

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107813.D
 Acq On : 30 Jul 2018 21:13
 Operator : JU/SJ
 Sample : J4164-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:03:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	184370	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	807816	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	359076	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	738318	20.00	ng	0.00
75) Chrysene-d12	14.15	240	529200	20.00	ng	0.00
86) Perylene-d12	15.68	264	573822	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1353737	124.79	ng	0.00
7) Phenol-d6	6.61	99	1717459	120.12	ng	0.00
23) Nitrobenzene-d5	7.52	82	1134105	80.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	534626	109.57	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1749820	67.91	ng	0.00
78) Terphenyl-d14	13.08	244	1633917	66.95	ng	0.00

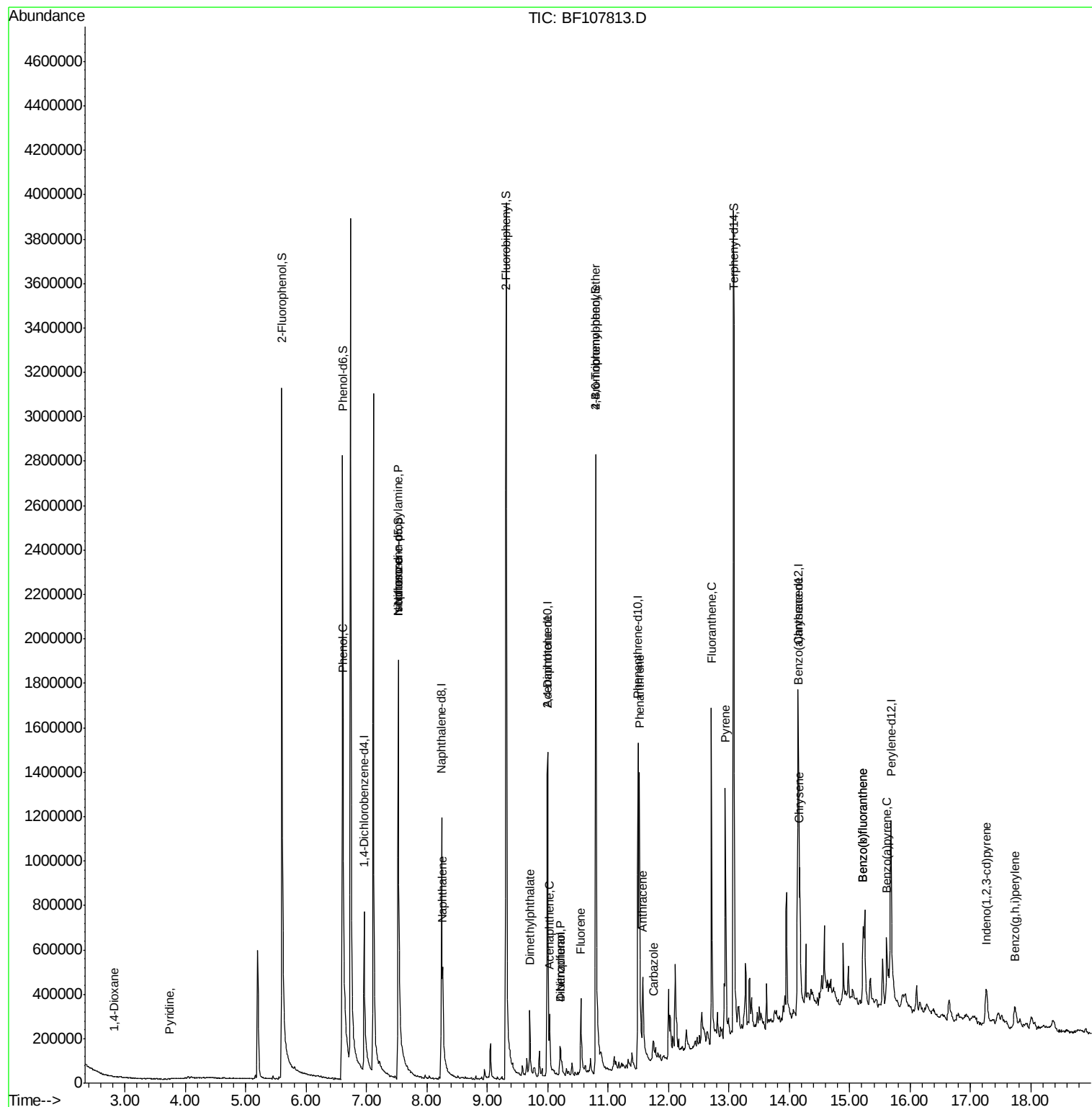
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	449	5.871	ng	# 63
3) Pyridine	3.74	79	126	6.263	ng	# 1
10) Phenol	6.62	94	37532	2.201	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	138839	15.308	ng	# 79
25) Isophorone	7.52	82	1134105	49.272	ng	# 64
31) Naphthalene	8.27	128	264868	7.054	ng	99
49) Dimethylphthalate	9.71	163	148651	5.512	ng	99
51) Acenaphthene	10.03	154	58017	2.614	ng	96
54) Dibenzofuran	10.21	168	102726	2.995	ng	98
55) 4-Nitrophenol	10.21	139	38453	19.088	ng	# 12
56) 2,4-Dinitrotoluene	10.00	165	50786	6.593	ng	# 24
57) Fluorene	10.55	166	171466	6.432	ng	95
66) 4-Bromophenyl-phenylether	10.80	248	30490	3.543	ng	# 1
70) Phenanthrene	11.52	178	542665	15.479	ng	98
71) Anthracene	11.57	178	295579	7.310	ng	98
72) Carbazole	11.75	167	97675	2.444	ng	98
74) Fluoranthene	12.71	202	769682	18.688	ng	97
77) Pyrene	12.94	202	616552	16.180	ng	97
80) Benzo(a)anthracene	14.14	228	317400	10.588	ng	94
82) Chrysene	14.17	228	266716	8.249	ng	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	133055	5.410	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	394038	13.923	ng	# 93
88) Benzo(k)fluoranthene	15.22	252	394038	11.340	ng	96
89) Benzo(a)pyrene	15.61	252	230527	7.890	ng	97
91) Benzo(g,h,i)perylene	17.73	276	111924	4.539	ng	97

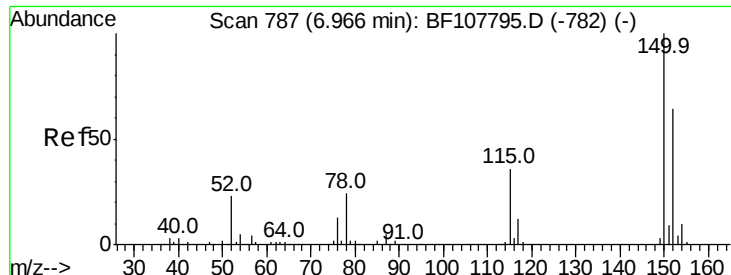
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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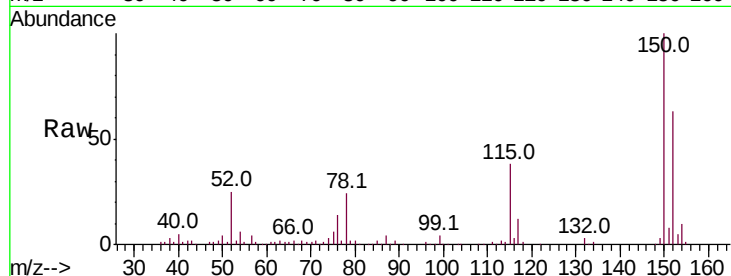


#1

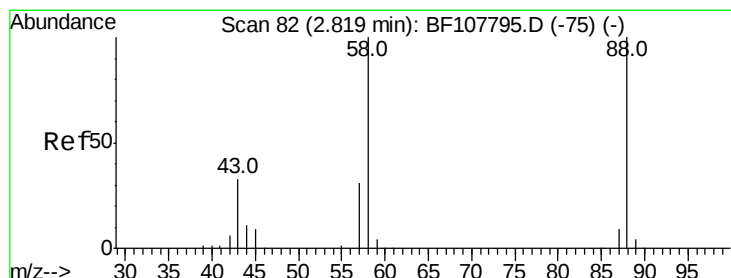
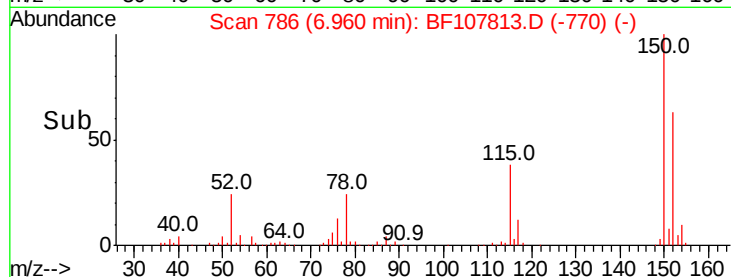
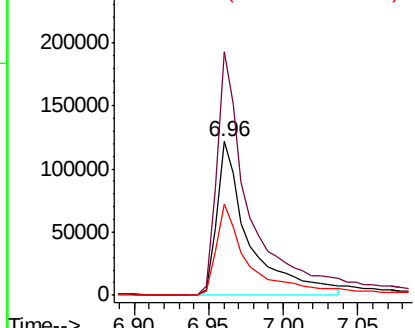
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 184370
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.6 50.1 75.1



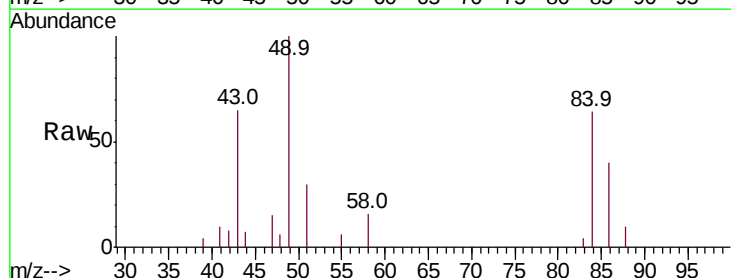
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



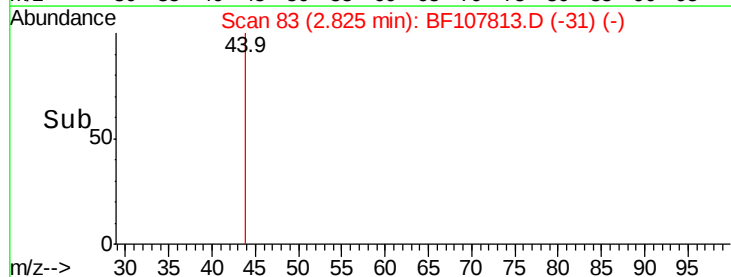
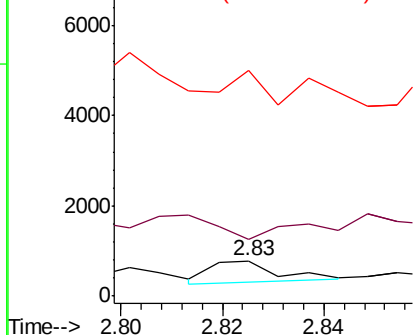
#2

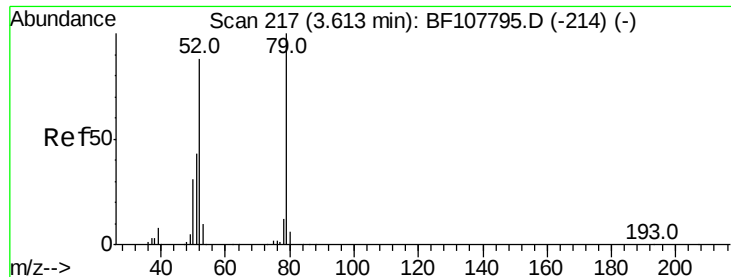
1,4-Dioxane
Concen: 5.871 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion: 88 Resp: 449
Ion Ratio Lower Upper
88 100
58 104.5 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 6.263 ng

RT: 3.74 min Scan# 239

Delta R.T. 0.13 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

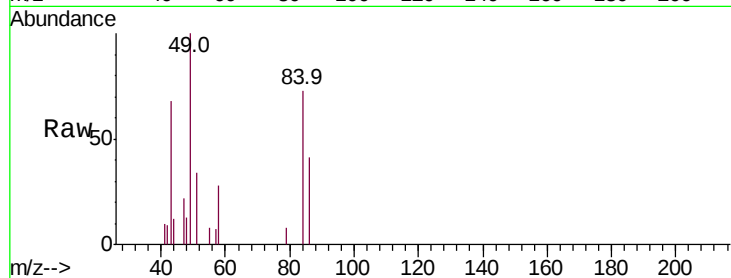
Tot Ion: 79 Resp: 126

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

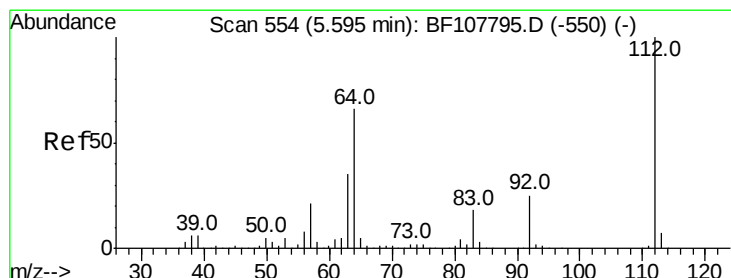
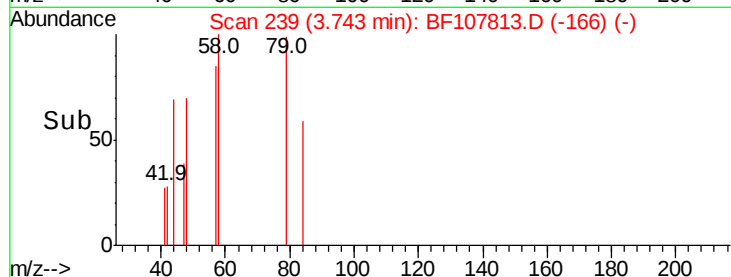
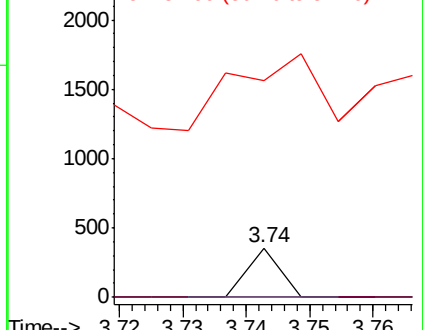
51 437.8 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 124.789 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

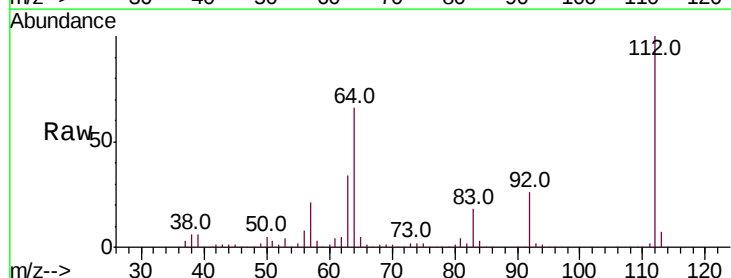
Tgt Ion: 112 Resp: 1353737

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

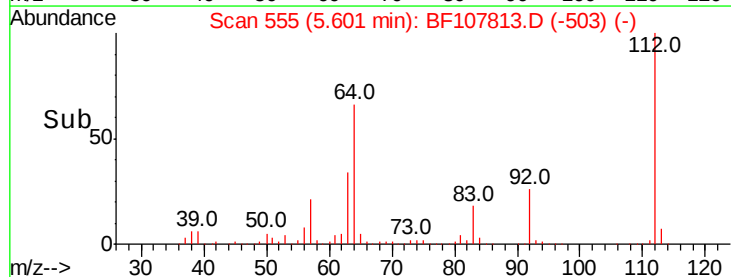
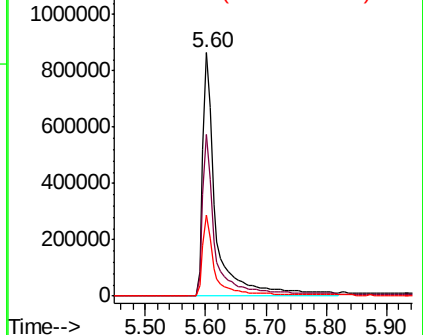
63 33.5 23.7 35.5

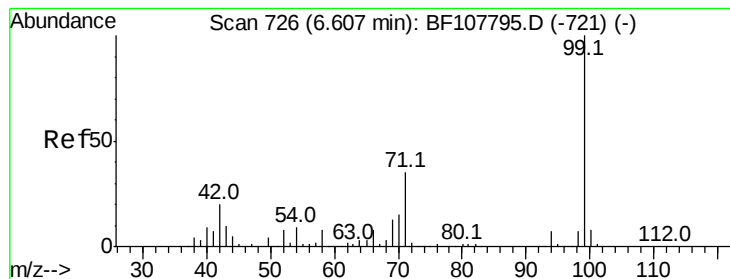


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 120.125 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampled :

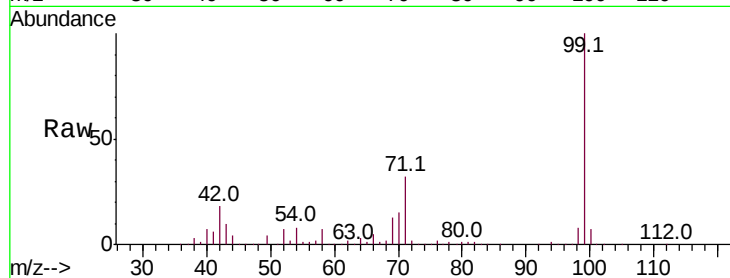
Tot Ion: 99 Resp: 1717459

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	32.4	25.4	38.0

99 100

42 18.3 14.5 21.7

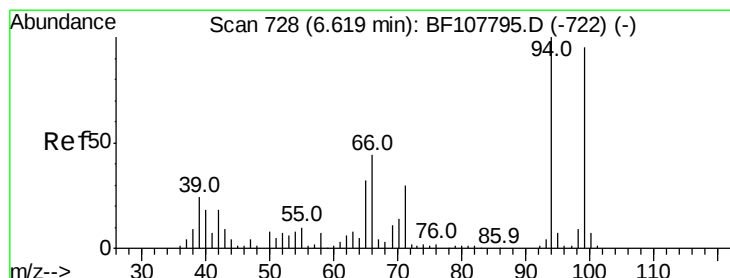
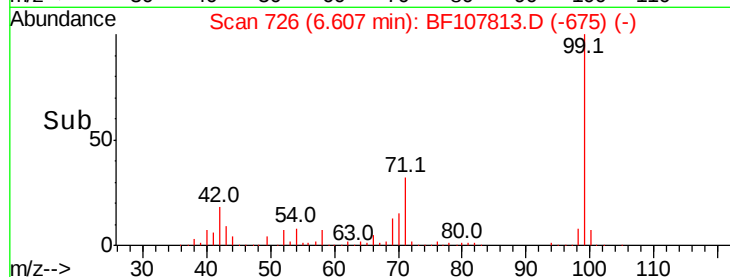
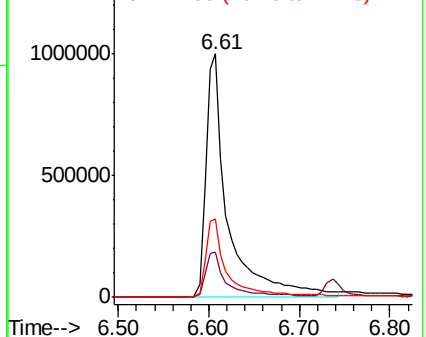
71 32.4 25.4 38.0



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: 2.201 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

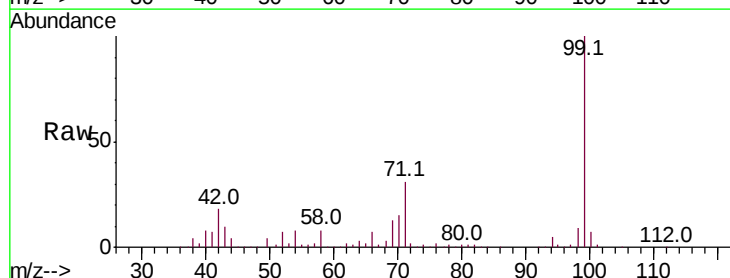
Tgt Ion: 94 Resp: 37532

Ion	Ratio	Lower	Upper
94	100		
65	46.6	7.9	47.9
66	137.6	16.2	56.2#

94 100

65 46.6 7.9 47.9

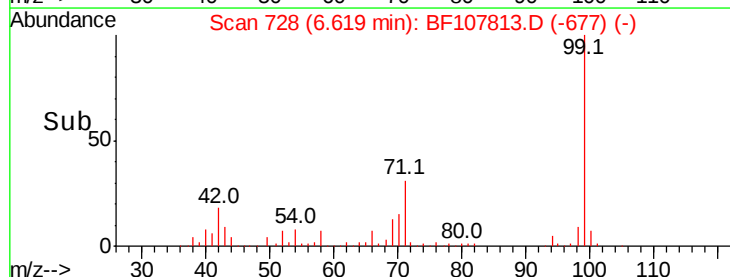
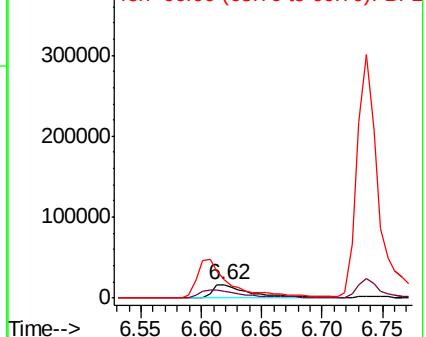
66 137.6 16.2 56.2#

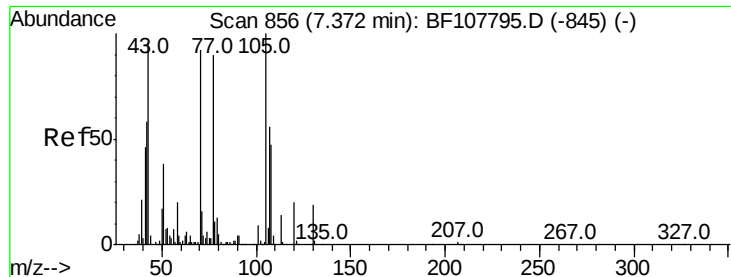


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

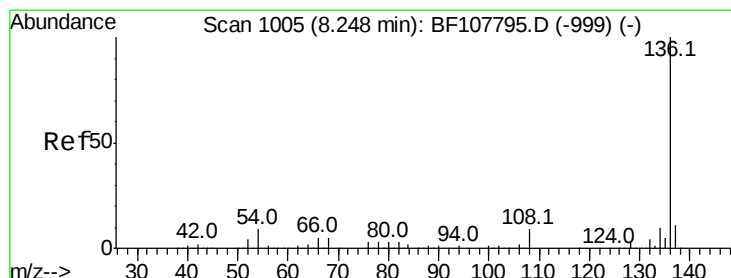
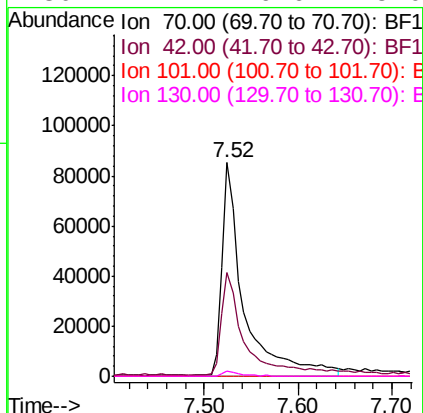
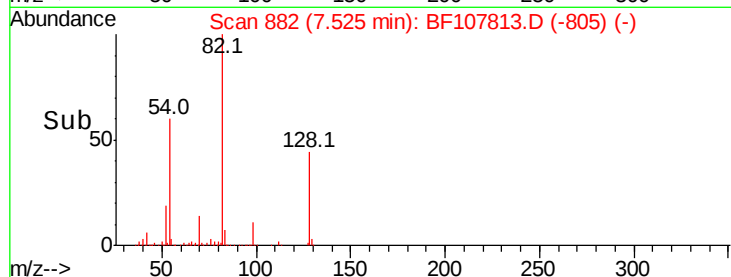
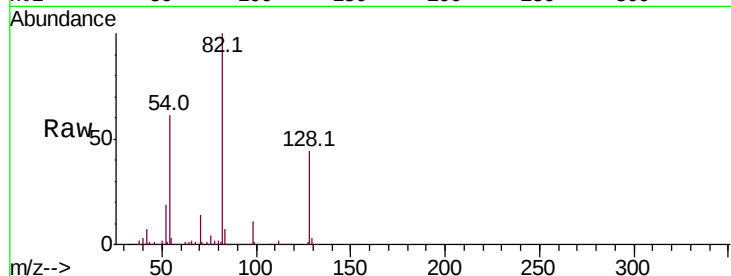




#19
n-Nitroso-di-n-propylamine
Concen: 15.308 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

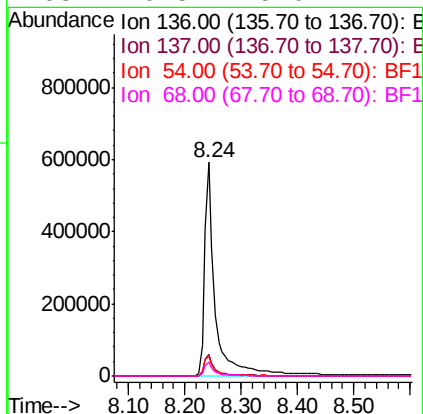
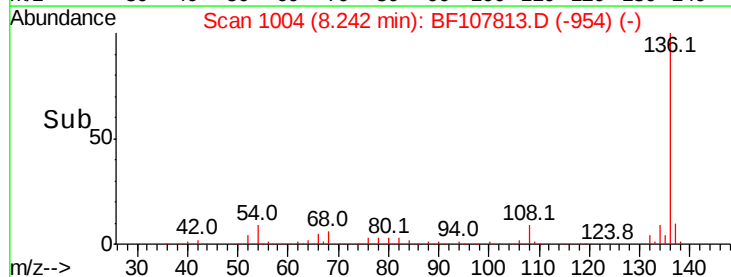
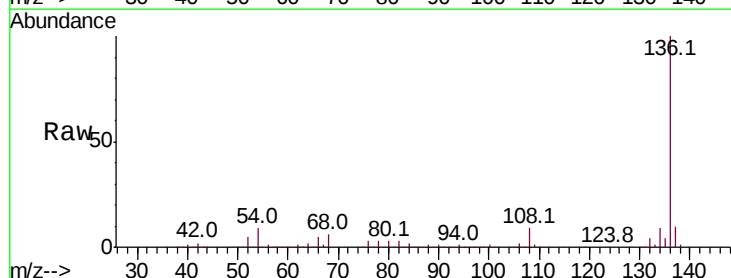
Instrument :
BNA_F
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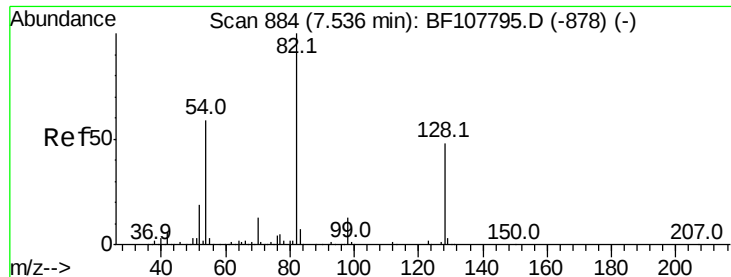
Tot Ion: 70 Resp: 138839
Ion Ratio Lower Upper
70 100
42 48.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion: 136 Resp: 807816
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 9.1 6.6 9.8
68 6.5 5.0 7.4

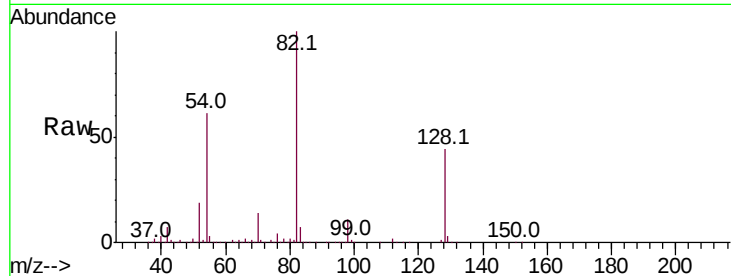




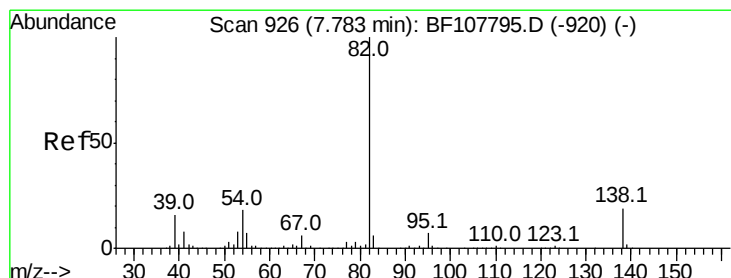
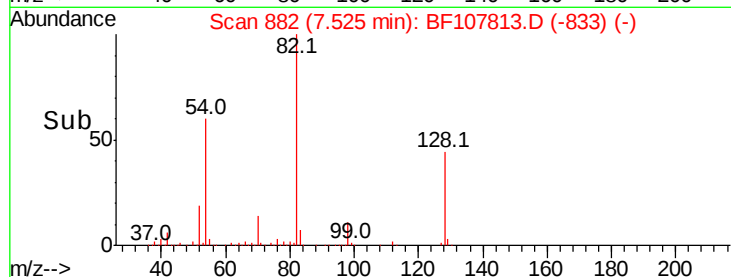
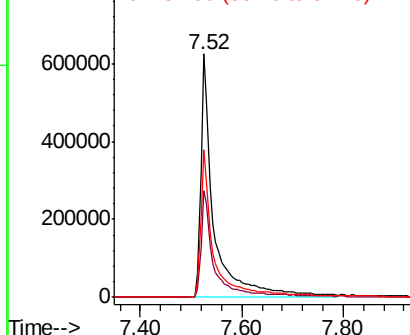
#23
Nitrobenzene-d5
Concen: 80.880 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1134105
Ion Ratio Lower Upper
82 100
128 43.6 36.1 54.1
54 60.5 41.4 62.2

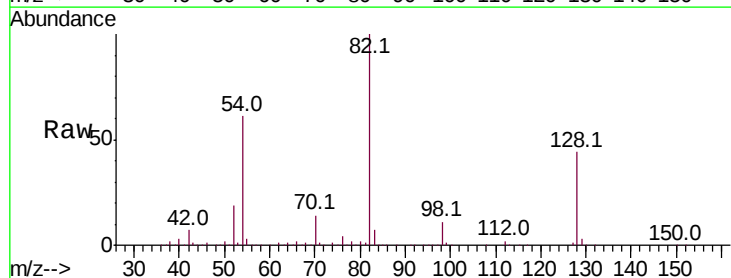


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

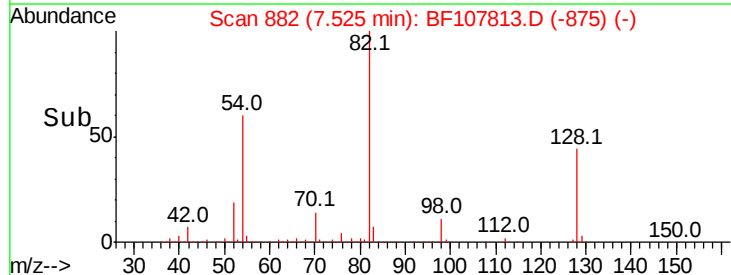
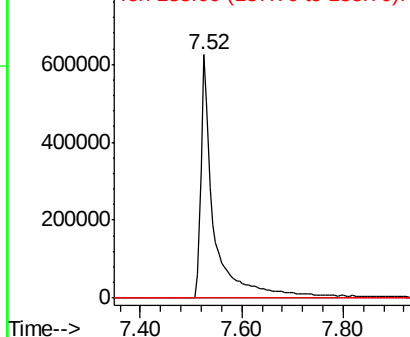


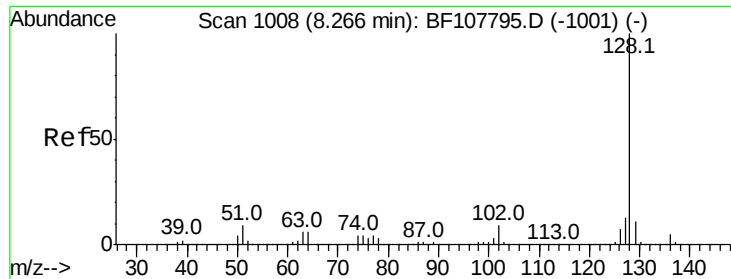
#25
Isophorone
Concen: 49.272 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion: 82 Resp: 1134105
Ion Ratio Lower Upper
82 100
95 0.1 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

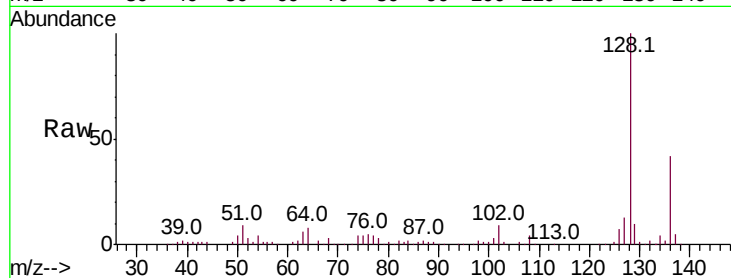




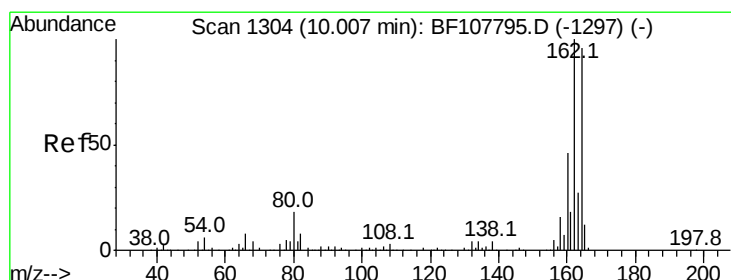
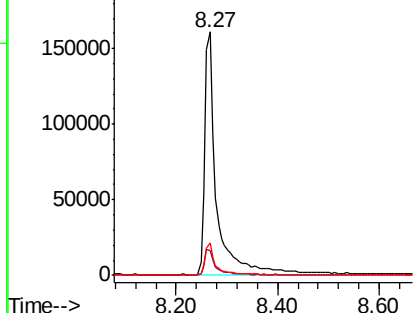
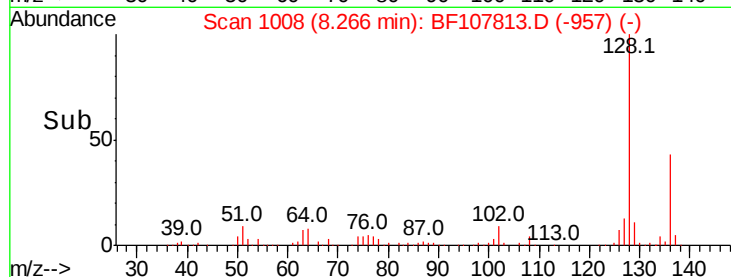
#31
Naphthalene
Concen: 7.054 ng
RT: 8.27 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 264868
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.2 10.9 16.3

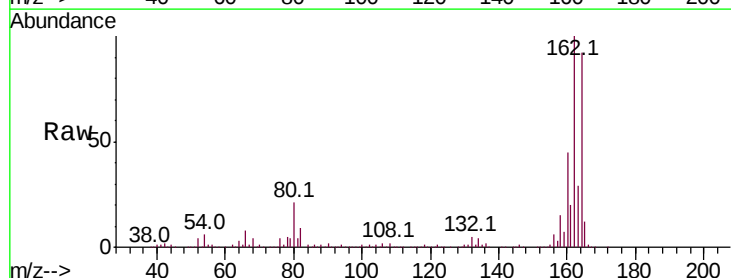


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

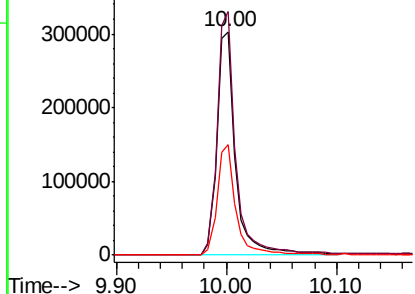
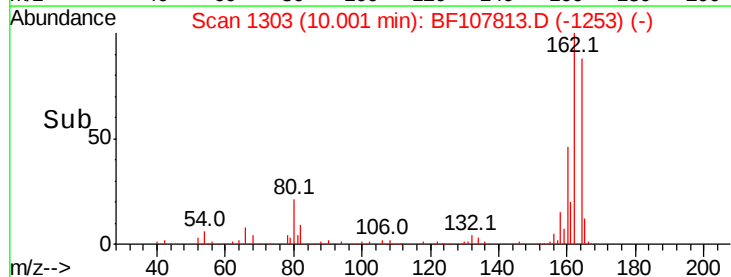


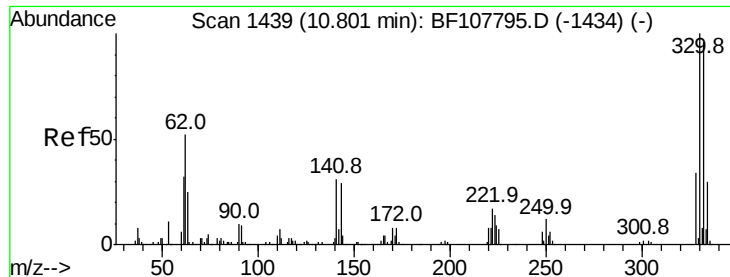
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion:164 Resp: 359076
Ion Ratio Lower Upper
164 100
162 109.0 86.1 129.1
160 49.5 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

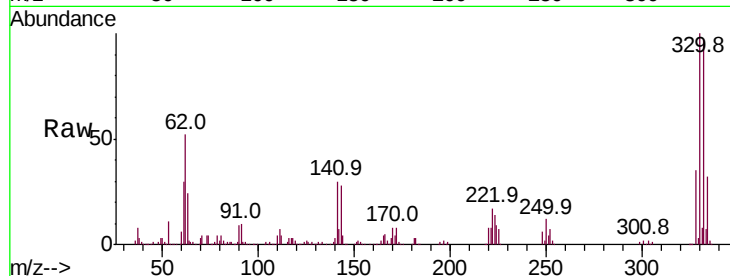




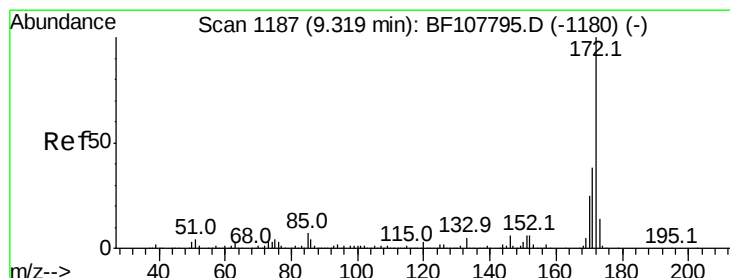
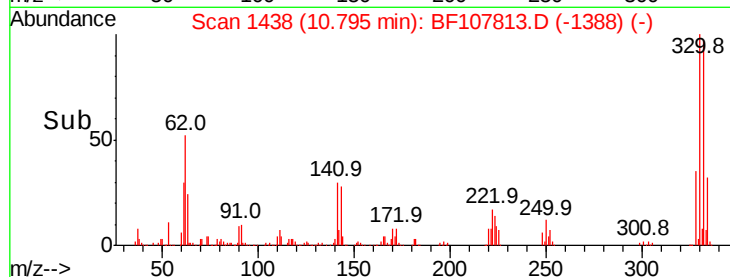
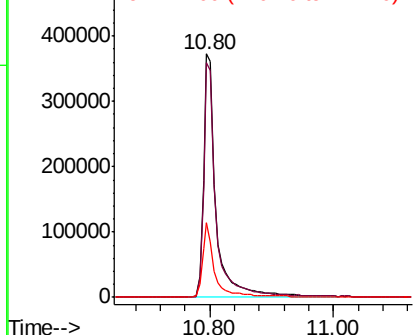
#41
 2,4,6-Tribromophenol
 Concen: 109.574 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107813.D
 Acq: 30 Jul 2018 21:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 534626
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 29.6 29.9 44.9#

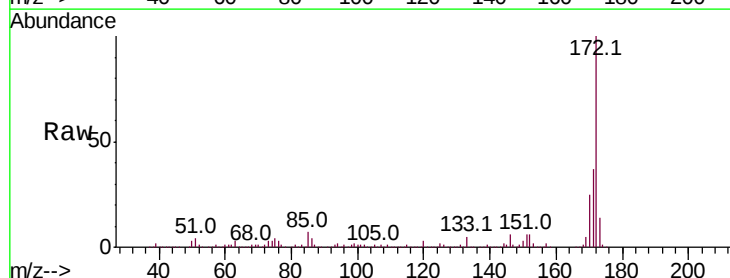


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

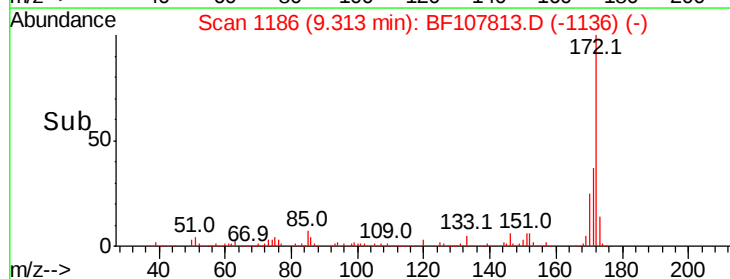
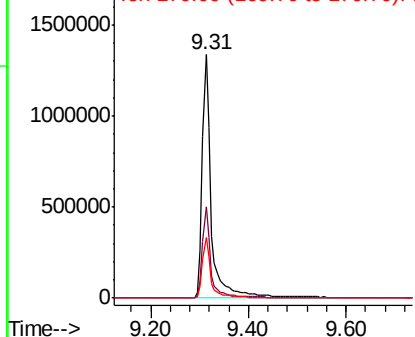


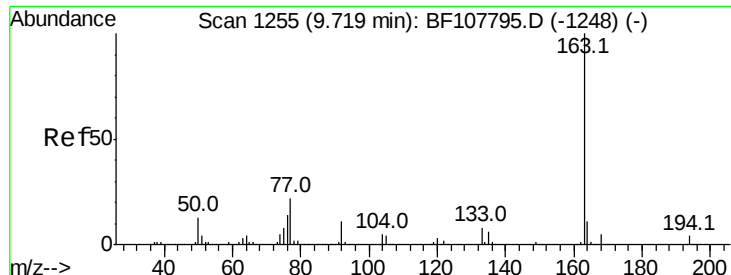
#44
 2-Fluorobiphenyl
 Concen: 67.906 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107813.D
 Acq: 30 Jul 2018 21:13

Tgt Ion:172 Resp: 1749820
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.7 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

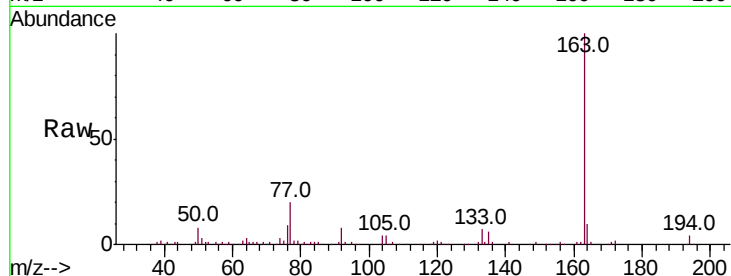




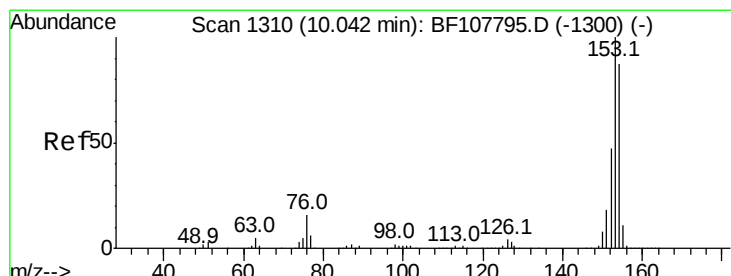
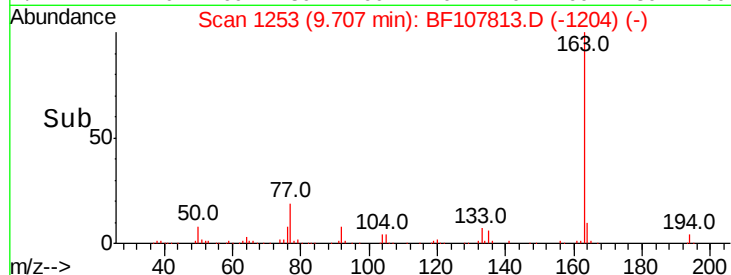
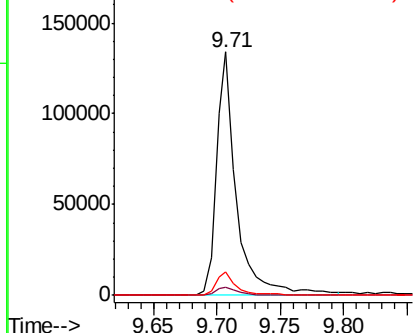
#49
Dimethylphthalate
Concen: 5.512 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 148651
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.8 8.2 12.2

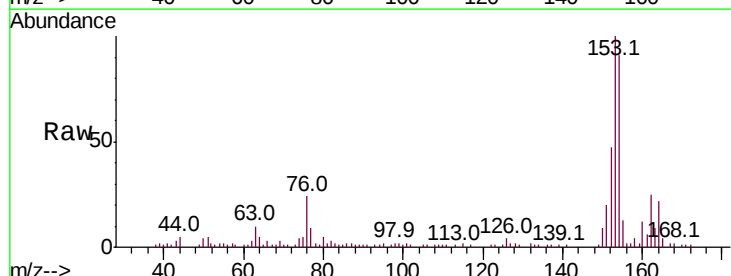


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

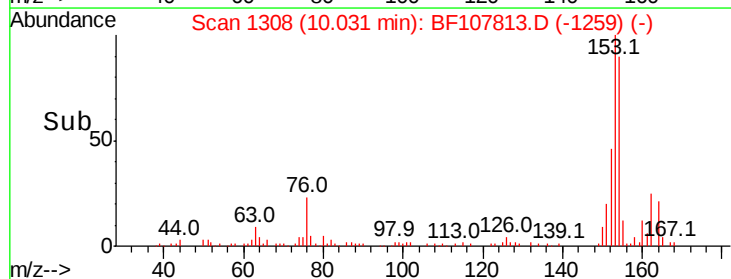
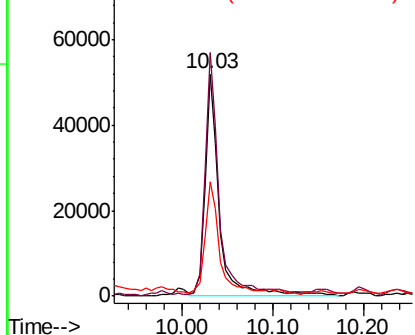


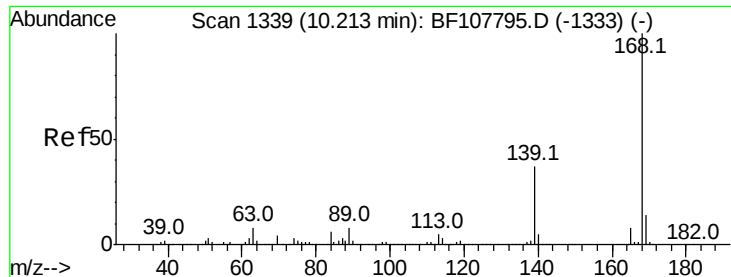
#51
Acenaphthene
Concen: 2.614 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion:154 Resp: 58017
Ion Ratio Lower Upper
154 100
153 109.6 91.2 136.8
152 51.2 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: 2.995 ng

RT: 10.21 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

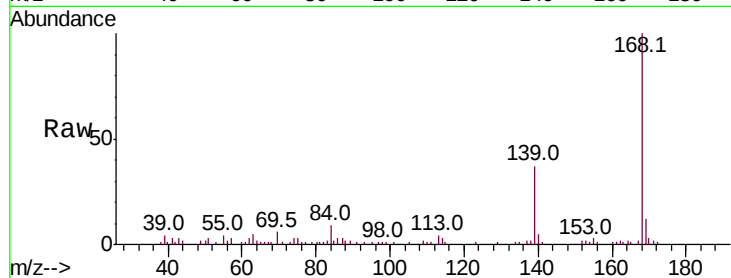
Tot Ion:168 Resp: 102726

Ion Ratio Lower Upper

168 100

139 36.8 30.1 45.1

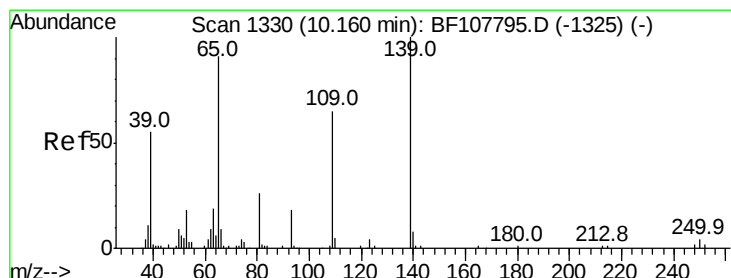
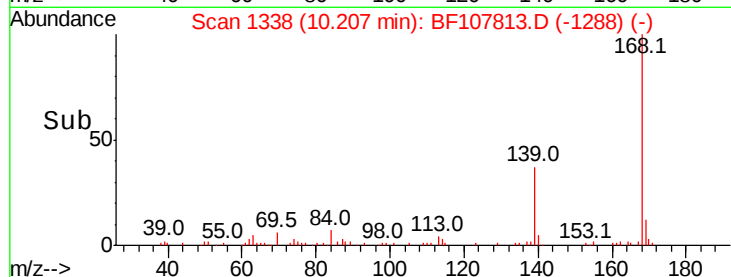
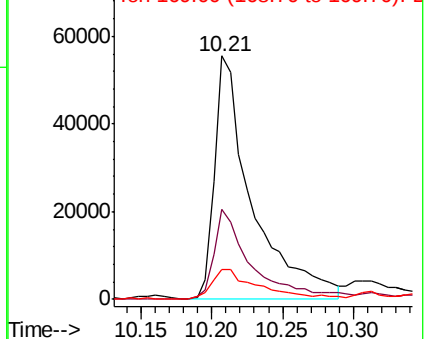
169 12.4 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 19.088 ng

RT: 10.21 min Scan# 1338

Delta R.T. 0.05 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

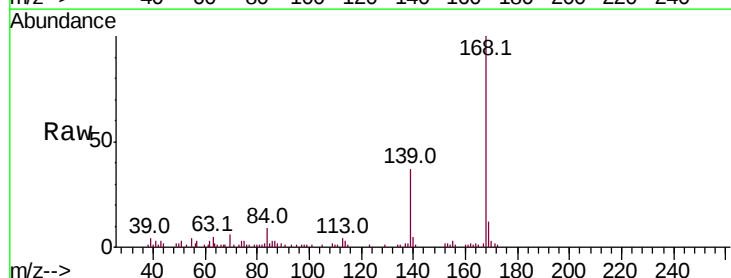
Tgt Ion:139 Resp: 38453

Ion Ratio Lower Upper

139 100

109 4.3 48.4 88.4#

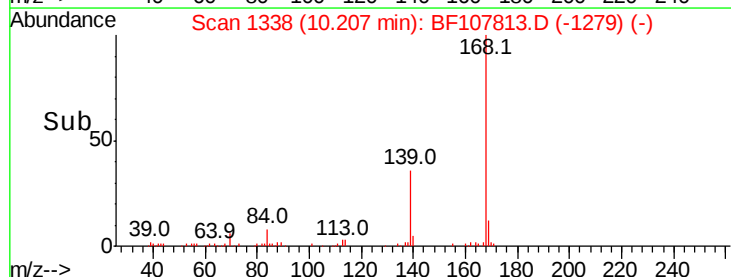
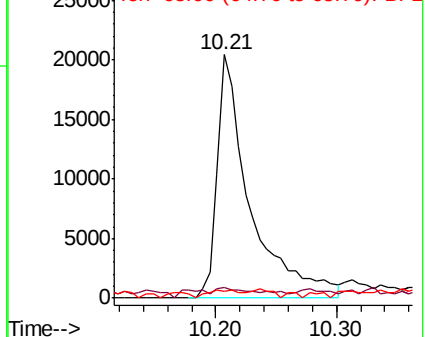
65 2.8 72.6 112.6#

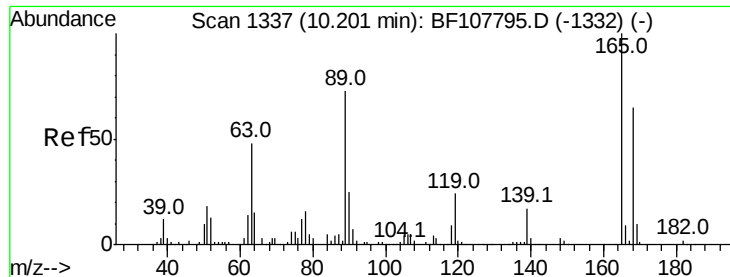


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

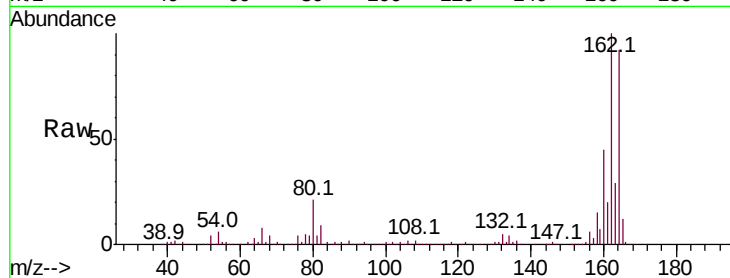




#56
2,4-Dinitrotoluene
Concen: 6.593 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



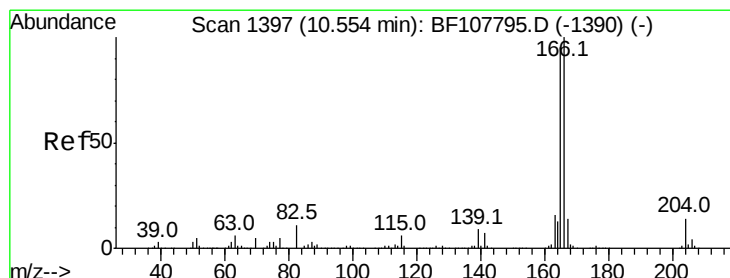
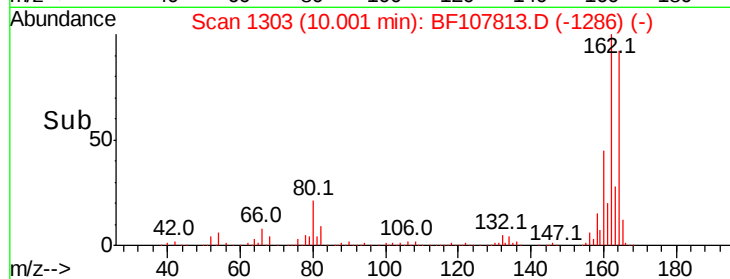
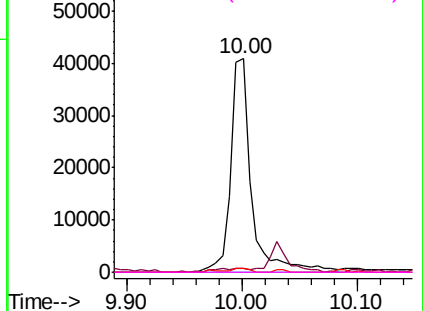
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

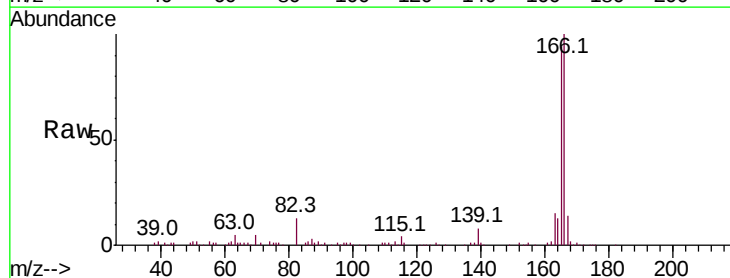
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 6.432 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	79.8	119.8
167	13.8	10.6	16.0

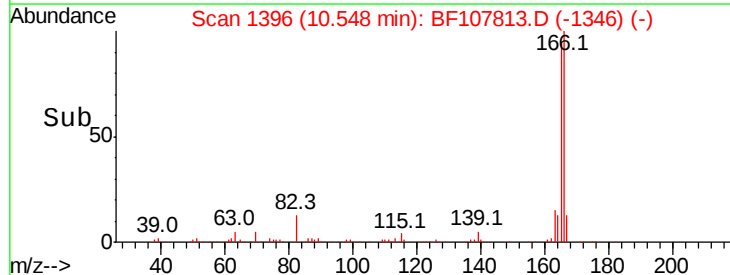
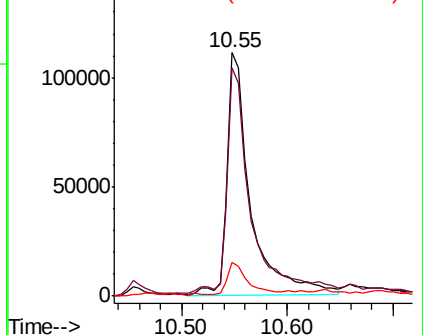


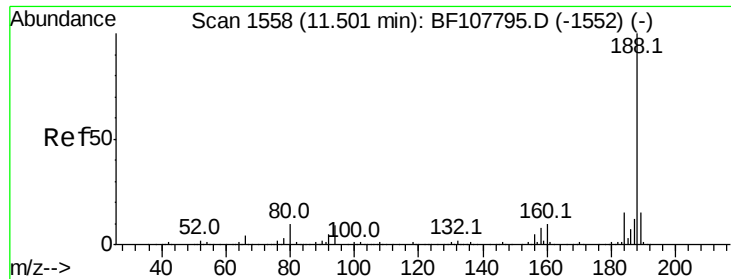
Abundance

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

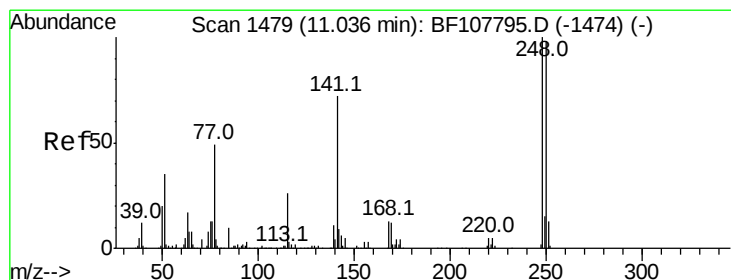
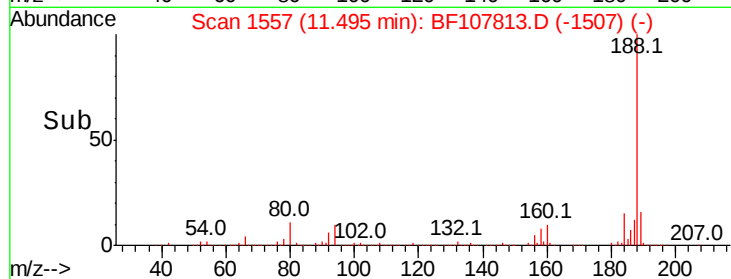
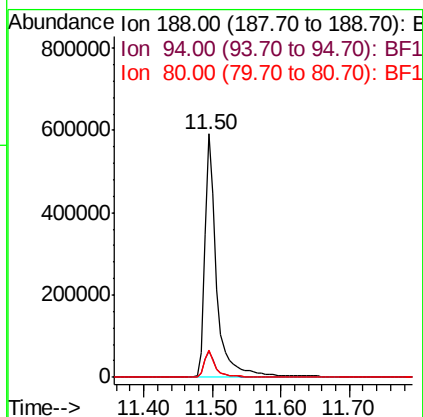
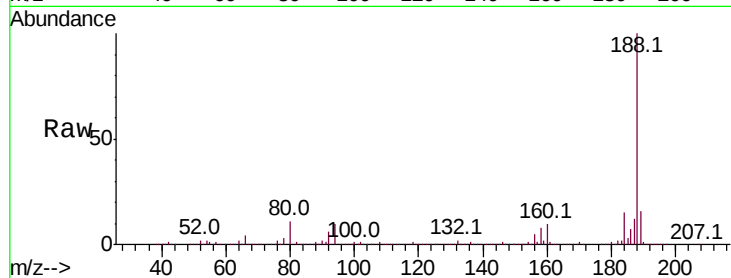




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107813.D
 Acq: 30 Jul 2018 21:13

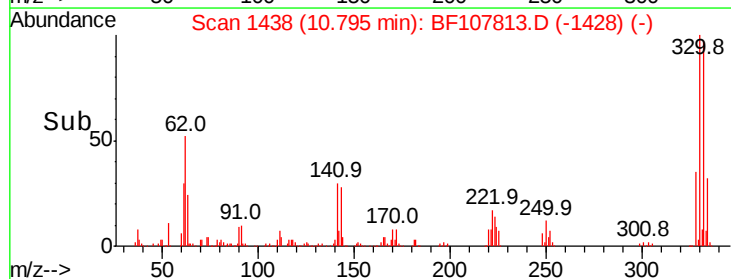
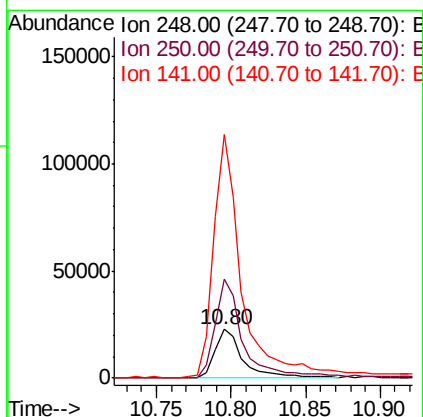
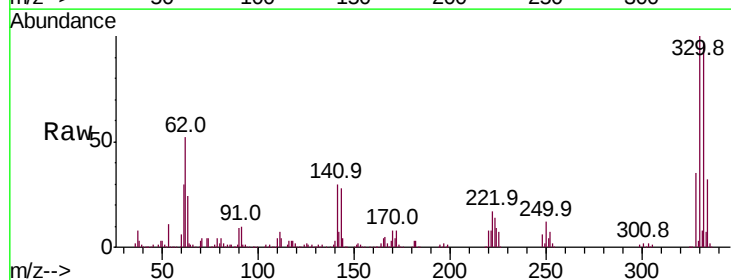
Instrument :
 BNA_F
 ClientSampleId :

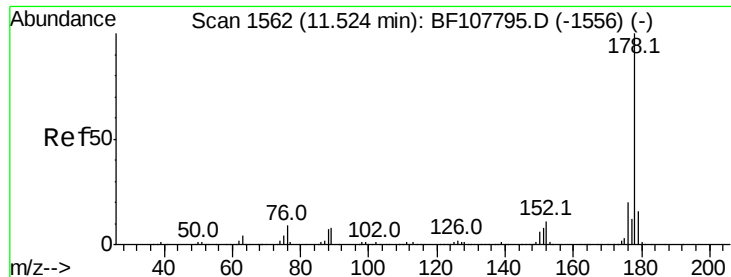
Tot Ion:188 Resp: 738318
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.1 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.543 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107813.D
 Acq: 30 Jul 2018 21:13

Tgt Ion:248 Resp: 30490
 Ion Ratio Lower Upper
 248 100
 250 201.7 76.9 115.3#
 141 496.7 74.4 111.6#

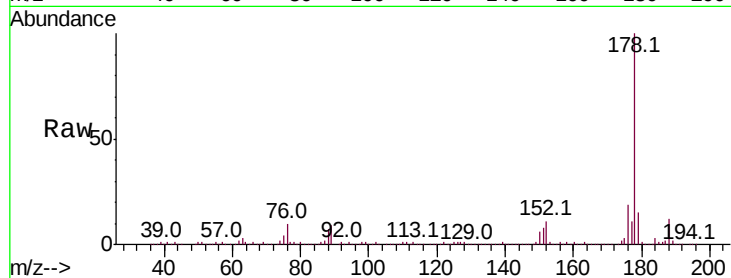




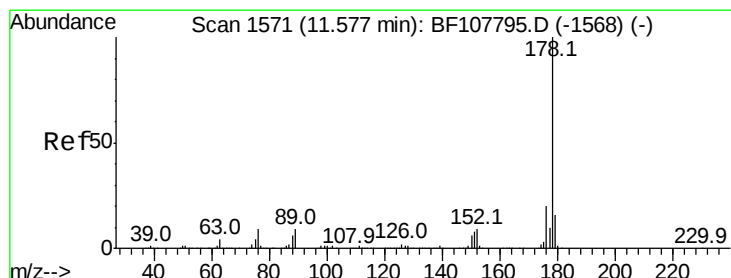
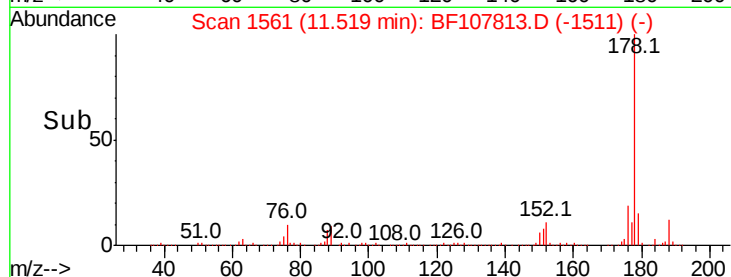
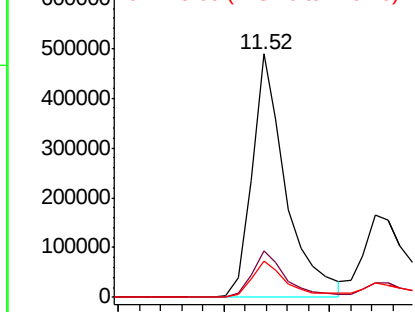
#70
Phenanthrene
Concen: 15.479 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 542665
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.1 13.0 19.6

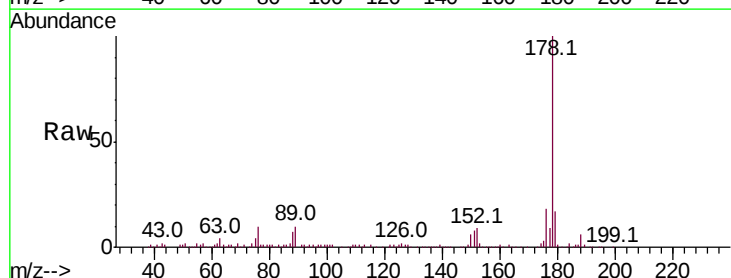


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

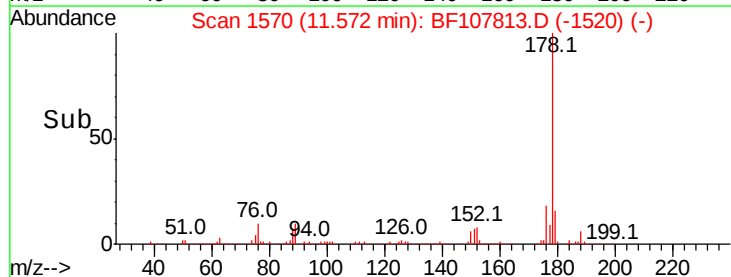
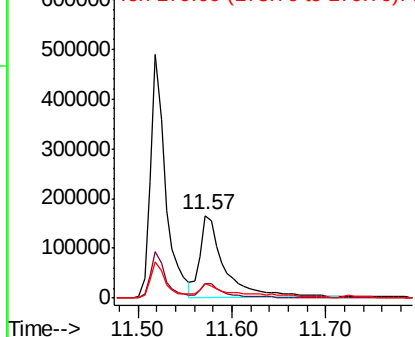


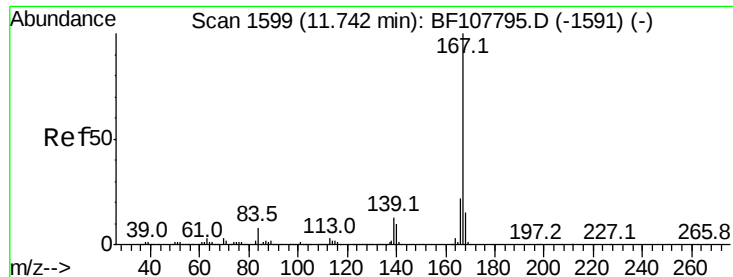
#71
Anthracene
Concen: 7.310 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion:178 Resp: 295579
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 16.9 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: 2.444 ng

RT: 11.75 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

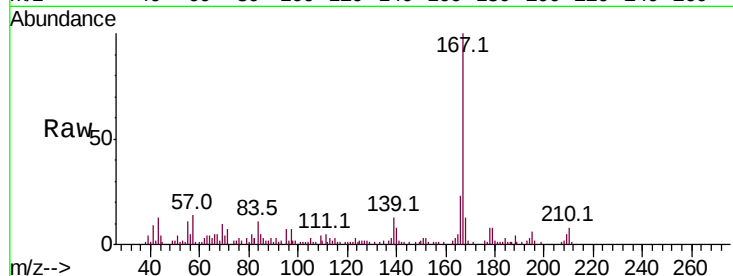
Tot Ion:167 Resp: 97675

Ion Ratio Lower Upper

167 100

166 22.8 17.6 26.4

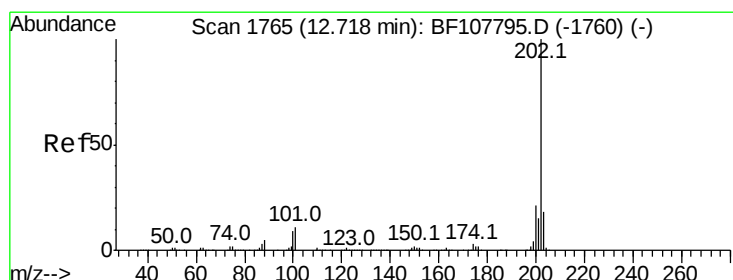
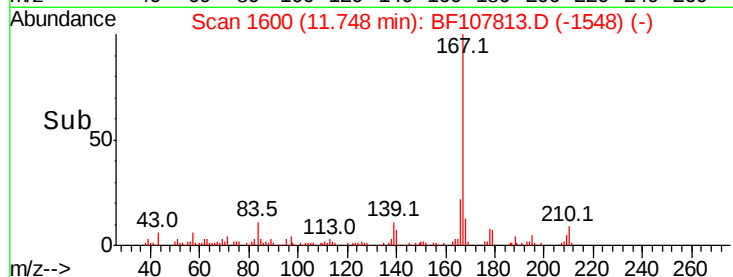
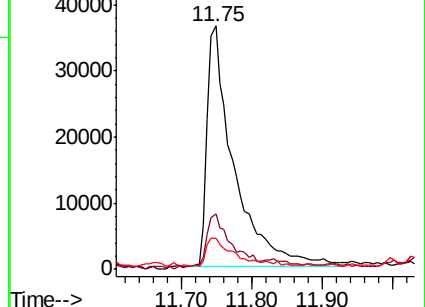
139 12.7 10.9 16.3



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: 18.688 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

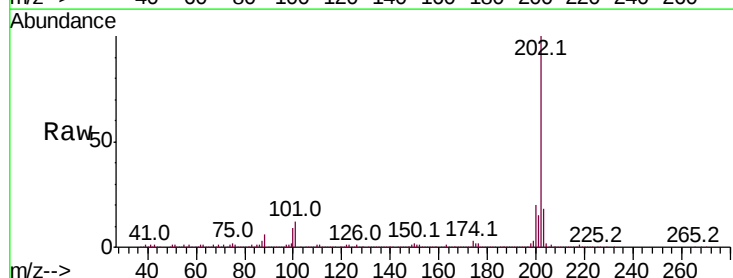
Tgt Ion:202 Resp: 769682

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.1

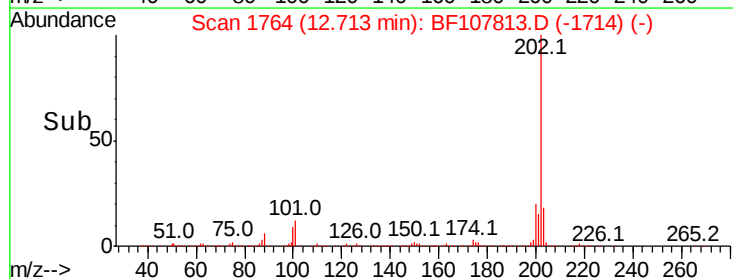
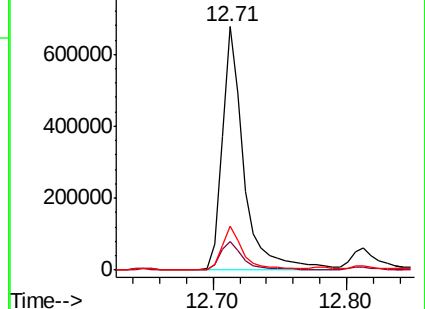
203 17.9 0.0 38.1

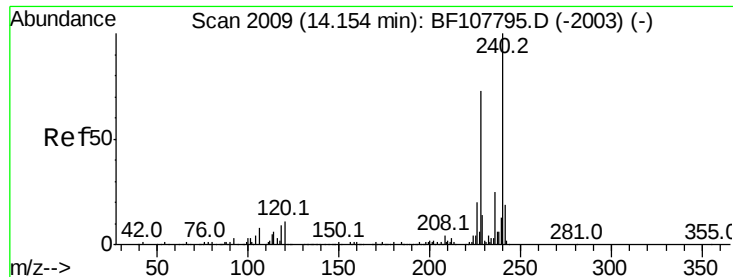


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2008

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

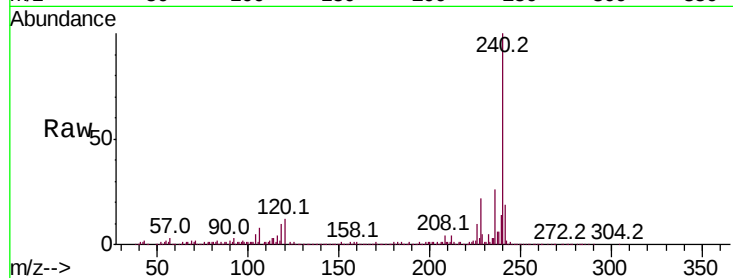
Tot Ion:240 Resp: 529200

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

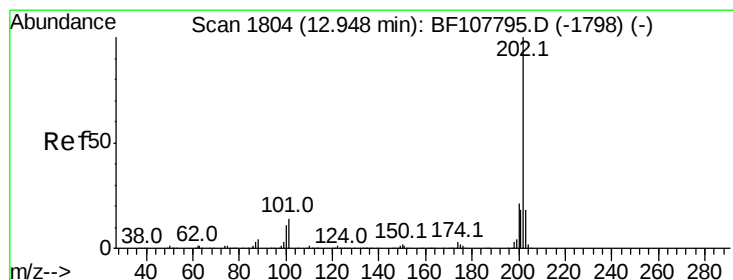
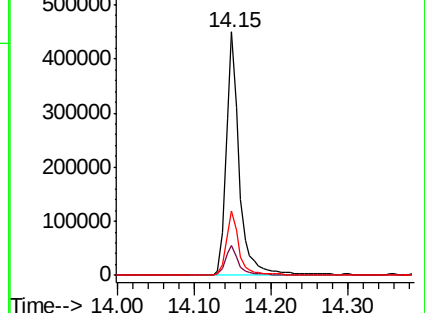
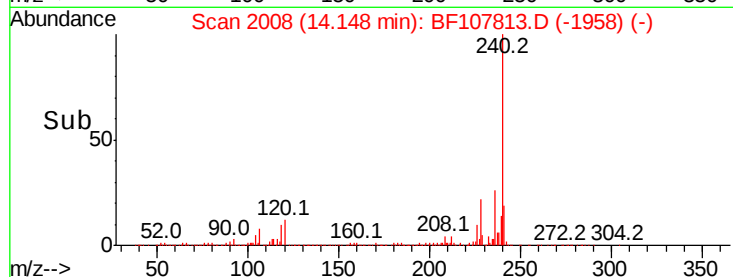
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 16.180 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

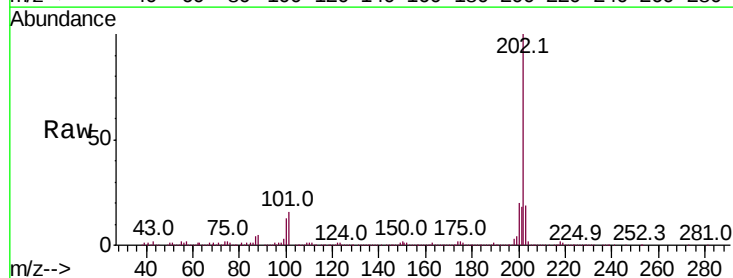
Tgt Ion:202 Resp: 616552

Ion Ratio Lower Upper

202 100

200 19.9 17.4 26.2

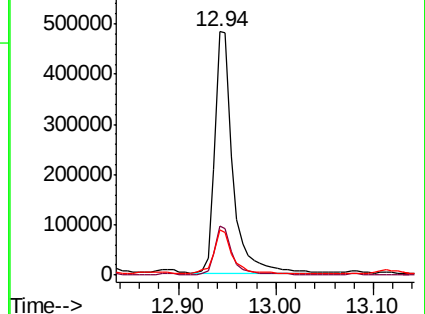
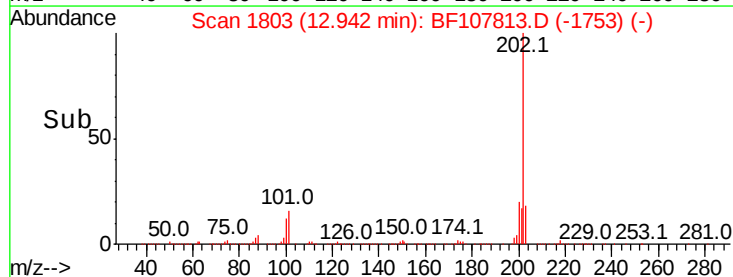
203 18.7 14.3 21.5

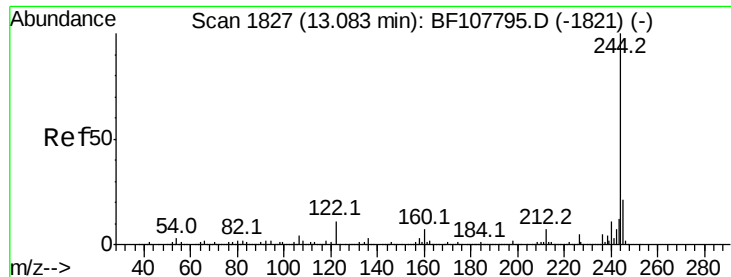


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.951 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

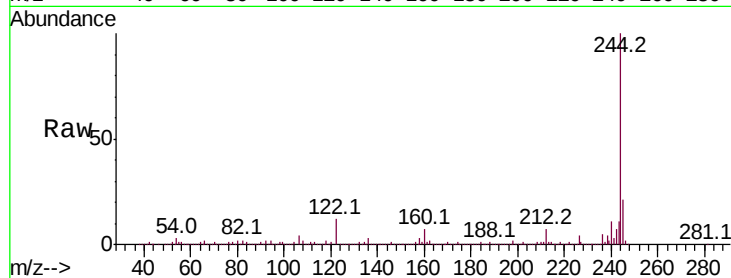
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1633917

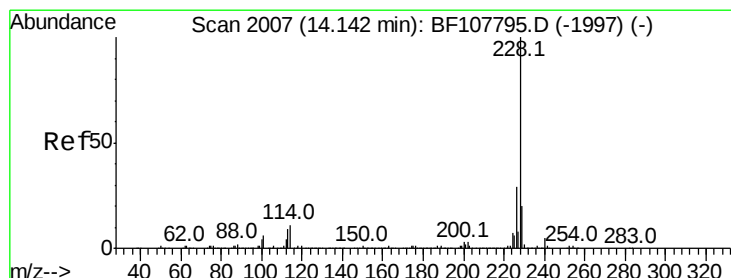
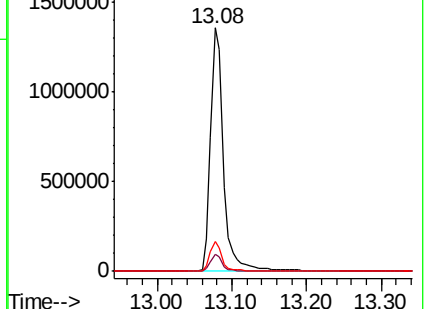
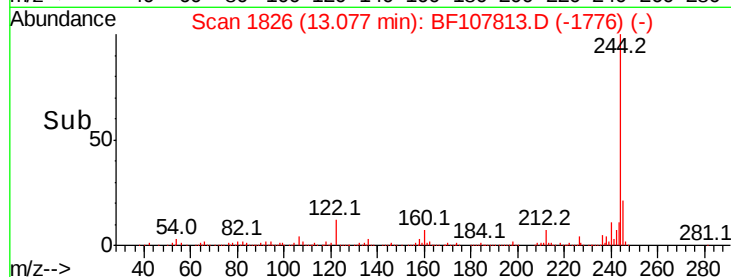
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.1	11.0	16.4



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: 10.588 ng

RT: 14.14 min Scan# 2006

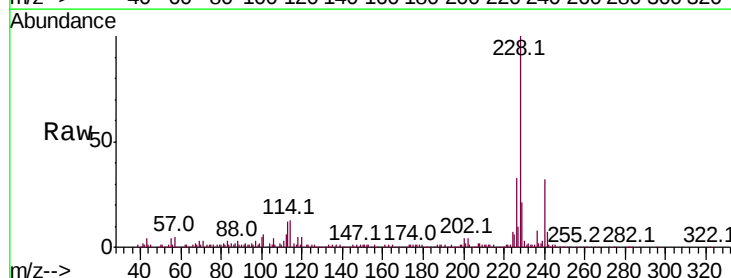
Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Tgt Ion:228 Resp: 317400

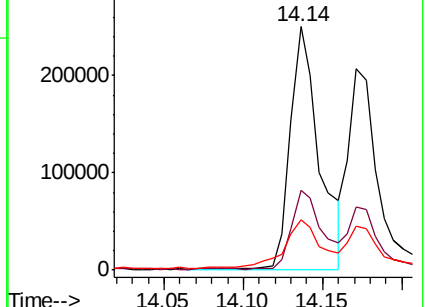
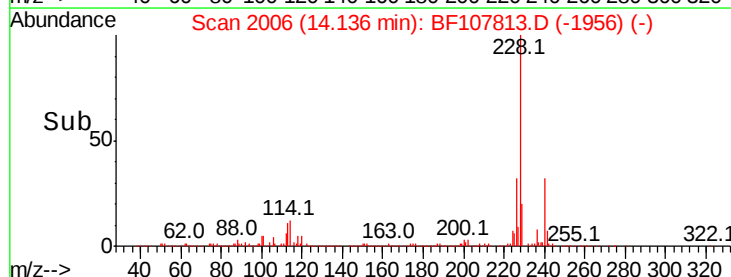
Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	20.8	15.8	23.6

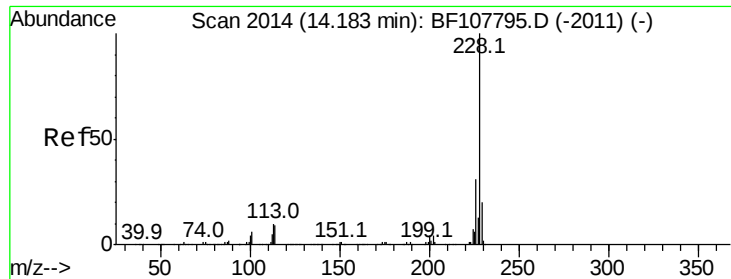


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 8.249 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

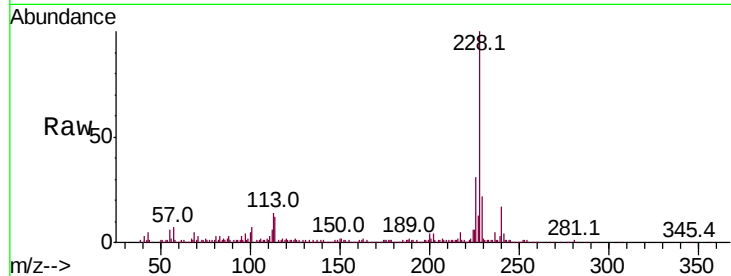
Tot Ion:228 Resp: 266716

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

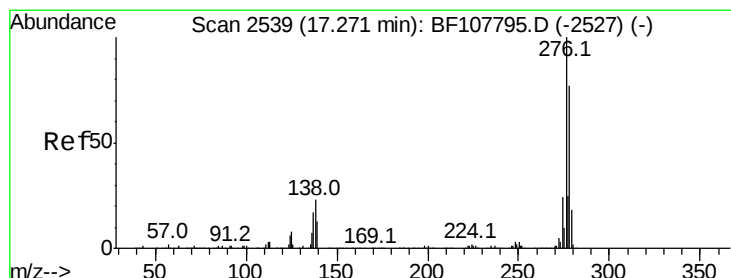
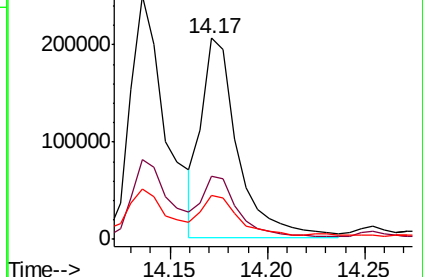
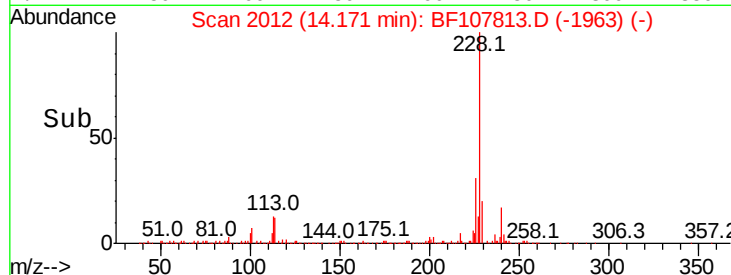
229 21.6 16.2 24.4



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: 5.410 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

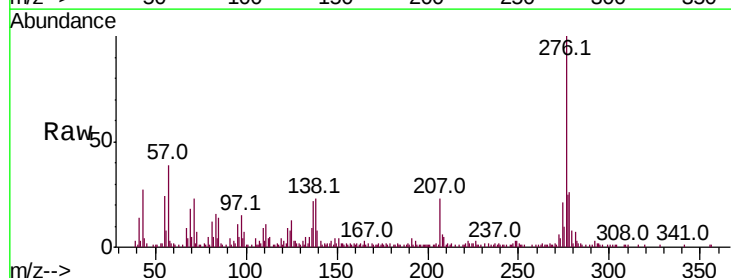
Tgt Ion:276 Resp: 133055

Ion Ratio Lower Upper

276 100

138 20.7 25.0 37.6#

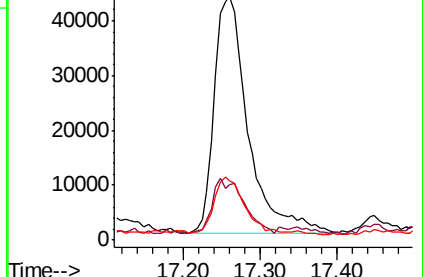
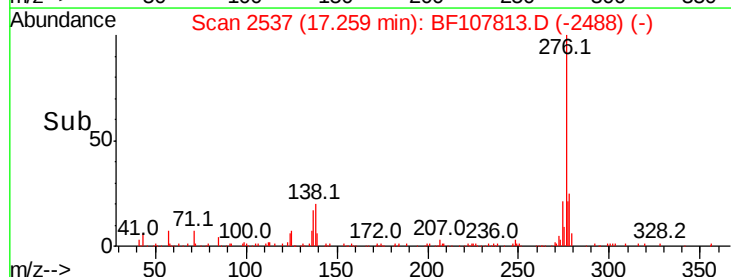
277 20.8 20.1 30.1

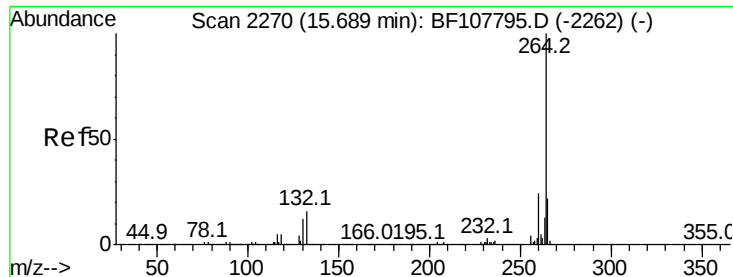


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



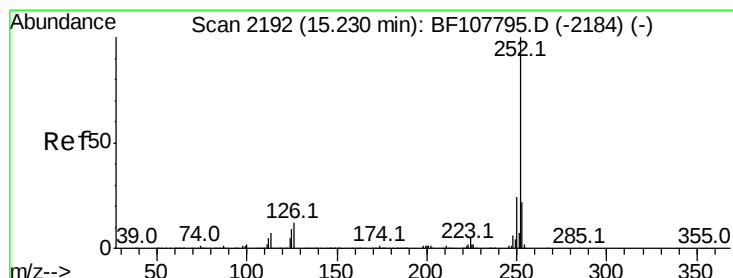
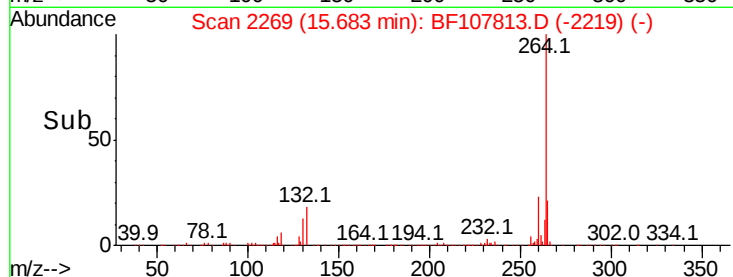
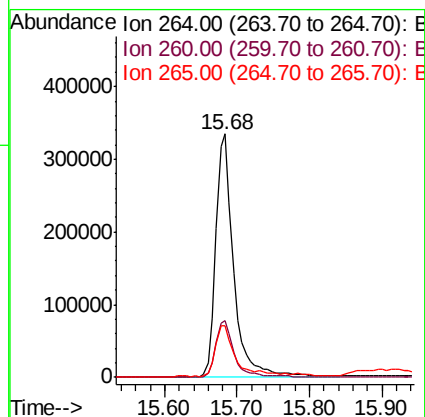
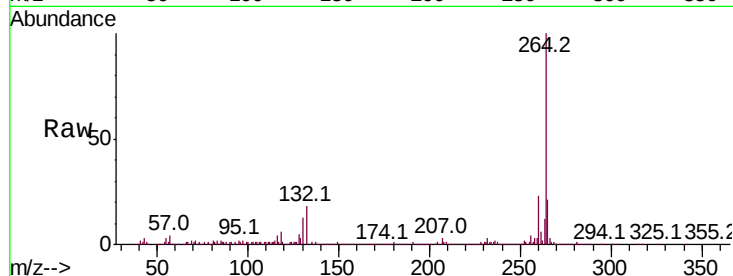


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 573822

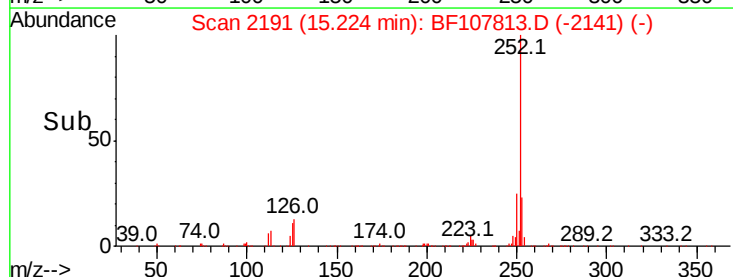
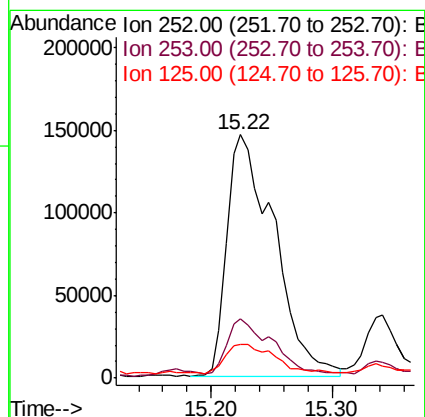
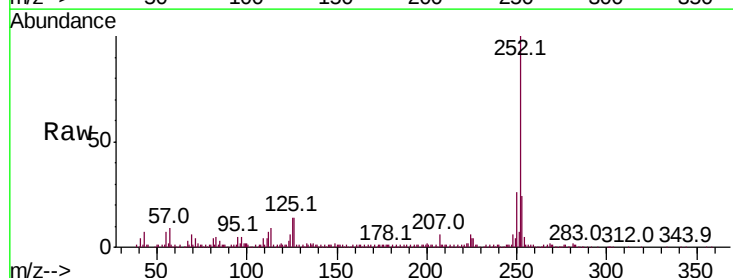
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

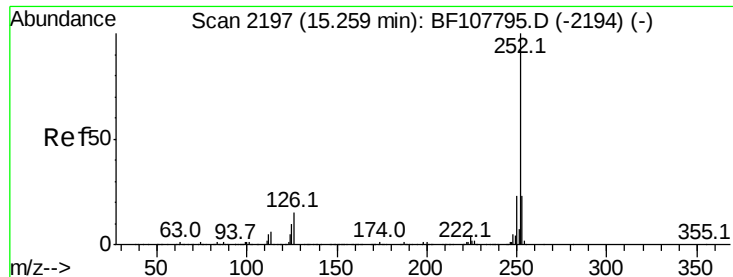


#87
Benzo(b)fluoranthene
Concen: 13.923 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion:252 Resp: 394038

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	13.8	9.0	13.6

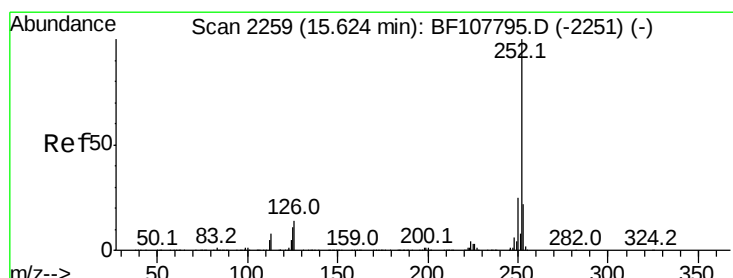
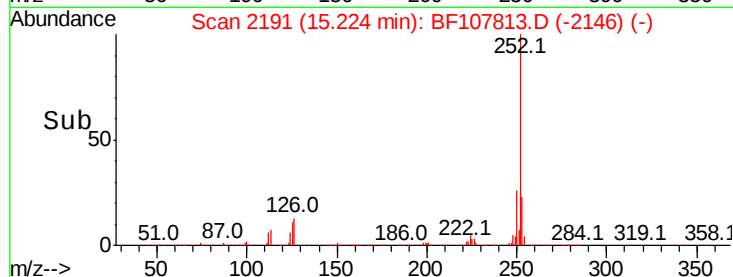
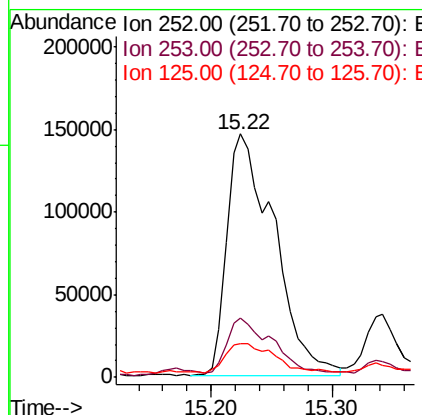
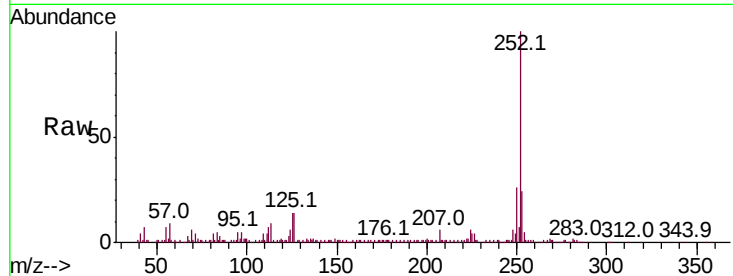




#88
Benzo(k)fluoranthene
Concen: 11.340 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

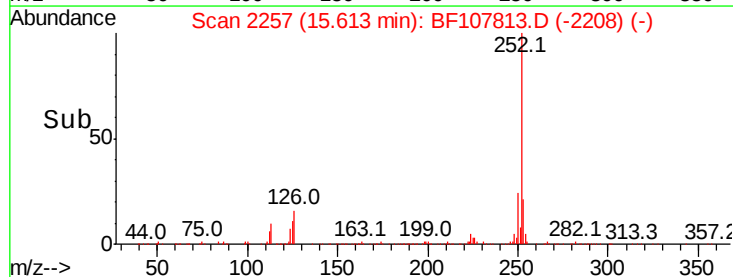
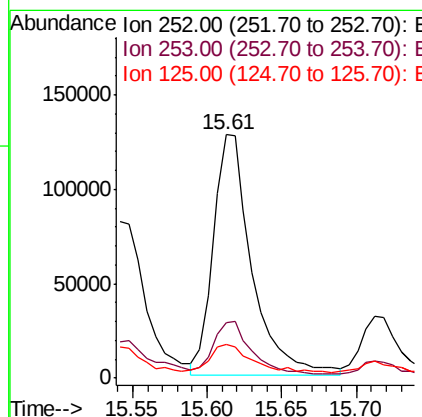
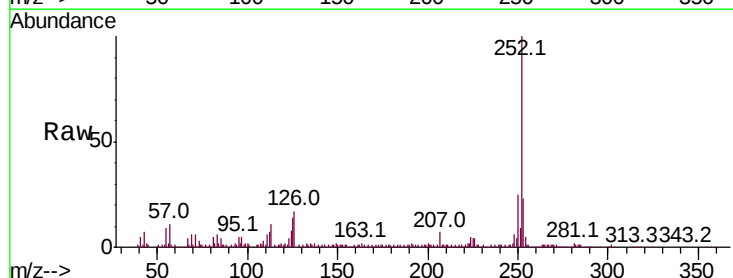
Instrument :
BNA_F
ClientSampleId :

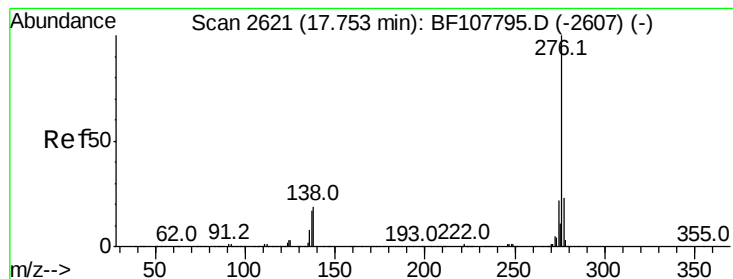
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	13.8	10.2	15.2



#89
Benzo(a)pyrene
Concen: 7.890 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107813.D
Acq: 30 Jul 2018 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.8	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 4.539 ng

RT: 17.73 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF107813.D

Acq: 30 Jul 2018 21:13

Instrument :

BNA_F

ClientSampleId :

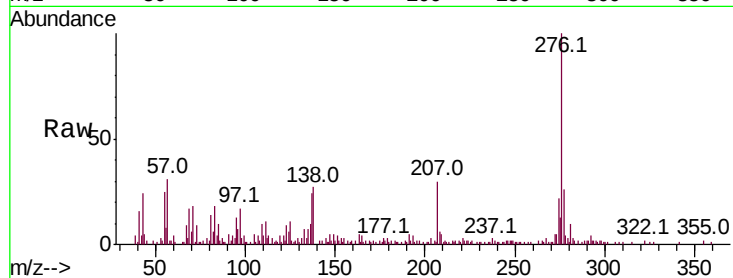
Tot Ion:276 Resp: 111924

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 27.3 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

