

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107816.D
 Acq On : 30 Jul 2018 22:33
 Operator : JU/SJ
 Sample : J4164-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:05:17 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	190543	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	796979	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	319513	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	515498	20.00	ng	0.00
75) Chrysene-d12	14.15	240	433635	20.00	ng	0.00
86) Perylene-d12	15.69	264	501979	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	968303	86.37	ng	0.00
7) Phenol-d6	6.60	99	1226536	83.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	810590	58.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	253397	58.37	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1406039	61.32	ng	0.00
78) Terphenyl-d14	13.08	244	1032145	51.61	ng	0.00

Target Compounds

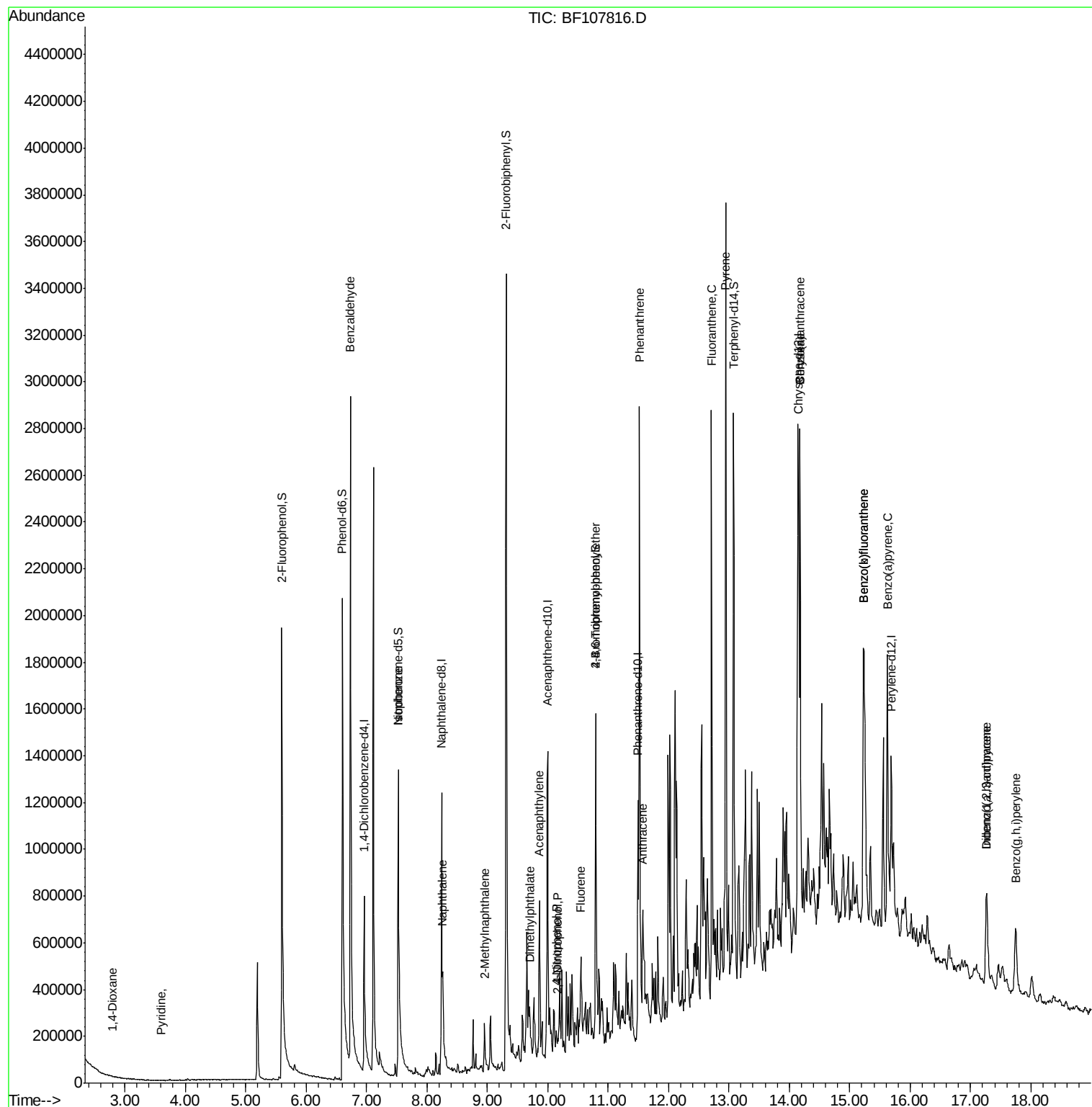
						Qvalue
2) 1,4-Dioxane	2.80	88	153	5.819	ng	# 1
3) Pyridine	3.61	79	115	6.262	ng	# 1
9) Benzaldehyde	6.74	77	20146	2.260	ng	87
25) Isophorone	7.52	82	810590	35.696	ng	# 64
31) Naphthalene	8.27	128	208716	5.634	ng	99
37) 2-Methylnaphthalene	8.95	142	84989	3.652	ng	98
48) Acenaphthylene	9.86	152	306079	9.004	ng	98
49) Dimethylphthalate	9.71	163	91570	3.816	ng	98
53) 2,4-Dinitrophenol	10.17	184	116	8.478	ng	# 1
55) 4-Nitrophenol	10.14	139	2194	9.939	ng	# 65
57) Fluorene	10.55	166	158570	6.685	ng	# 98
66) 4-Bromophenyl-phenylether	10.80	248	14872	2.475	ng	# 1
70) Phenanthrene	11.52	178	1268456	51.821	ng	100
71) Anthracene	11.57	178	445497	15.779	ng	99
74) Fluoranthene	12.72	202	1333398	46.369	ng	97
77) Pyrene	12.95	202	1723697	55.202	ng	98
80) Benzo(a)anthracene	14.18	228	981418	39.954	ng	93
82) Chrysene	14.18	228	981418	37.042	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	332189	16.484	ng	# 87
87) Benzo(b)fluoranthene	15.23	252	1208158	48.800	ng	96
88) Benzo(k)fluoranthene	15.23	252	1208158	39.747	ng	99
89) Benzo(a)pyrene	15.62	252	788975	30.869	ng	96
90) Dibenzo(a,h)anthracene	17.27	278	92605	4.154	ng	# 66
91) Benzo(g,h,i)perylene	17.75	276	315405	14.621	ng	92

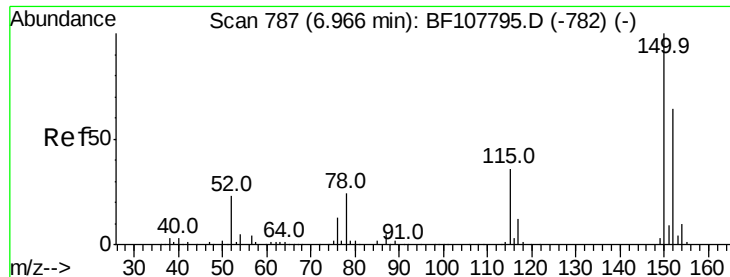
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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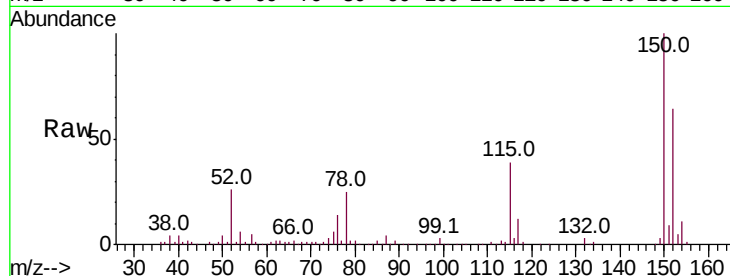


#1

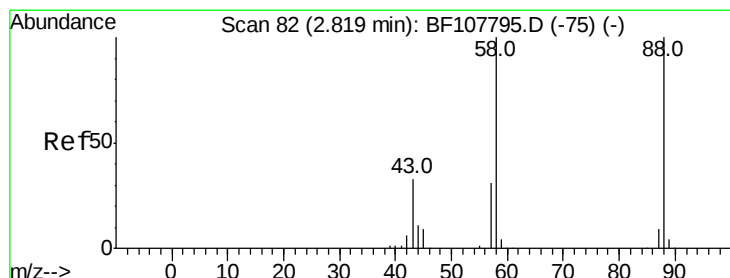
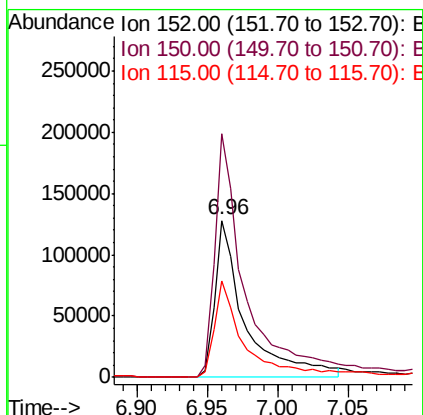
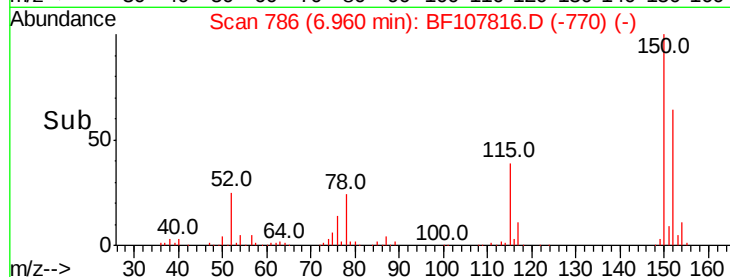
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 190543
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.3 50.1 75.1



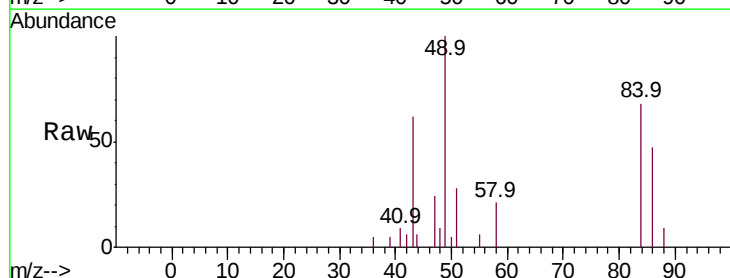
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



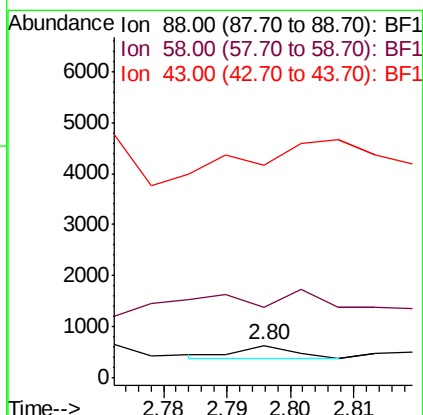
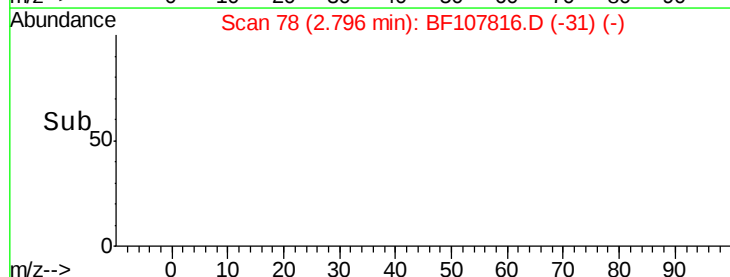
#2

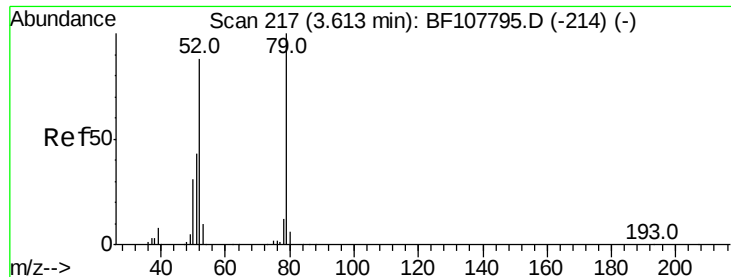
1,4-Dioxane
Concen: 5.819 ng
RT: 2.80 min Scan# 78
Delta R.T. -0.02 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Tgt Ion: 88 Resp: 153
Ion Ratio Lower Upper
88 100
58 262.7 62.6 93.8#
43 862.7 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: 6.262 ng

RT: 3.61 min Scan# 217

Delta R.T. 0.00 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

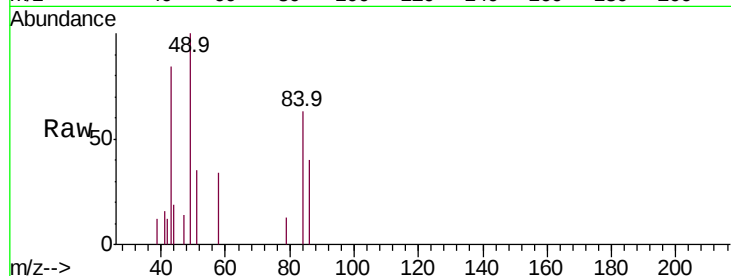
Tot Ion: 79 Resp: 115

Ion Ratio Lower Upper

79 100

52 0.0 59.8 89.6#

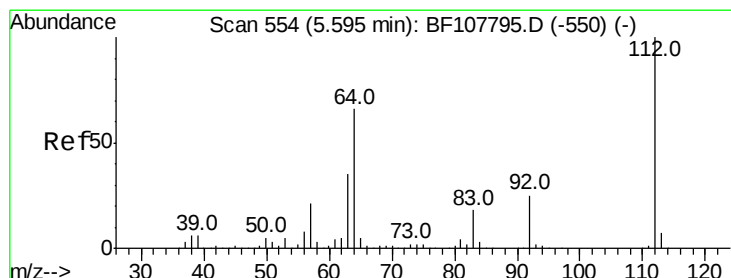
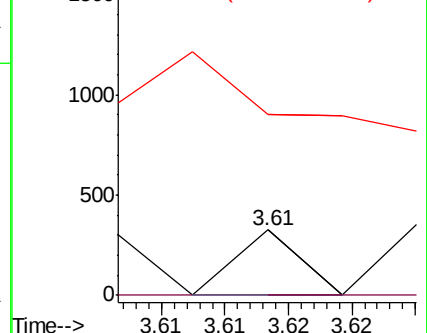
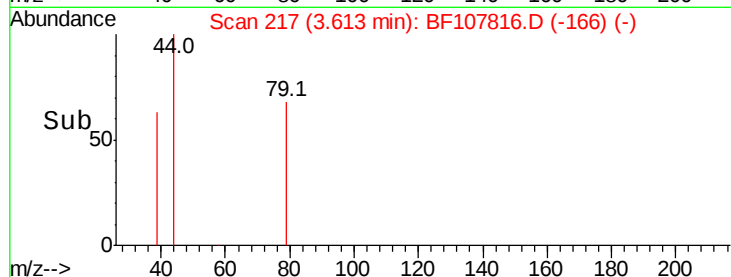
51 275.8 29.8 44.8#



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: 86.368 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

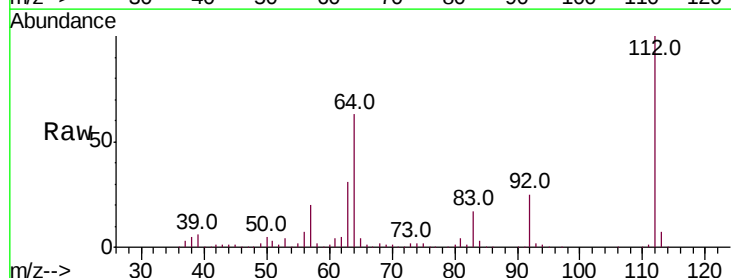
Tgt Ion: 112 Resp: 968303

Ion Ratio Lower Upper

112 100

64 63.2 47.9 71.9

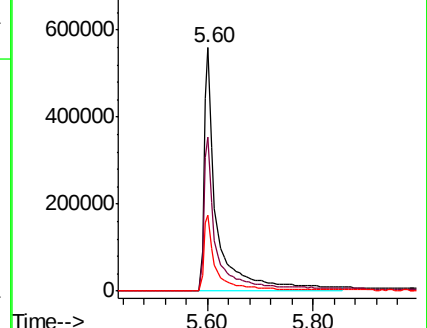
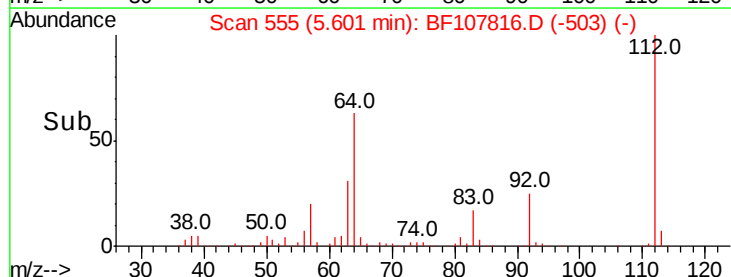
63 31.2 23.7 35.5

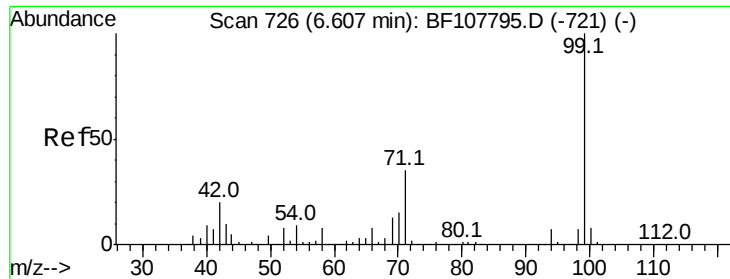


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 83.009 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampled :

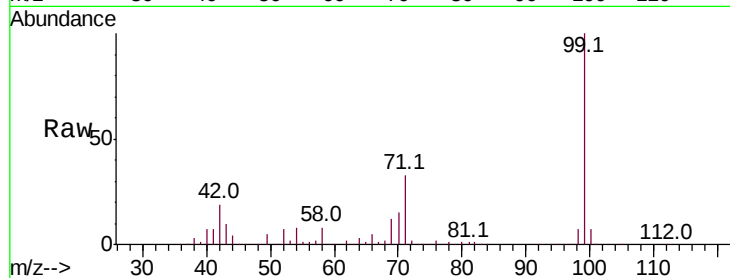
Tot Ion: 99 Resp: 1226536

Ion Ratio Lower Upper

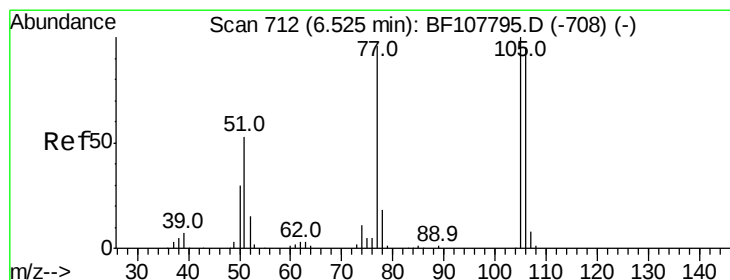
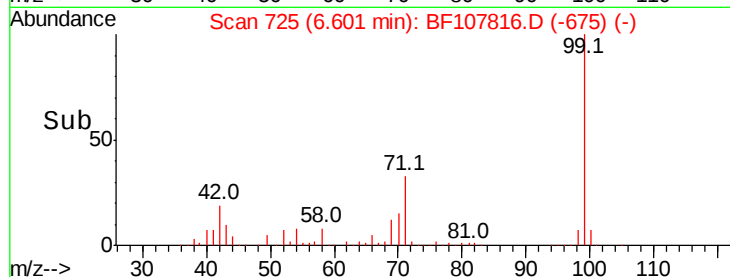
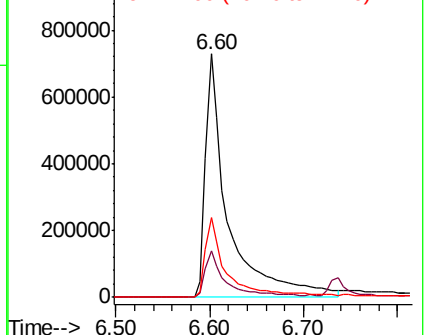
99 100

42 18.9 14.5 21.7

71 32.9 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.260 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

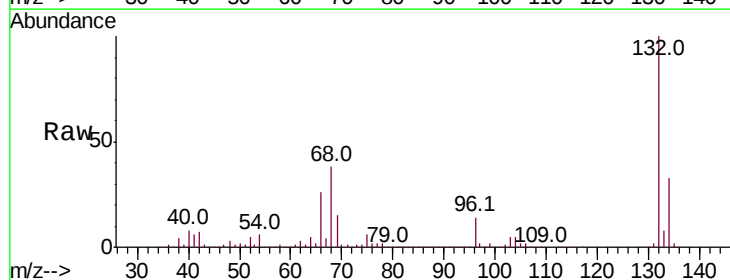
Tgt Ion: 77 Resp: 20146

Ion Ratio Lower Upper

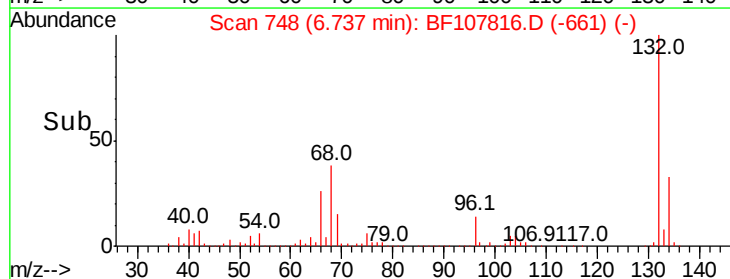
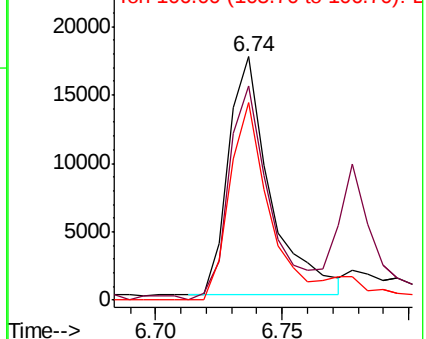
77 100

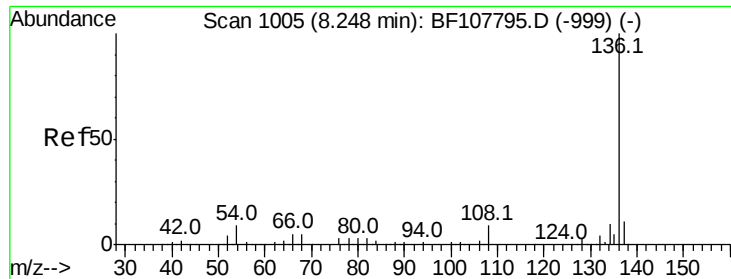
105 88.1 81.1 121.1

106 81.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

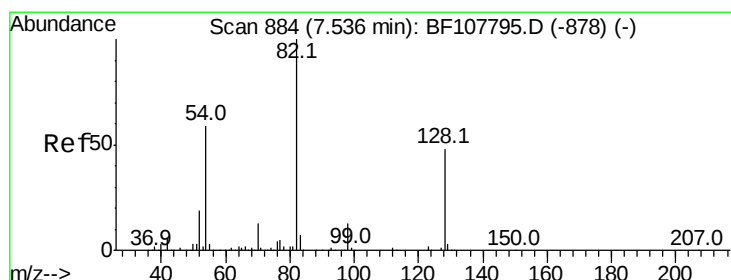
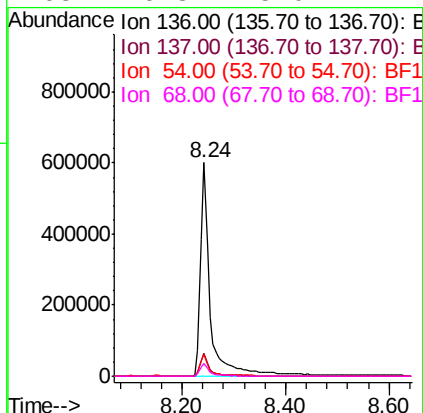
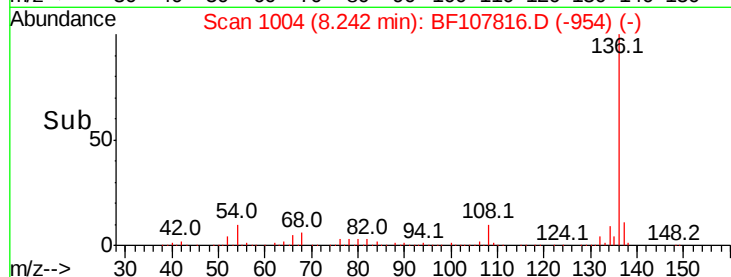
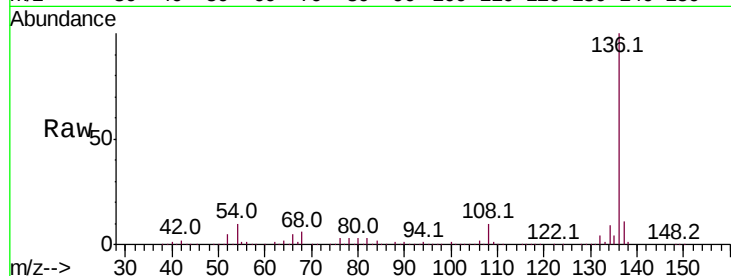




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

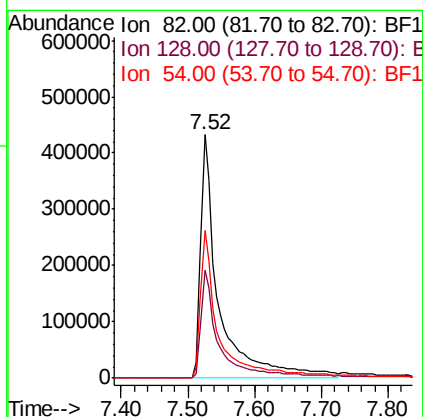
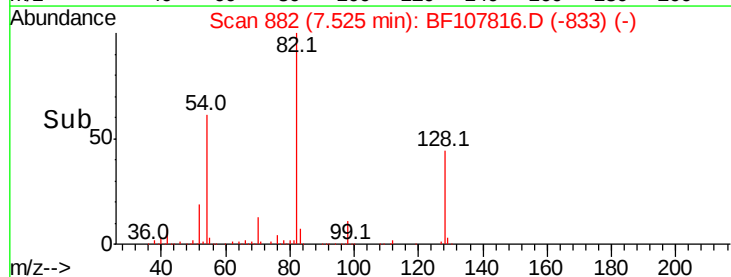
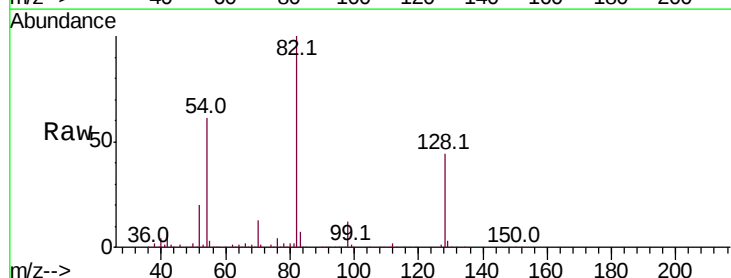
Instrument :
BNA_F
ClientSampled :

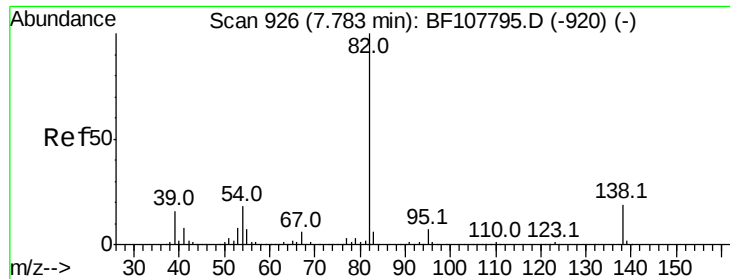
Tot Ion:	136	Resp:	796979
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.0	6.6	9.8#
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 58.594 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Tgt Ion:	82	Resp:	810590
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	60.9	41.4	62.2





#25

Isophorone

Concen: 35.696 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampled :

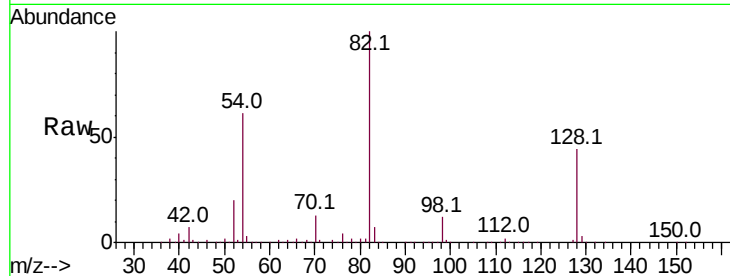
Tot Ion: 82 Resp: 810590

Ion Ratio Lower Upper

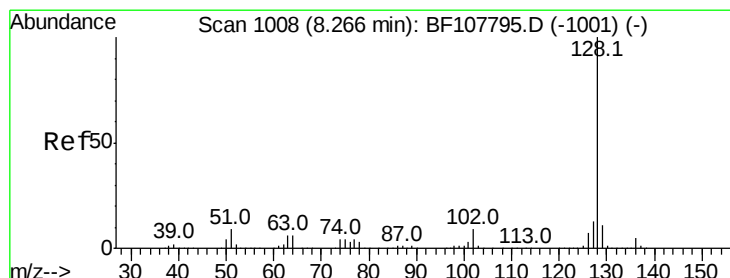
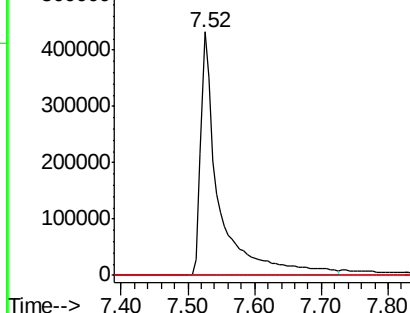
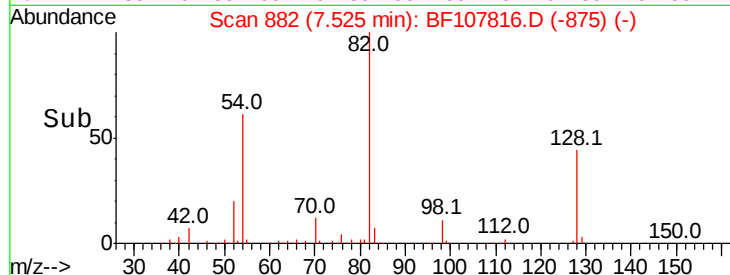
82 100

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: 5.634 ng

RT: 8.27 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

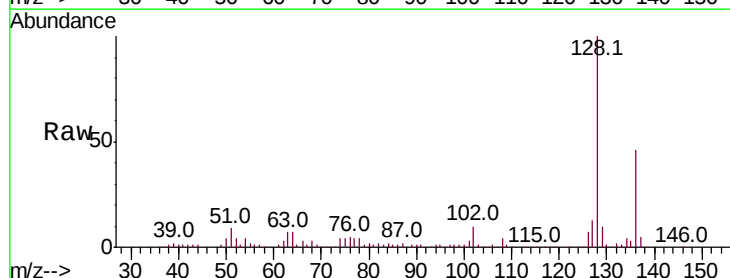
Tgt Ion: 128 Resp: 208716

Ion Ratio Lower Upper

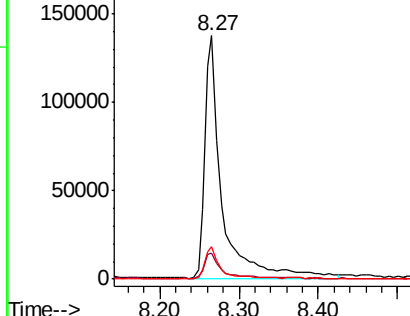
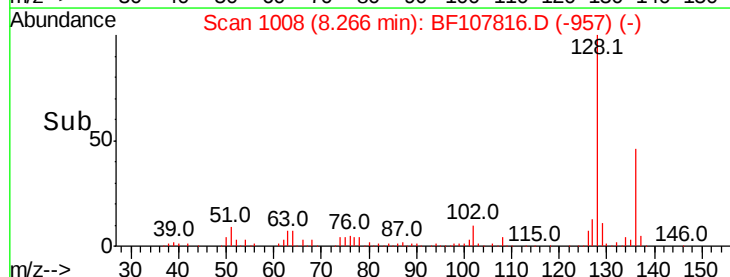
128 100

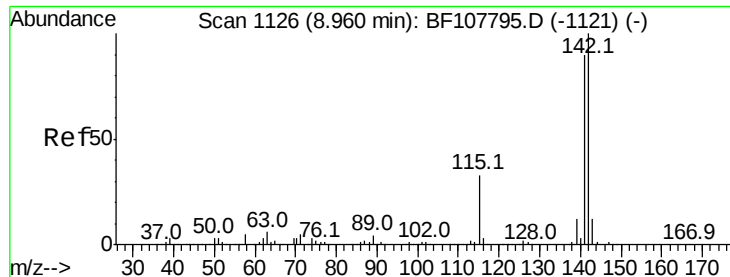
129 10.5 8.8 13.2

127 13.1 10.9 16.3



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

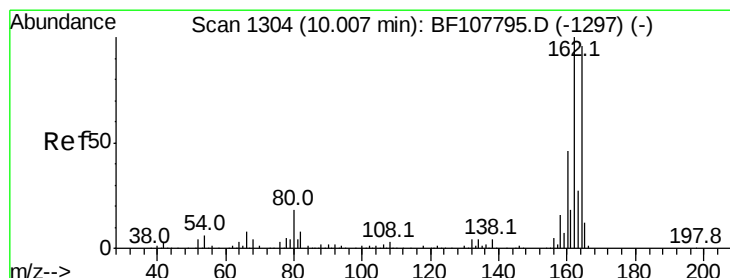
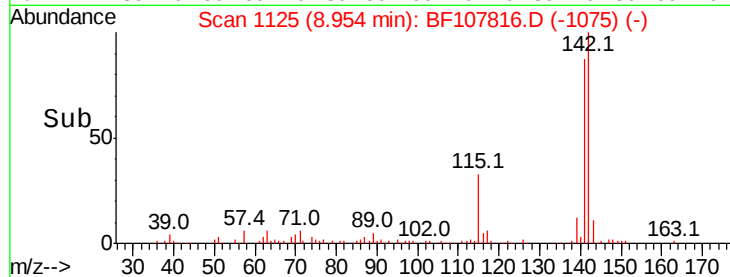
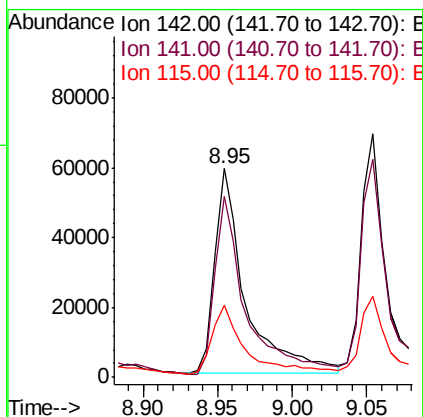
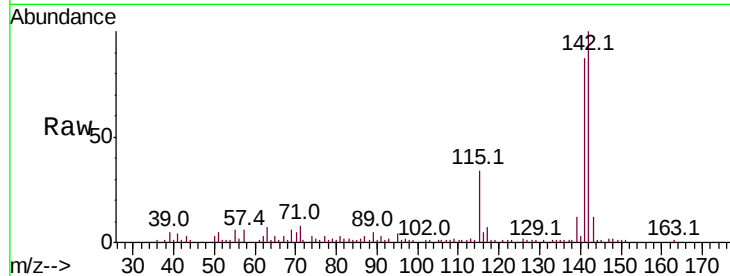




#37
2-Methylnaphthalene
Concen: 3.652 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

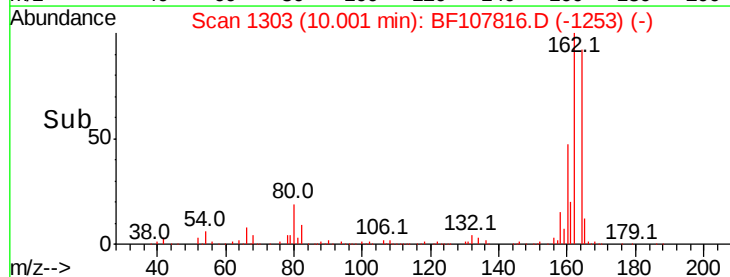
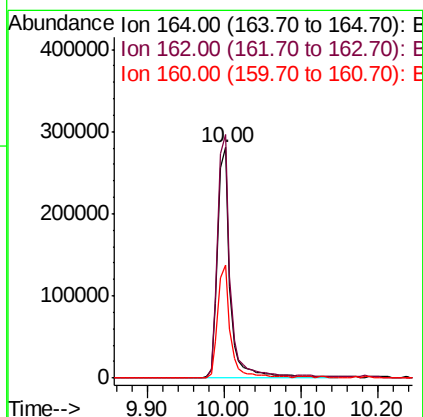
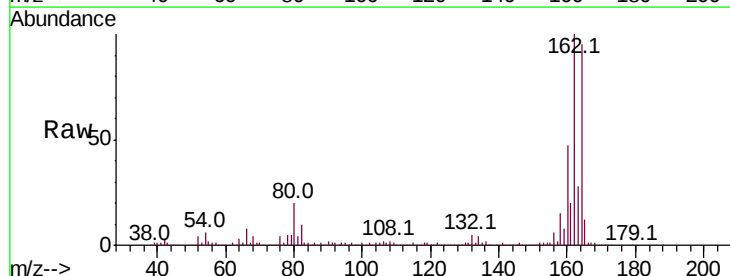
Instrument :
BNA_F
ClientSampleId :

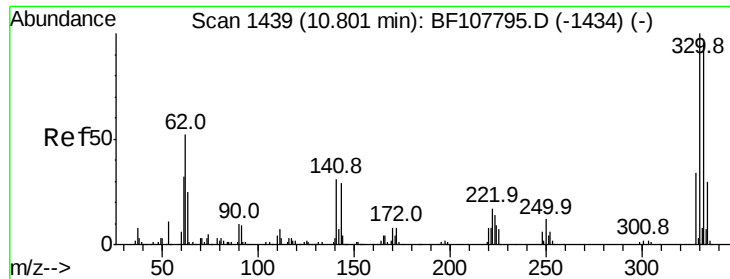
Tot Ion:142 Resp: 84989
Ion Ratio Lower Upper
142 100
141 86.8 70.8 106.2
115 34.4 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Tgt Ion:164 Resp: 319513
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 49.2 38.3 57.5

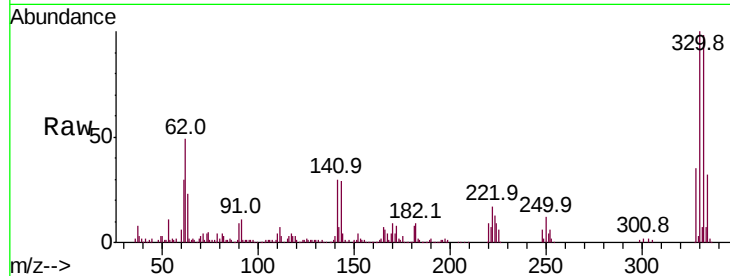




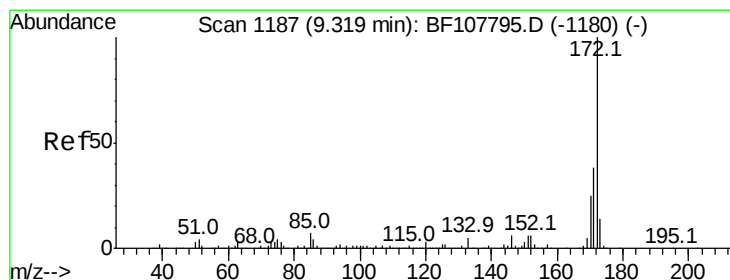
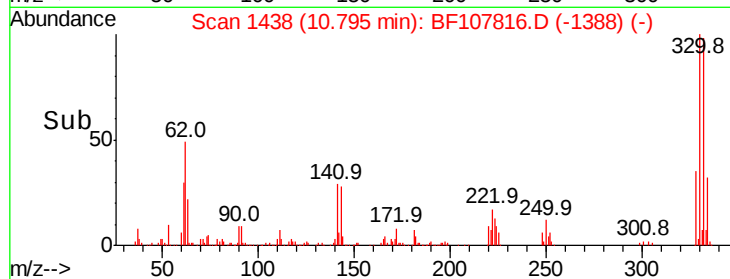
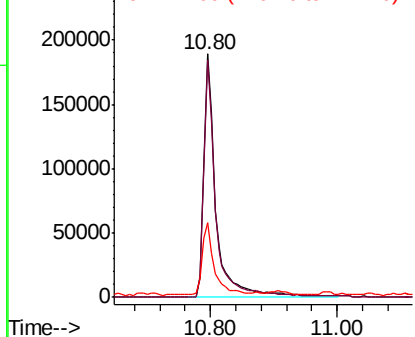
#41
 2,4,6-Tribromophenol
 Concen: 58.366 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 253397
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 27.4 29.9 44.9#

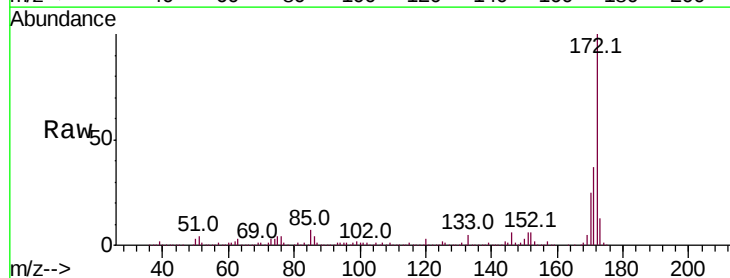


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

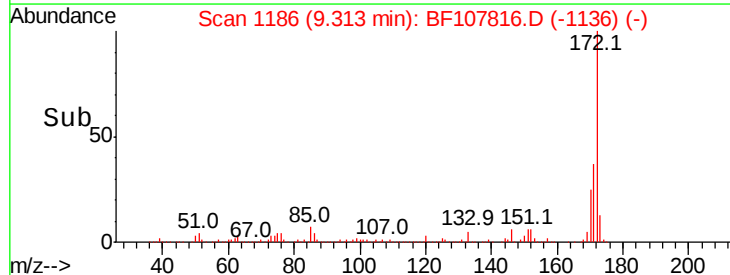
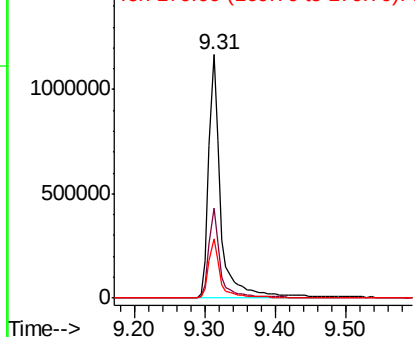


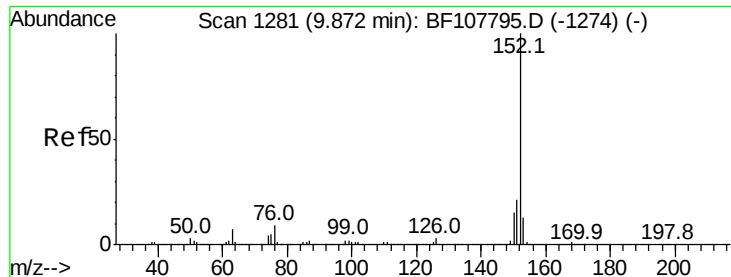
#44
 2-Fluorobiphenyl
 Concen: 61.321 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Tgt Ion:172 Resp: 1406039
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.5 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: 9.004 ng

RT: 9.86 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

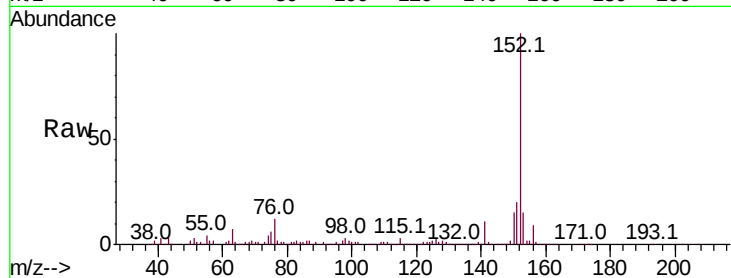
Tot Ion:152 Resp: 306079

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

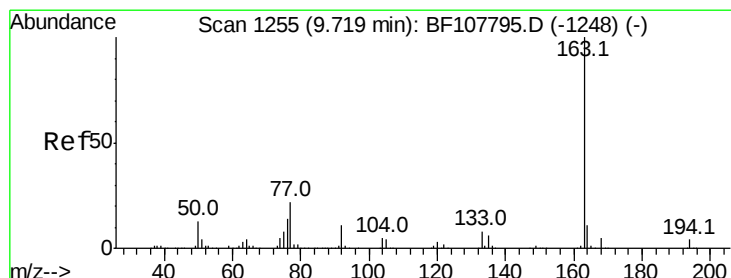
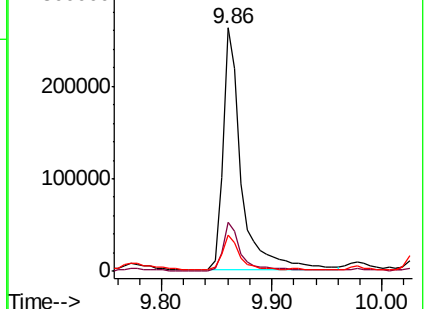
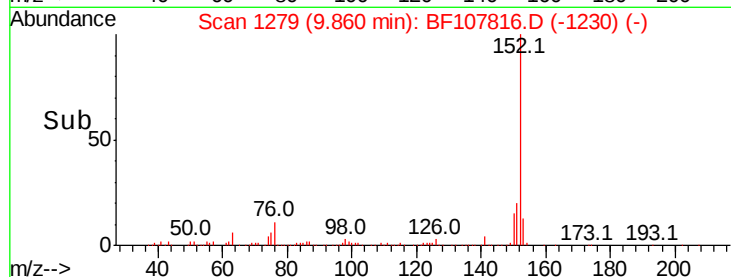
153 14.7 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.816 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

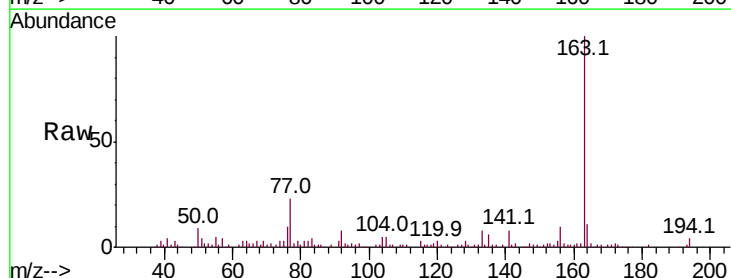
Tgt Ion:163 Resp: 91570

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

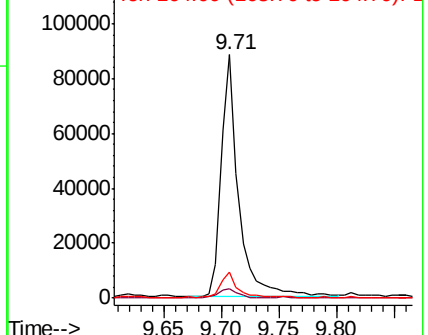
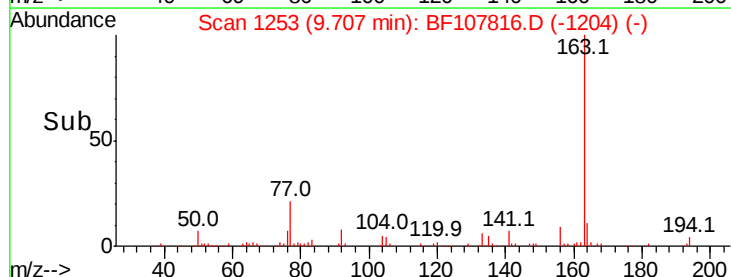
164 10.8 8.2 12.2

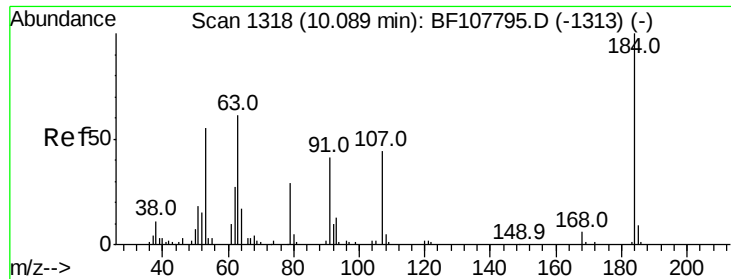


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

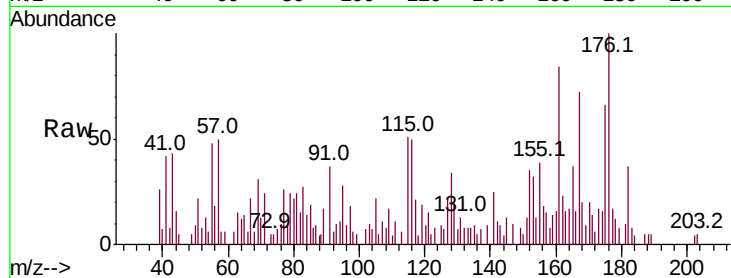




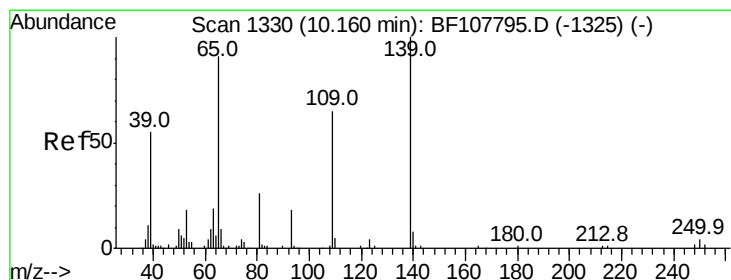
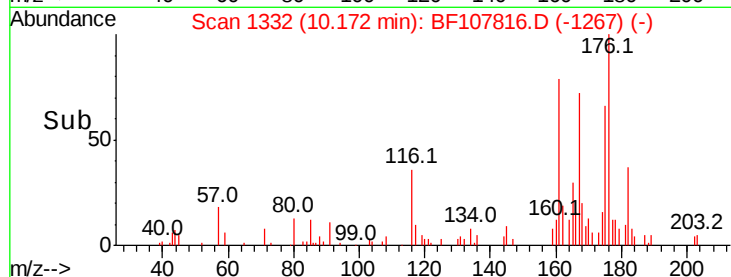
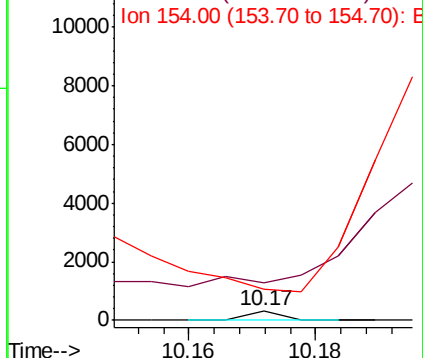
#53
 2,4-Dinitrophenol
 Concen: 8.478 ng
 RT: 10.17 min Scan# 1332
 Delta R.T. 0.08 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 116
 Ion Ratio Lower Upper
 184 100
 63 389.3 54.2 81.2#
 154 329.3 184.0 276.0#

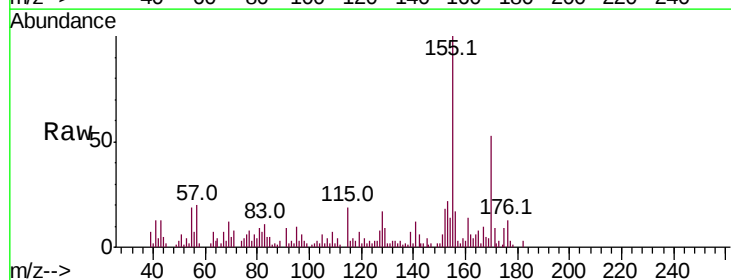


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

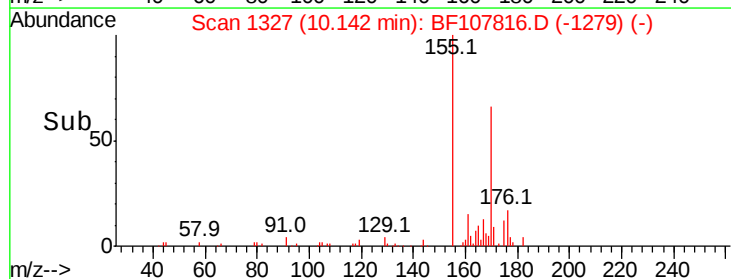
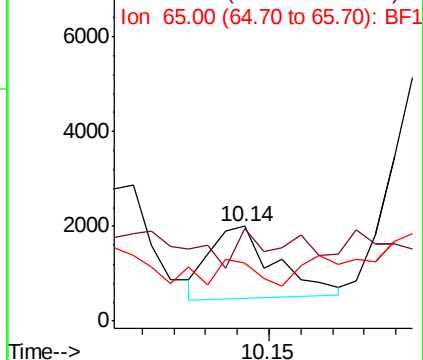


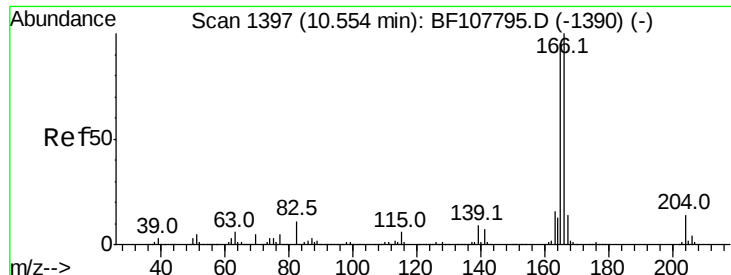
#55
 4-Nitrophenol
 Concen: 9.939 ng
 RT: 10.14 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Tgt Ion:139 Resp: 2194
 Ion Ratio Lower Upper
 139 100
 109 98.0 48.4 88.4#
 65 60.7 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

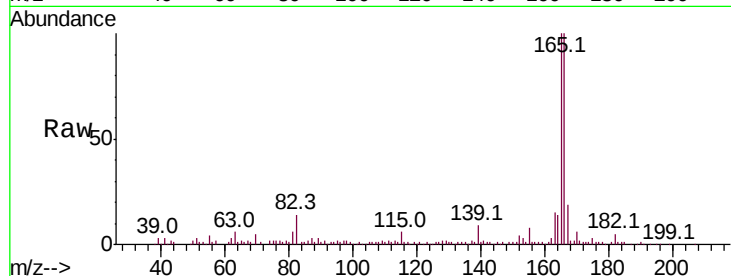




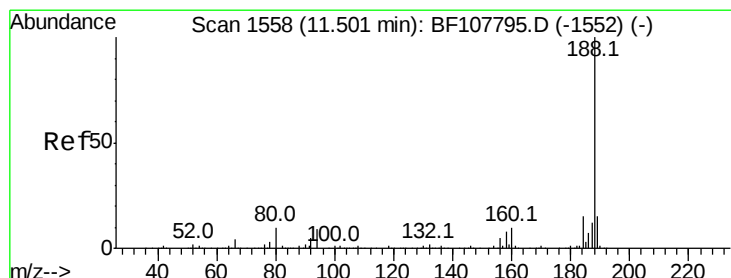
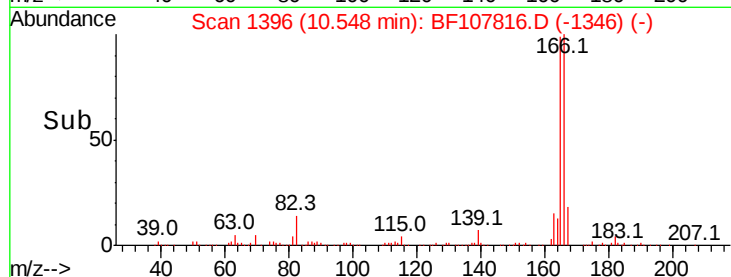
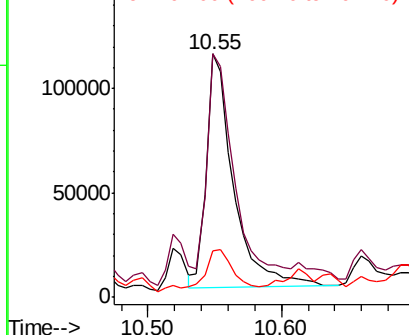
#57
Fluorene
 Concen: 6.685 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 158570
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.8 119.8
 167 19.3 10.6 16.0#

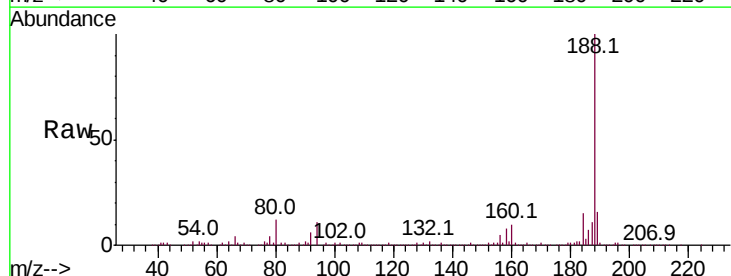


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

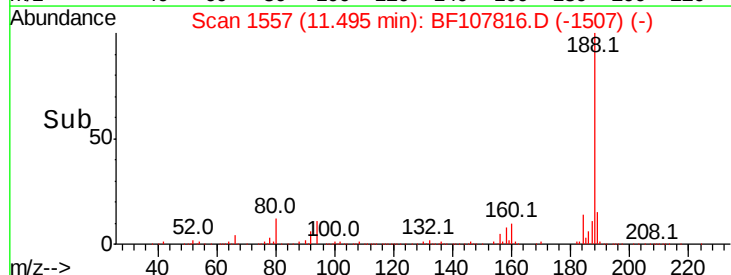
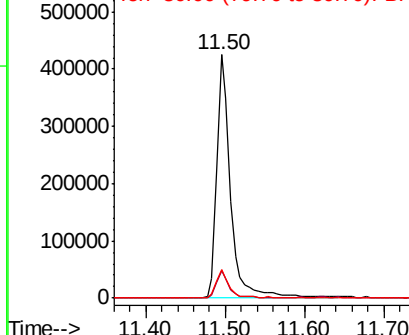


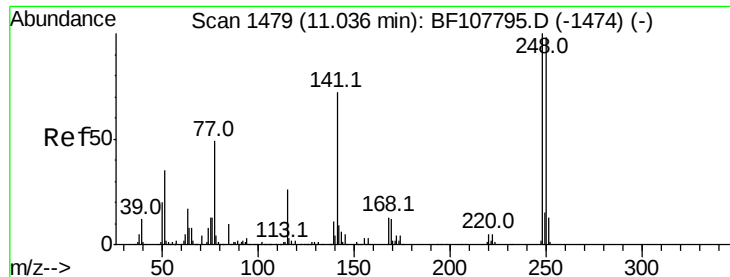
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Tgt Ion:188 Resp: 515498
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

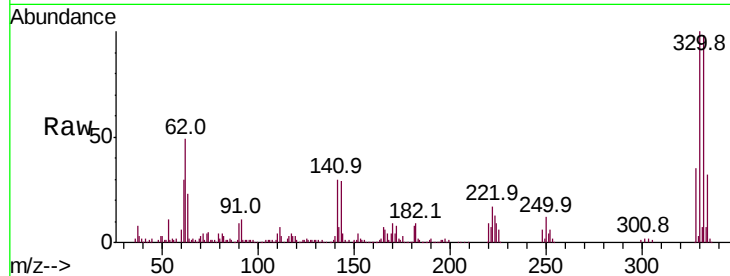




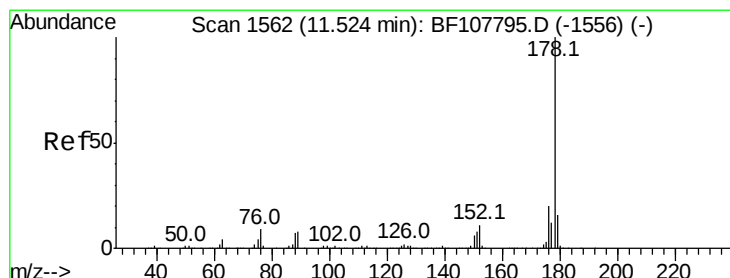
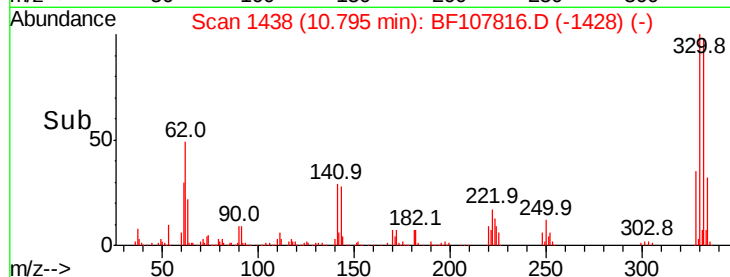
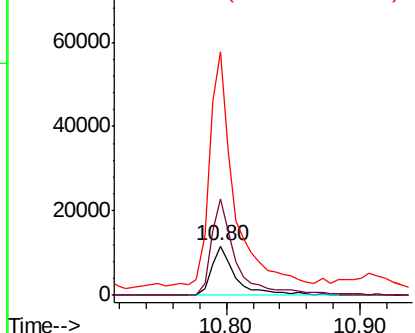
#66
4-Bromophenyl-phenylether
Concen: 2.475 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14872
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 494.7 74.4 111.6#

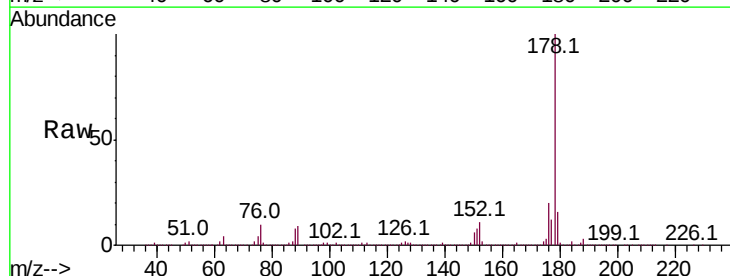


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

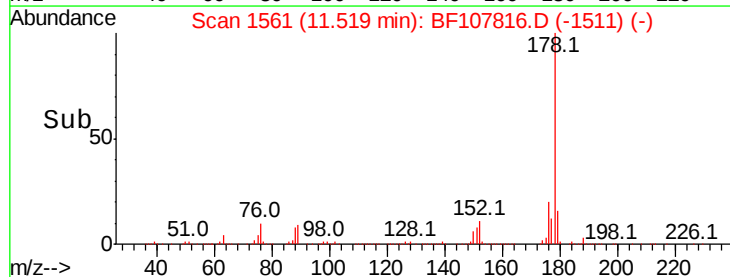
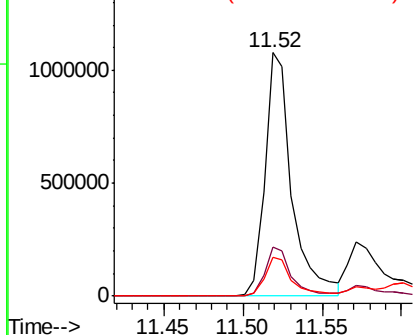


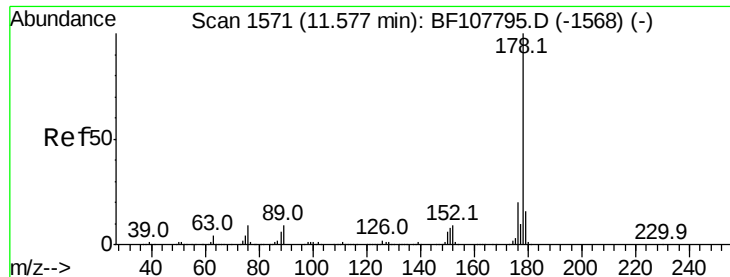
#70
Phenanthrene
Concen: 51.821 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Tgt Ion:178 Resp: 1268456
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 16.2 13.0 19.6



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

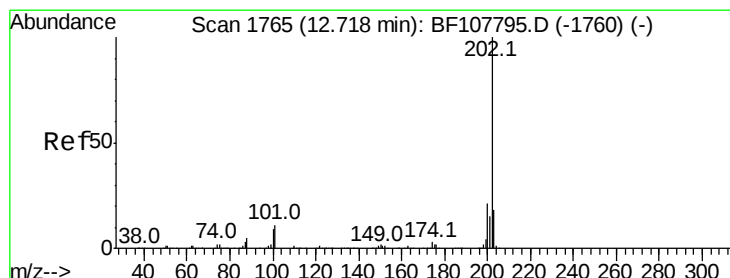
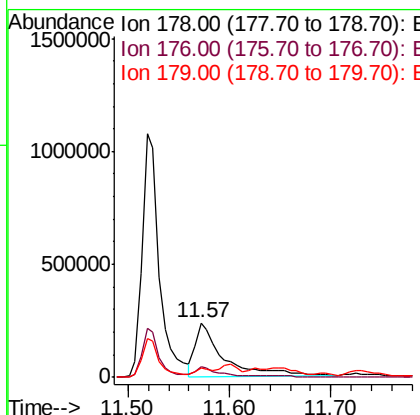
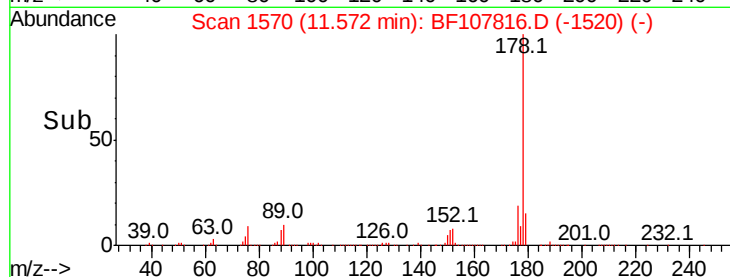
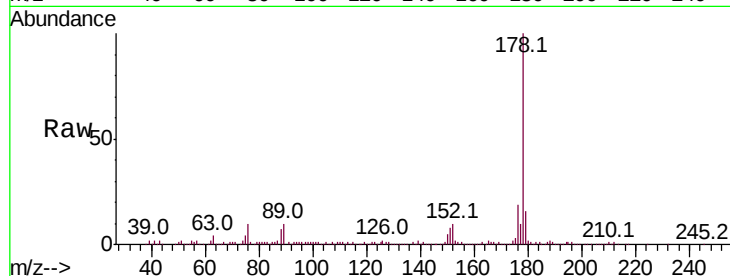




#71
 Anthracene
 Concen: 15.779 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

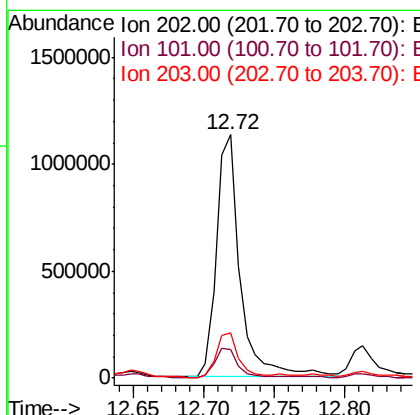
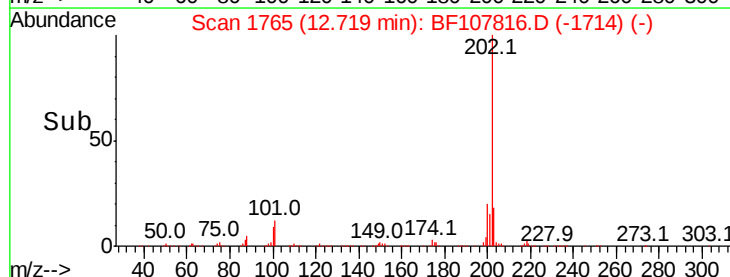
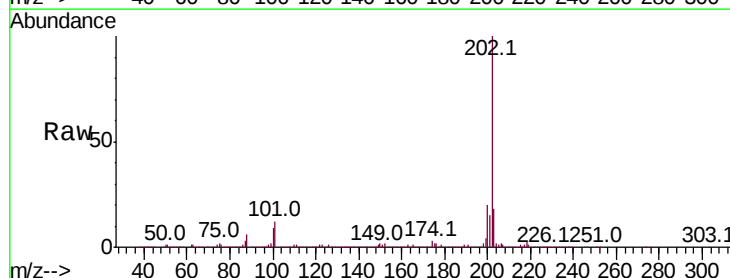
Instrument :
 BNA_F
 ClientSampleId :

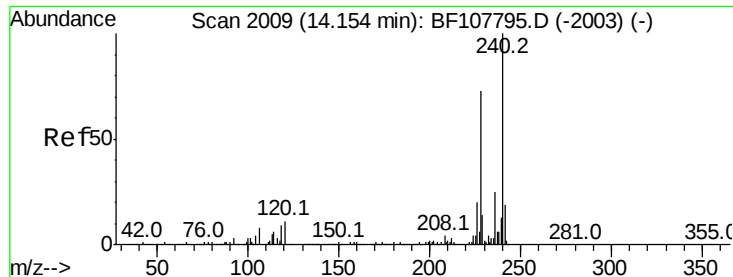
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.5	12.6	19.0



#74
 Fluoranthene
 Concen: 46.369 ng
 RT: 12.72 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF107816.D
 Acq: 30 Jul 2018 22:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampled :

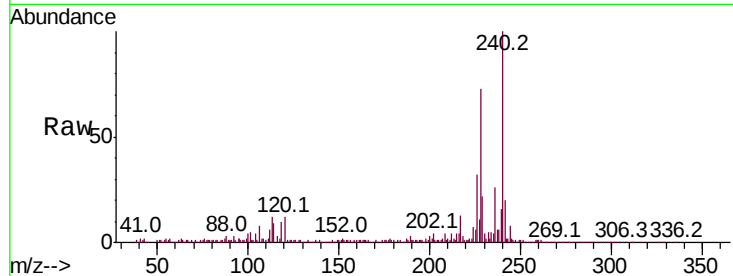
Tot Ion:240 Resp: 433635

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

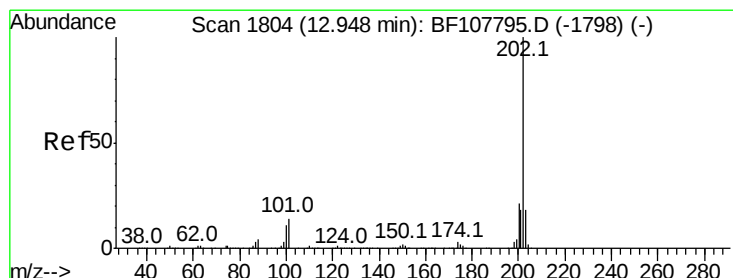
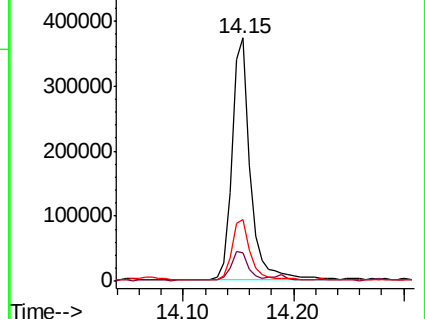
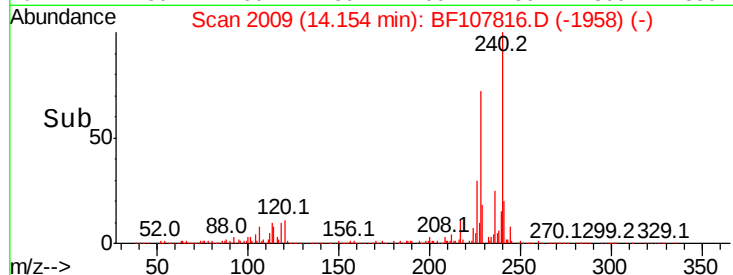
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 55.202 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

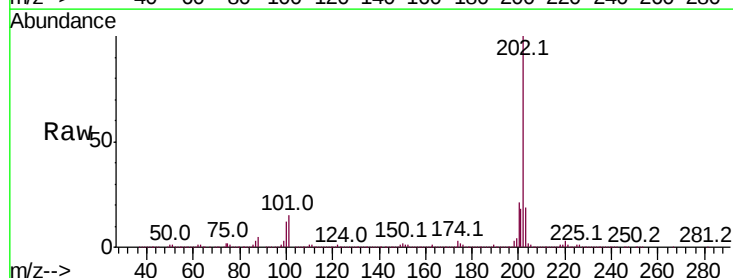
Tgt Ion:202 Resp: 1723697

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

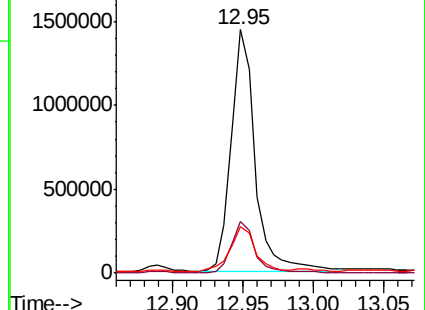
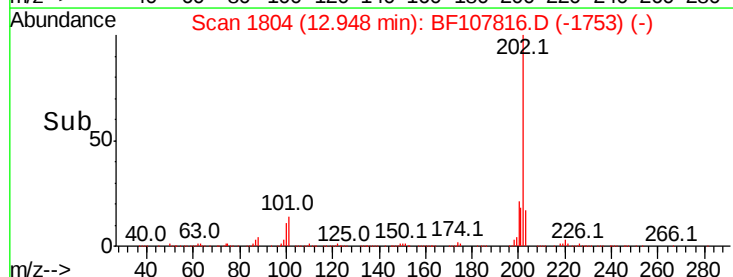
203 19.3 14.3 21.5

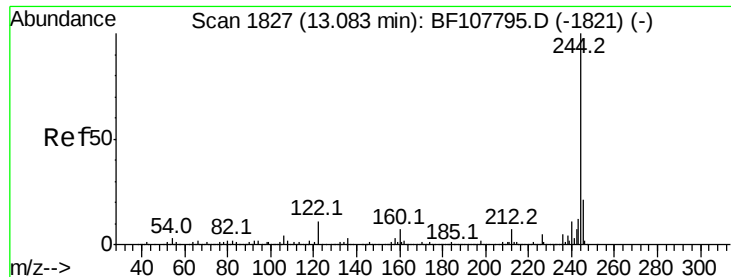


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 51.613 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

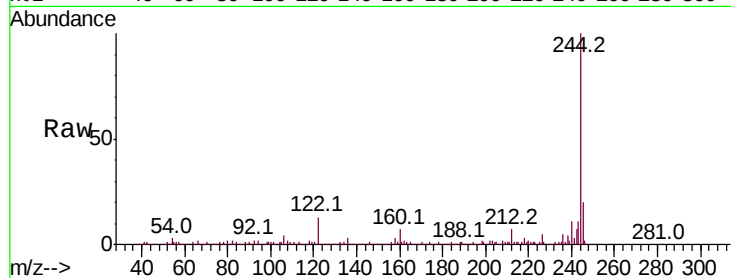
Tot Ion:244 Resp: 1032145

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

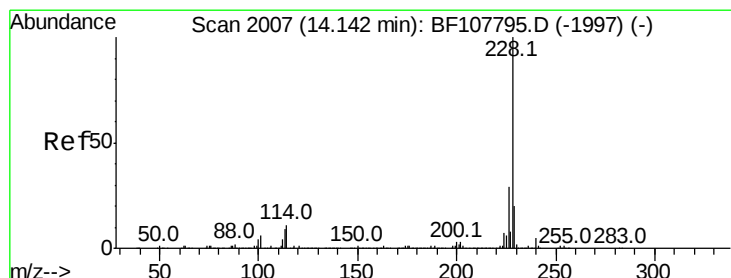
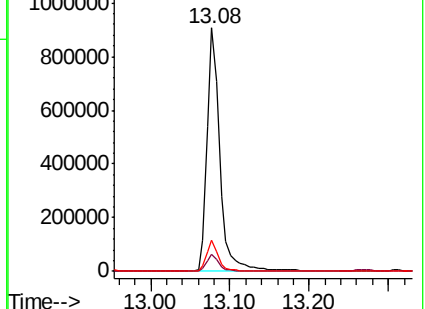
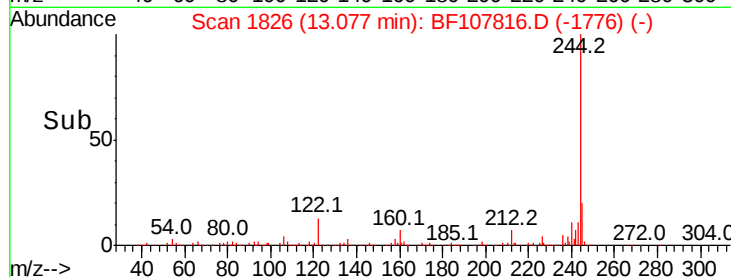
122 12.7 11.0 16.4



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: 39.954 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.04 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

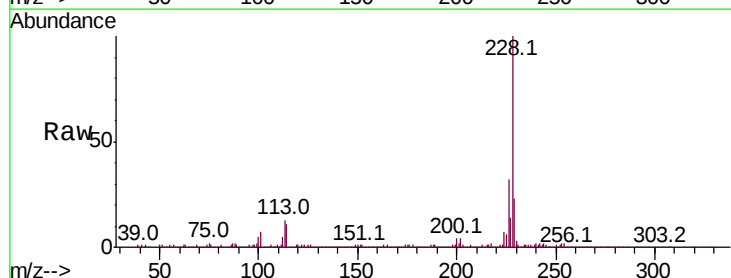
Tgt Ion:228 Resp: 981418

Ion Ratio Lower Upper

228 100

226 32.0 22.6 33.8

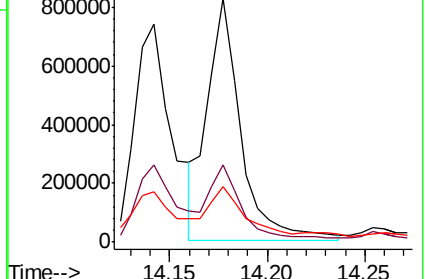
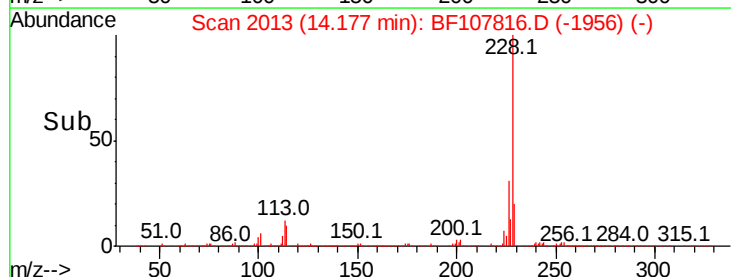
229 22.7 15.8 23.6

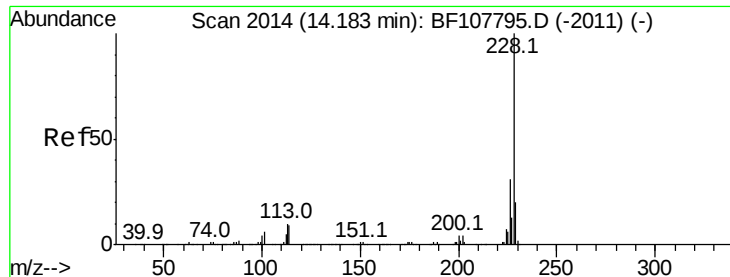


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 37.042 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampled :

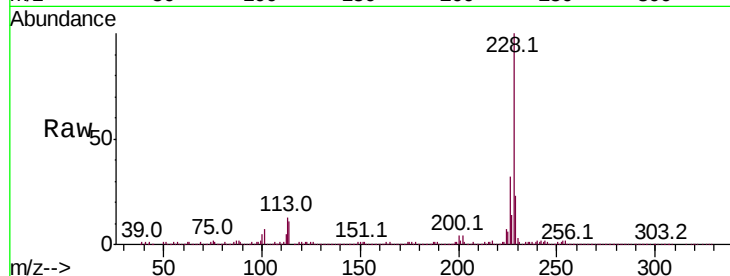
Tot Ion:228 Resp: 981418

Ion Ratio Lower Upper

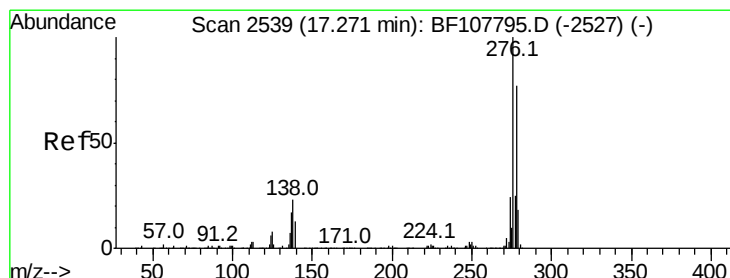
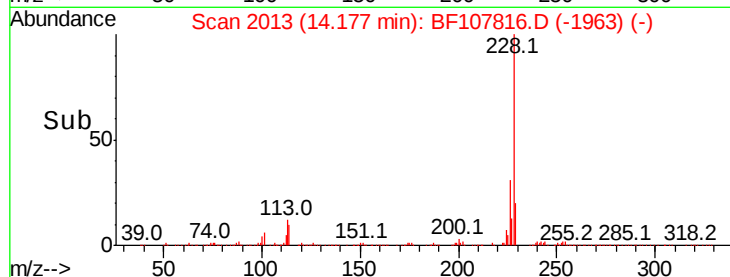
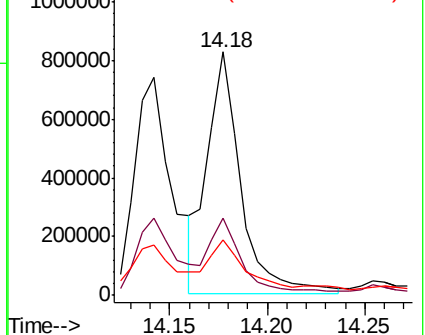
228 100

226 32.0 25.0 37.6

229 22.7 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 16.484 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

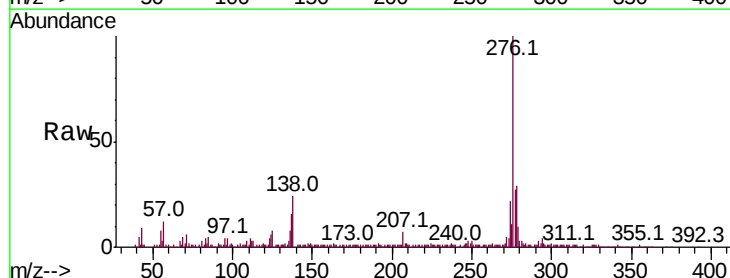
Tgt Ion:276 Resp: 332189

Ion Ratio Lower Upper

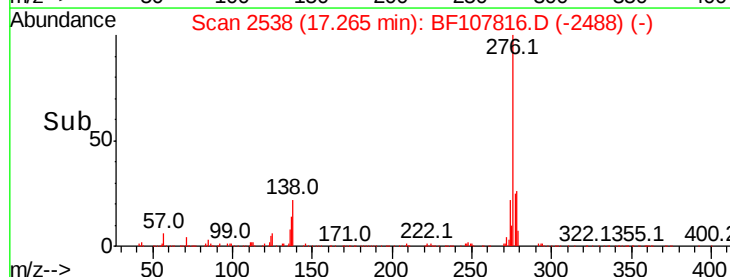
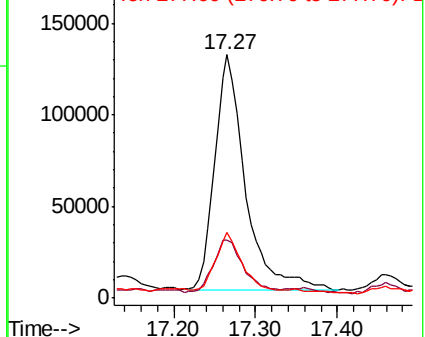
276 100

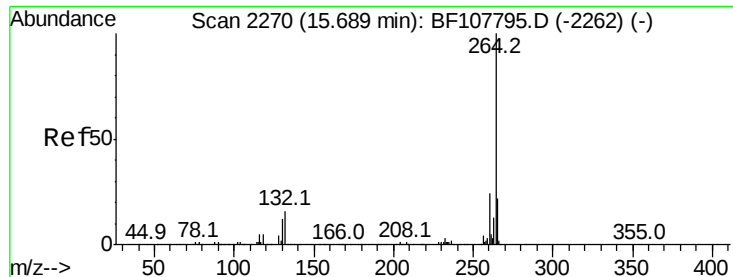
138 22.3 25.0 37.6#

277 20.5 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

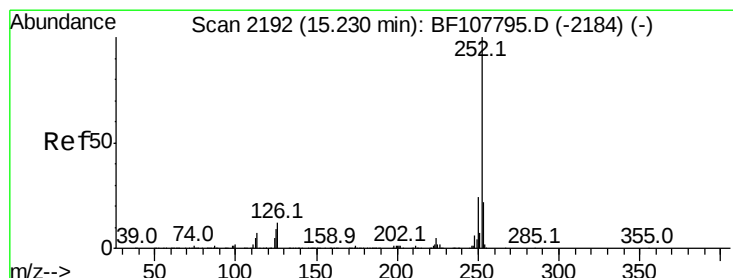
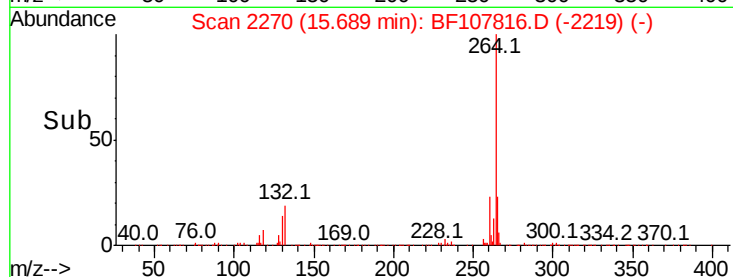
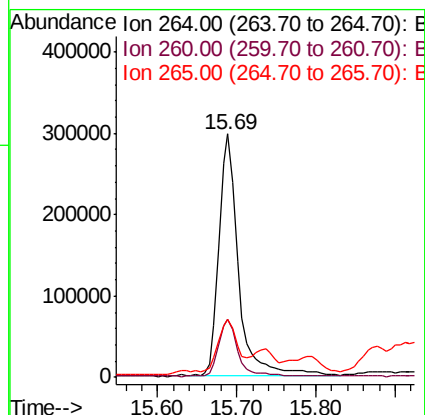
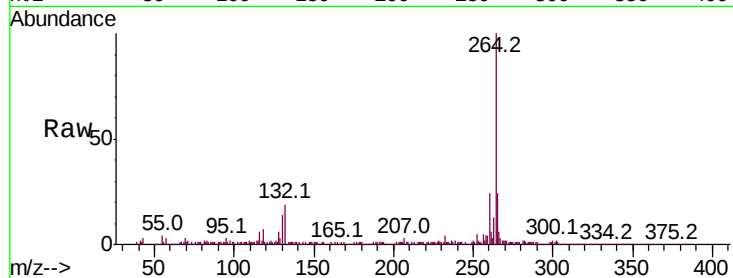




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

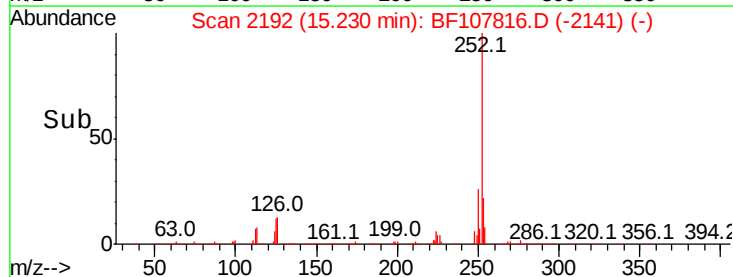
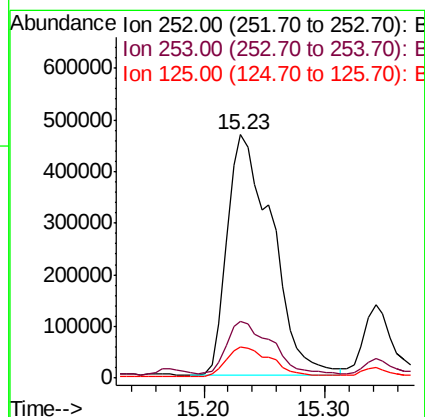
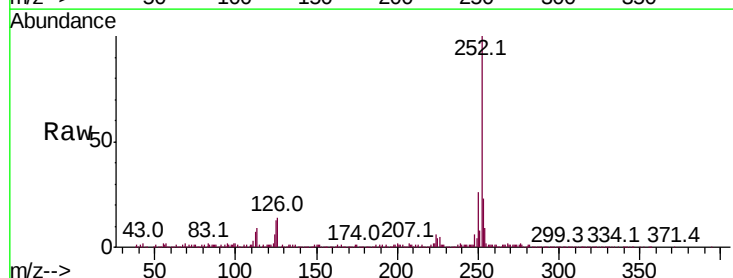
Instrument :
BNA_F
ClientSampleId :

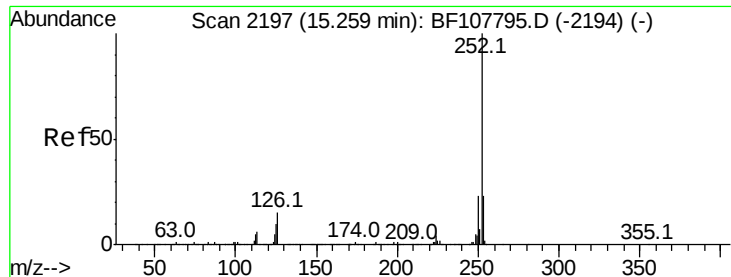
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	24.0	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 48.800 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	12.6	9.0	13.6

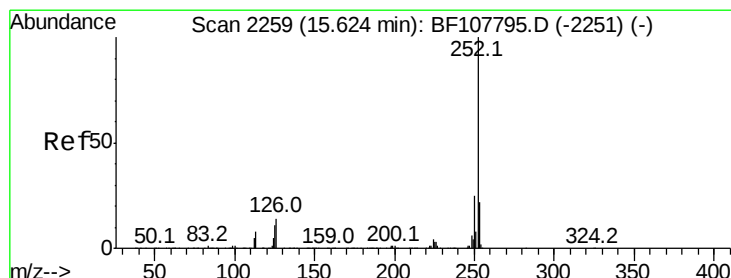
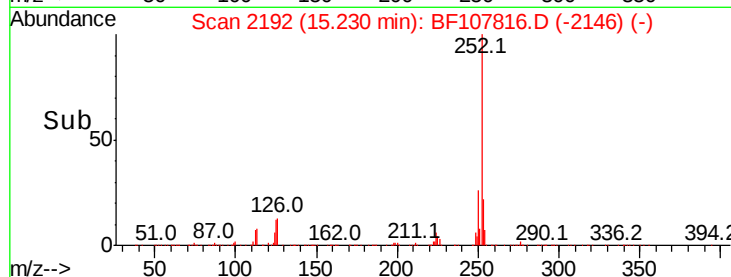
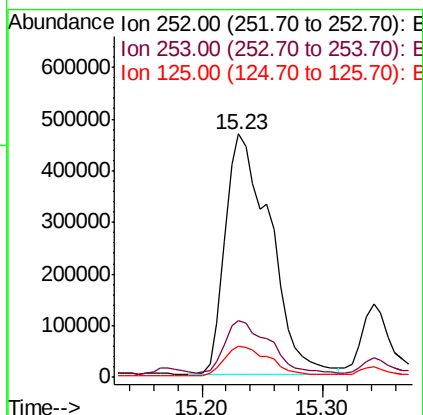
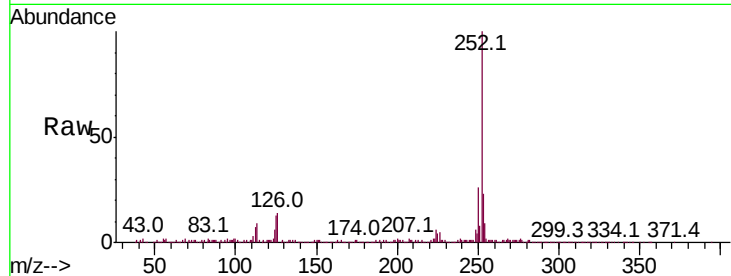




#88
Benzo(k)fluoranthene
Concen: 39.747 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

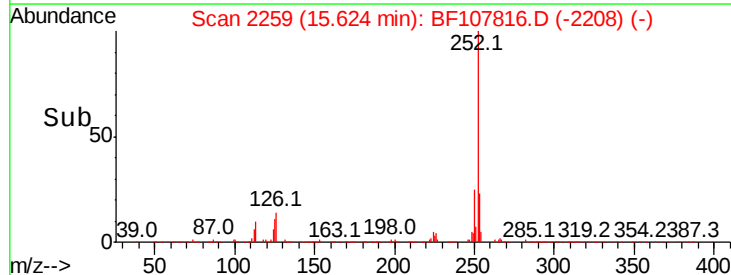
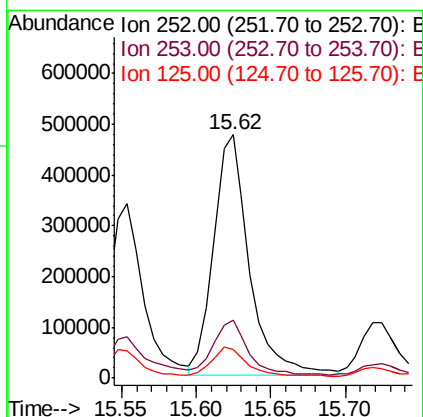
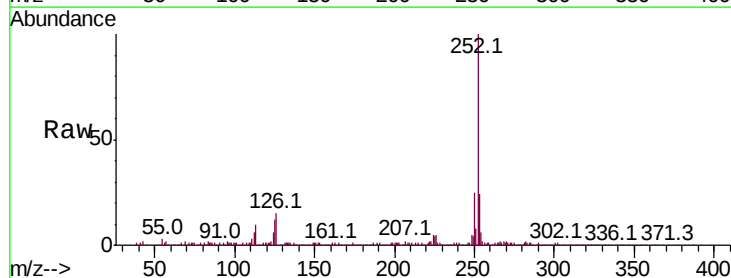
Instrument :
BNA_F
ClientSampleId :

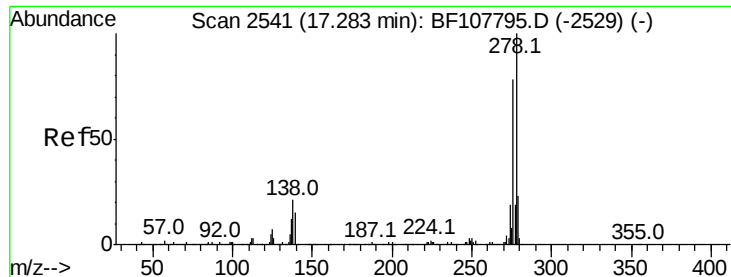
Tot Ion:252 Resp: 1208158
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 12.6 10.2 15.2



#89
Benzo(a)pyrene
Concen: 30.869 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107816.D
Acq: 30 Jul 2018 22:33

Tgt Ion:252 Resp: 788975
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 11.7 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 4.154 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

Instrument :

BNA_F

ClientSampleId :

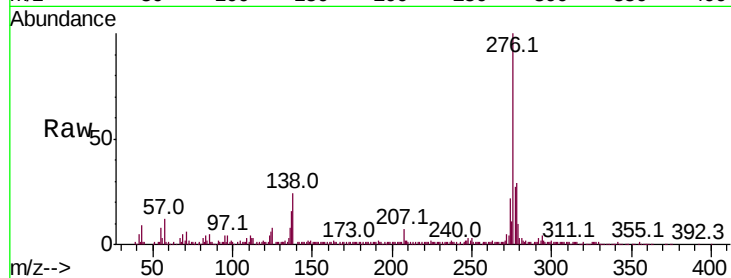
Tot Ion:278 Resp: 92605

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

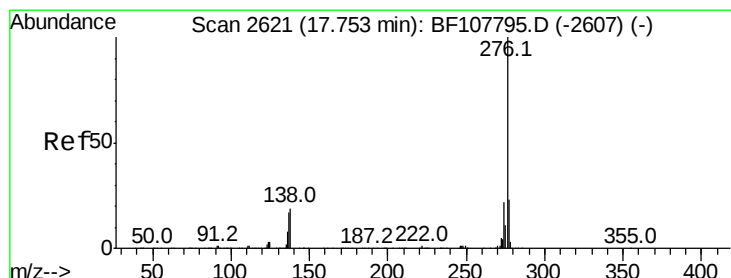
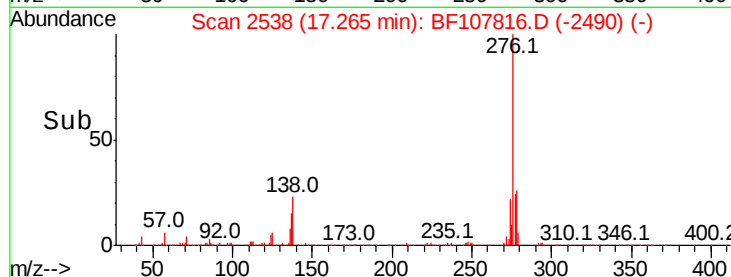
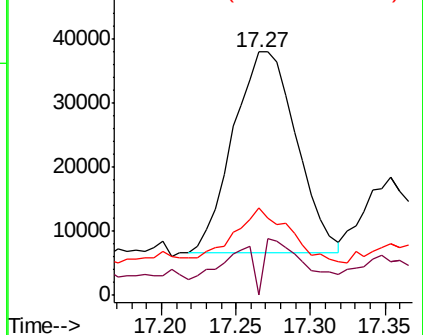
279 36.1 19.0 28.4#



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: 14.621 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107816.D

Acq: 30 Jul 2018 22:33

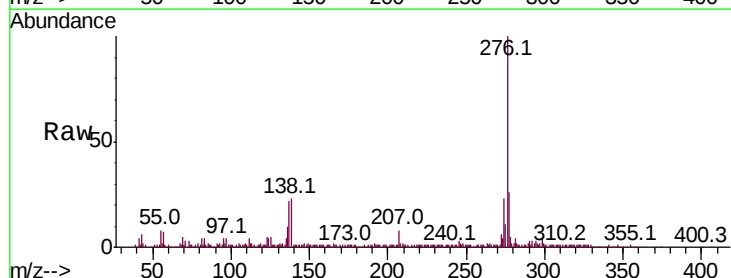
Tgt Ion:276 Resp: 315405

Ion Ratio Lower Upper

276 100

277 25.9 17.9 26.9

138 23.1 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

