

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110514.D
 Acq On : 6 Nov 2018 14:50
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 15:47:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87318	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	363419	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	174254	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	324375	20.00	ng	0.00
76) Chrysene-d12	14.14	240	229835	20.00	ng	0.00
87) Perylene-d12	15.66	264	154520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	429280	80.06	ng	0.00
7) Phenol-d6	6.58	99	544225	79.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	513511	83.81	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	138907	80.47	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	966274	87.07	ng	0.00
79) Terphenyl-d14	13.07	244	972203	87.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	97748	34.794	ng	87
3) Pyridine	3.59	79	209448	33.473	ng	# 86
4) n-Nitrosodimethylamine	3.55	42	75635	28.852	ng	# 91
6) Aniline	6.62	93	346464	38.779	ng	# 54
8) 2-Chlorophenol	6.74	128	249082	40.292	ng	95
9) Benzaldehyde	6.51	77	148210	36.217	ng	99
10) Phenol	6.60	94	317105	43.254	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	237637	39.399	ng	96
12) 1,3-Dichlorobenzene	6.90	146	274651	40.371	ng	97
13) 1,4-Dichlorobenzene	6.97	146	279974	40.691	ng	99
14) 1,2-Dichlorobenzene	7.13	146	259820	40.677	ng	99
15) Benzyl Alcohol	7.10	79	215027	40.764	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	377025	39.096	ng	70
17) 2-Methylphenol	7.20	107	197394	40.065	ng	# 81
18) Hexachloroethane	7.46	117	103805	41.208	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	173810	39.502	ng	97
20) 3+4-Methylphenols	7.36	107	255197	40.072	ng	96
22) Acetophenone	7.37	105	344376	41.125	ng	98
24) Nitrobenzene	7.54	77	261063	41.270	ng	97
25) Isophorone	7.77	82	414390	39.676	ng	98
26) 2-Nitrophenol	7.86	139	134501	44.681	ng	95
27) 2,4-Dimethylphenol	7.89	122	197815	39.636	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	285106	40.183	ng	99
29) 2,4-Dichlorophenol	8.10	162	208250	41.302	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	233058	41.265	ng	95
31) Naphthalene	8.26	128	686065	40.960	ng	99
32) Benzoic acid	8.02	122	144382	37.431	ng	91
33) 4-Chloroaniline	8.31	127	304319	40.370	ng	98
34) Hexachlorobutadiene	8.37	225	131422	41.909	ng	100
35) Caprolactam	8.69	113	70273	39.987	ng	93
36) 4-Chloro-3-methylphenol	8.79	107	223344	40.962	ng	97
37) 2-Methylnaphthalene	8.95	142	455798	41.129	ng	98
38) 1-Methylnaphthalene	9.05	142	437135	40.818	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	224672	41.381	ng	98

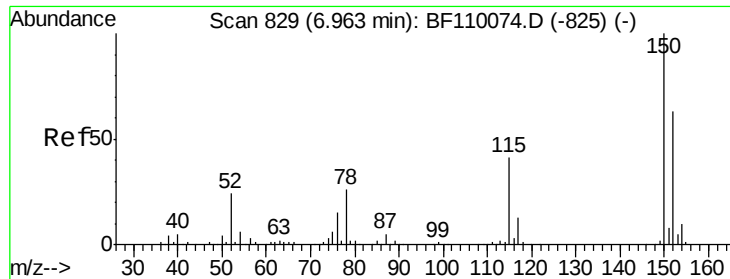
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110514.D
 Acq On : 6 Nov 2018 14:50
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 15:47:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	68948	24.835	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	141637	40.446	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	152854	41.294	ng	97
46) 1,1'-Biphenyl	9.42	154	650932	41.309	ng	100
47) 2-Chloronaphthalene	9.45	162	466683	40.375	ng	98
48) 2-Nitroaniline	9.55	65	144639	41.294	ng	93
49) Acenaphthylene	9.86	152	677008	40.552	ng	99
50) Dimethylphthalate	9.71	163	515757	40.096	ng	99
51) 2,6-Dinitrotoluene	9.79	165	115759	41.779	ng	# 84
52) Acenaphthene	10.03	154	421648	38.177	ng	98
53) 3-Nitroaniline	9.96	138	131127	39.797	ng	94
54) 2,4-Dinitrophenol	10.07	184	38724	38.112	ng	93
55) Dibenzofuran	10.20	168	623239	40.305	ng	97
56) 4-Nitrophenol	10.12	139	92427	37.901	ng	94
57) 2,4-Dinitrotoluene	10.19	165	149348	42.436	ng	89
58) Fluorene	10.55	166	472356	41.044	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.28	232	119764	39.694	ng	98
60) Diethylphthalate	10.41	149	509034	40.540	ng	100
61) 4-Chlorophenyl-phenylether	10.53	204	247528	40.772	ng	99
62) 4-Nitroaniline	10.57	138	131051	39.989	ng	95
63) Azobenzene	10.70	77	499935	40.112	ng	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	62783	42.364	ng	96
66) n-Nitrosodiphenylamine	10.66	169	437461	41.117	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	145424	41.331	ng	94
68) Hexachlorobenzene	11.10	284	152745	40.915	ng	# 91
69) Atrazine	11.18	200	133138	39.597	ng	98
70) Pentachlorophenol	11.29	266	87002	39.966	ng	95
71) Phenanthrene	11.52	178	684959	40.356	ng	100
72) Anthracene	11.57	178	696053	40.914	ng	100
73) Carbazole	11.72	167	673265	40.532	ng	100
74) Di-n-butylphthalate	12.03	149	790425	42.133	ng	99
75) Fluoranthene	12.71	202	688255	39.956	ng	99
77) Benzidine	12.83	184	266975	38.922	ng	97
78) Pyrene	12.94	202	702518	42.636	ng	98
80) Butylbenzylphthalate	13.54	149	308733	43.169	ng	93
81) Benzo(a)anthracene	14.13	228	544697	39.964	ng	100
82) 3,3'-Dichlorobenzidine	14.09	252	179791	37.882	ng	100
83) Chrysene	14.17	228	517071	39.942	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	396775	41.041	ng	98
85) Di-n-octyl phthalate	14.70	149	587497	39.081	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	352754	32.846	ng	98
88) Benzo(b)fluoranthene	15.21	252	376414	42.185	ng	99
89) Benzo(k)fluoranthene	15.21	252	376414	42.910	ng	100
90) Benzo(a)pyrene	15.60	252	342744	41.744	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	294623	41.587	ng	98
92) Benzo(g,h,i)perylene	17.71	276	296823	42.518	ng	97

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

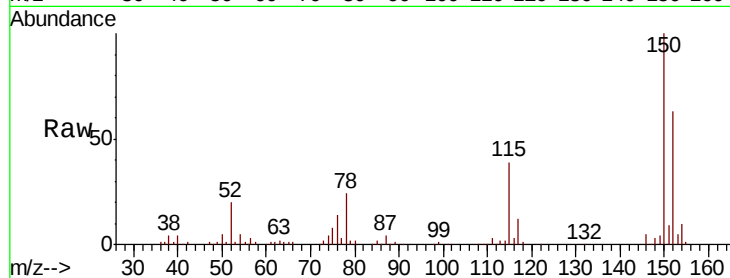


#1

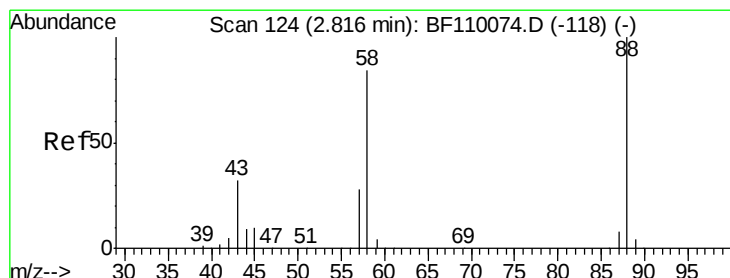
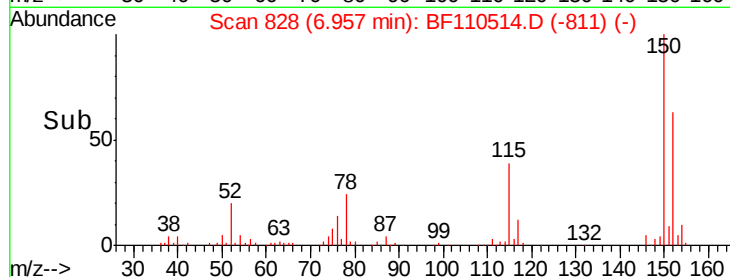
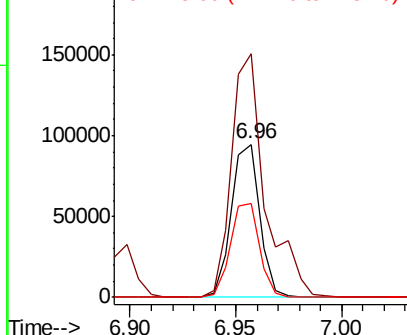
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87318
Ion Ratio Lower Upper
152 100
150 159.2 122.7 184.1
115 61.4 49.1 73.7



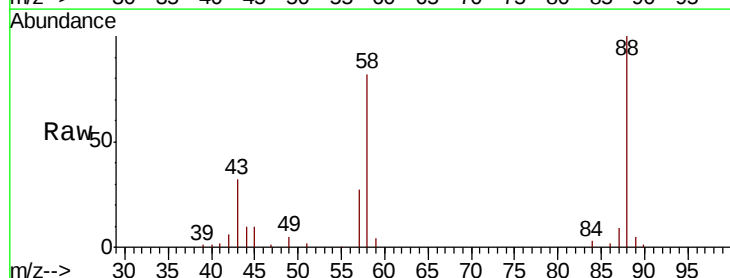
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



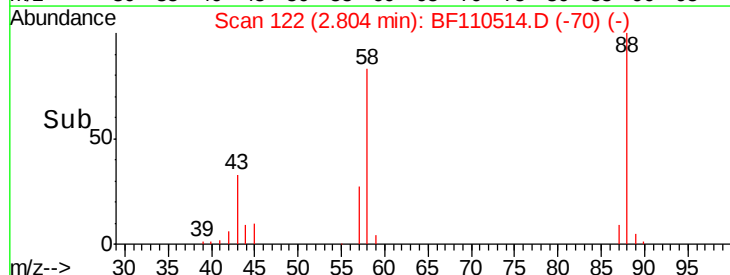
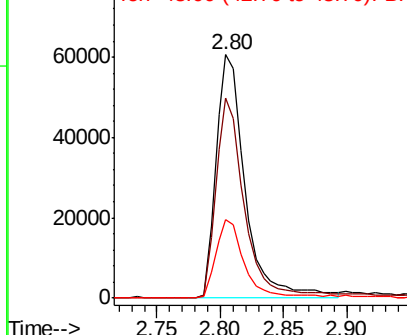
#2

1,4-Dioxane
Concen: 34.794 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion: 88 Resp: 97748
Ion Ratio Lower Upper
88 100
58 84.2 57.1 85.7
43 33.3 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.473 ng

RT: 3.59 min Scan# 256

Delta R.T. 0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

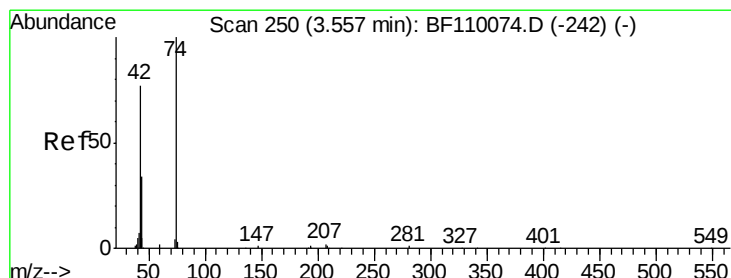
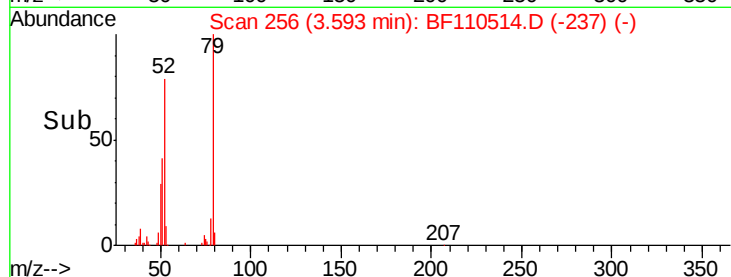
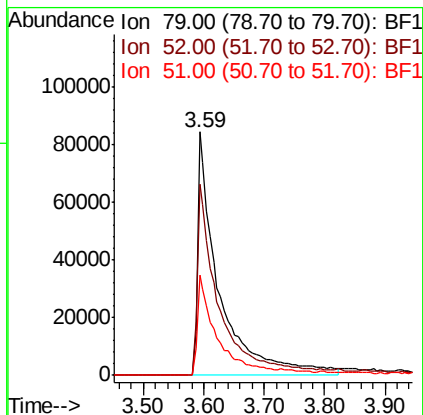
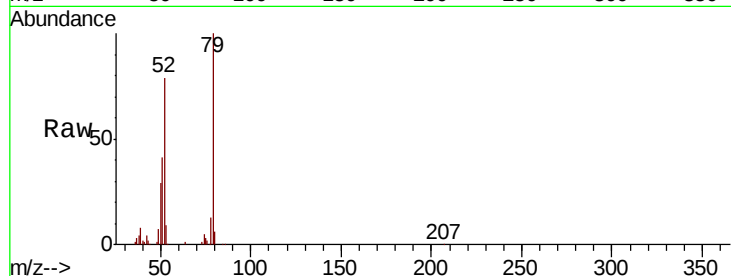
Tot Ion: 79 Resp: 209448

Ion Ratio Lower Upper

79 100

52 78.6 53.1 79.7

51 41.4 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 28.852 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

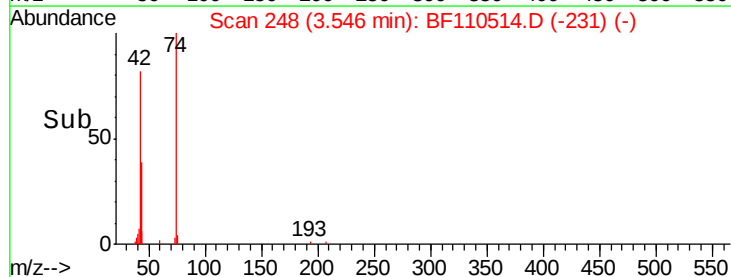
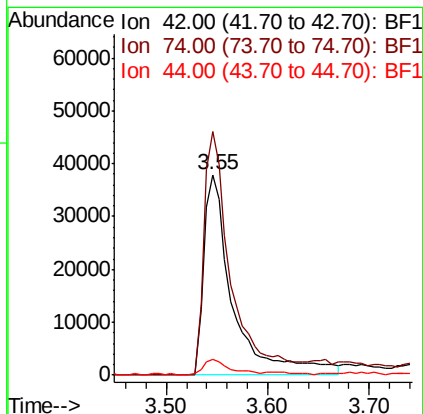
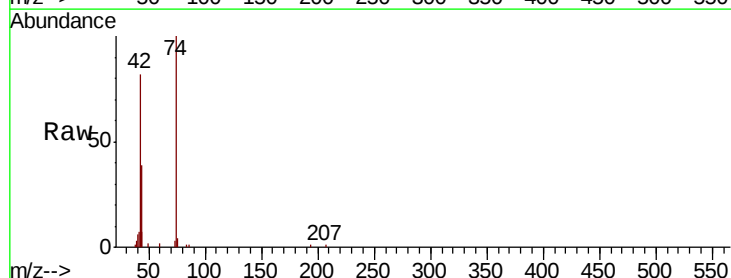
Tgt Ion: 42 Resp: 75635

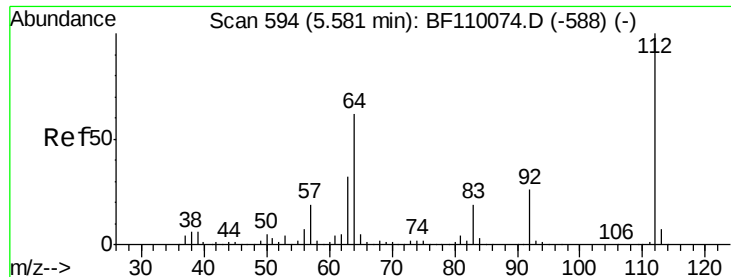
Ion Ratio Lower Upper

42 100

74 121.5 105.5 158.3

44 8.1 4.9 7.3#





#5

2-Fluorophenol

Concen: 80.059 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

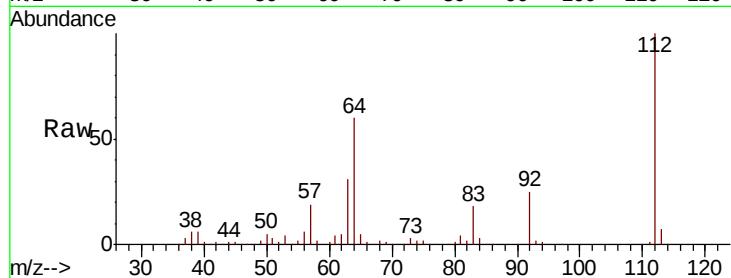
Tot Ion:112 Resp: 429280

Ion Ratio Lower Upper

112 100

64 59.6 44.1 66.1

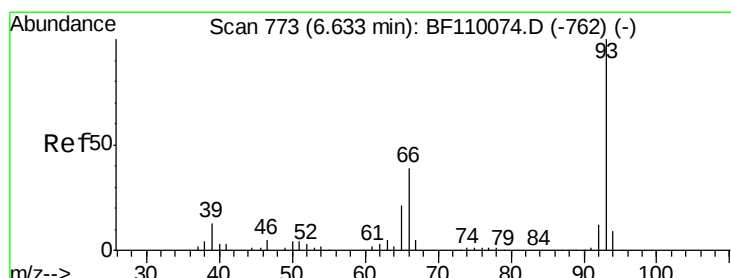
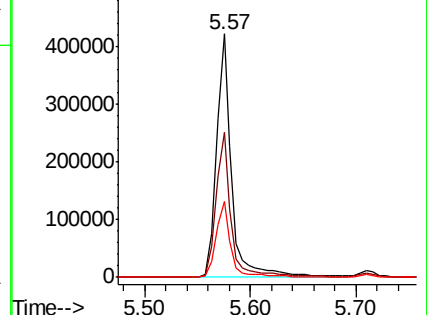
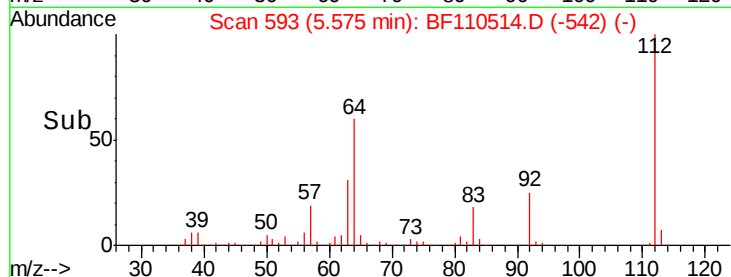
63 31.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.779 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

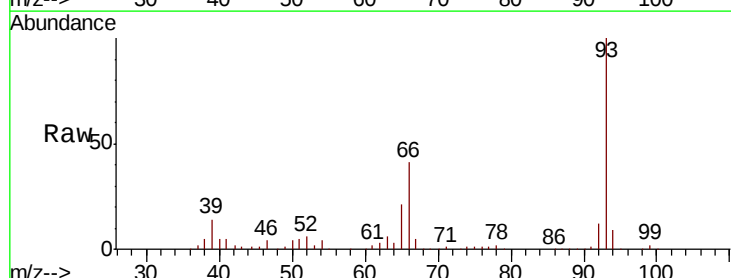
Tgt Ion: 93 Resp: 346464

Ion Ratio Lower Upper

93 100

66 40.9 67.4 101.0#

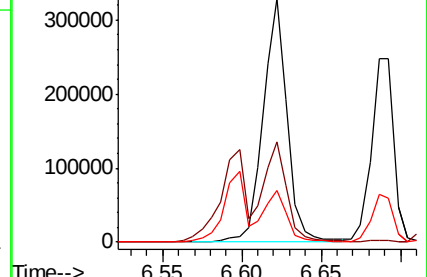
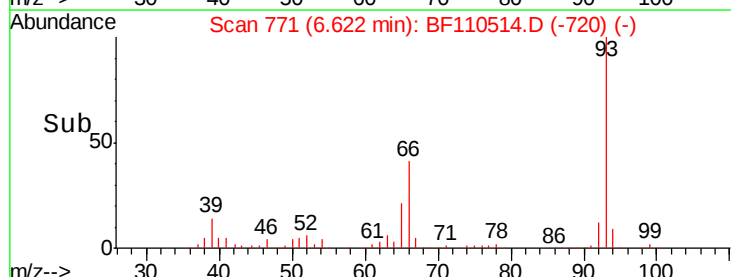
65 21.2 41.0 61.4#

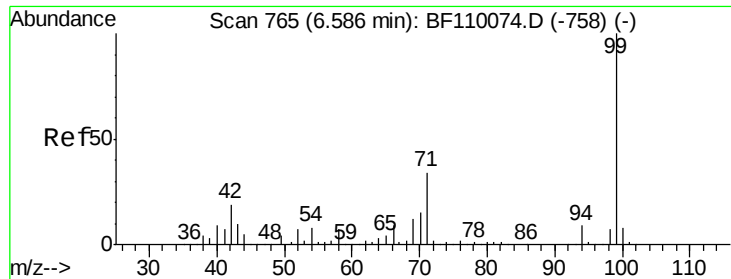


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.351 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

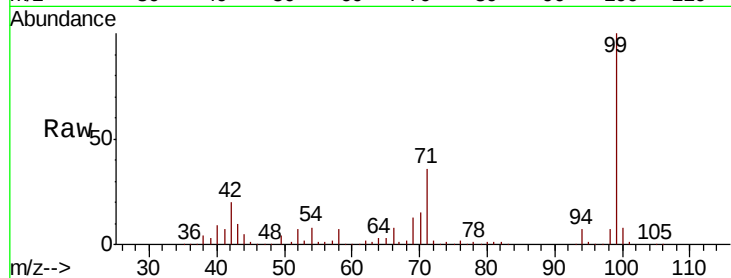
Tot Ion: 99 Resp: 544225

Ion Ratio Lower Upper

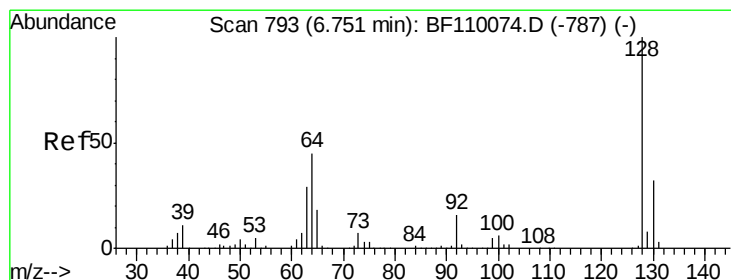
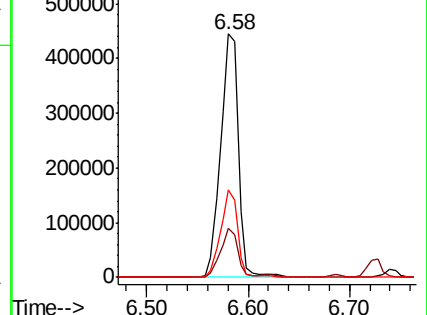
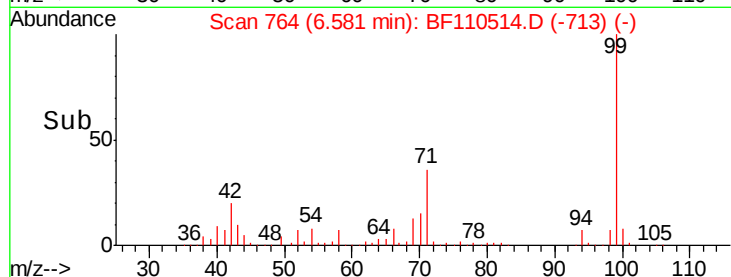
99 100

42 20.4 15.8 23.6

71 36.1 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



#8

2-Chlorophenol

Concen: 40.292 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

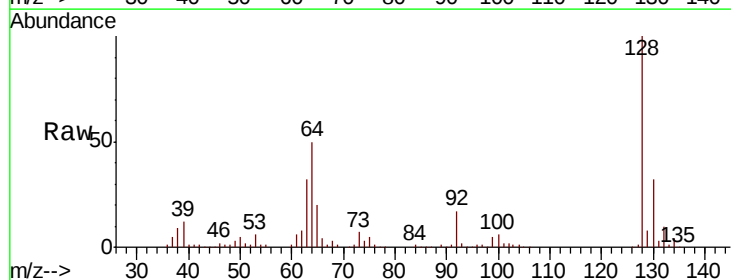
Tgt Ion: 128 Resp: 249082

Ion Ratio Lower Upper

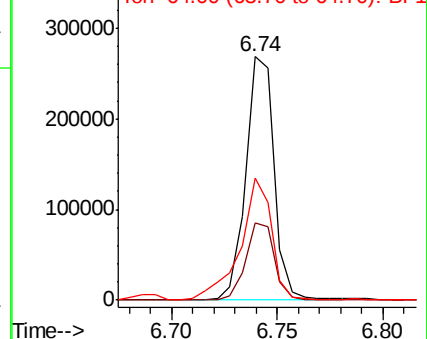
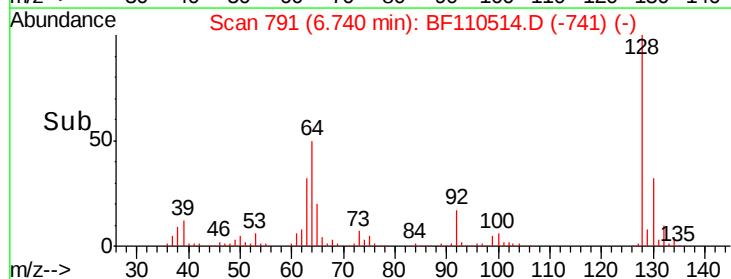
128 100

130 31.8 13.1 53.1

64 50.3 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.217 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

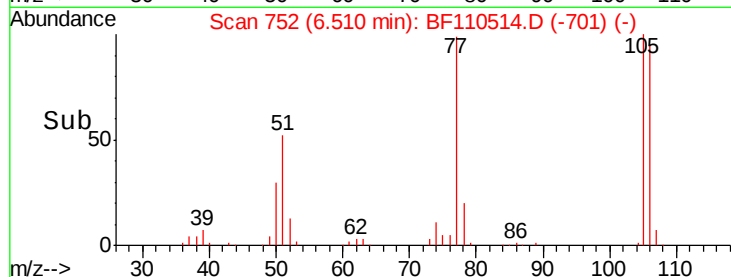
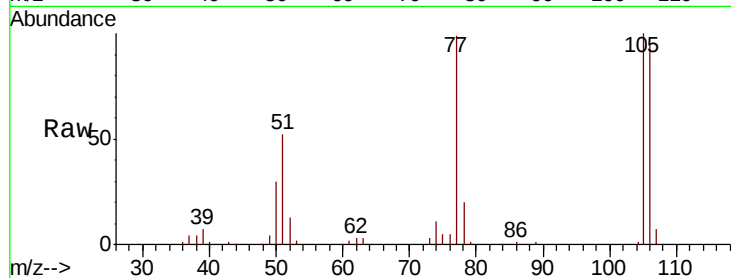
Tot Ion: 77 Resp: 148210

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

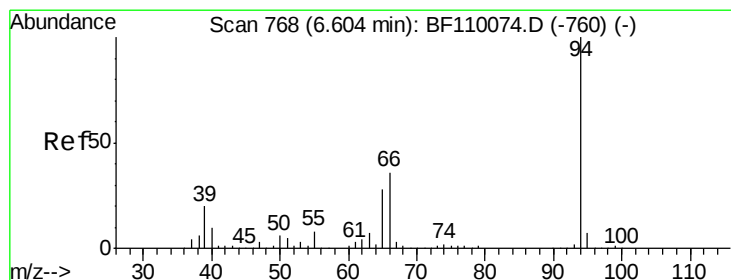
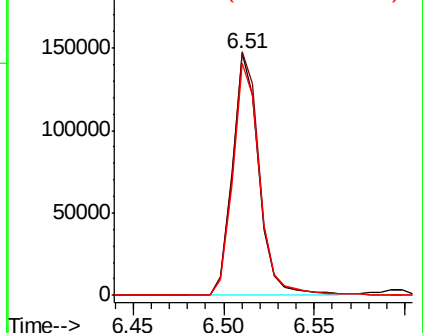
106 95.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.254 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

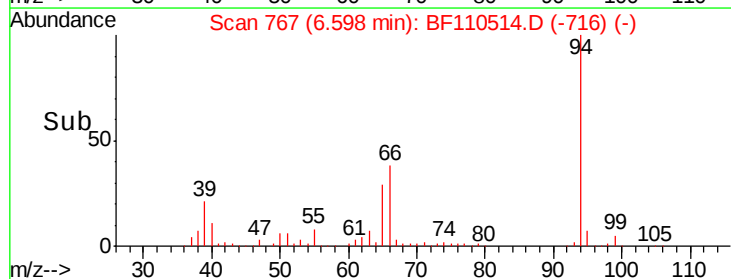
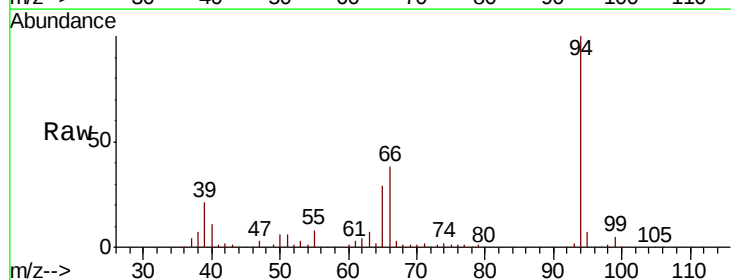
Tgt Ion: 94 Resp: 317105

Ion Ratio Lower Upper

94 100

65 29.1 25.3 65.3

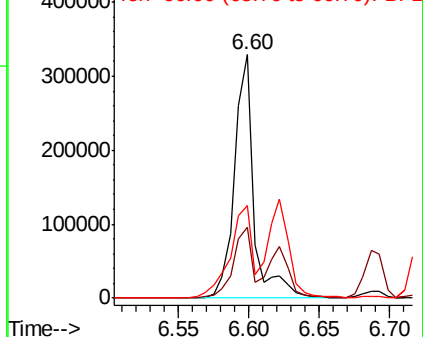
66 38.1 54.5 94.5#

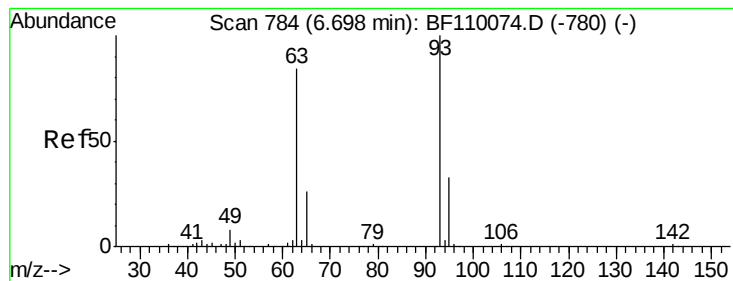


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

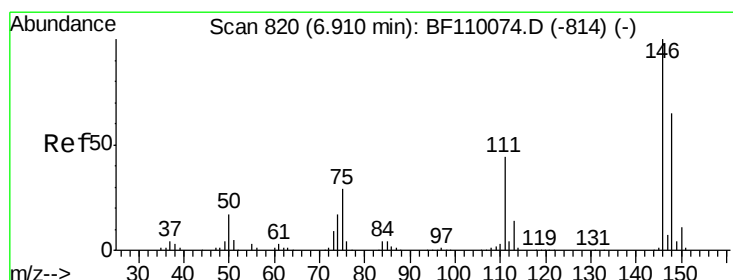
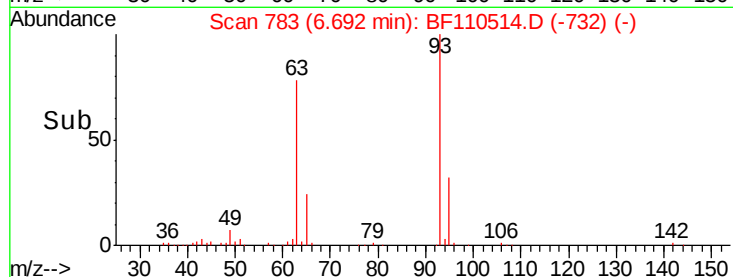
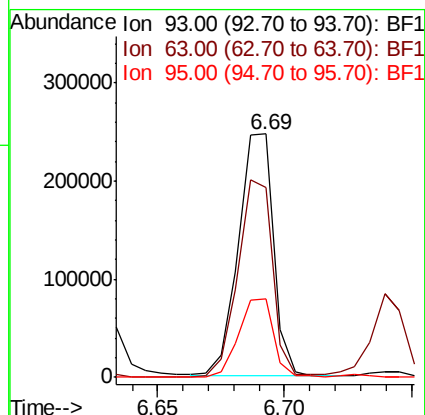
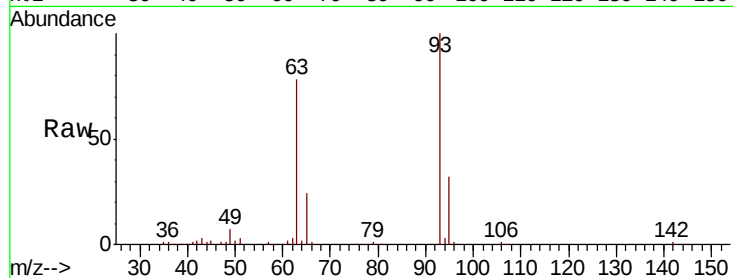




#11
bis(2-Chloroethyl)ether
Concen: 39.399 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

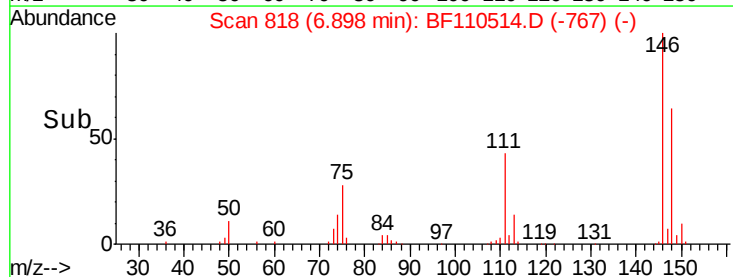
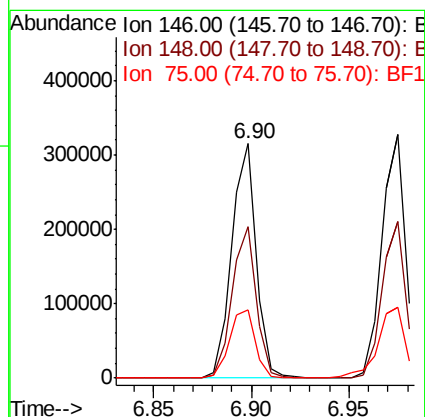
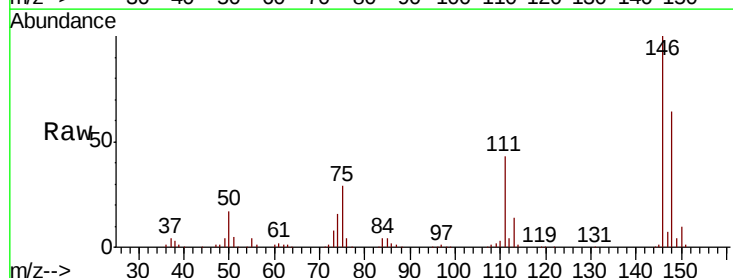
Instrument :
BNA_F
ClientSampleId :

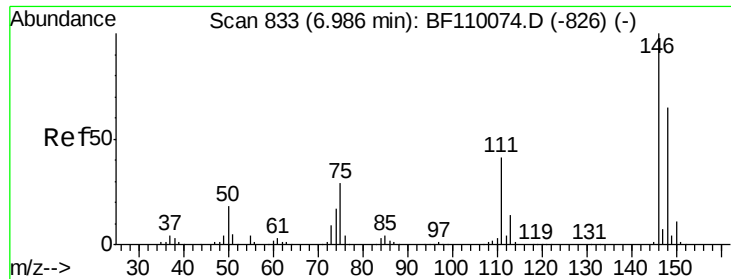
Tot Ion: 93 Resp: 237637
Ion Ratio Lower Upper
93 100
63 78.1 53.4 93.4
95 32.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.371 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion: 146 Resp: 274651
Ion Ratio Lower Upper
146 100
148 64.5 50.4 75.6
75 29.4 25.8 38.6

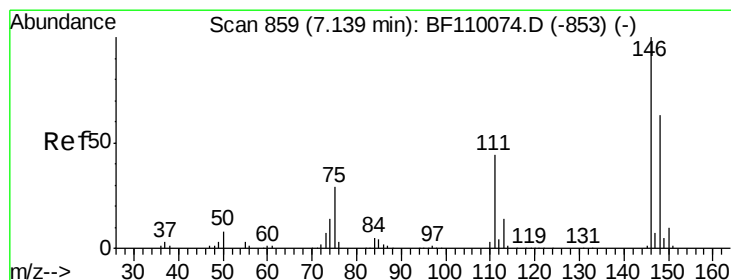
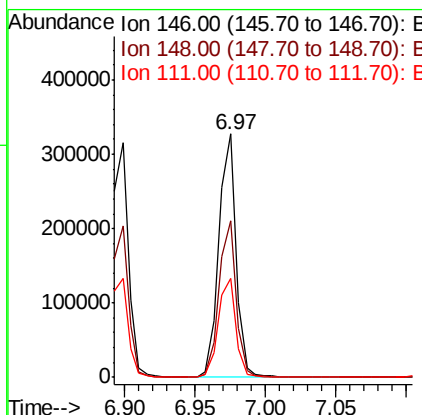
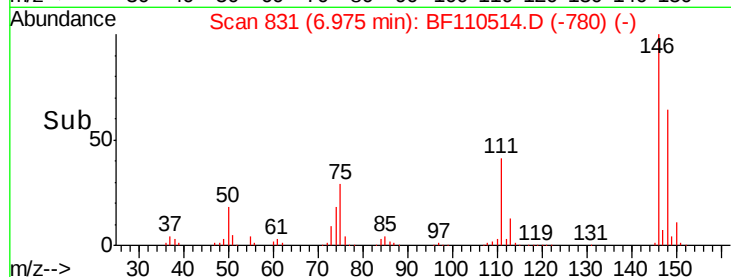
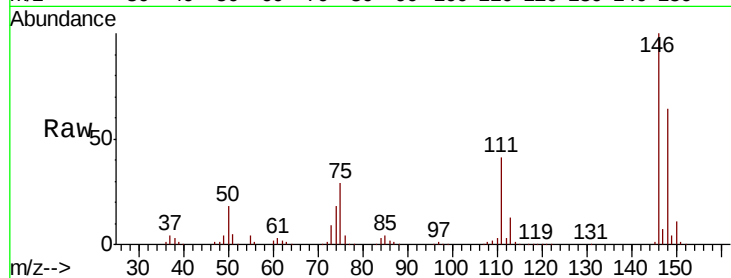




#13
 1,4-Dichlorobenzene
 Concen: 40.691 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

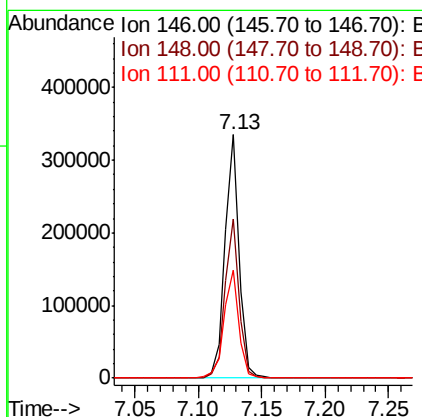
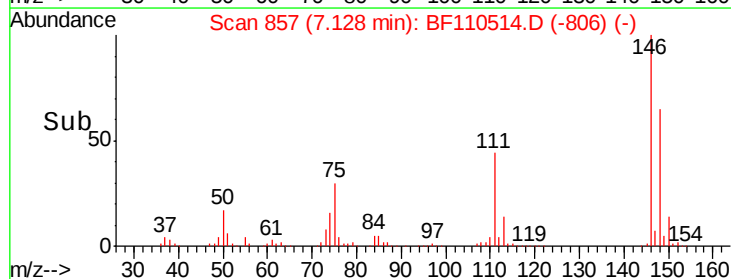
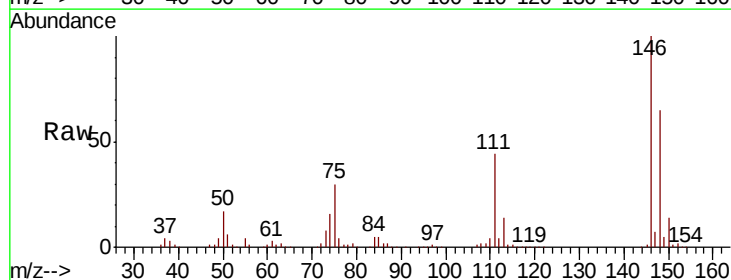
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 279974
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.3 75.5
 111 40.8 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.677 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion:146 Resp: 259820
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 44.1 35.8 53.6

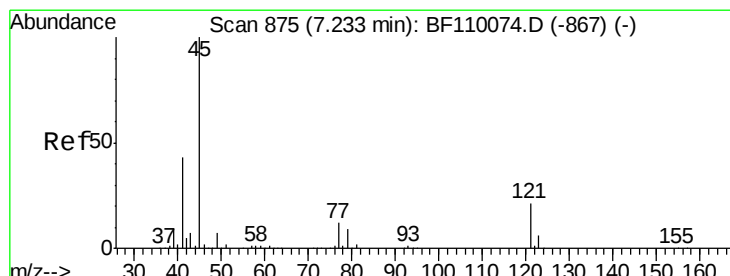
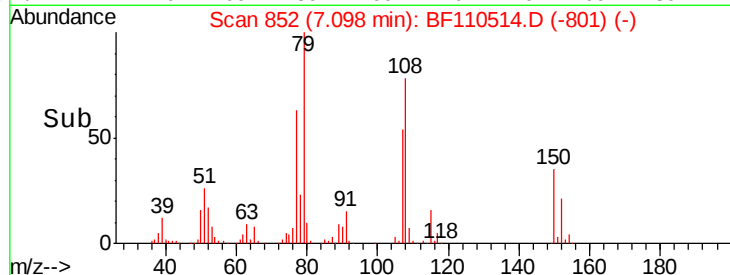
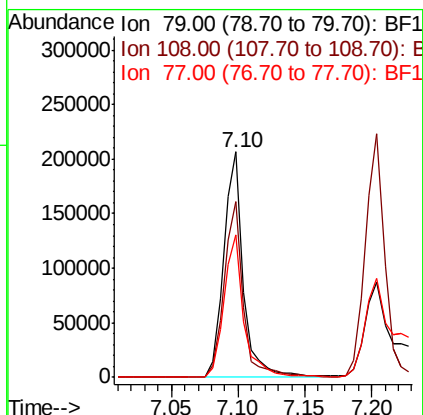
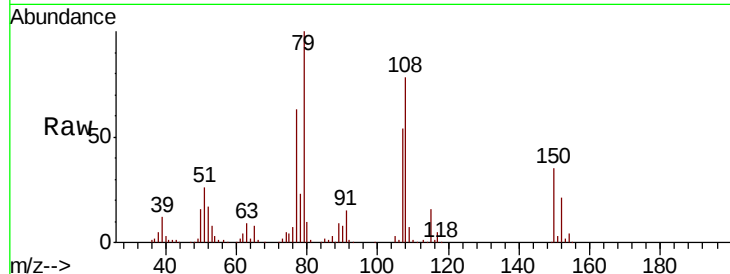




#15
Benzyl Alcohol
Concen: 40.764 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

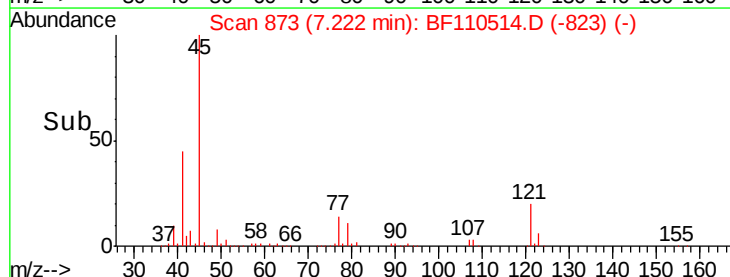
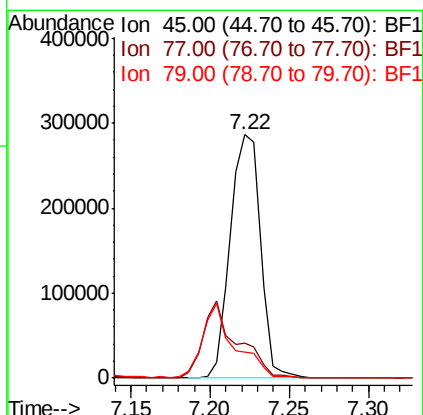
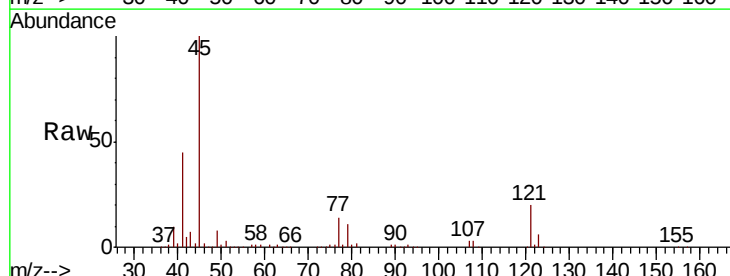
Instrument :
BNA_F
ClientSampled :

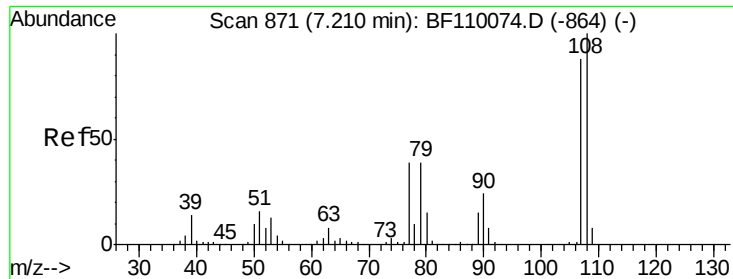
Tot Ion: 79 Resp: 215027
Ion Ratio Lower Upper
79 100
108 77.7 56.3 84.5
77 63.4 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.096 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion: 45 Resp: 377025
Ion Ratio Lower Upper
45 100
77 14.3 10.0 50.0
79 10.6 6.1 46.1

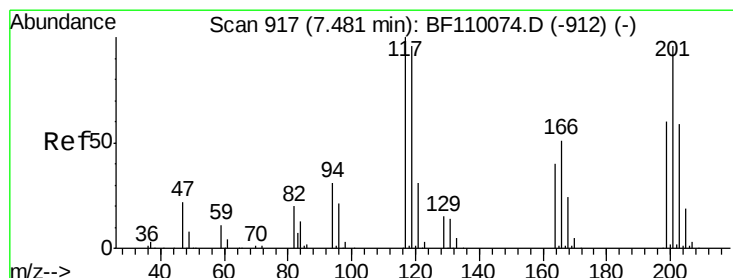
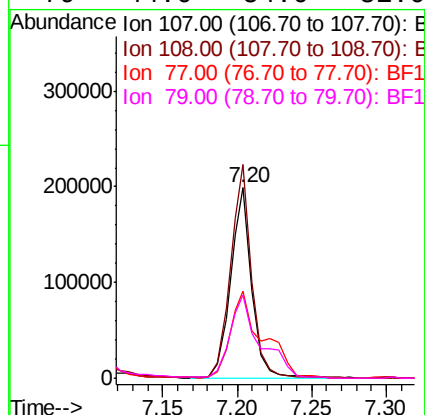
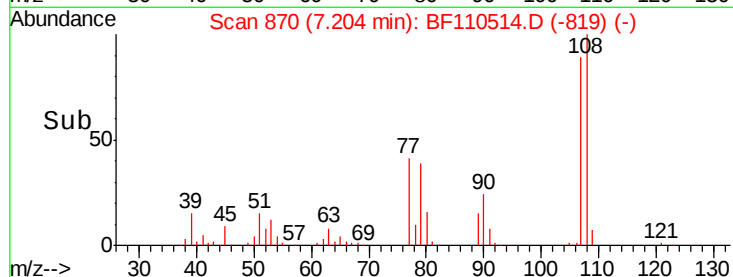
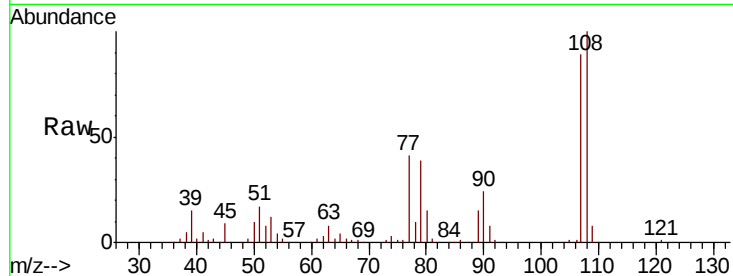




#17
2-Methylphenol
Concen: 40.065 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

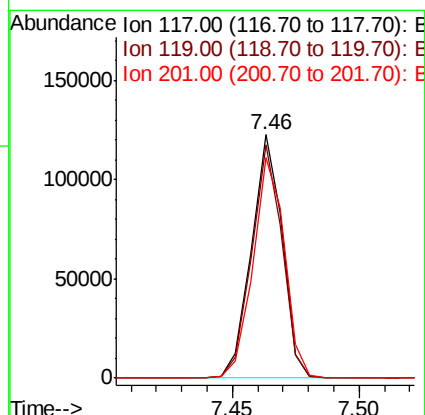
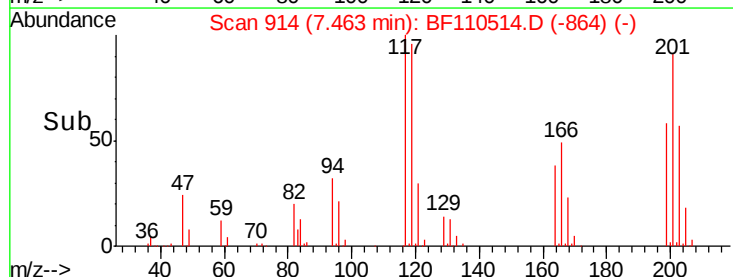
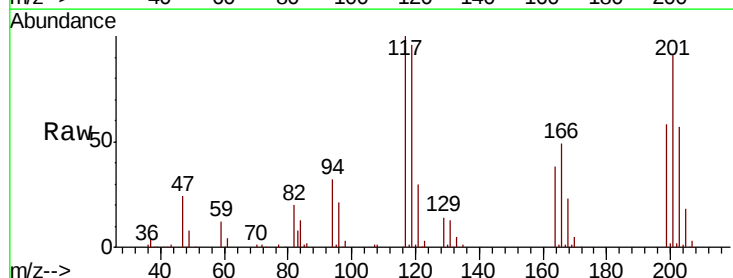
Instrument :
BNA_F
ClientSampleId :

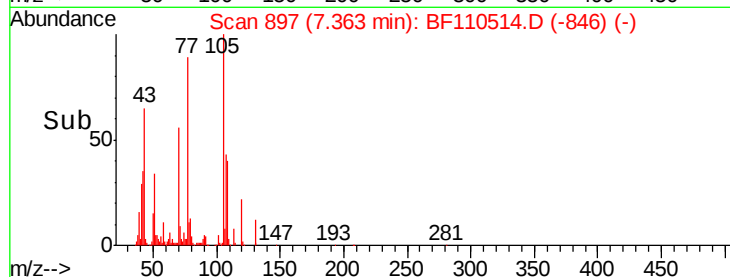
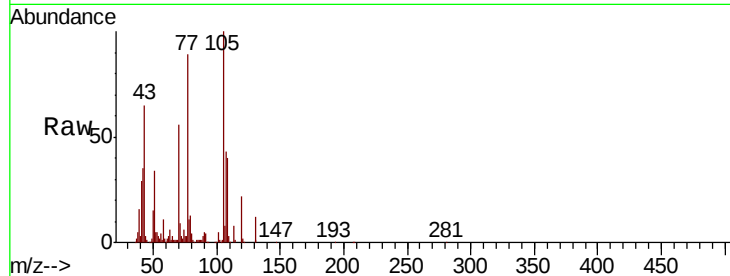
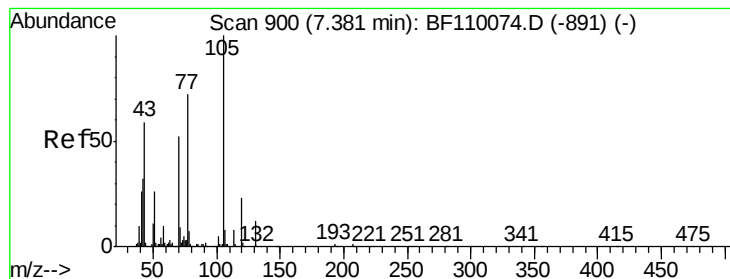
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	92.6	138.8
77	45.9	59.4	89.2#
79	44.0	54.0	81.0#



#18
Hexachloroethane
Concen: 41.208 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
201	90.8	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.502 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 173810

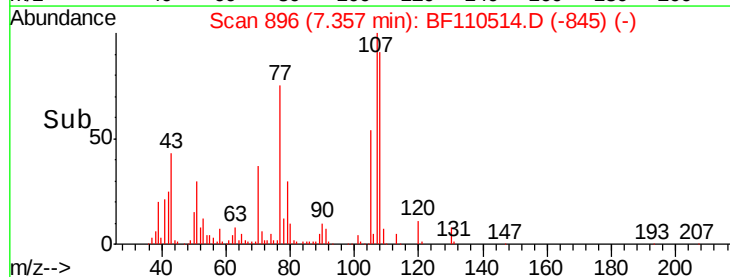
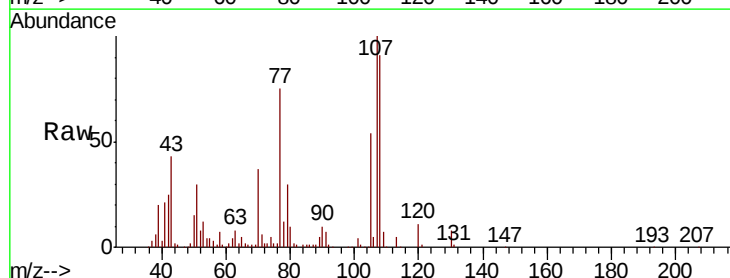
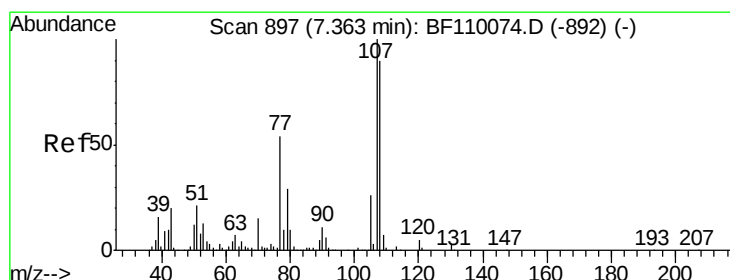
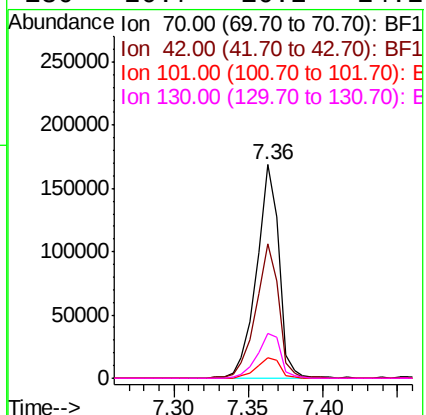
Ion Ratio Lower Upper

70 100

42 62.7 47.4 71.2

101 9.7 7.3 10.9

130 20.7 16.2 24.2



#20

3+4-Methylphenols

Concen: 40.072 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Tgt Ion:107 Resp: 255197

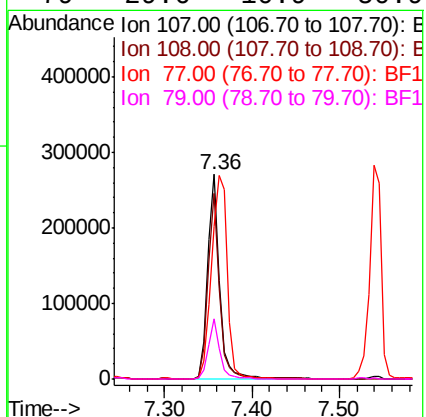
Ion Ratio Lower Upper

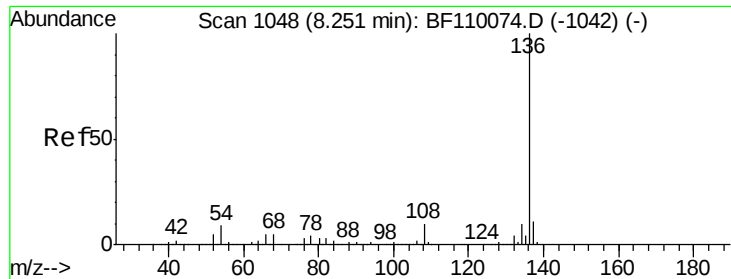
107 100

108 90.9 71.4 111.4

77 74.6 47.3 87.3

79 29.6 10.9 50.9

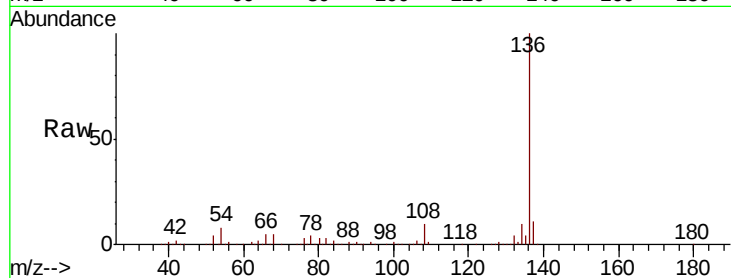




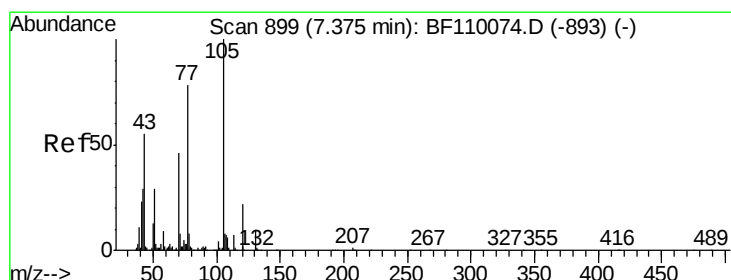
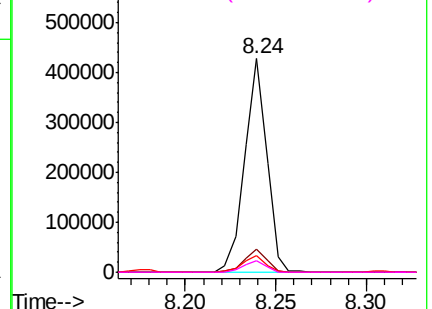
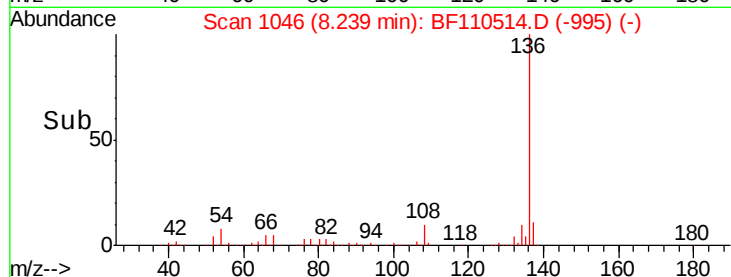
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	363419	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.9	5.4	8.2	
68 5.1	4.2	6.2	

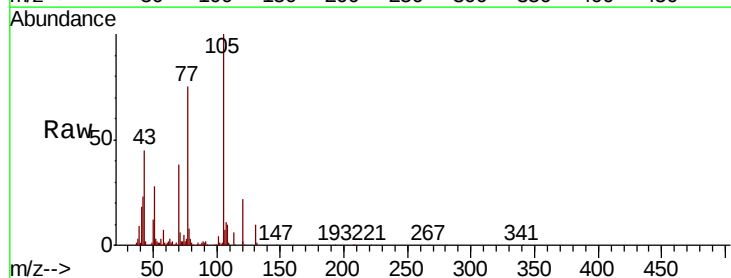


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

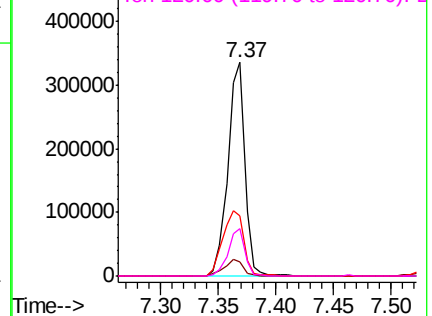
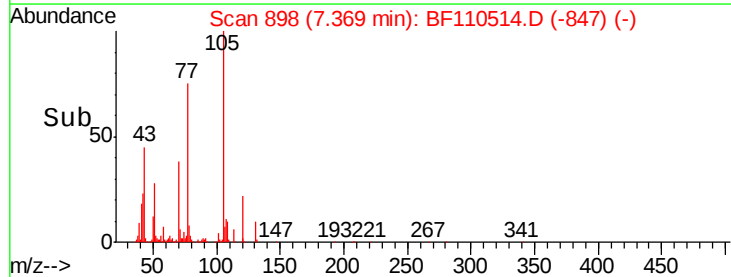


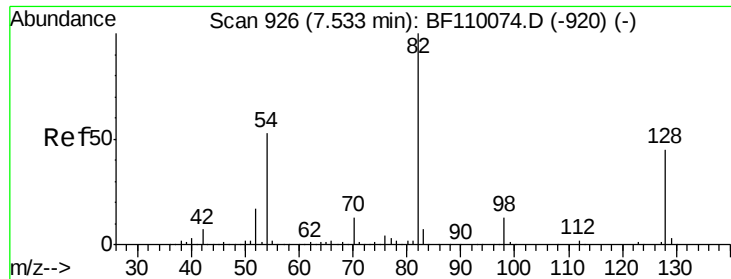
#22
Acetophenone
Concen: 41.125 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt	Ion:105	Resp:	344376
Ion	Ratio	Lower	Upper
105	100		
71	6.3	5.2	7.8
51	28.2	21.8	32.8
120	22.3	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

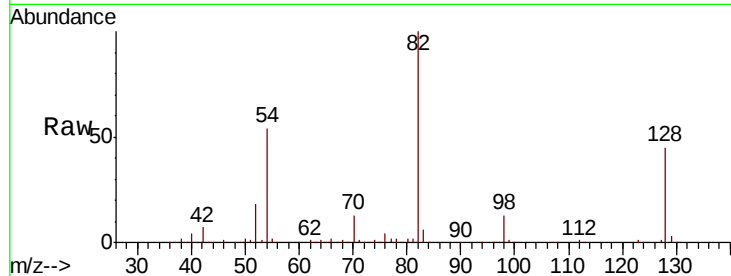




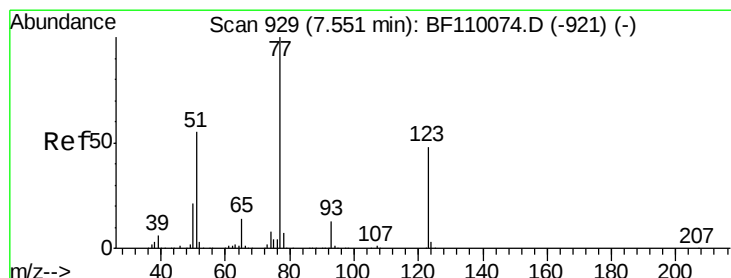
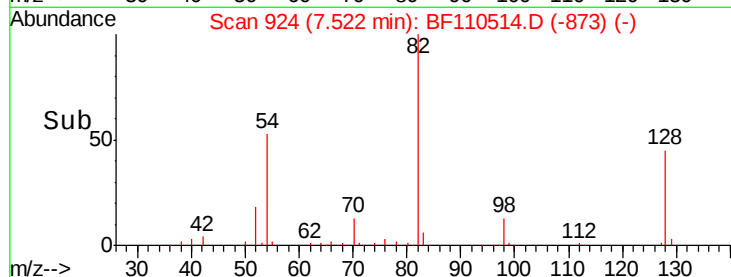
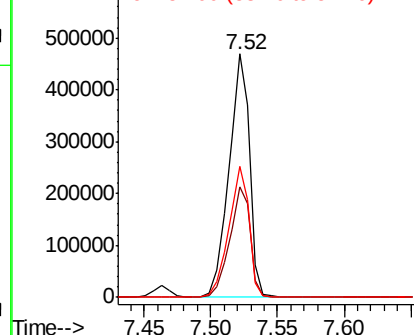
#23
 Nitrobenzene-d5
 Concen: 83.810 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 513511
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.2 51.2
 54 53.6 38.6 58.0

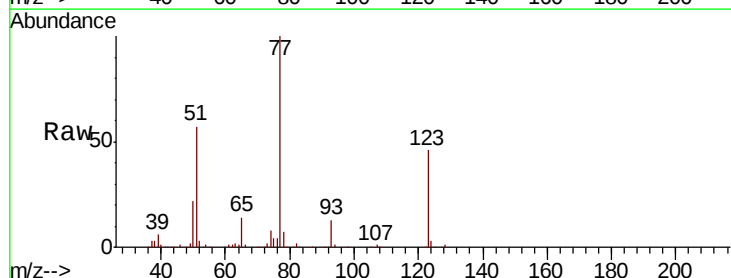


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

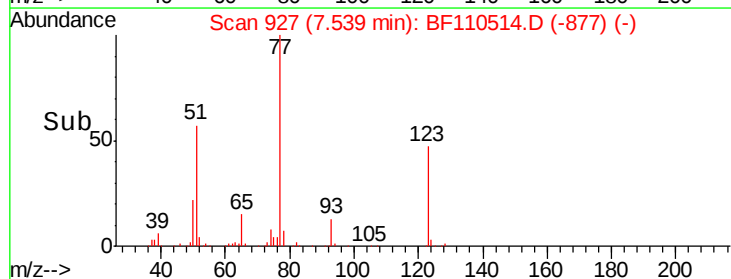
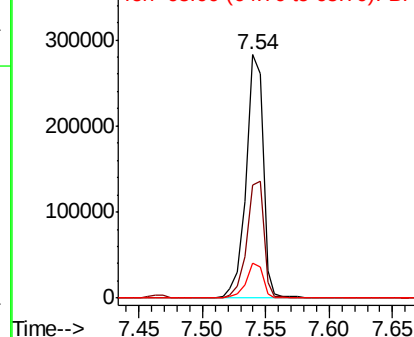


#24
 Nitrobenzene
 Concen: 41.270 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion: 77 Resp: 261063
 Ion Ratio Lower Upper
 77 100
 123 46.3 35.7 53.5
 65 14.5 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.676 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

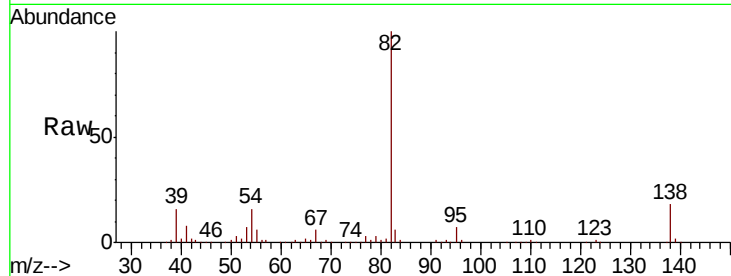
Tot Ion: 82 Resp: 414390

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

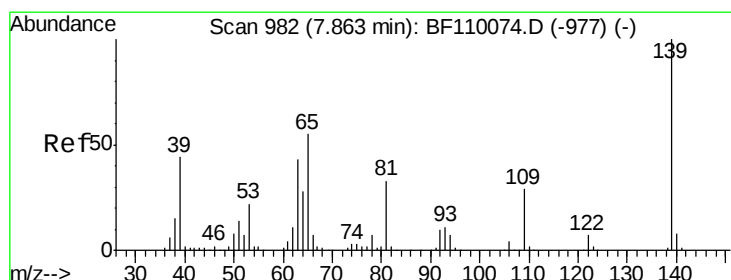
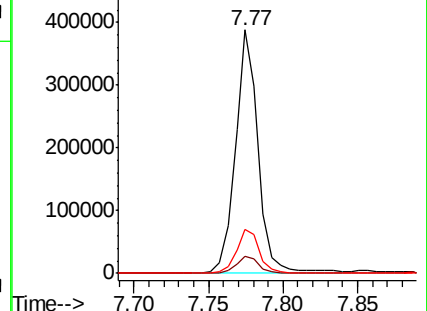
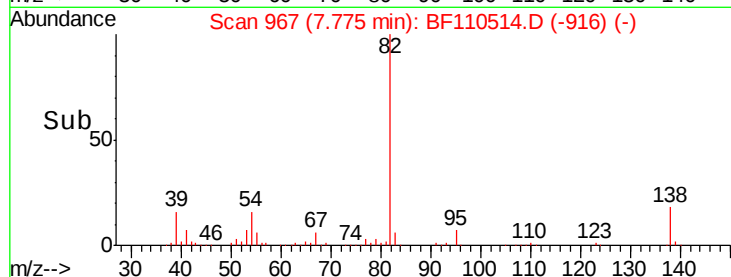
138 17.9 13.2 19.8



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



#26

2-Nitrophenol

Concen: 44.681 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

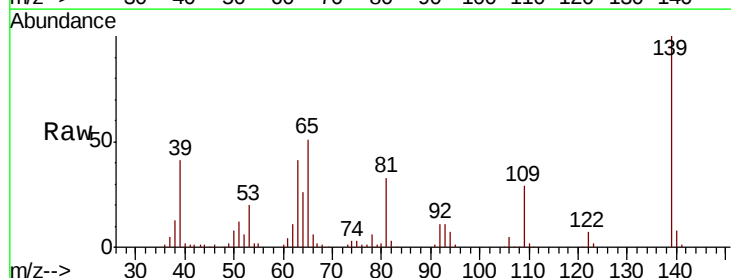
Tgt Ion: 139 Resp: 134501

Ion Ratio Lower Upper

139 100

109 29.5 25.0 37.6

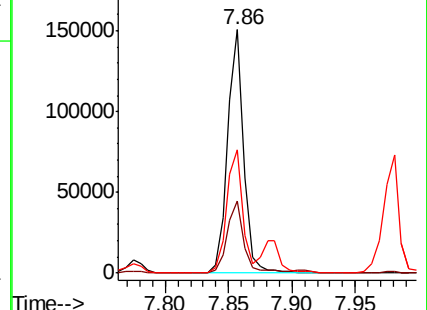
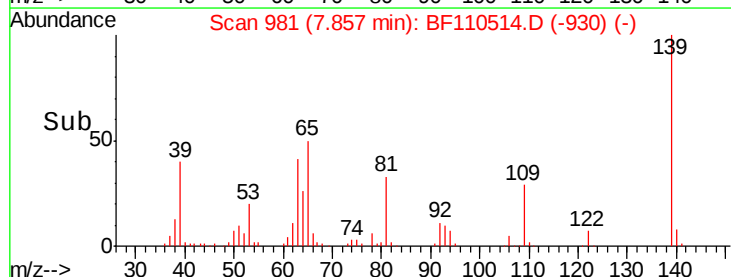
65 50.8 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 39.636 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

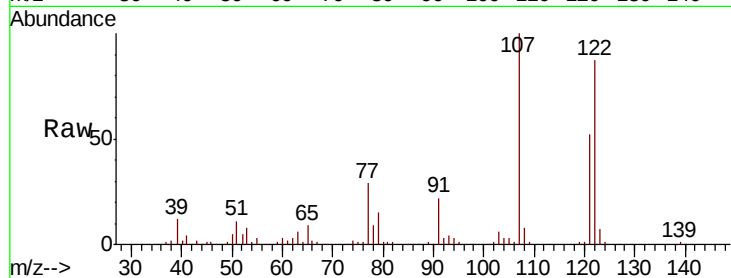
Tot Ion:122 Resp: 197815

Ion Ratio Lower Upper

122 100

107 114.5 92.5 138.7

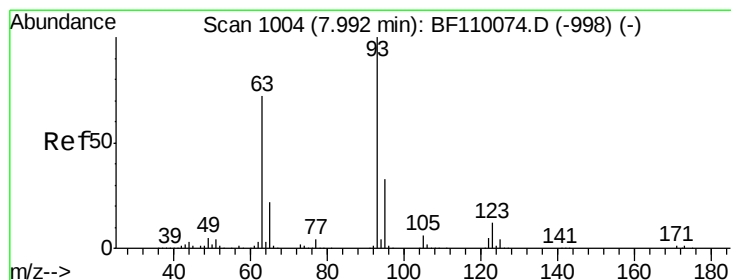
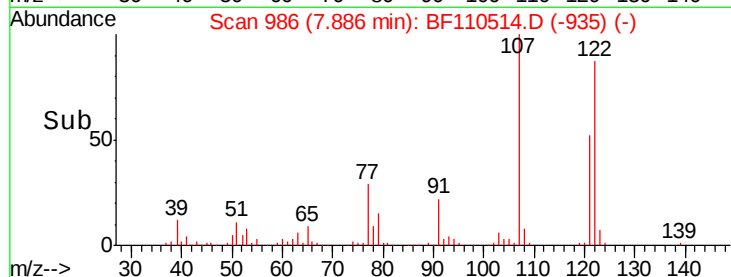
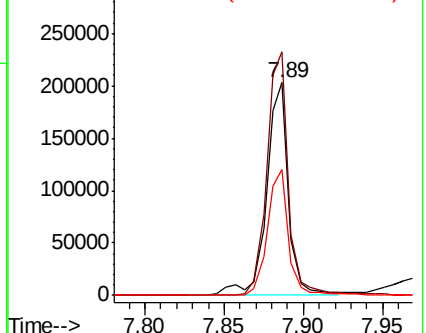
121 59.4 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.183 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

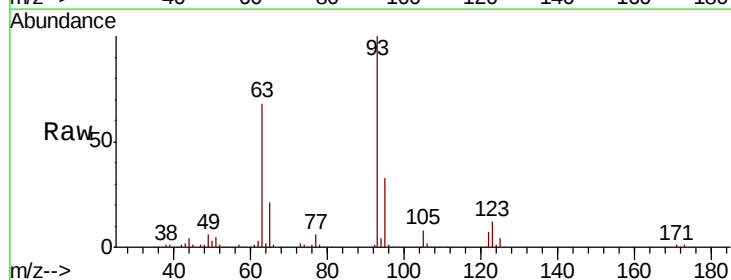
Tgt Ion: 93 Resp: 285106

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

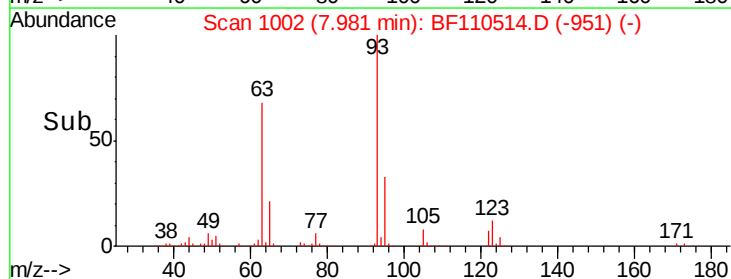
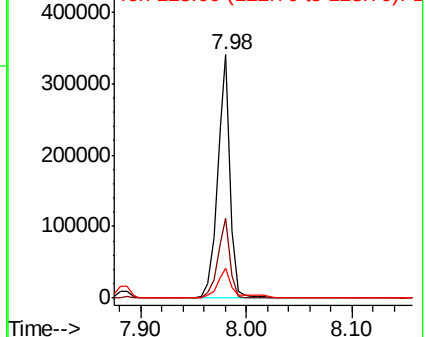
123 12.1 9.0 13.6

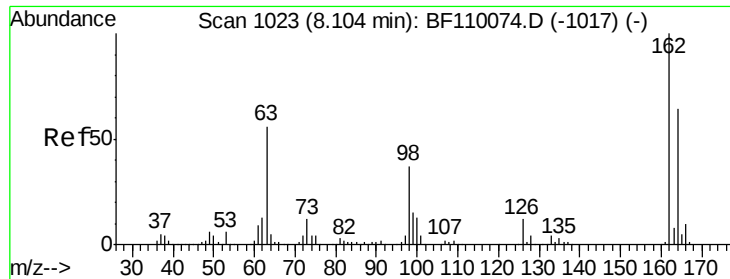


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

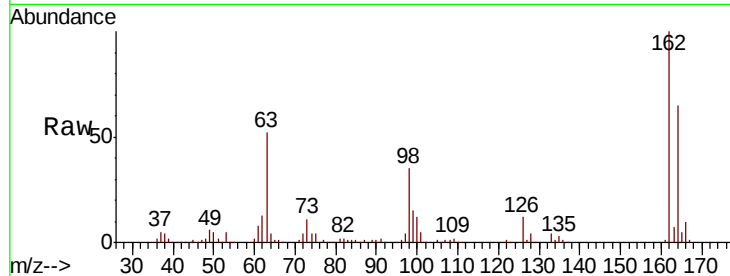




#29
 2,4-Dichlorophenol
 Concen: 41.302 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	35.5	17.4	57.4

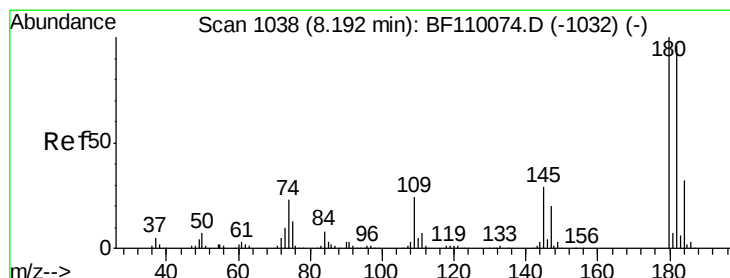
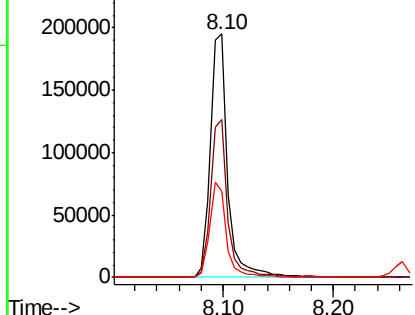
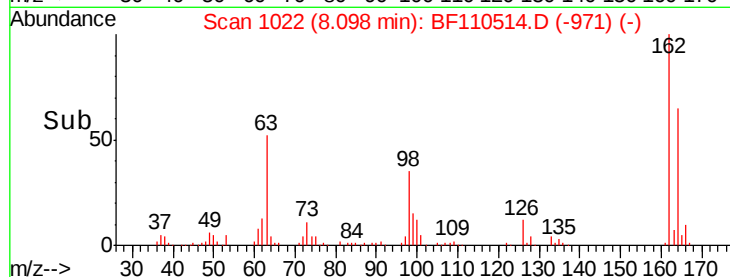


Abundance

Ion 162.00 (161.70 to 162.70): E

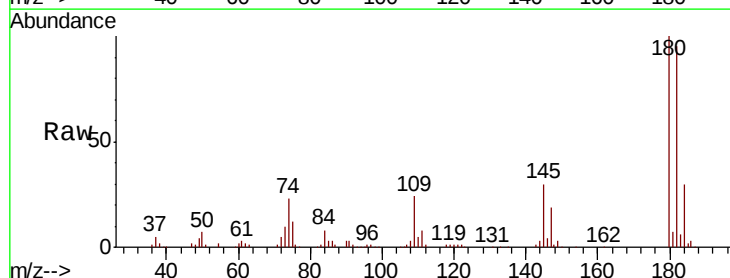
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.265 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	80.3	120.5
145	29.6	25.4	38.0

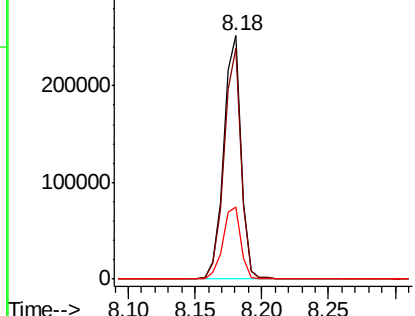
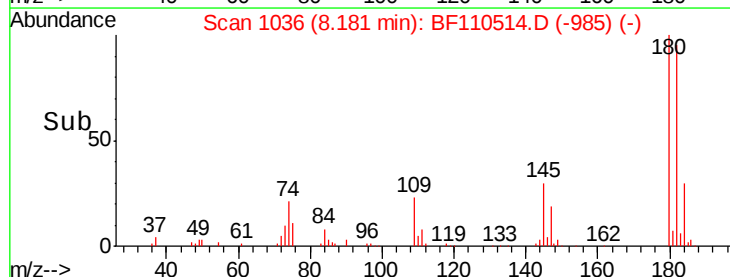


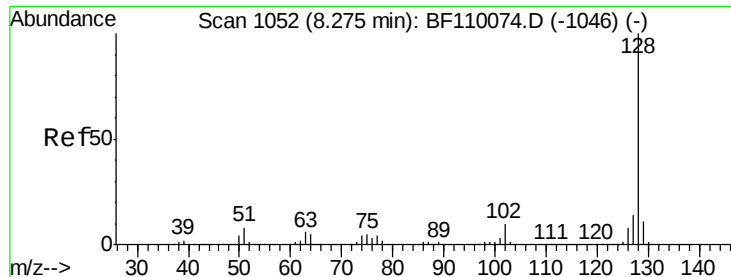
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

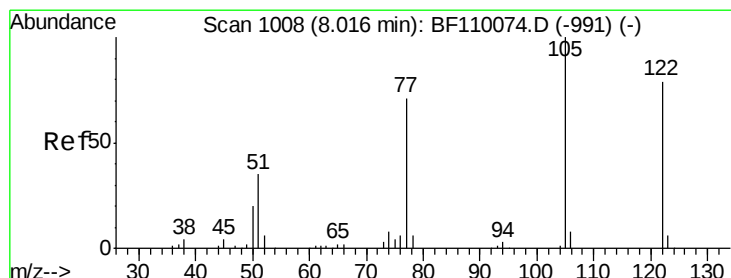
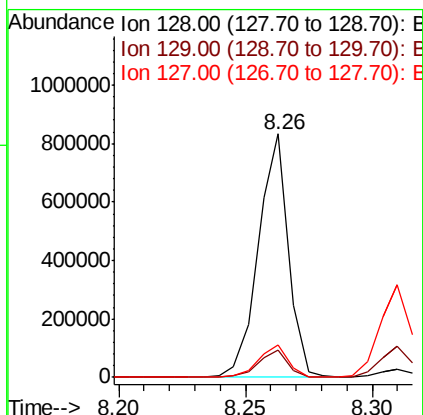
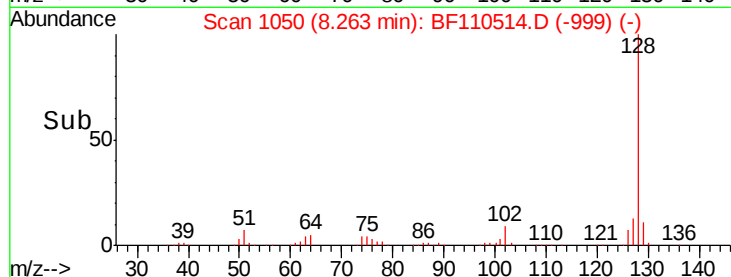
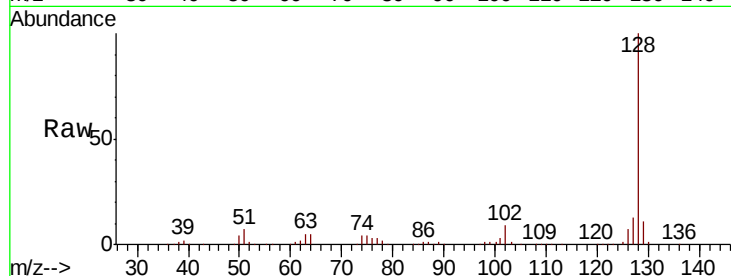




#31
Naphthalene
Concen: 40.960 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

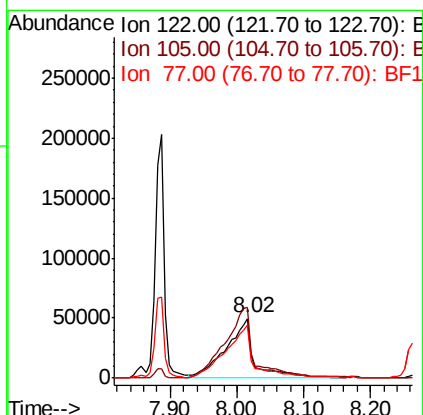
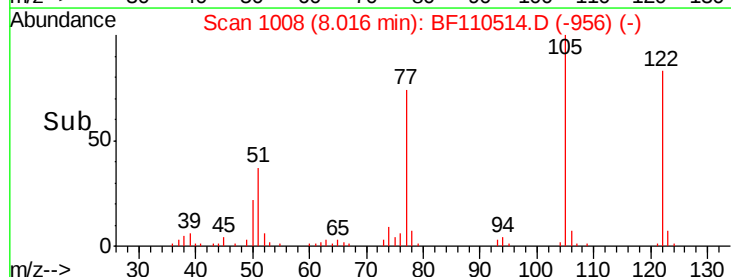
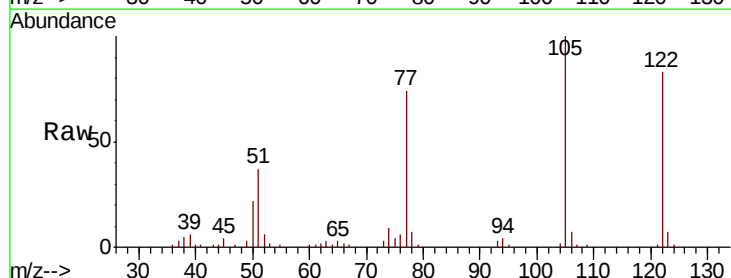
Instrument :
BNA_F
ClientSampled :

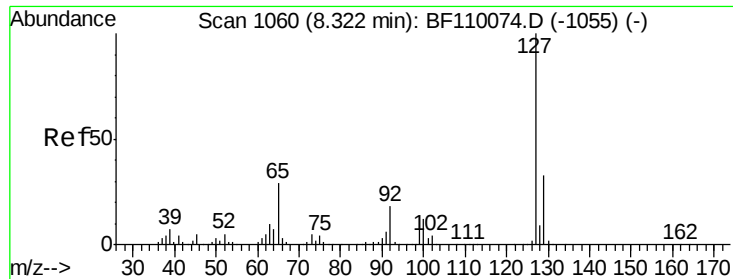
Tot Ion:128 Resp: 686065
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 37.431 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:122 Resp: 144382
Ion Ratio Lower Upper
122 100
105 120.4 109.0 149.0
77 88.6 79.0 119.0

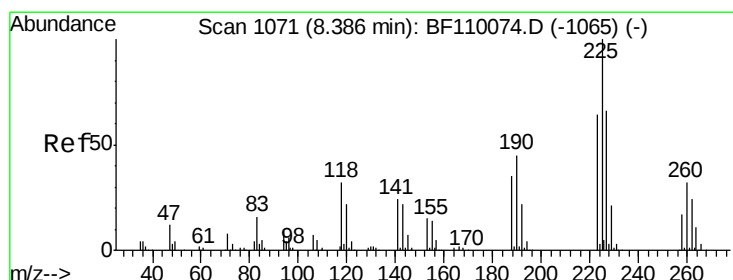
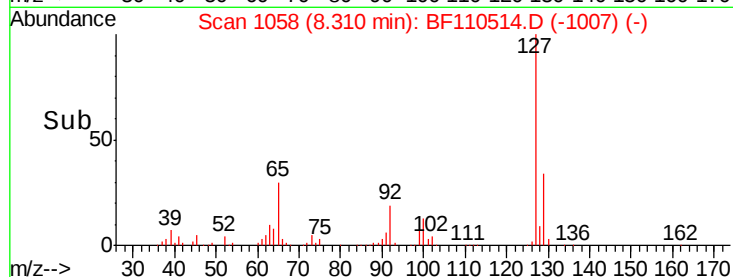
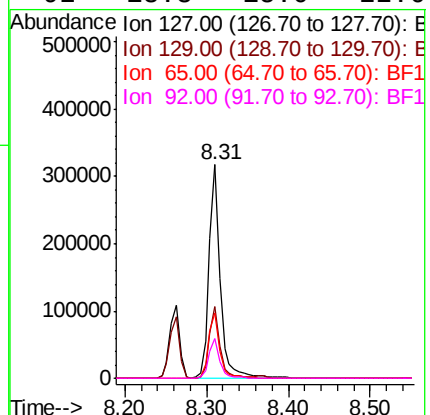
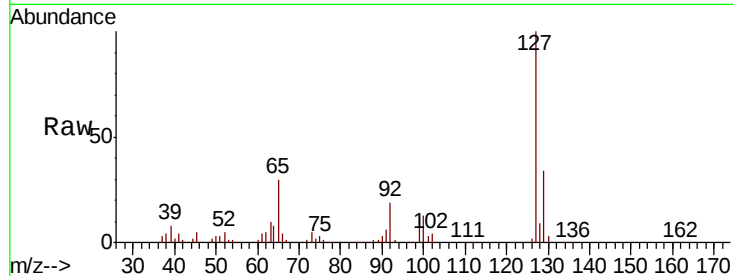




#33
4-Chloroaniline
Concen: 40.370 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

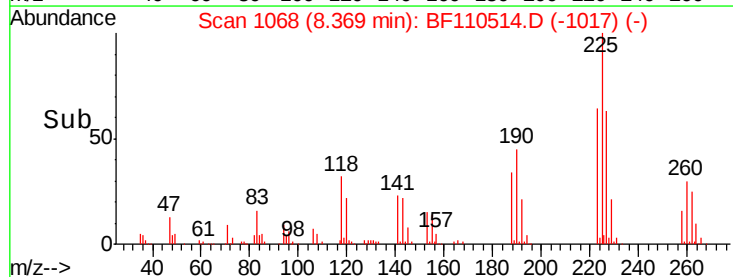
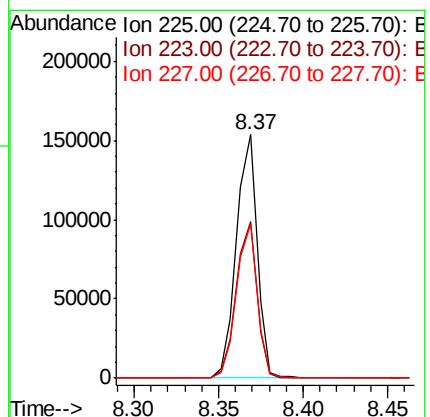
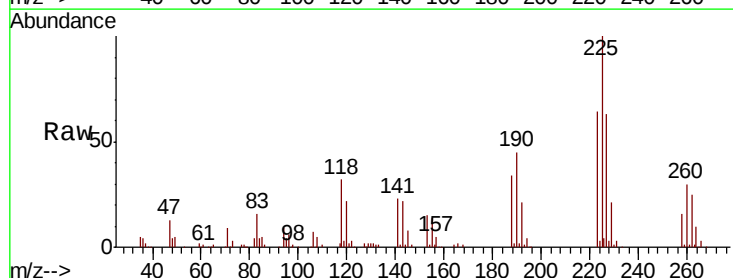
Instrument :
BNA_F
ClientSampleId :

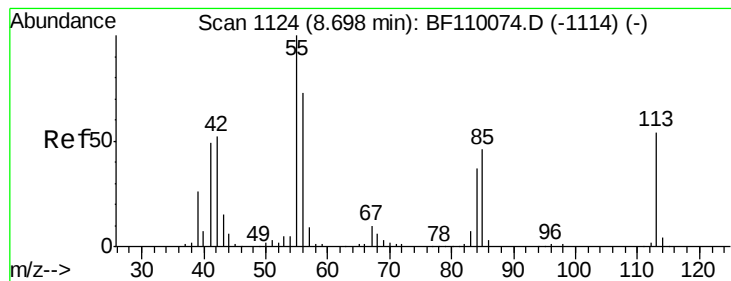
Tot Ion:	127	Resp:	304319
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.0	39.0
65	30.3	25.1	37.7
92	18.8	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.909 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:	225	Resp:	131422
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.4	77.2
227	63.2	51.0	76.6





#35

Caprolactam

Concen: 39.987 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

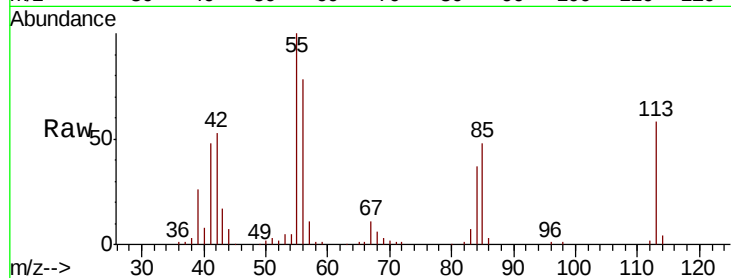
Tot Ion:113 Resp: 70273

Ion Ratio Lower Upper

113 100

55 172.3 142.8 182.8

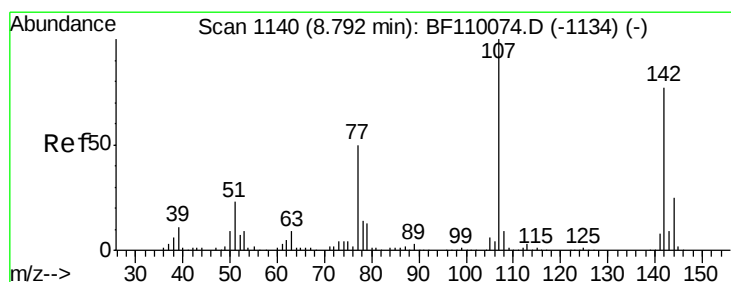
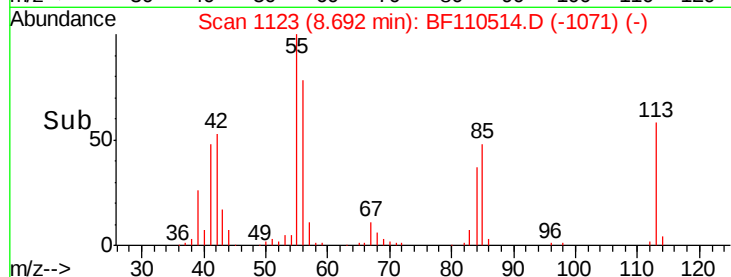
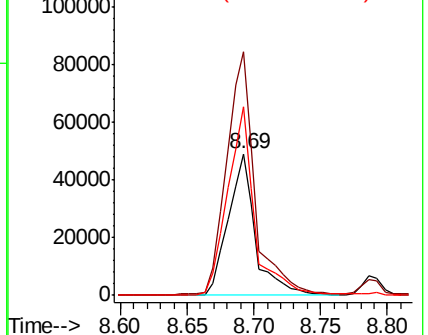
56 133.7 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.962 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

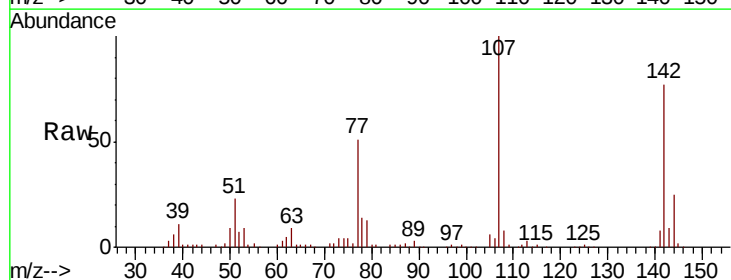
Tgt Ion:107 Resp: 223344

Ion Ratio Lower Upper

107 100

144 25.2 20.0 30.0

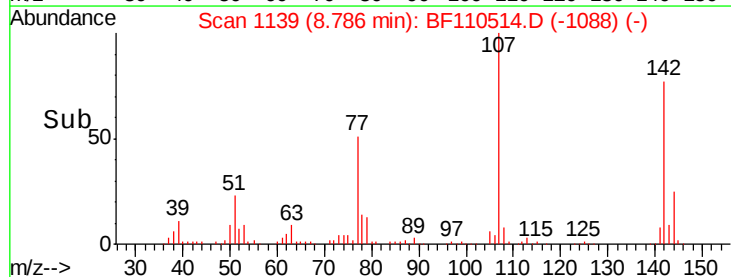
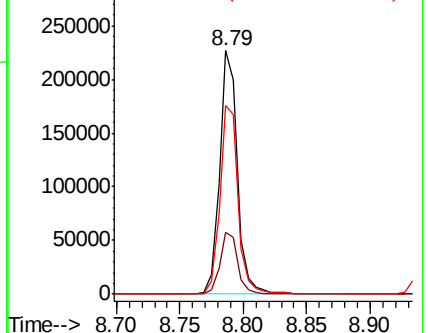
142 77.4 59.7 89.5

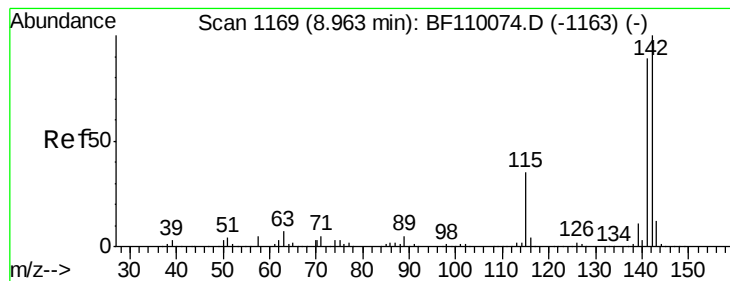


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.129 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

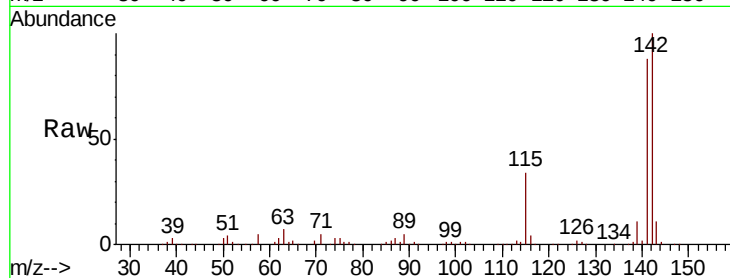
Tot Ion:142 Resp: 455798

Ion Ratio Lower Upper

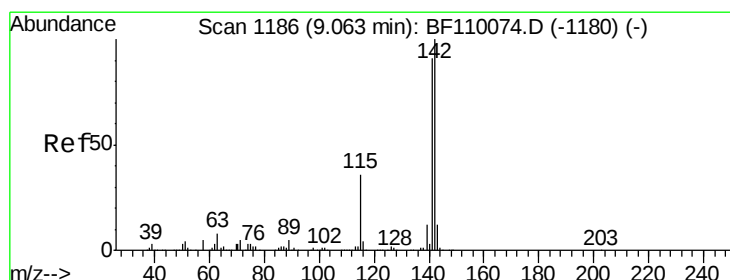
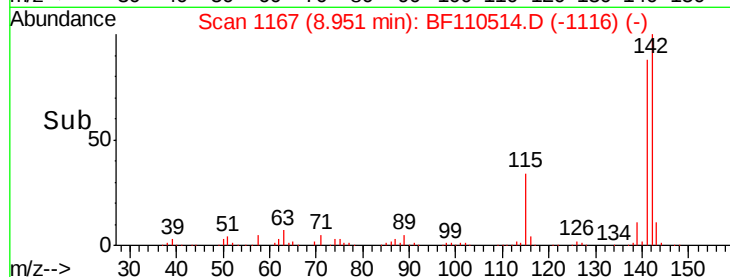
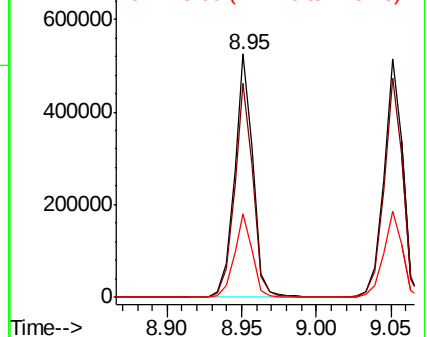
142 100

141 87.8 71.4 107.2

115 34.3 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.818 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

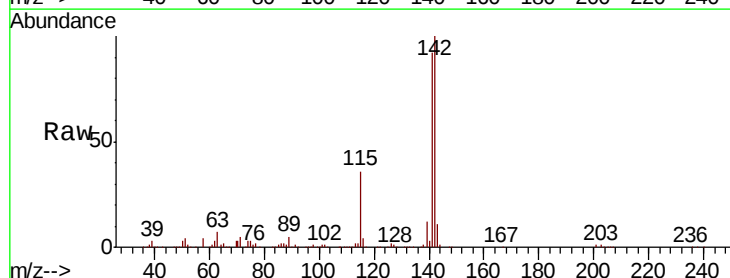
Tgt Ion:142 Resp: 437135

Ion Ratio Lower Upper

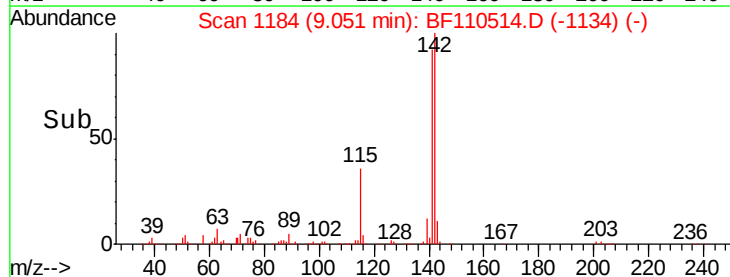
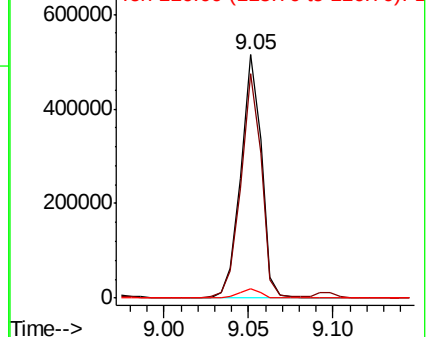
142 100

141 92.0 74.2 111.4

116 3.8 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

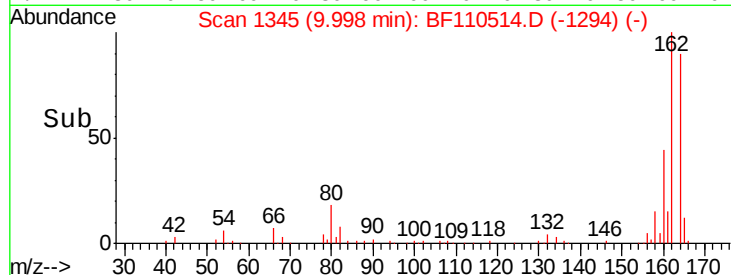
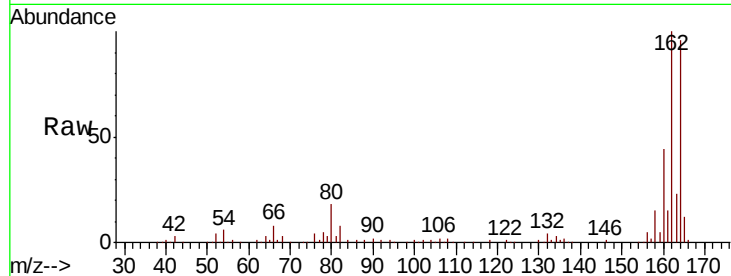
Tot Ion:164 Resp: 174254

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

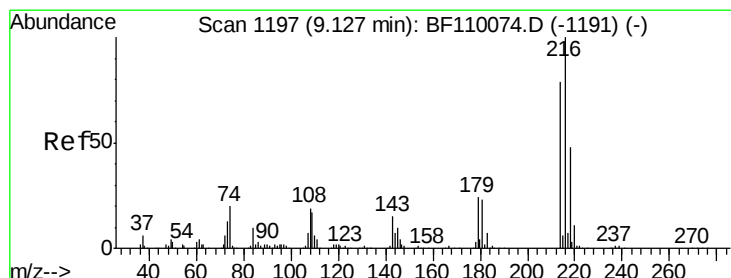
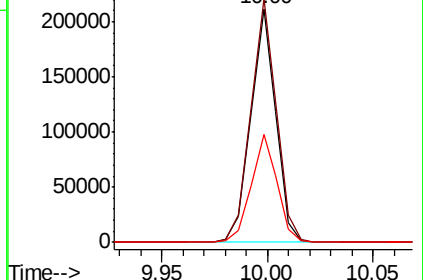
160 46.0 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.381 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Tgt Ion:216 Resp: 224672

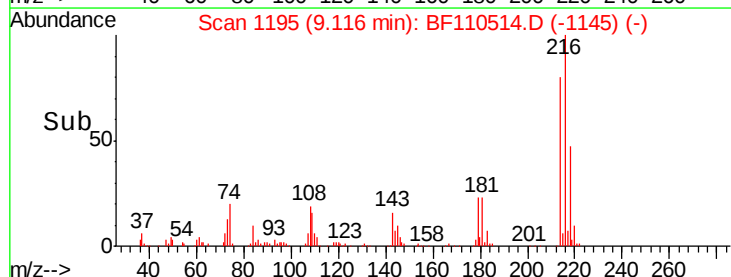
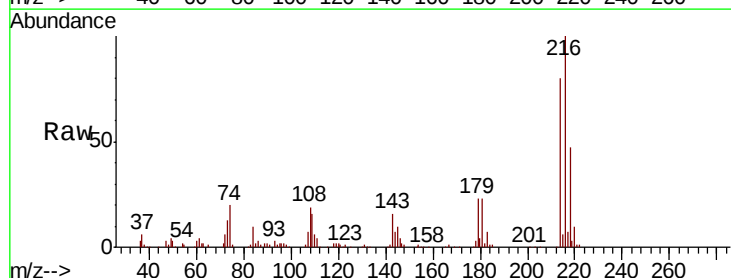
Ion Ratio Lower Upper

216 100

214 78.2 63.8 95.6

179 22.5 16.6 25.0

108 18.9 15.1 22.7

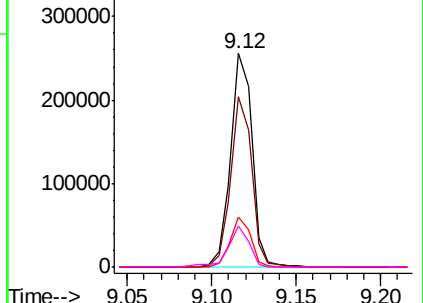


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 24.835 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

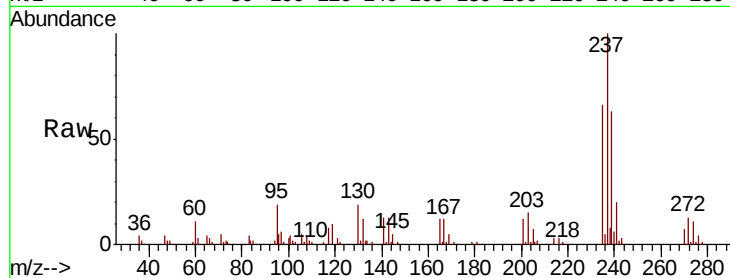
Tot Ion:237 Resp: 68948

Ion Ratio Lower Upper

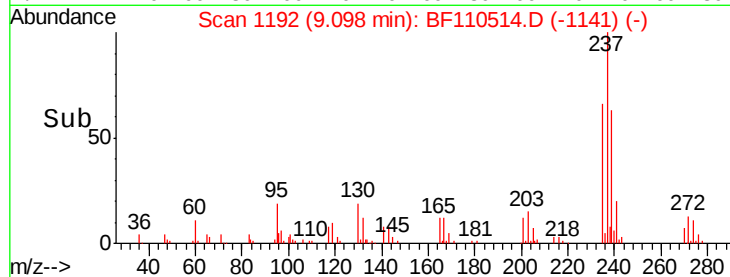
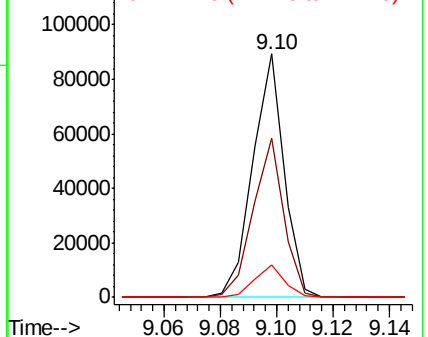
237 100

235 65.6 43.1 83.1

272 13.1 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.474 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

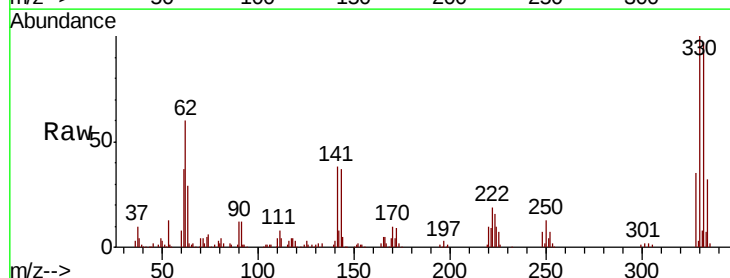
Tgt Ion:330 Resp: 138907

Ion Ratio Lower Upper

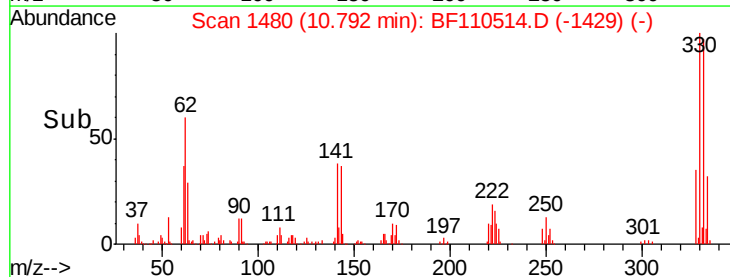
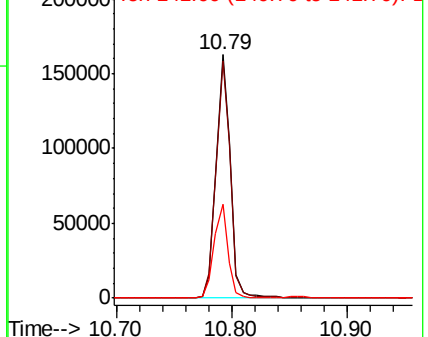
330 100

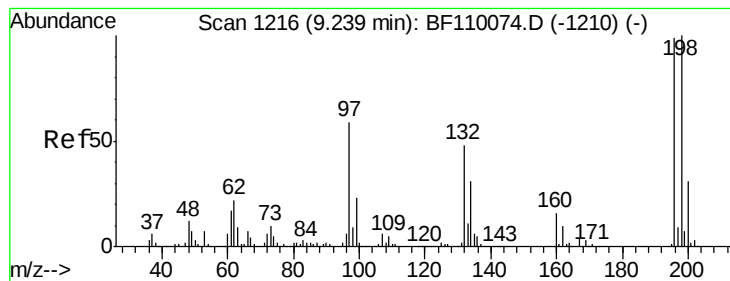
332 98.5 77.1 115.7

141 37.8 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





#43

2,4,6-Trichlorophenol

Concen: 40.446 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

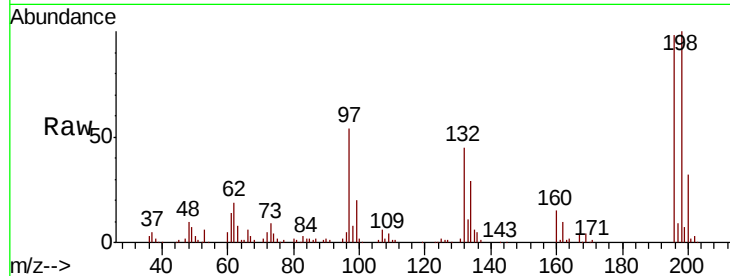
Tot Ion:196 Resp: 141637

Ion Ratio Lower Upper

196 100

198 102.2 76.2 114.4

200 32.6 24.4 36.6

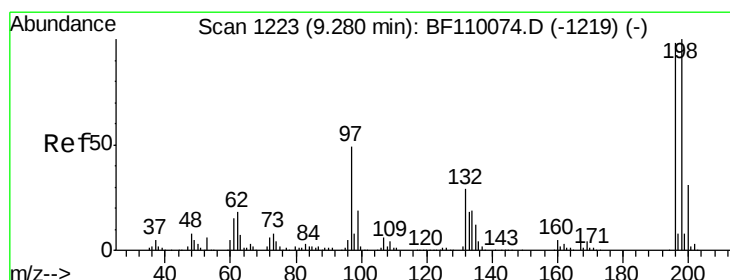
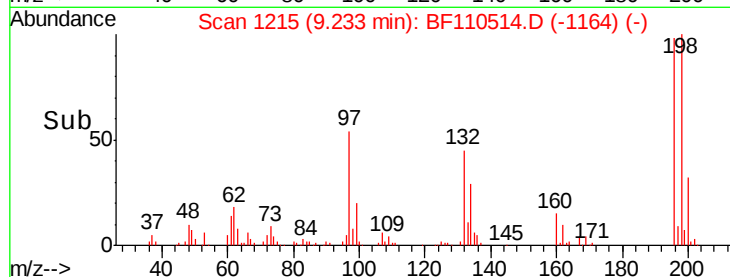
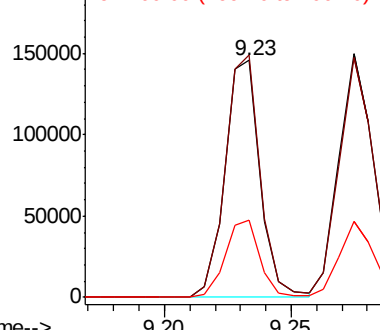


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.294 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Tgt Ion:196 Resp: 152854

Ion Ratio Lower Upper

196 100

198 98.7 75.8 113.6

97 53.7 42.4 63.6

132 30.5 22.8 34.2

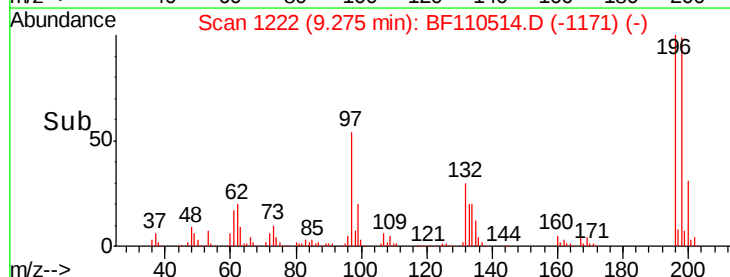
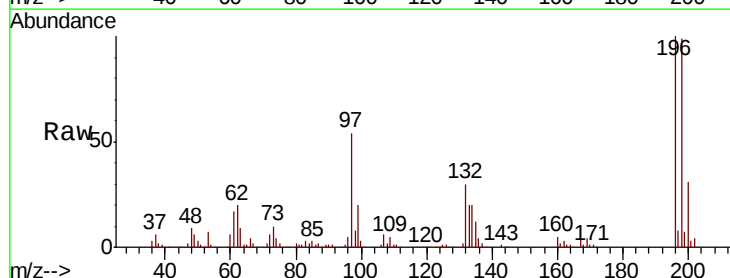
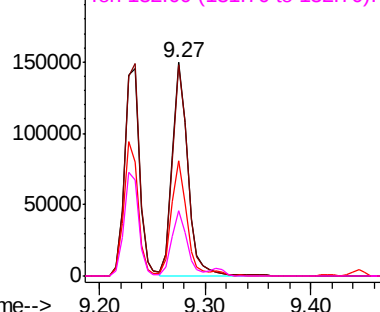
Abundance

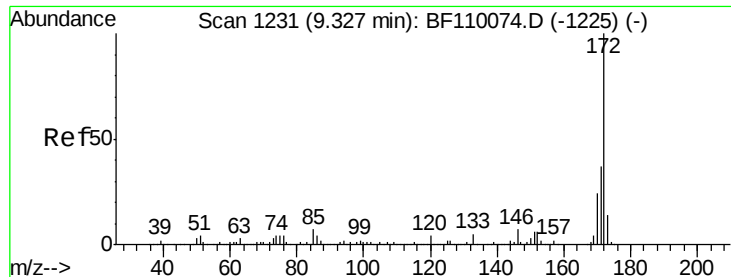
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

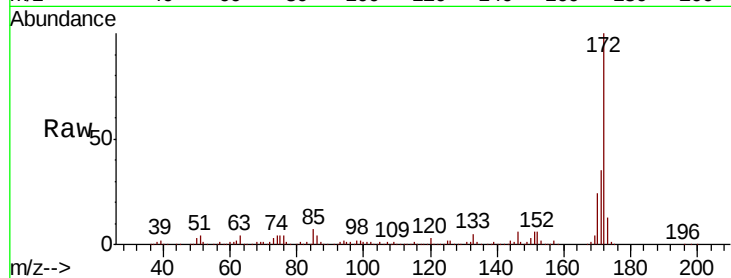




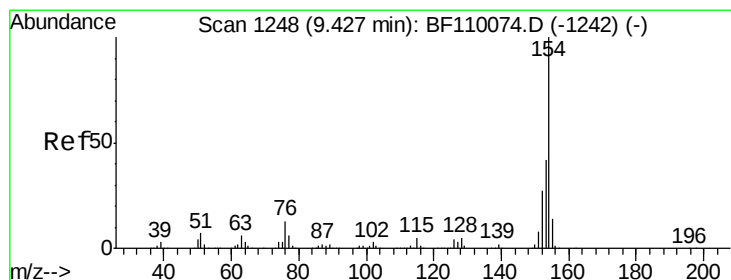
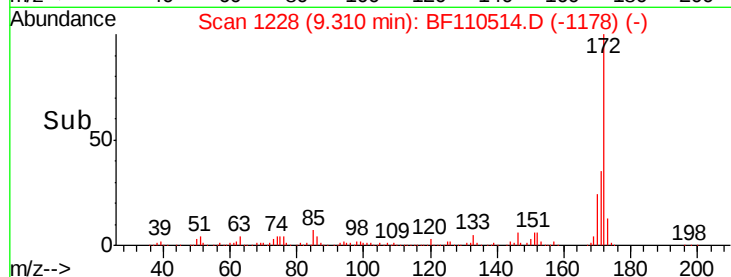
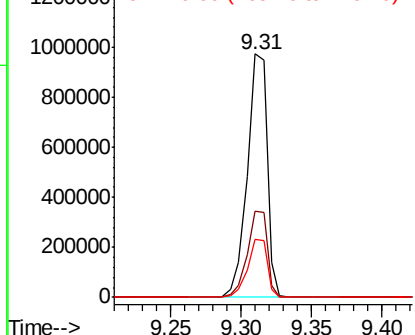
#45
 2-Fluorobiphenyl
 Concen: 87.074 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 966274
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.6 19.7 29.5

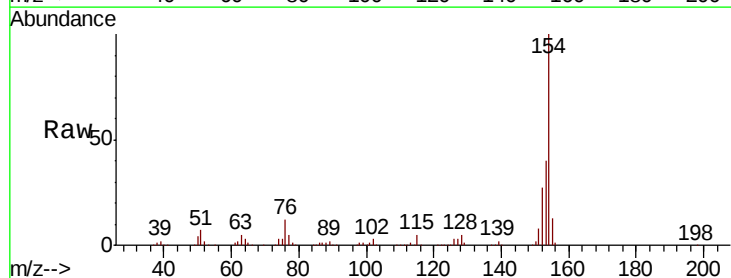


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

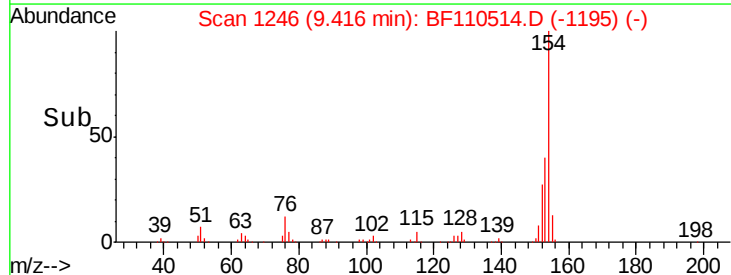
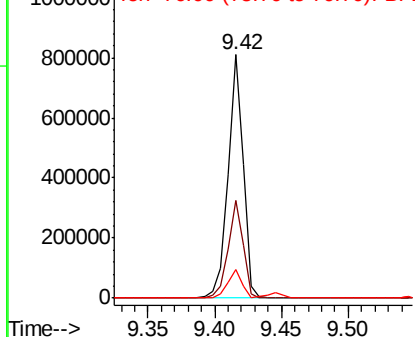


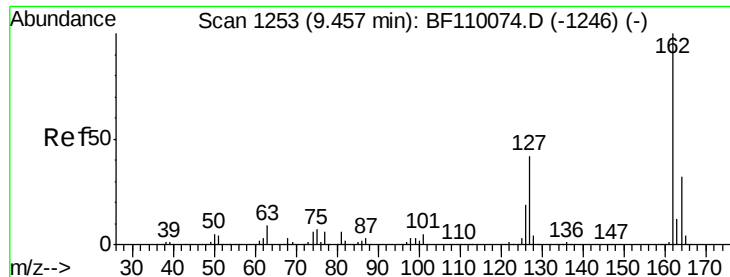
#46
 1,1'-Biphenyl
 Concen: 41.309 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion:154 Resp: 650932
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.4 60.4
 76 11.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

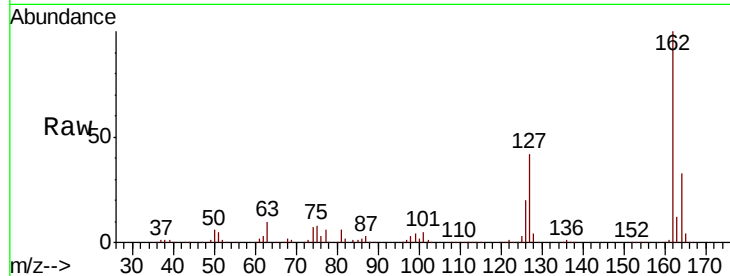




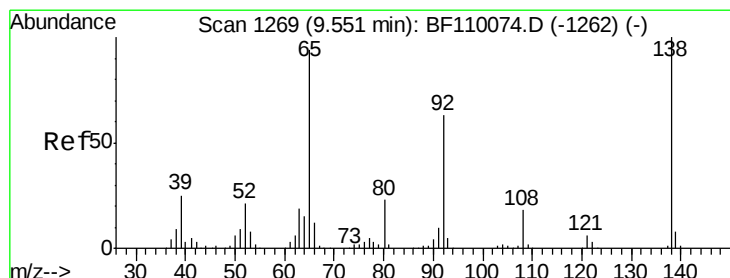
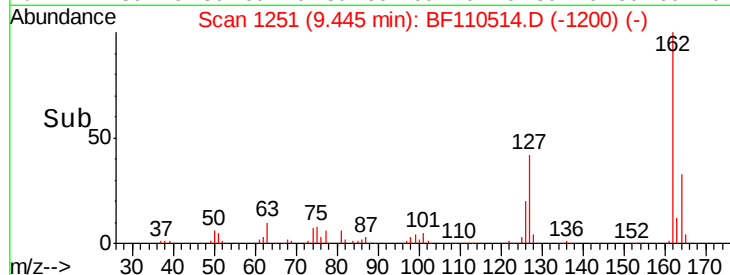
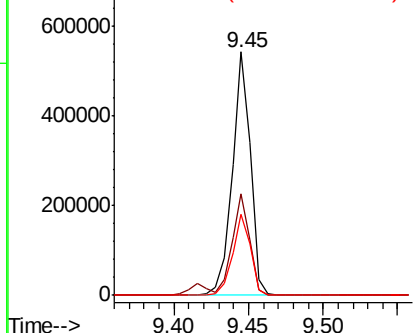
#47
 2-Chloronaphthalene
 Concen: 40.375 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.6	48.8
164	33.1	25.9	38.9

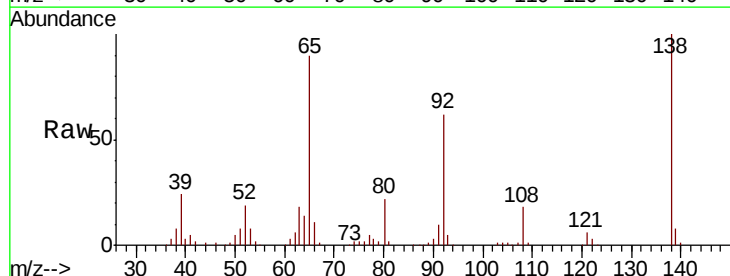


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

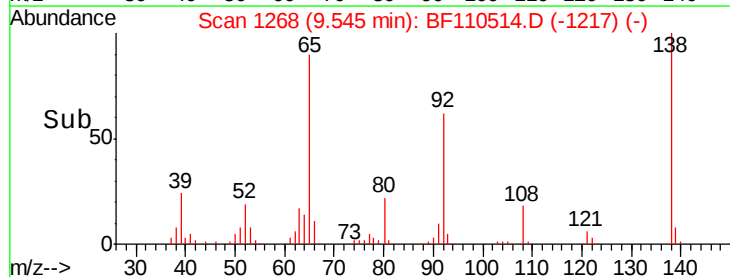
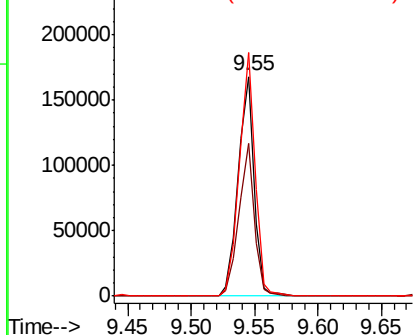


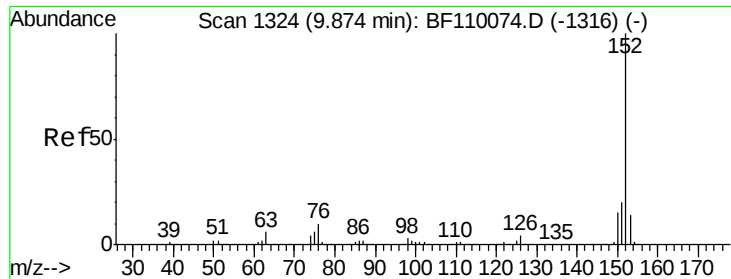
#48
 2-Nitroaniline
 Concen: 41.294 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	81.8
138	110.9	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.552 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

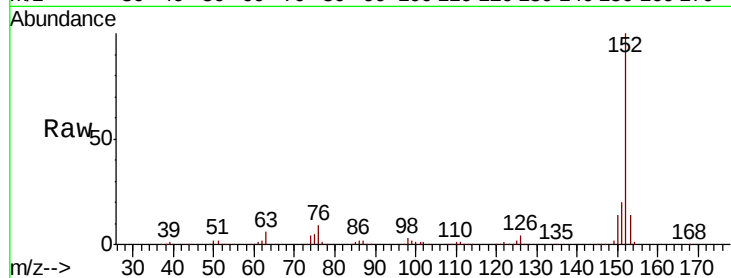
Tot Ion:152 Resp: 677008

Ion Ratio Lower Upper

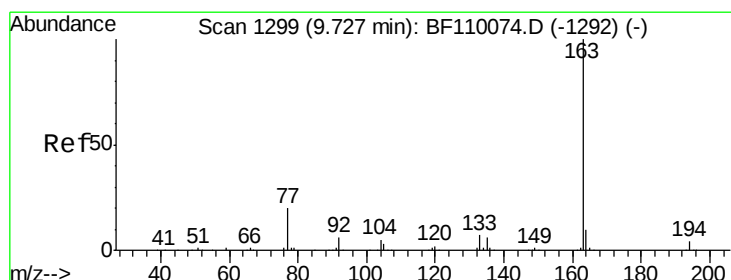
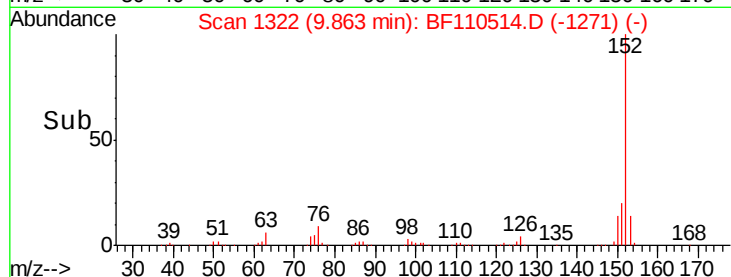
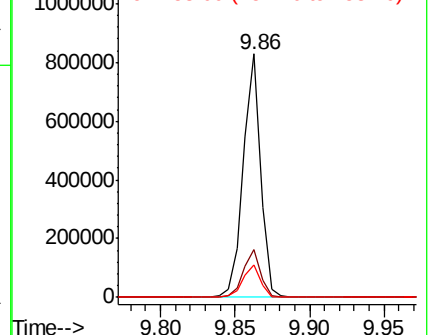
152 100

151 19.7 15.8 23.8

153 13.5 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.096 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

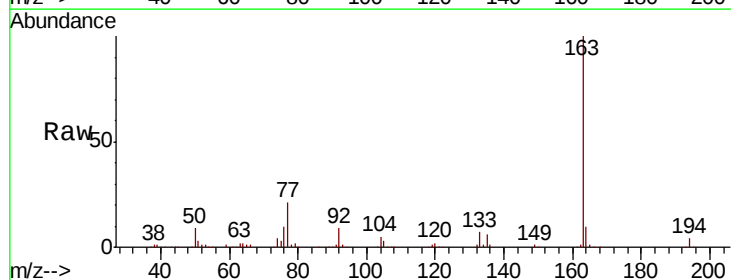
Tgt Ion:163 Resp: 515757

Ion Ratio Lower Upper

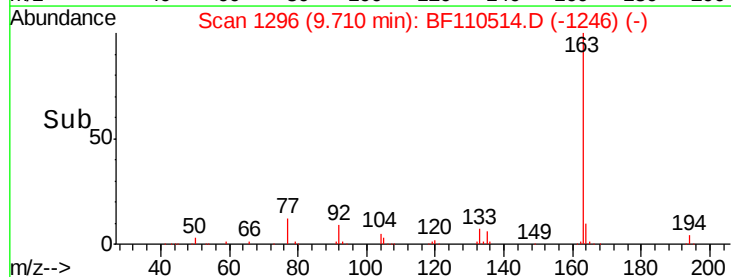
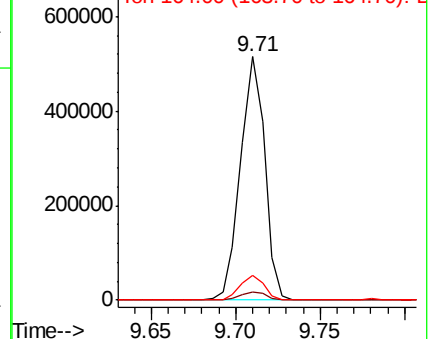
163 100

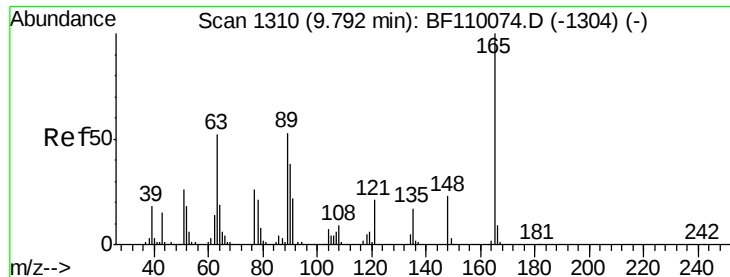
194 3.6 3.2 4.8

164 10.2 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





#51

2,6-Dinitrotoluene

Concen: 41.779 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

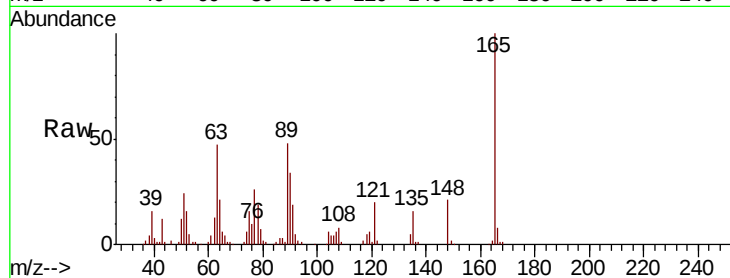
Tot Ion:165 Resp: 115759

Ion Ratio Lower Upper

165 100

63 47.4 48.9 73.3#

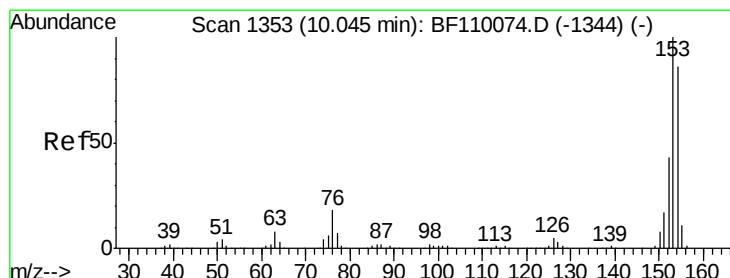
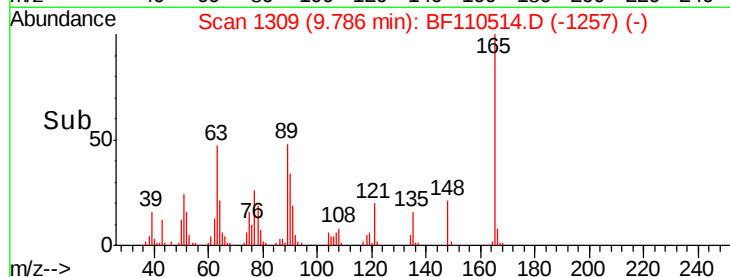
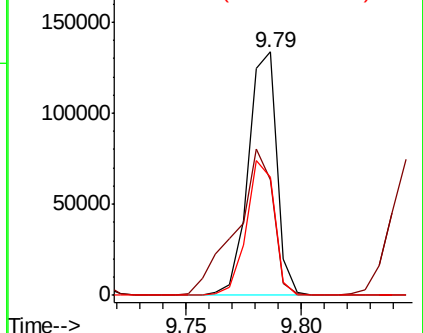
89 48.4 46.6 69.8



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

Acenaphthene

Concen: 38.177 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

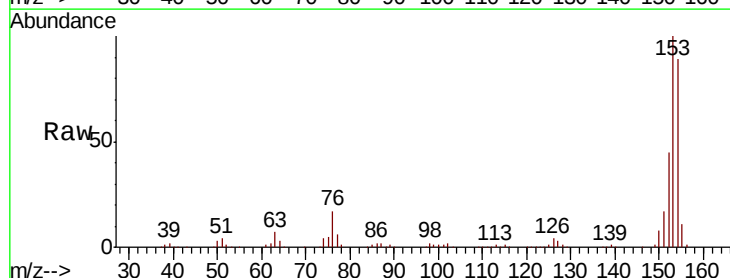
Tgt Ion:154 Resp: 421648

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

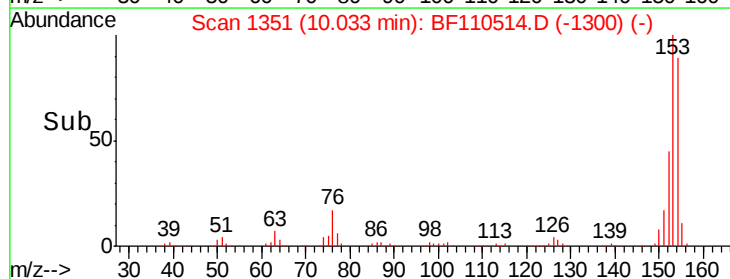
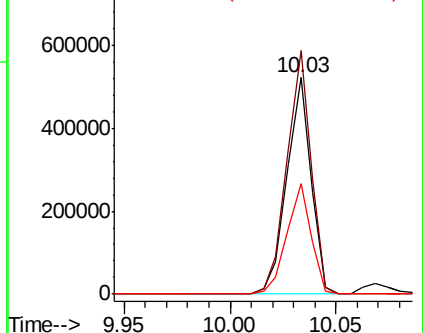
152 51.1 43.4 65.2

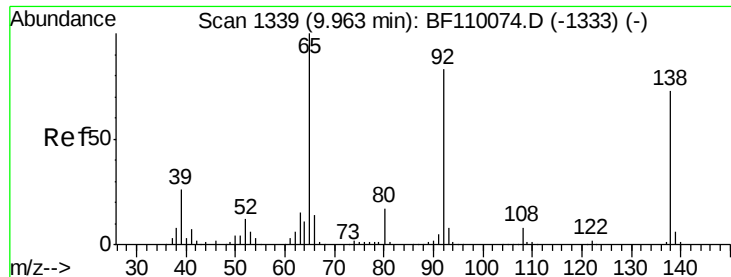


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

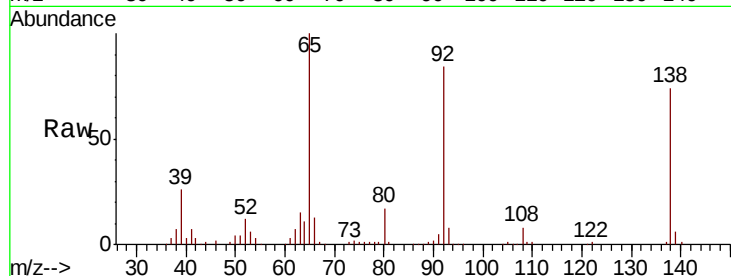




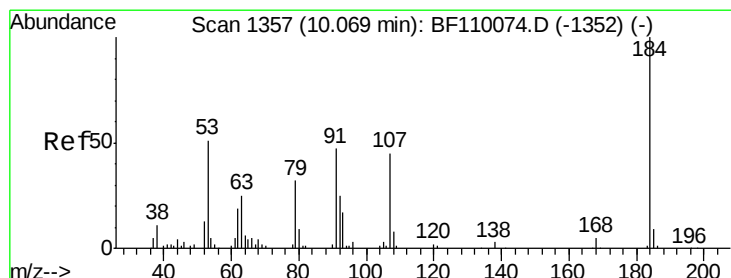
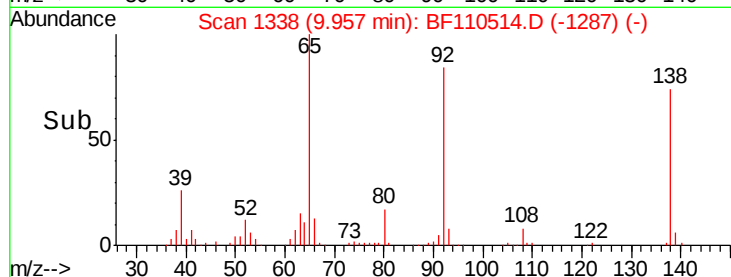
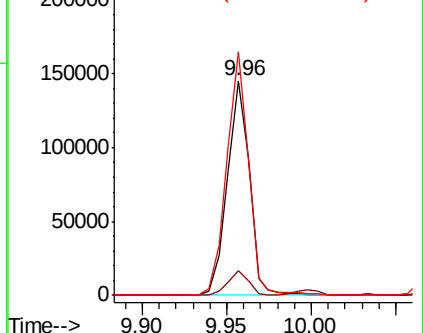
#53
3-Nitroaniline
Concen: 39.797 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 131127
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 113.5 97.0 145.4

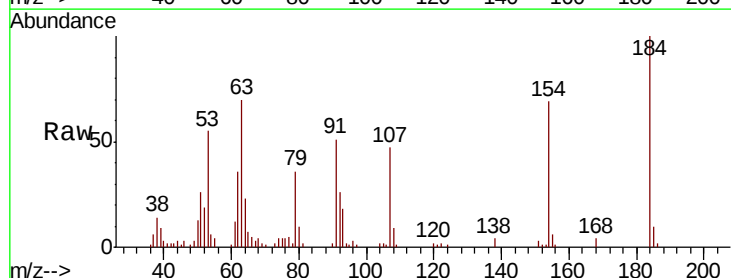


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

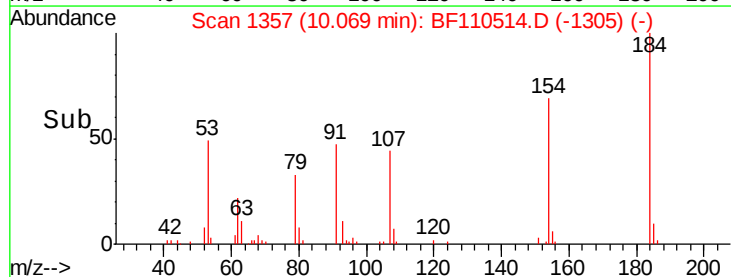
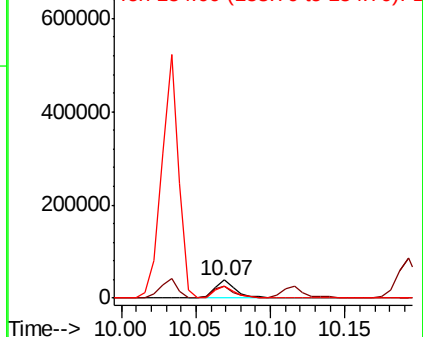


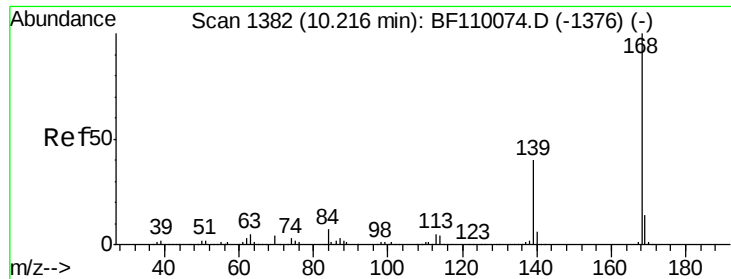
#54
2,4-Dinitrophenol
Concen: 38.112 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:184 Resp: 38724
Ion Ratio Lower Upper
184 100
63 70.3 55.8 83.6
154 68.9 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

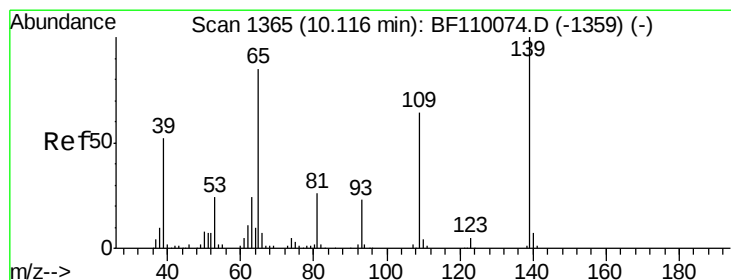
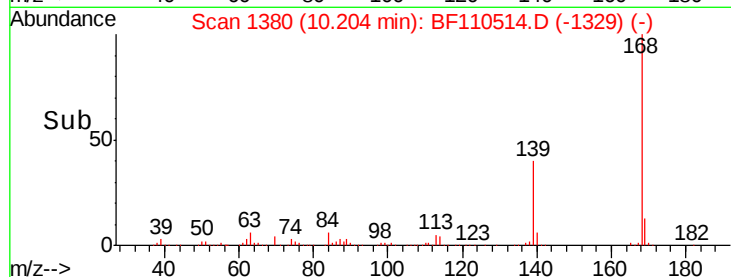
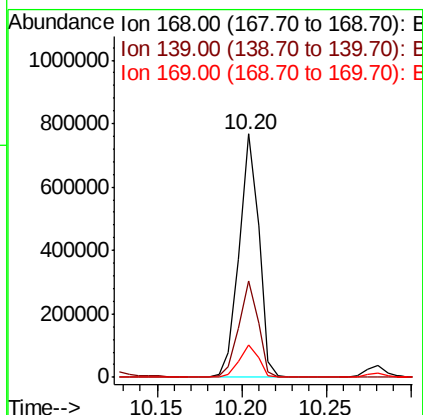
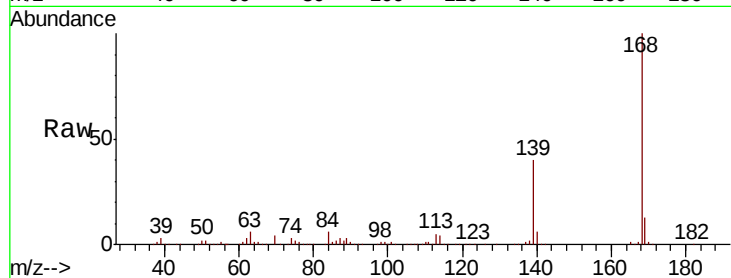




#55
Dibenzofuran
Concen: 40.305 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

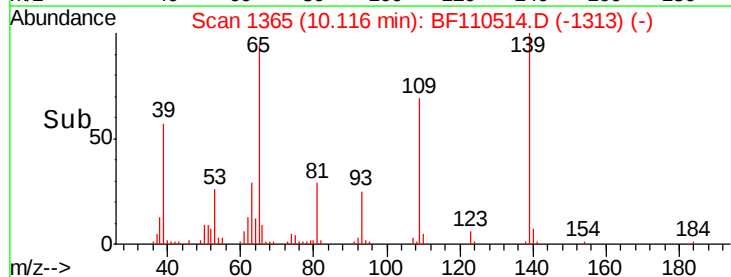
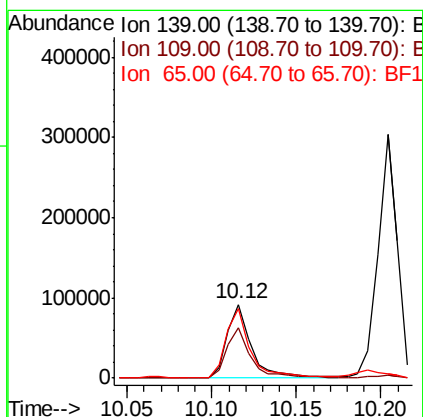
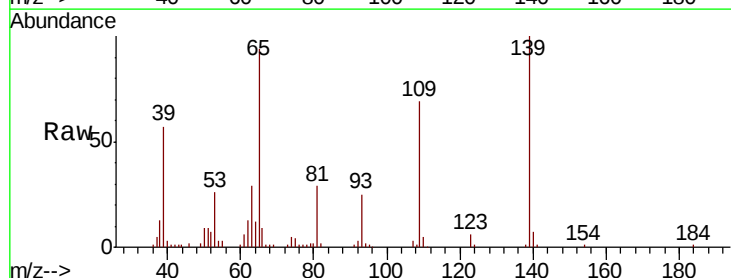
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 623239
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 37.901 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:139 Resp: 92427
Ion Ratio Lower Upper
139 100
109 69.1 55.8 95.8
65 93.6 77.9 117.9

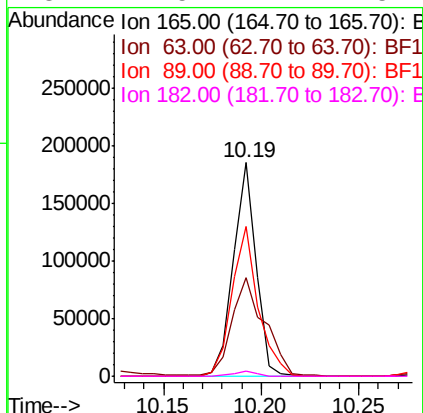
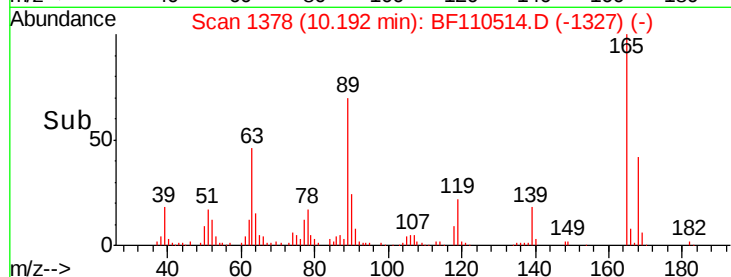
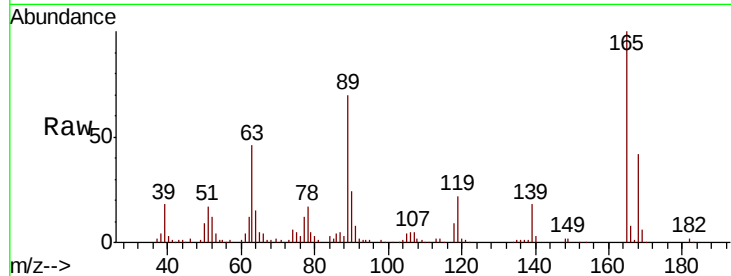




#57
2,4-Dinitrotoluene
Concen: 42.436 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

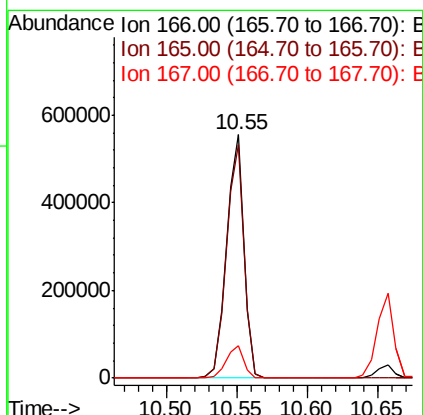
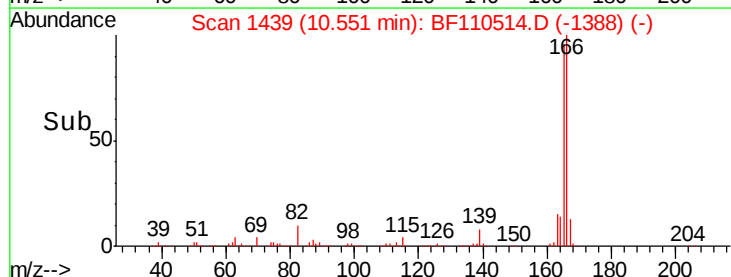
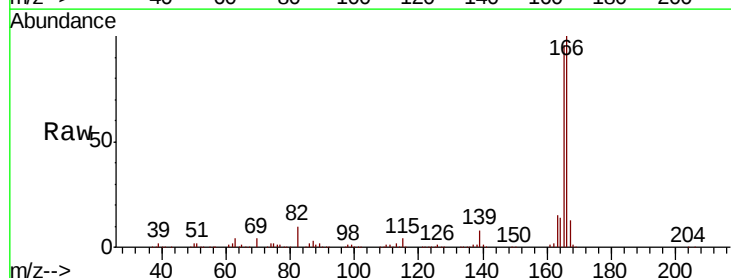
Instrument :
BNA_F
ClientSampleId :

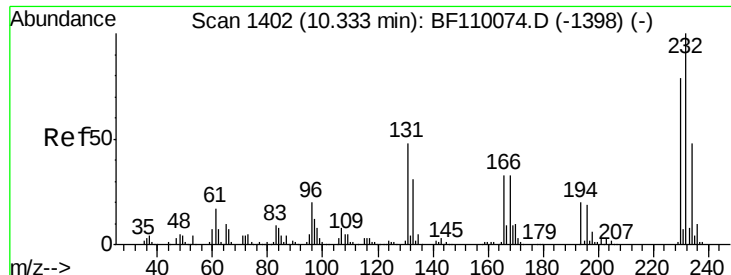
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	44.8	67.2
89	70.0	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 41.044 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.6	117.8
167	13.4	10.8	16.2

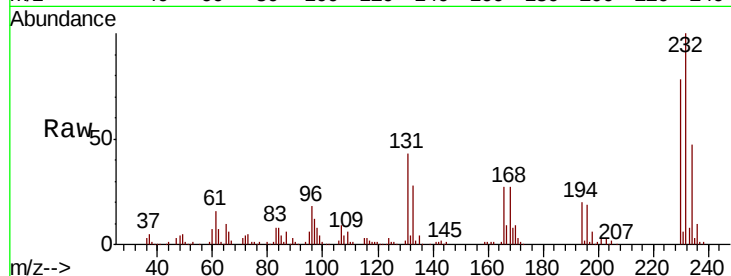




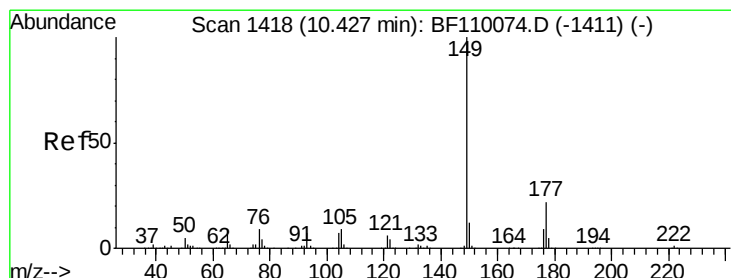
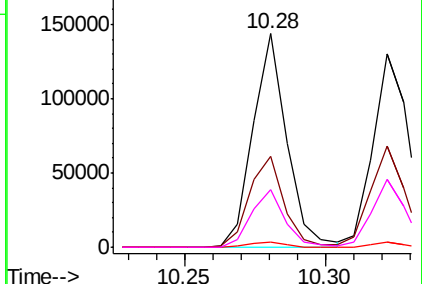
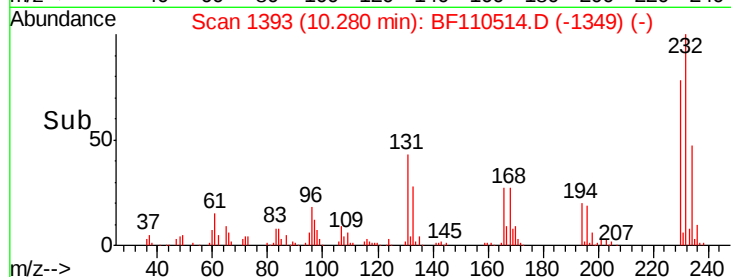
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.694 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.04 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 119764
 Ion Ratio Lower Upper
 232 100
 131 44.0 37.0 55.4
 130 2.3 1.8 2.6
 166 26.9 22.0 33.0

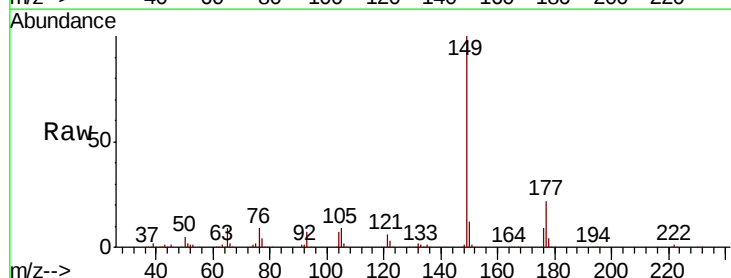


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

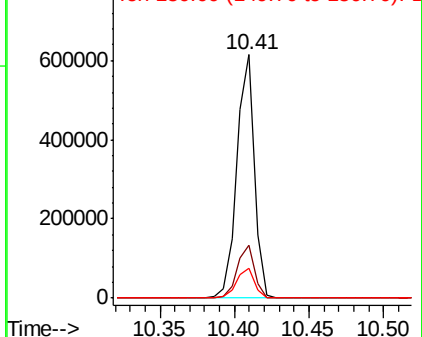
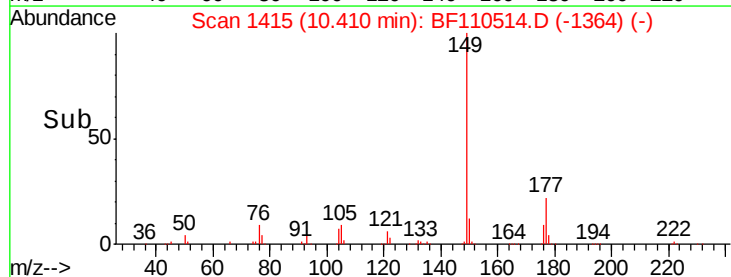


#60
 Diethylphthalate
 Concen: 40.540 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion:149 Resp: 509034
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.4 26.2
 150 12.1 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.772 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

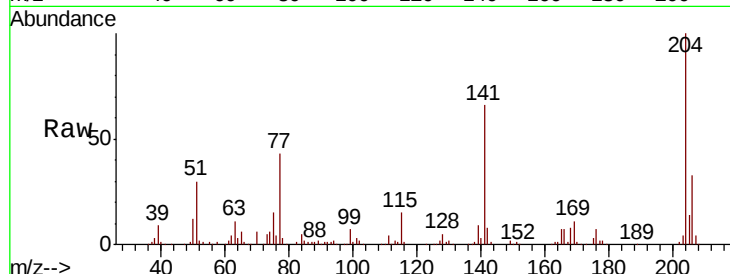
Tot Ion:204 Resp: 247528

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

141 65.7 51.8 77.8

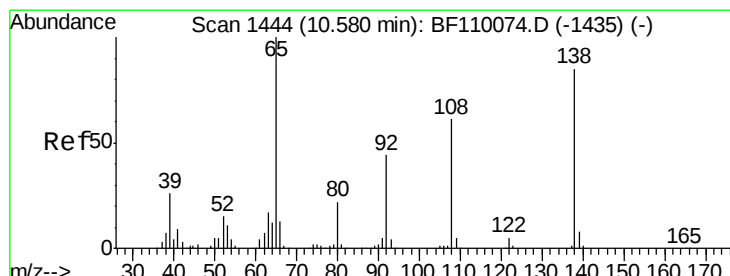
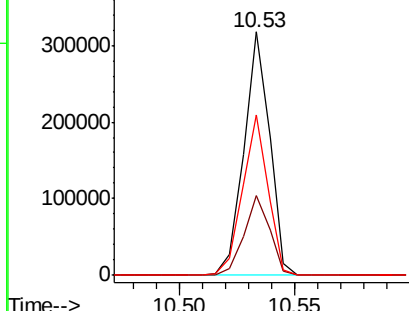
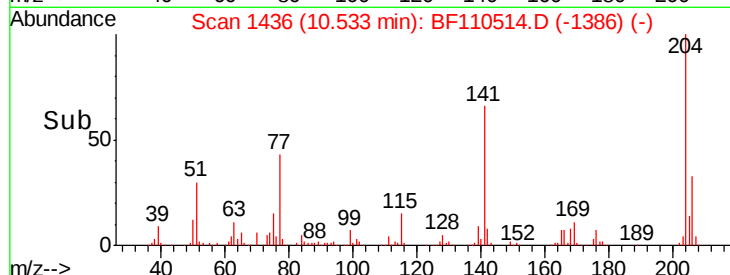


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 39.989 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

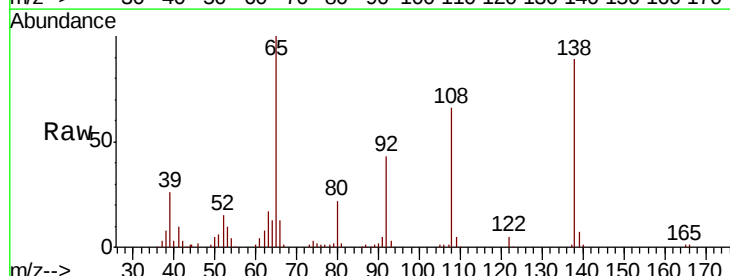
Tgt Ion:138 Resp: 131051

Ion Ratio Lower Upper

138 100

92 48.6 31.7 71.7

108 74.3 59.3 99.3

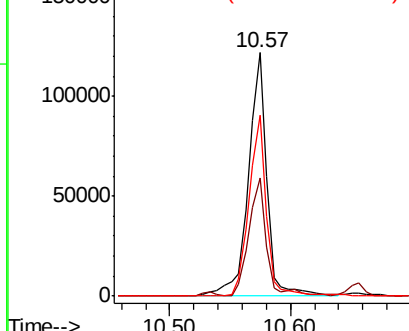
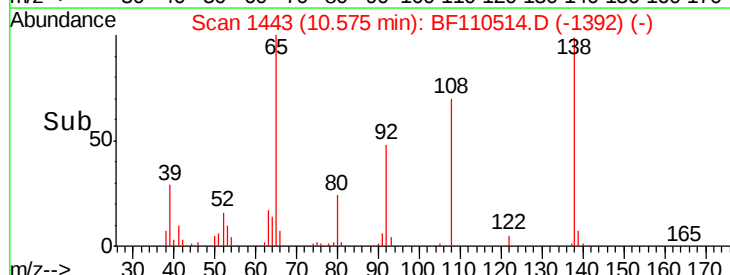


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.112 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 499935

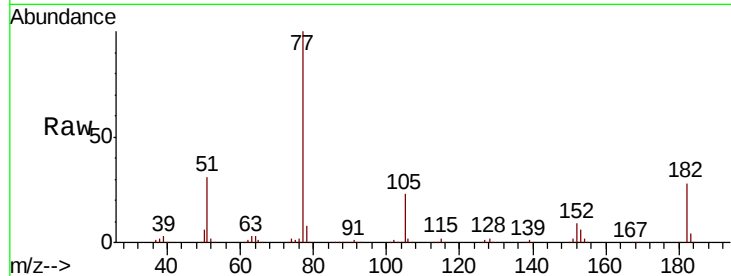
Ion Ratio Lower Upper

77 100

182 27.8 4.3 44.3

105 23.1 1.3 41.3

51 30.7 9.0 49.0

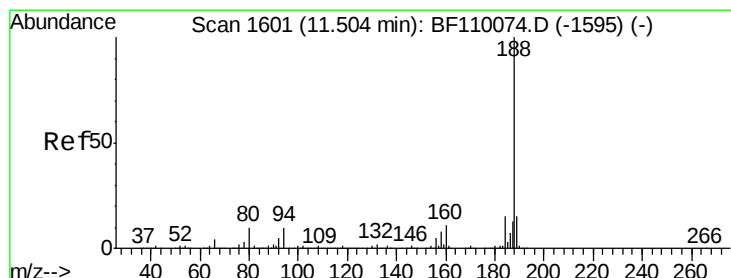
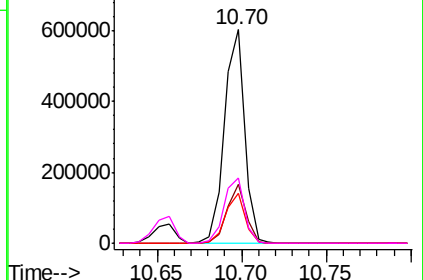
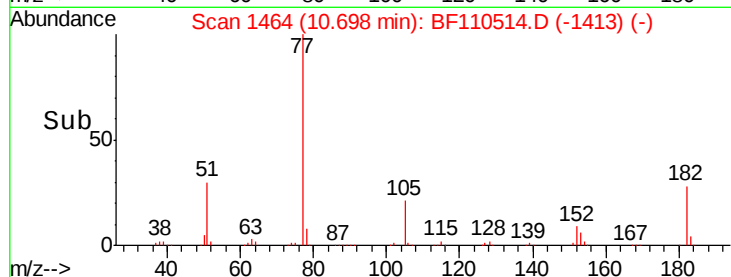


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

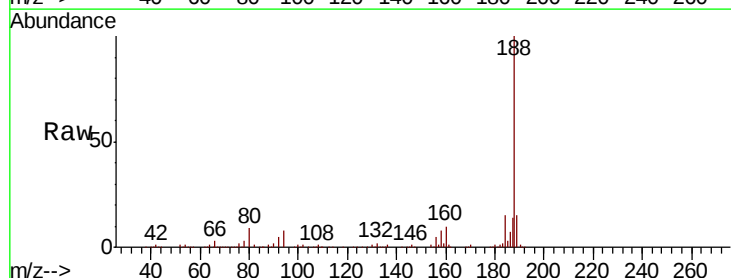
Tgt Ion: 188 Resp: 324375

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

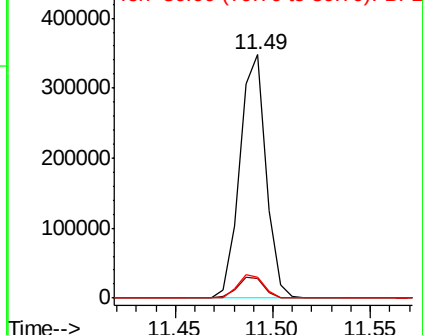
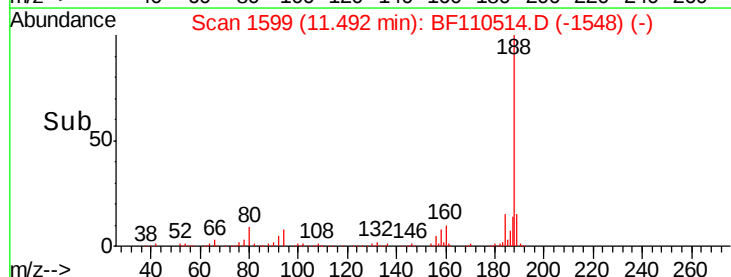
80 8.7 7.9 11.9



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.364 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 62783

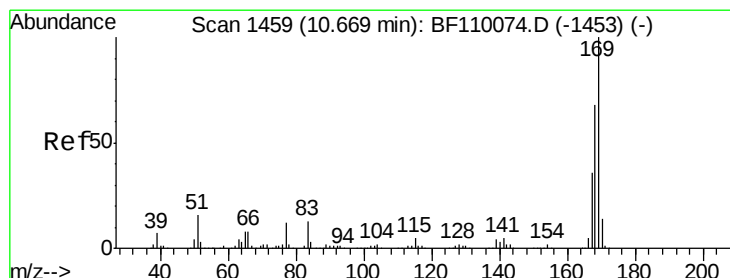
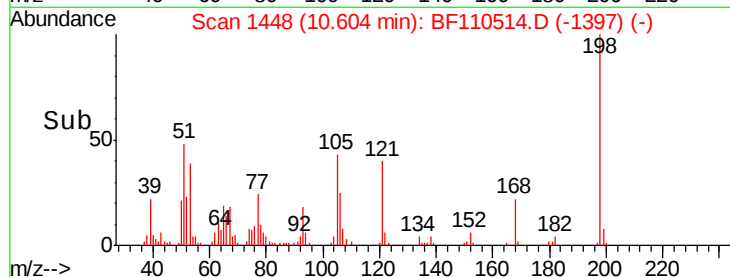
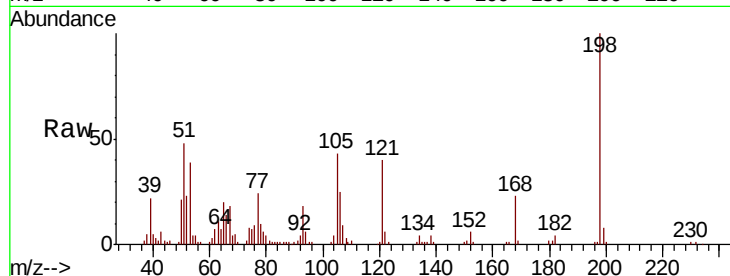
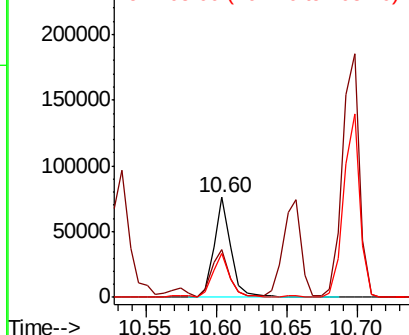
Ion	Ratio	Lower	Upper
198	100		
51	47.8	22.8	62.8
105	43.5	23.6	63.6

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



#66

n-Nitrosodiphenylamine

Concen: 41.117 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Tgt Ion:169 Resp: 437461

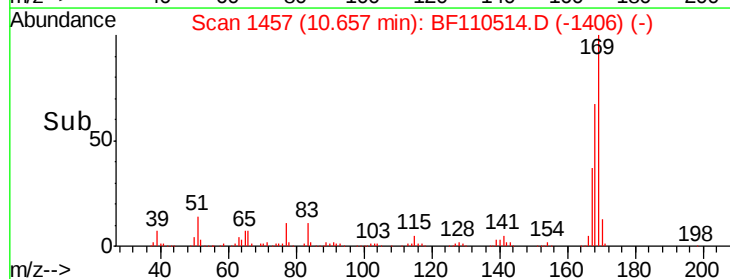
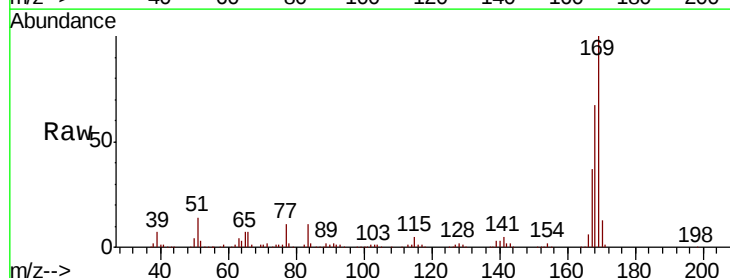
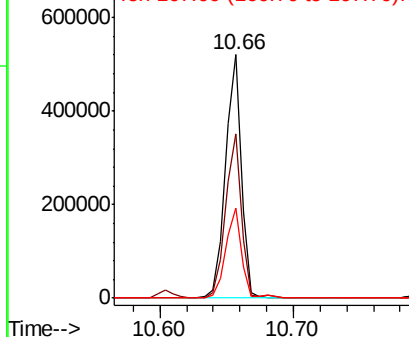
Ion	Ratio	Lower	Upper
169	100		
168	67.3	51.2	76.8
167	37.0	27.8	41.6

Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

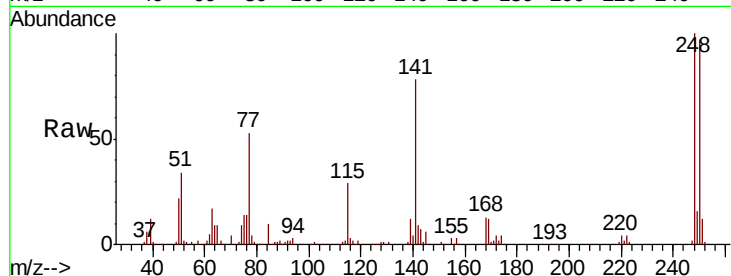




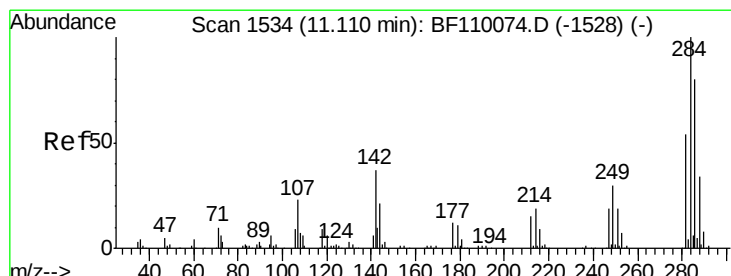
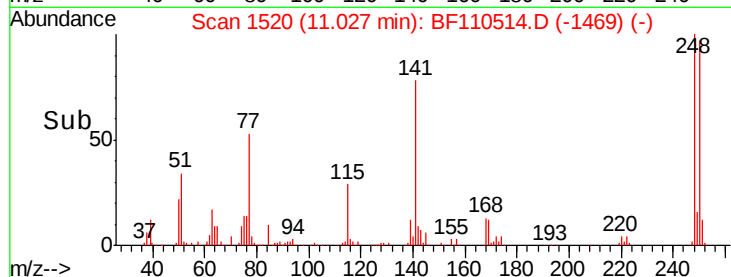
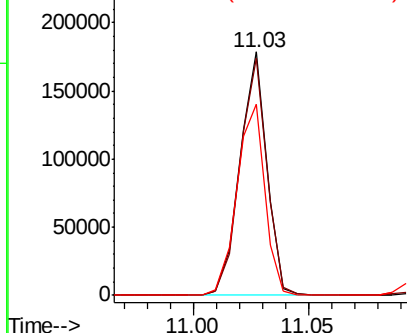
#67
4-Bromophenyl-phenylether
Concen: 41.331 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 145424
Ion Ratio Lower Upper
248 100
250 97.2 79.4 119.2
141 78.4 55.9 83.9

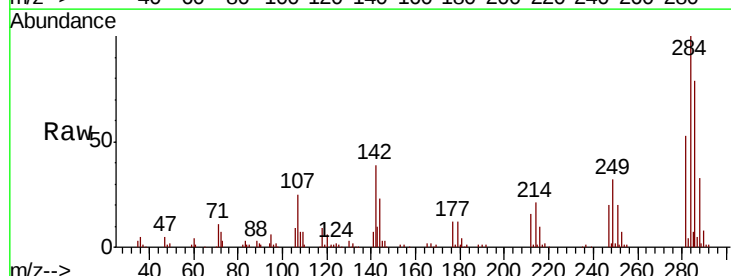


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

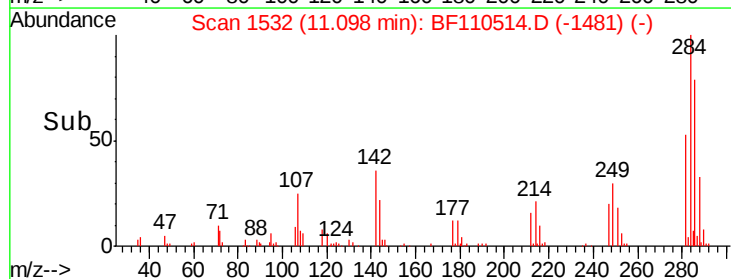
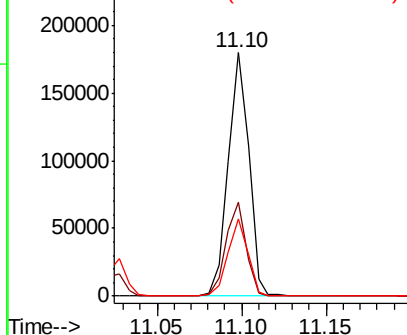


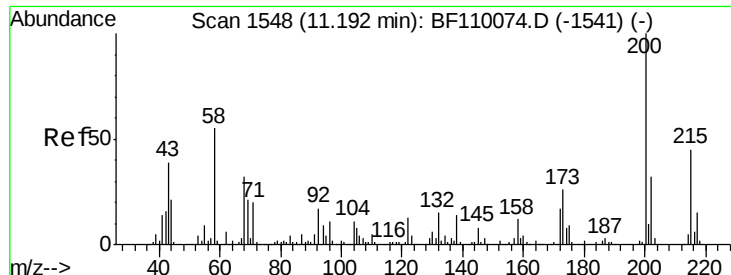
#68
Hexachlorobenzene
Concen: 40.915 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:284 Resp: 152745
Ion Ratio Lower Upper
284 100
142 38.6 23.9 35.9#
249 31.6 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

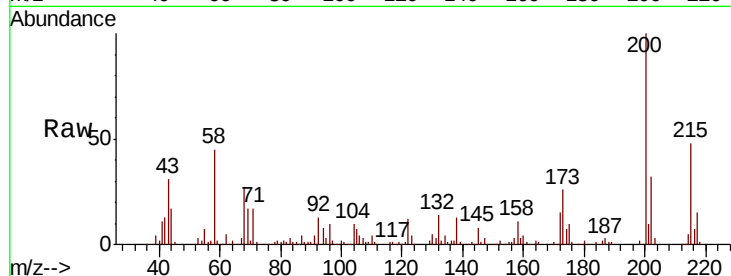




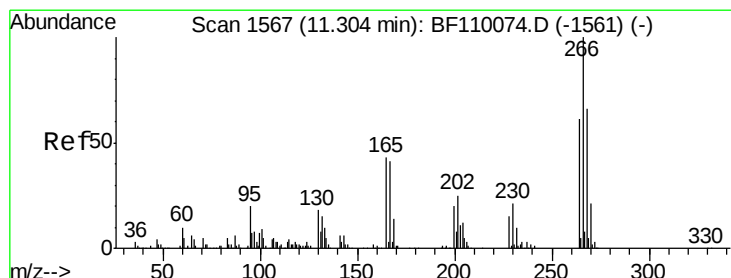
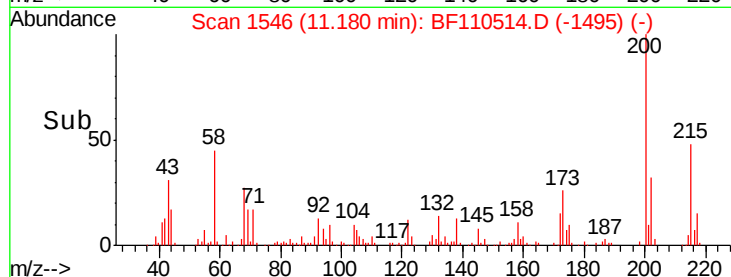
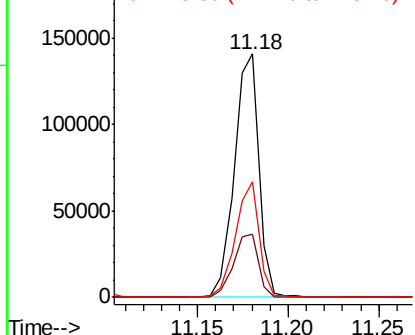
#69
Atrazine
Concen: 39.597 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 133138
Ion Ratio Lower Upper
200 100
173 26.1 6.6 46.6
215 47.7 26.3 66.3

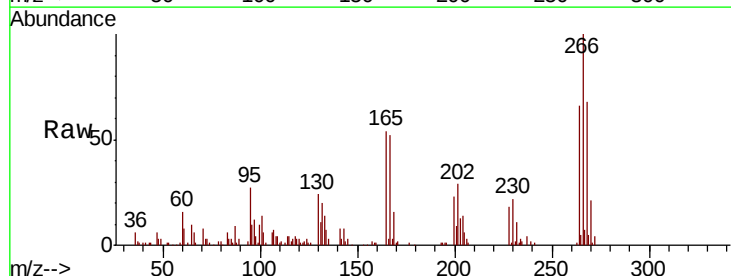


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

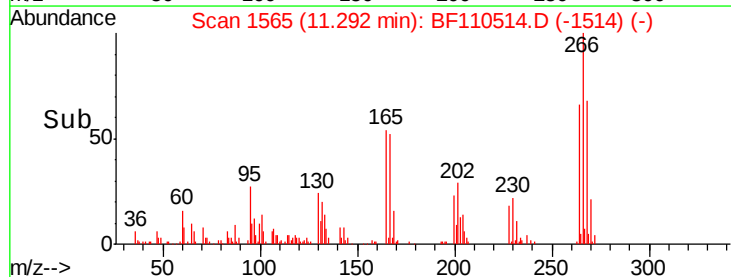
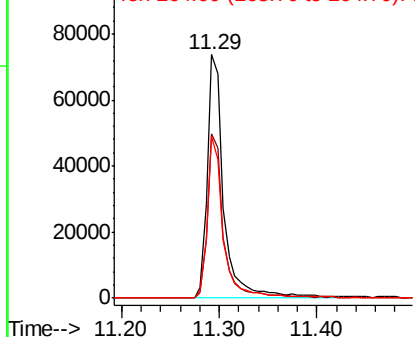


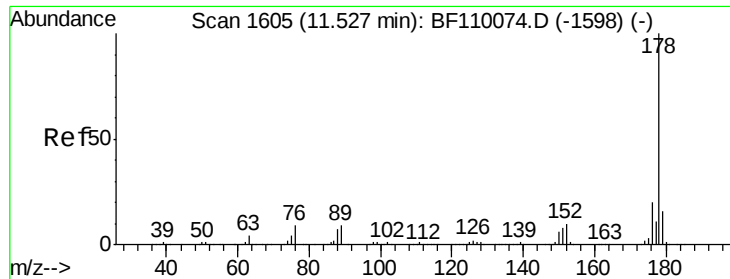
#70
Pentachlorophenol
Concen: 39.966 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:266 Resp: 87002
Ion Ratio Lower Upper
266 100
268 67.6 50.6 75.8
264 66.2 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

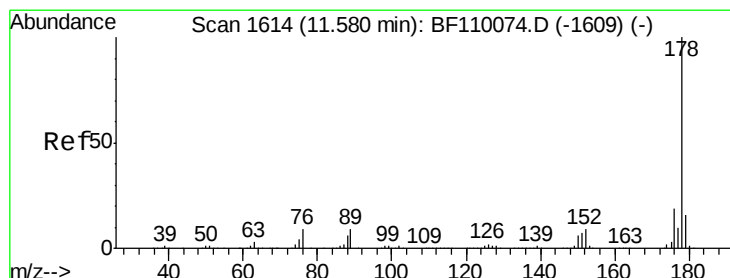
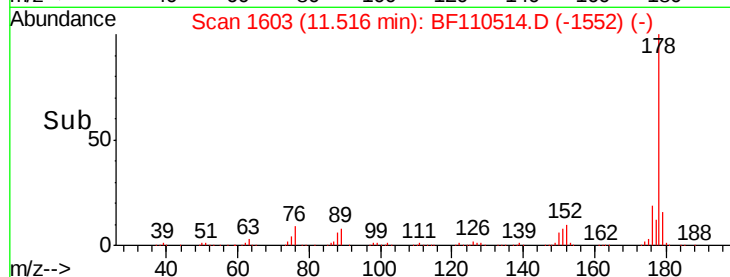
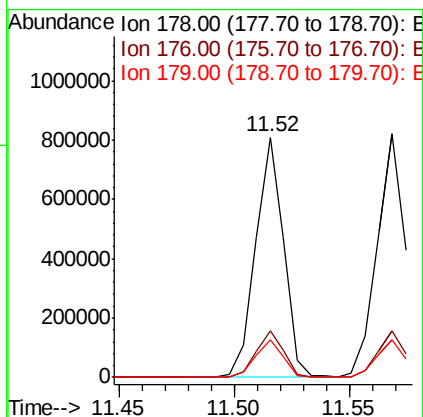
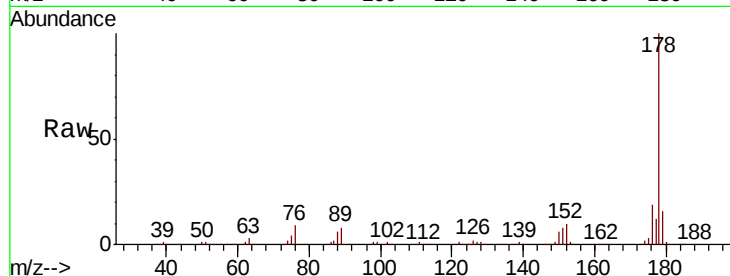




#71
Phenanthrene
Concen: 40.356 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

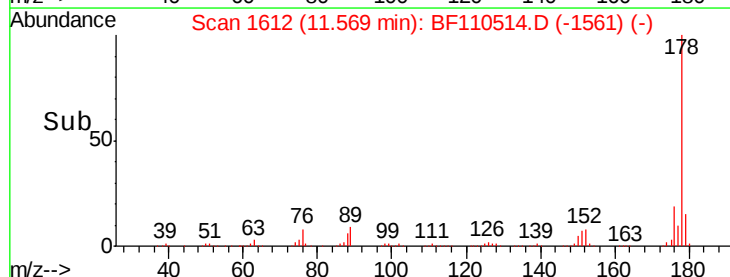
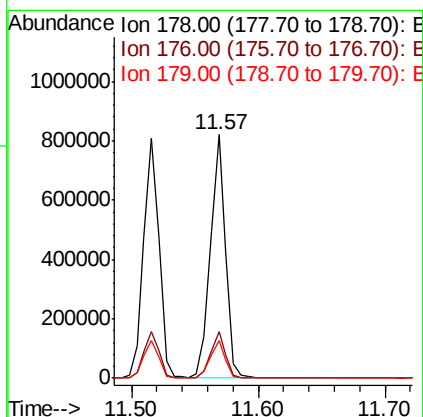
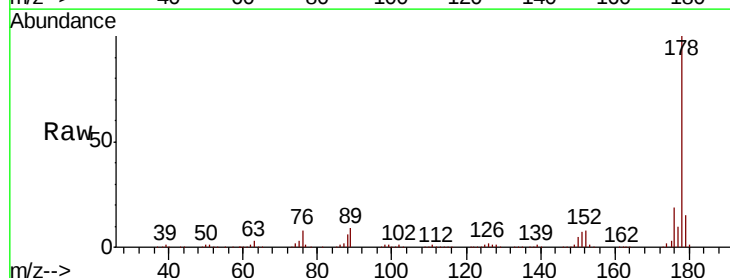
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 684959
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.9 12.5 18.7



#72
Anthracene
Concen: 40.914 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:178 Resp: 696053
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.4 12.6 18.8

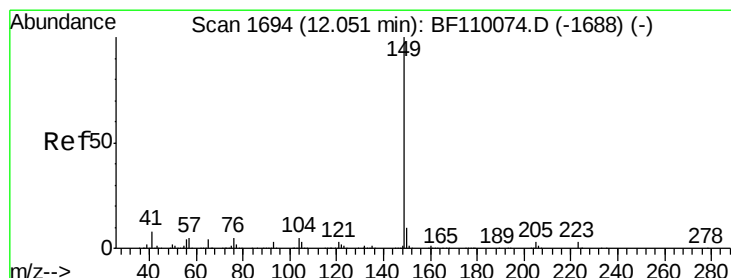
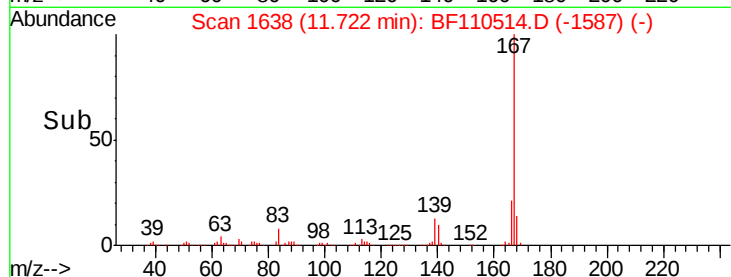
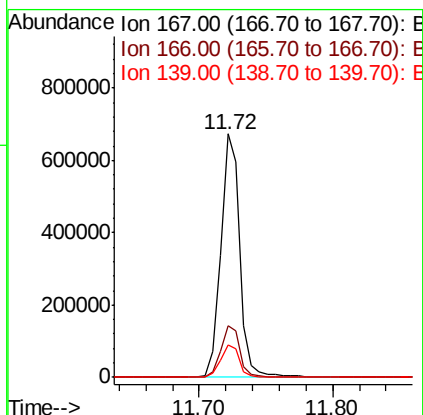
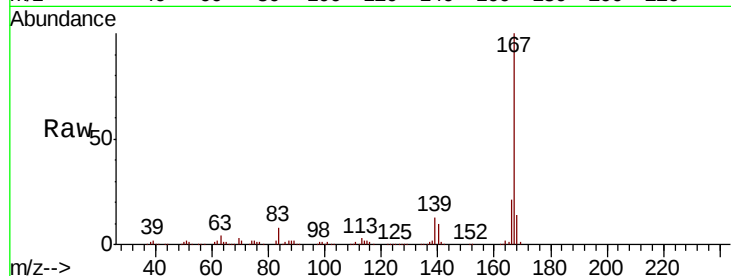




#73
 Carbazole
 Concen: 40.532 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

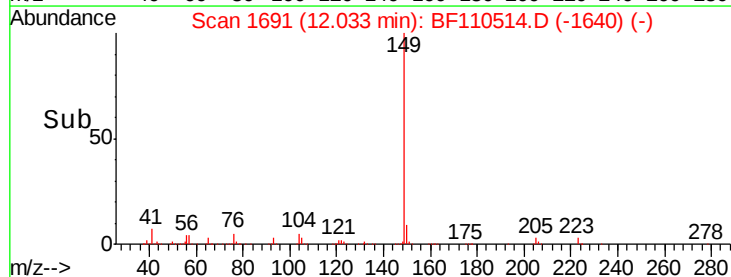
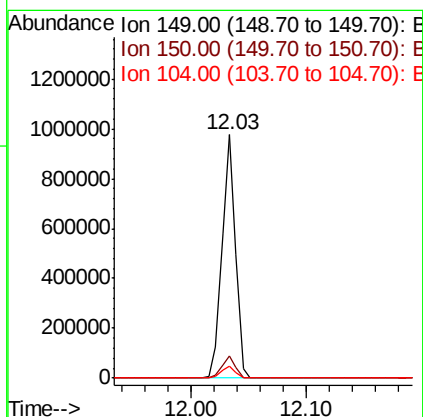
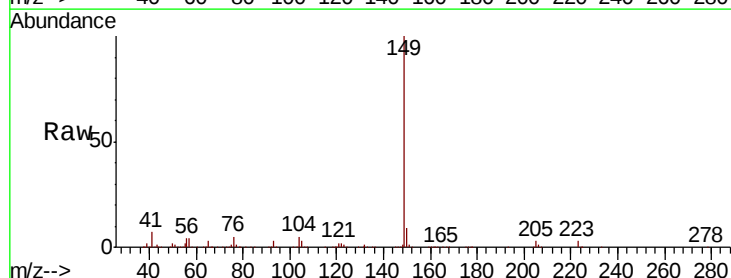
Instrument :
 BNA_F
 ClientSampleId :

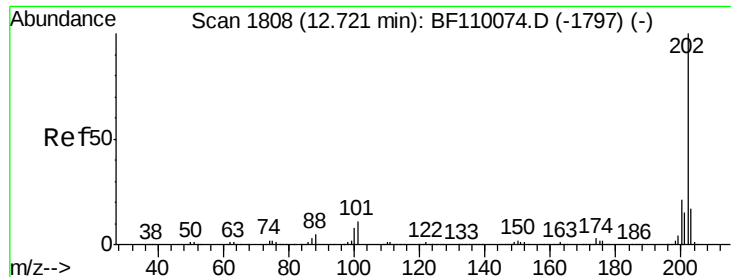
Tot Ion:167 Resp: 673265
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.133 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion:149 Resp: 790425
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.1 4.2 6.4

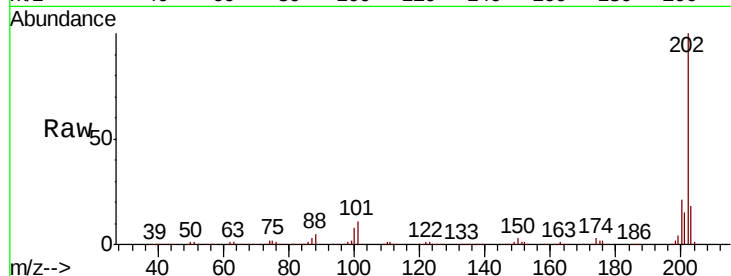




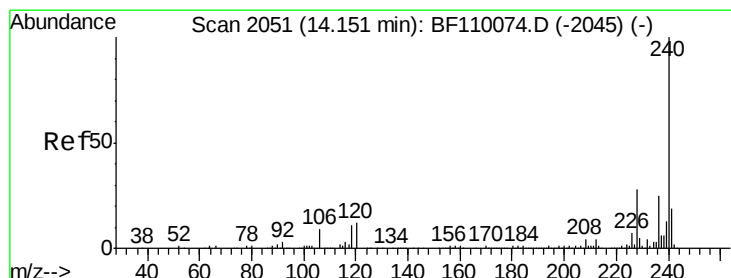
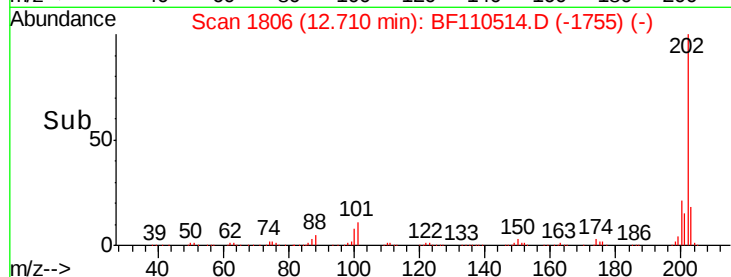
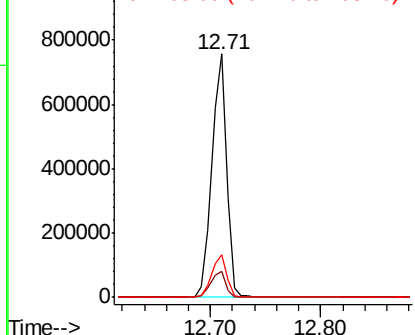
#75
 Fluoranthene
 Concen: 39.956 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 688255
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 31.4
 203 17.6 0.0 37.7

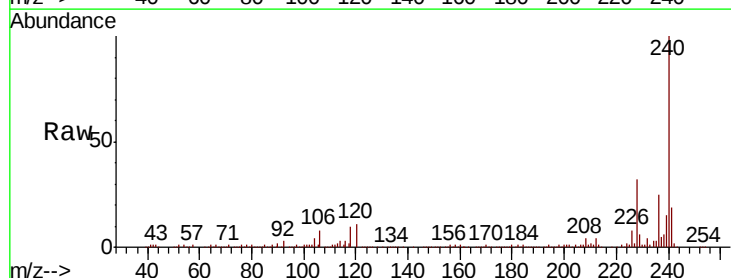


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

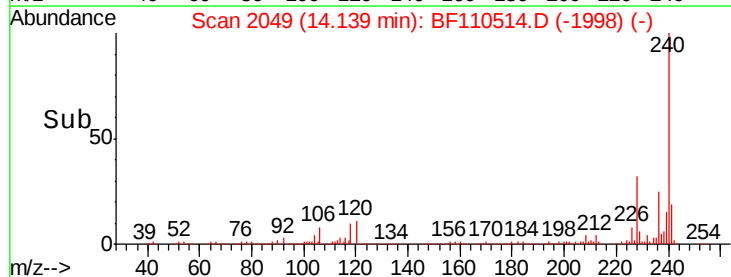
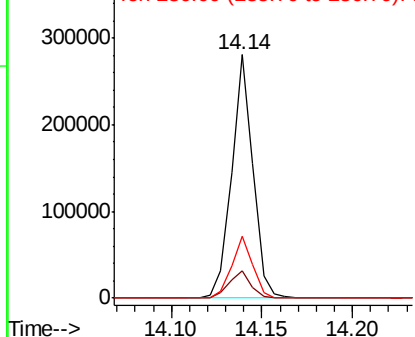


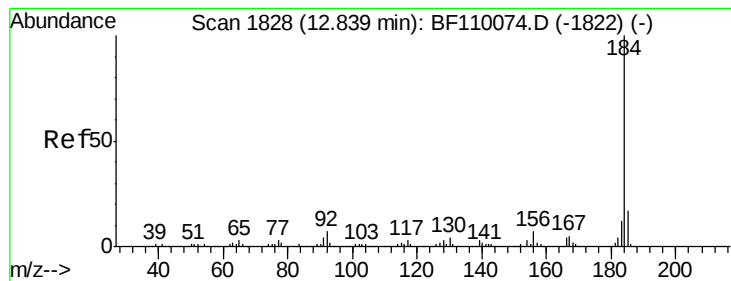
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion:240 Resp: 229835
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.3 12.5
 236 25.4 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: 38.922 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

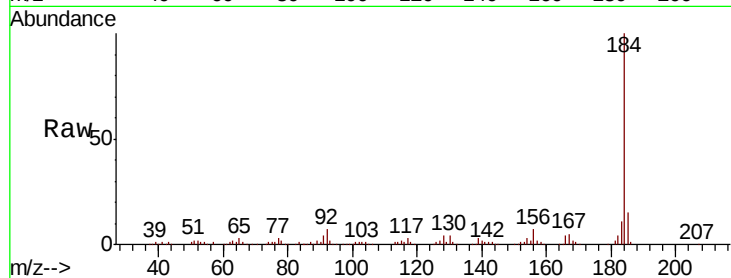
Tot Ion:184 Resp: 266975

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

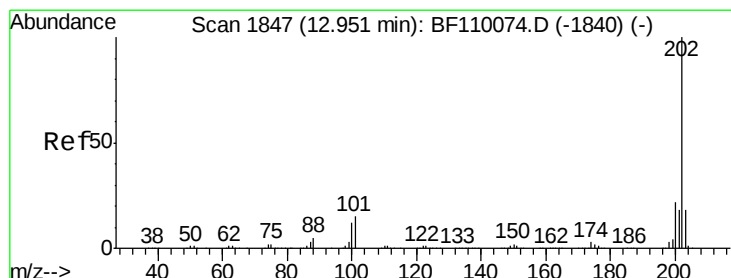
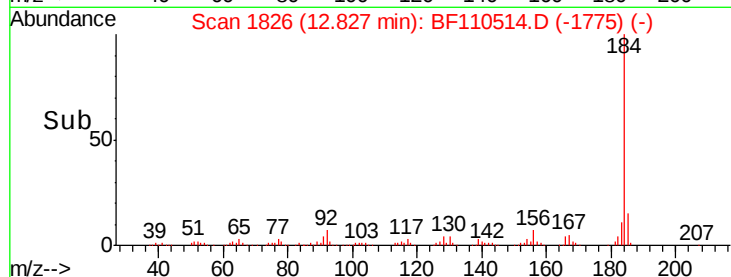
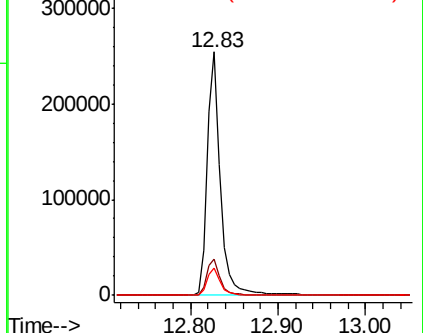
183 11.5 9.4 14.2



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

Pyrene

Concen: 42.636 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

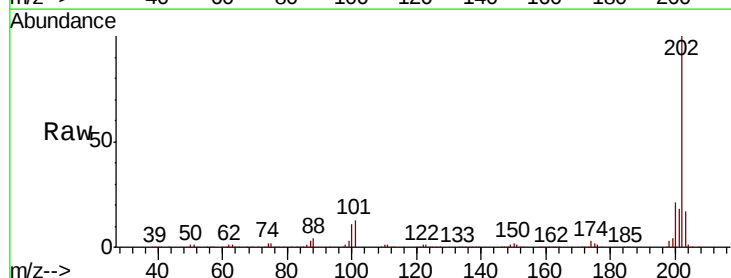
Tgt Ion:202 Resp: 702518

Ion Ratio Lower Upper

202 100

200 21.2 17.8 26.6

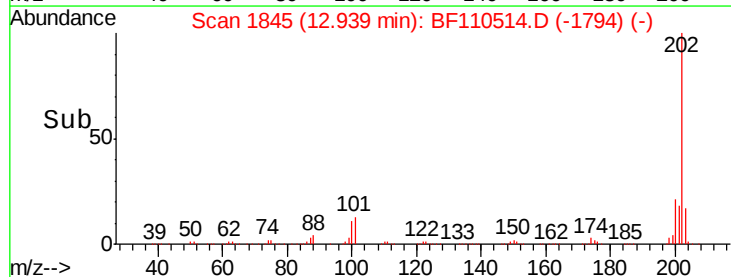
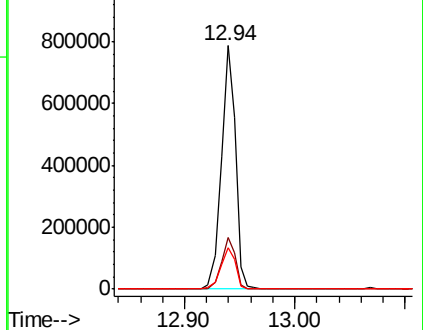
203 17.2 14.2 21.4



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: 87.972 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

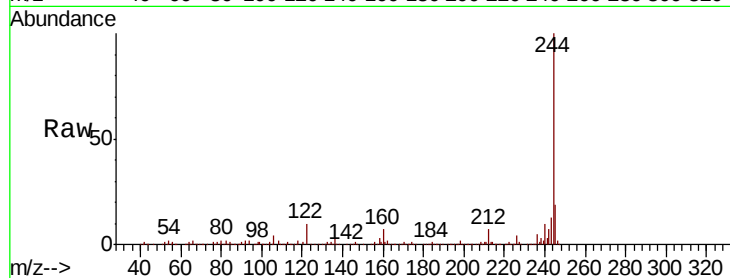
Tot Ion:244 Resp: 972203

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

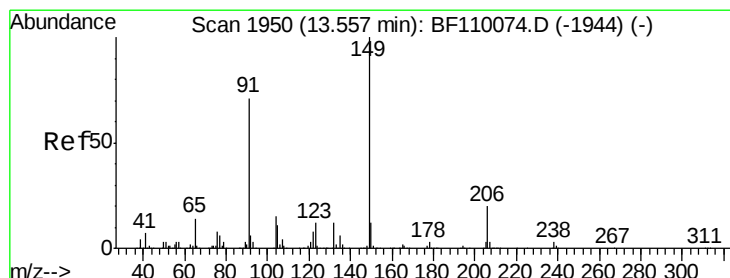
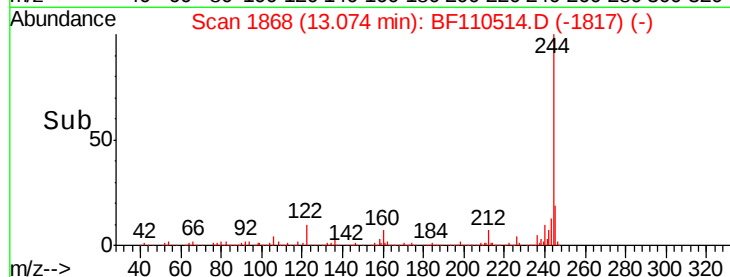
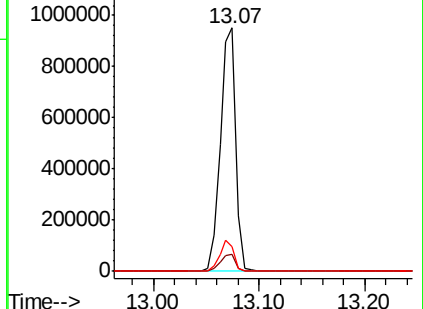
122 10.2 8.7 13.1



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



#80

Butylbenzylphthalate

Concen: 43.169 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

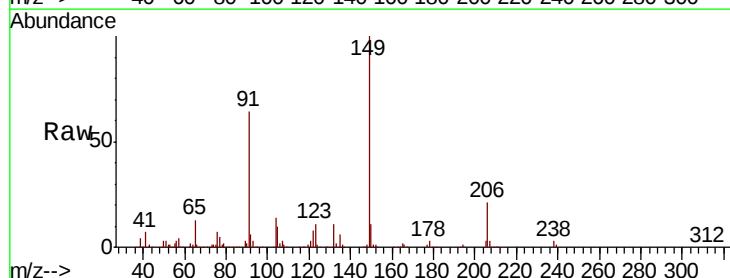
Tgt Ion:149 Resp: 308733

Ion Ratio Lower Upper

149 100

91 64.4 57.2 85.8

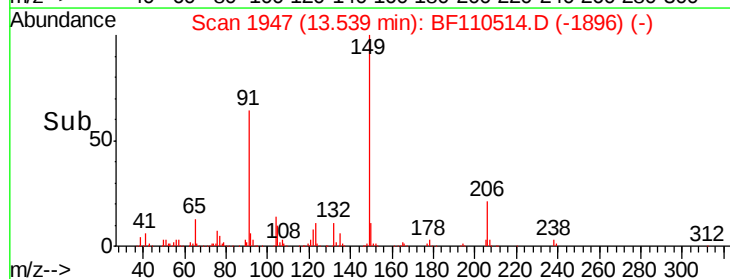
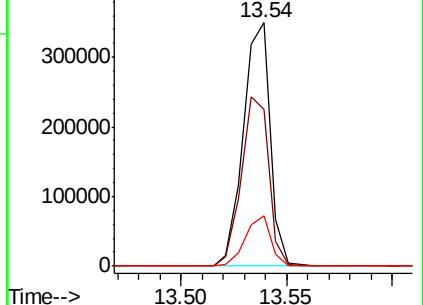
206 20.6 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.964 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

Instrument :

BNA_F

ClientSampleId :

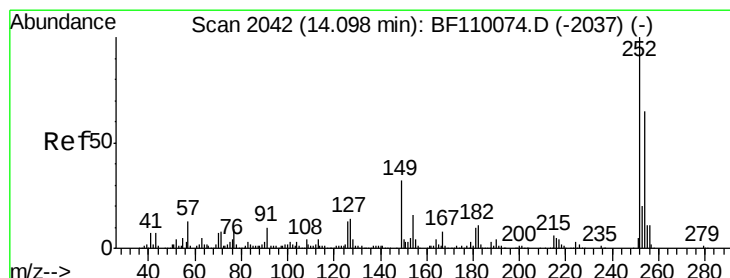
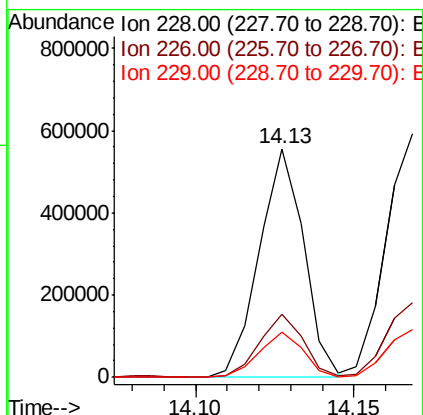
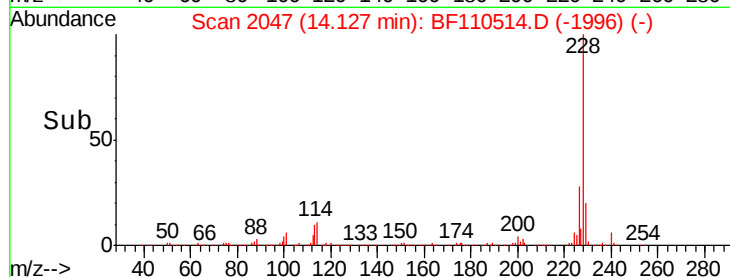
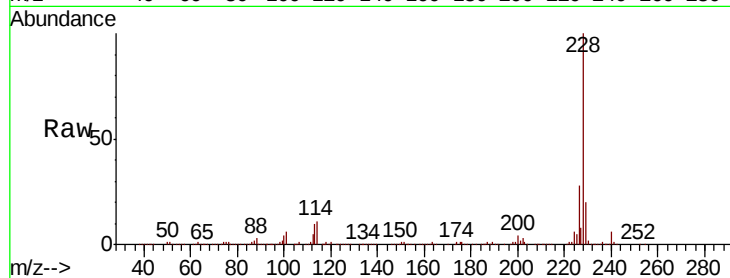
Tot Ion:228 Resp: 544697

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 37.882 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110514.D

Acq: 6 Nov 2018 14:50

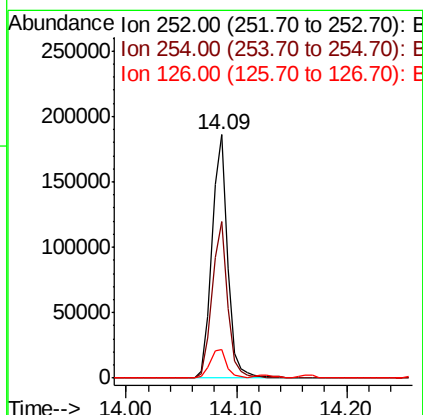
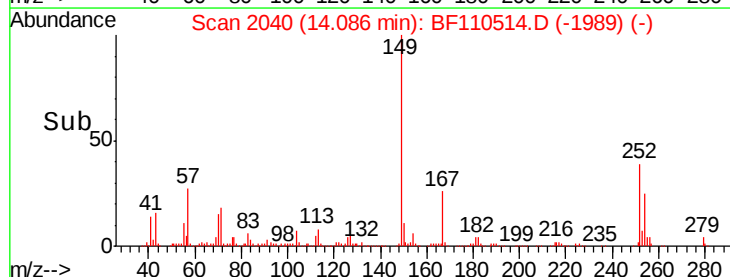
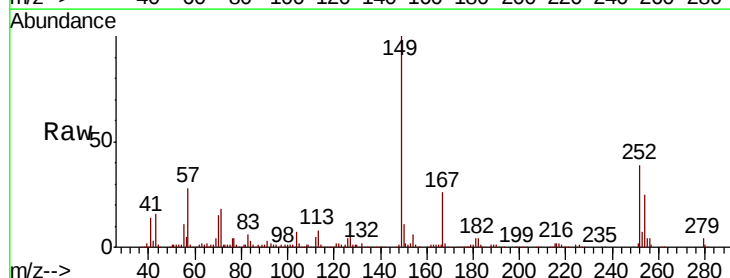
Tgt Ion:252 Resp: 179791

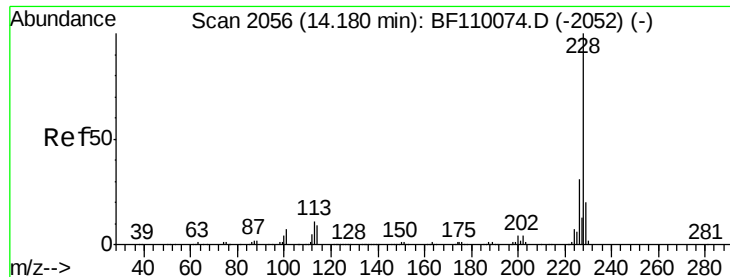
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 11.5 9.4 14.2

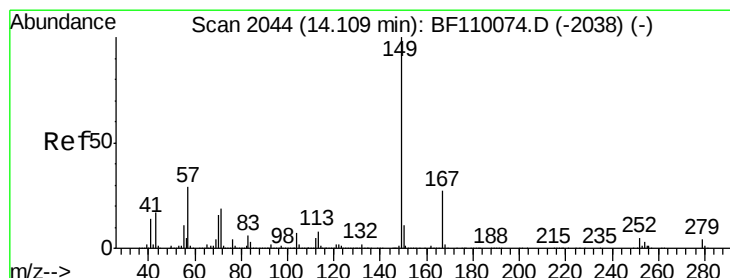
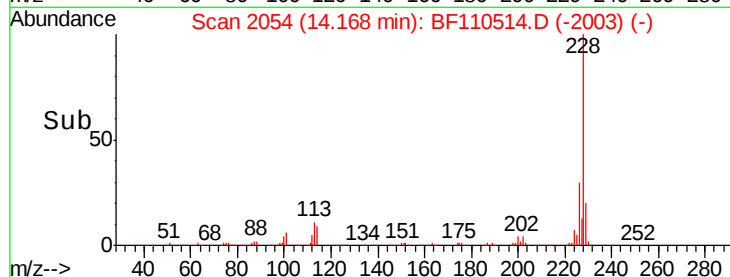
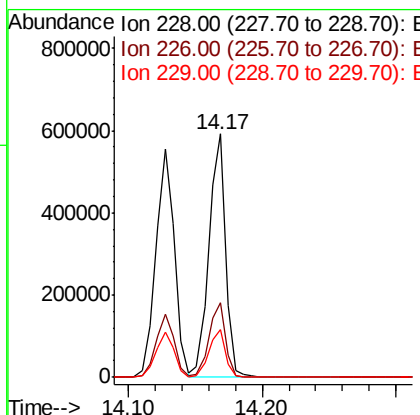
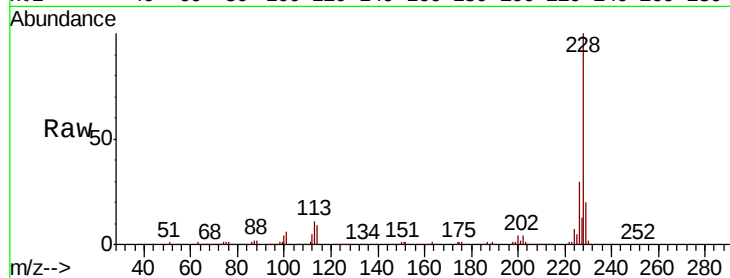




#83
 Chrvsene
 Concen: 39.942 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

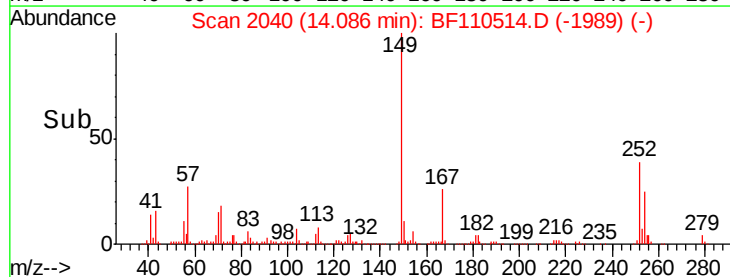
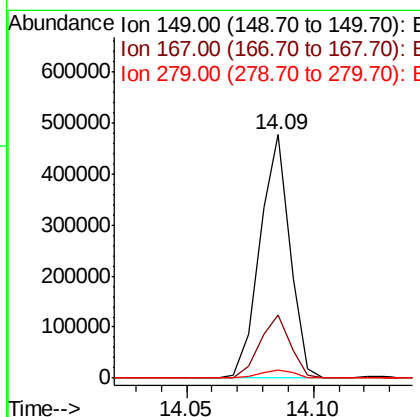
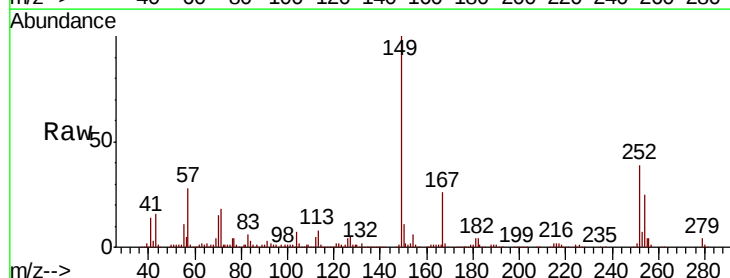
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 517071
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 19.6 15.9 23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.041 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110514.D
 Acq: 6 Nov 2018 14:50

Tgt Ion:149 Resp: 396775
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.8 29.8
 279 3.5 2.7 4.1

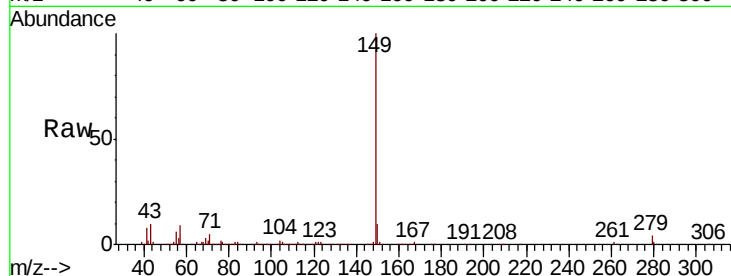




#85
Di-n-octyl phthalate
Concen: 39.081 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.6	7.8	11.8

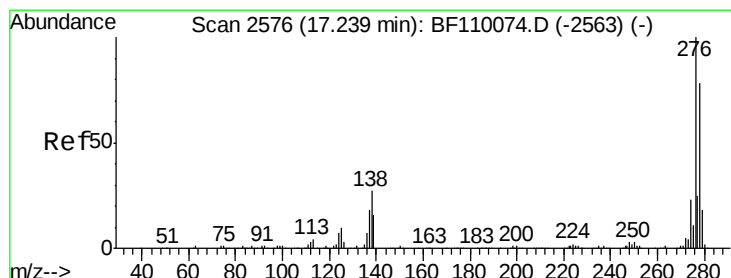
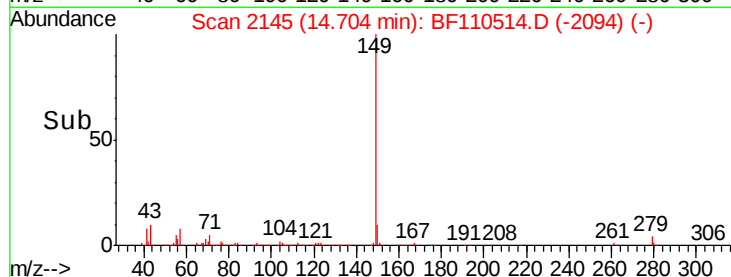
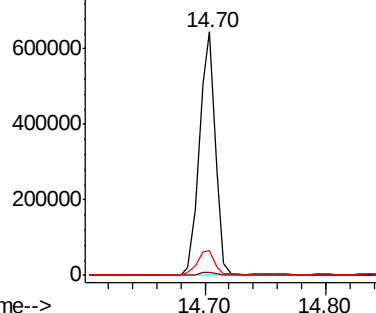


Abundance

Ion 149.00 (148.70 to 149.70): E

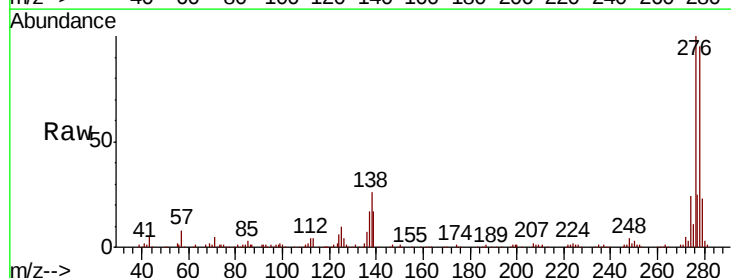
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.846 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	24.9	20.0	30.0

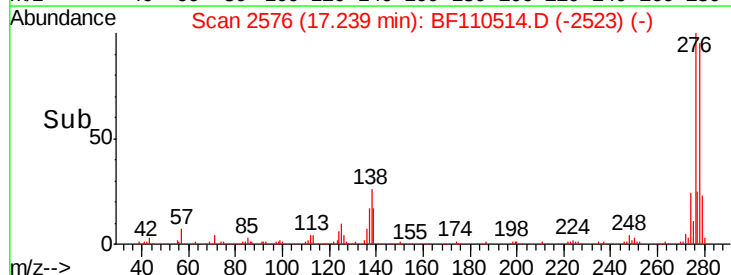
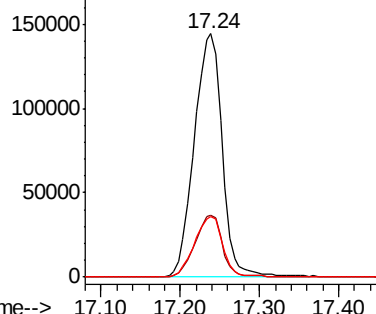


Abundance

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

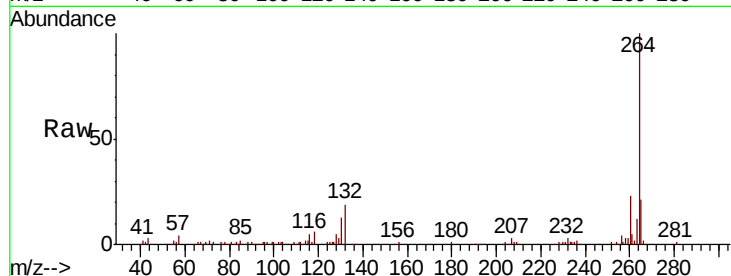




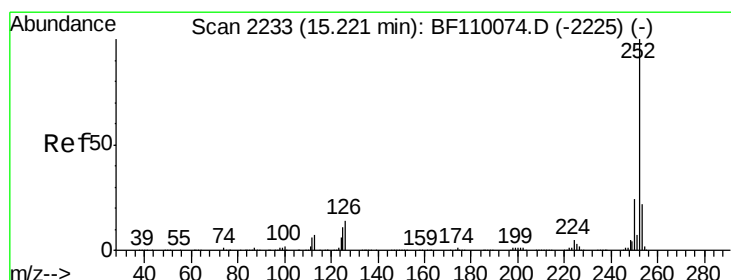
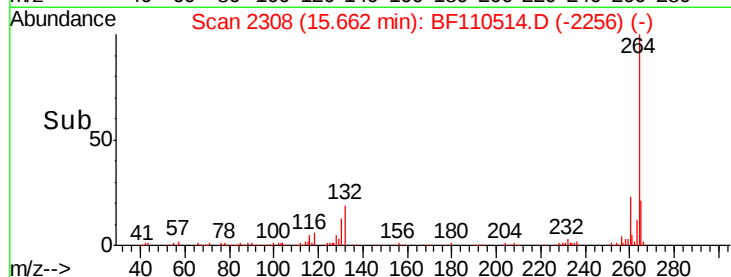
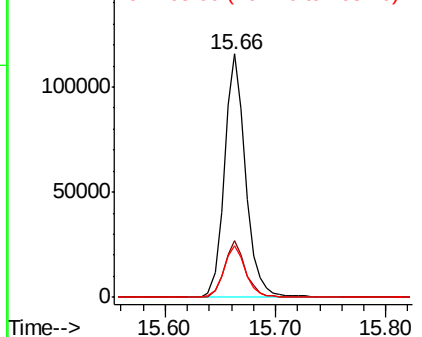
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 154520
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.3 16.7 25.1

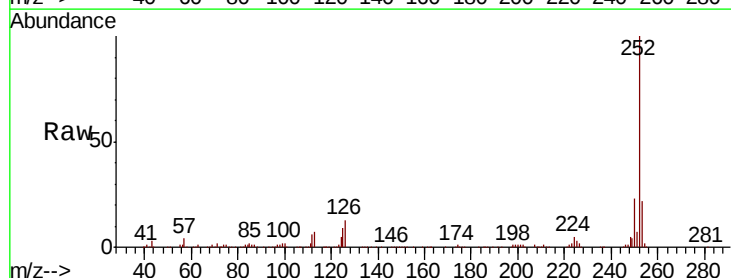


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

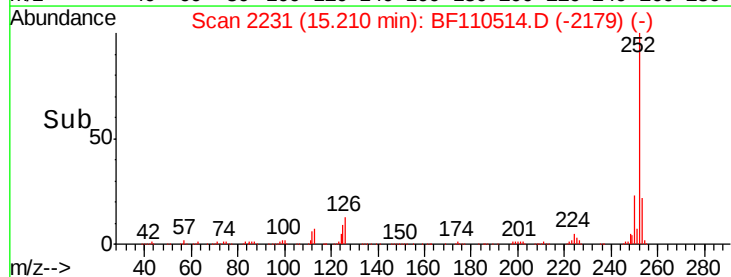
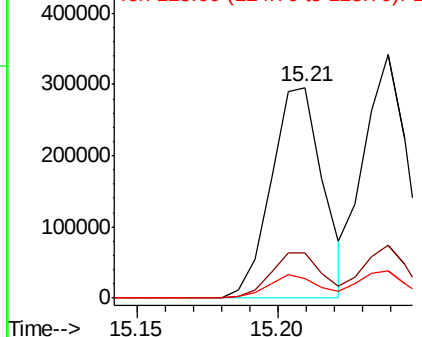


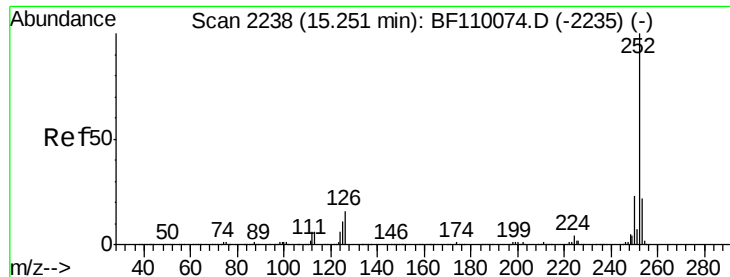
#88
Benzo(b)fluoranthene
Concen: 42.185 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:252 Resp: 376414
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.3 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

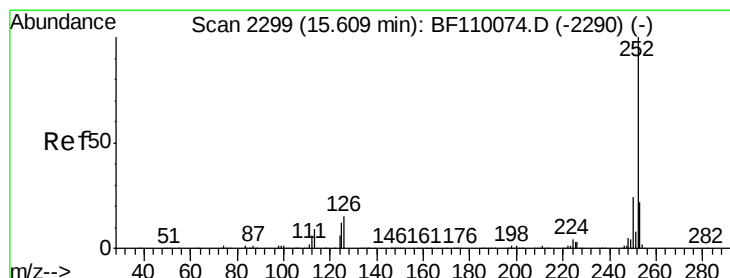
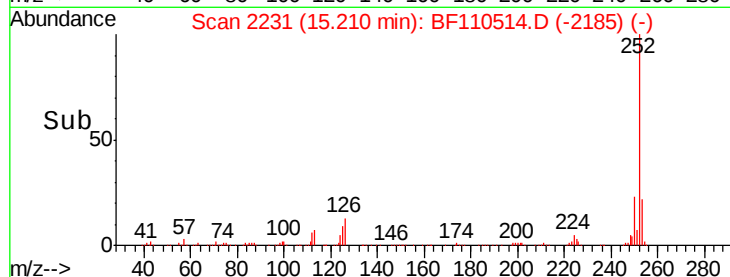
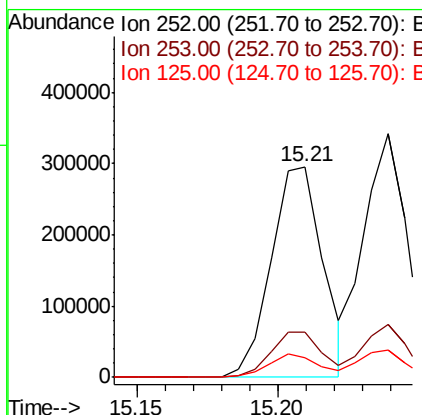
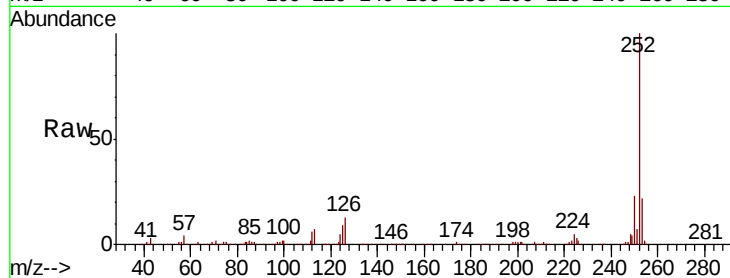




#89
Benzo(k)fluoranthene
Concen: 42.910 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

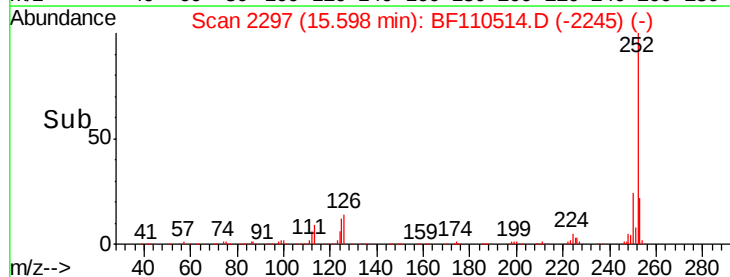
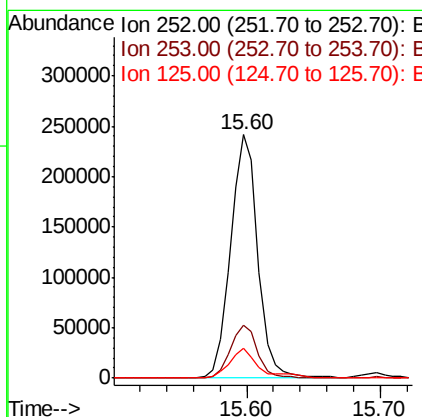
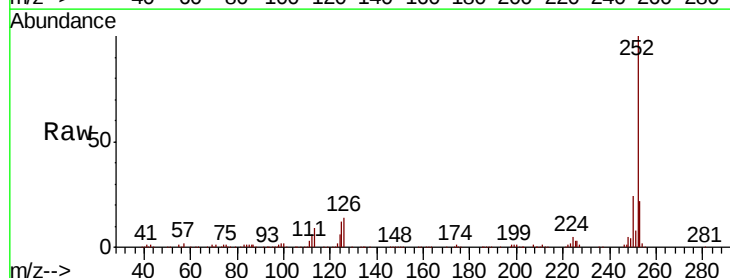
Instrument :
BNA_F
ClientSampleId :

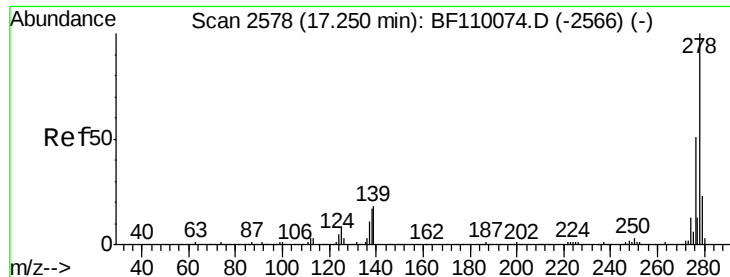
Tot Ion:252 Resp: 376414
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.3 7.4 11.0



#90
Benzo(a)pyrene
Concen: 41.744 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:252 Resp: 342744
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 12.3 9.0 13.6



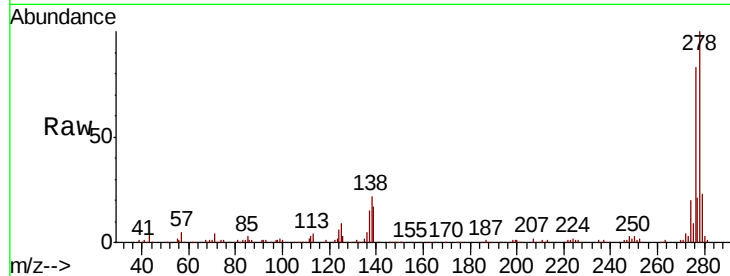


#91
Dibenzo(a,h)anthracene
Concen: 41.587 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

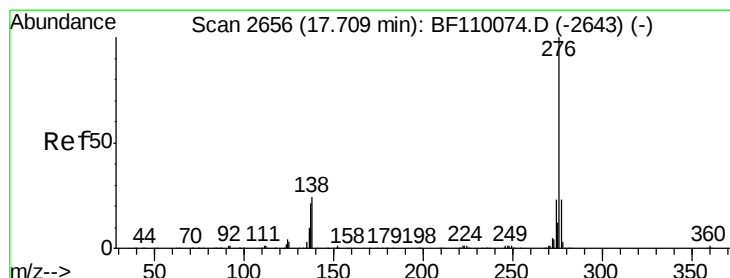
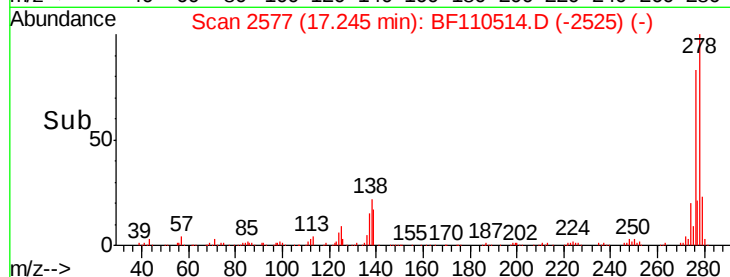
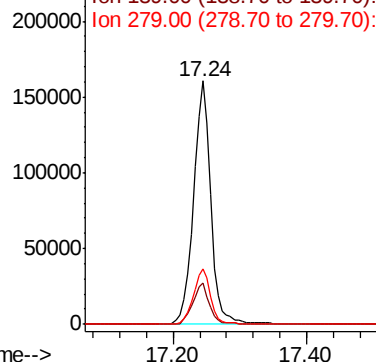
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 294623

Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	23.0	19.0	28.4



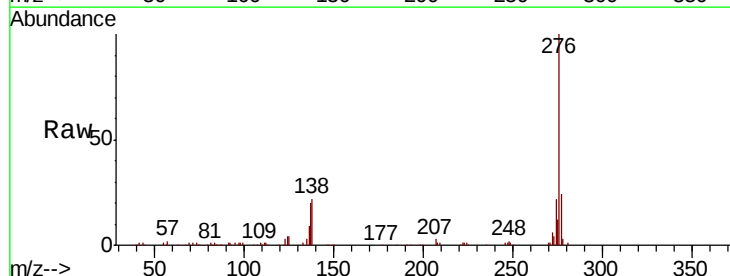
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.518 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110514.D
Acq: 6 Nov 2018 14:50

Tgt Ion:276 Resp: 296823

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.4	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

