

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110093.D
 Acq On : 23 Oct 2018 22:27
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 5PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:56:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163201	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	693261	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	341455	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	653306	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	560446	20.00	ng	-0.02
87) Perylene-d12	15.67	264	484764	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1235913	123.32	ng	-0.02
7) Phenol-d6	6.59	99	1543712	120.43	ng	-0.02
23) Nitrobenzene-d5	7.53	82	935870	80.07	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	412711	122.02	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1724009	79.28	ng	-0.02
79) Terphenyl-d14	13.09	244	1820479	67.55	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	21837	4.159	ng	91
3) Pyridine	3.66	79	54713	4.678	ng	# 82
4) n-Nitrosodimethylamine	3.55	42	24864	5.075	ng	# 88
6) Aniline	6.63	93	71433	4.278	ng	# 54
8) 2-Chlorophenol	6.75	128	58600	5.072	ng	94
9) Benzaldehyde	6.52	77	40601	3.699	ng	89
10) Phenol	6.60	94	67460	4.923	ng	# 59
11) bis(2-Chloroethyl)ether	6.69	93	55848	4.954	ng	90
12) 1,3-Dichlorobenzene	6.90	146	65209	5.128	ng	98
13) 1,4-Dichlorobenzene	6.98	146	65542	5.097	ng	98
14) 1,2-Dichlorobenzene	7.13	146	62230	5.213	ng	97
15) Benzyl Alcohol	7.09	79	41429	4.202	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	92638	5.140	ng	67
17) 2-Methylphenol	7.20	107	48581	5.276	ng	# 82
18) Hexachloroethane	7.47	117	22935	4.871	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	39721	4.830	ng	92
20) 3+4-Methylphenols	7.35	107	61858	5.197	ng	# 84
22) Acetophenone	7.36	105	85360	5.344	ng	# 95
24) Nitrobenzene	7.55	77	62291	5.162	ng	91
25) Isophorone	7.77	82	110335	5.538	ng	98
26) 2-Nitrophenol	7.86	139	24926	4.341	ng	100
27) 2,4-Dimethylphenol	7.89	122	52474	5.512	ng	96
28) bis(2-Chloroethoxy)methane	7.99	93	71403	5.275	ng	98
29) 2,4-Dichlorophenol	8.09	162	46721	4.857	ng	95
30) 1,2,4-Trichlorobenzene	8.19	180	53972	5.010	ng	97
31) Naphthalene	8.27	128	179752	5.626	ng	98
32) Benzoic acid	7.94	122	16004	2.175	ng	88
33) 4-Chloroaniline	8.32	127	55543	3.863	ng	96
34) Hexachlorobutadiene	8.38	225	29005	4.849	ng	96
35) Caprolactam	8.65	113	15381	4.588	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	50107	4.817	ng	93
37) 2-Methylnaphthalene	8.96	142	122268	5.784	ng	95
38) 1-Methylnaphthalene	8.96	142	122268	5.985	ng	92
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	51057	4.799	ng	97

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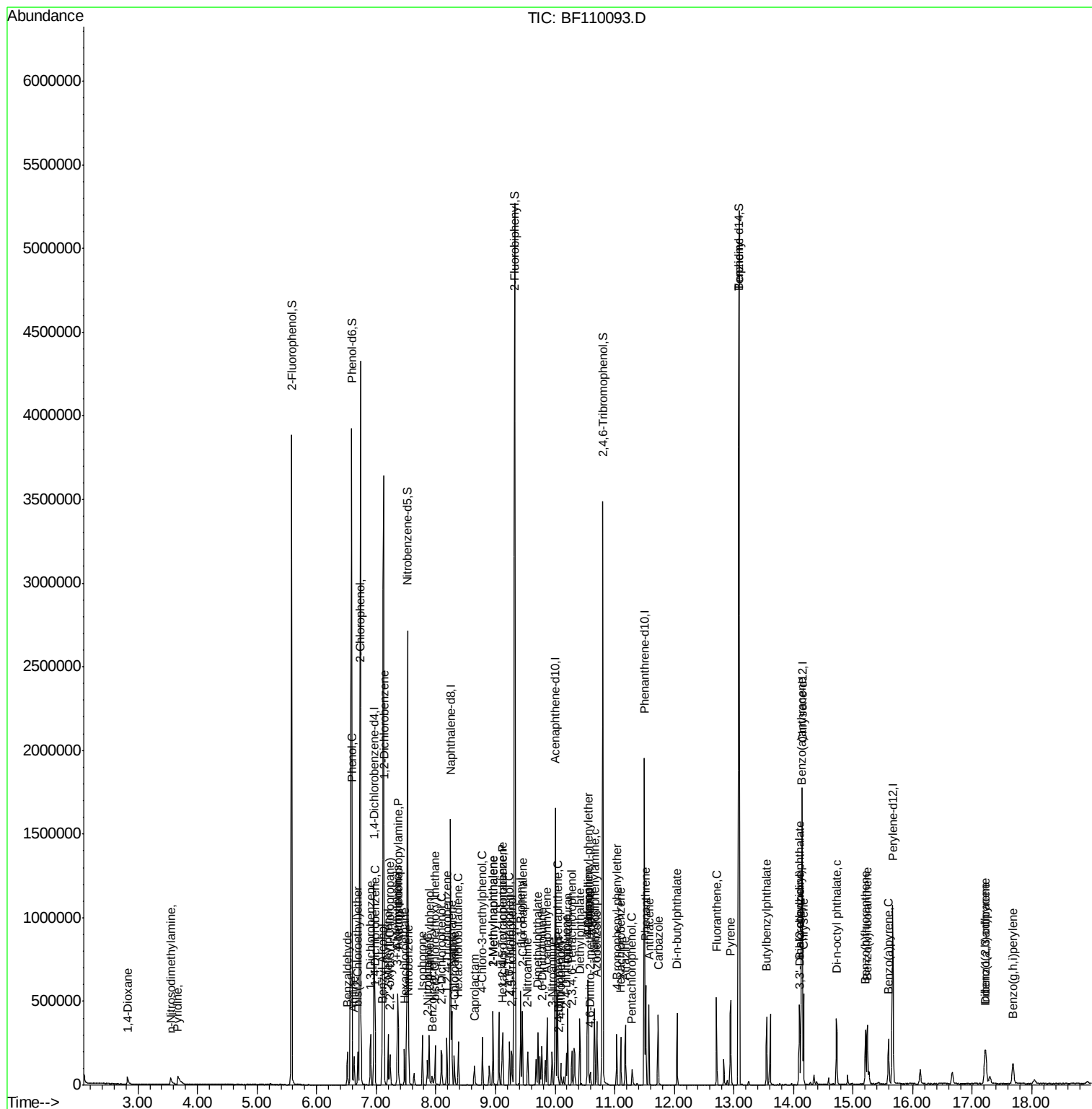
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41) Hexachlorocyclopentadiene	9.11	237	25560	4.698	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	31210	4.548	nq	91
44) 2,4,5-Trichlorophenol	9.27	196	35045	4.831	nq	94
46) 1,1'-Biphenyl	9.42	154	155419	5.033	nq	100
47) 2-Chloronaphthalene	9.45	162	115485	5.099	nq	99
48) 2-Nitroaniline	9.54	65	32017	4.665	nq	98
49) Acenaphthylene	9.87	152	180588	5.520	nq	100
50) Dimethylphthalate	9.72	163	133810	5.309	nq	98
51) 2,6-Dinitrotoluene	9.78	165	26735	4.924	nq	92
52) Acenaphthene	10.04	154	115708	5.346	nq	97
53) 3-Nitroaniline	9.95	138	26949	4.174	nq	92
54) 2,4-Dinitrophenol	10.06	184	5277	7.466	nq	# 88
55) Dibenzofuran	10.21	168	161495	5.330	nq	97
56) 4-Nitrophenol	10.10	139	22582	4.726	nq	92
57) 2,4-Dinitrotoluene	10.19	165	34599	5.017	nq	# 79
58) Fluorene	10.56	166	128182	5.684	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	24871	4.207	nq	98
60) Diethylphthalate	10.42	149	127530	5.183	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	60530	5.088	nq	95
62) 4-Nitroaniline	10.56	138	30842	4.803	nq	85
63) Azobenzene	10.70	77	130869	5.359	nq	99
65) 4,6-Dinitro-2-methylphenol	10.59	198	9454	3.167	nq	88
66) n-Nitrosodiphenylamine	10.66	169	110855	5.173	nq	97
67) 4-Bromophenyl-phenylether	11.04	248	35690	5.036	nq	97
68) Hexachlorobenzene	11.10	284	38049	5.060	nq	99
69) Atrazine	11.18	200	35496	5.242	nq	98
70) Pentachlorophenol	11.30	266	14033	3.201	nq	93
71) Phenanthrene	11.52	178	200233	5.858	nq	97
72) Anthracene	11.57	178	201409	5.878	nq	98
73) Carbazole	11.73	167	172160	5.146	nq	99
74) Di-n-butylphthalate	12.04	149	205068	5.427	nq	99
75) Fluoranthene	12.71	202	199599	5.753	nq	98
77) Benzidine	13.09	184	25308	1.078	nq	96
78) Pyrene	12.94	202	203210	5.058	nq	98
80) Butylbenzylphthalate	13.55	149	81890	4.696	nq	97
81) Benzo(a)anthracene	14.13	228	178258	5.363	nq	100
82) 3,3'-Dichlorobenzidine	14.09	252	39725	3.432	nq	92
83) Chrysene	14.17	228	172233	5.456	nq	97
84) Bis(2-ethylhexyl)phthalate	14.10	149	116553	4.944	nq	97
85) Di-n-octyl phthalate	14.72	149	181952	4.964	nq	98
86) Indeno(1,2,3-cd)pyrene	17.21	276	135719	5.182	nq	# 94
88) Benzo(b)fluoranthene	15.21	252	152010	5.430	nq	98
89) Benzo(k)fluoranthene	15.24	252	154832	5.626	nq	97
90) Benzo(a)pyrene	15.60	252	139447	5.414	nq	98
91) Dibenzo(a,h)anthracene	17.23	278	111988	5.039	nq	96
92) Benzo(g,h,i)perylene	17.68	276	109164	4.984	nq	97

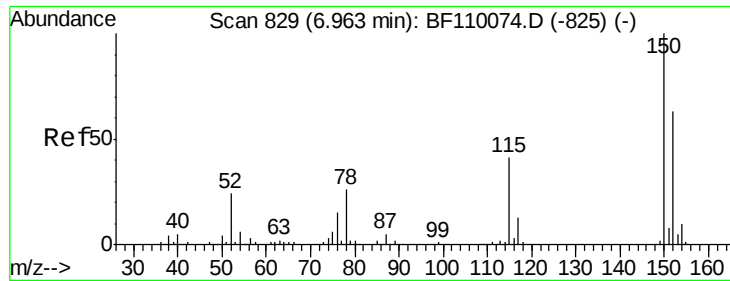
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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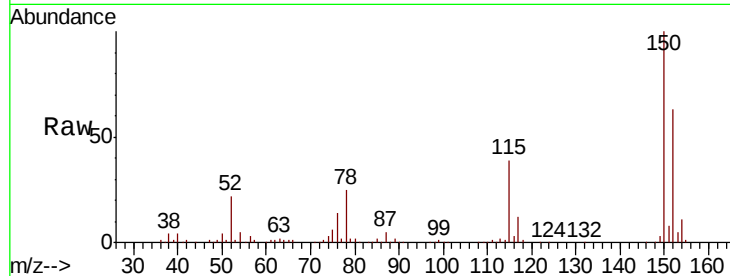


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	61.8	49.1	73.7

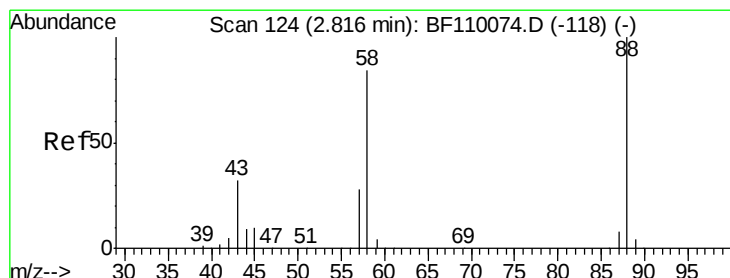
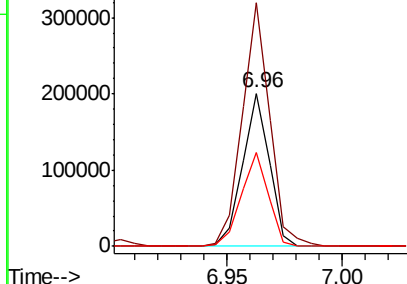
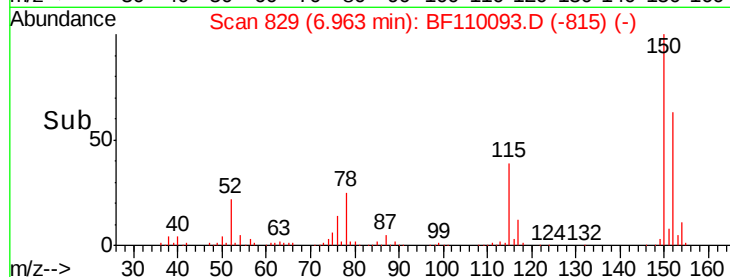


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

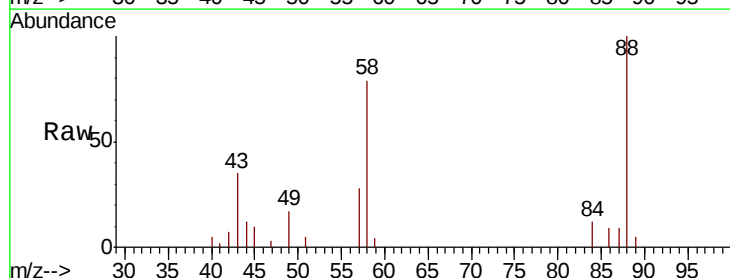
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 4.159 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	57.1	85.7
43	34.3	24.1	36.1

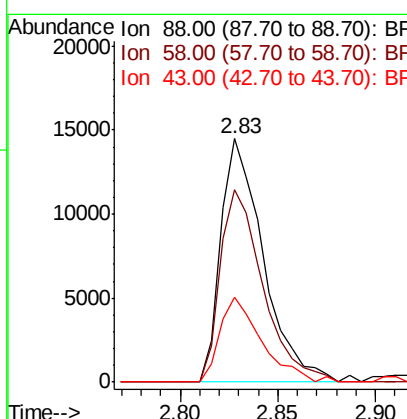
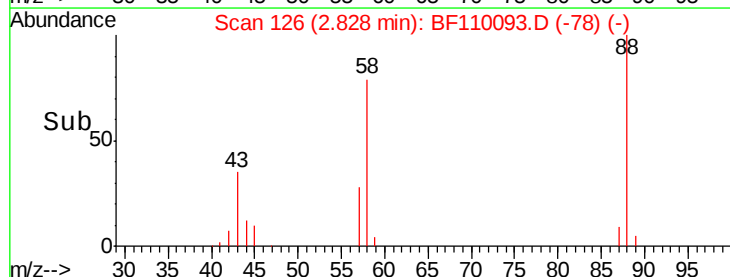


Abundance

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: 4.678 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

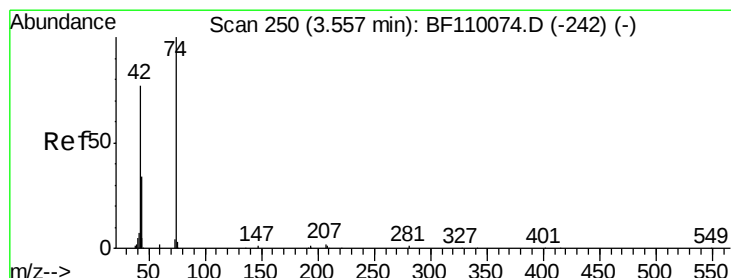
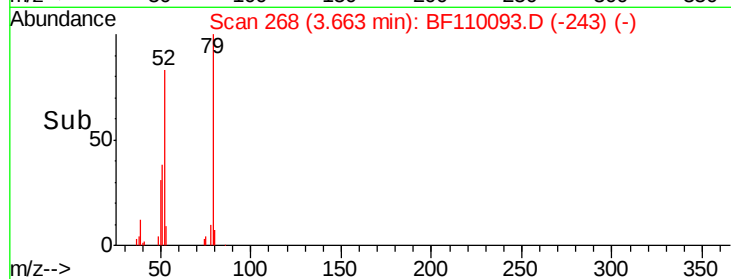
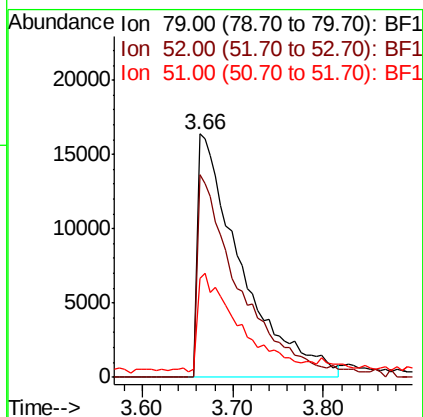
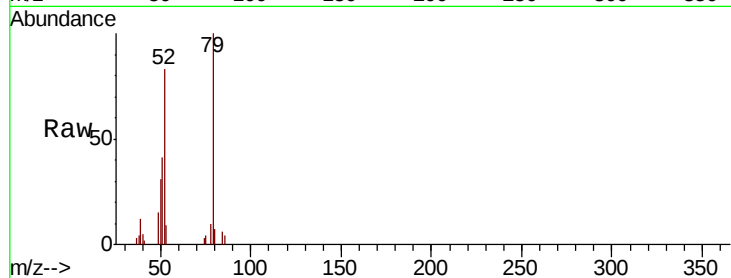
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 54713

Ion	Ratio	Lower	Upper
79	100		
52	83.0	53.1	79.7#
51	40.7	27.4	41.2



#4

n-Nitrosodimethylamine

Concen: 5.075 ng

RT: 3.55 min Scan# 249

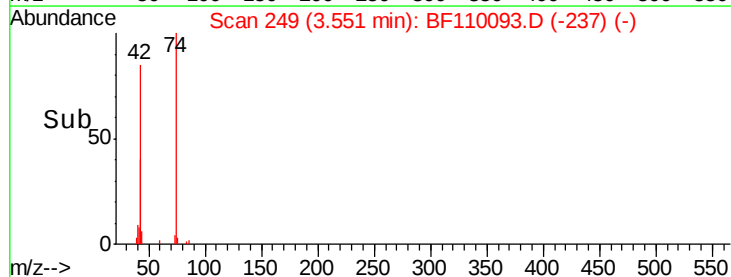
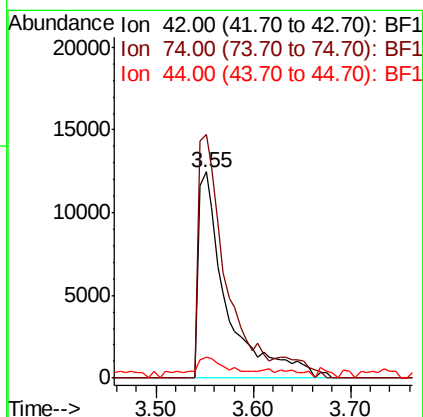
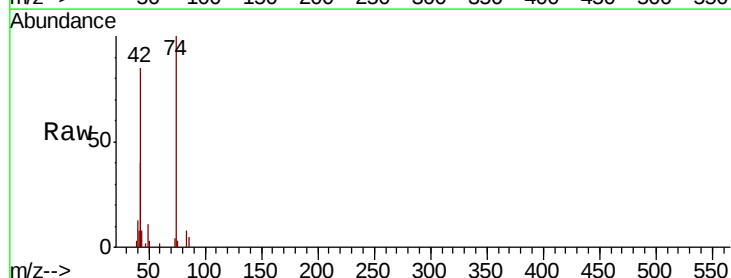
Delta R.T. -0.03 min

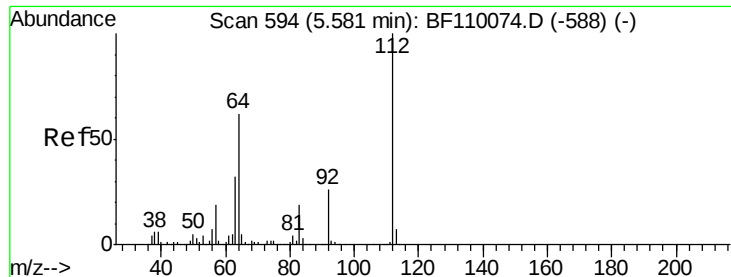
Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Tgt Ion: 42 Resp: 24864

Ion	Ratio	Lower	Upper
42	100		
74	118.2	105.5	158.3
44	10.0	4.9	7.3#





#5

2-Fluorophenol

Concen: 123.322 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

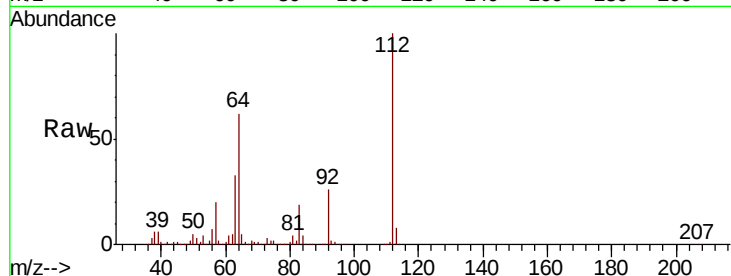
Tot Ion:112 Resp: 1235913

Ion Ratio Lower Upper

112 100

64 62.4 44.1 66.1

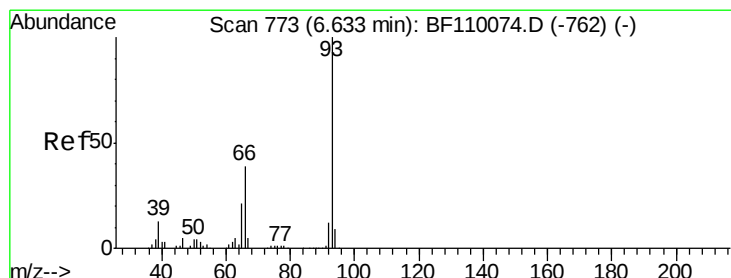
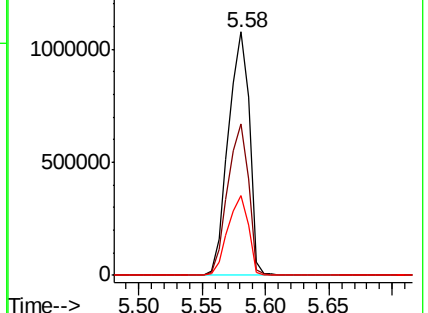
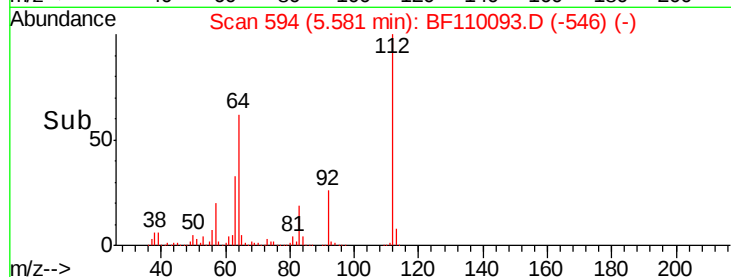
63 33.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 4.278 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

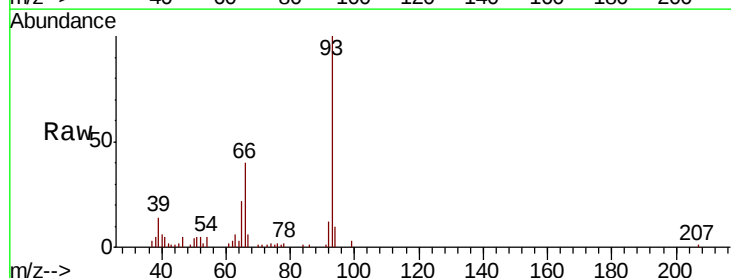
Tgt Ion: 93 Resp: 71433

Ion Ratio Lower Upper

93 100

66 40.0 67.4 101.0#

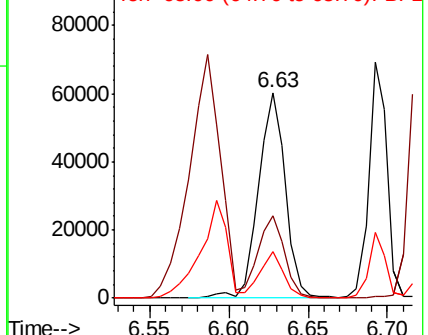
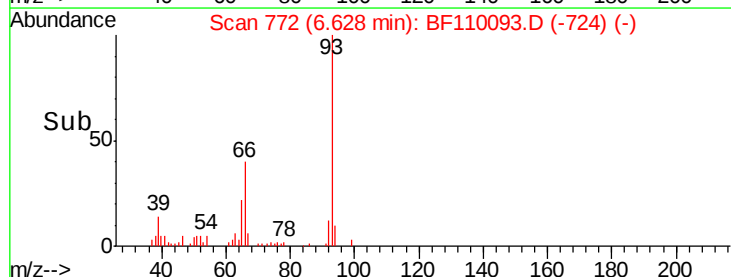
65 22.5 41.0 61.4#

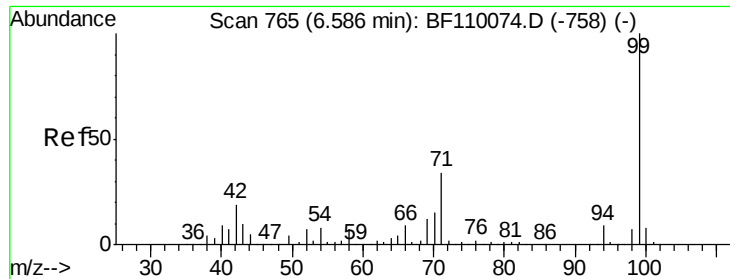


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.426 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

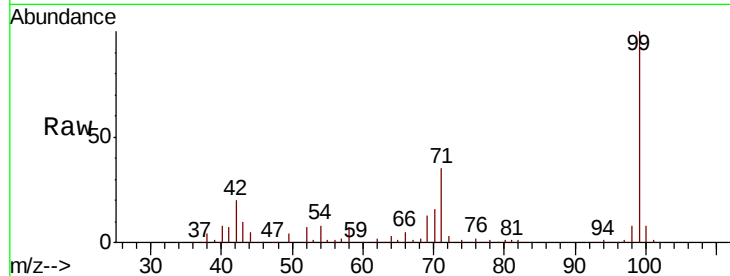
Tot Ion: 99 Resp: 1543712

Ion Ratio Lower Upper

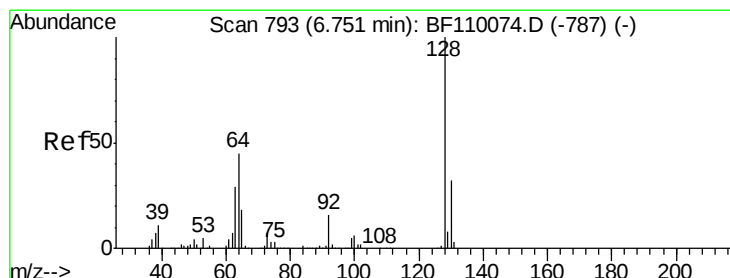
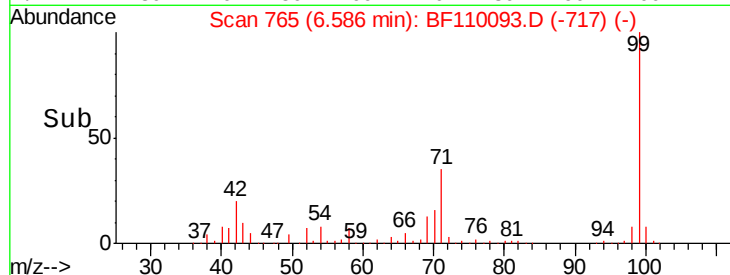
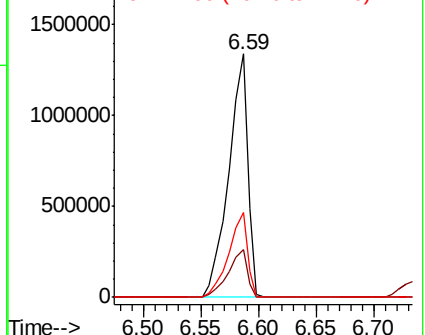
99 100

42 19.6 15.8 23.6

71 34.9 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: 5.072 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

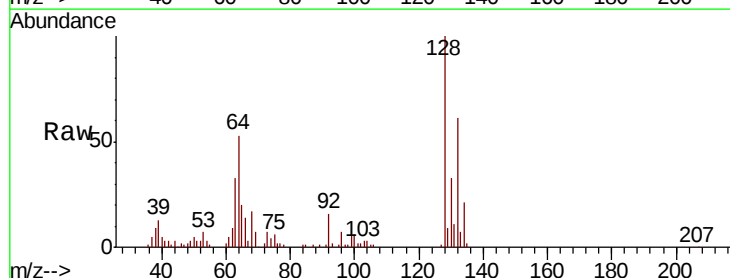
Tgt Ion:128 Resp: 58600

Ion Ratio Lower Upper

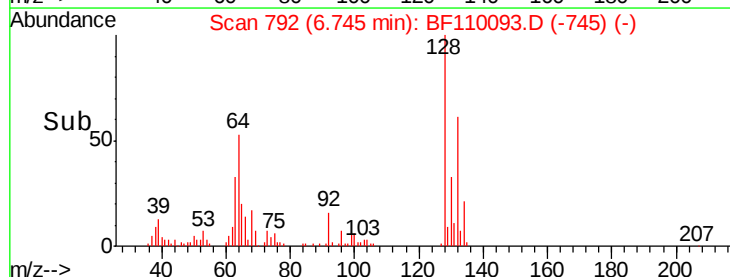
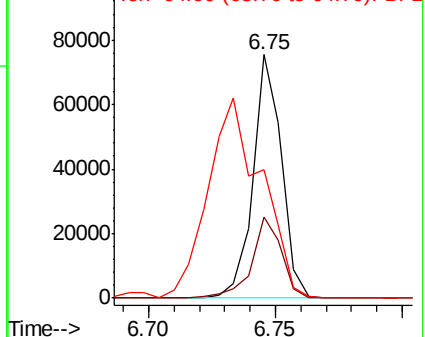
128 100

130 33.3 13.1 53.1

64 52.5 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: 3.699 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

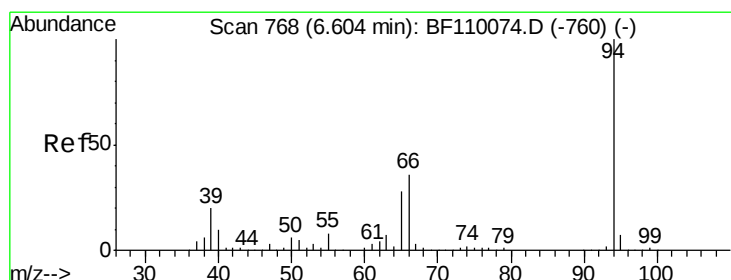
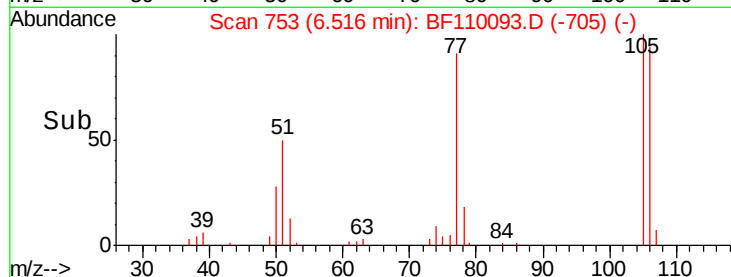
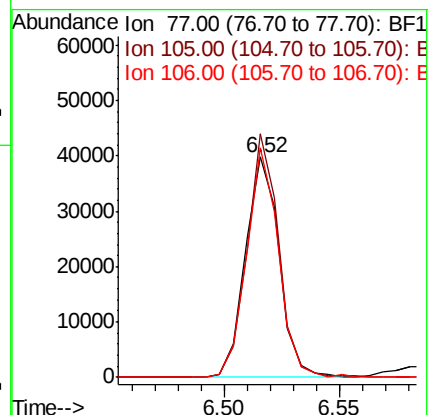
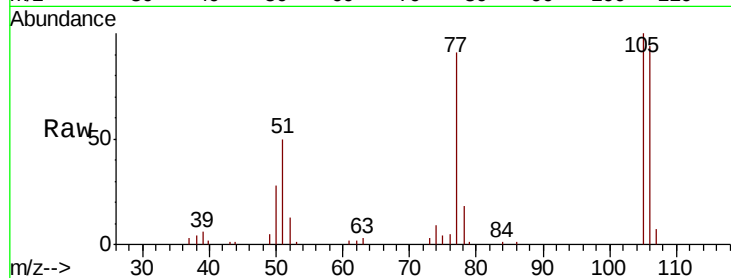
Tot Ion: 77 Resp: 40601

Ion Ratio Lower Upper

77 100

105 110.4 78.6 118.6

106 104.3 74.8 114.8



#10

Phenol

Concen: 4.923 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

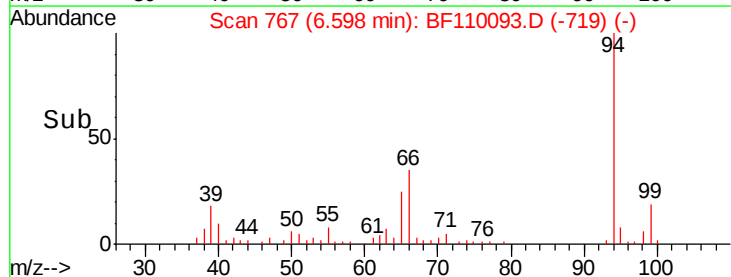
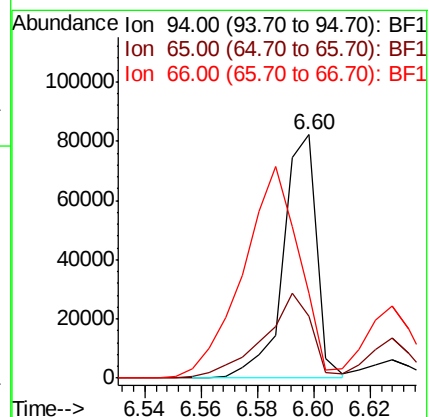
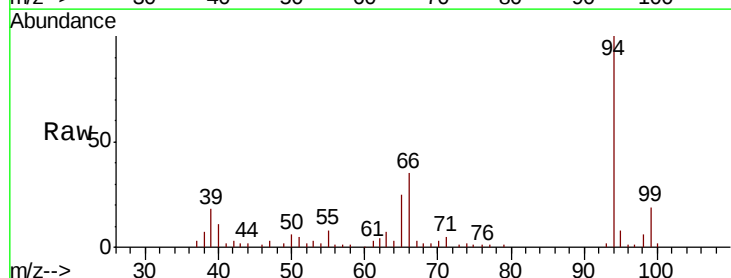
Tgt Ion: 94 Resp: 67460

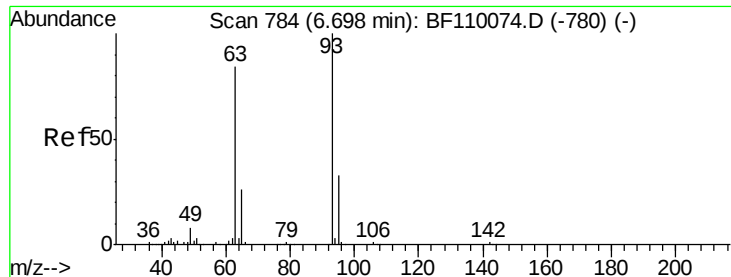
Ion Ratio Lower Upper

94 100

65 25.4 25.3 65.3

66 34.7 54.5 94.5#

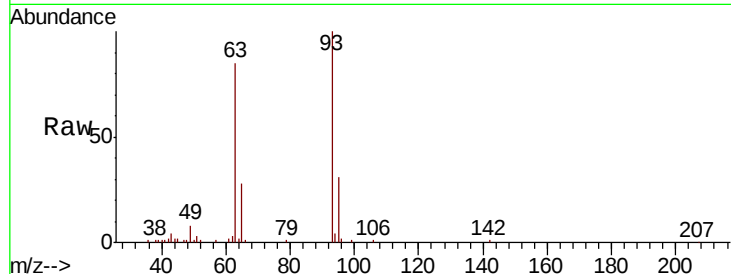




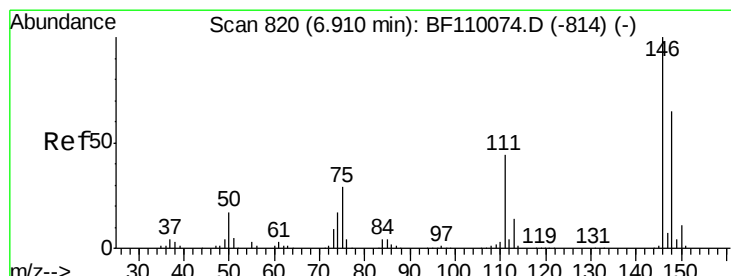
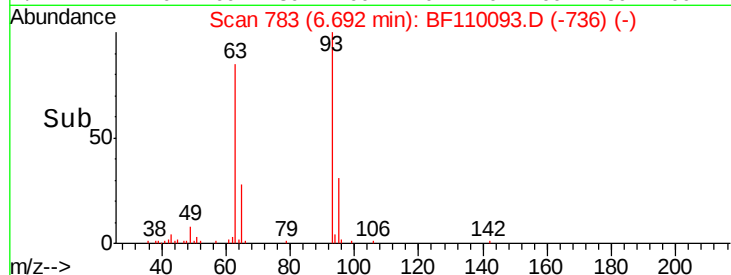
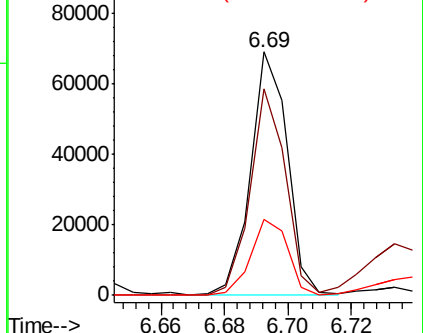
#11
 bis(2-Chloroethyl)ether
 Concen: 4.954 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 55848
 Ion Ratio Lower Upper
 93 100
 63 85.0 53.4 93.4
 95 31.3 12.1 52.1

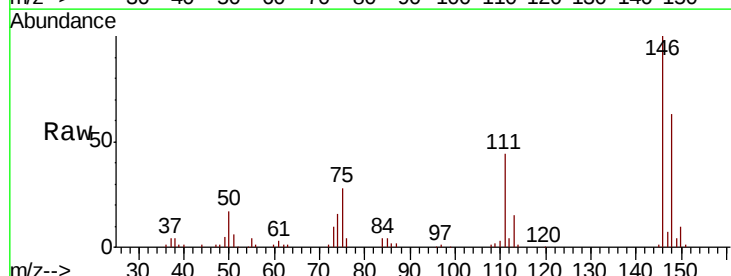


Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1

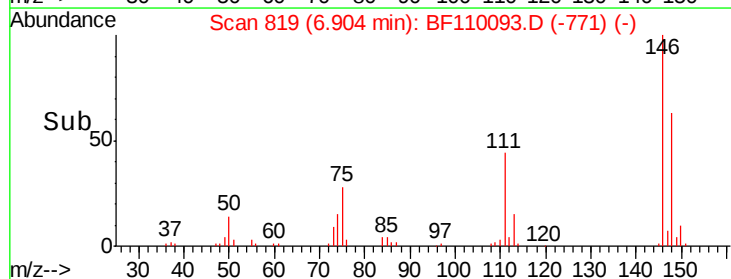
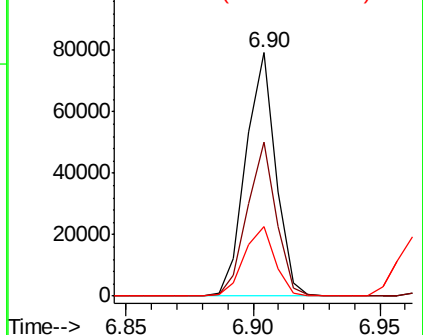


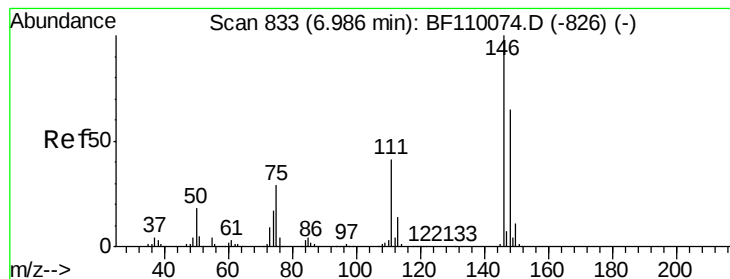
#12
 1,3-Dichlorobenzene
 Concen: 5.128 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion: 146 Resp: 65209
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 75 28.4 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 5.097 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

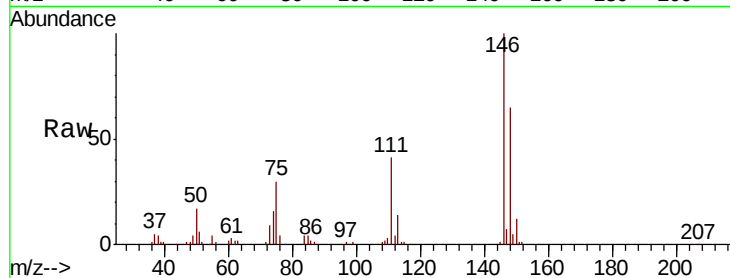
Tot Ion:146 Resp: 65542

Ion Ratio Lower Upper

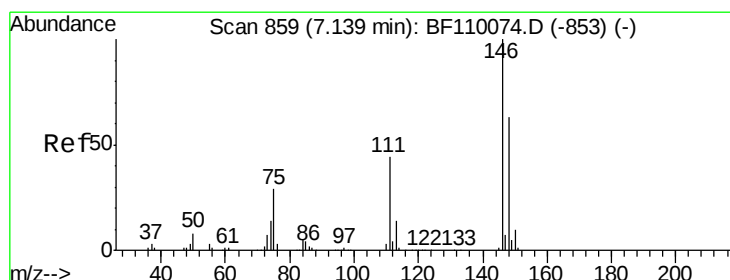
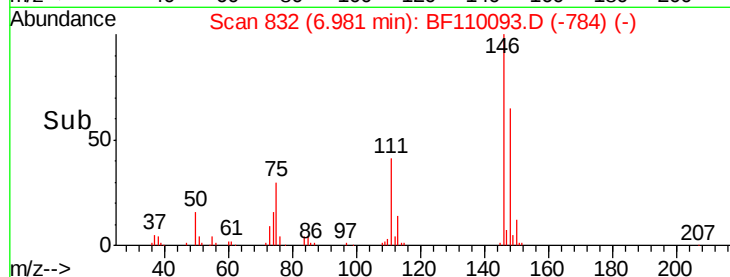
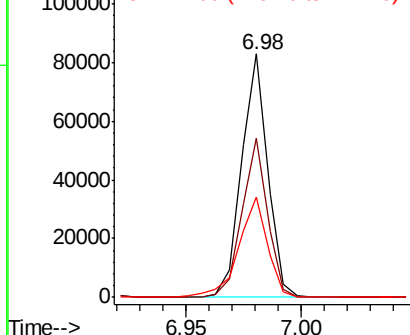
146 100

148 65.4 50.3 75.5

111 41.1 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 5.213 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

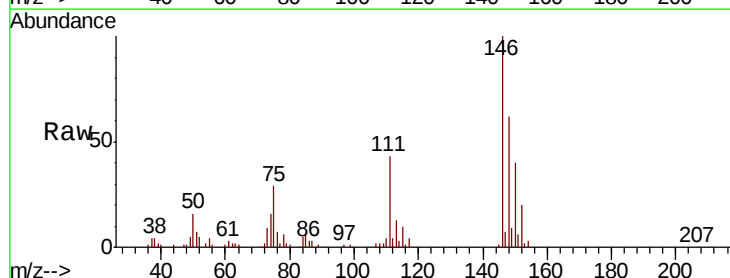
Tgt Ion:146 Resp: 62230

Ion Ratio Lower Upper

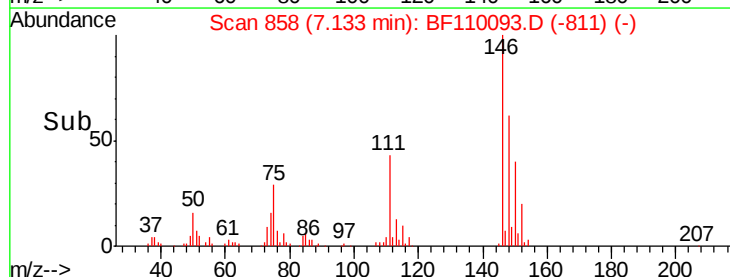
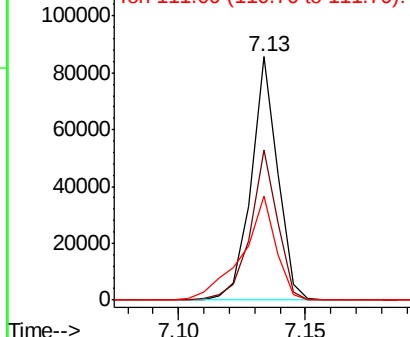
146 100

148 61.7 51.1 76.7

111 42.7 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.202 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

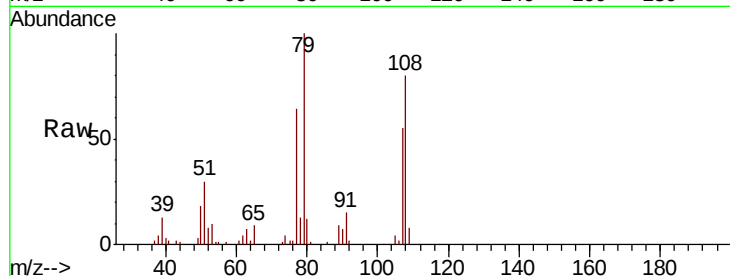
Tot Ion: 79 Resp: 41429

Ion Ratio Lower Upper

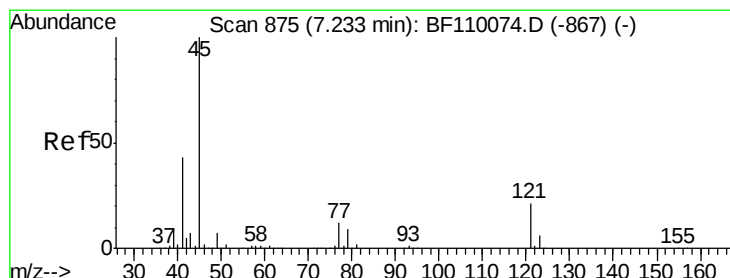
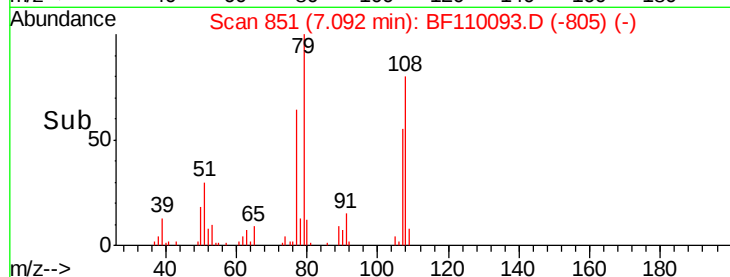
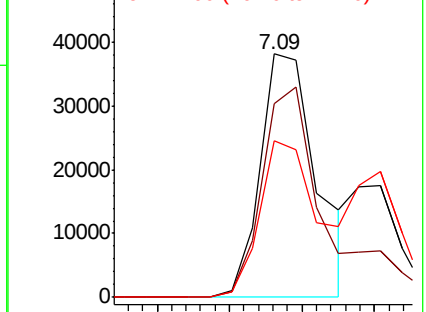
79 100

108 79.8 56.3 84.5

77 64.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.140 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

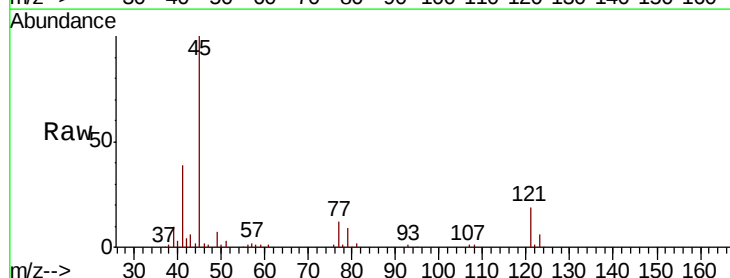
Tgt Ion: 45 Resp: 92638

Ion Ratio Lower Upper

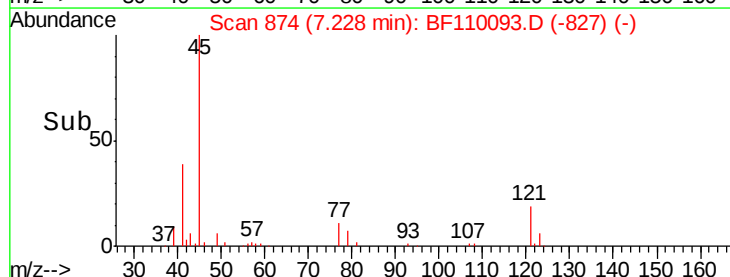
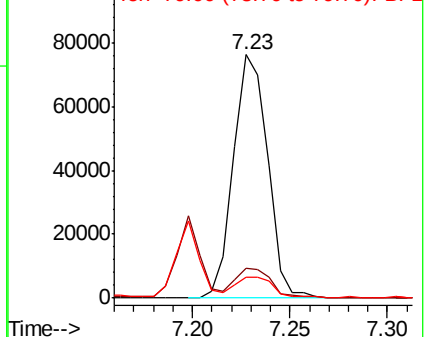
45 100

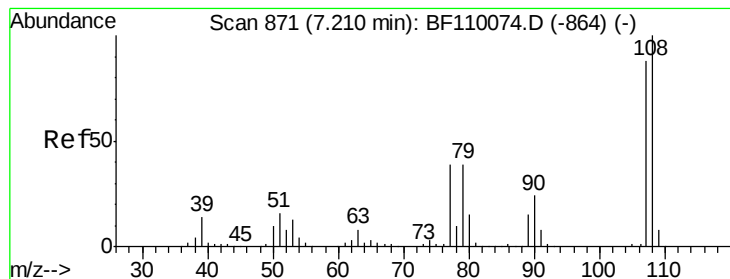
77 12.1 10.0 50.0

79 8.8 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 5.276 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 48581

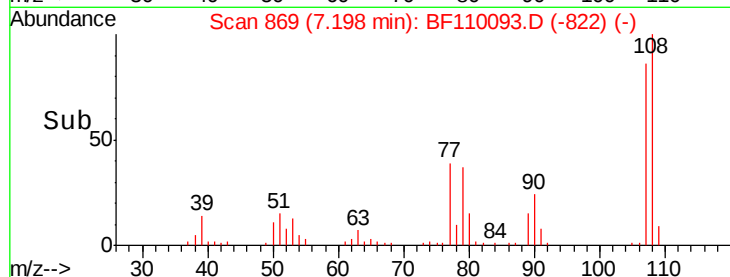
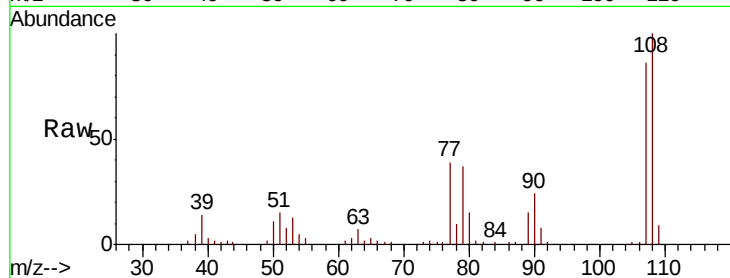
Ion Ratio Lower Upper

107 100

108 115.8 92.6 138.8

77 45.7 59.4 89.2#

79 42.9 54.0 81.0#

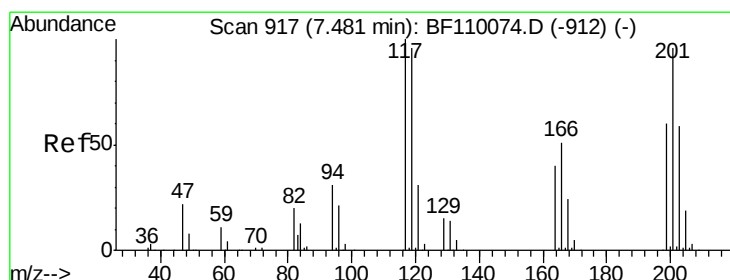
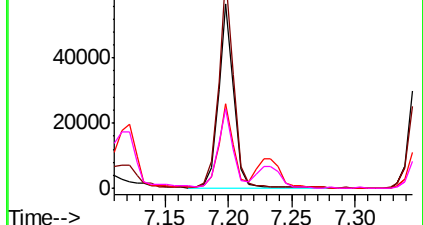


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 4.871 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

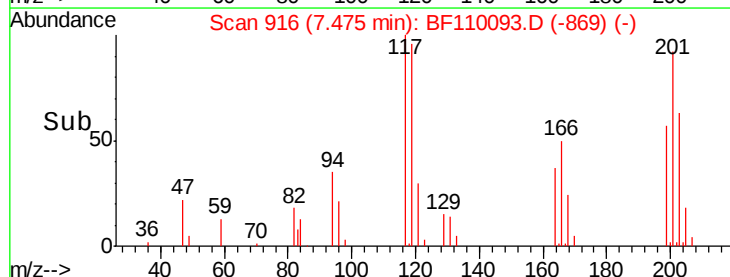
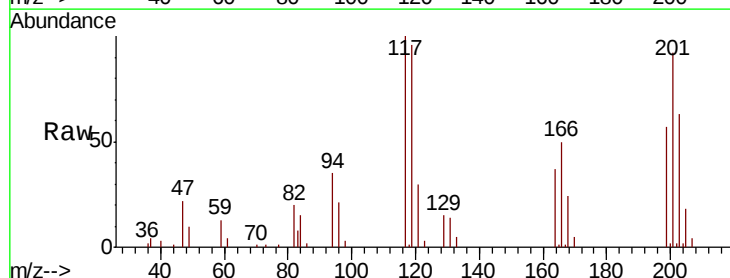
Tgt Ion:117 Resp: 22935

Ion Ratio Lower Upper

117 100

119 96.0 75.0 112.6

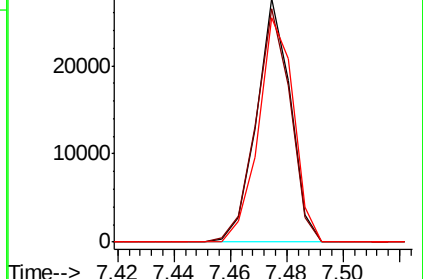
201 92.1 79.2 118.8

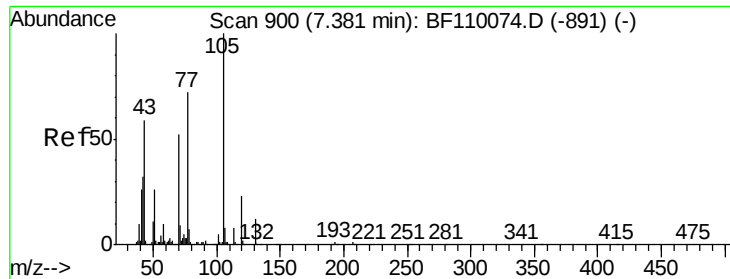


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

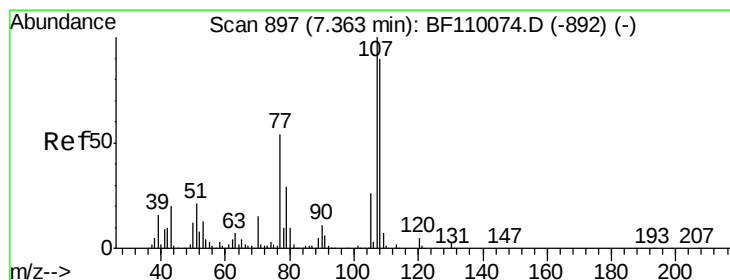
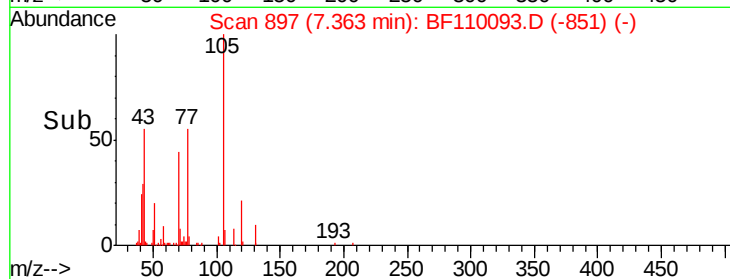
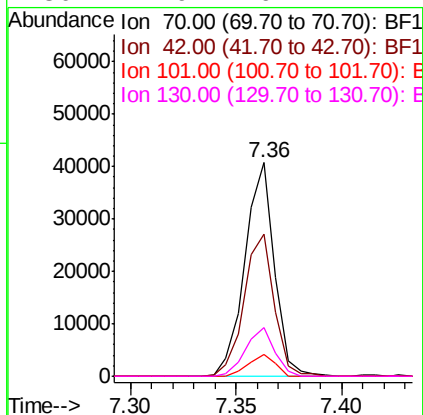
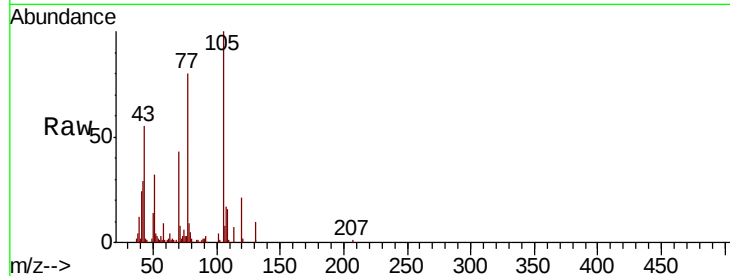




#19
n-Nitroso-di-n-propylamine
Concen: 4.830 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

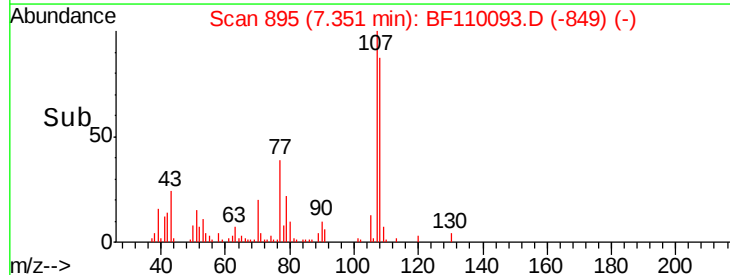
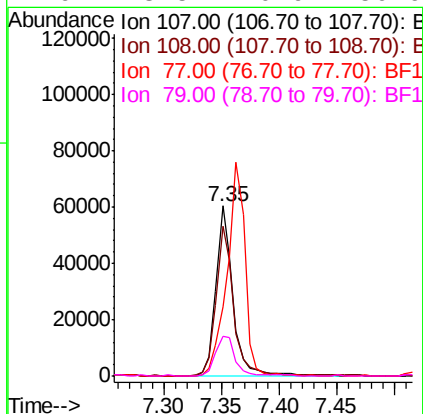
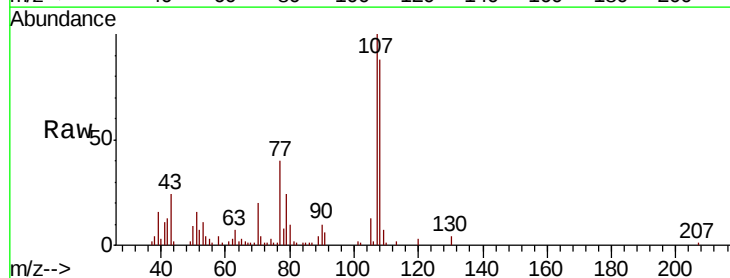
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	39721
Ion	Ratio	Lower	Upper
70	100		
42	66.3	47.4	71.2
101	10.1	7.3	10.9
130	22.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 5.197 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:	107	Resp:	61858
Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.4	111.4
77	40.4	47.3	87.3#
79	23.5	10.9	50.9

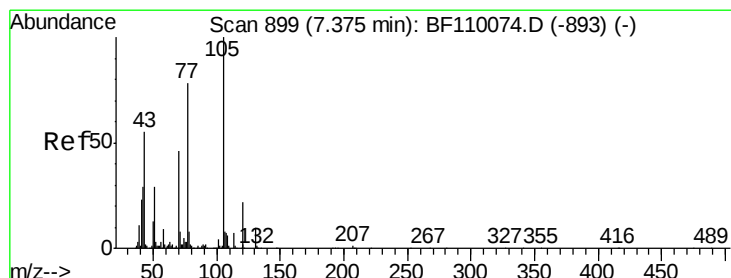
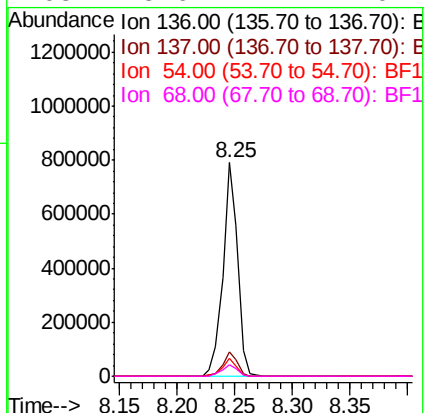
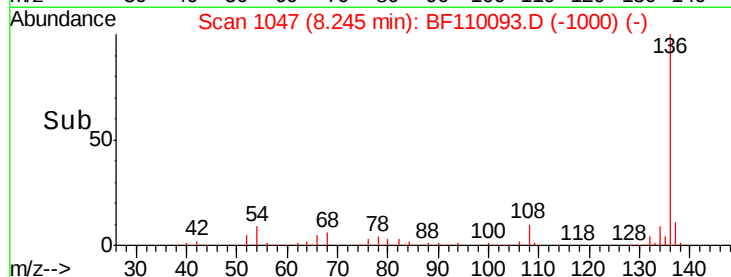
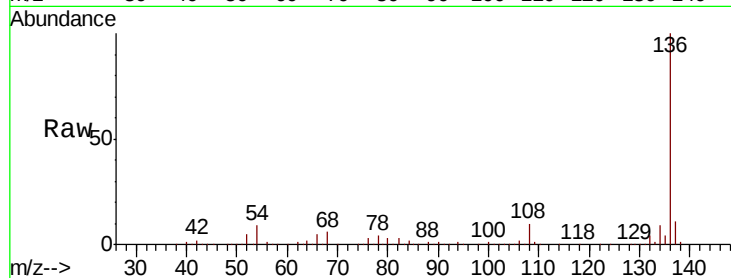




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

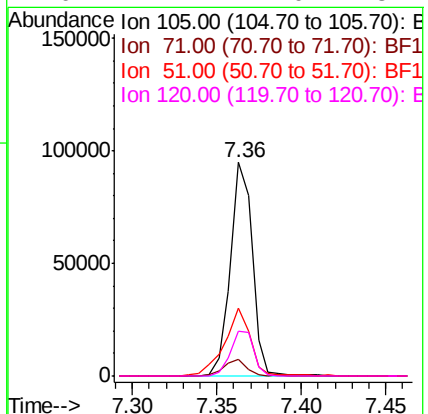
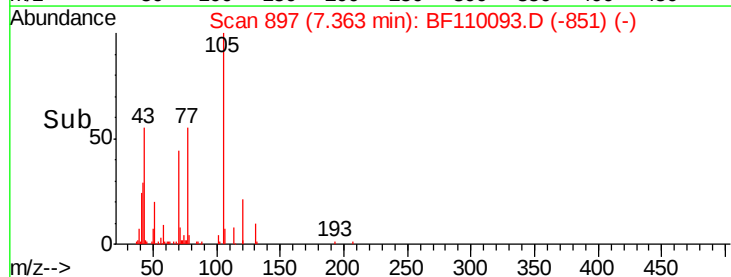
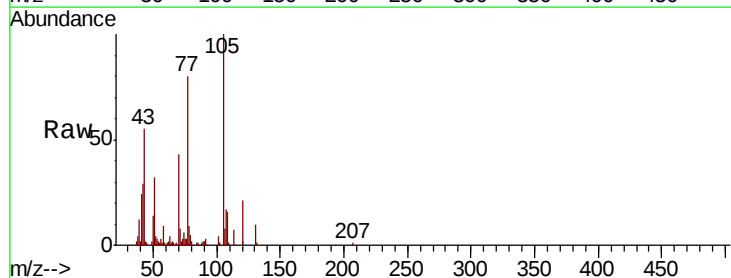
Instrument :
BNA_F
ClientSampleId :

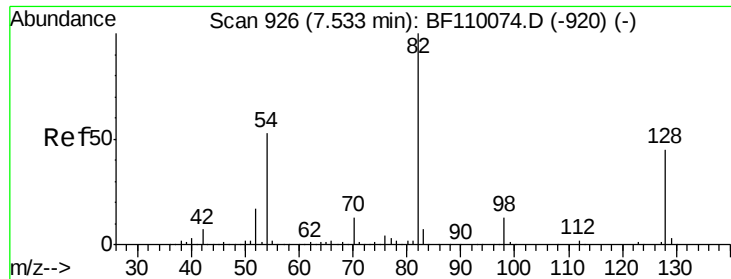
Tot Ion:136	Resp:	693261
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	8.6	5.4 8.2#
68	5.6	4.2 6.2



#22
Acetophenone
Concen: 5.344 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:105	Resp:	85360
Ion Ratio	Lower	Upper
105	100	
71	7.8	5.2 7.8#
51	31.6	21.8 32.8
120	21.1	17.0 25.4

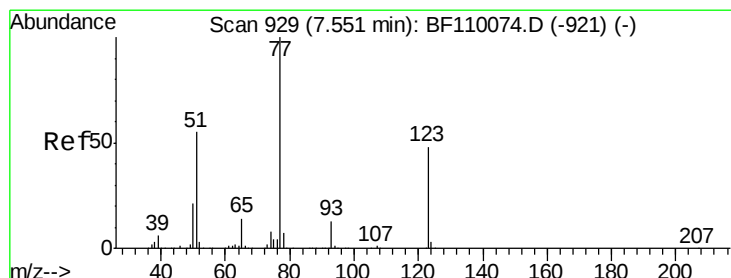
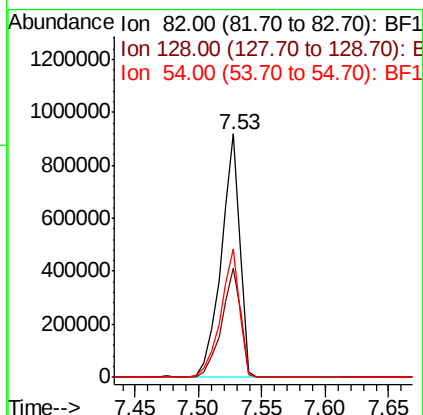
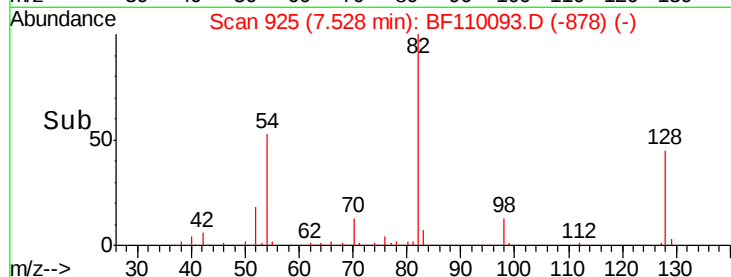
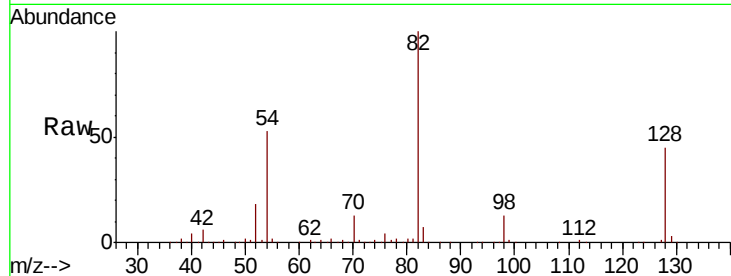




#23
 Nitrobenzene-d5
 Concen: 80.070 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

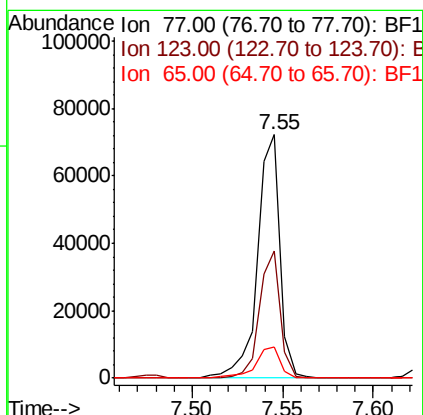
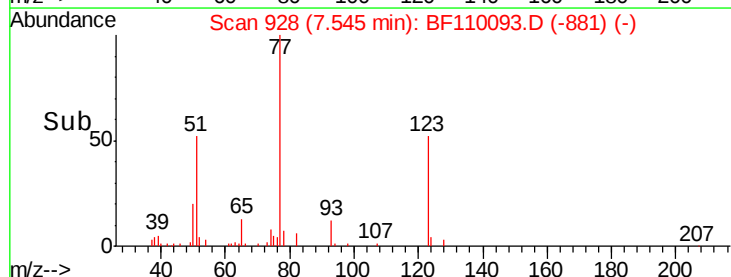
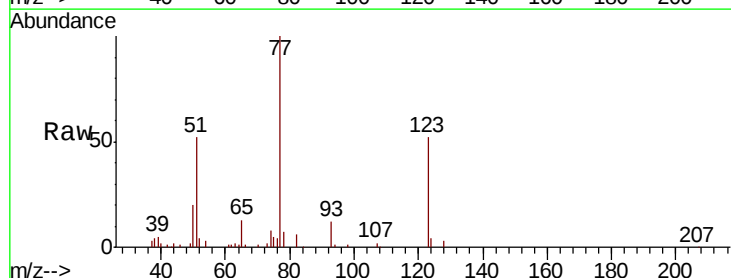
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 935870
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.2 51.2
 54 53.0 38.6 58.0



#24
 Nitrobenzene
 Concen: 5.162 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion: 77 Resp: 62291
 Ion Ratio Lower Upper
 77 100
 123 52.2 35.7 53.5
 65 13.0 10.7 16.1





#25

Isophorone

Concen: 5.538 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

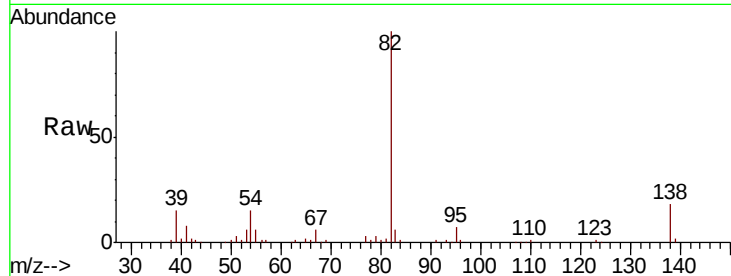
Tot Ion: 82 Resp: 110335

Ion Ratio Lower Upper

82 100

95 6.7 5.7 8.5

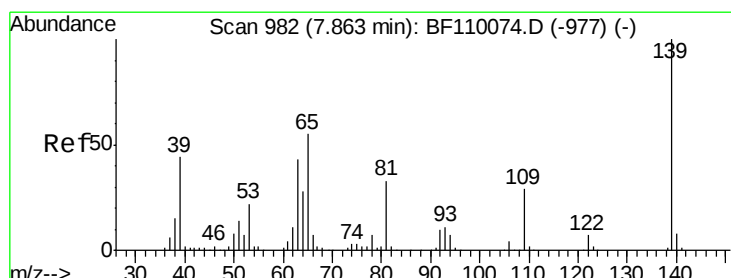
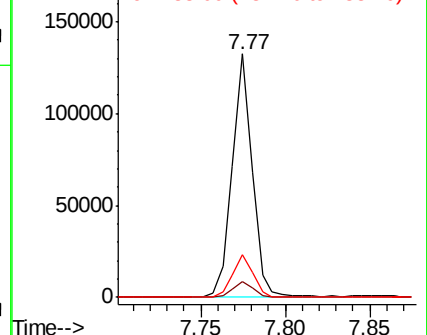
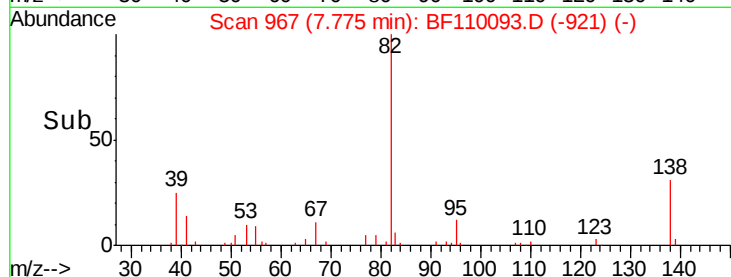
138 17.5 13.2 19.8



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: 4.341 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

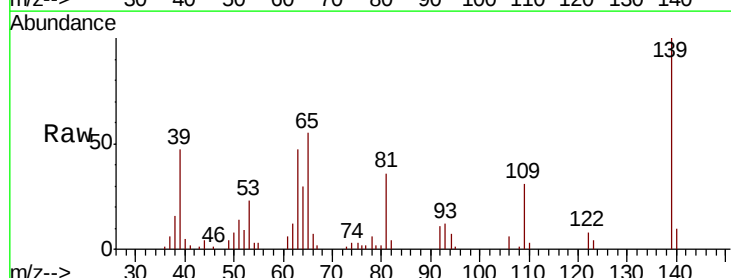
Tgt Ion: 139 Resp: 24926

Ion Ratio Lower Upper

139 100

109 31.0 25.0 37.6

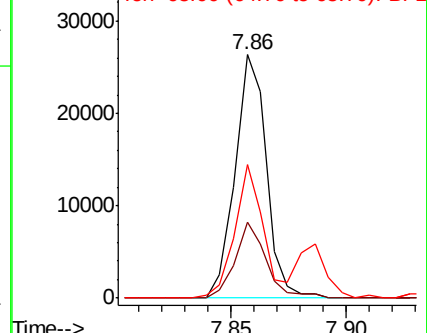
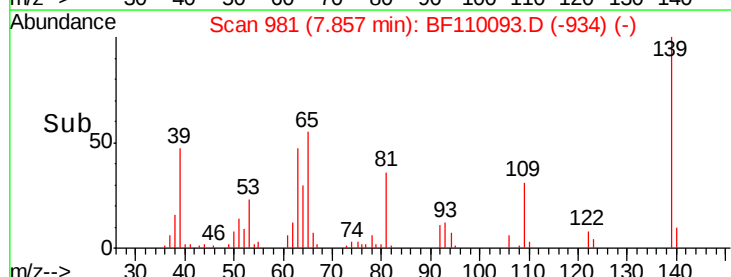
65 55.0 44.0 66.0



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: 5.512 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

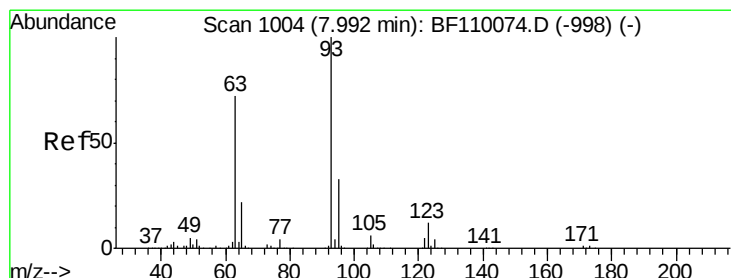
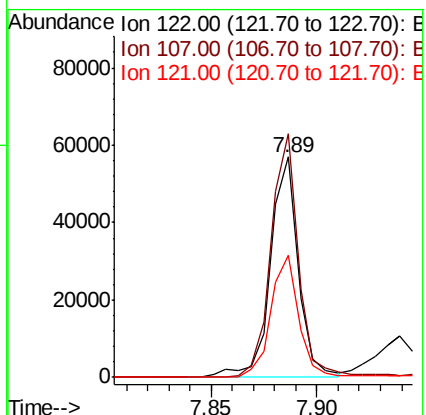
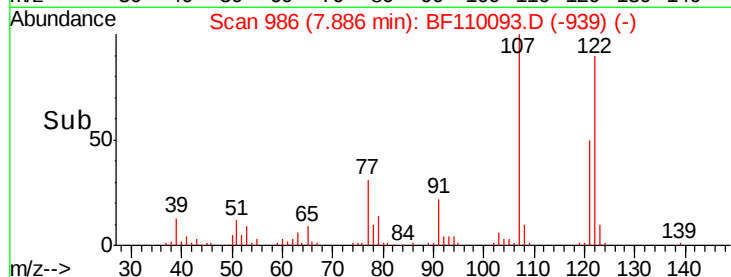
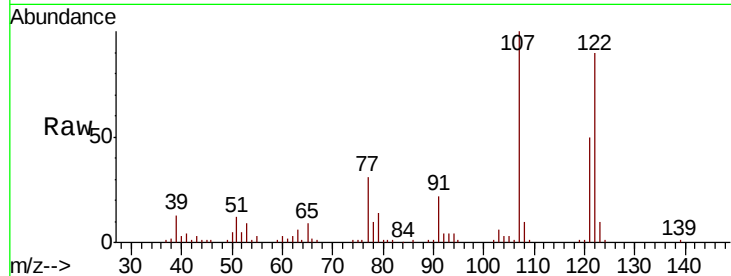
Tot Ion:122 Resp: 52474

Ion Ratio Lower Upper

122 100

107 110.5 92.5 138.7

121 55.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.275 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

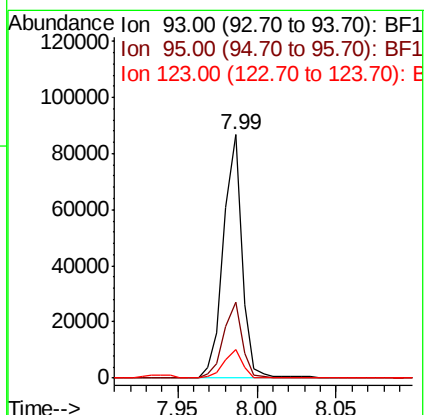
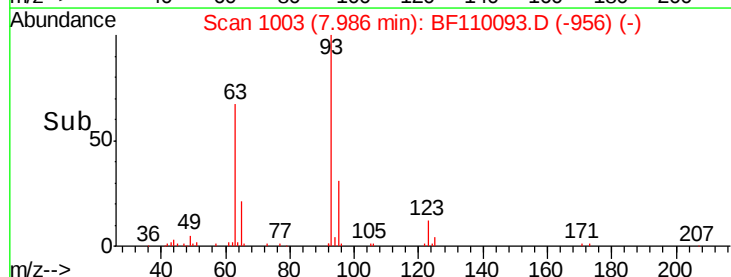
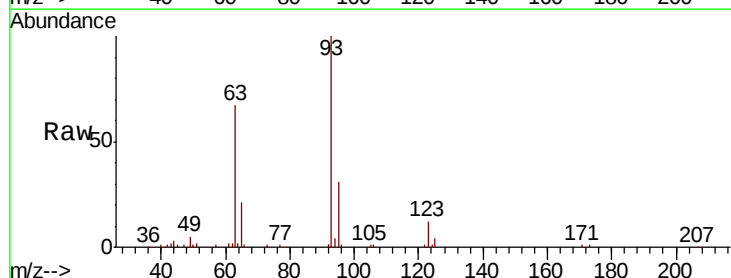
Tgt Ion: 93 Resp: 71403

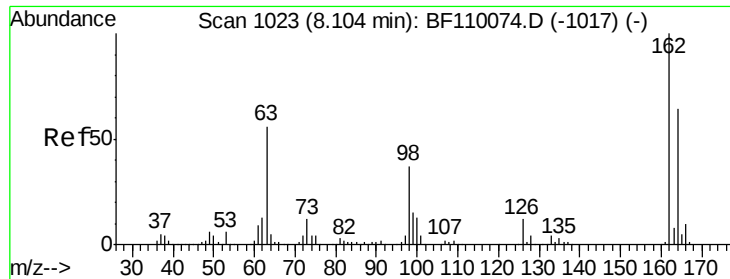
Ion Ratio Lower Upper

93 100

95 31.4 26.4 39.6

123 11.8 9.0 13.6

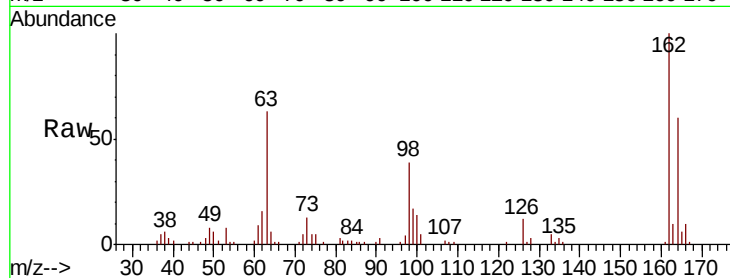




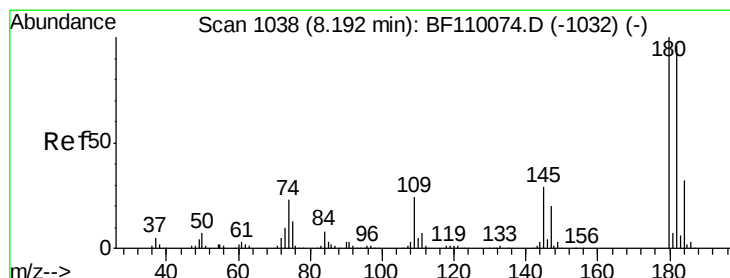
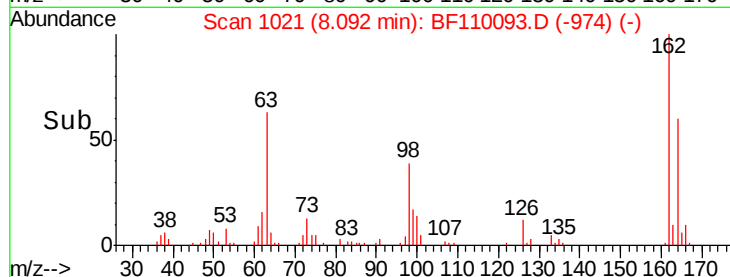
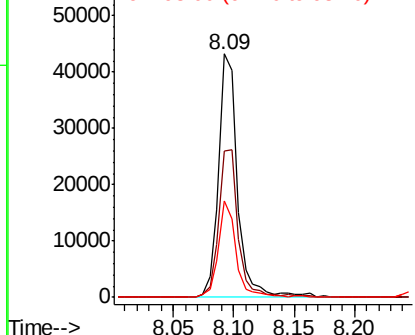
#29
 2,4-Dichlorophenol
 Concen: 4.857 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 46721
 Ion Ratio Lower Upper
 162 100
 164 59.9 44.6 84.6
 98 39.4 17.4 57.4

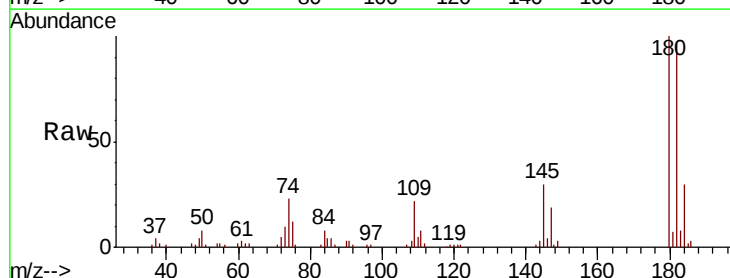


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

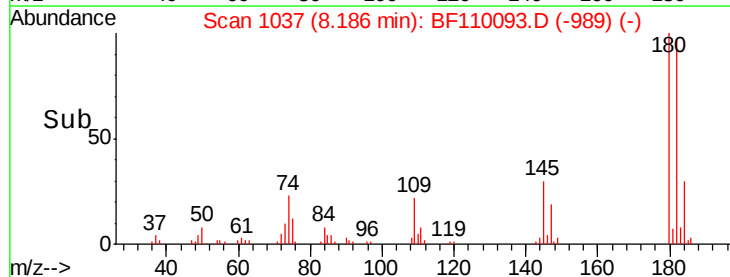
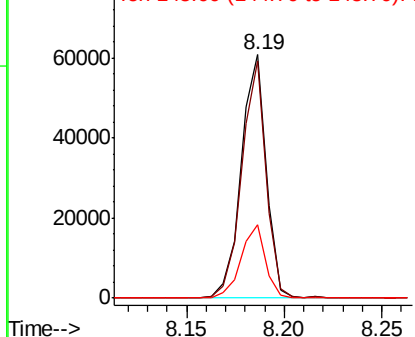


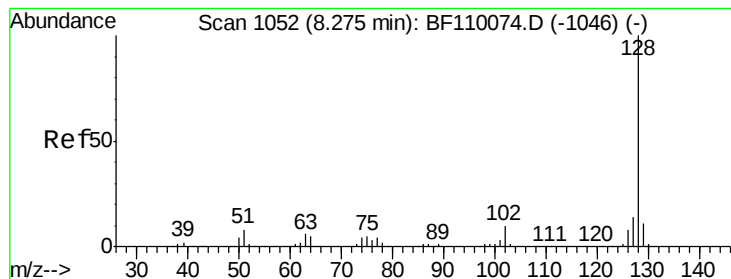
#30
 1,2,4-Trichlorobenzene
 Concen: 5.010 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion:180 Resp: 53972
 Ion Ratio Lower Upper
 180 100
 182 97.2 80.3 120.5
 145 30.1 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: 5.626 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

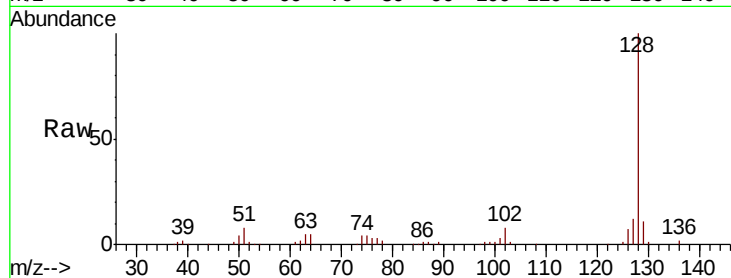
Tot Ion:128 Resp: 179752

Ion Ratio Lower Upper

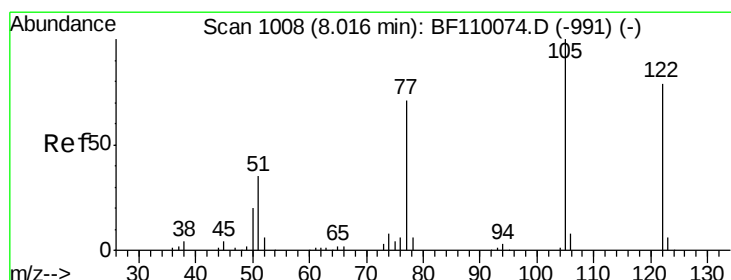
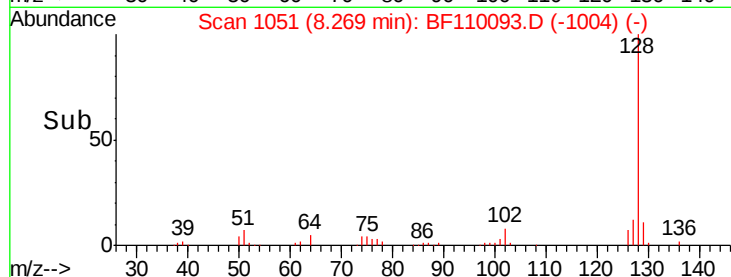
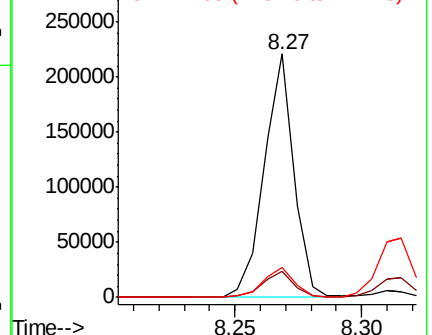
128 100

129 10.7 8.8 13.2

127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.175 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.07 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

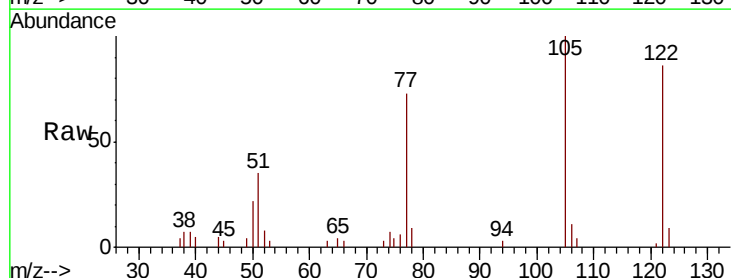
Tgt Ion:122 Resp: 16004

Ion Ratio Lower Upper

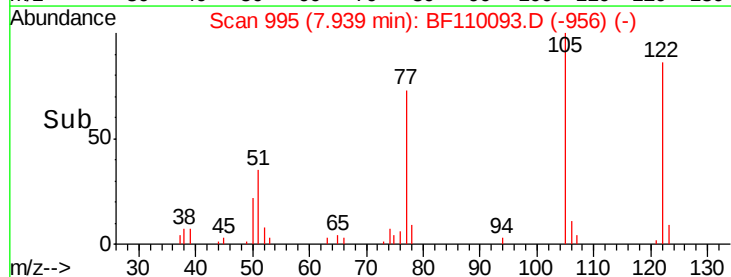
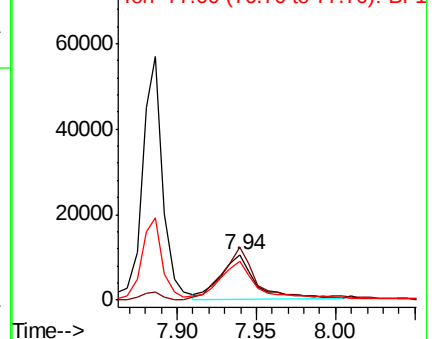
122 100

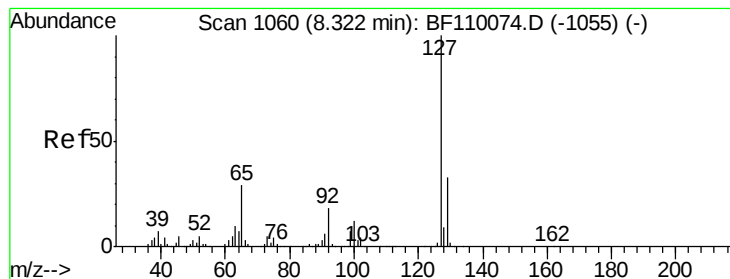
105 116.8 109.0 149.0

77 85.1 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 3.863 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 55543

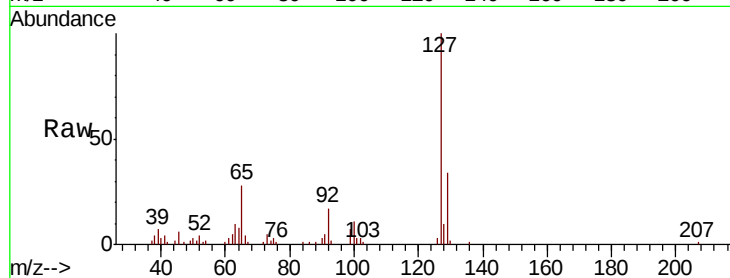
Ion Ratio Lower Upper

127 100

129 33.5 26.0 39.0

65 27.8 25.1 37.7

92 17.2 15.0 22.6

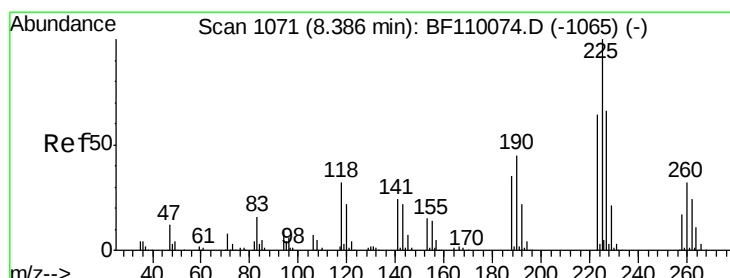
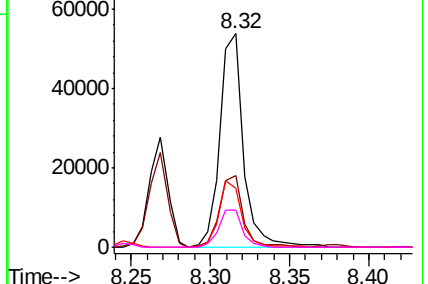
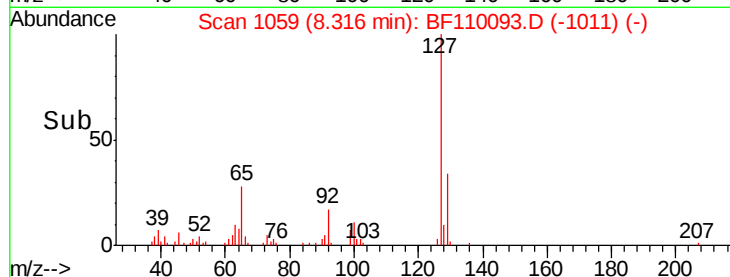


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 4.849 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

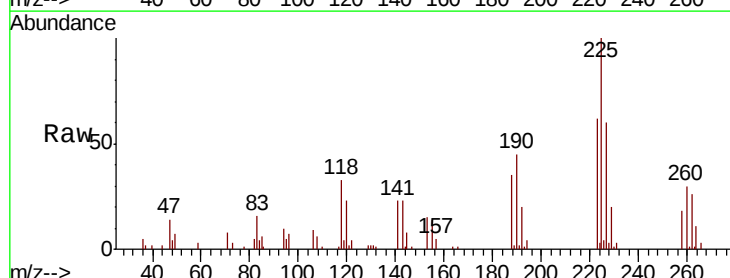
Tgt Ion:225 Resp: 29005

Ion Ratio Lower Upper

225 100

223 62.1 51.4 77.2

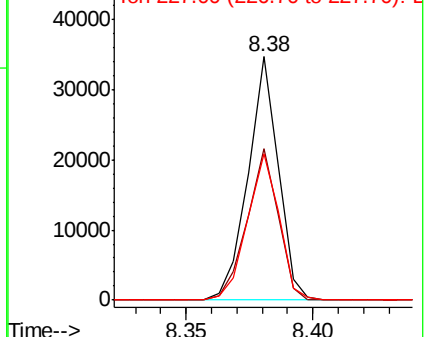
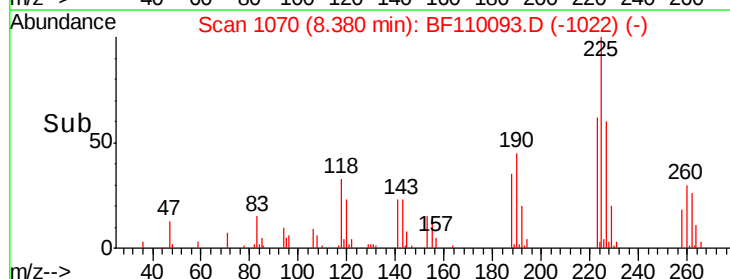
227 60.4 51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

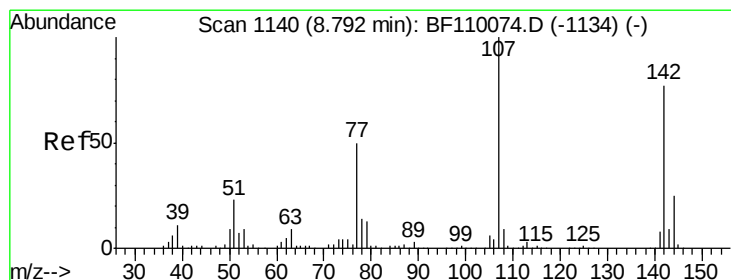
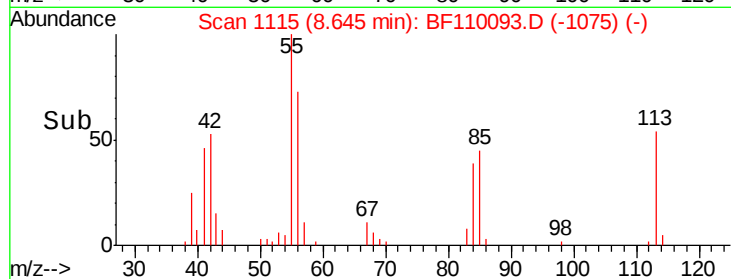
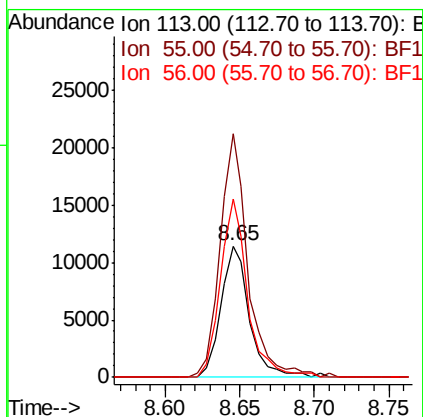
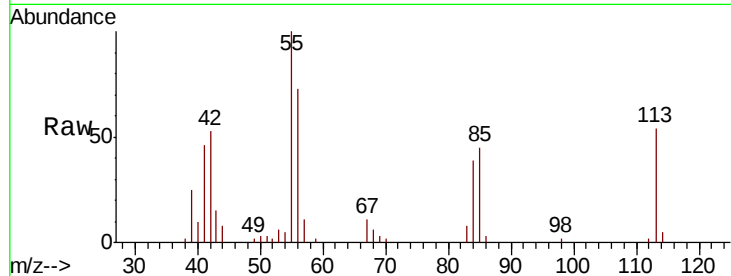




#35
 Caprolactam
 Concen: 4.588 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

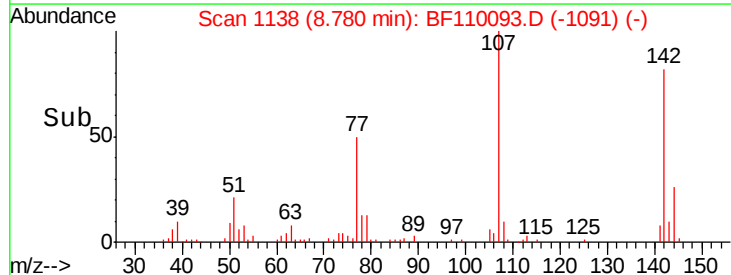
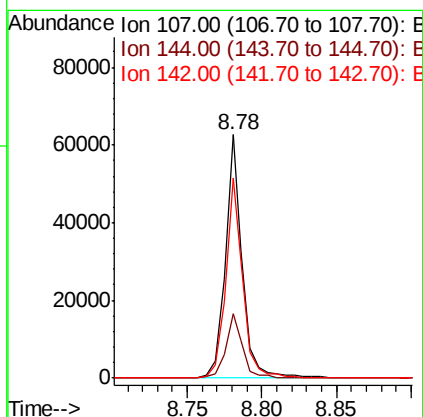
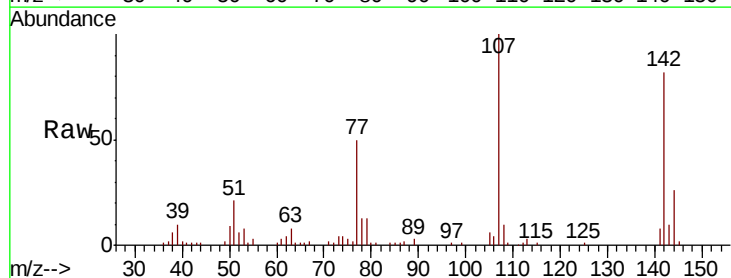
Instrument :
 BNA_F
 ClientSampled :

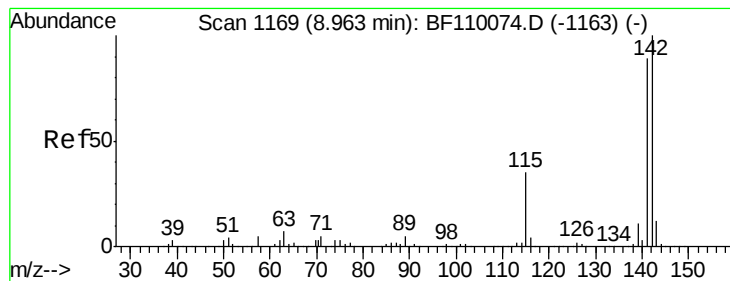
Tot Ion:113 Resp: 15381
 Ion Ratio Lower Upper
 113 100
 55 185.5 142.8 182.8#
 56 135.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 4.817 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion:107 Resp: 50107
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.0 30.0
 142 82.0 59.7 89.5





#37

2-Methylnaphthalene

Concen: 5.784 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

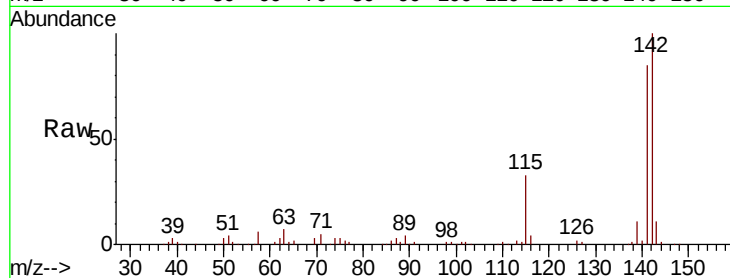
Tot Ion:142 Resp: 122268

Ion Ratio Lower Upper

142 100

141 84.7 71.4 107.2

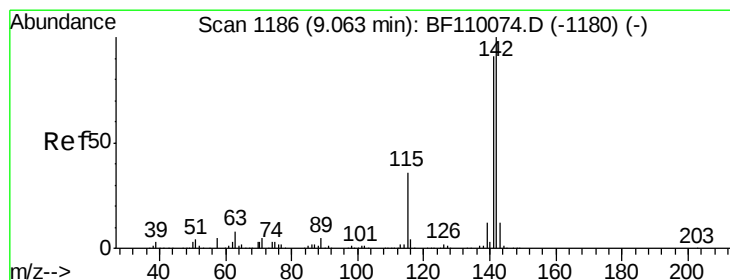
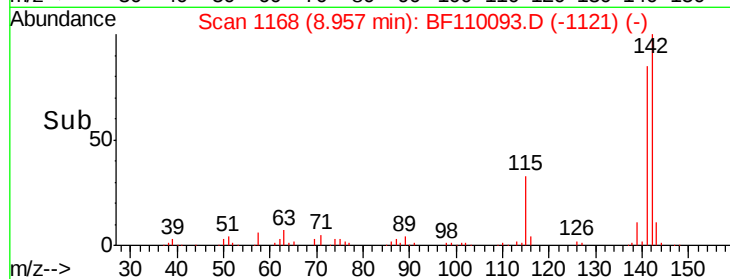
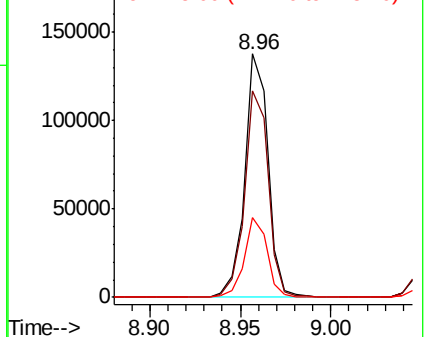
115 32.9 28.7 43.1



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: 5.985 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.12 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

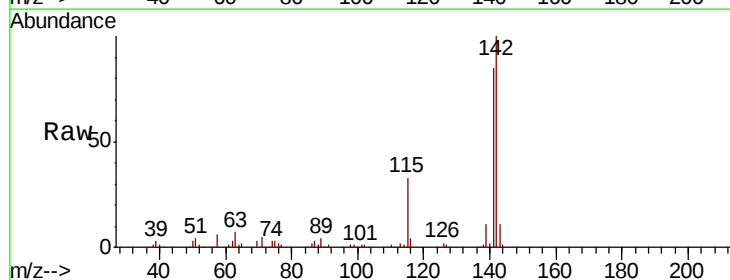
Tgt Ion:142 Resp: 122268

Ion Ratio Lower Upper

142 100

141 84.7 74.2 111.4

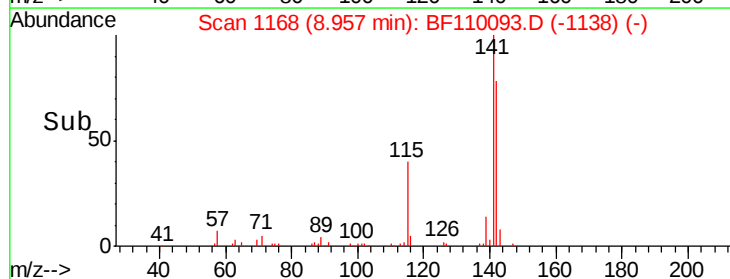
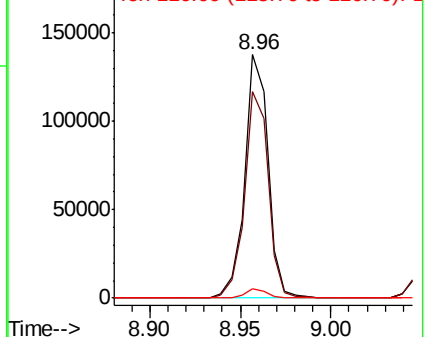
116 3.7 2.6 4.0



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# 1346

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

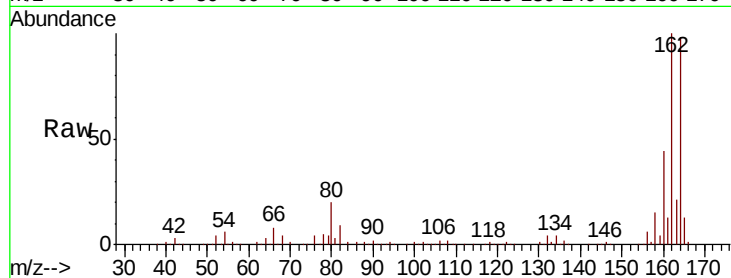
Tot Ion:164 Resp: 341455

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.6

160 44.4 37.0 55.6

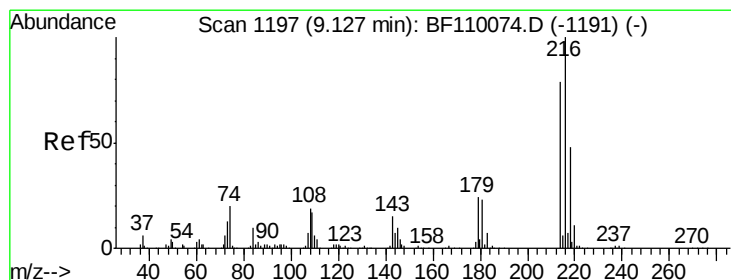
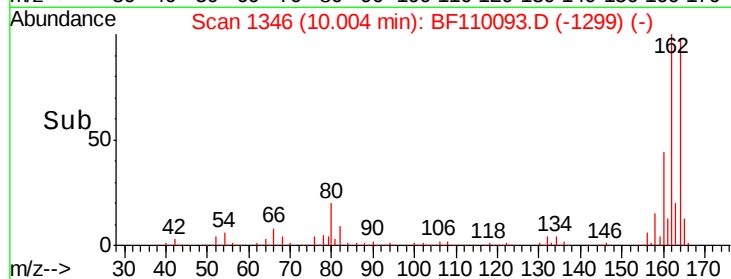
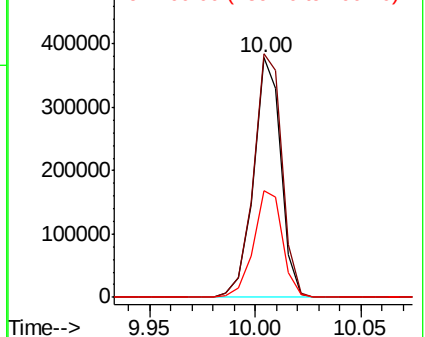


Abundance

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: 4.799 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Tgt Ion:216 Resp: 51057

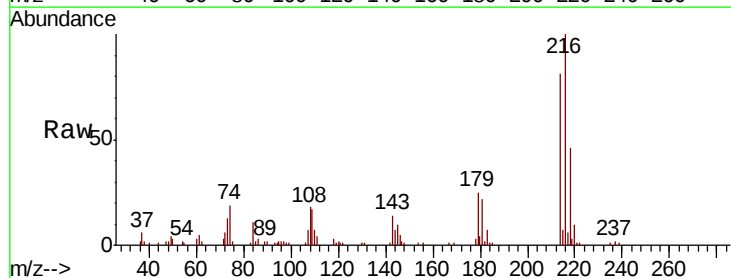
Ion Ratio Lower Upper

216 100

214 77.7 63.8 95.6

179 23.4 16.6 25.0

108 19.3 15.1 22.7



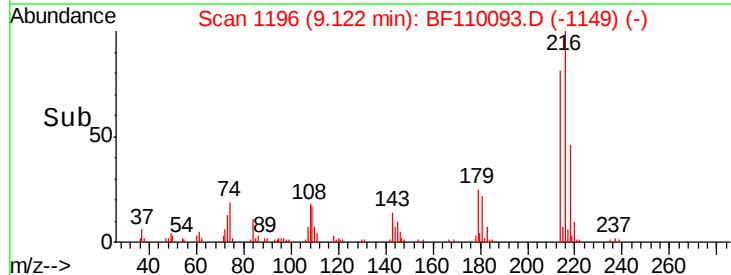
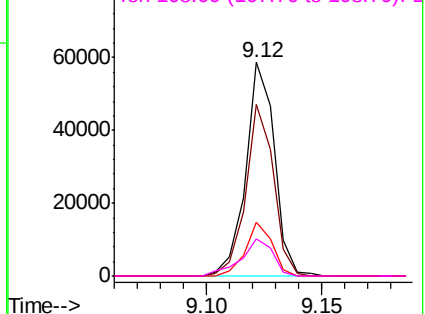
Abundance

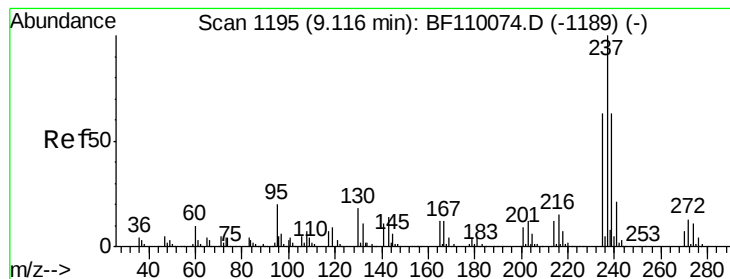
Ion 216.00 (215.70 to 216.70): E

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: 4.698 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

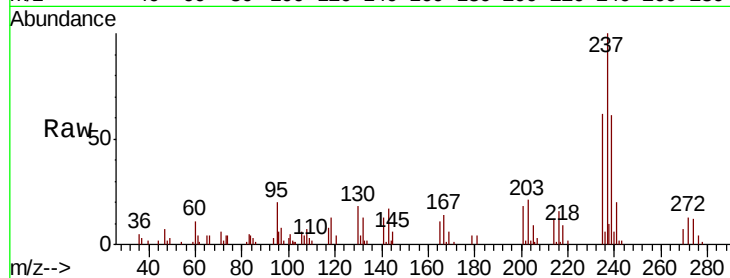
Tot Ion:237 Resp: 25560

Ion Ratio Lower Upper

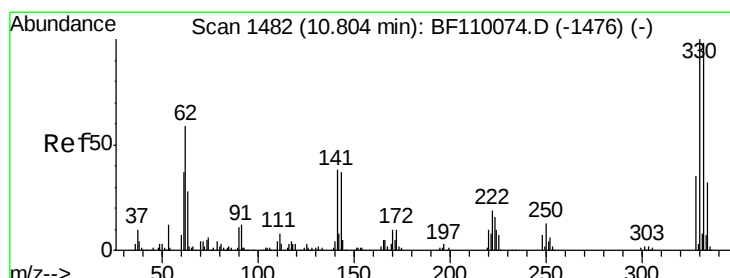
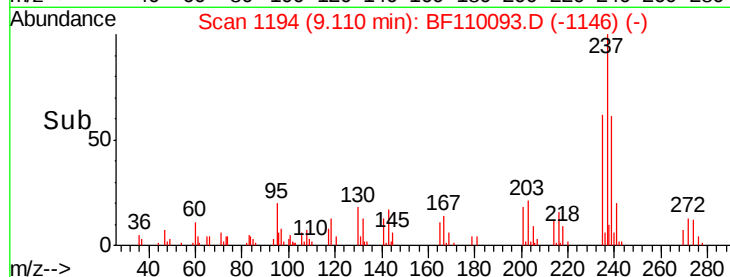
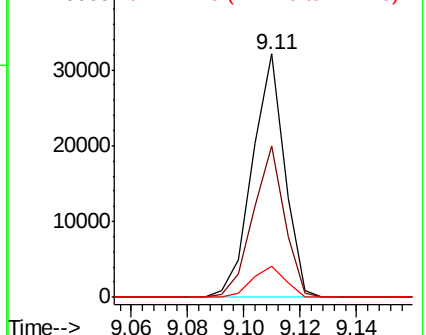
237 100

235 62.0 43.1 83.1

272 13.0 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: 122.019 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

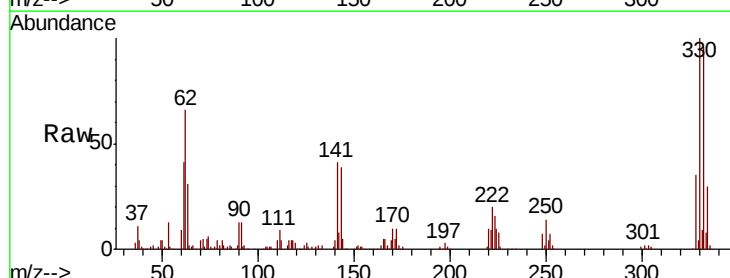
Tgt Ion:330 Resp: 412711

Ion Ratio Lower Upper

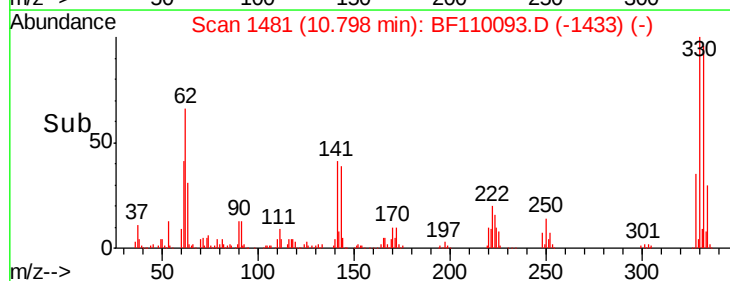
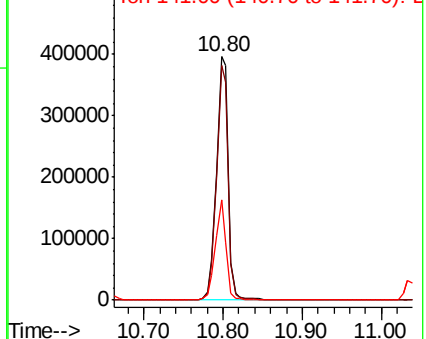
330 100

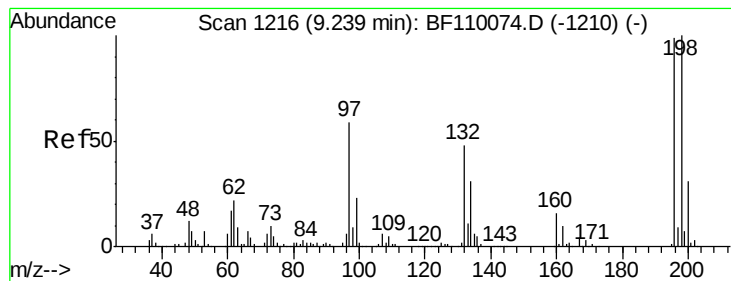
332 94.5 77.1 115.7

141 37.1 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

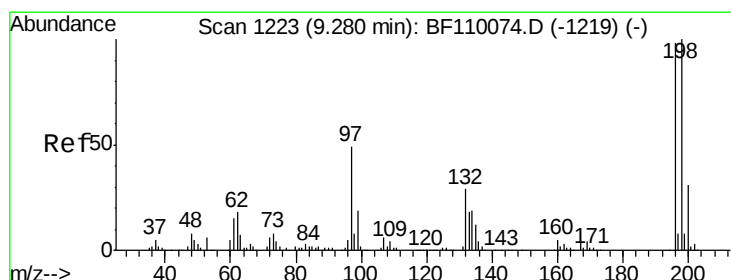
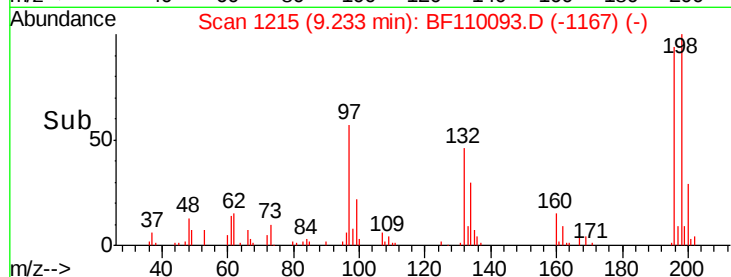
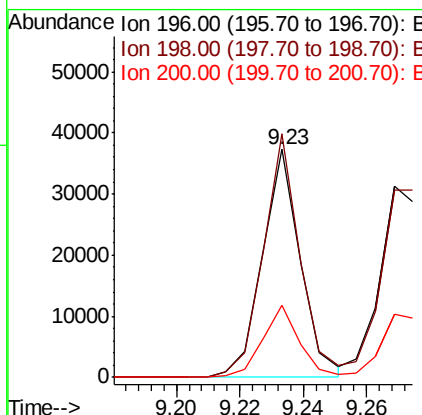
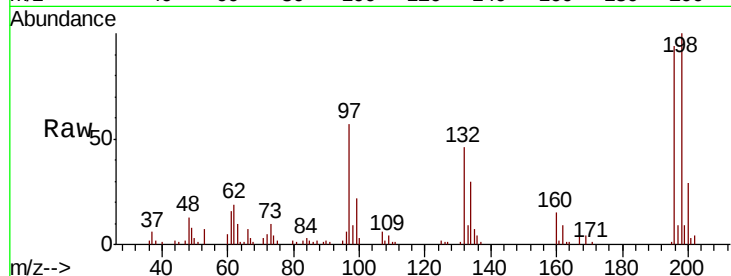




#43
 2,4,6-Trichlorophenol
 Concen: 4.548 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

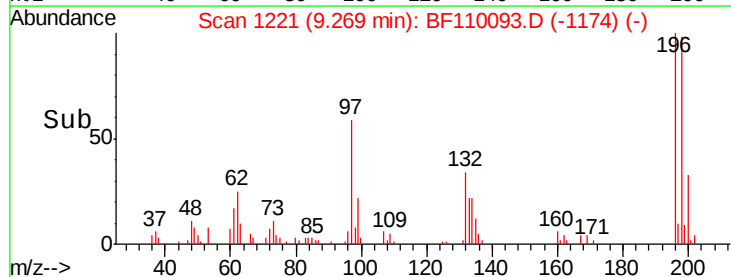
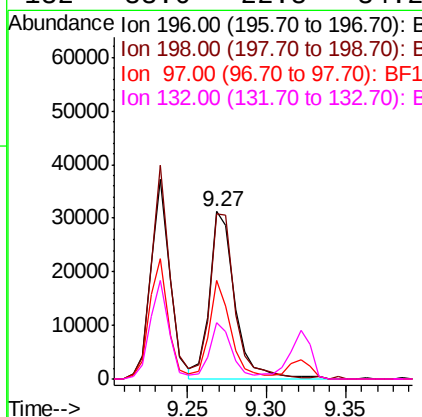
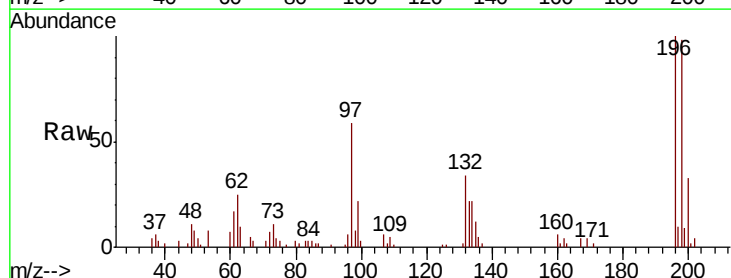
Instrument :
 BNA_F
 ClientSampled :

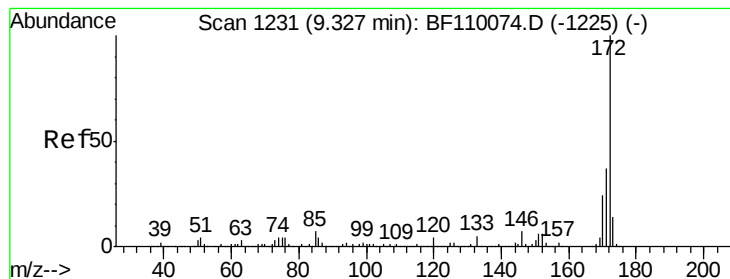
Tot Ion:196 Resp: 31210
 Ion Ratio Lower Upper
 196 100
 198 106.7 76.2 114.4
 200 31.4 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 4.831 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion:196 Resp: 35045
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.8 113.6
 97 58.6 42.4 63.6
 132 33.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 79.282 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

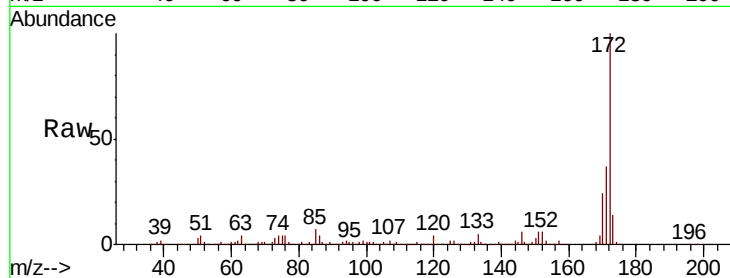
Tot Ion:172 Resp: 1724009

Ion Ratio Lower Upper

172 100

171 37.0 28.6 43.0

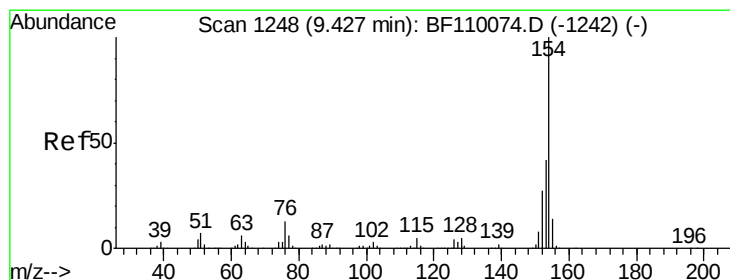
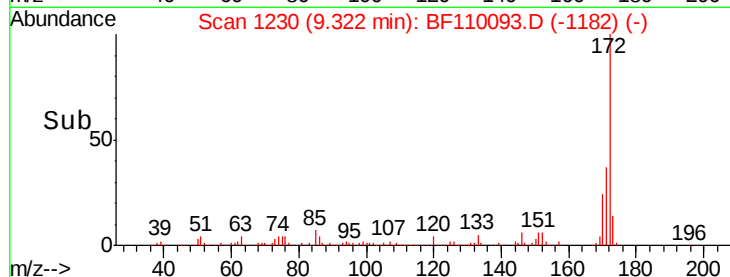
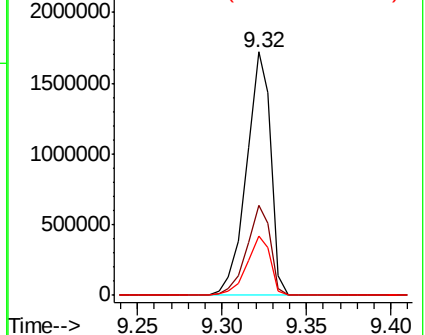
170 24.3 19.7 29.5



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: 5.033 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

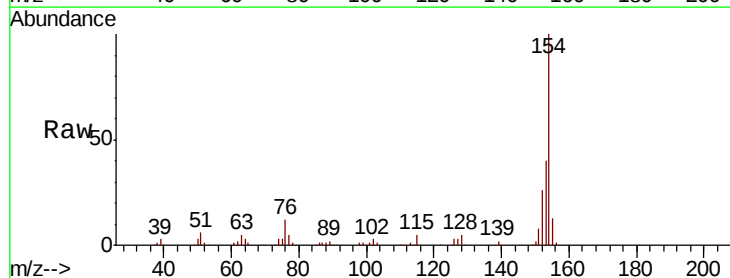
Tgt Ion:154 Resp: 155419

Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

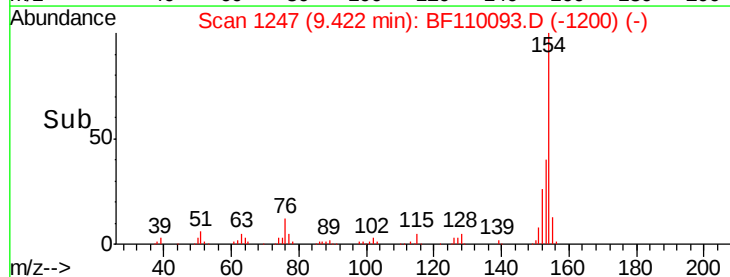
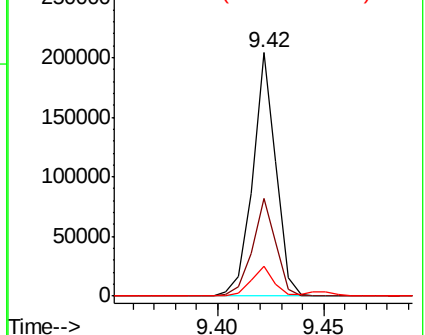
76 12.1 0.0 31.9

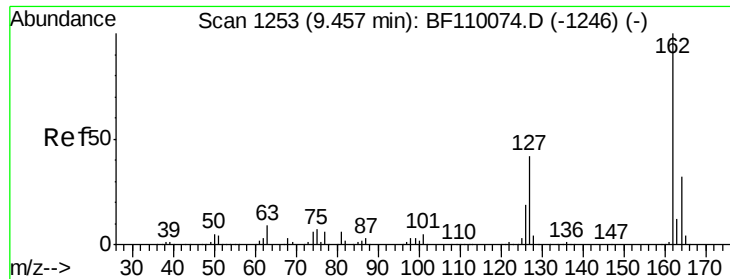


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

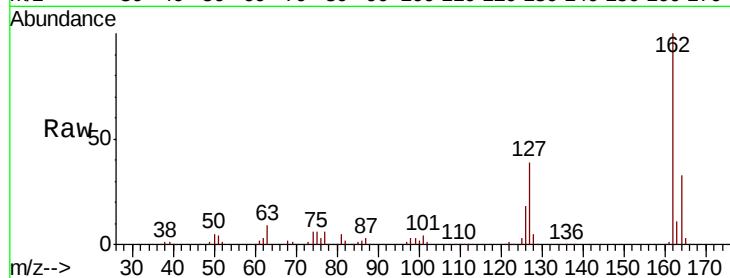




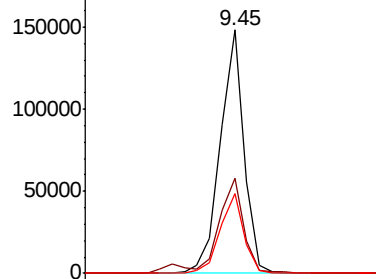
#47
 2-Chloronaphthalene
 Concen: 5.099 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

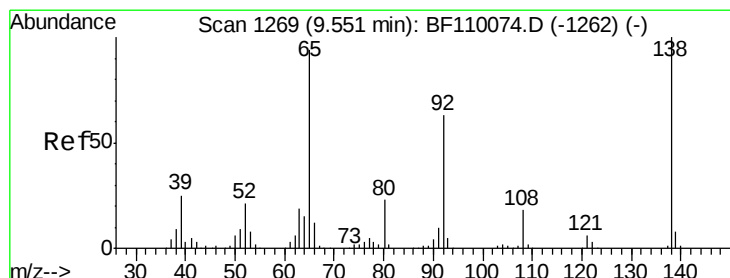
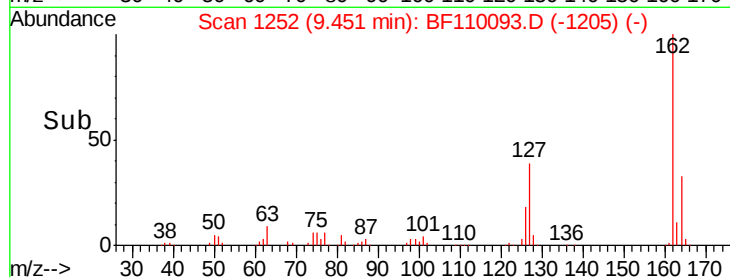
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.6	48.8
164	32.5	25.9	38.9



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

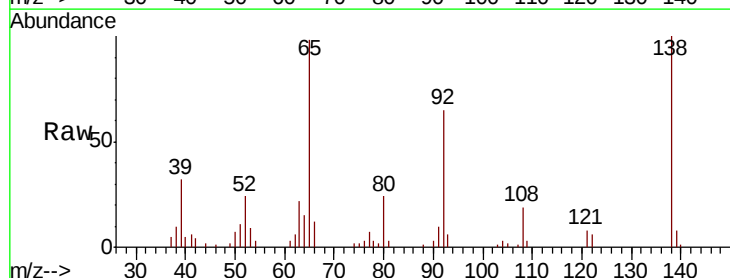


Time-->

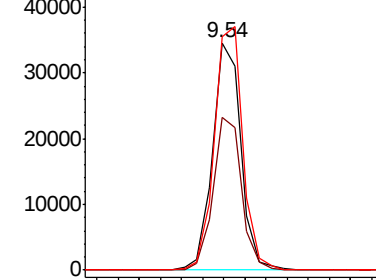


#48
 2-Nitroaniline
 Concen: 4.665 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

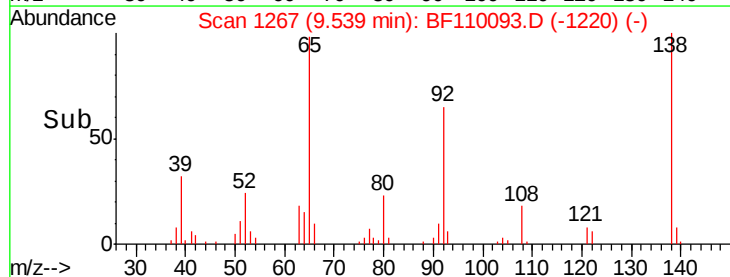
Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	102.3	80.3	120.5

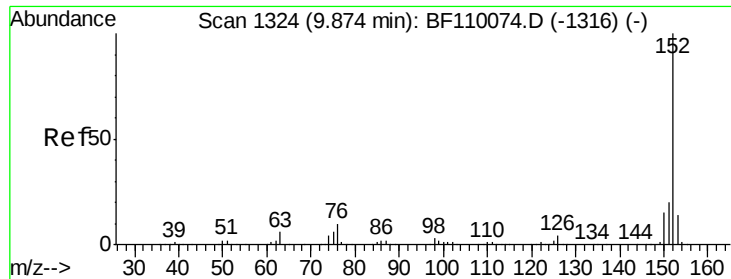


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E



Time-->





#49

Acenaphthylene

Concen: 5.520 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

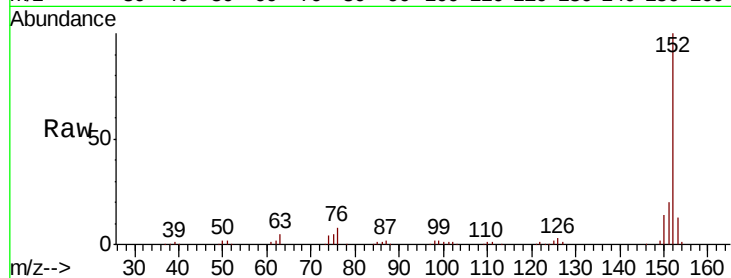
Tot Ion:152 Resp: 180588

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

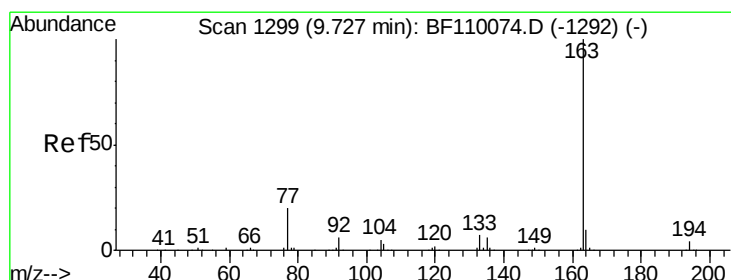
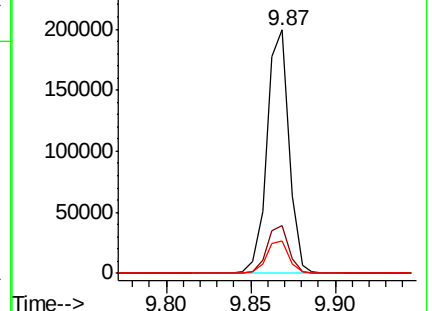
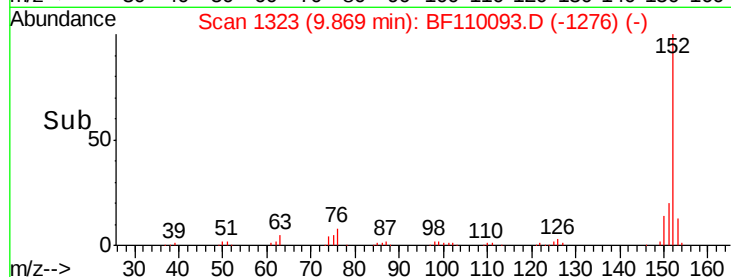
153 13.1 10.4 15.6



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: 5.309 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

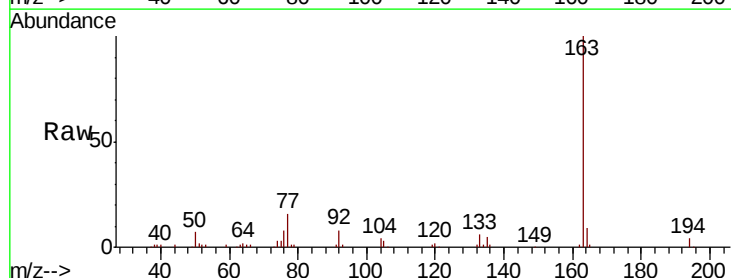
Tgt Ion:163 Resp: 133810

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

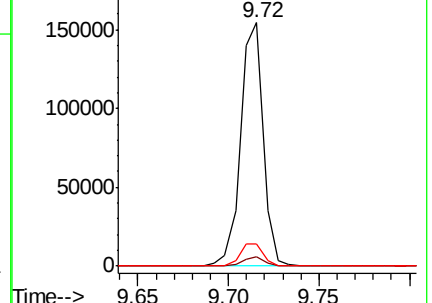
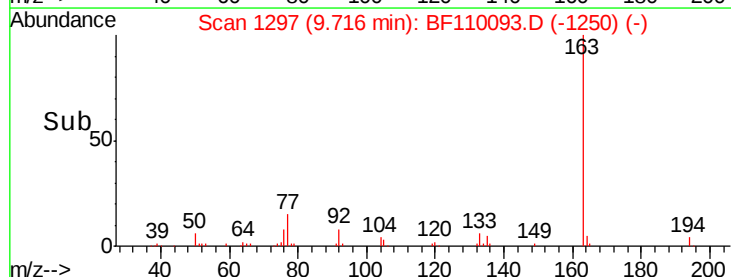
164 9.1 8.1 12.1

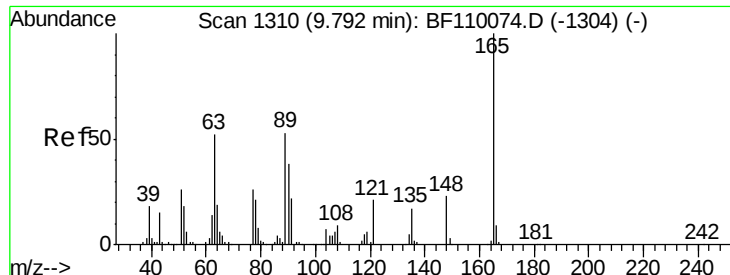


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

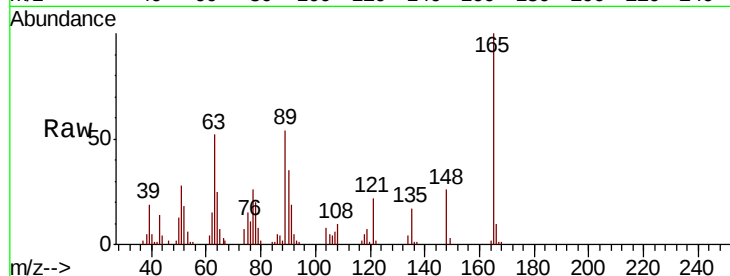




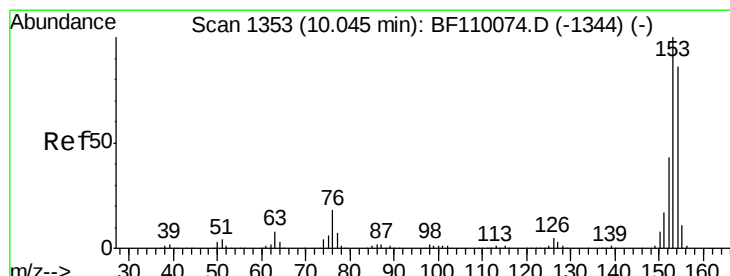
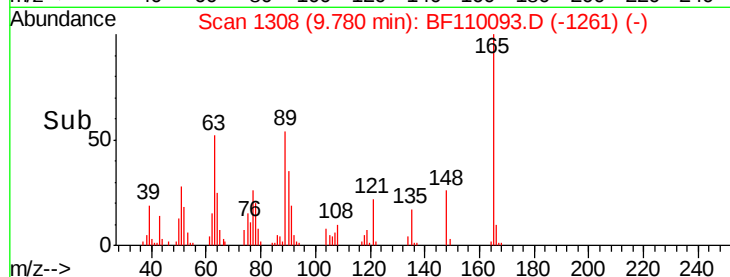
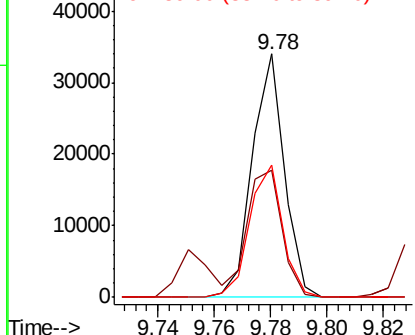
#51
2,6-Dinitrotoluene
Concen: 4.924 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 26735
Ion Ratio Lower Upper
165 100
63 52.5 48.9 73.3
89 54.1 46.6 69.8

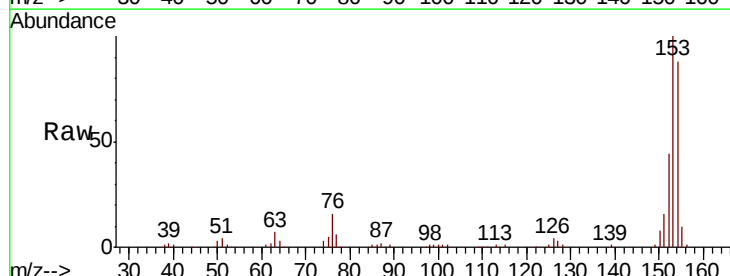


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

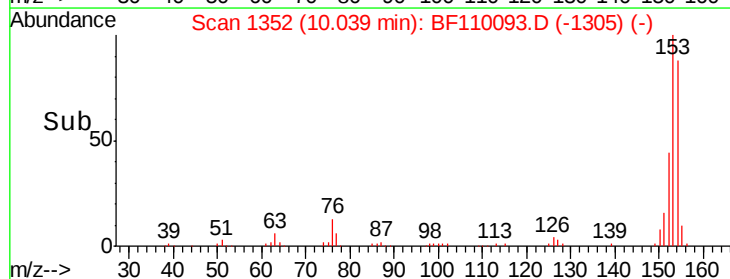
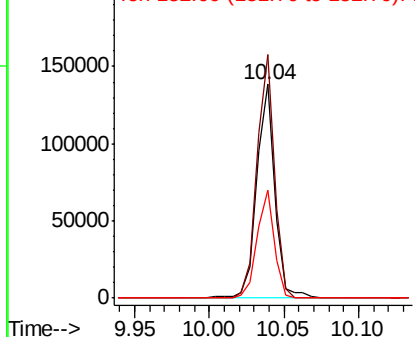


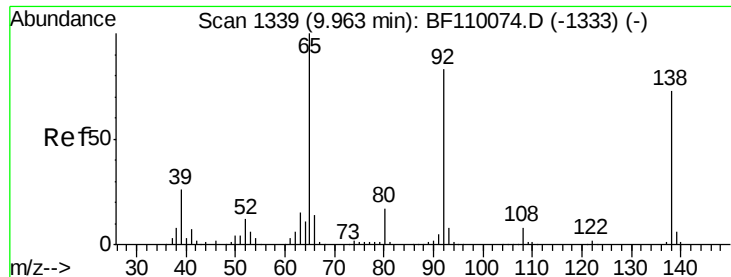
#52
Acenaphthene
Concen: 5.346 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:154 Resp: 115708
Ion Ratio Lower Upper
154 100
153 113.9 90.1 135.1
152 50.4 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

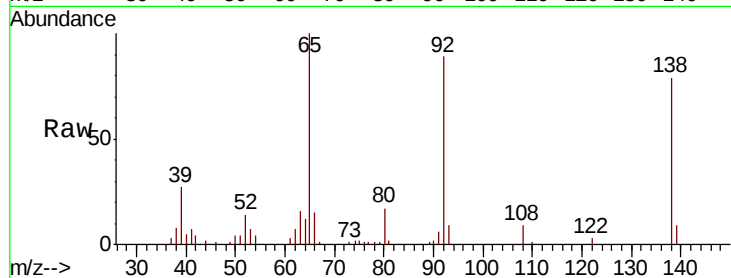




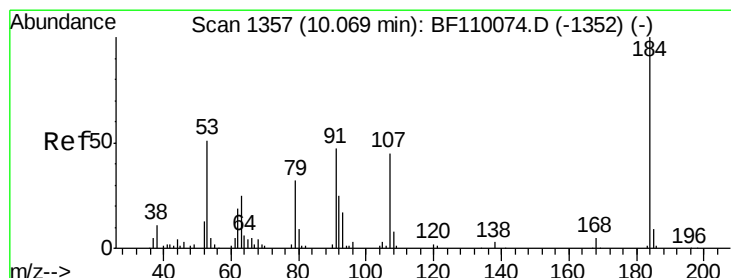
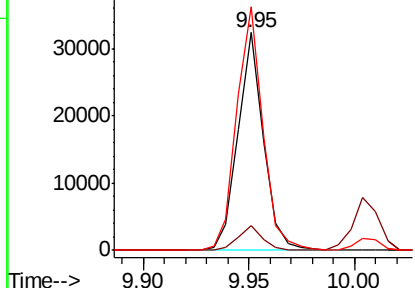
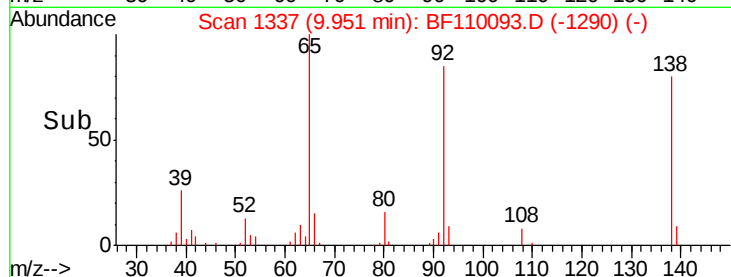
#53
3-Nitroaniline
Concen: 4.174 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 26949
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 111.8 97.0 145.4

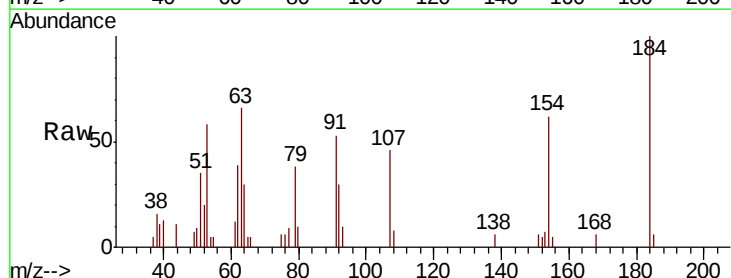


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

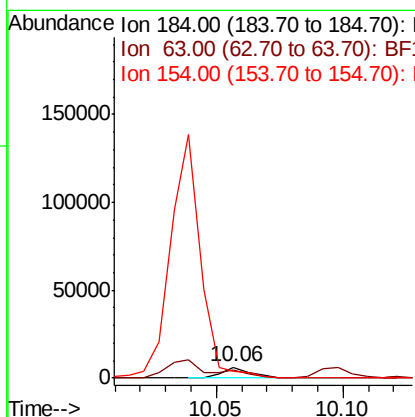
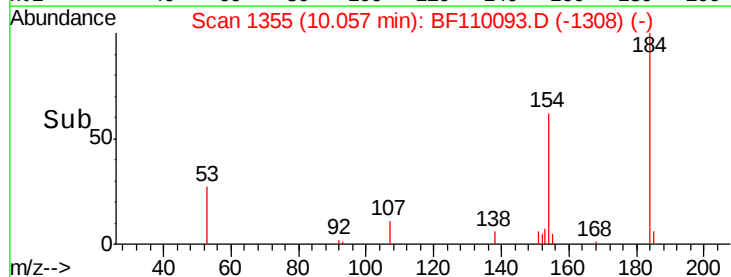


#54
2,4-Dinitrophenol
Concen: 7.466 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:184 Resp: 5277
Ion Ratio Lower Upper
184 100
63 66.2 55.8 83.6
154 62.4 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

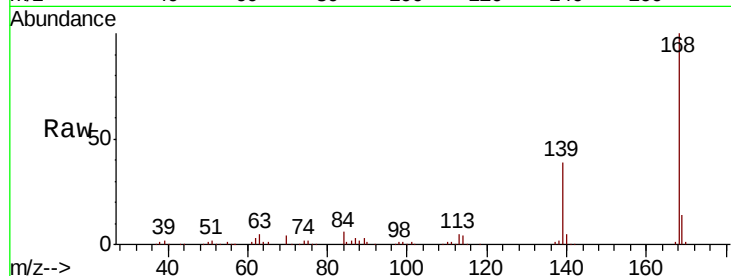




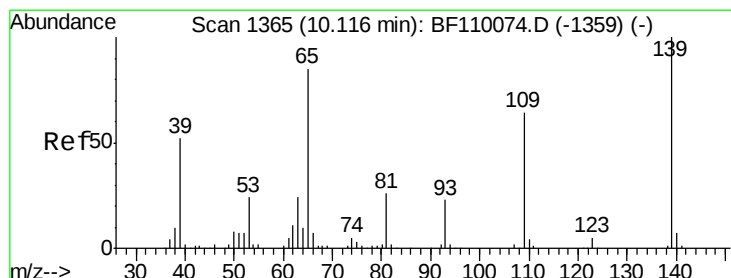
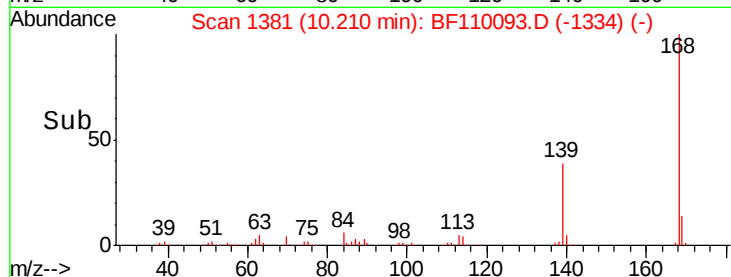
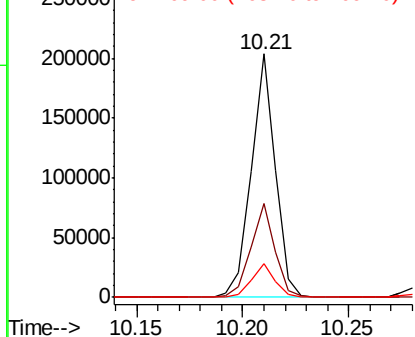
#55
Dibenzofuran
Concen: 5.330 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 161495
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.6
169 13.7 11.3 16.9

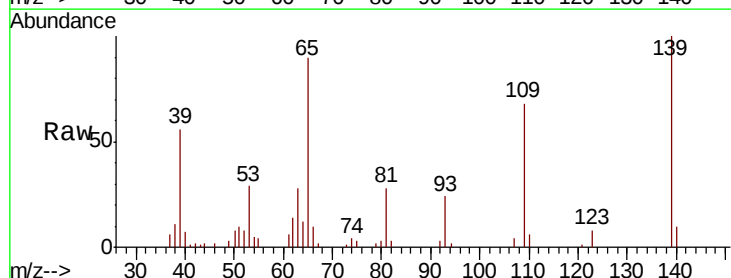


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

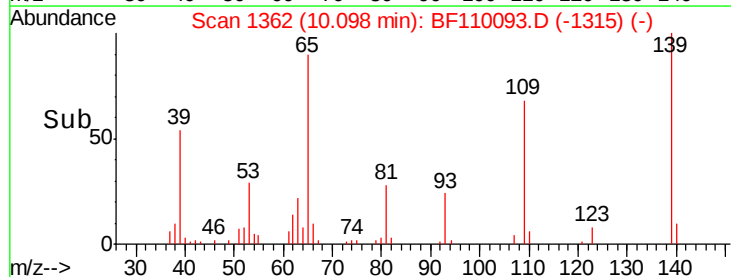
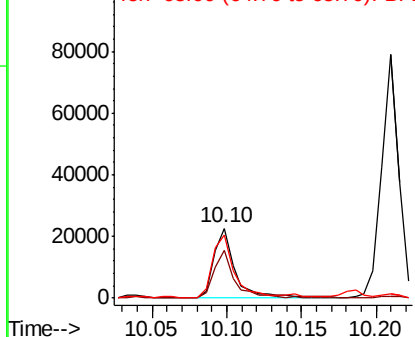


#56
4-Nitrophenol
Concen: 4.726 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:139 Resp: 22582
Ion Ratio Lower Upper
139 100
109 68.0 55.8 95.8
65 90.5 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

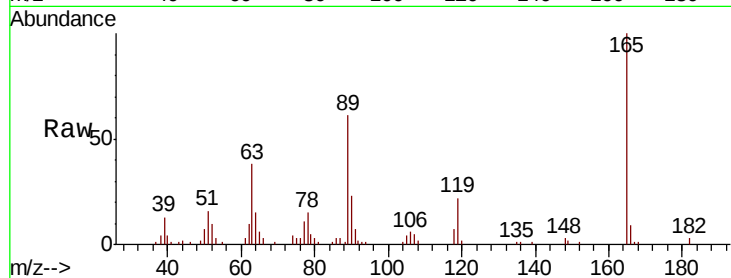




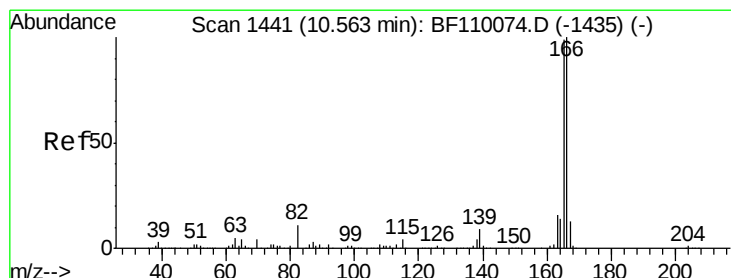
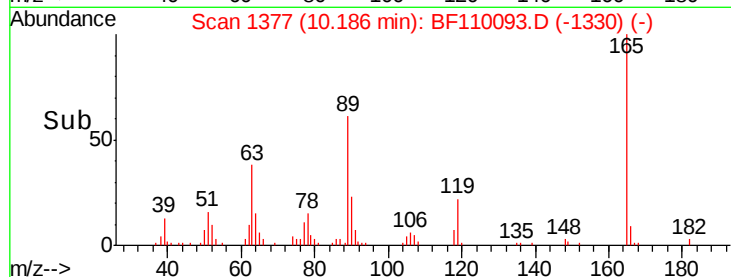
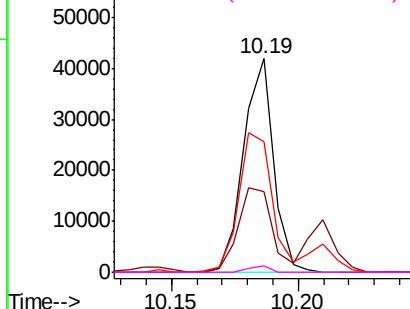
#57
2,4-Dinitrotoluene
Concen: 5.017 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	44.8	67.2#
89	61.3	62.2	93.4#
182	2.9	2.1	3.1

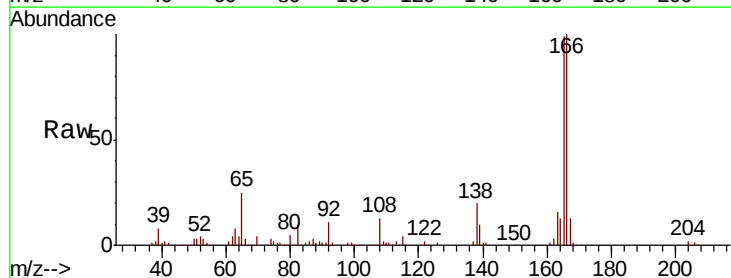


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

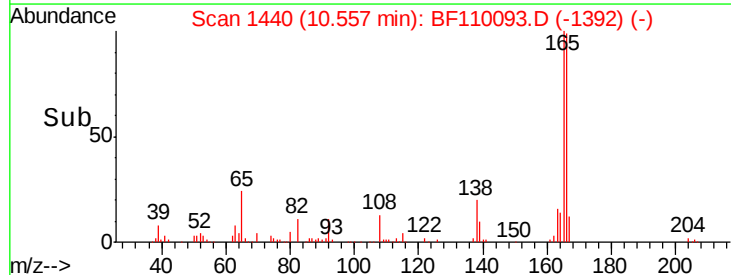
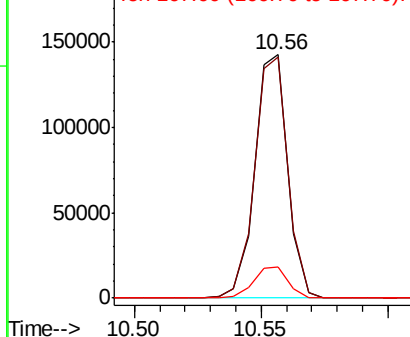


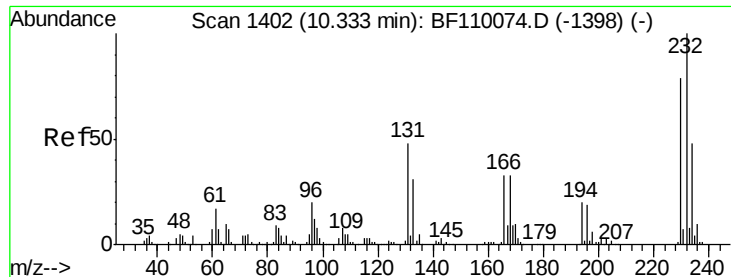
#58
Fluorene
Concen: 5.684 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.6	117.8
167	12.8	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

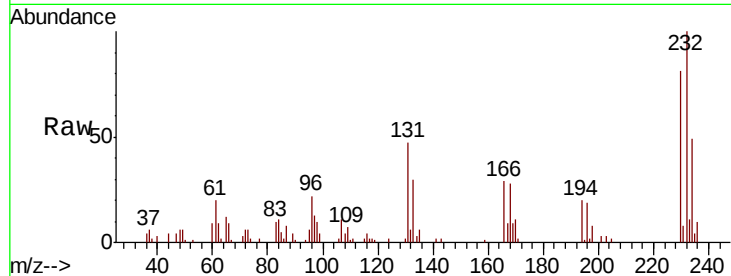




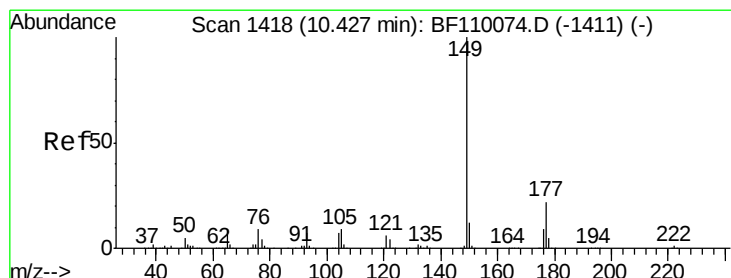
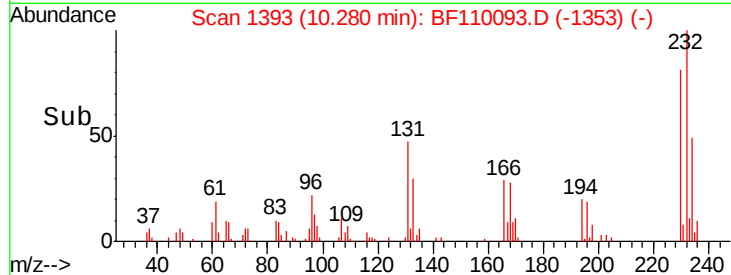
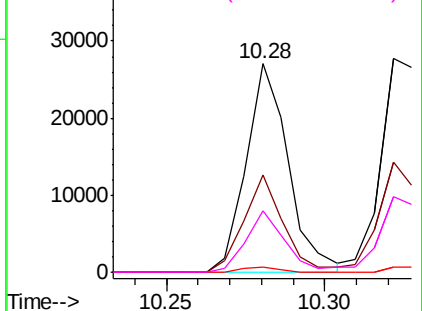
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.207 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.06 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 24871
 Ion Ratio Lower Upper
 232 100
 131 44.3 37.0 55.4
 130 2.1 1.8 2.6
 166 26.9 22.0 33.0

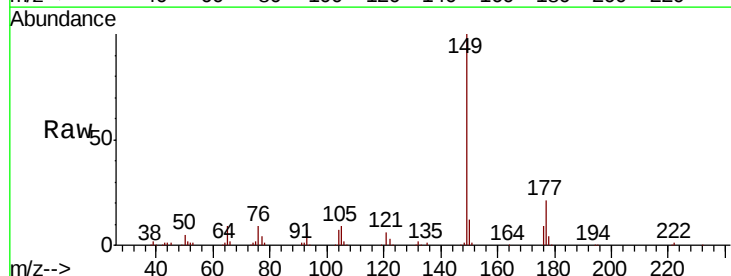


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

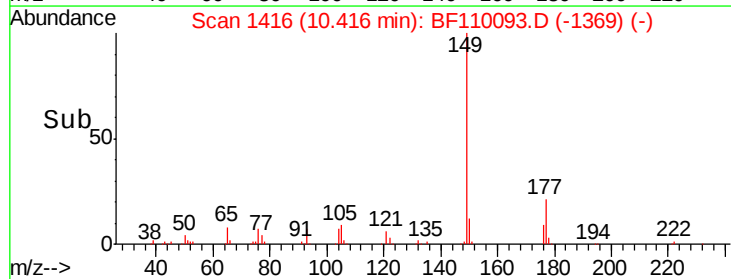
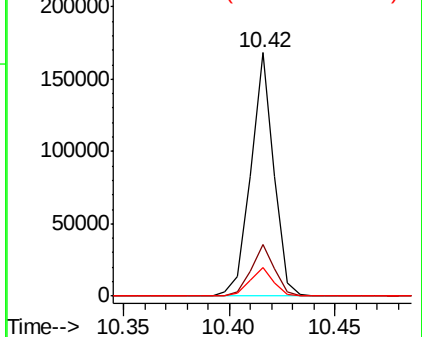


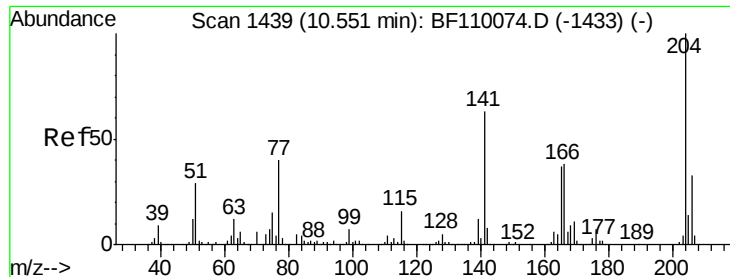
#60
 Diethylphthalate
 Concen: 5.183 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion:149 Resp: 127530
 Ion Ratio Lower Upper
 149 100
 177 21.1 17.4 26.2
 150 11.9 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

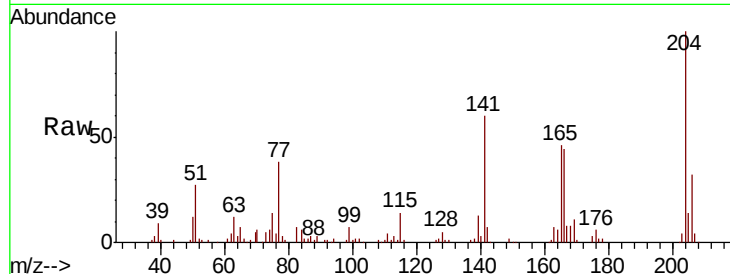




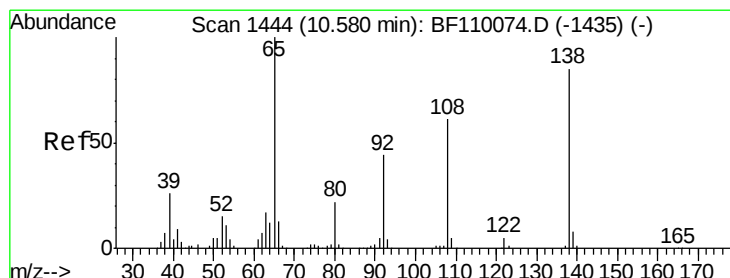
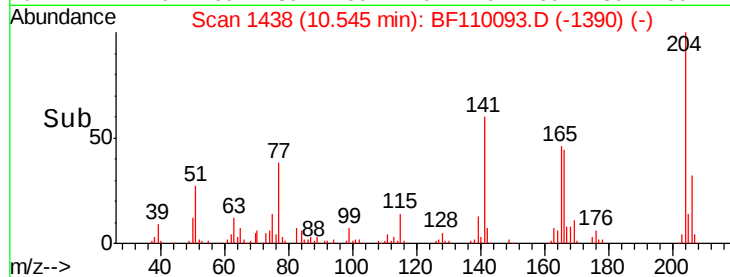
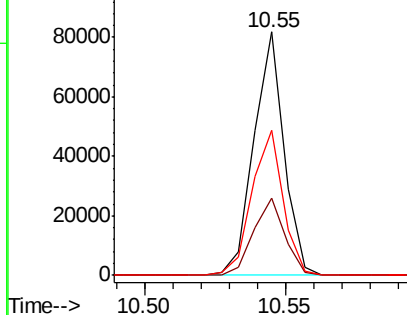
#61
4-Chlorophenyl-phenylether
Concen: 5.088 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 60530
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 59.6 51.8 77.8

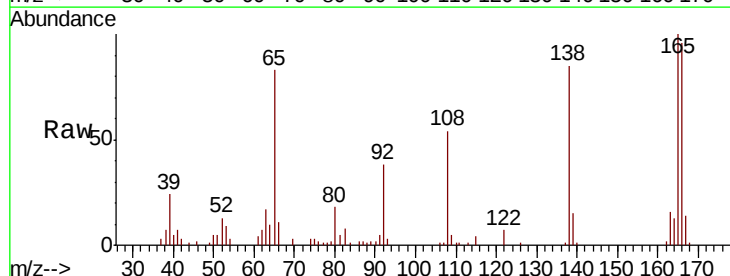


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

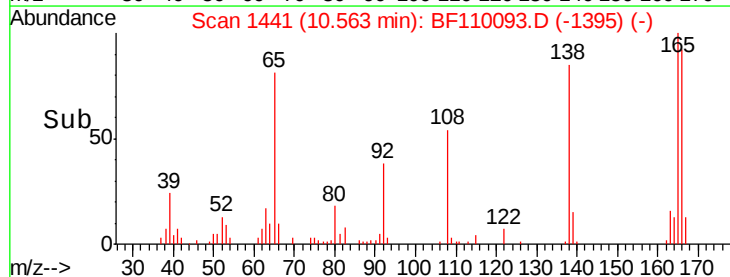
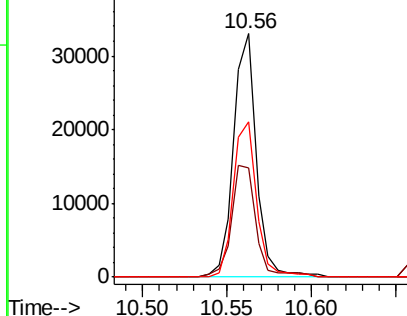


#62
4-Nitroaniline
Concen: 4.803 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:138 Resp: 30842
Ion Ratio Lower Upper
138 100
92 44.7 31.7 71.7
108 63.8 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

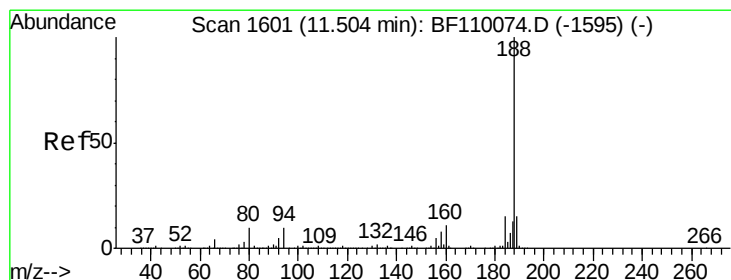
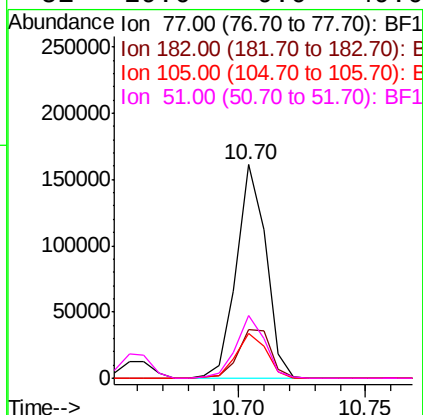
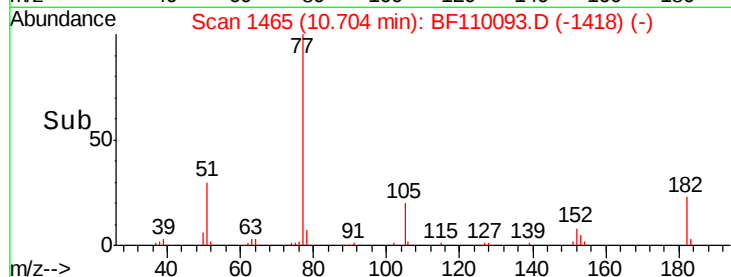
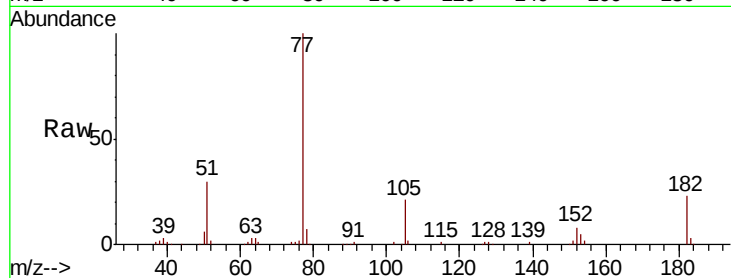




#63
Azobenzene
Concen: 5.359 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

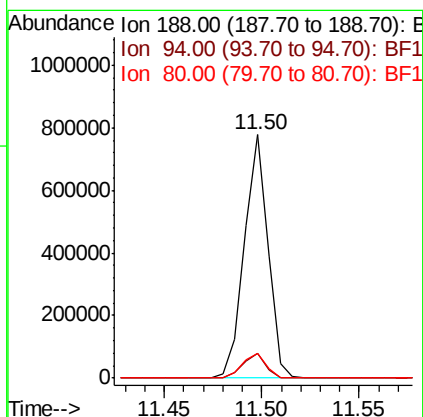
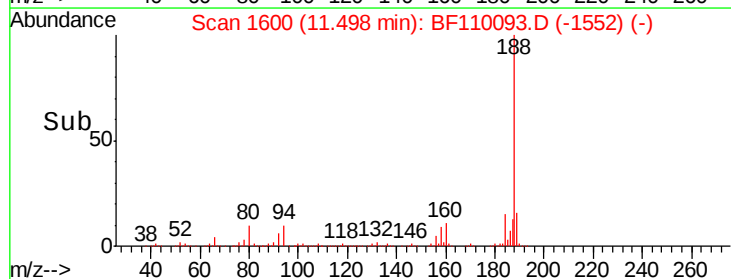
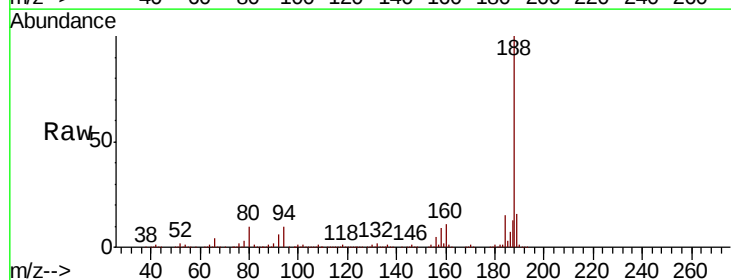
Instrument :
BNA_F
ClientSampled :

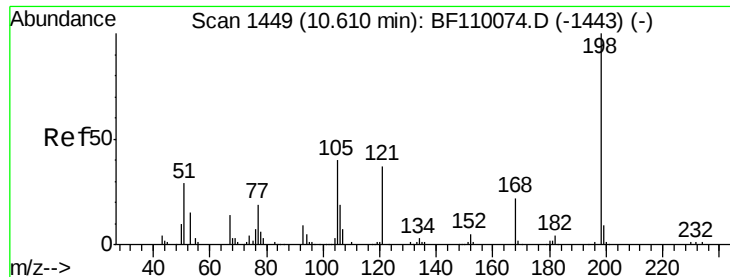
Tot Ion:	77	Resp:	130869
Ion	Ratio	Lower	Upper
77	100		
182	23.0	4.3	44.3
105	21.1	1.3	41.3
51	29.6	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:	188	Resp:	653306
Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.2	10.8
80	10.3	7.9	11.9

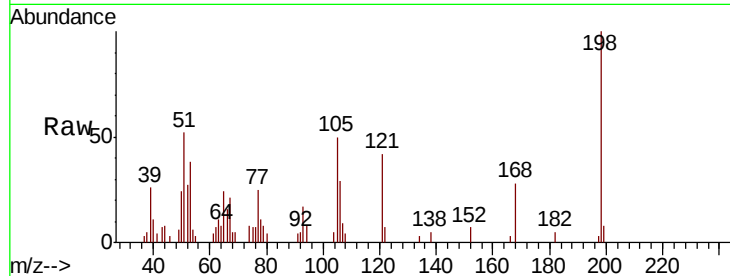




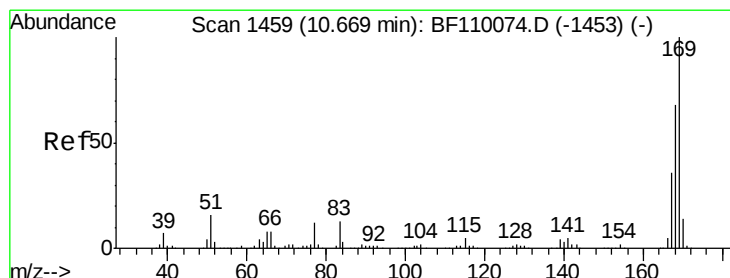
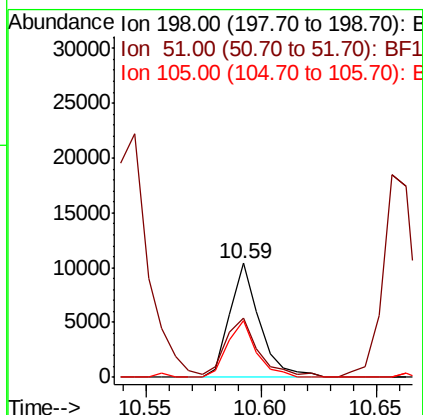
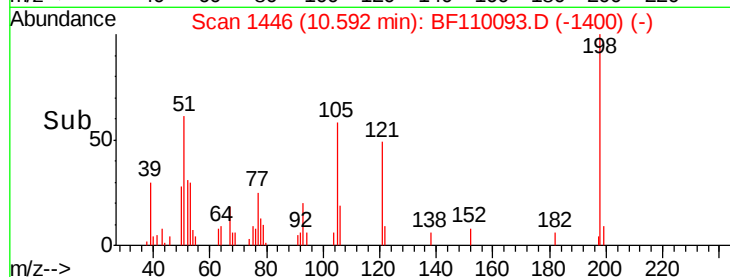
#65
4,6-Dinitro-2-methylphenol
Concen: 3.167 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 9454
Ion Ratio Lower Upper
198 100
51 51.9 22.8 62.8
105 49.5 23.6 63.6

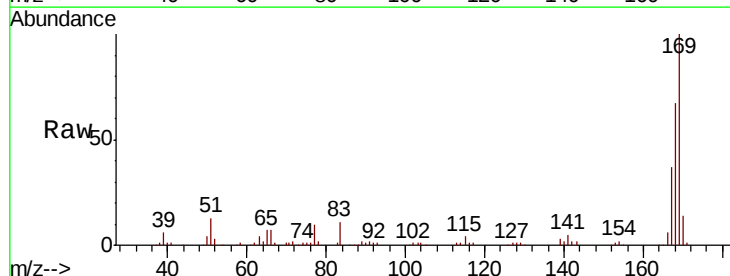


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

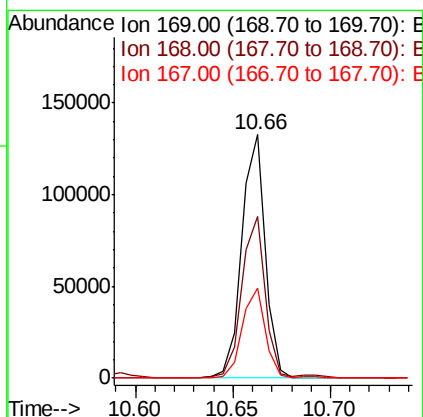
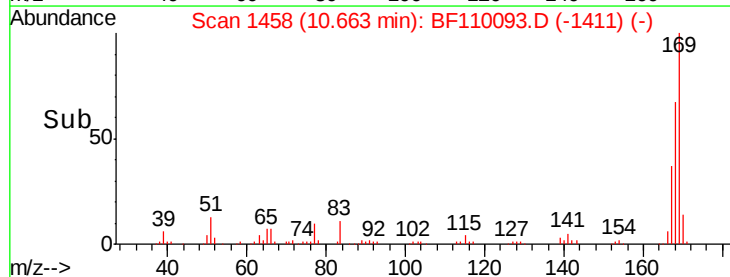


#66
n-Nitrosodiphenylamine
Concen: 5.173 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:169 Resp: 110855
Ion Ratio Lower Upper
169 100
168 66.6 51.2 76.8
167 36.8 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

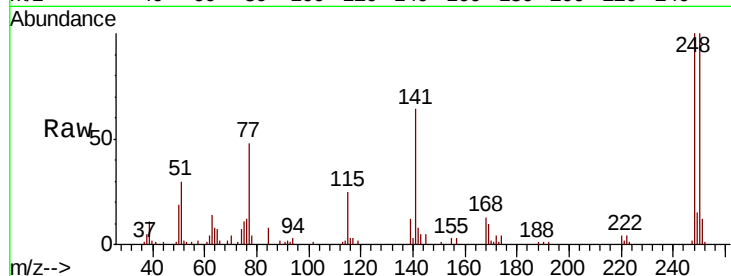




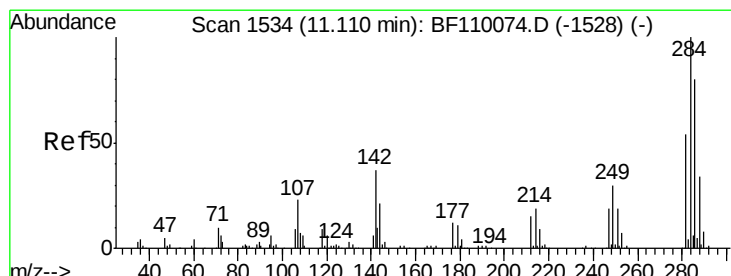
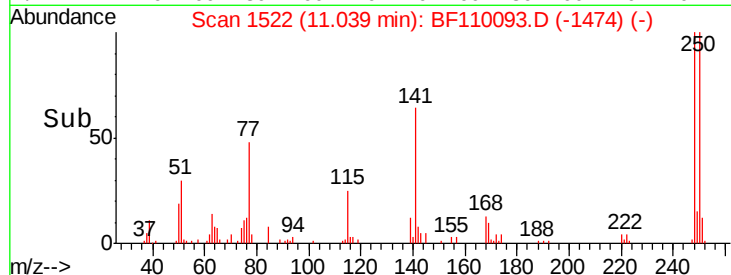
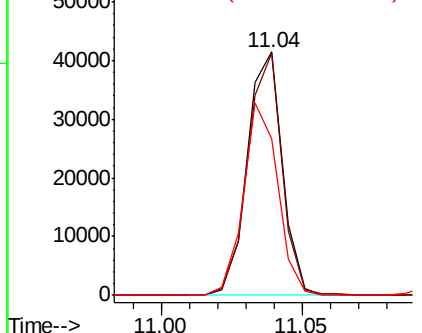
#67
 4-Bromophenyl-phenylether
 Concen: 5.036 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 35690
 Ion Ratio Lower Upper
 248 100
 250 99.6 79.4 119.2
 141 64.5 55.9 83.9

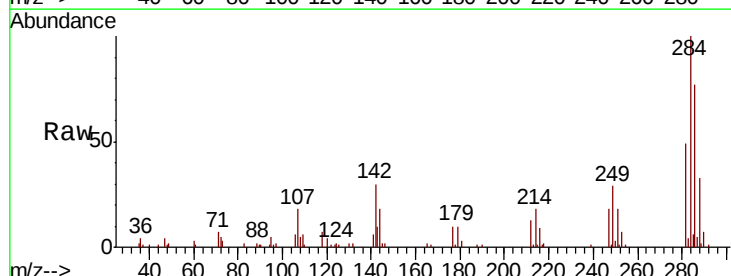


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

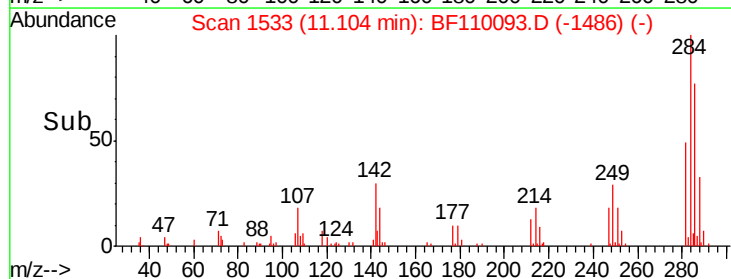
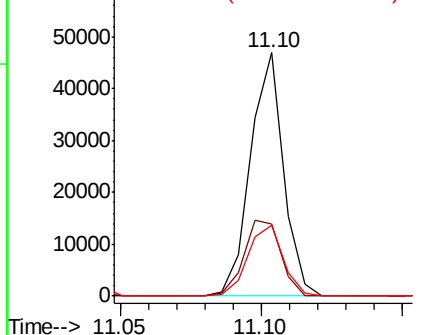


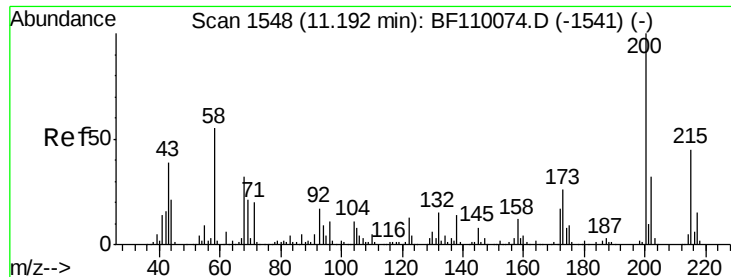
#68
 Hexachlorobenzene
 Concen: 5.060 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion:284 Resp: 38049
 Ion Ratio Lower Upper
 284 100
 142 29.8 23.9 35.9
 249 29.3 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

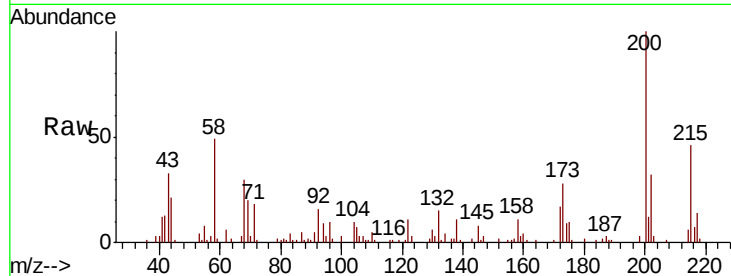




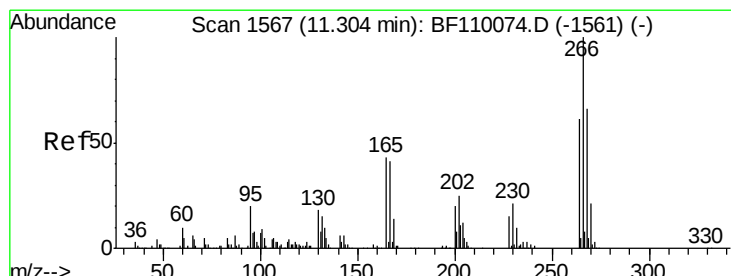
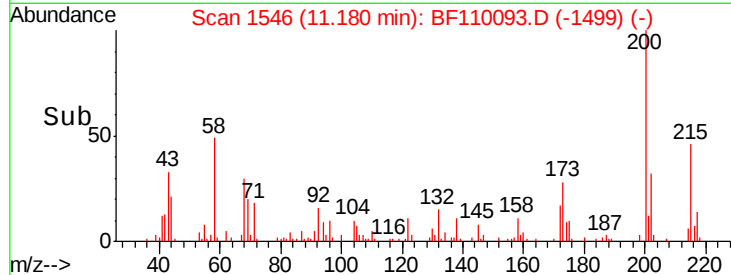
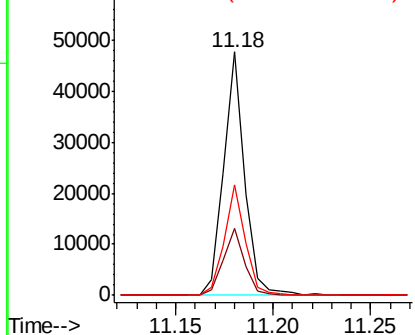
#69
Atrazine
Concen: 5.242 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 35496
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 45.5 26.3 66.3

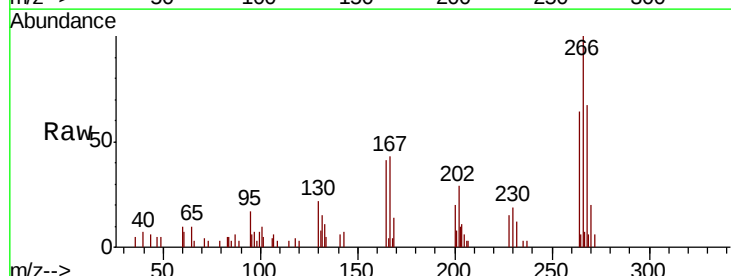


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

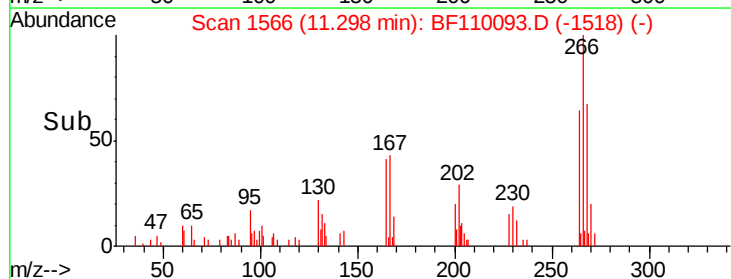
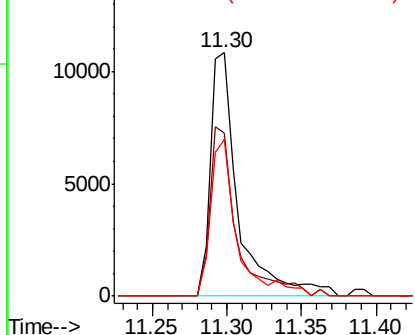


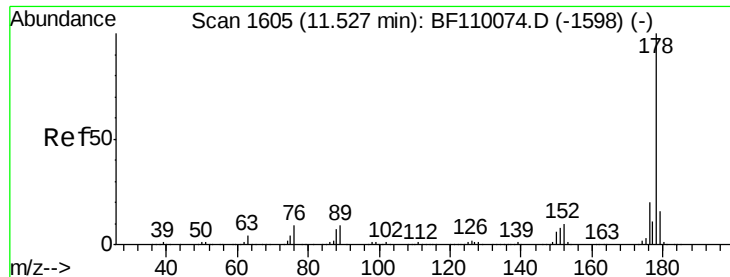
#70
Pentachlorophenol
Concen: 3.201 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:266 Resp: 14033
Ion Ratio Lower Upper
266 100
268 73.1 50.6 75.8
264 64.5 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

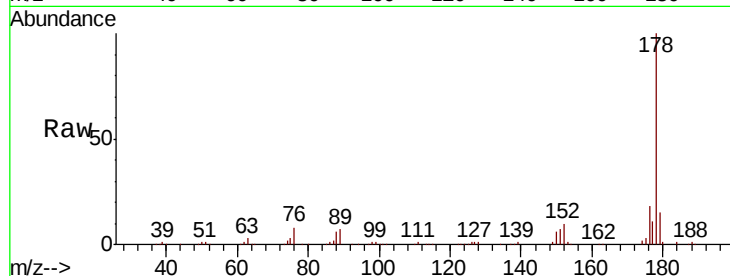




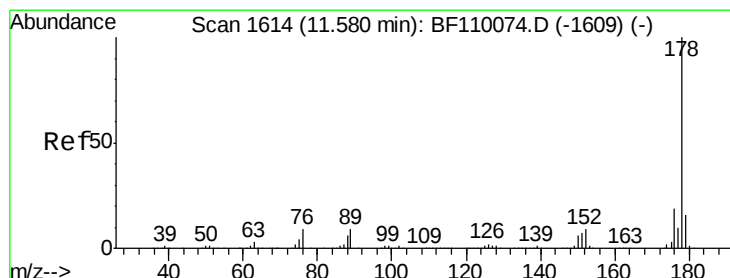
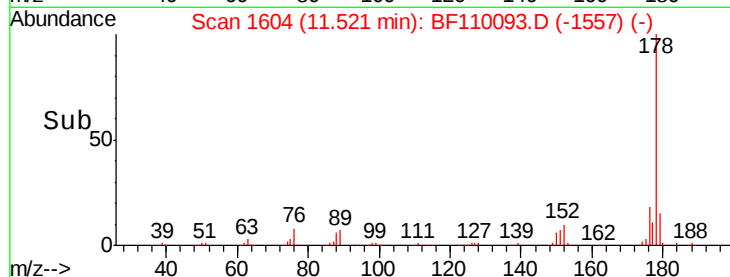
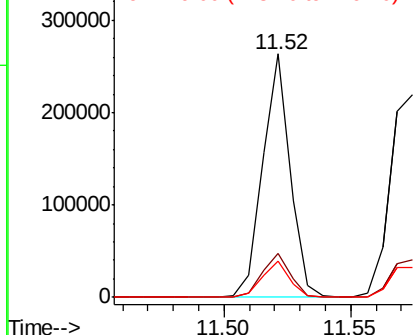
#71
Phenanthrene
Concen: 5.858 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 200233
Ion Ratio Lower Upper
178 100
176 18.1 15.5 23.3
179 14.7 12.5 18.7

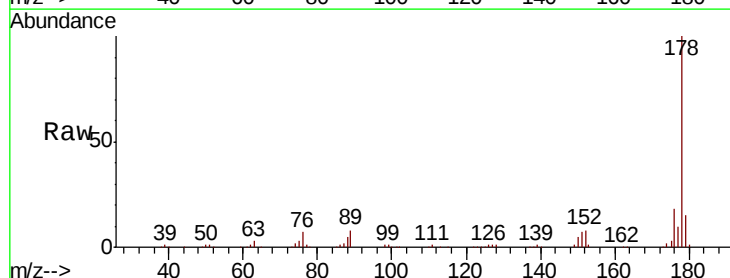


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

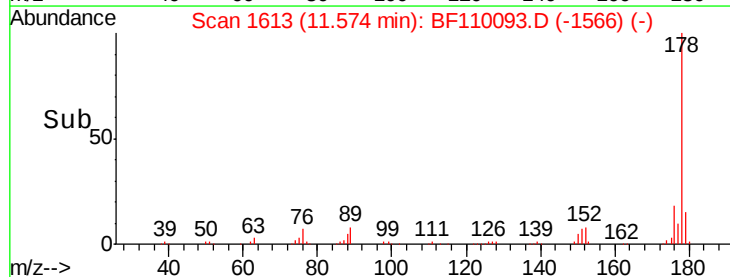
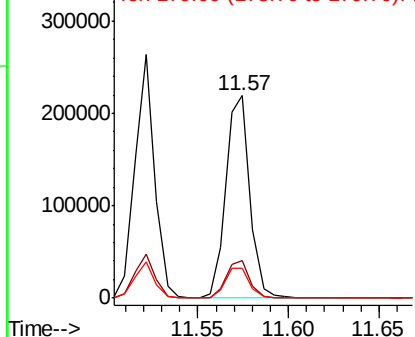


#72
Anthracene
Concen: 5.878 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:178 Resp: 201409
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.2
179 14.8 12.6 18.8



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

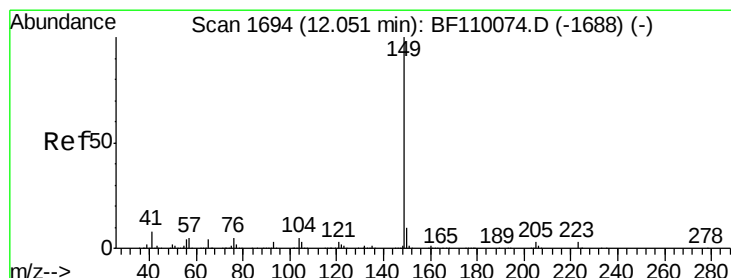
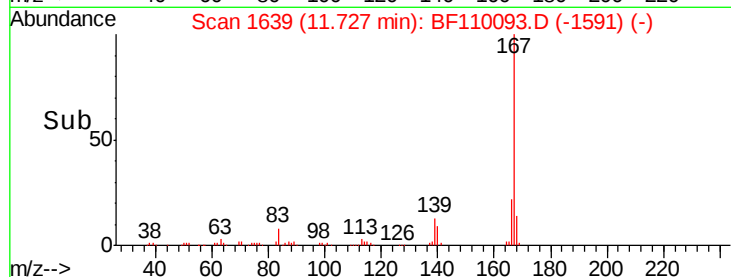
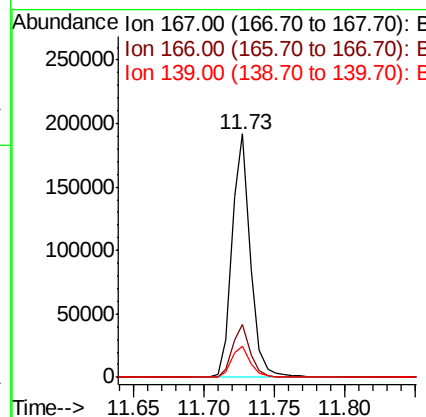
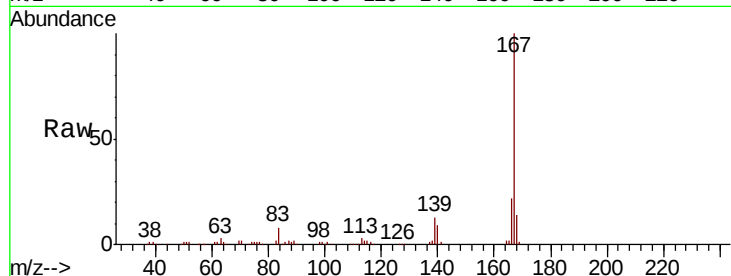




#73
 Carbazole
 Concen: 5.146 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

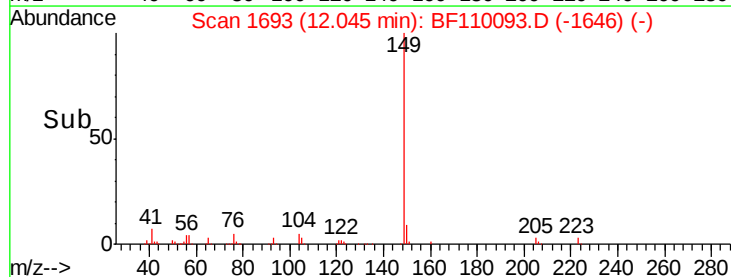
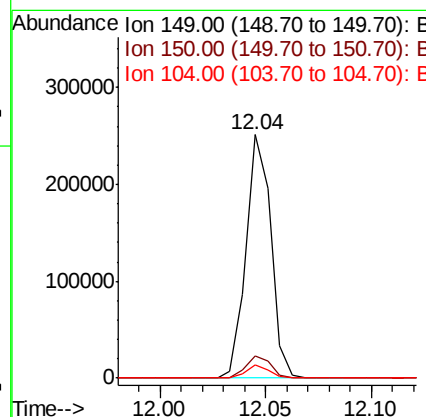
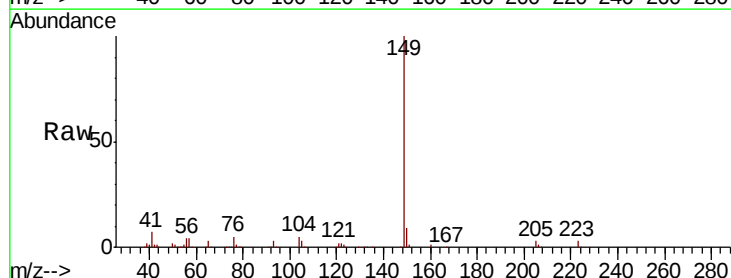
Instrument :
 BNA_F
 ClientSampleId :

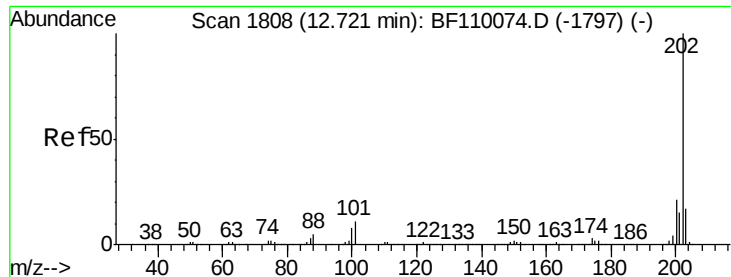
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	12.6	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 5.427 ng
 RT: 12.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110093.D
 Acq: 23 Oct 2018 22:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.3	4.2	6.4

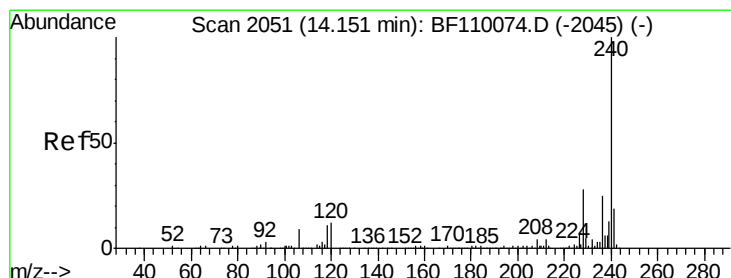
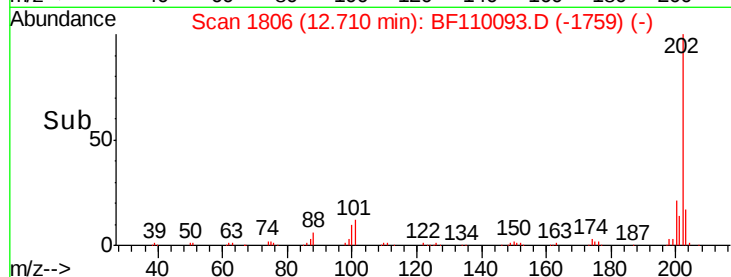
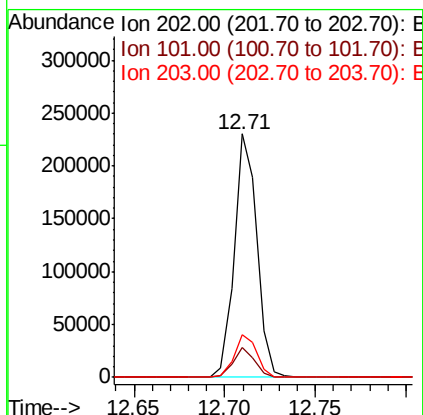
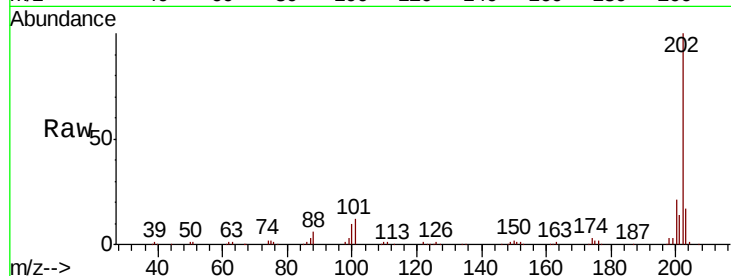




#75
Fluoranthene
Concen: 5.753 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

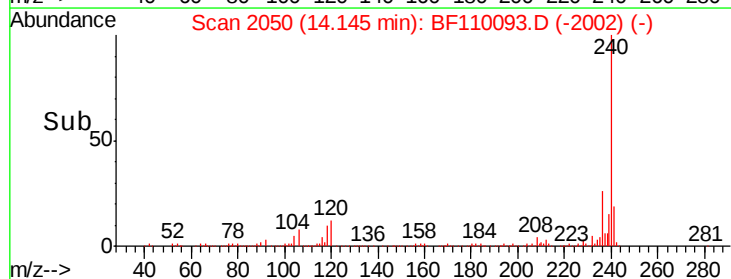
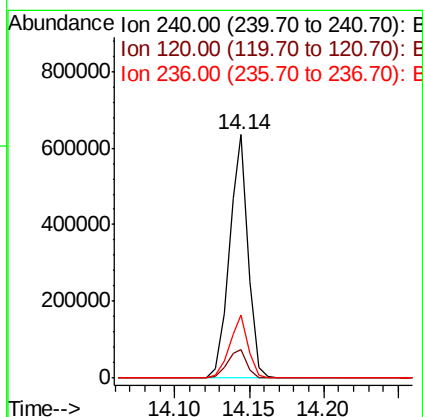
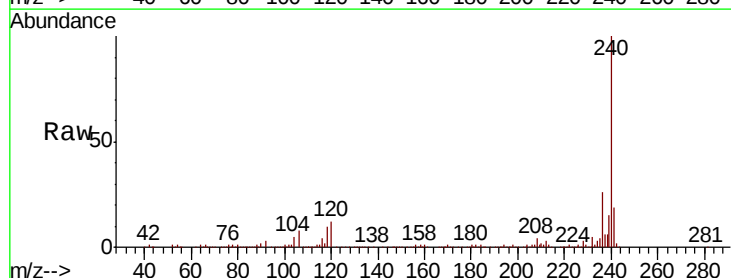
Instrument :
BNA_F
ClientSampleId :

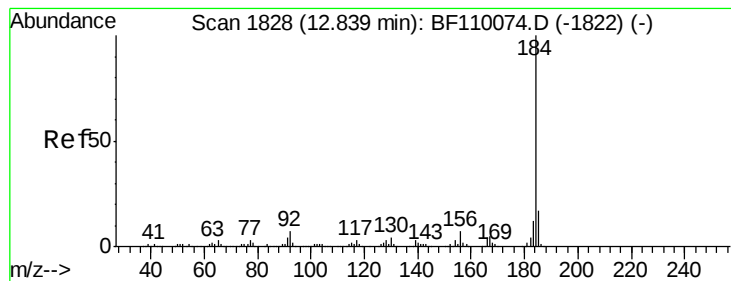
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.4
203	17.3	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.7	21.2	31.8





#77

Benzidine

Concen: 1.078 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.24 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

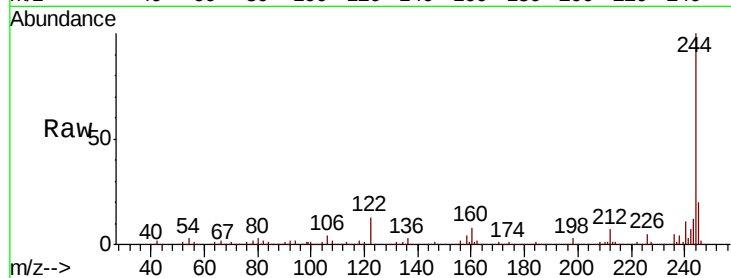
Tot Ion:184 Resp: 25308

Ion Ratio Lower Upper

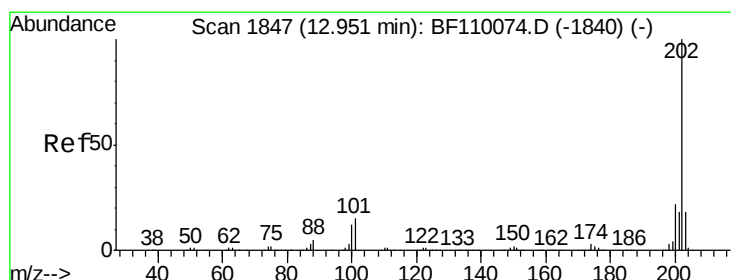
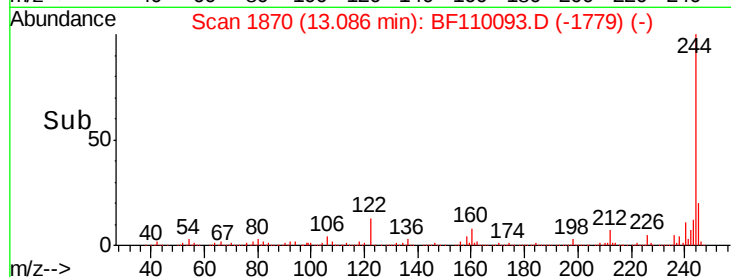
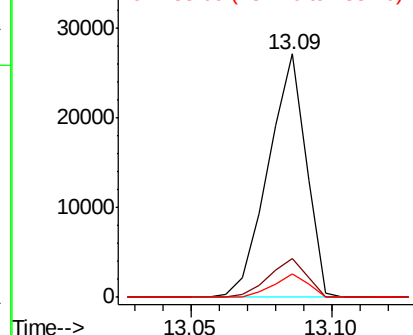
184 100

185 15.7 13.4 20.2

183 9.7 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: 5.058 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

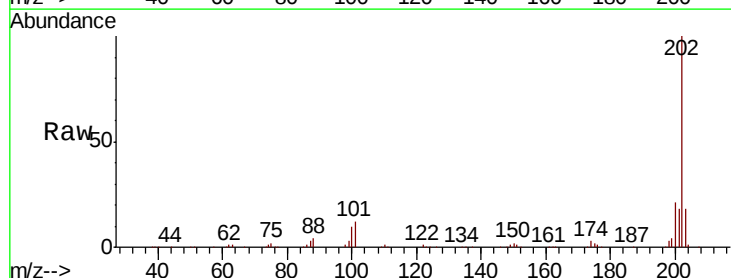
Tgt Ion:202 Resp: 203210

Ion Ratio Lower Upper

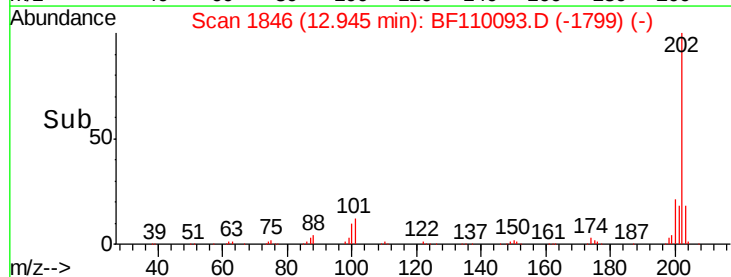
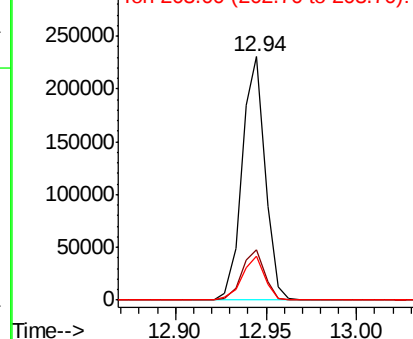
202 100

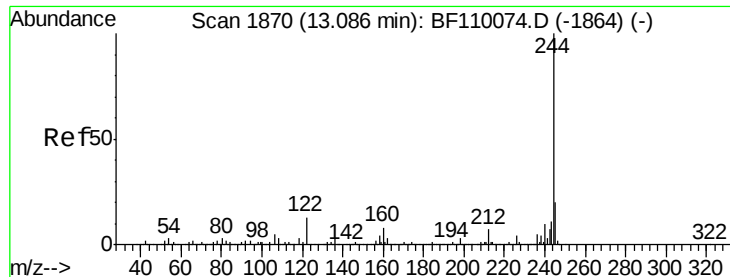
200 20.7 17.8 26.6

203 18.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.555 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

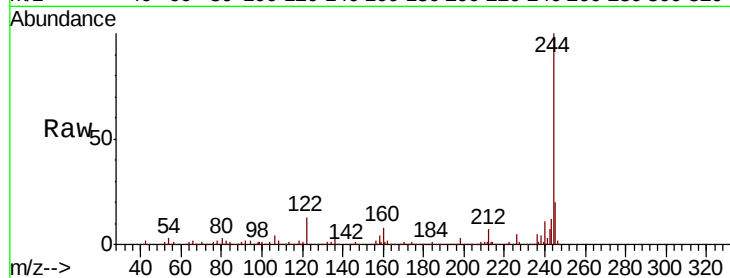
Tot Ion:244 Resp: 1820479

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

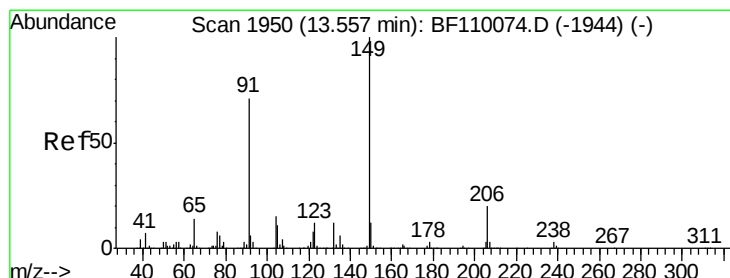
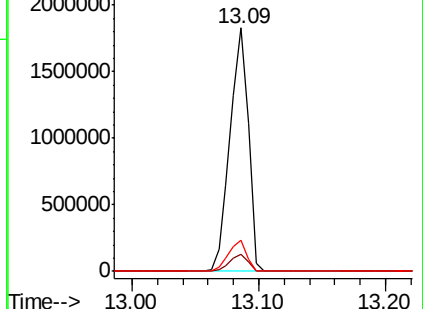
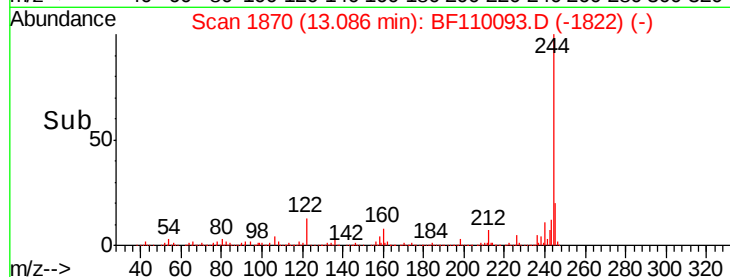
122 12.8 8.7 13.1



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: 4.696 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

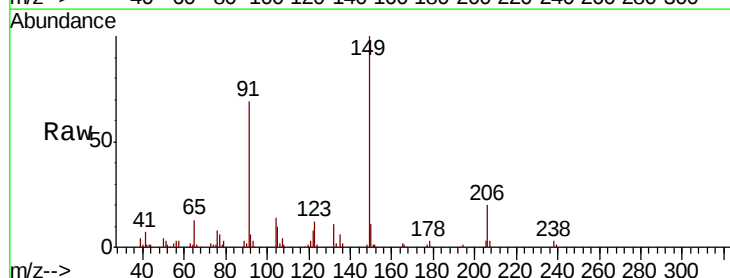
Tgt Ion:149 Resp: 81890

Ion Ratio Lower Upper

149 100

91 68.5 57.2 85.8

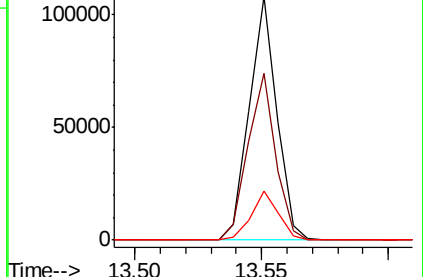
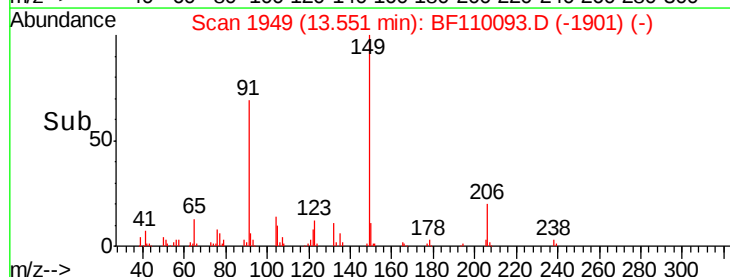
206 20.0 15.7 23.5

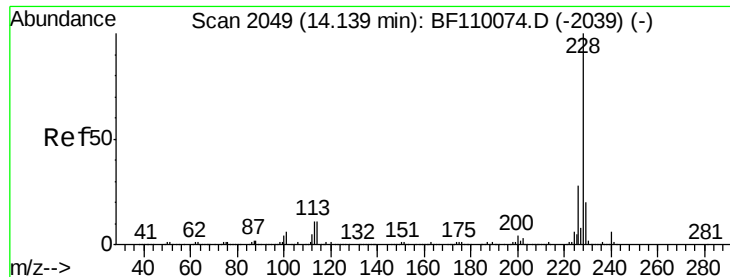


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 5.363 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

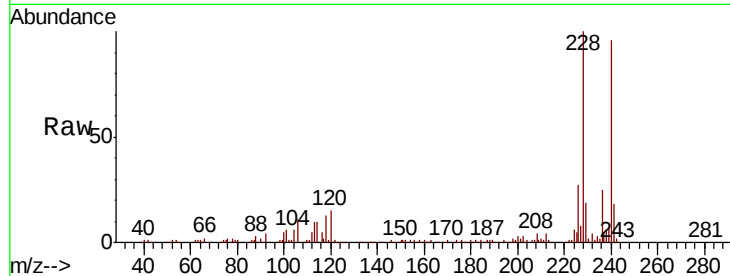
Tot Ion:228 Resp: 178258

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.5 15.6 23.4

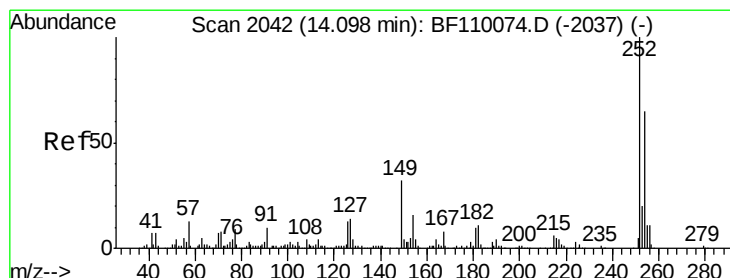
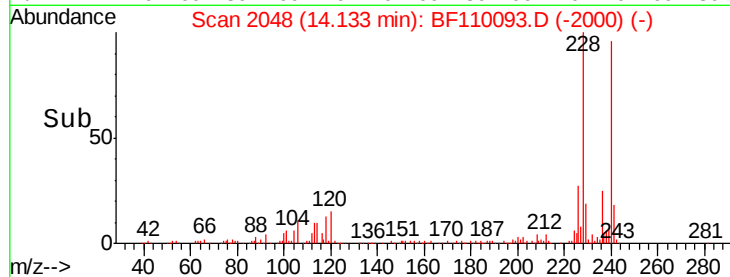
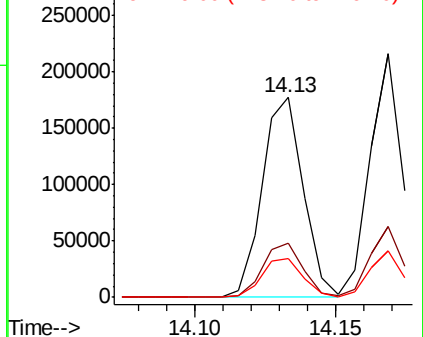


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 3.432 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

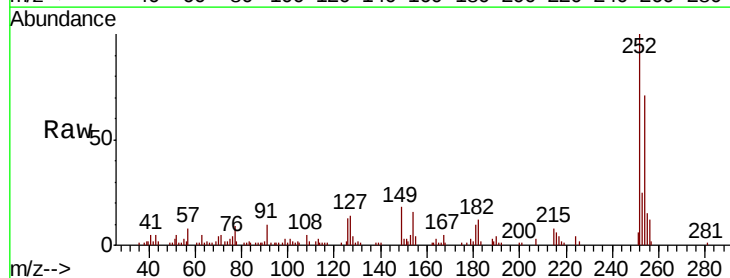
Tgt Ion:252 Resp: 39725

Ion Ratio Lower Upper

252 100

254 71.0 51.3 76.9

126 13.1 9.4 14.2

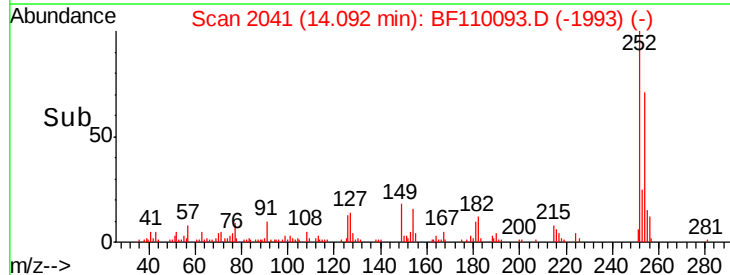
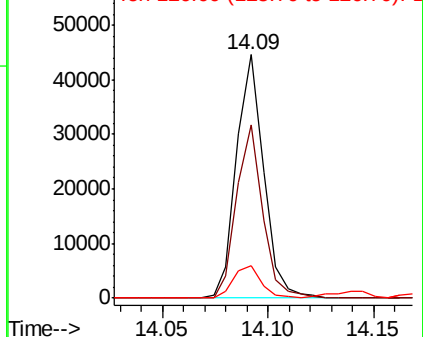


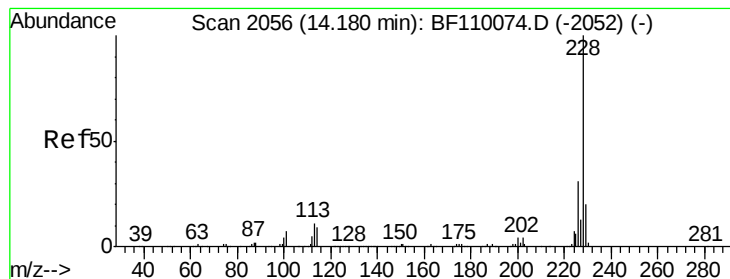
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 5.456 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampled :

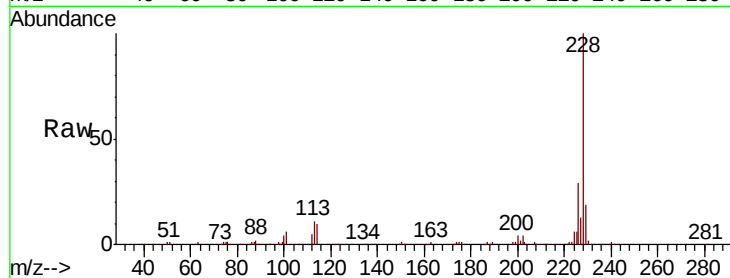
Tot Ion:228 Resp: 172233

Ion Ratio Lower Upper

228 100

226 29.0 24.7 37.1

229 19.3 15.9 23.9

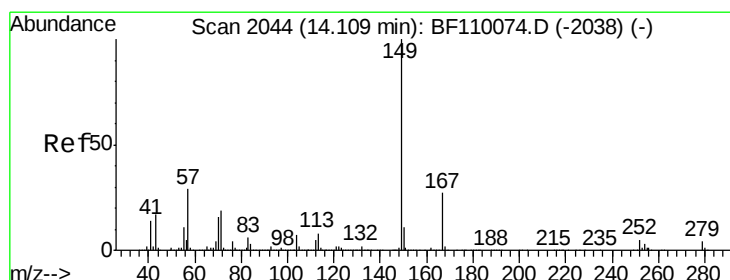
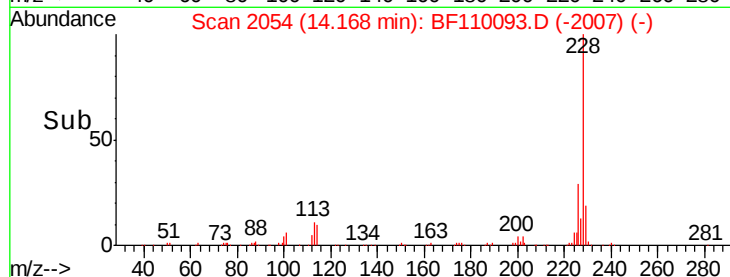
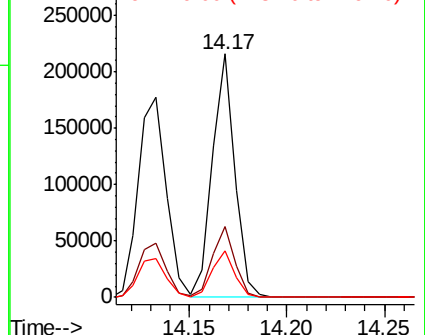


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.944 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

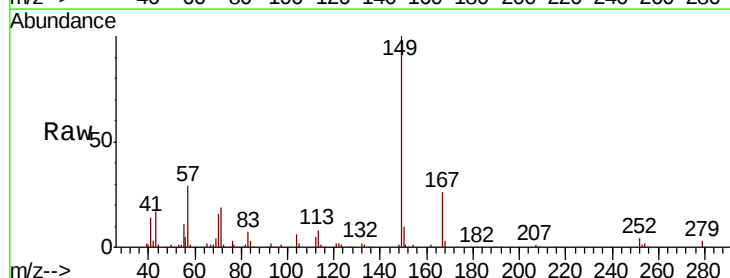
Tgt Ion:149 Resp: 116553

Ion Ratio Lower Upper

149 100

167 26.4 19.8 29.8

279 3.3 2.7 4.1

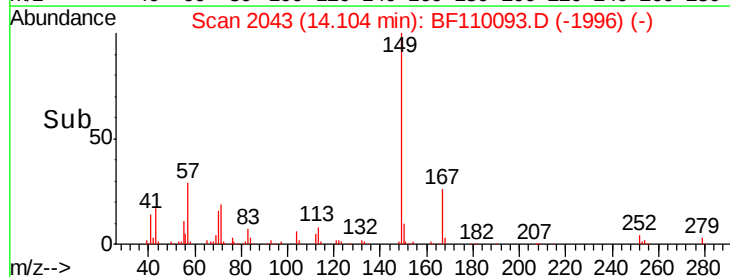
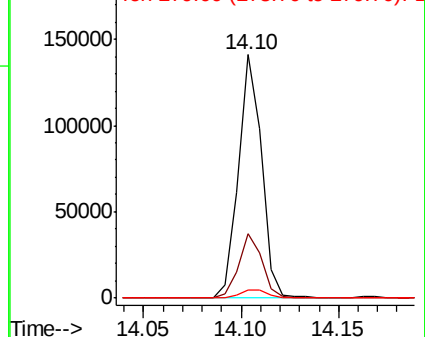


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

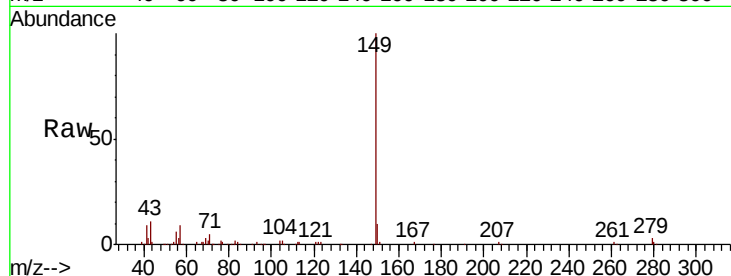




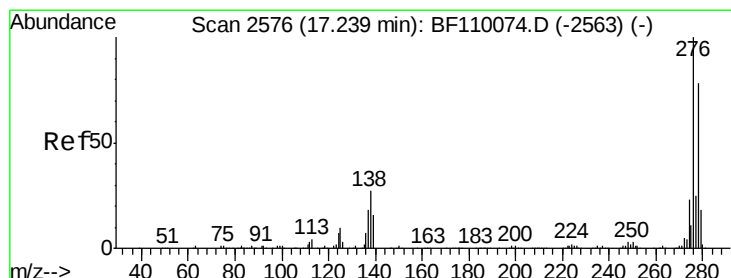
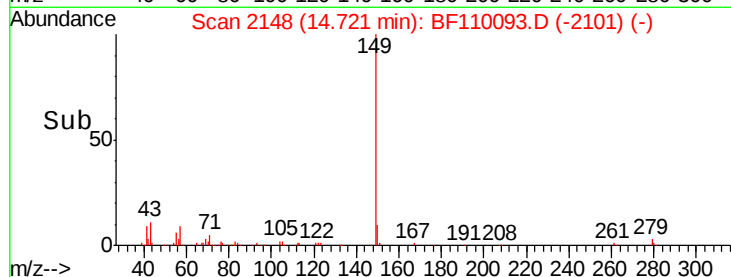
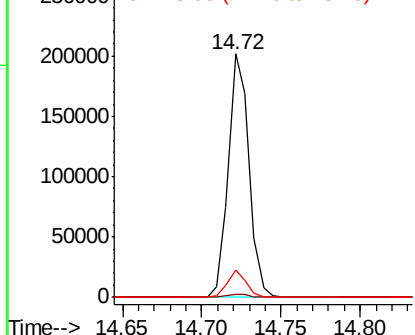
#85
Di-n-octyl phthalate
Concen: 4.964 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 181952
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.5 7.8 11.8

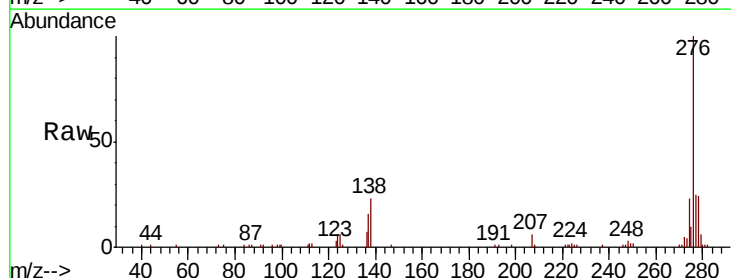


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

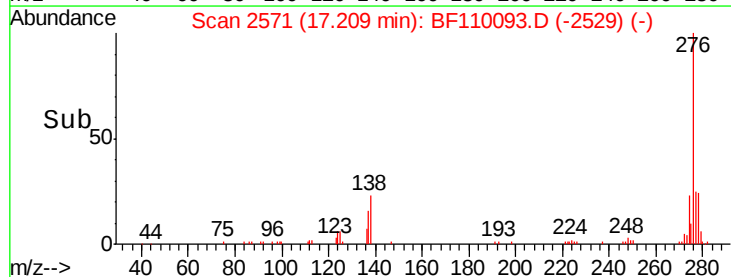
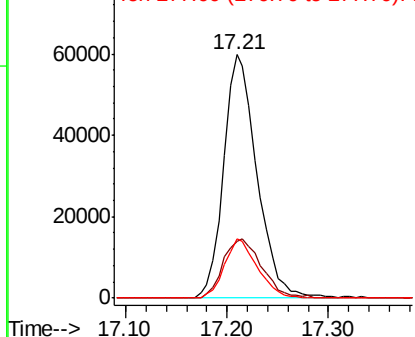


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.182 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:276 Resp: 135719
Ion Ratio Lower Upper
276 100
138 28.0 18.5 27.7#
277 24.1 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: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

Instrument :

BNA_F

ClientSampleId :

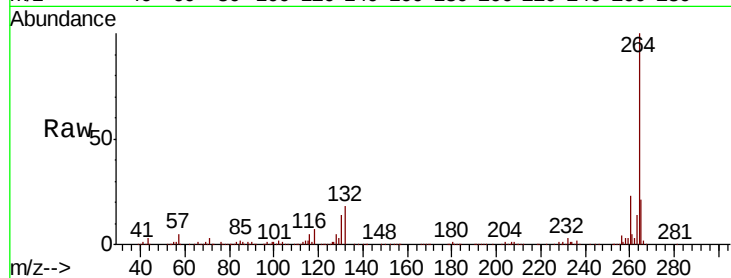
Tot Ion:264 Resp: 484764

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 20.9 16.7 25.1

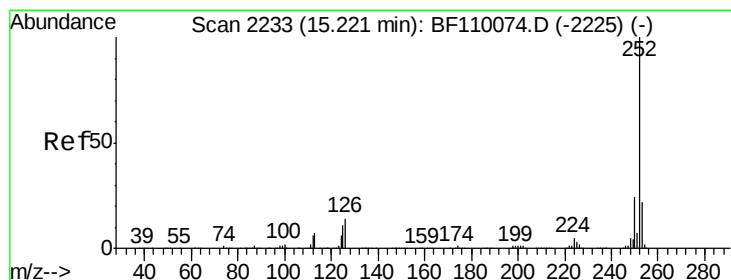
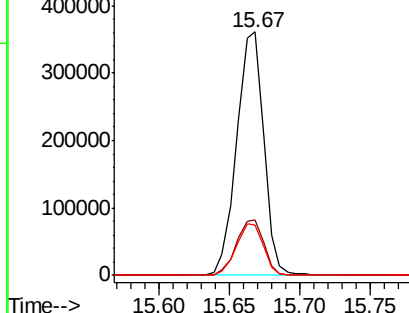
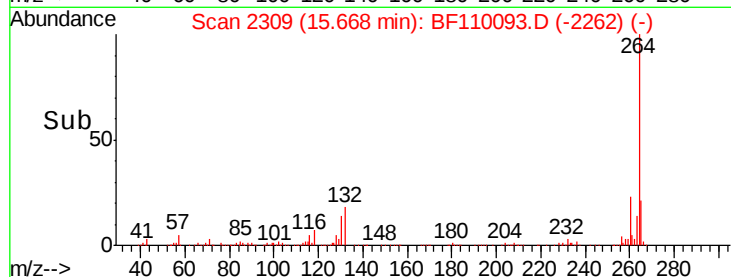


Abundance

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: 5.430 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BF110093.D

Acq: 23 Oct 2018 22:27

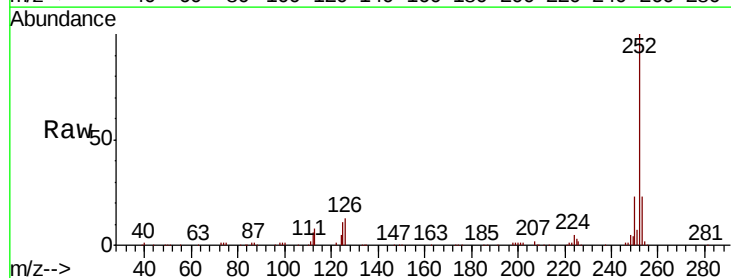
Tgt Ion:252 Resp: 152010

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 11.0 8.2 12.4

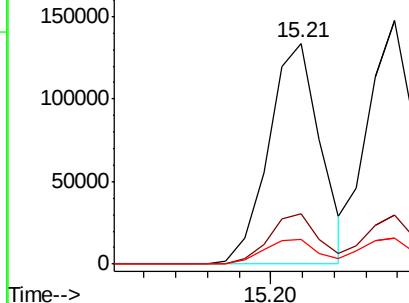
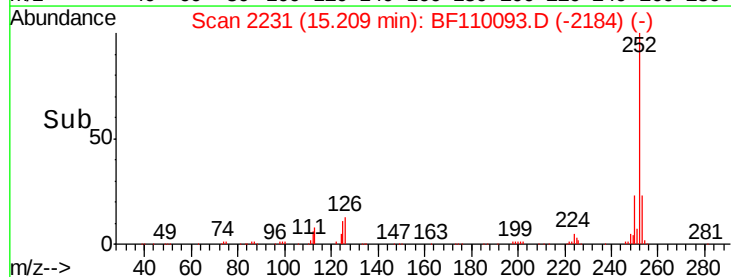


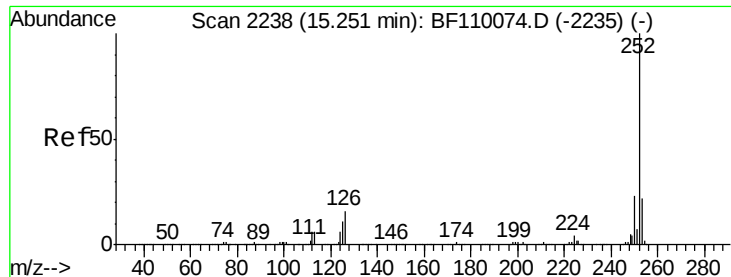
Abundance

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

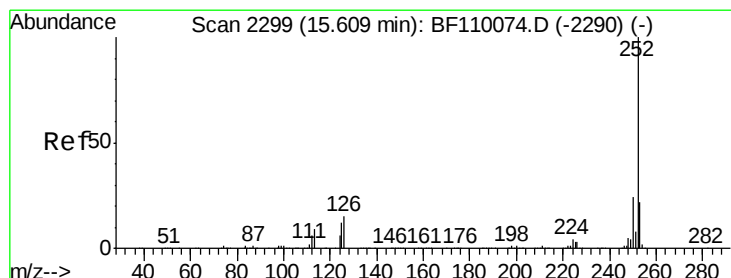
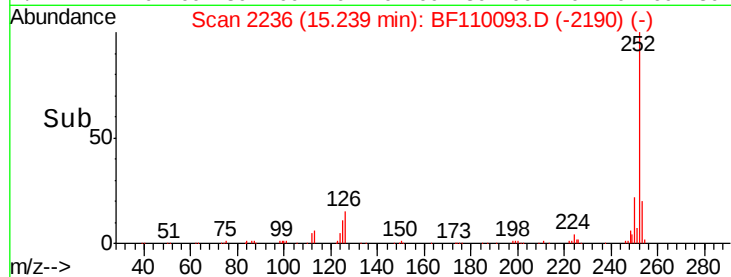
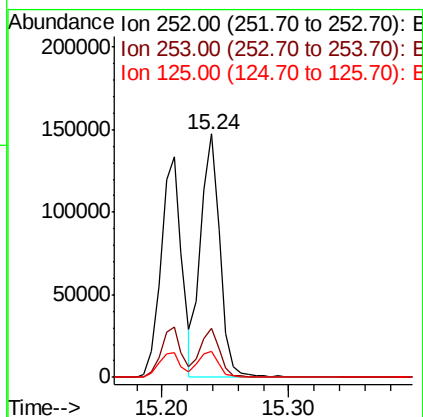
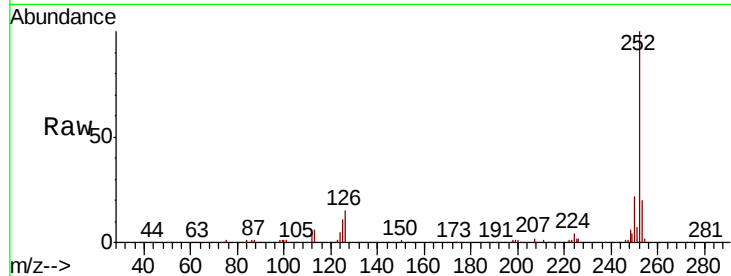




#89
Benzo(k)fluoranthene
Concen: 5.626 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

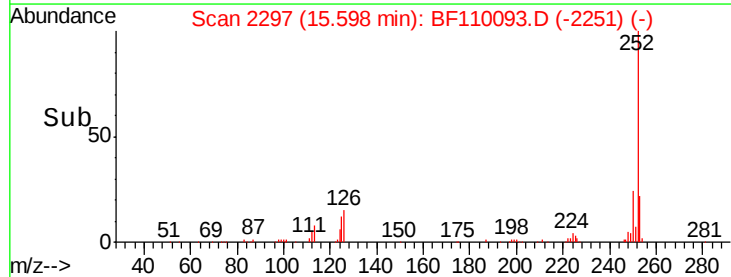
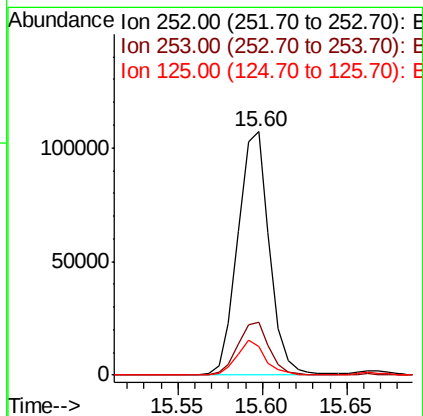
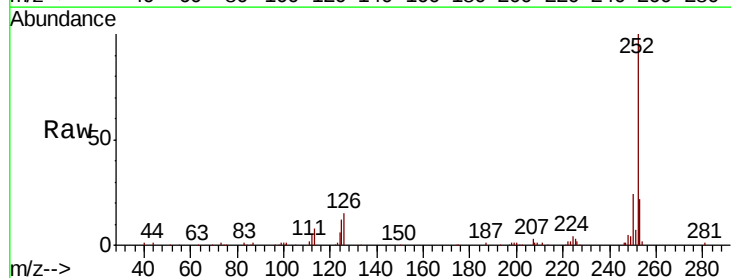
Instrument :
BNA_F
ClientSampleId :

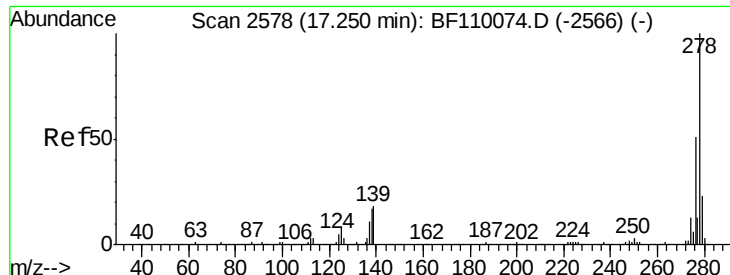
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.2	25.8
125	10.7	7.4	11.0



#90
Benzo(a)pyrene
Concen: 5.414 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.8	9.0	13.6

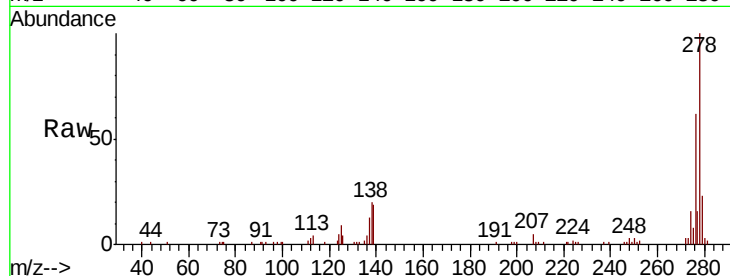




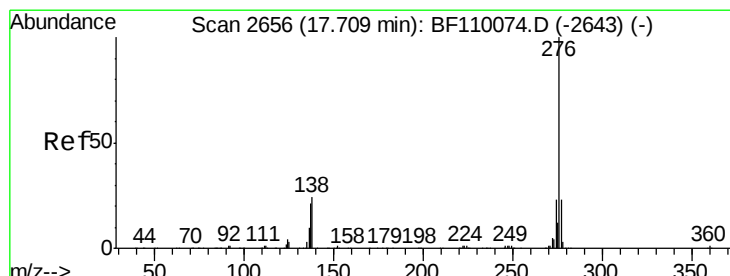
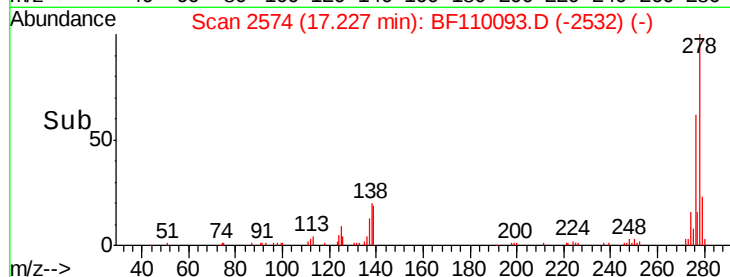
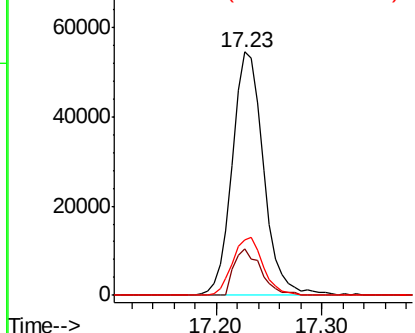
#91
Dibenzo(a,h)anthracene
Concen: 5.039 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.05 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 111988
Ion Ratio Lower Upper
278 100
139 18.9 12.7 19.1
279 22.7 19.0 28.4

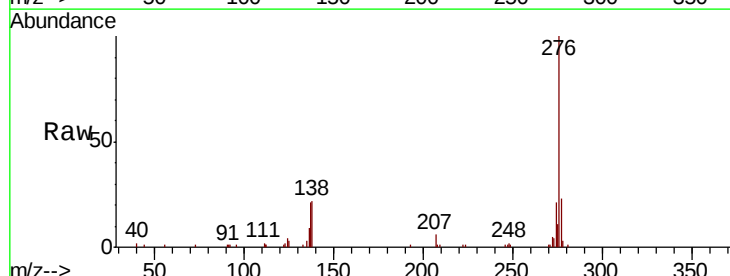


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 4.984 ng
RT: 17.68 min Scan# 2651
Delta R.T. -0.06 min
Lab File: BF110093.D
Acq: 23 Oct 2018 22:27

Tgt Ion:276 Resp: 109164
Ion Ratio Lower Upper
276 100
277 22.7 18.8 28.2
138 22.5 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

