

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110765.D
 Acq On : 14 Nov 2018 15:39
 Operator : JU/SJ
 Sample : J5930-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 14 16:19:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85897	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	374985	20.00	ng	0.01
39) Acenaphthene-d10	9.99	164	158980	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	284902	20.00	ng	0.00
76) Chrysene-d12	14.13	240	176276	20.00	ng	-0.01
87) Perylene-d12	15.66	264	166310	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	566012	107.03	ng	0.00
7) Phenol-d6	6.57	99	773755	114.42	ng	0.00
23) Nitrobenzene-d5	7.54	82	470268	72.22	ng	0.02
42) 2,4,6-Tribromophenol	10.78	330	160615	100.26	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	735730	66.09	ng	0.01
79) Terphenyl-d14	13.06	244	592981	63.00	ng	0.00

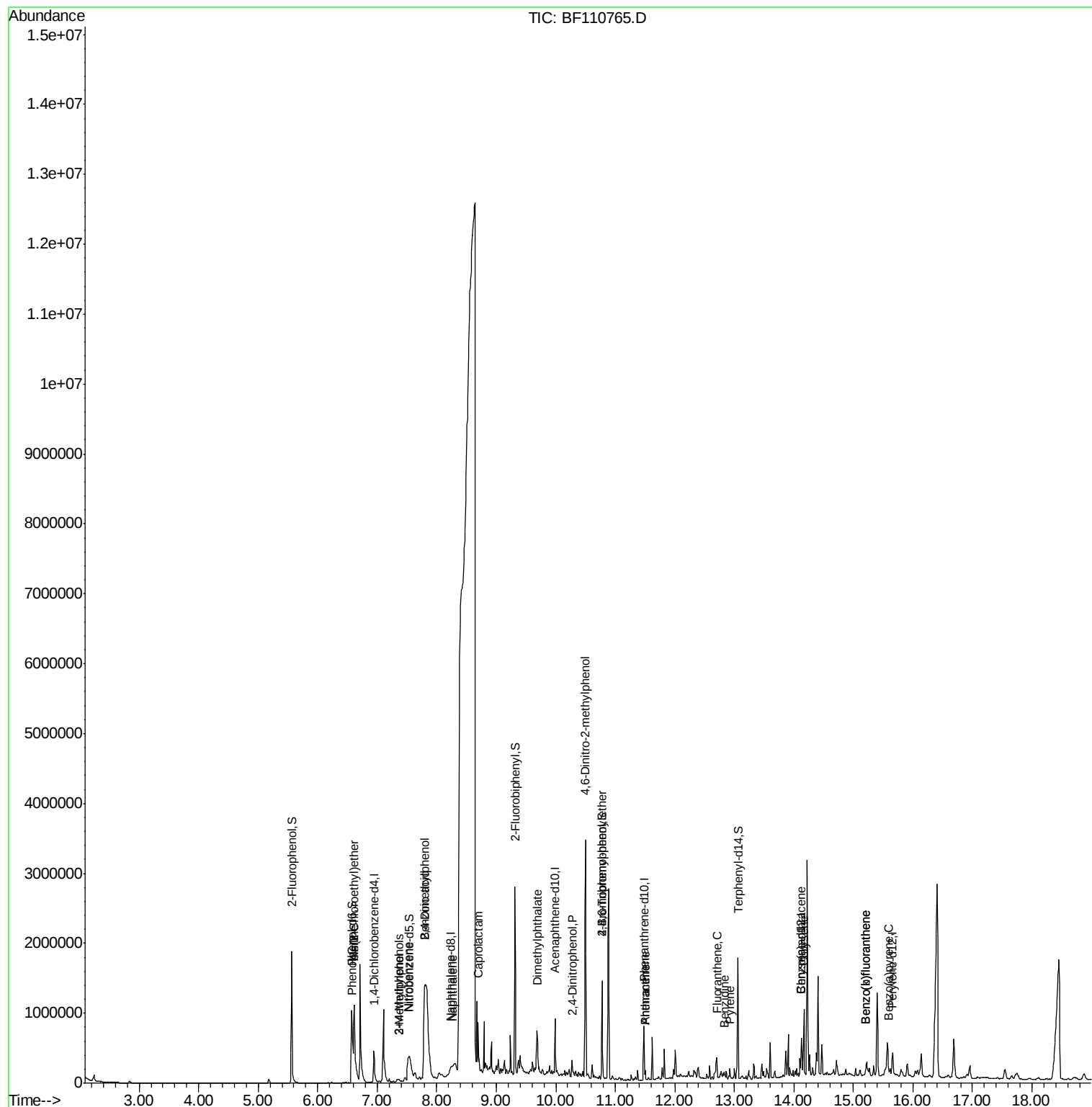
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.61	93	522368	59.234	ng	# 55
9) Benzaldehyde	6.57	77	916	Below Cal		# 1
10) Phenol	6.59	94	22477	2.867	ng	# 94
11) bis(2-Chloroethyl)ether	6.61	93	522368	88.892	ng	# 27
17) 2-Methylphenol	7.37	107	23171	4.696	ng	# 32
20) 3+4-Methylphenols	7.37	107	23290	3.677	ng	# 46
24) Nitrobenzene	7.52	77	14673	2.199	ng	# 46
27) 2,4-Dimethylphenol	7.80	122	79271	15.640	ng	# 1
31) Naphthalene	8.26	128	42188	2.397	ng	# 91
32) Benzoic acid	7.80	122	79271	22.104	ng	# 1
35) Caprolactam	8.69	113	11001	6.314	ng	# 32
50) Dimethylphthalate	9.69	163	74921	6.316	ng	# 99
54) 2,4-Dinitrophenol	10.27	184	406	5.069	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.50	198	34925	24.323	ng	# 57
67) 4-Bromophenyl-phenylether	10.78	248	10393	3.301	ng	# 1
71) Phenanthrene	11.50	178	52543	3.442	ng	100
72) Anthracene	11.50	178	52543	3.412	ng	100
75) Fluoranthene	12.70	202	66996	4.378	ng	99
77) Benzidine	12.82	184	14359	2.962	ng	97
78) Pyrene	12.93	202	56733	4.180	ng	97
81) Benzo(a)anthracene	14.12	228	27244	2.586	ng	96
83) Chrysene	14.16	228	26951	2.685	ng	98
88) Benzo(b)fluoranthene	15.20	252	40899	4.111	ng	# 93
89) Benzo(k)fluoranthene	15.20	252	40899	4.160	ng	# 92
90) Benzo(a)pyrene	15.59	252	23155	2.562	ng	# 42

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110765.D
Acq On : 14 Nov 2018 15:39
Operator : JU/SJ
Sample : J5930-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 14 16:19:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



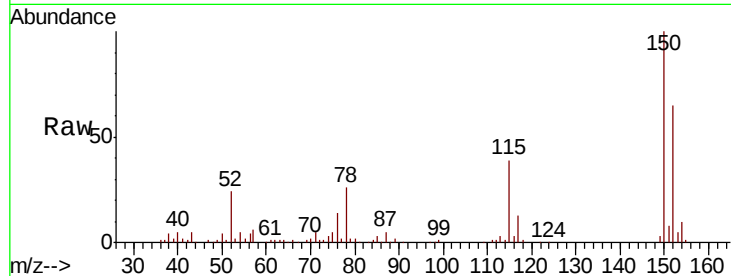


#1

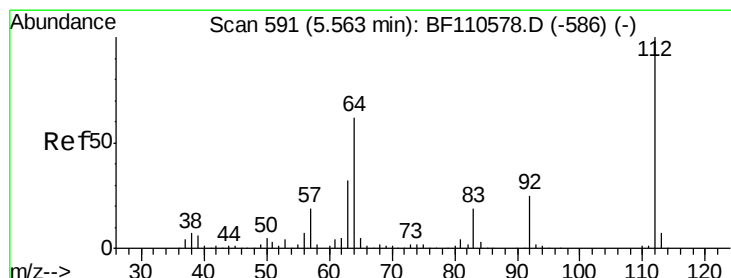
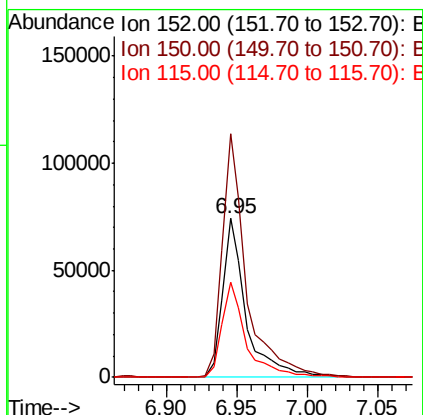
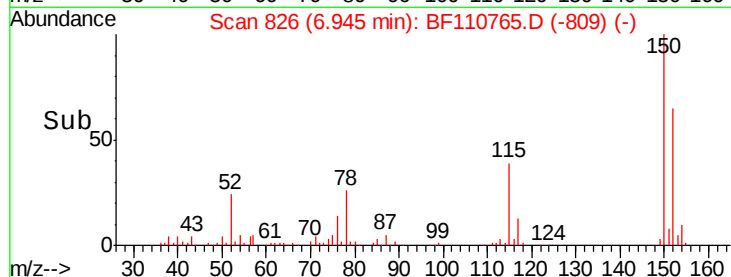
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85897
Ion Ratio Lower Upper
152 100
150 153.1 122.7 184.1
115 60.1 49.1 73.7



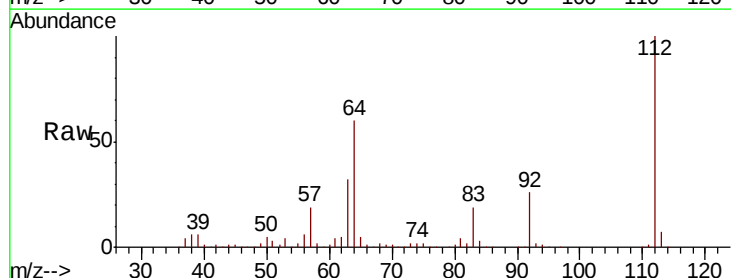
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



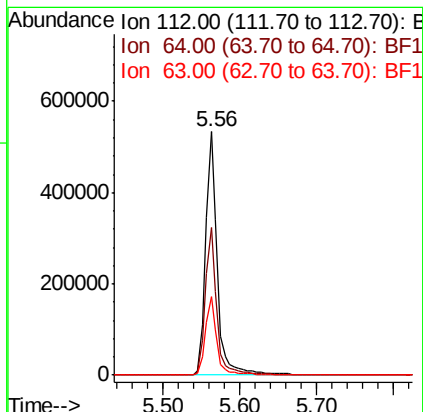
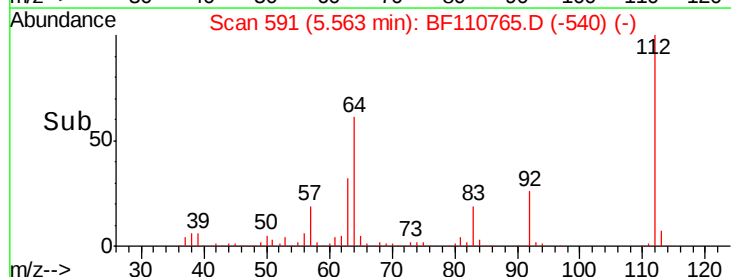
#5

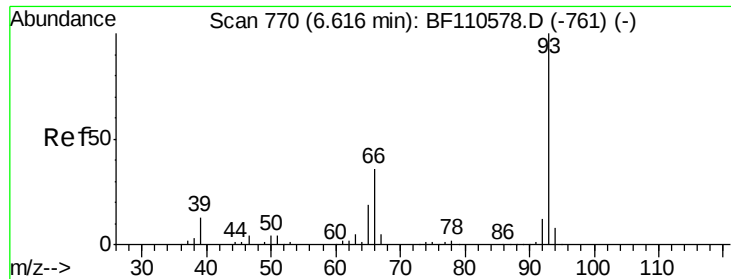
2-Fluorophenol
Concen: 107.033 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion:112 Resp: 566012
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 32.3 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





#6

Aniline

Concen: 59.234 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

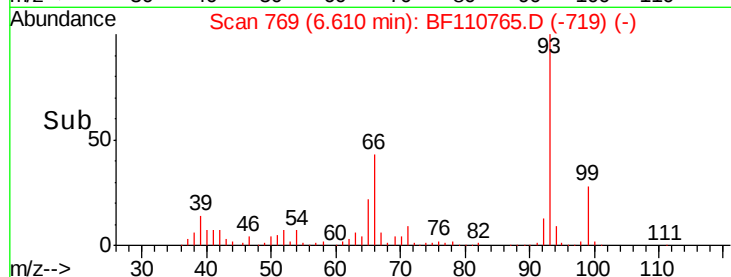
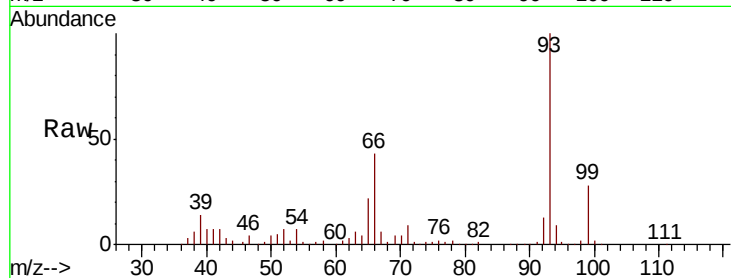
Tot Ion: 93 Resp: 522368

Ion Ratio Lower Upper

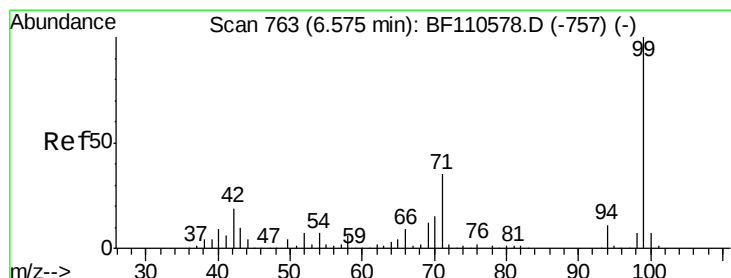
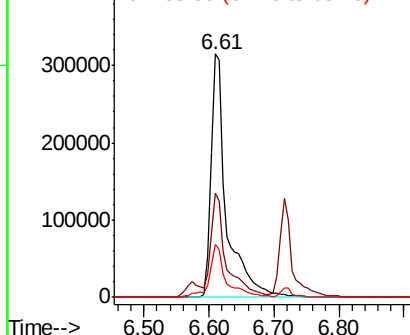
93 100

66 42.5 67.4 101.0#

65 21.6 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



#7

Phenol-d6

Concen: 114.421 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

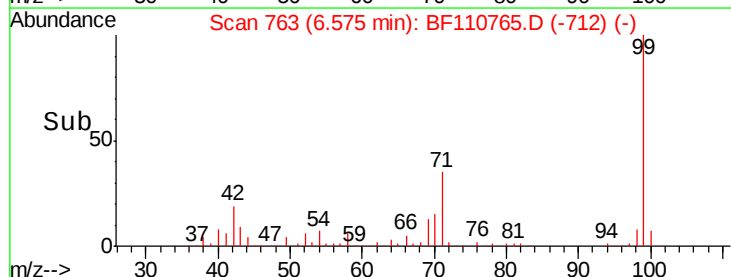
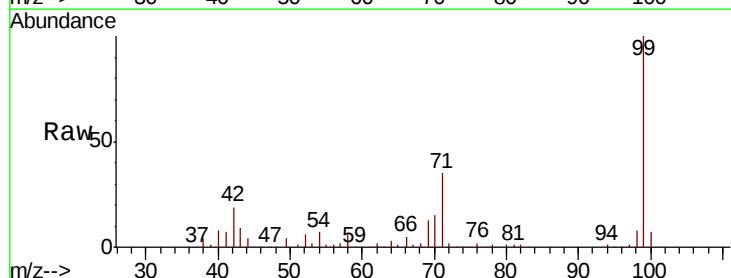
Tgt Ion: 99 Resp: 773755

Ion Ratio Lower Upper

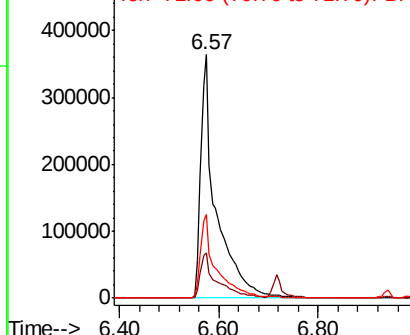
99 100

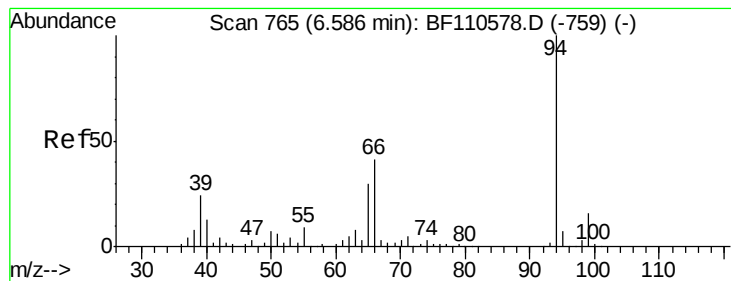
42 18.6 15.8 23.6

71 34.5 28.0 42.0



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: 2.867 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

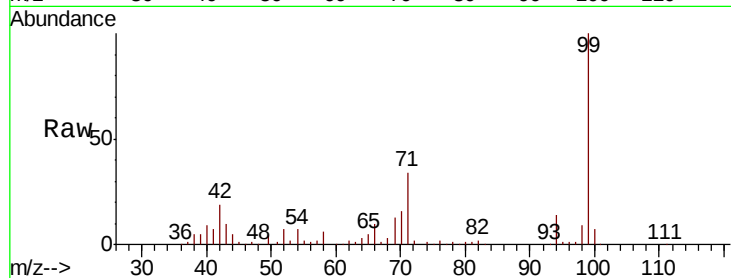
Tot Ion: 94 Resp: 22477

Ion Ratio Lower Upper

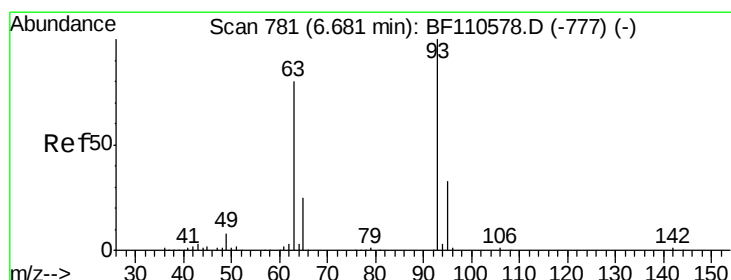
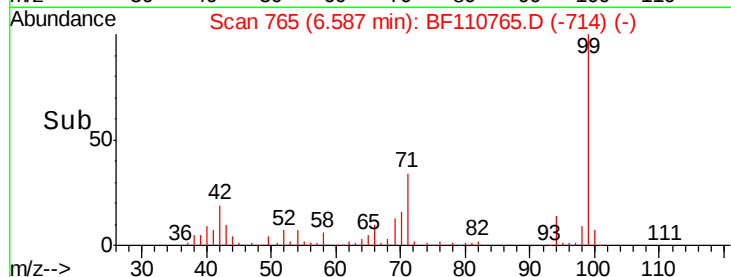
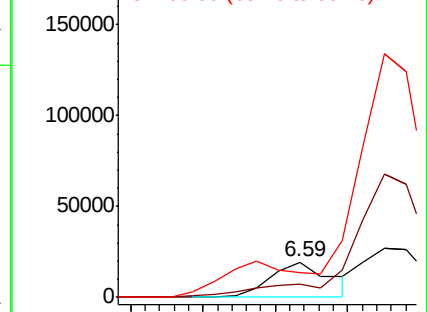
94 100

65 38.6 25.3 65.3

66 71.6 54.5 94.5



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



#11

bis(2-Chloroethyl)ether

Concen: 88.892 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.07 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

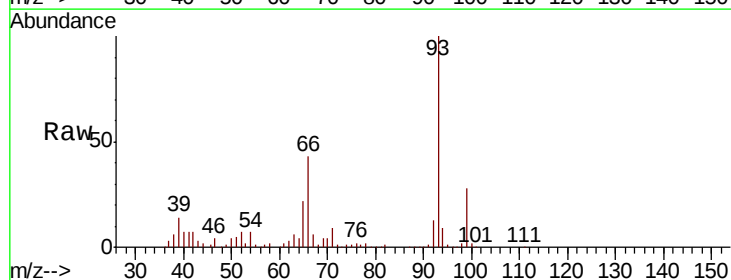
Tgt Ion: 93 Resp: 522368

Ion Ratio Lower Upper

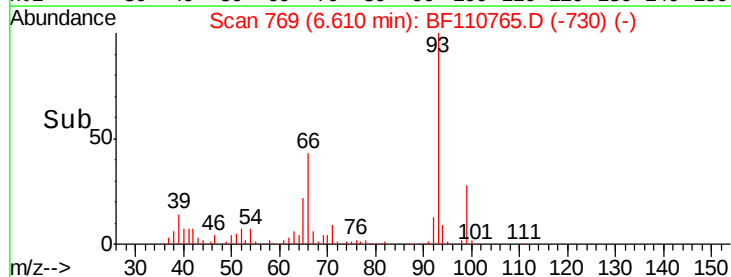
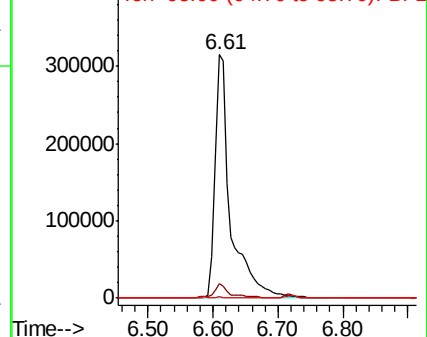
93 100

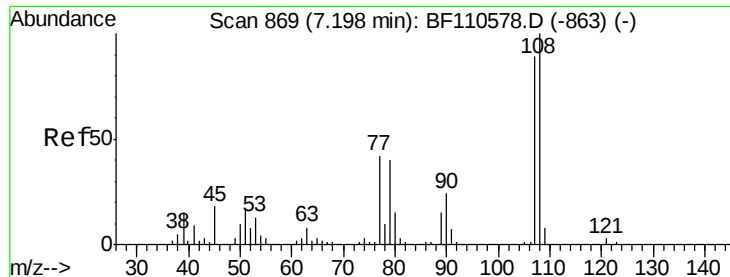
63 5.7 53.4 93.4#

95 0.5 12.1 52.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1





#17

2-Methylphenol

Concen: 4.696 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.18 min

Lab File: BF110765.D

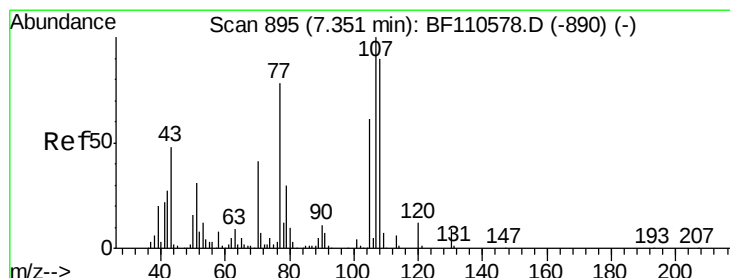
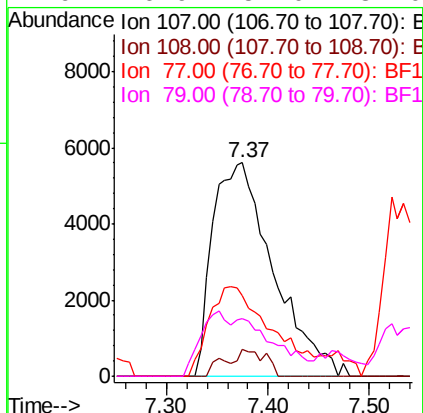
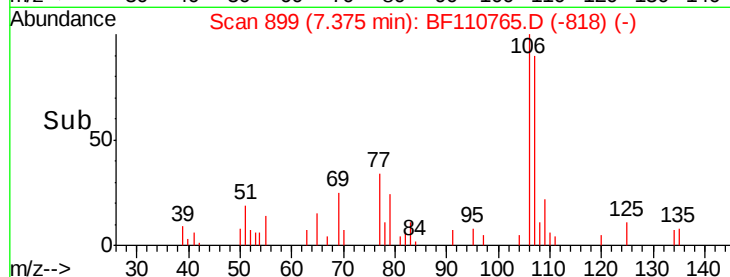
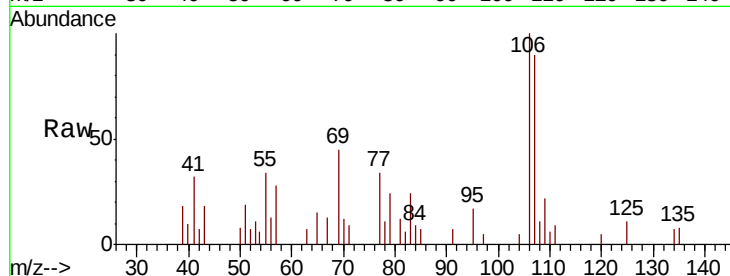
Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	23171
Ion	Ratio	Lower	Upper
107	100		
108	12.4	92.6	138.8#
77	37.7	59.4	89.2#
79	26.9	54.0	81.0#



#20

3+4-Methylphenols

Concen: 3.677 ng

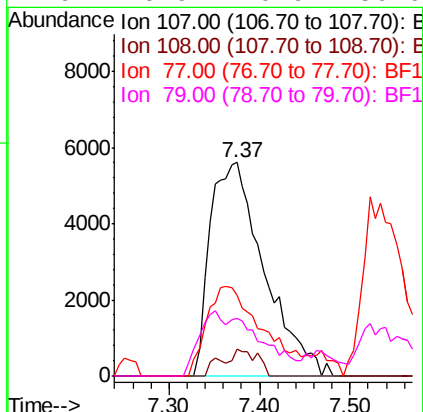
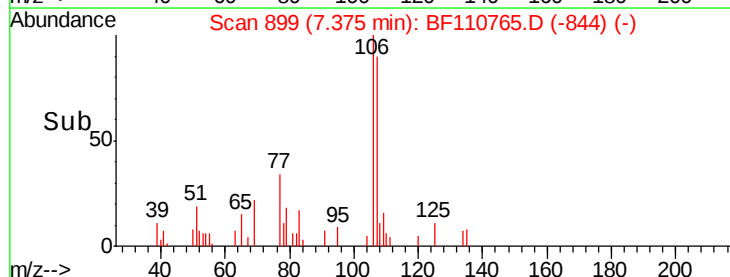
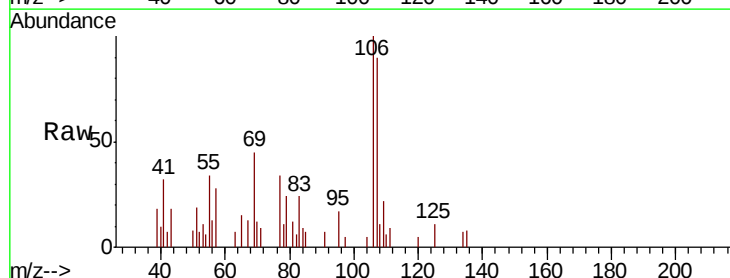
RT: 7.37 min Scan# 899

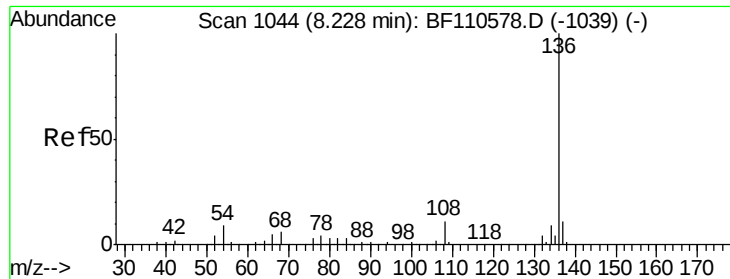
Delta R.T. 0.02 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Tgt Ion:	107	Resp:	23290
Ion	Ratio	Lower	Upper
107	100		
108	12.4	71.4	111.4#
77	37.7	47.3	87.3#
79	26.9	10.9	50.9

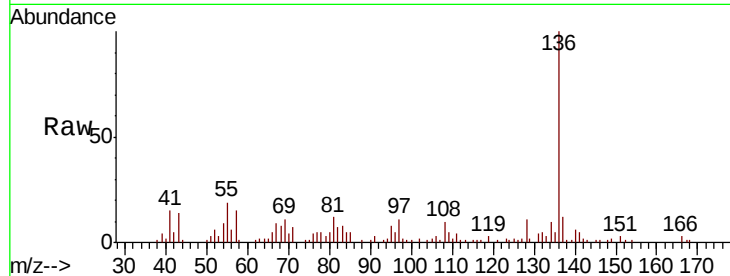




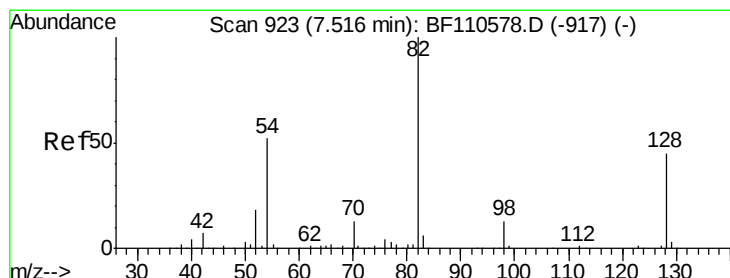
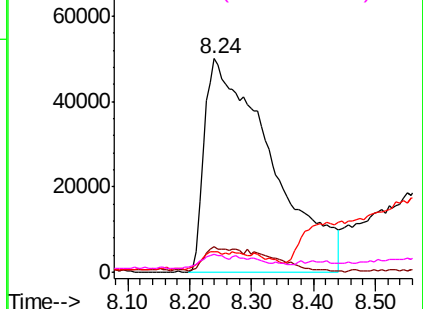
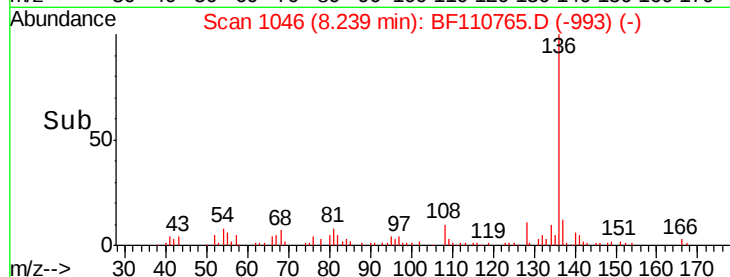
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	374985
Ion Ratio	Lower	Upper
136 100		
137 11.7	8.8	13.2
54 9.3	5.4	8.2#
68 8.2	4.2	6.2#

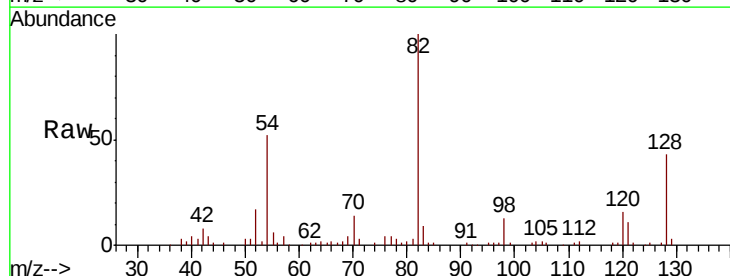


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

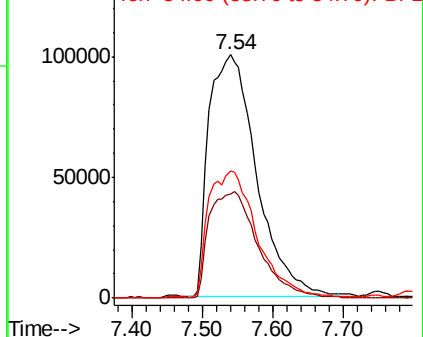
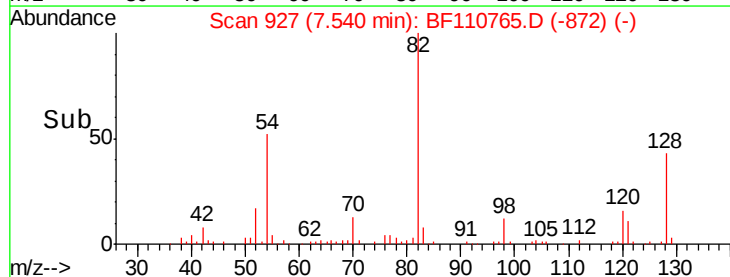


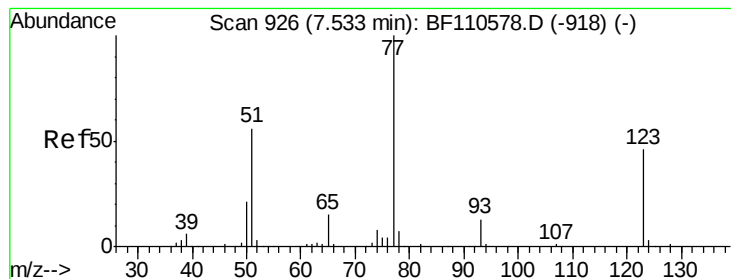
#23
Nitrobenzene-d5
Concen: 72.223 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.02 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion: 82	Resp: 470268
Ion Ratio	Lower Upper
82 100	
128 42.9	34.2 51.2
54 52.0	38.6 58.0



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





#24

Nitrobenzene

Concen: 2.199 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampled :

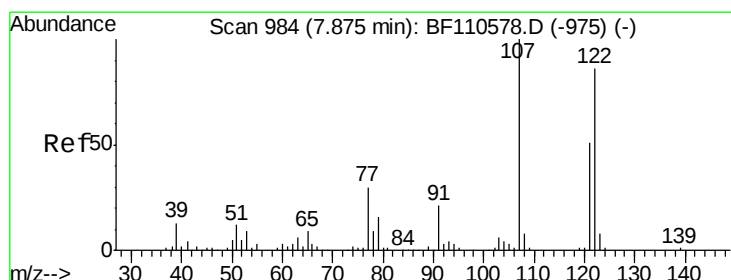
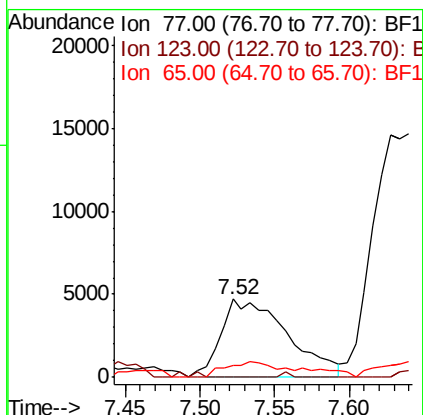
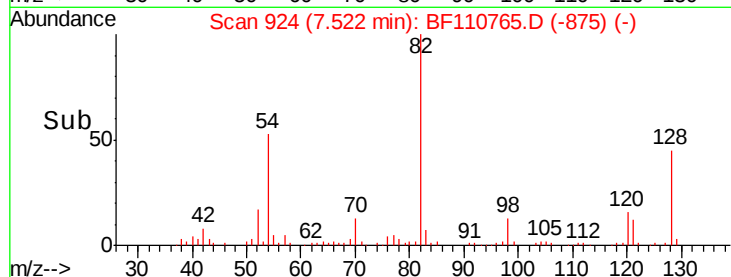
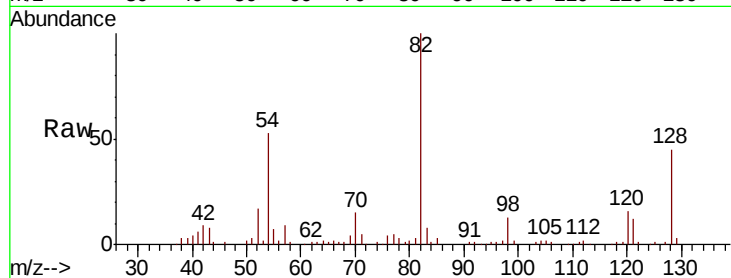
Tot Ion: 77 Resp: 14673

Ion Ratio Lower Upper

77 100

123 0.0 35.7 53.5#

65 16.1 10.7 16.1



#27

2,4-Dimethylphenol

Concen: 15.640 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.08 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

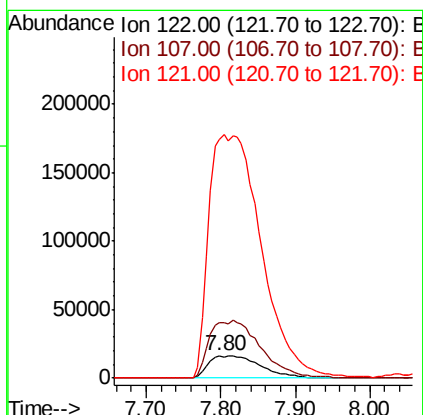
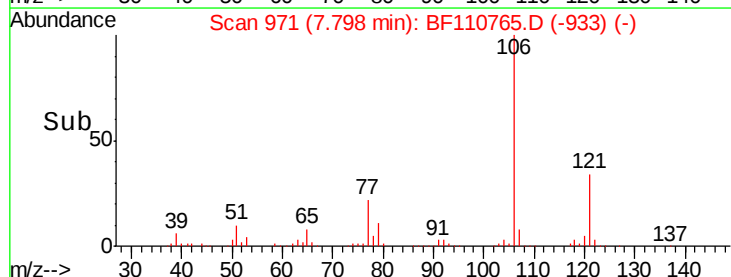
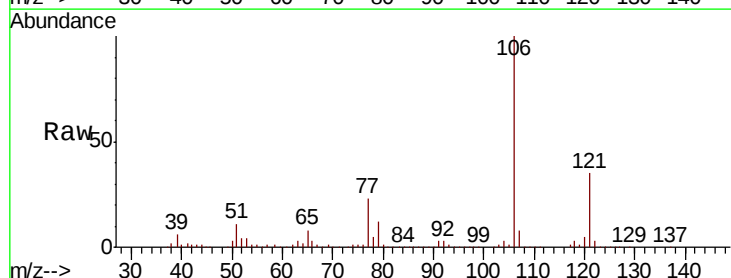
Tgt Ion: 122 Resp: 79271

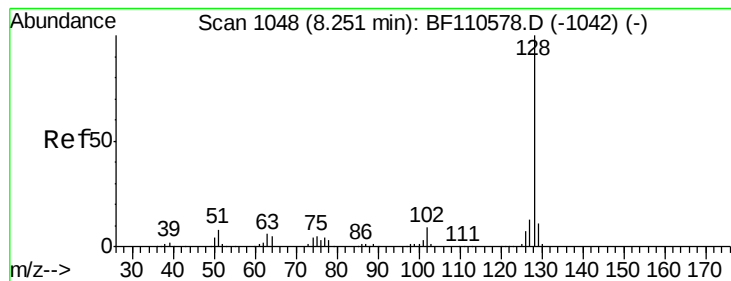
Ion Ratio Lower Upper

122 100

107 248.5 92.5 138.7#

121 1059.8 45.8 68.8#





#31

Naphthalene

Concen: 2.397 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

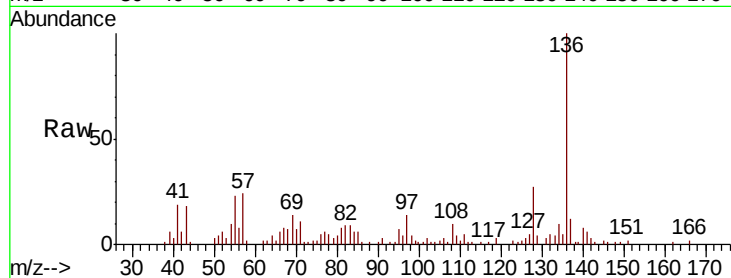
Tot Ion:128 Resp: 42188

Ion Ratio Lower Upper

128 100

129 13.9 8.8 13.2#

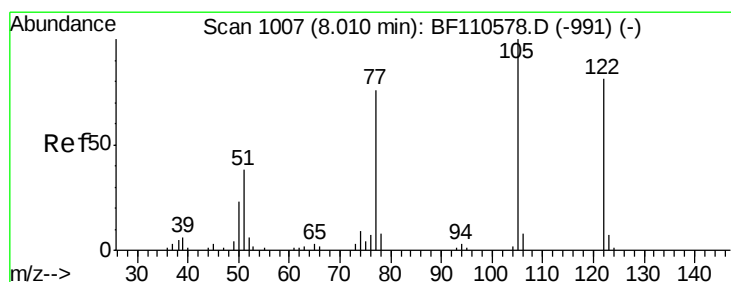
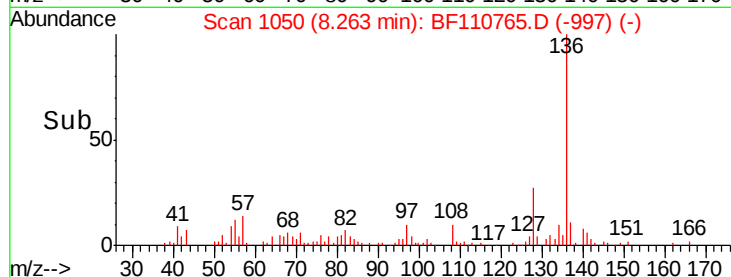
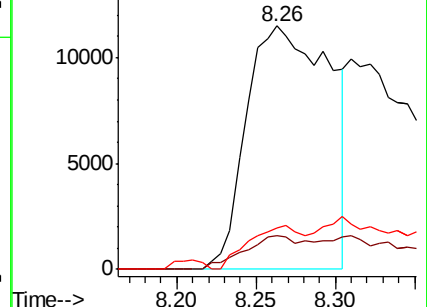
127 17.2 10.8 16.2#



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



#32

Benzoic acid

Concen: 22.104 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.21 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

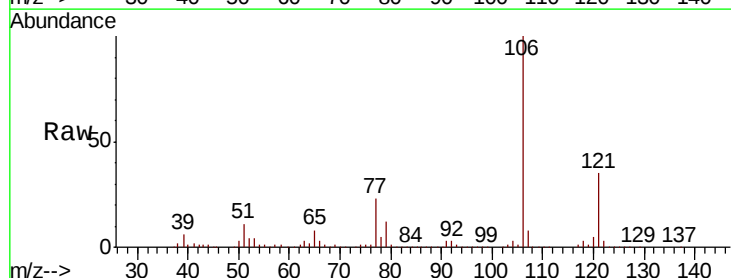
Tgt Ion:122 Resp: 79271

Ion Ratio Lower Upper

122 100

105 39.0 109.0 149.0#

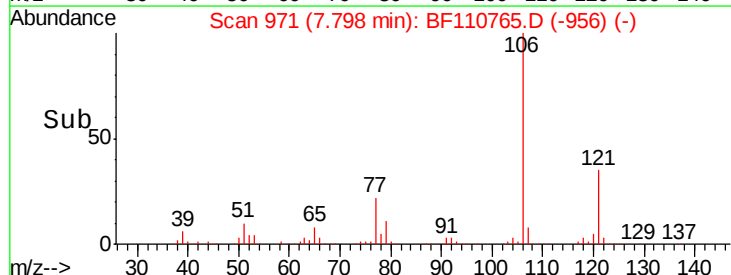
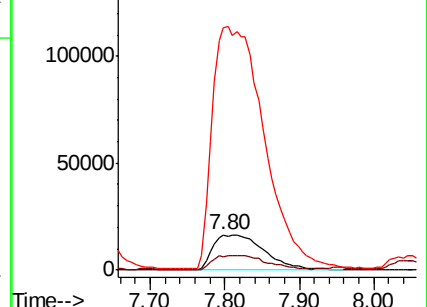
77 688.4 79.0 119.0#

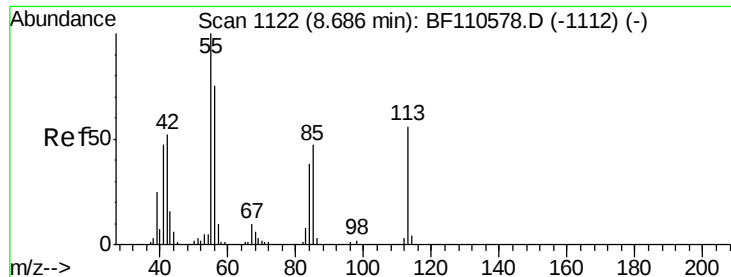


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

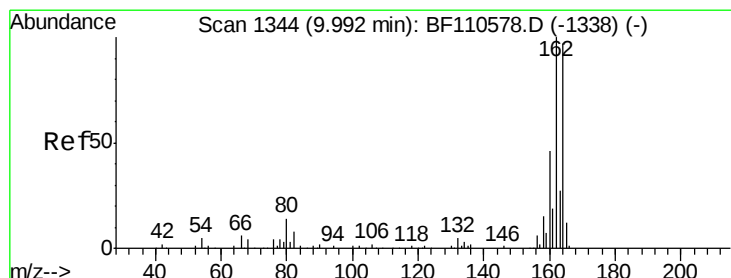
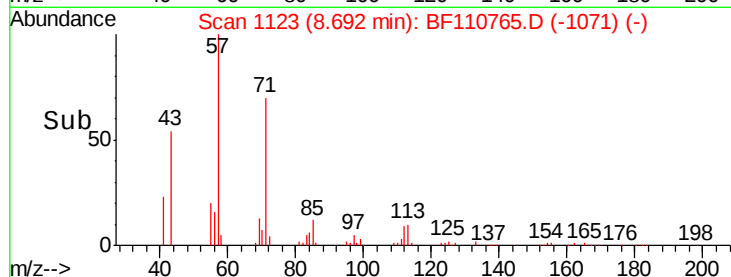
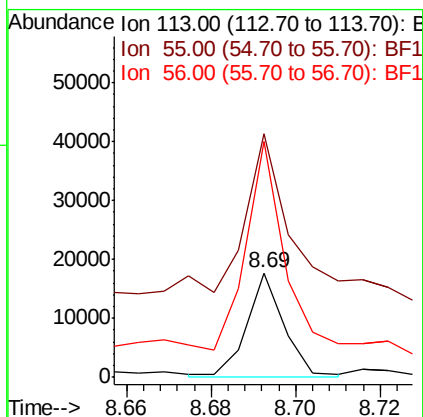
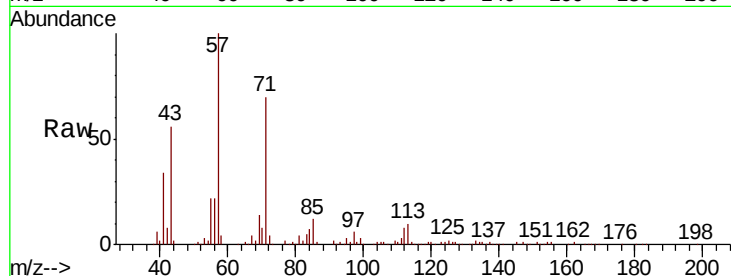




#35
 Caprolactam
 Concen: 6.314 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

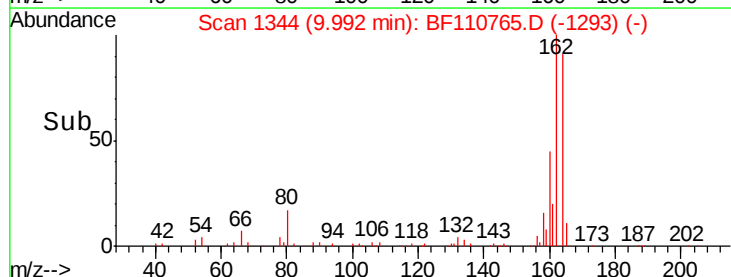
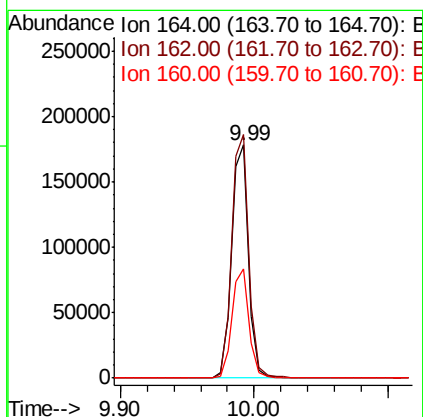
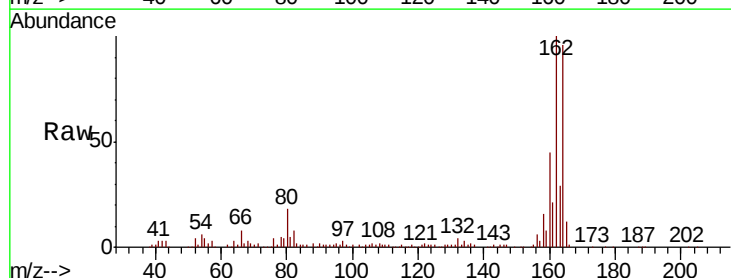
Instrument :
 BNA_F
 ClientSampled :

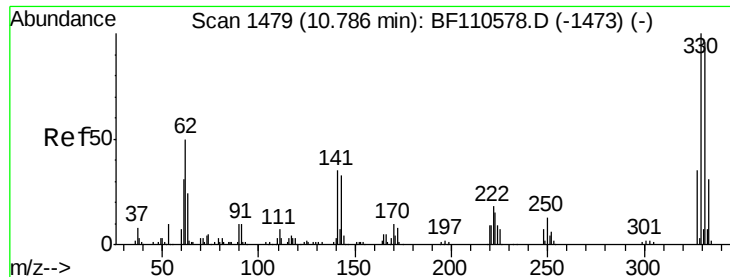
Tot Ion:113 Resp: 11001
 Ion Ratio Lower Upper
 113 100
 55 233.1 142.8 182.8#
 56 225.3 105.0 145.0#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

Tgt Ion:164 Resp: 158980
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.0 124.6
 160 47.1 37.0 55.6

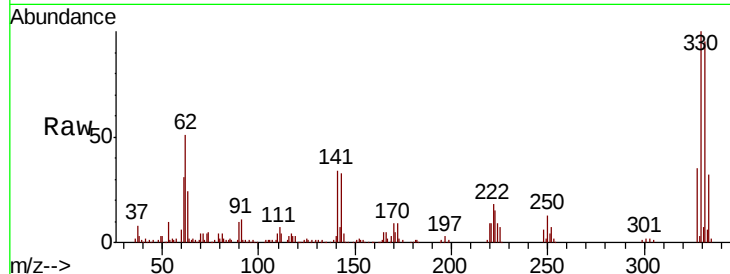




#42
 2,4,6-Tribromophenol
 Concen: 100.264 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	38.8	27.0	40.4

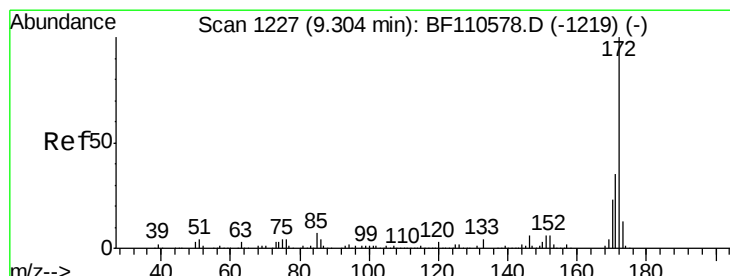
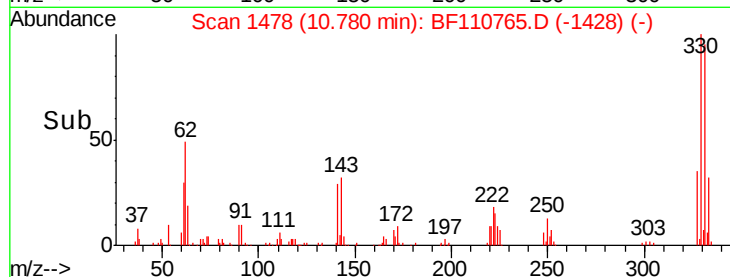
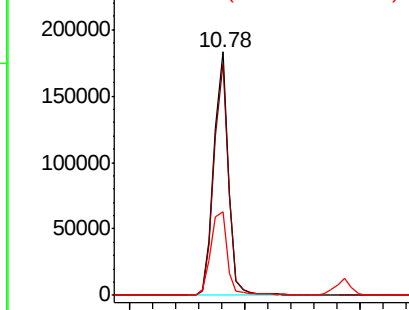


Abundance

Ion 329.80 (329.50 to 330.50): E

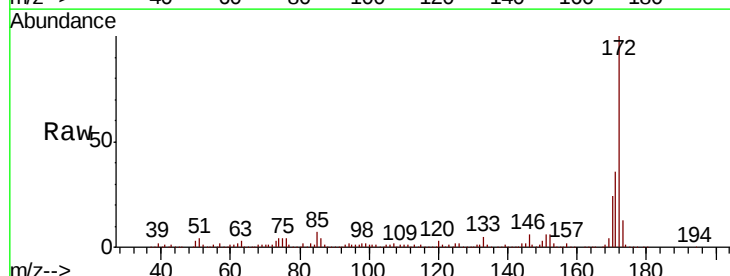
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.094 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.7	19.7	29.5

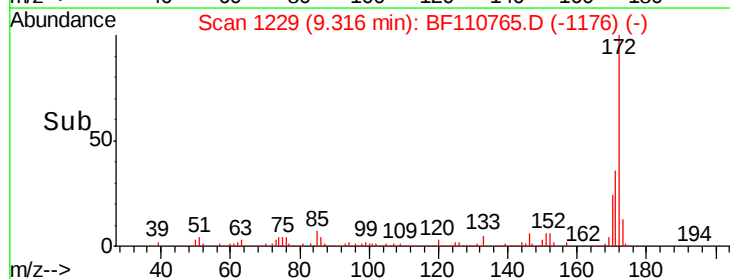
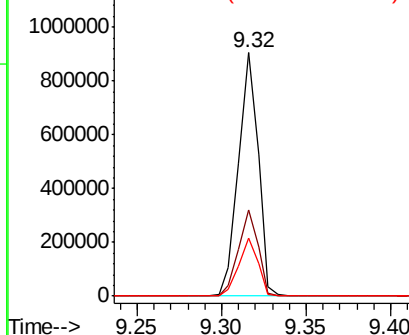


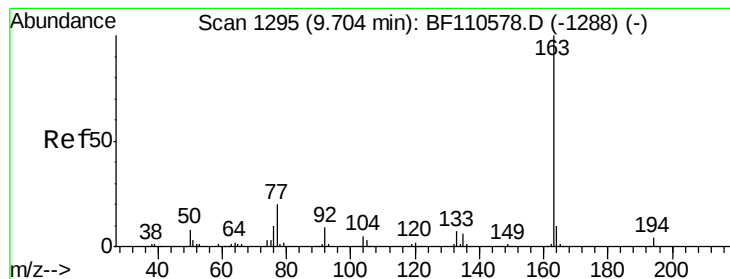
Abundance

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





#50

Dimethylphthalate

Concen: 6.316 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

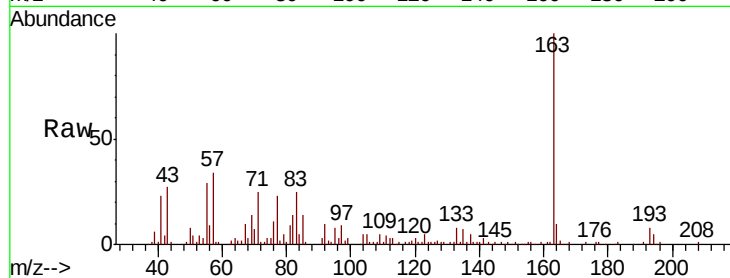
Tot Ion:163 Resp: 74921

Ion Ratio Lower Upper

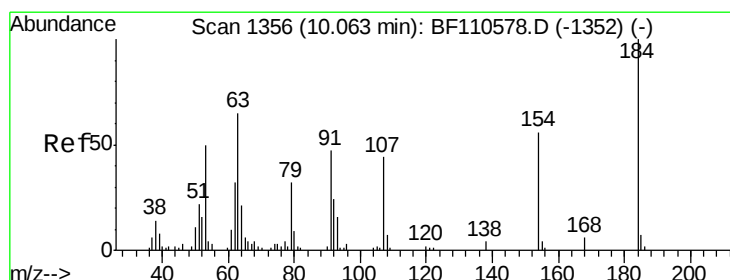
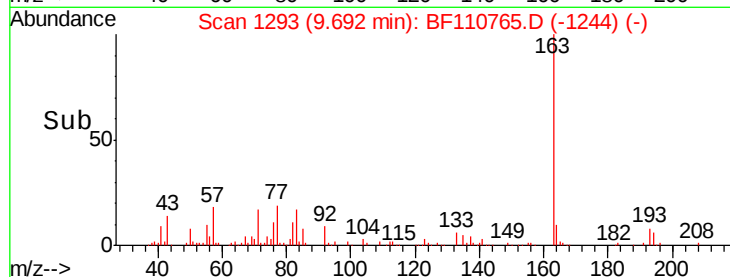
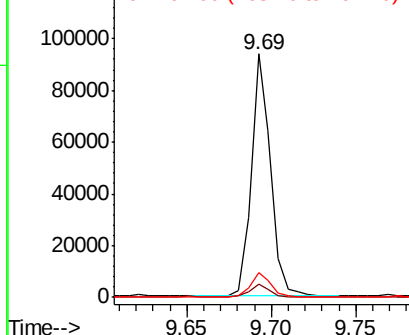
163 100

194 5.2 3.2 4.8#

164 10.1 8.1 12.1



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



#54

2,4-Dinitrophenol

Concen: 5.069 ng

RT: 10.27 min Scan# 1392

Delta R.T. 0.21 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

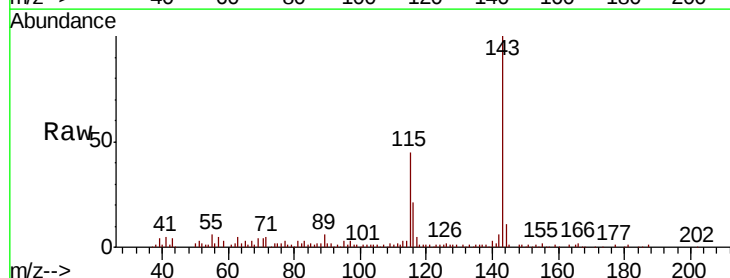
Tgt Ion:184 Resp: 406

Ion Ratio Lower Upper

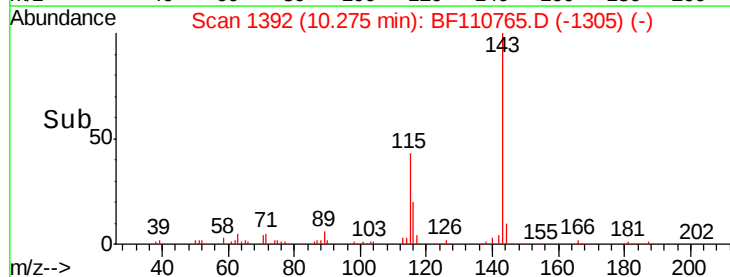
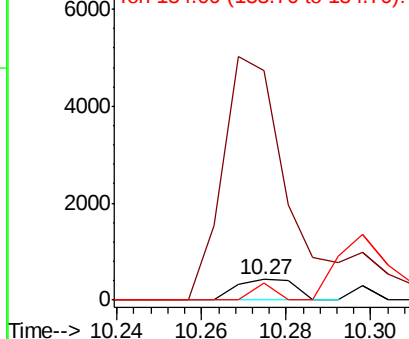
184 100

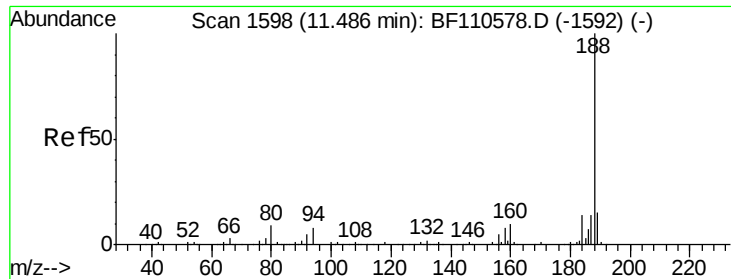
63 1100.9 55.8 83.6#

154 83.7 63.2 94.8



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

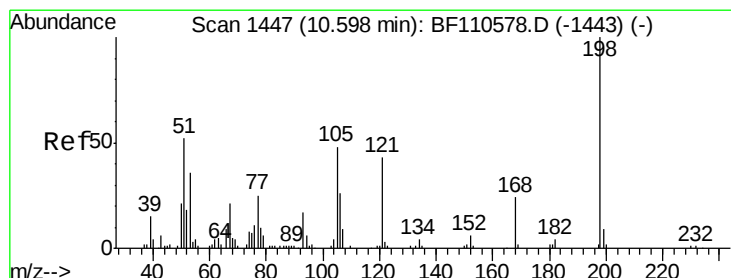
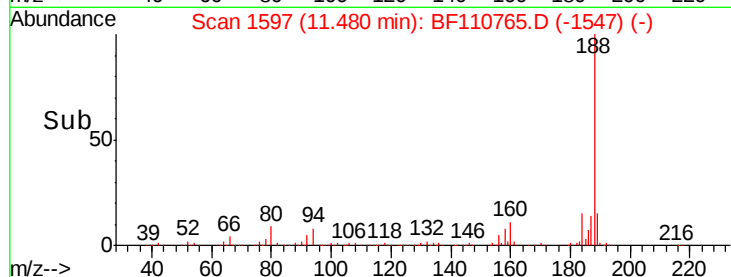
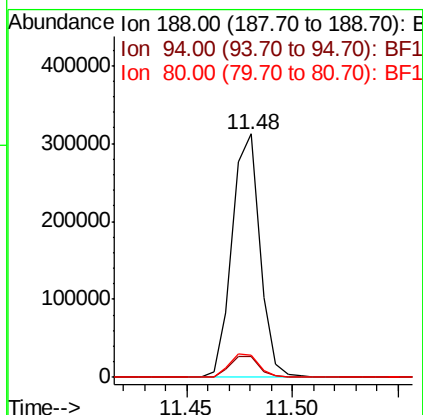
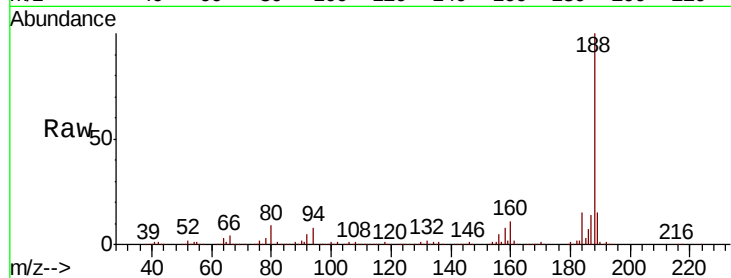




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

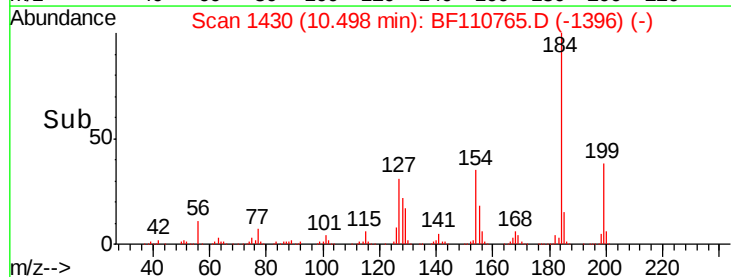
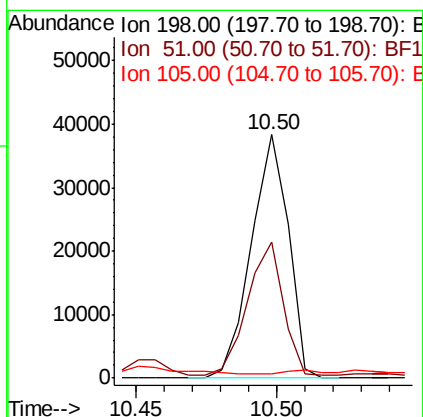
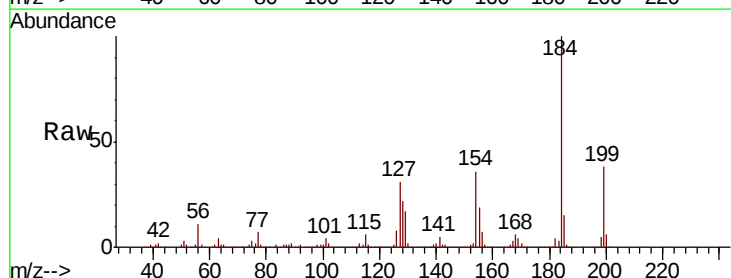
Instrument :
BNA_F
ClientSampleId :

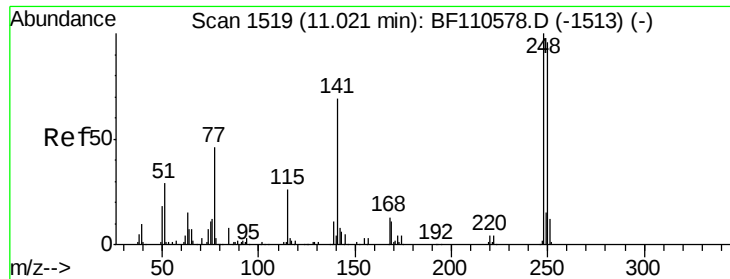
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	9.1	7.9	11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 24.323 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.10 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.7	22.8	62.8
105	1.7	23.6	63.6#

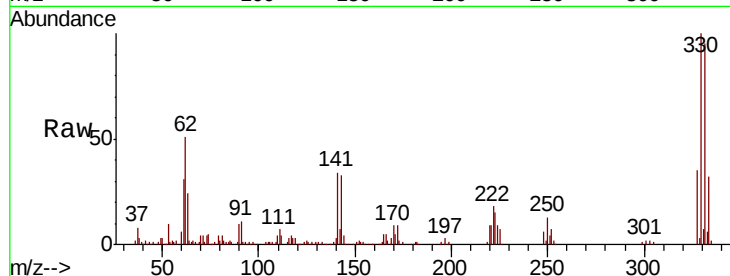




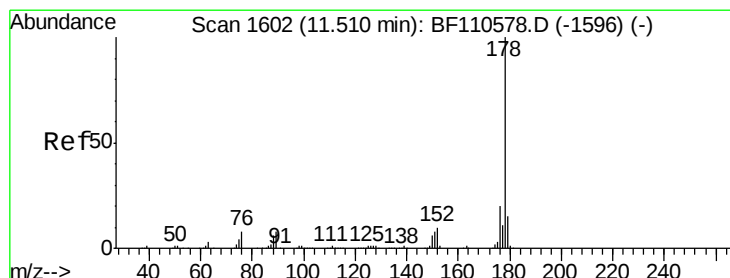
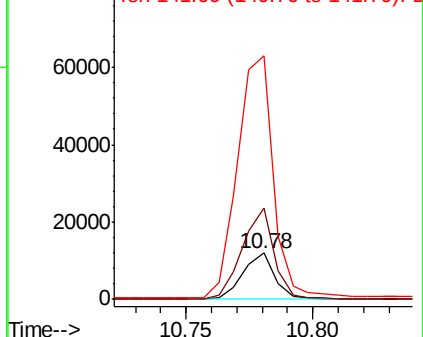
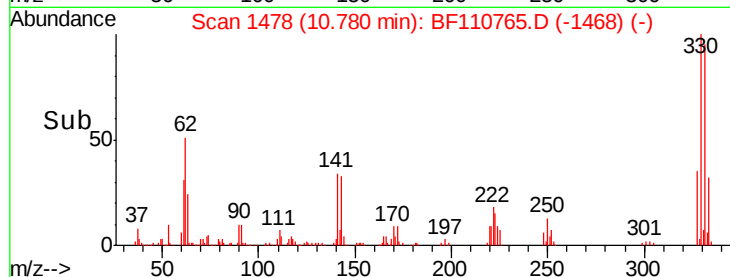
#67
4-Bromophenyl-phenylether
Concen: 3.301 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10393
Ion Ratio Lower Upper
248 100
250 198.6 79.4 119.2#
141 529.8 55.9 83.9#

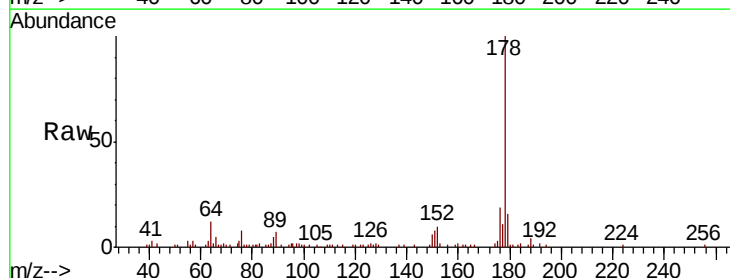


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

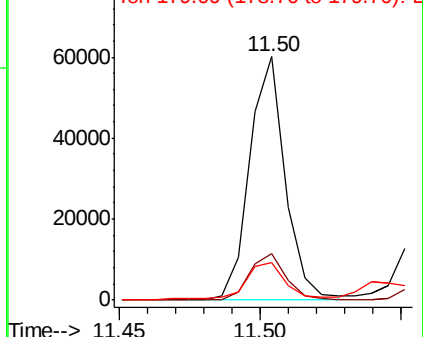
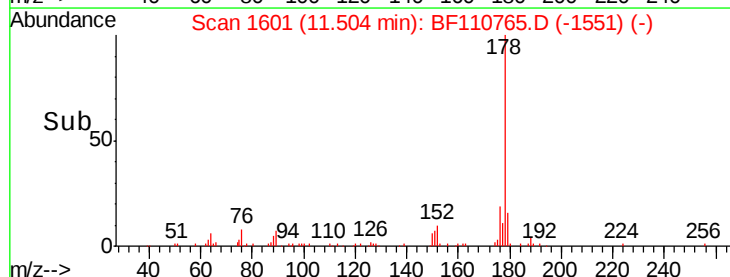


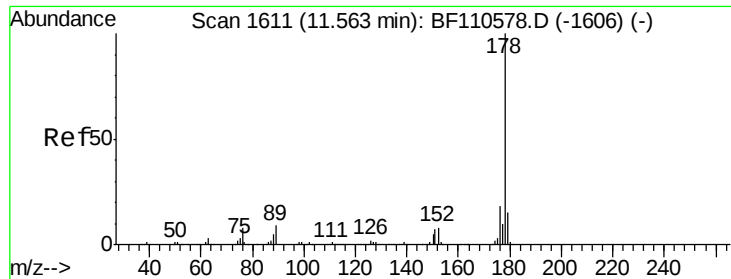
#71
Phenanthrene
Concen: 3.442 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion:178 Resp: 52543
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.7 12.5 18.7



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

Anthracene

Concen: 3.412 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

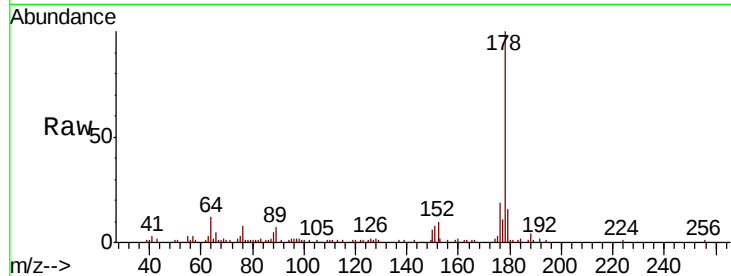
Tot Ion:178 Resp: 52543

Ion Ratio Lower Upper

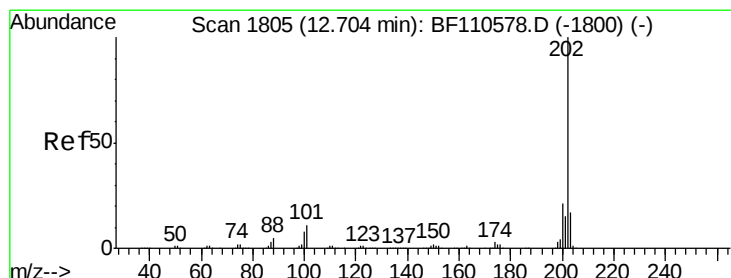
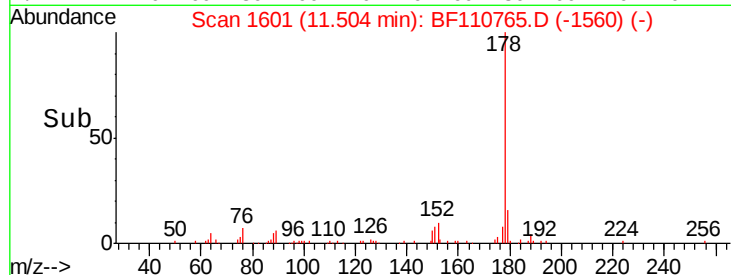
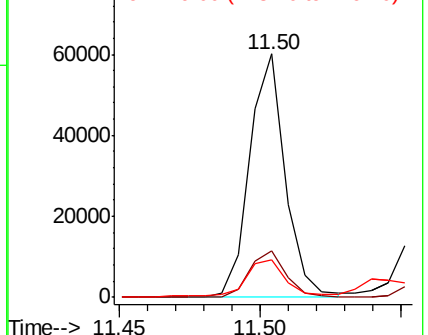
178 100

176 19.2 15.4 23.2

179 15.7 12.6 18.8



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



#75

Fluoranthene

Concen: 4.378 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

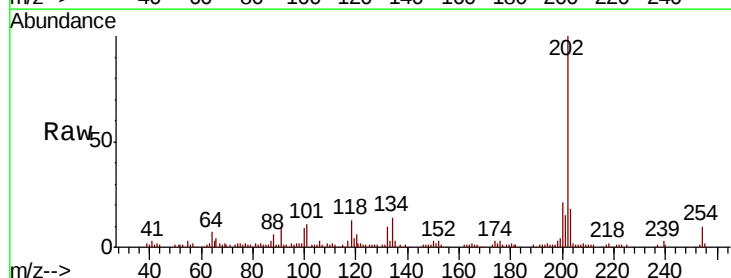
Tgt Ion:202 Resp: 66996

Ion Ratio Lower Upper

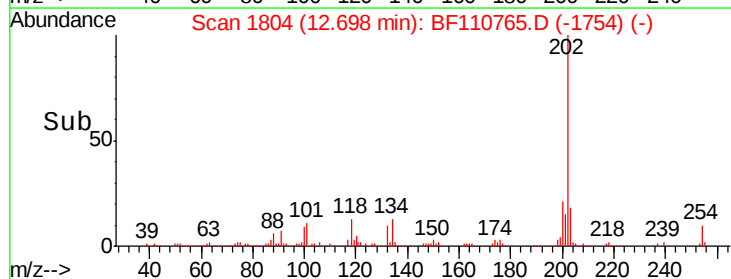
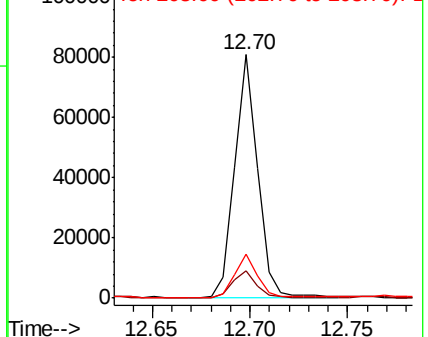
202 100

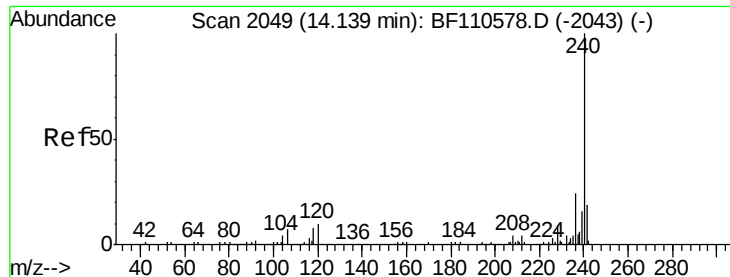
101 11.1 0.0 31.4

203 17.9 0.0 37.7



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

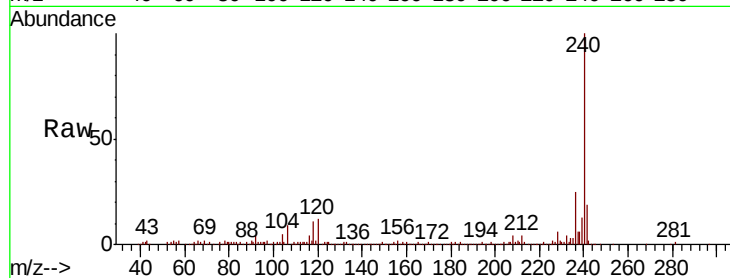




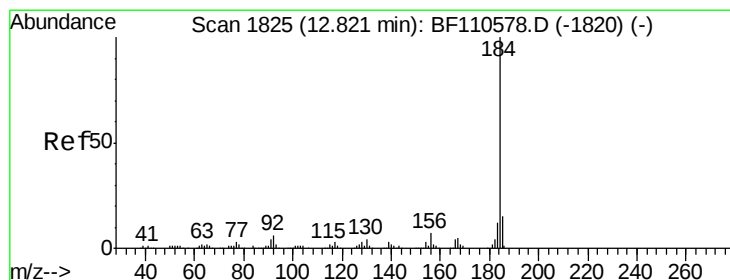
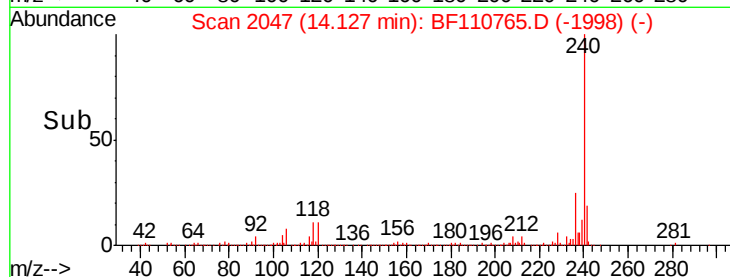
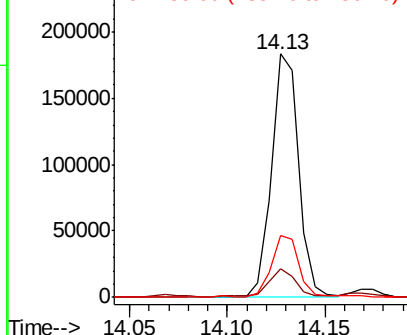
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 176276
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 25.3 21.2 31.8

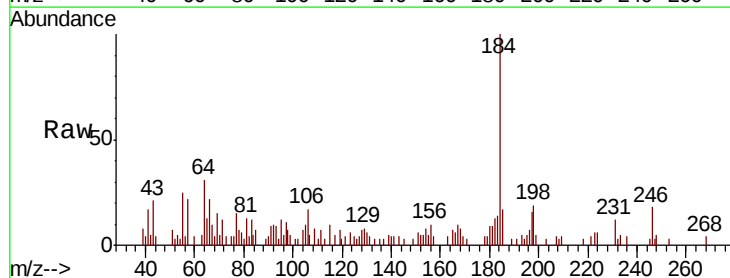


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

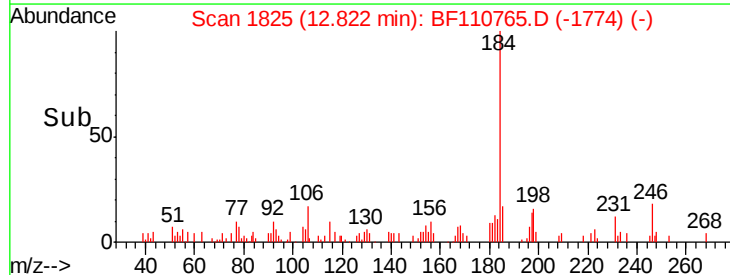
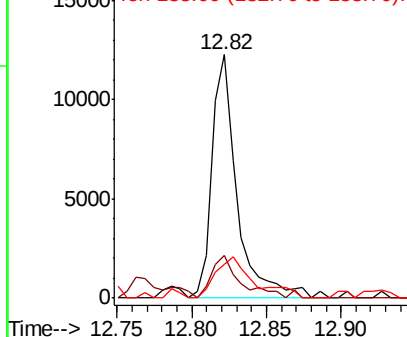


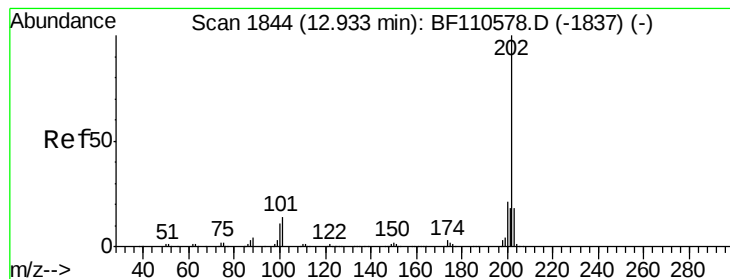
#77
Benzidine
Concen: 2.962 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion:184 Resp: 14359
Ion Ratio Lower Upper
184 100
185 17.3 13.4 20.2
183 13.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 4.180 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

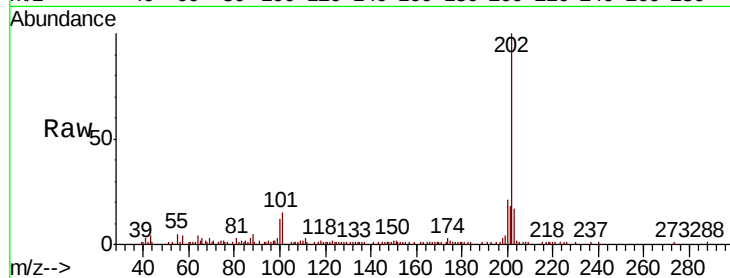
Tot Ion:202 Resp: 56733

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

203 17.0 14.2 21.4

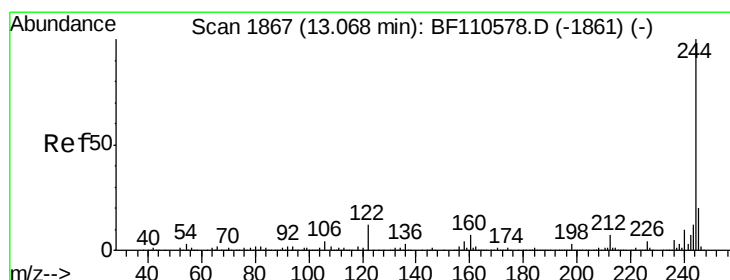
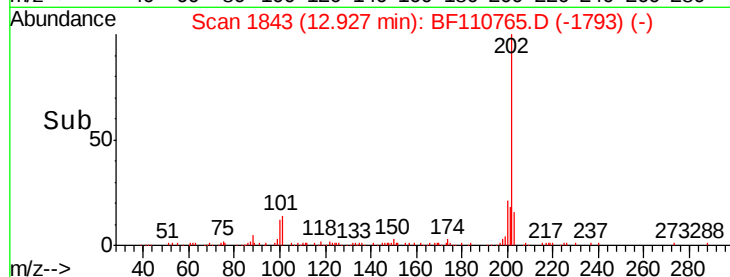
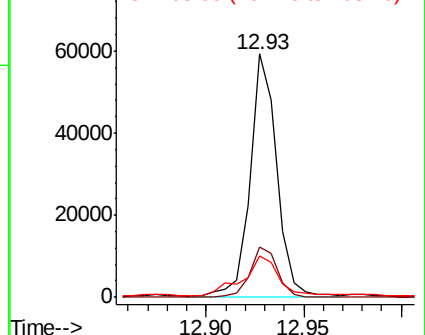


Abundance

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



#79

Terphenyl-d14

Concen: 62.999 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

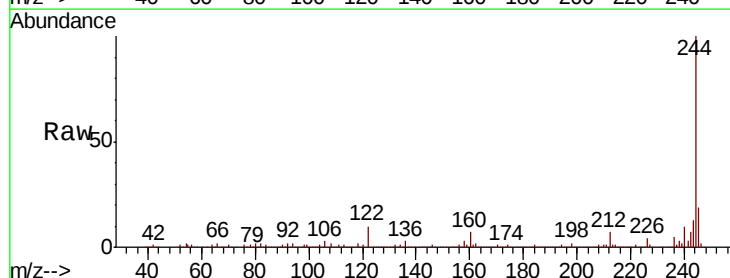
Tgt Ion:244 Resp: 592981

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 10.2 8.7 13.1

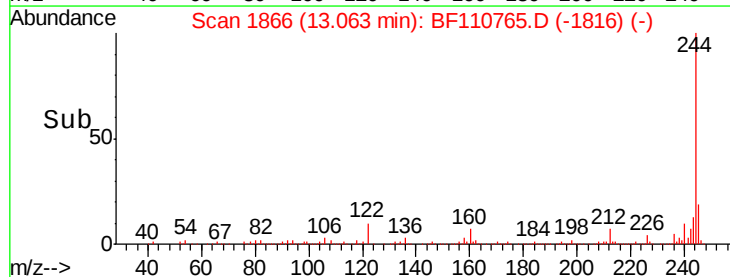
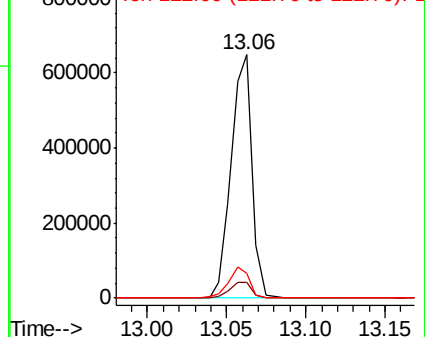


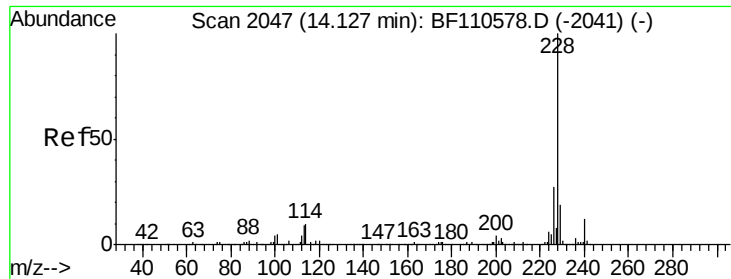
Abundance

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





#81

Benzo(a)anthracene

Concen: 2.586 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

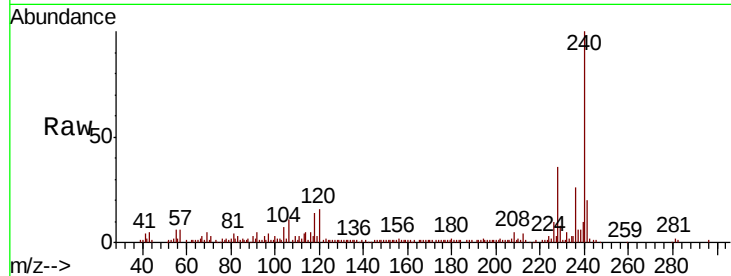
Tot Ion:228 Resp: 27244

Ion Ratio Lower Upper

228 100

226 28.9 22.1 33.1

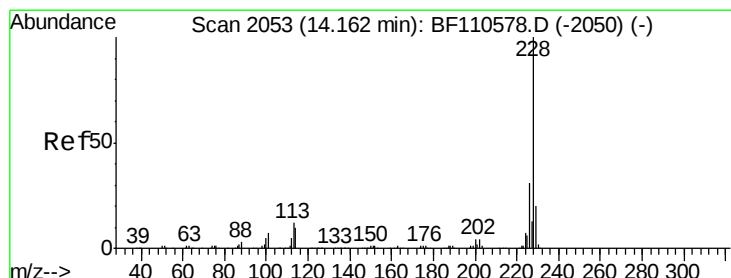
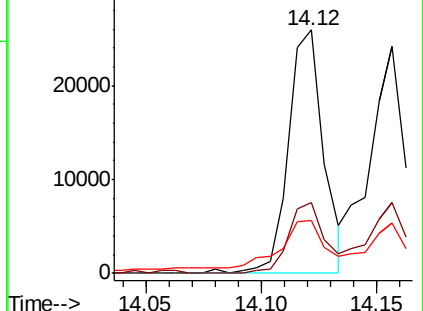
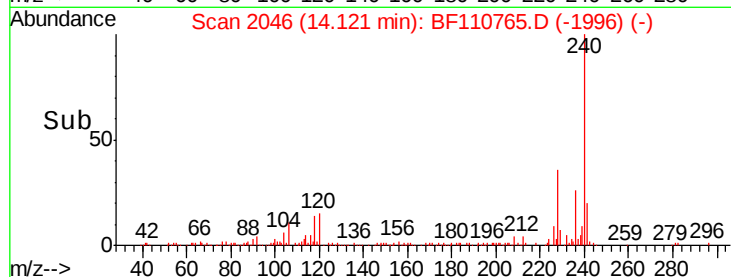
229 21.9 15.6 23.4



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



#83

Chrysene

Concen: 2.685 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

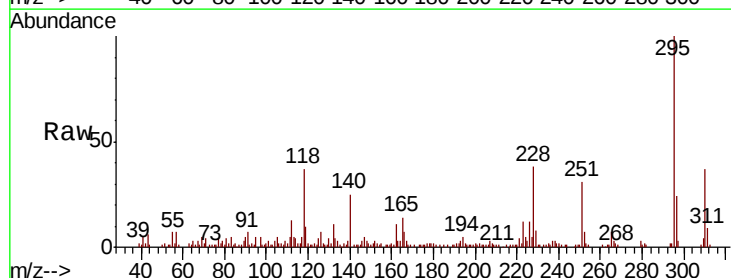
Tgt Ion:228 Resp: 26951

Ion Ratio Lower Upper

228 100

226 31.2 24.7 37.1

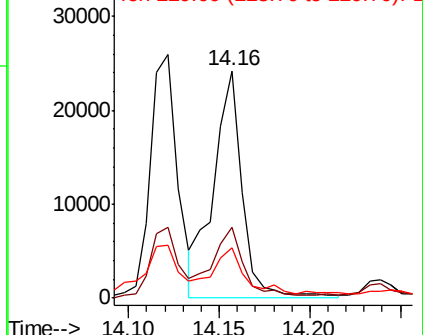
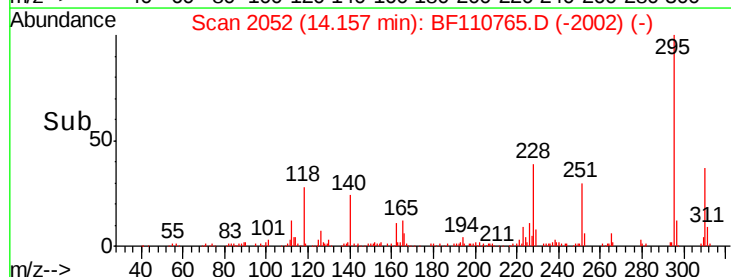
229 22.0 15.9 23.9

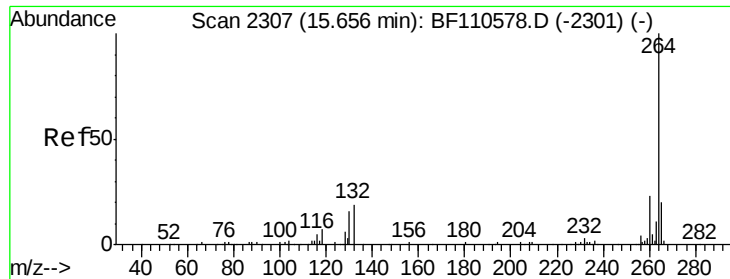


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



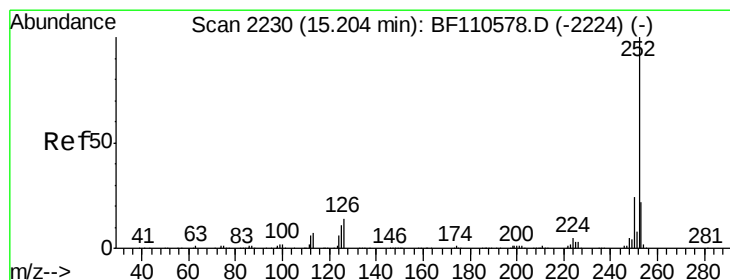
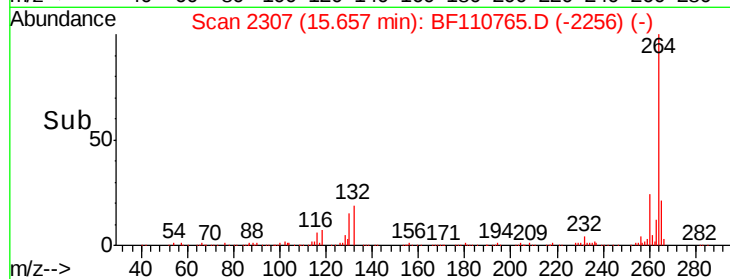
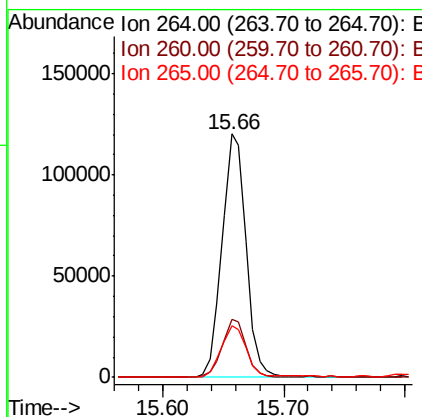
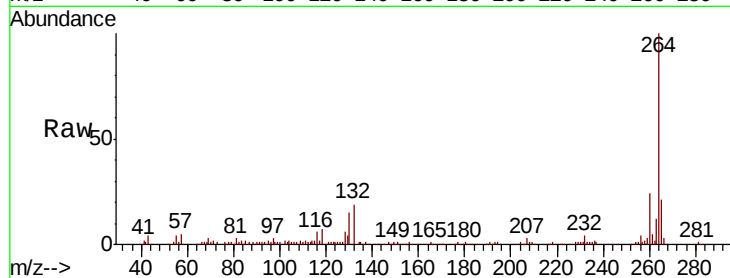


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 166310

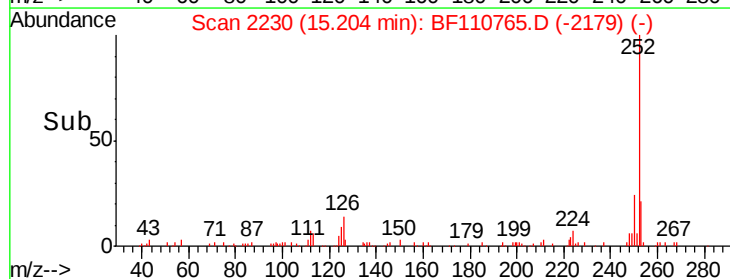
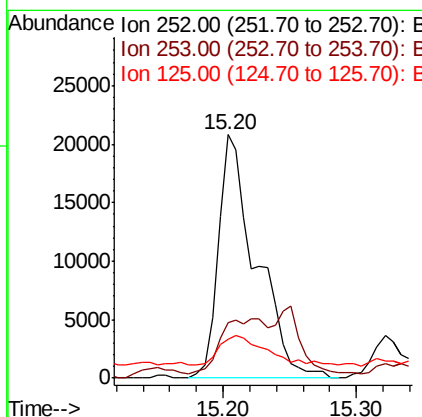
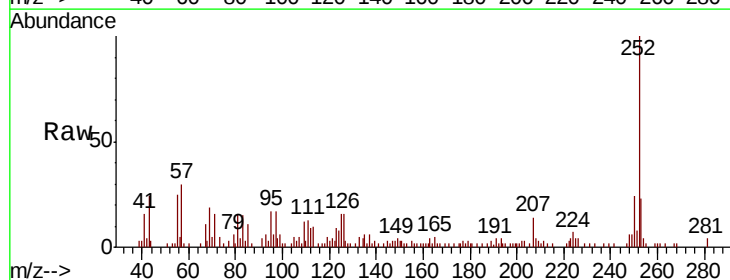
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	16.7	25.1

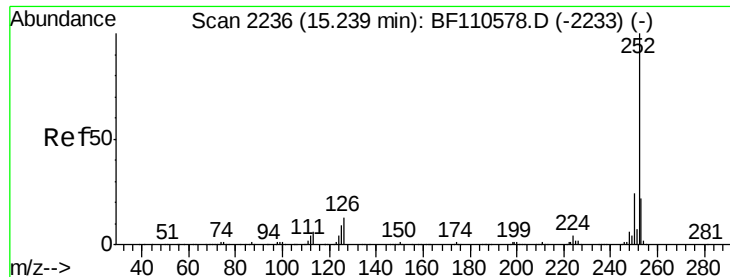


#88
Benzo(b)fluoranthene
Concen: 4.111 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion:252 Resp: 40899

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.9	8.2	12.4#

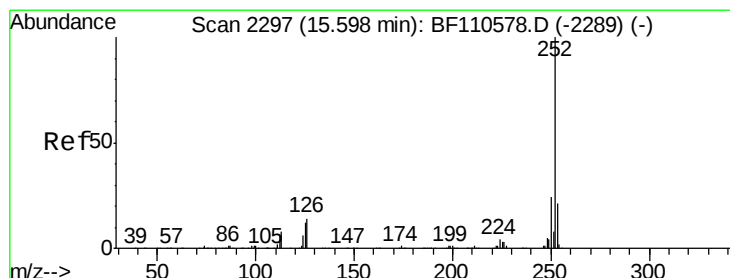
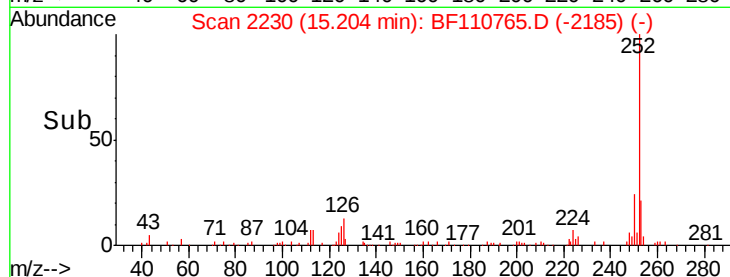
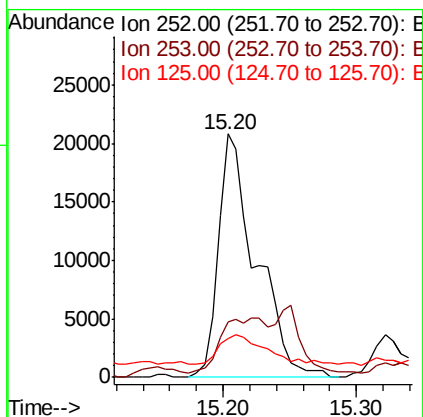
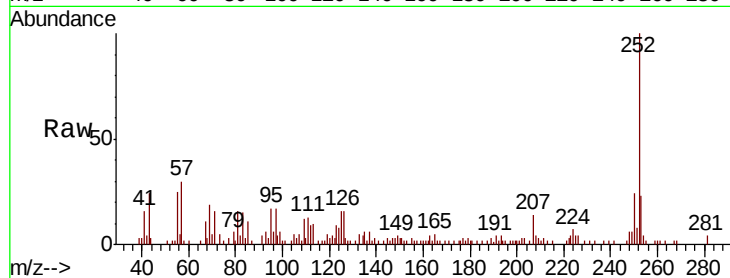




#89
Benzo(k)fluoranthene
Concen: 4.160 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 40899
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 15.9 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 2.562 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion:252 Resp: 23155
Ion Ratio Lower Upper
252 100
253 60.6 18.2 27.4#
125 17.6 9.0 13.6#

