

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110769.D
 Acq On : 14 Nov 2018 17:28
 Operator : JU/SJ
 Sample : J5889-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

Quant Time: Nov 15 04:36:28 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	75309	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	310782	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	143650	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	240496	20.00	ng	0.00
76) Chrysene-d12	14.13	240	154414	20.00	ng	-0.01
87) Perylene-d12	15.66	264	140846	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	544768	117.50	ng	0.00
7) Phenol-d6	6.57	99	696074	117.41	ng	0.00
23) Nitrobenzene-d5	7.51	82	438167	81.19	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	154076	106.45	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	833502	82.87	ng	0.00
79) Terphenyl-d14	13.06	244	619006	75.07	ng	0.00

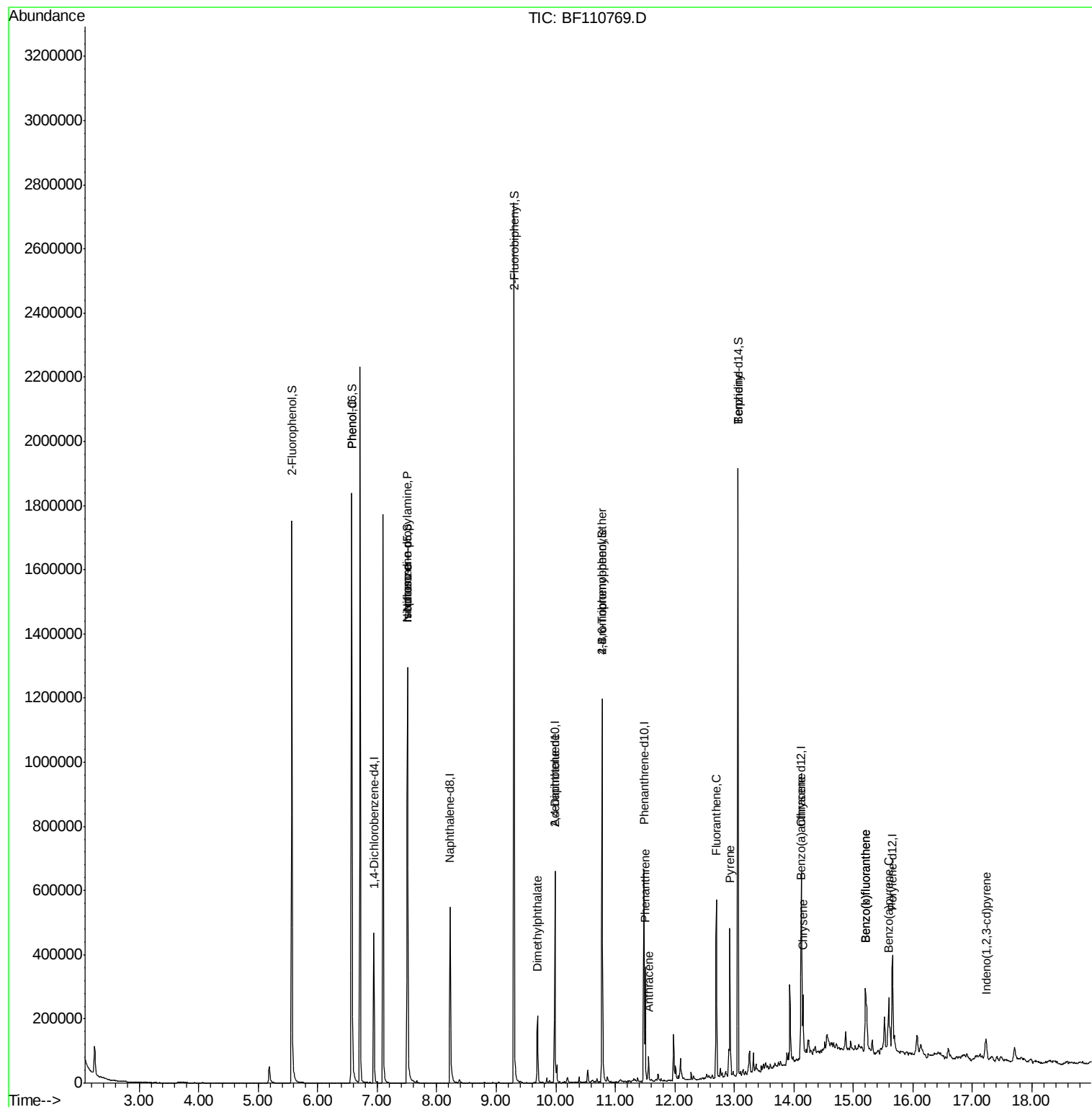
Target Compounds				Qvalue		
9) Benzaldehyde	6.57	77	1382	Below Cal	#	1
10) Phenol	6.58	94	40757	5.929 ng	#	77
19) n-Nitroso-di-n-propylamine	7.51	70	57751	15.260 ng	#	79
25) Isophorone	7.51	82	438167	49.539 ng	#	67
50) Dimethylphthalate	9.69	163	94822	8.846 ng		100
57) 2,4-Dinitrotoluene	9.98	165	17629	5.750 ng	#	18
67) 4-Bromophenyl-phenylether	10.78	248	10226	3.847 ng	#	1
71) Phenanthrene	11.50	178	135613	10.525 ng		99
72) Anthracene	11.56	178	32060	2.467 ng		97
75) Fluoranthene	12.70	202	214872	16.634 ng		98
77) Benzidine	13.06	184	8523	2.007 ng		94
78) Pyrene	12.93	202	186550	15.690 ng		98
81) Benzo(a)anthracene	14.12	228	86949	9.421 ng		98
83) Chrysene	14.16	228	78181	8.891 ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	39851	6.316 ng		96
88) Benzo(b)fluoranthene	15.20	252	140897	16.722 ng	#	96
89) Benzo(k)fluoranthene	15.20	252	140897	16.923 ng	#	95
90) Benzo(a)pyrene	15.59	252	77630	10.140 ng		98

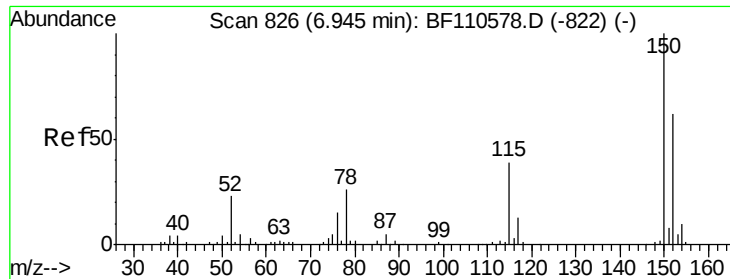
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
Data File : BF110769.D
Acq On : 14 Nov 2018 17:28
Operator : JU/SJ
Sample : J5889-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WALL-A

Quant Time: Nov 15 04:36:28 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



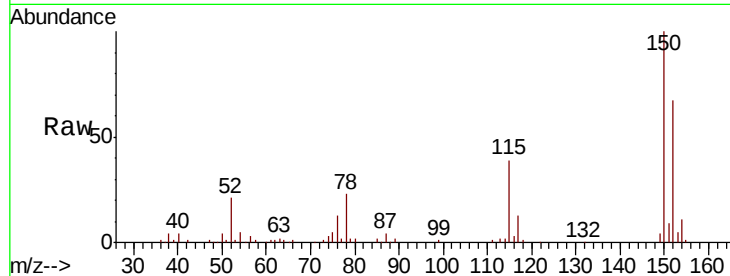


#1

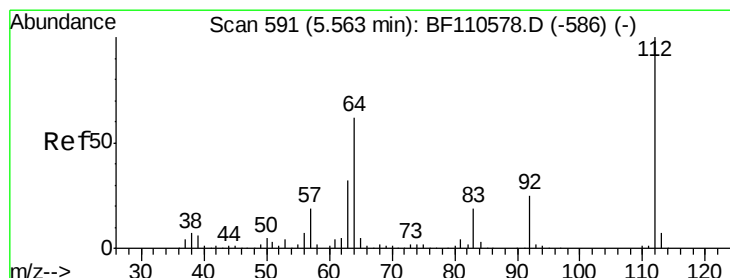
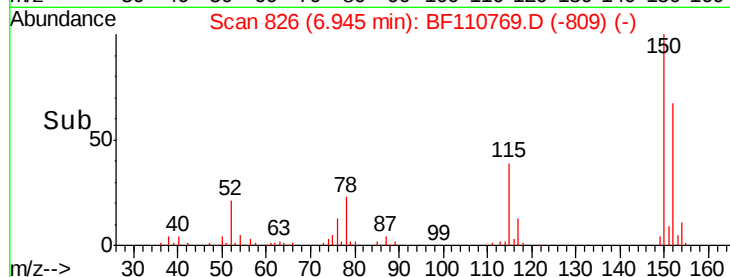
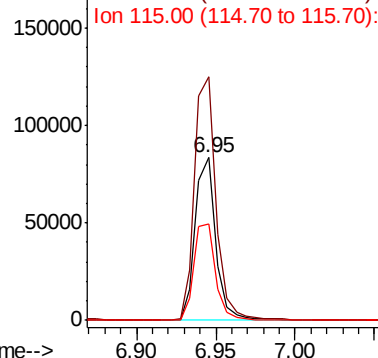
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :
WALL-A

Tgt Ion:152 Resp: 75309
Ion Ratio Lower Upper
152 100
150 149.9 122.7 184.1
115 59.0 49.1 73.7



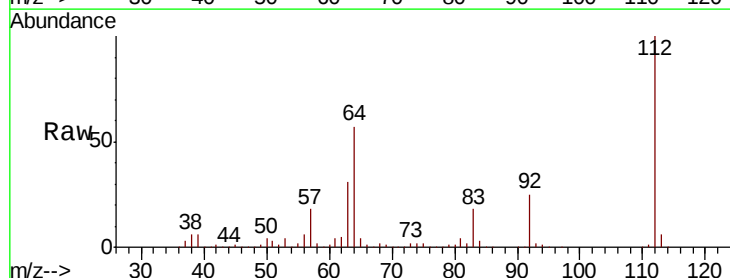
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



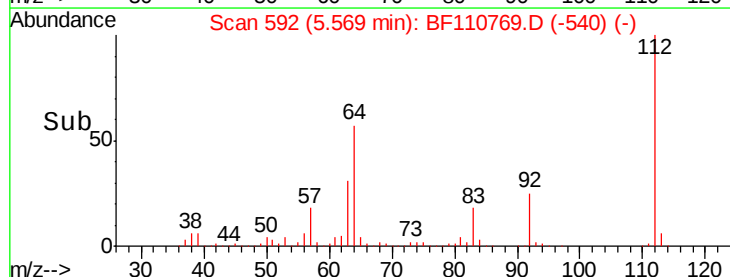
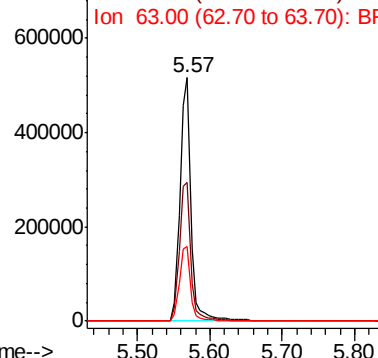
#5

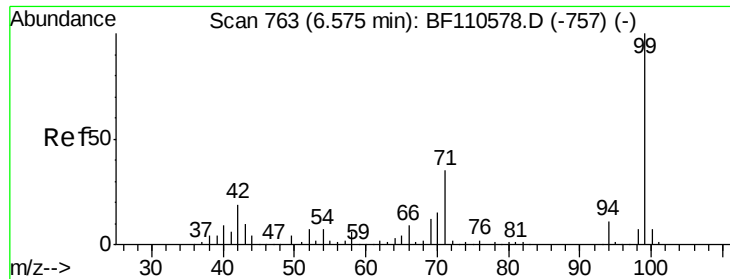
2-Fluorophenol
Concen: 117.499 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

Tgt Ion:112 Resp: 544768
Ion Ratio Lower Upper
112 100
64 57.1 44.1 66.1
63 30.6 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: 117.406 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

WALL-A

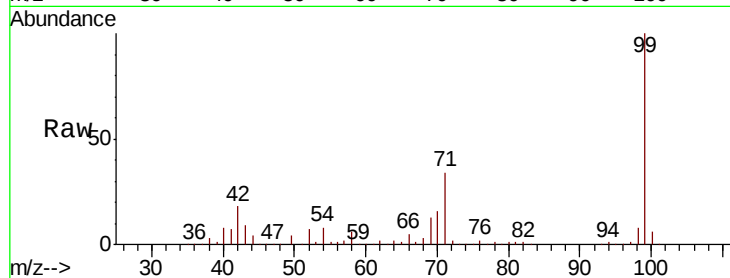
Tgt Ion: 99 Resp: 696074

Ion Ratio Lower Upper

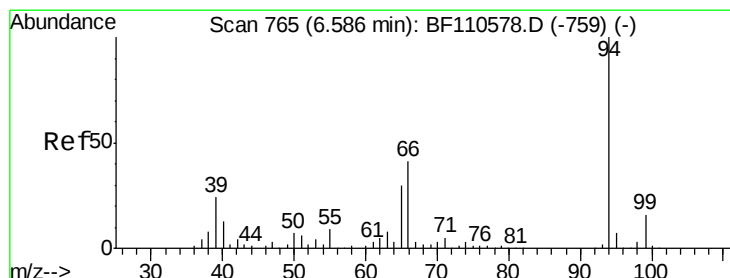
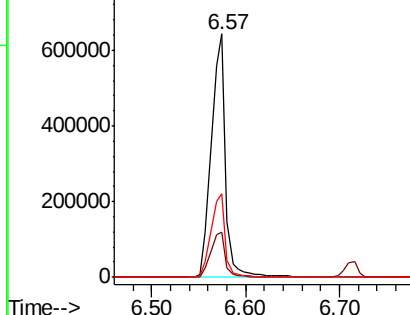
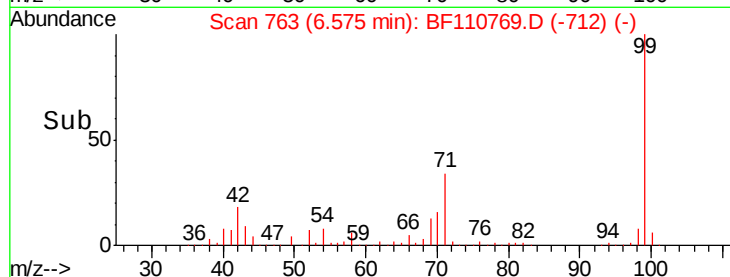
99 100

42 18.4 15.8 23.6

71 34.2 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: 5.929 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

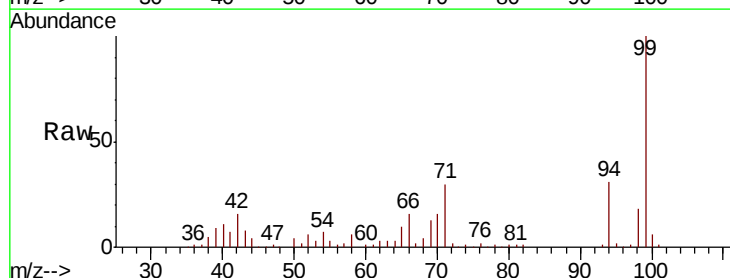
Tgt Ion: 94 Resp: 40757

Ion Ratio Lower Upper

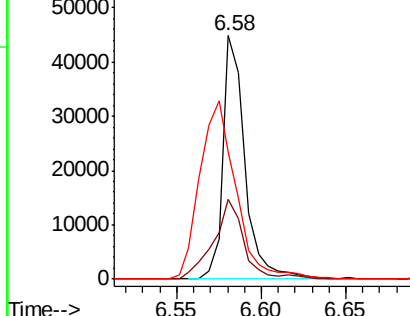
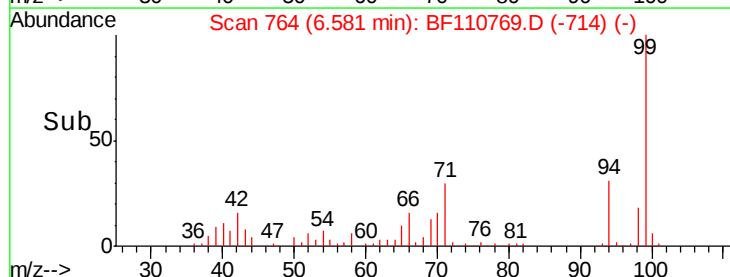
94 100

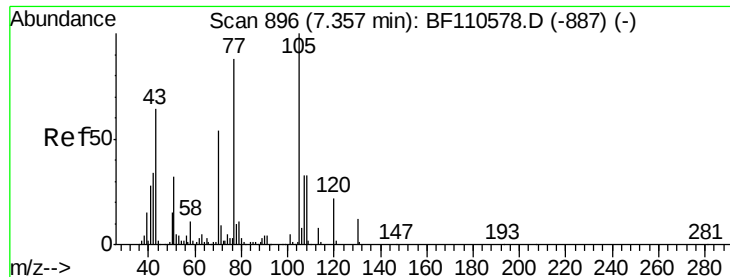
65 32.9 25.3 65.3

66 52.2 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

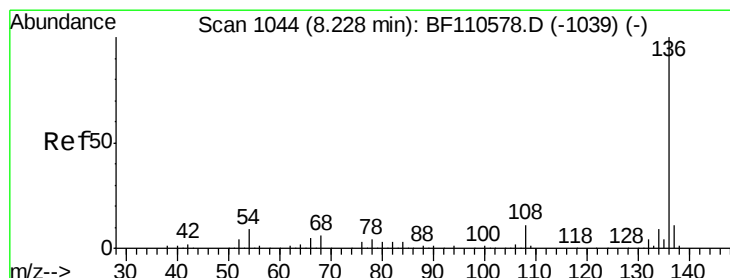
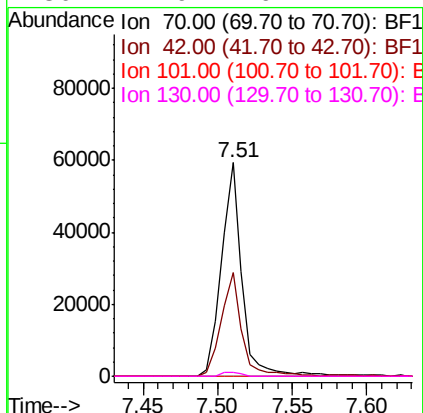
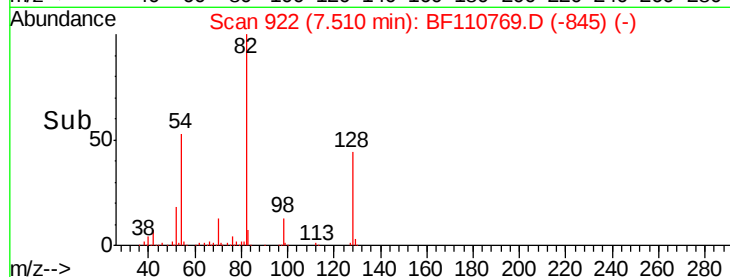
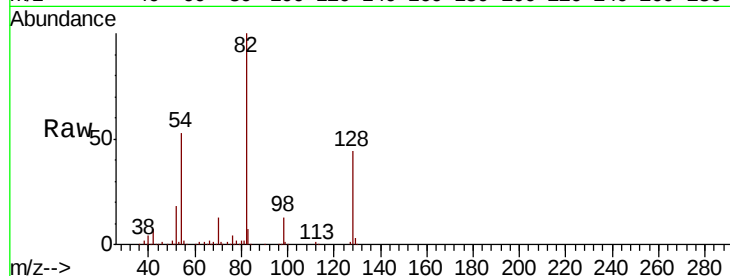




#19
n-Nitroso-di-n-propylamine
Concen: 15.260 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

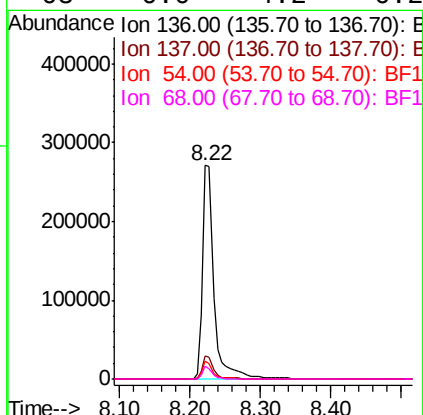
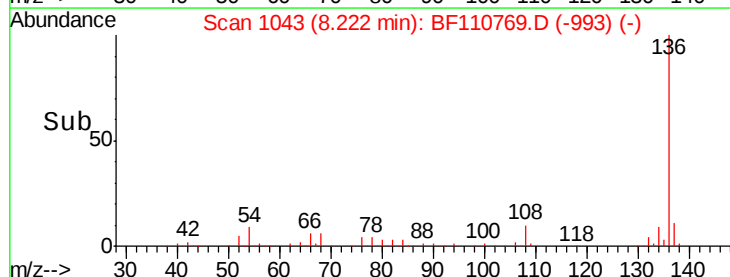
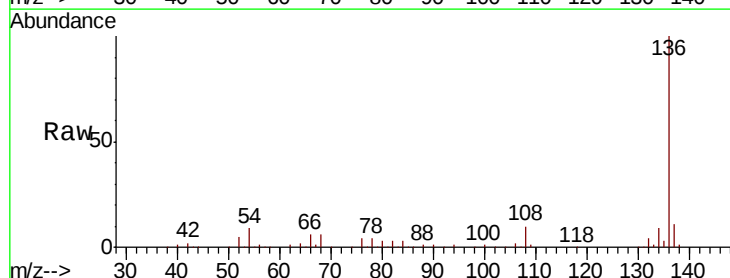
Instrument :
BNA_F
ClientSampleId :
WALL-A

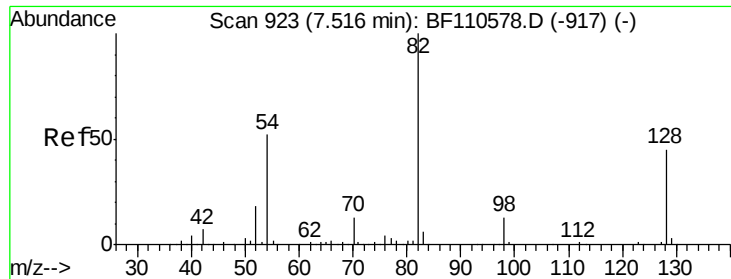
Tgt Ion: 70 Resp: 57751
Ion Ratio Lower Upper
70 100
42 48.7 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

Tgt Ion: 136 Resp: 310782
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 5.4 8.2#
68 6.0 4.2 6.2

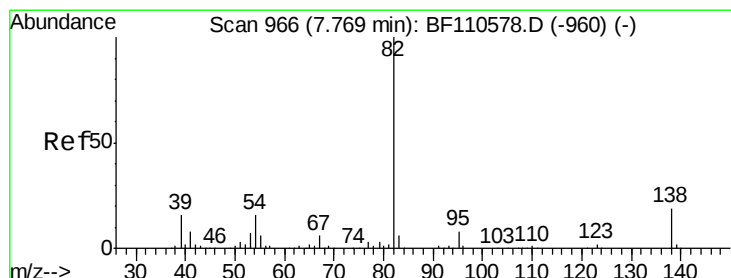
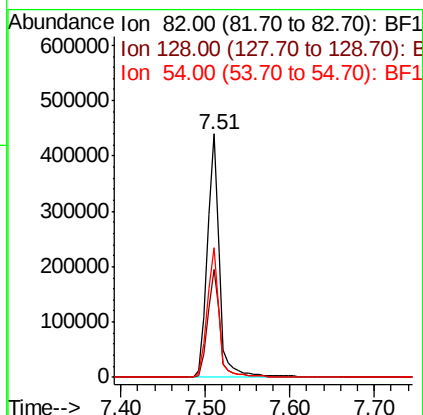
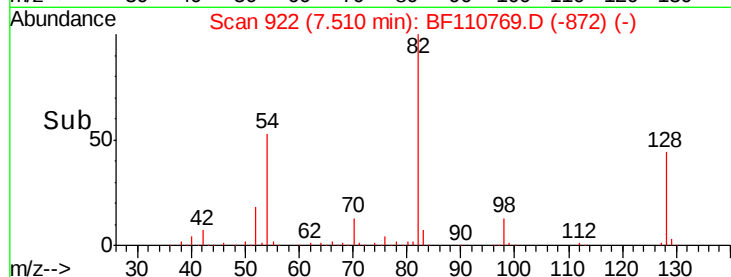
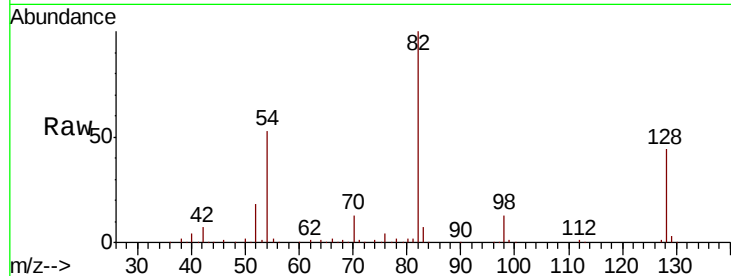




#23
 Nitrobenzene-d5
 Concen: 81.195 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

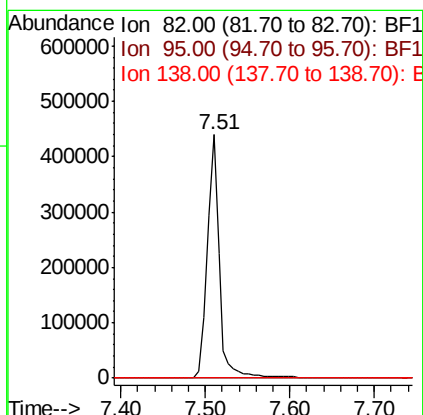
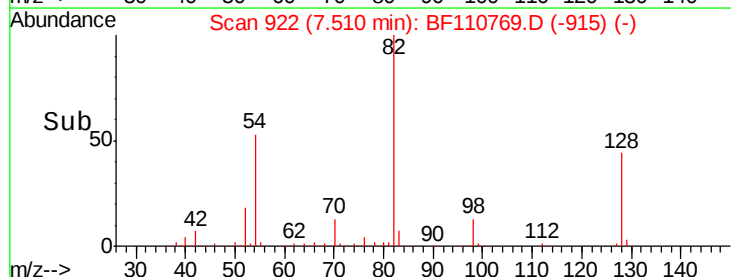
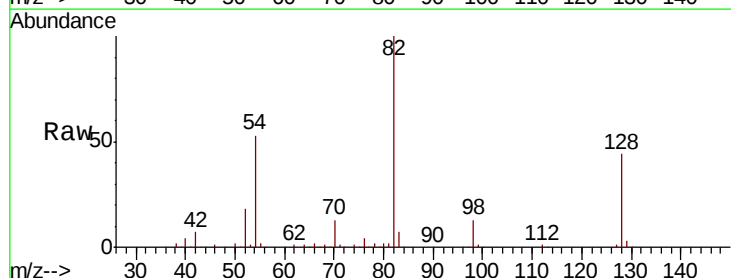
Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

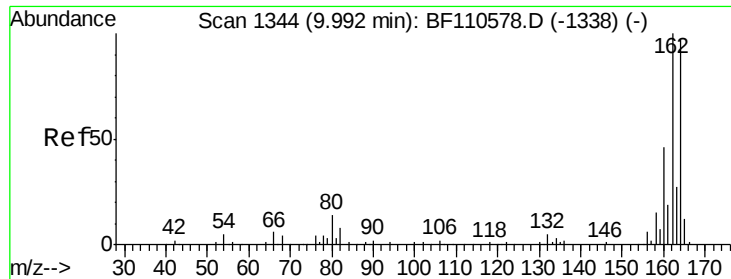
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	53.1	38.6	58.0



#25
 Isophorone
 Concen: 49.539 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

WALL-A

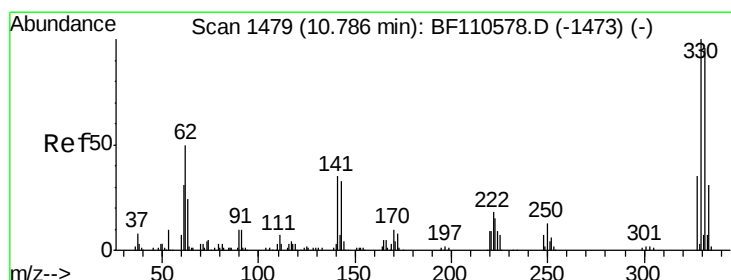
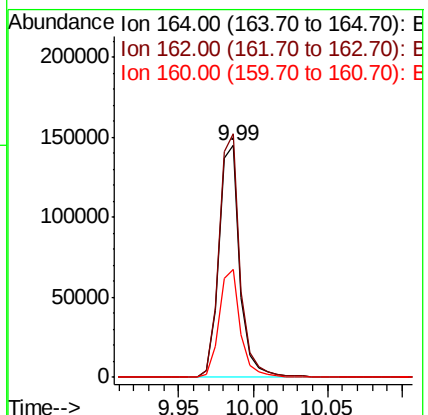
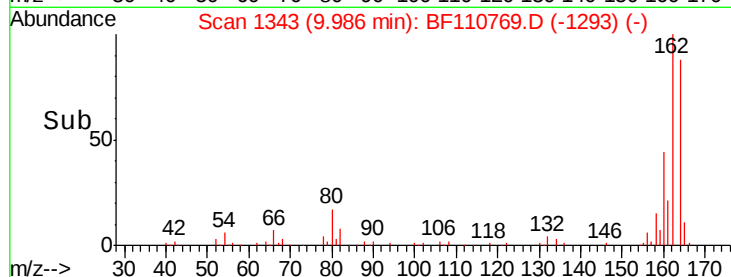
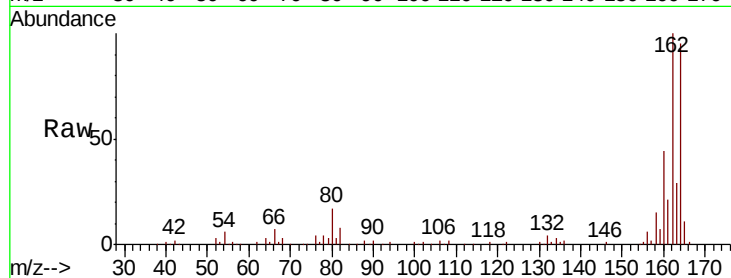
Tgt Ion:164 Resp: 143650

Ion Ratio Lower Upper

164 100

162 105.2 83.0 124.6

160 46.7 37.0 55.6



#42

2,4,6-Tribromophenol

Concen: 106.446 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

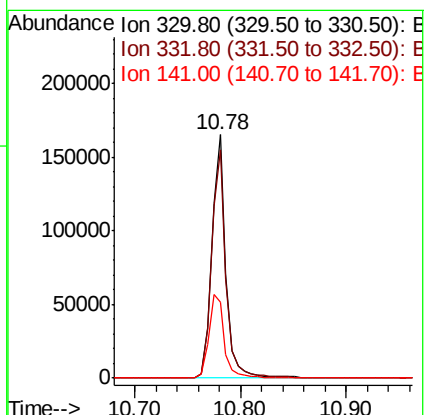
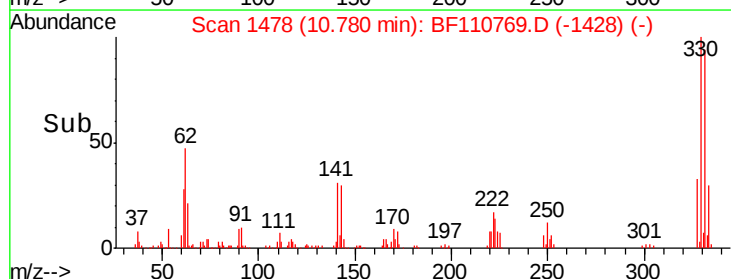
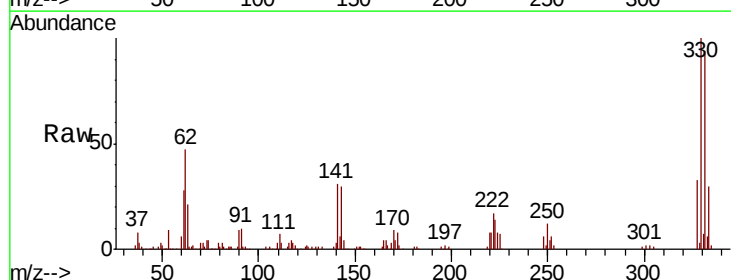
Tgt Ion:330 Resp: 154076

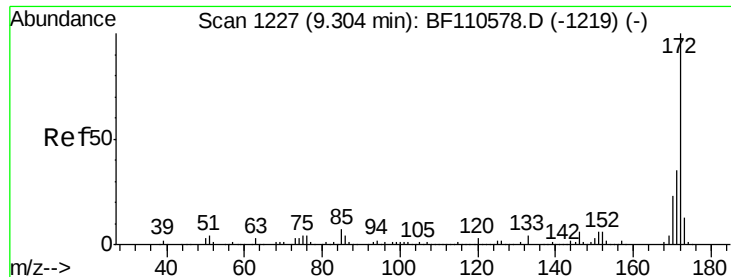
Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

141 37.7 27.0 40.4

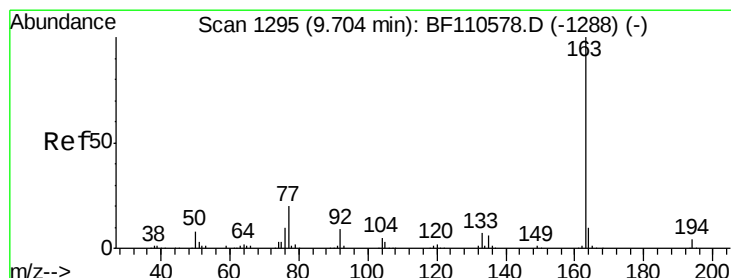
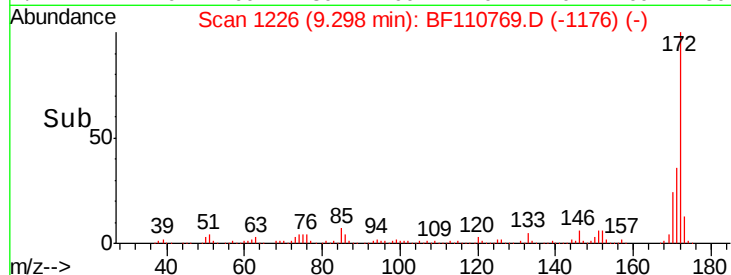
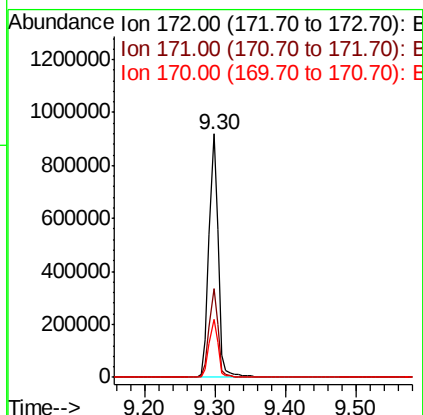
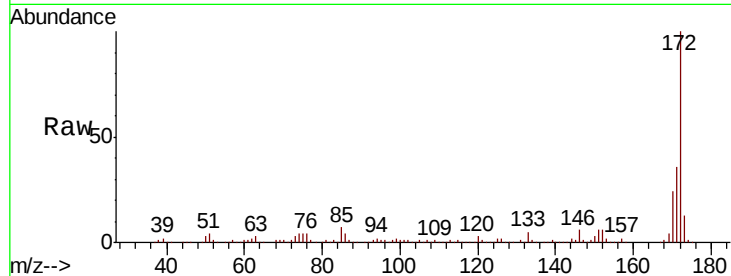




#45
 2-Fluorobiphenyl
 Concen: 82.868 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

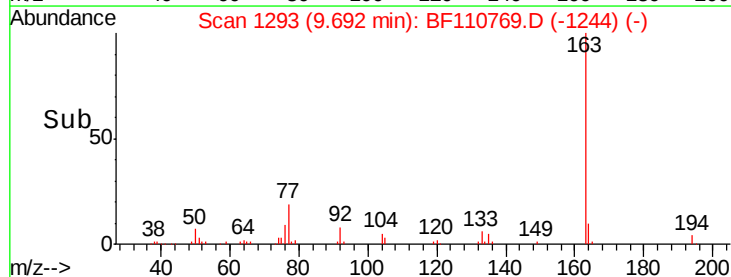
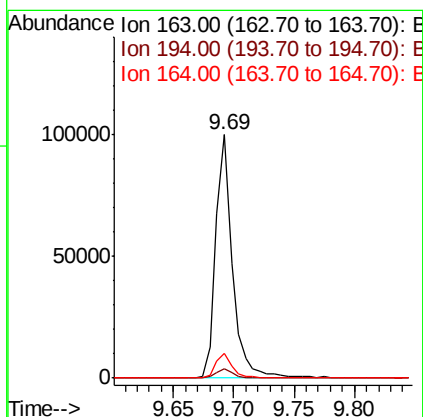
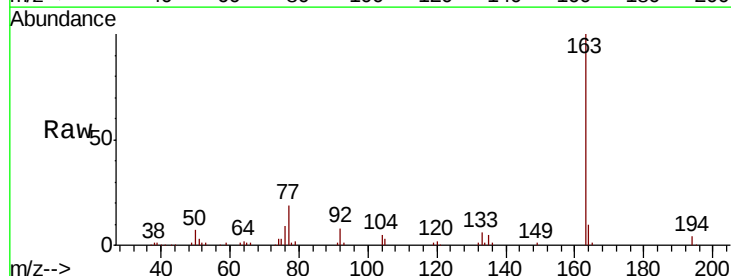
Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

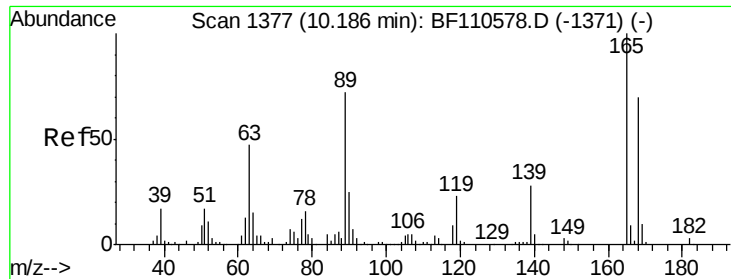
Tgt Ion:172 Resp: 833502
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 23.8 19.7 29.5



#50
 Dimethylphthalate
 Concen: 8.846 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion:163 Resp: 94822
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 10.1 8.1 12.1

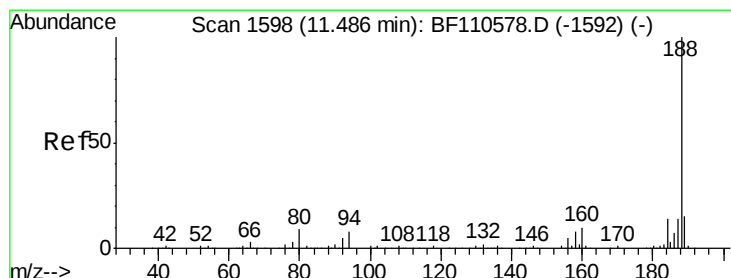
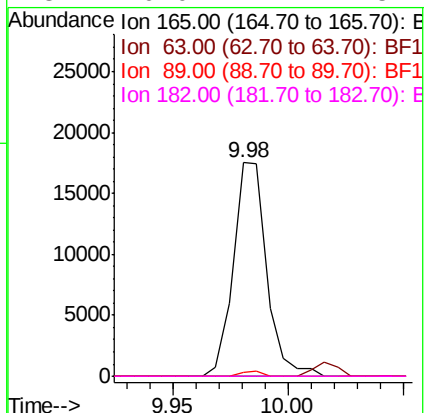
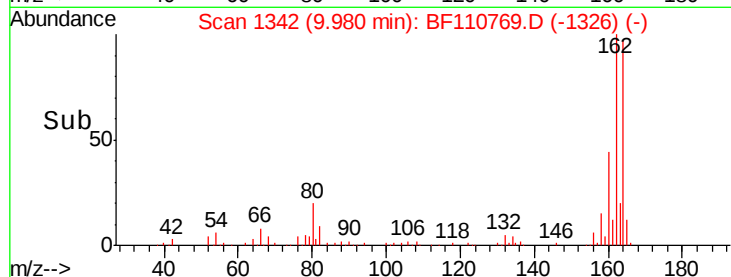
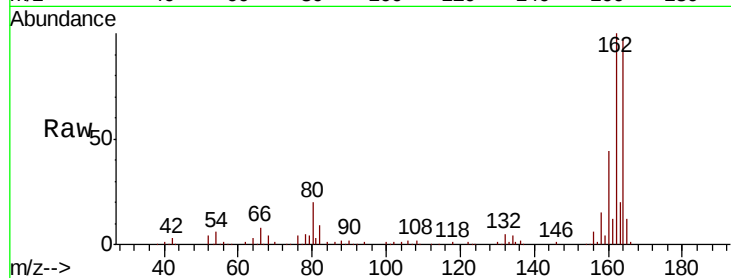




#57
 2,4-Dinitrotoluene
 Concen: 5.750 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

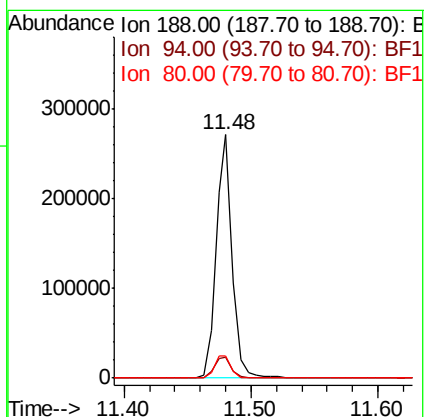
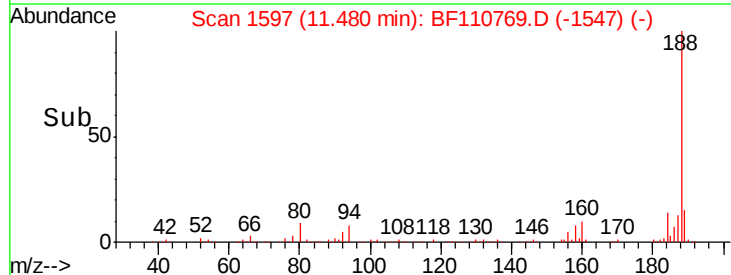
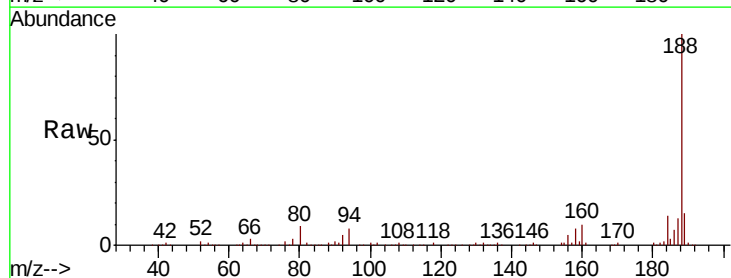
Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

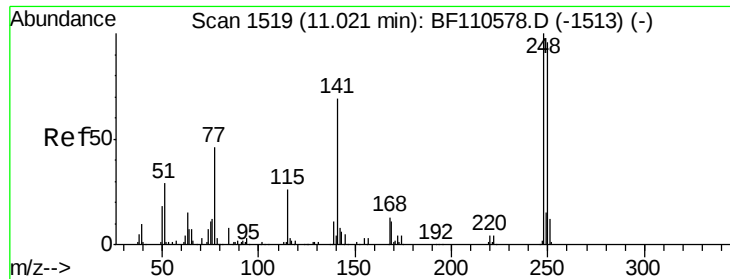
Tgt Ion:	165	Resp:	17629
Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion:	188	Resp:	240496
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	8.9	7.9	11.9

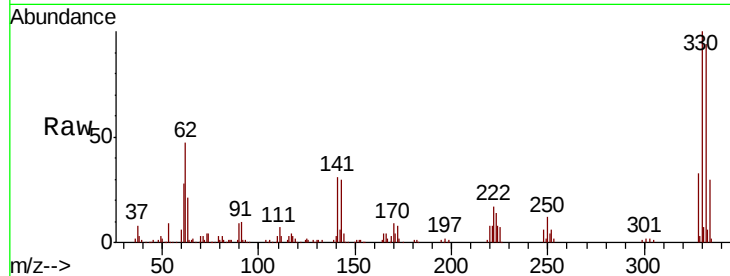




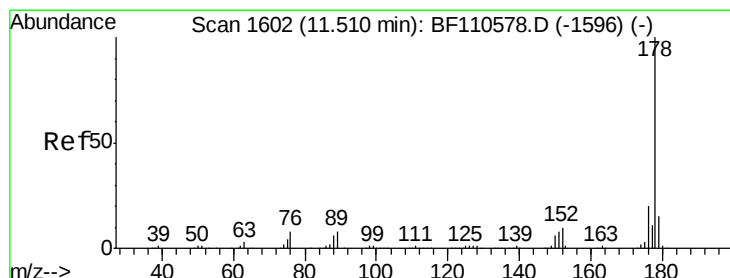
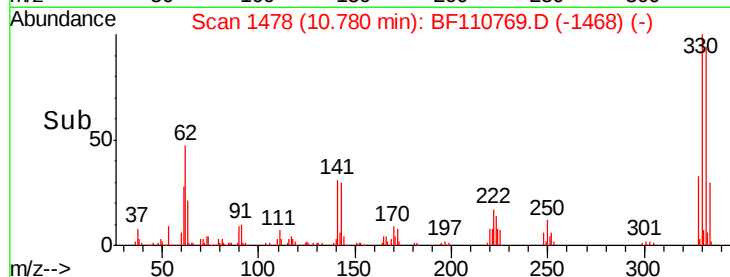
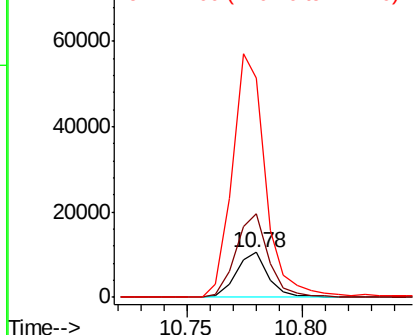
#67
 4-Bromophenyl-phenylether
 Concen: 3.847 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

Tgt Ion:248 Resp: 10226
 Ion Ratio Lower Upper
 248 100
 250 185.3 79.4 119.2#
 141 487.2 55.9 83.9#

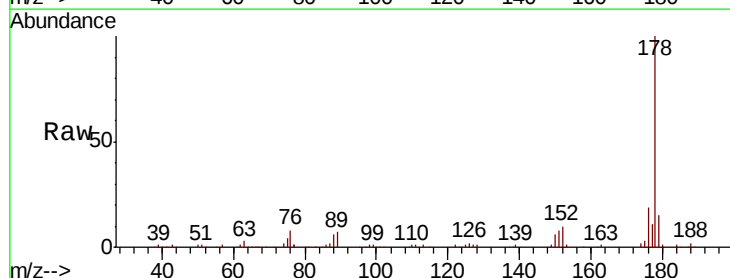


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

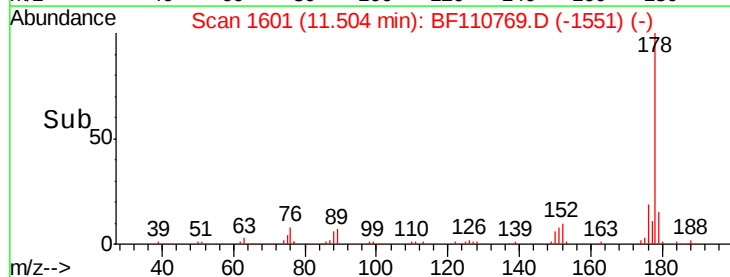
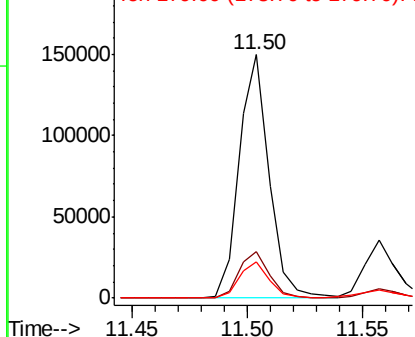


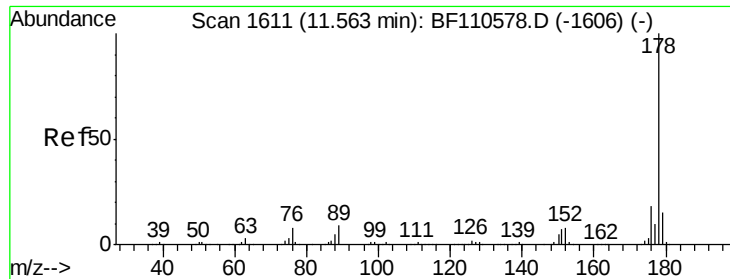
#71
 Phenanthrene
 Concen: 10.525 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion:178 Resp: 135613
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.1 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

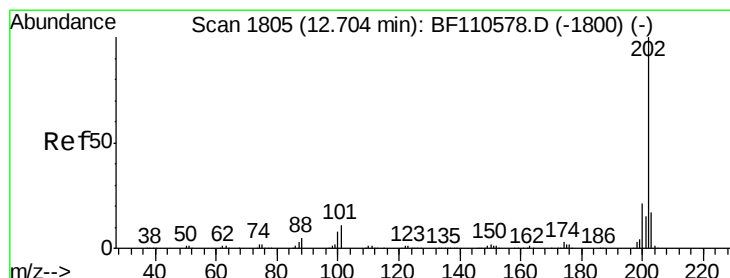
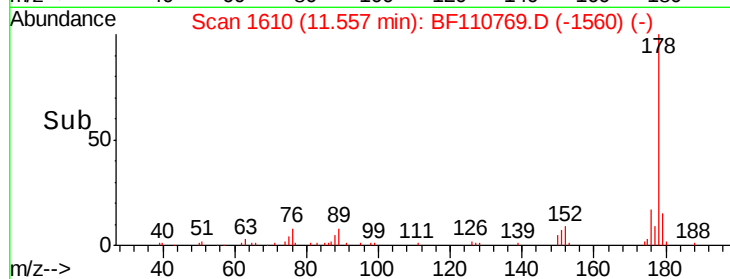
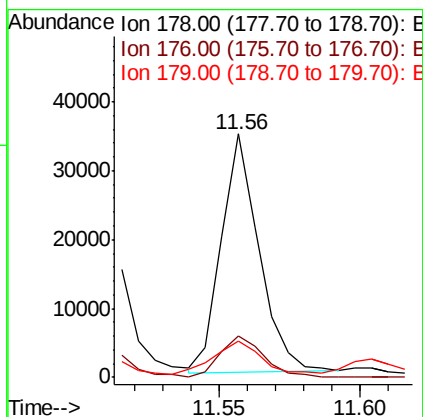
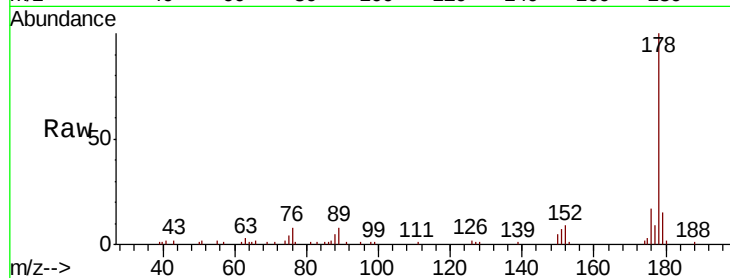




#72
 Anthracene
 Concen: 2.467 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

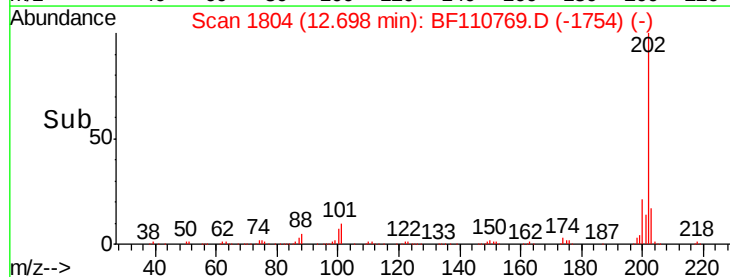
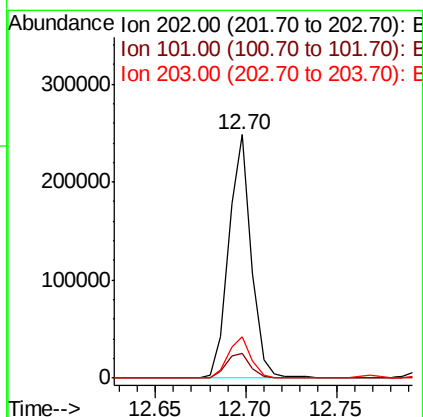
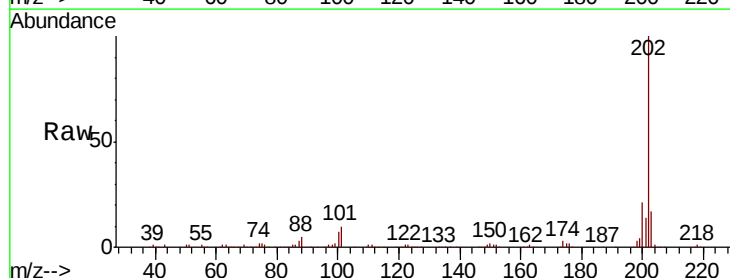
Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

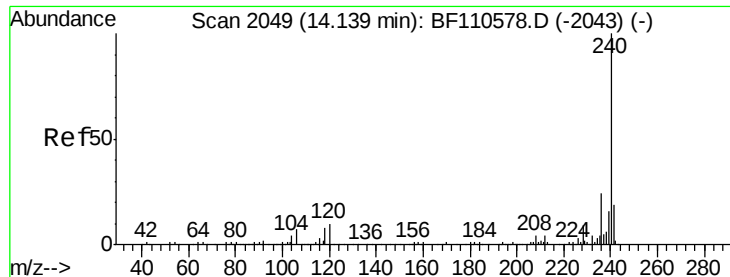
Tgt Ion:178 Resp: 32060
 Ion Ratio Lower Upper
 178 100
 176 17.2 15.4 23.2
 179 15.0 12.6 18.8



#75
 Fluoranthene
 Concen: 16.634 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion:202 Resp: 214872
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 17.2 0.0 37.7

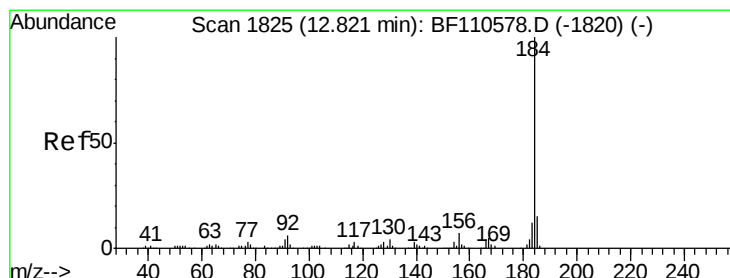
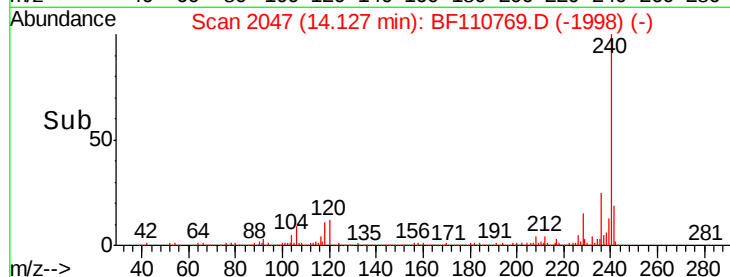
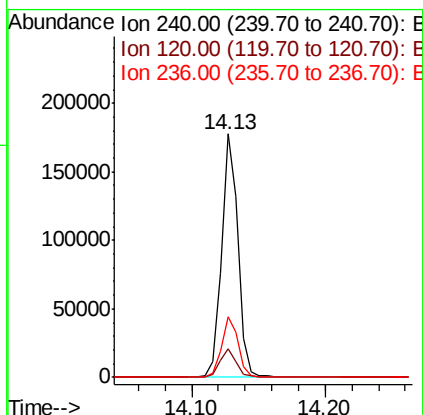
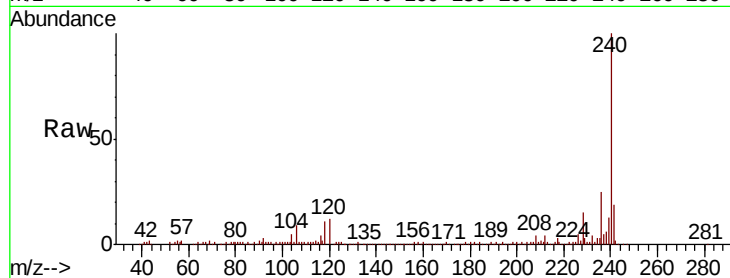




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

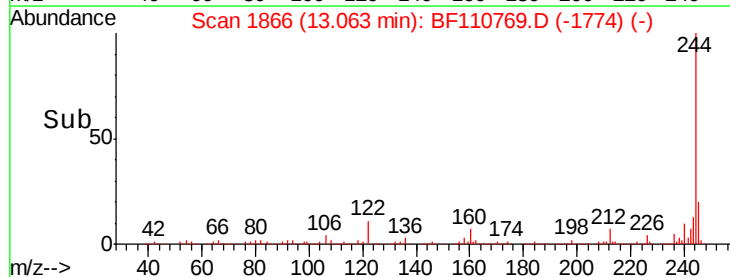
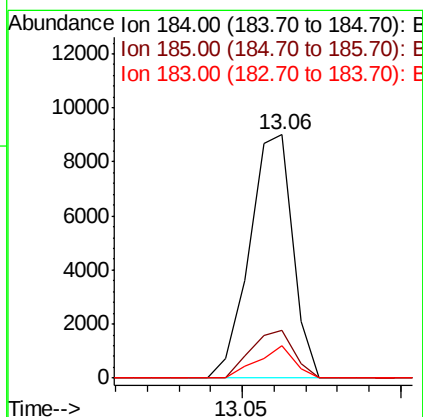
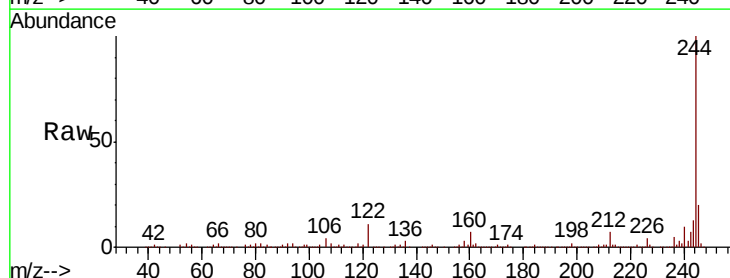
Instrument :
BNA_F
ClientSampleId :
WALL-A

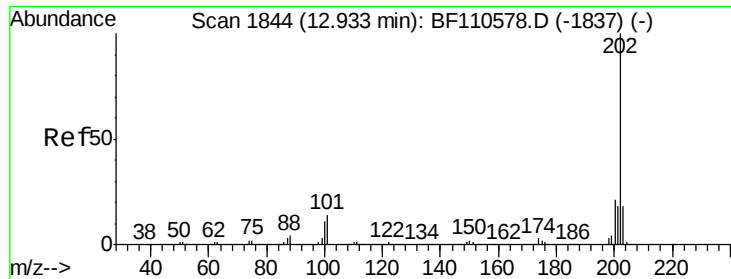
Tgt Ion:240 Resp: 154414
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 24.8 21.2 31.8



#77
Benzidine
Concen: 2.007 ng
RT: 13.06 min Scan# 1866
Delta R.T. 0.24 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

Tgt Ion:184 Resp: 8523
Ion Ratio Lower Upper
184 100
185 19.5 13.4 20.2
183 13.5 9.4 14.2

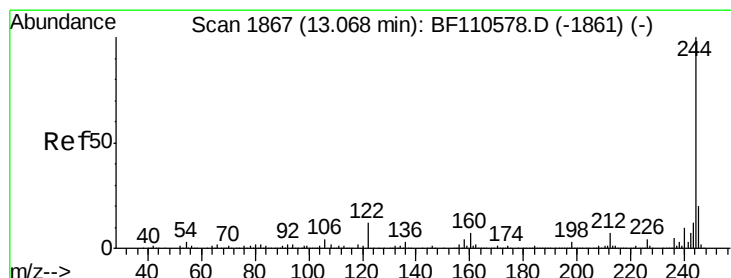
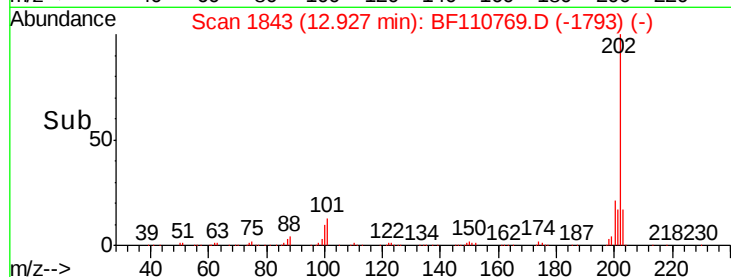
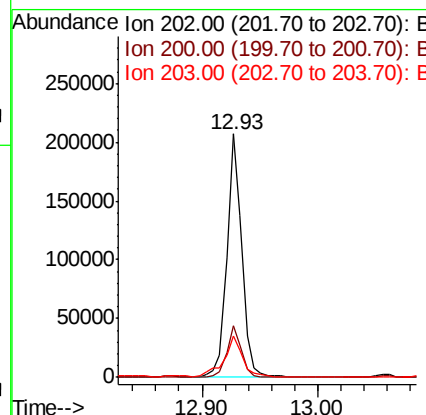
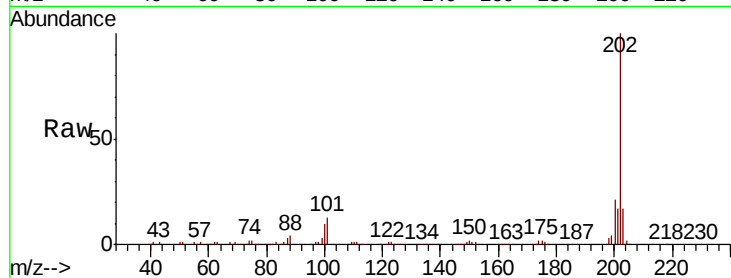




#78
 Pyrene
 Concen: 15.690 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

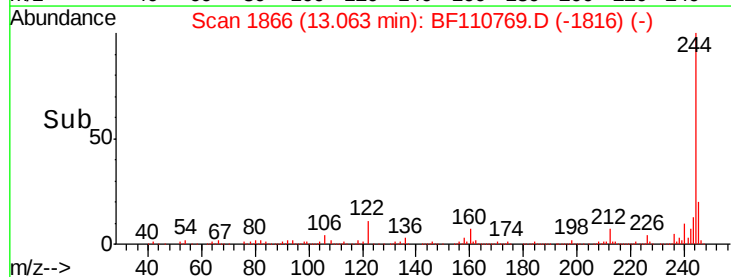
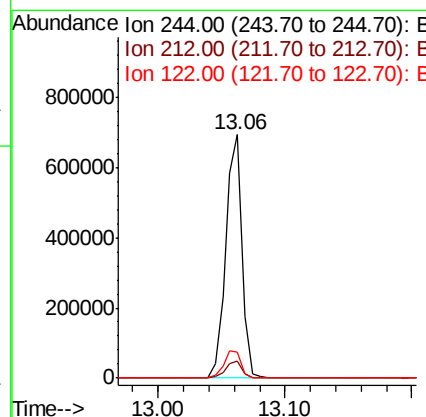
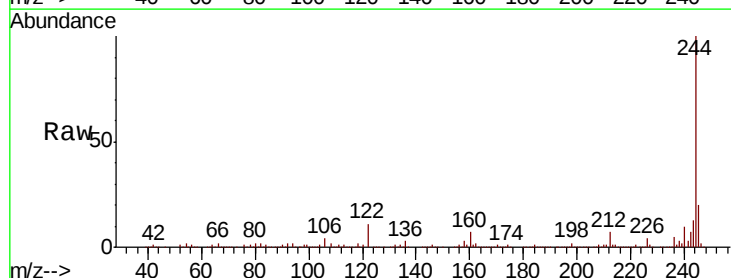
Instrument :
 BNA_F
 ClientSampled :
 WALL-A

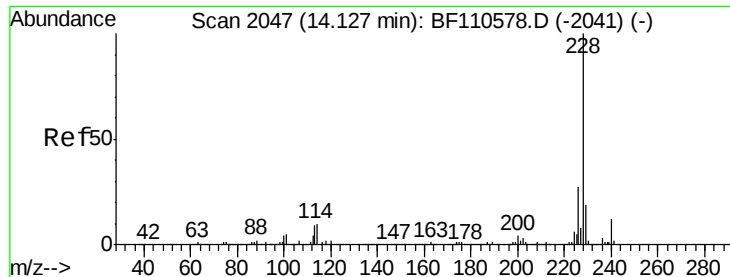
Tgt Ion:	202	Resp:	186550
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	17.1	14.2	21.4



#79
 Terphenyl-d14
 Concen: 75.074 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion:	244	Resp:	619006
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.6	8.7	13.1





#81

Benzo(a)anthracene

Concen: 9.421 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

WALL-A

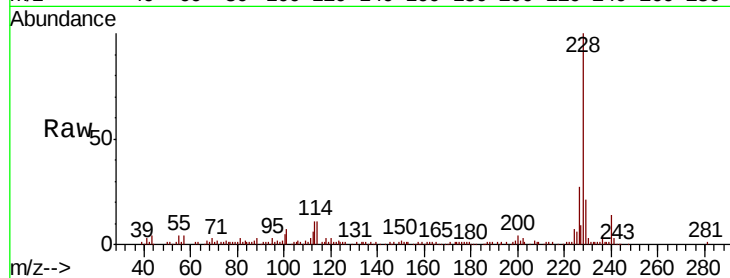
Tgt Ion:228 Resp: 86949

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

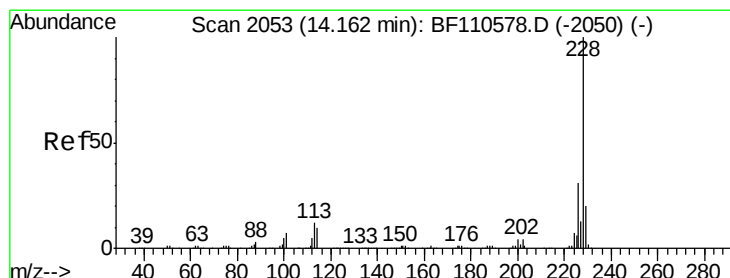
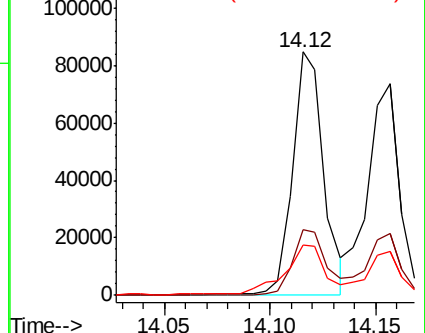
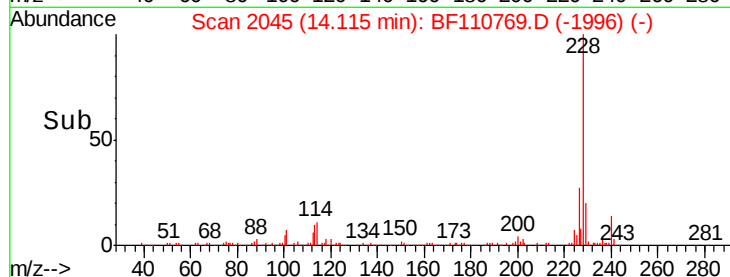
229 20.5 15.6 23.4



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: 8.891 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

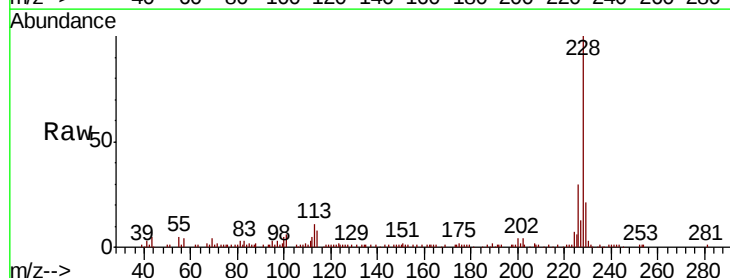
Tgt Ion:228 Resp: 78181

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

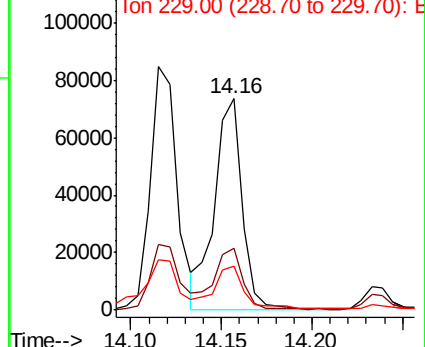
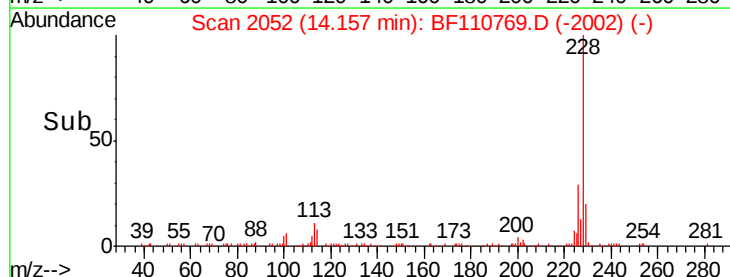
229 20.7 15.9 23.9

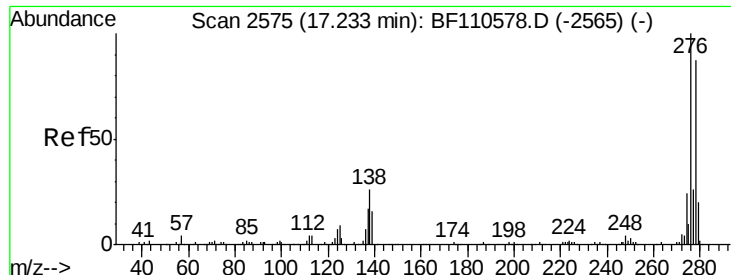


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

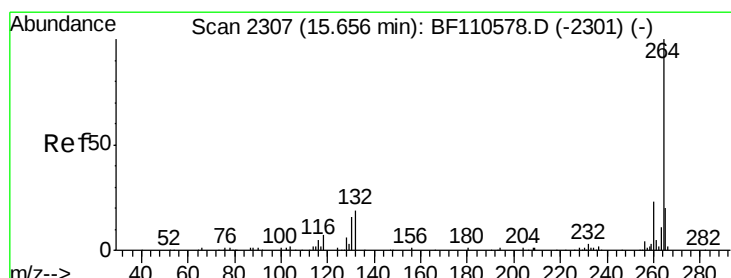
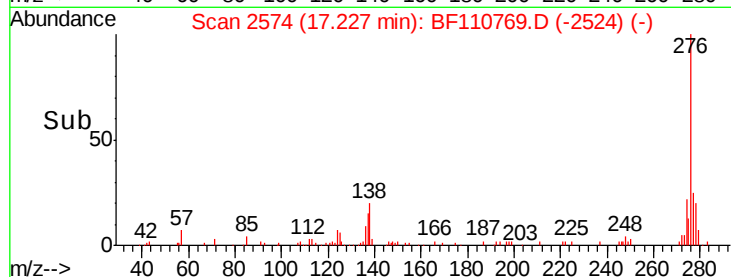
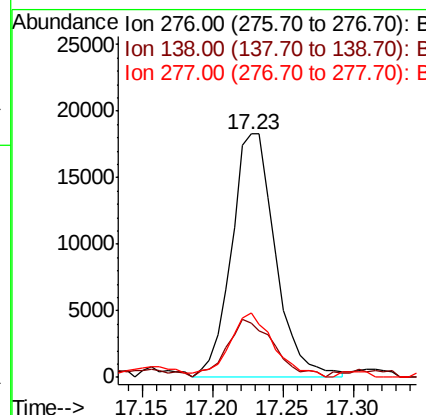
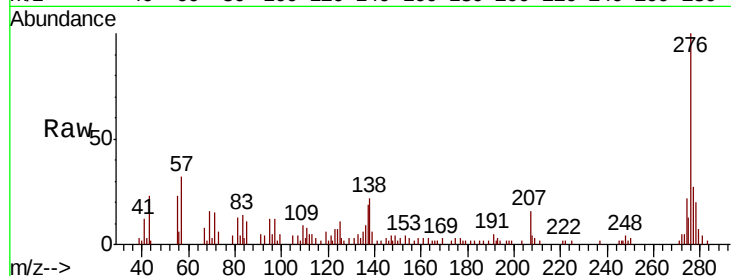




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 6.316 ng
 RT: 17.23 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

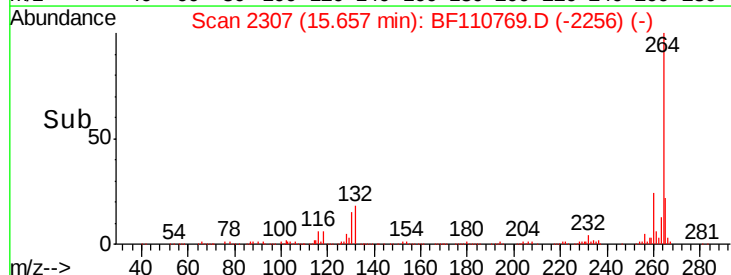
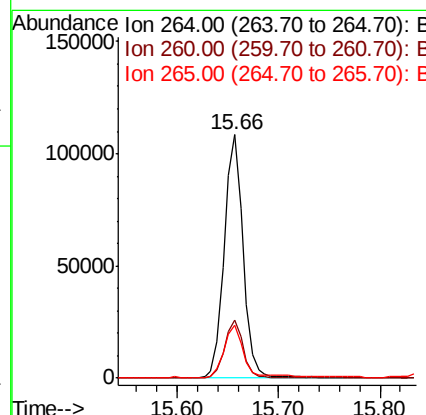
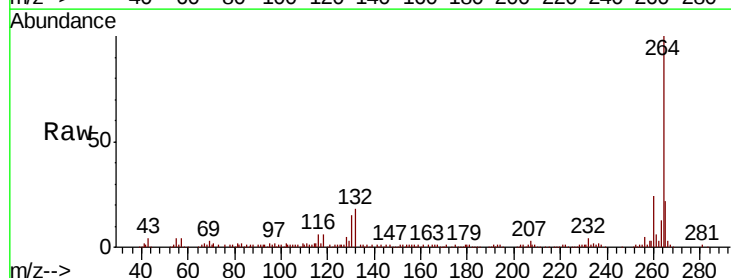
Instrument :
 BNA_F
 ClientSampleId :
 WALL-A

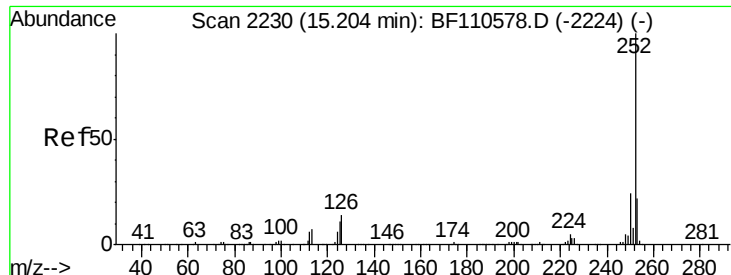
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.5	27.7
277	26.5	20.0	30.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110769.D
 Acq: 14 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	16.7	25.1

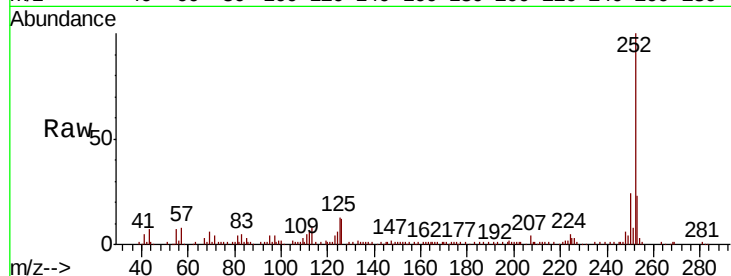




#88
Benzo(b)fluoranthene
Concen: 16.722 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

Instrument :
BNA_F
ClientSampled :
WALL-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.9	8.2	12.4#

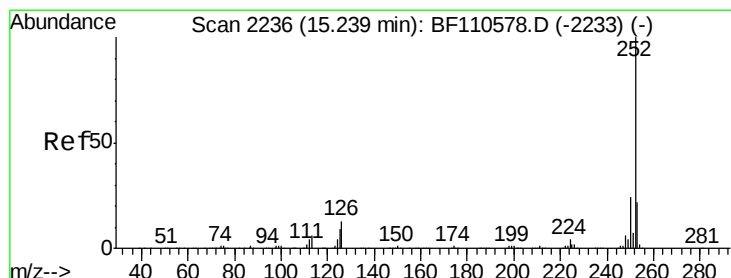
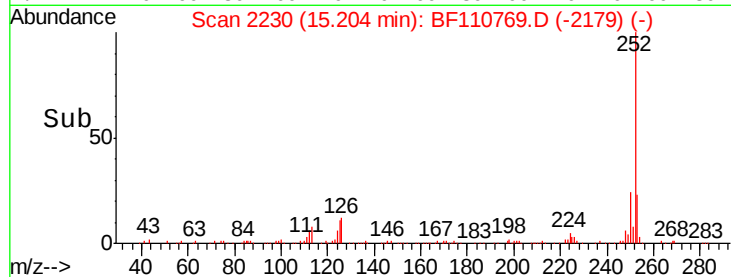
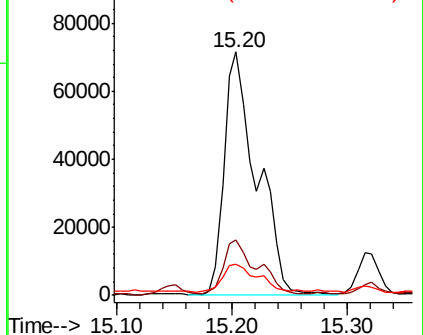


Abundance

Ion 252.00 (251.70 to 252.70): E

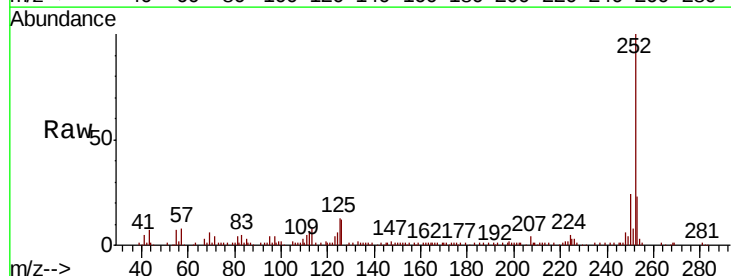
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 16.923 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110769.D
Acq: 14 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.9	7.4	11.0#

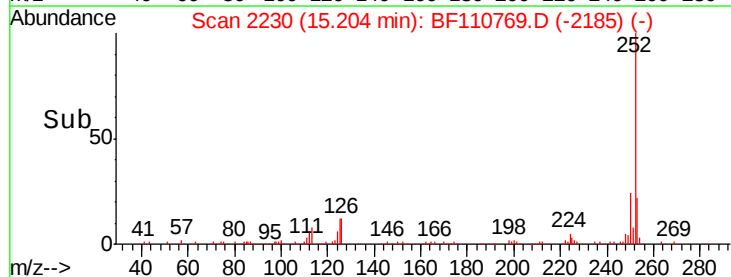
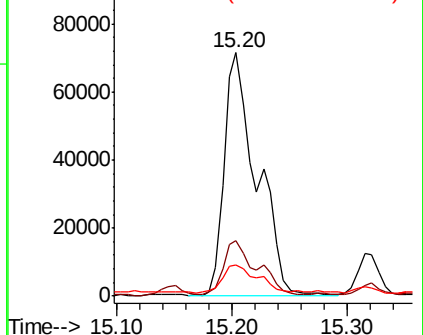


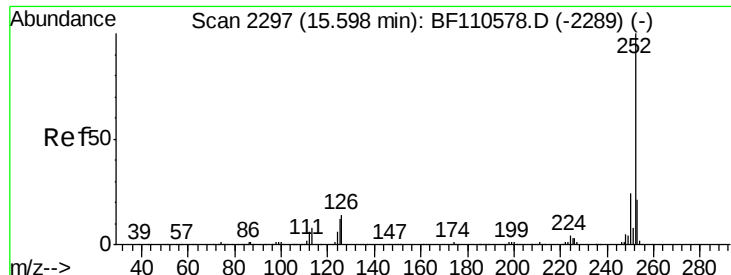
Abundance

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

Benzo(a)pyrene

Concen: 10.140 ng

RT: 15.59 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BF110769.D

Acq: 14 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

WALL-A

Tgt Ion:252 Resp: 77630

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

125 12.0 9.0 13.6

