

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110071.D
 Acq On : 23 Oct 2018 11:20
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 13:11:04 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 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167348	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	714995	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	350648	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	691558	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	601474	20.00	ng	-0.02
87) Perylene-d12	15.67	264	551721	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	53999	5.11	ng	-0.02
7) Phenol-d6	6.57	99	73627	5.62	ng	-0.04
23) Nitrobenzene-d5	7.52	82	61850	5.83	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	18722	6.17	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	144384	6.57	ng	-0.02
79) Terphenyl-d14	13.08	244	167786	5.86	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	14351	2.393	ng	96
3) Pyridine	3.63	79	27698	2.072	ng	# 80
4) n-Nitrosodimethylamine	3.55	42	11981	2.197	ng	# 88
6) Aniline	6.62	93	44270	2.506	ng	# 55
8) 2-Chlorophenol	6.75	128	31291	2.646	ng	96
9) Benzaldehyde	6.52	77	26128	3.067	ng	96
10) Phenol	6.59	94	37012	2.615	ng	# 62
11) bis(2-Chloroethyl)ether	6.69	93	31552	2.666	ng	95
12) 1,3-Dichlorobenzene	6.90	146	35308	2.723	ng	96
13) 1,4-Dichlorobenzene	6.98	146	36612	2.803	ng	97
14) 1,2-Dichlorobenzene	7.13	146	33390	2.777	ng	96
15) Benzyl Alcohol	7.09	79	25438	2.522	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	49515	2.549	ng	68
17) 2-Methylphenol	7.20	107	24438	2.563	ng	# 82
18) Hexachloroethane	7.47	117	12990	2.815	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	23273	2.765	ng	94
20) 3+4-Methylphenols	7.35	107	33620	2.778	ng	# 81
22) Acetophenone	7.36	105	45768	2.760	ng	94
24) Nitrobenzene	7.54	77	32130	2.787	ng	94
25) Isophorone	7.77	82	53535	2.567	ng	98
26) 2-Nitrophenol	7.86	139	12656	2.647	ng	99
27) 2,4-Dimethylphenol	7.89	122	25782	2.567	ng	93
28) bis(2-Chloroethoxy)methane	7.99	93	38308	2.676	ng	95
29) 2,4-Dichlorophenol	8.10	162	25454	2.612	ng	91
30) 1,2,4-Trichlorobenzene	8.19	180	29835	2.734	ng	97
31) Naphthalene	8.27	128	92421	2.819	ng	98
32) Benzoic acid	7.93	122	8985	1.436	ng	86
33) 4-Chloroaniline	8.32	127	40588	2.754	ng	94
34) Hexachlorobutadiene	8.38	225	16597	2.758	ng	97
35) Caprolactam	8.64	113	8581	2.479	ng	# 84
36) 4-Chloro-3-methylphenol	8.78	107	28311	2.754	ng	95
37) 2-Methylnaphthalene	8.96	142	61940	2.917	ng	98
38) 1-Methylnaphthalene	8.96	142	61940	3.011	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	30293	2.805	ng	100

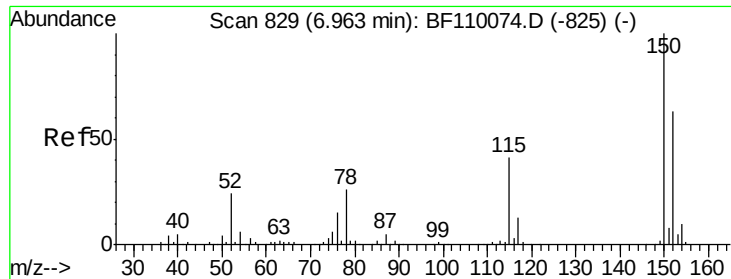
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110071.D
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 QLast Update : Tue Oct 23 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	11599	2.225	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	17506	2.592	ng	97
44) 2,4,5-Trichlorophenol	9.27	196	19518	2.785	ng	95
46) 1,1'-Biphenyl	9.42	154	91916	2.942	ng	100
47) 2-Chloronaphthalene	9.45	162	64956	2.823	ng	97
48) 2-Nitroaniline	9.55	65	16210	2.745	ng	# 84
49) Acenaphthylene	9.87	152	94678	2.832	ng	97
50) Dimethylphthalate	9.72	163	71724	2.889	ng	99
51) 2,6-Dinitrotoluene	9.78	165	13107	2.779	ng	96
52) Acenaphthene	10.04	154	62590	2.941	ng	97
53) 3-Nitroaniline	9.95	138	16081	2.803	ng	# 97
54) 2,4-Dinitrophenol	10.06	184	1892	1.568	ng	# 77
55) Dibenzofuran	10.21	168	89065	2.934	ng	95
56) 4-Nitrophenol	10.10	139	9878	2.257	ng	# 83
57) 2,4-Dinitrotoluene	10.19	165	15265	2.754	ng	90
58) Fluorene	10.56	166	68504	3.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	14910	2.684	ng	# 98
60) Diethylphthalate	10.42	149	70186	2.862	ng	97
61) 4-Chlorophenyl-phenylether	10.55	204	36020	3.129	ng	98
62) 4-Nitroaniline	10.56	138	16547	3.047	ng	94
63) Azobenzene	10.70	77	70767	2.762	ng	99
65) 4,6-Dinitro-2-methylphenol	10.59	198	4196	1.893	ng	# 70
66) n-Nitrosodiphenylamine	10.66	169	62452	2.711	ng	93
67) 4-Bromophenyl-phenylether	11.04	248	20364	2.717	ng	98
68) Hexachlorobenzene	11.10	284	21804	2.728	ng	# 90
69) Atrazine	11.18	200	20510	2.851	ng	99
70) Pentachlorophenol	11.30	266	8134	1.788	ng	92
71) Phenanthrene	11.52	178	108321	3.026	ng	96
72) Anthracene	11.57	178	104620	2.907	ng	98
73) Carbazole	11.73	167	103195	2.917	ng	97
74) Di-n-butylphthalate	12.05	149	112839	2.858	ng	98
75) Fluoranthene	12.72	202	108205	3.025	ng	99
77) Benzidine	12.83	184	71070	3.082	ng	98
78) Pyrene	12.94	202	113295	2.565	ng	96
80) Butylbenzylphthalate	13.55	149	43403	2.430	ng	98
81) Benzo(a)anthracene	14.13	228	95952	2.708	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	35609	2.867	ng	98
83) Chrysene	14.17	228	94205	2.794	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	65033	2.767	ng	97
85) Di-n-octyl phthalate	14.73	149	99978	3.018	ng	96
86) Indeno(1,2,3-cd)pyrene	17.22	276	81926	3.017	ng	95
88) Benzo(b)fluoranthene	15.21	252	79599	2.502	ng	98
89) Benzo(k)fluoranthene	15.24	252	86348	2.754	ng	# 96
90) Benzo(a)pyrene	15.60	252	77273	2.641	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	66720	2.573	ng	93
92) Benzo(g,h,i)perylene	17.69	276	65489	2.500	ng	# 96

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

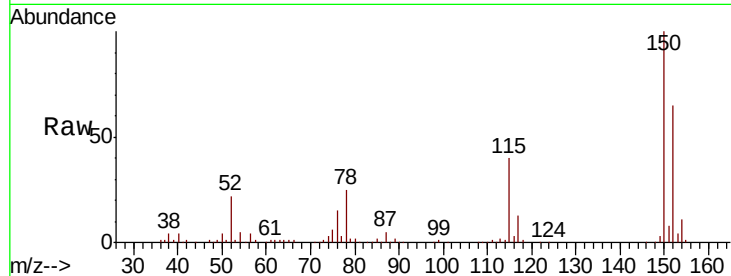


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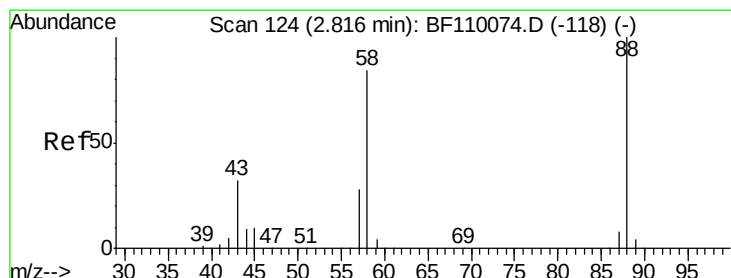
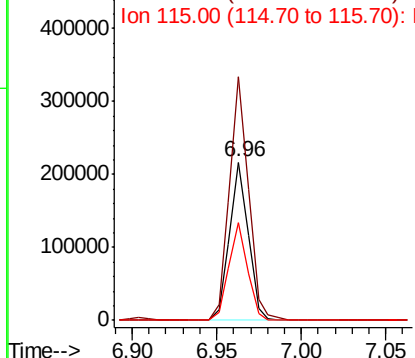
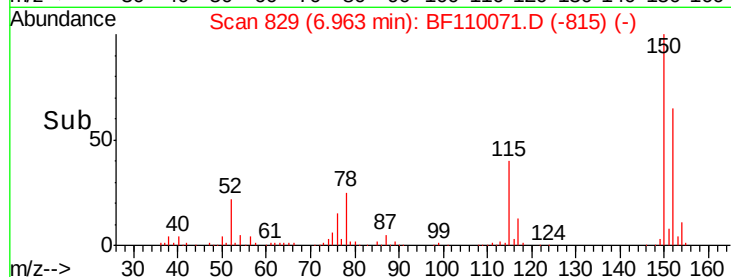
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 167348
 Ion Ratio Lower Upper
 152 100
 150 154.2 122.7 184.1
 115 61.9 49.1 73.7



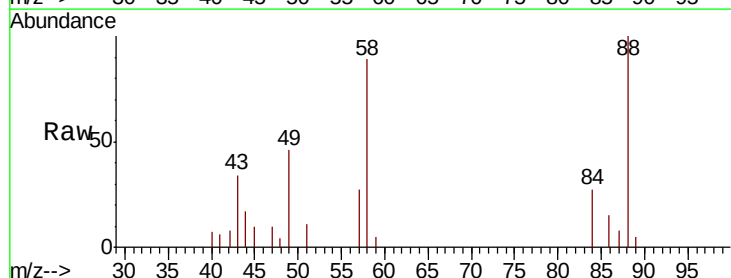
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



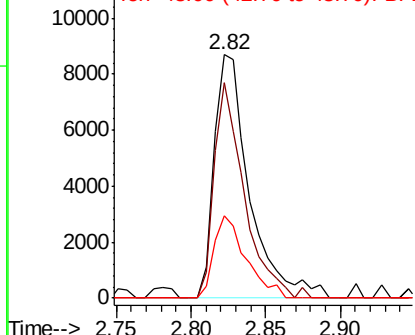
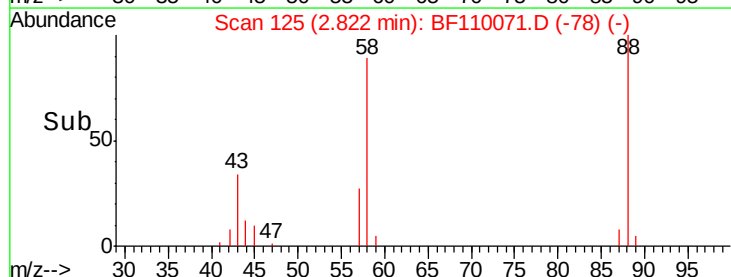
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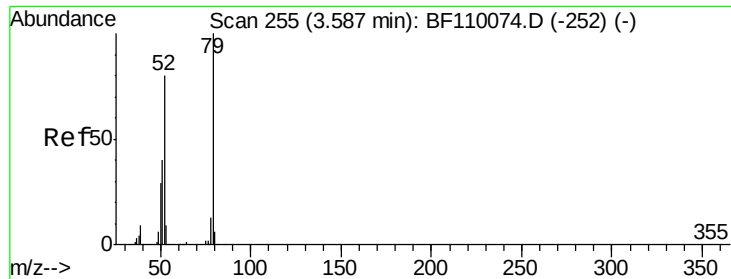
1,4-Dioxane
 Concen: 2.393 ng
 RT: 2.82 min Scan# 125
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion: 88 Resp: 14351
 Ion Ratio Lower Upper
 88 100
 58 75.6 57.1 85.7
 43 30.9 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: 2.072 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.01 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

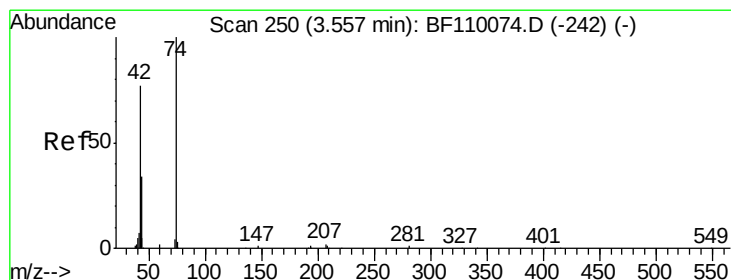
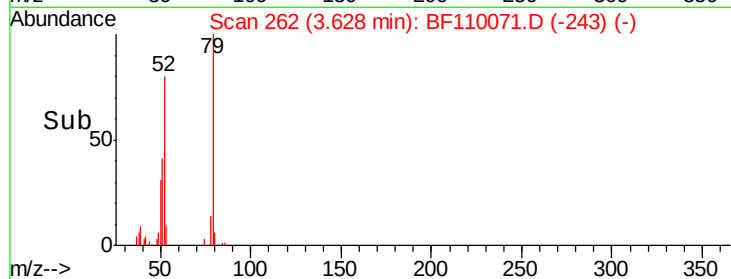
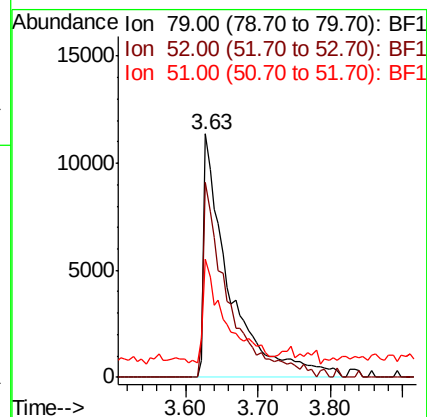
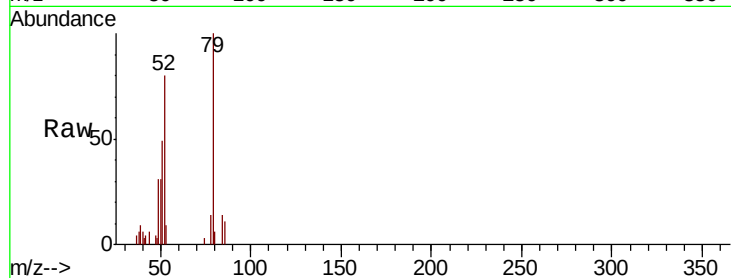
Tot Ion: 79 Resp: 27698

Ion Ratio Lower Upper

79 100

52 80.0 53.1 79.7#

51 48.6 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 2.197 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

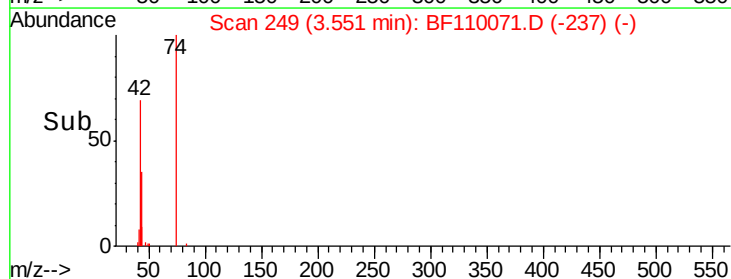
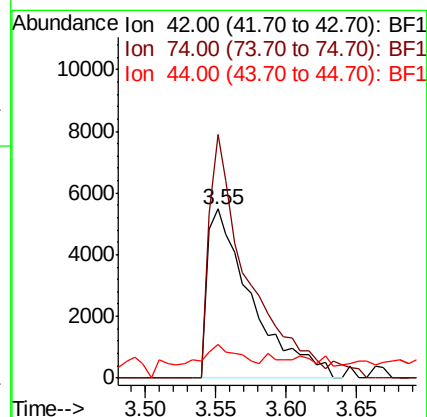
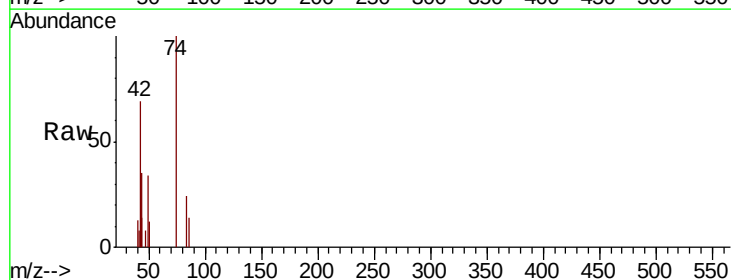
Tgt Ion: 42 Resp: 11981

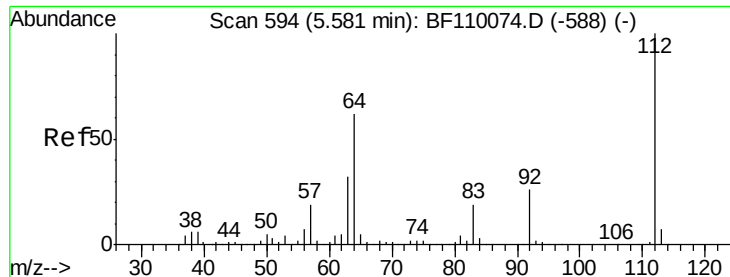
Ion Ratio Lower Upper

42 100

74 144.1 105.5 158.3

44 19.6 4.9 7.3#

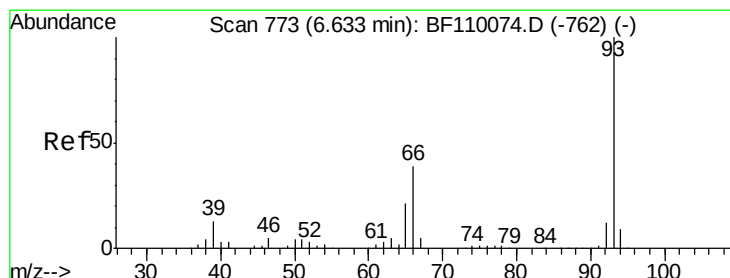
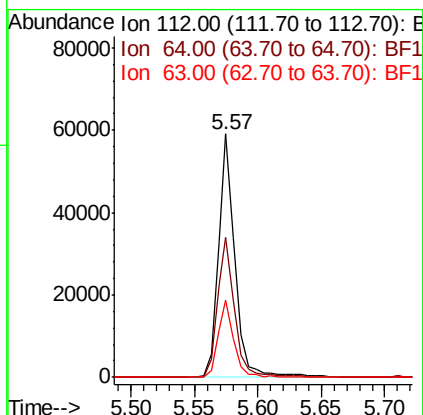
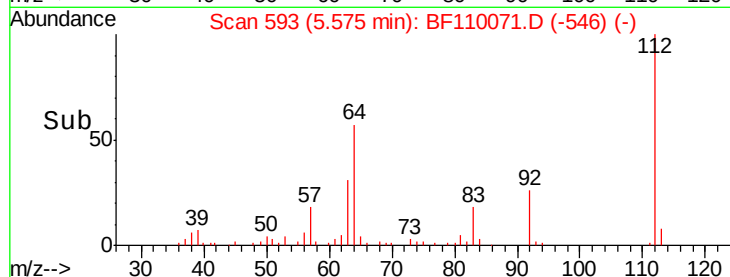
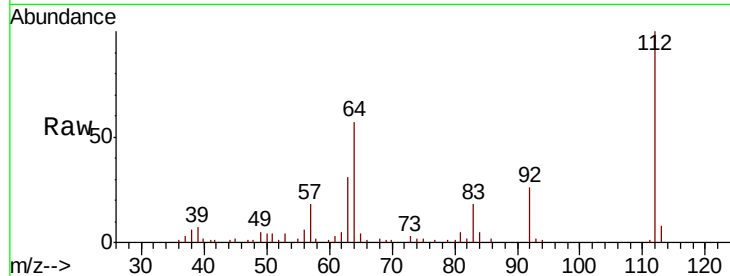




#5
2-Fluorophenol
Concen: 5.115 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

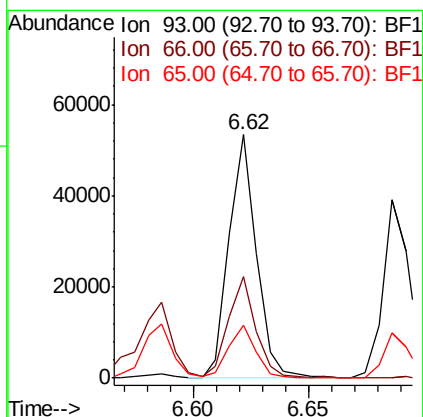
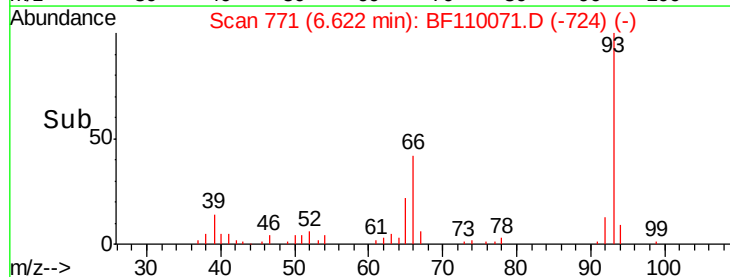
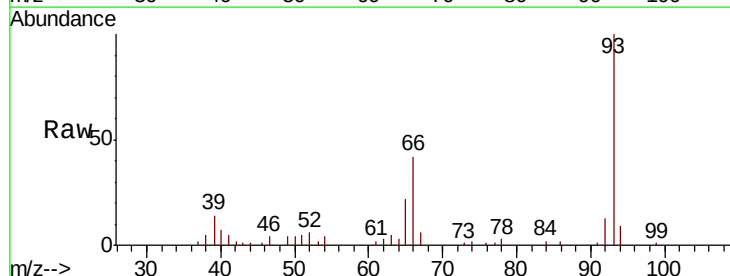
Instrument :
BNA_F
ClientSampleId :

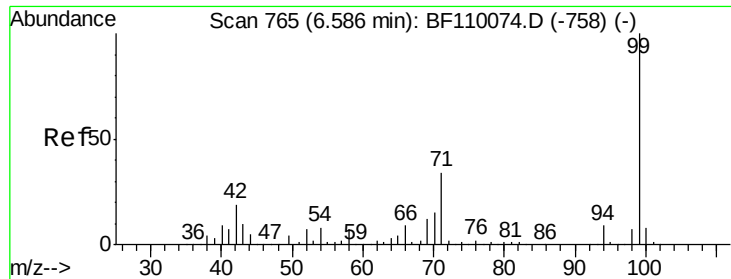
Tot Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	31.5	23.7	35.5



#6
Aniline
Concen: 2.506 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.9	67.4	101.0#
65	21.7	41.0	61.4#





#7

Phenol-d6

Concen: 5.616 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.04 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampled :

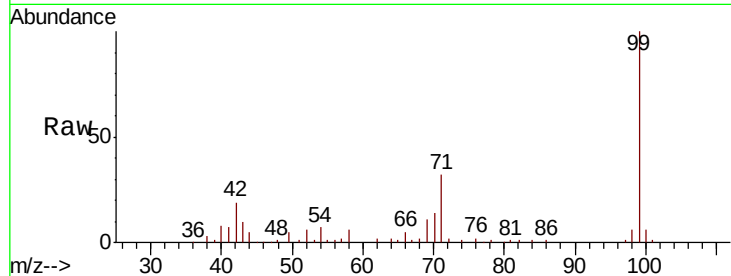
Tot Ion: 99 Resp: 73627

Ion Ratio Lower Upper

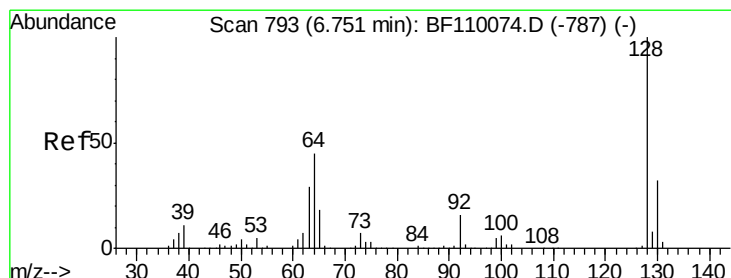
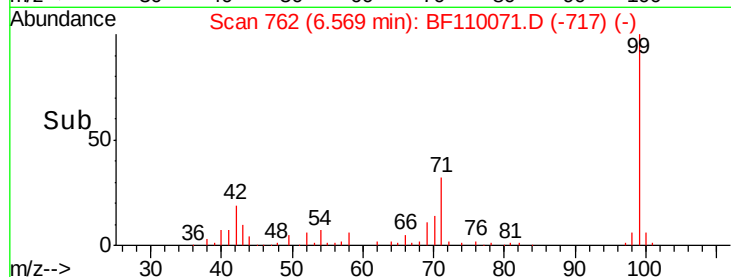
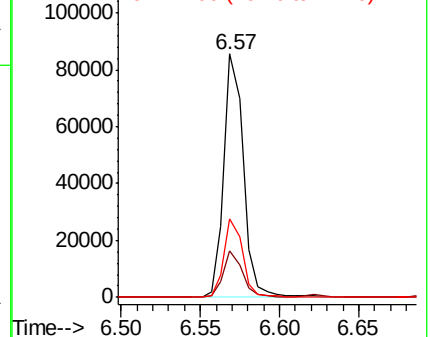
99 100

42 18.9 15.8 23.6

71 32.3 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: 2.646 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

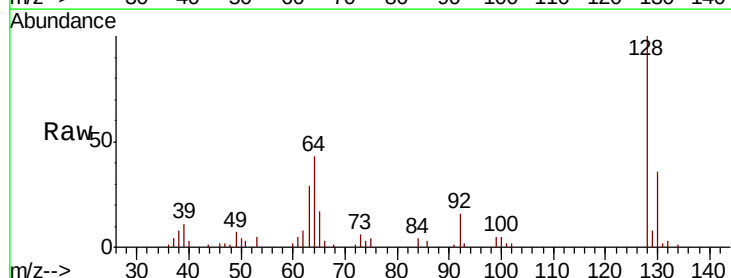
Tgt Ion: 128 Resp: 31291

Ion Ratio Lower Upper

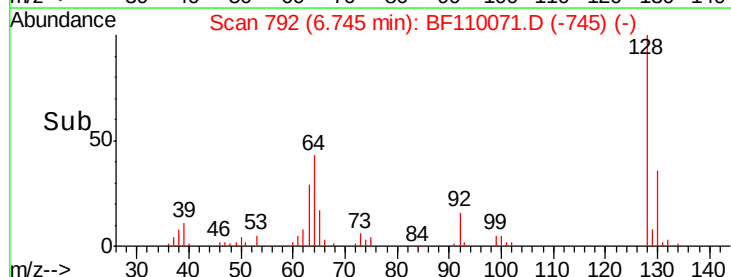
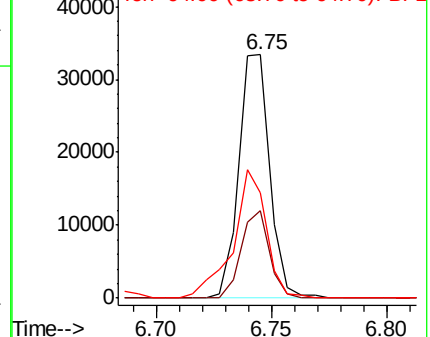
128 100

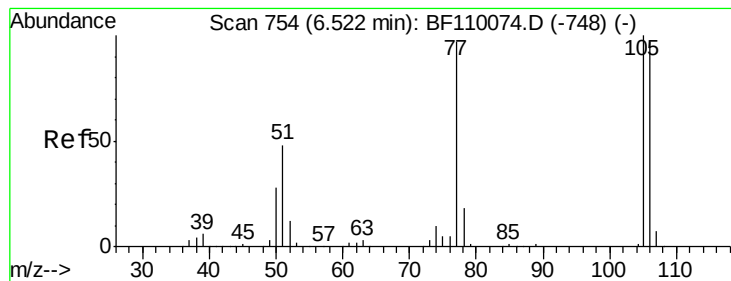
130 35.8 13.1 53.1

64 43.4 26.0 66.0



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





#9

Benzaldehyde

Concen: 3.067 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

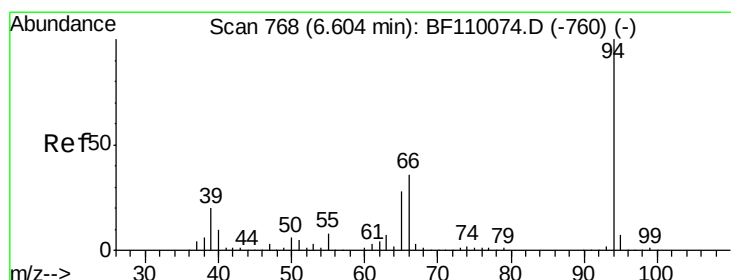
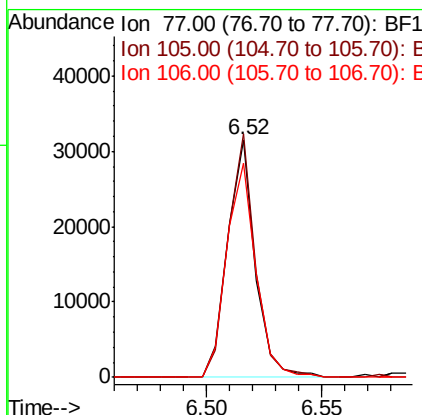
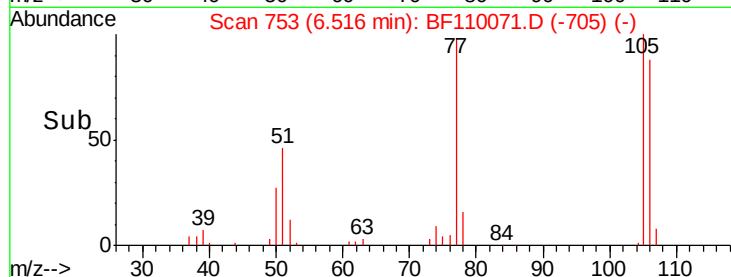
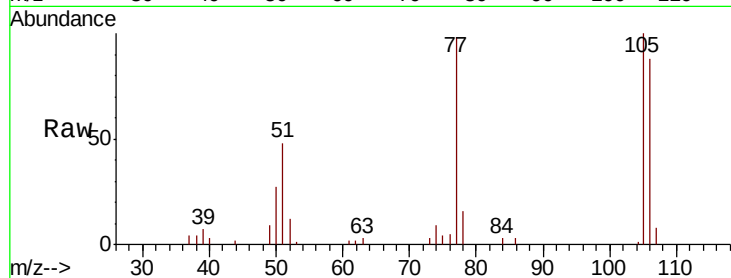
Tot Ion: 77 Resp: 26128

Ion Ratio Lower Upper

77 100

105 102.5 78.6 118.6

106 90.1 74.8 114.8



#10

Phenol

Concen: 2.615 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

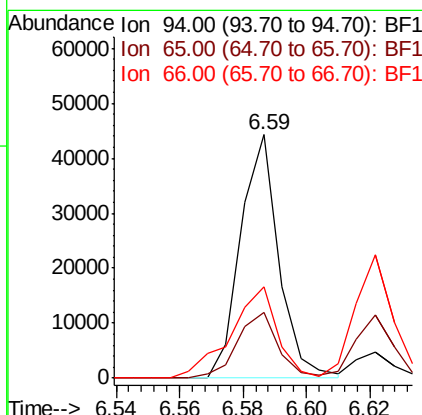
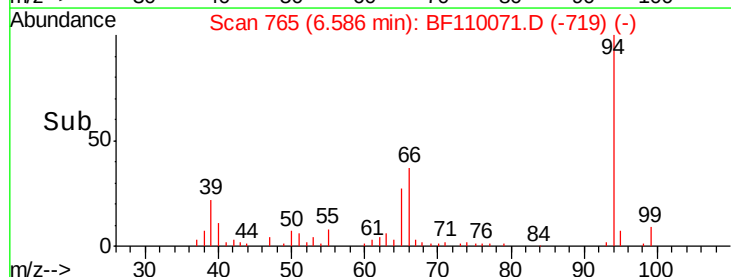
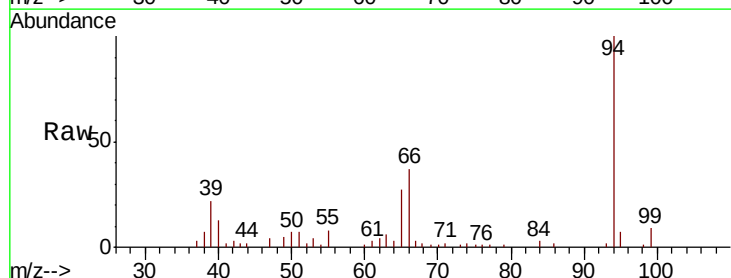
Tgt Ion: 94 Resp: 37012

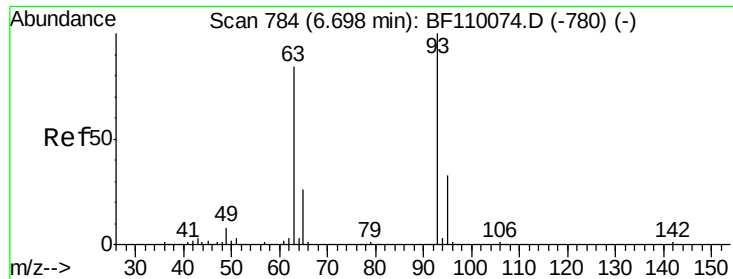
Ion Ratio Lower Upper

94 100

65 27.0 25.3 65.3

66 37.4 54.5 94.5#

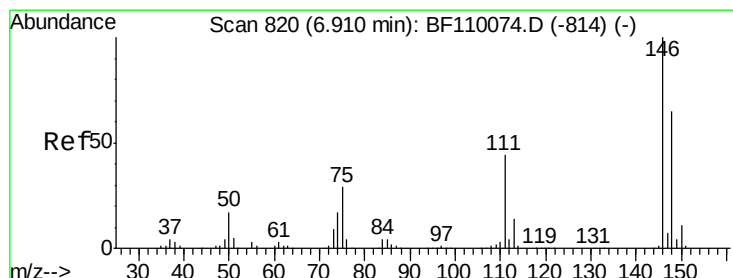
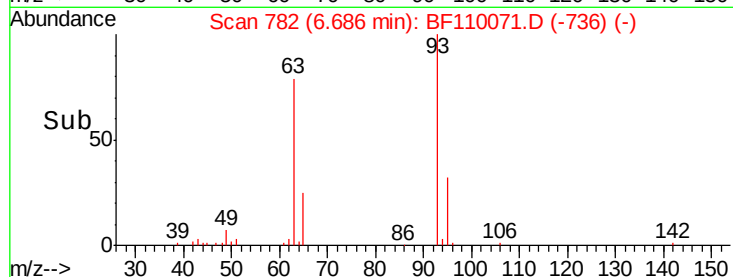
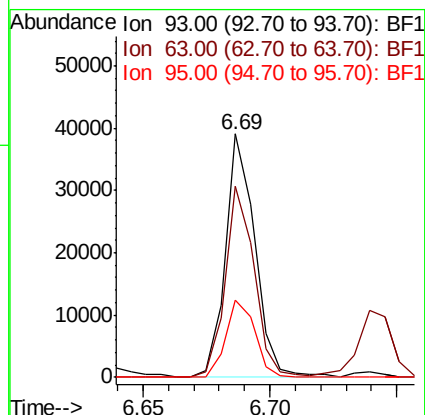
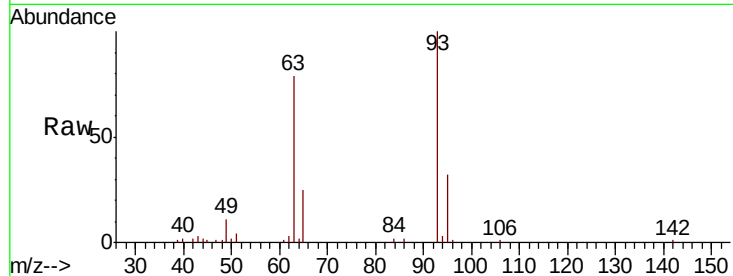




#11
bis(2-Chloroethyl)ether
Concen: 2.666 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

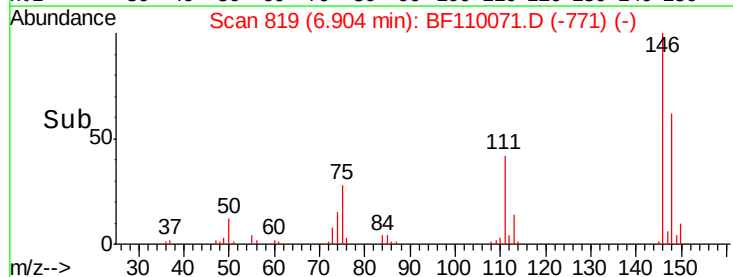
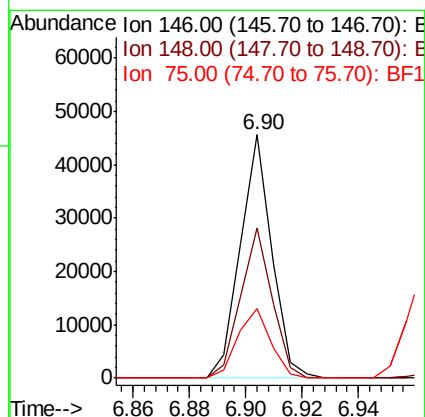
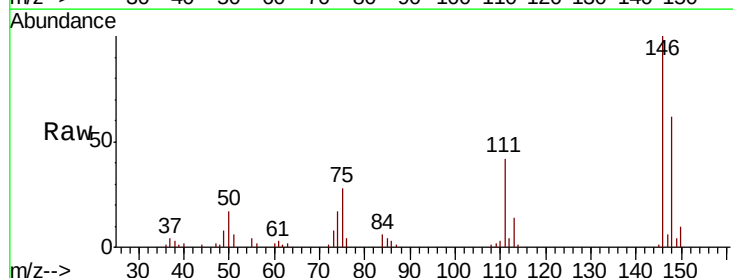
Instrument :
BNA_F
ClientSampled :

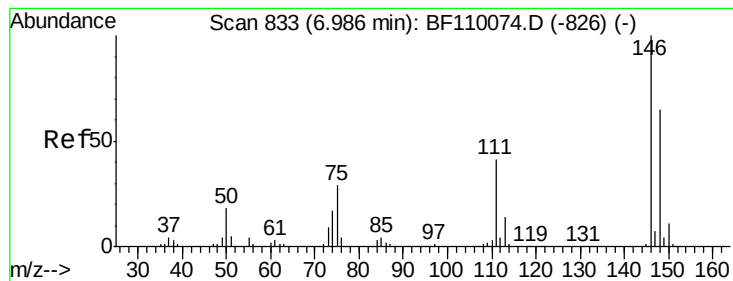
Tot Ion: 93 Resp: 31552
Ion Ratio Lower Upper
93 100
63 78.7 53.4 93.4
95 31.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 2.723 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion: 146 Resp: 35308
Ion Ratio Lower Upper
146 100
148 61.6 50.4 75.6
75 28.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 2.803 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

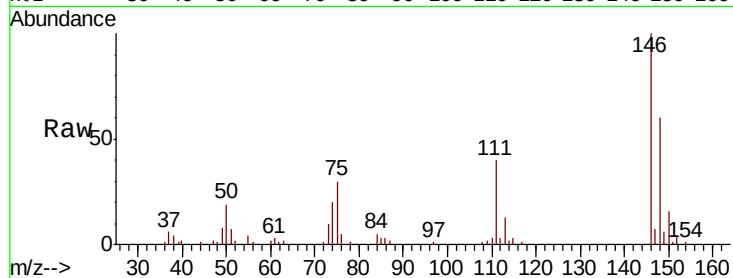
Tot Ion:146 Resp: 36612

Ion Ratio Lower Upper

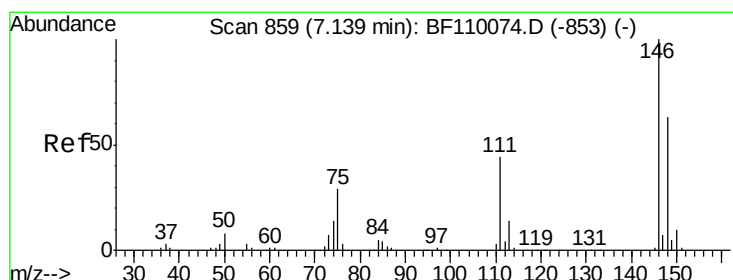
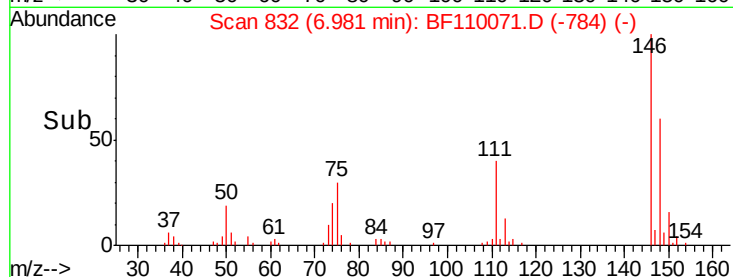
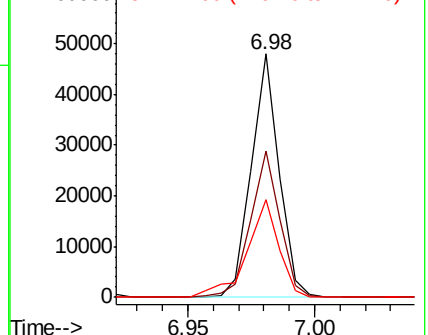
146 100

148 60.0 50.3 75.5

111 40.2 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: 2.777 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

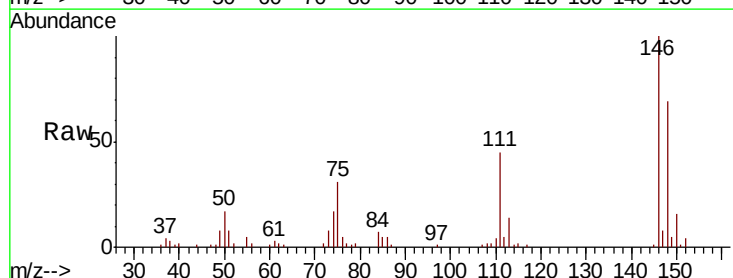
Tgt Ion:146 Resp: 33390

Ion Ratio Lower Upper

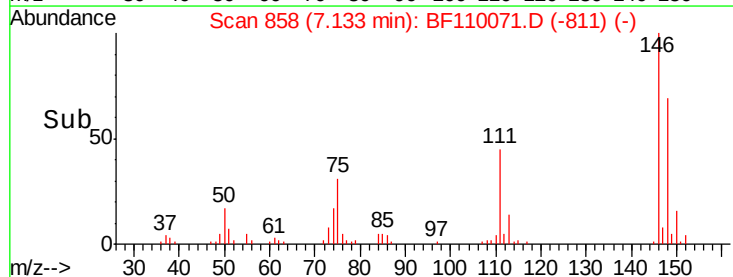
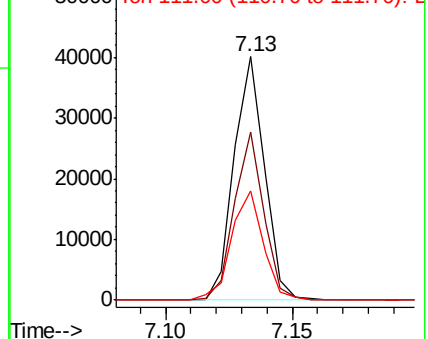
146 100

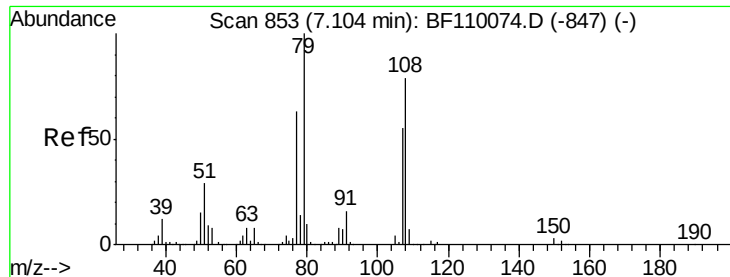
148 69.2 51.1 76.7

111 44.9 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: 2.522 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.03 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampled :

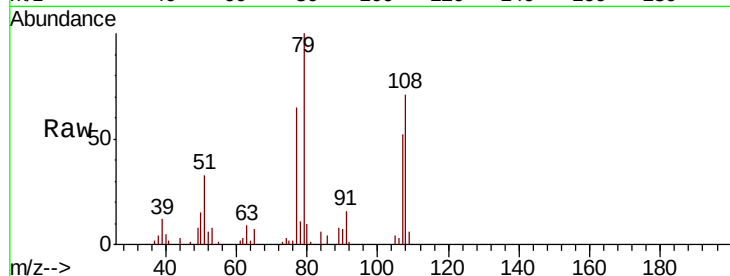
Tot Ion: 79 Resp: 25438

Ion Ratio Lower Upper

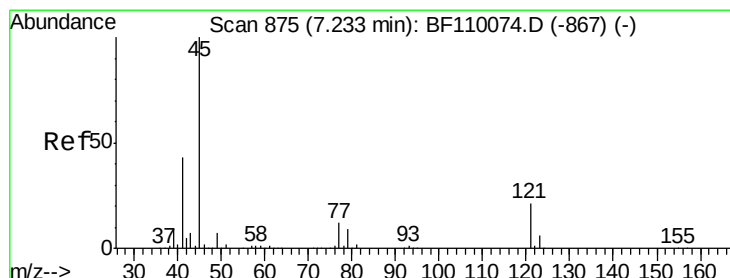
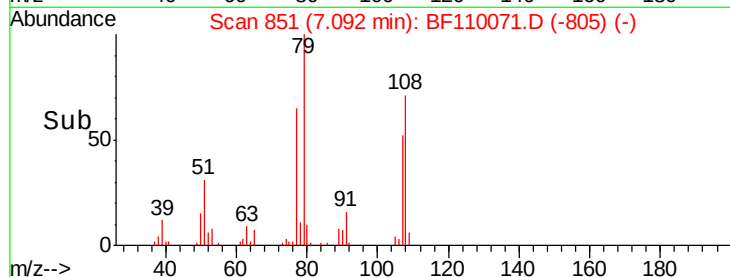
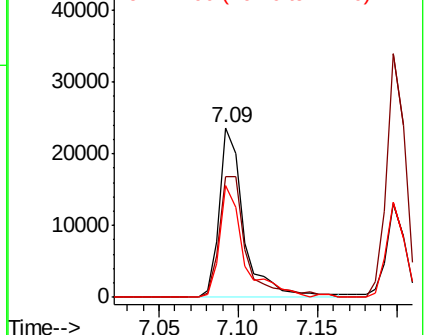
79 100

108 70.9 56.3 84.5

77 65.5 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: 2.549 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

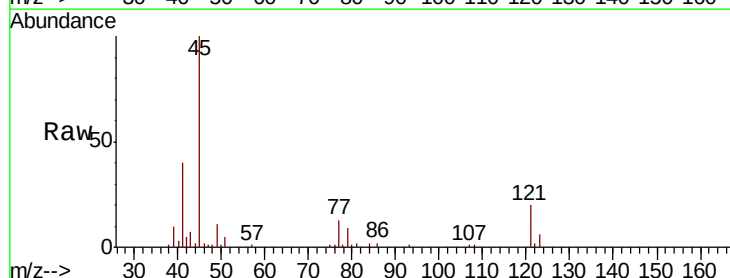
Tgt Ion: 45 Resp: 49515

Ion Ratio Lower Upper

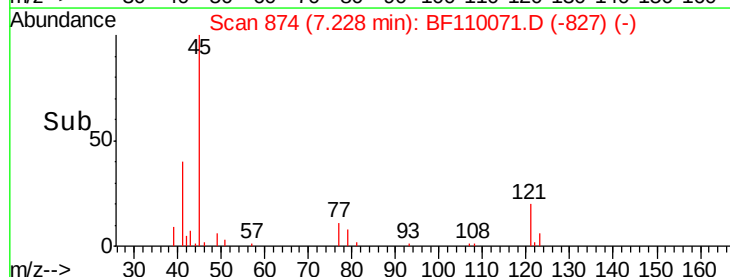
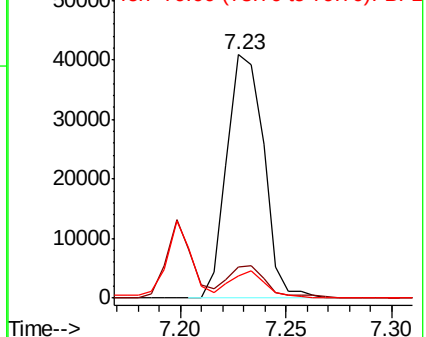
45 100

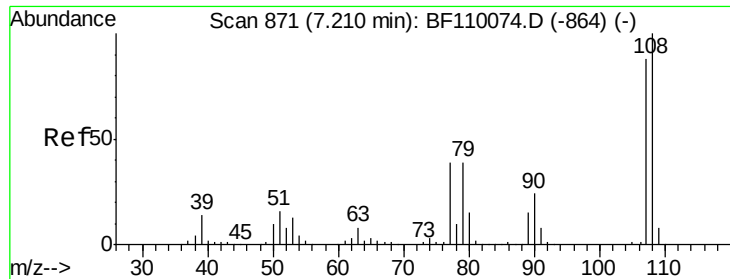
77 12.9 10.0 50.0

79 9.1 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

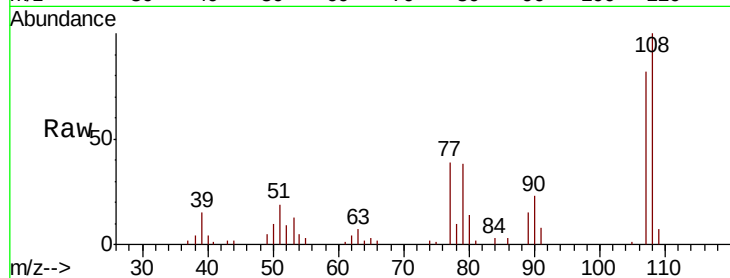




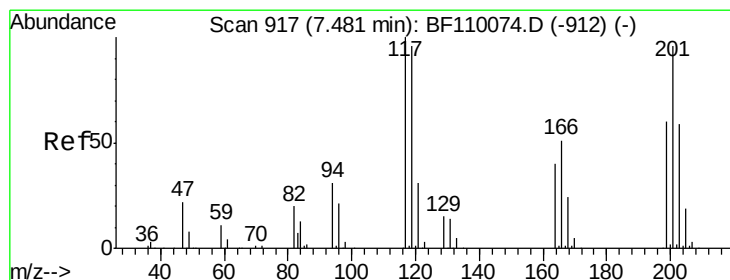
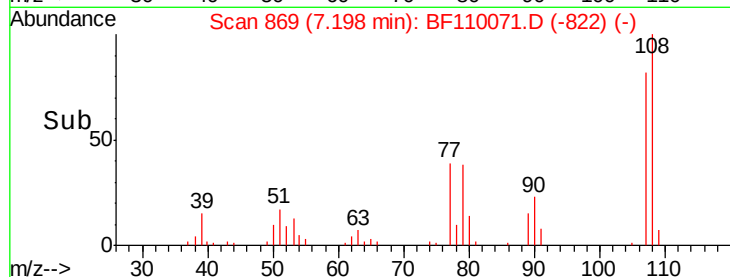
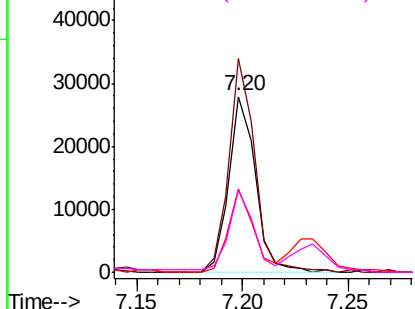
#17
2-Methylphenol
Concen: 2.563 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 24438
Ion Ratio Lower Upper
107 100
108 121.4 92.6 138.8
77 47.2 59.4 89.2#
79 46.7 54.0 81.0#

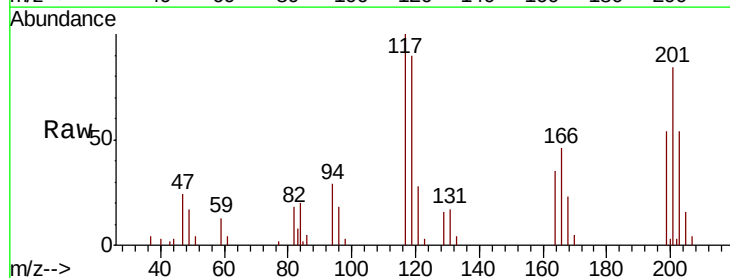


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

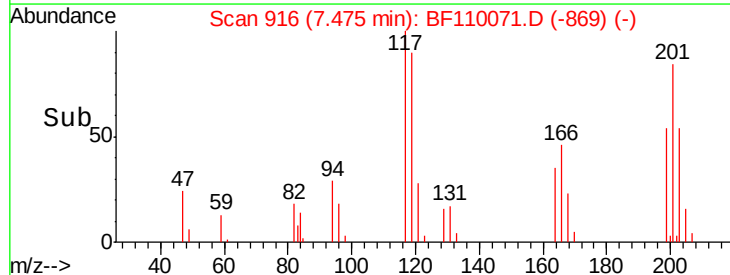
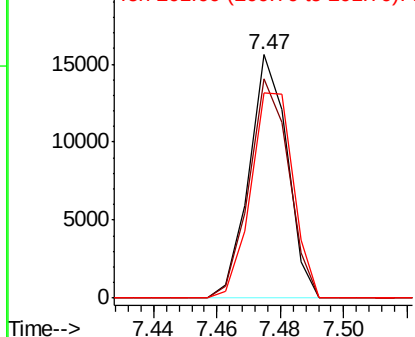


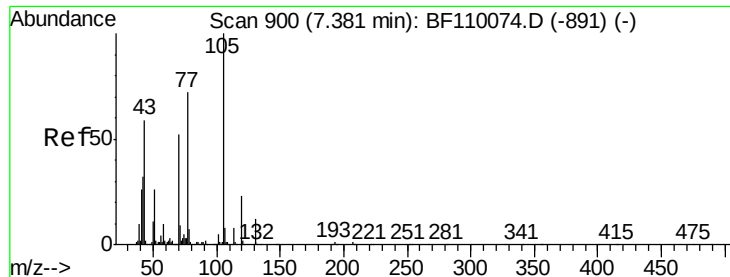
#18
Hexachloroethane
Concen: 2.815 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:117 Resp: 12990
Ion Ratio Lower Upper
117 100
119 90.3 75.0 112.6
201 84.2 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

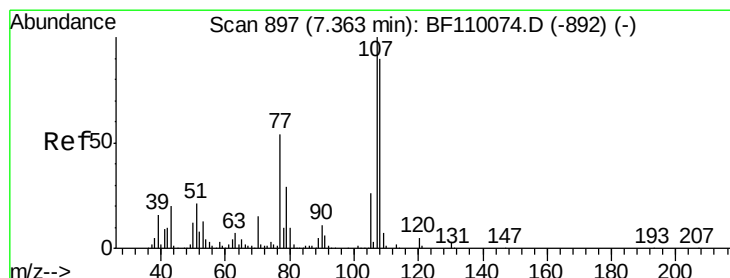
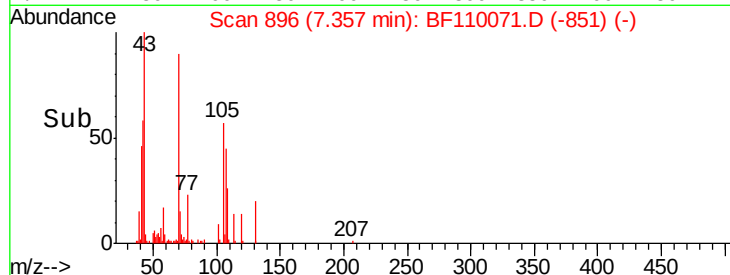
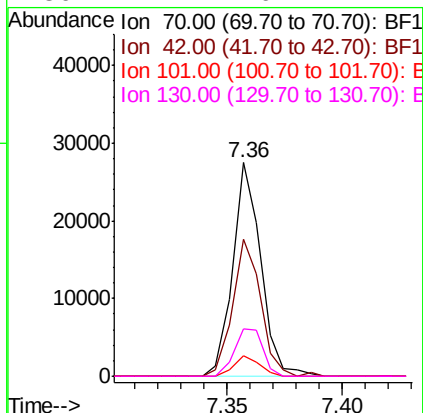
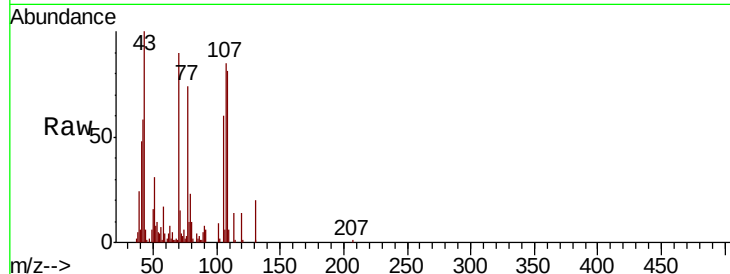




#19
n-Nitroso-di-n-propylamine
Concen: 2.765 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.04 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

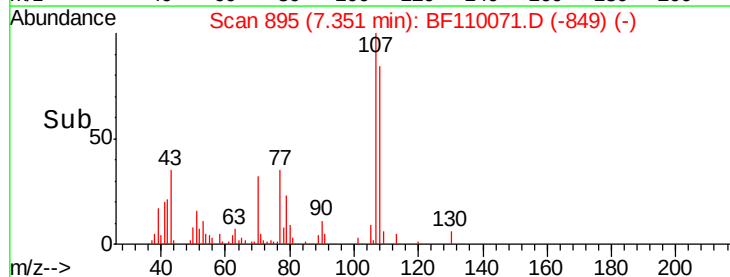
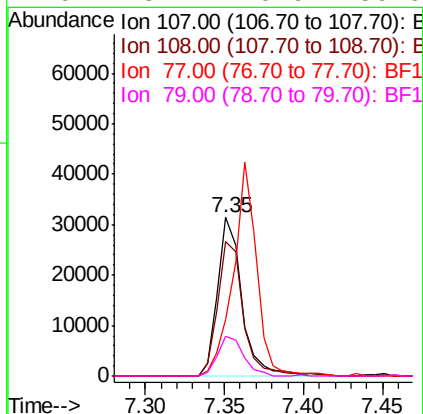
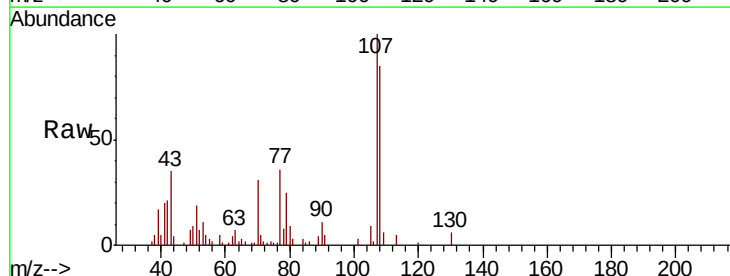
Instrument :
BNA_F
ClientSampleId :

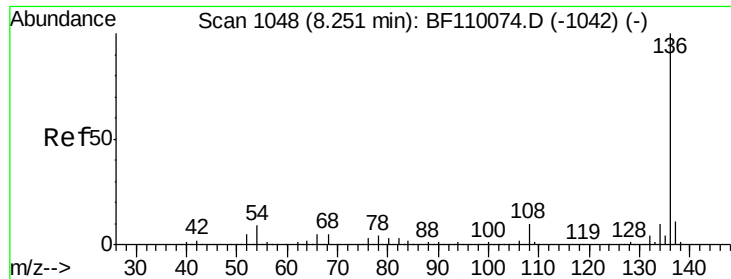
Tot Ion: 70 Resp: 23273
Ion Ratio Lower Upper
70 100
42 64.2 47.4 71.2
101 9.5 7.3 10.9
130 22.4 16.2 24.2



#20
3+4-Methylphenols
Concen: 2.778 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:107 Resp: 33620
Ion Ratio Lower Upper
107 100
108 85.1 71.4 111.4
77 35.9 47.3 87.3#
79 25.2 10.9 50.9

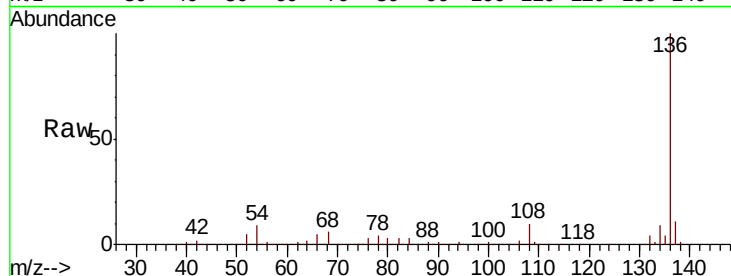




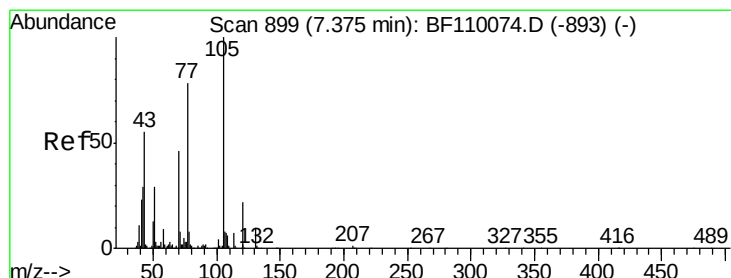
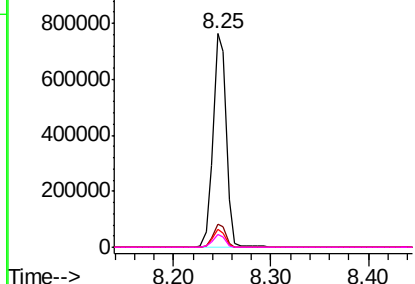
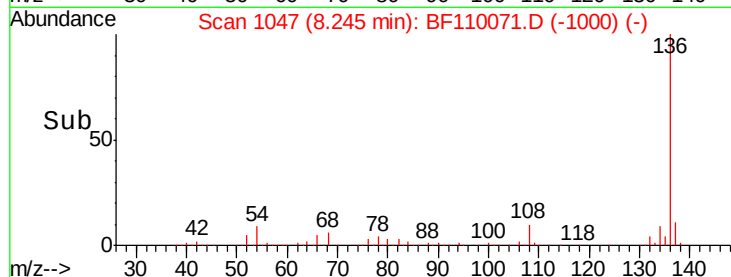
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	714995
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.5	5.4 8.2#
68	6.0	4.2 6.2

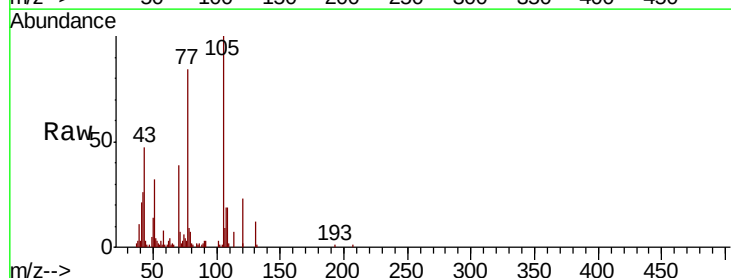


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

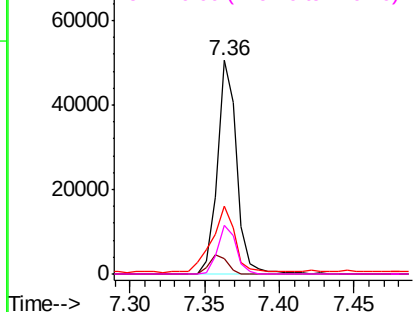
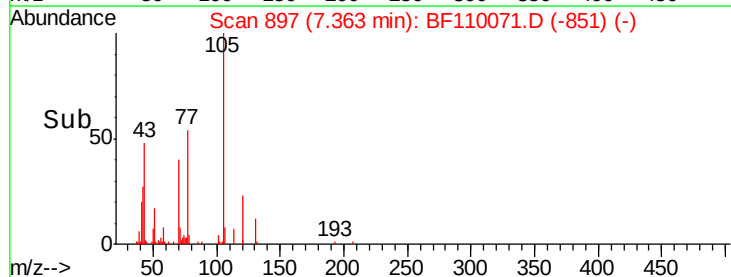


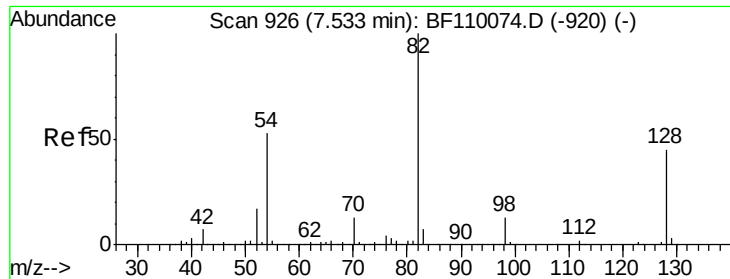
#22
Acetophenone
Concen: 2.760 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:105	Resp:	45768
Ion Ratio	Lower	Upper
105	100	
71	7.4	5.2 7.8
51	31.8	21.8 32.8
120	22.7	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

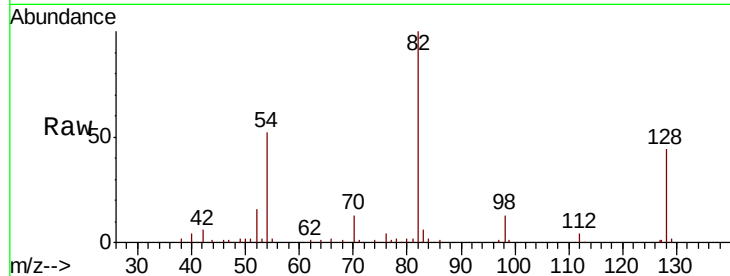




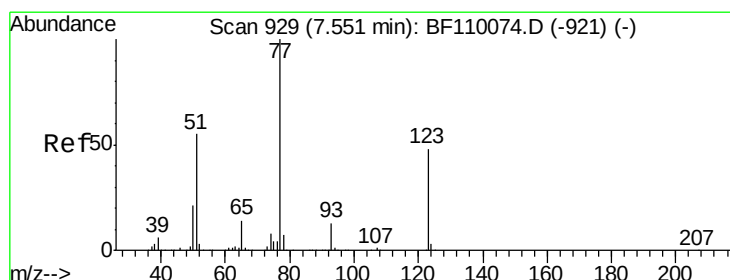
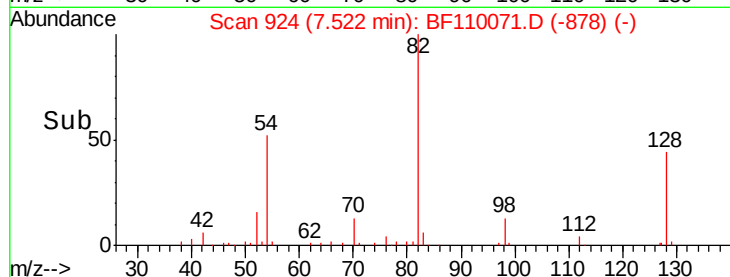
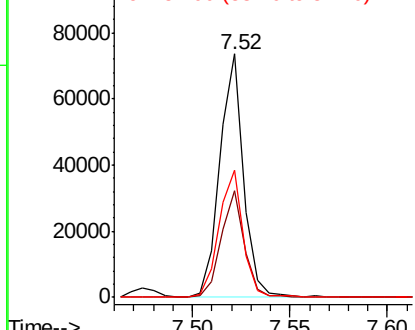
#23
 Nitrobenzene-d5
 Concen: 5.827 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.03 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 61850
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.2 51.2
 54 52.0 38.6 58.0

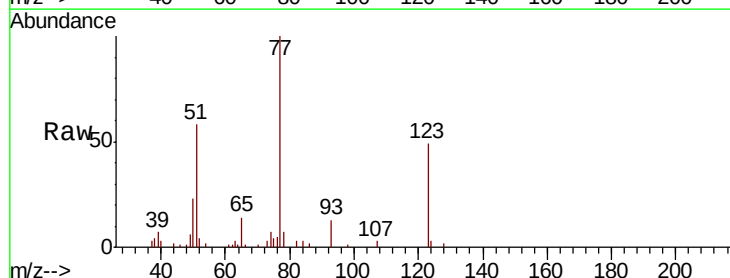


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

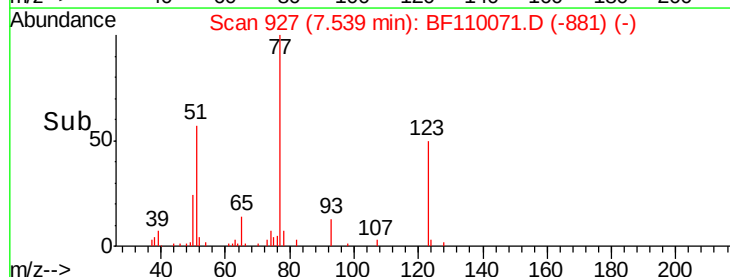
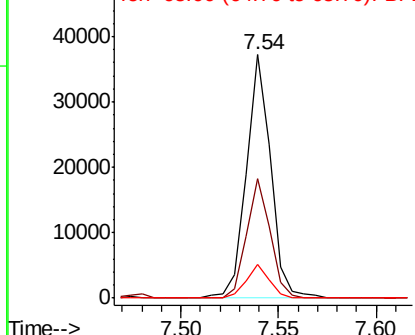


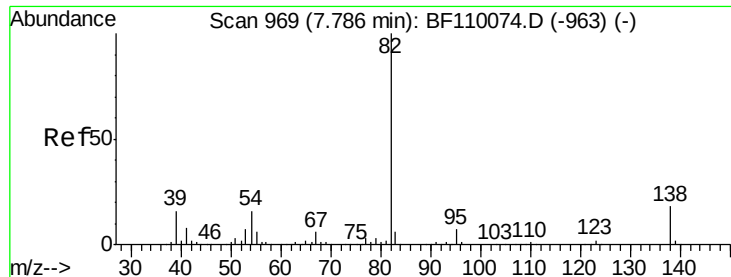
#24
 Nitrobenzene
 Concen: 2.787 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion: 77 Resp: 32130
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.7 53.5
 65 13.6 10.7 16.1



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





#25

Isophorone

Concen: 2.567 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

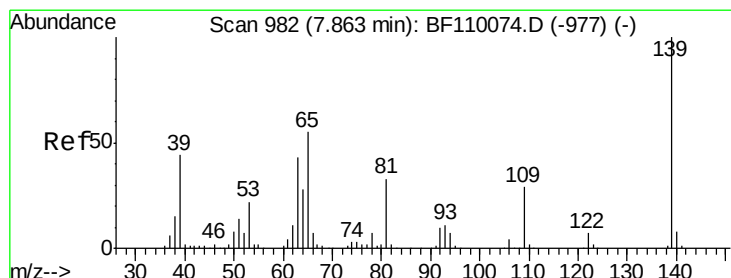
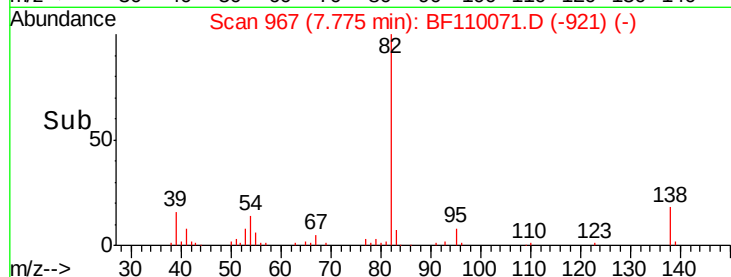
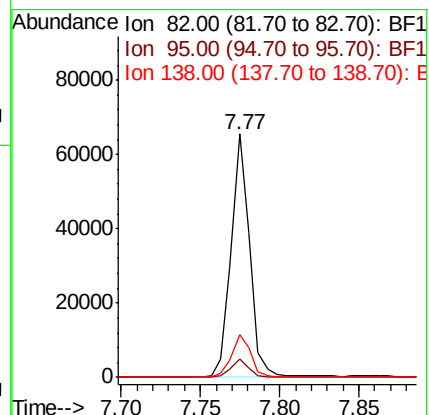
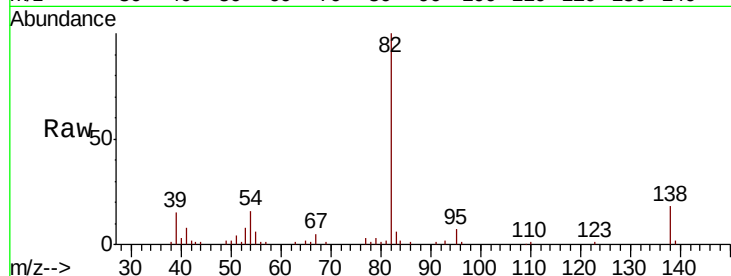
Tot Ion: 82 Resp: 53535

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 17.6 13.2 19.8



#26

2-Nitrophenol

Concen: 2.647 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

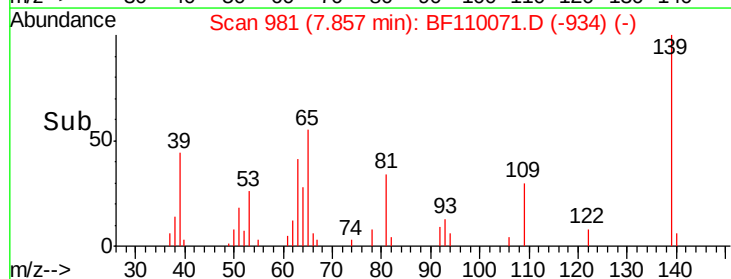
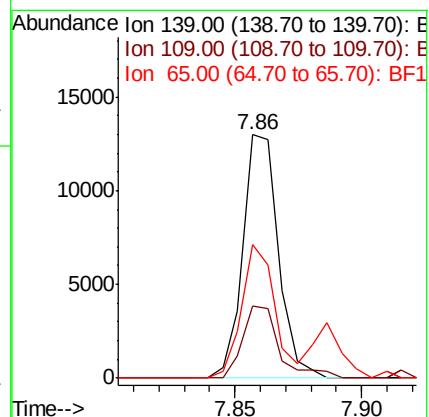
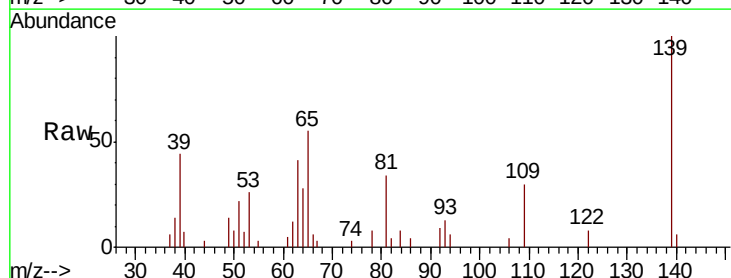
Tgt Ion: 139 Resp: 12656

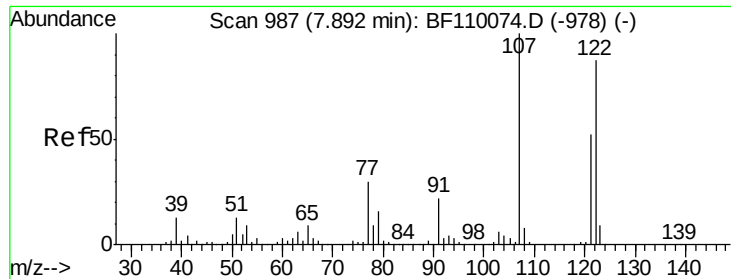
Ion Ratio Lower Upper

139 100

109 29.7 25.0 37.6

65 55.0 44.0 66.0

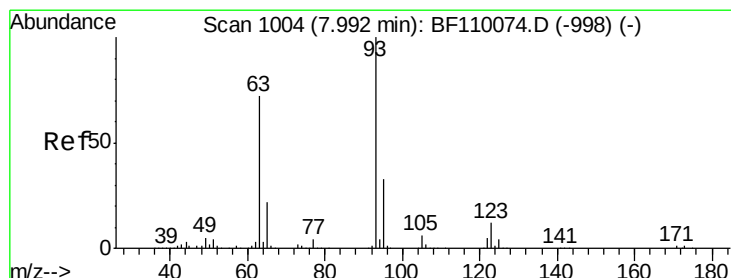
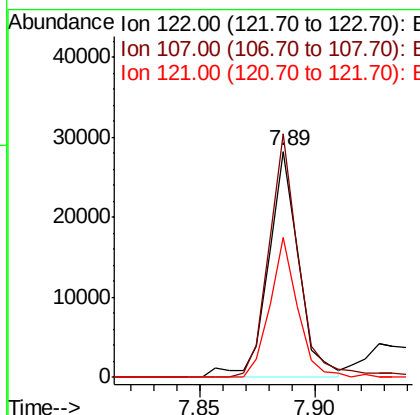
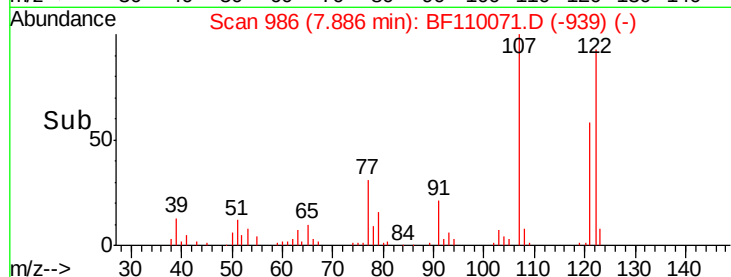
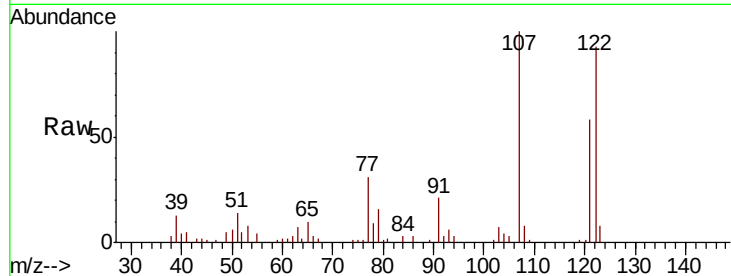




#27
2,4-Dimethylphenol
Concen: 2.567 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

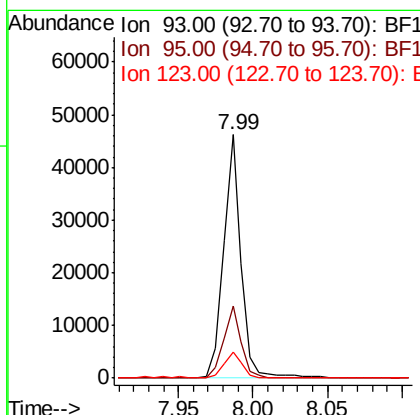
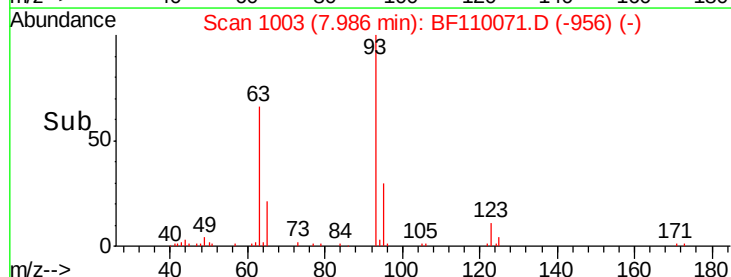
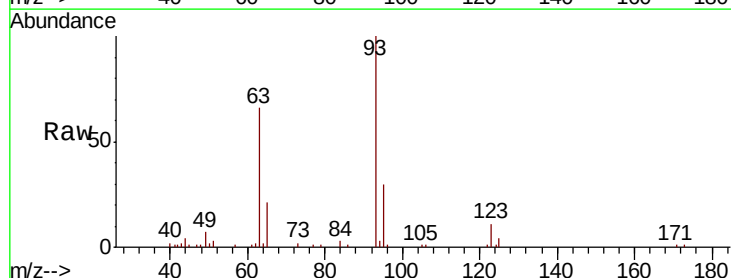
Instrument :
BNA_F
ClientSampleId :

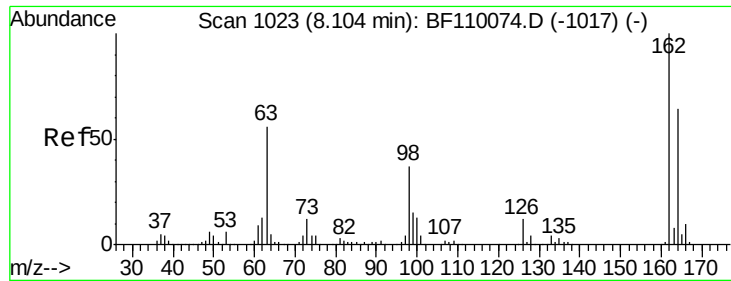
Tot Ion:122 Resp: 25782
Ion Ratio Lower Upper
122 100
107 107.8 92.5 138.7
121 62.0 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.676 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion: 93 Resp: 38308
Ion Ratio Lower Upper
93 100
95 29.5 26.4 39.6
123 10.7 9.0 13.6

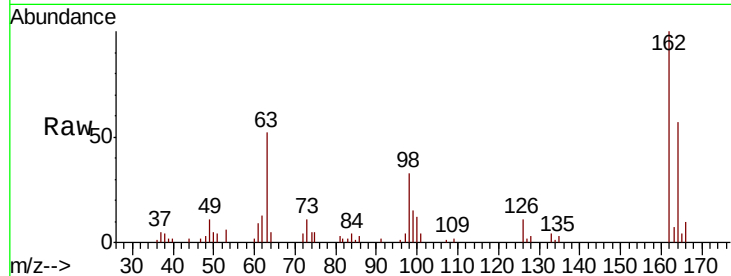




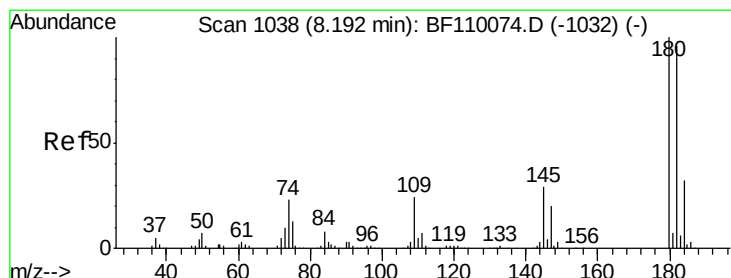
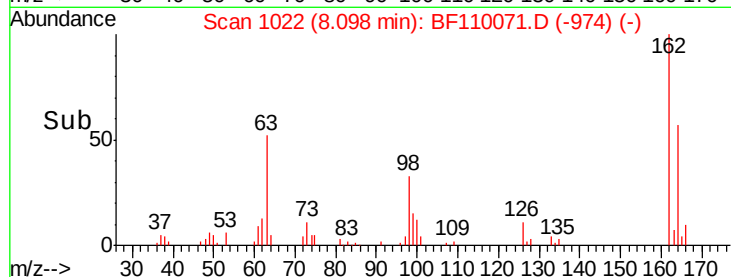
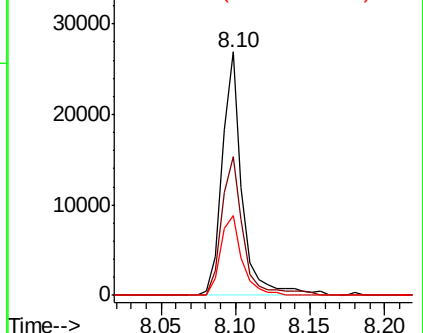
#29
 2,4-Dichlorophenol
 Concen: 2.612 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	57.1	44.6	84.6
98	32.6	17.4	57.4

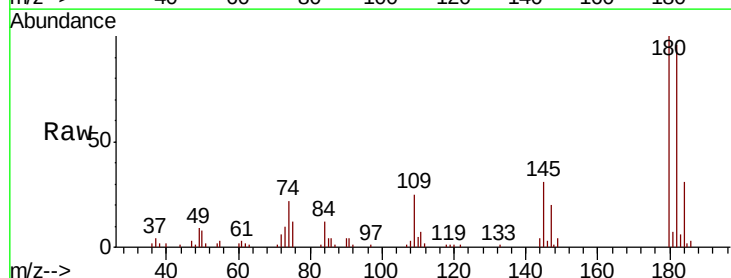


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

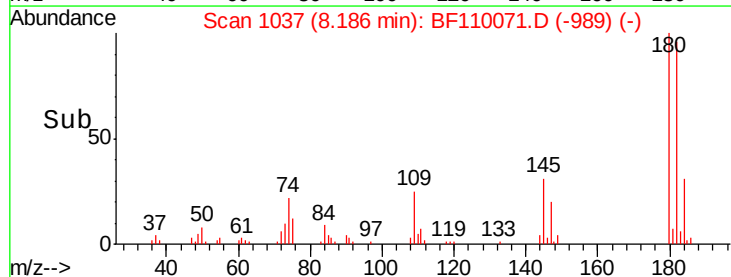
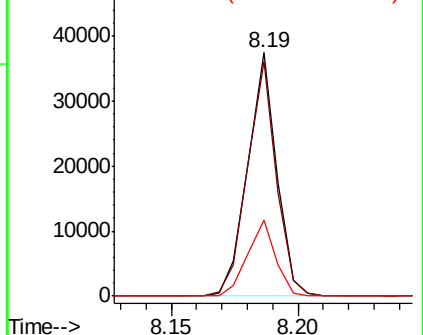


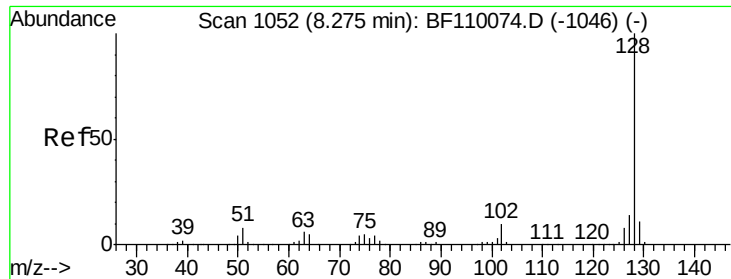
#30
 1,2,4-Trichlorobenzene
 Concen: 2.734 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	80.3	120.5
145	31.3	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

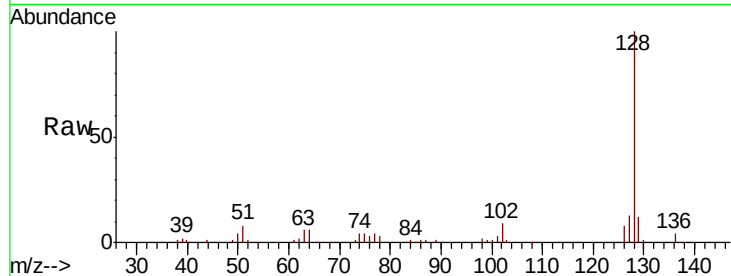




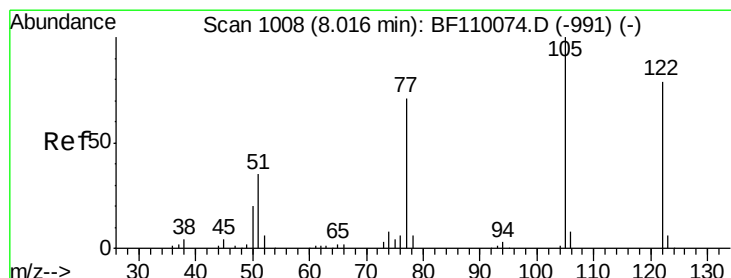
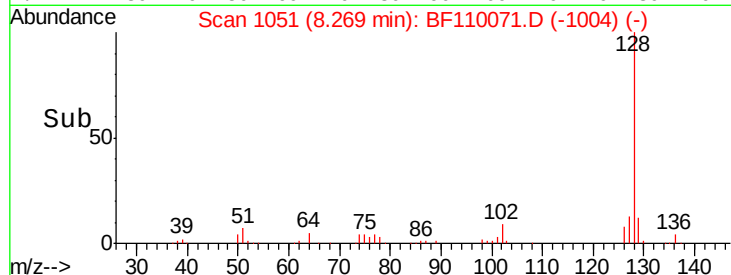
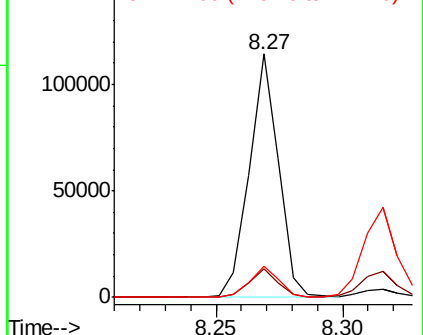
#31
Naphthalene
Concen: 2.819 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 92421
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.7 10.8 16.2

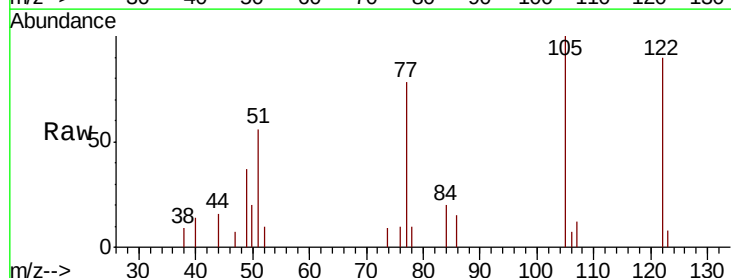


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

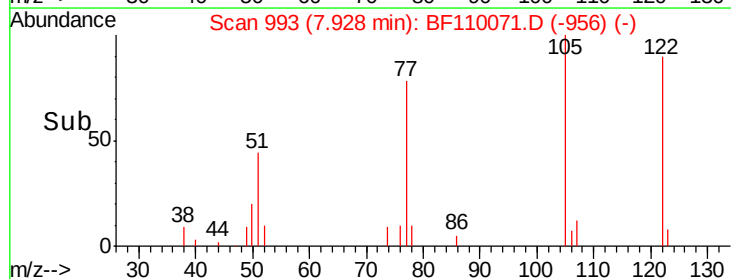
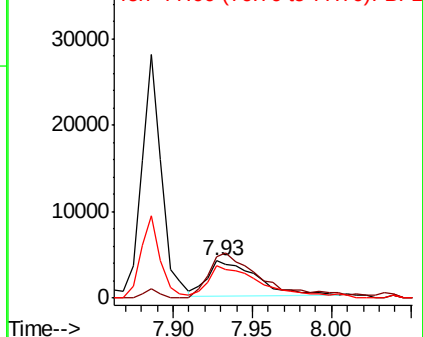


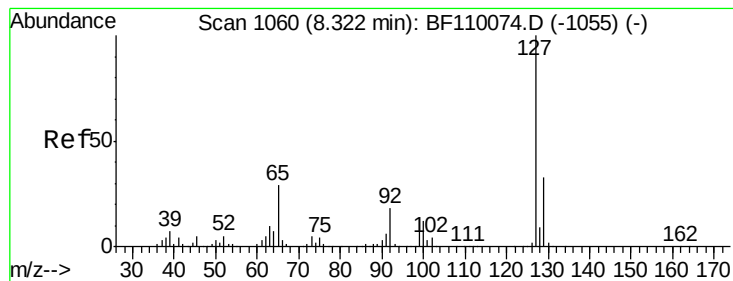
#32
Benzoic acid
Concen: 1.436 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.08 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:122 Resp: 8985
Ion Ratio Lower Upper
122 100
105 111.5 109.0 149.0
77 87.4 79.0 119.0



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





#33

4-Chloroaniline

Concen: 2.754 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 40588

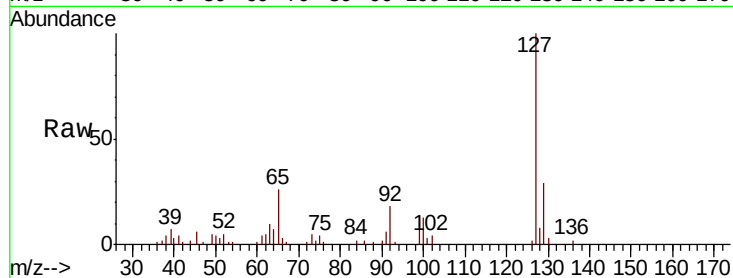
Ion Ratio Lower Upper

127 100

129 29.1 26.0 39.0

65 25.9 25.1 37.7

92 18.2 15.0 22.6

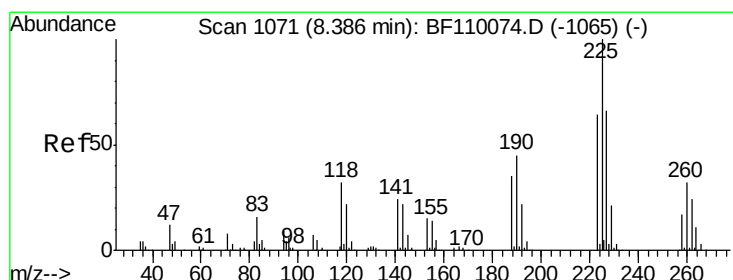
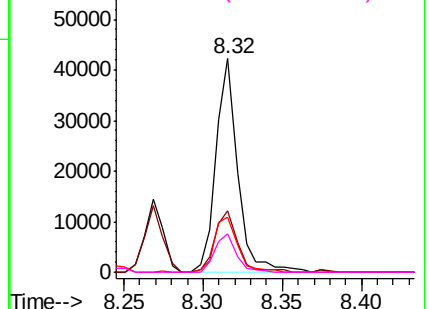
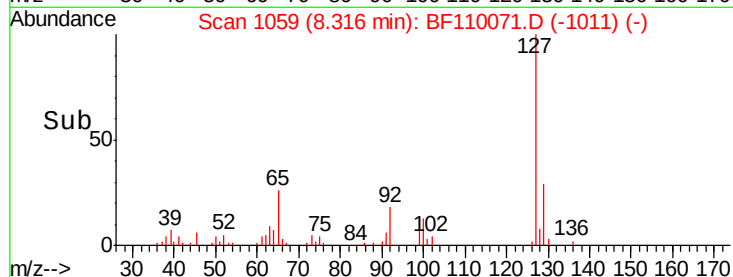


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 2.758 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

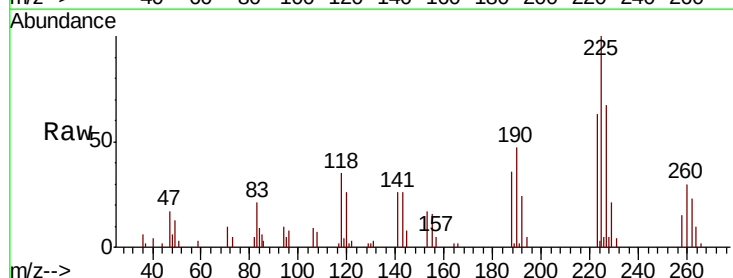
Tgt Ion:225 Resp: 16597

Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.2

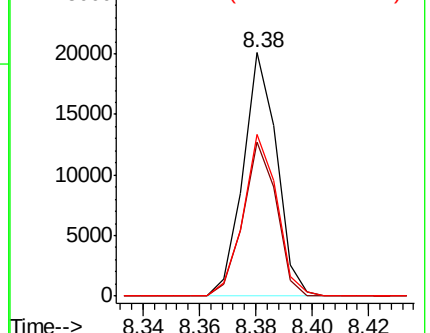
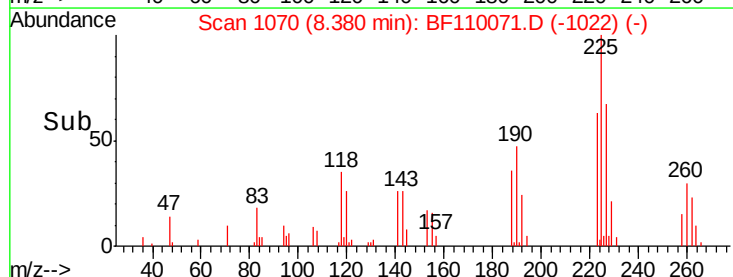
227 66.6 51.0 76.6

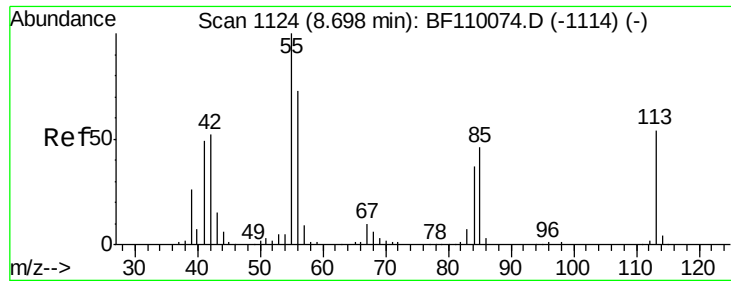


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

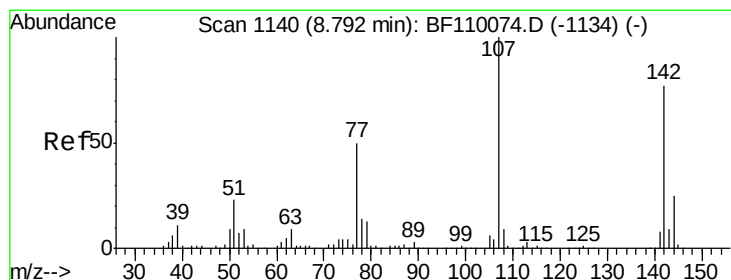
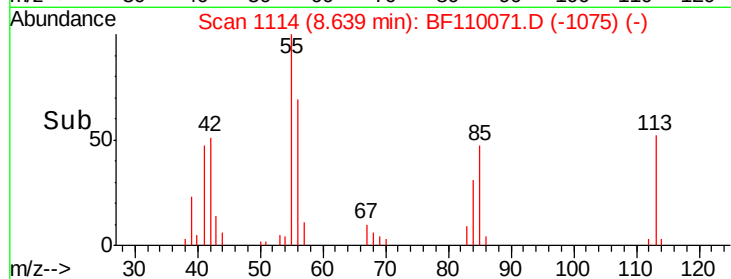
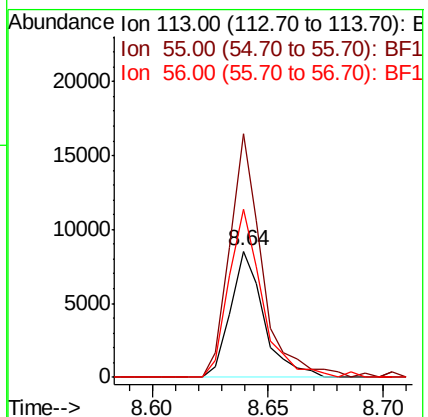
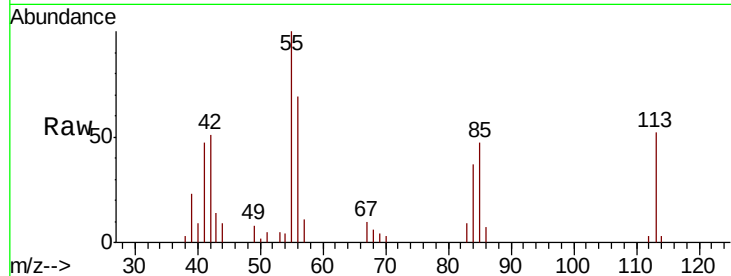




#35
 Caprolactam
 Concen: 2.479 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.07 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

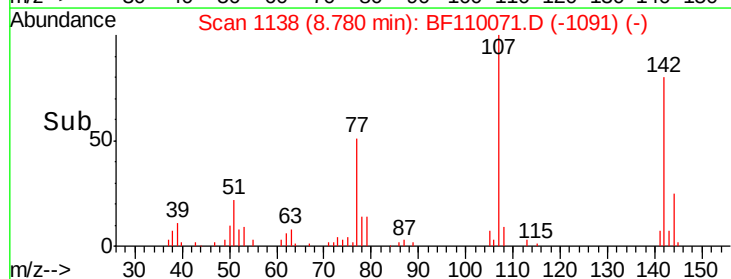
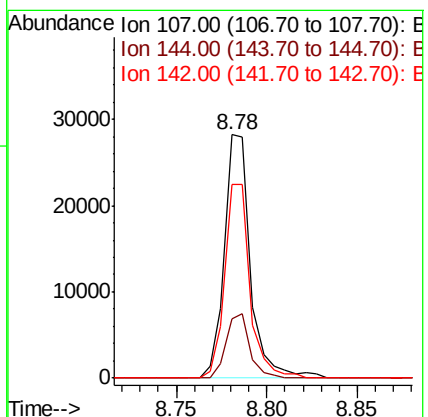
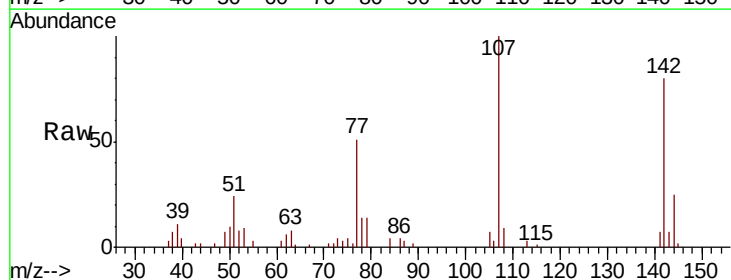
Instrument :
 BNA_F
 ClientSampleId :

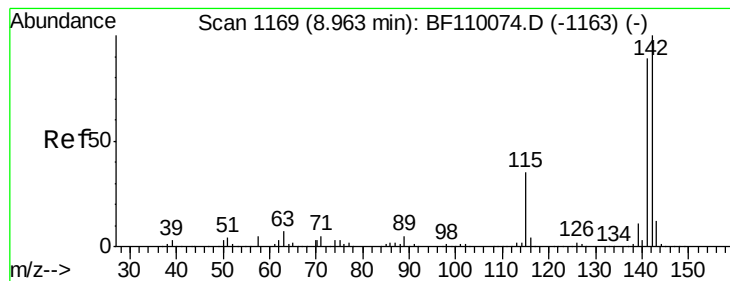
Tot Ion:113 Resp: 8581
 Ion Ratio Lower Upper
 113 100
 55 193.0 142.8 182.8#
 56 132.9 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 2.754 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion:107 Resp: 28311
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.0 30.0
 142 79.5 59.7 89.5





#37

2-Methylnaphthalene

Concen: 2.917 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

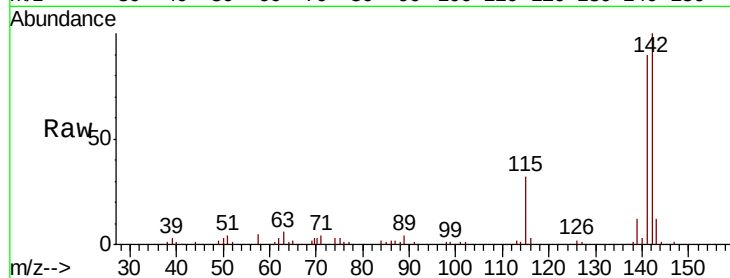
Tot Ion:142 Resp: 61940

Ion Ratio Lower Upper

142 100

141 89.6 71.4 107.2

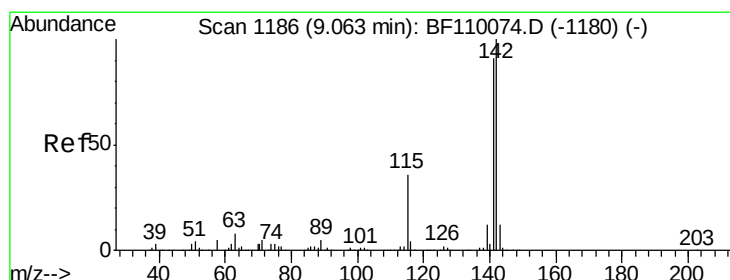
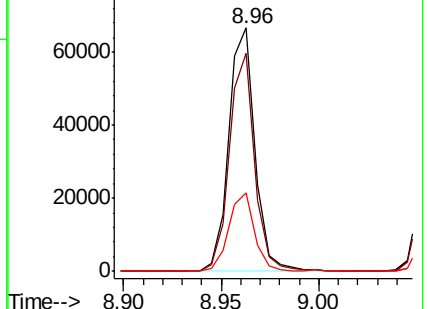
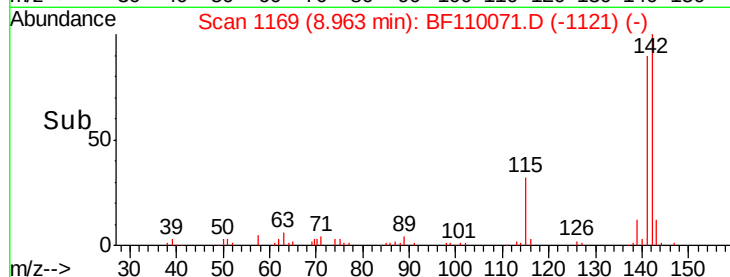
115 32.2 28.7 43.1



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: 3.011 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.12 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

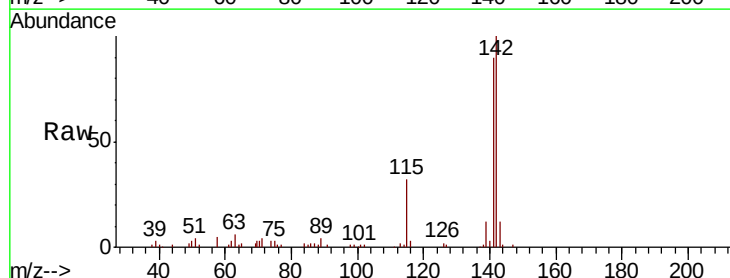
Tgt Ion:142 Resp: 61940

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4

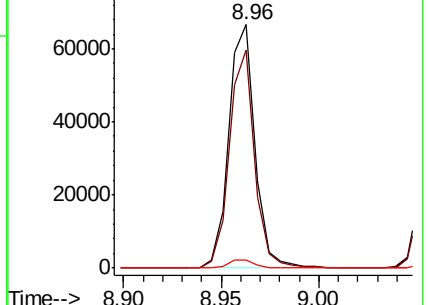
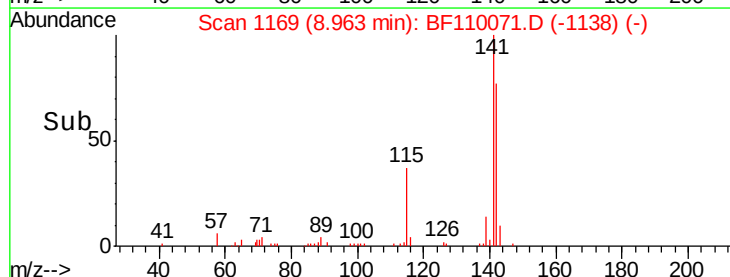
116 3.5 2.6 4.0

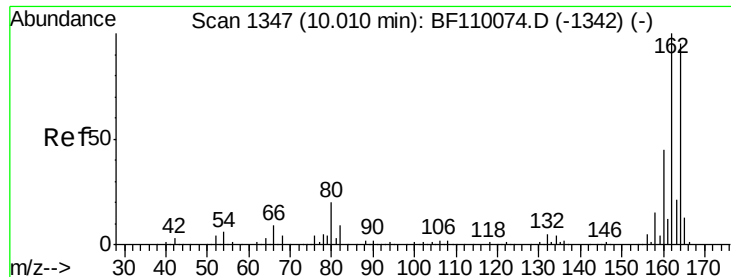


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampled :

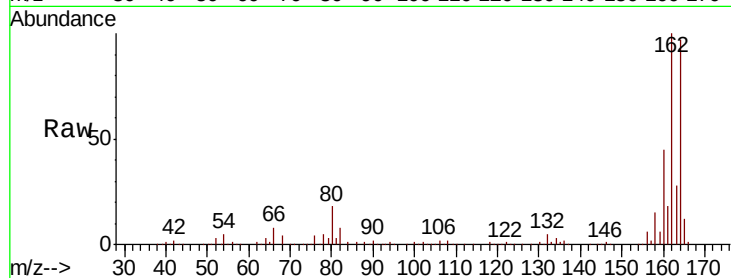
Tot Ion:164 Resp: 350648

Ion Ratio Lower Upper

164 100

162 102.6 83.0 124.6

160 46.6 37.0 55.6

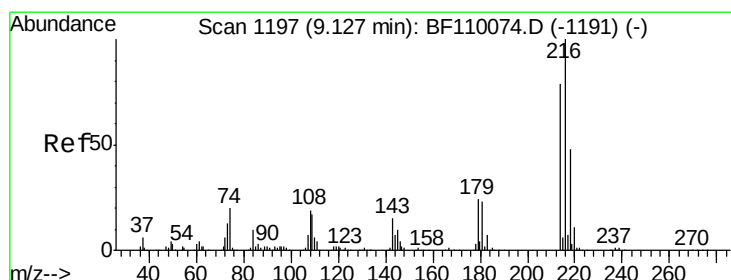
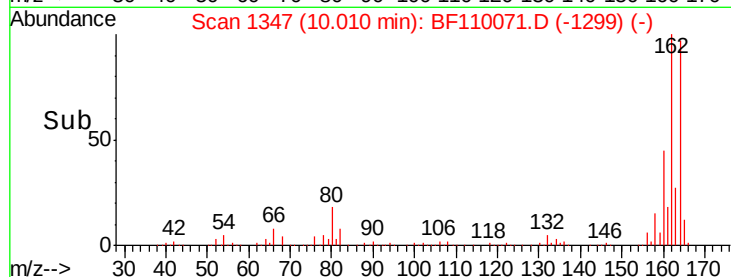
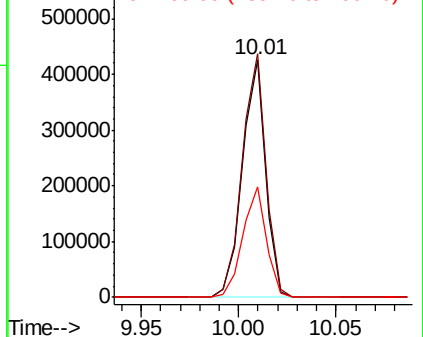


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.805 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Tgt Ion:216 Resp: 30293

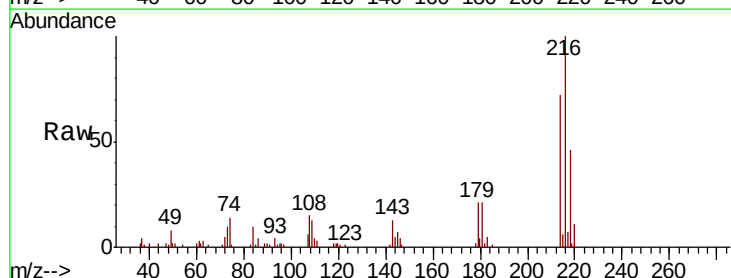
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 21.3 16.6 25.0

108 18.9 15.1 22.7



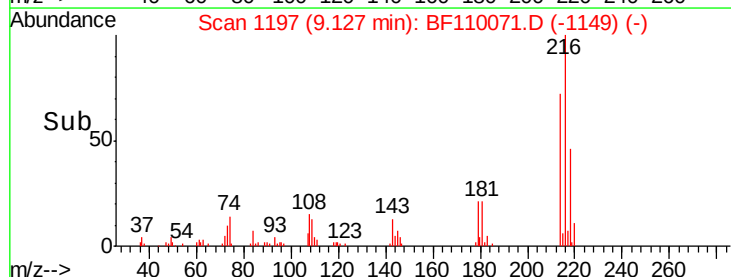
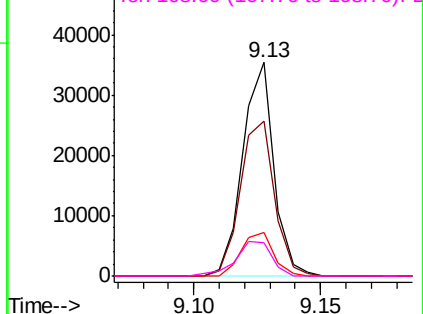
Abundance

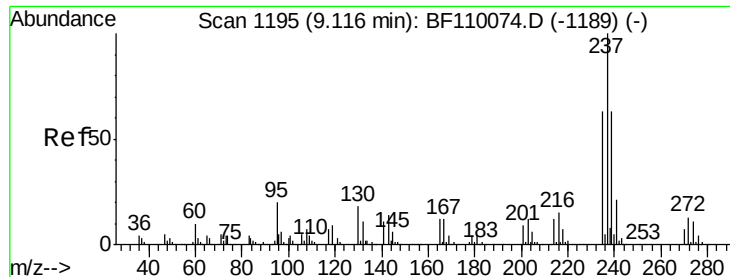
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 2.225 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

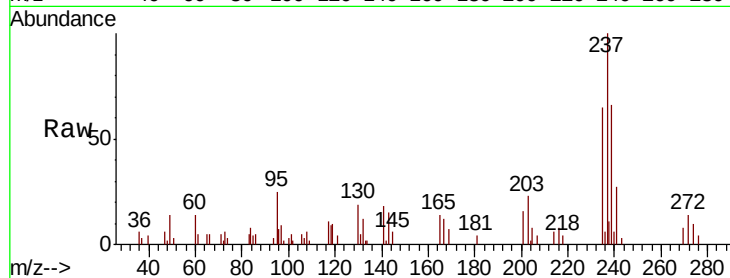
Tot Ion:237 Resp: 11599

Ion Ratio Lower Upper

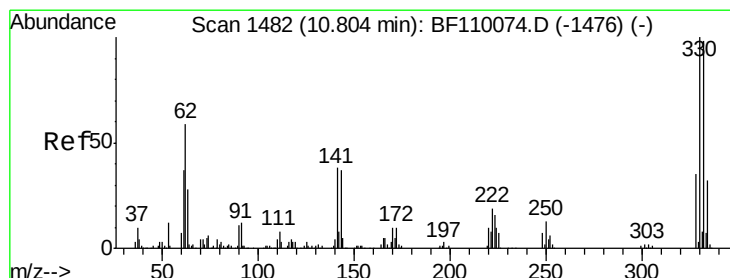
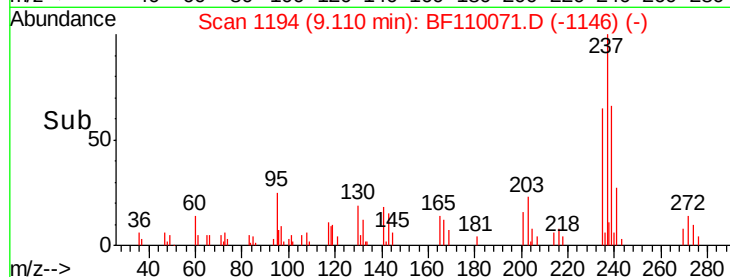
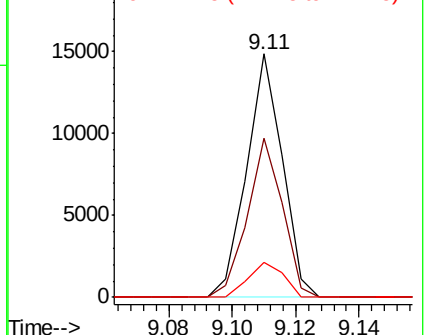
237 100

235 65.4 43.1 83.1

272 14.4 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: 6.167 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

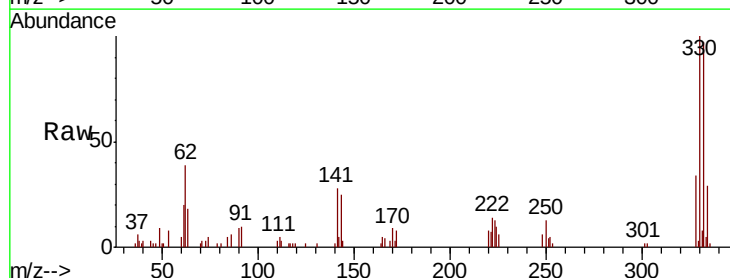
Tgt Ion:330 Resp: 18722

Ion Ratio Lower Upper

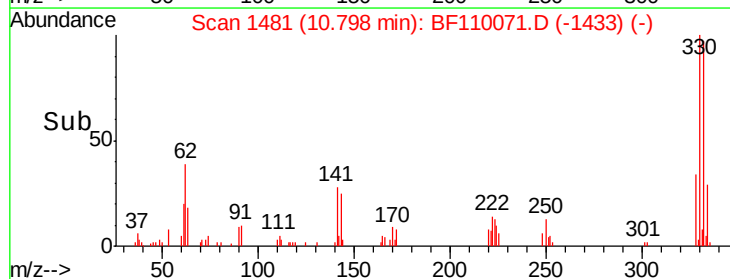
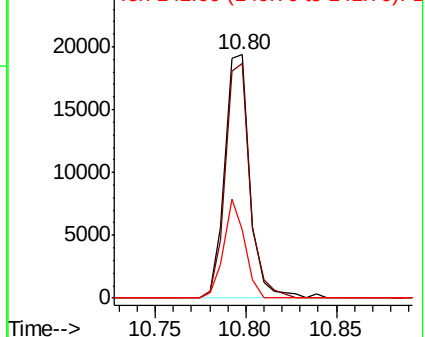
330 100

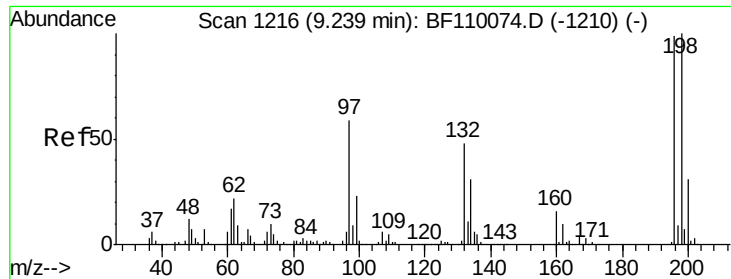
332 94.0 77.1 115.7

141 33.9 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

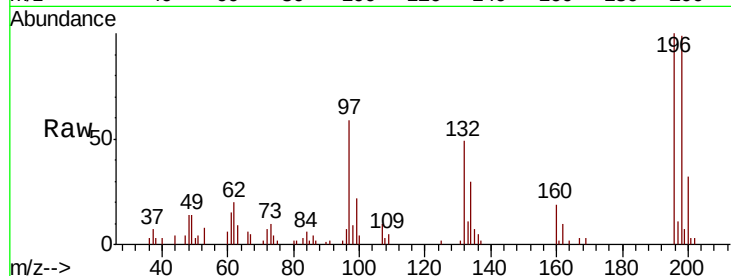




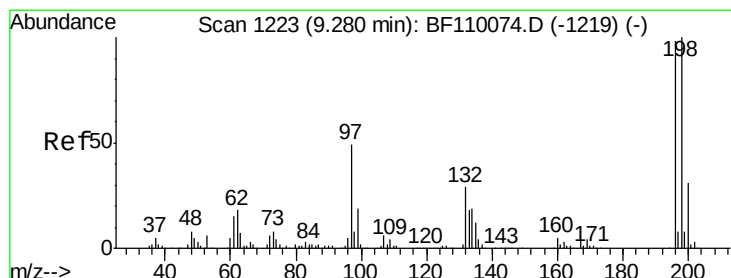
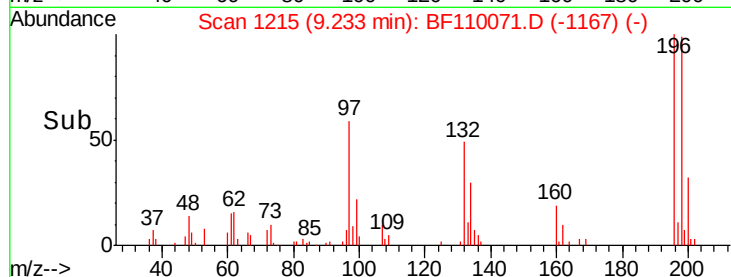
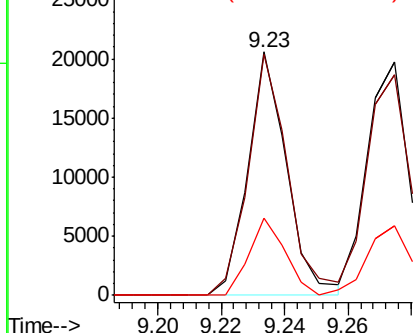
#43
 2,4,6-Trichlorophenol
 Concen: 2.592 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.2	114.4
200	31.9	24.4	36.6



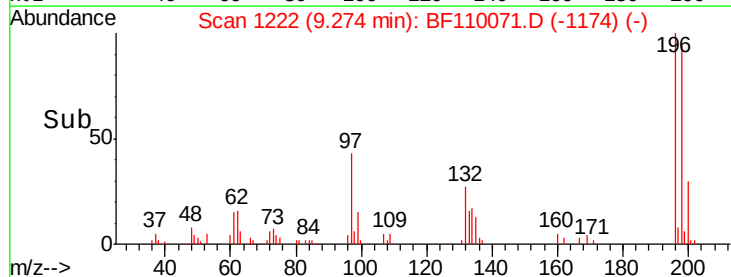
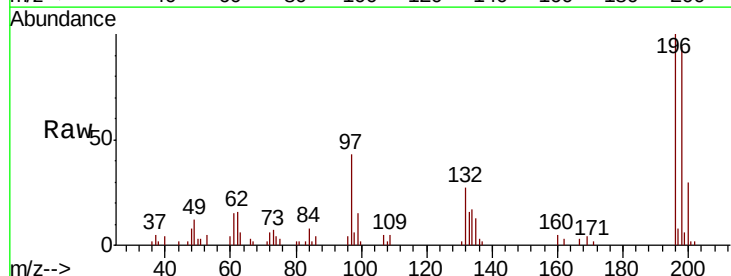
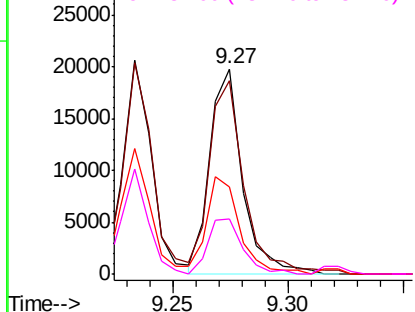
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

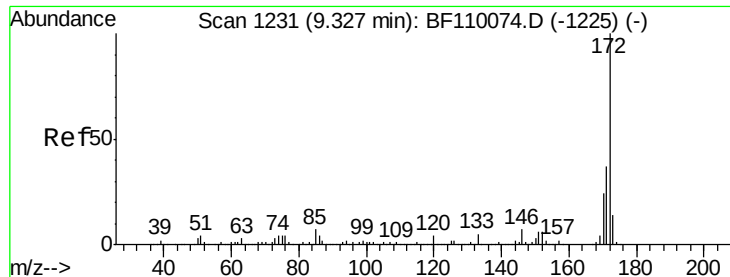


#44
 2,4,5-Trichlorophenol
 Concen: 2.785 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.8	113.6
97	42.7	42.4	63.6
132	26.6	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

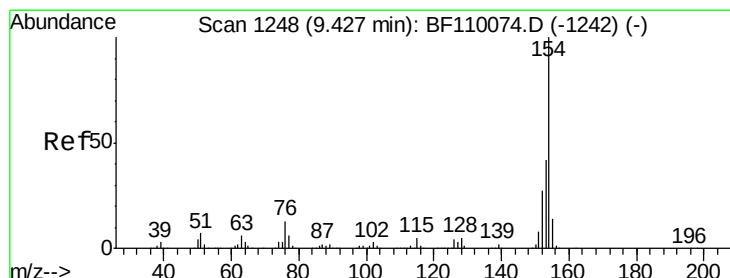
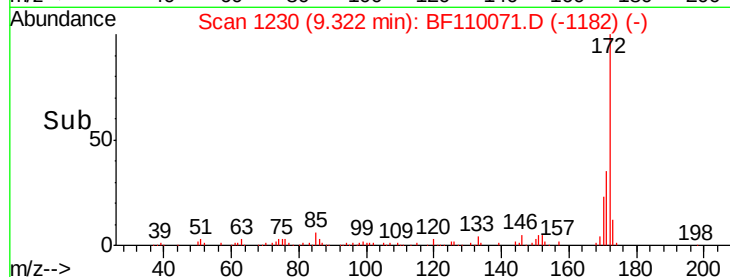
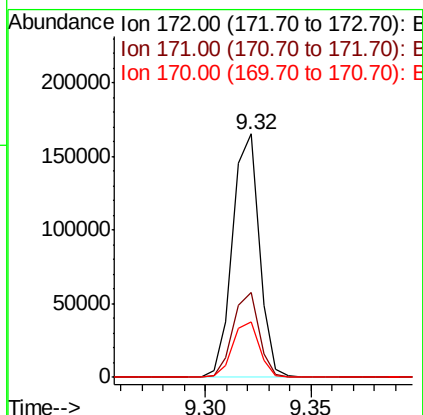
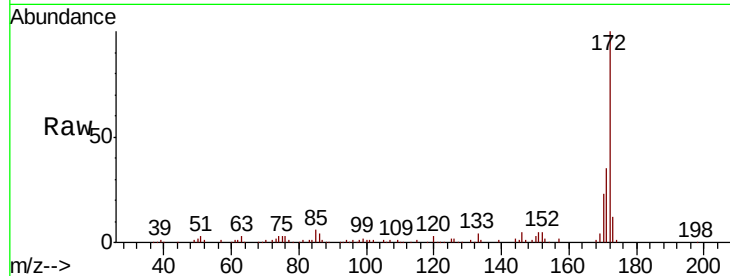




#45
2-Fluorobiphenyl
Concen: 6.570 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

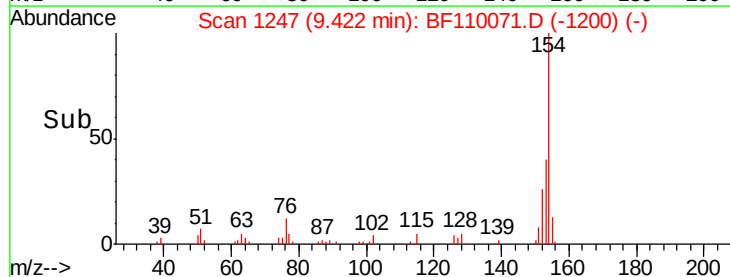
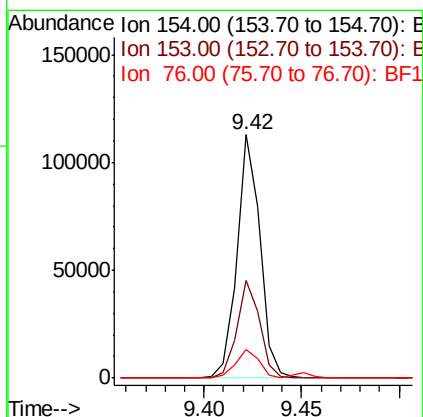
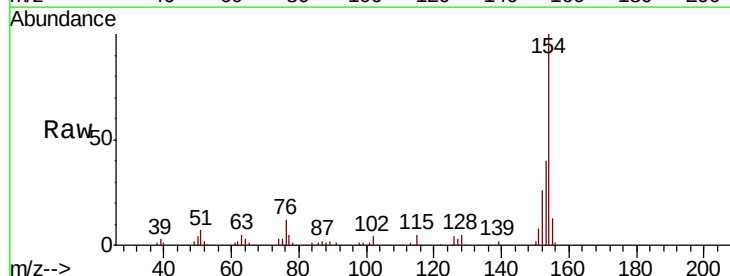
Instrument :
BNA_F
ClientSampleId :

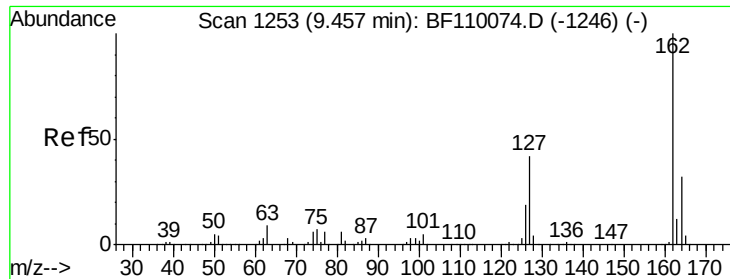
Tot Ion:172 Resp: 144384
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 19.7 29.5



#46
1,1'-Biphenyl
Concen: 2.942 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:154 Resp: 91916
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.9 0.0 31.9





#47

2-Chloronaphthalene

Concen: 2.823 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

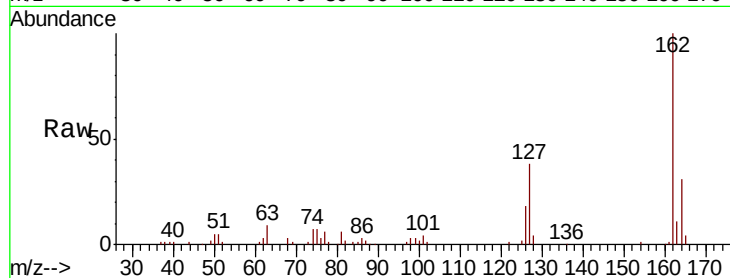
Tot Ion:162 Resp: 64956

Ion Ratio Lower Upper

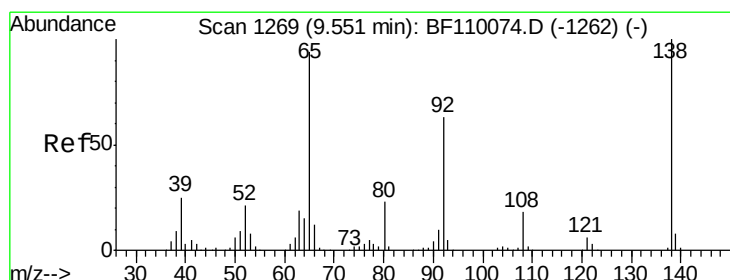
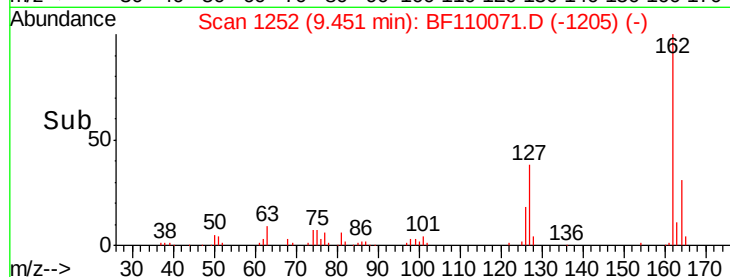
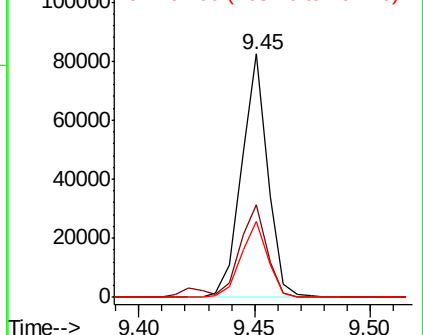
162 100

127 37.9 32.6 48.8

164 31.3 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: 2.745 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

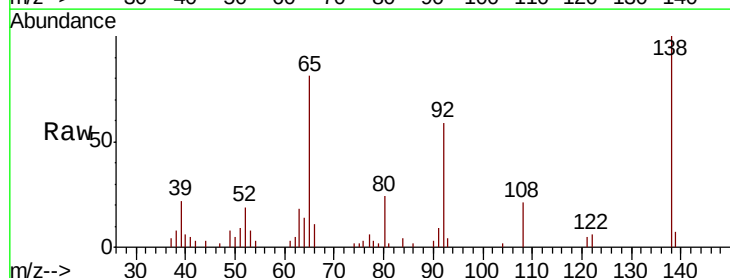
Tgt Ion: 65 Resp: 16210

Ion Ratio Lower Upper

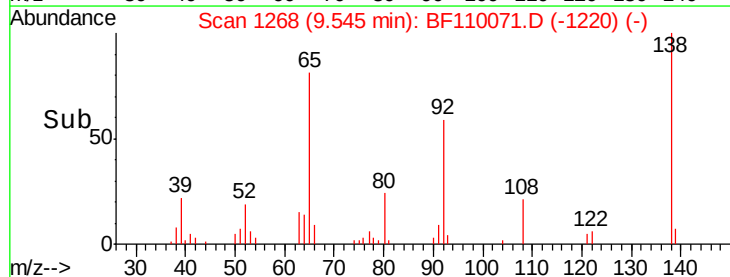
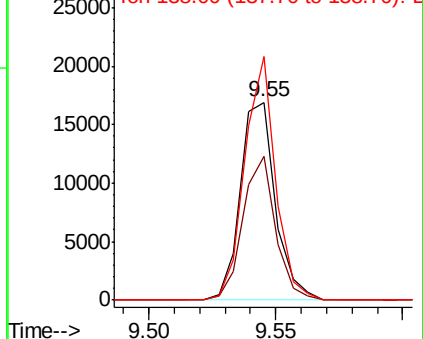
65 100

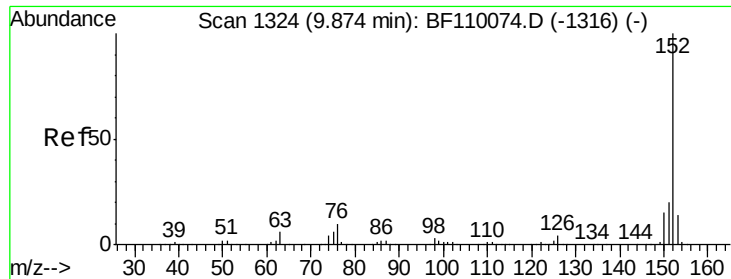
92 72.6 54.6 81.8

138 123.2 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: 2.832 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

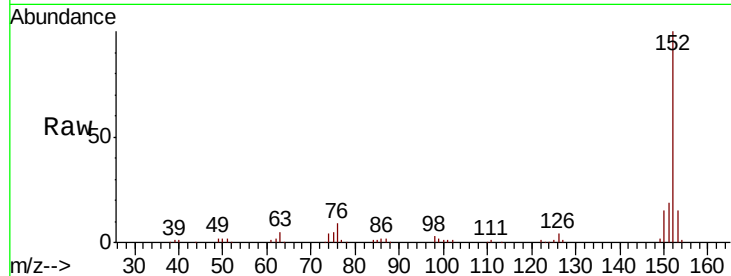
Tot Ion:152 Resp: 94678

Ion Ratio Lower Upper

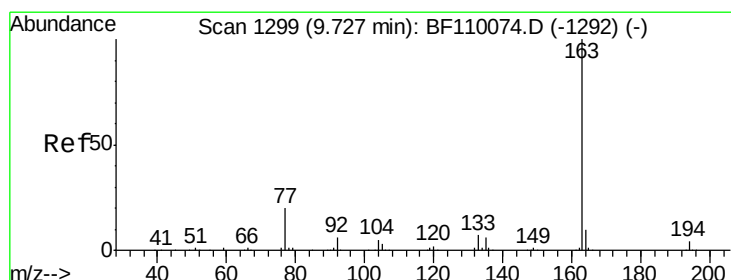
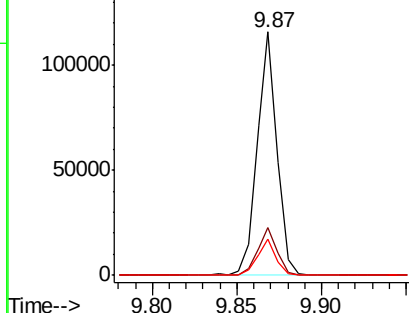
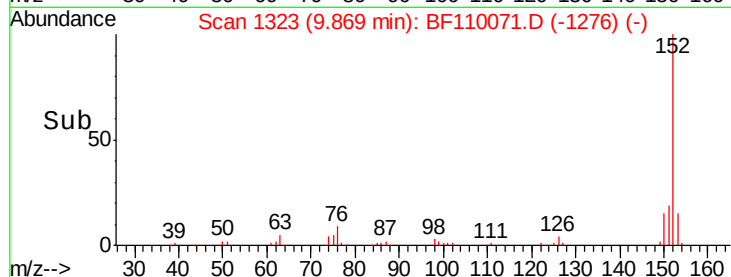
152 100

151 19.5 15.8 23.8

153 15.1 10.4 15.6



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



#50

Dimethylphthalate

Concen: 2.889 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

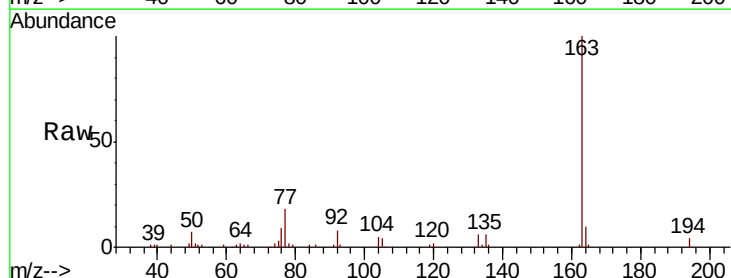
Tgt Ion:163 Resp: 71724

Ion Ratio Lower Upper

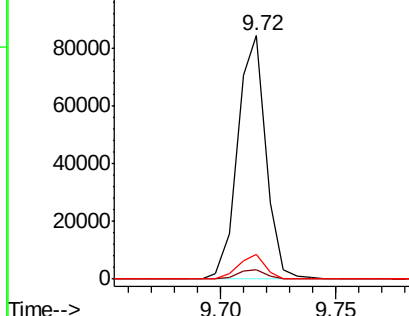
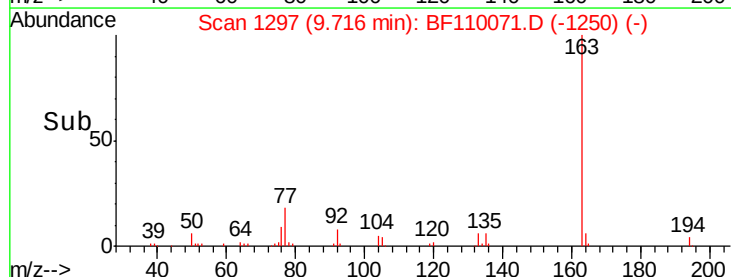
163 100

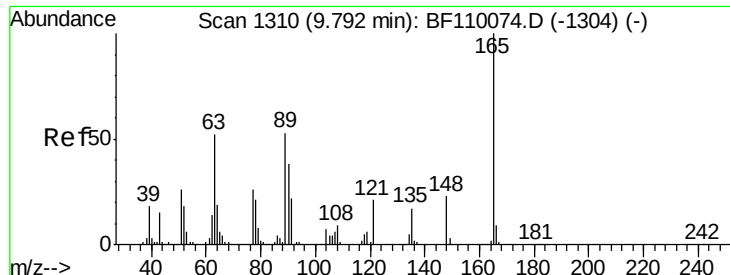
194 3.8 3.2 4.8

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

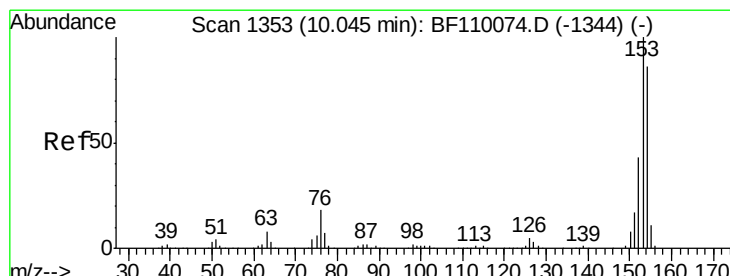
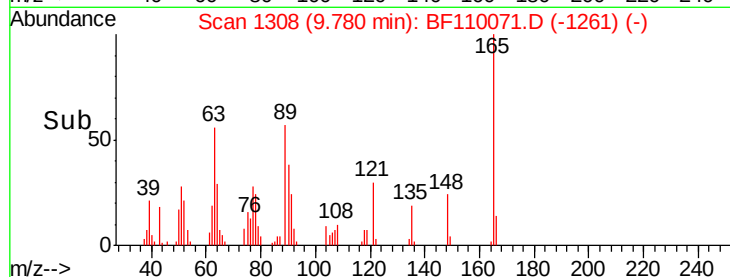
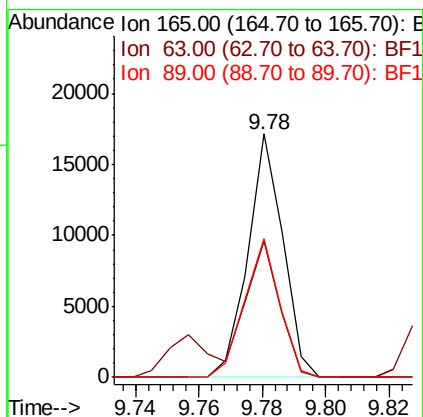
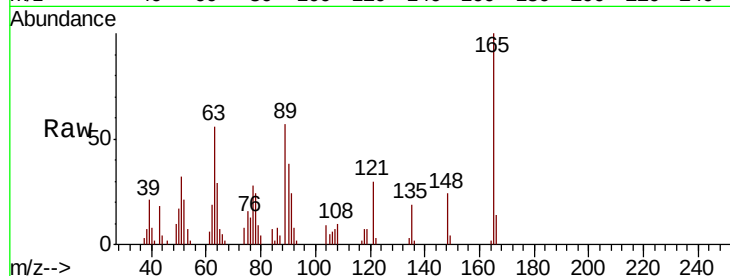




#51
2,6-Dinitrotoluene
Concen: 2.779 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

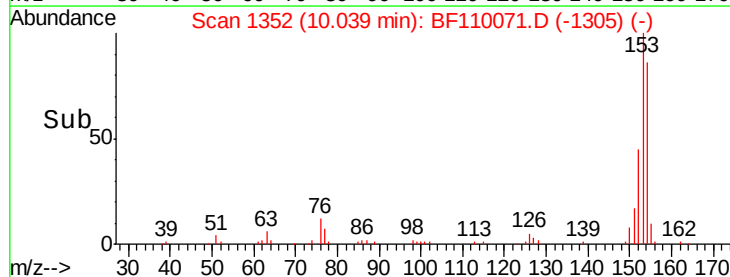
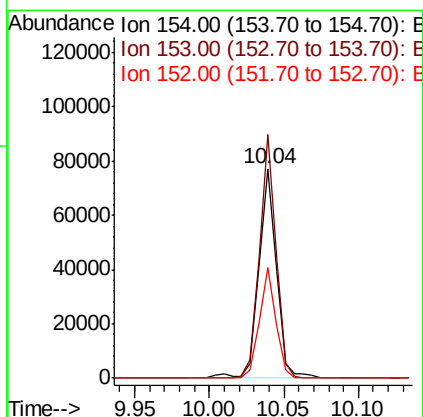
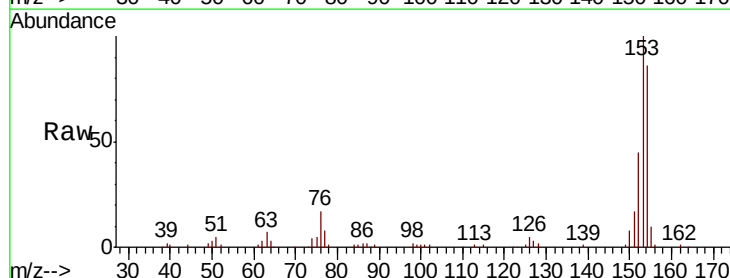
Instrument :
BNA_F
ClientSampled :

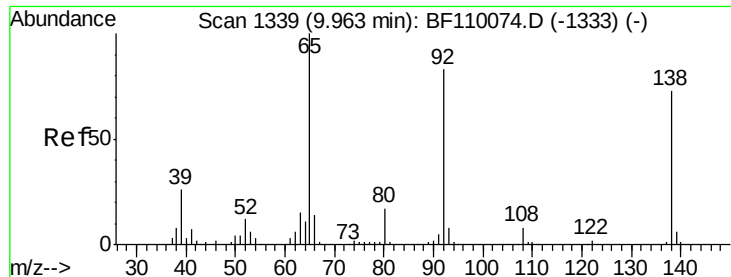
Tot Ion:165 Resp: 13107
Ion Ratio Lower Upper
165 100
63 56.0 48.9 73.3
89 57.1 46.6 69.8



#52
Acenaphthene
Concen: 2.941 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:154 Resp: 62590
Ion Ratio Lower Upper
154 100
153 116.2 90.1 135.1
152 52.5 43.4 65.2

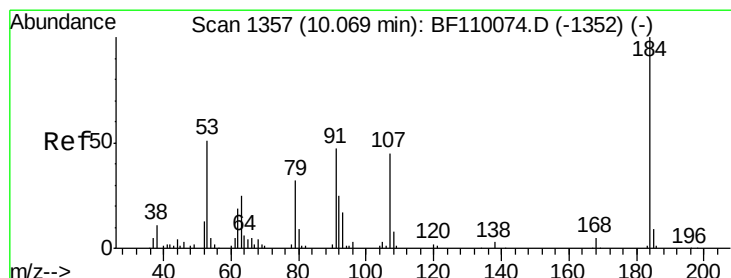
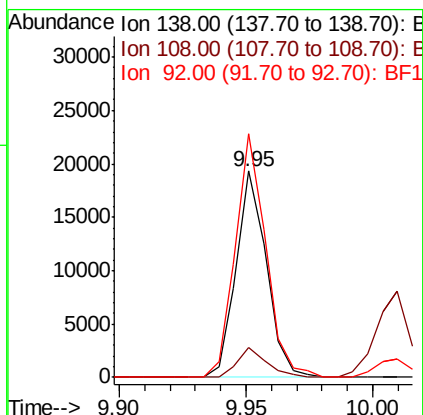
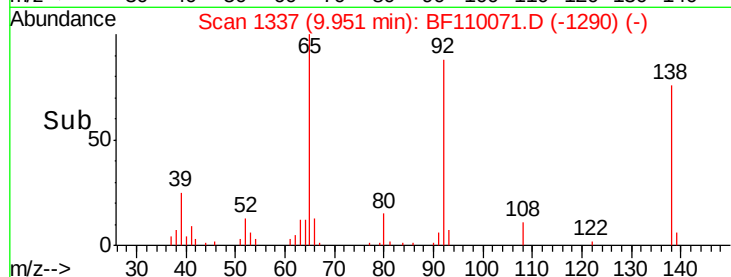
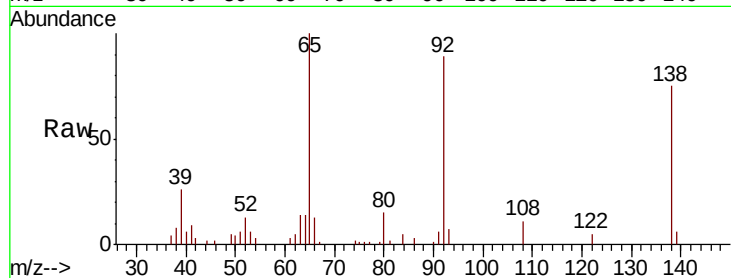




#53
3-Nitroaniline
Concen: 2.803 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

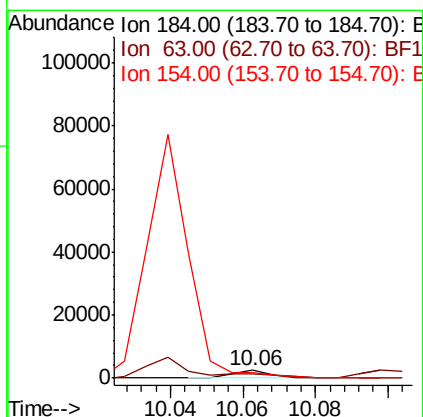
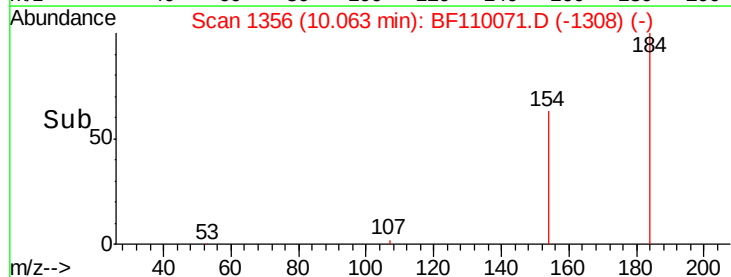
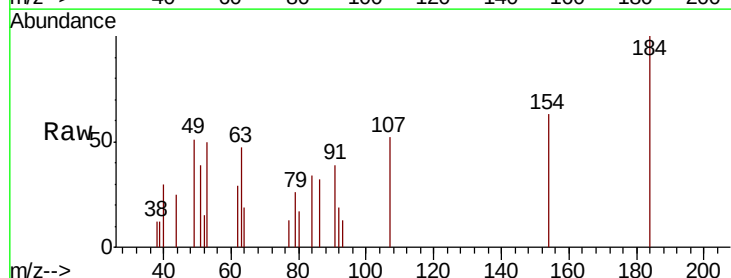
Instrument :
BNA_F
ClientSampleId :

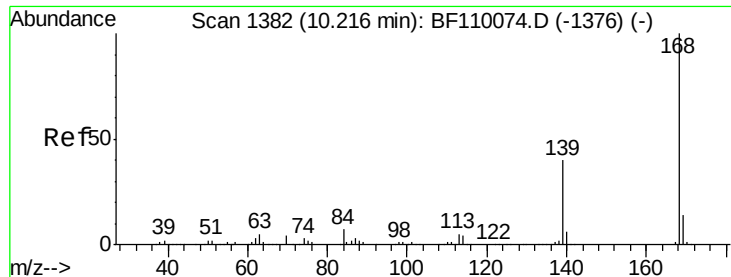
Tot Ion:138 Resp: 16081
Ion Ratio Lower Upper
138 100
108 14.3 8.7 13.1#
92 118.1 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 1.568 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:184 Resp: 1892
Ion Ratio Lower Upper
184 100
63 46.8 55.8 83.6#
154 62.5 63.2 94.8#

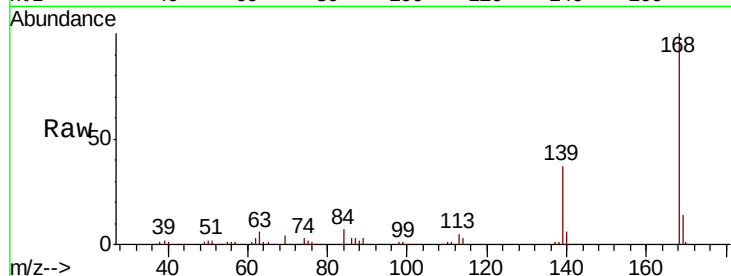




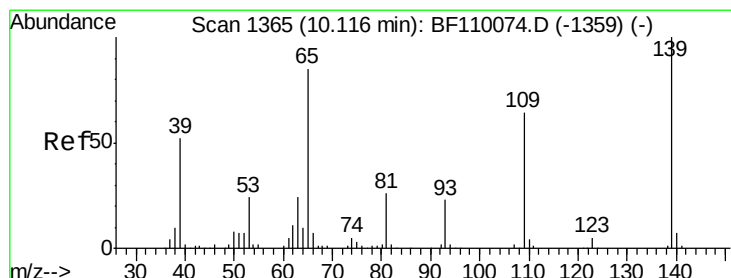
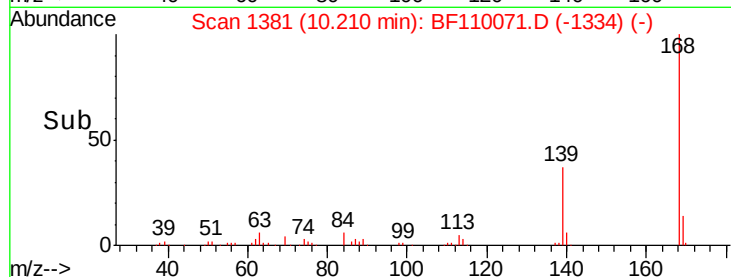
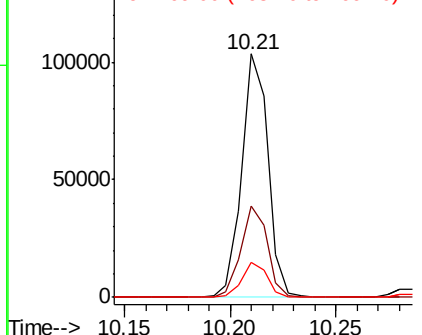
#55
Dibenzenofuran
Concen: 2.934 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 89065
Ion Ratio Lower Upper
168 100
139 37.4 33.0 49.6
169 14.2 11.3 16.9

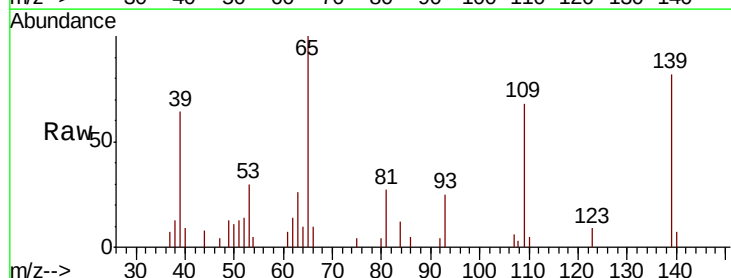


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

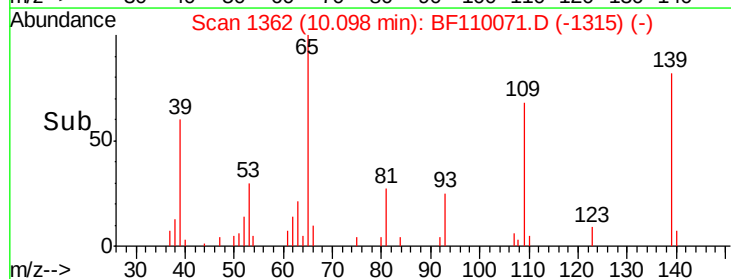
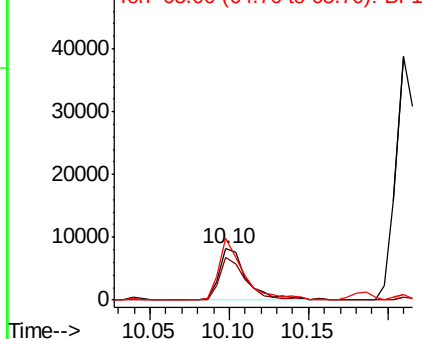


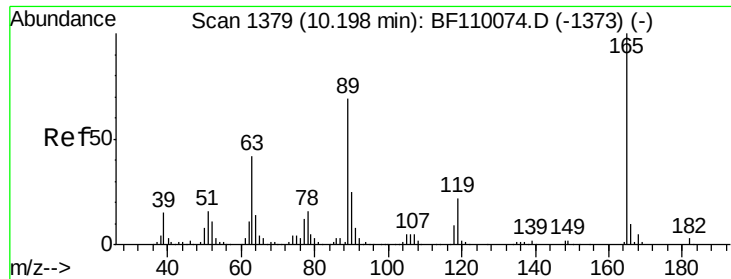
#56
4-Nitrophenol
Concen: 2.257 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:139 Resp: 9878
Ion Ratio Lower Upper
139 100
109 82.2 55.8 95.8
65 121.4 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

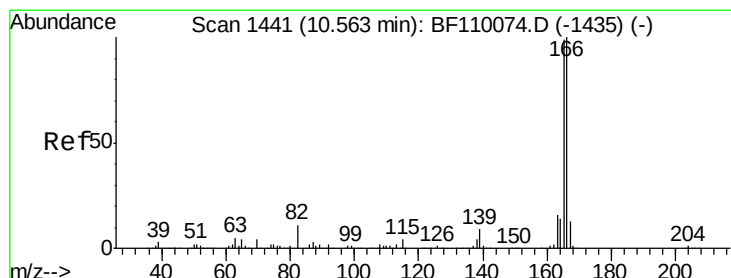
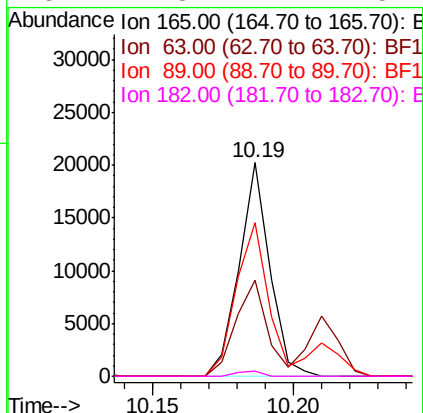
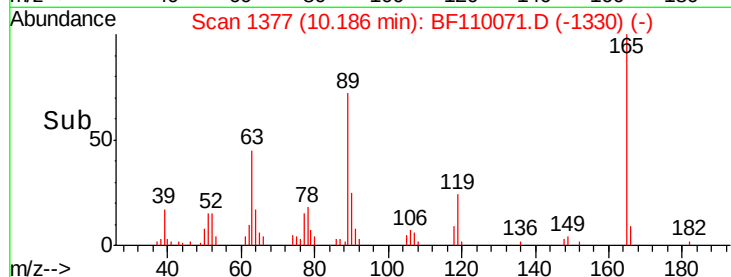
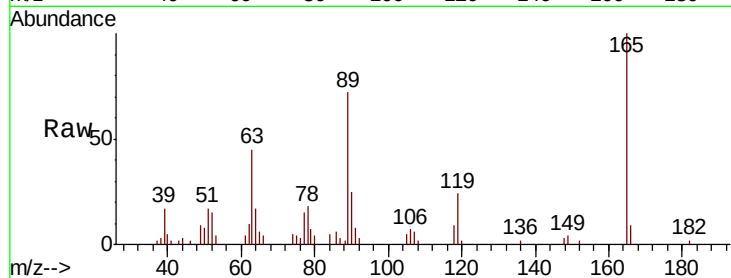




#57
2,4-Dinitrotoluene
Concen: 2.754 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

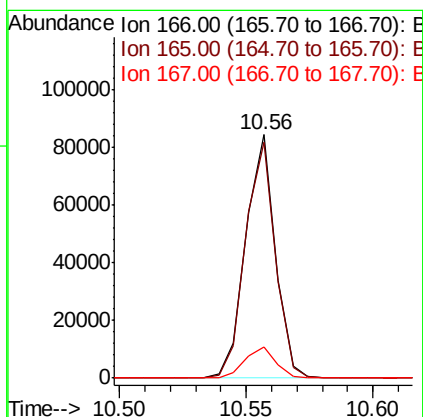
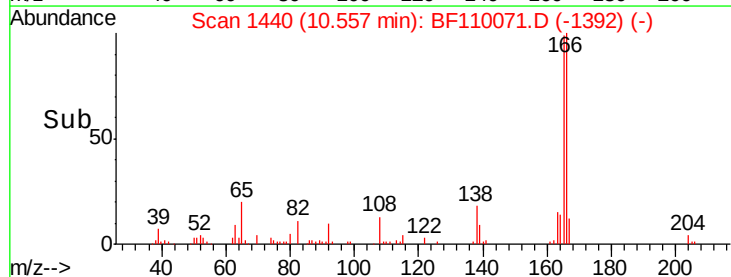
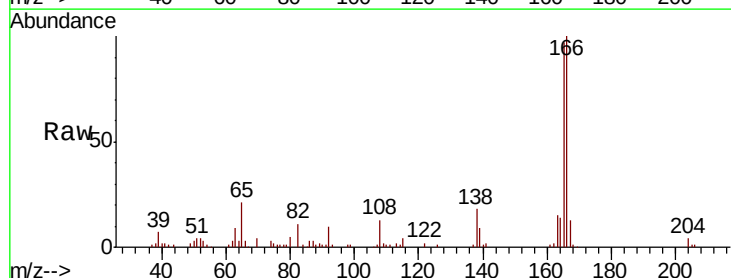
Instrument :
BNA_F
ClientSampleId :

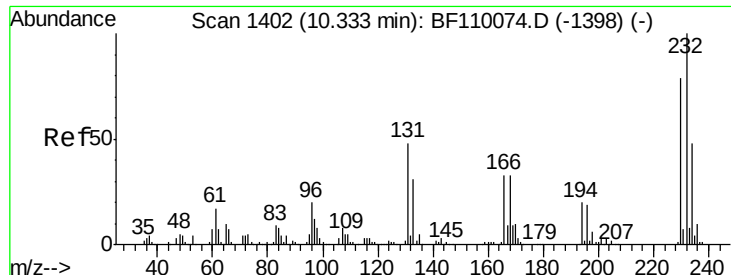
Tot Ion:	165	Resp:	15265
Ion	Ratio	Lower	Upper
165	100		
63	45.1	44.8	67.2
89	72.1	62.2	93.4
182	2.3	2.1	3.1



#58
Fluorene
Concen: 3.100 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:	166	Resp:	68504
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.6	117.8
167	12.8	10.8	16.2

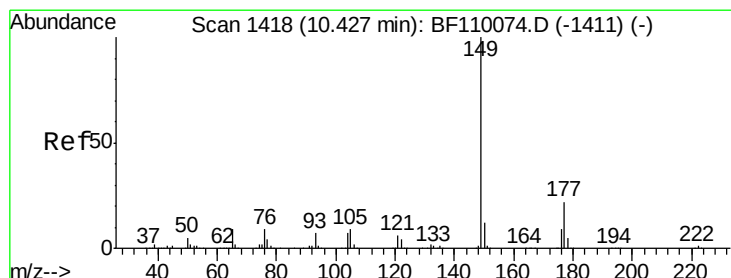
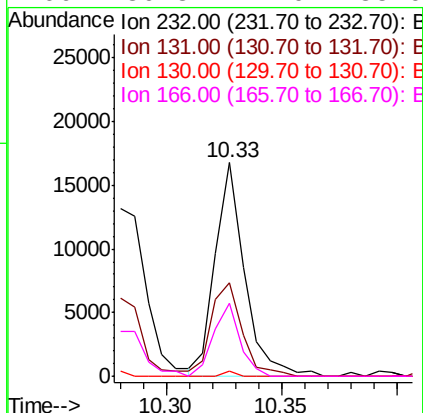
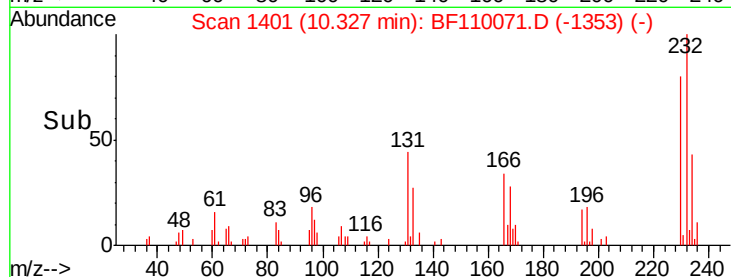
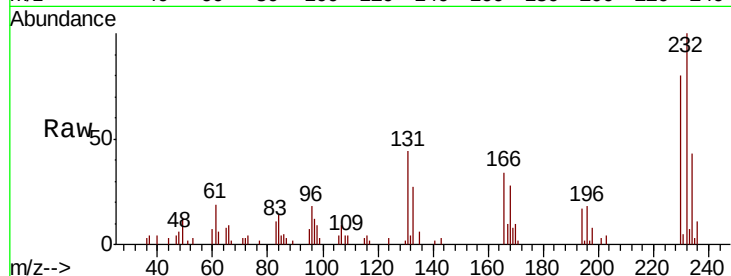




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.684 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

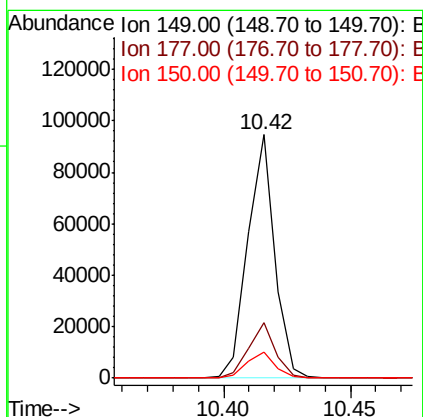
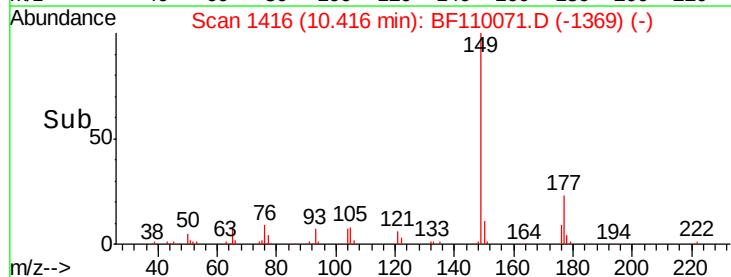
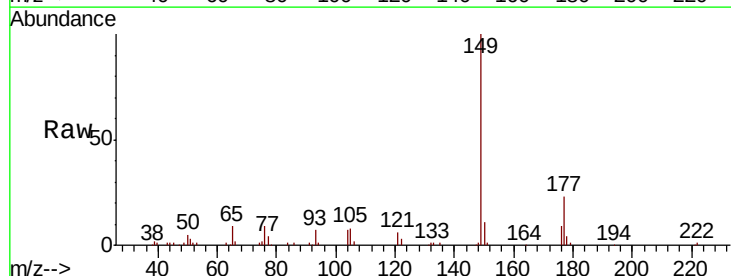
Instrument :
 BNA_F
 ClientSampled :

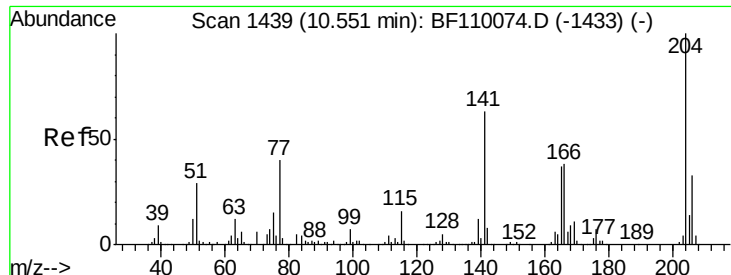
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.0	55.4
130	0.9	1.8	2.6
166	30.3	22.0	33.0



#60
 Diethylphthalate
 Concen: 2.862 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	17.4	26.2
150	10.6	9.8	14.8

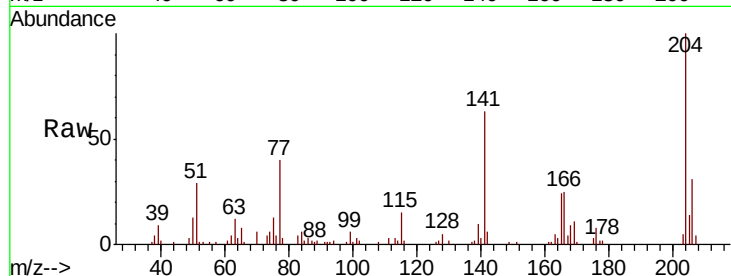




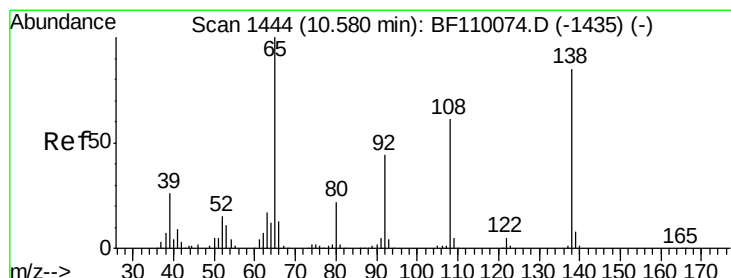
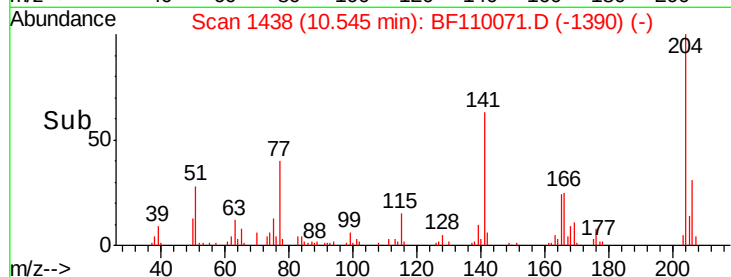
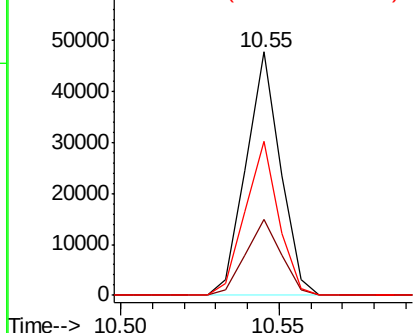
#61
4-Chlorophenyl-phenylether
Concen: 3.129 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 36020
Ion Ratio Lower Upper
204 100
206 31.0 26.5 39.7
141 63.4 51.8 77.8

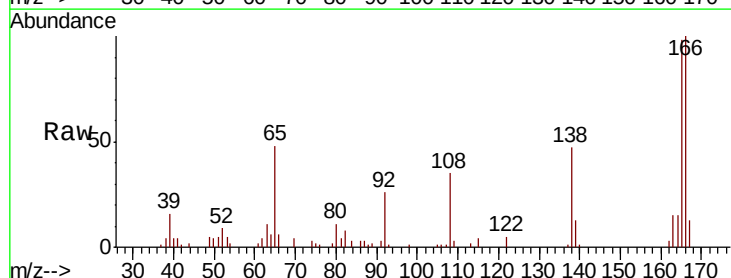


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

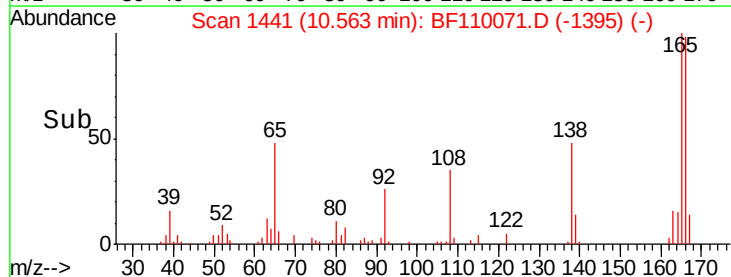
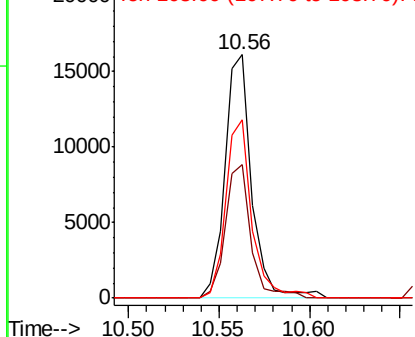


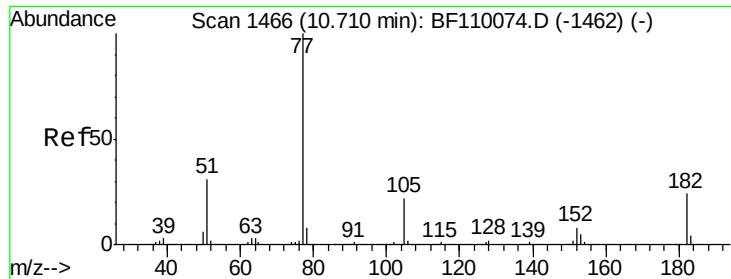
#62
4-Nitroaniline
Concen: 3.047 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:138 Resp: 16547
Ion Ratio Lower Upper
138 100
92 54.9 31.7 71.7
108 73.2 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: 2.762 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF110071.D

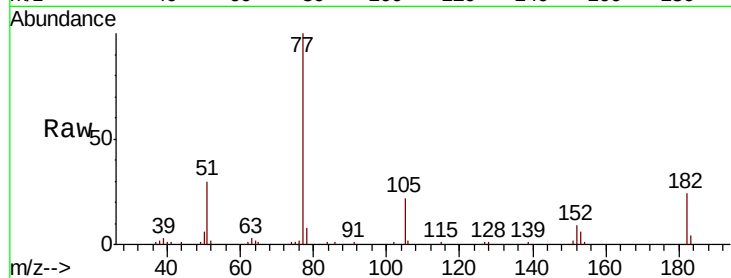
Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampled :

Tot Ion:	77	Resp:	70767
Ion	Ratio	Lower	Upper
77	100		
182	24.2	4.3	44.3
105	21.5	1.3	41.3
51	29.9	9.0	49.0

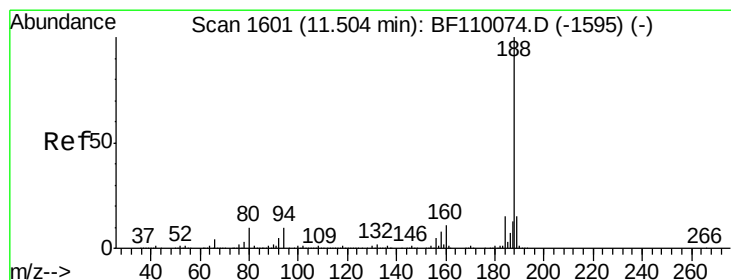
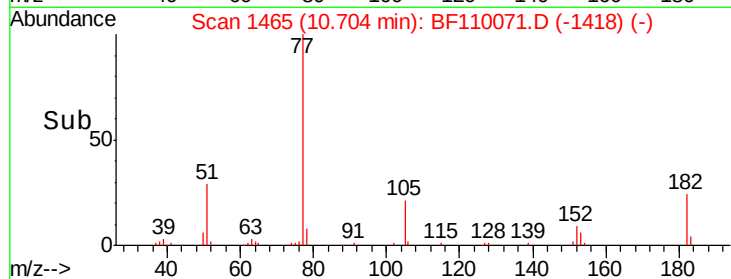
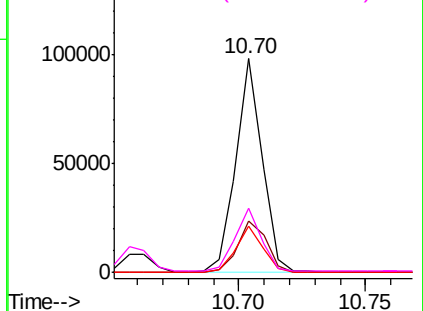


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

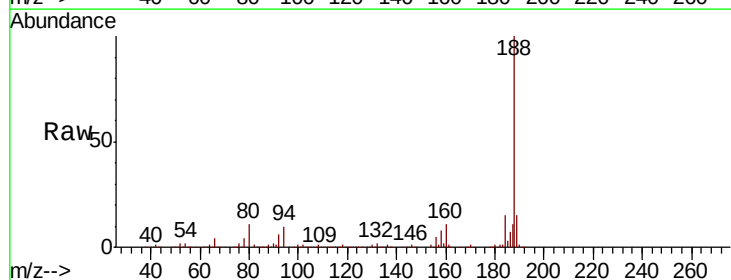
RT: 11.50 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

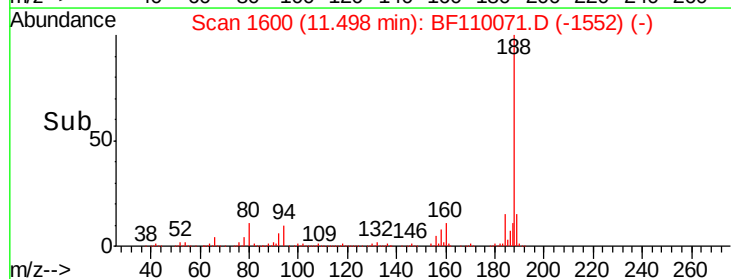
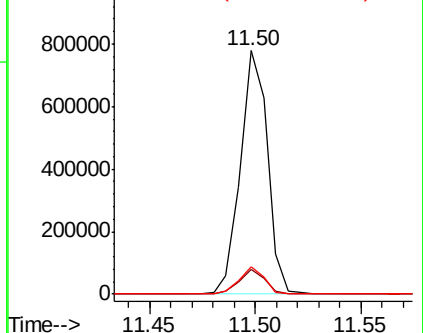
Tgt Ion:	188	Resp:	691558
Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.2	10.8
80	11.1	7.9	11.9

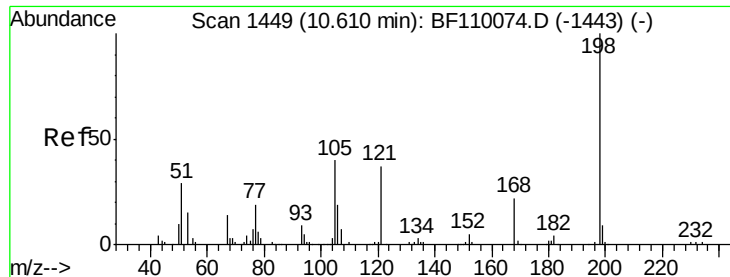


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

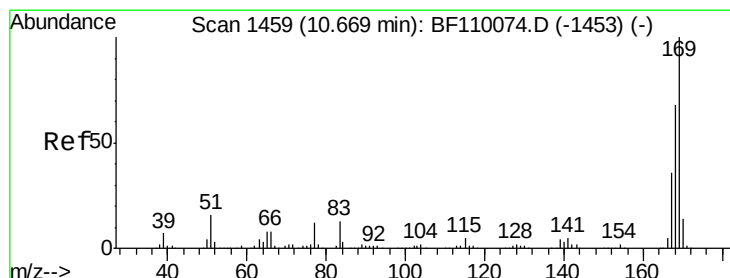
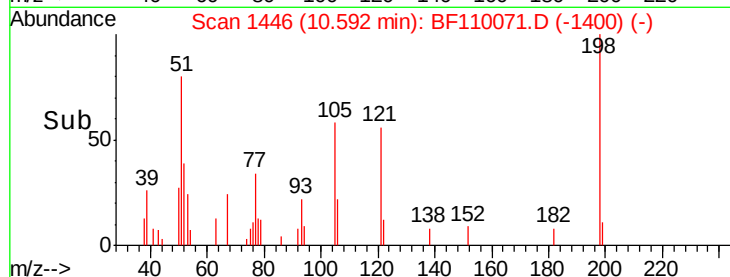
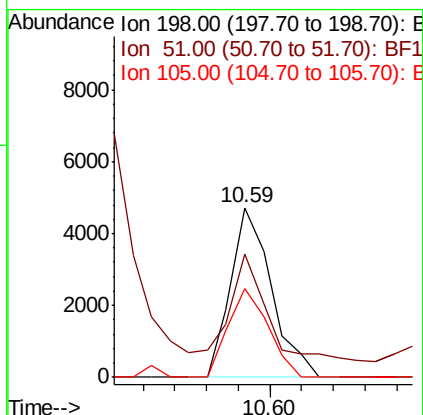
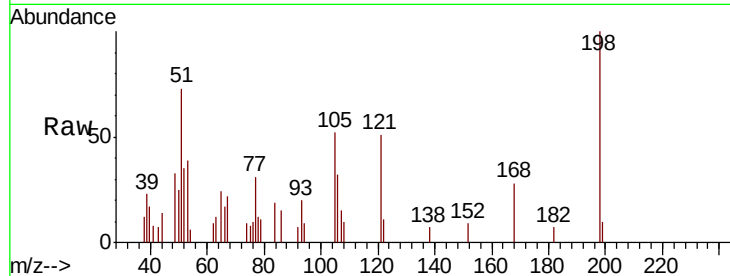




#65
4,6-Dinitro-2-methylphenol
Concen: 1.893 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

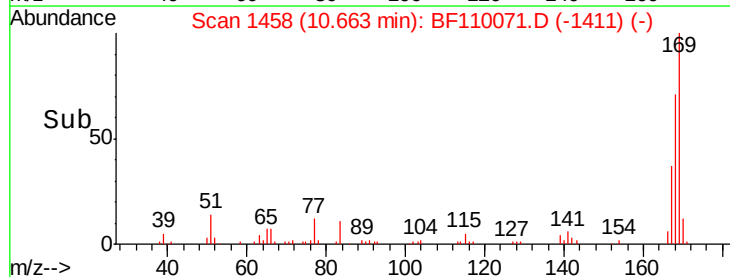
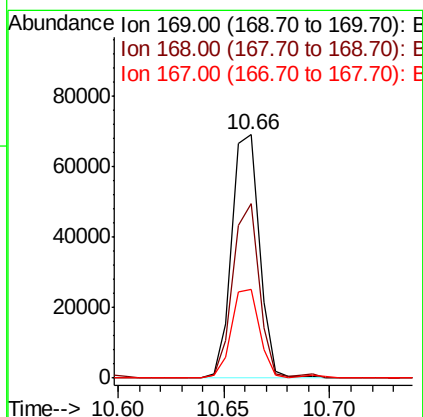
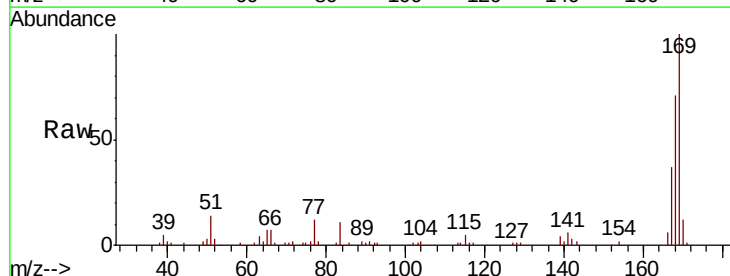
Instrument :
BNA_F
ClientSampled :

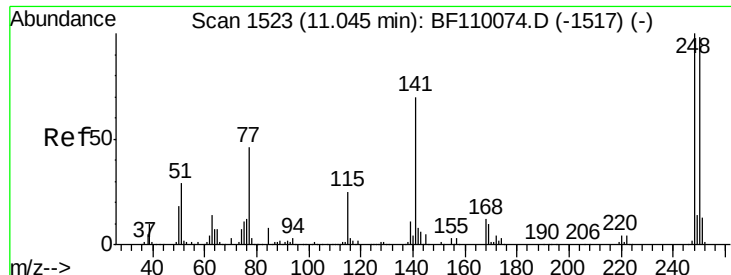
Tot Ion:198 Resp: 4196
Ion Ratio Lower Upper
198 100
51 72.5 22.8 62.8#
105 52.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 2.711 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:169 Resp: 62452
Ion Ratio Lower Upper
169 100
168 71.5 51.2 76.8
167 36.7 27.8 41.6

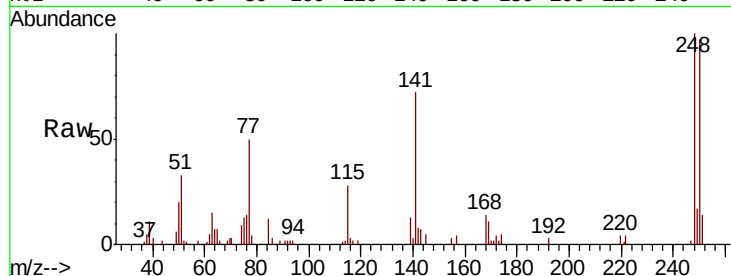




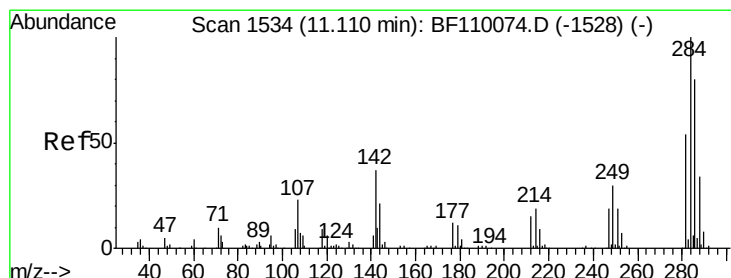
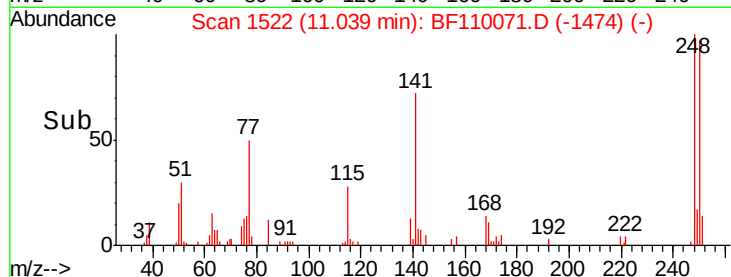
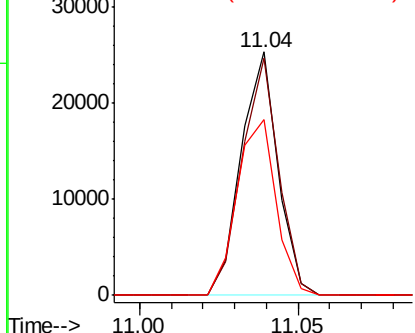
#67
 4-Bromophenyl-phenylether
 Concen: 2.717 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 20364
 Ion Ratio Lower Upper
 248 100
 250 97.3 79.4 119.2
 141 72.1 55.9 83.9

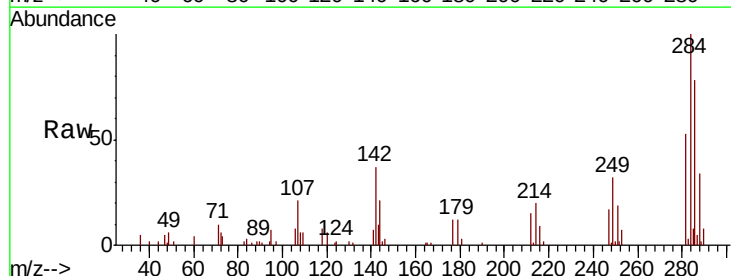


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

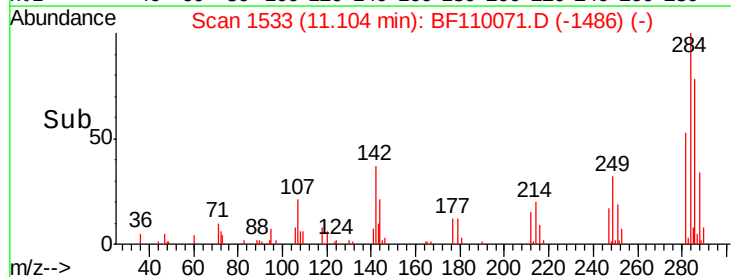
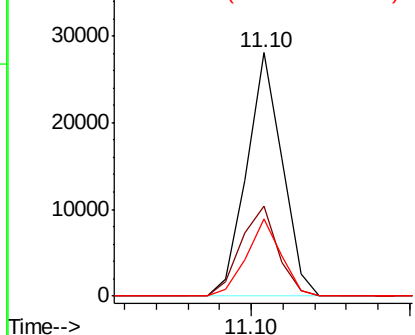


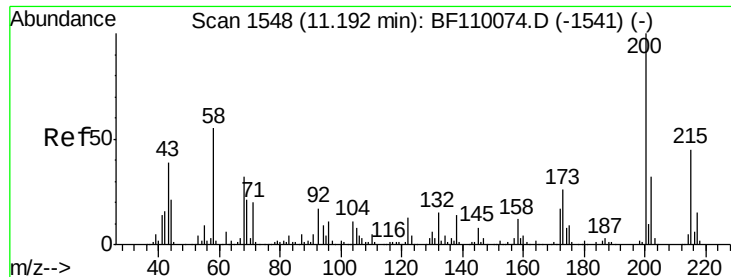
#68
 Hexachlorobenzene
 Concen: 2.728 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion:284 Resp: 21804
 Ion Ratio Lower Upper
 284 100
 142 36.9 23.9 35.9#
 249 34.2 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

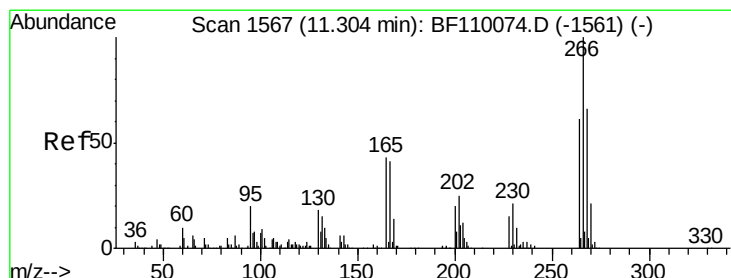
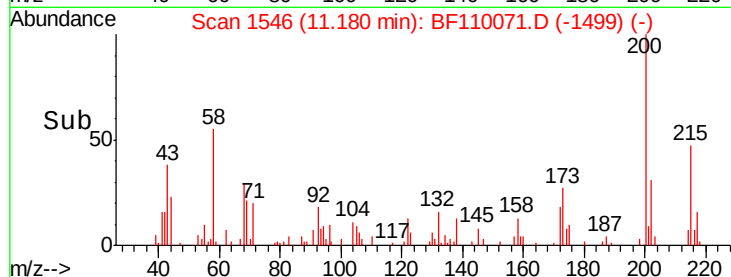
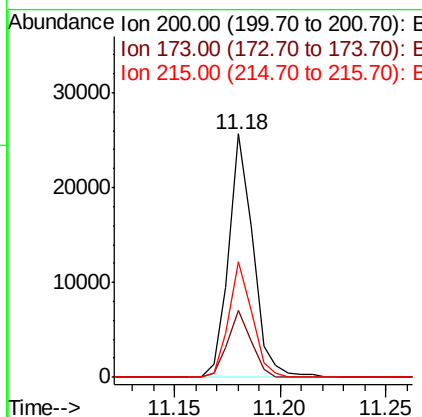
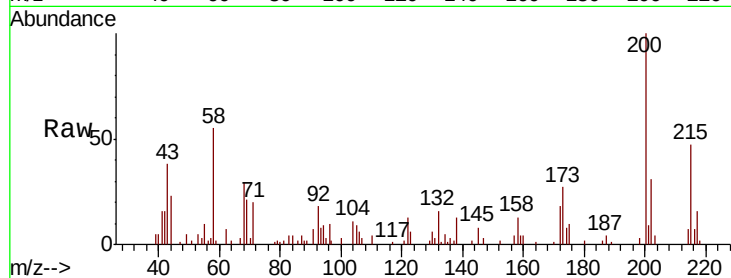




#69
Atrazine
Concen: 2.851 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

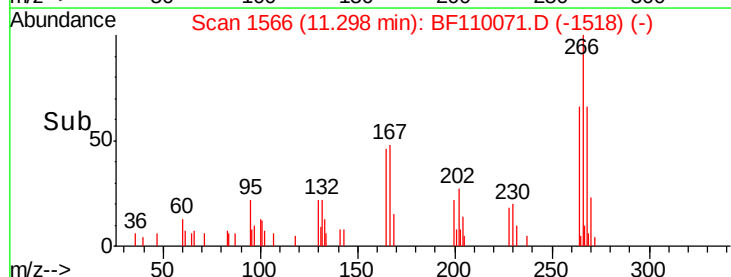
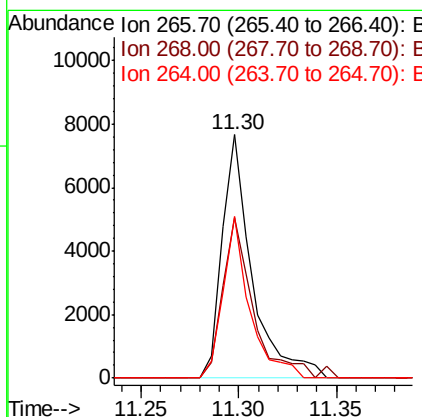
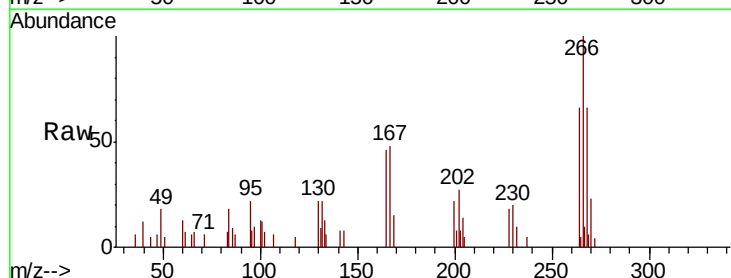
Instrument :
BNA_F
ClientSampleId :

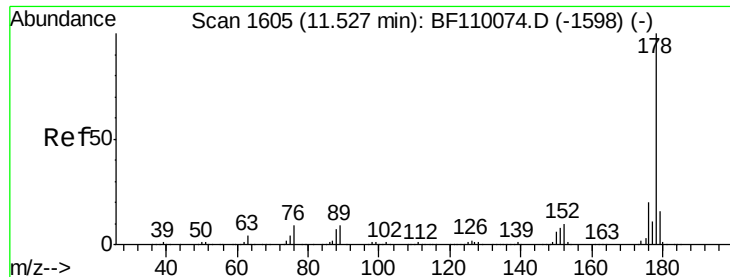
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	6.6	46.6
215	47.3	26.3	66.3



#70
Pentachlorophenol
Concen: 1.788 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.1	50.6	75.8
264	66.3	50.6	75.8

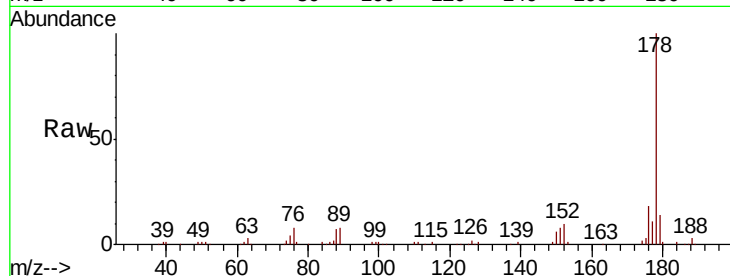




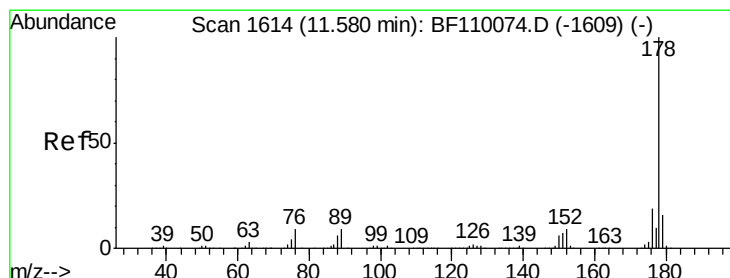
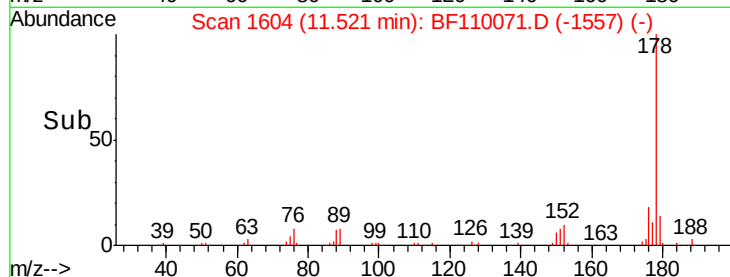
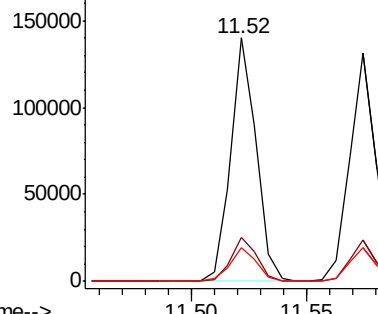
#71
Phenanthrene
Concen: 3.026 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 108321
Ion Ratio Lower Upper
178 100
176 18.0 15.5 23.3
179 13.8 12.5 18.7

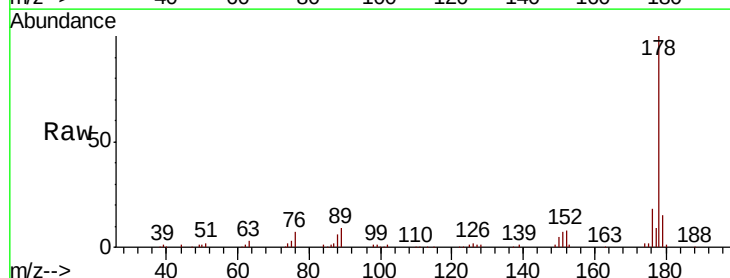


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

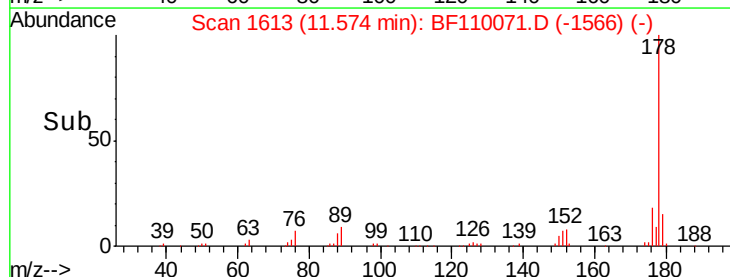
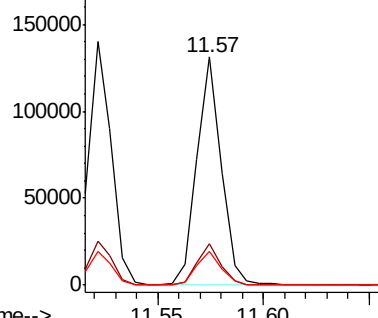


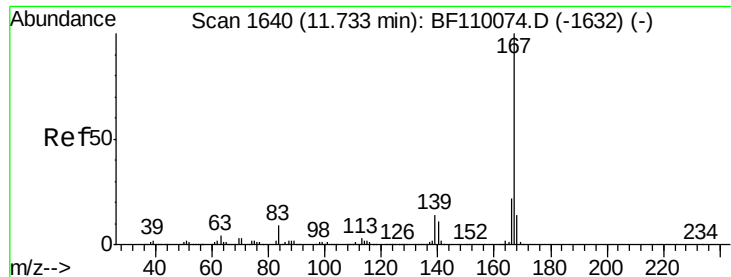
#72
Anthracene
Concen: 2.907 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:178 Resp: 104620
Ion Ratio Lower Upper
178 100
176 18.0 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

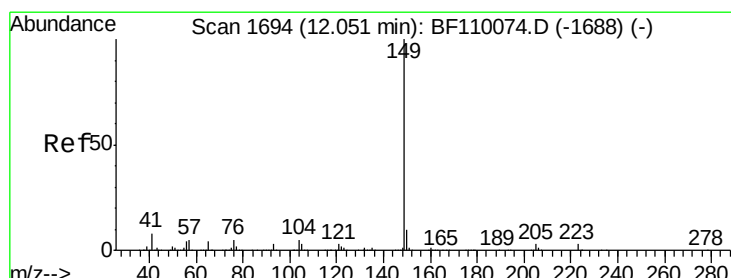
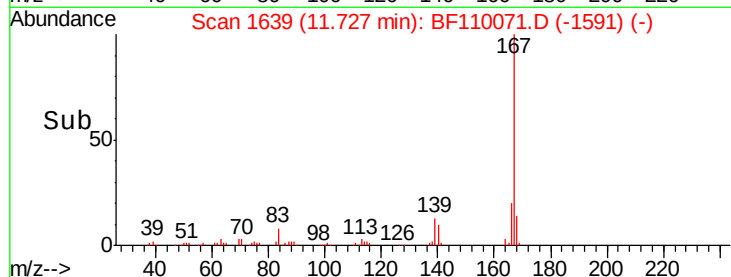
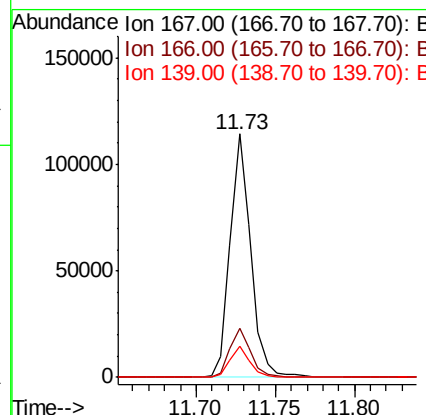
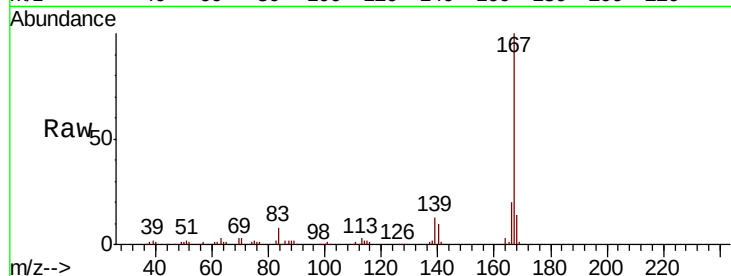




#73
 Carbazole
 Concen: 2.917 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

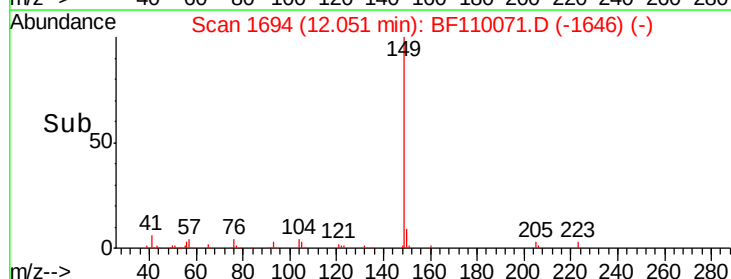
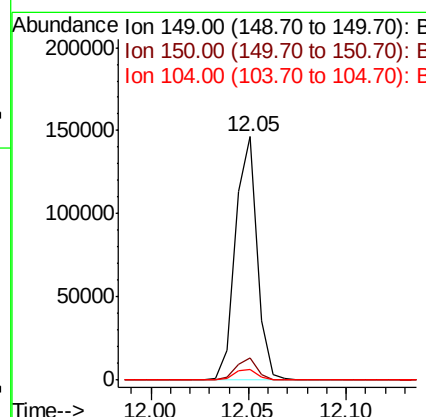
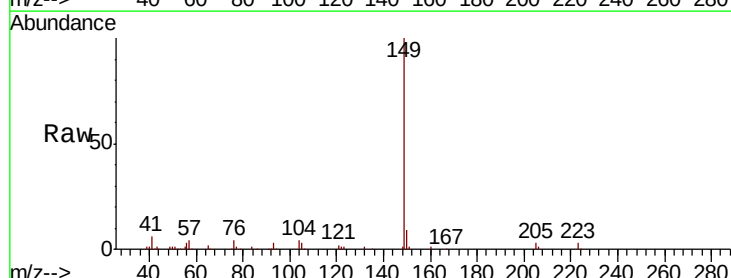
Instrument :
 BNA_F
 ClientSampleId :

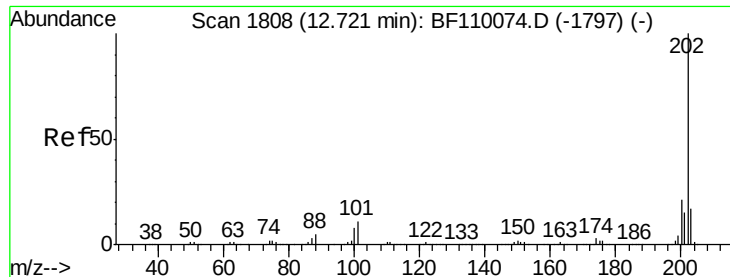
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.4	26.0
139	13.0	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 2.858 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110071.D
 Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.5	4.2	6.4

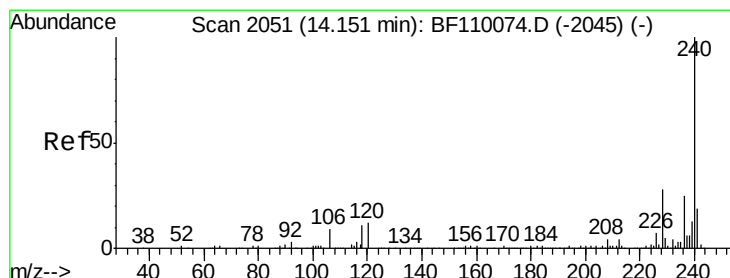
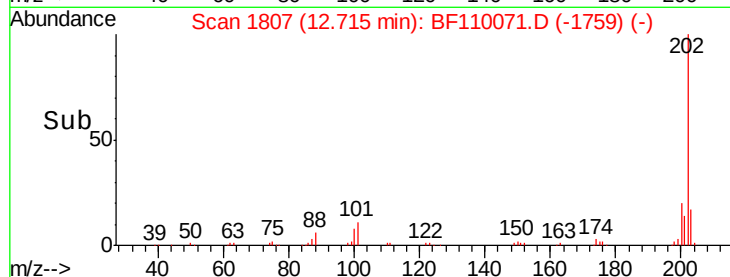
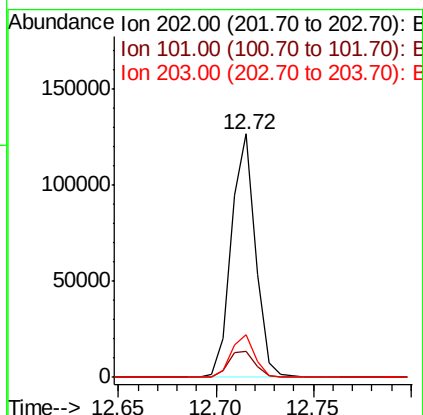
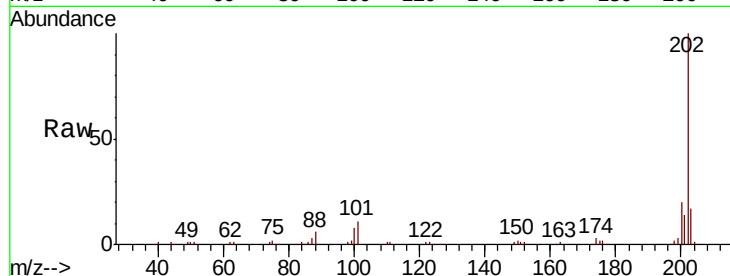




#75
Fluoranthene
Concen: 3.025 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

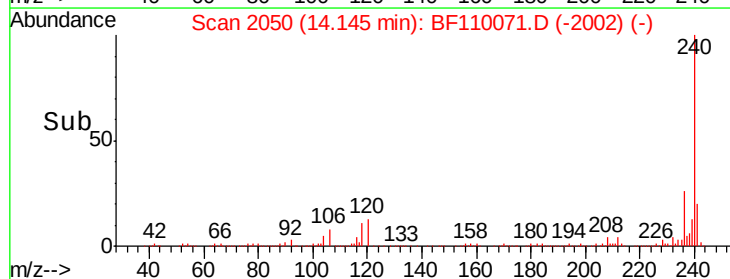
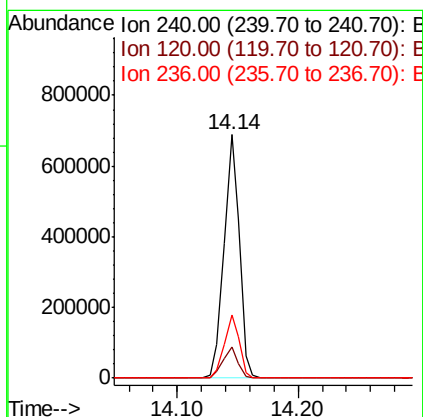
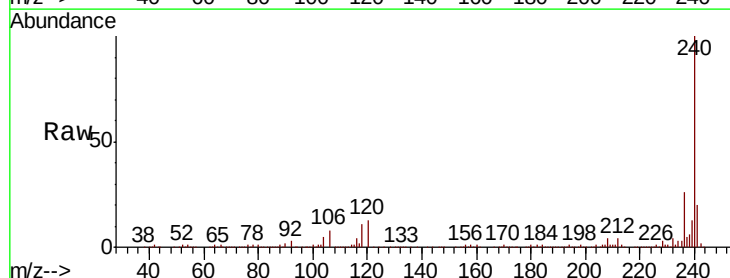
Instrument :
BNA_F
ClientSampleId :

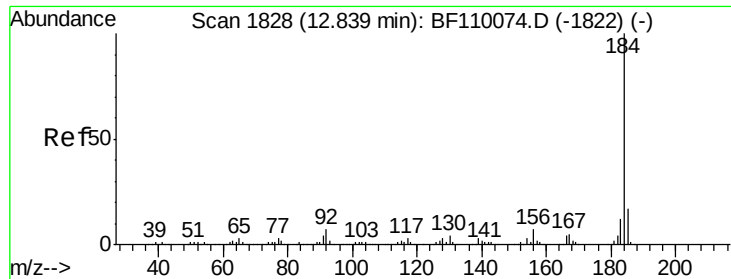
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	26.1	21.2	31.8

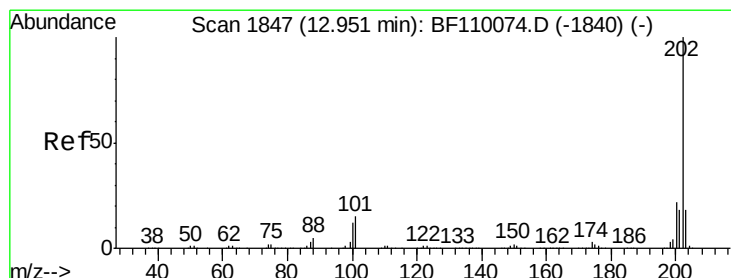
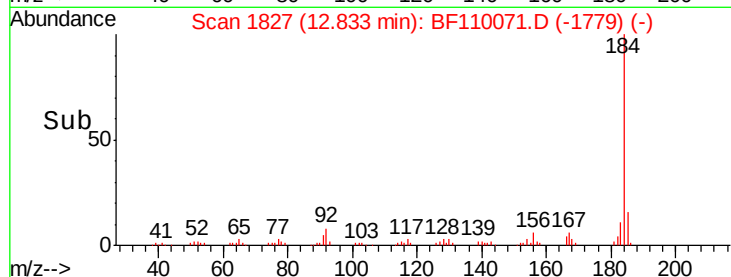
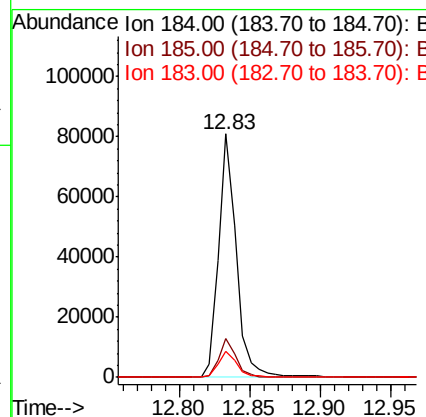
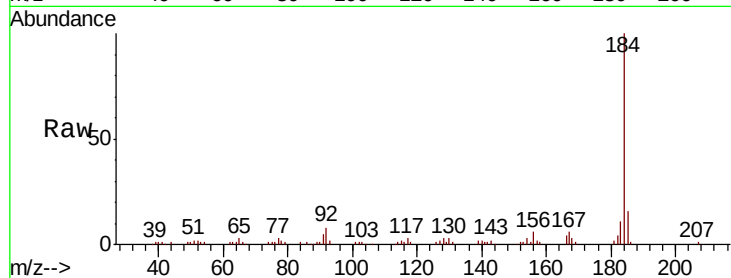




#77
Benzidine
Concen: 3.082 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

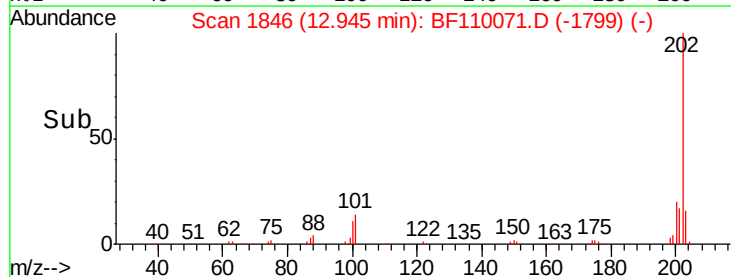
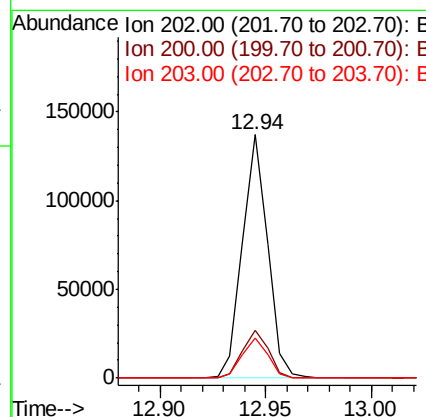
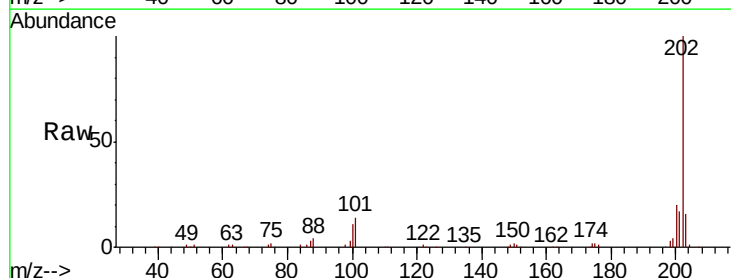
Instrument :
BNA_F
ClientSampleId :

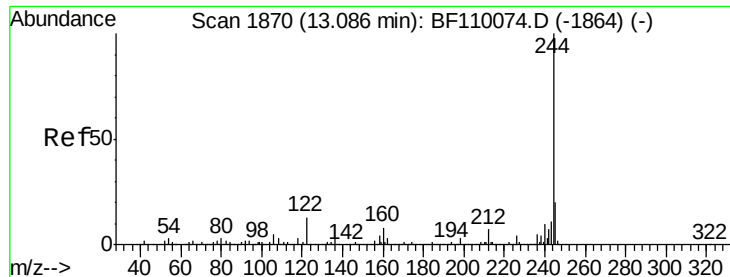
Tot Ion:184 Resp: 71070
Ion Ratio Lower Upper
184 100
185 16.0 13.4 20.2
183 10.6 9.4 14.2



#78
Pyrene
Concen: 2.565 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:202 Resp: 113295
Ion Ratio Lower Upper
202 100
200 19.8 17.8 26.6
203 16.3 14.2 21.4





#79

Terphenyl-d14

Concen: 5.858 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

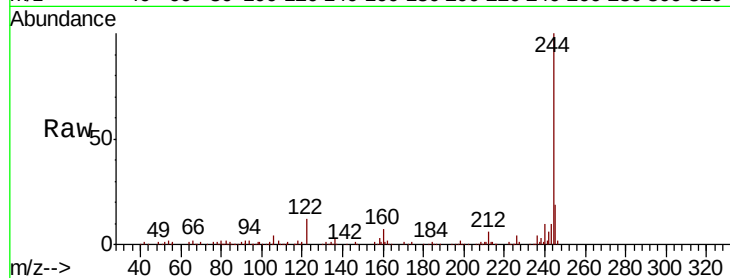
Tot Ion:244 Resp: 167786

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

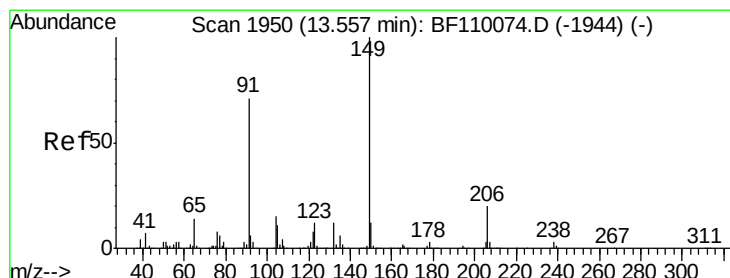
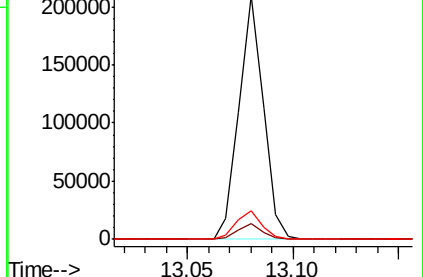
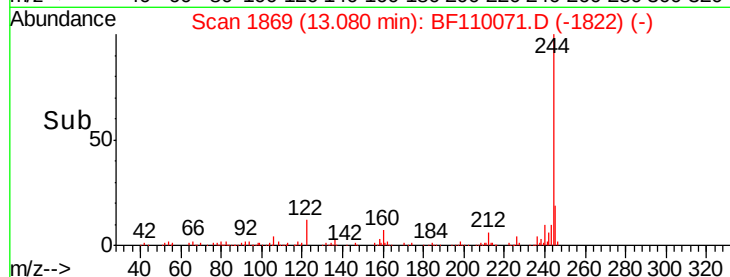
122 11.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.430 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

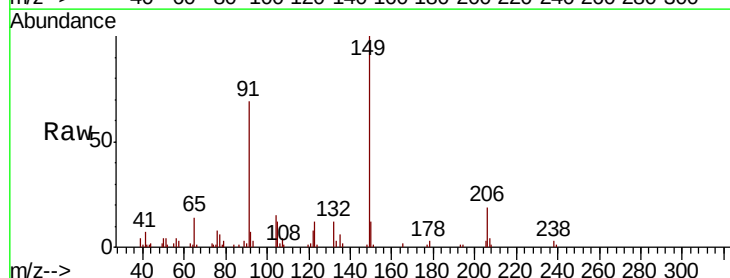
Tgt Ion:149 Resp: 43403

Ion Ratio Lower Upper

149 100

91 69.4 57.2 85.8

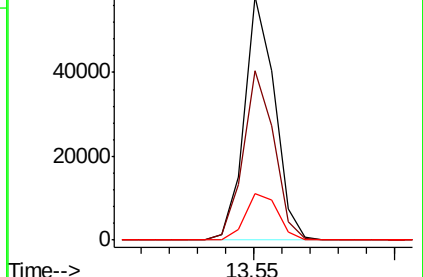
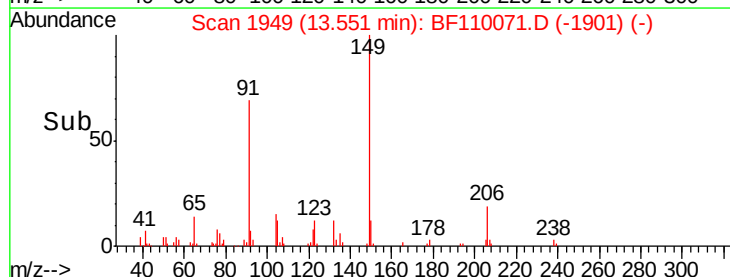
206 19.1 15.7 23.5

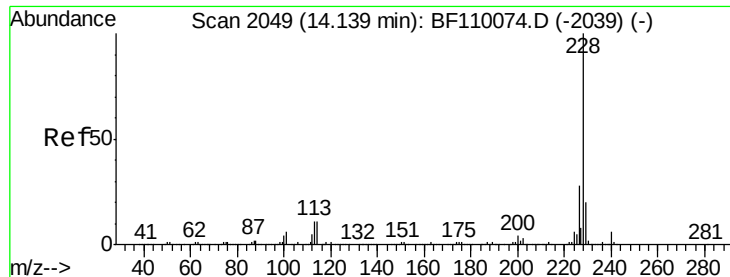


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.708 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

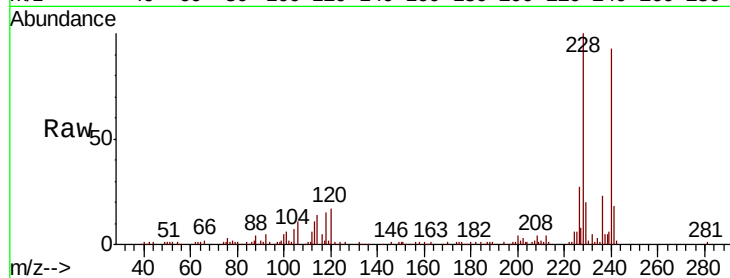
Tot Ion:228 Resp: 95952

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

229 20.0 15.6 23.4

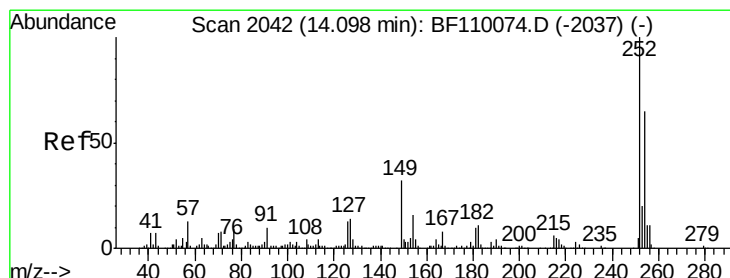
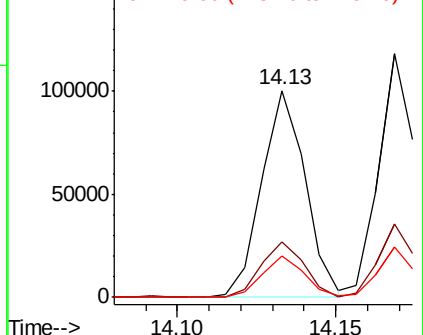
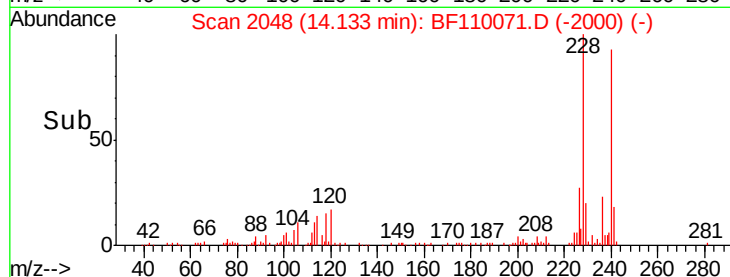


Abundance

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: 2.867 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

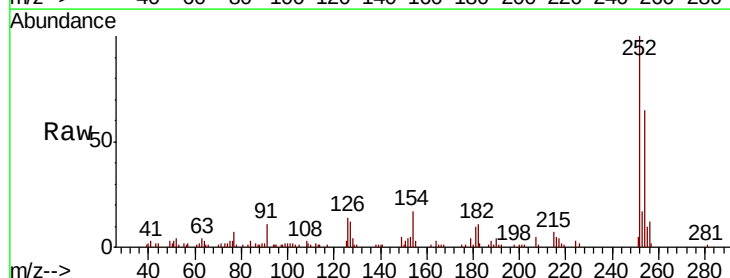
Tgt Ion:252 Resp: 35609

Ion Ratio Lower Upper

252 100

254 64.8 51.3 76.9

126 13.8 9.4 14.2

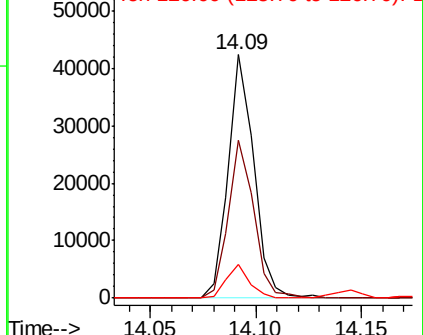
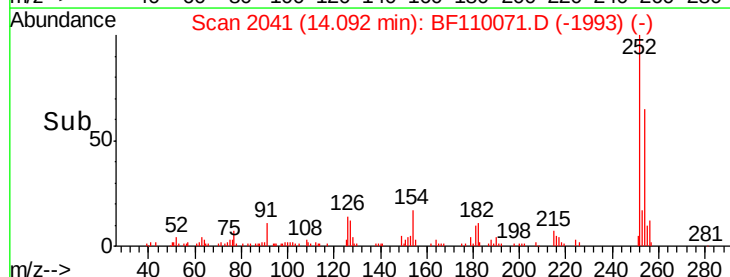


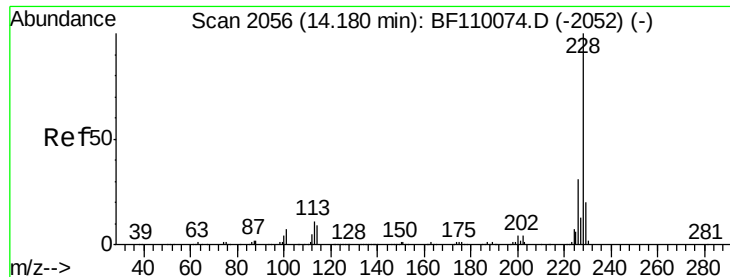
Abundance

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: 2.794 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

Instrument :

BNA_F

ClientSampleId :

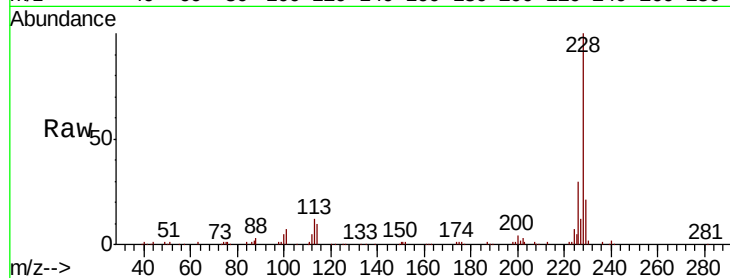
Tot Ion:228 Resp: 94205

Ion Ratio Lower Upper

228 100

226 30.2 24.7 37.1

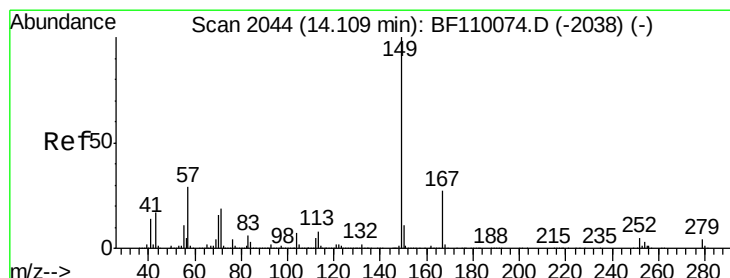
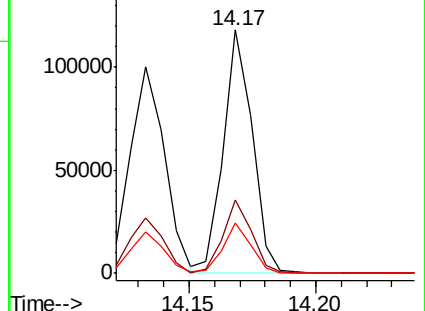
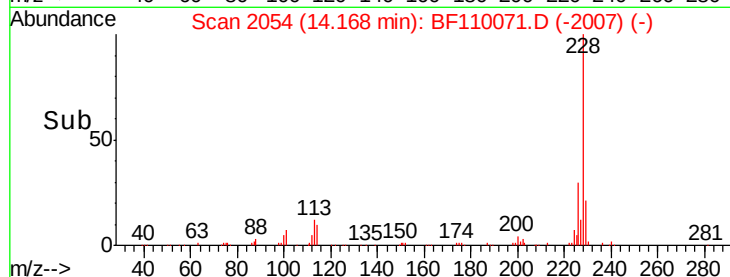
229 20.7 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.767 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110071.D

Acq: 23 Oct 2018 11:20

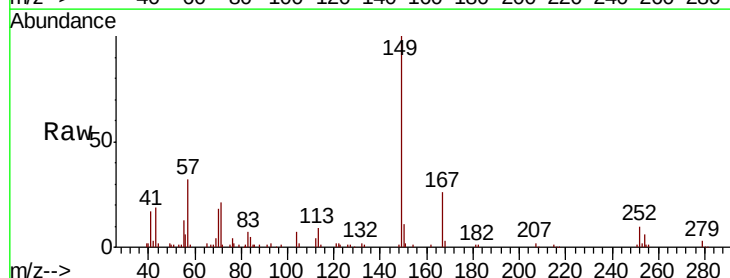
Tgt Ion:149 Resp: 65033

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

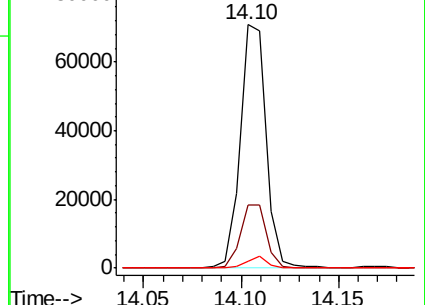
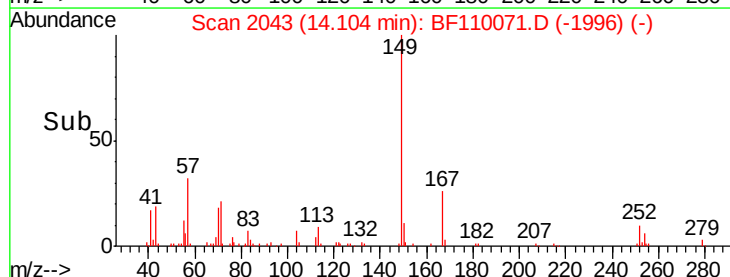
279 3.0 2.7 4.1

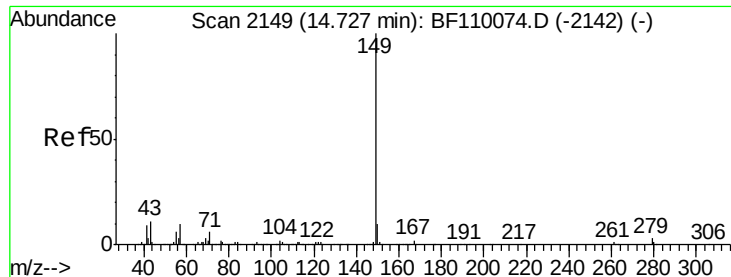


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

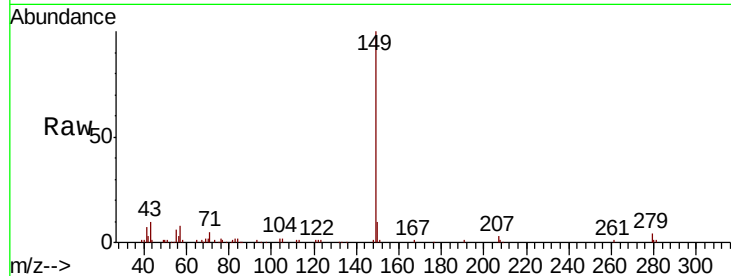




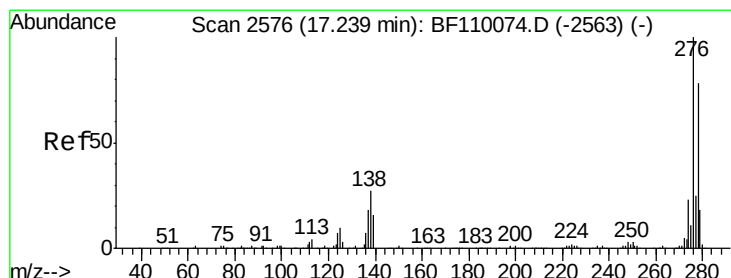
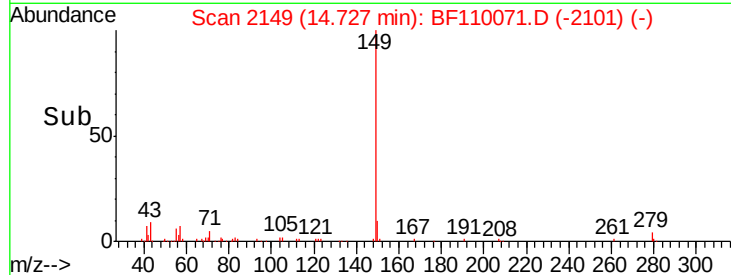
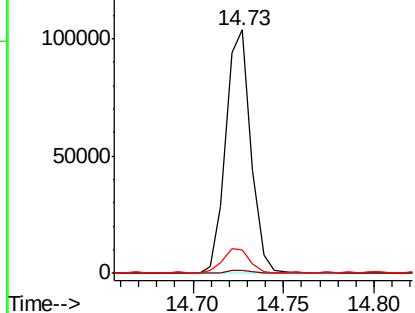
#85
Di-n-octyl phthalate
Concen: 3.018 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 99978
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.4 7.8 11.8

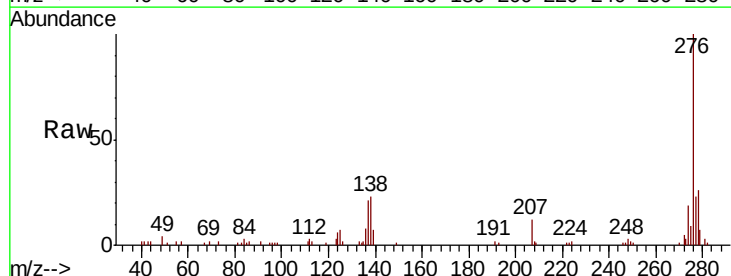


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

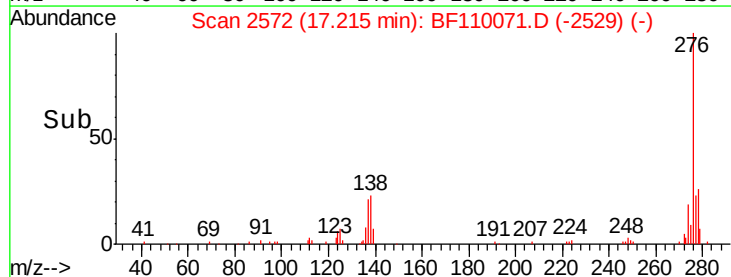
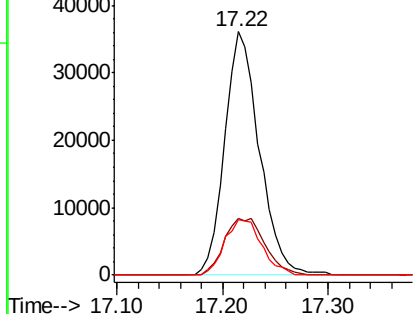


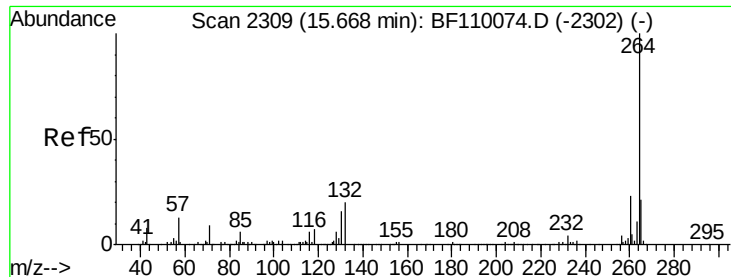
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.017 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.05 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:276 Resp: 81926
Ion Ratio Lower Upper
276 100
138 27.6 18.5 27.7
277 24.5 20.0 30.0



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

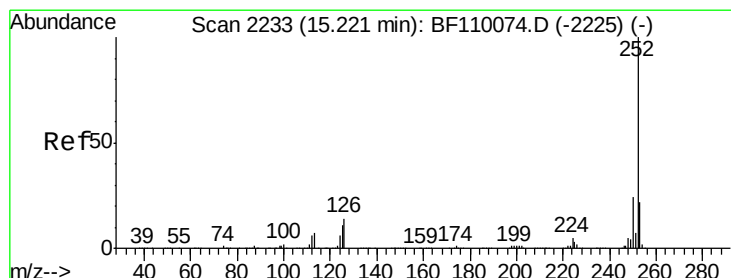
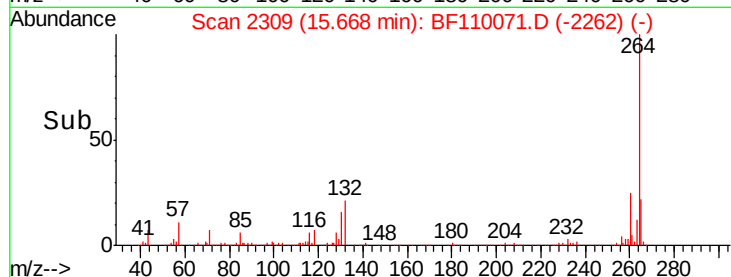
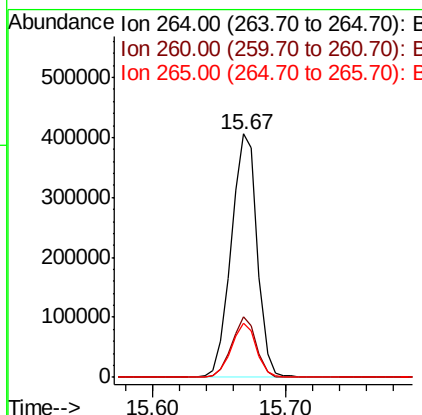
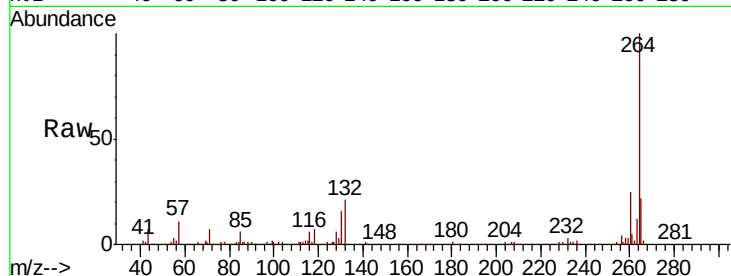




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

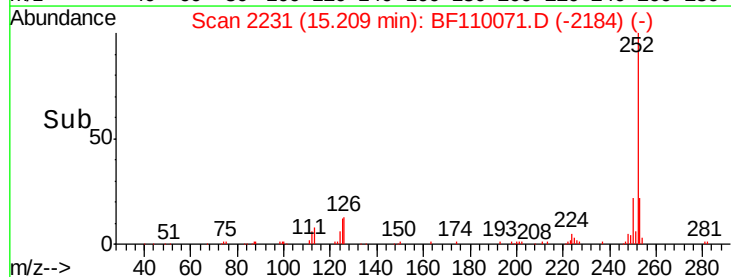
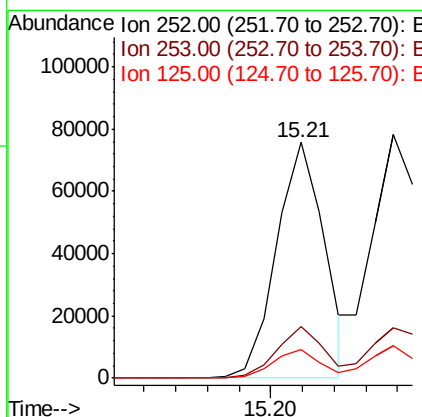
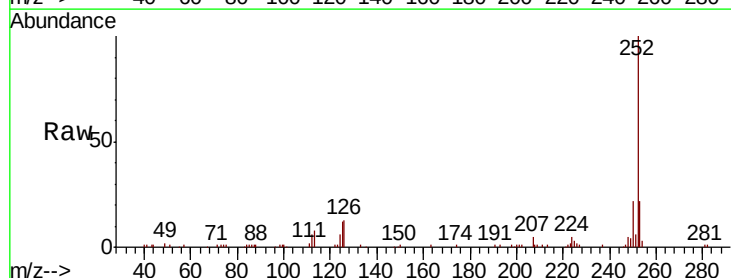
Instrument :
BNA_F
ClientSampled :

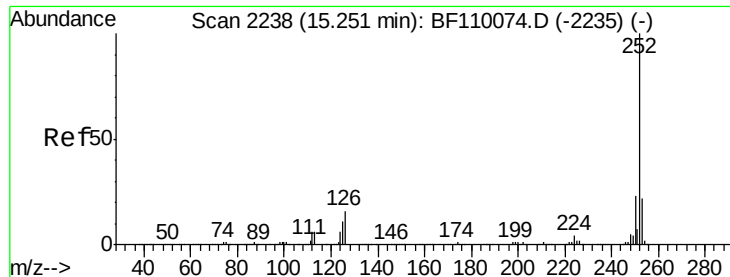
Tot Ion:264 Resp: 551721
Ion Ratio Lower Upper
264 100
260 24.7 18.7 28.1
265 22.3 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 2.502 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:252 Resp: 79599
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.0 8.2 12.4

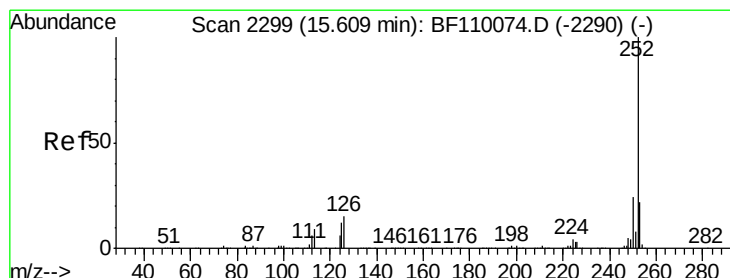
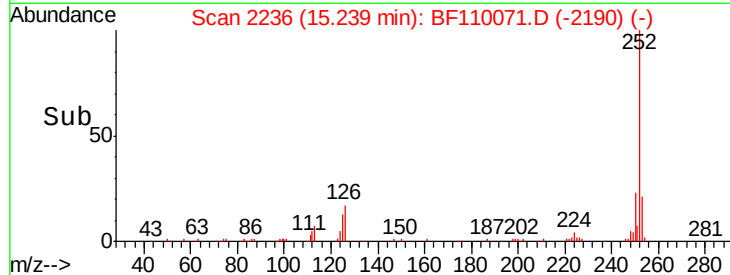
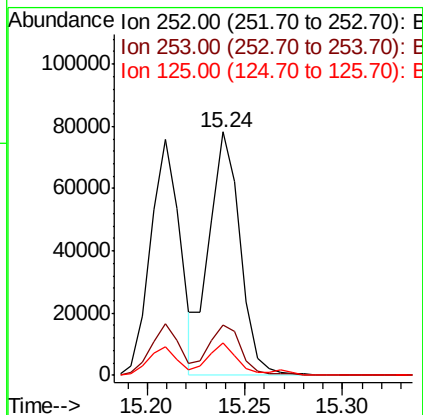
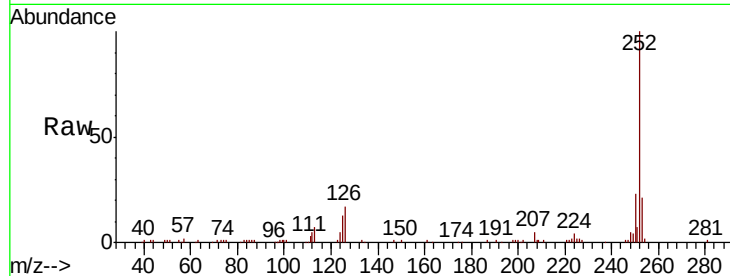




#89
Benzo(k)fluoranthene
Concen: 2.754 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

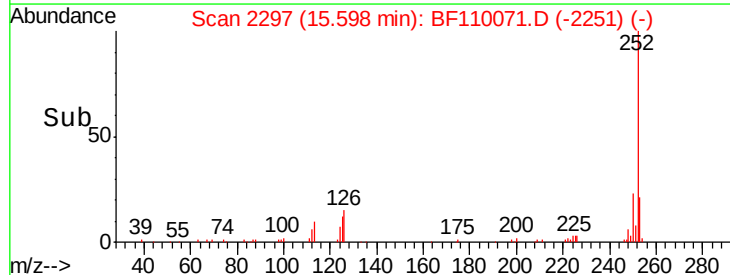
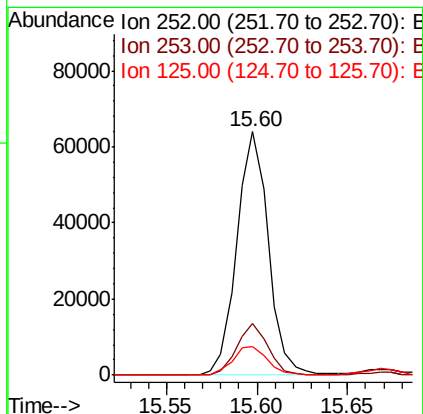
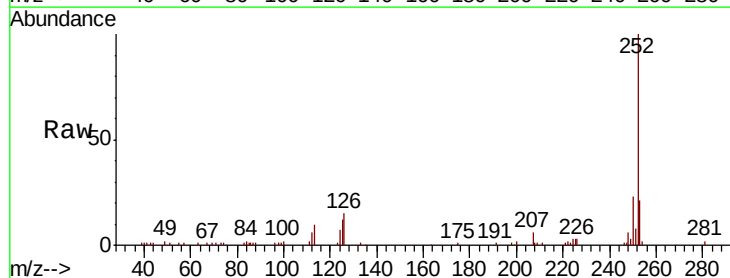
Instrument :
BNA_F
ClientSampled :

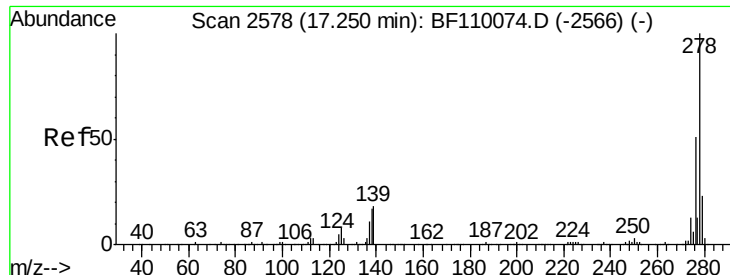
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	13.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 2.641 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.03 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	11.7	9.0	13.6

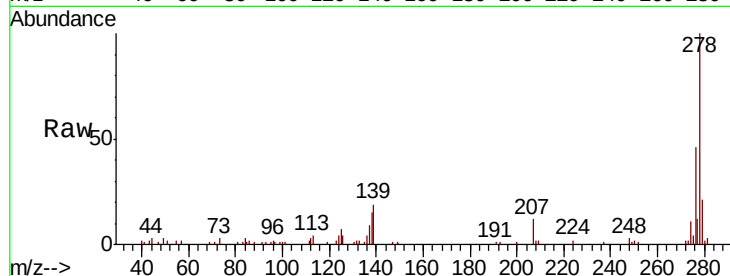




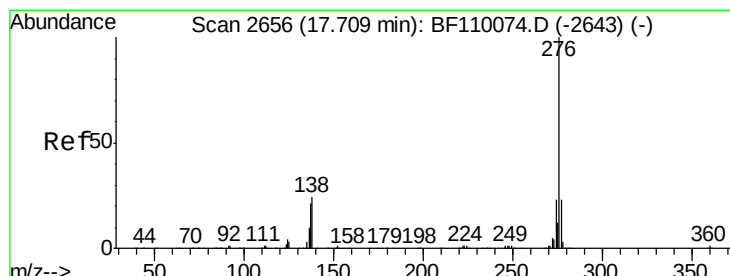
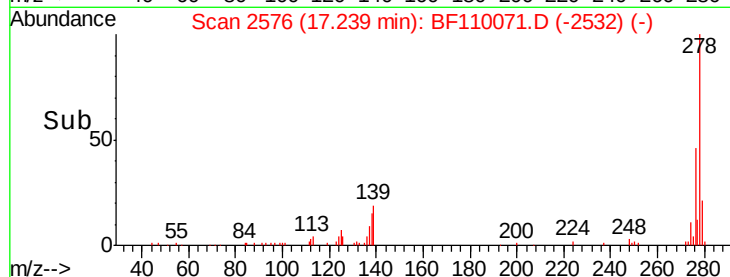
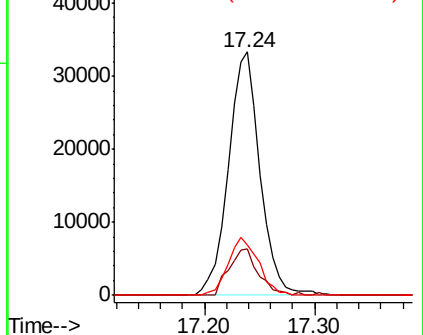
#91
Dibenzo(a,h)anthracene
Concen: 2.573 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.04 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 66720
Ion Ratio Lower Upper
278 100
139 19.0 12.7 19.1
279 20.6 19.0 28.4

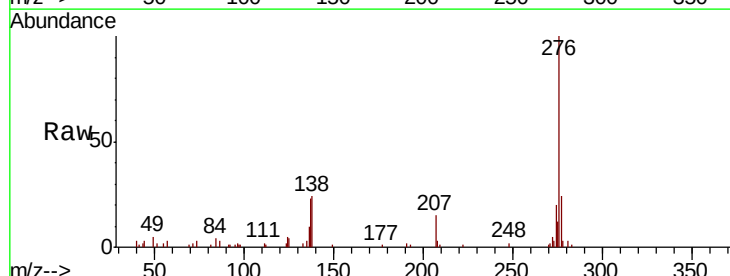


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.500 ng
RT: 17.69 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BF110071.D
Acq: 23 Oct 2018 11:20

Tgt Ion:276 Resp: 65489
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 24.2 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

