

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104706.D
 Acq On : 23 Apr 2018 13:48
 Operator : JU/SJ
 Sample : J2482-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:41:52 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111731	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	427870	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	170271	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	227859	20.00	ng	0.02
75) Chrysene-d12	14.02	240	152265	20.00	ng	0.03
86) Perylene-d12	15.50	264	127972	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	649100	88.83	ng	0.02
7) Phenol-d6	6.46	99	781296	87.02	ng	0.01
23) Nitrobenzene-d5	7.37	82	451435	68.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	147667	83.60	ng	0.01
44) 2-Fluorobiphenyl	9.17	172	781759	72.53	ng	0.00
78) Terphenyl-d14	12.95	244	486131	72.79	ng	0.03

Target Compounds

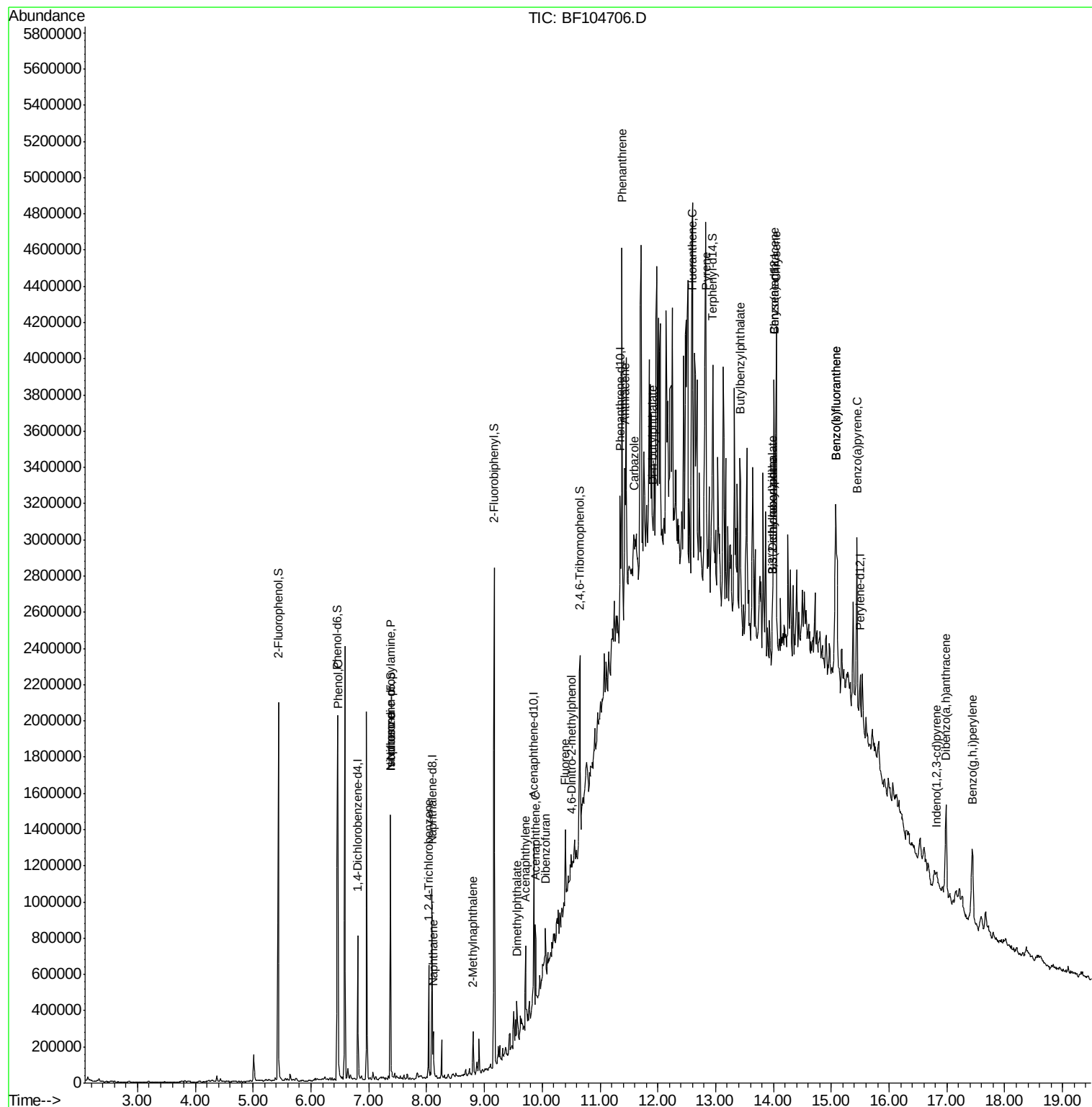
						Qvalue
10) Phenol	6.47	94	38628	4.055	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	60924	10.384	ng	# 73
25) Isophorone	7.37	82	448633	32.378	ng	# 64
30) 1,2,4-Trichlorobenzene	8.03	180	105005	16.398	ng	98
31) Naphthalene	8.12	128	94842	4.451	ng	99
37) 2-Methylnaphthalene	8.80	142	54942	3.987	ng	97
48) Acenaphthylene	9.71	152	158416	8.937	ng	99
49) Dimethylphthalate	9.56	163	58597	4.364	ng	97
51) Acenaphthene	9.88	154	80294	7.424	ng	99
54) Dibenzofuran	10.06	168	66060	4.383	ng	# 97
57) Fluorene	10.40	166	123975	11.300	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	107	7.429	ng	# 1
70) Phenanthrene	11.38	178	1170490	92.242	ng	99
71) Anthracene	11.43	178	391695	30.367	ng	98
72) Carbazole	11.59	167	102563	8.137	ng	# 92
73) Di-n-butylphthalate	11.92	149	49278	3.200	ng	# 68
74) Fluoranthene	12.60	202	1681111	126.801	ng	98
77) Pyrene	12.83	202	1514036	134.147	ng	98
79) Butylbenzylphthalate	13.42	149	33559	6.311	ng	# 73
80) Benzo(a)anthracene	14.01	228	889815	97.820	ng	95
81) 3,3'-Dichlorobenzidine	13.98	252	6932	2.044	ng	# 42
82) Chrysene	14.05	228	549025	58.760	ng	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	24800	3.626	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.82	276	73106	9.211	ng	96
87) Benzo(b)fluoranthene	15.07	252	1022185	126.469	ng	# 93
88) Benzo(k)fluoranthene	15.07	252	1022185	133.959	ng	96
89) Benzo(a)pyrene	15.44	252	549156	75.936	ng	# 94
90) Dibenzo(a,h)anthracene	16.99	278	96193	16.195	ng	# 90
91) Benzo(g,h,i)perylene	17.44	276	373469	64.902	ng	97

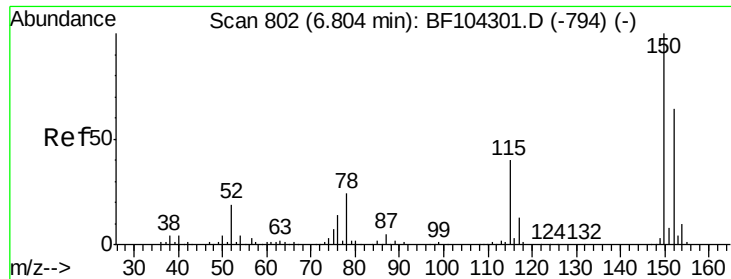
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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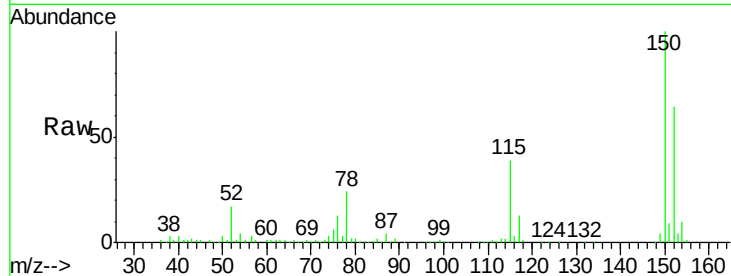


#1

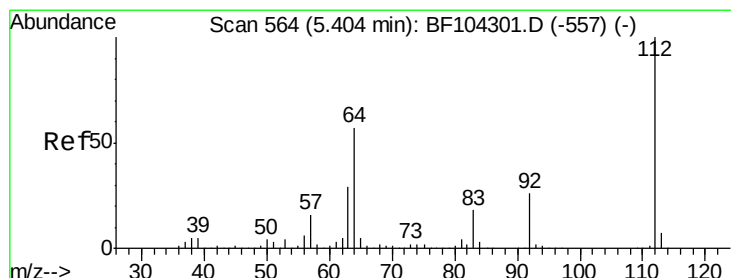
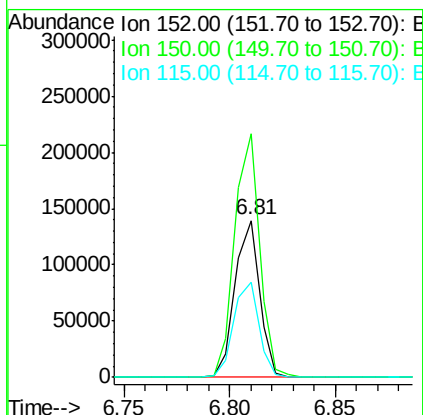
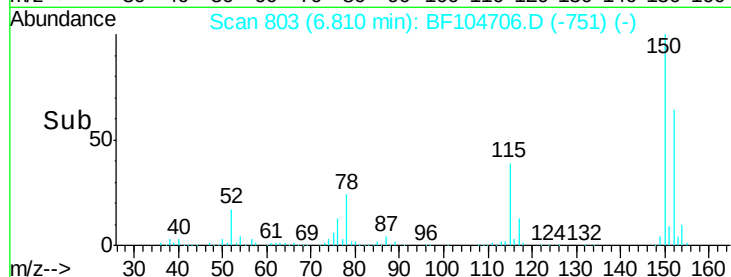
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111731
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 60.8 50.1 75.1



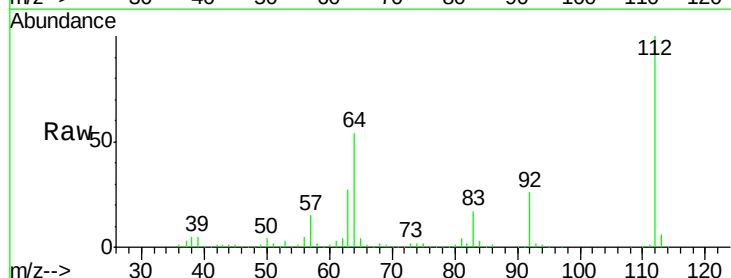
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



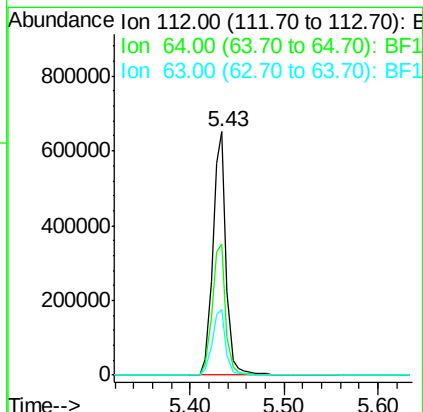
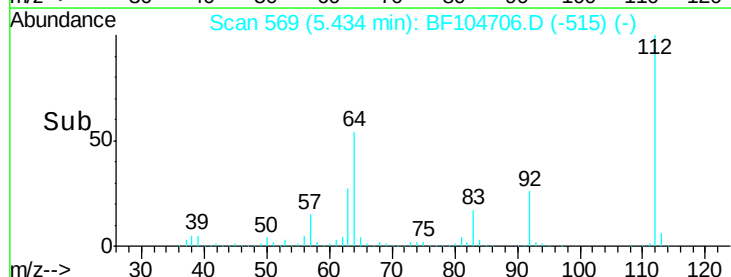
#5

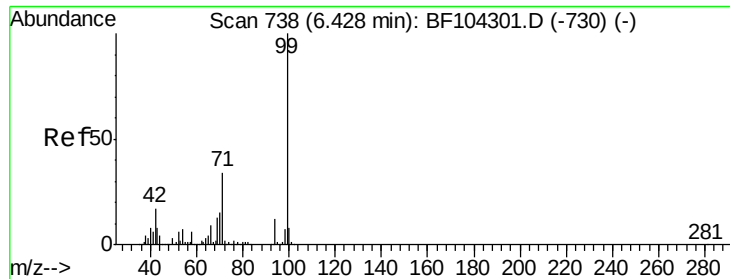
2-Fluorophenol
Concen: 88.830 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion:112 Resp: 649100
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 27.1 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: 87.022 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampled :

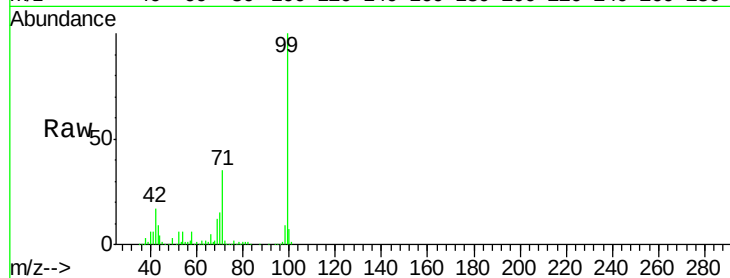
Tot Ion: 99 Resp: 781296

Ion Ratio Lower Upper

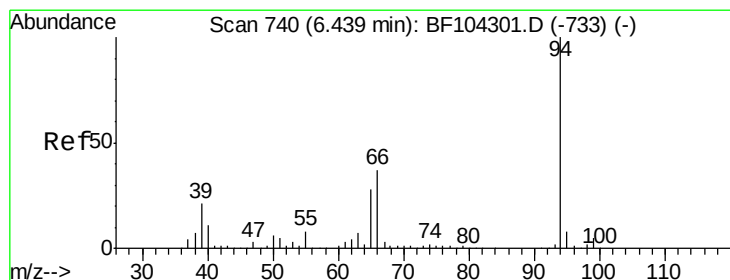
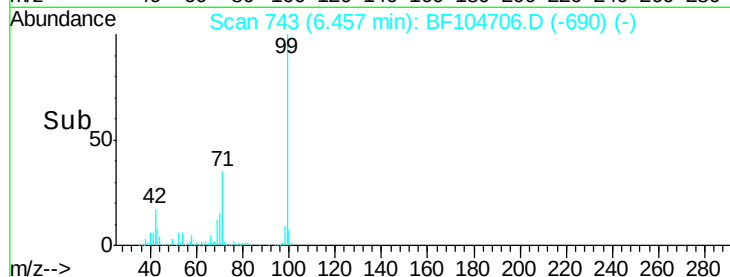
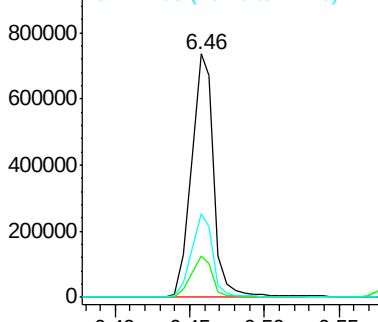
99 100

42 16.8 14.5 21.7

71 34.5 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



#10

Phenol

Concen: 4.055 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

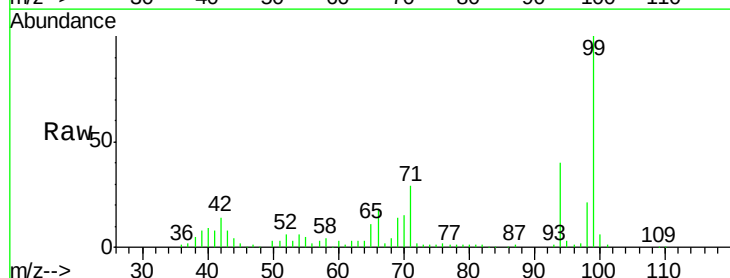
Tgt Ion: 94 Resp: 38628

Ion Ratio Lower Upper

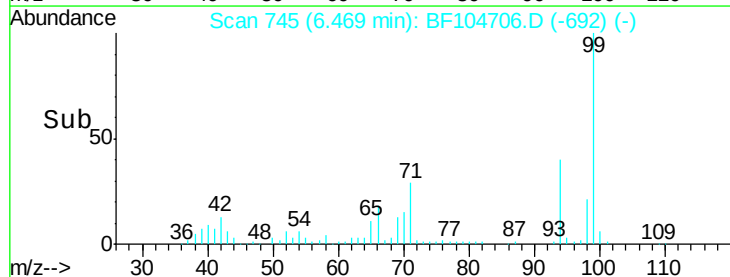
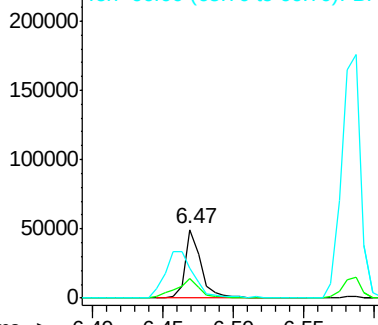
94 100

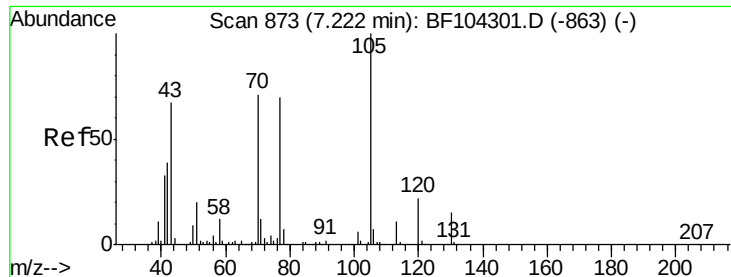
65 28.1 7.9 47.9

66 44.3 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

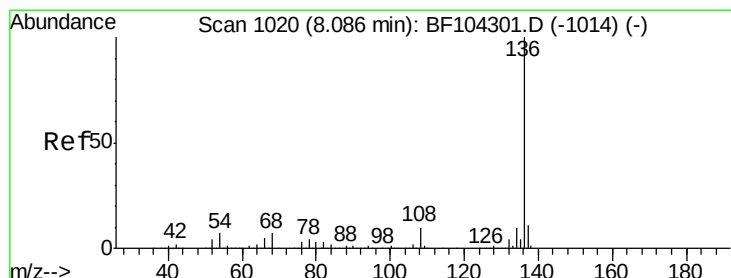
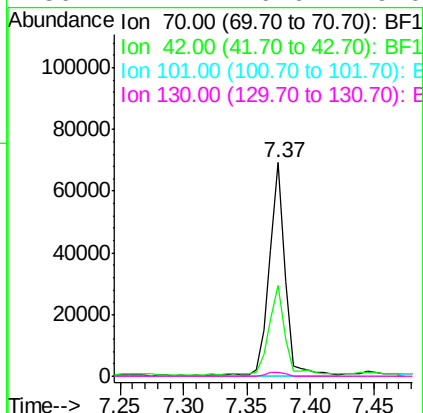
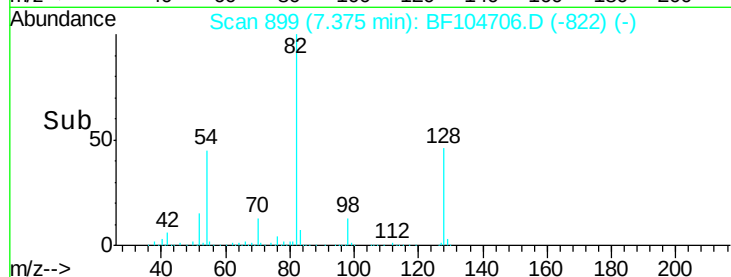
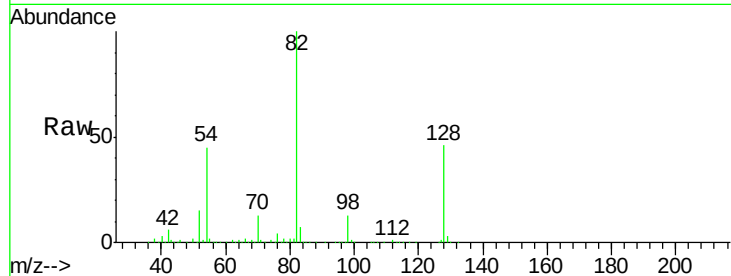




#19
n-Nitroso-di-n-propylamine
Concen: 10.384 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

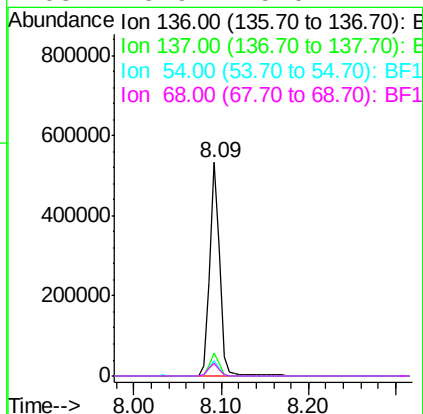
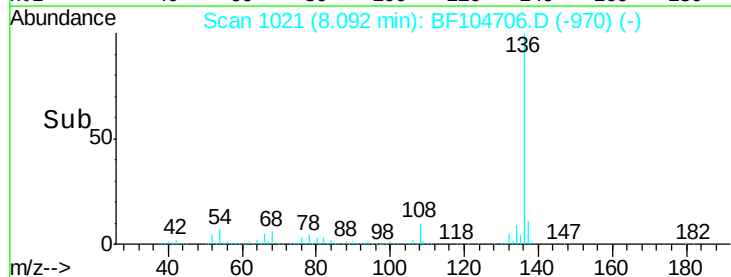
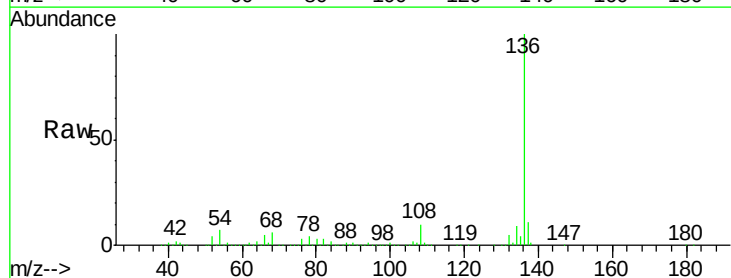
Instrument :
BNA_F
ClientSampleId :

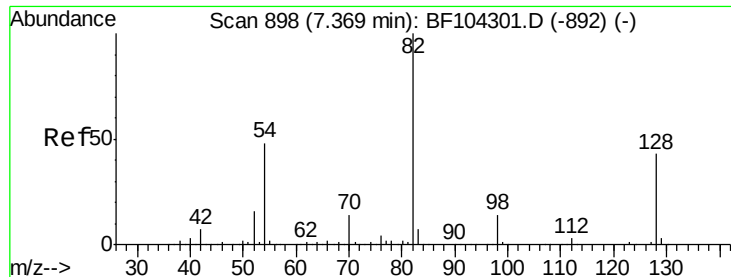
Tot Ion: 70 Resp: 60924
Ion Ratio Lower Upper
70 100
42 42.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion: 136 Resp: 427870
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.1 6.6 9.8
68 5.9 5.0 7.4

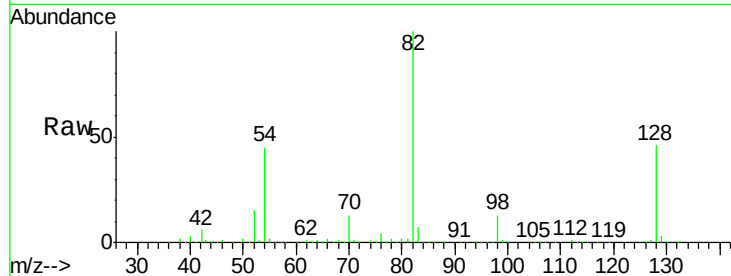




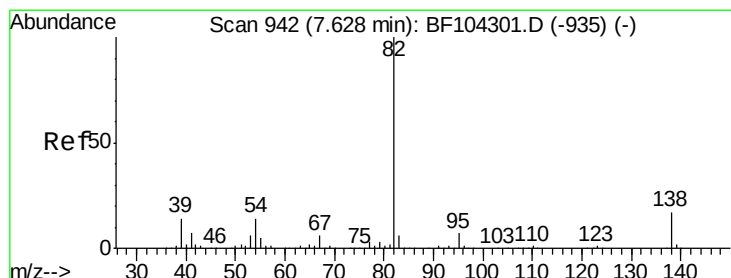
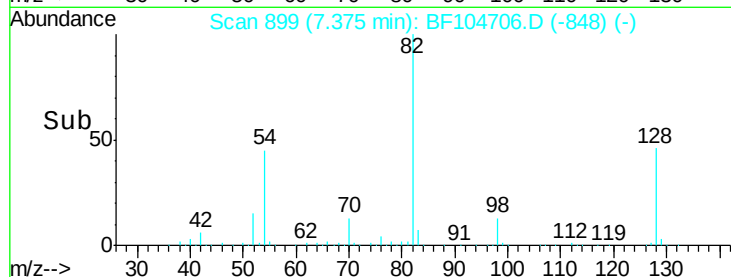
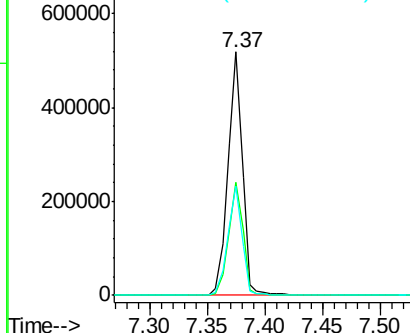
#23
Nitrobenzene-d5
Concen: 68.894 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 451435
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 44.7 41.4 62.2

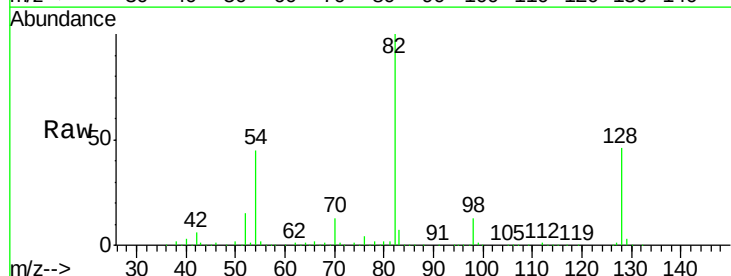


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

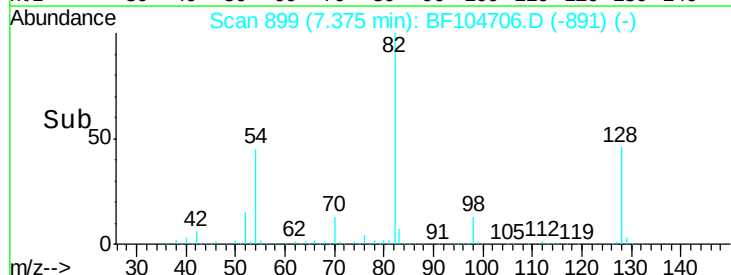
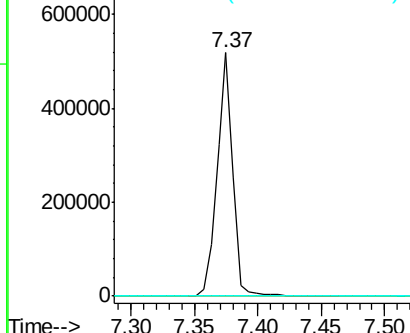


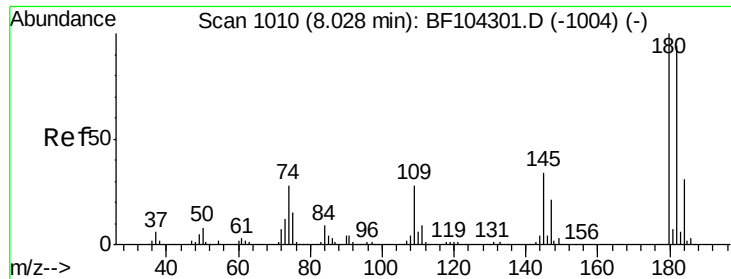
#25
Isophorone
Concen: 32.378 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.25 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion: 82 Resp: 448633
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

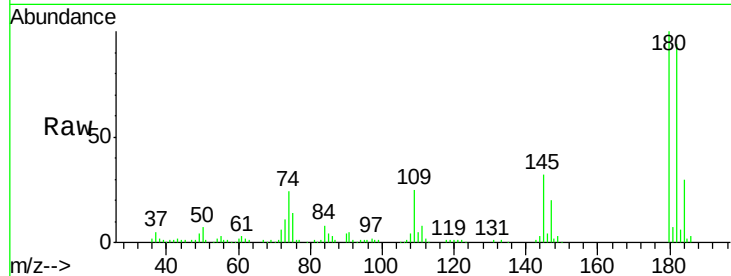




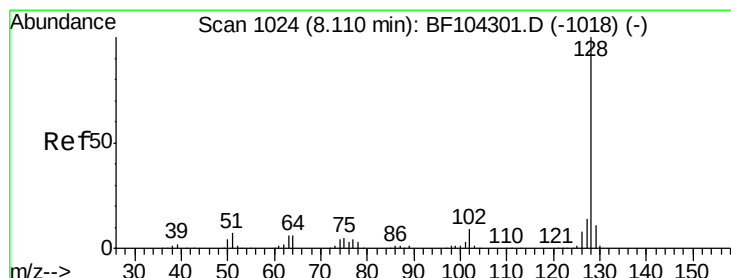
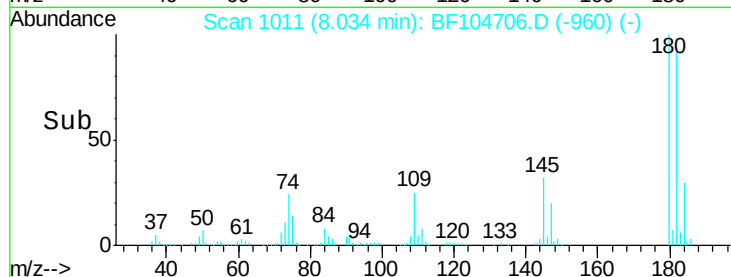
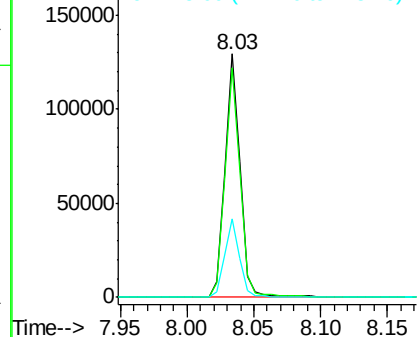
#30
 1,2,4-Trichlorobenzene
 Concen: 16.398 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 105005
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.8 115.2
 145 32.3 26.5 39.7

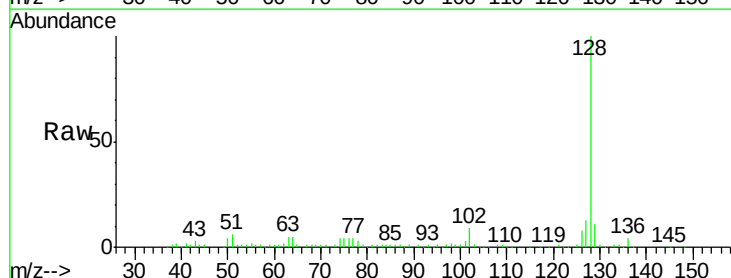


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

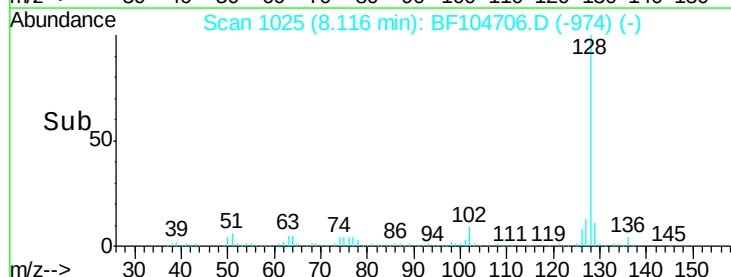
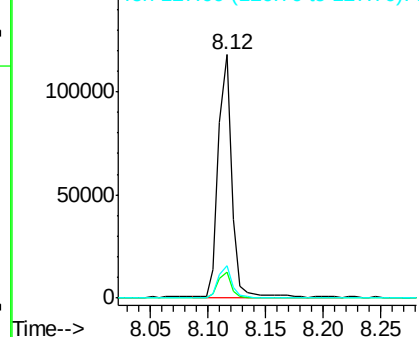


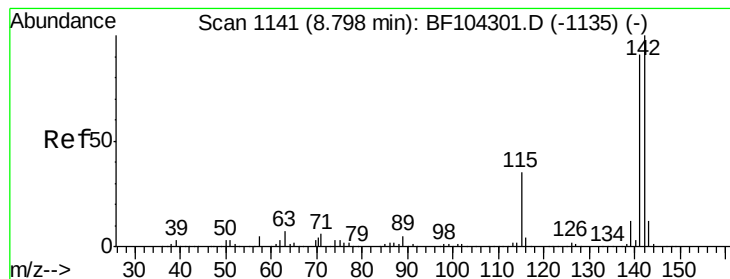
#31
 Naphthalene
 Concen: 4.451 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Tgt Ion:128 Resp: 94842
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 13.4 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: 3.987 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampleId :

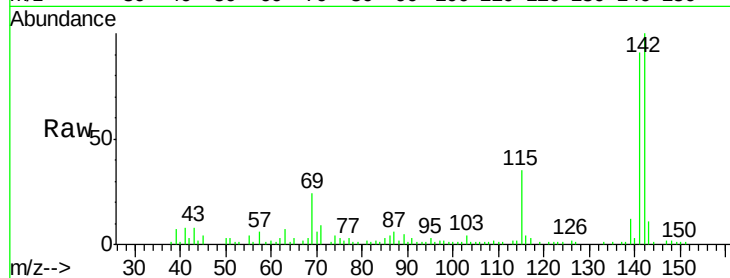
Tot Ion:142 Resp: 54942

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

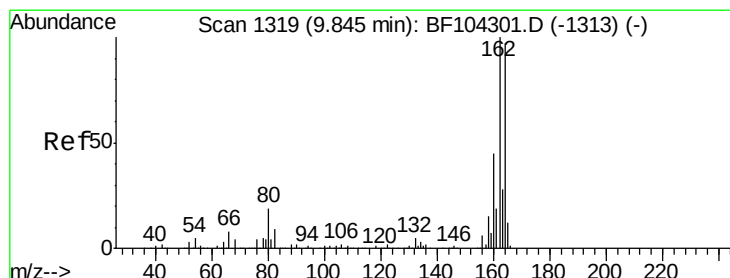
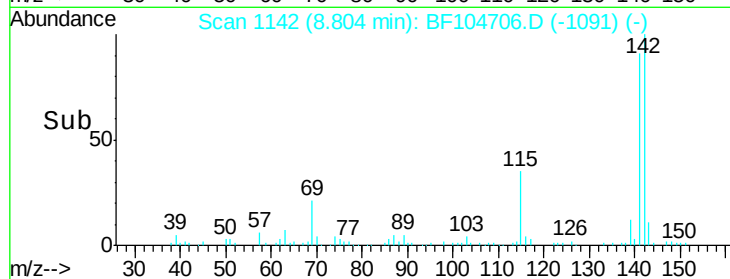
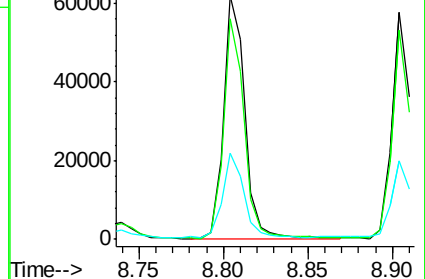
115 35.3 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

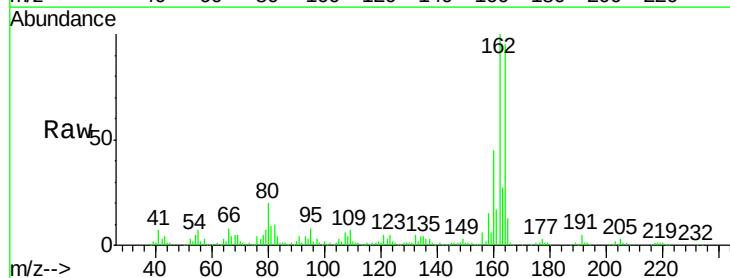
Tgt Ion:164 Resp: 170271

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

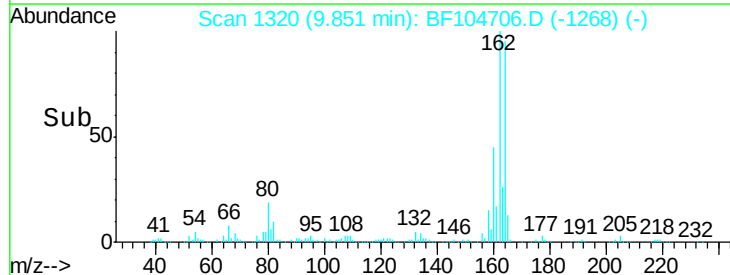
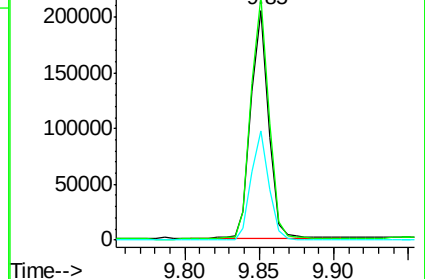
160 47.3 38.3 57.5

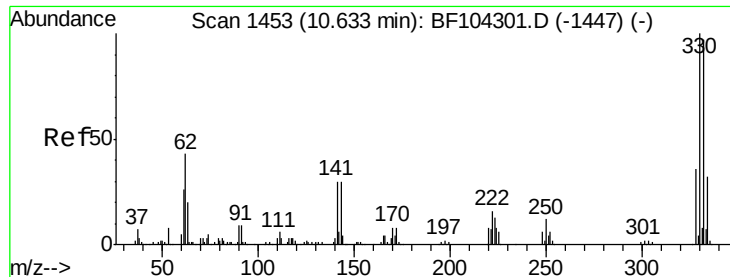


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

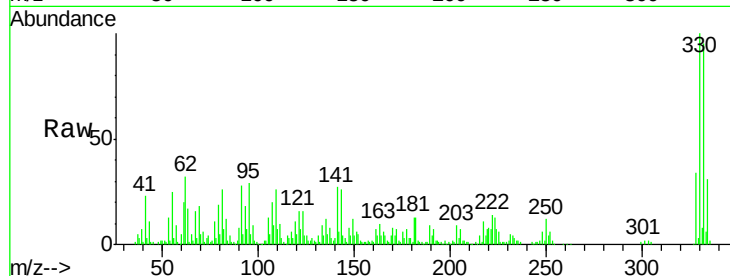




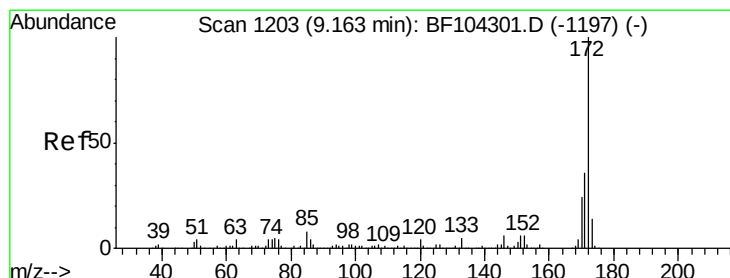
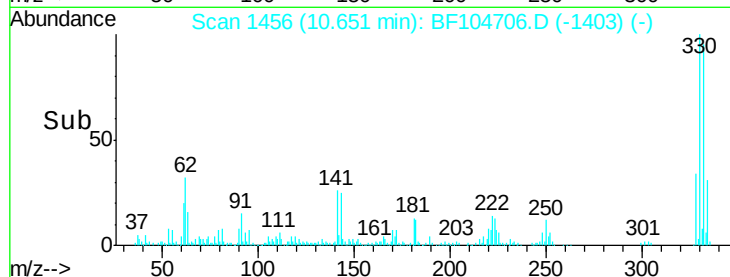
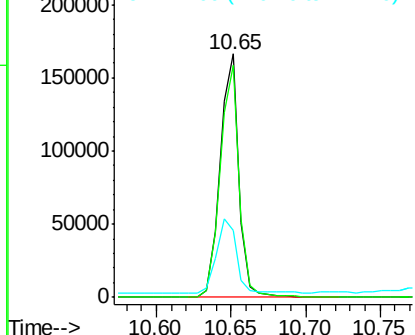
#41
 2,4,6-Tribromophenol
 Concen: 83.604 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.01 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.0	29.9	44.9

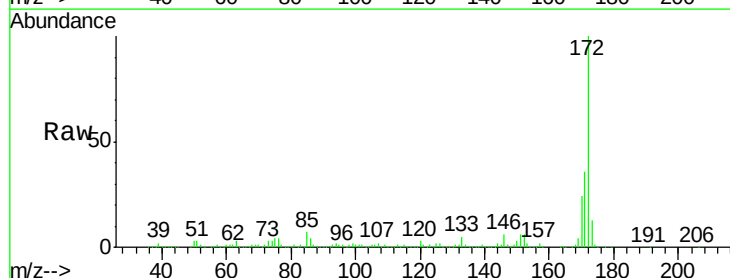


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

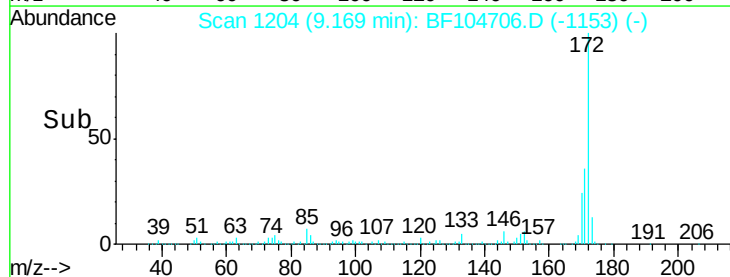
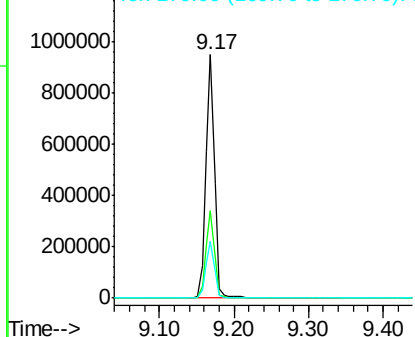


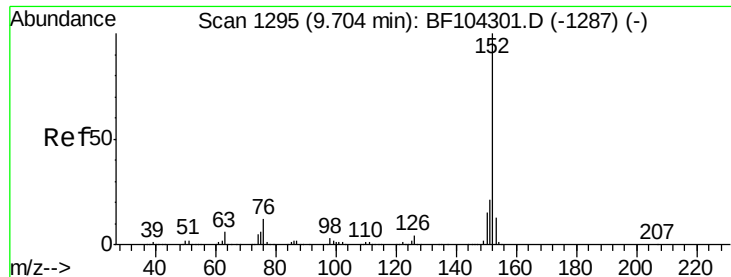
#44
 2-Fluorobiphenyl
 Concen: 72.531 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	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: 8.937 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampled :

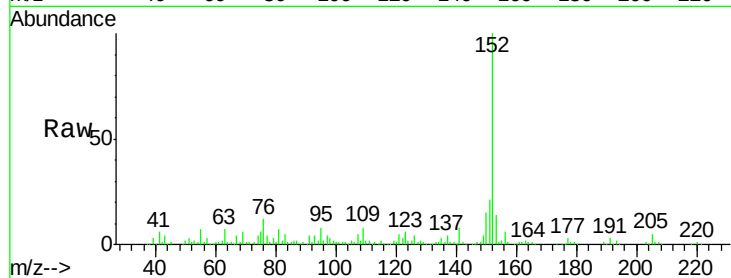
Tot Ion:152 Resp: 158416

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

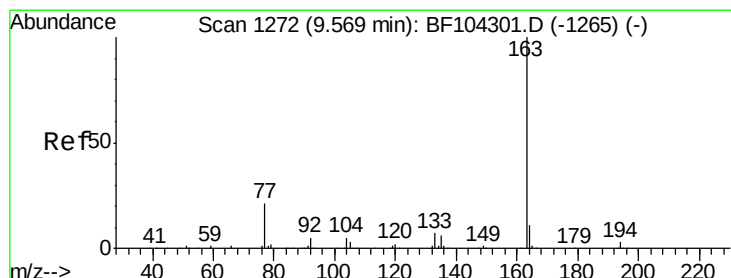
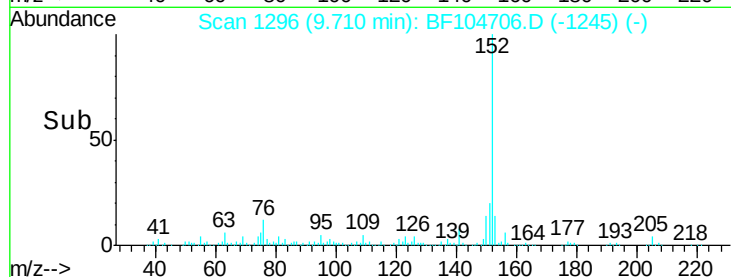
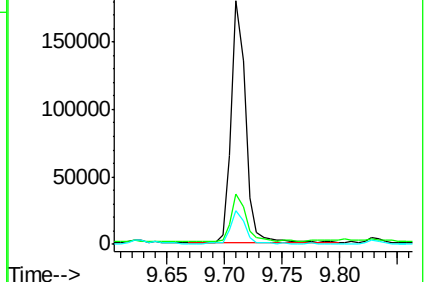
153 14.0 10.7 16.1



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: 4.364 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

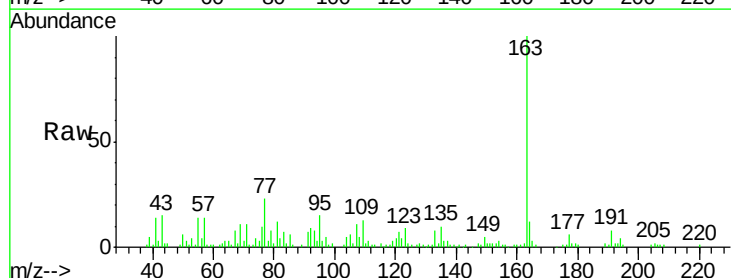
Tgt Ion:163 Resp: 58597

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

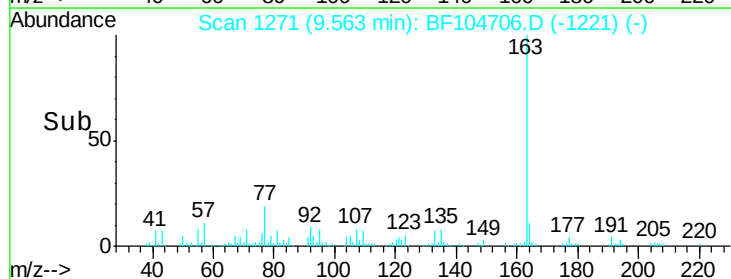
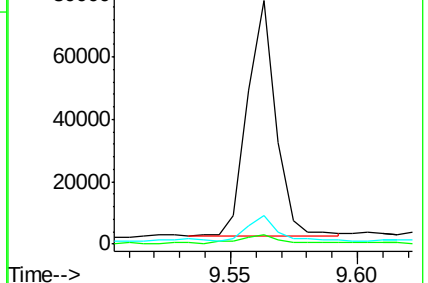
164 11.7 8.2 12.2

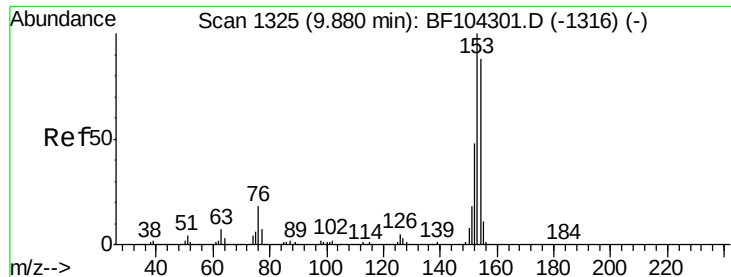


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 7.424 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampled :

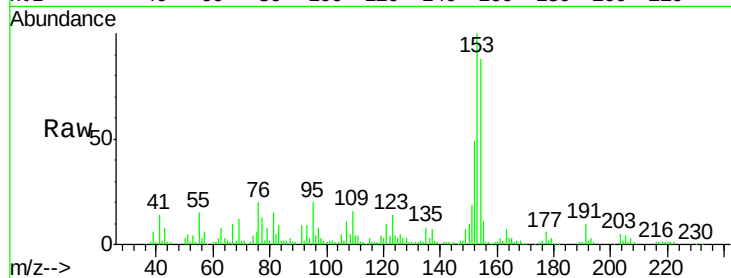
Tot Ion:154 Resp: 80294

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

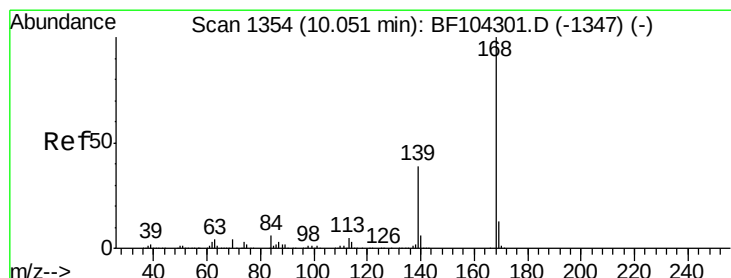
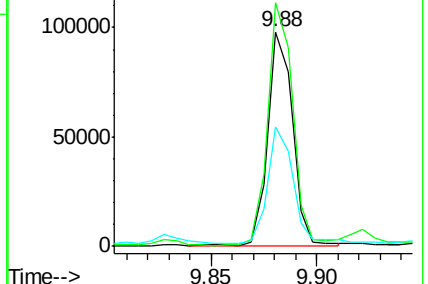
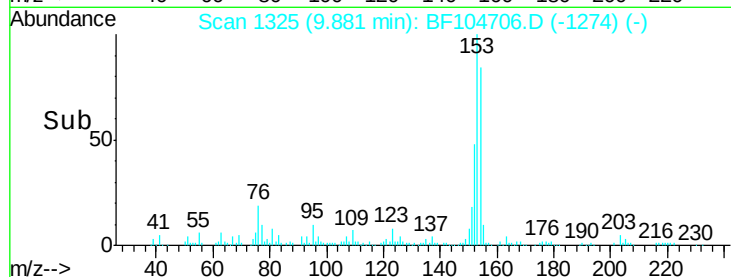
152 55.7 43.8 65.8



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

Dibenzofuran

Concen: 4.383 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

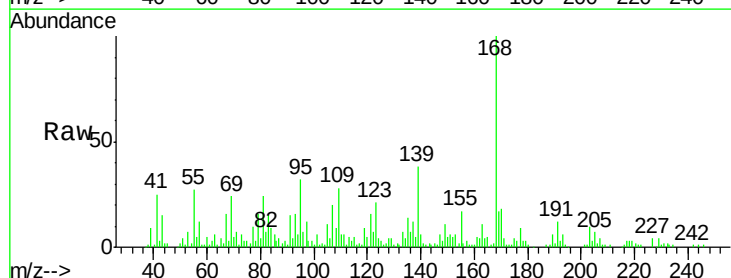
Tgt Ion:168 Resp: 66060

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

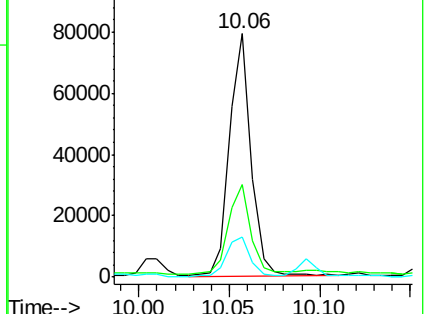
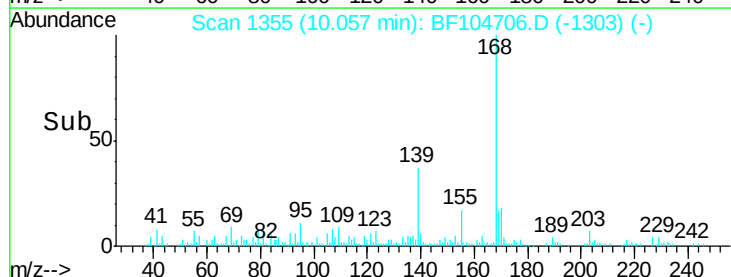
169 16.6 10.9 16.3#

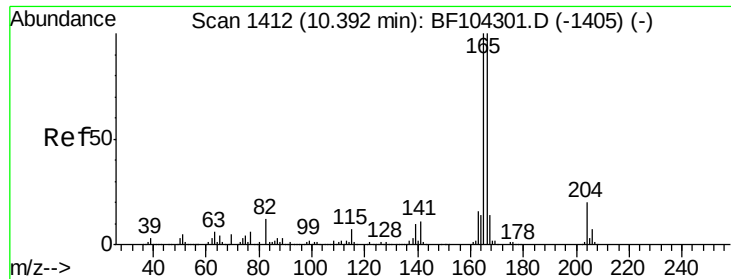


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

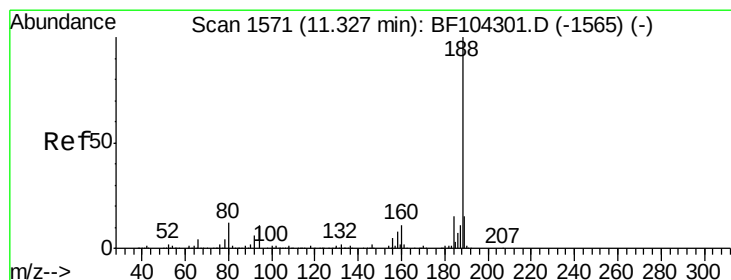
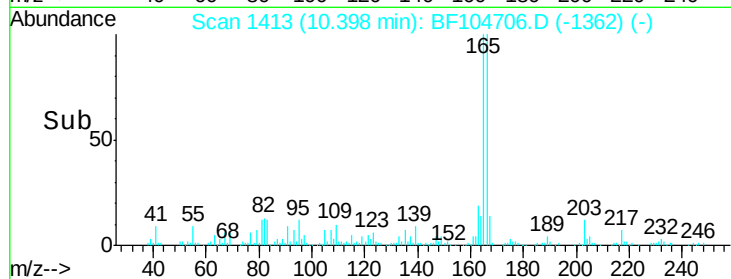
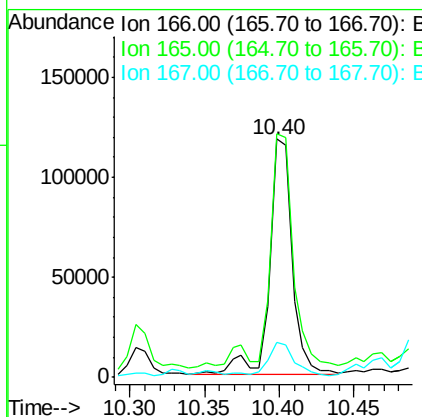
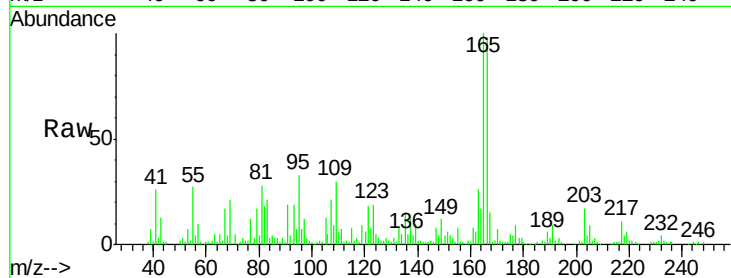




#57
 Fluorene
 Concen: 11.300 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

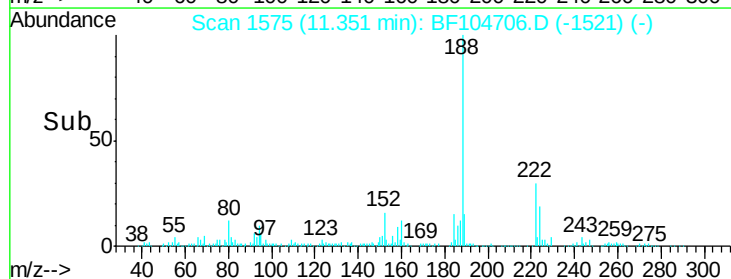
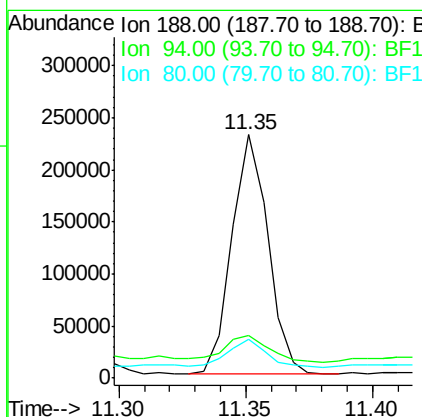
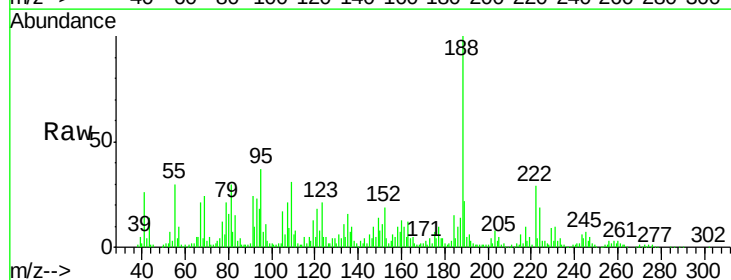
Instrument :
 BNA_F
 ClientSampleId :

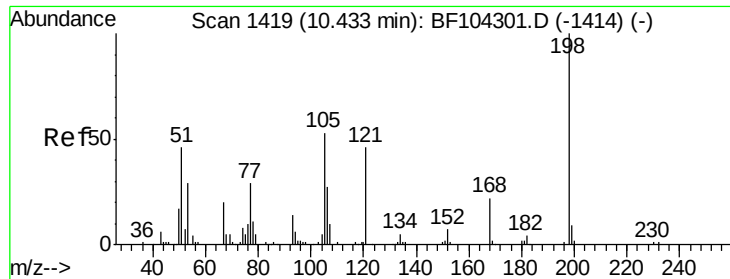
Tot Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.8	119.8
167	14.9	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.02 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	17.6	8.5	12.7#
80	16.0	9.2	13.8#

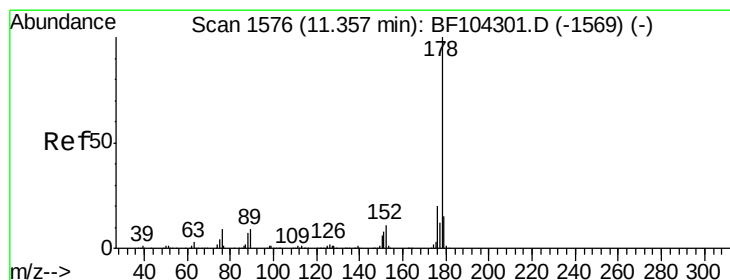
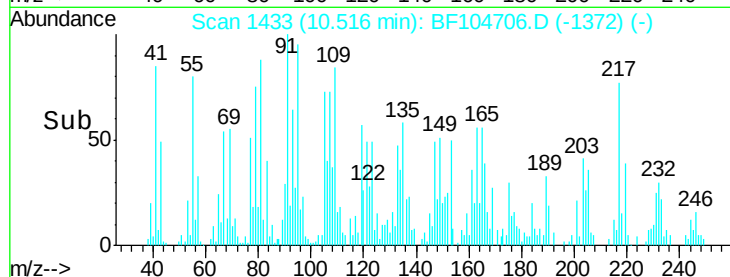
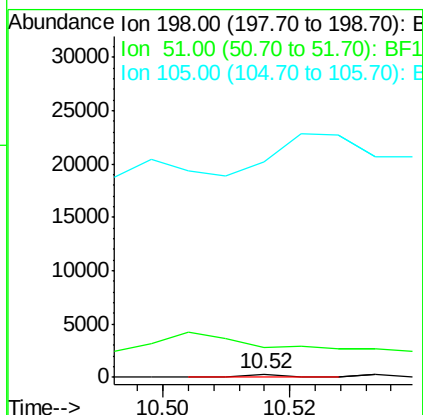
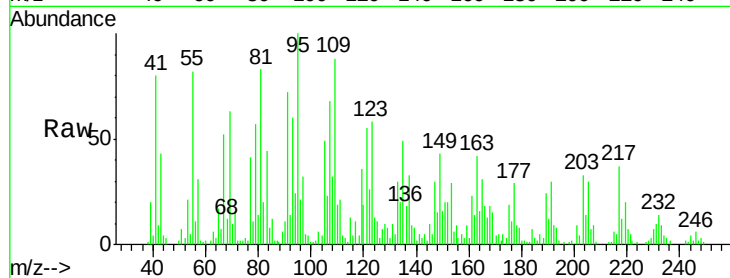




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.429 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.06 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

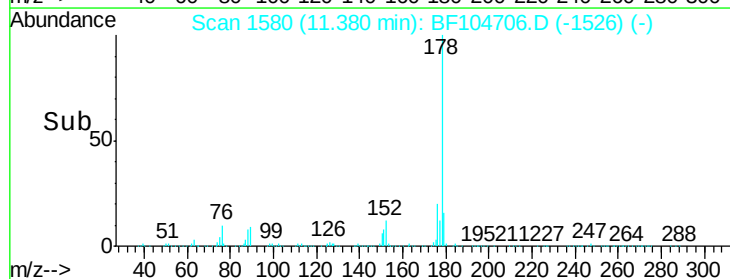
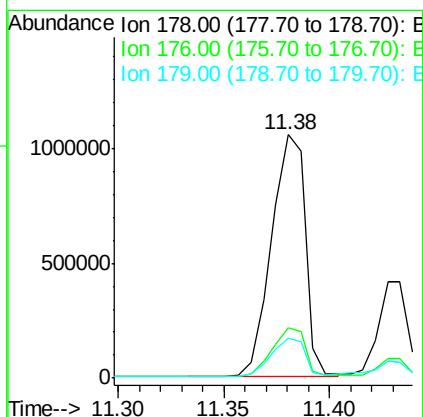
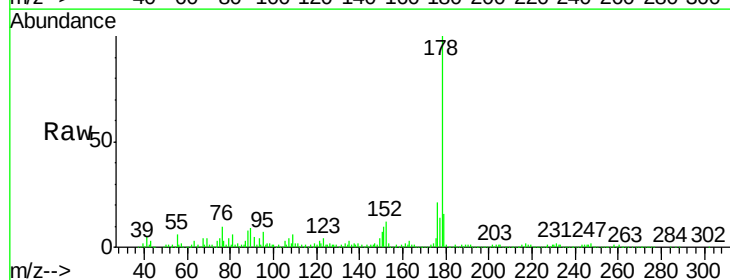
Instrument :
 BNA_F
 ClientSampleId :

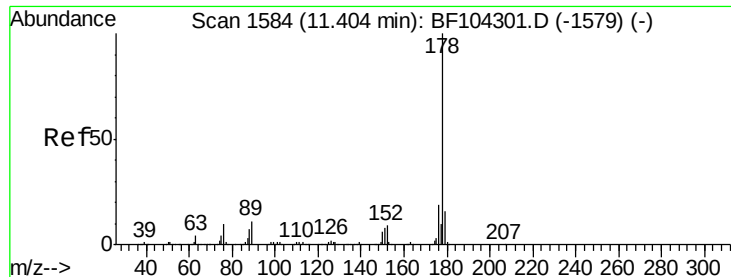
Tot Ion:198 Resp: 107
 Ion Ratio Lower Upper
 198 100
 51 913.5 37.7 77.7#
 105 6666.7 36.3 76.3#



#70
 Phenanthrene
 Concen: 92.242 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.02 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Tgt Ion:178 Resp: 1170490
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.8 23.8
 179 16.2 13.0 19.6

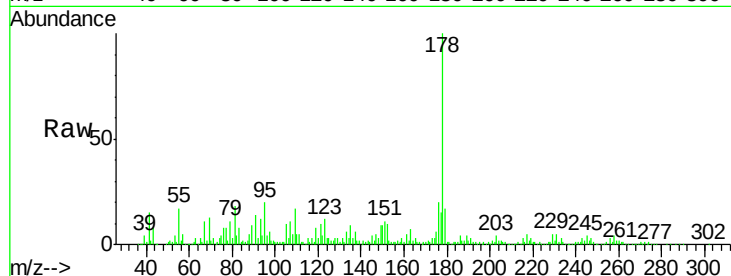




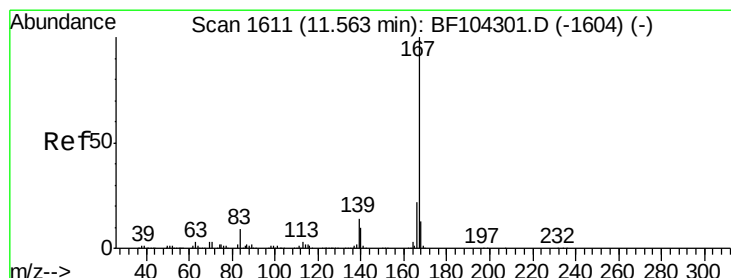
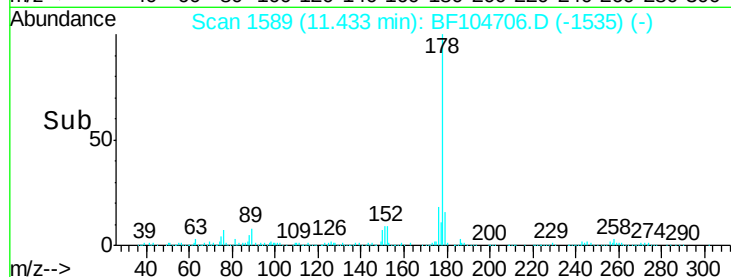
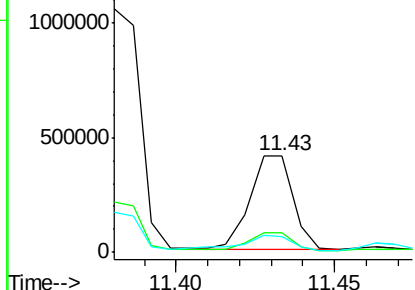
#71
 Anthracene
 Concen: 30.367 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.02 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.6	12.6	19.0

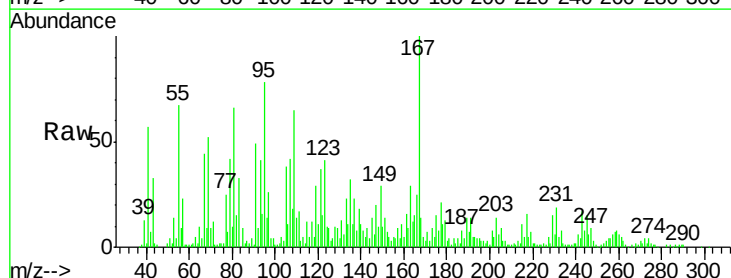


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

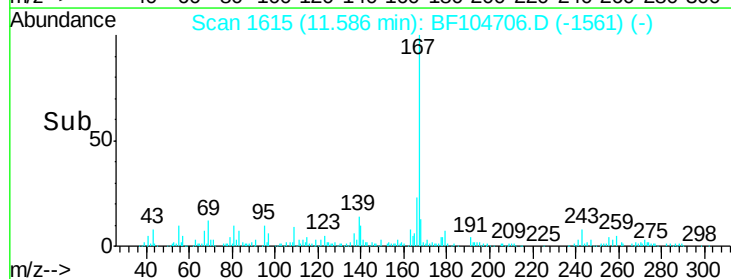
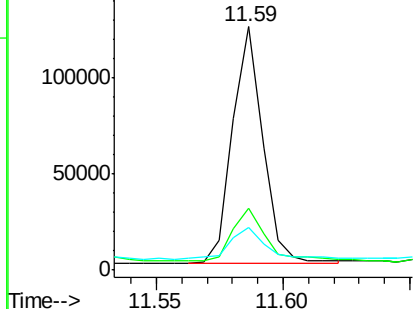


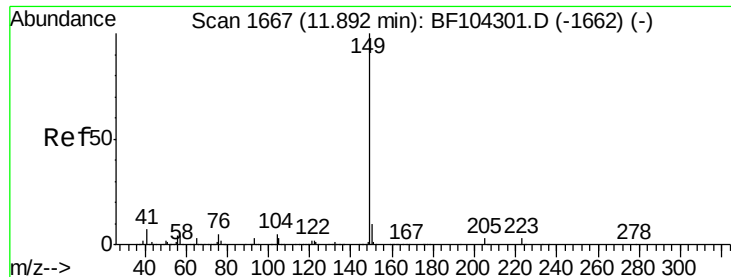
#72
 Carbazole
 Concen: 8.137 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.02 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.3	17.6	26.4
139	17.7	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





#73

Di-n-butylphthalate

Concen: 3.200 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.02 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampleId :

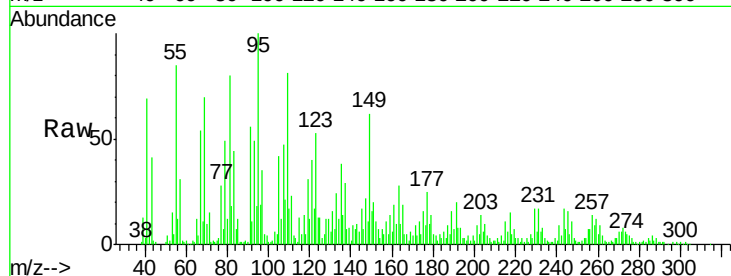
Tot Ion:149 Resp: 49278

Ion Ratio Lower Upper

149 100

150 25.2 7.8 11.6#

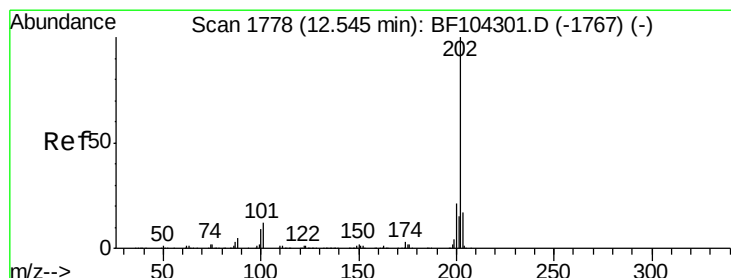
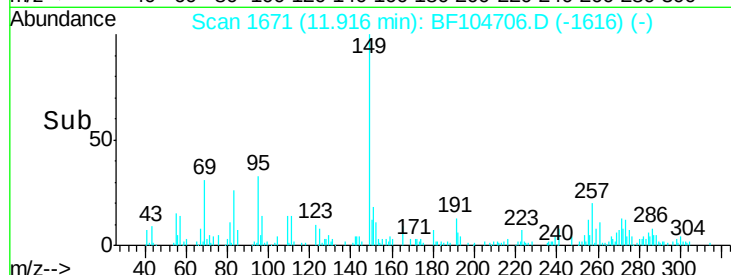
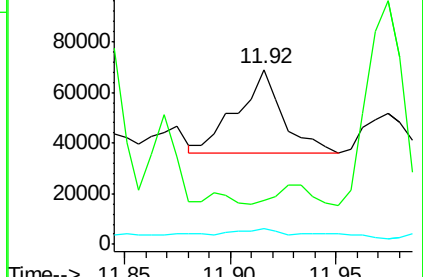
104 8.8 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 126.801 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.05 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

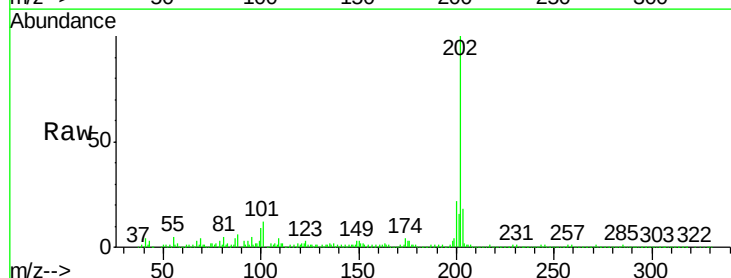
Tgt Ion:202 Resp: 1681111

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

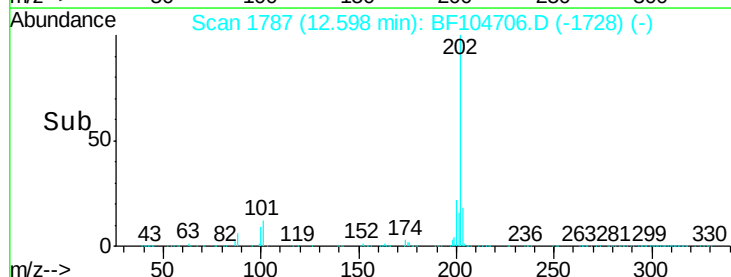
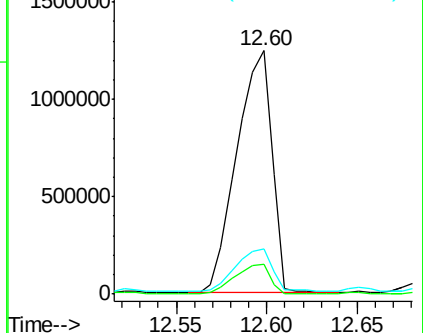
203 18.3 0.0 38.1

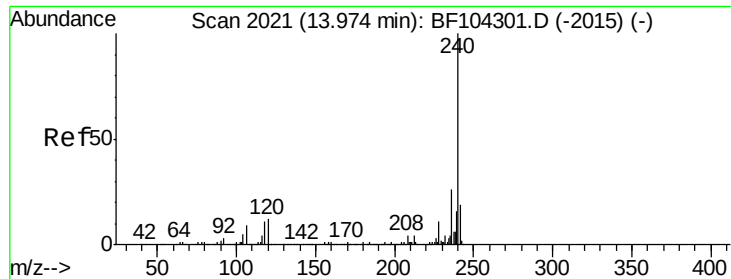


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 2028

Delta R.T. 0.03 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampleId :

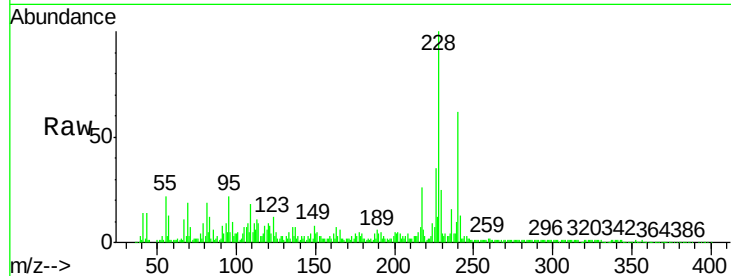
Tot Ion:240 Resp: 152265

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

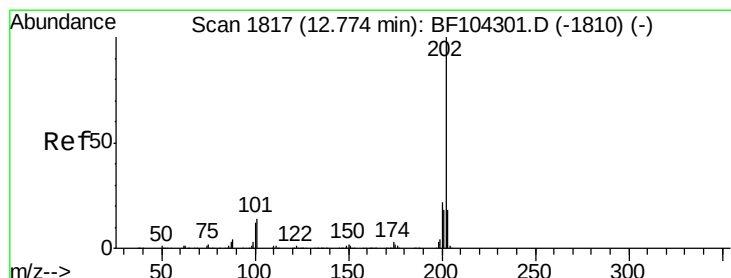
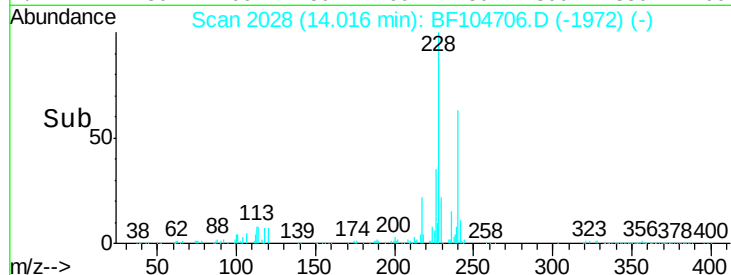
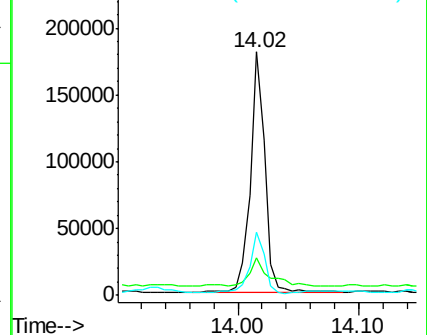
236 26.0 20.7 31.1



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: 134.147 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.05 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

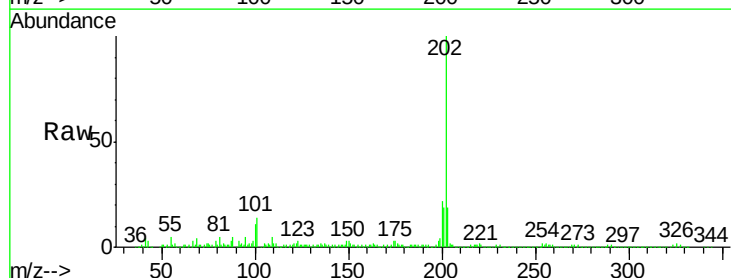
Tgt Ion:202 Resp: 1514036

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

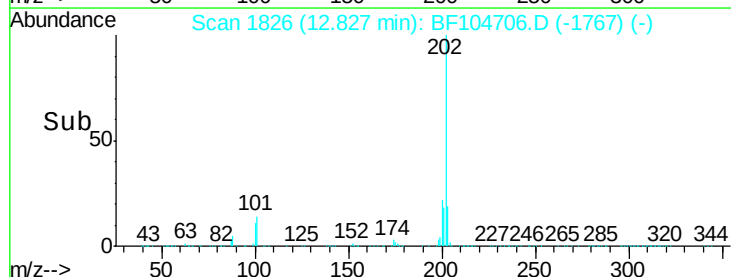
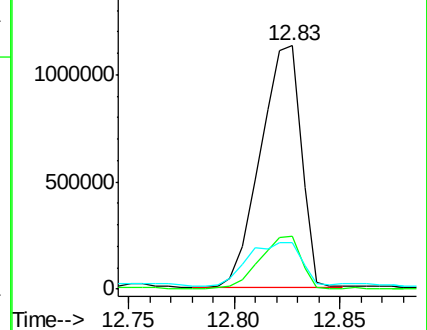
203 19.3 14.3 21.5

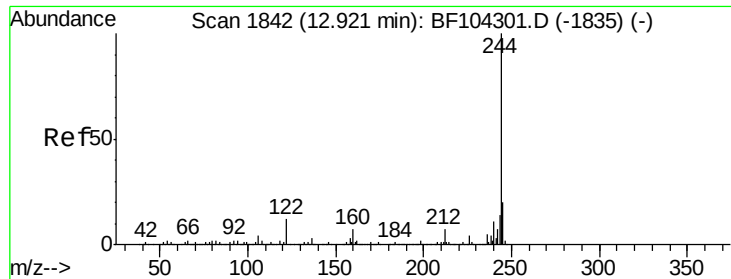


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.787 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.03 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampleId :

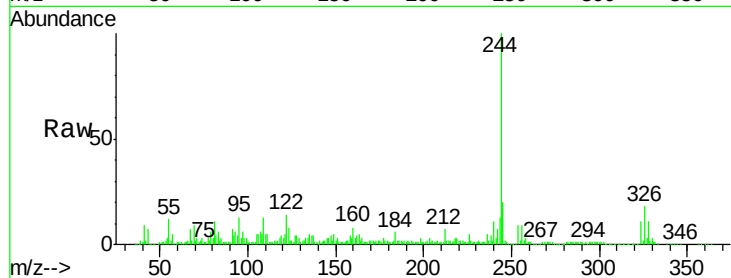
Tot Ion:244 Resp: 486131

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

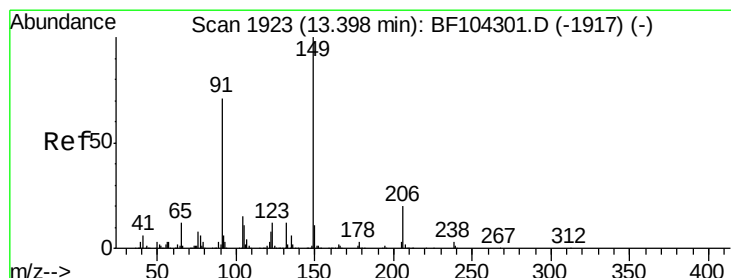
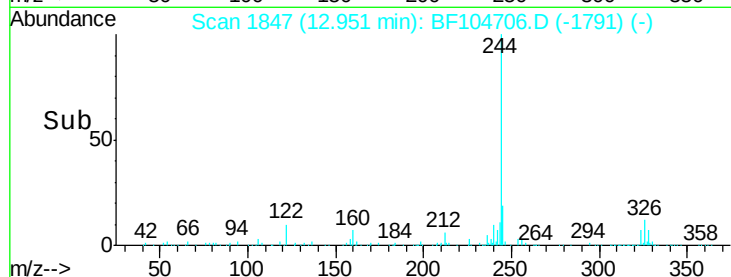
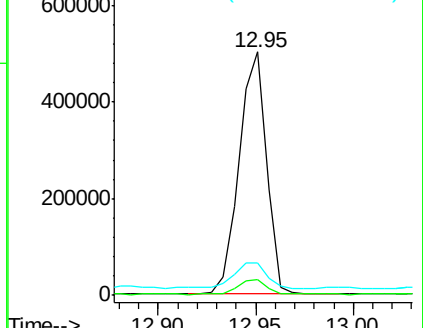
122 13.5 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 6.311 ng

RT: 13.42 min Scan# 1926

Delta R.T. 0.02 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

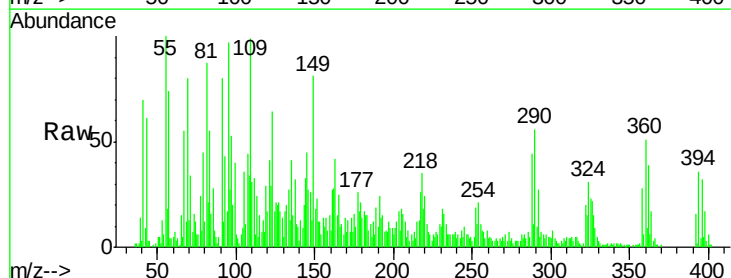
Tgt Ion:149 Resp: 33559

Ion Ratio Lower Upper

149 100

91 98.5 56.8 85.2#

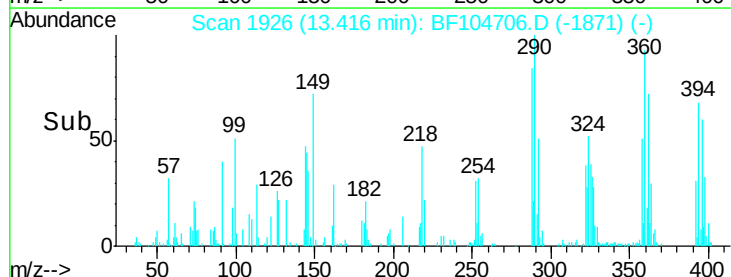
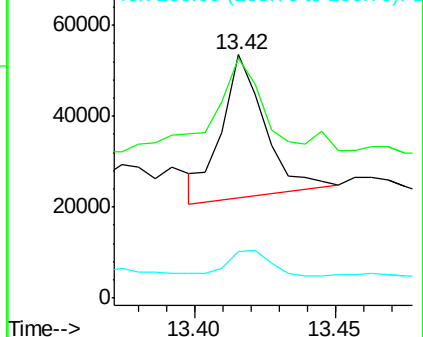
206 19.3 14.1 21.1

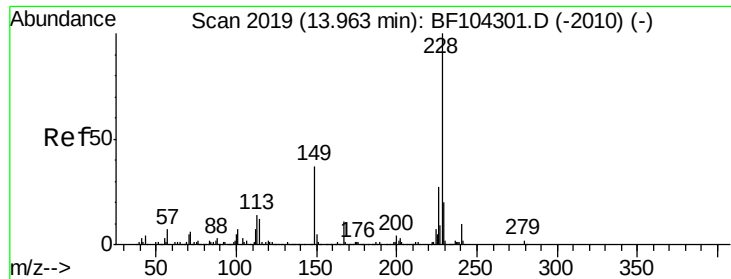


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

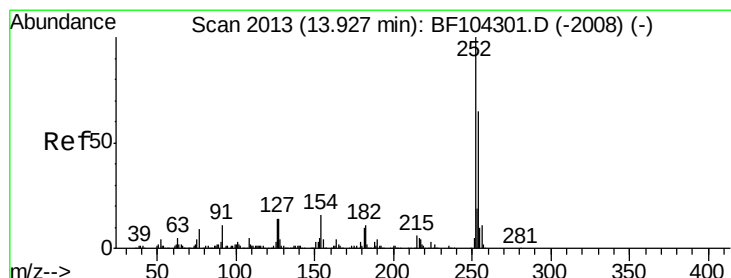
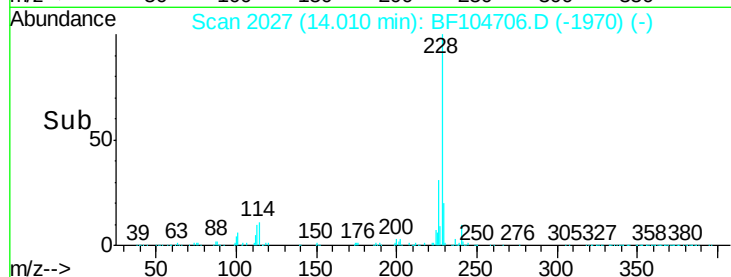
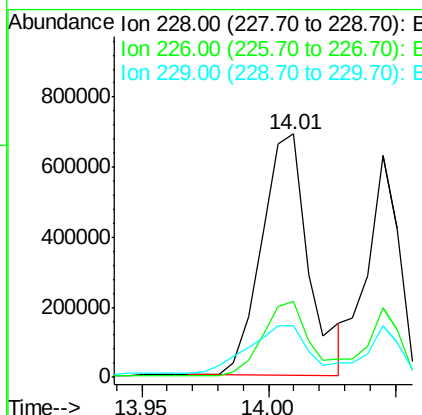
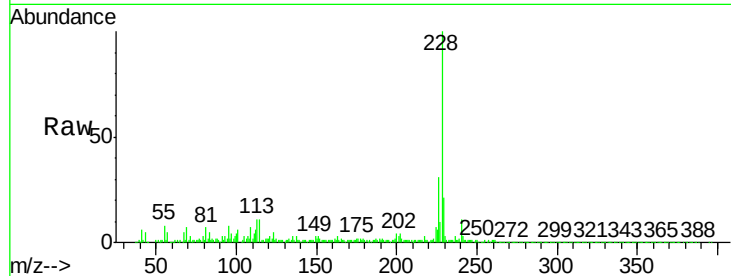




#80
Benzo(a)anthracene
Concen: 97.820 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.04 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

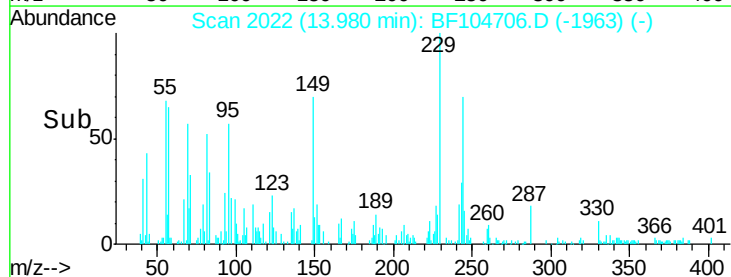
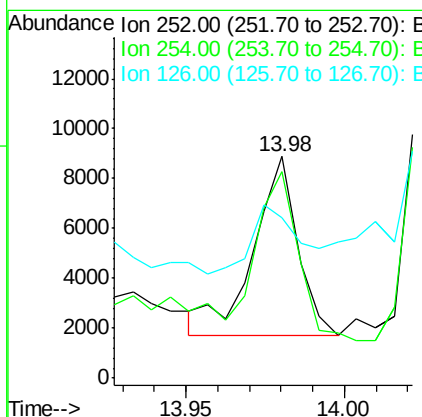
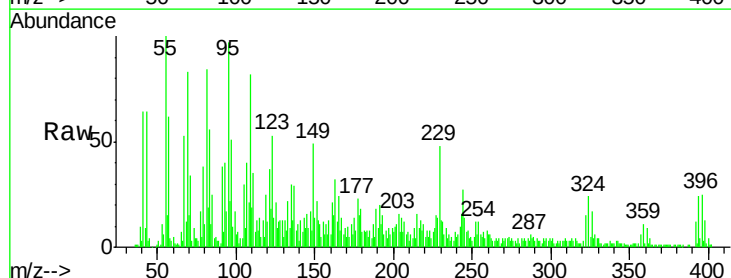
Instrument :
BNA_F
ClientSampled :

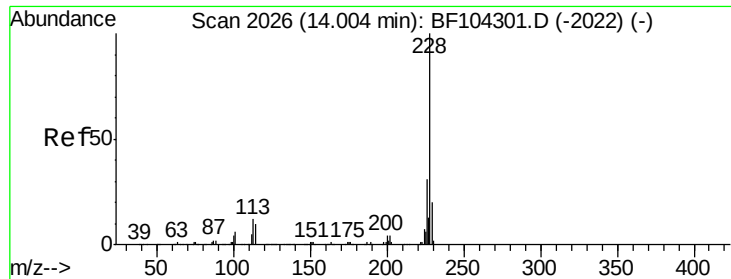
Tot Ion:228 Resp: 889815
Ion Ratio Lower Upper
228 100
226 31.1 22.6 33.8
229 21.4 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 2.044 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion:252 Resp: 6932
Ion Ratio Lower Upper
252 100
254 93.3 50.4 75.6#
126 72.3 11.3 16.9#

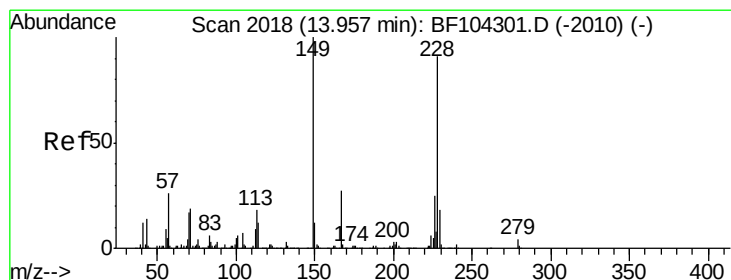
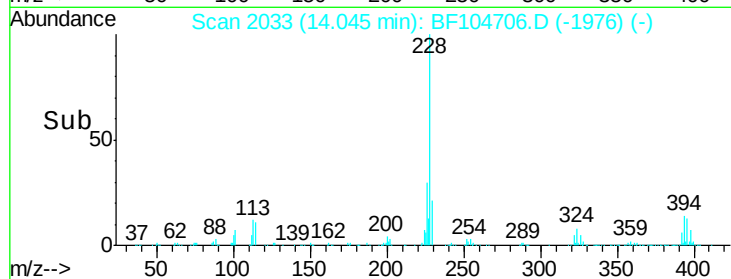
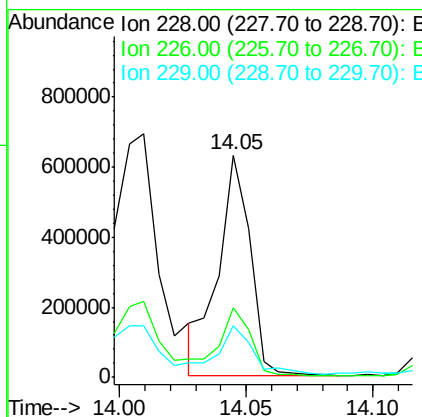
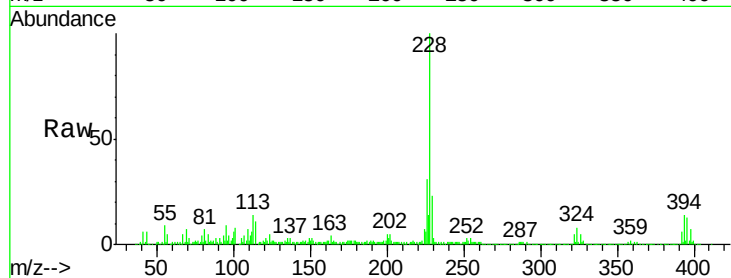




#82
Chrysene
Concen: 58.760 ng
RT: 14.05 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

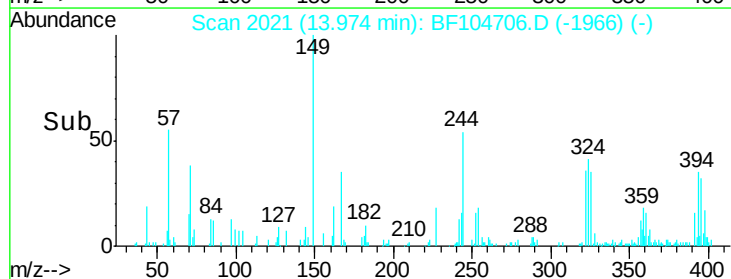
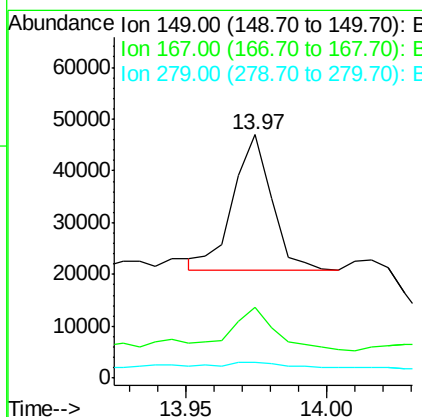
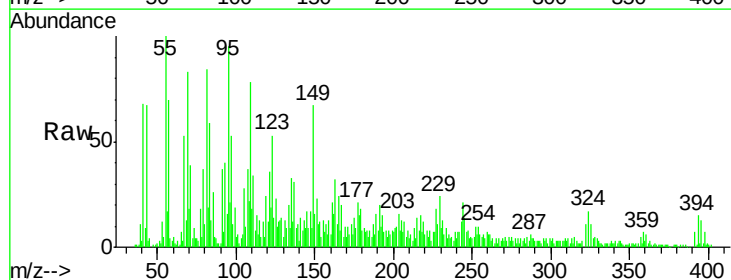
Instrument :
BNA_F
ClientSampled :

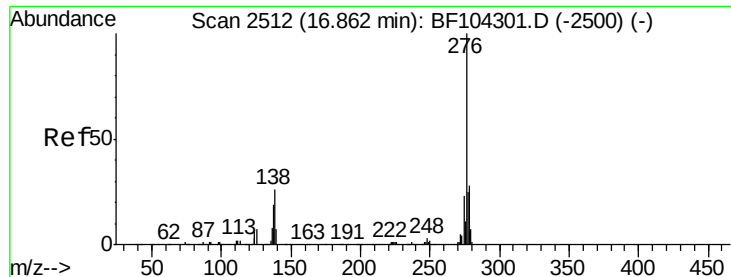
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	23.5	16.2	24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.626 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.02 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.3	21.3	31.9
279	6.6	3.0	4.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 9.211 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.09 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

Instrument :

BNA_F

ClientSampleId :

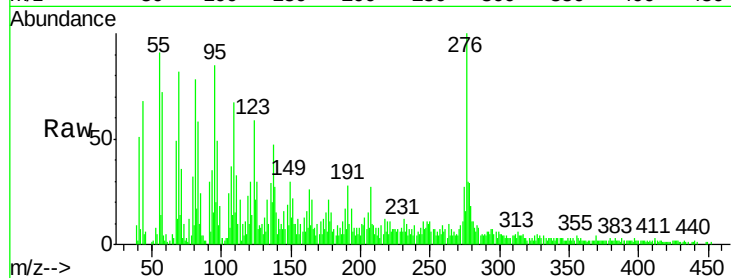
Tot Ion:276 Resp: 73106

Ion Ratio Lower Upper

276 100

138 27.7 25.0 37.6

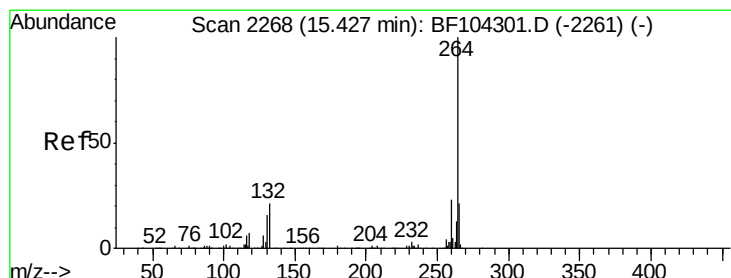
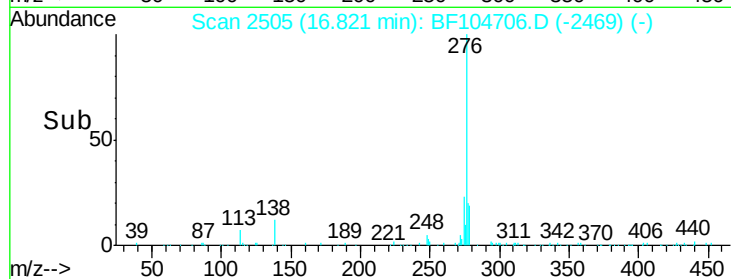
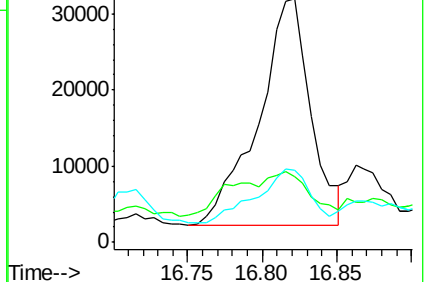
277 24.3 20.1 30.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.05 min

Lab File: BF104706.D

Acq: 23 Apr 2018 13:48

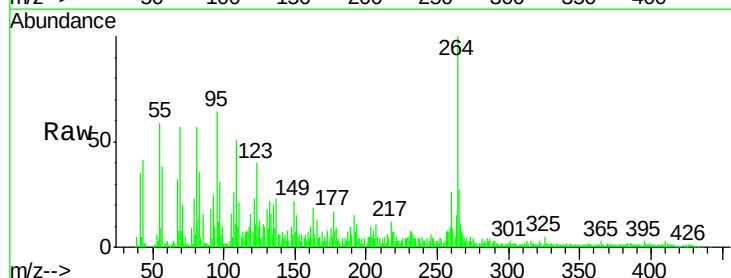
Tgt Ion:264 Resp: 127972

Ion Ratio Lower Upper

264 100

260 25.8 19.2 28.8

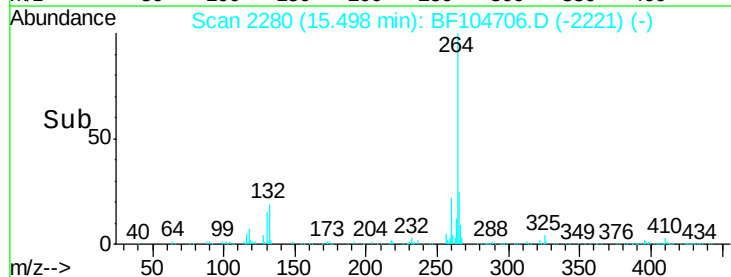
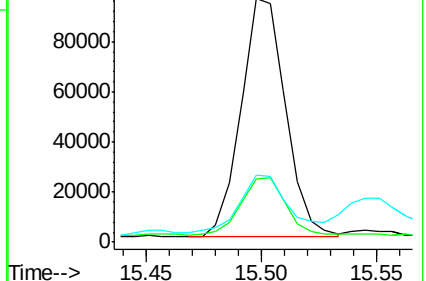
265 27.5 17.5 26.3#

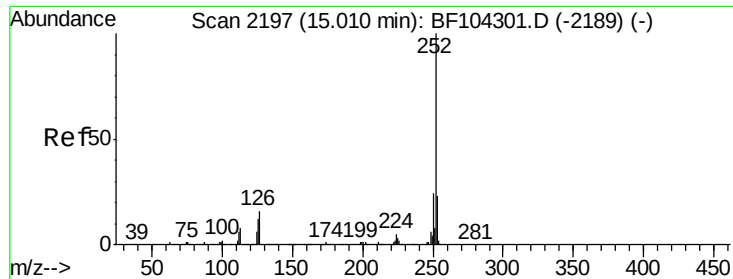


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

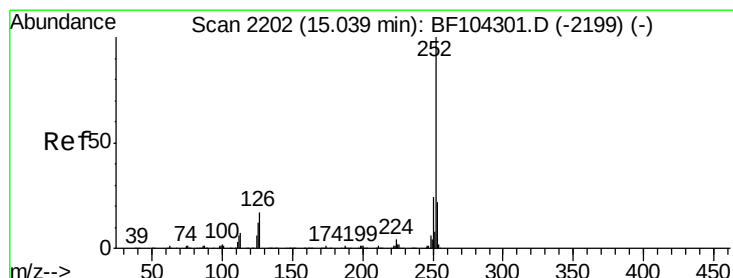
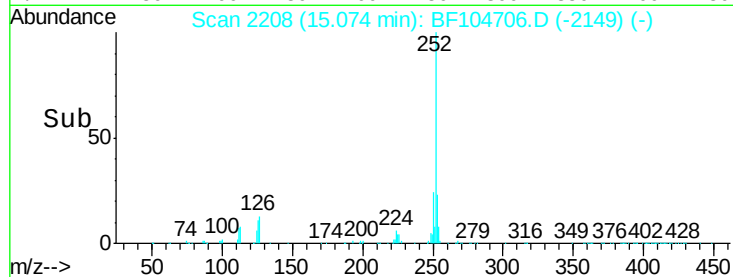
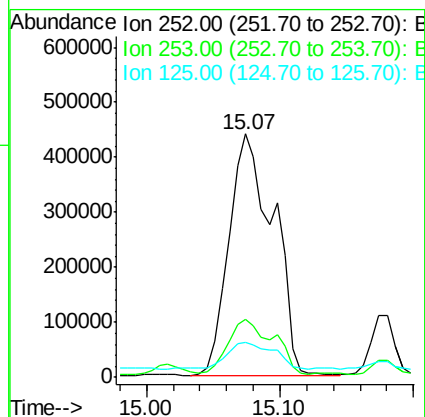
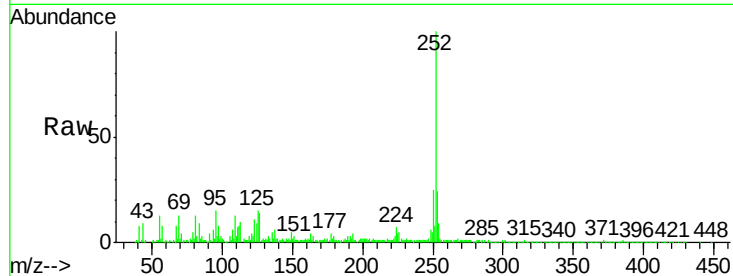




#87
Benzo(b)fluoranthene
Concen: 126.469 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.05 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

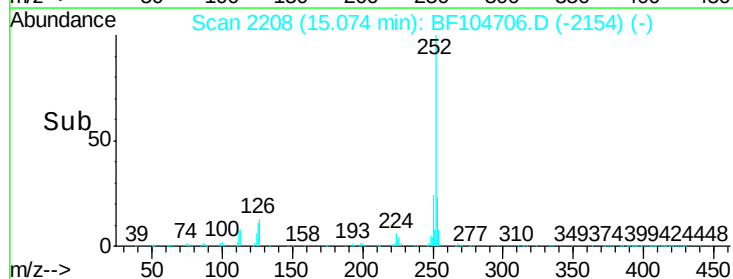
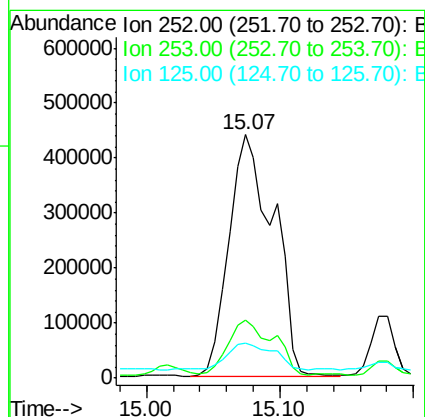
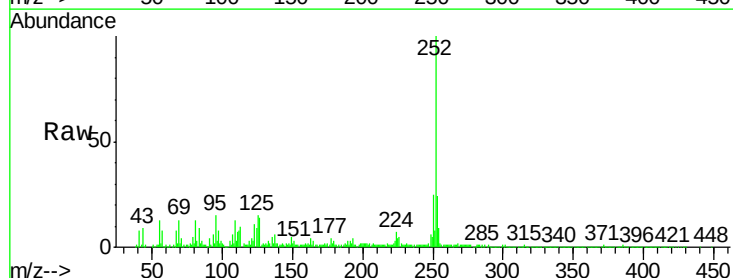
Instrument :
BNA_F
ClientSampleId :

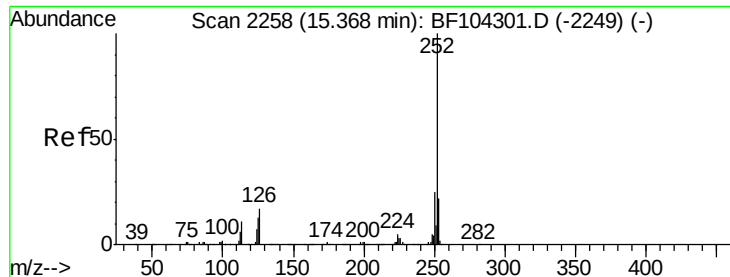
Tot Ion:252 Resp: 1022185
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.6
125 14.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 133.959 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion:252 Resp: 1022185
Ion Ratio Lower Upper
252 100
253 24.0 17.9 26.9
125 14.5 10.2 15.2

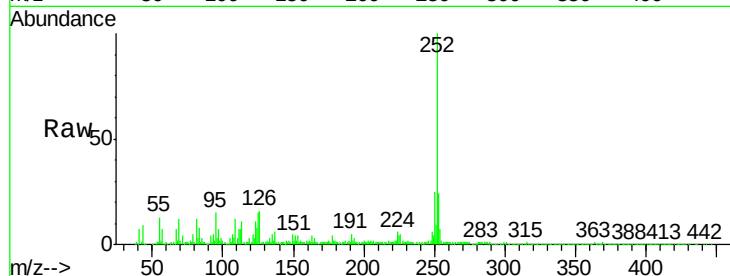




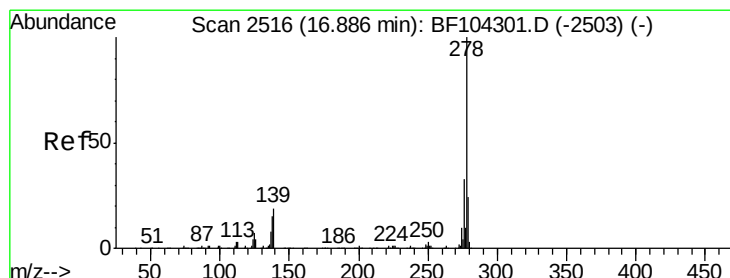
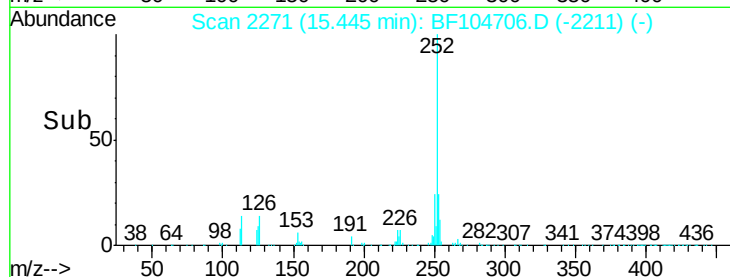
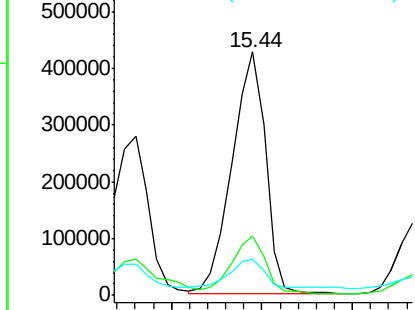
#89
Benzo(a)pyrene
Concen: 75.936 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.05 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 549156
Ion Ratio Lower Upper
252 100
253 24.3 17.1 25.7
125 14.7 9.8 14.6#

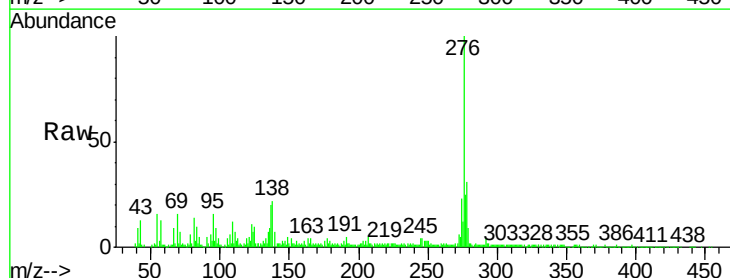


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

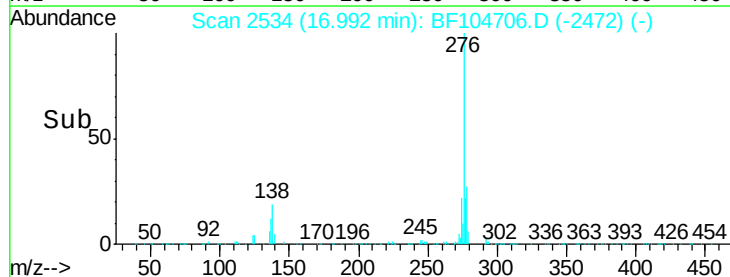
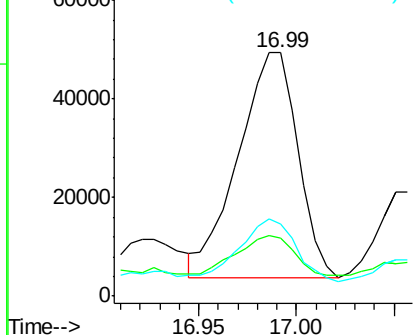


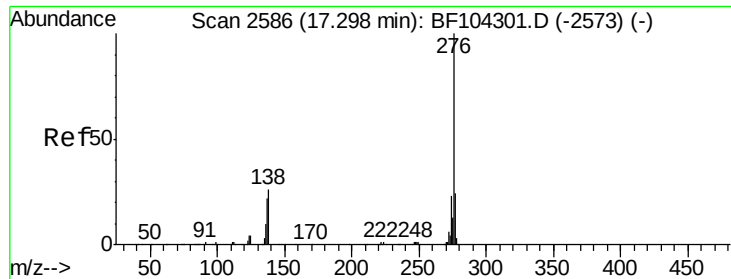
#90
Dibenzo(a,h)anthracene
Concen: 16.195 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.06 min
Lab File: BF104706.D
Acq: 23 Apr 2018 13:48

Tgt Ion:278 Resp: 96193
Ion Ratio Lower Upper
278 100
139 23.8 15.9 23.9
279 29.4 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

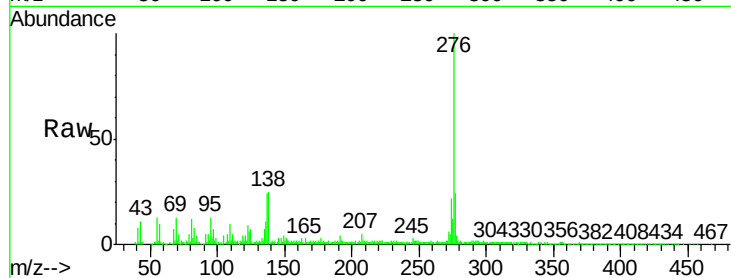




#91
 Benzo(a,h,i)perylene
 Concen: 64.902 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.09 min
 Lab File: BF104706.D
 Acq: 23 Apr 2018 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	25.2	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

