

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107821.D
 Acq On : 31 Jul 2018 00:47
 Operator : JU/SJ
 Sample : J4143-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 02:08:41 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	183330	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	781065	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	297764	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	502489	20.00	ng	0.00
75) Chrysene-d12	14.15	240	473785	20.00	ng	0.00
86) Perylene-d12	15.69	264	375025	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	608929	56.45	ng	0.00
7) Phenol-d6	6.60	99	865220	60.86	ng	0.00
23) Nitrobenzene-d5	7.52	82	507254	37.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	180562	44.63	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	877078	41.05	ng	0.00
78) Terphenyl-d14	13.09	244	720191	32.96	ng	0.00

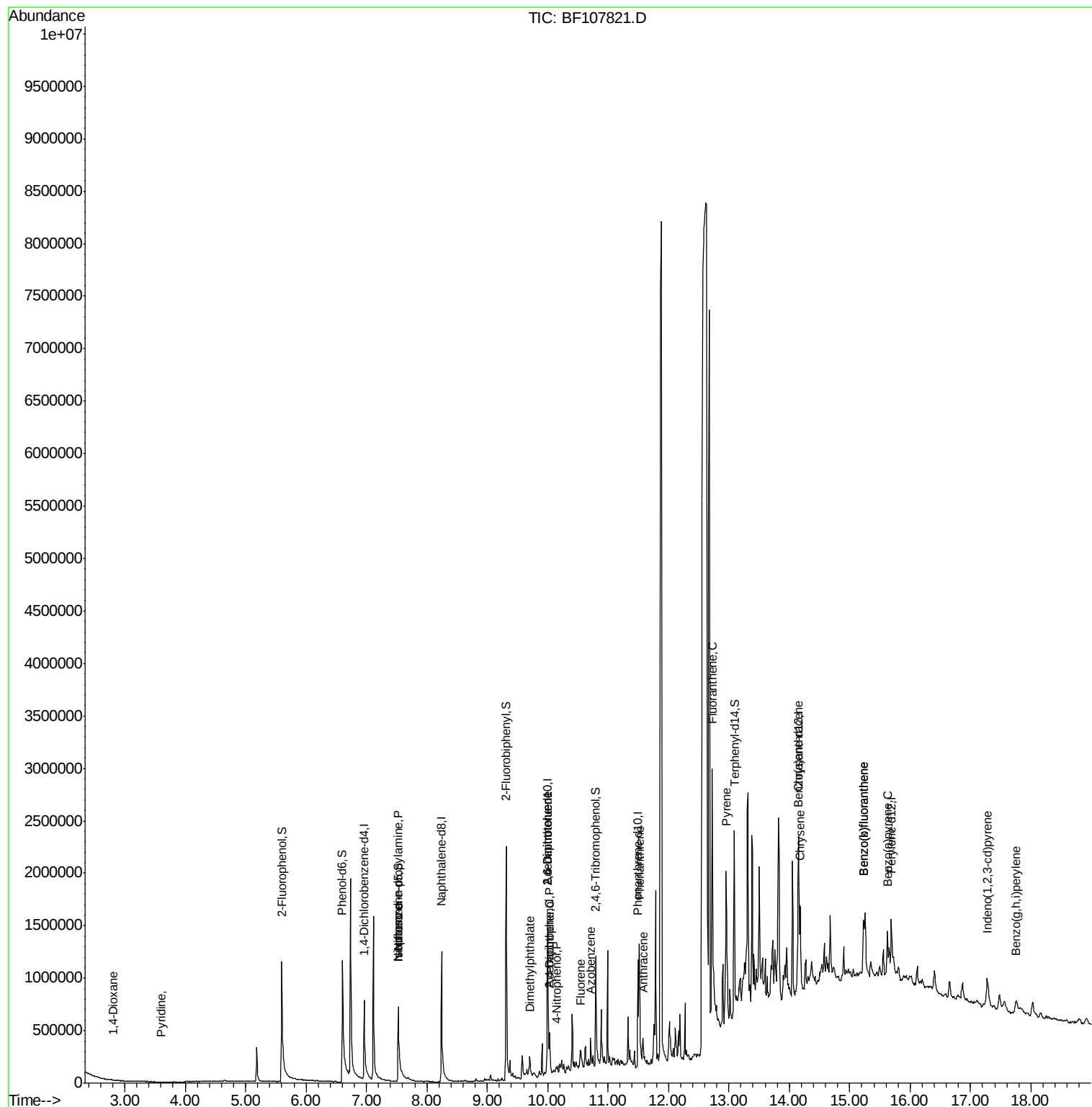
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.81	88	238	5.835	ng	# 17
3) Pyridine	3.60	79	122	6.263	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	60813	6.743	ng	# 80
25) Isophorone	7.52	82	507254	22.793	ng	# 64
49) Dimethylphthalate	9.71	163	74481	3.331	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	41336	8.506	ng	# 26
51) Acenaphthene	10.03	154	65115	3.538	ng	# 96
53) 2,4-Dinitrophenol	10.02	184	207	8.513	ng	# 1
55) 4-Nitrophenol	10.15	139	1637	9.814	ng	# 29
56) 2,4-Dinitrotoluene	10.00	165	42111	6.593	ng	# 23
57) Fluorene	10.55	166	62593	2.832	ng	# 94
62) Azobenzene	10.71	77	48260	2.155	ng	# 1
70) Phenanthrene	11.52	178	496452	20.807	ng	# 99
71) Anthracene	11.58	178	178400	6.482	ng	# 100
74) Fluoranthene	12.72	202	914331	32.619	ng	# 97
77) Pyrene	12.96	202	826771	24.234	ng	# 96
80) Benzo(a)anthracene	14.14	228	451241	16.813	ng	# 95
82) Chrysene	14.18	228	374525	12.938	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.28	276	149816	6.804	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	555625	30.040	ng	# 92
88) Benzo(k)fluoranthene	15.23	252	555625	24.468	ng	# 95
89) Benzo(a)pyrene	15.62	252	288311	15.099	ng	# 93
91) Benzo(g,h,i)perylene	17.76	276	141585	8.785	ng	# 90

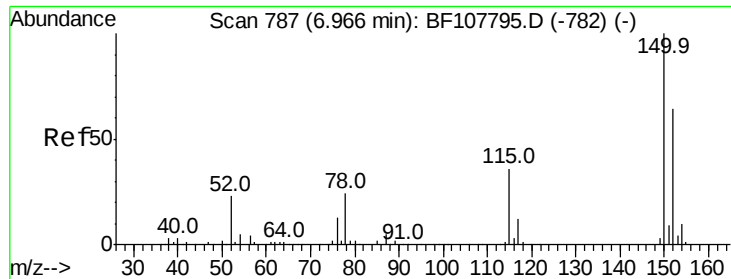
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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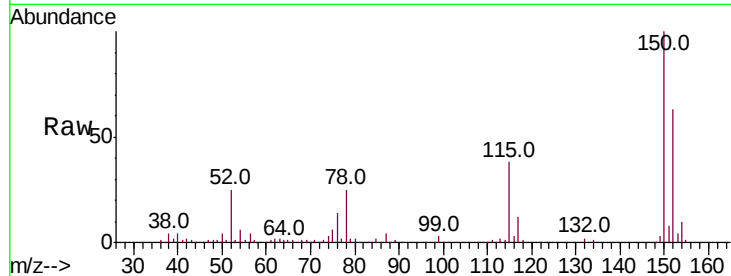


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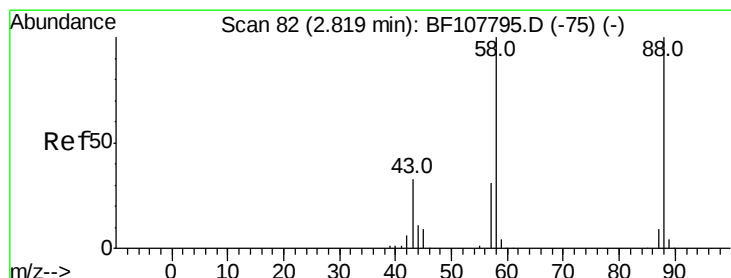
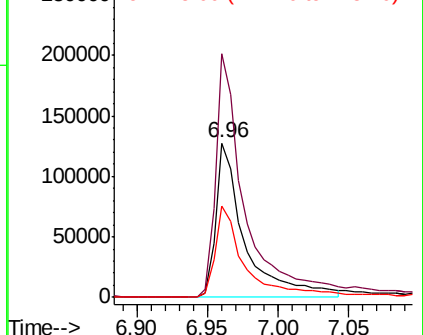
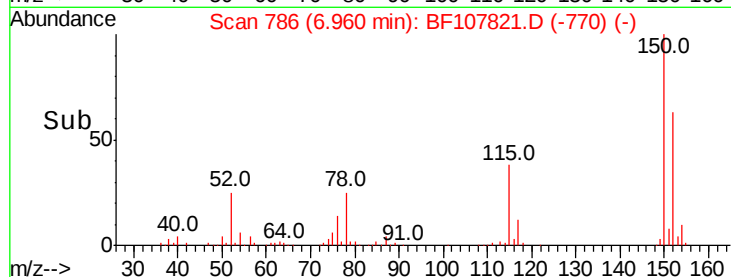
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 183330
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 59.5 50.1 75.1



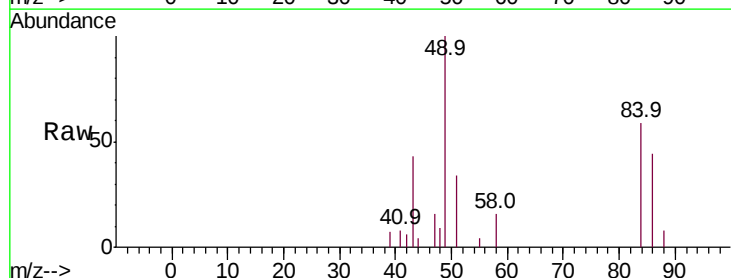
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



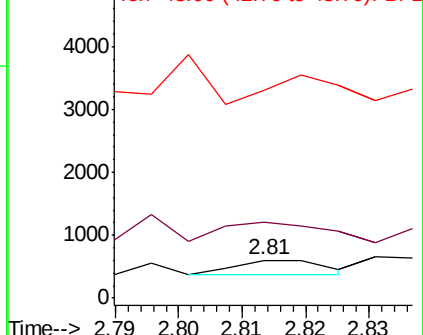
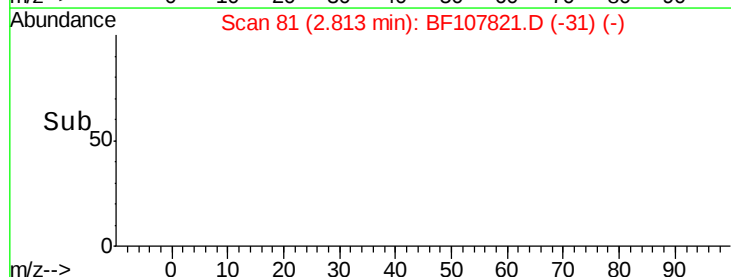
#2

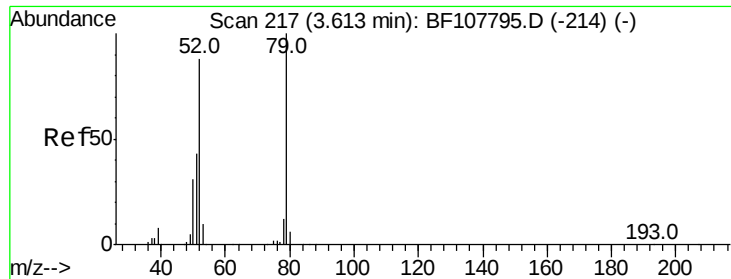
1,4-Dioxane
Concen: 5.835 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Tgt Ion: 88 Resp: 238
Ion Ratio Lower Upper
88 100
58 159.7 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: 3.60 min Scan# 215

Delta R.T. -0.01 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampleId :

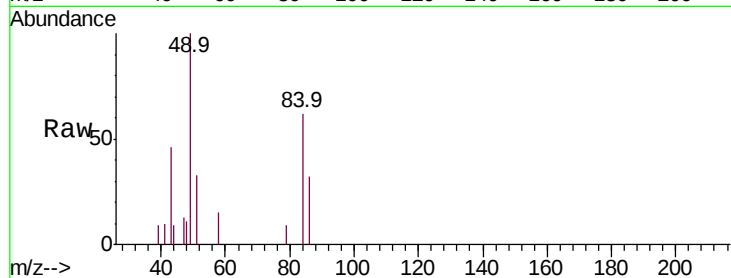
Tot Ion: 79 Resp: 122

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

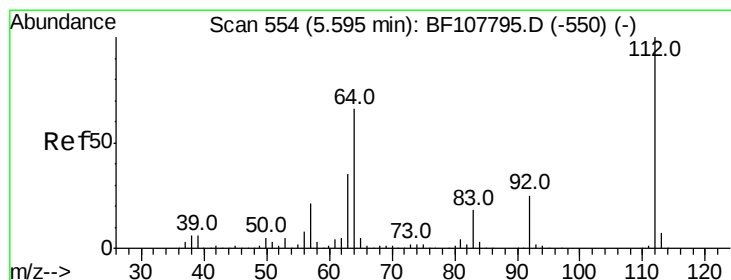
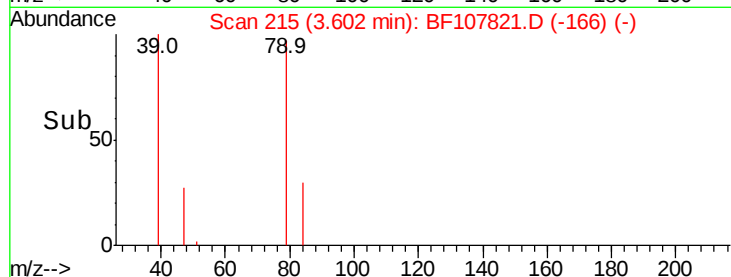
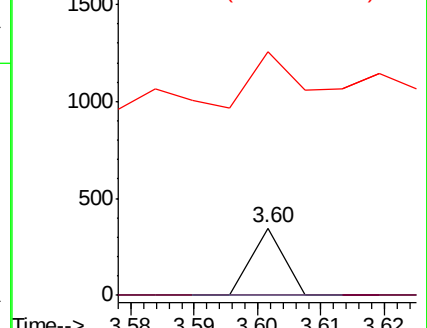
51 363.0 29.8 44.8#



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: 56.450 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

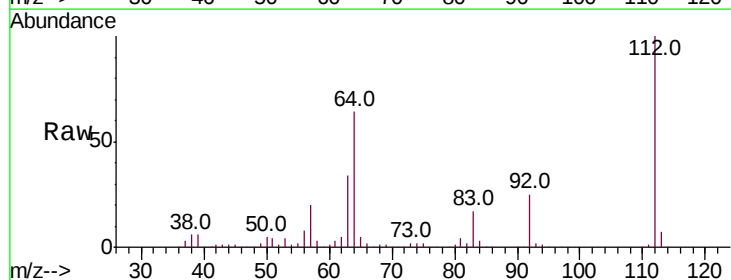
Tgt Ion: 112 Resp: 608929

Ion Ratio Lower Upper

112 100

64 64.4 47.9 71.9

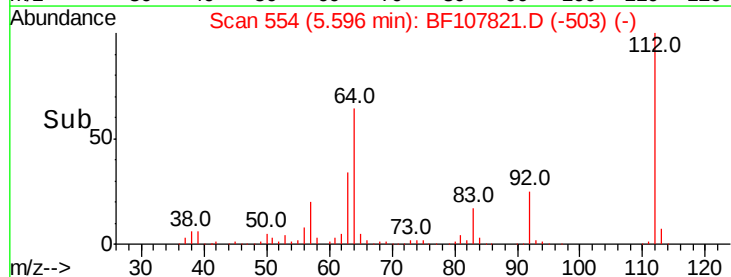
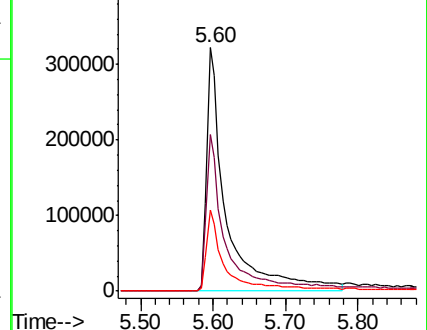
63 33.5 23.7 35.5

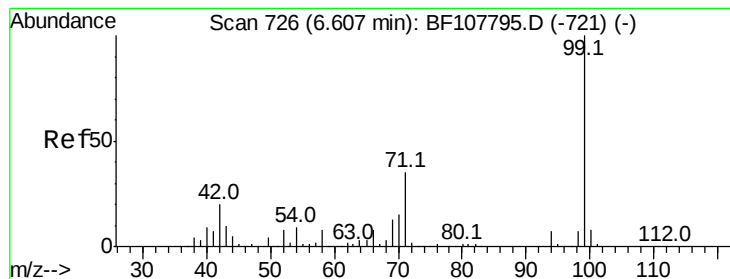


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 60.860 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampled :

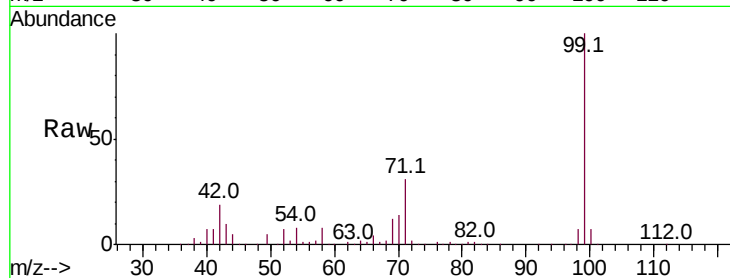
Tot Ion: 99 Resp: 865220

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

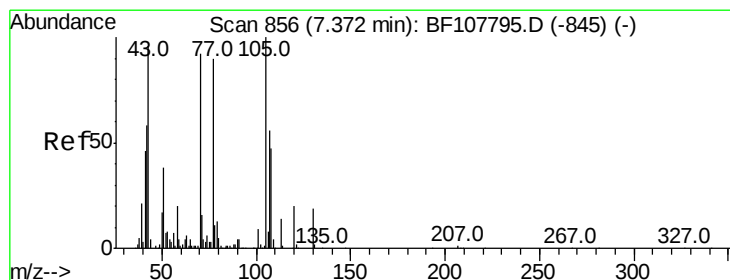
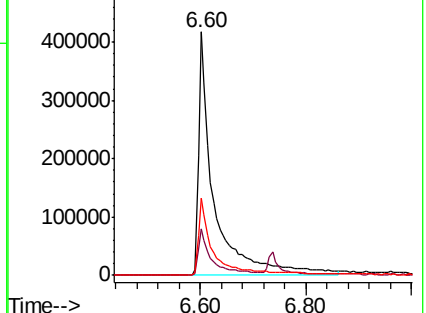
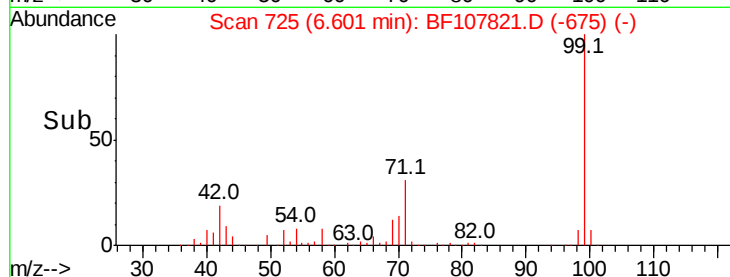
71 31.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.743 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Tgt Ion: 70 Resp: 60813

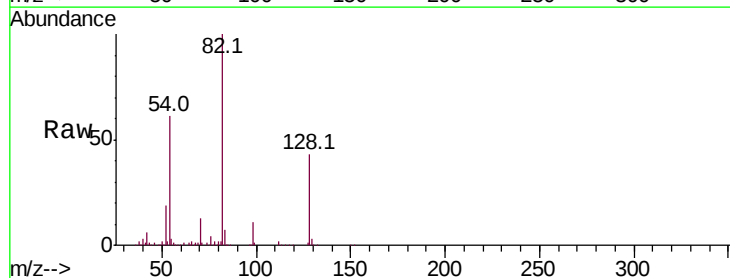
Ion Ratio Lower Upper

70 100

42 50.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

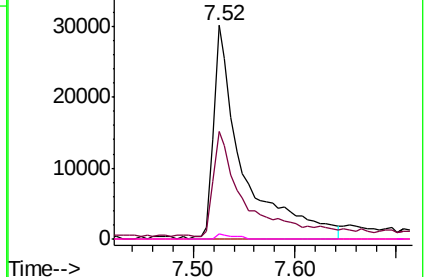
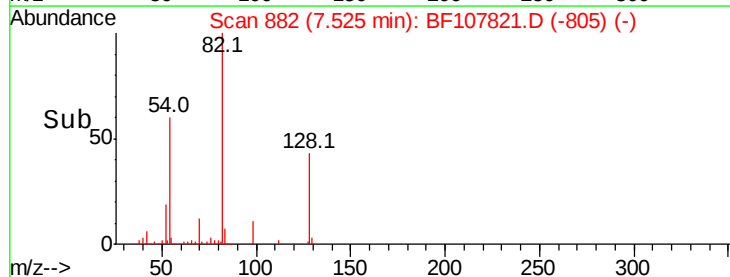


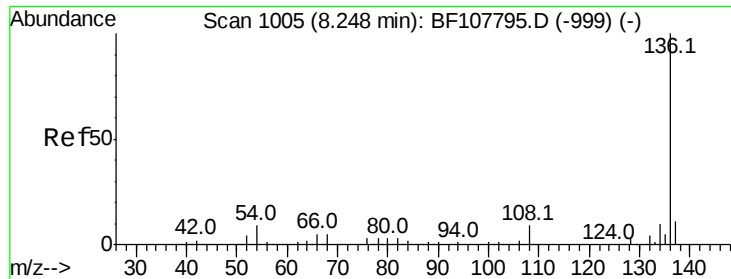
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

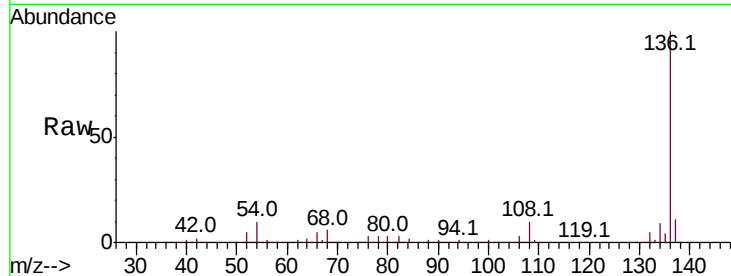




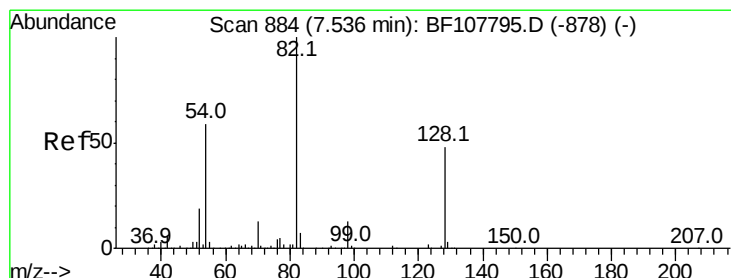
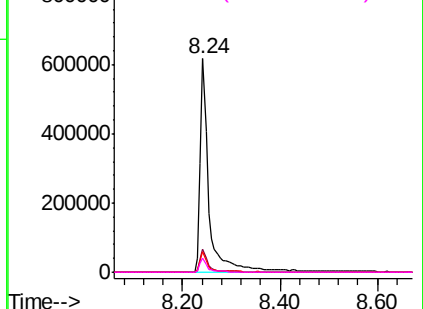
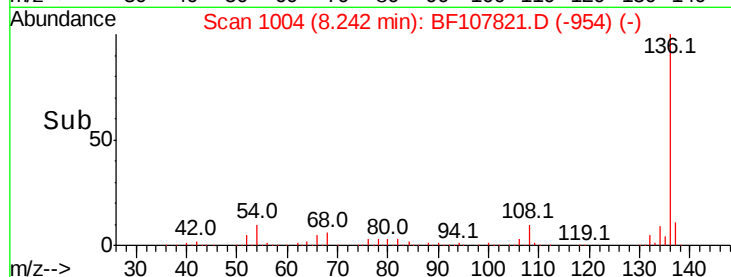
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	781065
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.8	6.6	9.8
68	6.5	5.0	7.4

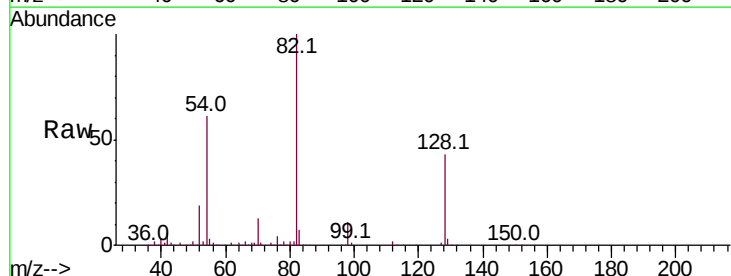


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

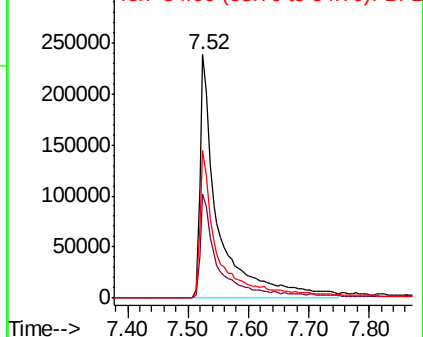
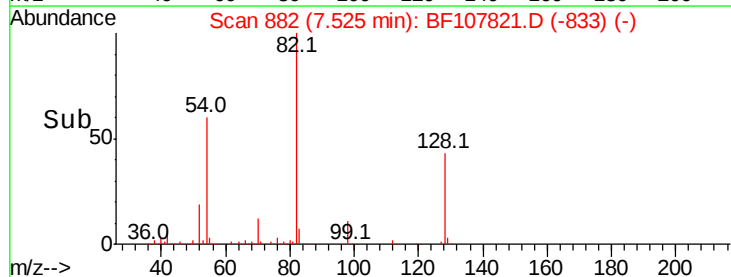


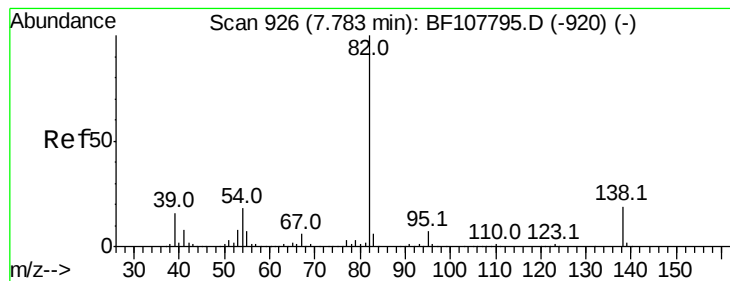
#23
Nitrobenzene-d5
Concen: 37.414 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Tgt Ion:	82	Resp:	507254
Ion	Ratio	Lower	Upper
82	100		
128	43.0	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 22.793 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampleId :

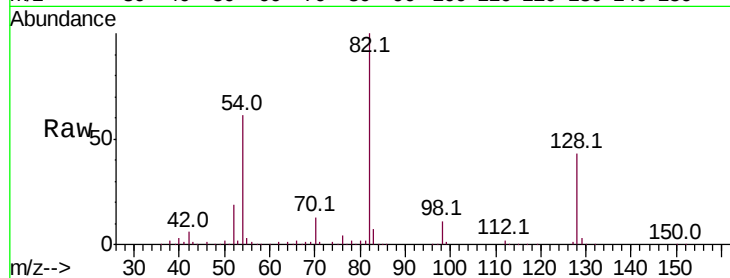
Tot Ion: 82 Resp: 507254

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

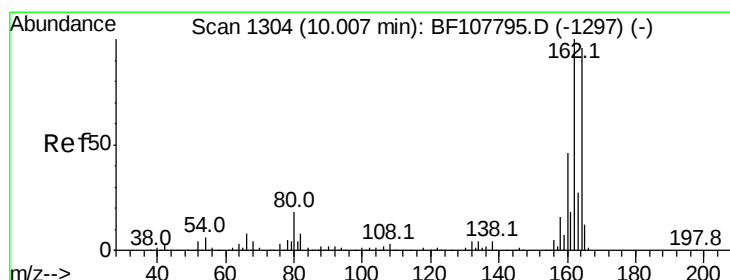
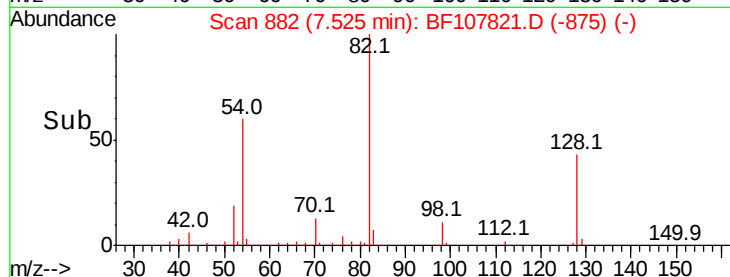
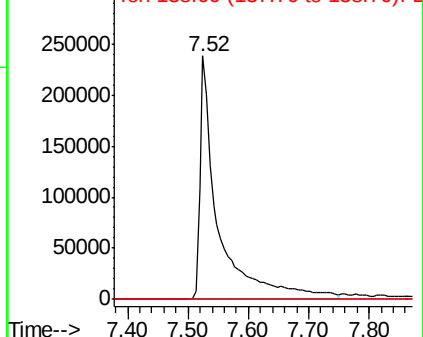
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

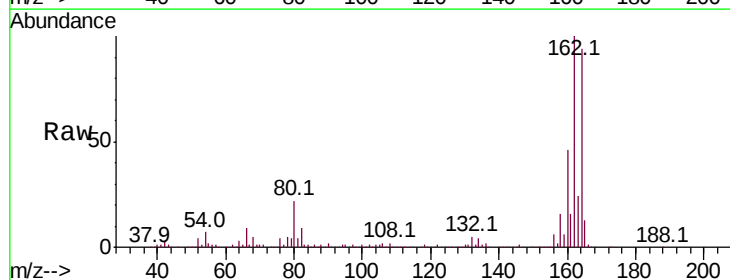
Tgt Ion:164 Resp: 297764

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

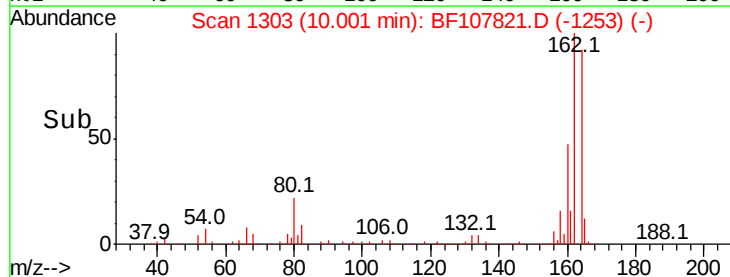
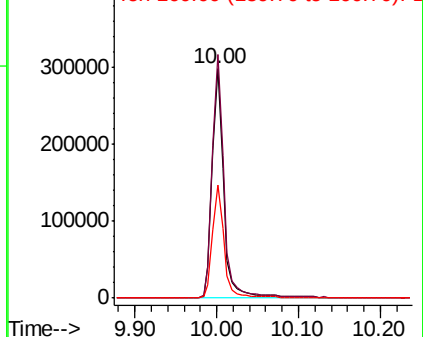
160 49.4 38.3 57.5

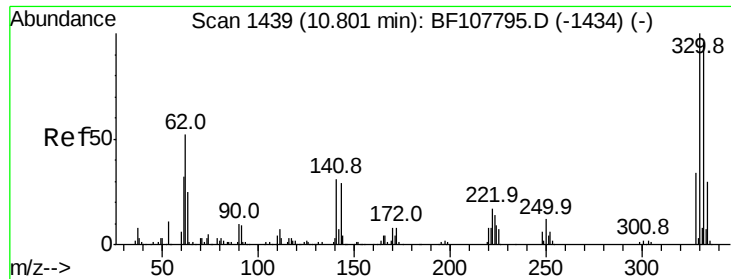


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

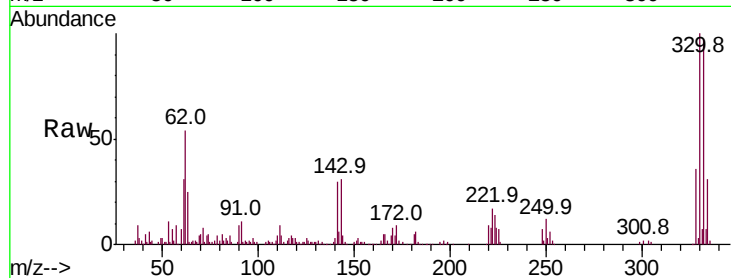




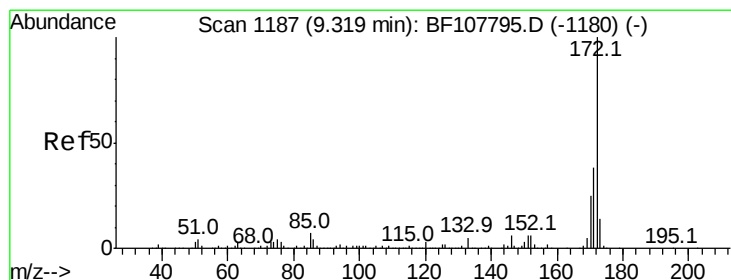
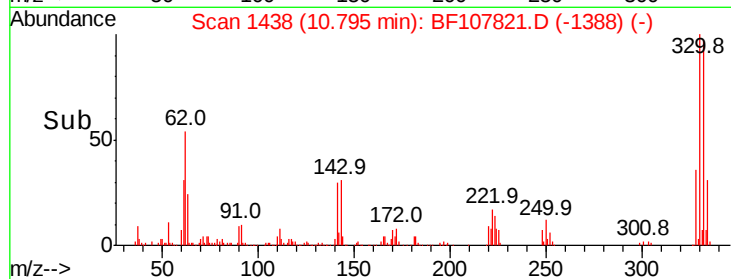
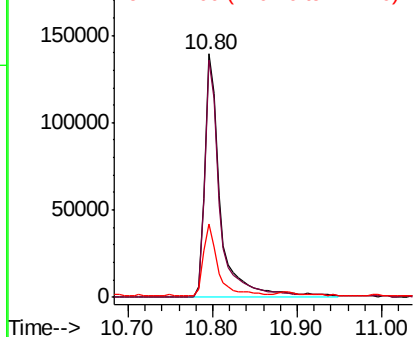
#41
 2,4,6-Tribromophenol
 Concen: 44.627 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	27.3	29.9	44.9#

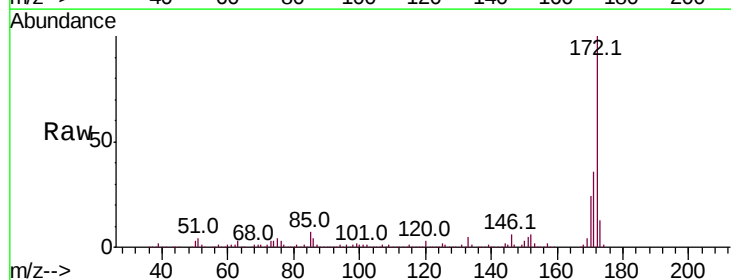


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

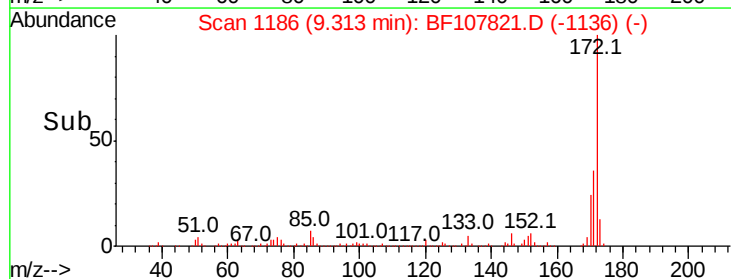
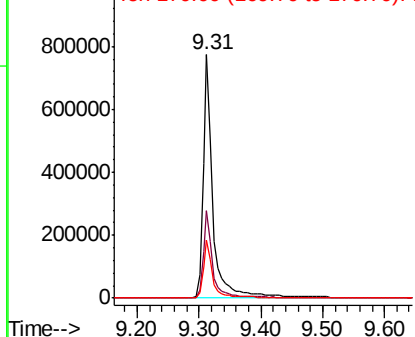


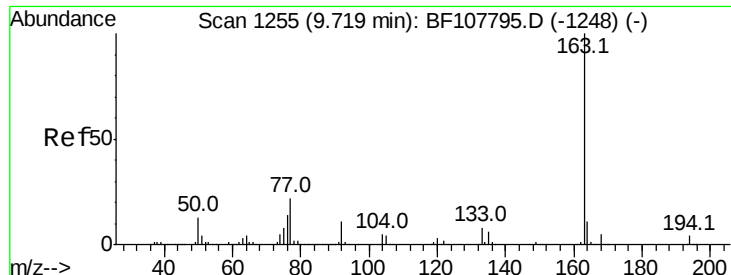
#44
 2-Fluorobiphenyl
 Concen: 41.046 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	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

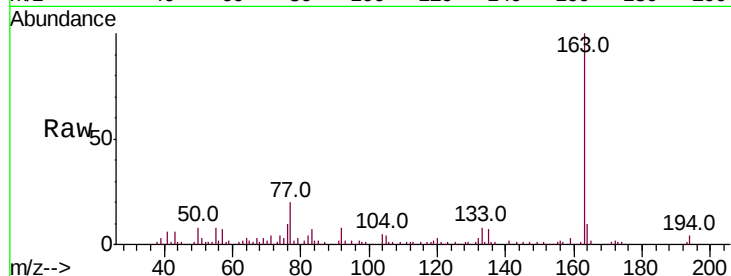




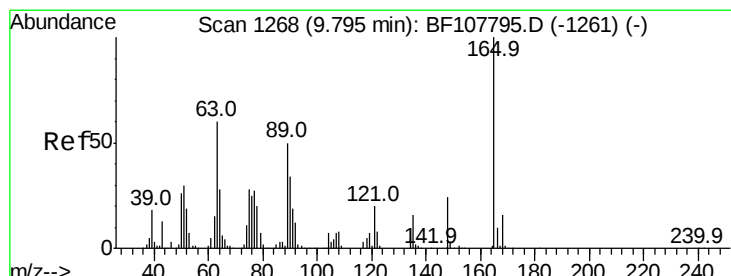
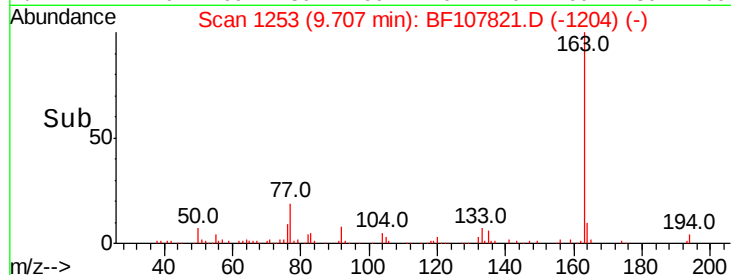
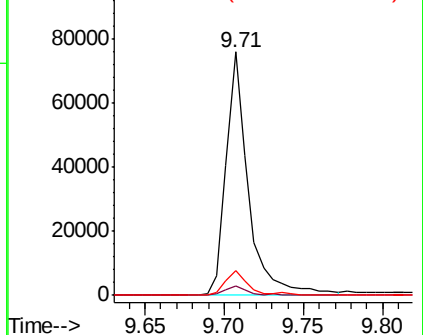
#49
Dimethylphthalate
Concen: 3.331 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 74481
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 8.2 12.2

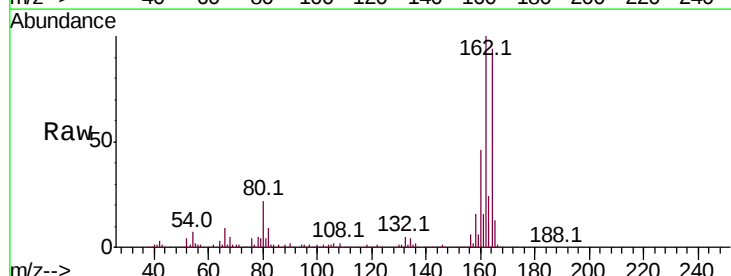


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

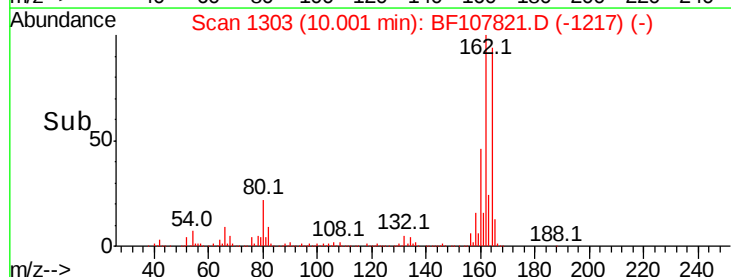
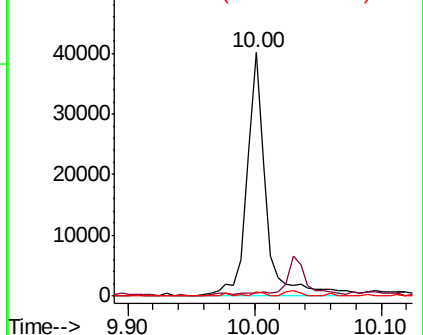


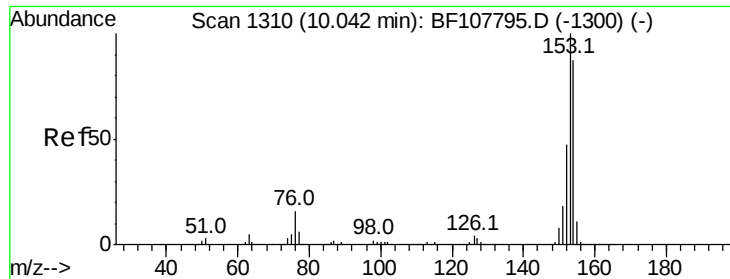
#50
2,6-Dinitrotoluene
Concen: 8.506 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Tgt Ion:165 Resp: 41336
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.7 44.0 66.0#



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





#51

Acenaphthene

Concen: 3.538 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampleId :

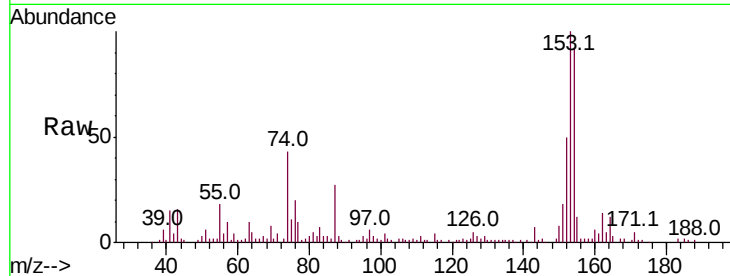
Tot Ion:154 Resp: 65115

Ion Ratio Lower Upper

154 100

153 108.5 91.2 136.8

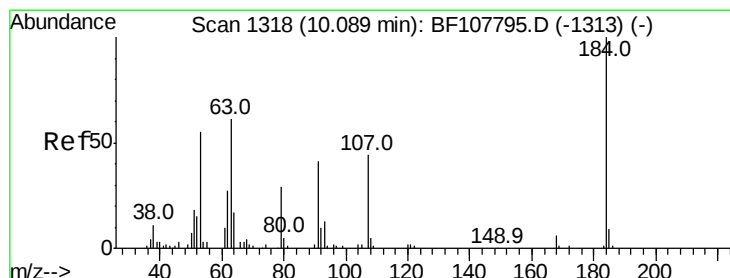
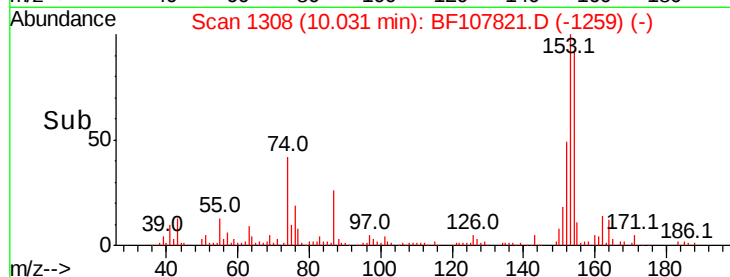
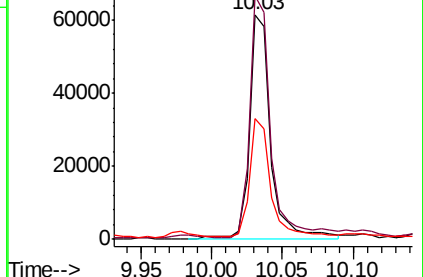
152 53.8 43.8 65.8



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: 8.513 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.06 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

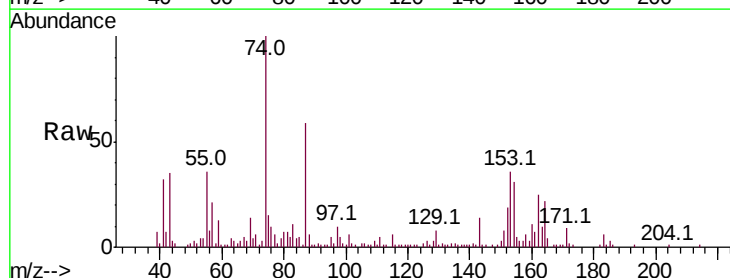
Tgt Ion:184 Resp: 207

Ion Ratio Lower Upper

184 100

63 351.4 54.2 81.2#

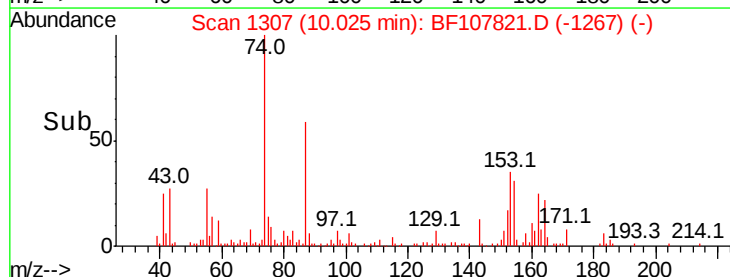
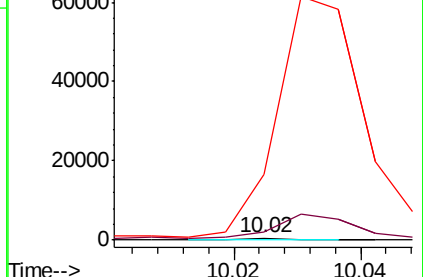
154 2827.9 184.0 276.0#

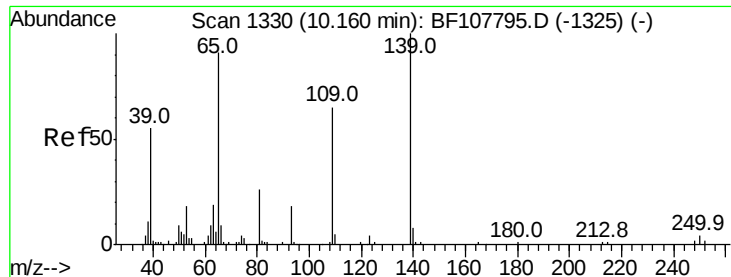


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 9.814 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampled :

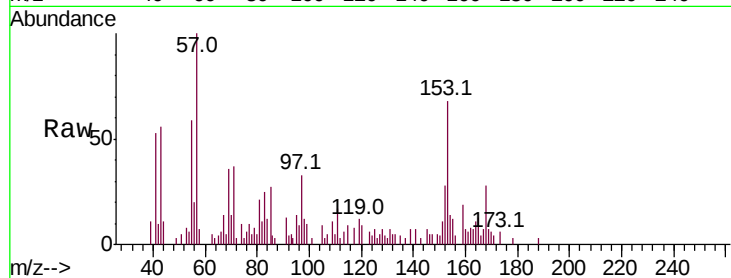
Tot Ion:139 Resp: 1637

Ion Ratio Lower Upper

139 100

109 169.3 48.4 88.4#

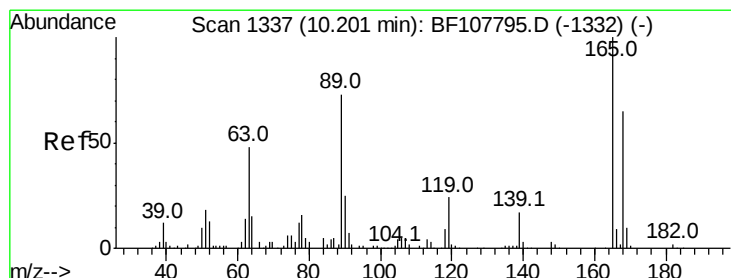
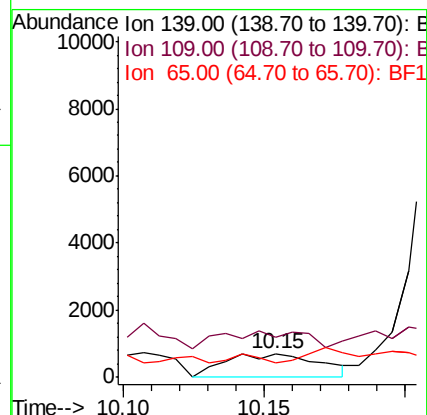
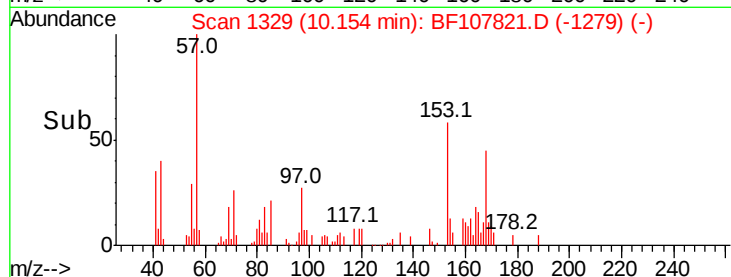
65 61.7 72.6 112.6#



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: BF107821.D

Acq: 31 Jul 2018 00:47

Tgt Ion:165 Resp: 42111

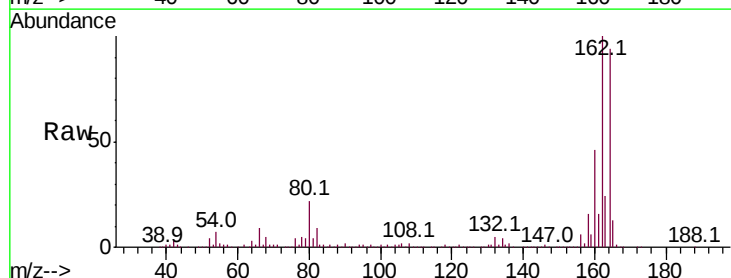
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

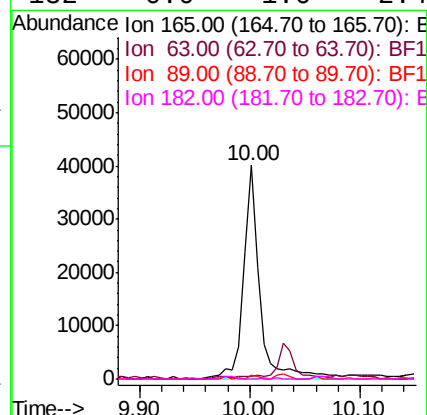
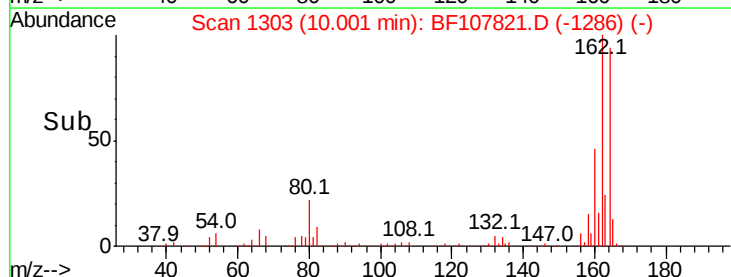


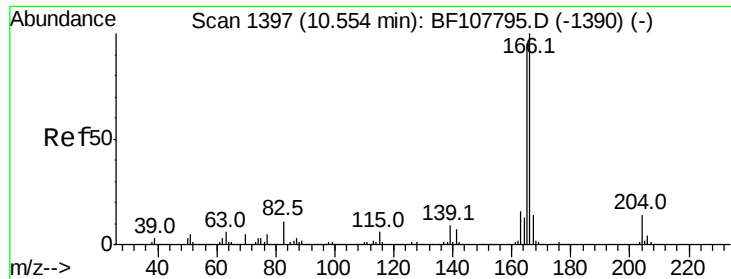
Abundance Ion 165.00 (164.70 to 165.70): E

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

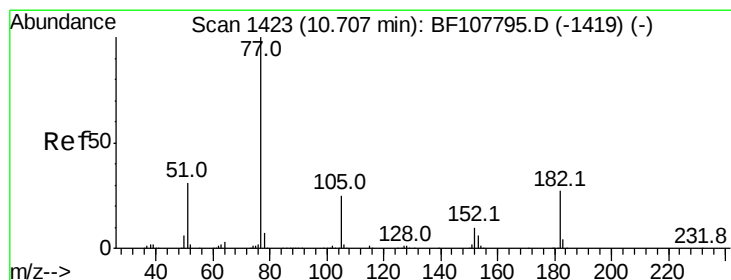
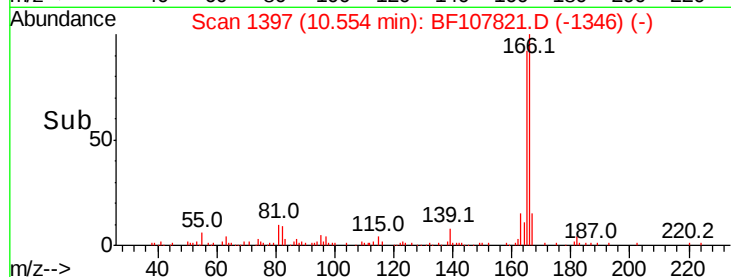
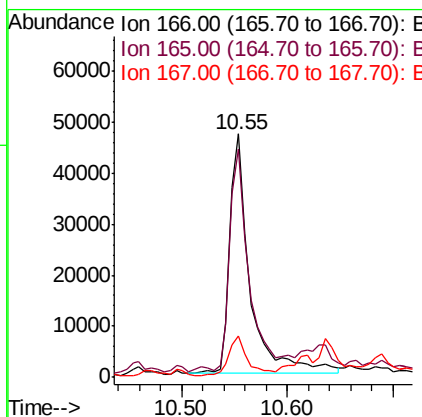
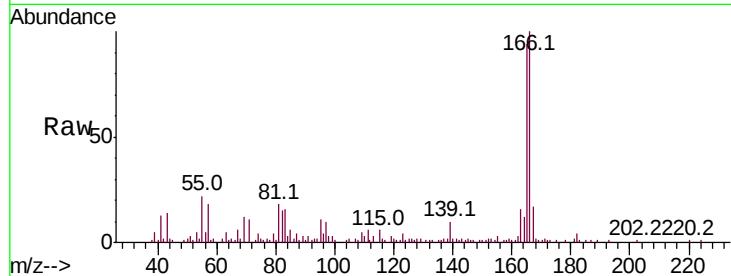




#57
 Fluorene
 Concen: 2.832 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

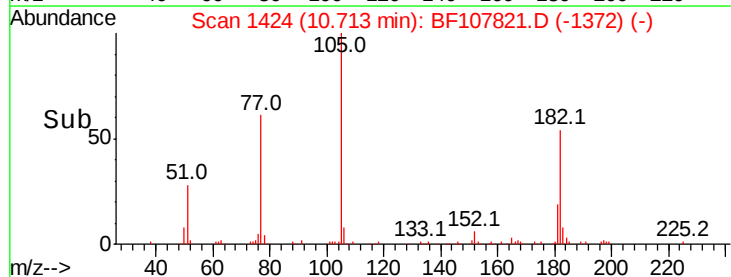
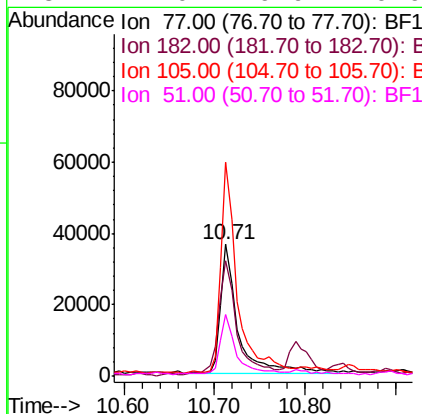
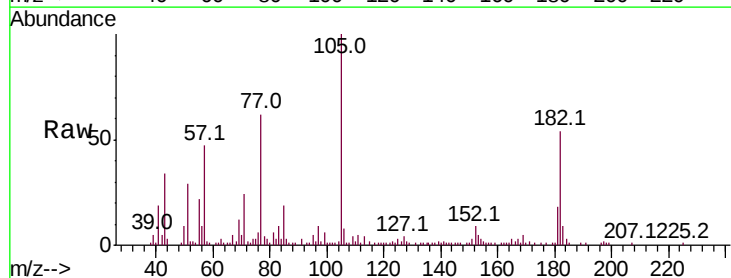
Instrument :
 BNA_F
 ClientSampleId :

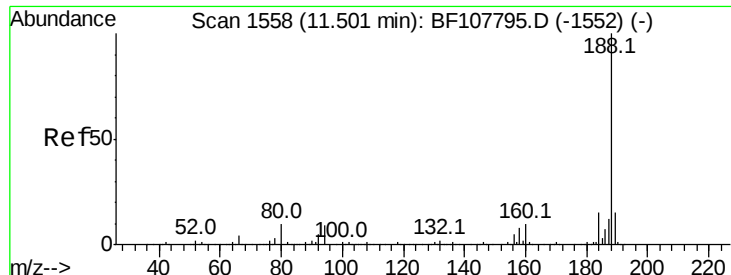
Tot Ion:166 Resp: 62593
 Ion Ratio Lower Upper
 166 100
 165 94.0 79.8 119.8
 167 16.9 10.6 16.0#



#62
 Azobenzene
 Concen: 2.155 ng
 RT: 10.71 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Tgt Ion: 77 Resp: 48260
 Ion Ratio Lower Upper
 77 100
 182 87.1 1.7 41.7#
 105 162.2 3.0 43.0#
 51 47.0 9.9 49.9

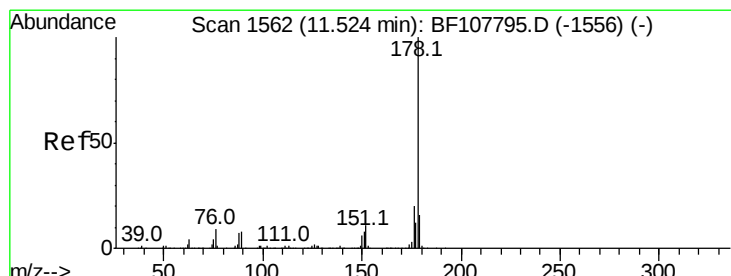
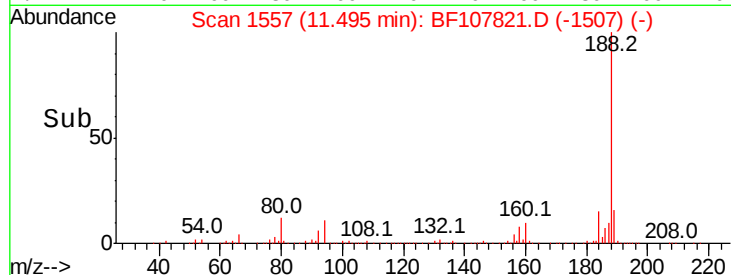
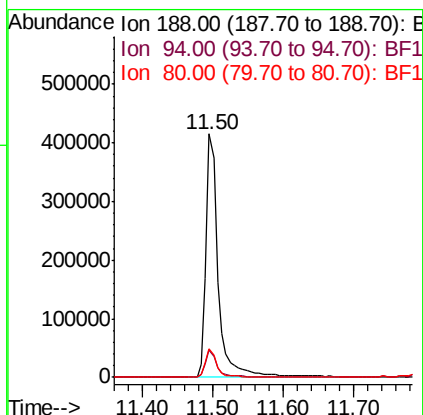
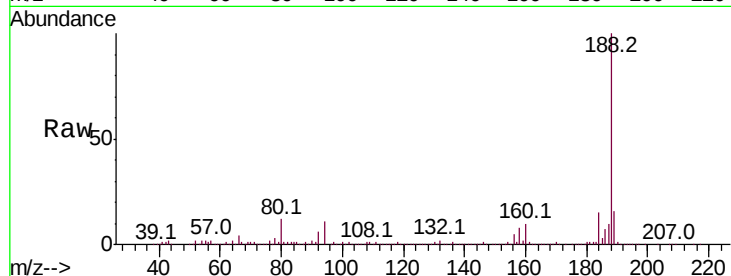




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

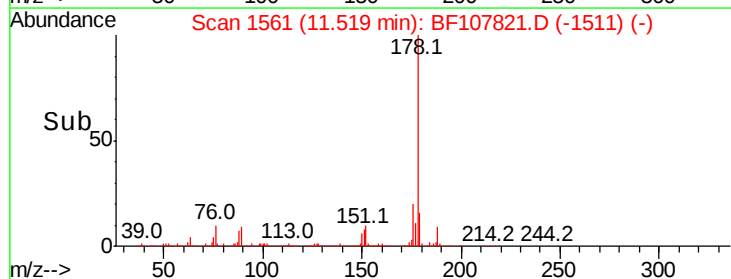
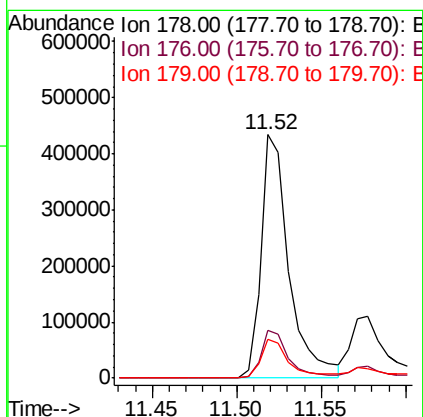
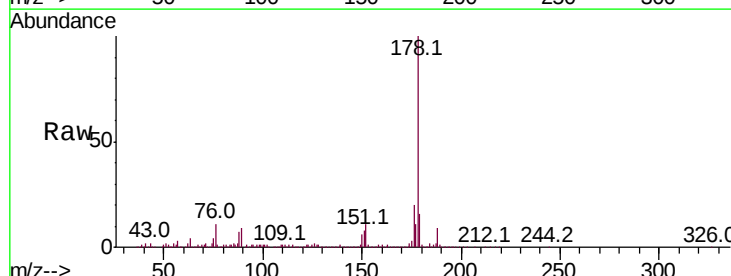
Instrument :
 BNA_F
 ClientSampled :

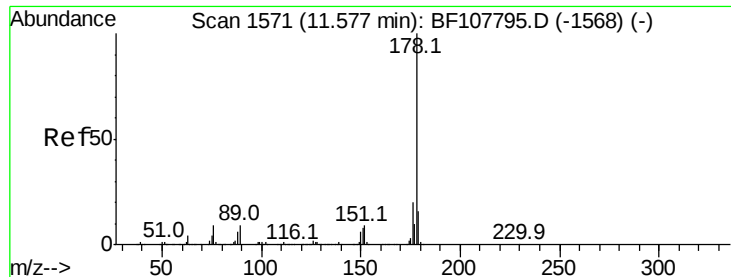
Tot Ion:188 Resp: 502489
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.7 9.2 13.8



#70
 Phenanthrene
 Concen: 20.807 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Tgt Ion:178 Resp: 496452
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 13.0 19.6

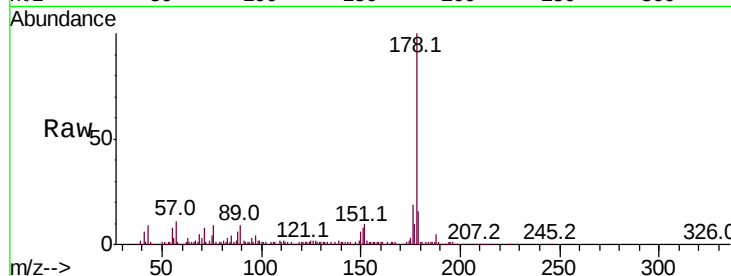




#71
 Anthracene
 Concen: 6.482 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0

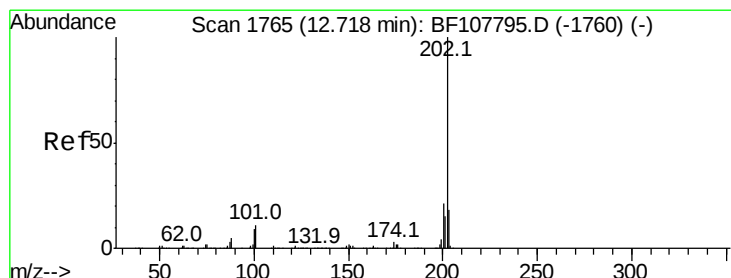
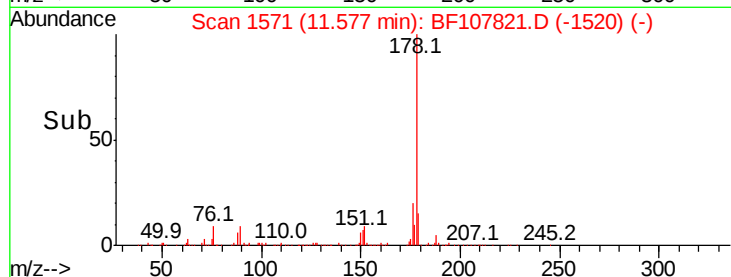
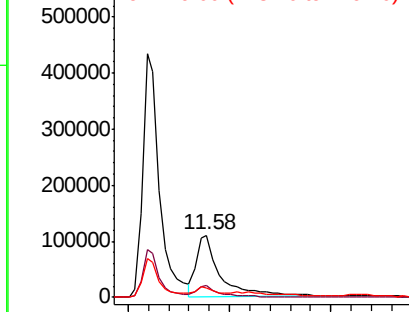


Abundance

Ion 178.00 (177.70 to 178.70): E

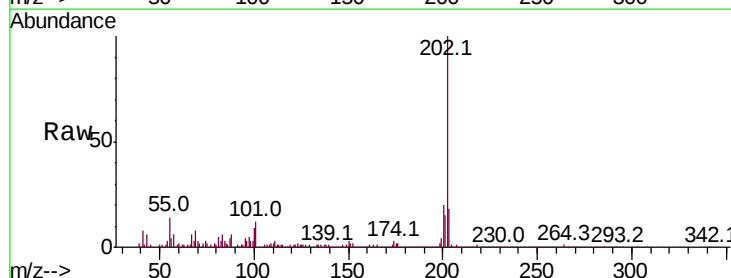
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
 Fluoranthene
 Concen: 32.619 ng
 RT: 12.72 min Scan# 1766
 Delta R.T. 0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.8	0.0	38.1

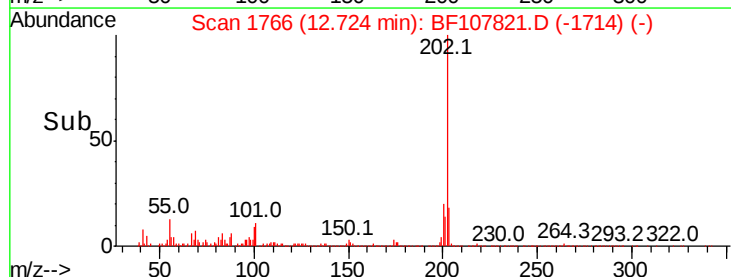
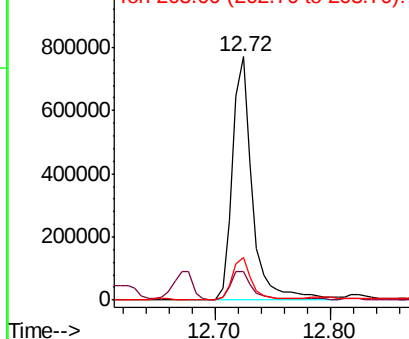


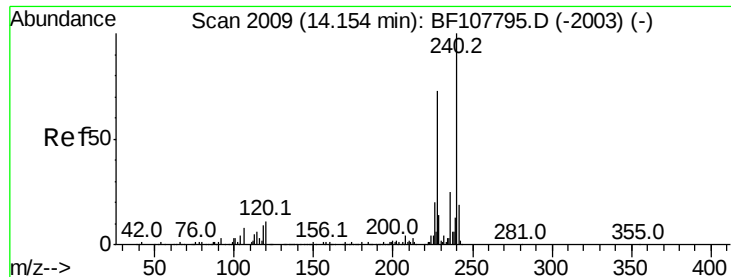
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampled :

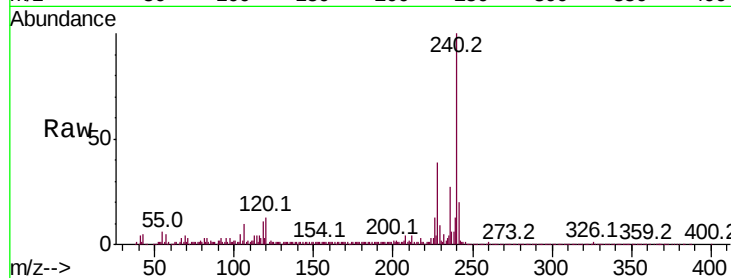
Tot Ion:240 Resp: 473785

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

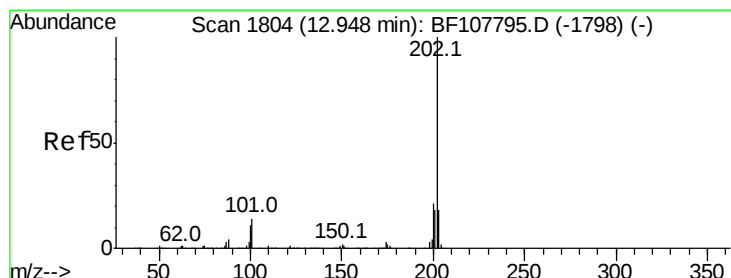
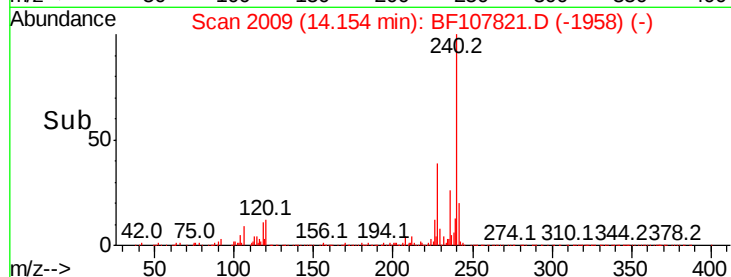
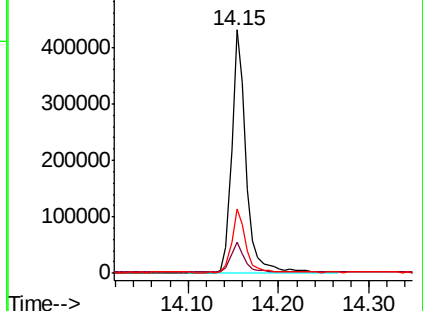
236 26.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 24.234 ng

RT: 12.96 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

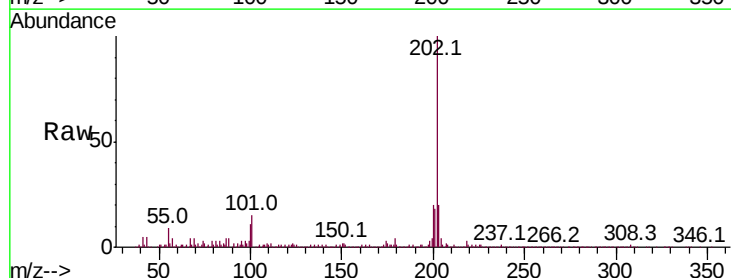
Tgt Ion:202 Resp: 826771

Ion Ratio Lower Upper

202 100

200 20.2 17.4 26.2

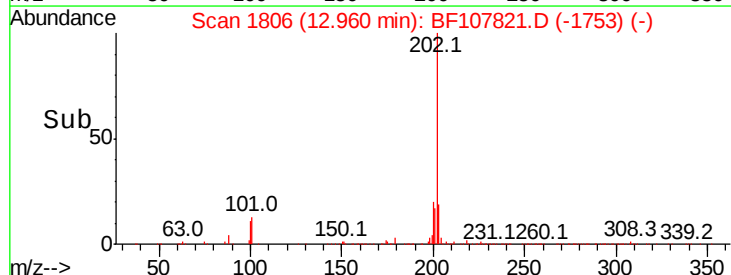
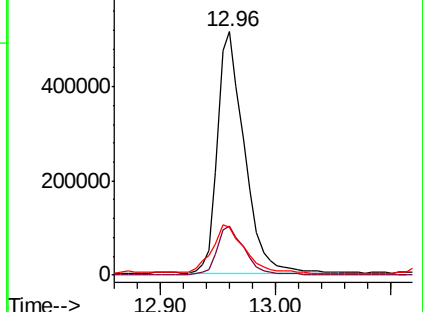
203 19.6 14.3 21.5

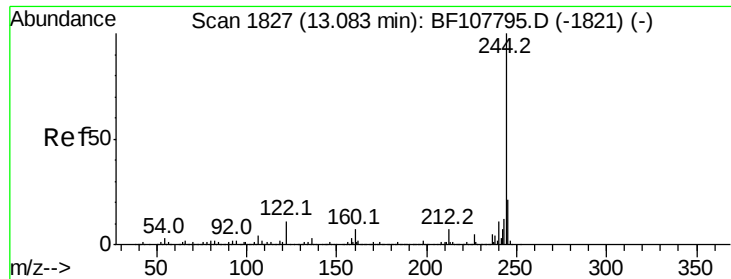


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 32.962 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

Instrument :

BNA_F

ClientSampleId :

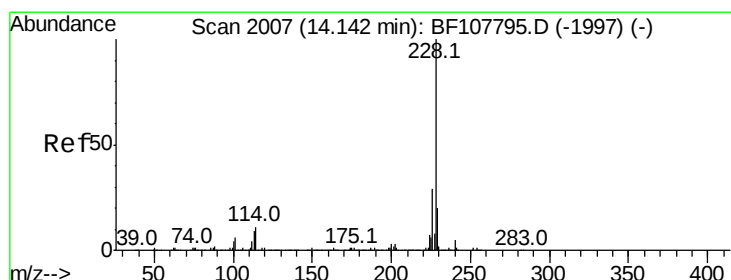
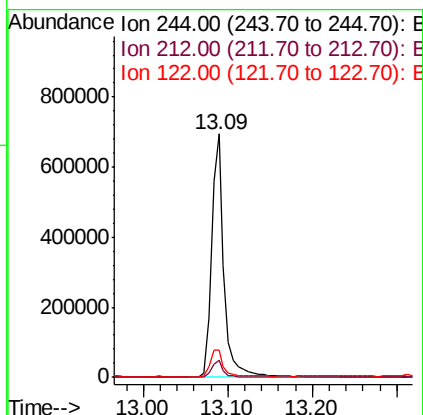
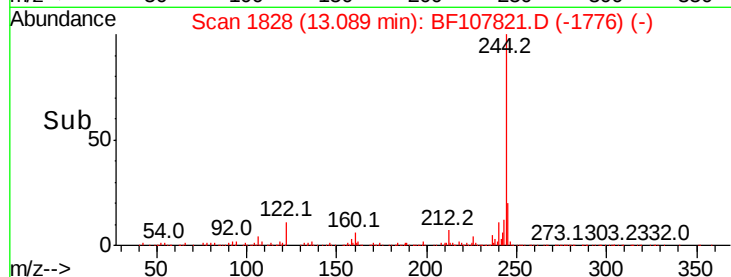
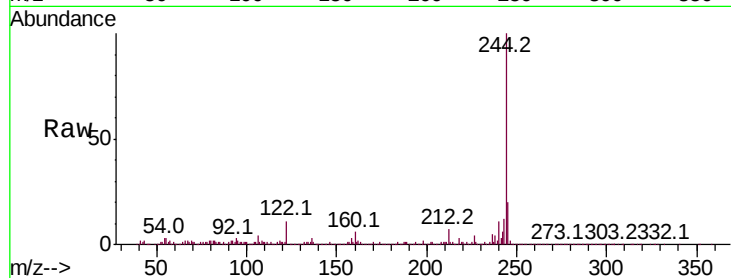
Tot Ion:244 Resp: 720191

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 11.2 11.0 16.4



#80

Benzo(a)anthracene

Concen: 16.813 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF107821.D

Acq: 31 Jul 2018 00:47

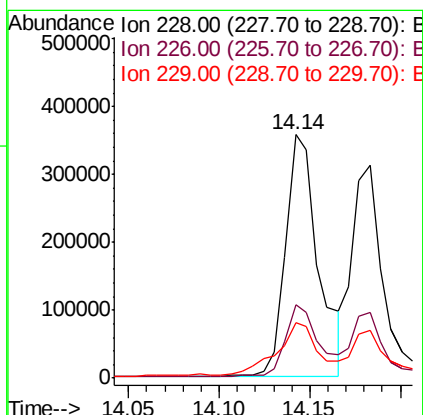
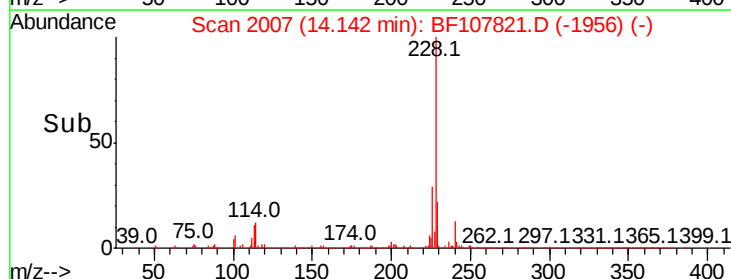
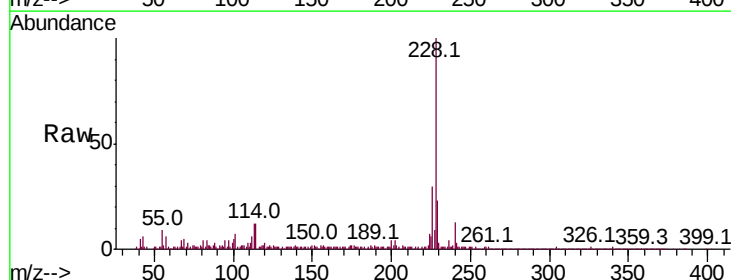
Tgt Ion:228 Resp: 451241

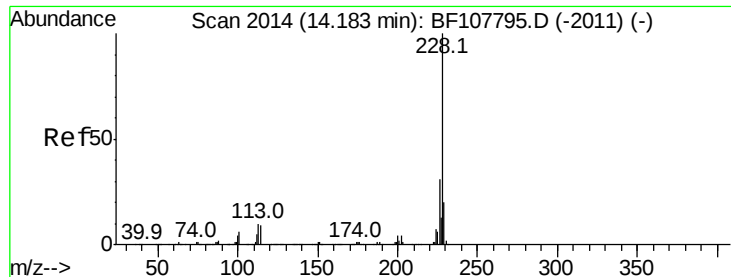
Ion Ratio Lower Upper

228 100

226 29.9 22.6 33.8

229 23.0 15.8 23.6

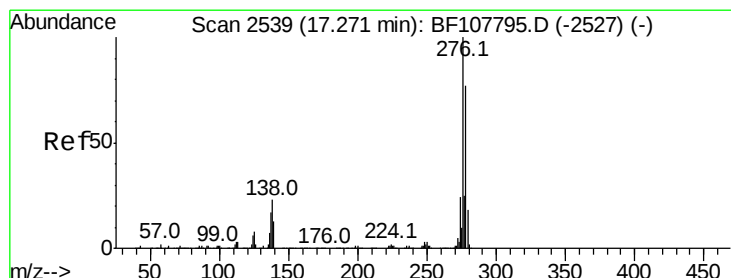
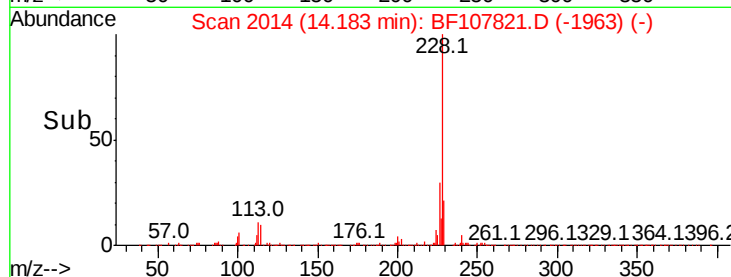
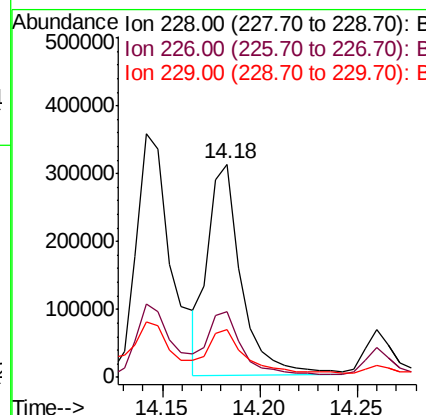
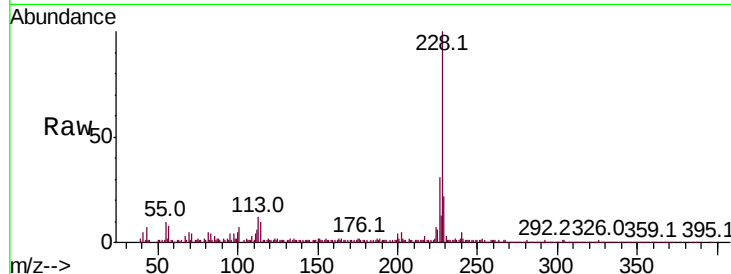




#82
Chrysene
Concen: 12.938 ng
RT: 14.18 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

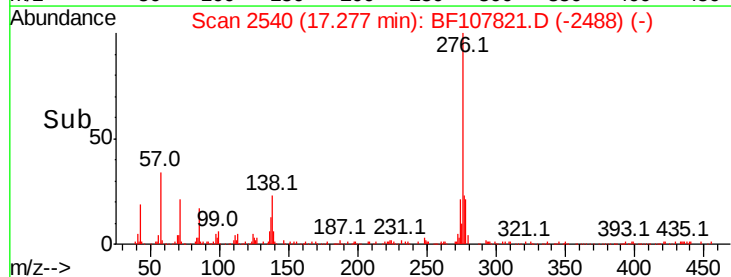
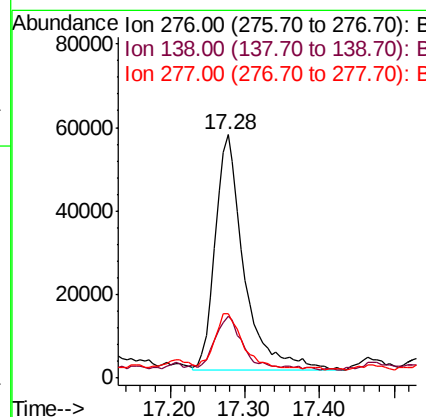
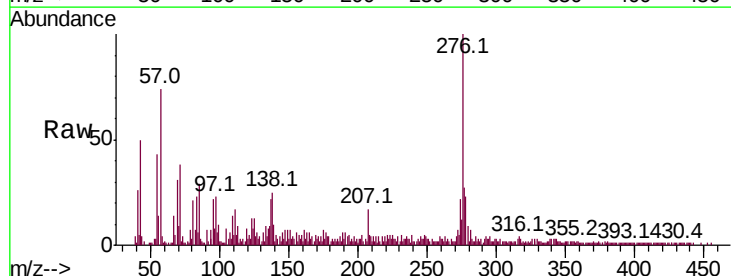
Instrument :
BNA_F
ClientSampleId :

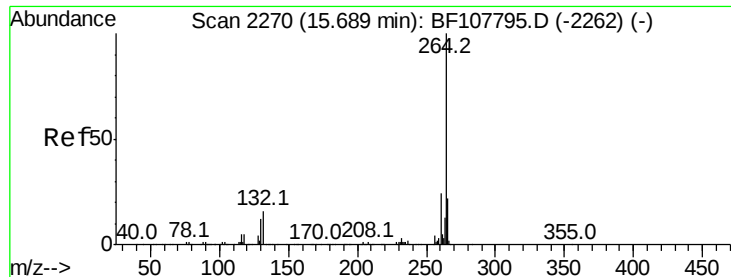
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.3	16.2	24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 6.804 ng
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	25.0	37.6#
277	23.1	20.1	30.1

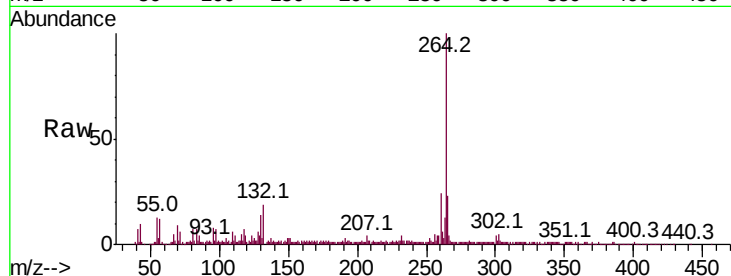




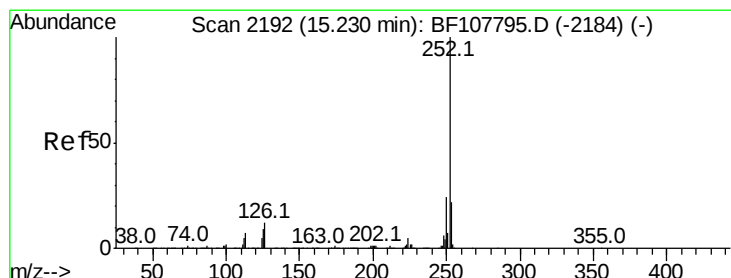
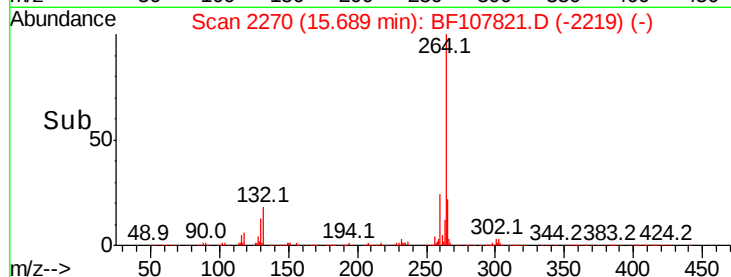
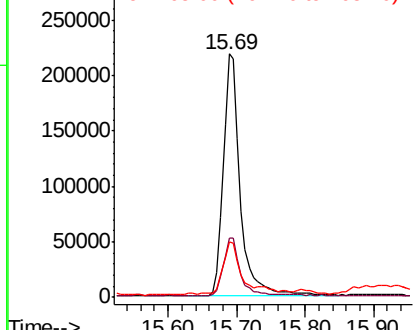
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.0	17.5	26.3

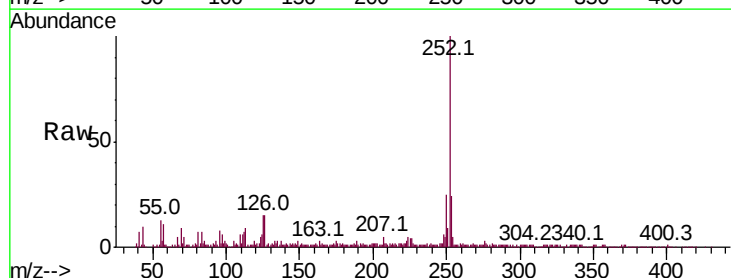


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

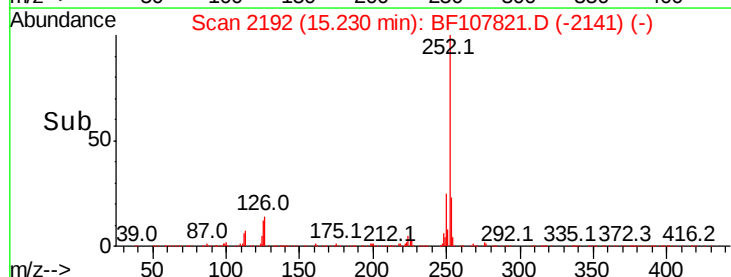
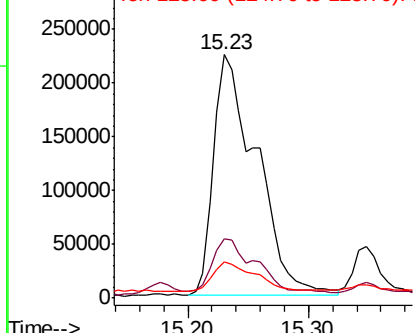


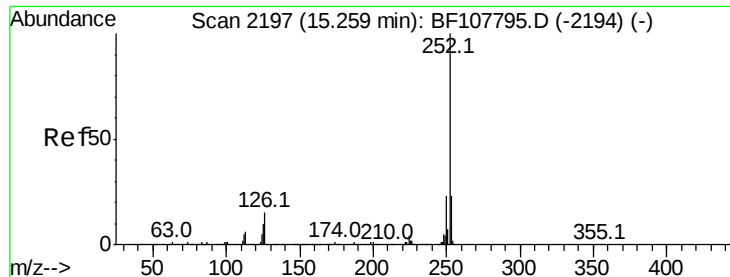
#87
Benzo(b)fluoranthene
Concen: 30.040 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.0	25.6
125	14.9	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

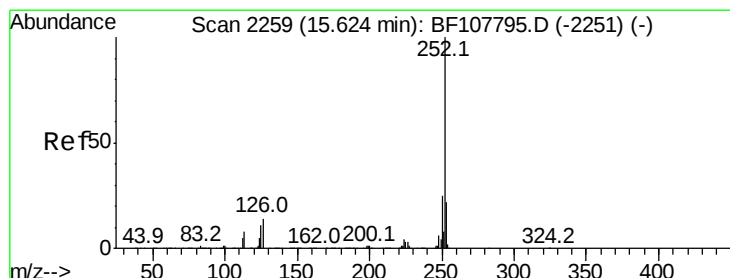
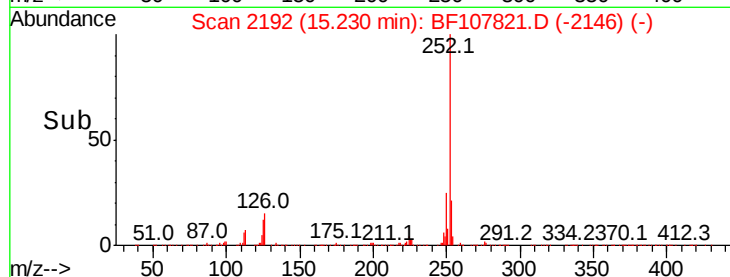
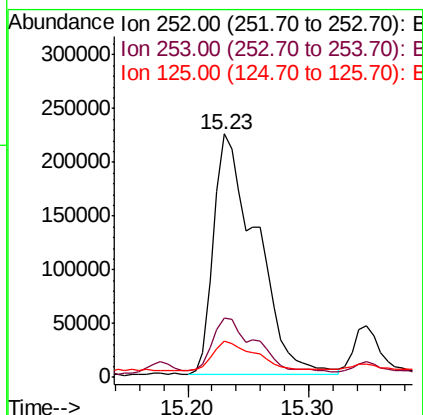
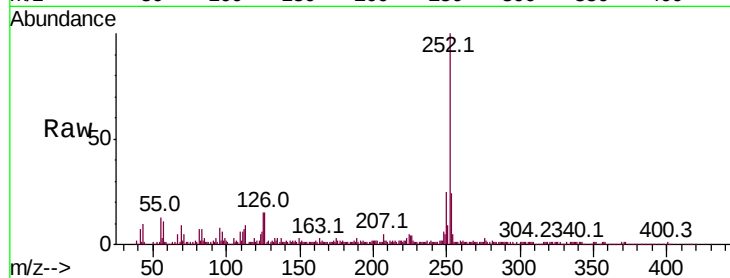




#88
Benzo(k)fluoranthene
Concen: 24.468 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

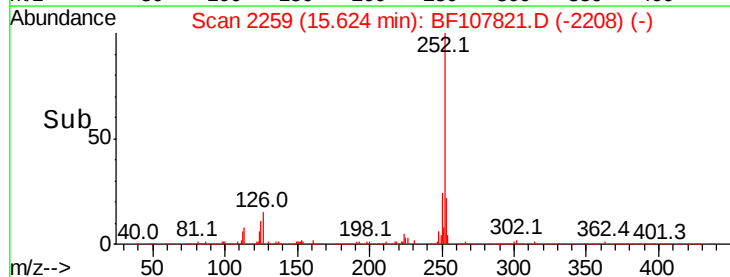
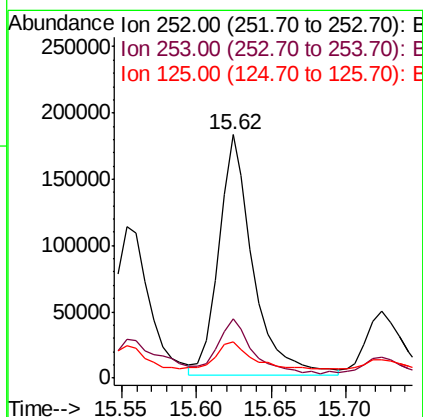
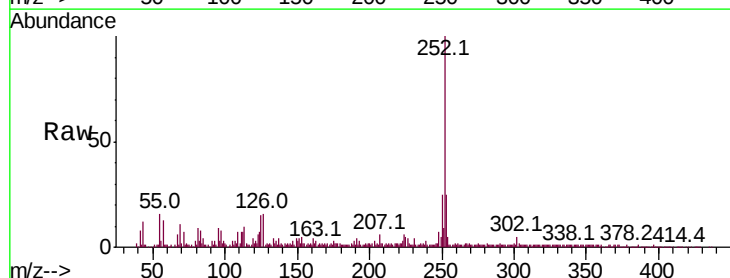
Instrument :
BNA_F
ClientSampleId :

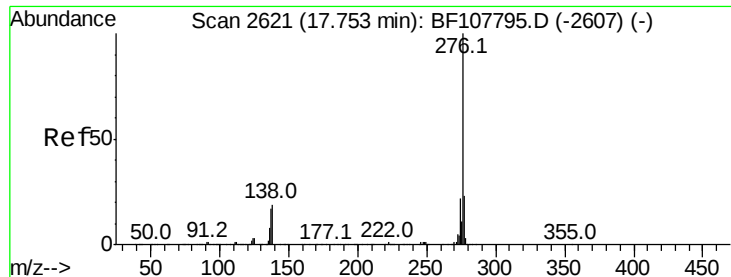
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	14.9	10.2	15.2



#89
Benzo(a)pyrene
Concen: 15.099 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107821.D
Acq: 31 Jul 2018 00:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	15.1	9.8	14.6

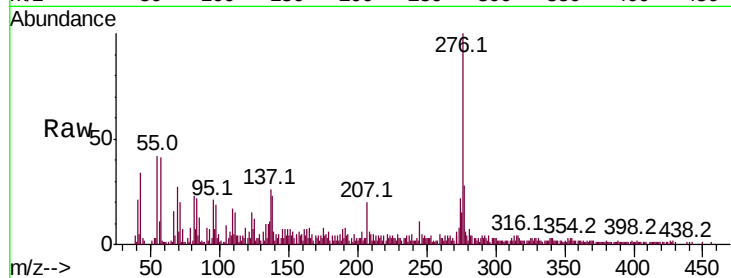




#91
 Benzo(a,h,i)perylene
 Concen: 8.785 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF107821.D
 Acq: 31 Jul 2018 00:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.4	17.9	26.9#
138	22.8	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

