

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103765.D
 Acq On : 19 Mar 2018 19:36
 Operator : JU/SJ
 Sample : J1965-02 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 00:56:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	154588	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	618328	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	264189	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	432289	20.00	ng	0.00
75) Chrysene-d12	14.16	240	319644	20.00	ng	0.00
86) Perylene-d12	15.70	264	253193	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	515784	50.75	ng	0.00
7) Phenol-d6	6.59	99	622960	50.10	ng	0.00
23) Nitrobenzene-d5	7.53	82	356076	40.16	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	129459	56.99	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	628540	37.95	ng	0.00
78) Terphenyl-d14	13.09	244	523129	37.99	ng	0.00

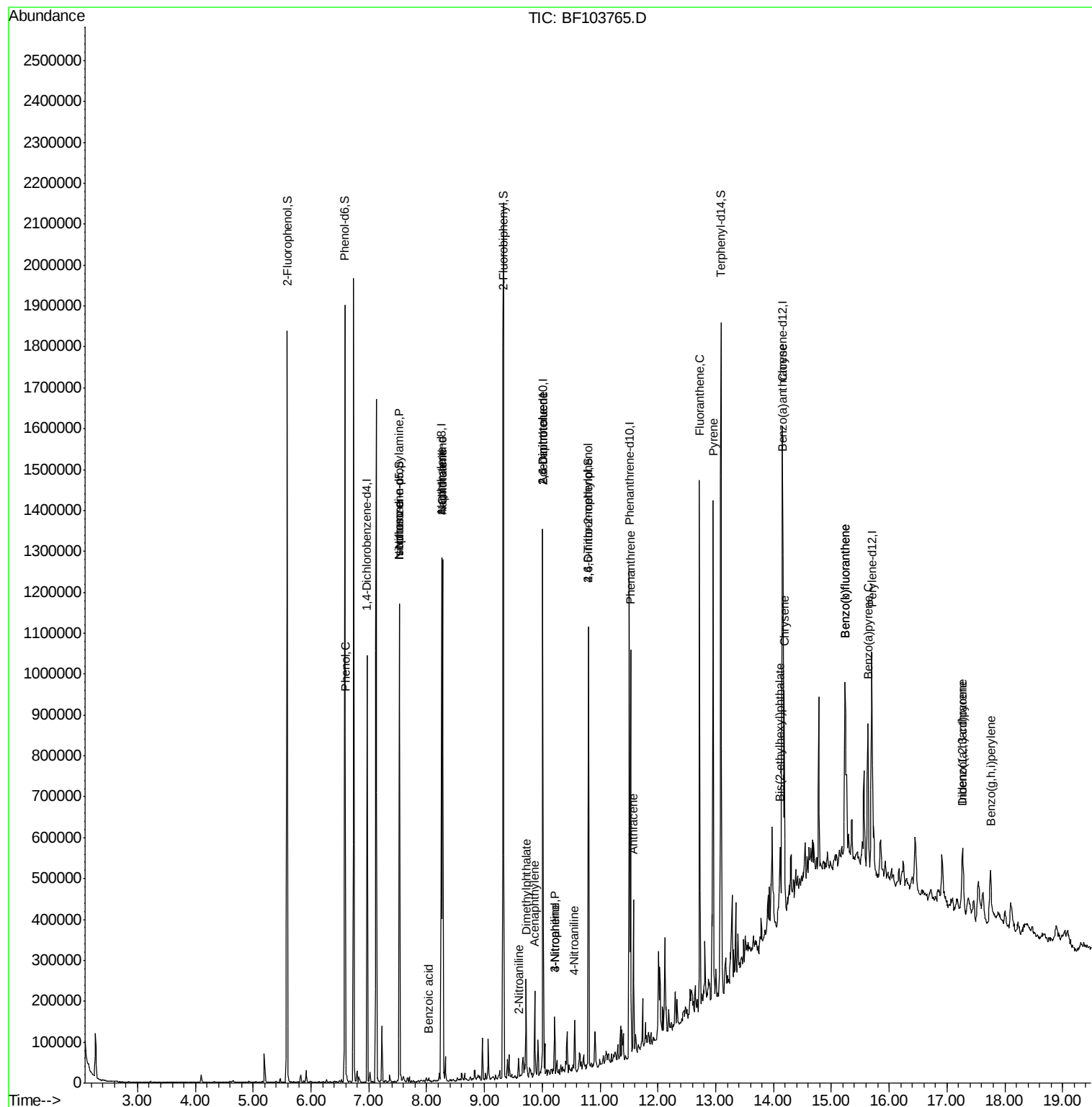
Target Compounds				Qvalue		
10) Phenol	6.60	94	27680	2.095	ng	94
19) n-Nitroso-di-n-propylamine	7.53	70	45972	5.769	ng	# 77
25) Isophorone	7.53	82	356071	17.347	ng	# 64
31) Naphthalene	8.27	128	499057	15.978	ng	99
32) Benzoic acid	8.02	122	752	10.001	ng	# 23
33) 4-Chloroaniline	8.27	127	64622	4.931	ng	# 34
47) 2-Nitroaniline	9.59	65	282	6.867	ng	# 2
48) Acenaphthylene	9.87	152	82233	3.031	ng	99
49) Dimethylphthalate	9.72	163	62570	3.104	ng	98
50) 2,6-Dinitrotoluene	10.01	165	36643	12.601	ng	# 25
52) 3-Nitroaniline	10.22	138	667	3.946	ng	# 38
55) 4-Nitrophenol	10.22	139	15897	9.010	ng	# 12
56) 2,4-Dinitrotoluene	10.01	165	36643	12.671	ng	# 23
61) 4-Nitroaniline	10.56	138	511	3.854	ng	87
64) 4,6-Dinitro-2-methylphenol	10.80	198	241	8.283	ng	# 1
70) Phenanthrene	11.53	178	337370	14.267	ng	99
71) Anthracene	11.58	178	129187	5.379	ng	98
74) Fluoranthene	12.73	202	528774	21.705	ng	97
77) Pyrene	12.96	202	450539	19.193	ng	99
80) Benzo(a)anthracene	14.14	228	245496	12.133	ng	95
82) Chrysene	14.19	228	221414	11.480	ng	97
83) Bis(2-ethylhexyl)phthalate	14.12	149	85929	5.783	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	110096	6.536	ng	# 92
87) Benzo(b)fluoranthene	15.24	252	336320	21.025	ng	# 94
88) Benzo(k)fluoranthene	15.24	252	336320	21.872	ng	97
89) Benzo(a)pyrene	15.63	252	171138	11.796	ng	# 95
90) Dibenzo(a,h)anthracene	17.28	278	27050	2.153	ng	# 72
91) Benzo(g,h,i)perylene	17.75	276	105450	8.628	ng	97

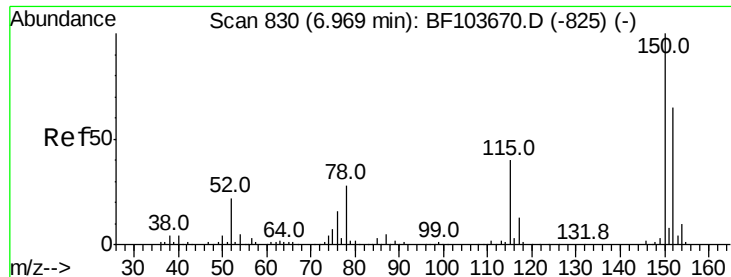
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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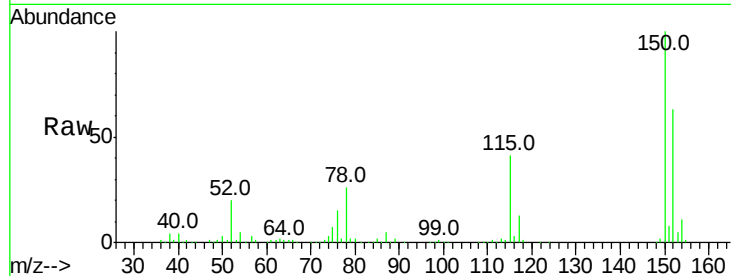


#1

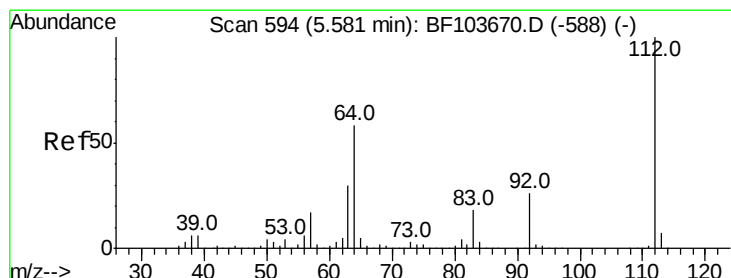
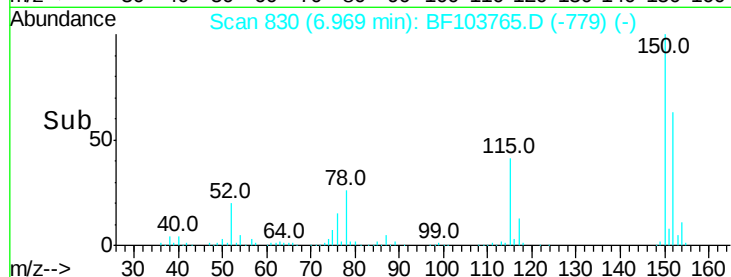
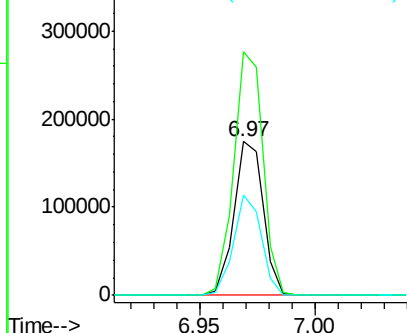
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154588
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 65.0 50.1 75.1



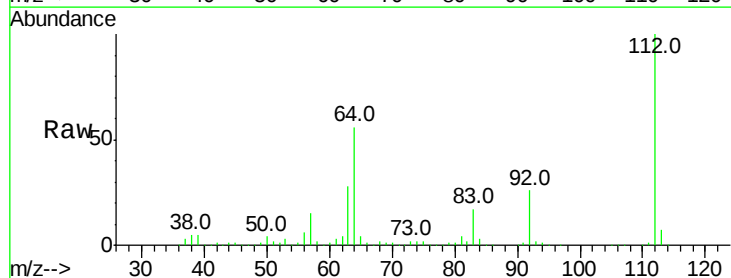
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



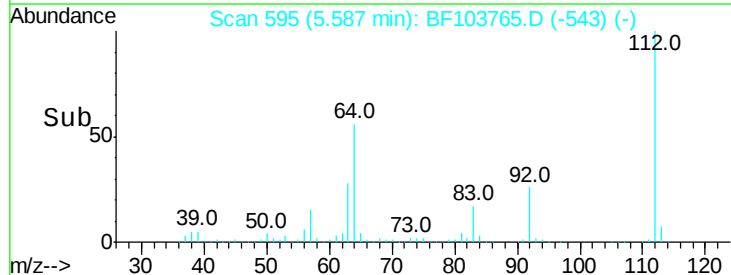
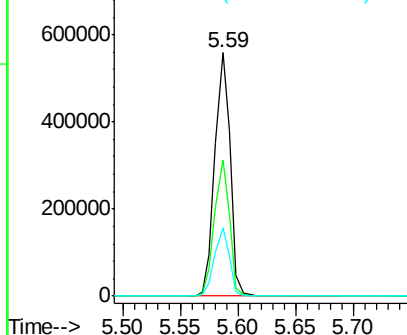
#5

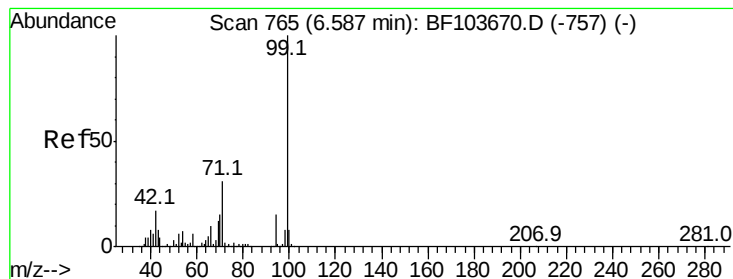
2-Fluorophenol
Concen: 50.748 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:112 Resp: 515784
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 27.9 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: 50.099 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

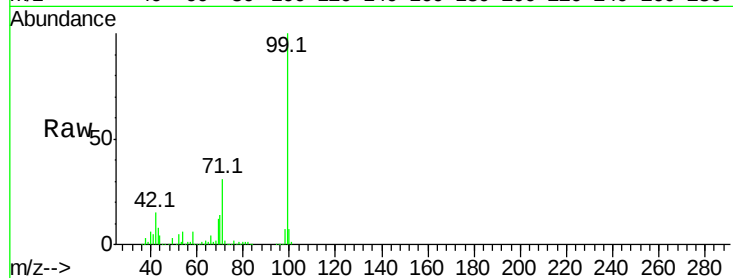
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 622960

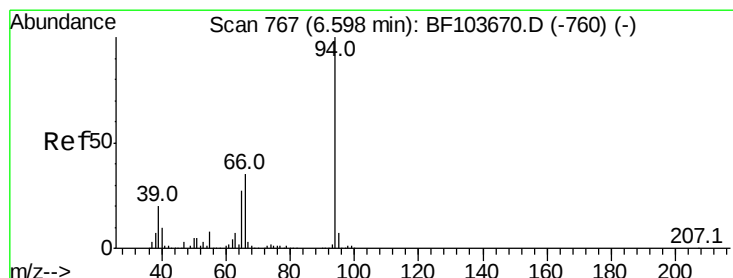
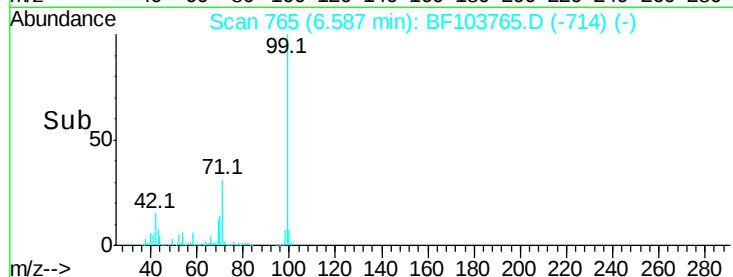
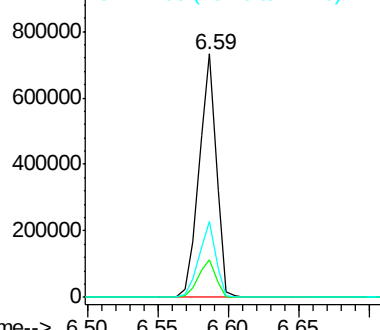
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	31.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.095 ng

RT: 6.60 min Scan# 767

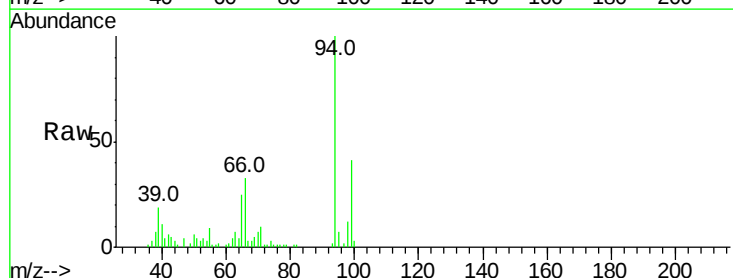
Delta R.T. 0.00 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Tgt Ion: 94 Resp: 27680

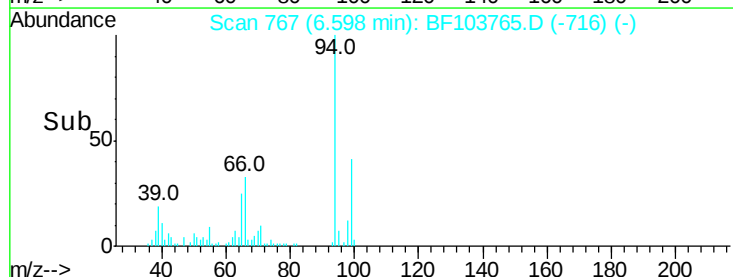
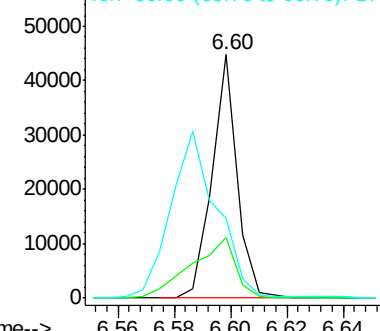
Ion	Ratio	Lower	Upper
94	100		
65	24.7	7.9	47.9
66	32.9	16.2	56.2

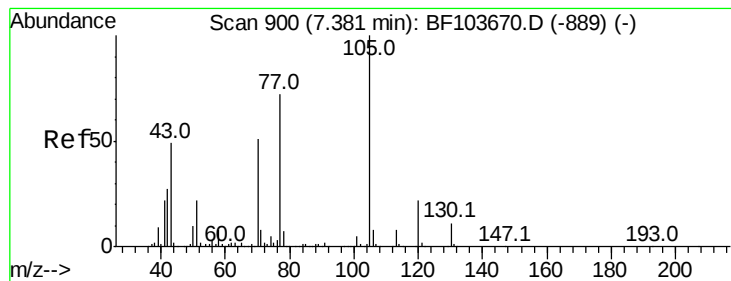


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 5.769 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 45972

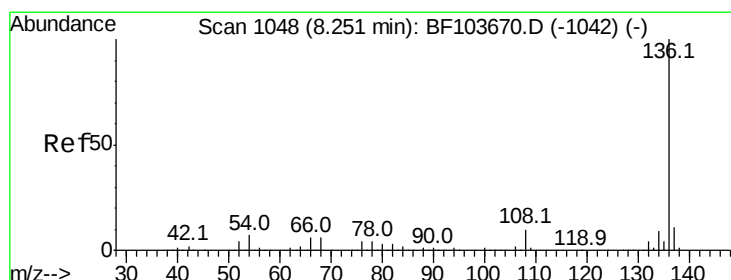
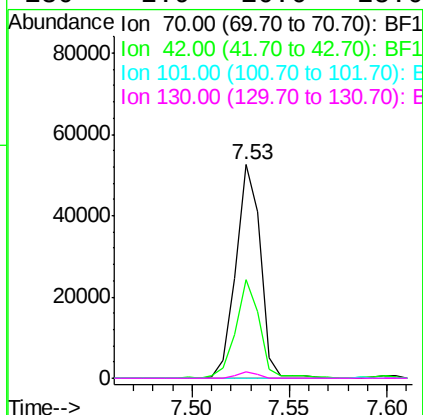
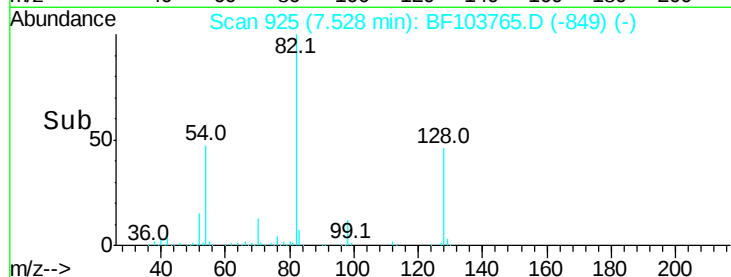
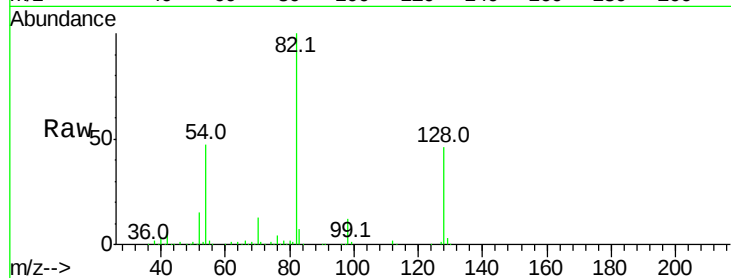
Ion Ratio Lower Upper

70 100

42 46.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.9 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Tgt Ion: 136 Resp: 618328

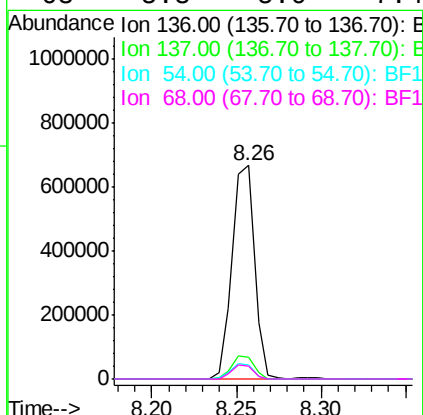
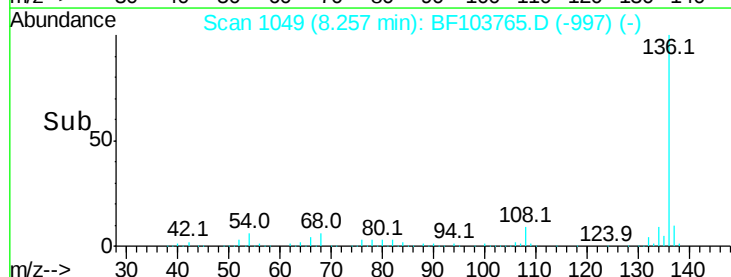
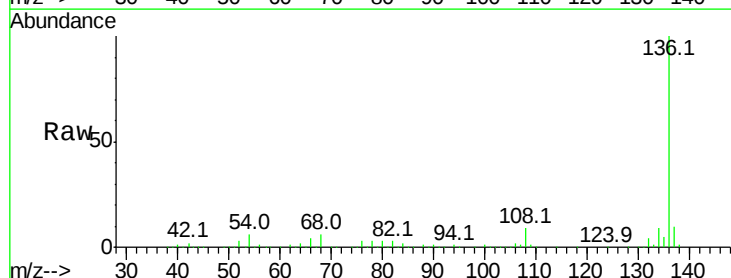
Ion Ratio Lower Upper

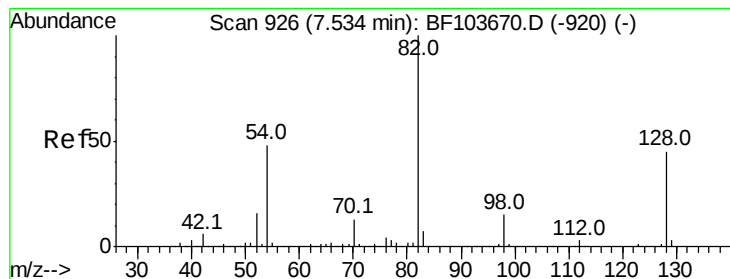
136 100

137 10.3 8.9 13.3

54 6.3 6.6 9.8#

68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 40.159 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampleId :

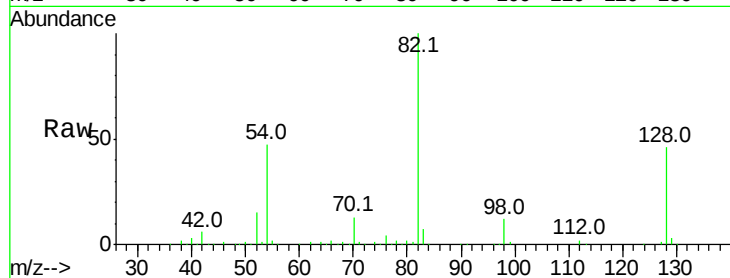
Tot Ion: 82 Resp: 356076

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

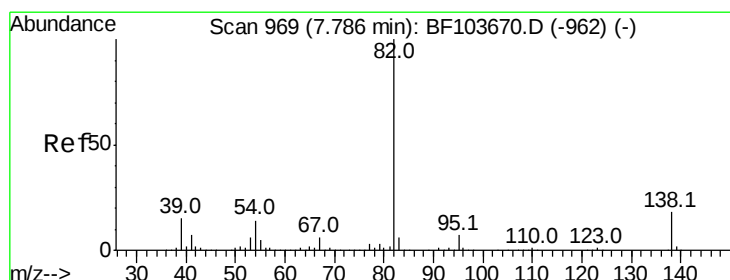
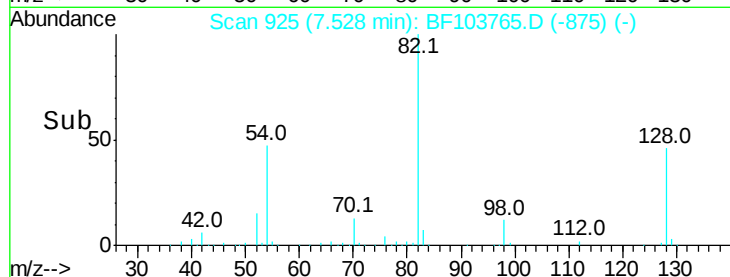
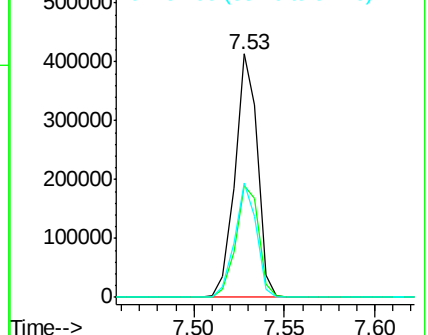
54 46.7 41.4 62.2



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: 17.347 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

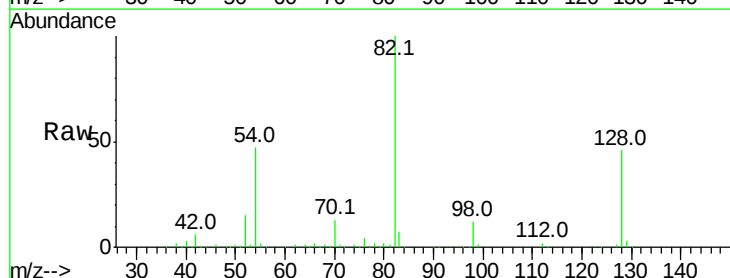
Tgt Ion: 82 Resp: 356071

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

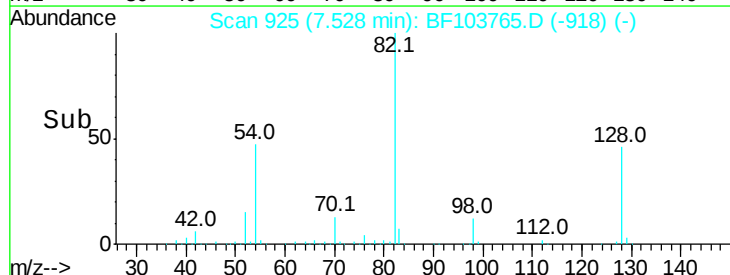
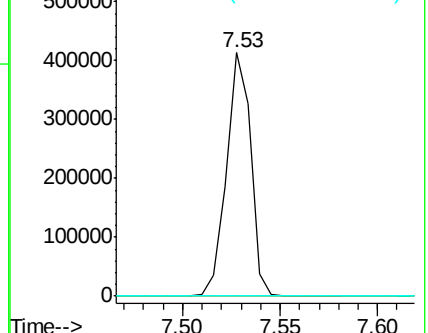
138 0.0 14.9 22.3#

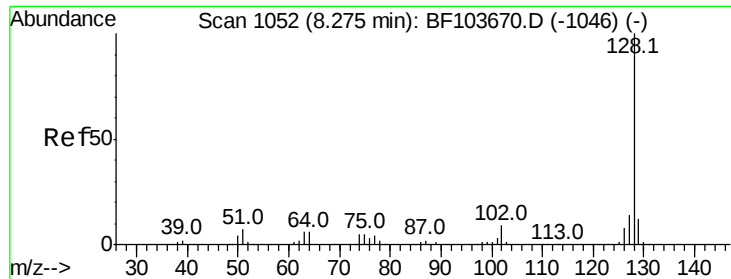


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

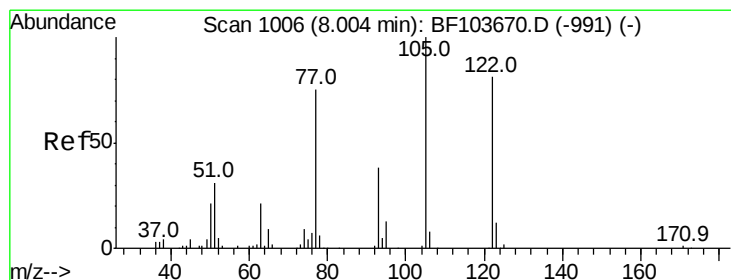
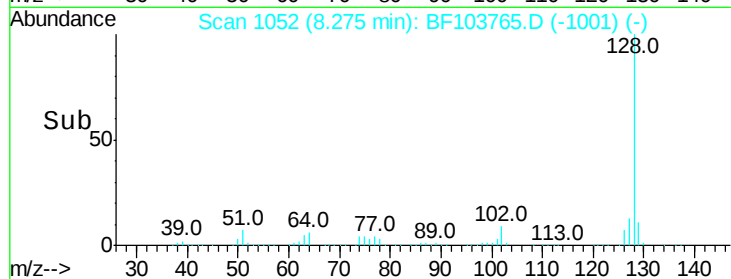
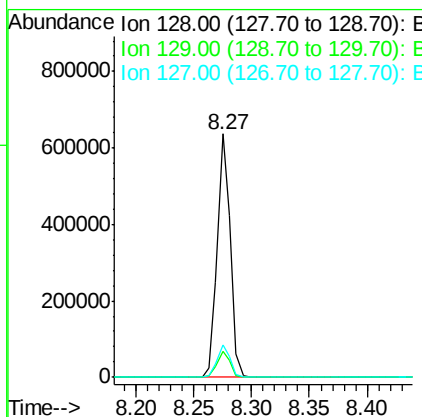
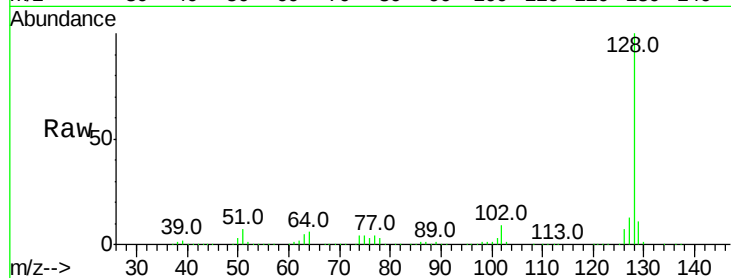




#31
Naphthalene
Concen: 15.978 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

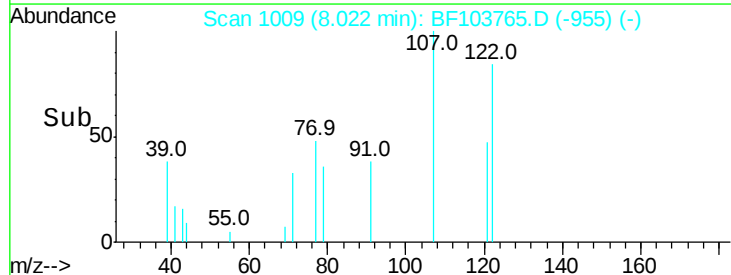
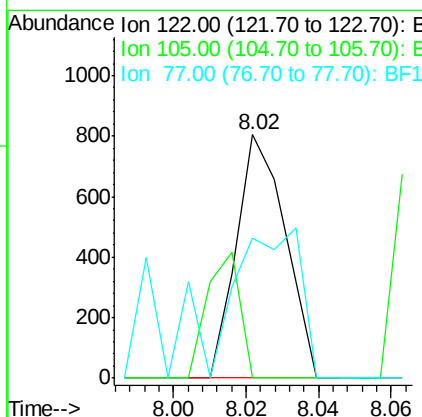
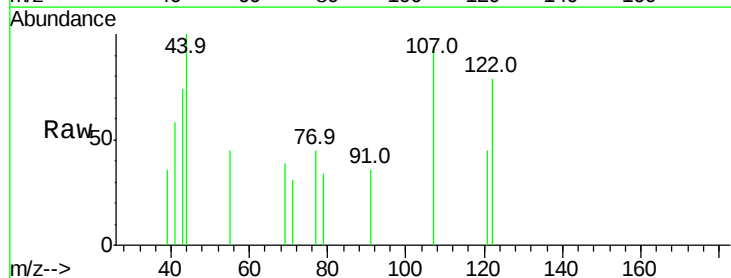
Instrument :
BNA_F
ClientSampleId :

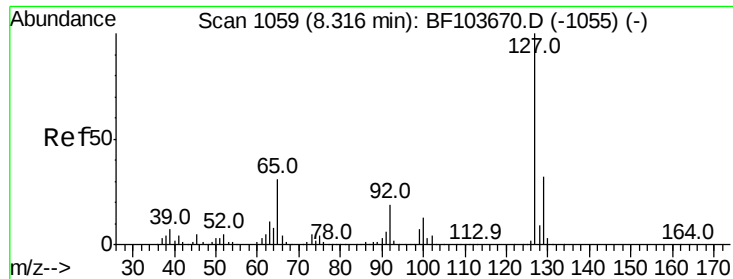
Tot Ion:128 Resp: 499057
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 10.001 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.02 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:122 Resp: 752
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 57.4 70.7 110.7#

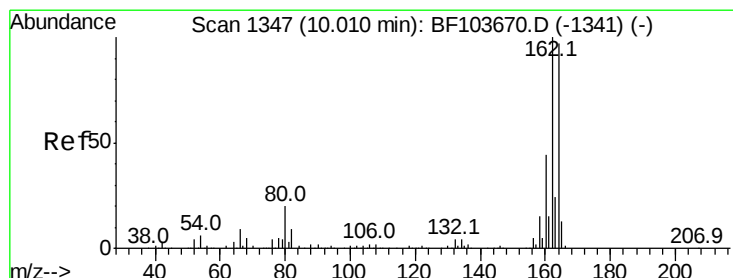
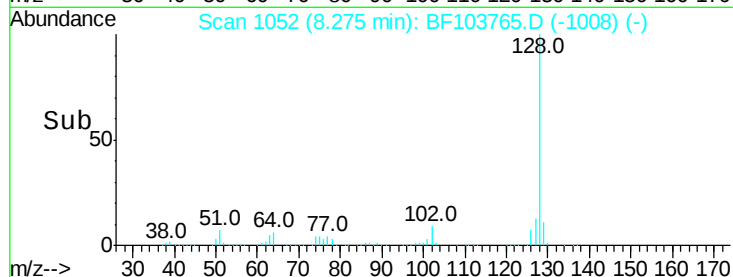
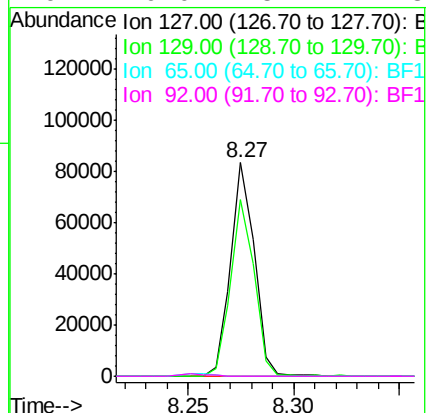
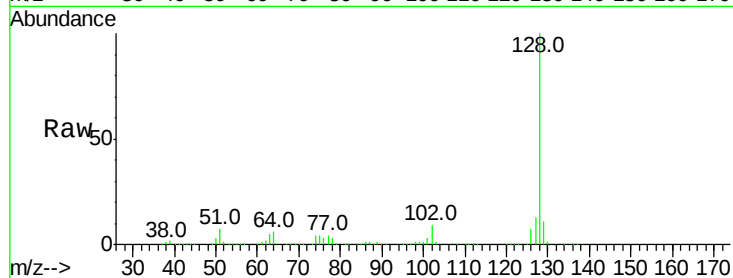




#33
4-Chloroaniline
Concen: 4.931 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.04 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

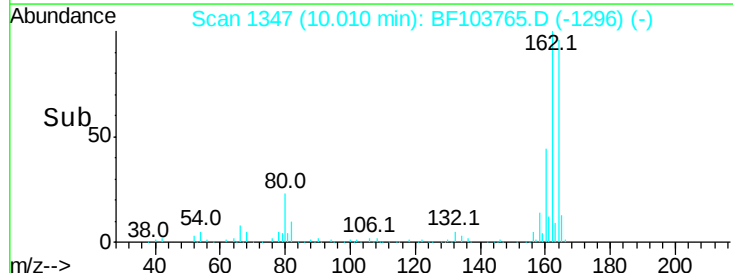
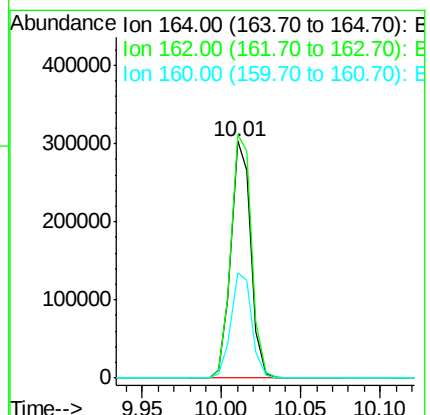
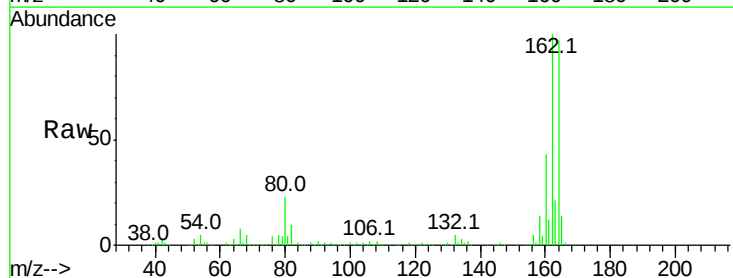
Instrument :
BNA_F
ClientSampleId :

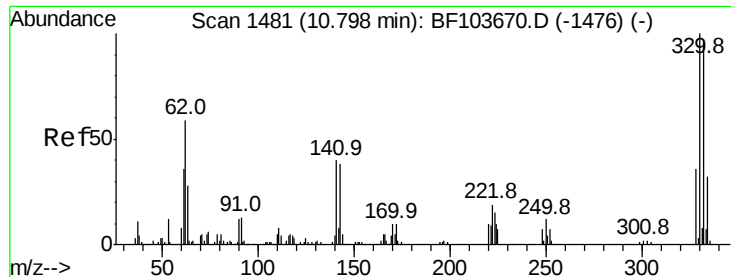
Tot Ion:	127	Resp:	64622
Ion	Ratio	Lower	Upper
127	100		
129	82.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:	164	Resp:	264189
Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	44.6	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 56.992 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103765.D

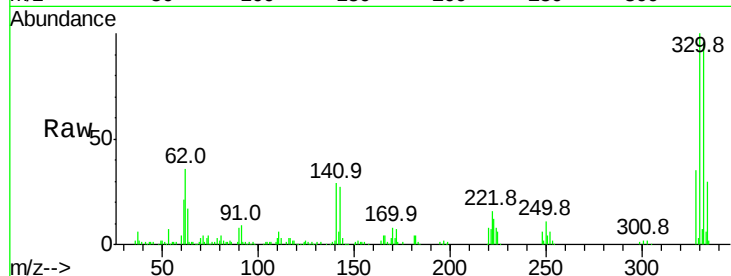
Acq: 19 Mar 2018 19:36

Instrument :

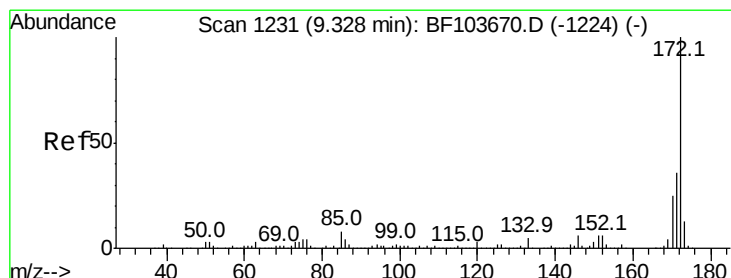
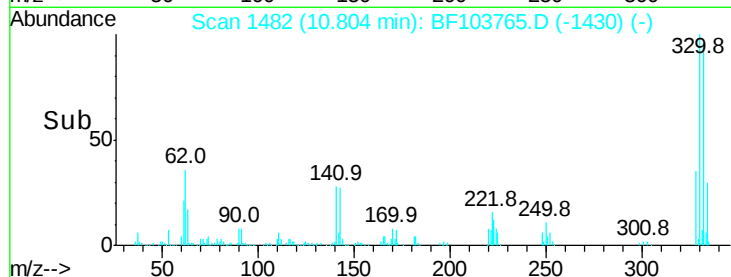
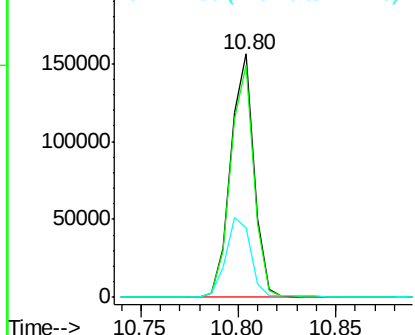
BNA_F

ClientSampleId :

Tot Ion:	330	Resp:	129459
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	36.9	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: 37.951 ng

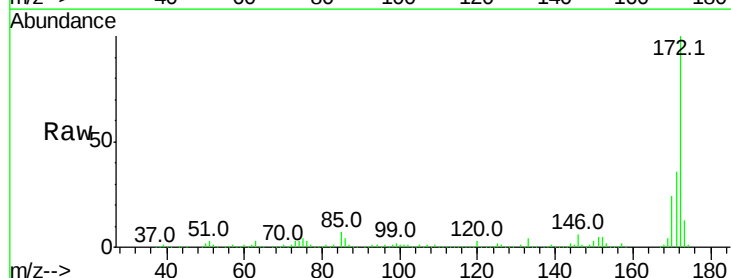
RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

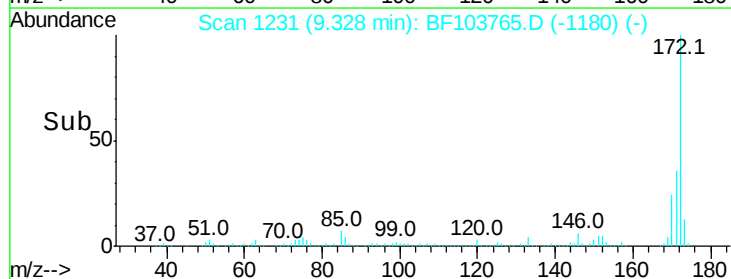
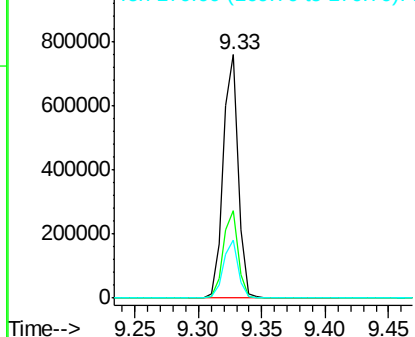
Lab File: BF103765.D

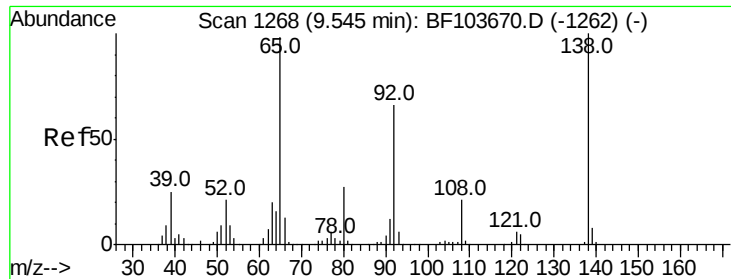
Acq: 19 Mar 2018 19:36

Tgt Ion:	172	Resp:	628540
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.8	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





#47

2-Nitroaniline

Concen: 6.867 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.04 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampled :

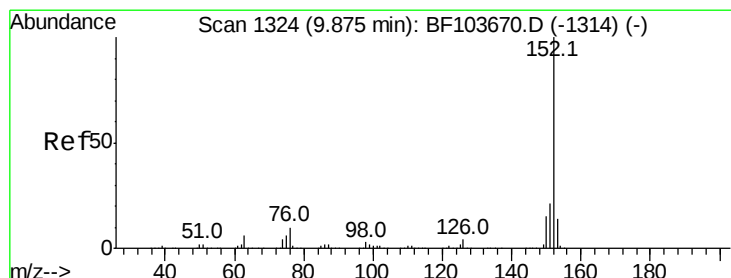
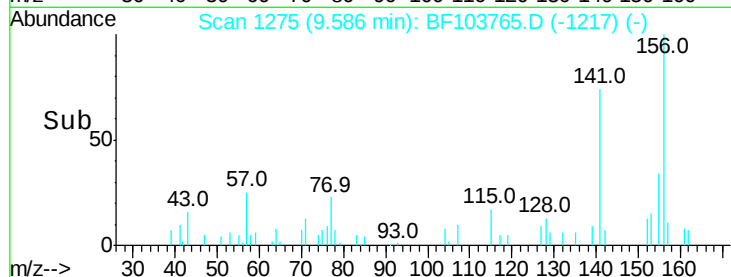
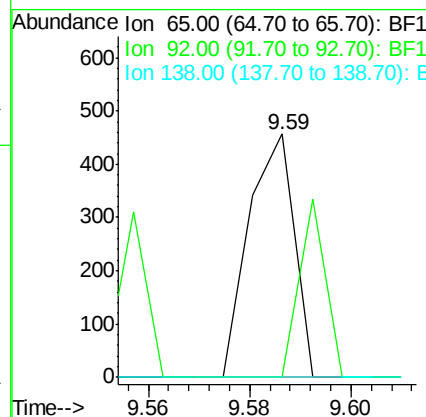
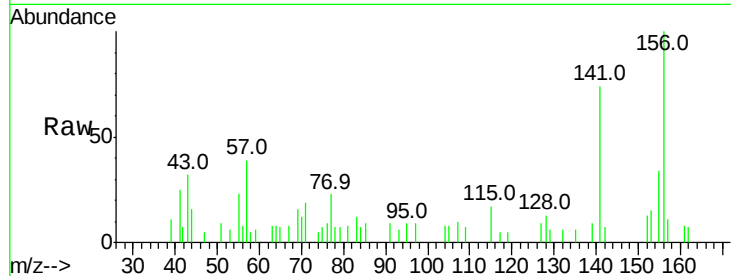
Tot Ion: 65 Resp: 282

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

138 0.0 91.2 136.8#



#48

Acenaphthylene

Concen: 3.031 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

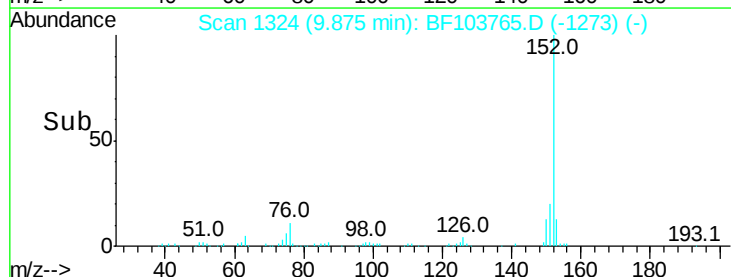
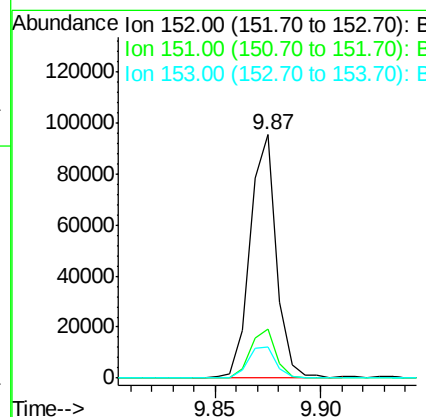
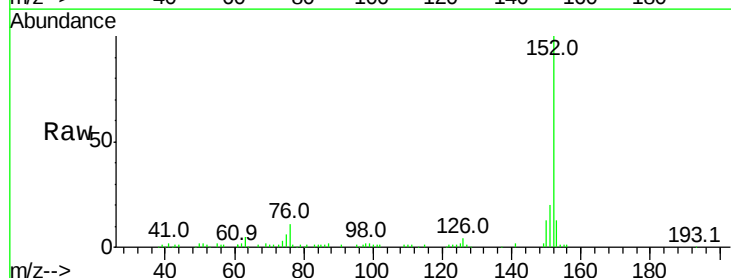
Tgt Ion:152 Resp: 82233

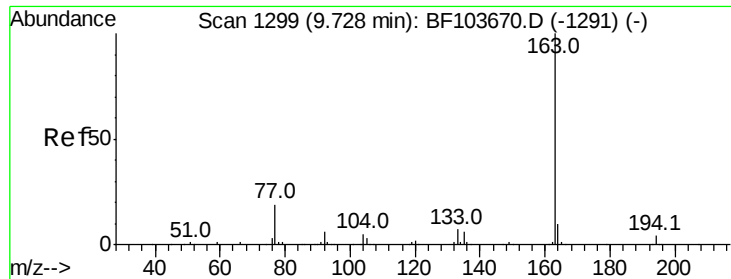
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.0 10.7 16.1





#49

Dimethylphthalate

Concen: 3.104 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampleId :

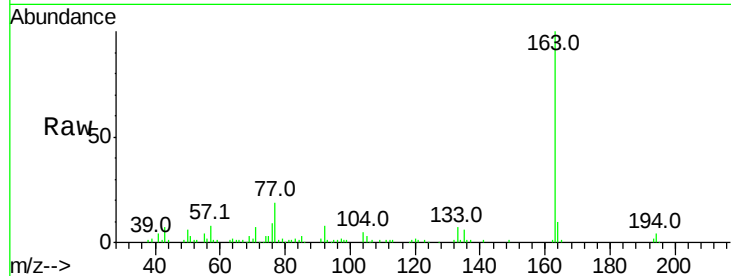
Tot Ion:163 Resp: 62570

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

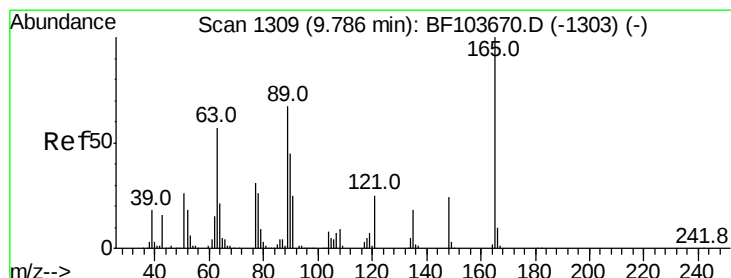
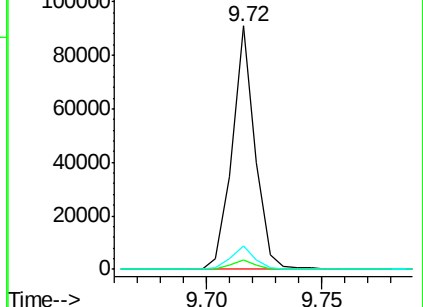
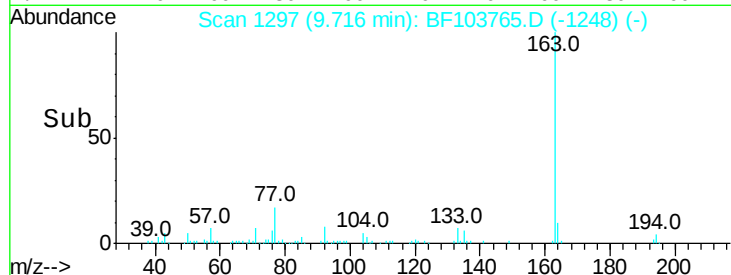
164 9.7 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 12.601 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

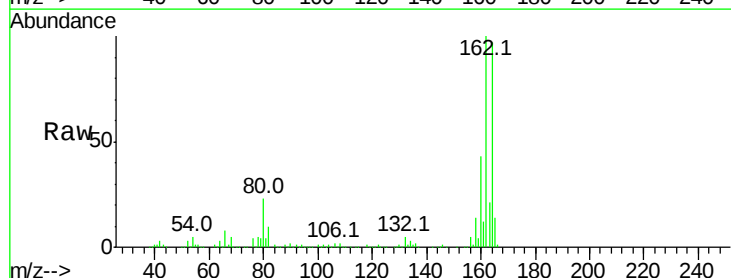
Tgt Ion:165 Resp: 36643

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

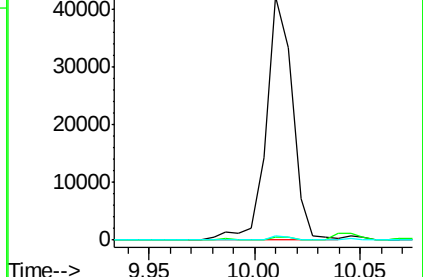
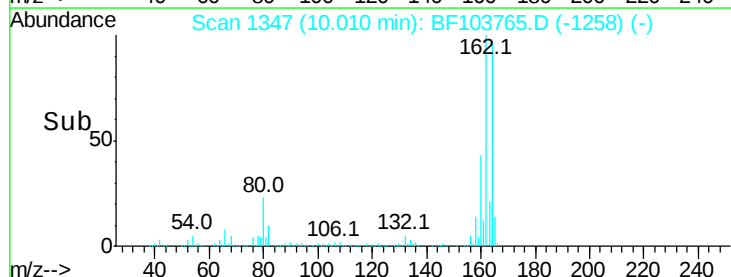
89 1.6 44.0 66.0#

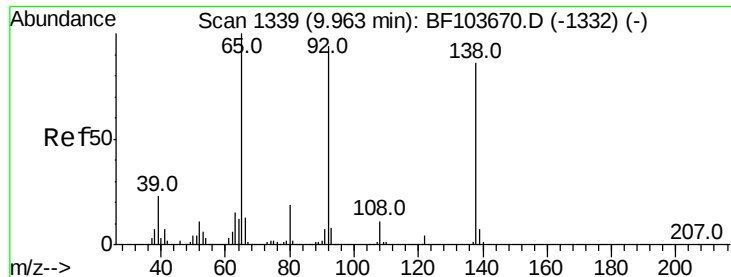


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

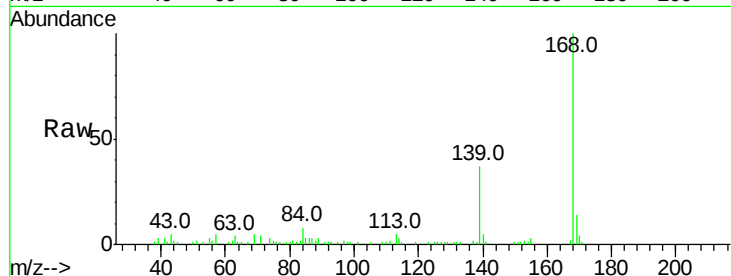




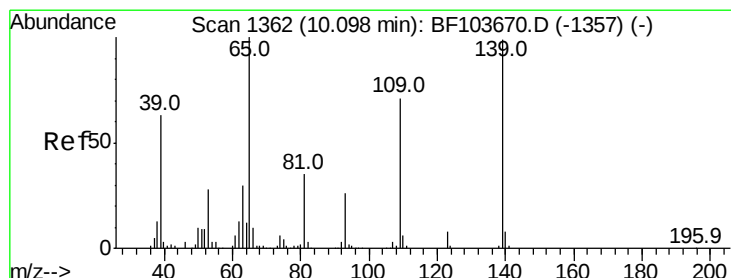
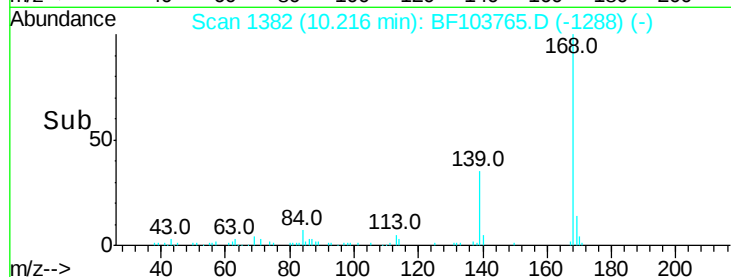
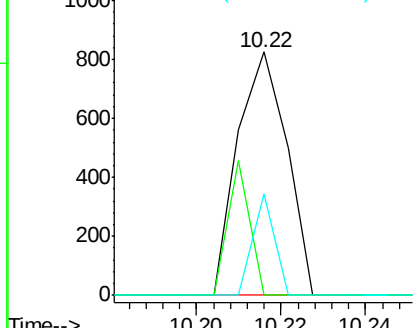
#52
3-Nitroaniline
Concen: 3.946 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.25 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 667
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 41.8 89.4 134.2#

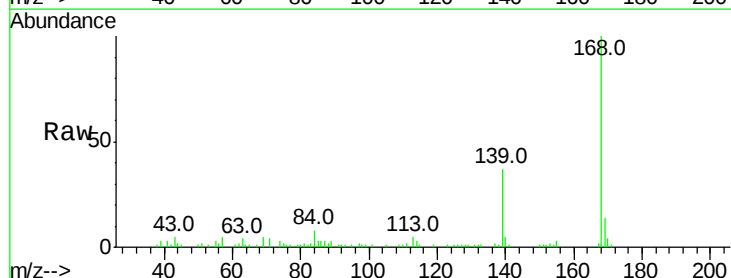


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

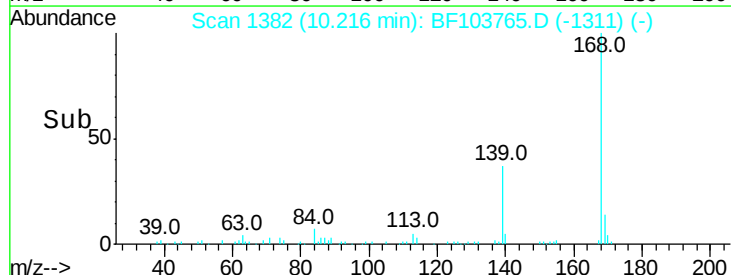
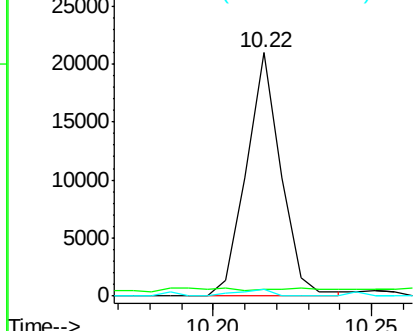


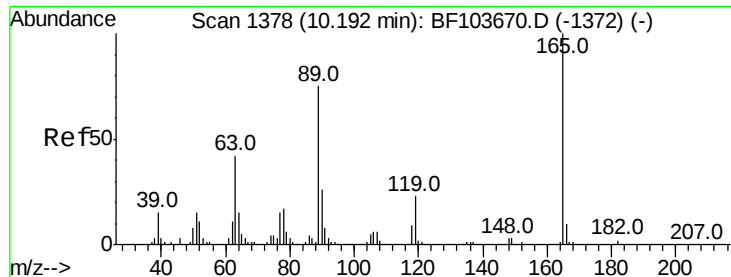
#55
4-Nitrophenol
Concen: 9.010 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:139 Resp: 15897
Ion Ratio Lower Upper
139 100
109 2.8 48.4 88.4#
65 2.6 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

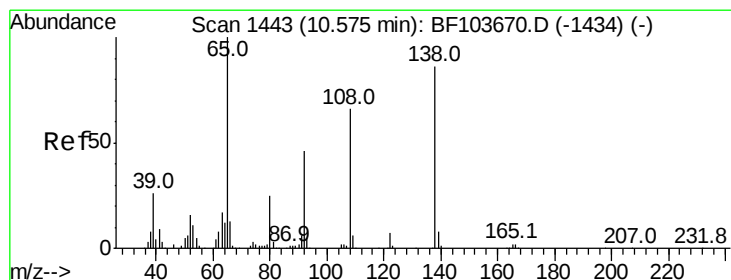
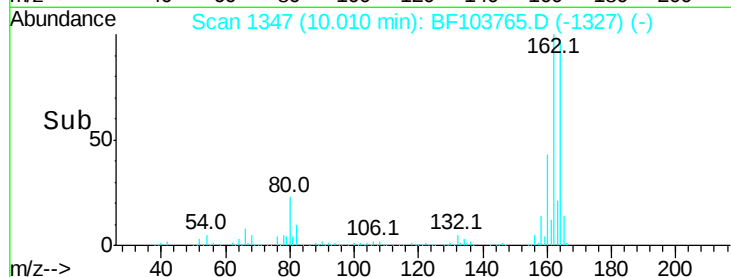
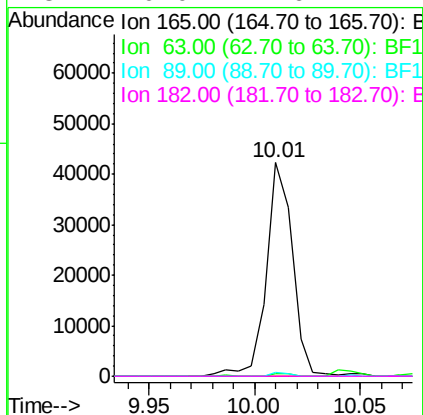
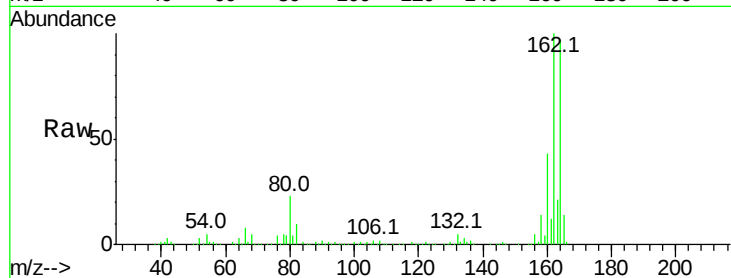




#56
2,4-Dinitrotoluene
Concen: 12.671 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

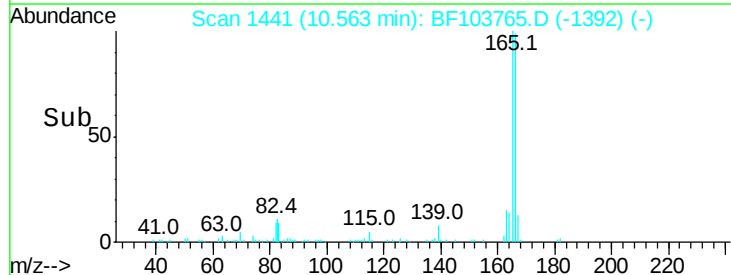
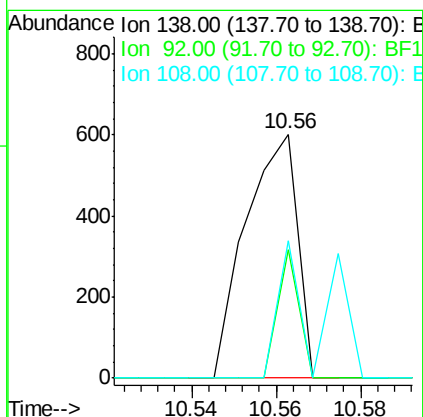
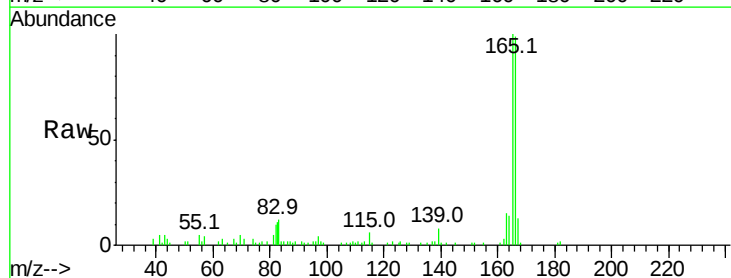
Instrument :
BNA_F
ClientSampleId :

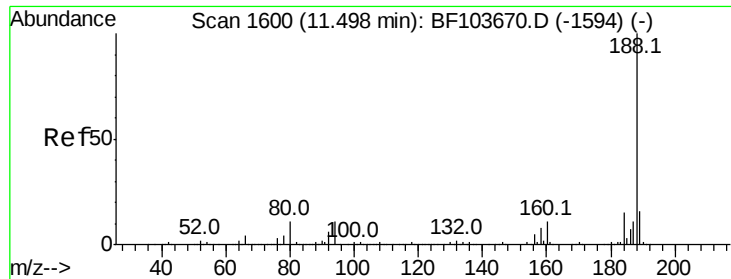
Tot Ion:165 Resp: 36643
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#61
4-Nitroaniline
Concen: 3.854 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:138 Resp: 511
Ion Ratio Lower Upper
138 100
92 52.7 30.2 70.2
108 56.4 52.5 92.5

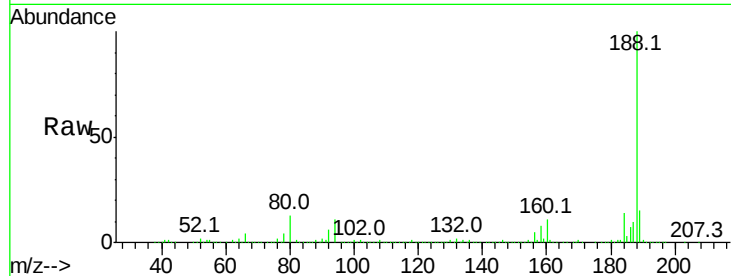




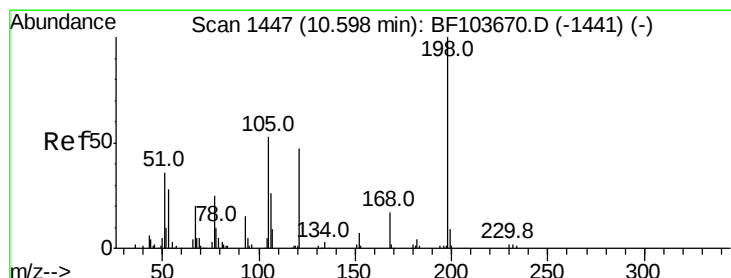
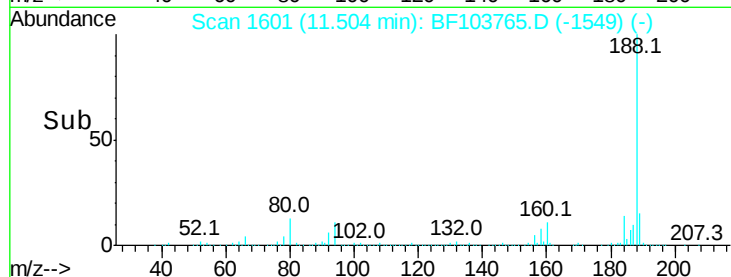
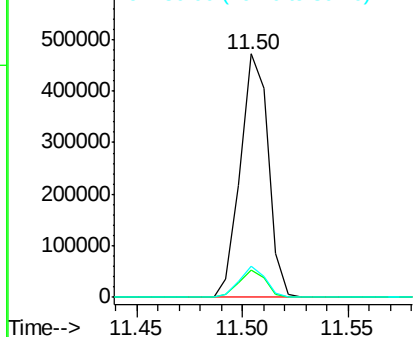
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 432289
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.7 9.2 13.8

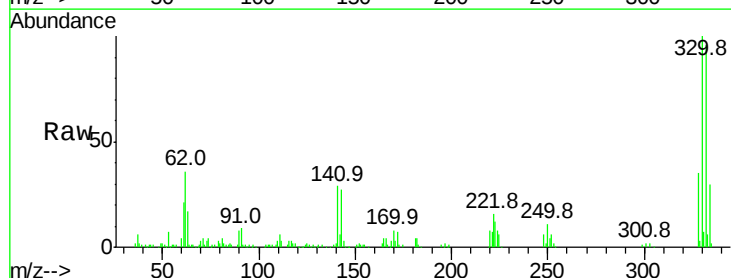


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

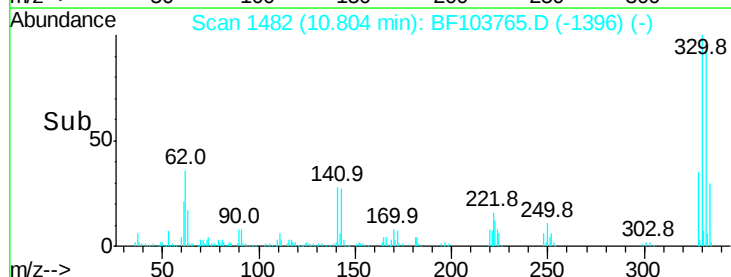
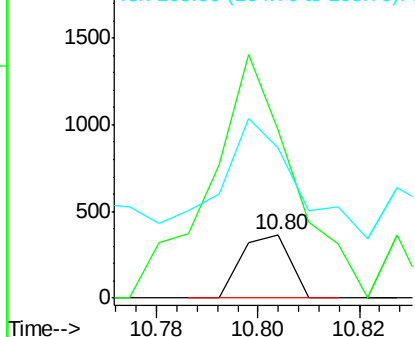


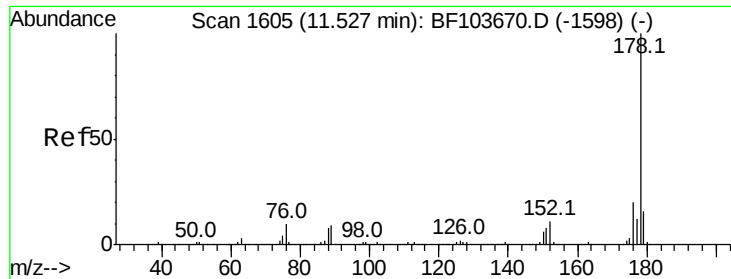
#64
4,6-Dinitro-2-methylphenol
Concen: 8.283 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.21 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:198 Resp: 241
Ion Ratio Lower Upper
198 100
51 265.3 37.7 77.7#
105 236.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 14.267 ng

RT: 11.53 min Scan# 1605

Delta R.T. 0.00 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampled :

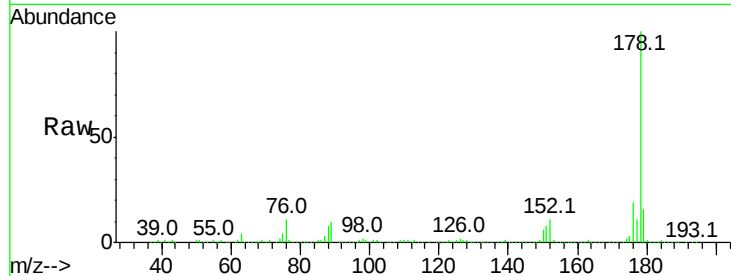
Tot Ion:178 Resp: 337370

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

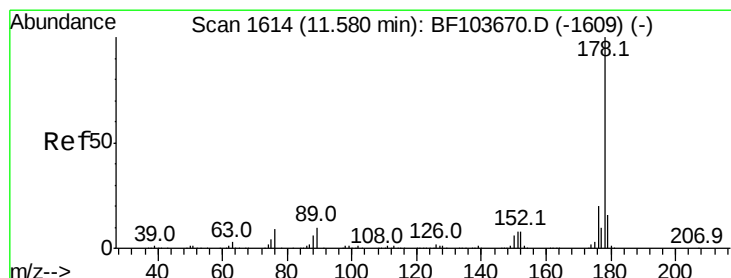
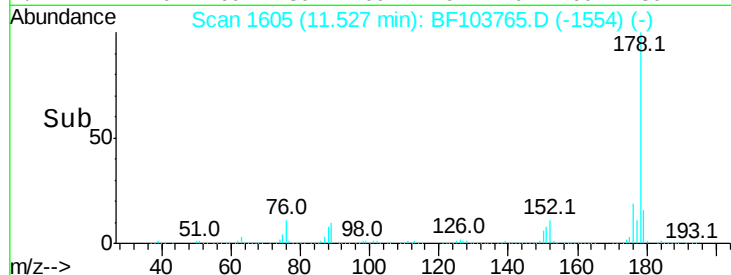
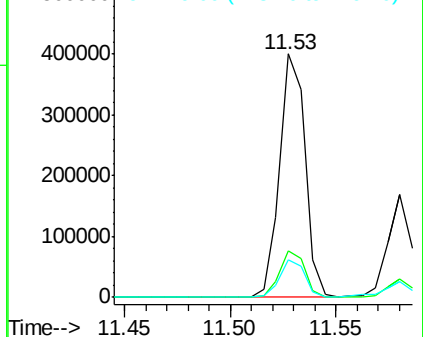
179 15.6 13.0 19.6



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: 5.379 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

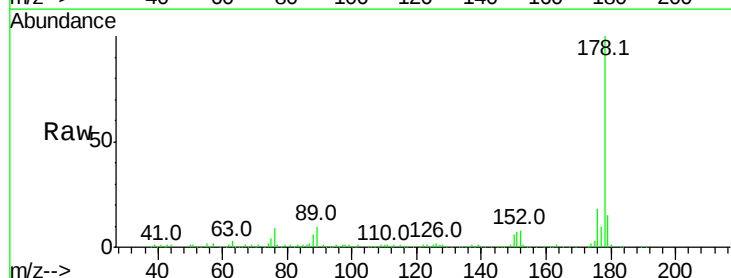
Tgt Ion:178 Resp: 129187

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

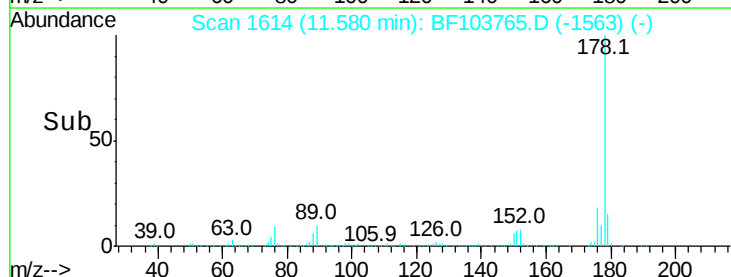
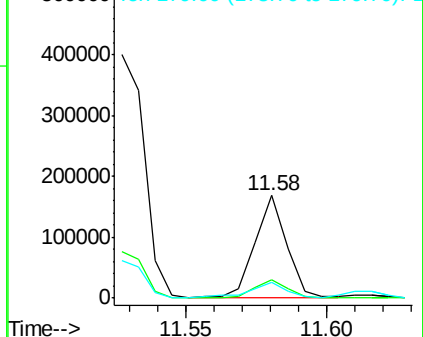
179 15.3 12.6 19.0

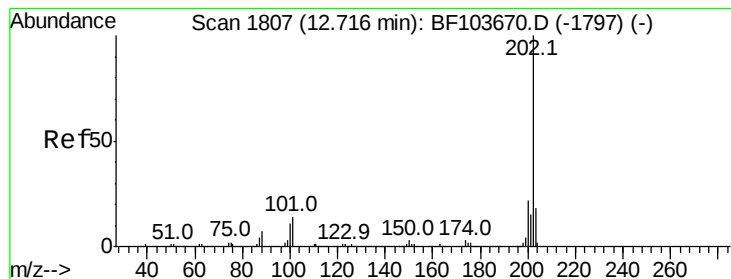


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 21.705 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampleId :

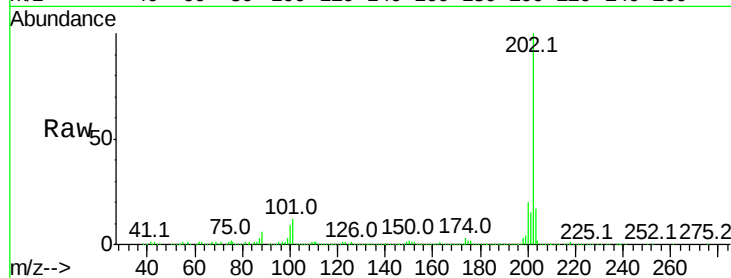
Tot Ion:202 Resp: 528774

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

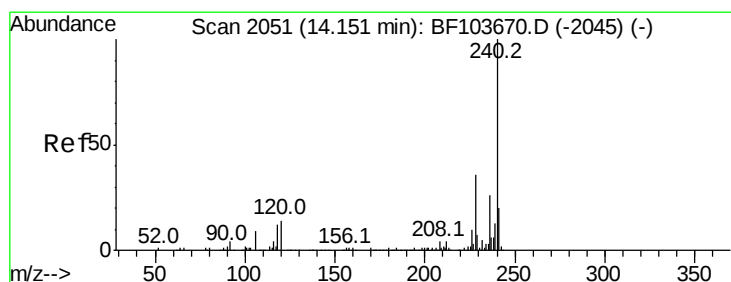
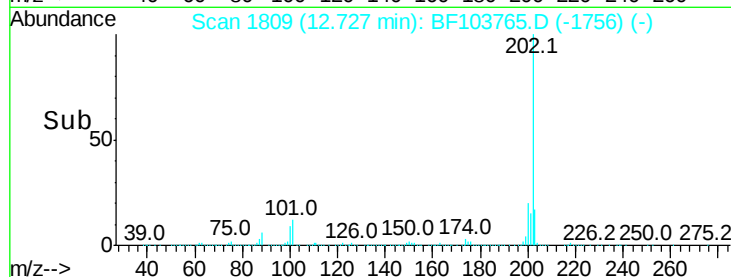
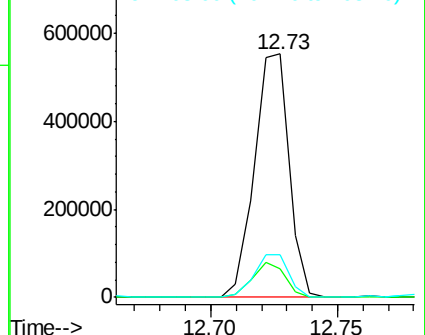
203 17.5 0.0 38.1



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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

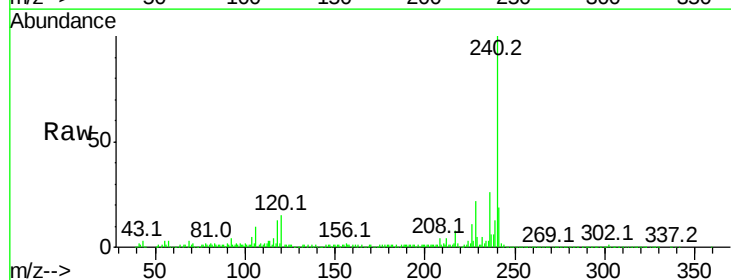
Tgt Ion:240 Resp: 319644

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

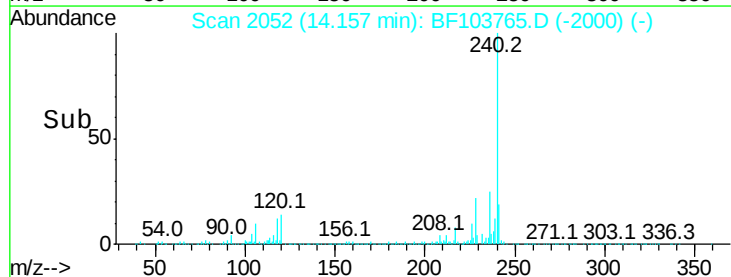
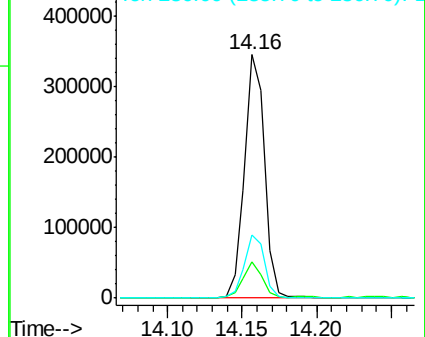
236 25.7 20.7 31.1

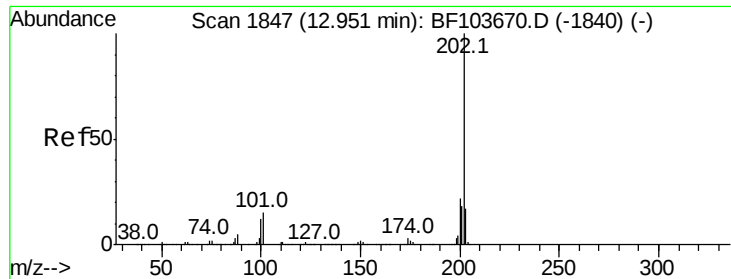


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

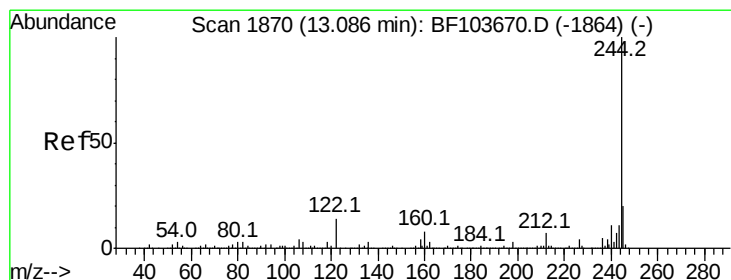
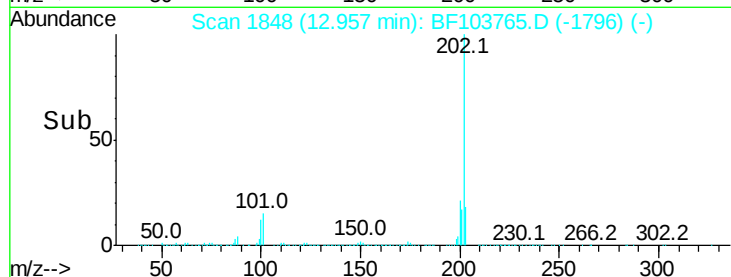
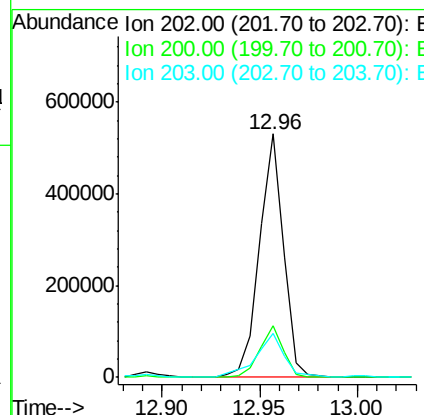
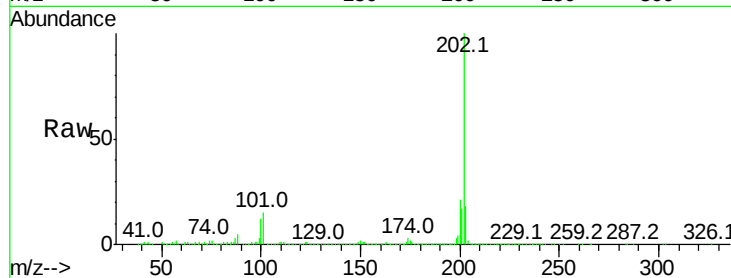




#77
Pvrene
Concen: 19.193 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

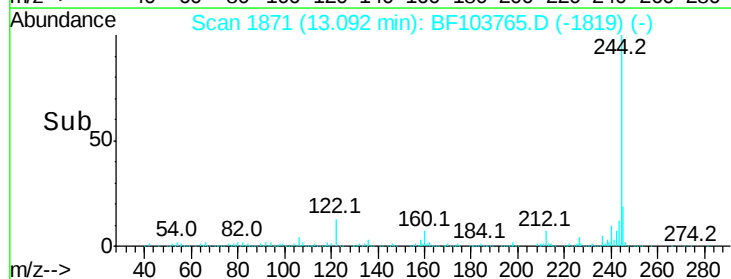
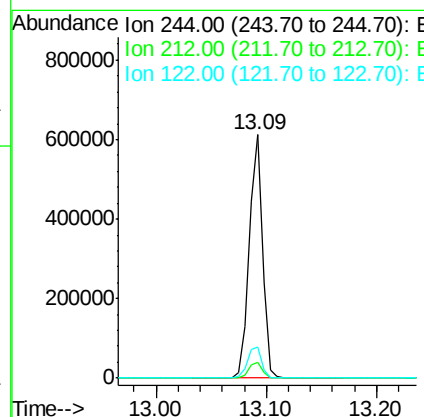
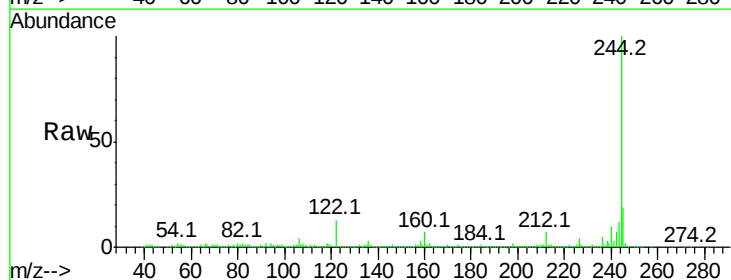
Instrument :
BNA_F
ClientSampleId :

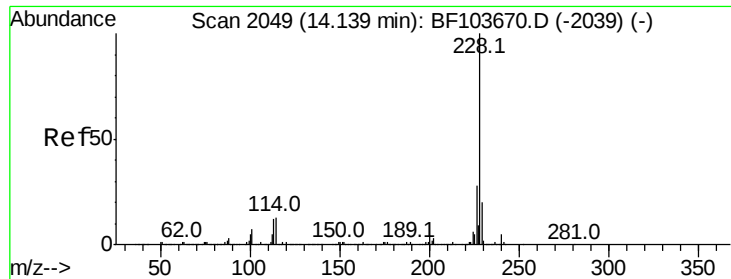
Tot Ion:202 Resp: 450539
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 37.988 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion:244 Resp: 523129
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 12.6 11.0 16.4

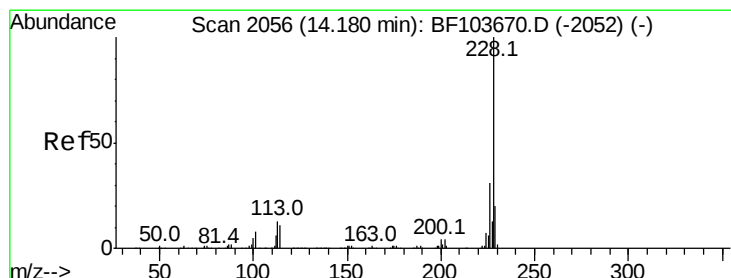
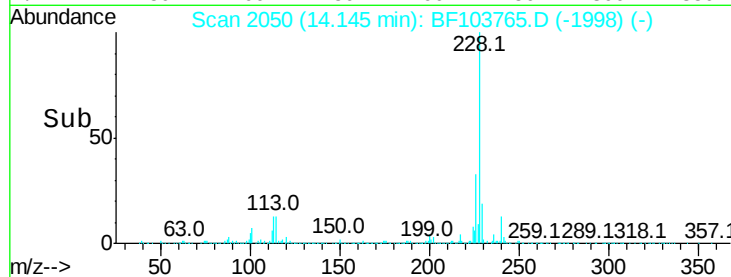
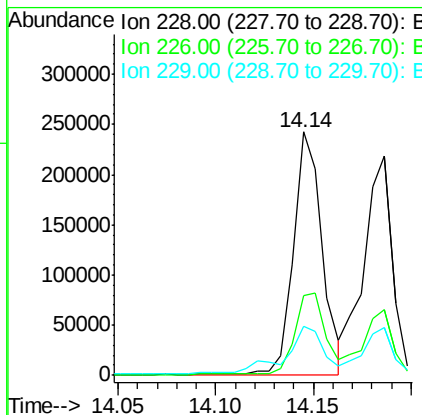
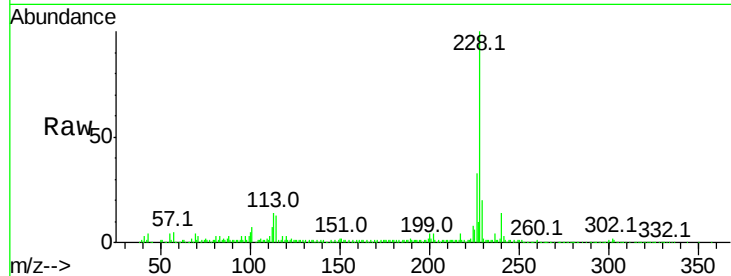




#80
Benzo(a)anthracene
Concen: 12.133 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

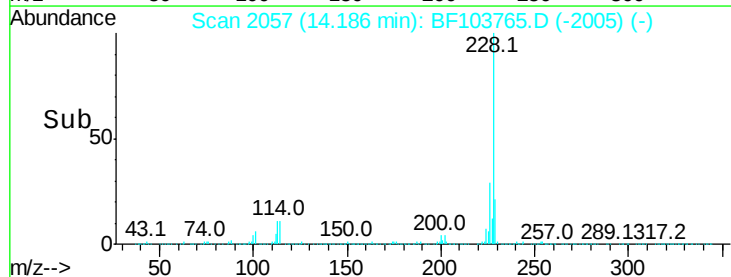
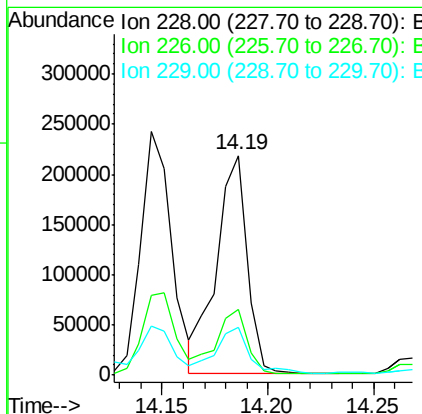
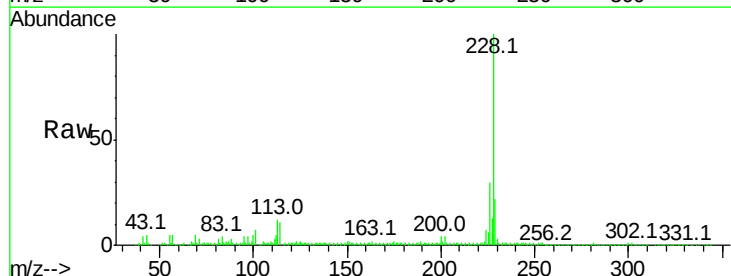
Instrument :
BNA_F
ClientSampleId :

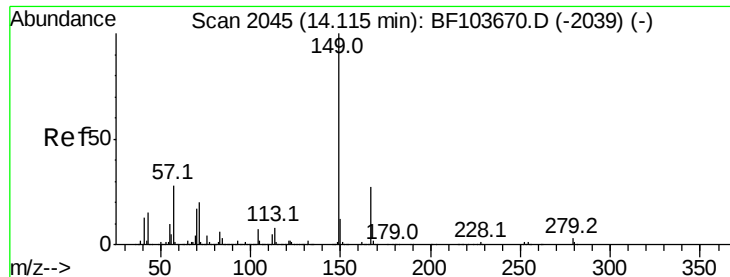
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	19.9	15.8	23.6



#82
Chrysene
Concen: 11.480 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.783 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampleId :

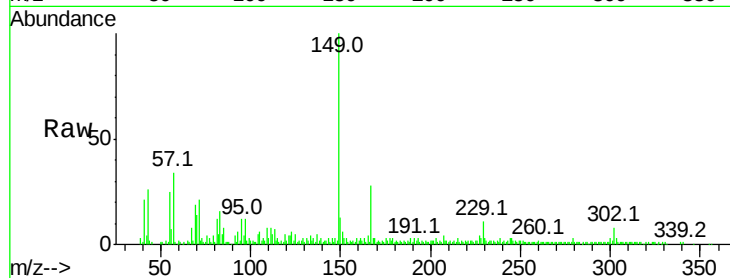
Tot Ion:149 Resp: 85929

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

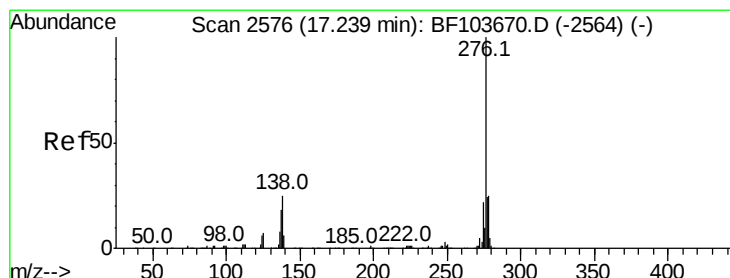
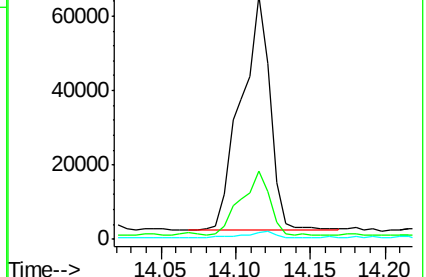
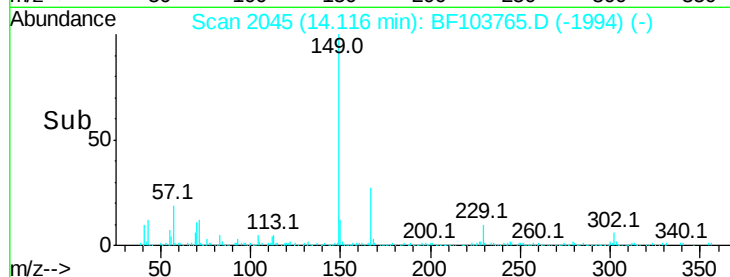
279 3.0 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.536 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

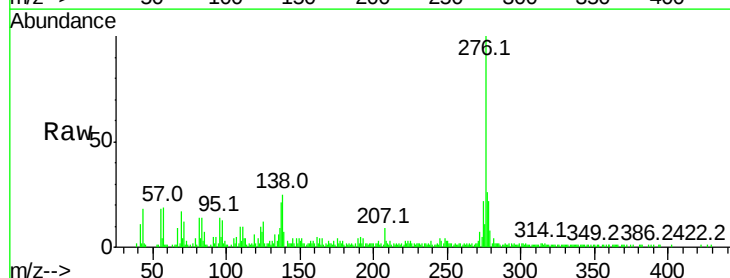
Tgt Ion:276 Resp: 110096

Ion Ratio Lower Upper

276 100

138 23.9 25.0 37.6#

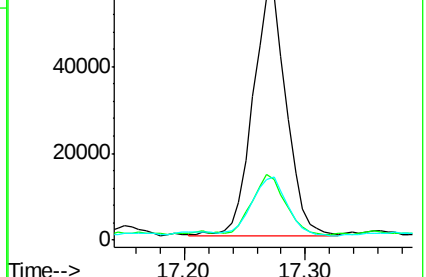
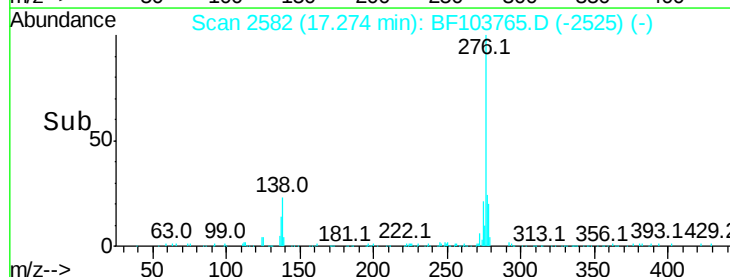
277 25.3 20.1 30.1

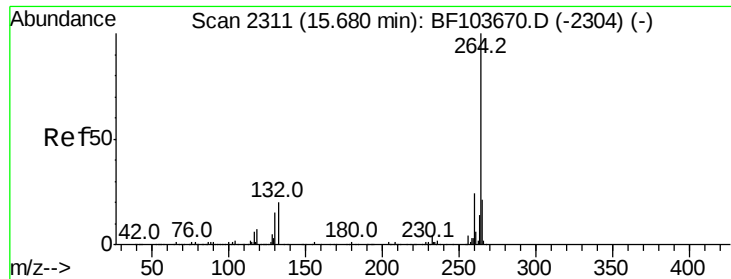


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

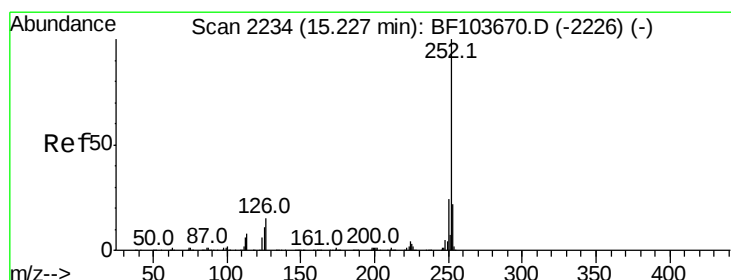
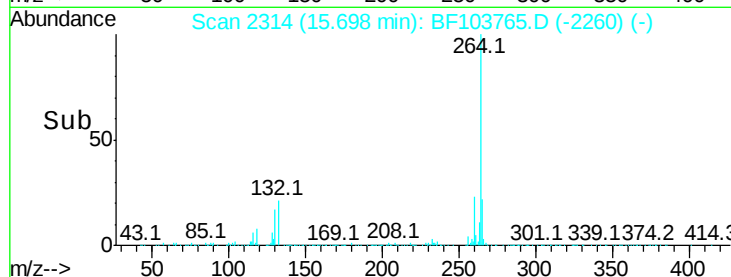
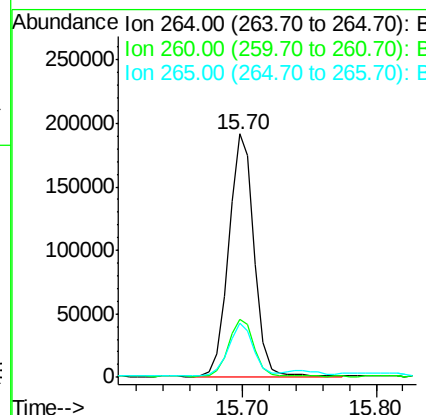
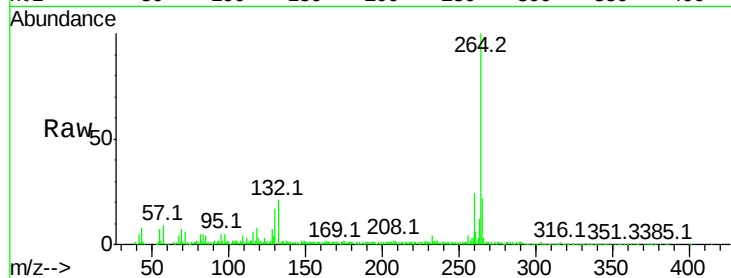




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

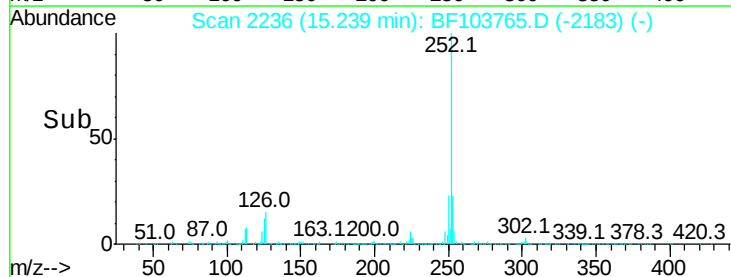
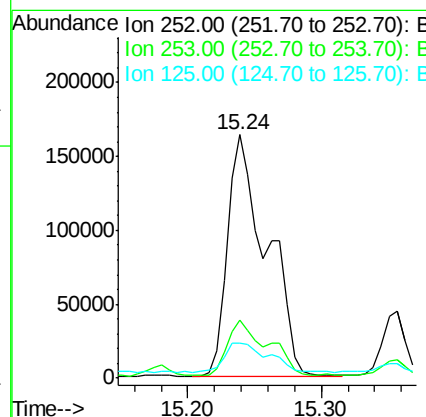
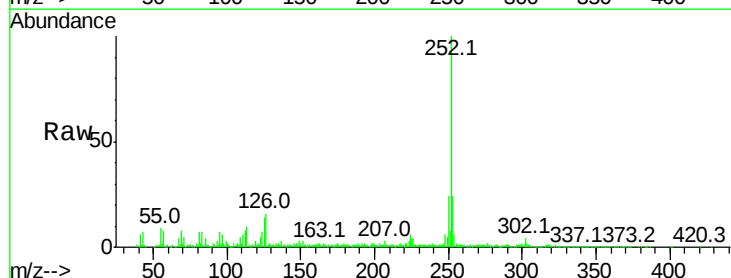
Instrument :
BNA_F
ClientSampleId :

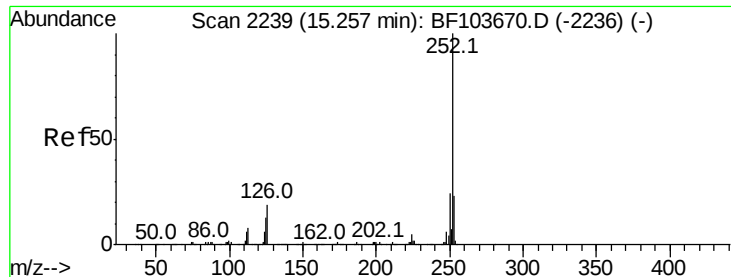
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 21.025 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	14.3	9.0	13.6

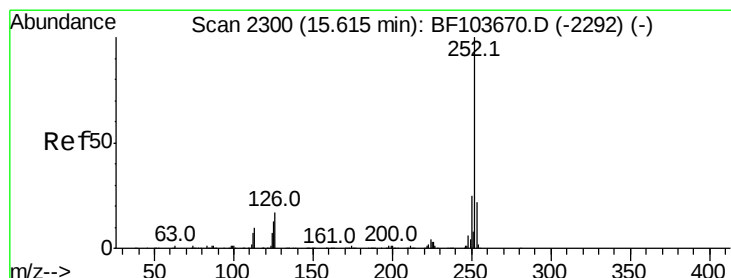
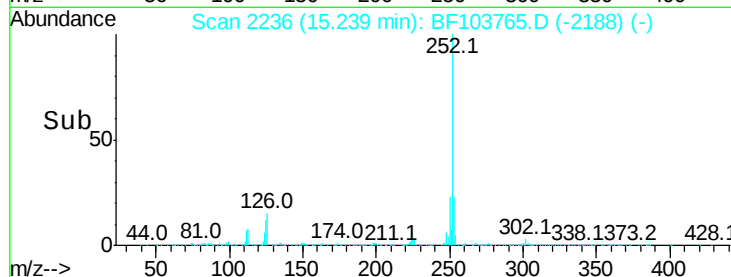
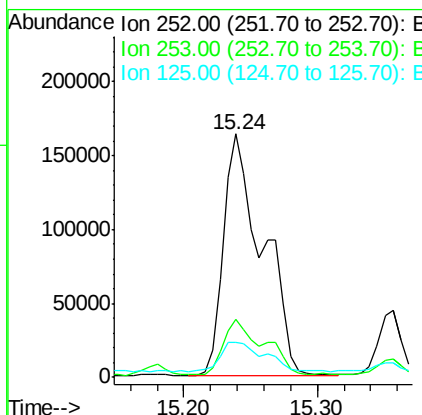
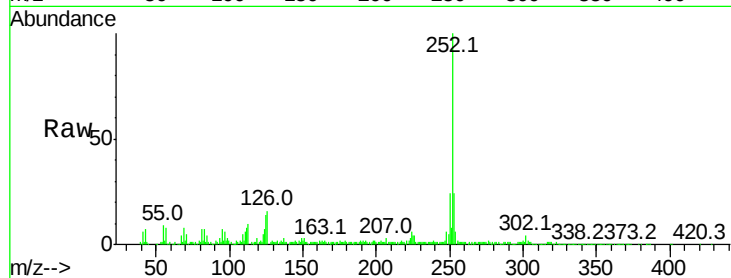




#88
Benzo(k)fluoranthene
Concen: 21.872 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

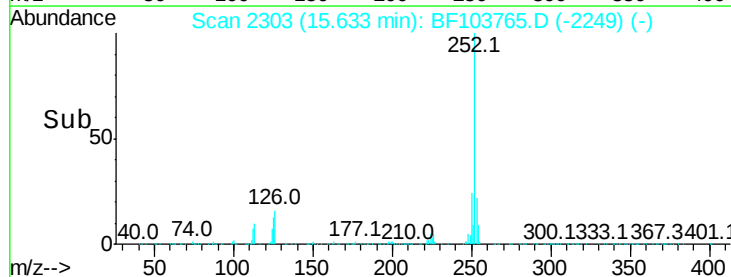
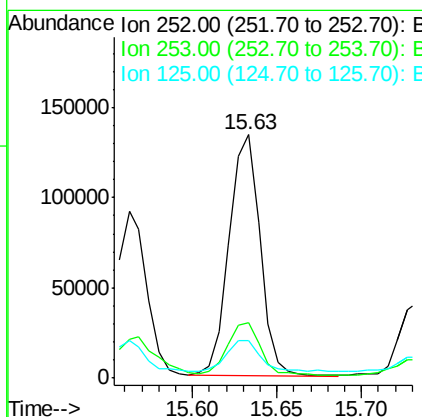
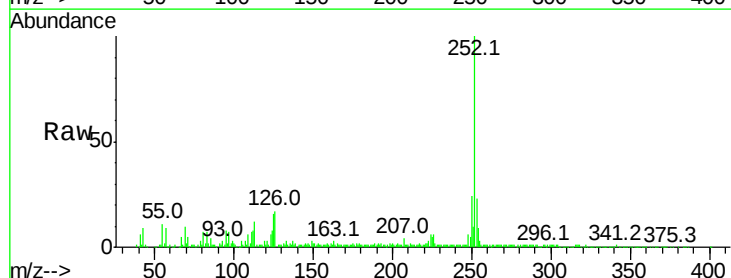
Instrument :
BNA_F
ClientSampleId :

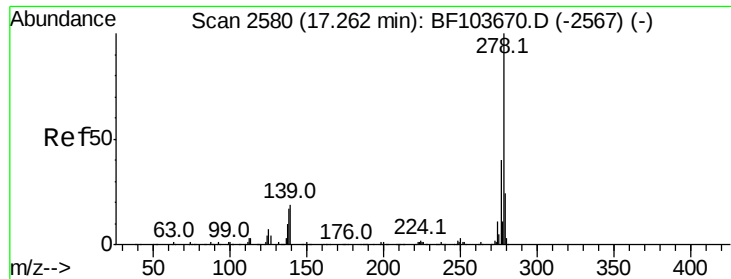
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	14.3	10.2	15.2



#89
Benzo(a)pyrene
Concen: 11.796 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103765.D
Acq: 19 Mar 2018 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	15.5	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 2.153 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Instrument :

BNA_F

ClientSampleId :

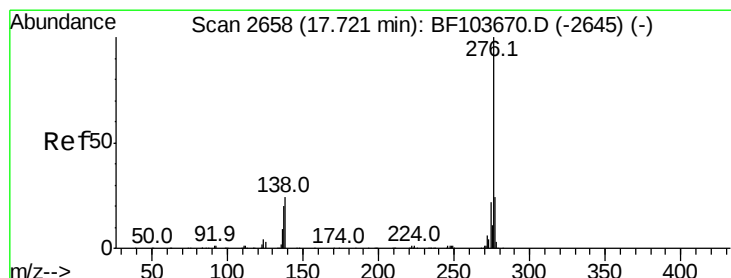
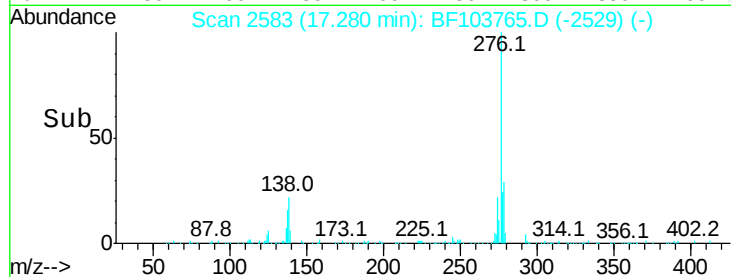
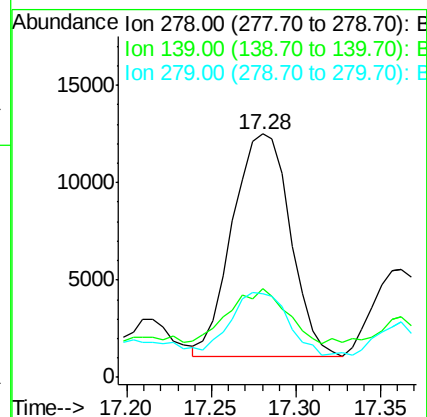
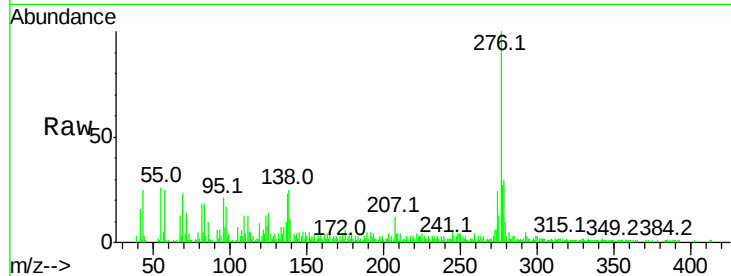
Tot Ion:278 Resp: 27050

Ion Ratio Lower Upper

278 100

139 36.4 15.9 23.9#

279 34.3 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 8.628 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.03 min

Lab File: BF103765.D

Acq: 19 Mar 2018 19:36

Tgt Ion:276 Resp: 105450

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 26.5 21.8 32.8

