:152 Resp: 84632

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.3	24.5
153	13.6	10.7	16.1

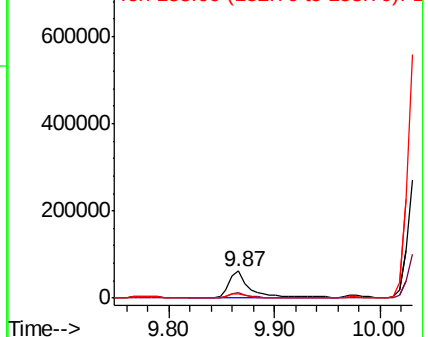
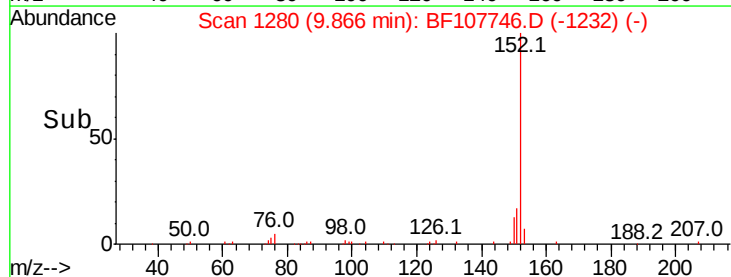


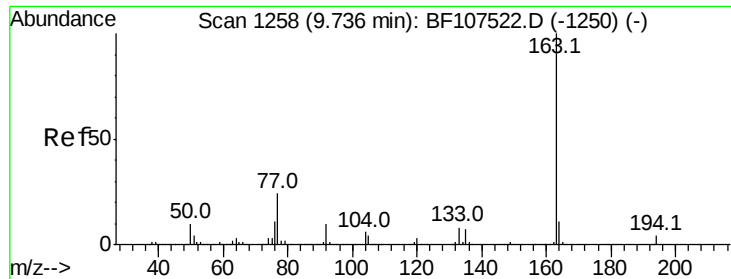
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

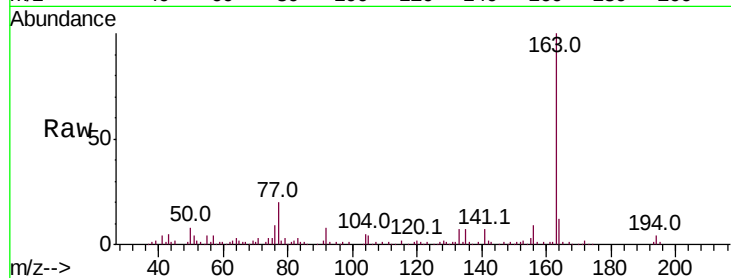




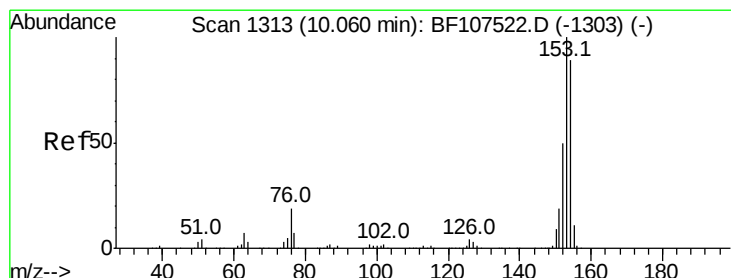
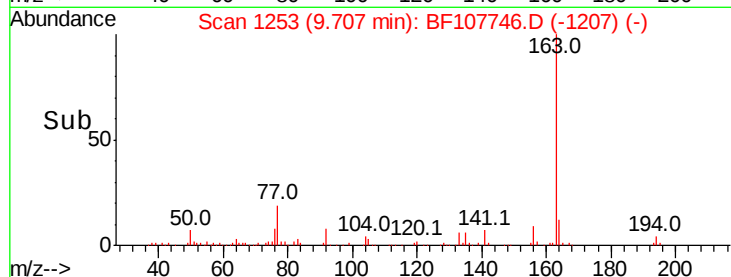
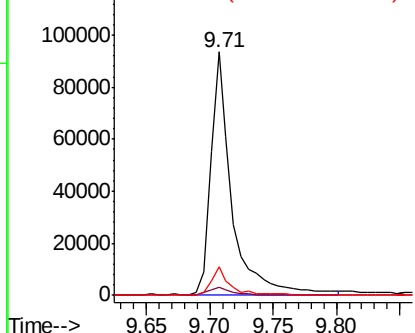
#49
Dimethylphthalate
Concen: 5.230 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 110185
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 11.9 8.2 12.2

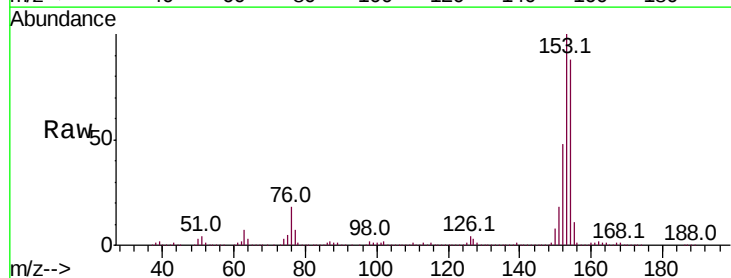


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

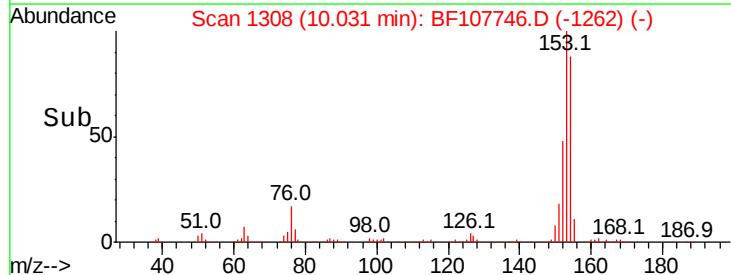
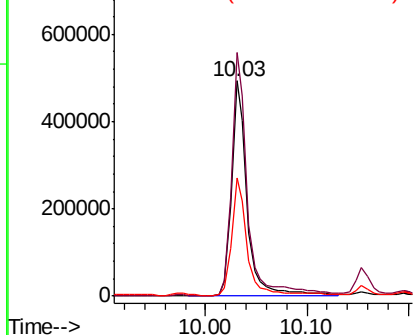


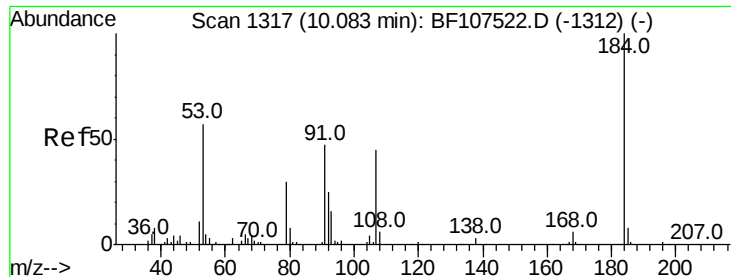
#51
Acenaphthene
Concen: 30.014 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion:154 Resp: 525837
Ion Ratio Lower Upper
154 100
153 113.2 91.2 136.8
152 54.8 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

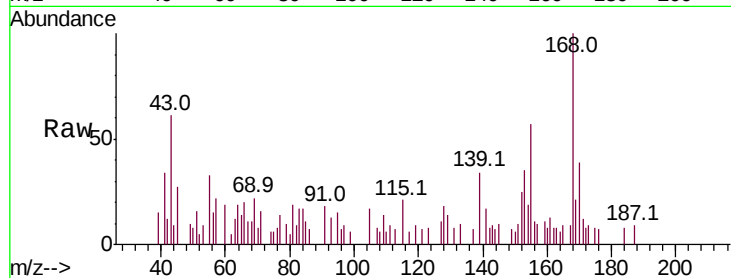




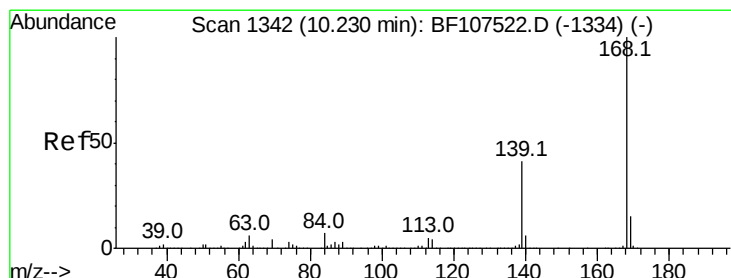
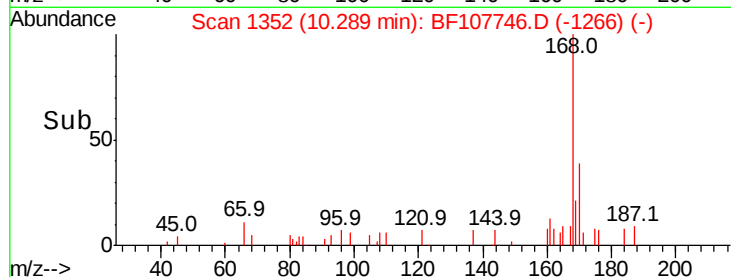
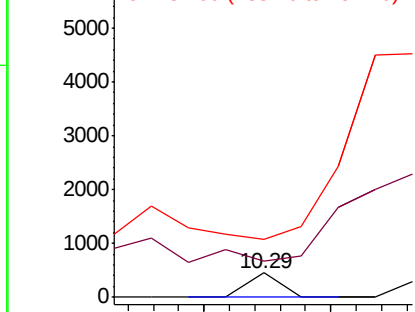
#53
2,4-Dinitrophenol
Concen: 8.391 ng
RT: 10.29 min Scan# 1352
Delta R.T. 0.21 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 159
Ion Ratio Lower Upper
184 100
63 149.8 54.2 81.2#
154 235.8 184.0 276.0

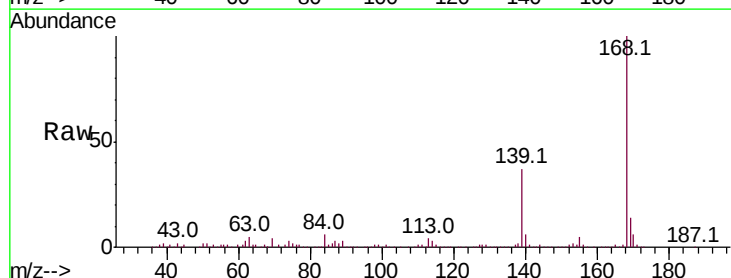


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

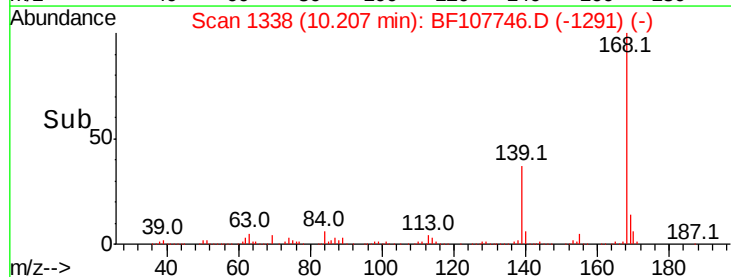
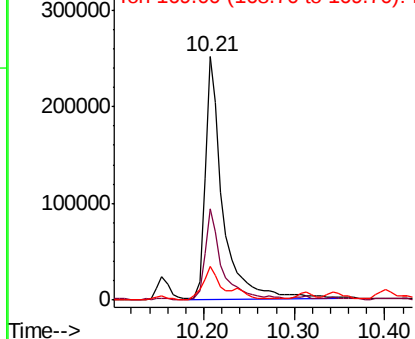


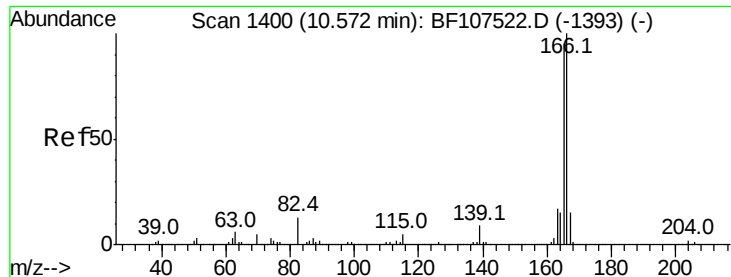
#54
Dibenzofuran
Concen: 13.172 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion:168 Resp: 339749
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 14.0 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

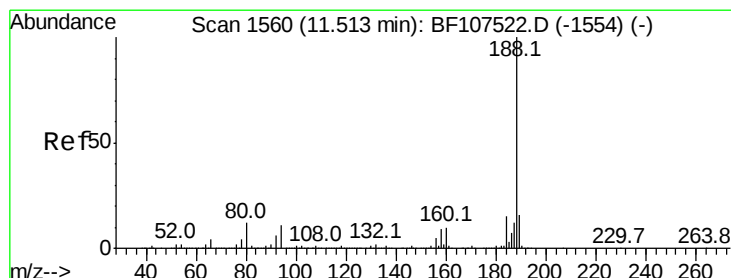
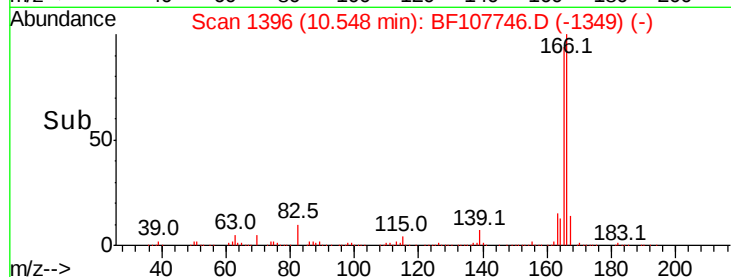
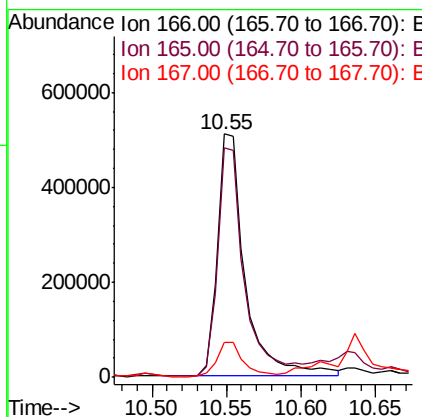
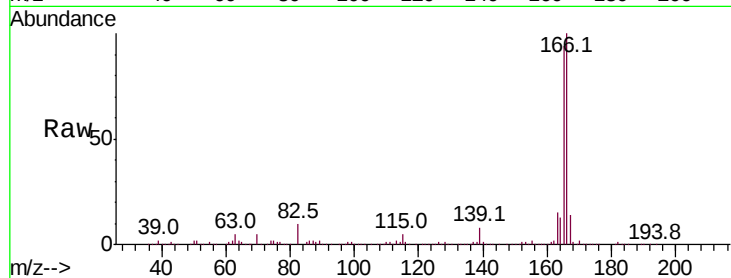




#57
 Fluorene
 Concen: 36.360 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF107746.D
 Acq: 27 Jul 2018 15:26

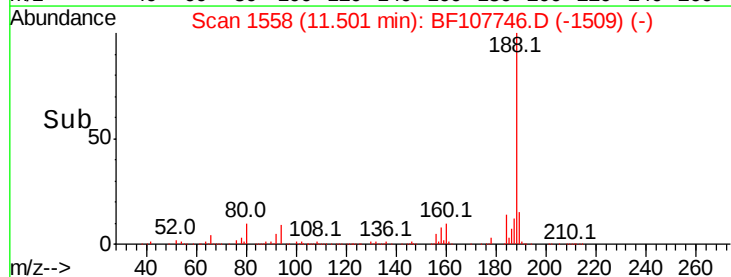
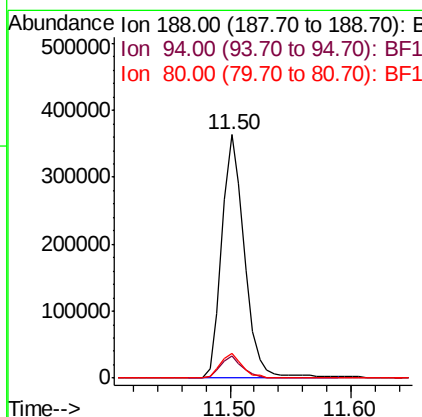
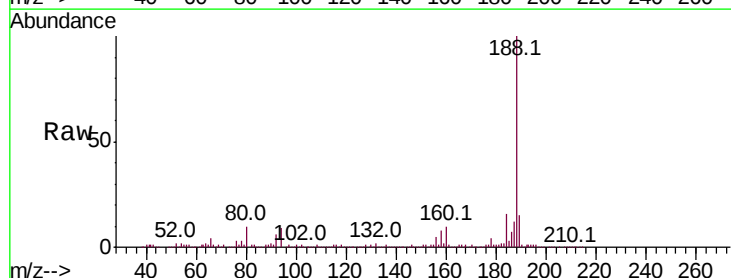
Instrument :
 BNA_F
 ClientSampleId :

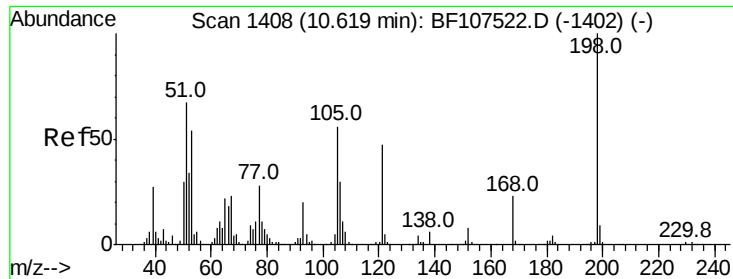
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.2	79.8	119.8
167	14.3	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107746.D
 Acq: 27 Jul 2018 15:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.9	9.2	13.8

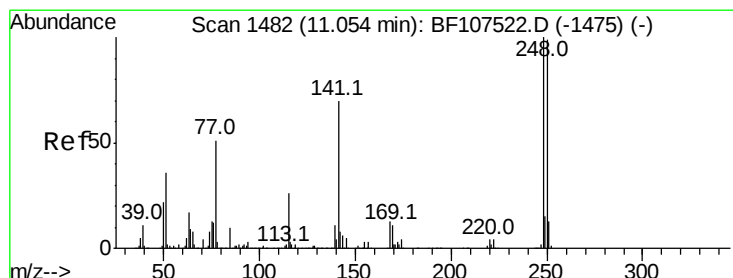
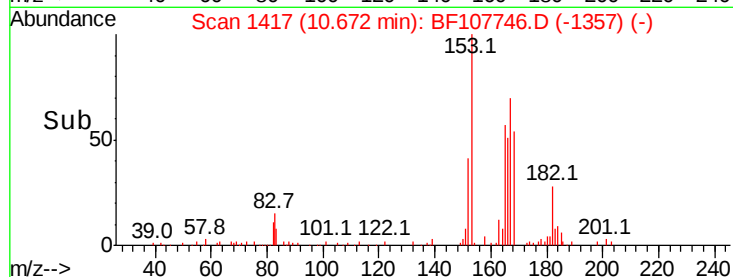
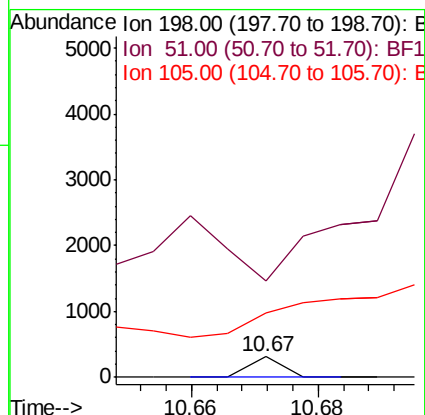
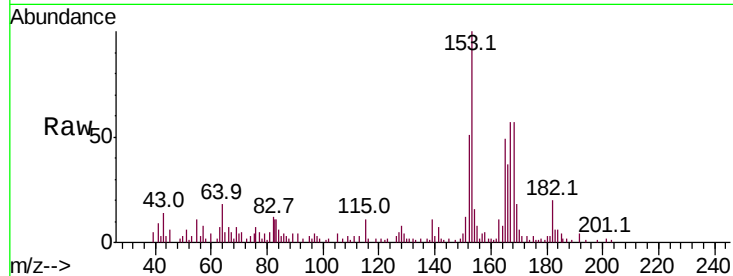




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.720 ng
 RT: 10.67 min Scan# 1417
 Delta R.T. 0.05 min
 Lab File: BF107746.D
 Acq: 27 Jul 2018 15:26

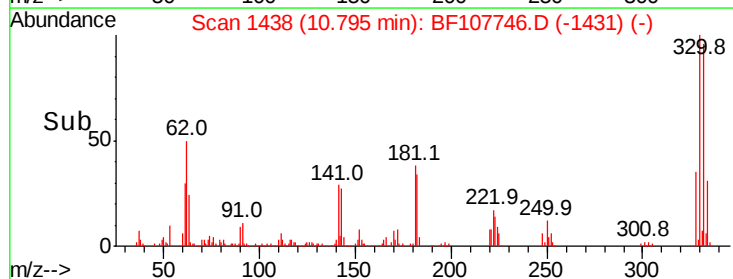
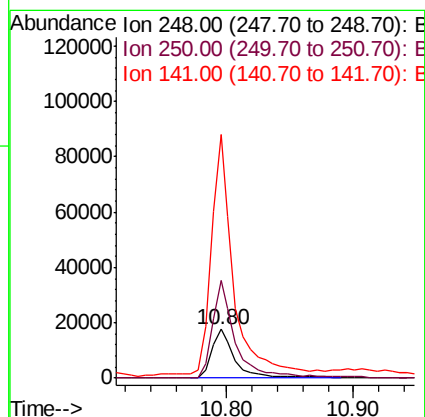
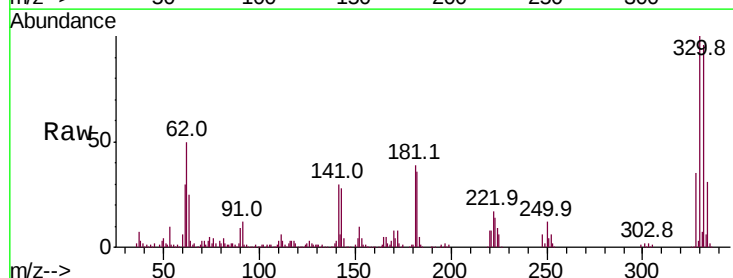
Instrument :
 BNA_F
 ClientSampled :

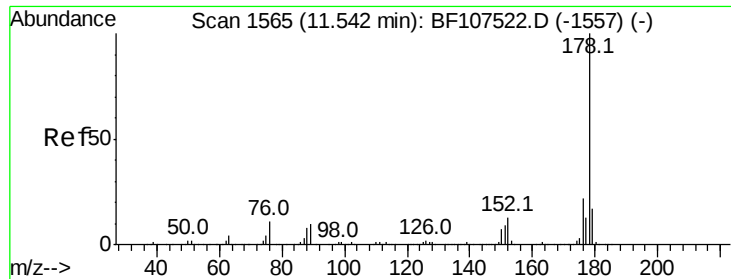
Tot Ion:198 Resp: 109
 Ion Ratio Lower Upper
 198 100
 51 477.9 37.7 77.7#
 105 315.3 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 4.046 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107746.D
 Acq: 27 Jul 2018 15:26

Tgt Ion:248 Resp: 22525
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.9 115.3#
 141 499.3 74.4 111.6#

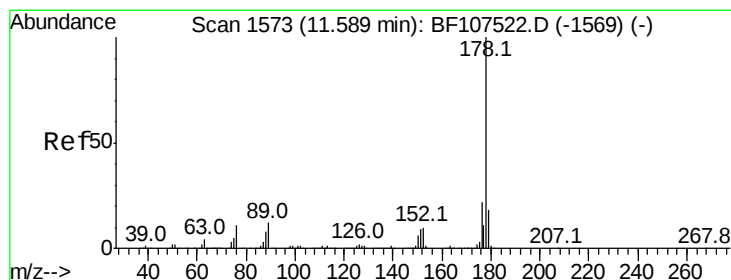
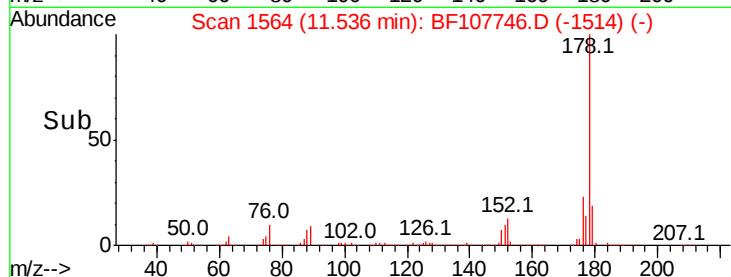
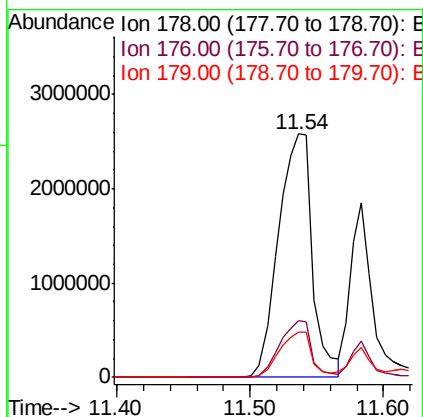
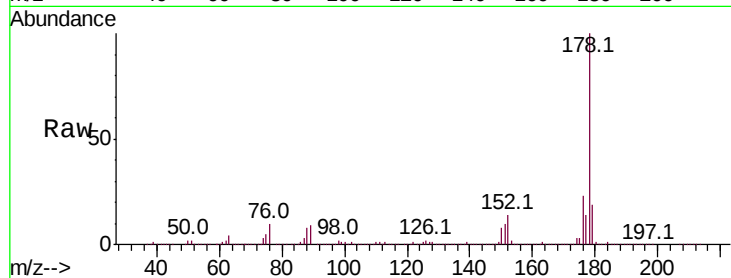




#70
Phenanthrene
Concen: 198.712 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

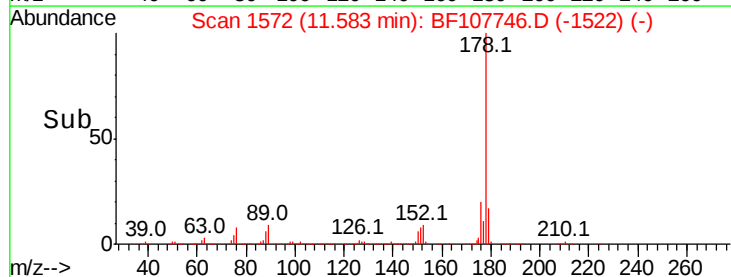
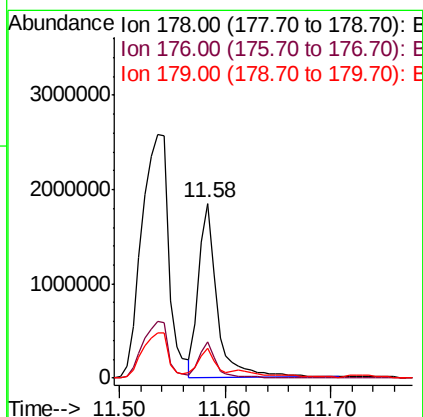
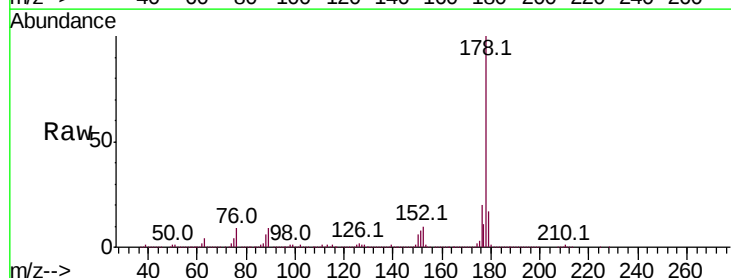
Instrument :
BNA_F
ClientSampleId :

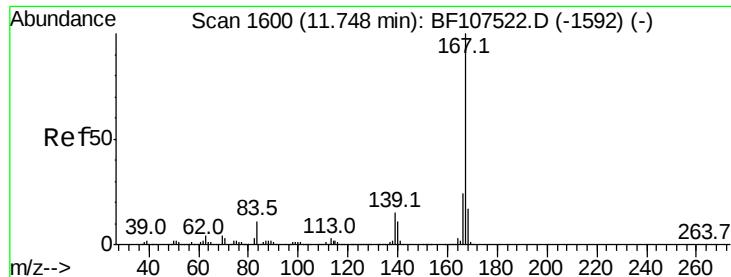
Tot Ion:178 Resp: 4579543
Ion Ratio Lower Upper
178 100
176 23.2 15.8 23.8
179 18.8 13.0 19.6



#71
Anthracene
Concen: 95.928 ng
RT: 11.58 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion:178 Resp: 2225906
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.2
179 16.9 12.6 19.0

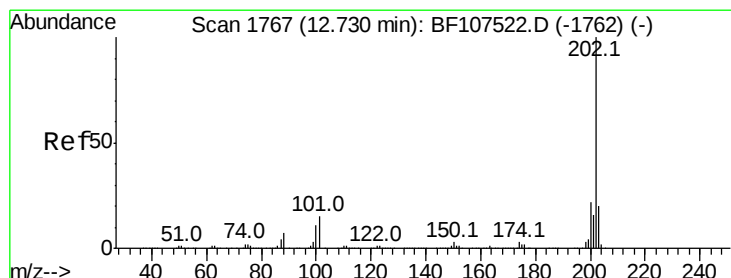
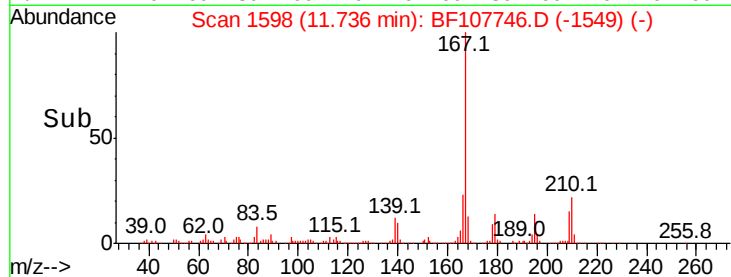
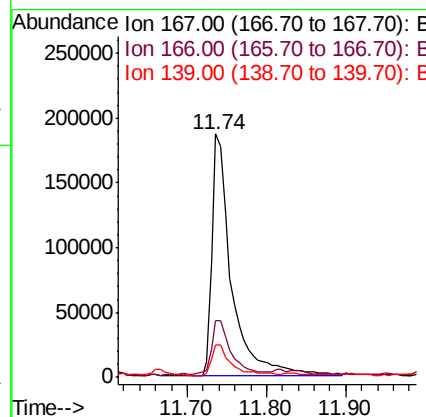
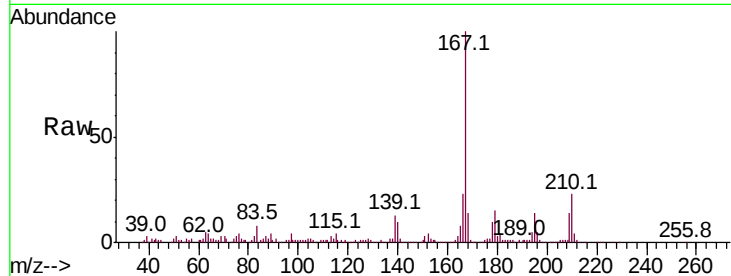




#72
 Carbazole
 Concen: 13.426 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107746.D
 Acq: 27 Jul 2018 15:26

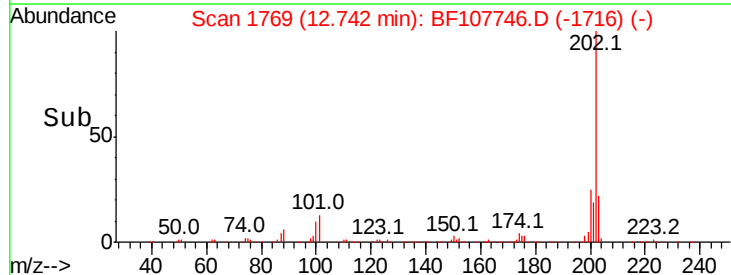
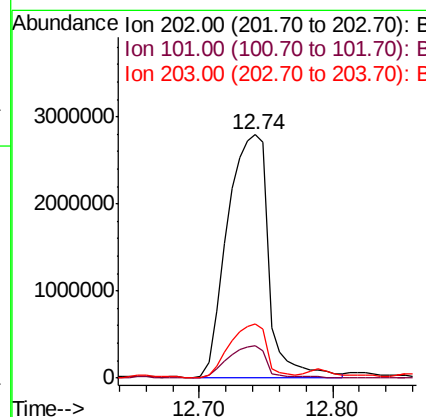
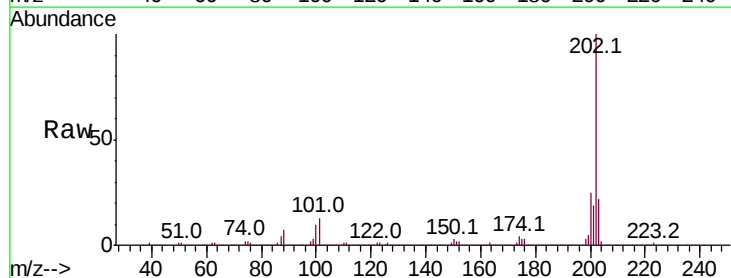
Instrument :
 BNA_F
 ClientSampleId :

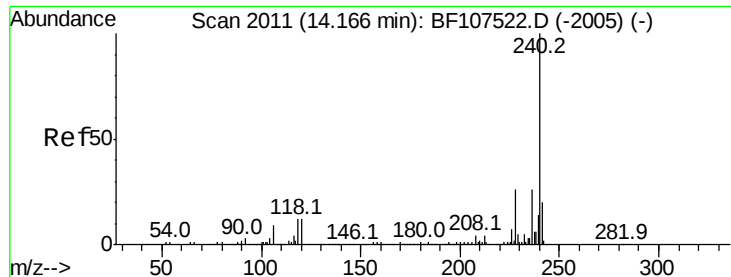
Tot Ion:167 Resp: 323960
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 13.2 10.9 16.3



#74
 Fluoranthene
 Concen: 242.694 ng
 RT: 12.74 min Scan# 1769
 Delta R.T. 0.01 min
 Lab File: BF107746.D
 Acq: 27 Jul 2018 15:26

Tgt Ion:202 Resp: 6001884
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 34.1
 203 22.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

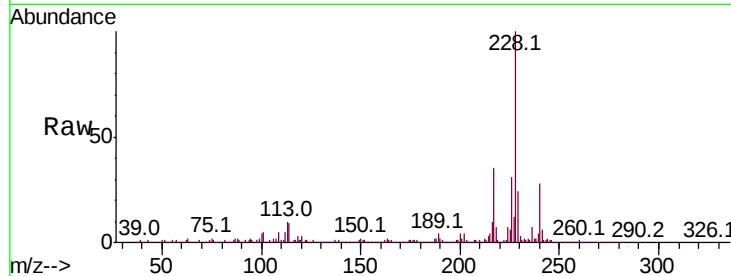
Tot Ion:240 Resp: 279134

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

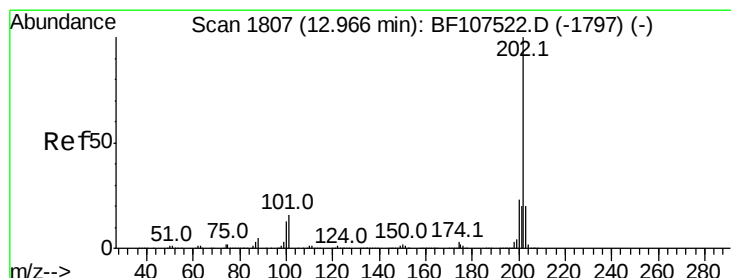
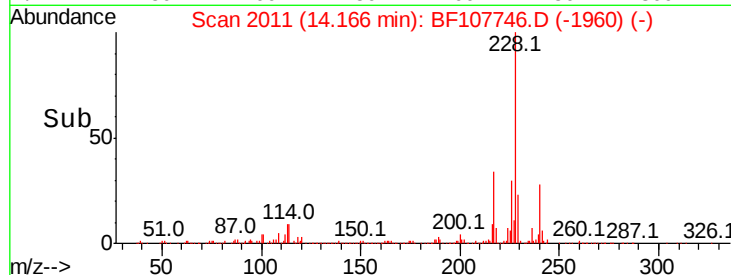
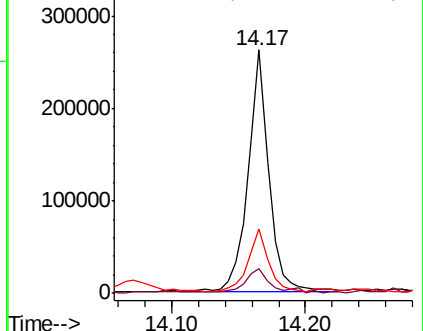
236 26.4 20.7 31.1



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: 277.398 ng

RT: 12.97 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

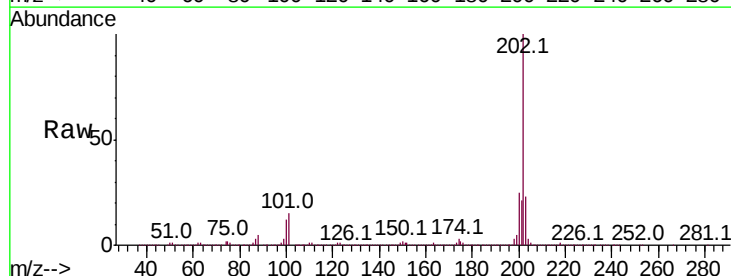
Tgt Ion:202 Resp: 5296379

Ion Ratio Lower Upper

202 100

200 24.7 17.4 26.2

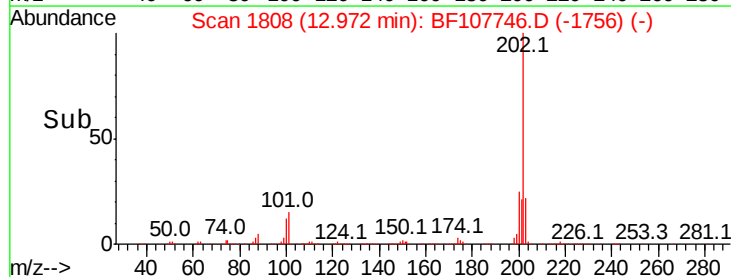
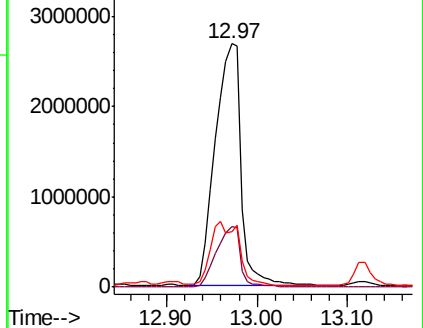
203 22.7 14.3 21.5#

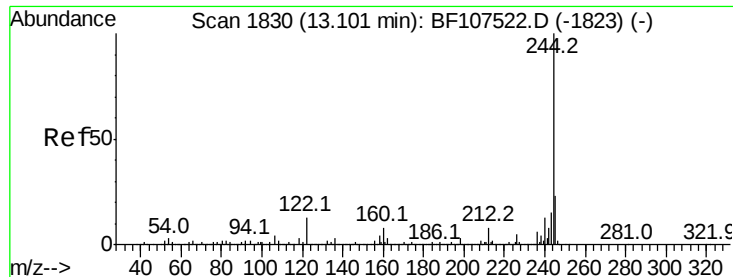


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 106.548 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

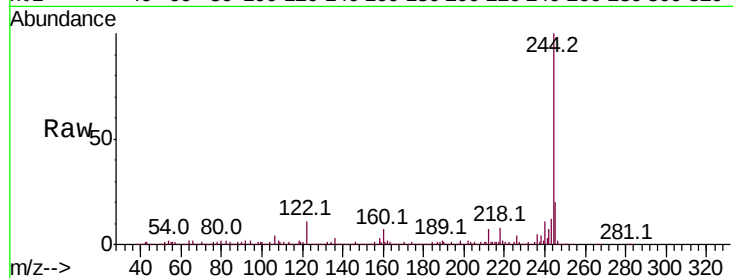
Tot Ion:244 Resp: 1161725

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

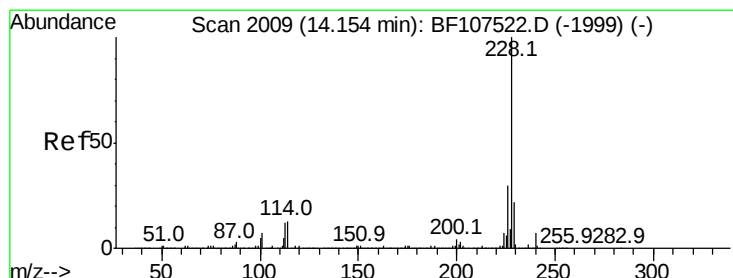
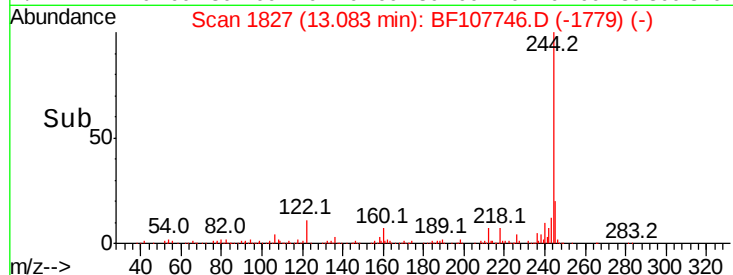
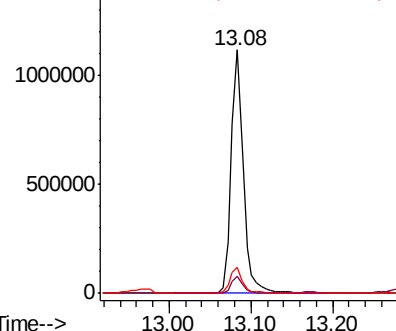
122 10.7 11.0 16.4#



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: 214.995 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

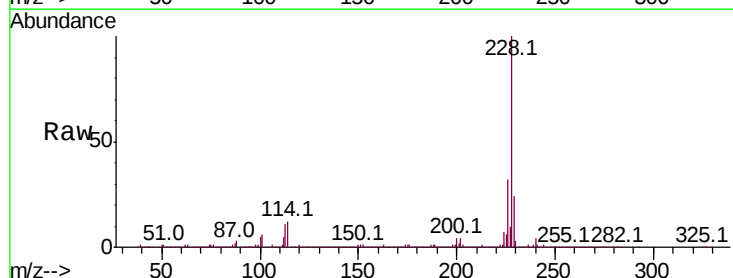
Tgt Ion:228 Resp: 3516840

Ion Ratio Lower Upper

228 100

226 31.6 22.6 33.8

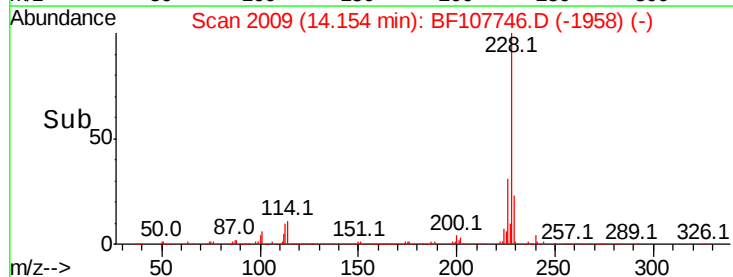
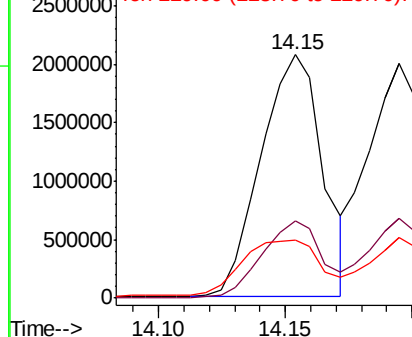
229 24.1 15.8 23.6#

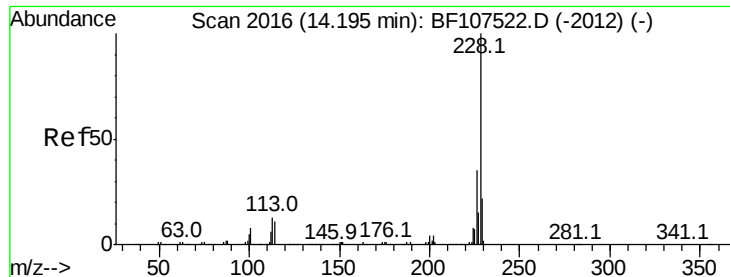


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

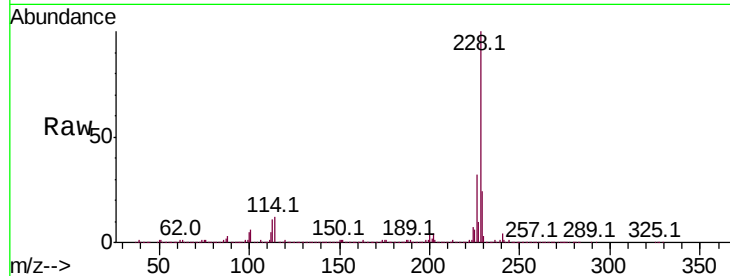




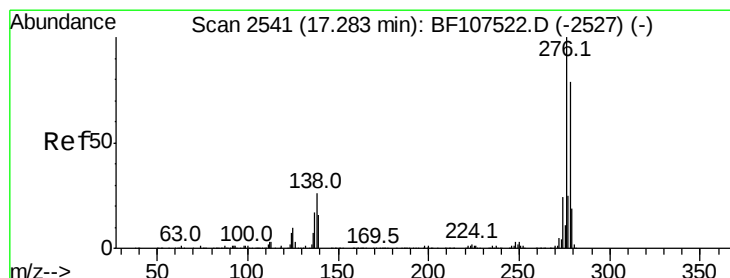
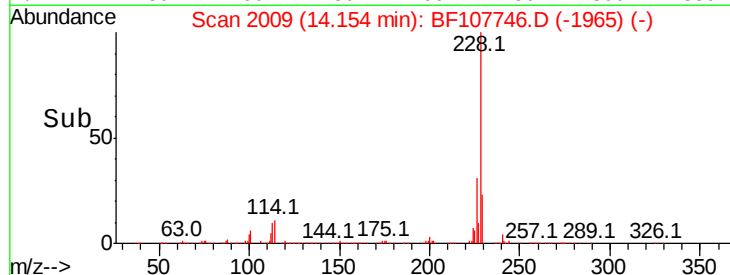
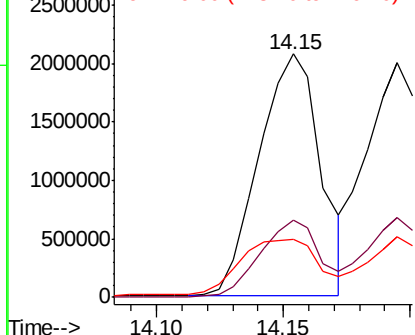
#82
Chrysene
Concen: 223.813 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 3516840
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.6
229 24.1 16.2 24.4

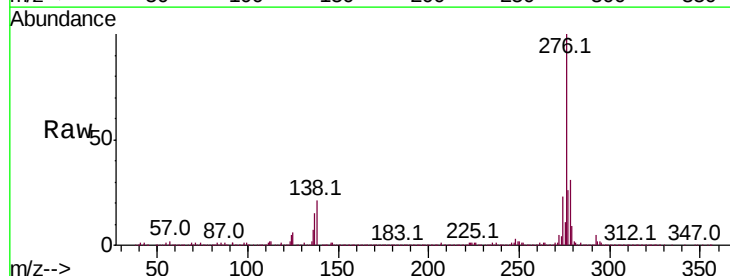


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

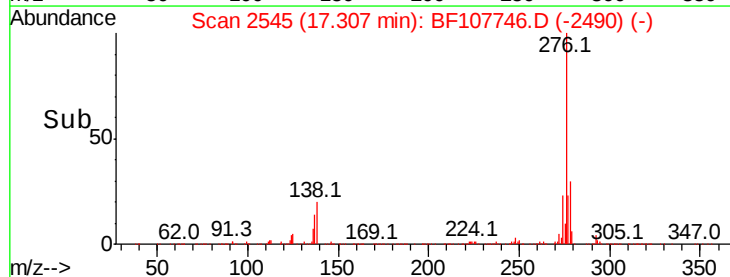
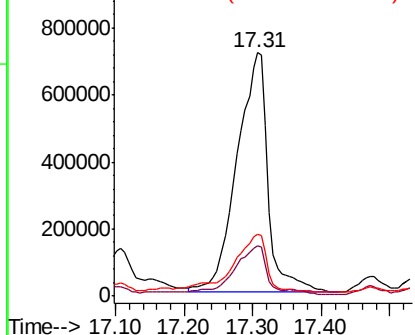


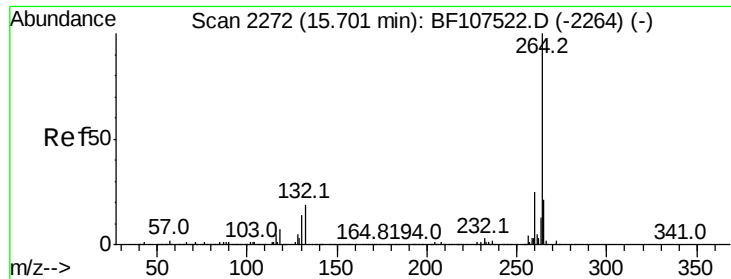
#85
Indeno(1,2,3-cd)pyrene
Concen: 170.582 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion:276 Resp: 2271719
Ion Ratio Lower Upper
276 100
138 18.5 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



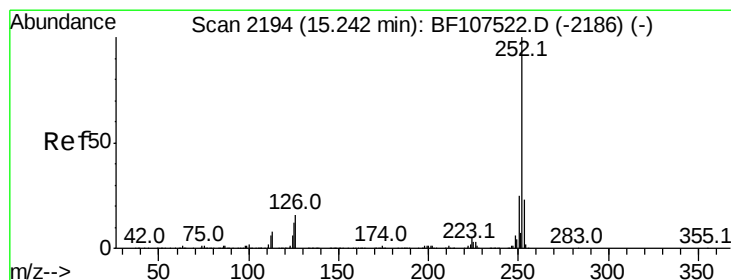
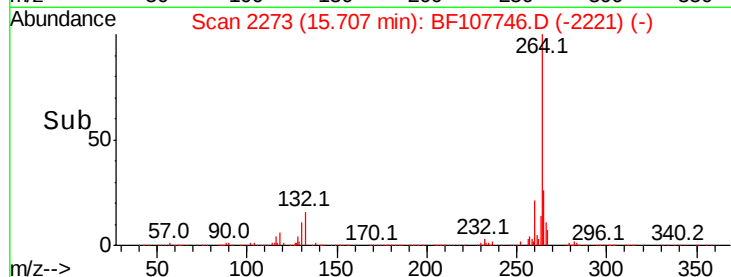
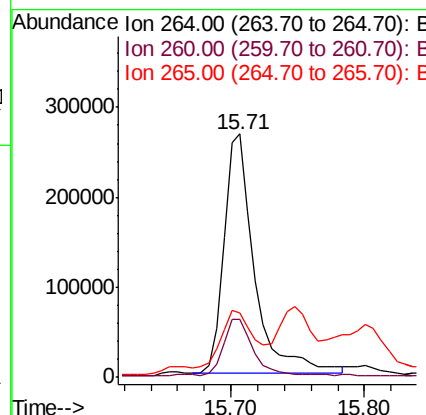
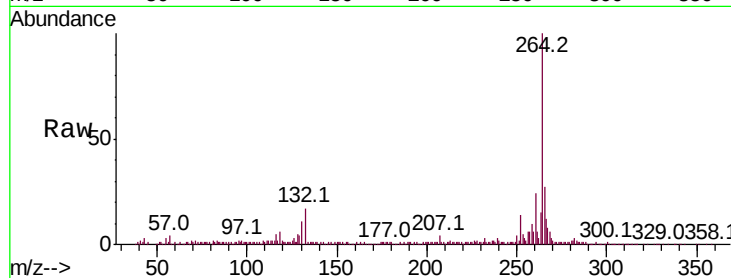


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 428425

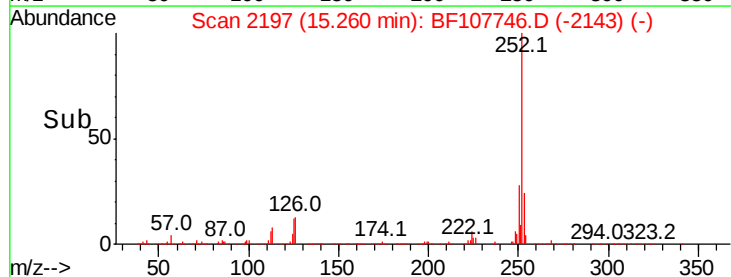
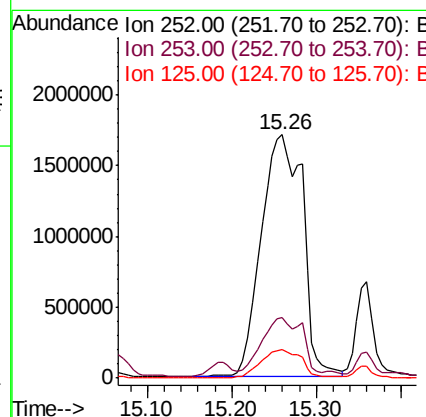
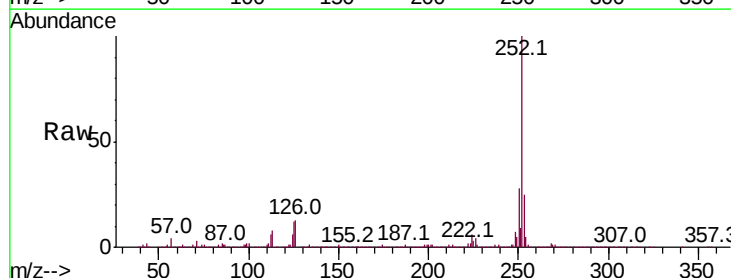
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	26.5	17.5	26.3#

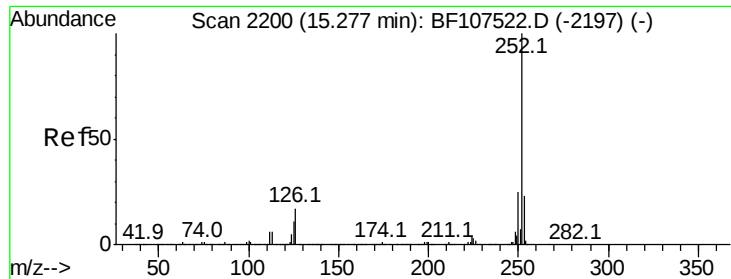


#87
Benzo(b)fluoranthene
Concen: 250.114 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion:252 Resp: 5864470

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.6
125	11.9	9.0	13.6

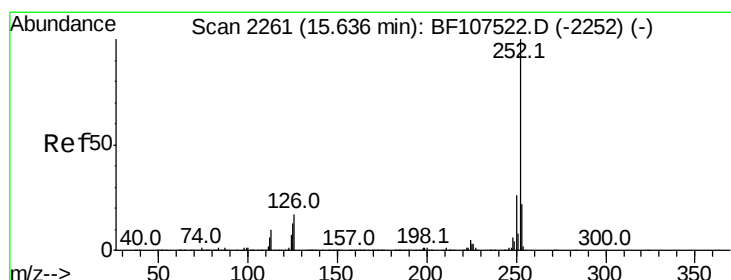
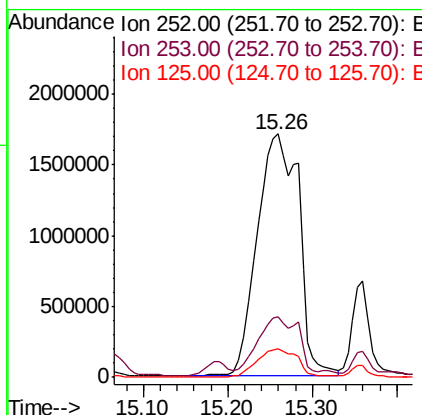
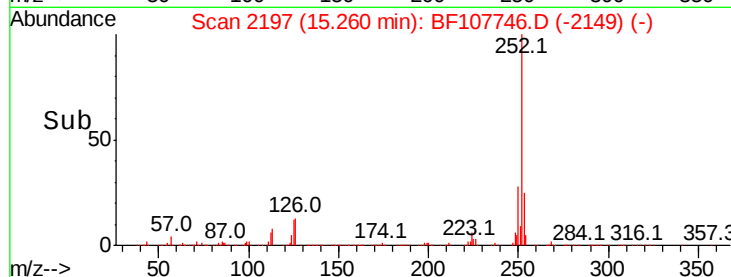
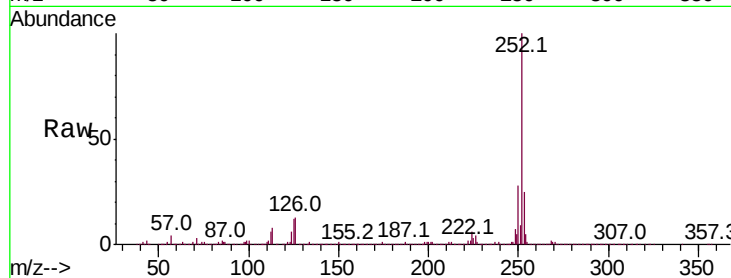




#88
Benzo(k)fluoranthene
Concen: 255.290 ng
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

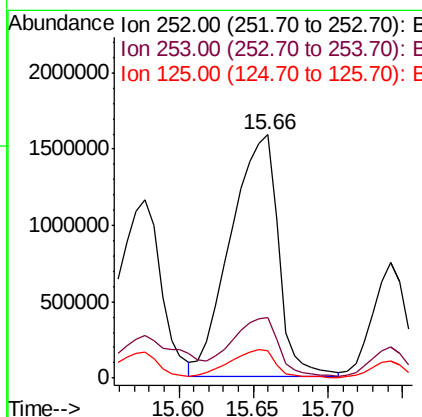
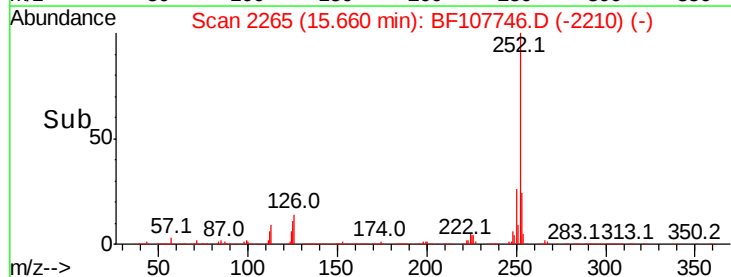
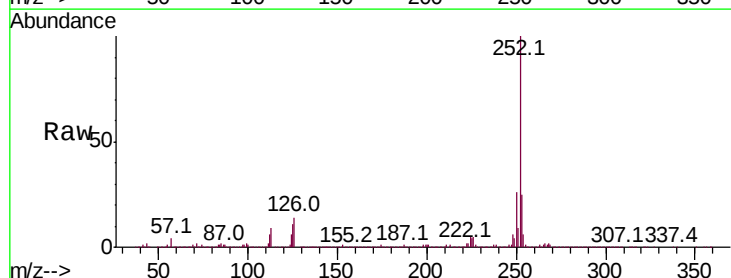
Instrument :
BNA_F
ClientSampleId :

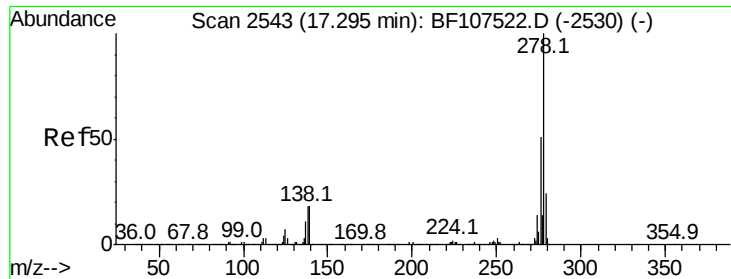
Tot Ion:252 Resp: 5864470
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 11.9 10.2 15.2



#89
Benzo(a)pyrene
Concen: 164.063 ng
RT: 15.66 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF107746.D
Acq: 27 Jul 2018 15:26

Tgt Ion:252 Resp: 3518818
Ion Ratio Lower Upper
252 100
253 25.1 17.1 25.7
125 11.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 20.424 ng

RT: 17.07 min Scan# 2504

Delta R.T. -0.23 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

Instrument :

BNA_F

ClientSampleId :

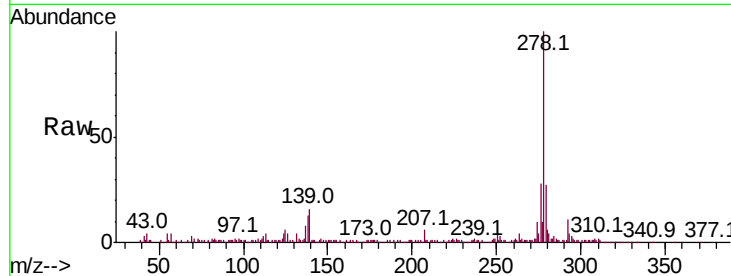
Tot Ion:278 Resp: 378672

Ion Ratio Lower Upper

278 100

139 16.1 15.9 23.9

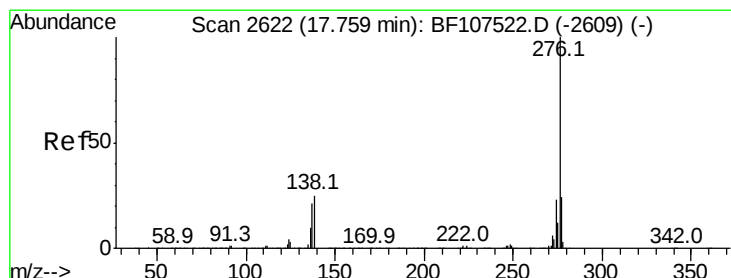
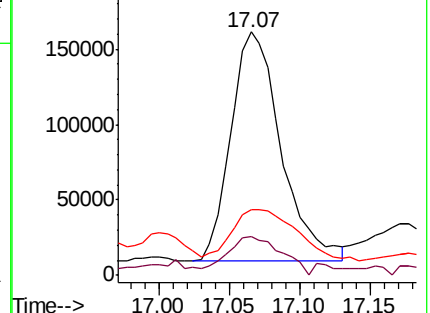
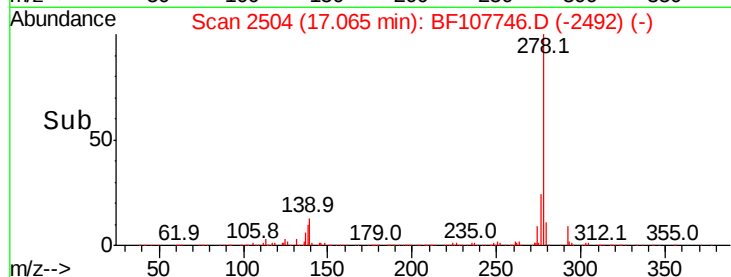
279 27.1 19.0 28.4



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: 108.935 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.03 min

Lab File: BF107746.D

Acq: 27 Jul 2018 15:26

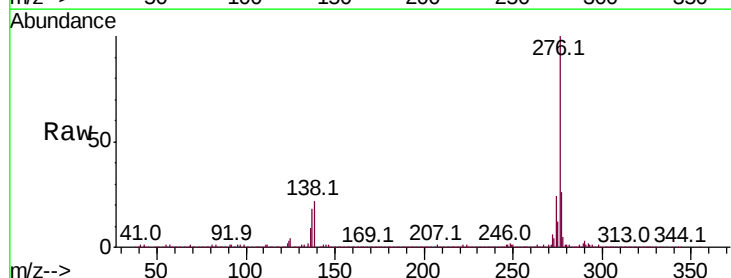
Tgt Ion:276 Resp: 1992178

Ion Ratio Lower Upper

276 100

277 25.8 17.9 26.9

138 21.8 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

