

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110091.D
 Acq On : 23 Oct 2018 21:32
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 1PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:56:02 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	161864	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	686135	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	338093	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	667296	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	552953	20.00	ng	-0.02
87) Perylene-d12	15.66	264	472347	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	1291240	129.91	ng	-0.02
7) Phenol-d6	6.59	99	1614239	126.97	ng	-0.02
23) Nitrobenzene-d5	7.53	82	944142	81.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	432320	129.09	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1753923	81.46	ng	-0.02
79) Terphenyl-d14	13.09	244	1854178	69.74	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	4288	0.823	ng	# 87
3) Pyridine	3.74	79	9712	0.837	ng	# 89
4) n-Nitrosodimethylamine	3.58	42	4316	0.888	ng	# 85
6) Aniline	6.63	93	12204	0.737	ng	# 54
8) 2-Chlorophenol	6.75	128	12780	1.115	ng	92
9) Benzaldehyde	6.52	77	8608	0.168	ng	96
10) Phenol	6.59	94	13934	1.025	ng	# 50
11) bis(2-Chloroethyl)ether	6.69	93	11777	1.053	ng	91
12) 1,3-Dichlorobenzene	6.90	146	13600	1.078	ng	94
13) 1,4-Dichlorobenzene	6.98	146	13527	1.061	ng	95
14) 1,2-Dichlorobenzene	7.13	146	13270	1.121	ng	99
15) Benzyl Alcohol	7.12	79	24084	2.463	ng	# 45
16) 2,2'-oxybis(1-Chloropropan	7.23	45	20305	1.136	ng	70
17) 2-Methylphenol	7.20	107	9778	1.071	ng	# 77
18) Hexachloroethane	7.47	117	4618	0.989	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	8141	0.998	ng	# 90
20) 3+4-Methylphenols	7.36	107	11836	1.003	ng	# 72
22) Acetophenone	7.36	105	17635	1.115	ng	# 91
24) Nitrobenzene	7.54	77	15520	1.299	ng	95
25) Isophorone	7.53	82	939557	47.648	ng	# 67
26) 2-Nitrophenol	7.86	139	4795	0.844	ng	98
27) 2,4-Dimethylphenol	7.89	122	10327	1.096	ng	95
28) bis(2-Chloroethoxy)methane	7.99	93	14483	1.081	ng	96
29) 2,4-Dichlorophenol	8.10	162	8913	0.936	ng	94
30) 1,2,4-Trichlorobenzene	8.19	180	11669	1.094	ng	90
31) Naphthalene	8.27	128	38919	1.231	ng	98
32) Benzoic acid	7.95	122	1096	0.150	ng	# 64
33) 4-Chloroaniline	8.32	127	10487	0.737	ng	95
34) Hexachlorobutadiene	8.38	225	6111	1.032	ng	# 84
35) Caprolactam	8.70	113	143	0.043	ng	# 1
36) 4-Chloro-3-methylphenol	8.78	107	10391	1.009	ng	98
37) 2-Methylnaphthalene	8.96	142	24858	1.188	ng	97
38) 1-Methylnaphthalene	9.06	142	24374	1.205	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	10448	0.992	ng	96

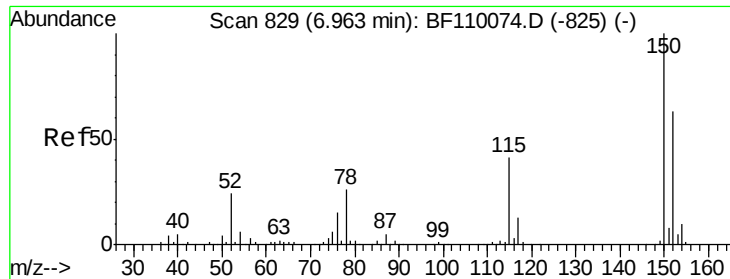
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110091.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	4436	0.824	ng	99
43) 2,4,6-Trichlorophenol	9.27	196	6633	0.976	ng	91
44) 2,4,5-Trichlorophenol	9.27	196	6633	0.924	ng	95
46) 1,1'-Biphenyl	9.42	154	35762	1.170	ng	98
47) 2-Chloronaphthalene	9.45	162	24371	1.087	ng	100
48) 2-Nitroaniline	9.55	65	6215	0.915	ng	91
49) Acenaphthylene	9.87	152	36784	1.136	ng	98
50) Dimethylphthalate	9.71	163	27586	1.105	ng	99
51) 2,6-Dinitrotoluene	9.78	165	5005	0.931	ng	96
52) Acenaphthene	10.04	154	24896	1.162	ng	97
53) 3-Nitroaniline	9.96	138	5265	0.824	ng	# 79
54) 2,4-Dinitrophenol	10.06	184	150	5.241	ng	# 76
55) Dibenzofuran	10.21	168	33990	1.133	ng	97
56) 4-Nitrophenol	10.10	139	3053	0.645	ng	# 84
57) 2,4-Dinitrotoluene	10.19	165	5626	0.824	ng	# 93
58) Fluorene	10.56	166	27843	1.247	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.33	232	5192	0.887	ng	# 99
60) Diethylphthalate	10.42	149	26449	1.086	ng	98
61) 4-Chlorophenyl-phenylether	10.55	204	13477	1.144	ng	92
62) 4-Nitroaniline	10.56	138	5413	0.851	ng	87
63) Azobenzene	10.70	77	25827	1.068	ng	99
65) 4,6-Dinitro-2-methylphenol	10.60	198	1231	0.404	ng	83
66) n-Nitrosodiphenylamine	10.66	169	23245	1.062	ng	95
67) 4-Bromophenyl-phenylether	11.04	248	7500	1.036	ng	93
68) Hexachlorobenzene	11.10	284	8062	1.050	ng	96
69) Atrazine	11.18	200	6820	0.986	ng	98
70) Pentachlorophenol	11.30	266	1503	0.336	ng	# 68
71) Phenanthrene	11.52	178	42099	1.206	ng	98
72) Anthracene	11.57	178	43421	1.241	ng	96
73) Carbazole	11.73	167	34700	1.015	ng	97
74) Di-n-butylphthalate	12.05	149	39283	1.018	ng	96
75) Fluoranthene	12.72	202	41535	1.172	ng	99
77) Benzidine	12.83	184	6998	0.300	ng	# 89
78) Pyrene	12.94	202	42421	1.070	ng	94
80) Butylbenzylphthalate	13.55	149	15586	0.906	ng	90
81) Benzo(a)anthracene	14.13	228	38683	1.180	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	7952	0.696	ng	93
83) Chrysene	14.17	228	35795	1.149	ng	95
84) Bis(2-ethylhexyl)phthalate	14.10	149	21766	0.936	ng	# 95
85) Di-n-octyl phthalate	14.72	149	32860	0.909	ng	# 95
86) Indeno(1,2,3-cd)pyrene	17.21	276	25310	0.980	ng	# 93
88) Benzo(b)fluoranthene	15.20	252	31041	1.138	ng	98
89) Benzo(k)fluoranthene	15.24	252	30747	1.147	ng	98
90) Benzo(a)pyrene	15.59	252	27132	1.081	ng	99
91) Dibenzo(a,h)anthracene	17.23	278	21371	0.987	ng	98
92) Benzo(g,h,i)perylene	17.69	276	20515	0.961	ng	# 93

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

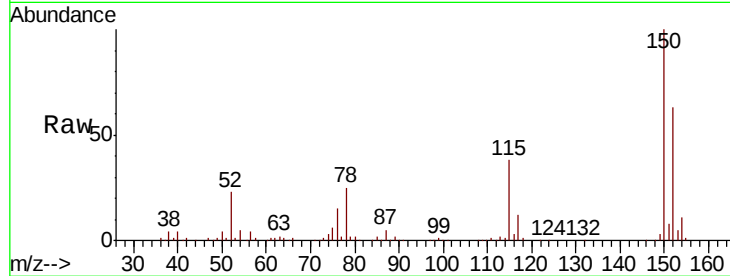


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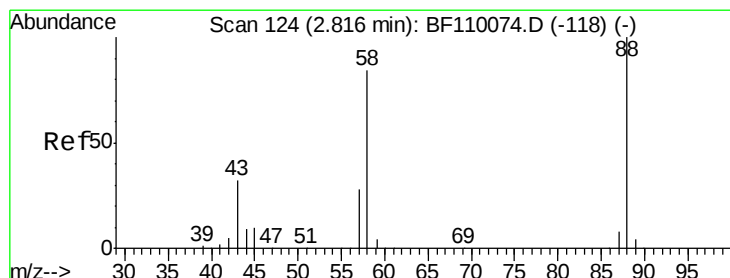
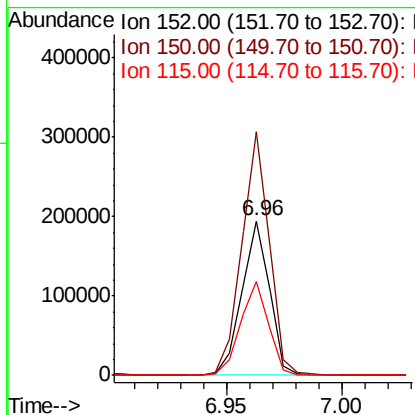
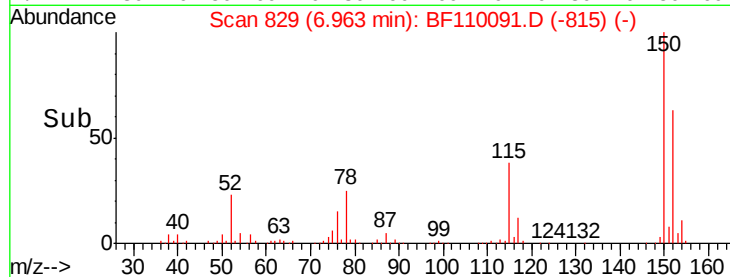
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161864
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 60.7 49.1 73.7



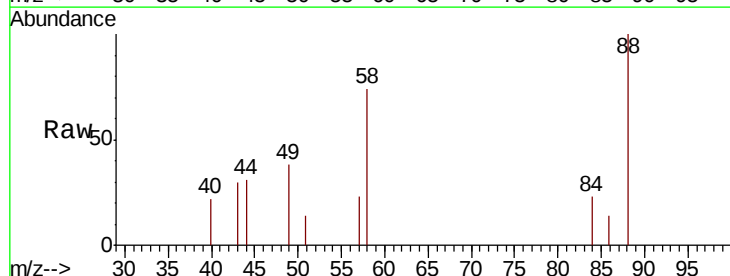
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



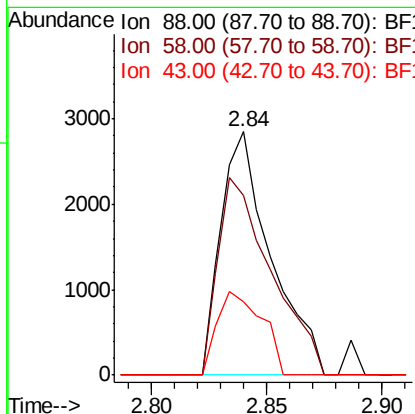
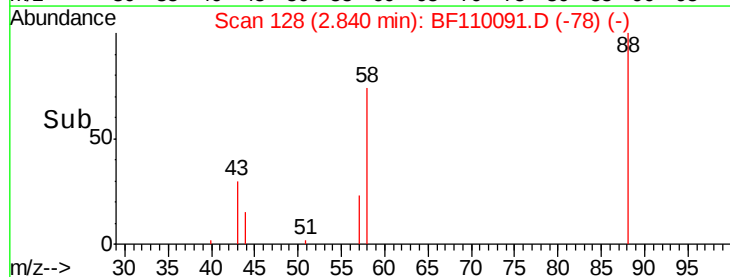
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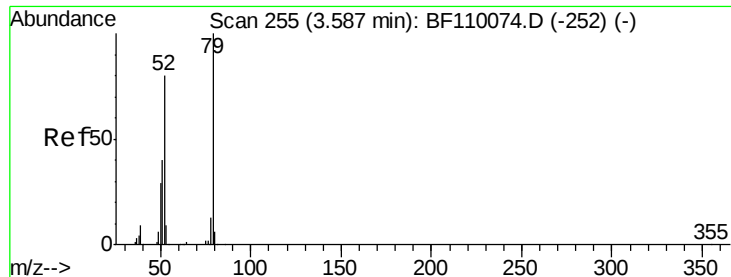
1,4-Dioxane
Concen: 0.823 ng
RT: 2.84 min Scan# 128
Delta R.T. -0.01 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion: 88 Resp: 4288
Ion Ratio Lower Upper
88 100
58 86.0 57.1 85.7#
43 30.6 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



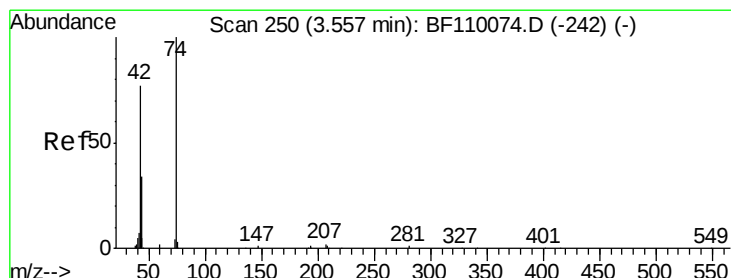
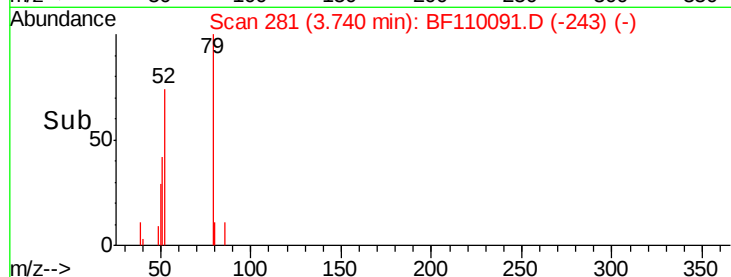
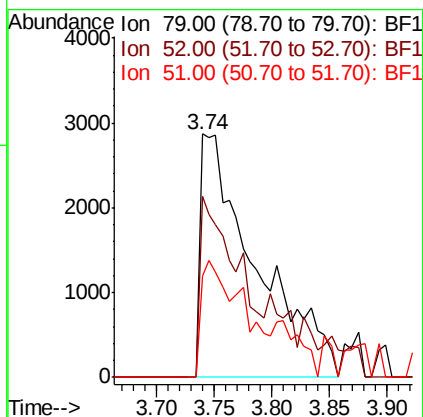
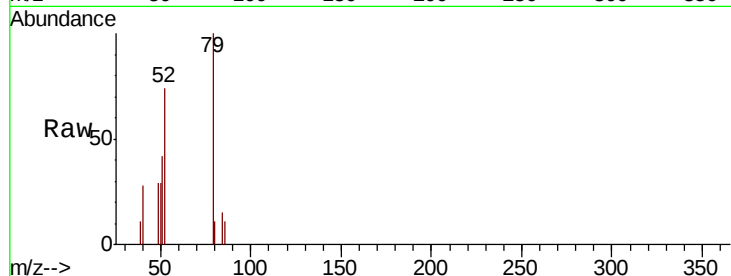


#3
Pvridine
Concen: 0.837 ng
RT: 3.74 min Scan# 281
Delta R.T. 0.12 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 9712

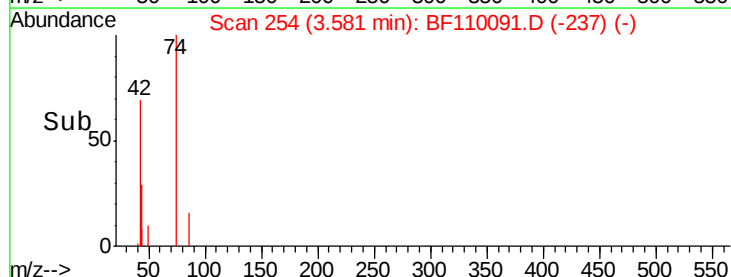
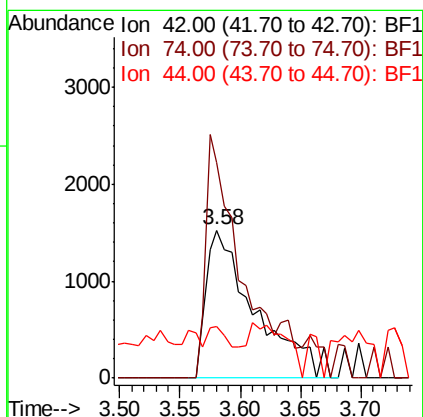
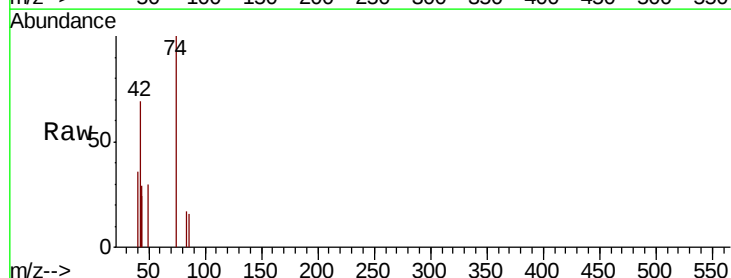
Ion	Ratio	Lower	Upper
79	100		
52	74.4	53.1	79.7
51	41.9	27.4	41.2#

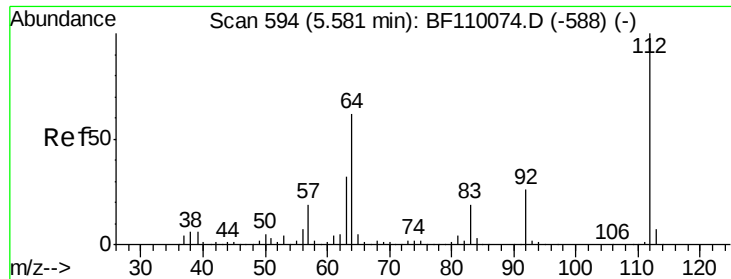


#4
n-Nitrosodimethylamine
Concen: 0.888 ng
RT: 3.58 min Scan# 254
Delta R.T. -0.00 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion: 42 Resp: 4316

Ion	Ratio	Lower	Upper
42	100		
74	145.8	105.5	158.3
44	34.7	4.9	7.3#





#5

2-Fluorophenol

Concen: 129.907 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampled :

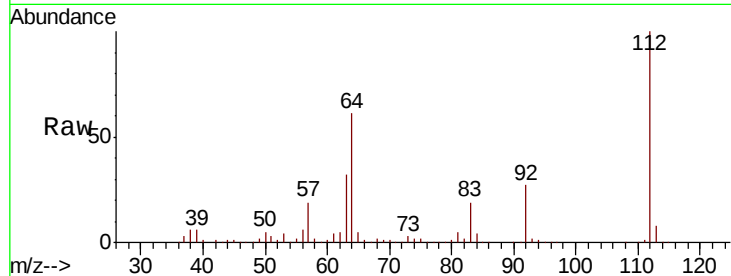
Tot Ion:112 Resp: 1291240

Ion Ratio Lower Upper

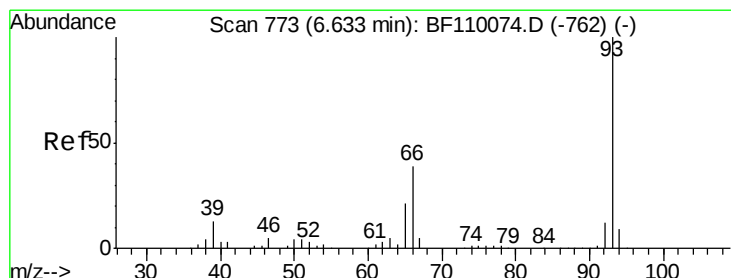
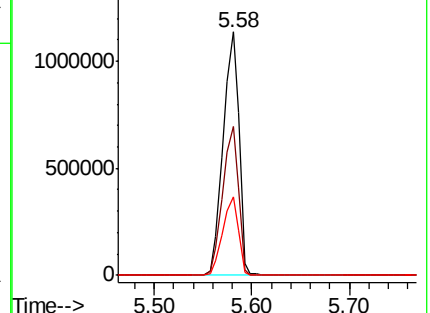
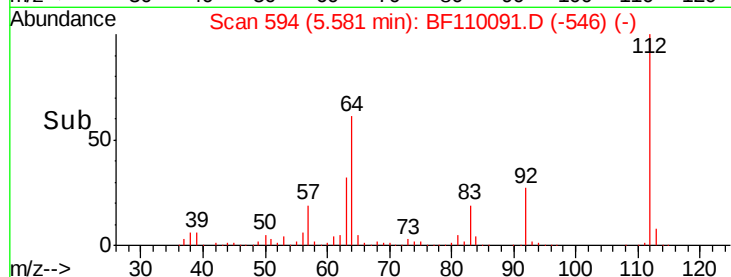
112 100

64 61.2 44.1 66.1

63 32.4 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: 0.737 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

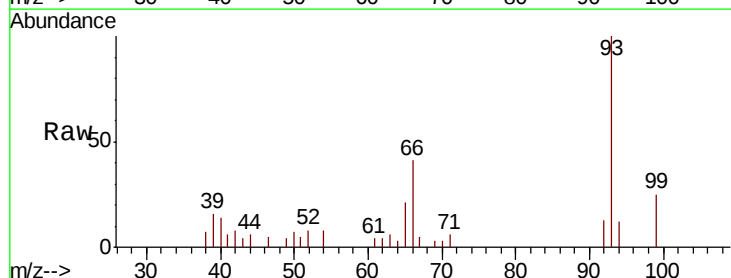
Tgt Ion: 93 Resp: 12204

Ion Ratio Lower Upper

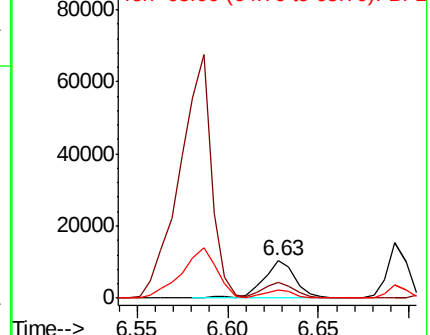
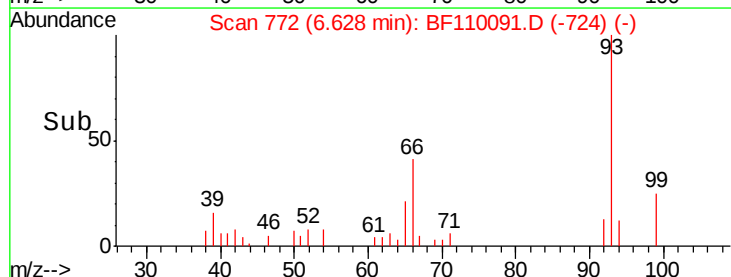
93 100

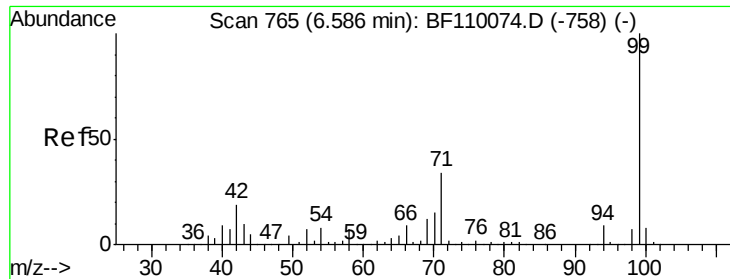
66 40.7 67.4 101.0#

65 21.2 41.0 61.4#



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





#7

Phenol-d6

Concen: 126.968 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

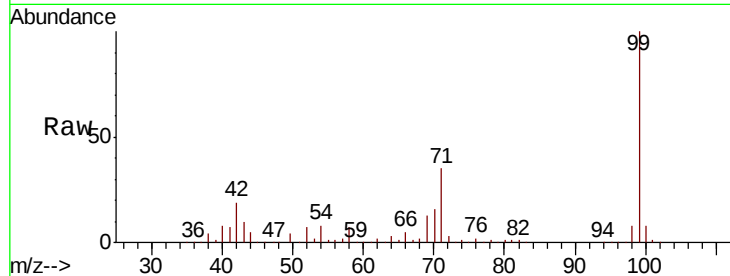
Tot Ion: 99 Resp: 1614239

Ion Ratio Lower Upper

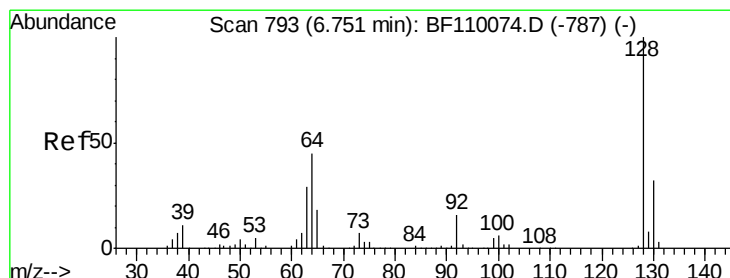
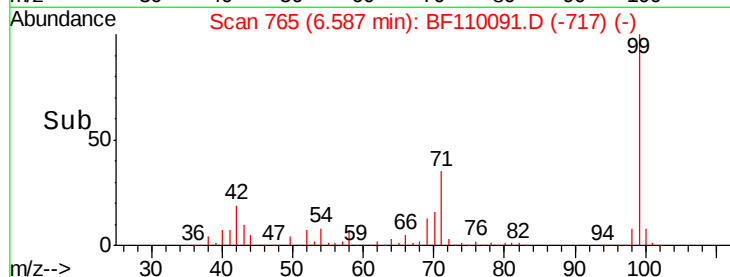
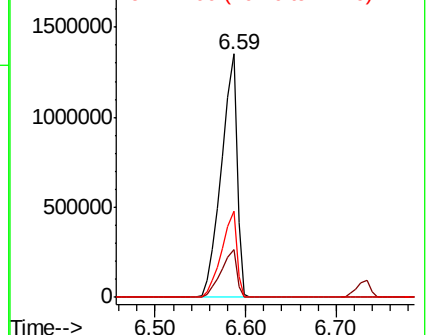
99 100

42 19.4 15.8 23.6

71 35.3 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: 1.115 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

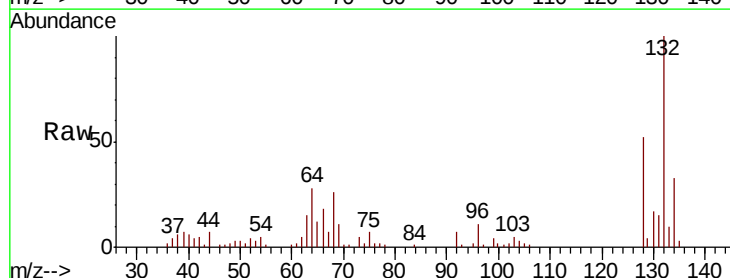
Tgt Ion: 128 Resp: 12780

Ion Ratio Lower Upper

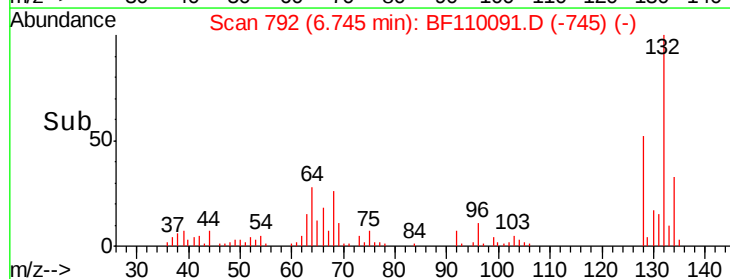
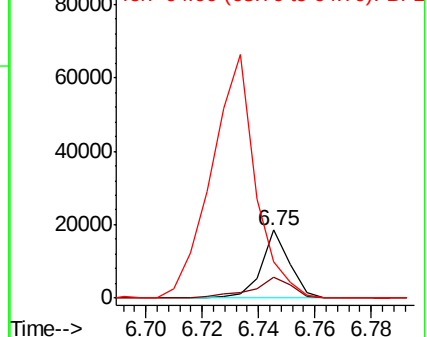
128 100

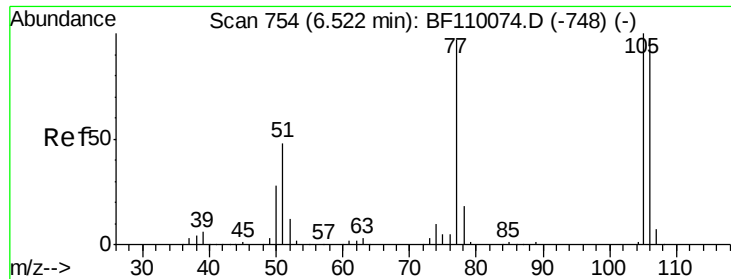
130 31.8 13.1 53.1

64 54.2 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

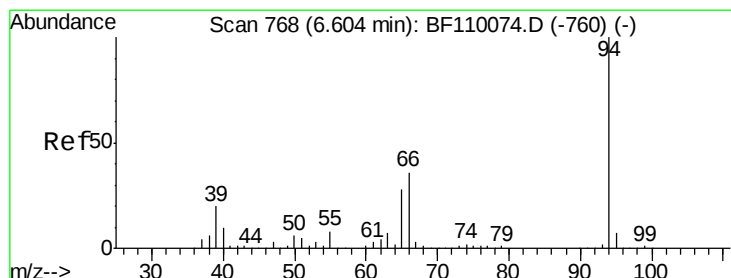
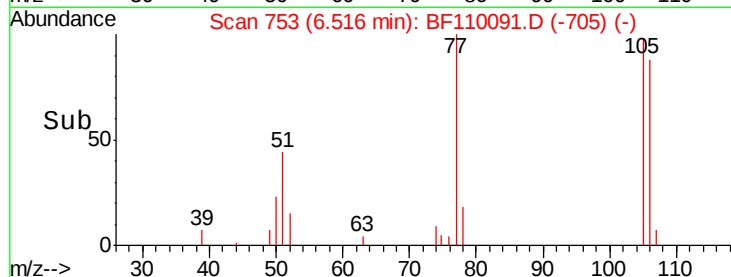
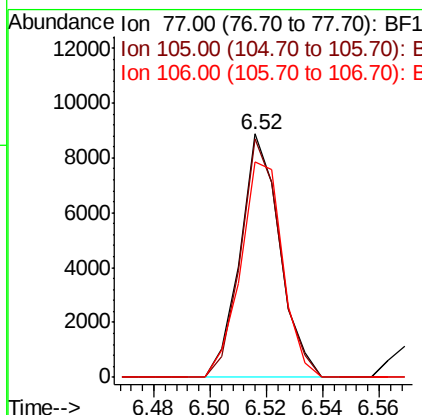
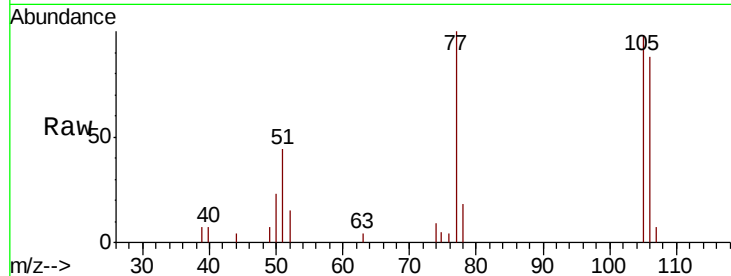




#9
Benzaldehyde
Concen: 0.168 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

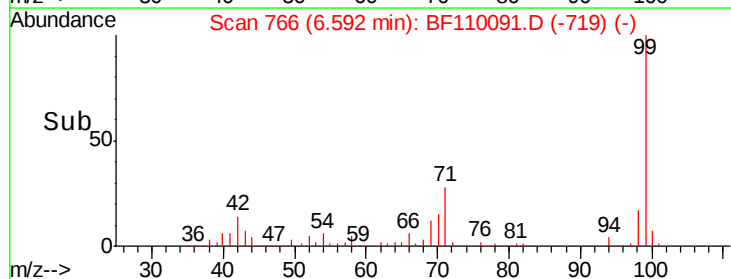
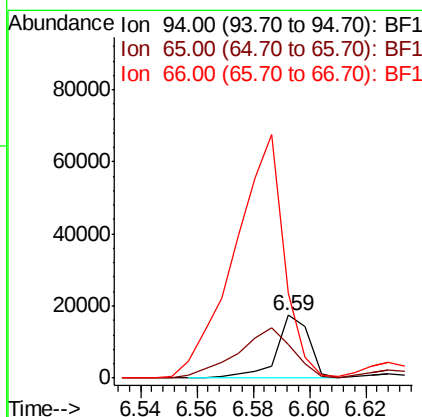
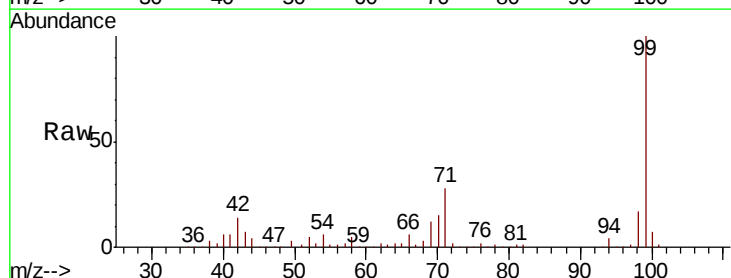
Instrument :
BNA_F
ClientSampleId :

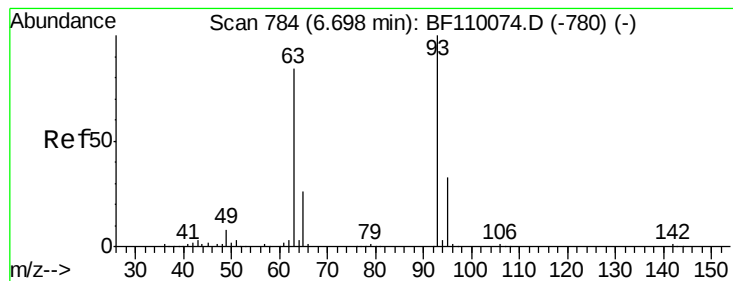
Tot Ion: 77 Resp: 8608
Ion Ratio Lower Upper
77 100
105 97.7 78.6 118.6
106 88.5 74.8 114.8



#10
Phenol
Concen: 1.025 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion: 94 Resp: 13934
Ion Ratio Lower Upper
94 100
65 53.8 25.3 65.3
66 135.7 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 1.053 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

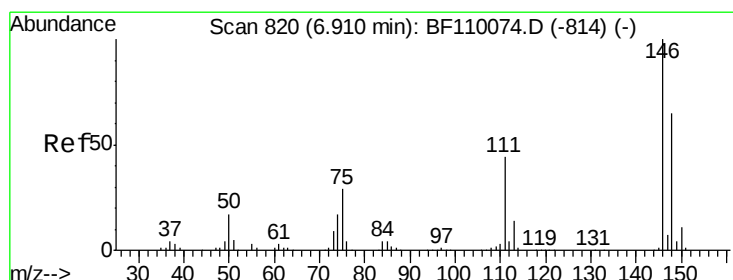
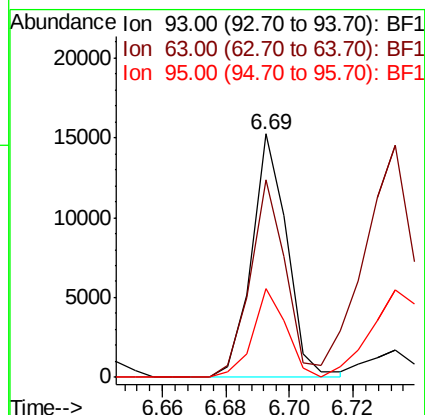
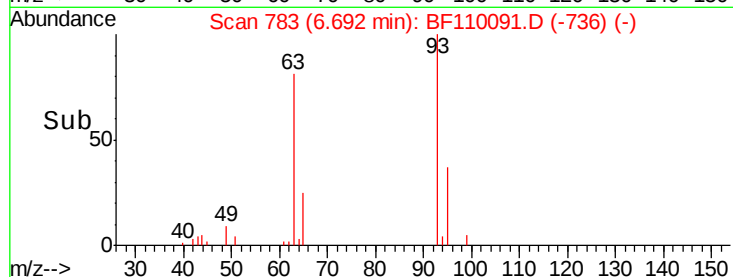
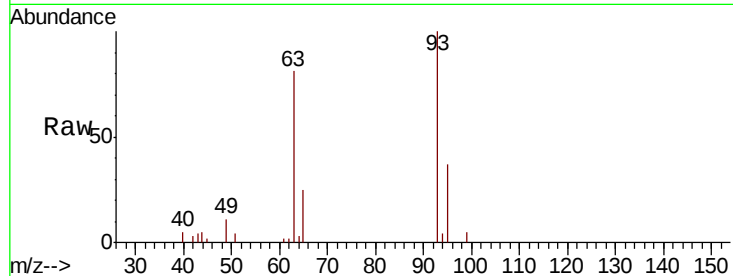
Tot Ion: 93 Resp: 11777

Ion Ratio Lower Upper

93 100

63 80.9 53.4 93.4

95 36.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 1.078 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

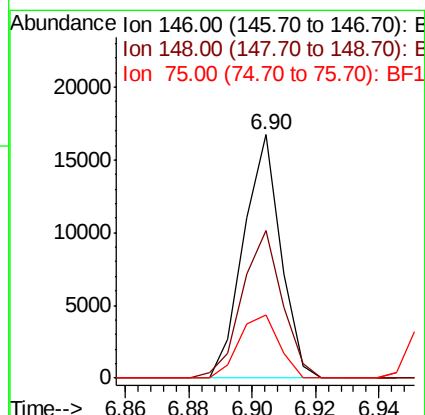
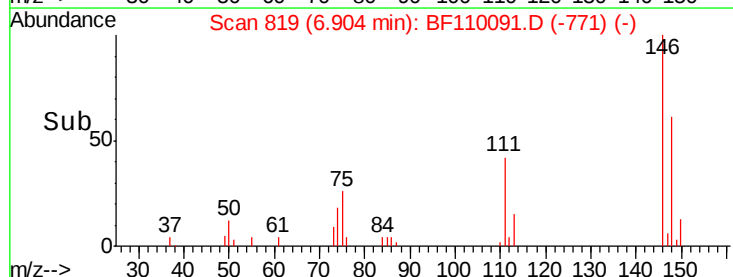
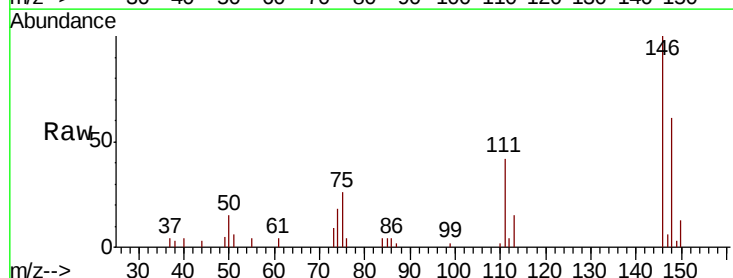
Tgt Ion: 146 Resp: 13600

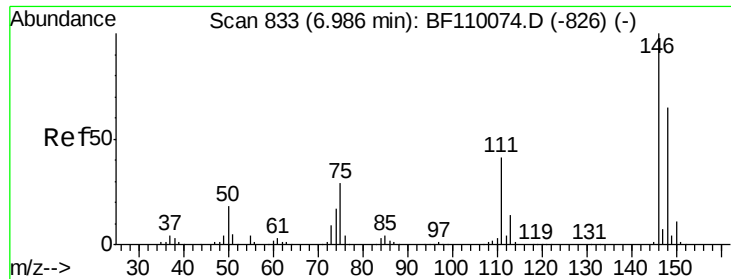
Ion Ratio Lower Upper

146 100

148 60.7 50.4 75.6

75 26.1 25.8 38.6

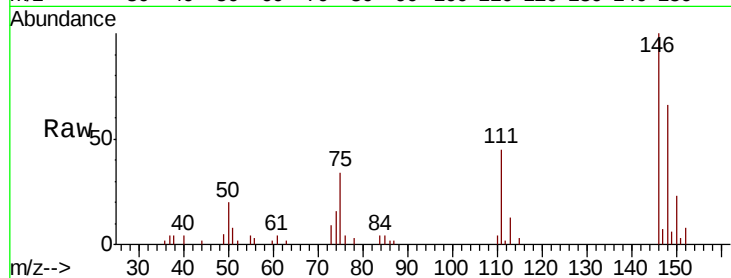




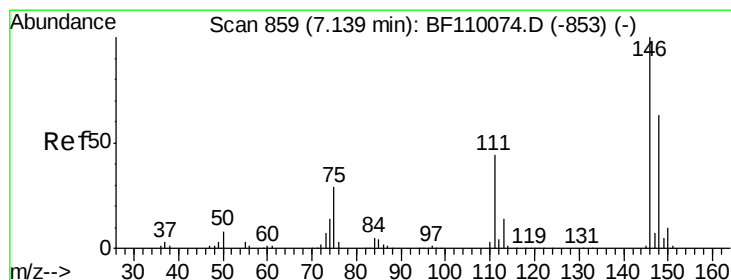
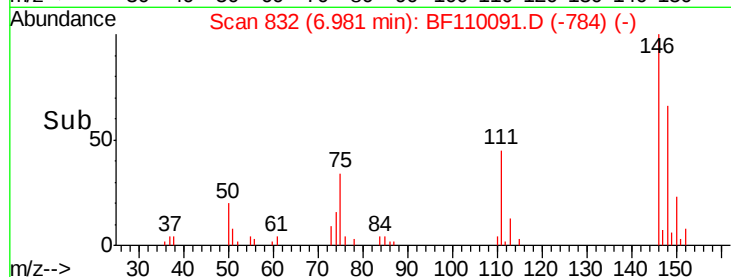
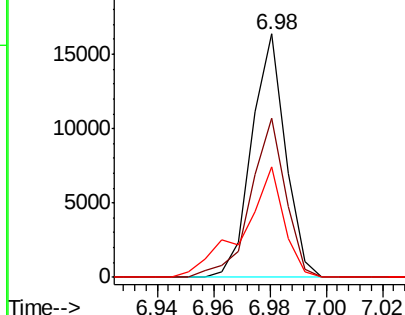
#13
 1,4-Dichlorobenzene
 Concen: 1.061 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 13527
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.3 75.5
 111 45.2 32.7 49.1

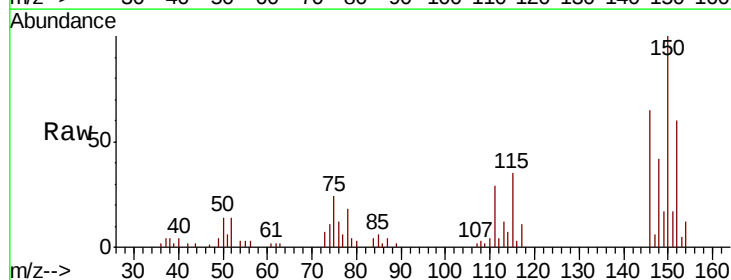


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

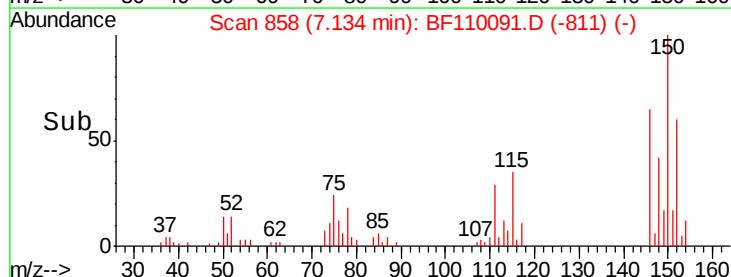
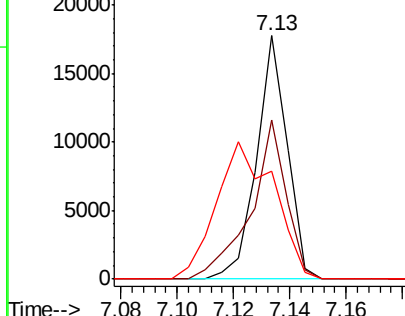


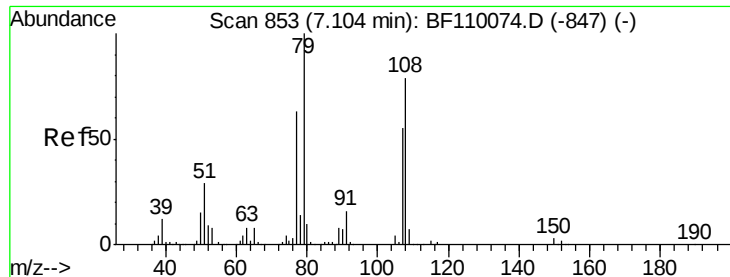
#14
 1,2-Dichlorobenzene
 Concen: 1.121 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:146 Resp: 13270
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.1 76.7
 111 44.1 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: 2.463 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampled :

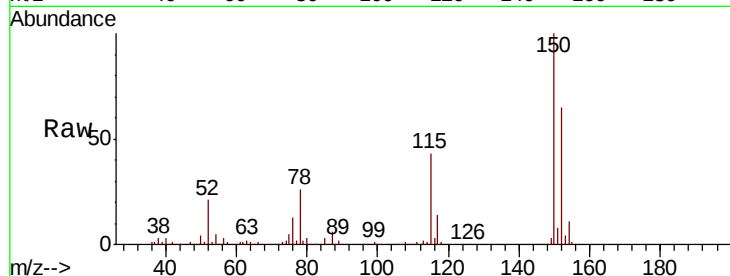
Tot Ion: 79 Resp: 24084

Ion Ratio Lower Upper

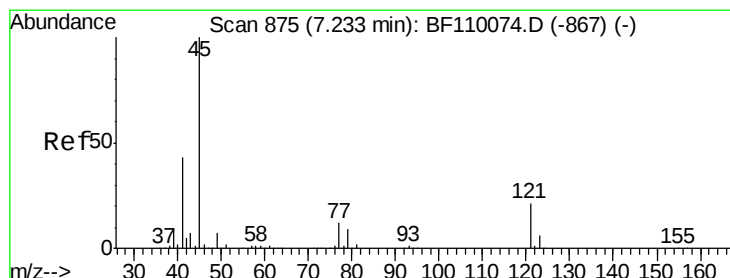
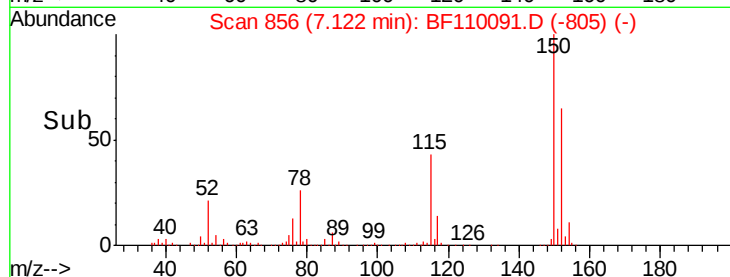
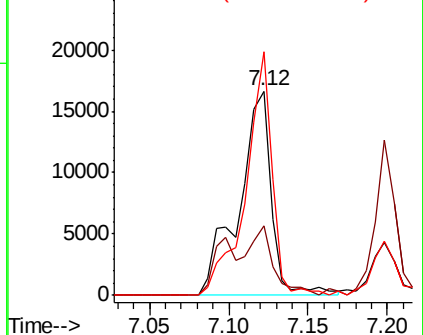
79 100

108 34.3 56.3 84.5#

77 119.2 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: 1.136 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

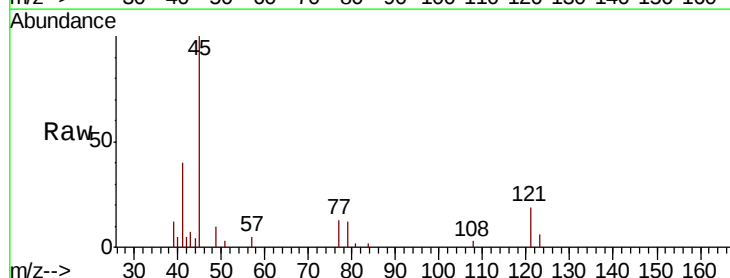
Tgt Ion: 45 Resp: 20305

Ion Ratio Lower Upper

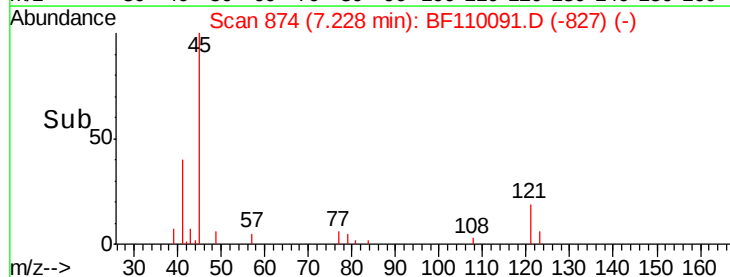
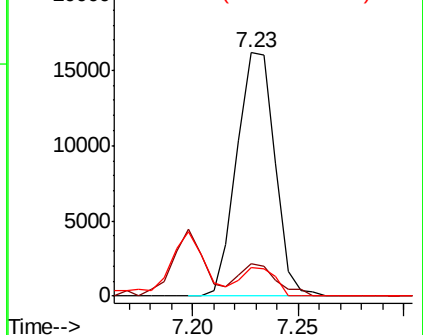
45 100

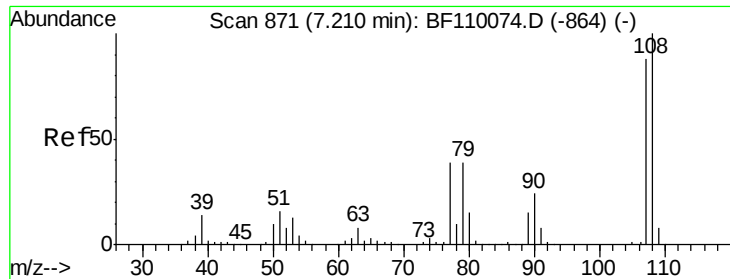
77 13.4 10.0 50.0

79 11.6 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: 1.071 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 9778

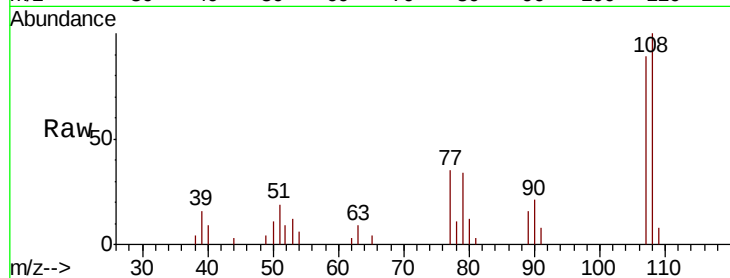
Ion Ratio Lower Upper

107 100

108 112.2 92.6 138.8

77 39.6 59.4 89.2#

79 38.2 54.0 81.0#



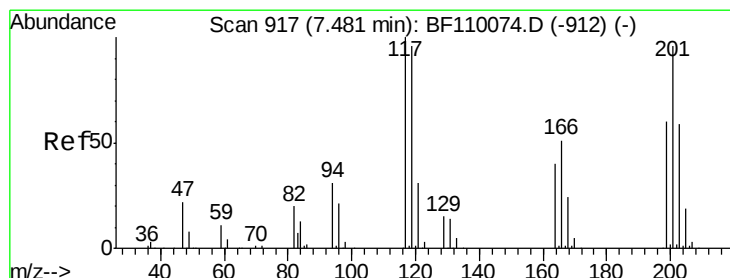
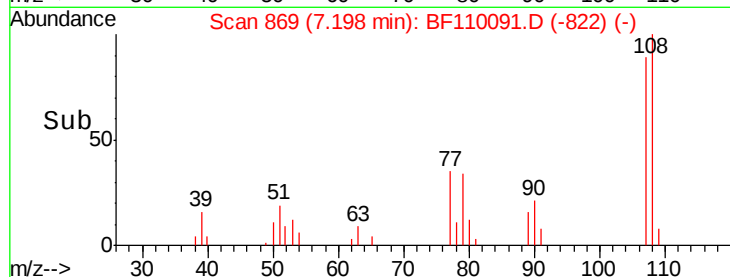
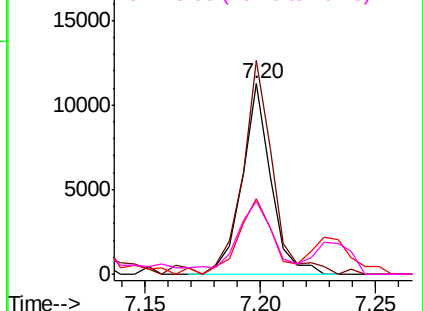
Abundance

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: 0.989 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

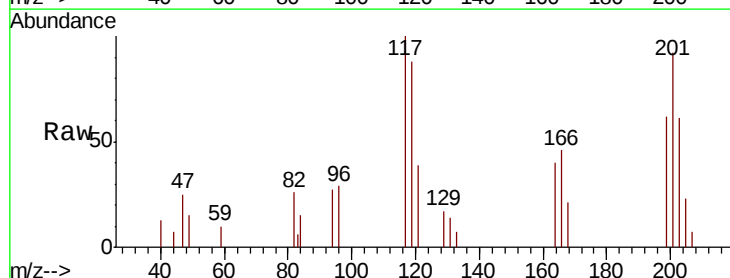
Tgt Ion:117 Resp: 4618

Ion Ratio Lower Upper

117 100

119 88.3 75.0 112.6

201 91.9 79.2 118.8

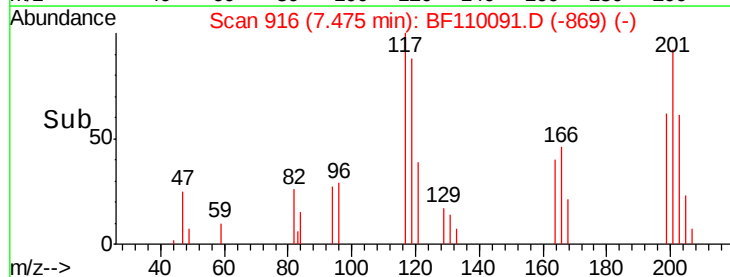
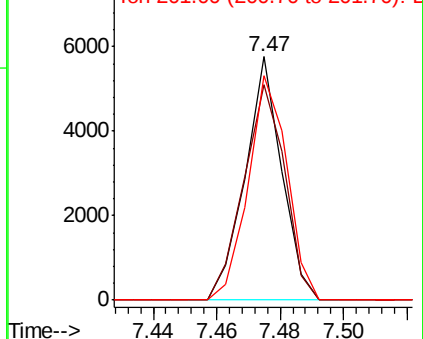


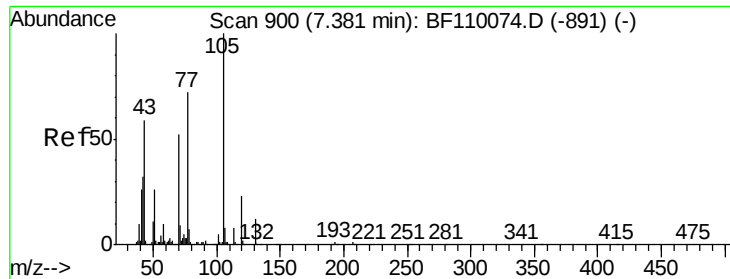
Abundance

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

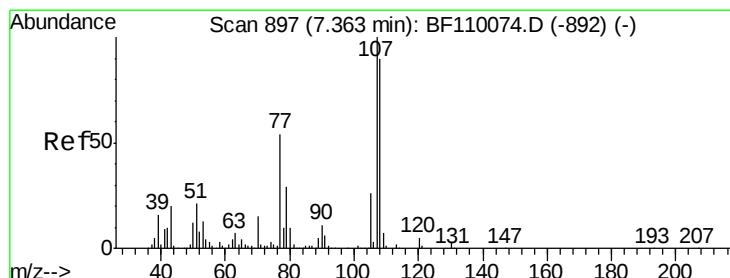
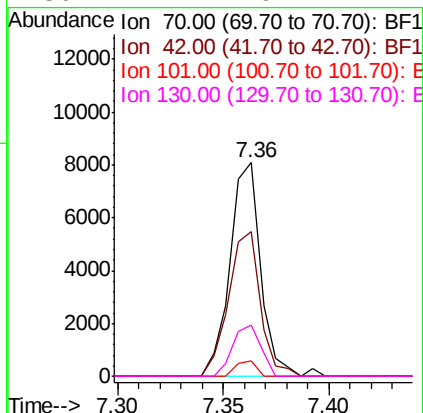
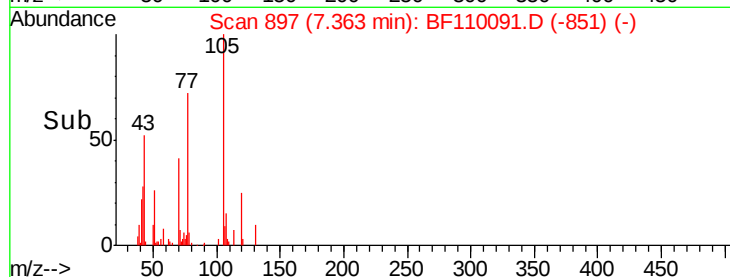
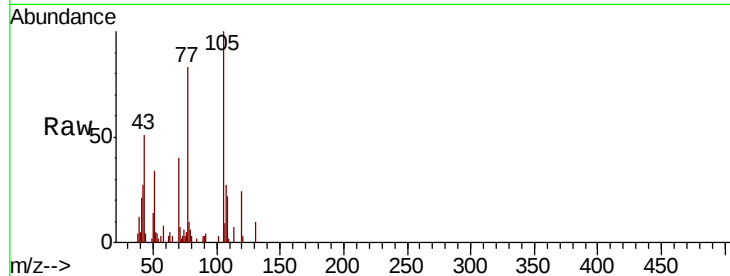




#19
n-Nitroso-di-n-propylamine
Concen: 0.998 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

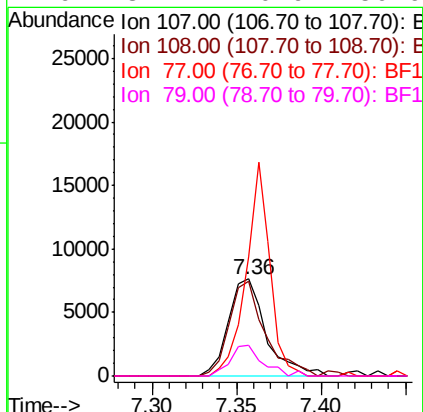
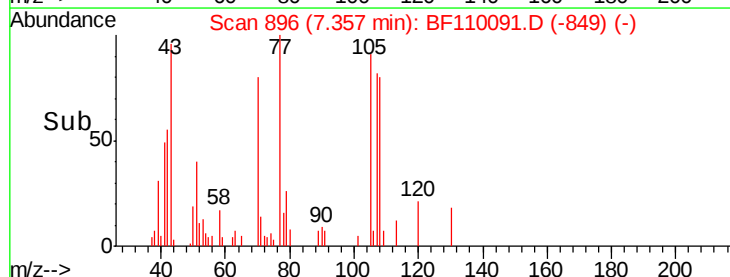
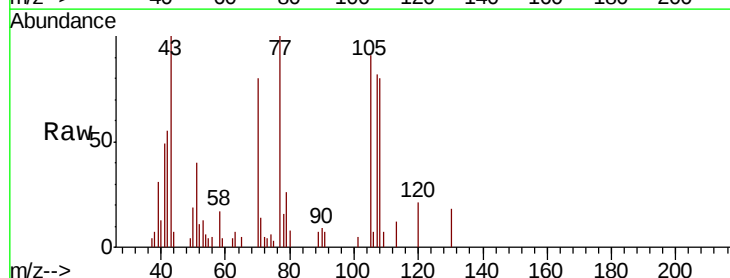
Instrument :
BNA_F
ClientSampleId :

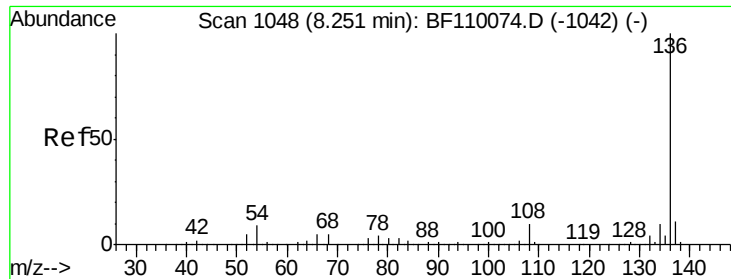
Tot Ion: 70 Resp: 8141
Ion Ratio Lower Upper
70 100
42 67.9 47.4 71.2
101 7.0 7.3 10.9#
130 24.1 16.2 24.2



#20
3+4-Methylphenols
Concen: 1.003 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion: 107 Resp: 11836
Ion Ratio Lower Upper
107 100
108 97.9 71.4 111.4
77 122.1 47.3 87.3#
79 31.7 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: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 686135

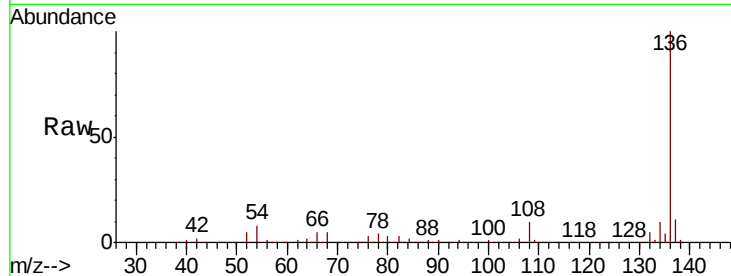
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.4 5.4 8.2#

68 5.4 4.2 6.2

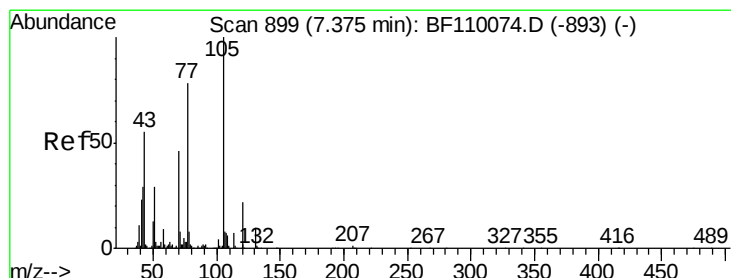
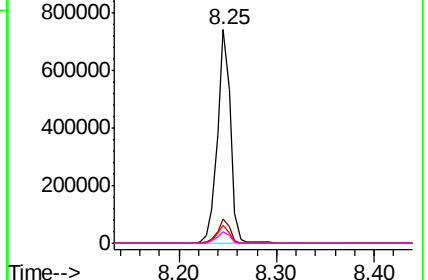
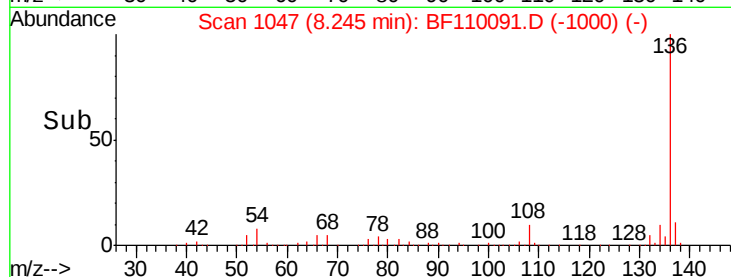


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 1.115 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.03 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Tgt Ion:105 Resp: 17635

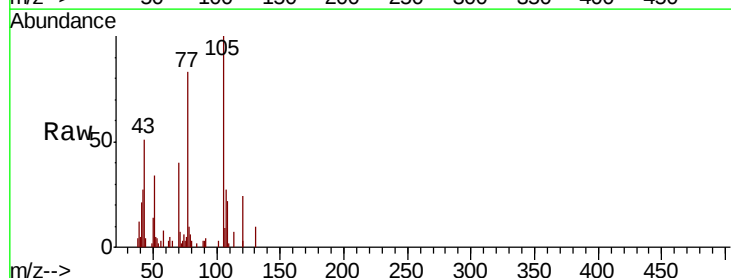
Ion Ratio Lower Upper

105 100

71 6.5 5.2 7.8

51 34.4 21.8 32.8#

120 24.2 17.0 25.4

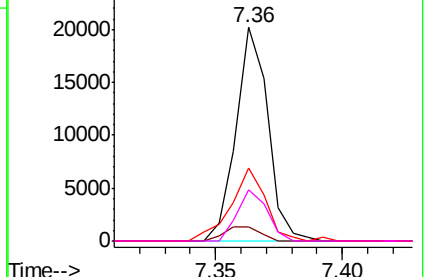
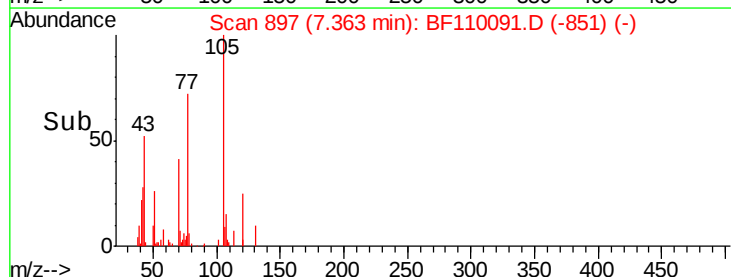


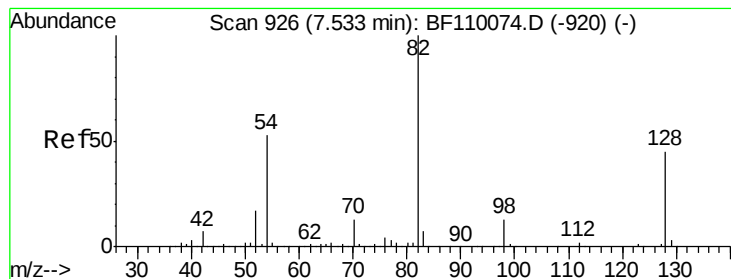
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.617 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

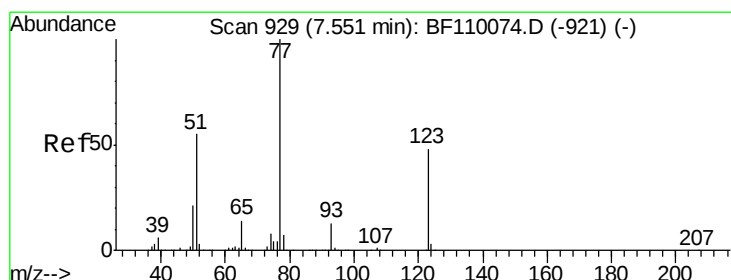
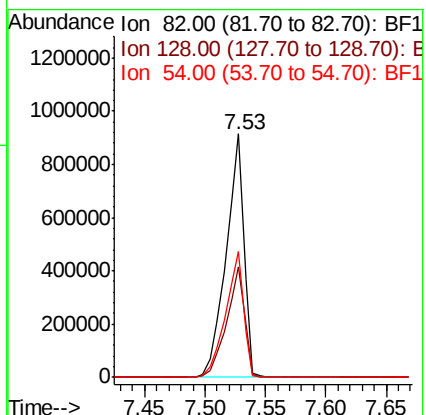
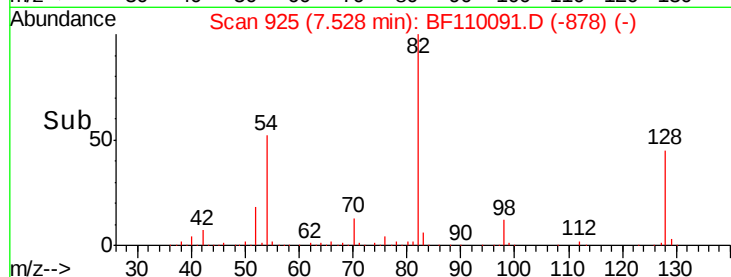
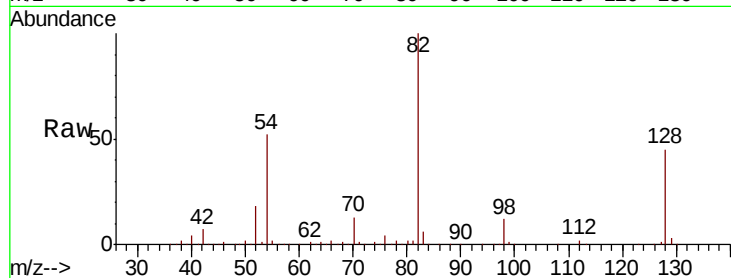
Tot Ion: 82 Resp: 944142

Ion Ratio Lower Upper

82 100

128 45.4 34.2 51.2

54 51.7 38.6 58.0



#24

Nitrobenzene

Concen: 1.299 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

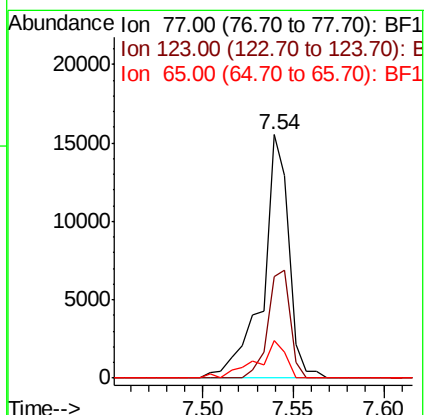
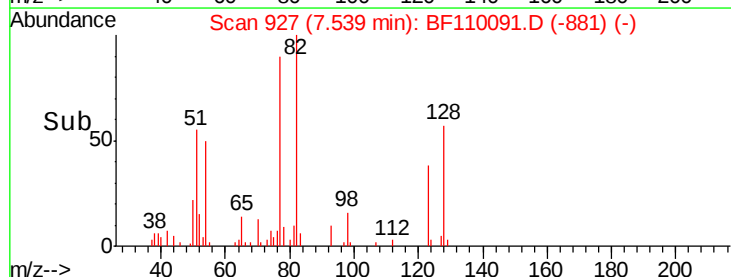
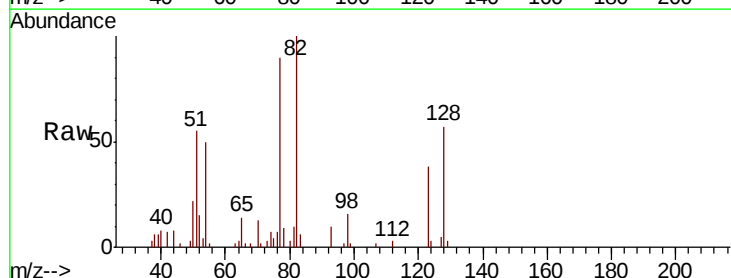
Tgt Ion: 77 Resp: 15520

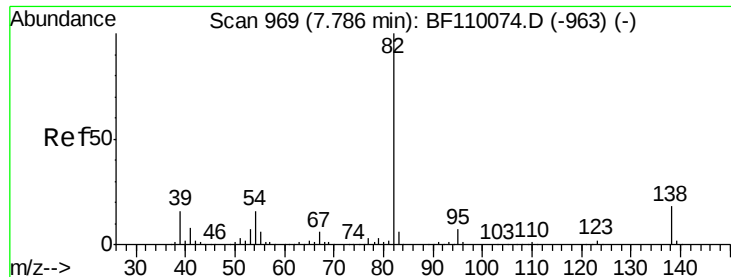
Ion Ratio Lower Upper

77 100

123 41.8 35.7 53.5

65 15.6 10.7 16.1

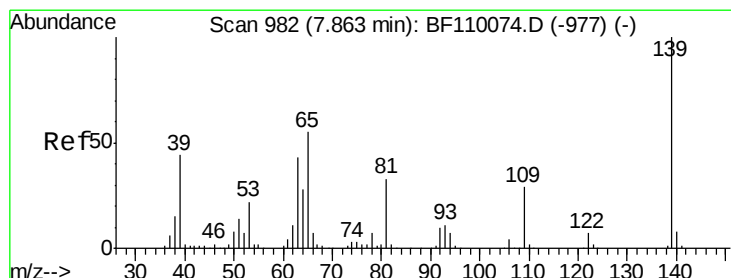
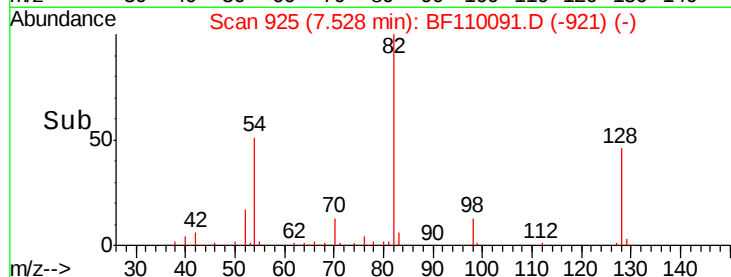
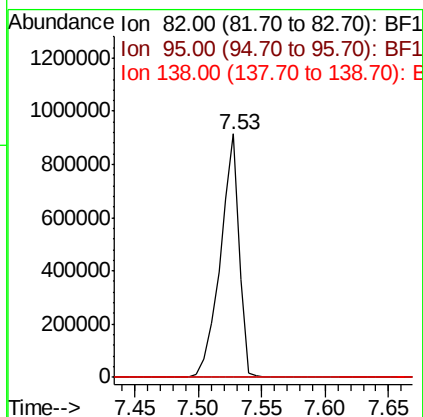
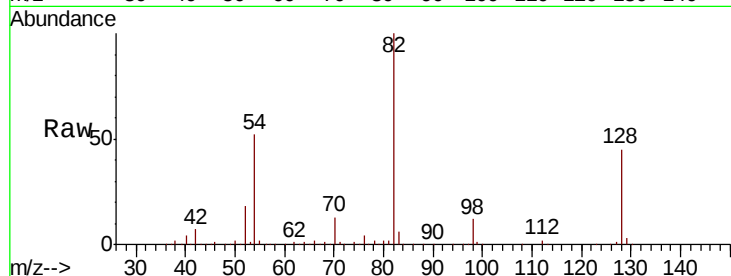




#25
Isophorone
Concen: 47.648 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

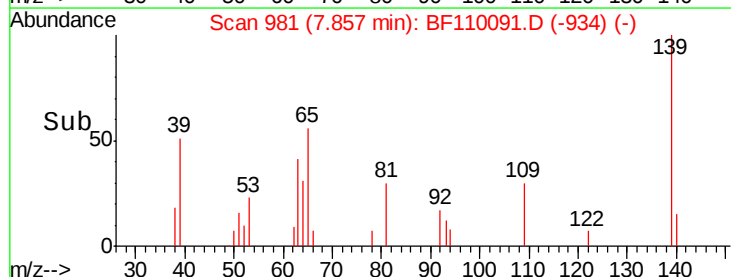
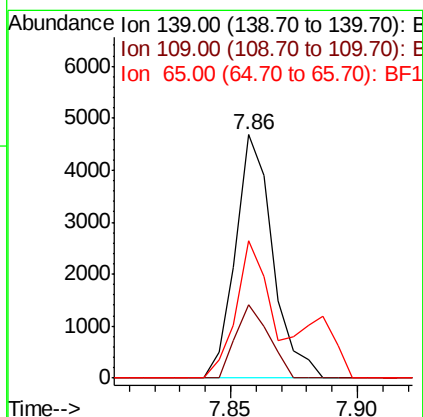
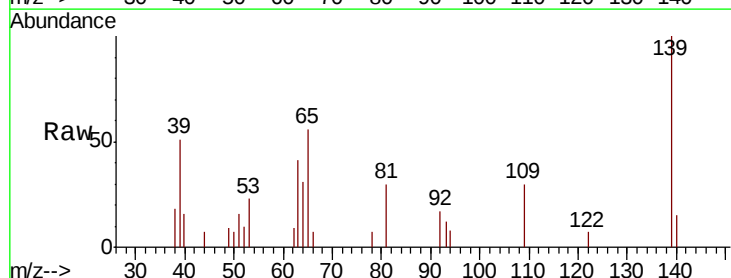
Instrument :
BNA_F
ClientSampled :

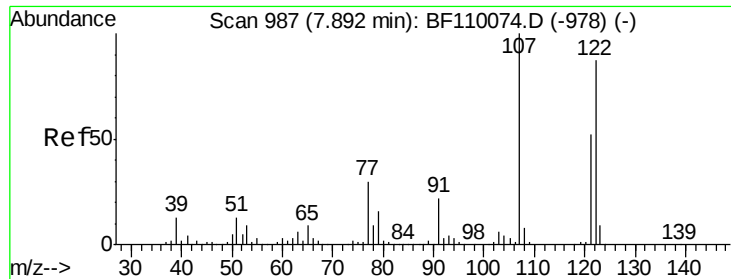
Tot Ion: 82 Resp: 939557
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#26
2-Nitrophenol
Concen: 0.844 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion: 139 Resp: 4795
Ion Ratio Lower Upper
139 100
109 29.9 25.0 37.6
65 56.5 44.0 66.0

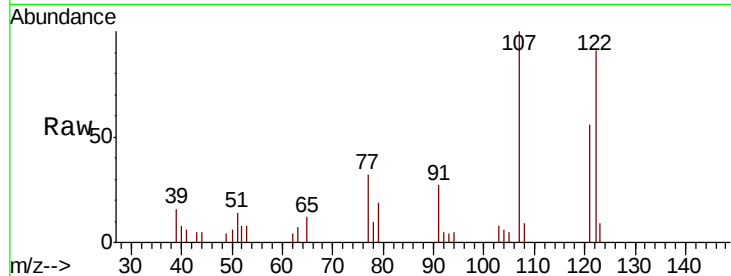




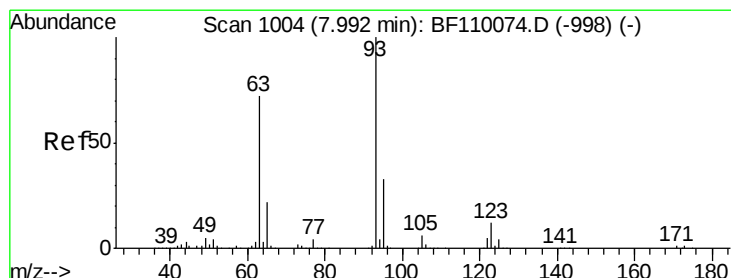
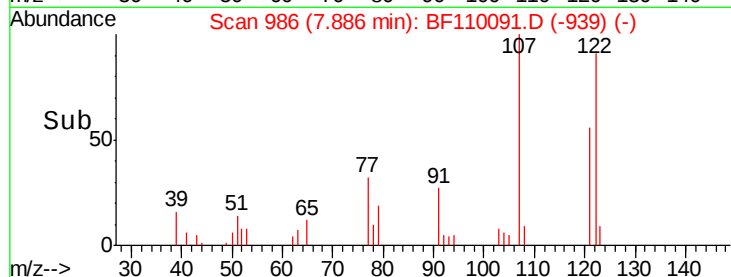
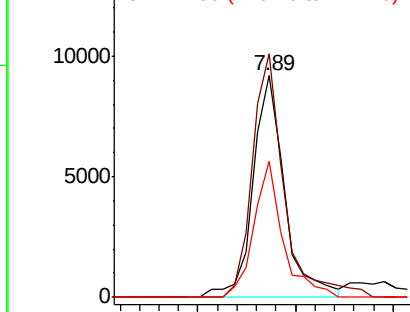
#27
 2,4-Dimethylphenol
 Concen: 1.096 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	110.0	92.5	138.7	
121	61.4	45.8	68.8	

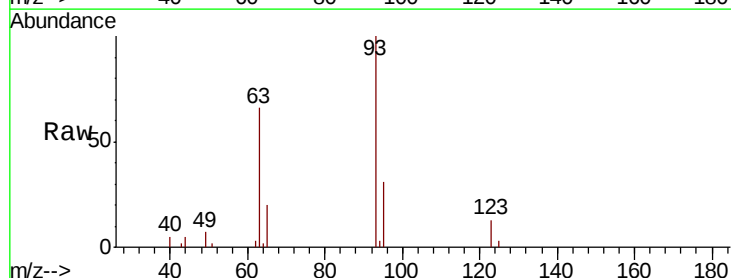


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

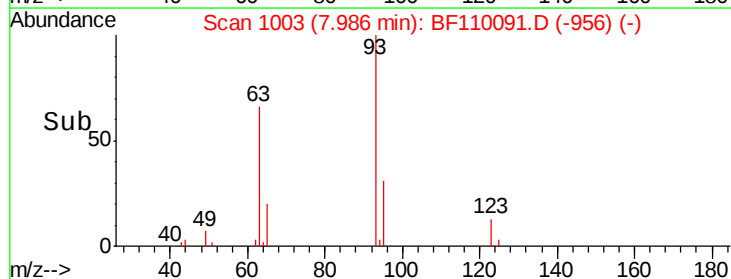
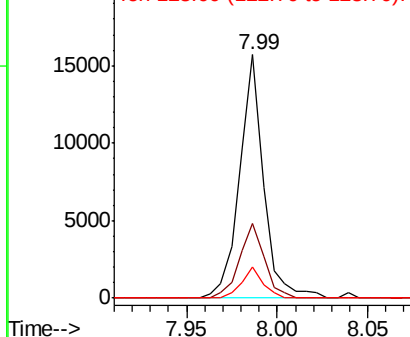


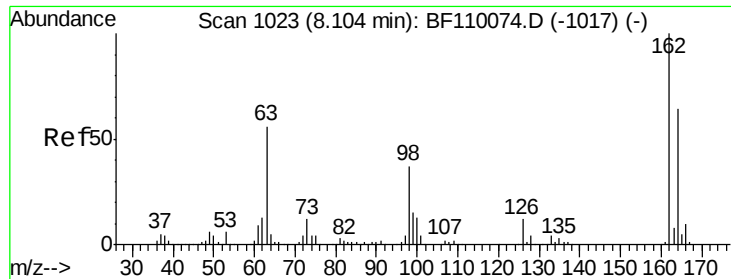
#28
 bis(2-Chloroethoxy)methane
 Concen: 1.081 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	30.5	26.4	39.6	
123	12.8	9.0	13.6	



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

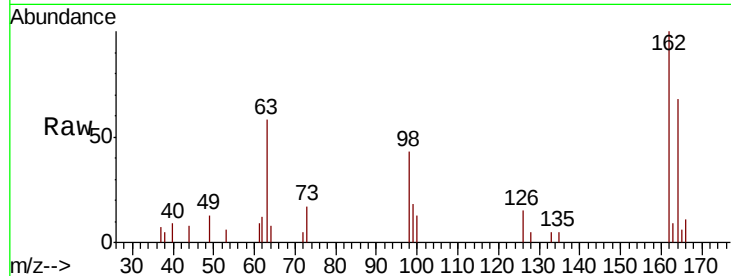




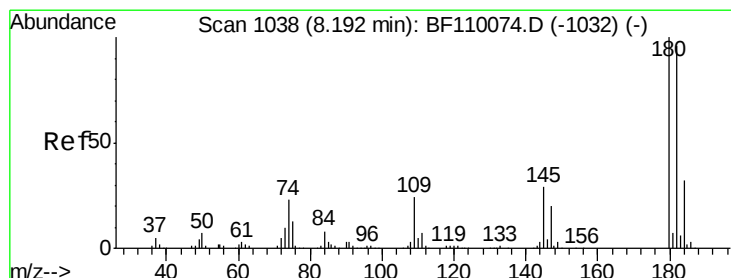
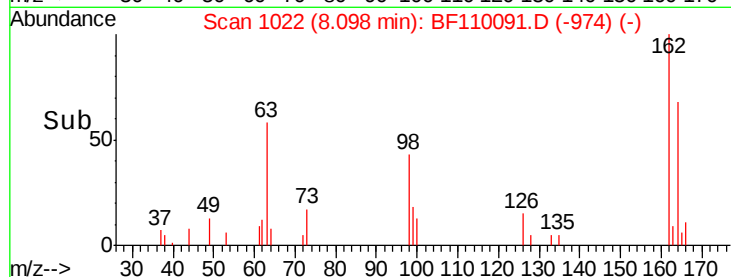
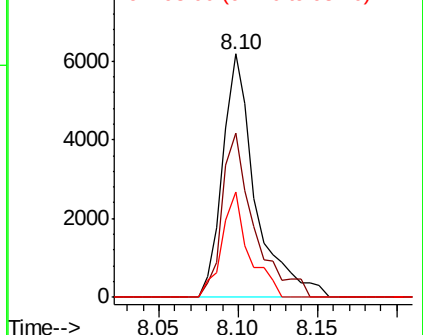
#29
 2,4-Dichlorophenol
 Concen: 0.936 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 8913
 Ion Ratio Lower Upper
 162 100
 164 67.6 44.6 84.6
 98 43.3 17.4 57.4

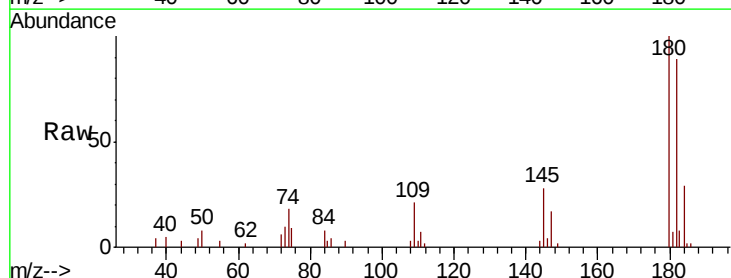


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

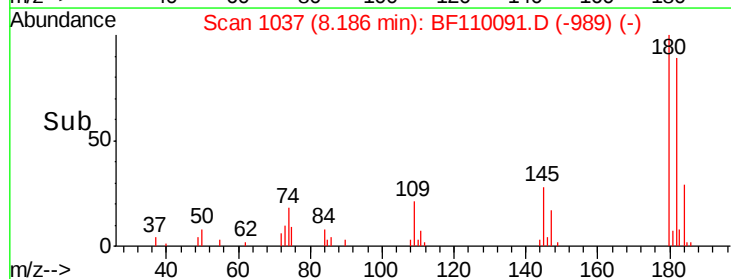
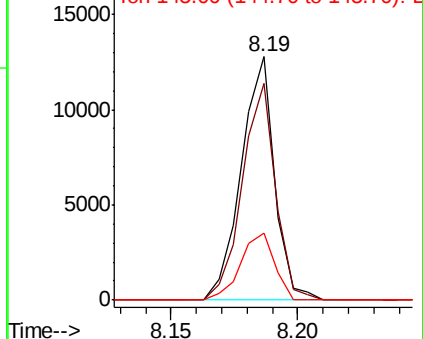


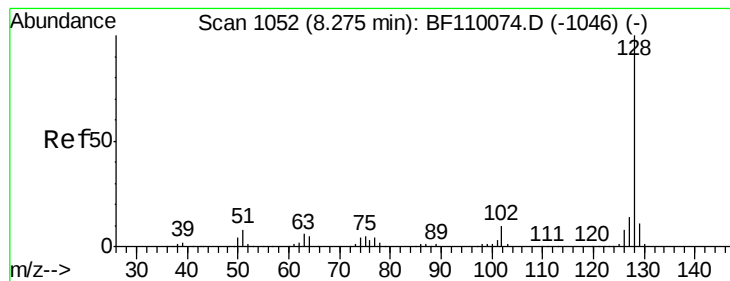
#30
 1,2,4-Trichlorobenzene
 Concen: 1.094 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:180 Resp: 11669
 Ion Ratio Lower Upper
 180 100
 182 88.8 80.3 120.5
 145 27.7 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: 1.231 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

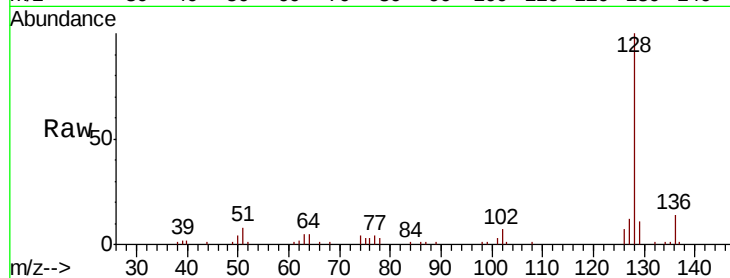
Tot Ion:128 Resp: 38919

Ion Ratio Lower Upper

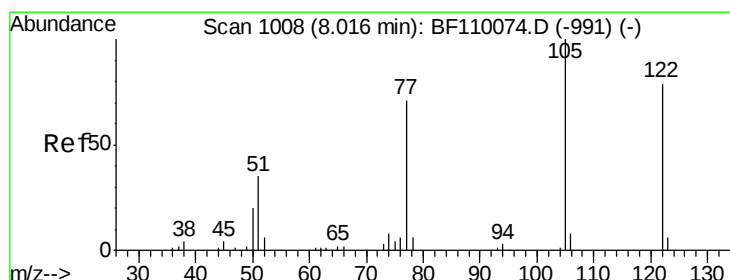
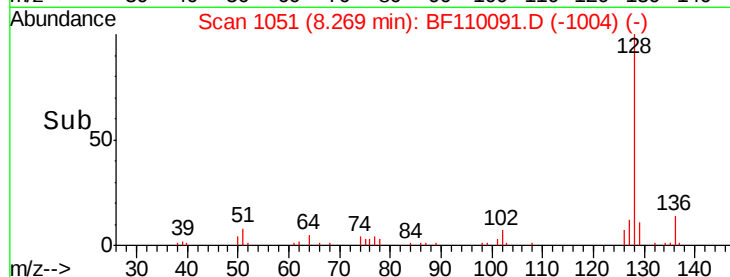
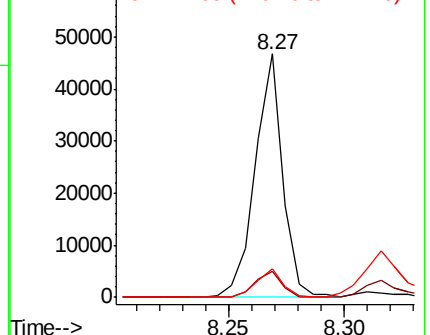
128 100

129 10.9 8.8 13.2

127 11.9 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: 0.150 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.06 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

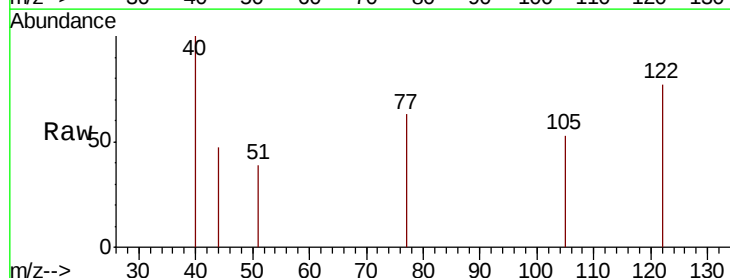
Tgt Ion:122 Resp: 1096

Ion Ratio Lower Upper

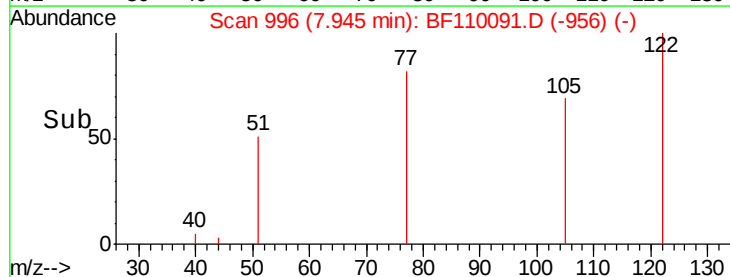
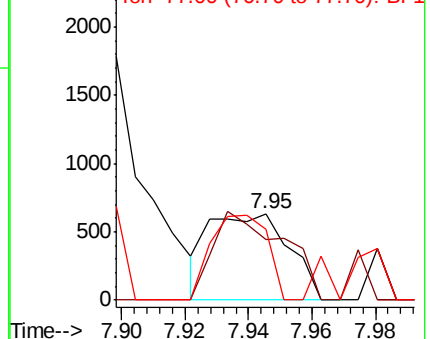
122 100

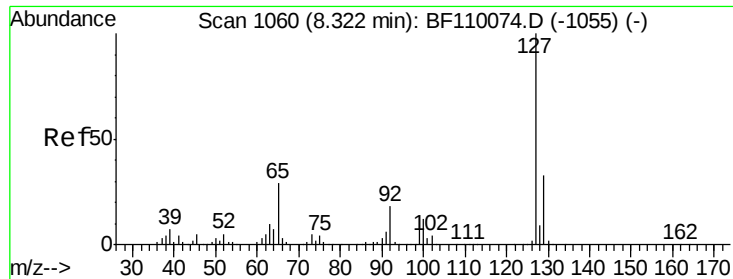
105 69.4 109.0 149.0#

77 82.2 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

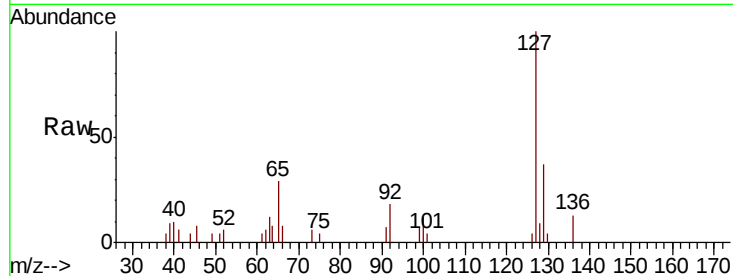




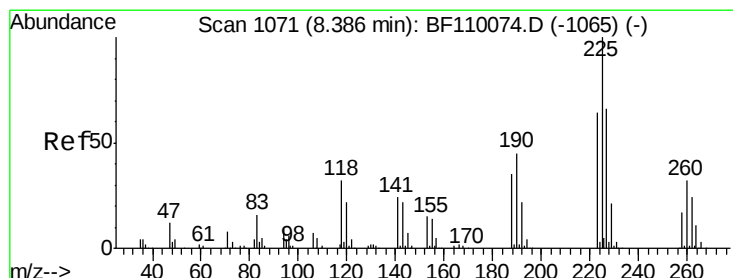
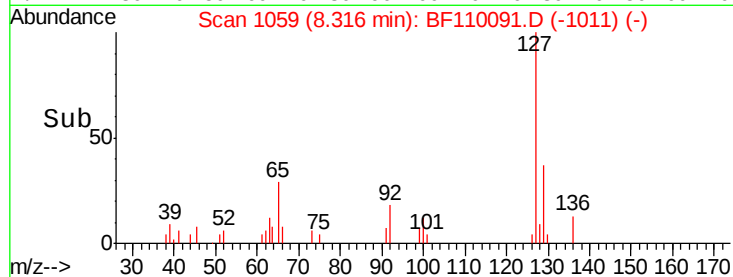
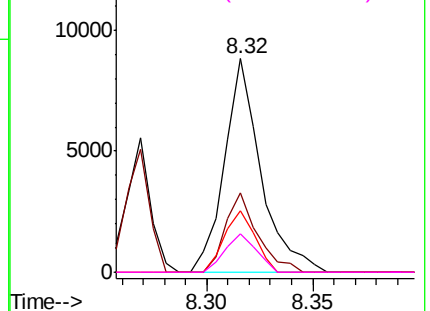
#33
4-Chloroaniline
Concen: 0.737 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	10487
Ion Ratio	Lower	Upper
127	100	
129	37.0	26.0 39.0
65	28.8	25.1 37.7
92	18.0	15.0 22.6

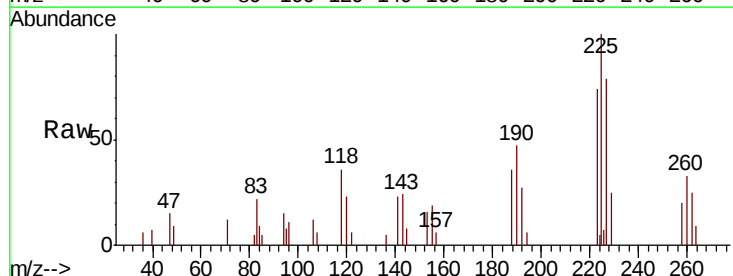


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

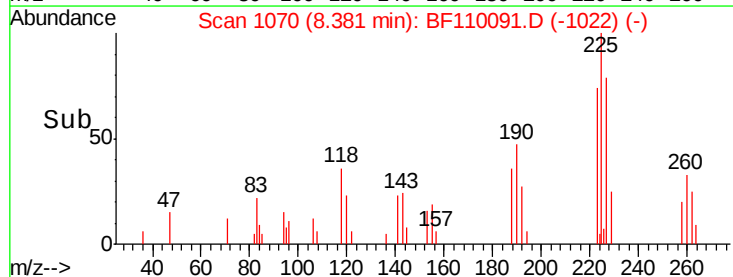
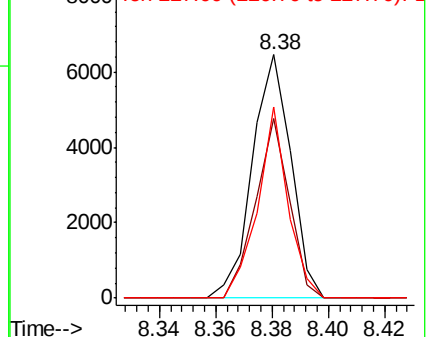


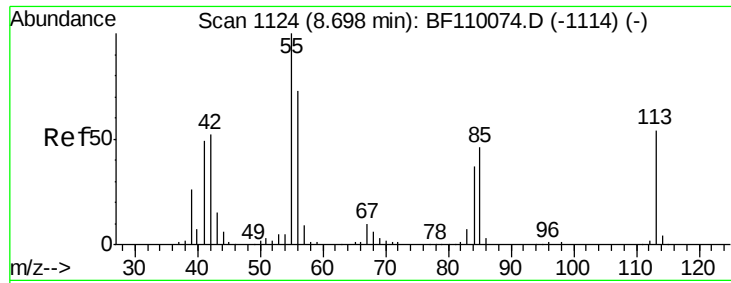
#34
Hexachlorobutadiene
Concen: 1.032 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:225	Resp:	6111
Ion Ratio	Lower	Upper
225	100	
223	73.9	51.4 77.2
227	78.6	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

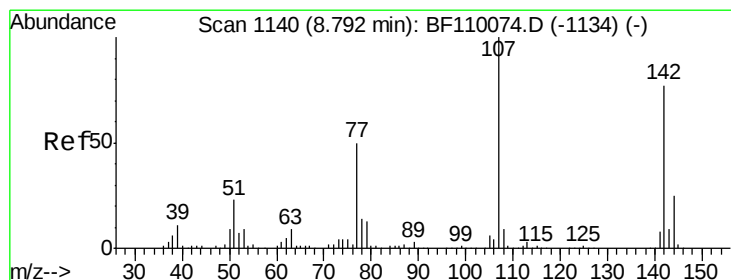
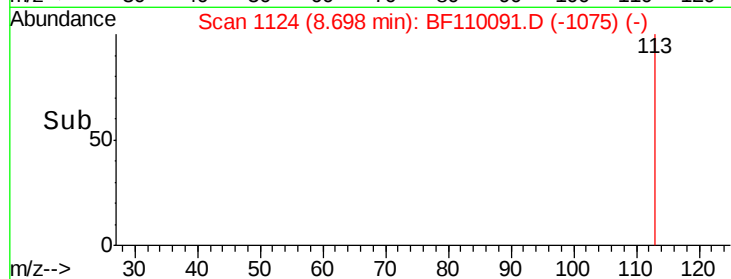
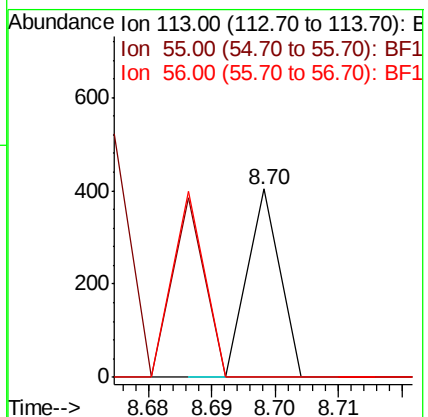
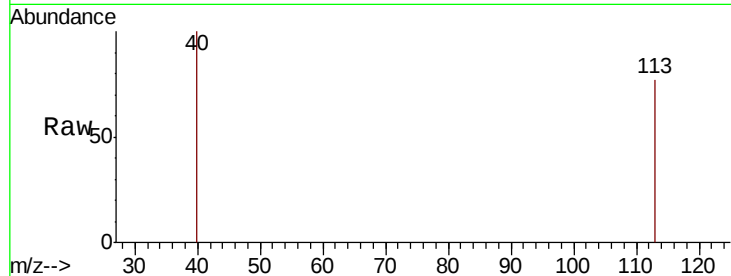




#35
 Caprolactam
 Concen: 0.043 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

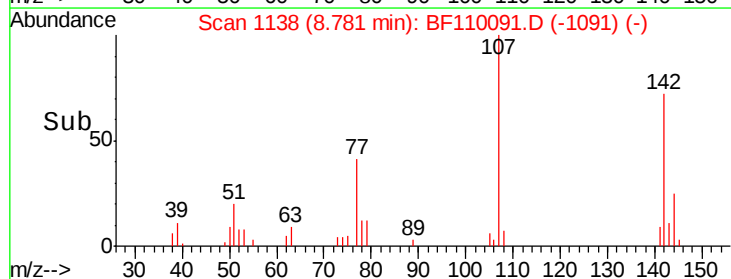
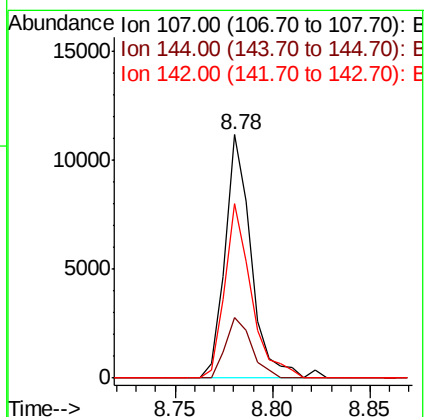
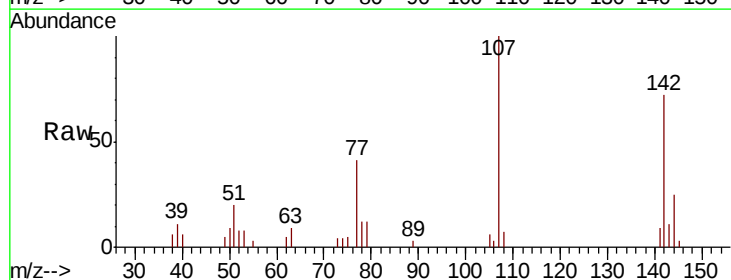
Instrument :
 BNA_F
 ClientSampleId :

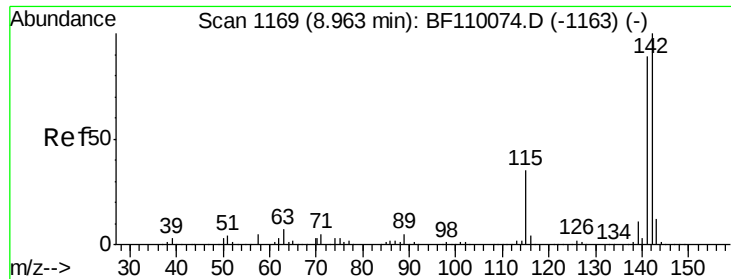
Tot Ion:113 Resp: 143
 Ion Ratio Lower Upper
 113 100
 55 0.0 142.8 182.8#
 56 0.0 105.0 145.0#



#36
 4-Chloro-3-methylphenol
 Concen: 1.009 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:107 Resp: 10391
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 71.9 59.7 89.5

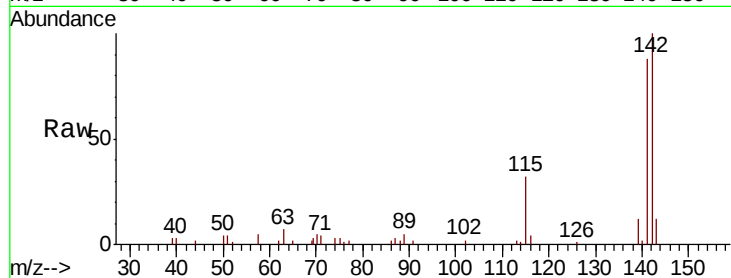




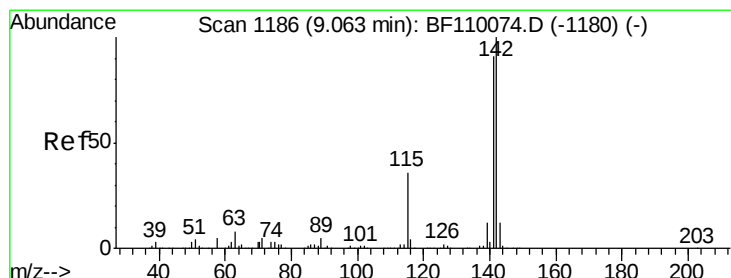
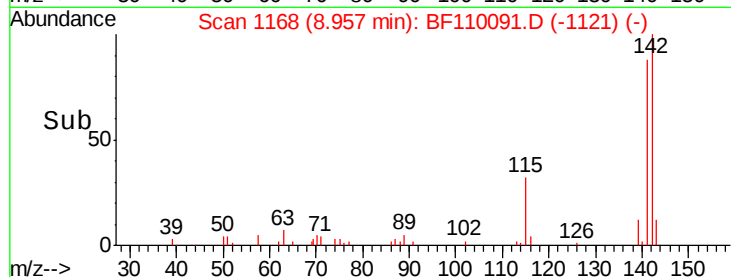
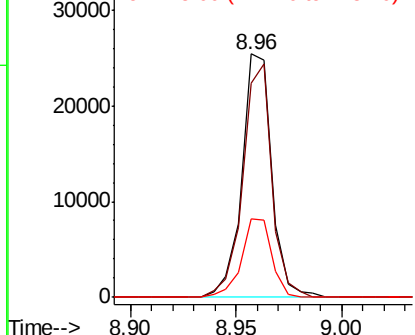
#37
2-Methylnaphthalene
Concen: 1.188 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 24858
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.2
115 32.4 28.7 43.1

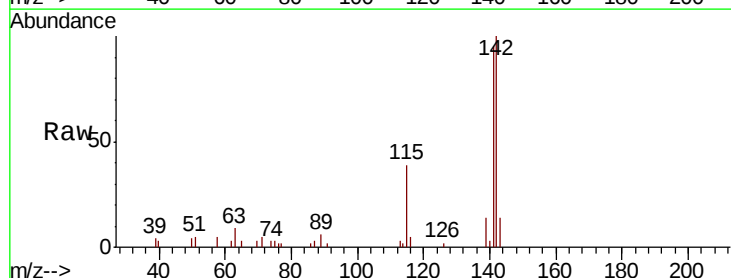


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

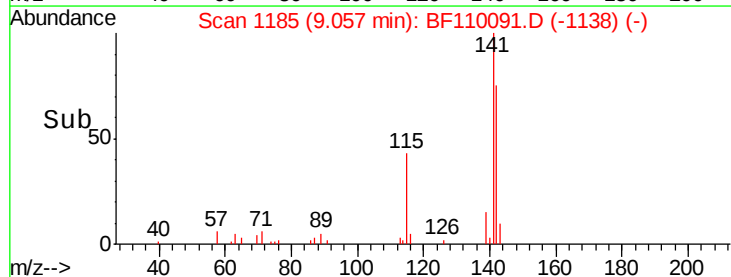
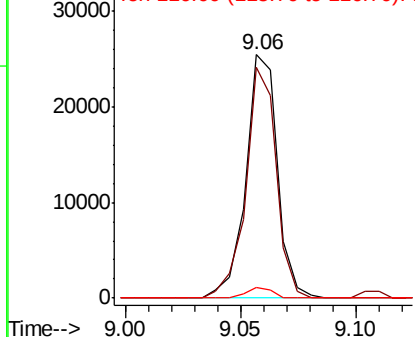


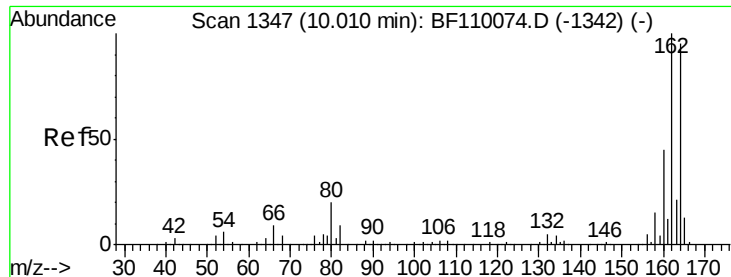
#38
1-Methylnaphthalene
Concen: 1.205 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:142 Resp: 24374
Ion Ratio Lower Upper
142 100
141 94.7 74.2 111.4
116 4.5 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

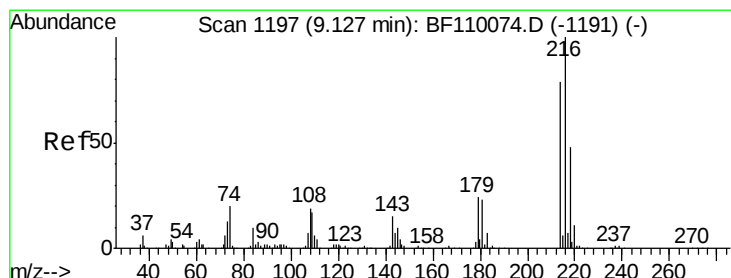
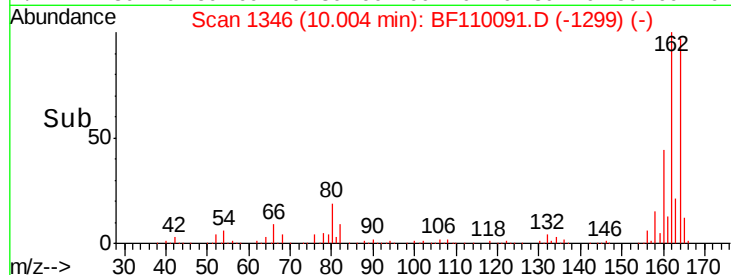
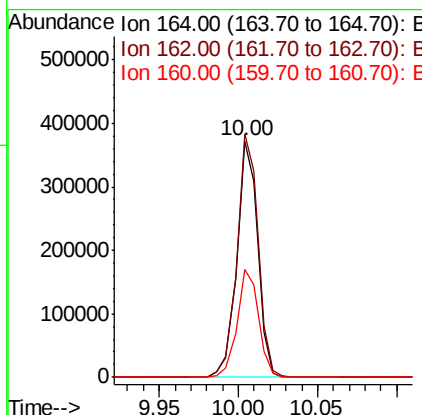
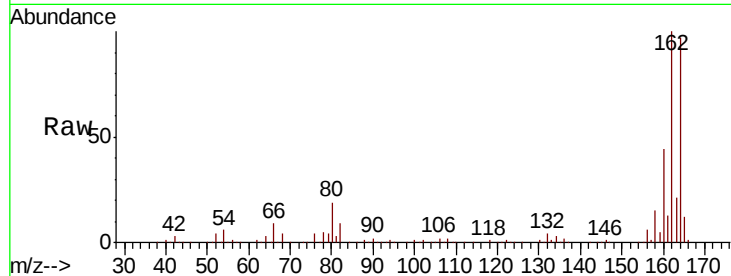




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

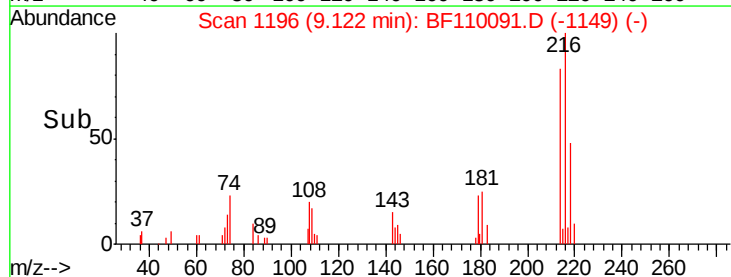
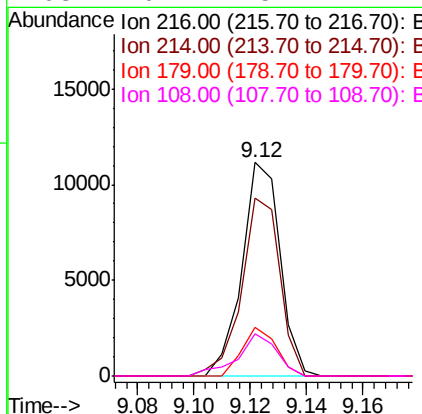
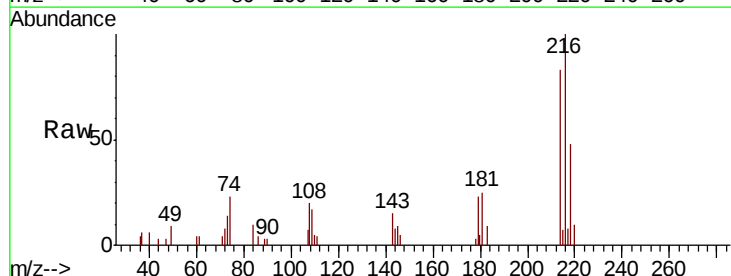
Instrument :
BNA_F
ClientSampleId :

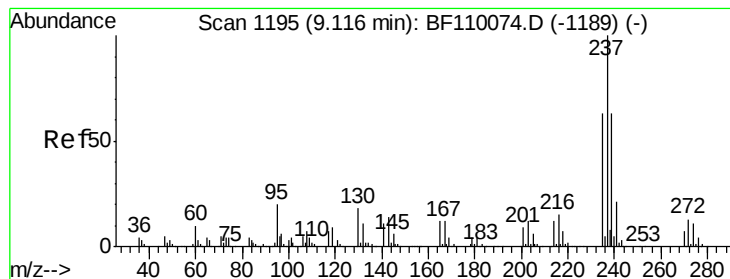
Tot Ion:164 Resp: 338093
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 45.7 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.992 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:216 Resp: 10448
Ion Ratio Lower Upper
216 100
214 83.4 63.8 95.6
179 20.1 16.6 25.0
108 20.1 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 0.824 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

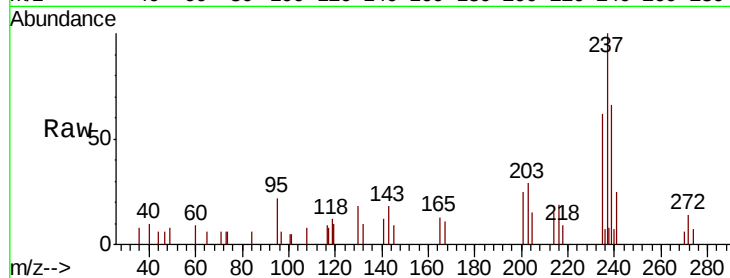
Tot Ion:237 Resp: 4436

Ion Ratio Lower Upper

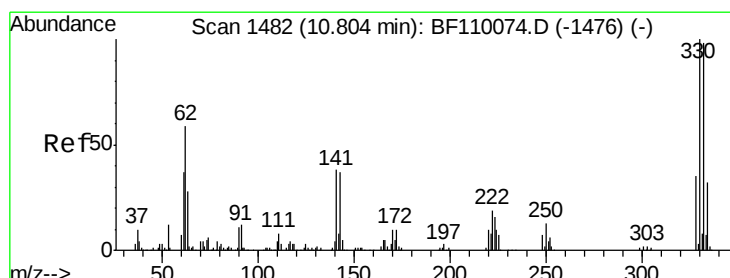
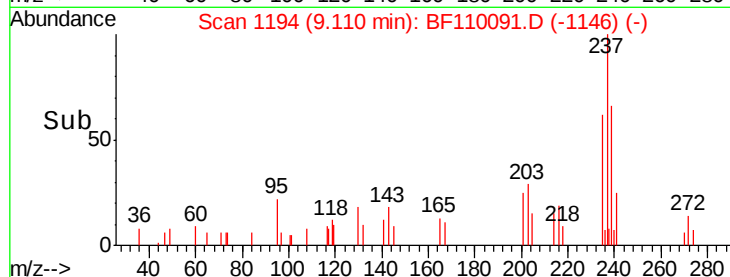
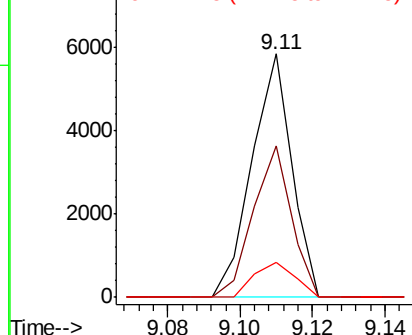
237 100

235 62.4 43.1 83.1

272 14.3 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: 129.088 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

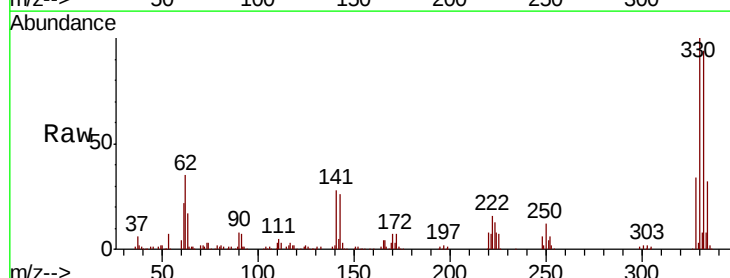
Tgt Ion:330 Resp: 432320

Ion Ratio Lower Upper

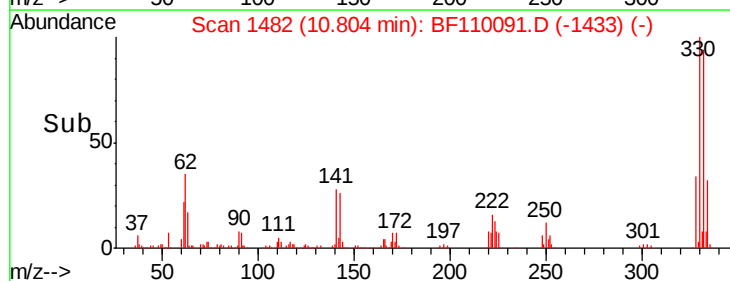
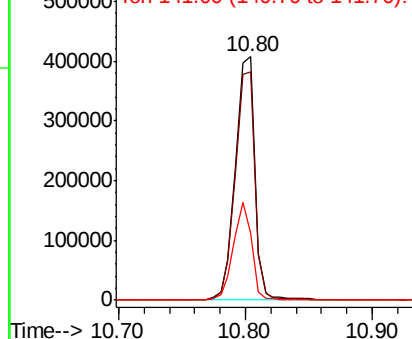
330 100

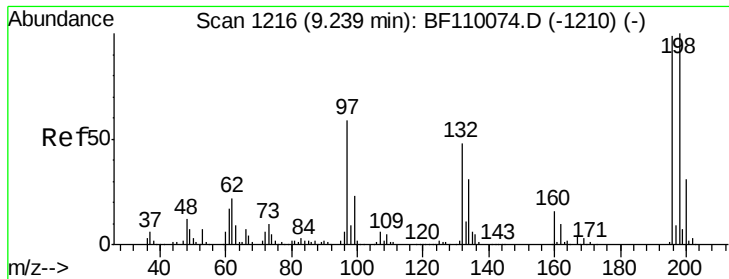
332 94.9 77.1 115.7

141 37.7 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

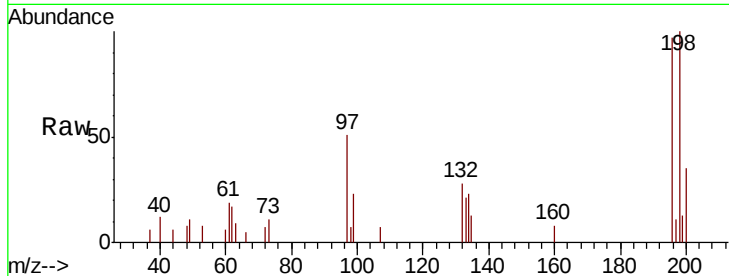




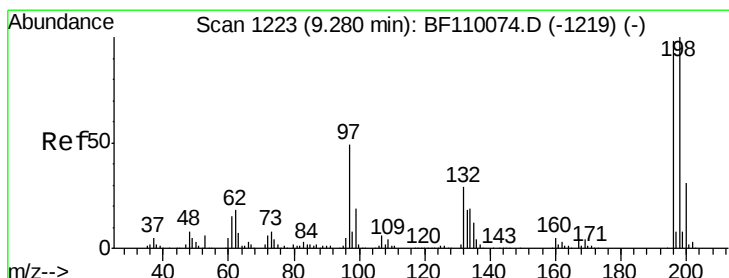
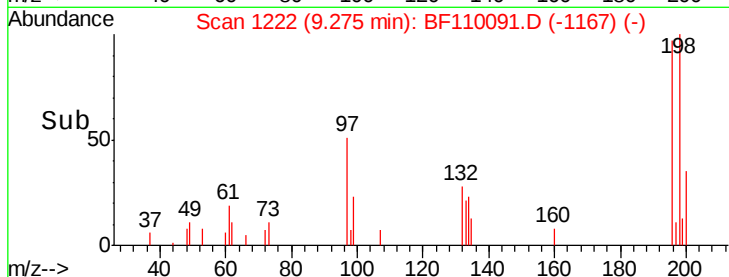
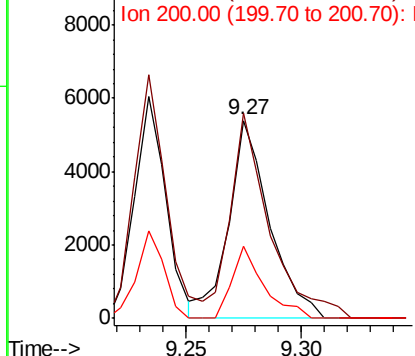
#43
 2,4,6-Trichlorophenol
 Concen: 0.976 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 6633
 Ion Ratio Lower Upper
 196 100
 198 103.4 76.2 114.4
 200 36.1 24.4 36.6



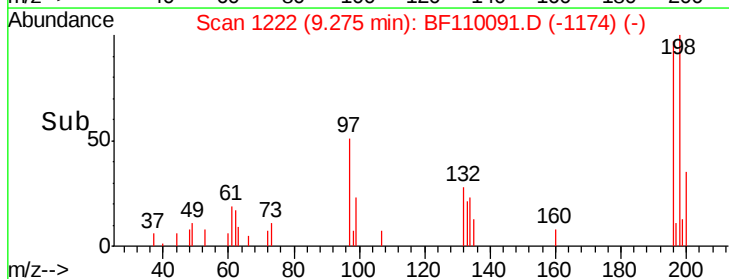
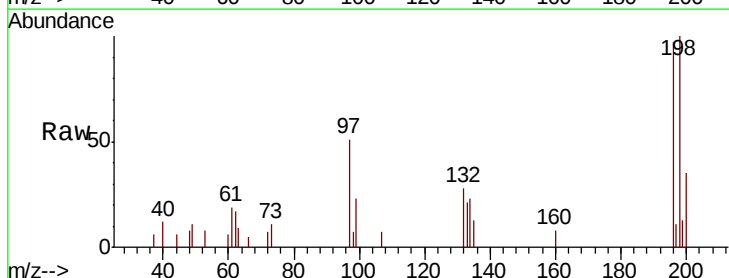
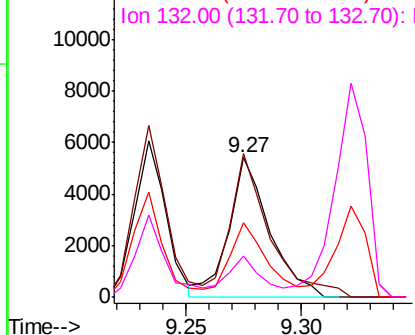
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

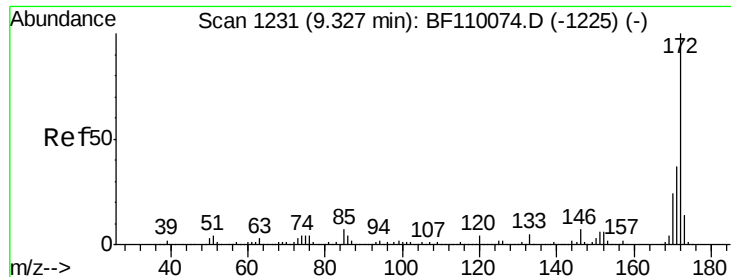


#44
 2,4,5-Trichlorophenol
 Concen: 0.924 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:196 Resp: 6633
 Ion Ratio Lower Upper
 196 100
 198 103.4 75.8 113.6
 97 53.2 42.4 63.6
 132 29.2 22.8 34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



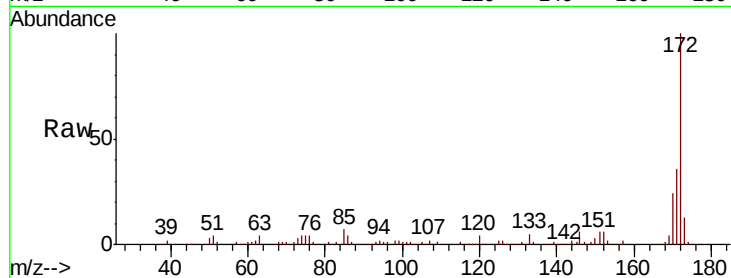


#45
 2-Fluorobiphenyl
 Concen: 81.460 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

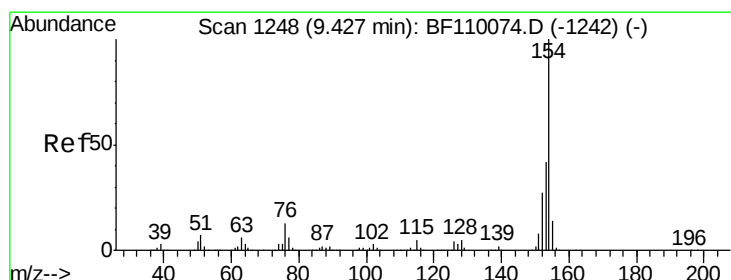
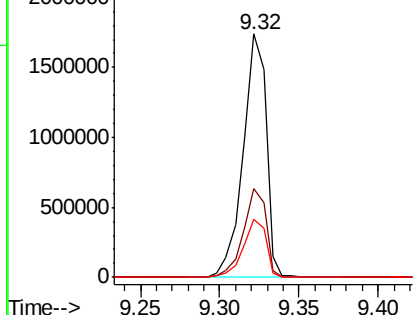
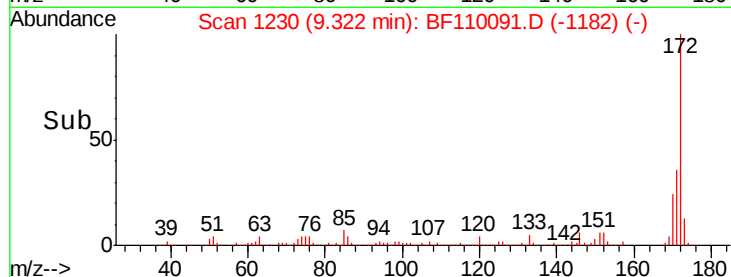
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1753923

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.8	19.7	29.5



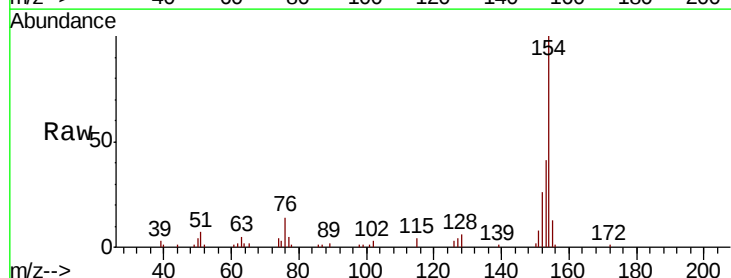
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



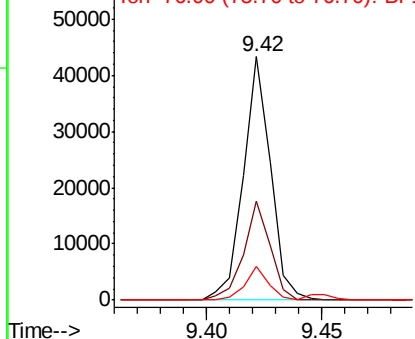
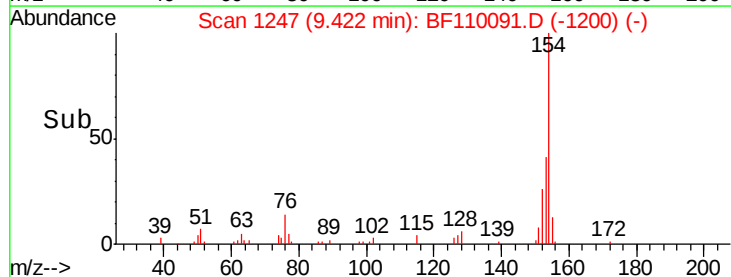
#46
 1,1'-Biphenyl
 Concen: 1.170 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

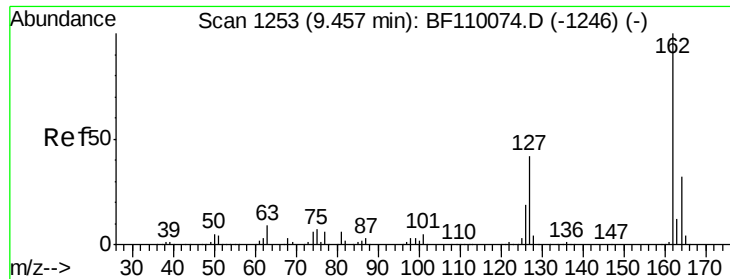
Tgt Ion:154 Resp: 35762

Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	13.9	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

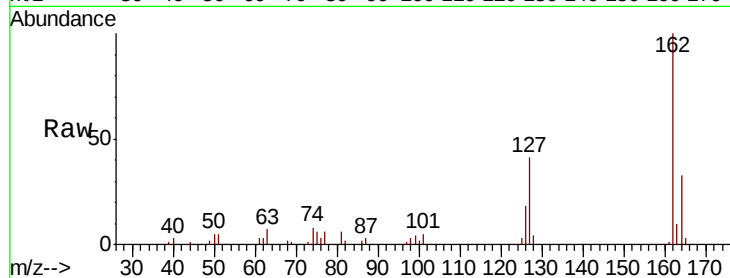




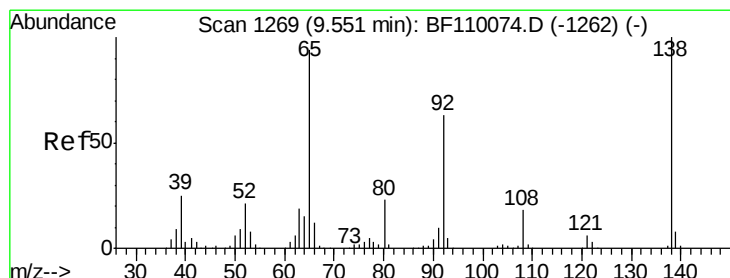
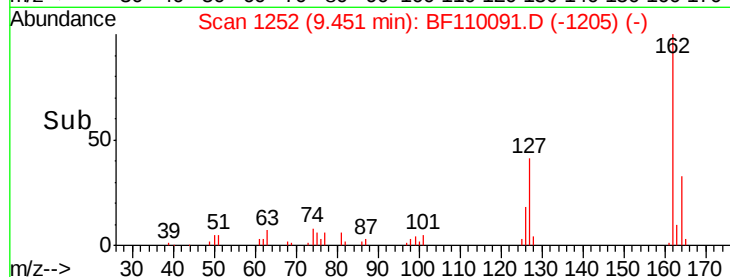
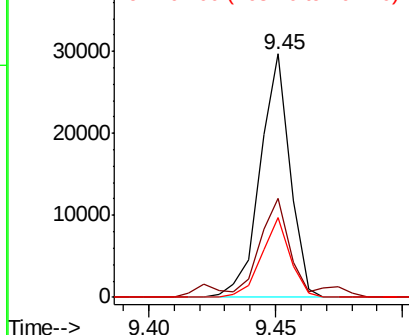
#47
 2-Chloronaphthalene
 Concen: 1.087 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 24371
 Ion Ratio Lower Upper
 162 100
 127 40.7 32.6 48.8
 164 32.7 25.9 38.9

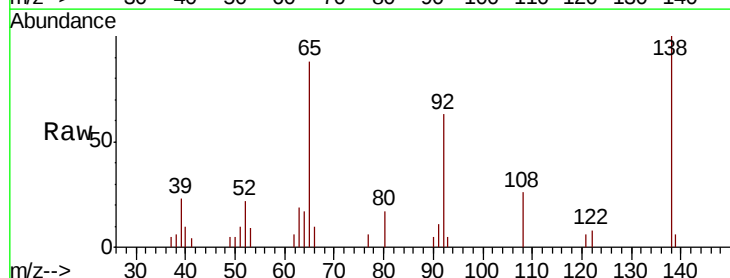


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

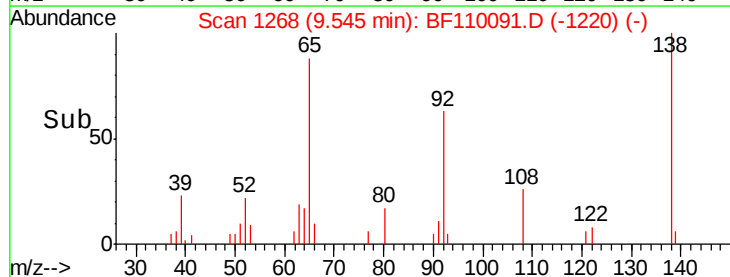
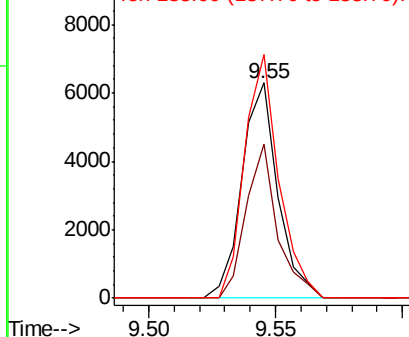


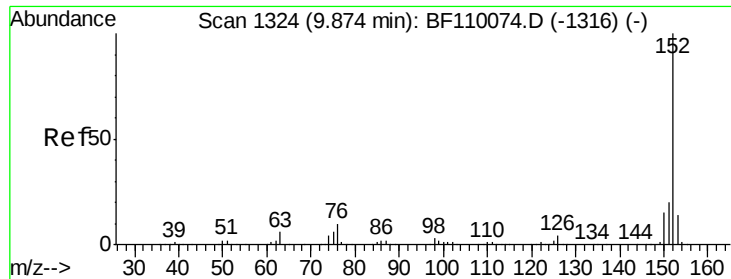
#48
 2-Nitroaniline
 Concen: 0.915 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion: 65 Resp: 6215
 Ion Ratio Lower Upper
 65 100
 92 71.4 54.6 81.8
 138 113.1 80.3 120.5



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





#49

Acenaphthylene

Concen: 1.136 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampled :

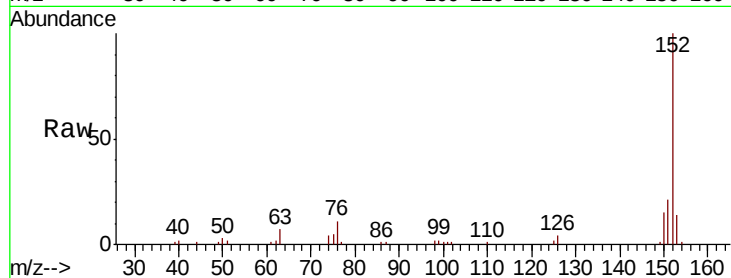
Tot Ion:152 Resp: 36784

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

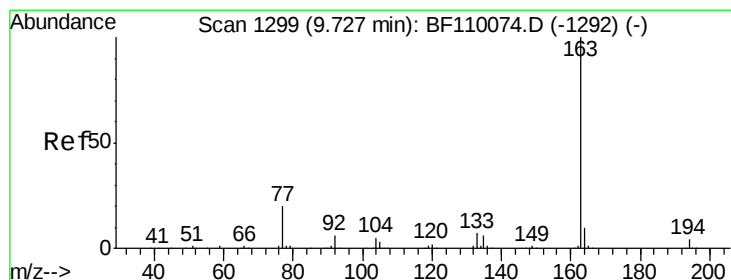
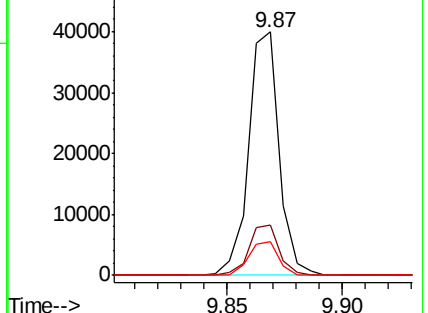
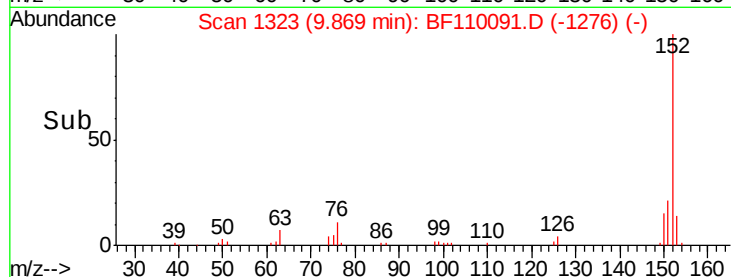
153 14.0 10.4 15.6



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: 1.105 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

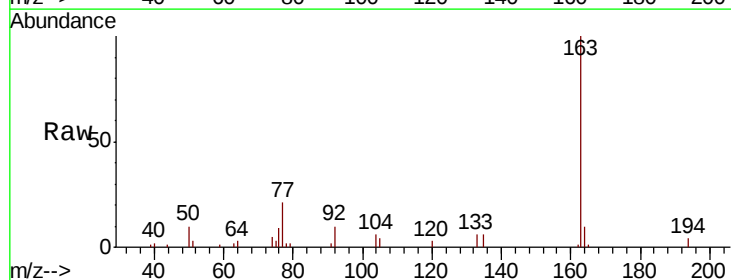
Tgt Ion:163 Resp: 27586

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

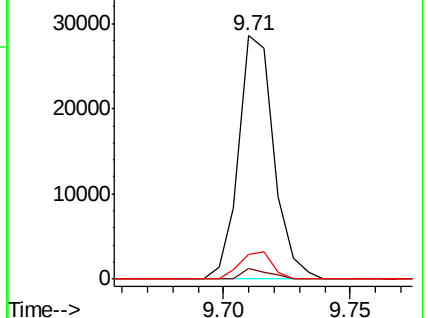
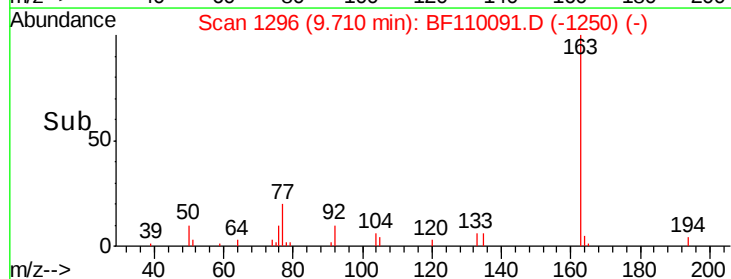
164 10.3 8.1 12.1

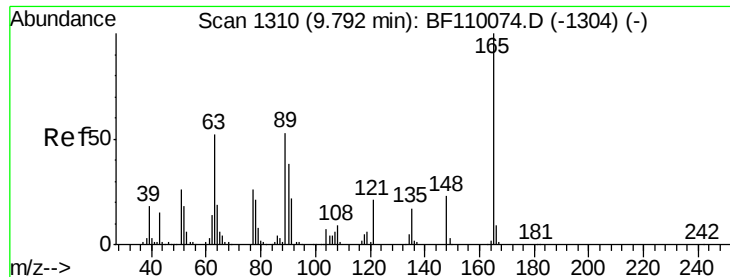


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

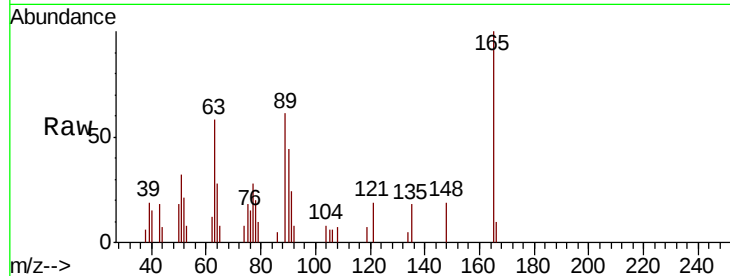




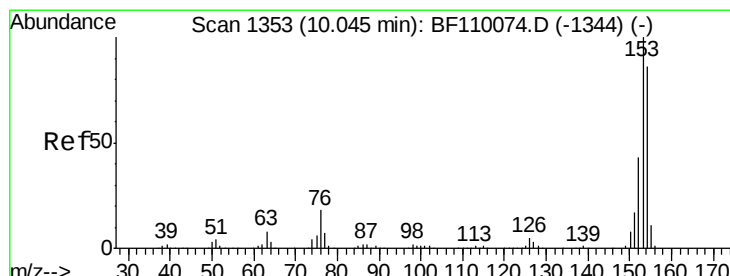
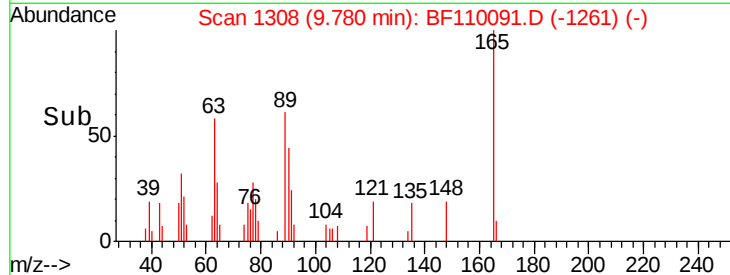
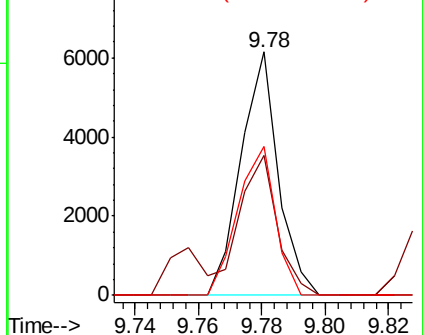
#51
2,6-Dinitrotoluene
Concen: 0.931 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 5005
Ion Ratio Lower Upper
165 100
63 57.6 48.9 73.3
89 61.3 46.6 69.8

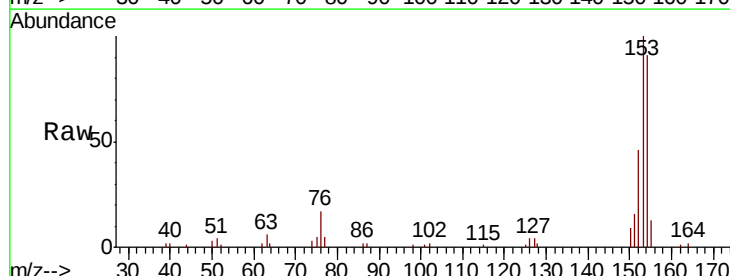


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

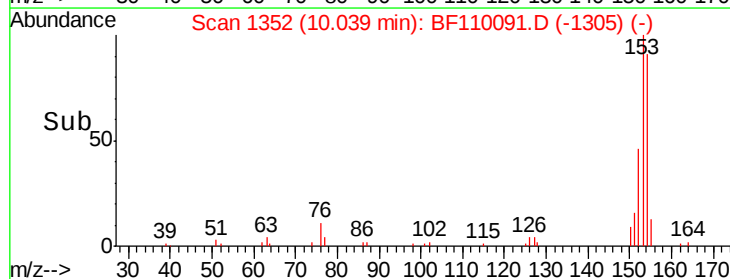
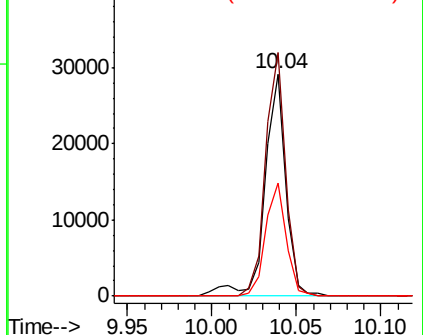


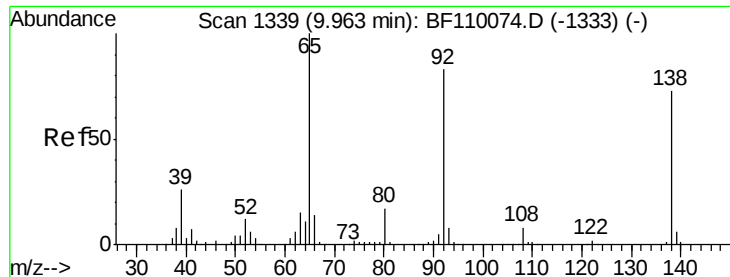
#52
Acenaphthene
Concen: 1.162 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:154 Resp: 24896
Ion Ratio Lower Upper
154 100
153 109.7 90.1 135.1
152 50.7 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

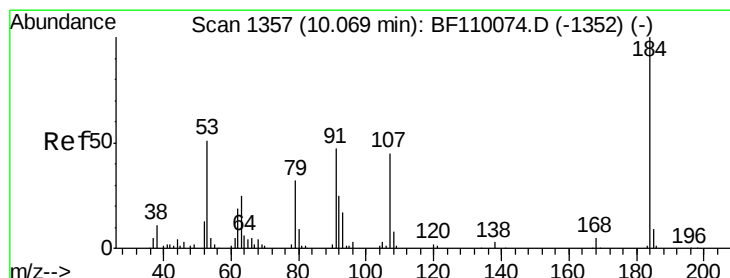
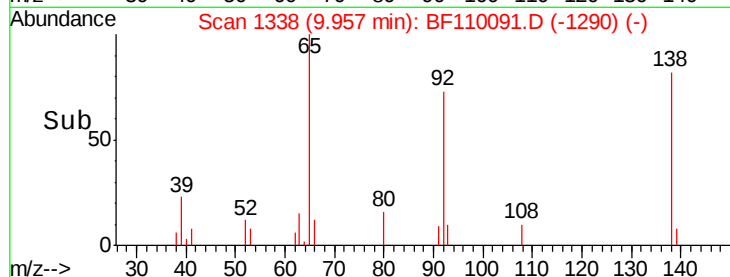
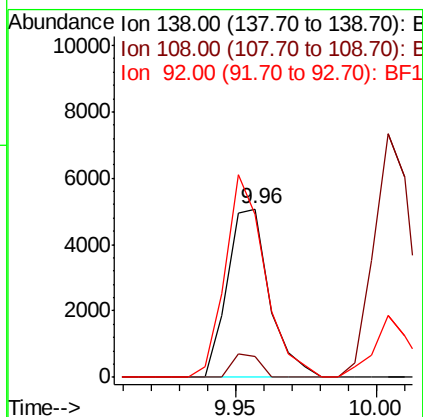
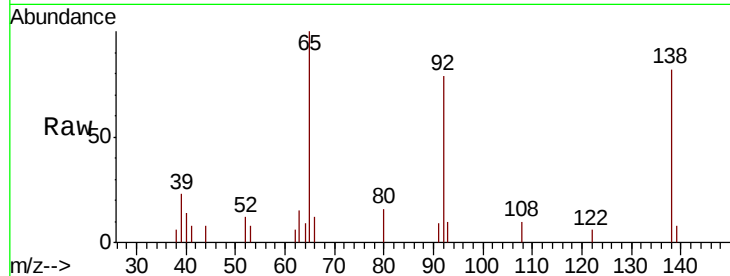




#53
3-Nitroaniline
Concen: 0.824 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

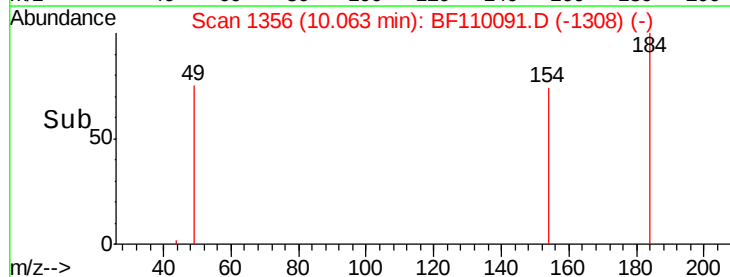
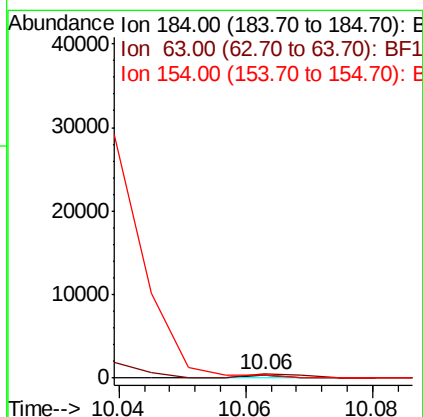
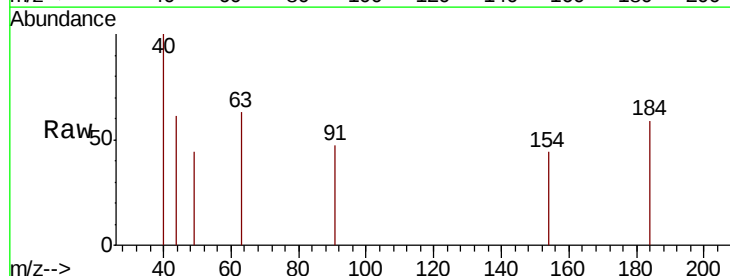
Instrument :
BNA_F
ClientSampled :

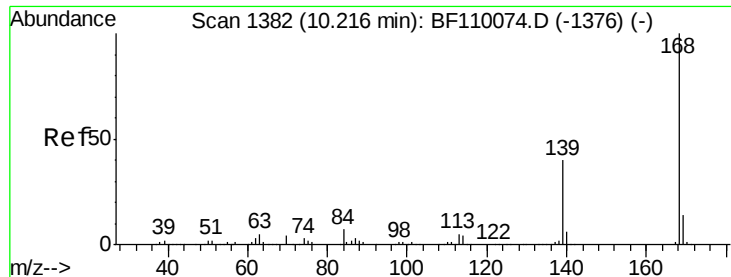
Tot Ion:138 Resp: 5265
Ion Ratio Lower Upper
138 100
108 12.2 8.7 13.1
92 96.3 97.0 145.4#



#54
2,4-Dinitrophenol
Concen: 5.241 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:184 Resp: 150
Ion Ratio Lower Upper
184 100
63 105.6 55.8 83.6#
154 73.9 63.2 94.8

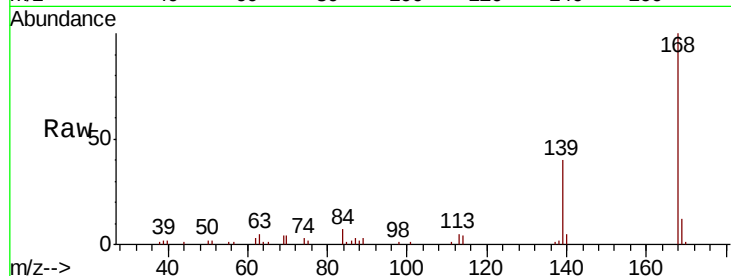




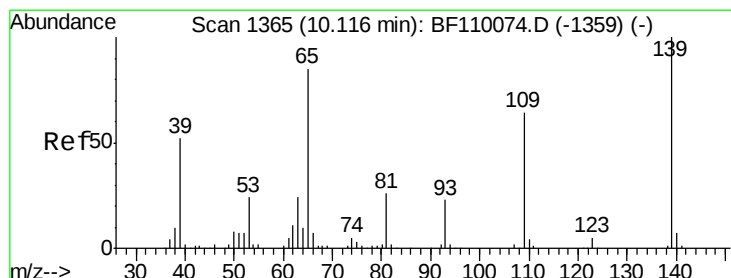
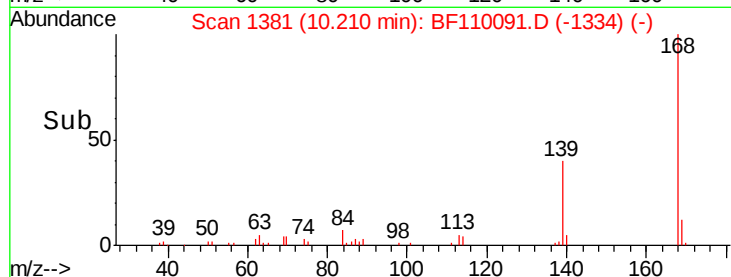
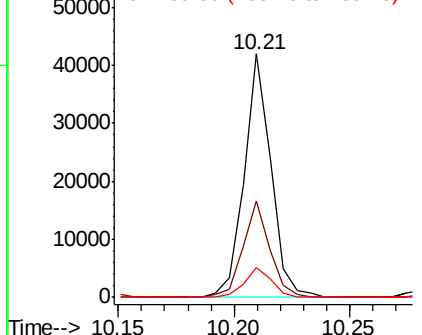
#55
Dibenzofuran
Concen: 1.133 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 33990
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 12.2 11.3 16.9

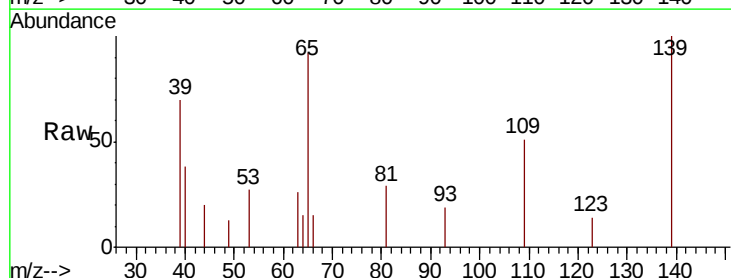


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

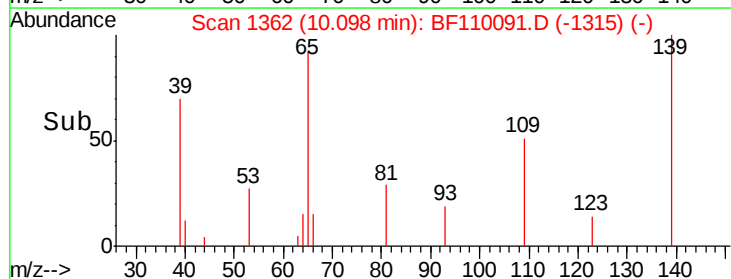
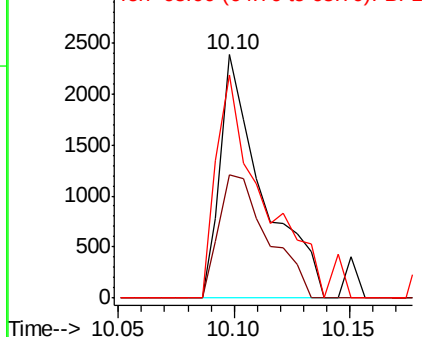


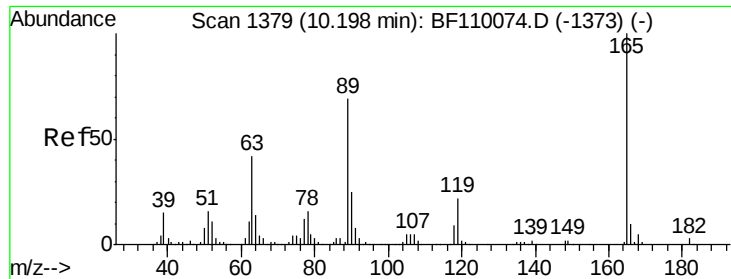
#56
4-Nitrophenol
Concen: 0.645 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:139 Resp: 3053
Ion Ratio Lower Upper
139 100
109 50.8 55.8 95.8#
65 91.7 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

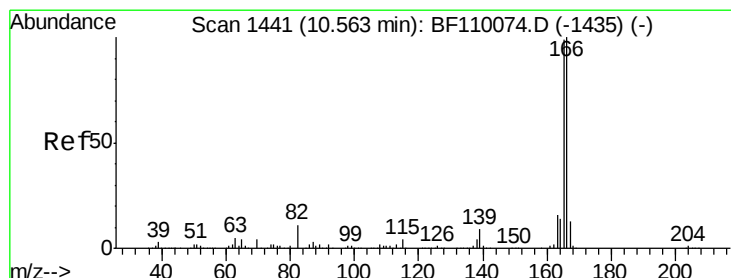
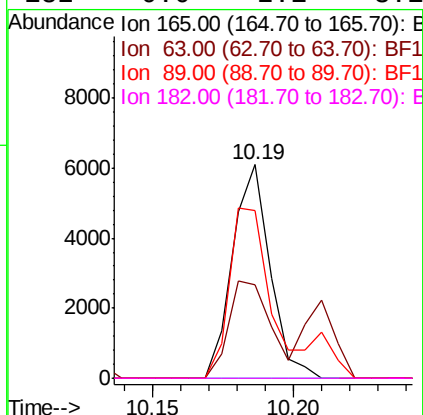
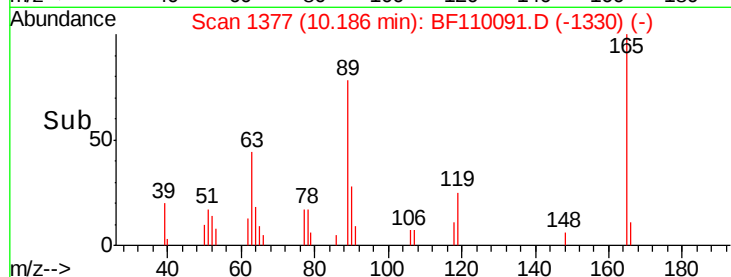
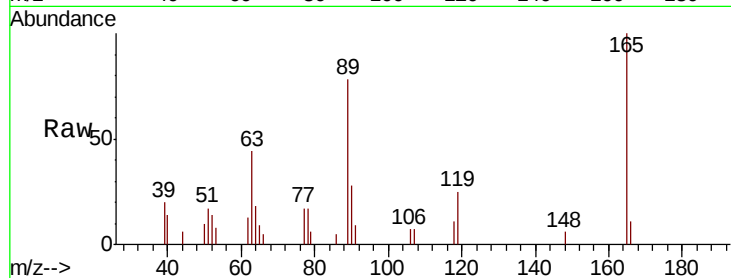




#57
2,4-Dinitrotoluene
Concen: 0.824 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

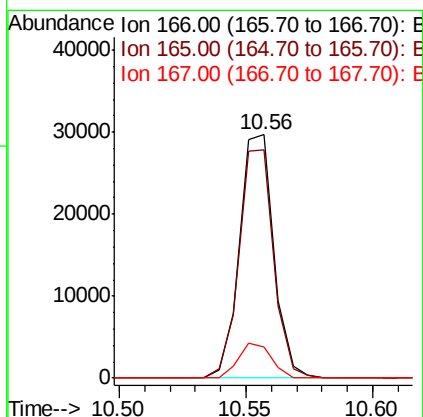
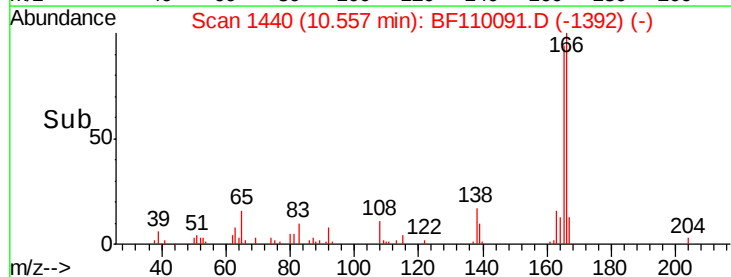
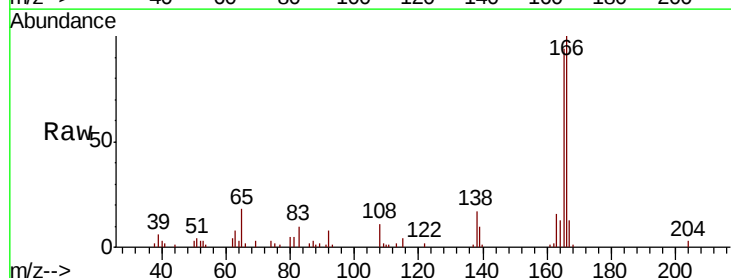
Instrument :
BNA_F
ClientSampleId :

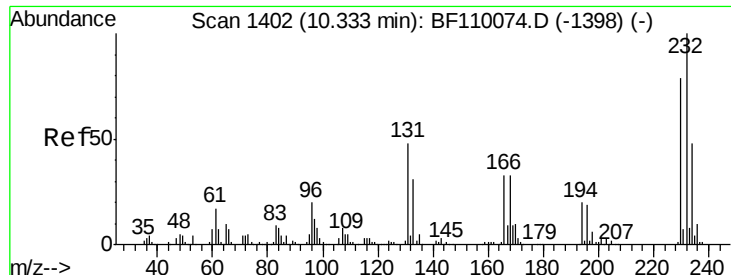
Tot Ion:165 Resp: 5626
Ion Ratio Lower Upper
165 100
63 44.0 44.8 67.2#
89 78.5 62.2 93.4
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 1.247 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:166 Resp: 27843
Ion Ratio Lower Upper
166 100
165 93.8 78.6 117.8
167 12.8 10.8 16.2

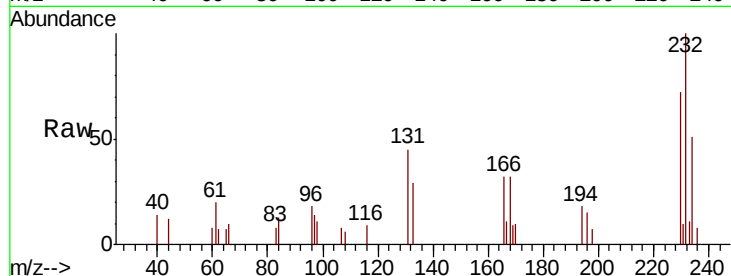




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.887 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.4
130	0.0	1.8	2.6
166	29.0	22.0	33.0



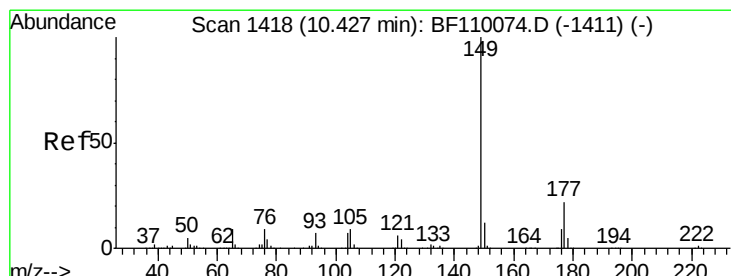
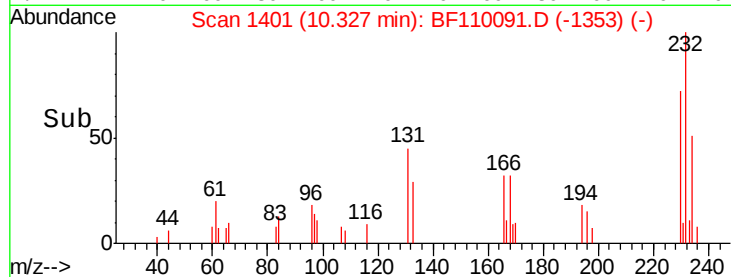
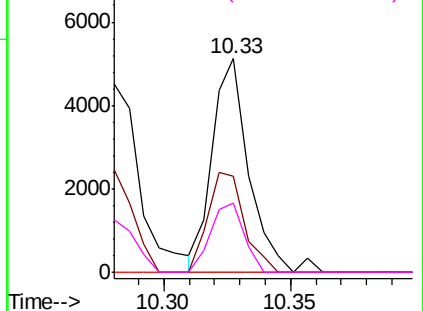
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

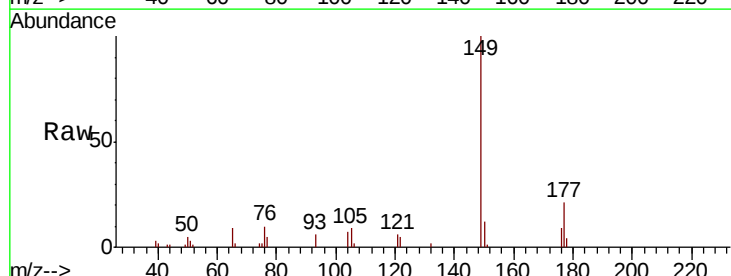
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 1.086 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	11.7	9.8	14.8

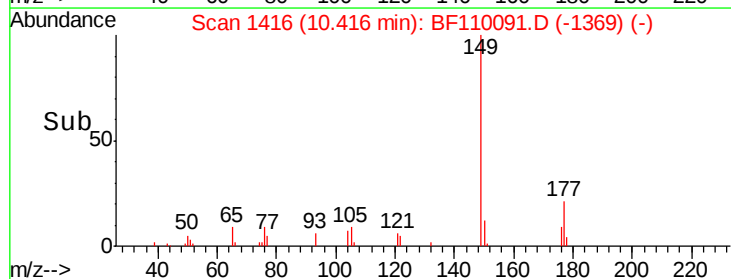
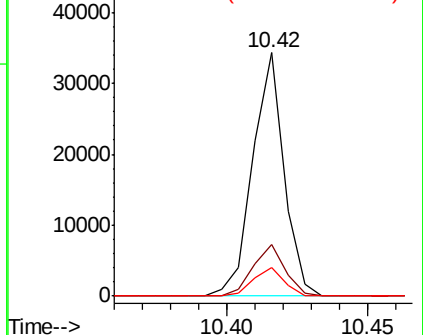


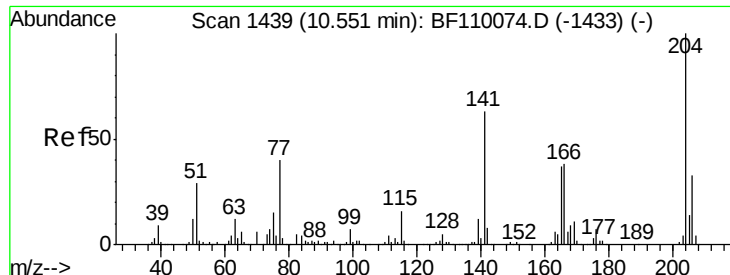
Abundance

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

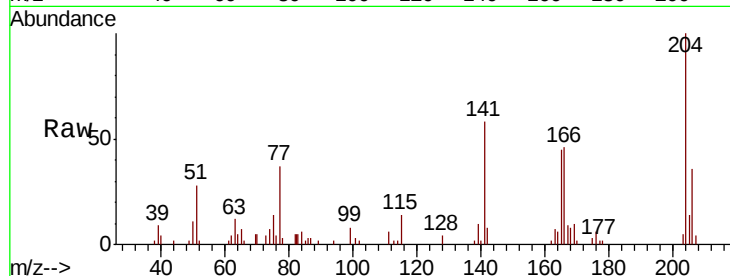




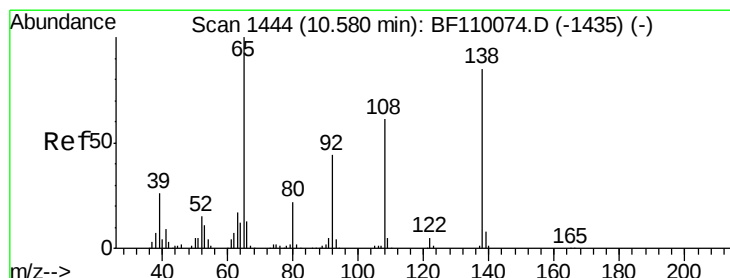
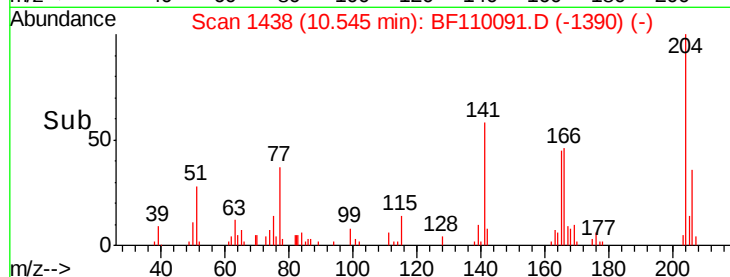
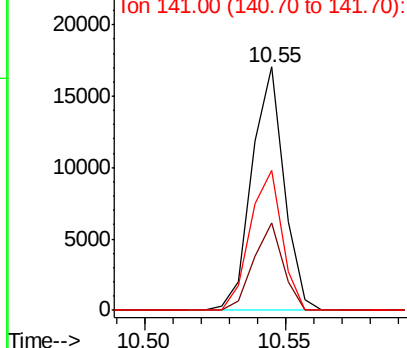
#61
4-Chlorophenyl-phenylether
Concen: 1.144 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 13477
Ion Ratio Lower Upper
204 100
206 36.1 26.5 39.7
141 57.6 51.8 77.8

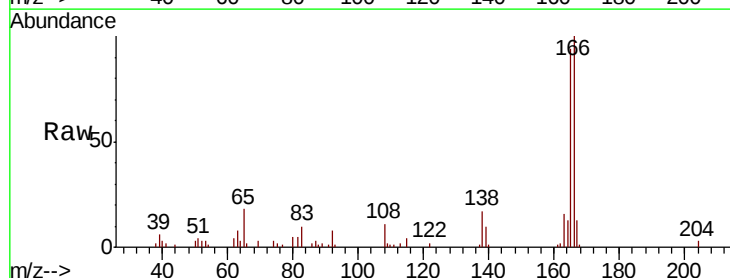


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

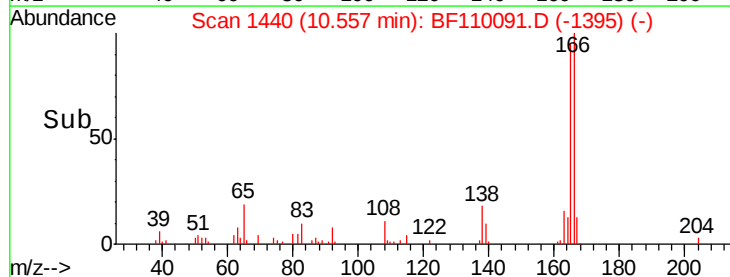
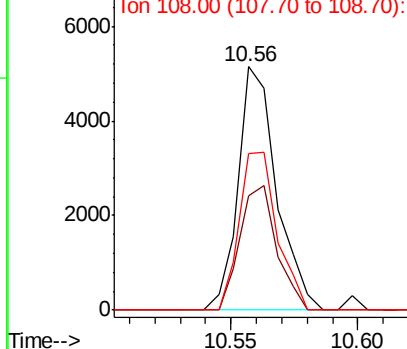


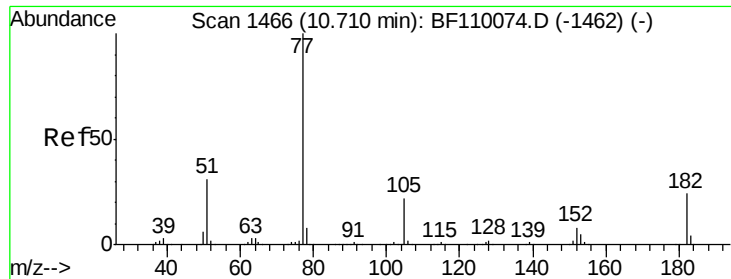
#62
4-Nitroaniline
Concen: 0.851 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.04 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:138 Resp: 5413
Ion Ratio Lower Upper
138 100
92 46.9 31.7 71.7
108 64.3 59.3 99.3



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

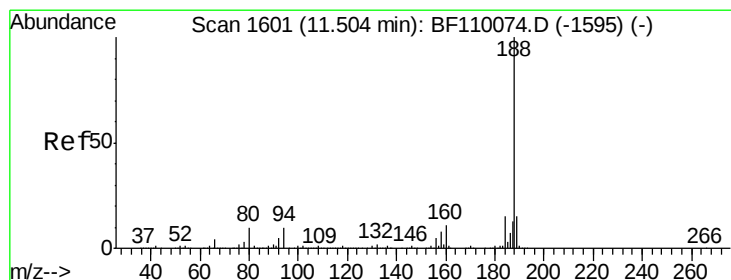
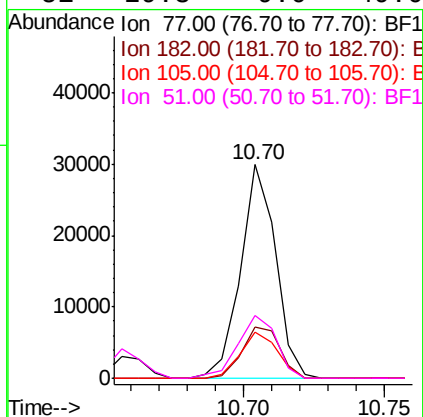
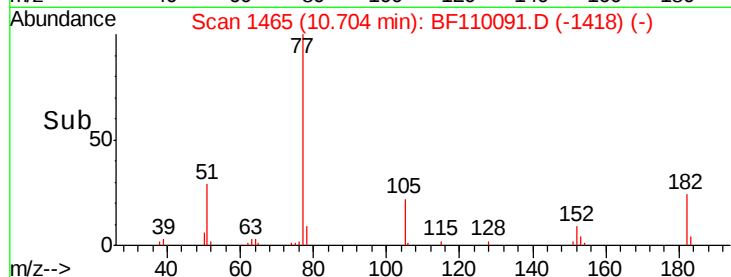
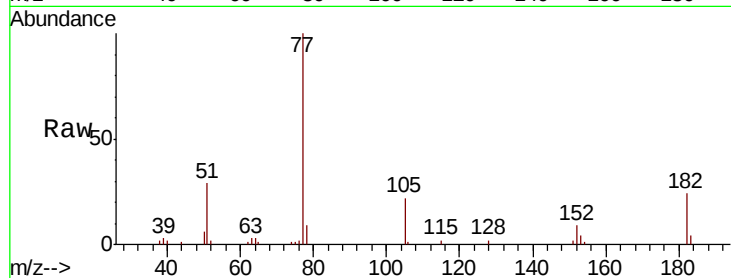




#63
Azobenzene
Concen: 1.068 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

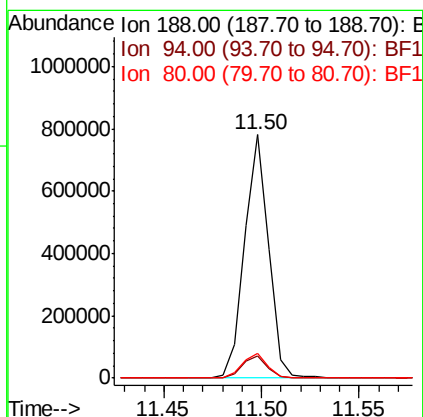
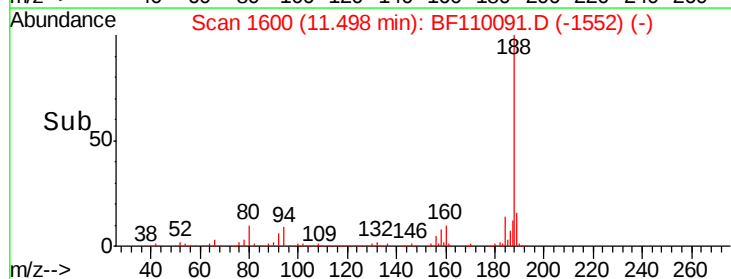
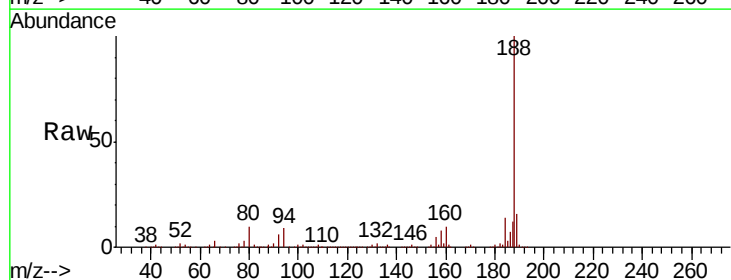
Instrument :
BNA_F
ClientSampleId :

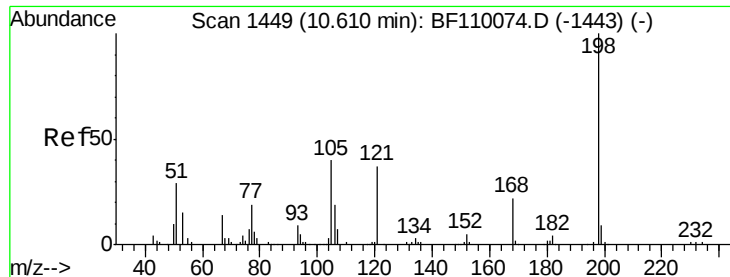
Tot Ion:	77	Resp:	25827
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.3	44.3
105	21.8	1.3	41.3
51	29.3	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:	188	Resp:	667296
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.0	7.9	11.9

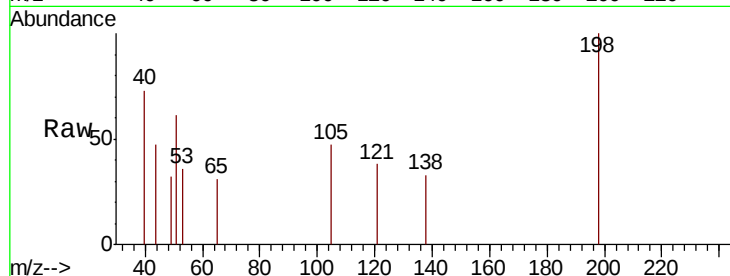




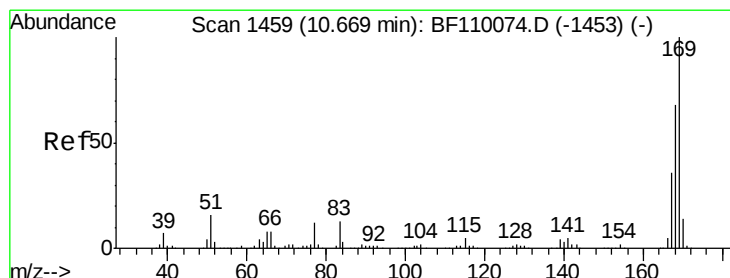
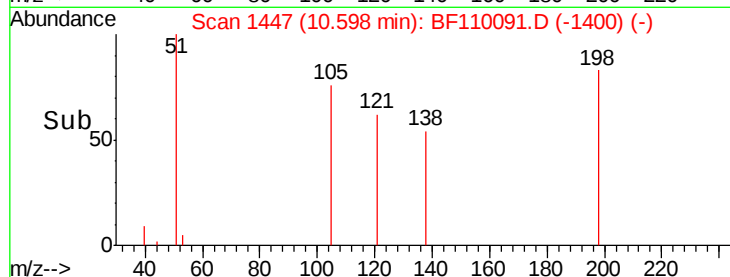
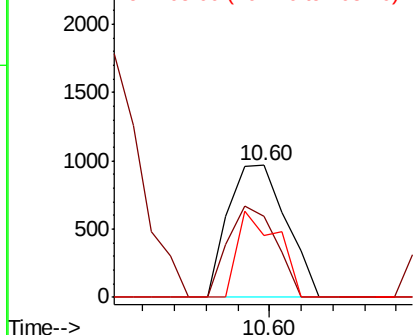
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.404 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1231
 Ion Ratio Lower Upper
 198 100
 51 61.3 22.8 62.8
 105 46.6 23.6 63.6

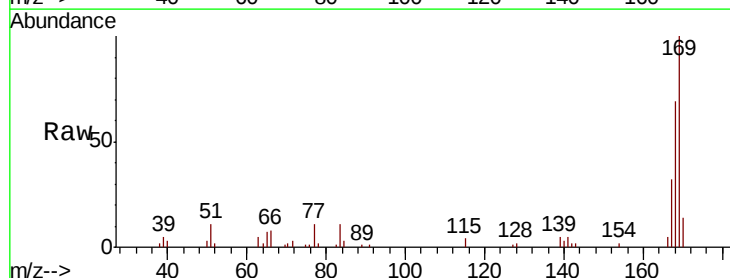


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

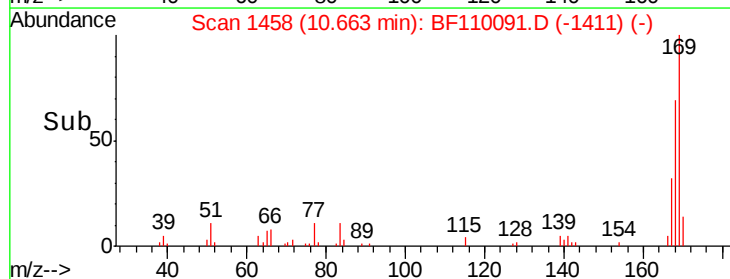
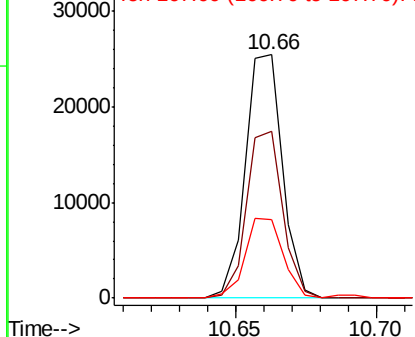


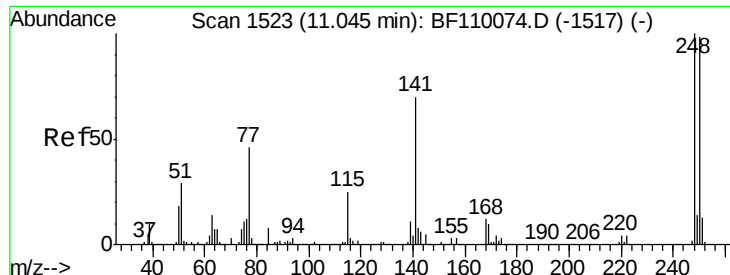
#66
 n-Nitrosodiphenylamine
 Concen: 1.062 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:169 Resp: 23245
 Ion Ratio Lower Upper
 169 100
 168 68.7 51.2 76.8
 167 32.4 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

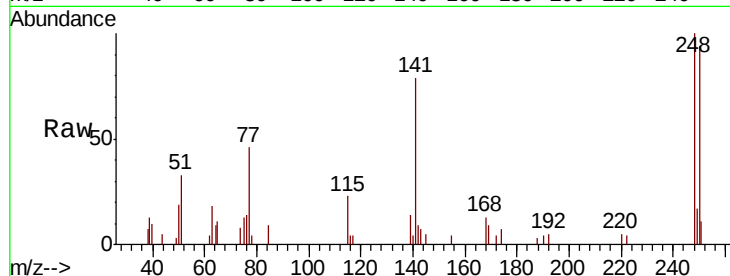




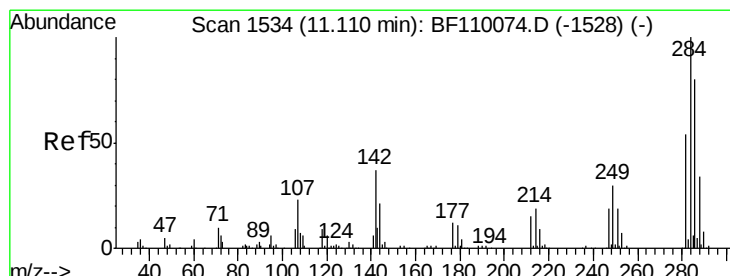
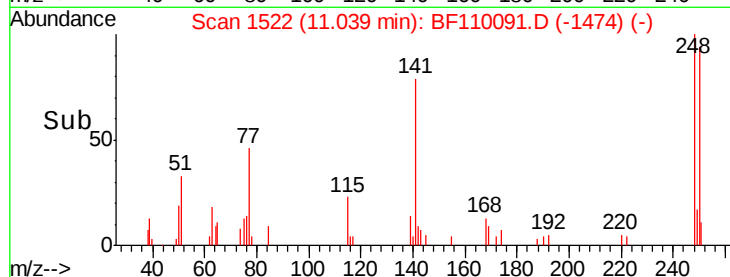
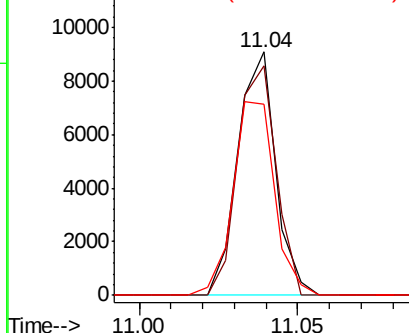
#67
4-Bromophenyl-phenylether
Concen: 1.036 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7500
Ion Ratio Lower Upper
248 100
250 94.4 79.4 119.2
141 78.6 55.9 83.9

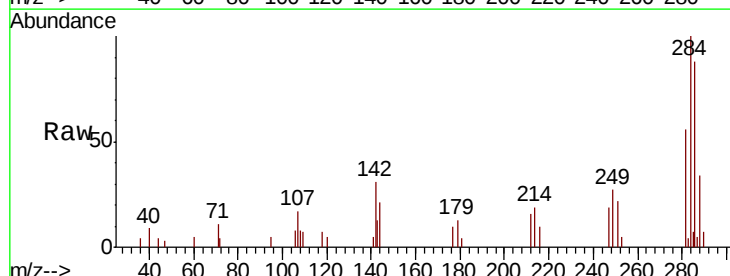


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

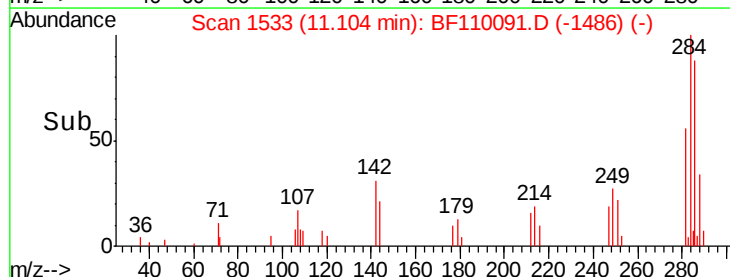
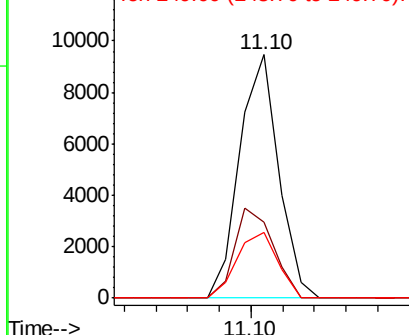


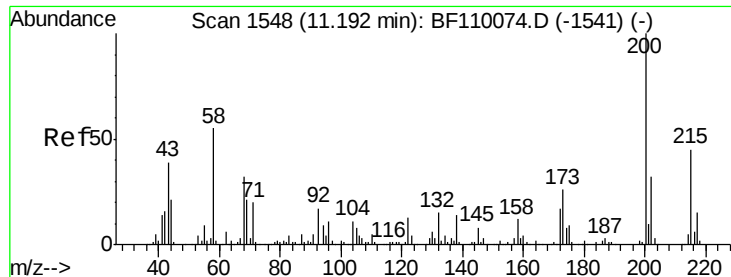
#68
Hexachlorobenzene
Concen: 1.050 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:284 Resp: 8062
Ion Ratio Lower Upper
284 100
142 31.4 23.9 35.9
249 27.1 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

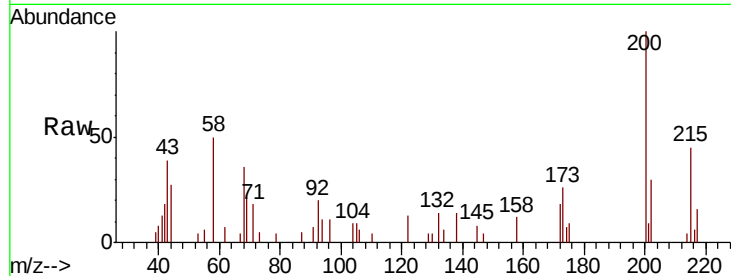




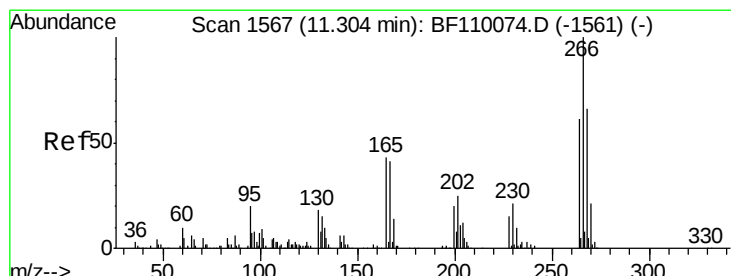
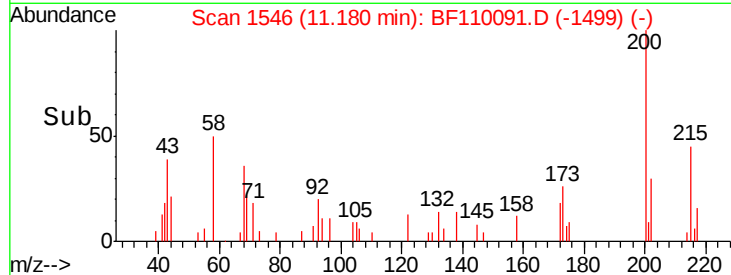
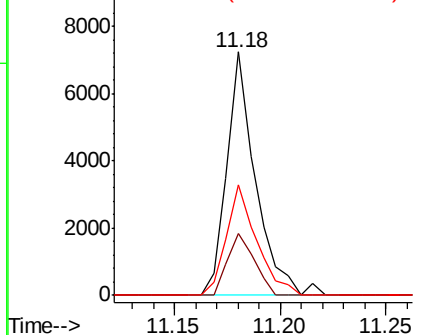
#69
 Atrazine
 Concen: 0.986 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 6820
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.6 46.6
 215 45.1 26.3 66.3

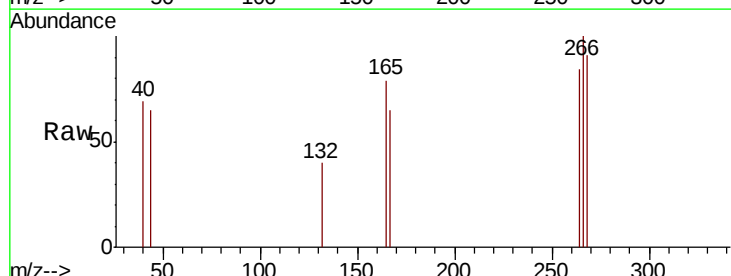


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

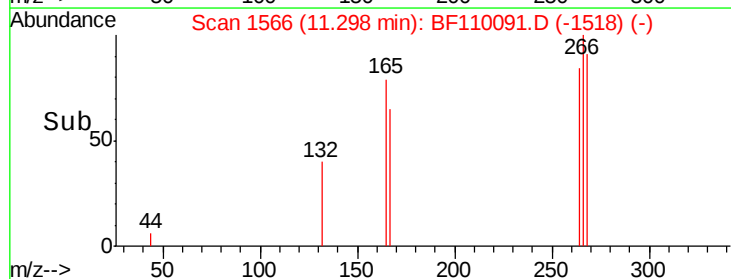
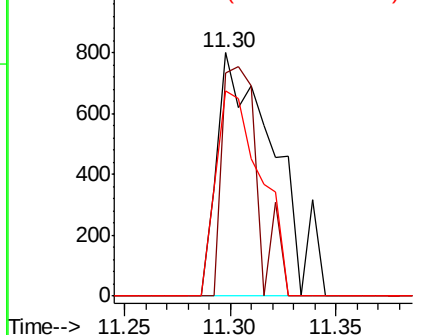


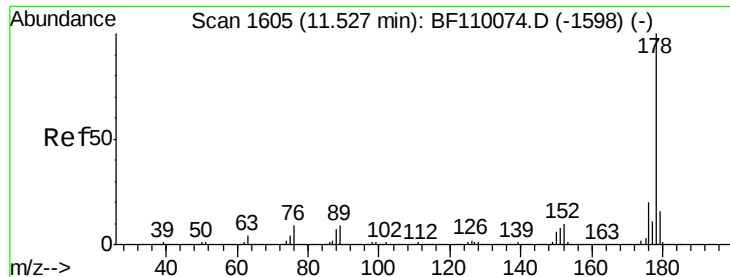
#70
 Pentachlorophenol
 Concen: 0.336 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:266 Resp: 1503
 Ion Ratio Lower Upper
 266 100
 268 91.4 50.6 75.8#
 264 84.4 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

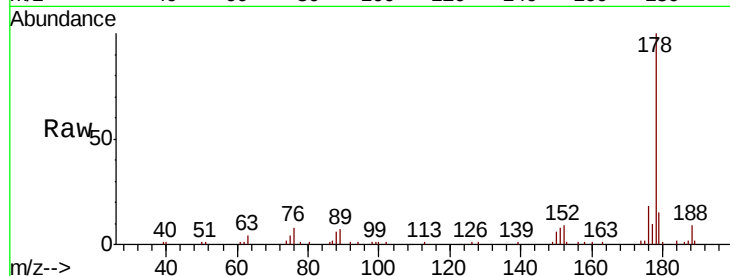




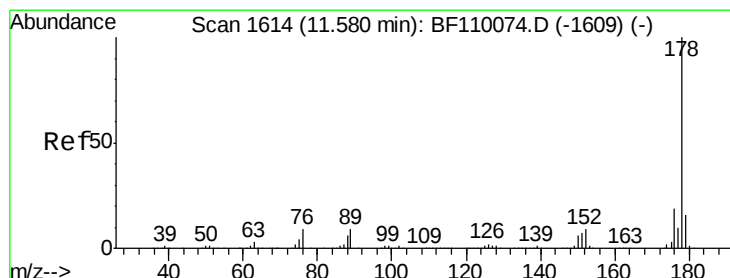
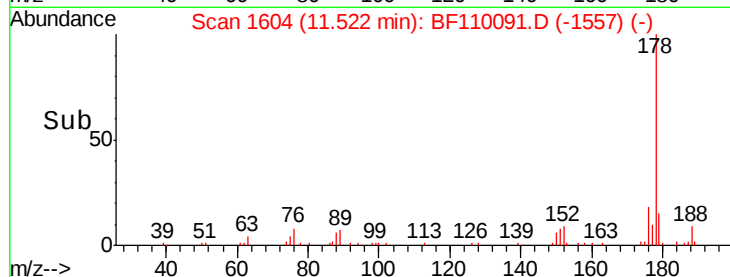
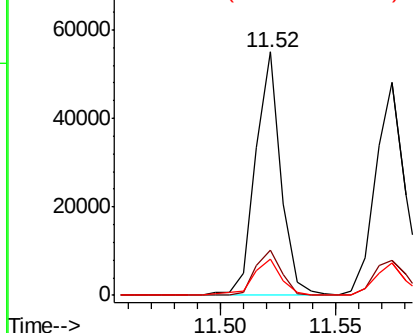
#71
Phenanthrene
Concen: 1.206 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 42099
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 14.8 12.5 18.7

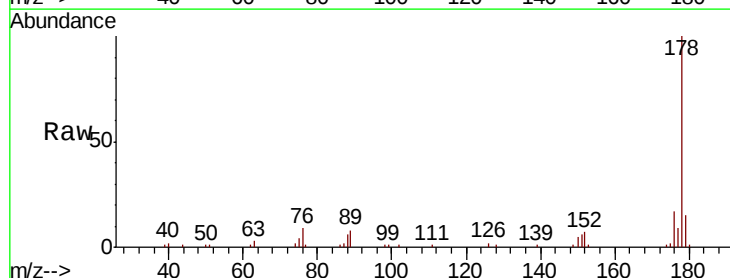


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

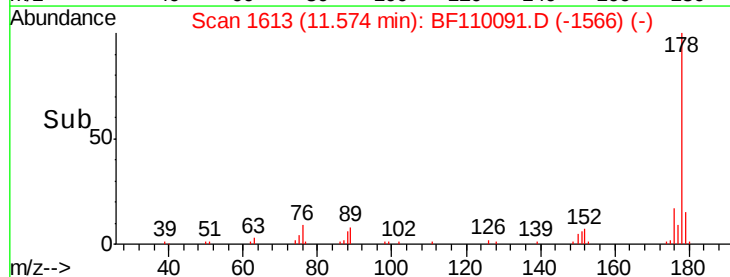
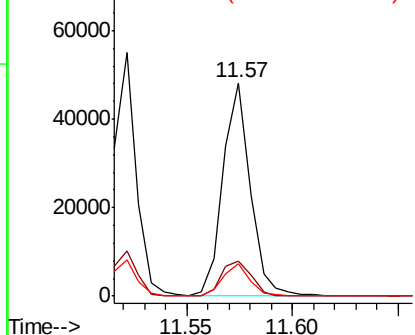


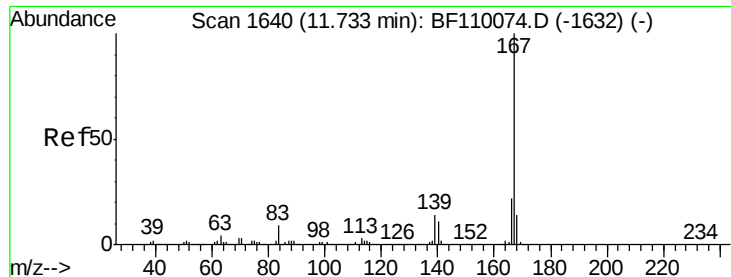
#72
Anthracene
Concen: 1.241 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:178 Resp: 43421
Ion Ratio Lower Upper
178 100
176 16.7 15.4 23.2
179 14.9 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

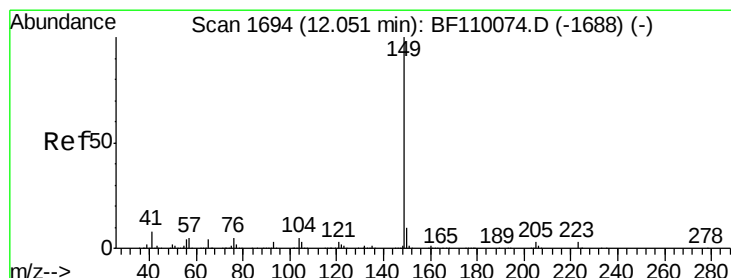
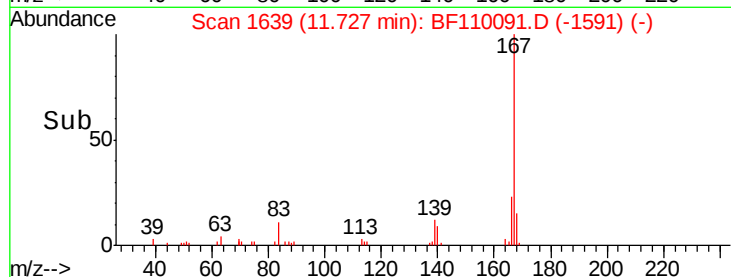
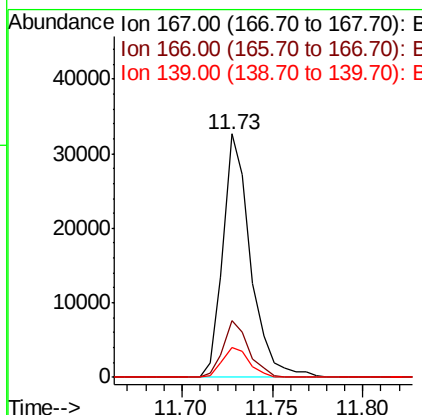
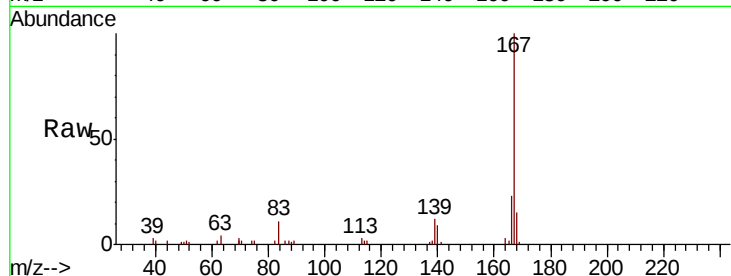




#73
 Carbazole
 Concen: 1.015 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

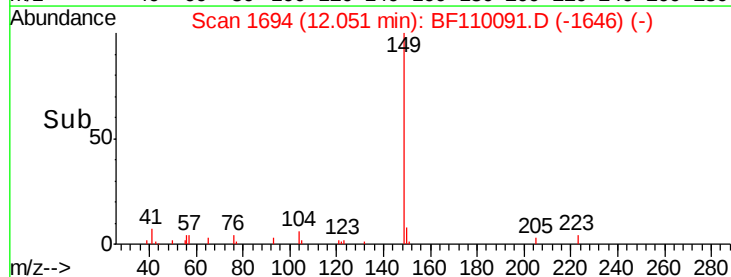
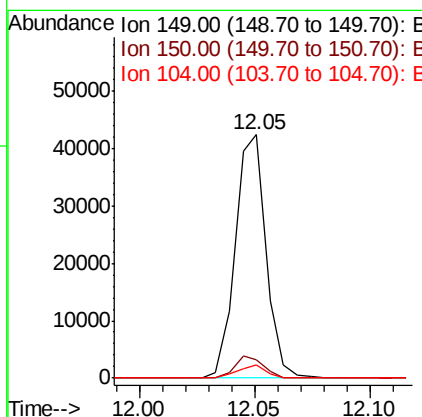
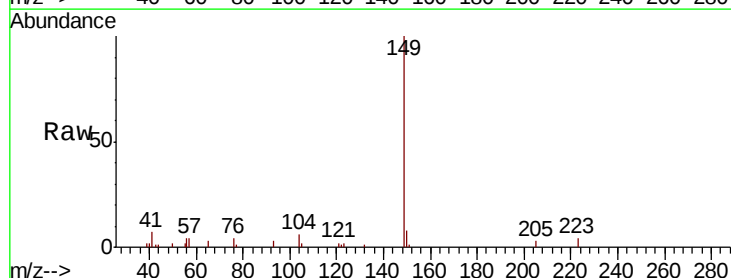
Instrument :
 BNA_F
 ClientSampleId :

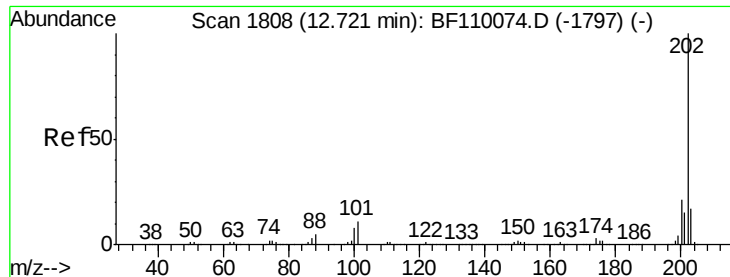
Tot Ion:167 Resp: 34700
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.4 26.0
 139 12.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 1.018 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:149 Resp: 39283
 Ion Ratio Lower Upper
 149 100
 150 7.7 7.7 11.5
 104 5.6 4.2 6.4

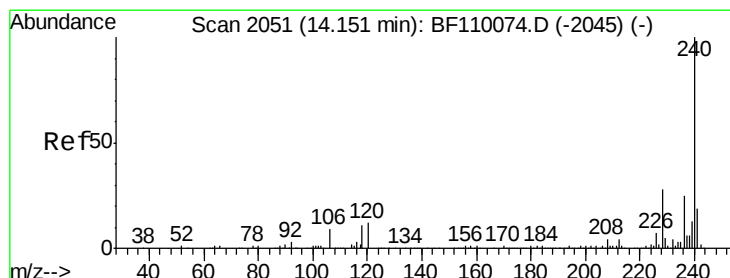
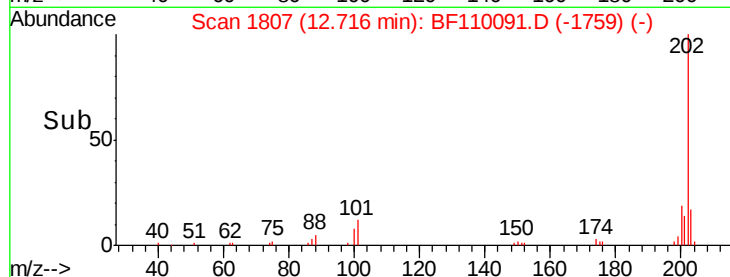
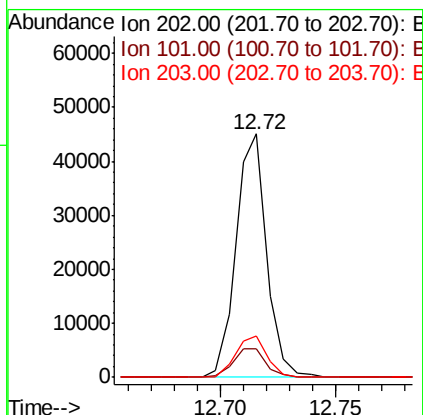
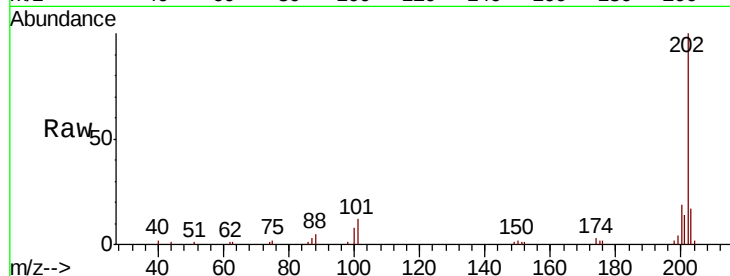




#75
 Fluoranthene
 Concen: 1.172 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

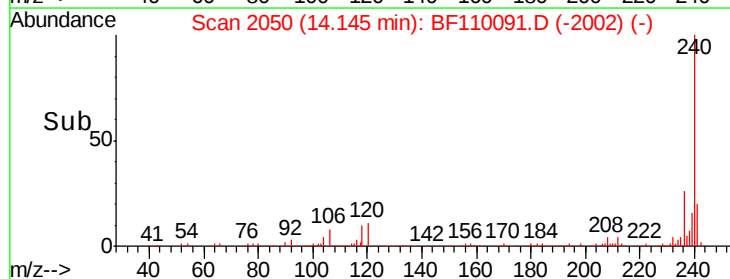
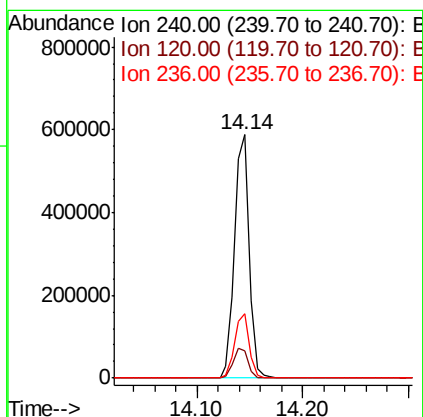
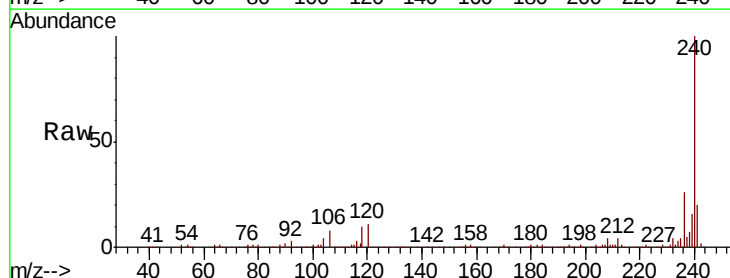
Instrument :
 BNA_F
 ClientSampleId :

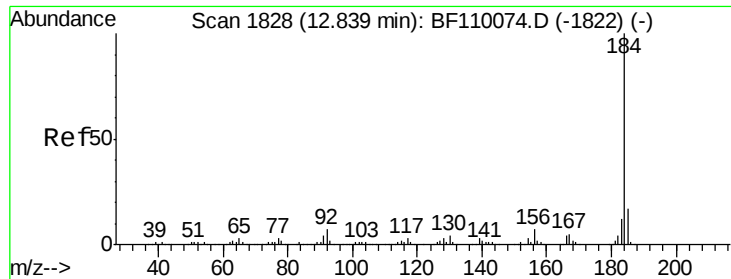
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	17.1	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	26.2	21.2	31.8





#77

Benzidine

Concen: 0.300 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampleId :

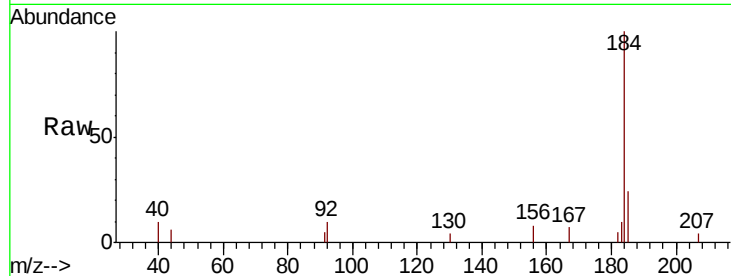
Tot Ion:184 Resp: 6998

Ion Ratio Lower Upper

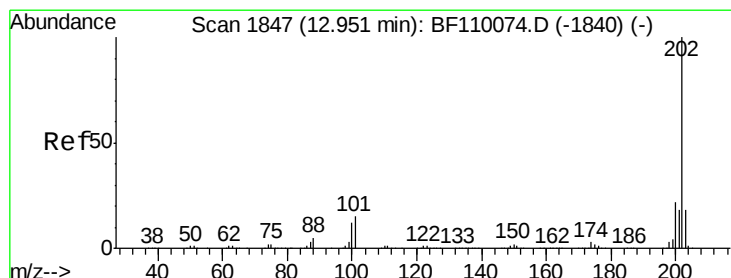
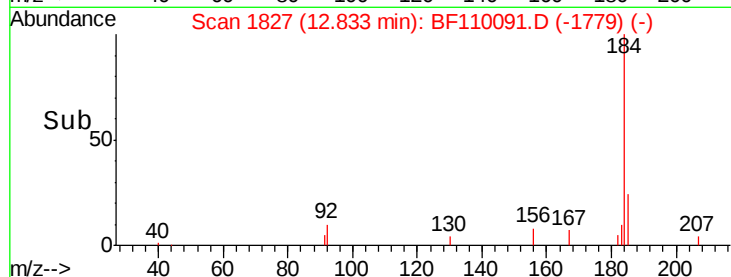
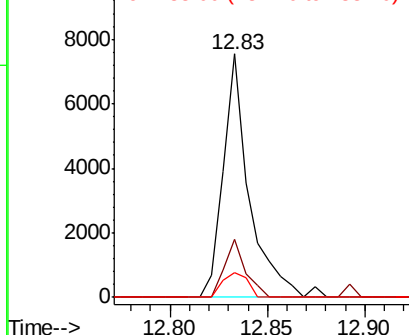
184 100

185 23.7 13.4 20.2#

183 10.4 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: 1.070 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

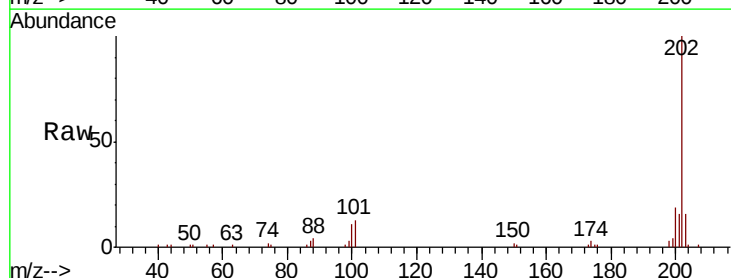
Tgt Ion:202 Resp: 42421

Ion Ratio Lower Upper

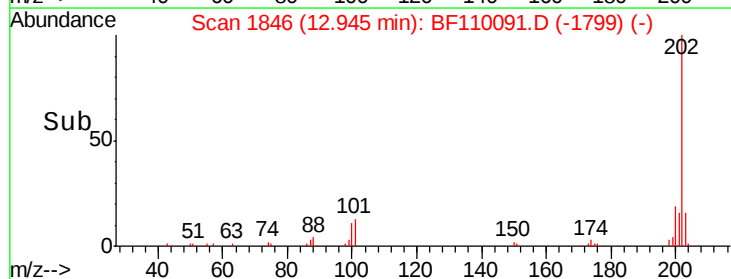
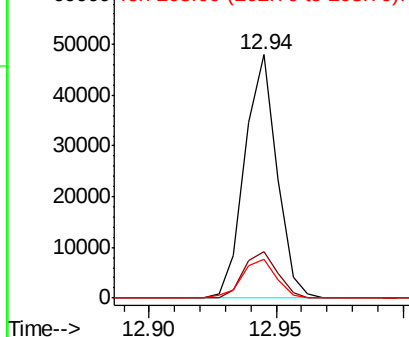
202 100

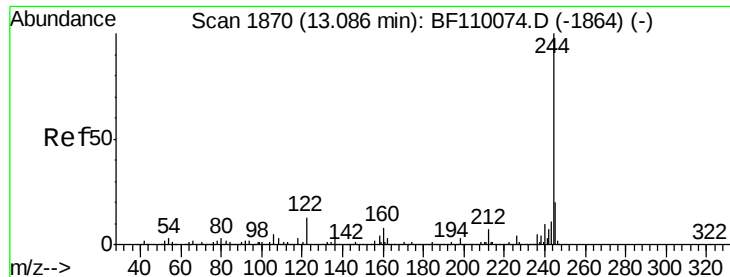
200 18.8 17.8 26.6

203 15.9 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



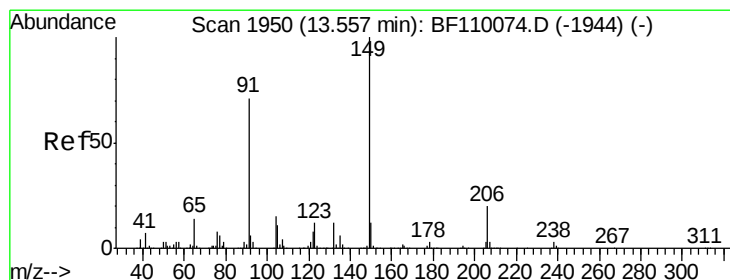
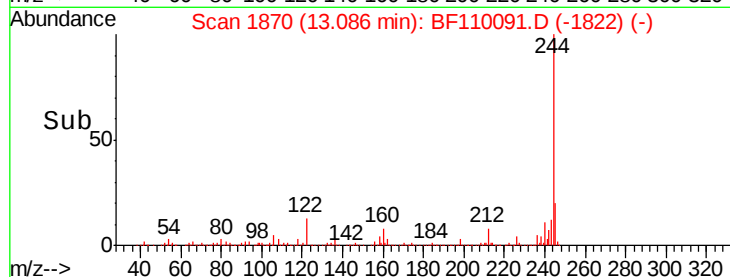
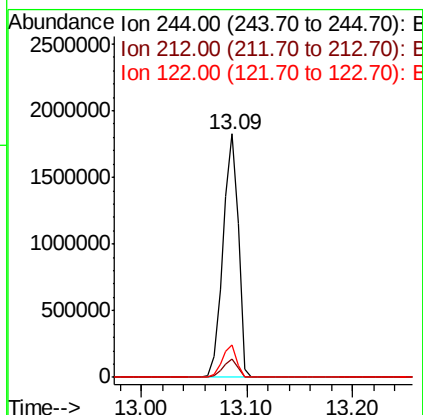
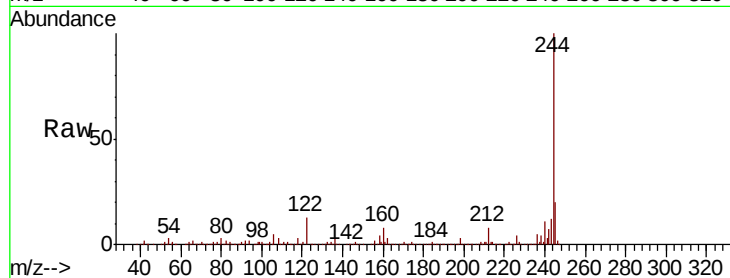


#79
 Terphenyl-d14
 Concen: 69.737 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1854178

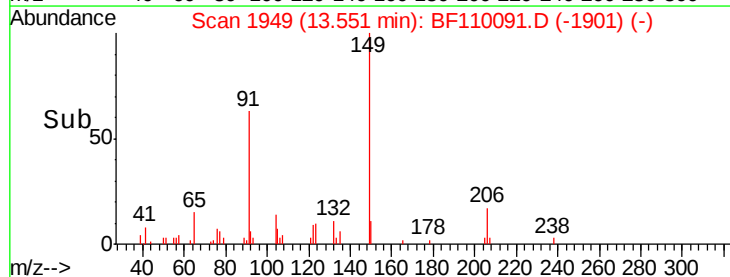
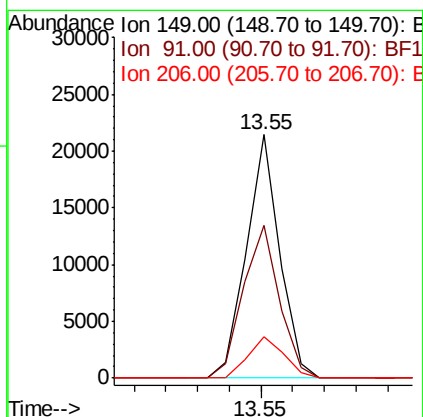
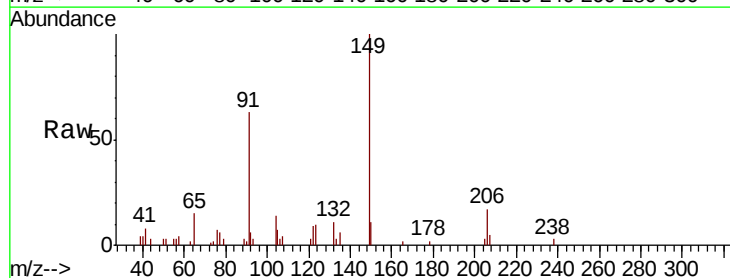
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.1	8.7	13.1#

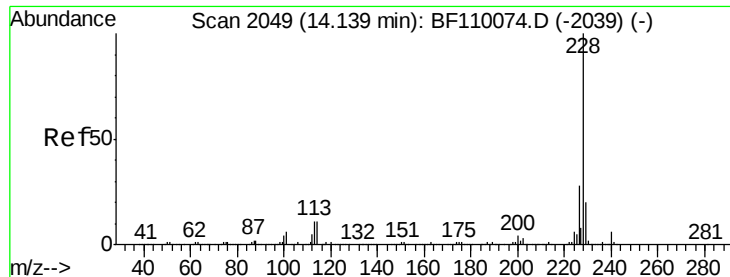


#80
 Butylbenzylphthalate
 Concen: 0.906 ng
 RT: 13.55 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion:149 Resp: 15586

Ion	Ratio	Lower	Upper
149	100		
91	62.5	57.2	85.8
206	17.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 1.180 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

Instrument :

BNA_F

ClientSampled :

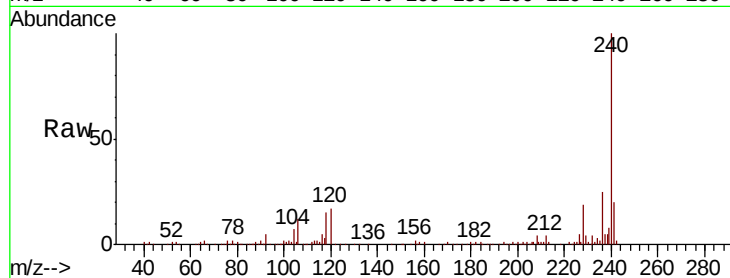
Tot Ion:228 Resp: 38683

Ion Ratio Lower Upper

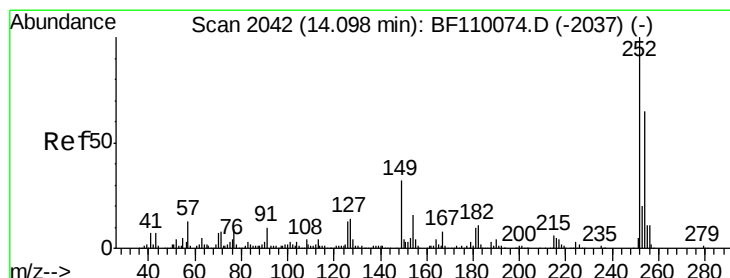
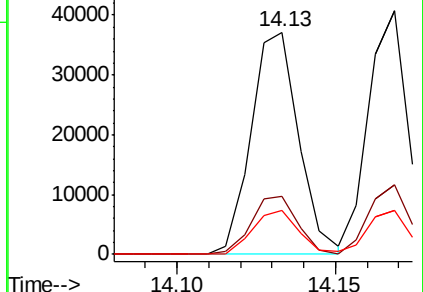
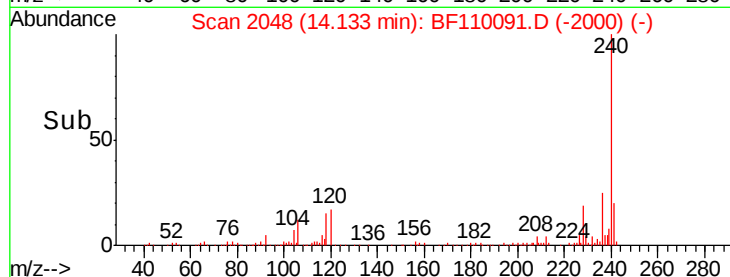
228 100

226 26.3 22.1 33.1

229 19.7 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: 0.696 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110091.D

Acq: 23 Oct 2018 21:32

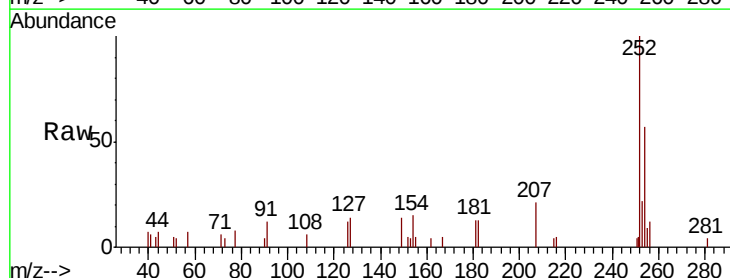
Tgt Ion:252 Resp: 7952

Ion Ratio Lower Upper

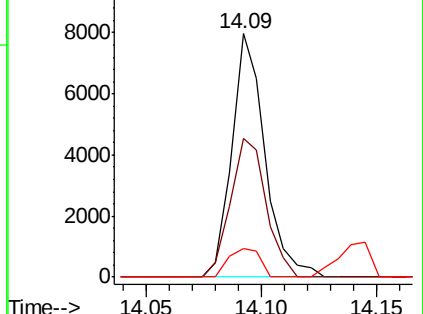
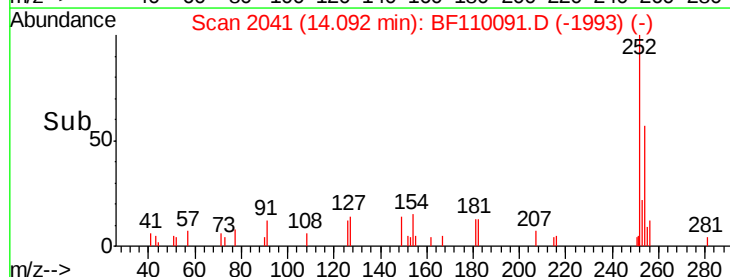
252 100

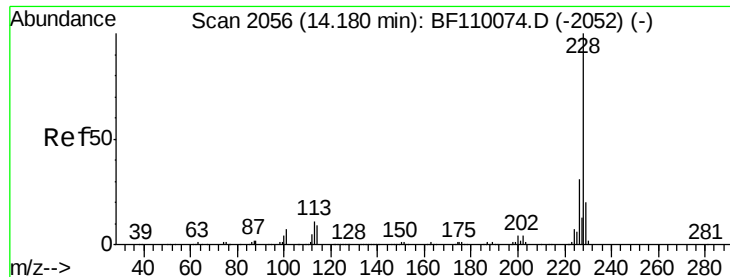
254 57.2 51.3 76.9

126 11.8 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

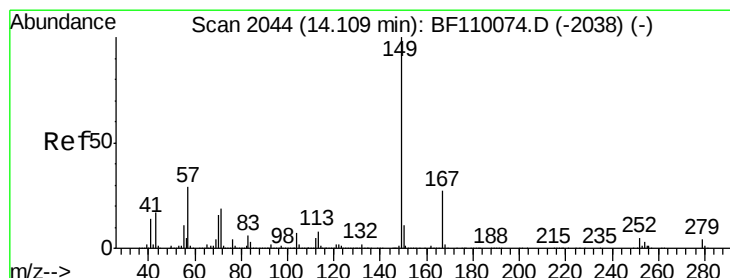
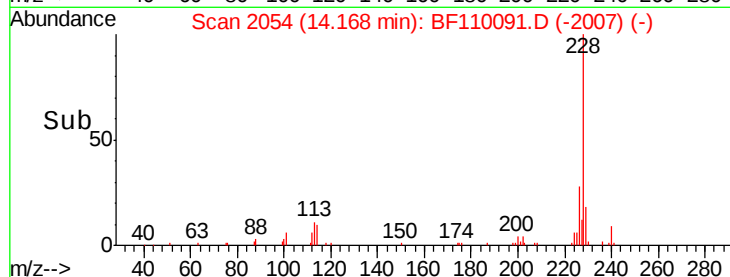
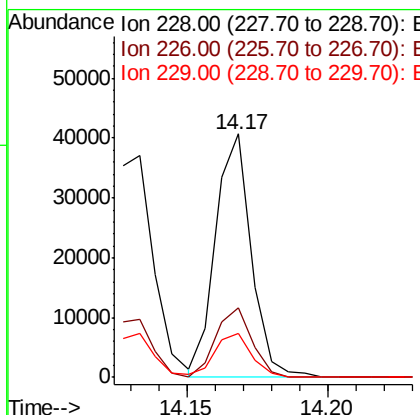
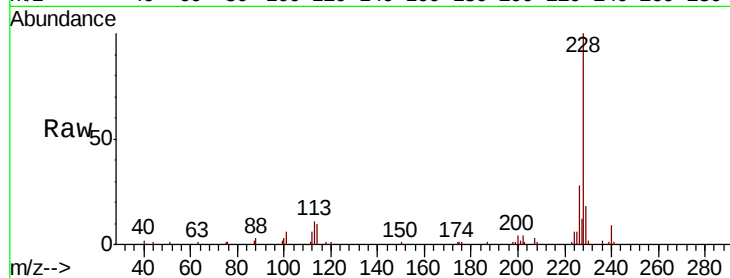




#83
 Chrysene
 Concen: 1.149 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

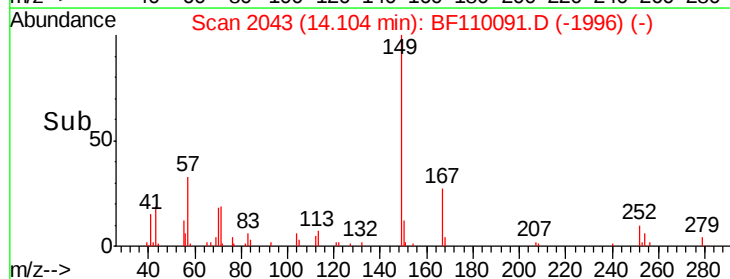
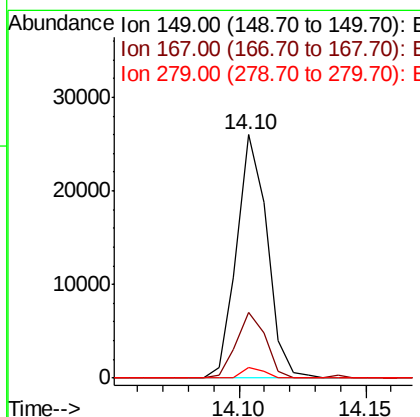
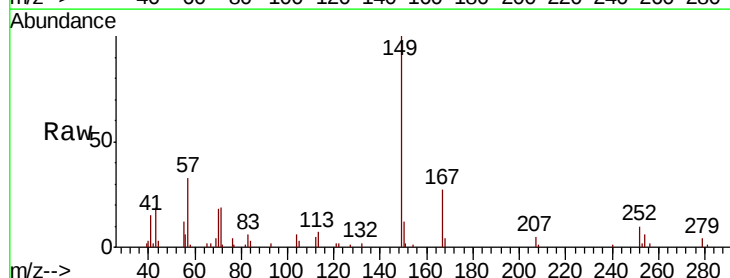
Instrument :
 BNA_F
 ClientSampled :

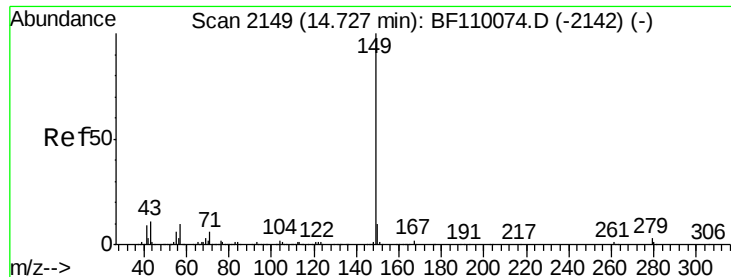
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.7	37.1
229	17.8	15.9	23.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.936 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BF110091.D
 Acq: 23 Oct 2018 21:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	19.8	29.8
279	4.2	2.7	4.1#

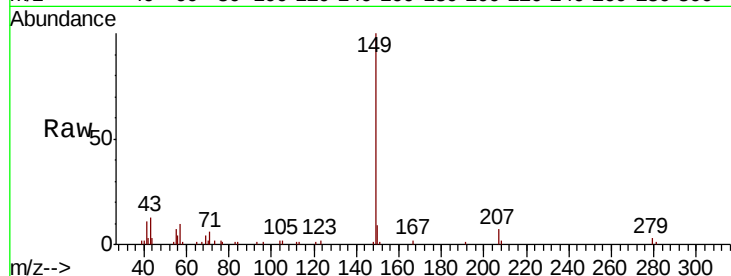




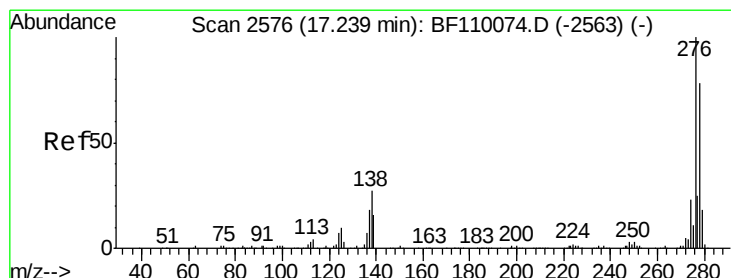
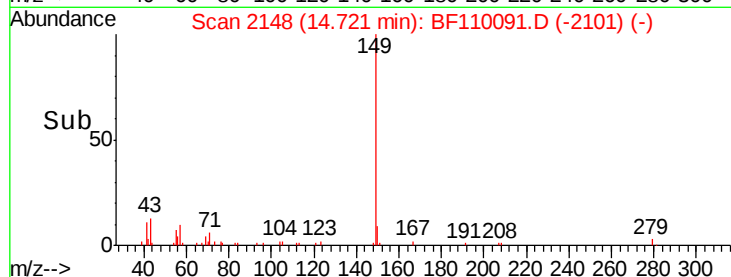
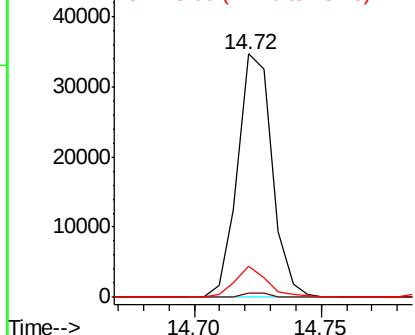
#85
Di-n-octyl phthalate
Concen: 0.909 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 32860
Ion Ratio Lower Upper
149 100
167 1.2 1.1 1.7
43 11.9 7.8 11.8#

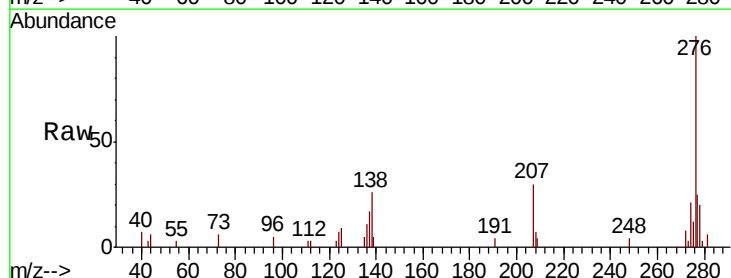


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

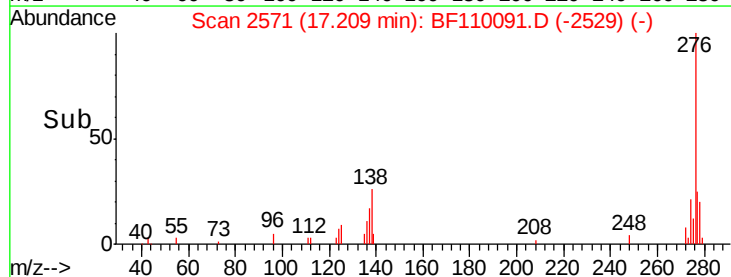
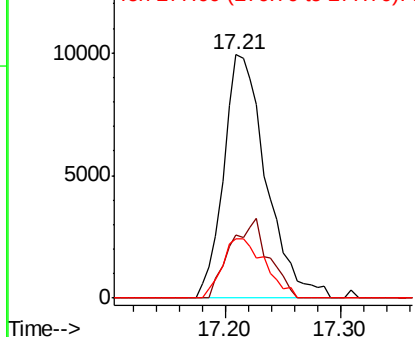


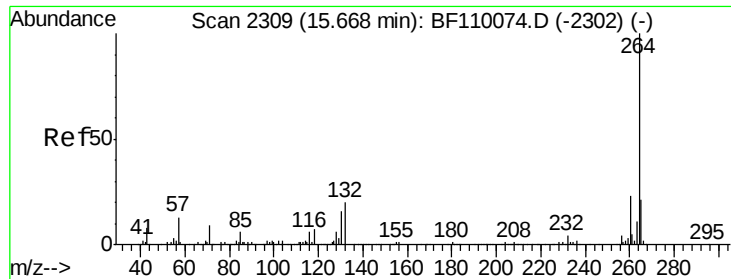
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.980 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:276 Resp: 25310
Ion Ratio Lower Upper
276 100
138 29.7 18.5 27.7#
277 24.4 20.0 30.0



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



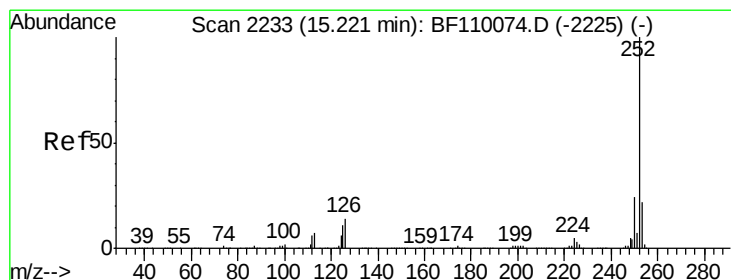
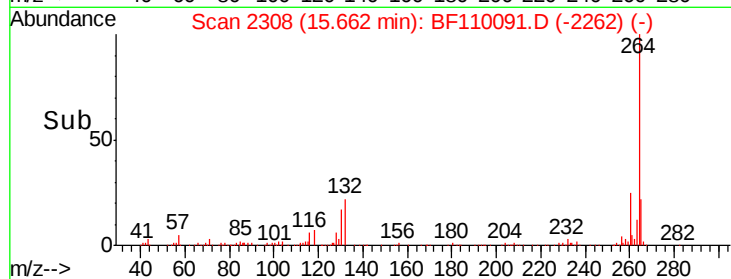
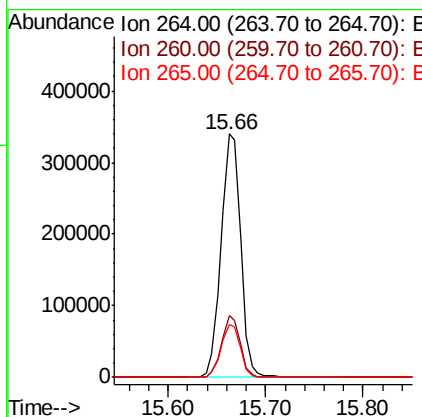
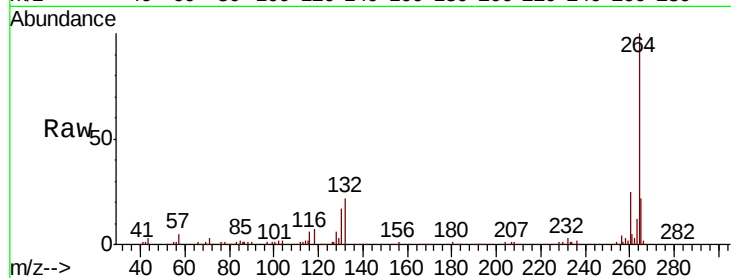


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.03 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 472347

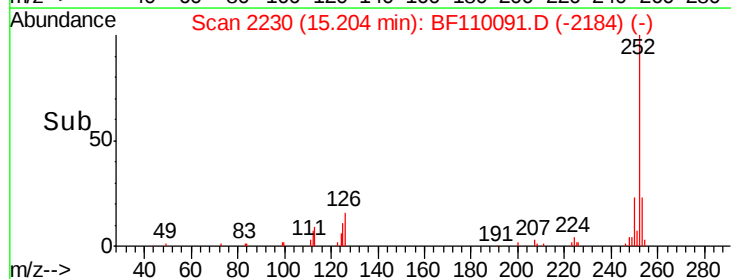
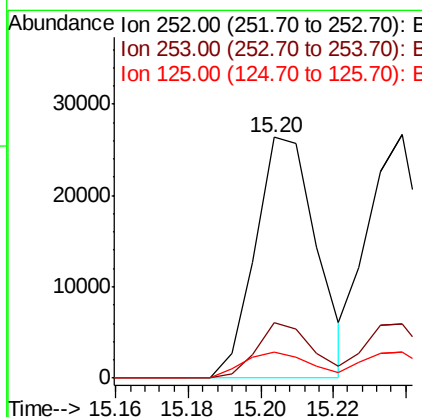
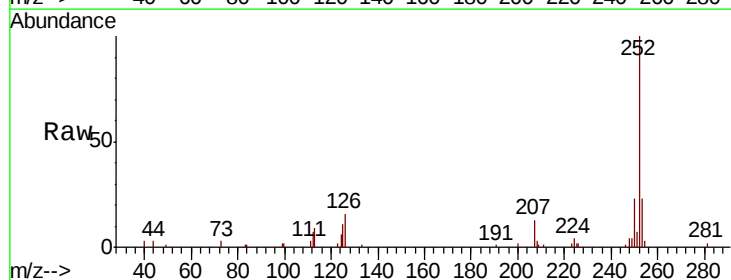
Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	21.8	16.7	25.1

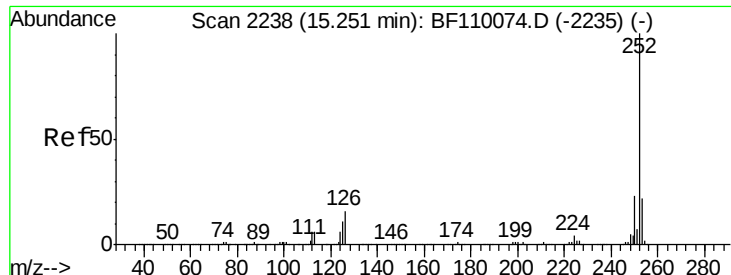


#88
Benzo(b)fluoranthene
Concen: 1.138 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.03 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:252 Resp: 31041

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.7	8.2	12.4

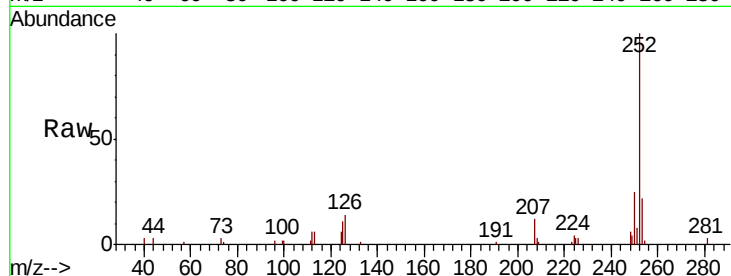




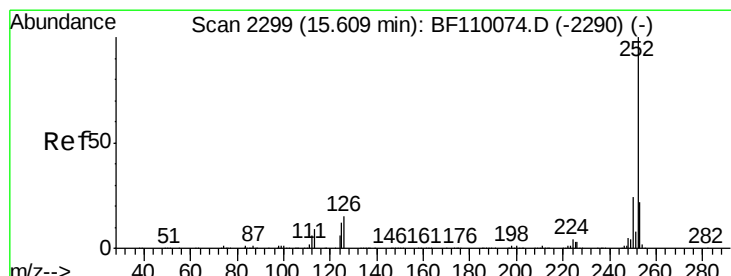
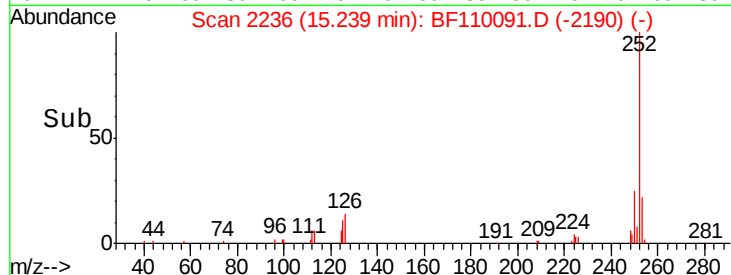
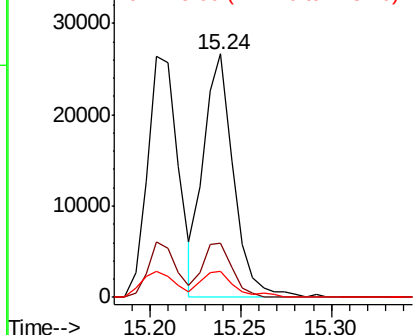
#89
Benzo(k)fluoranthene
Concen: 1.147 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 30747
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.8 7.4 11.0

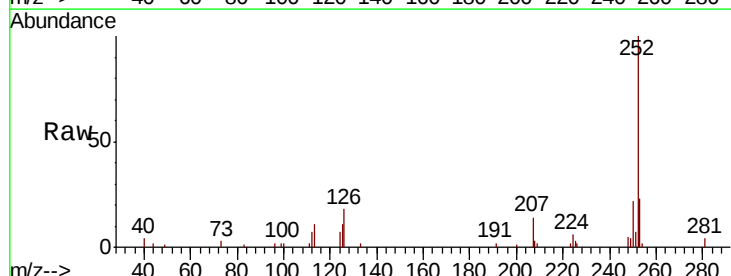


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

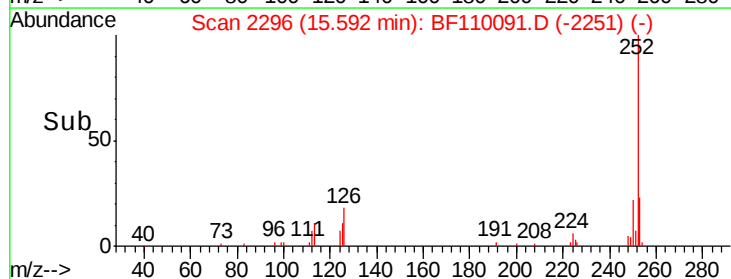
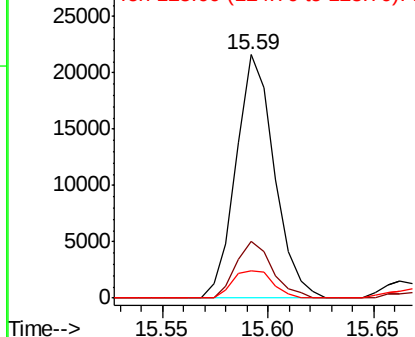


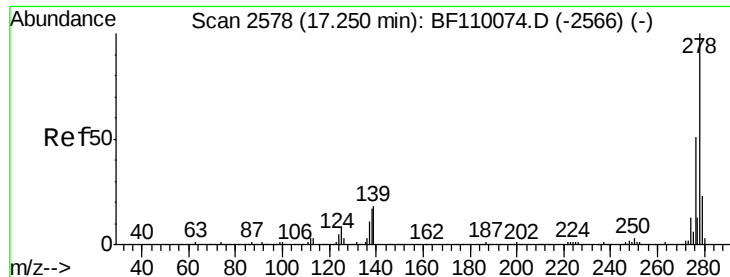
#90
Benzo(a)pyrene
Concen: 1.081 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:252 Resp: 27132
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 11.0 9.0 13.6



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

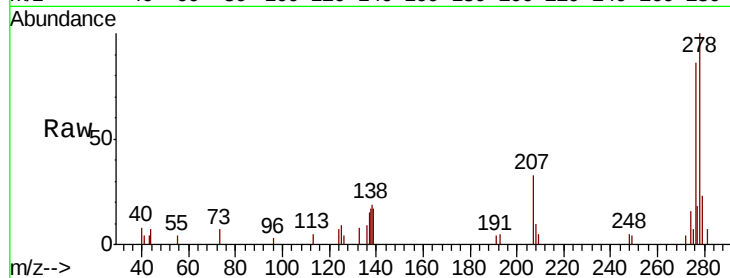




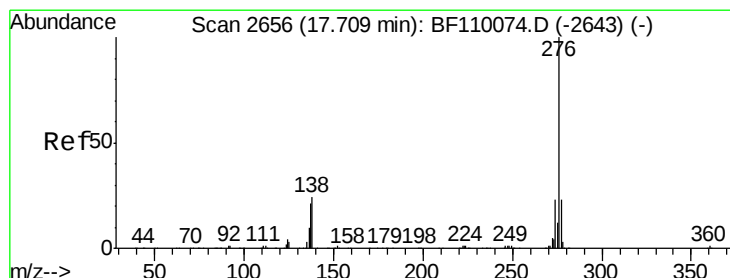
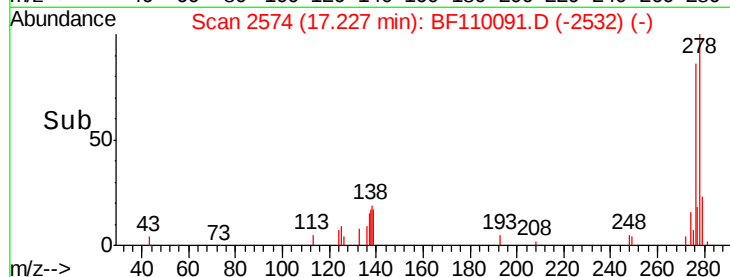
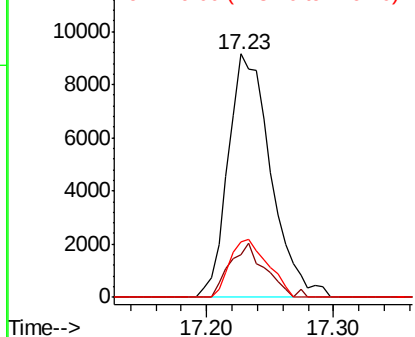
#91
Dibenzo(a,h)anthracene
Concen: 0.987 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.05 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 21371
Ion Ratio Lower Upper
278 100
139 17.3 12.7 19.1
279 23.0 19.0 28.4

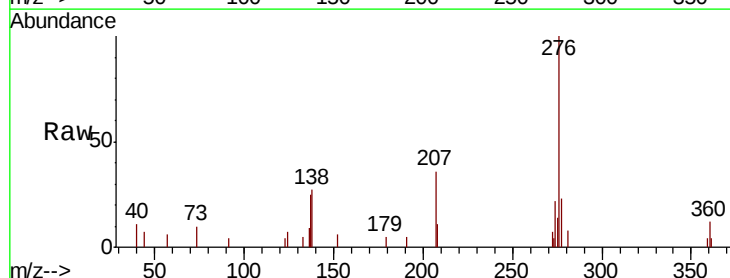


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 0.961 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110091.D
Acq: 23 Oct 2018 21:32

Tgt Ion:276 Resp: 20515
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 26.9 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

