

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110100.D
 Acq On : 24 Oct 2018 1:38
 Operator : JU/SJ
 Sample : J5464-09
 Misc : MDL 8PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:59:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155590	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	656643	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	319624	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	615762	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	517437	20.00	ng	-0.02
87) Perylene-d12	15.66	264	443360	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	1247996	130.62	ng	-0.02
7) Phenol-d6	6.59	99	1569211	128.40	ng	-0.02
23) Nitrobenzene-d5	7.53	82	892254	80.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	418347	132.13	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1656596	81.39	ng	-0.02
79) Terphenyl-d14	13.09	244	1725706	69.36	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.83	88	33567	6.706	ng	93
3) Pyridine	3.65	79	85142	7.636	ng	86
4) n-Nitrosodimethylamine	3.55	42	40740	8.722	ng	# 94
6) Aniline	6.63	93	119277	7.492	ng	# 53
8) 2-Chlorophenol	6.75	128	91772	8.331	ng	95
9) Benzaldehyde	6.52	77	61792	6.473	ng	95
10) Phenol	6.60	94	105286	8.060	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	86893	8.085	ng	91
12) 1,3-Dichlorobenzene	6.90	146	99542	8.211	ng	97
13) 1,4-Dichlorobenzene	6.98	146	101939	8.315	ng	98
14) 1,2-Dichlorobenzene	7.13	146	96187	8.451	ng	98
15) Benzyl Alcohol	7.10	79	85513	9.098	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	145996	8.496	ng	66
17) 2-Methylphenol	7.20	107	72999	8.315	ng	# 83
18) Hexachloroethane	7.47	117	36242	8.074	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	63888	8.149	ng	93
20) 3+4-Methylphenols	7.35	107	99080	8.731	ng	# 85
22) Acetophenone	7.36	105	133725	8.838	ng	# 96
24) Nitrobenzene	7.55	77	97438	8.525	ng	91
25) Isophorone	7.77	82	174788	9.262	ng	96
26) 2-Nitrophenol	7.86	139	40801	7.502	ng	97
27) 2,4-Dimethylphenol	7.89	122	82185	9.114	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	111251	8.678	ng	99
29) 2,4-Dichlorophenol	8.09	162	75357	8.272	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	84095	8.241	ng	96
31) Naphthalene	8.27	128	277267	9.162	ng	98
32) Benzoic acid	7.95	122	26710	3.832	ng	97
33) 4-Chloroaniline	8.31	127	92263	6.774	ng	99
34) Hexachlorobutadiene	8.38	225	45661	8.059	ng	98
35) Caprolactam	8.65	113	22921	7.218	ng	# 85
36) 4-Chloro-3-methylphenol	8.78	107	80724	8.194	ng	96
37) 2-Methylnaphthalene	8.96	142	192068	9.592	ng	99
38) 1-Methylnaphthalene	9.06	142	182052	9.408	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	80716	8.105	ng	98

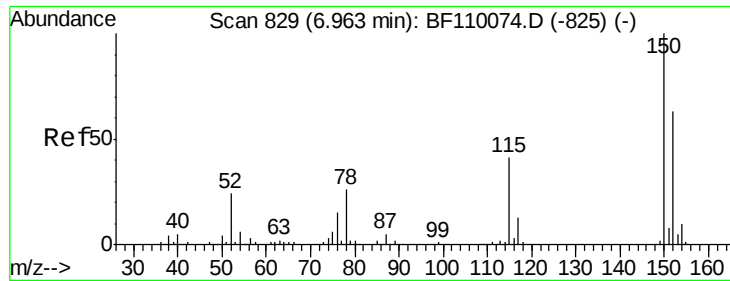
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 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	41848	8.218	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	49651	7.730	nq	99
44) 2,4,5-Trichlorophenol	9.27	196	53961	7.947	nq	95
46) 1,1'-Biphenyl	9.42	154	240560	8.323	nq	98
47) 2-Chloronaphthalene	9.45	162	181775	8.574	nq	97
48) 2-Nitroaniline	9.54	65	51625	8.035	nq	98
49) Acenaphthylene	9.87	152	280992	9.176	nq	99
50) Dimethylphthalate	9.72	163	203655	8.632	nq	98
51) 2,6-Dinitrotoluene	9.78	165	42459	8.354	nq	95
52) Acenaphthene	10.04	154	179147	8.843	nq	97
53) 3-Nitroaniline	9.95	138	42112	6.968	nq	94
54) 2,4-Dinitrophenol	10.06	184	9908	9.769	nq	92
55) Dibenzofuran	10.21	168	250820	8.843	nq	95
56) 4-Nitrophenol	10.10	139	36900	8.249	nq	89
57) 2,4-Dinitrotoluene	10.19	165	55399	8.582	nq	# 83
58) Fluorene	10.56	166	204313	9.679	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.32	232	45468	8.216	nq	93
60) Diethylphthalate	10.42	149	200043	8.686	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	95123	8.542	nq	95
62) 4-Nitroaniline	10.56	138	47981	7.982	nq	89
63) Azobenzene	10.70	77	201831	8.829	nq	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	16488	5.861	nq	85
66) n-Nitrosodiphenylamine	10.66	169	174032	8.617	nq	99
67) 4-Bromophenyl-phenylether	11.04	248	55763	8.349	nq	96
68) Hexachlorobenzene	11.10	284	59889	8.451	nq	97
69) Atrazine	11.18	200	54737	8.576	nq	97
70) Pentachlorophenol	11.29	266	23103	5.591	nq	97
71) Phenanthrene	11.52	178	305143	9.471	nq	99
72) Anthracene	11.57	178	314882	9.750	nq	98
73) Carbazole	11.73	167	267040	8.469	nq	98
74) Di-n-butylphthalate	12.04	149	317781	8.923	nq	98
75) Fluoranthene	12.71	202	311335	9.521	nq	99
77) Benzidine	12.83	184	95017	4.497	nq	95
78) Pyrene	12.94	202	311580	8.399	nq	98
80) Butylbenzylphthalate	13.55	149	125587	7.800	nq	95
81) Benzo(a)anthracene	14.13	228	271805	8.858	nq	98
82) 3,3'-Dichlorobenzidine	14.09	252	66539	6.227	nq	99
83) Chrysene	14.17	228	261034	8.956	nq	98
84) Bis(2-ethylhexyl)phthalate	14.10	149	180024	8.271	nq	98
85) Di-n-octyl phthalate	14.72	149	283700	8.383	nq	99
86) Indeno(1,2,3-cd)pyrene	17.21	276	200031	8.273	nq	# 94
88) Benzo(b)fluoranthene	15.21	252	231045	9.024	nq	99
89) Benzo(k)fluoranthene	15.21	252	231045	9.179	nq	98
90) Benzo(a)pyrene	15.59	252	208601	8.855	nq	96
91) Dibenzo(a,h)anthracene	17.23	278	168214	8.275	nq	98
92) Benzo(g,h,i)perylene	17.68	276	161088	8.042	nq	96

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

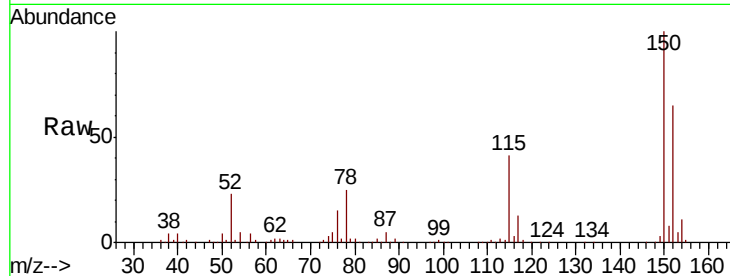


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.7	184.1
115	62.5	49.1	73.7

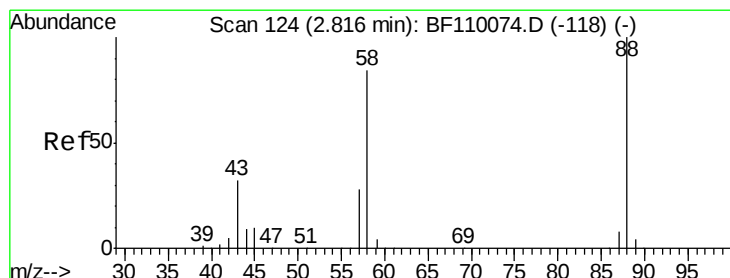
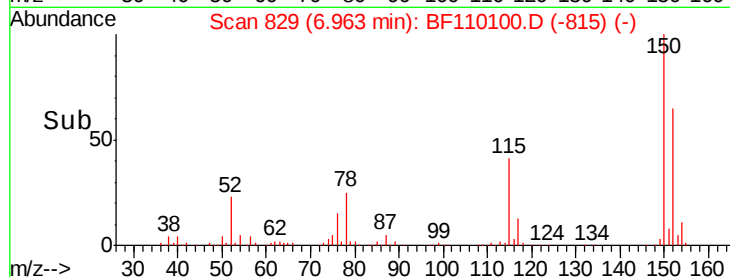
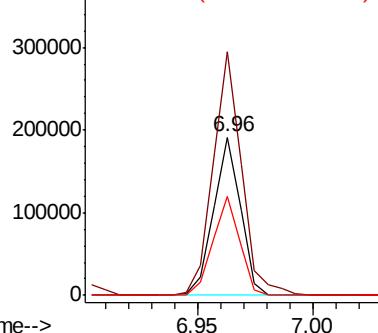


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

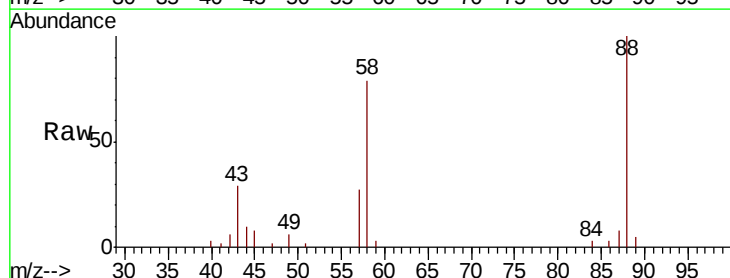
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 6.706 ng
RT: 2.83 min Scan# 127
Delta R.T. -0.01 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	57.1	85.7
43	32.0	24.1	36.1

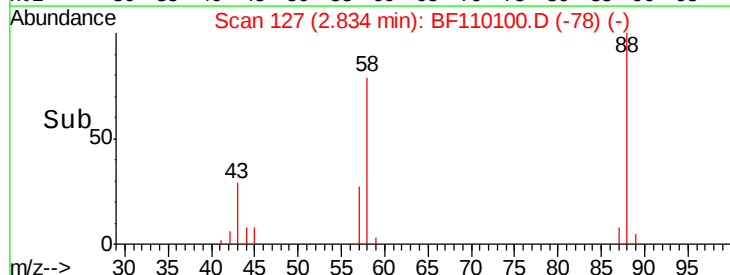
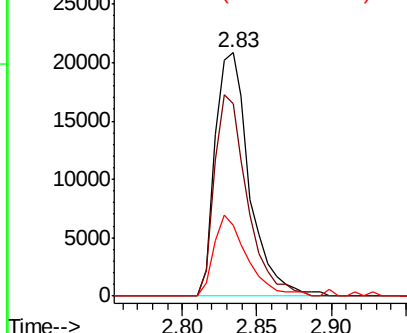


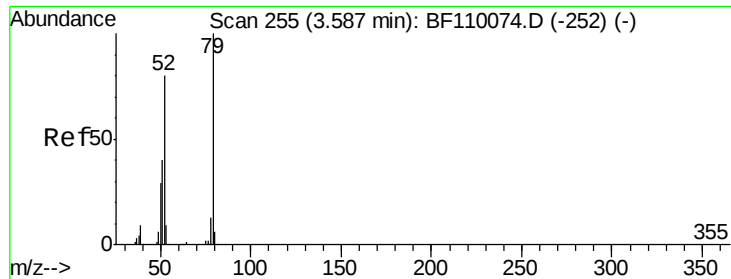
Abundance

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

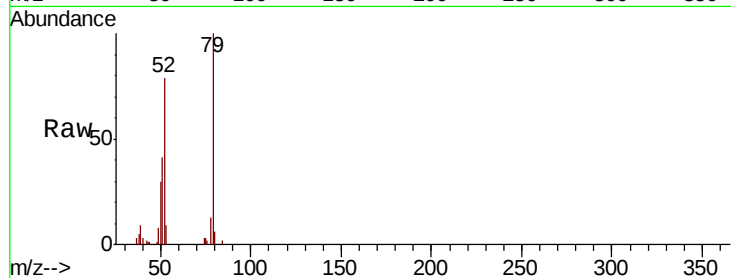




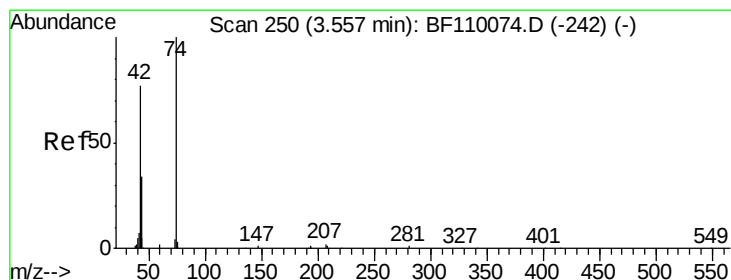
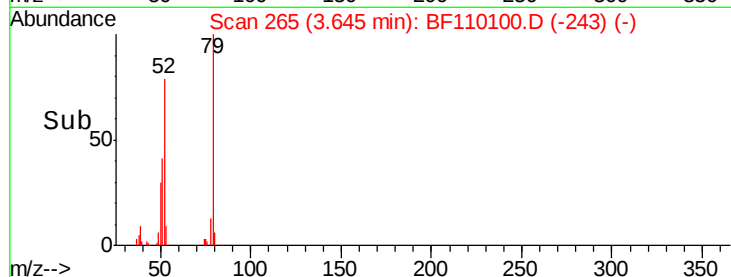
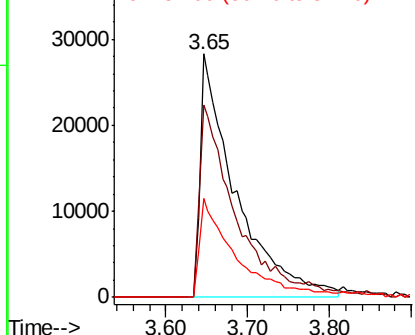
#3
 Pvridine
 Concen: 7.636 ng
 RT: 3.65 min Scan# 265
 Delta R.T. 0.03 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 85142
 Ion Ratio Lower Upper
 79 100
 52 78.9 53.1 79.7
 51 40.6 27.4 41.2

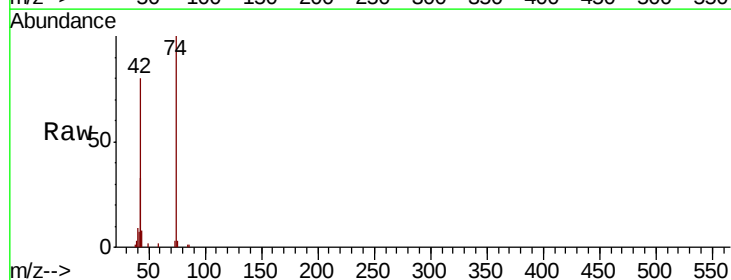


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

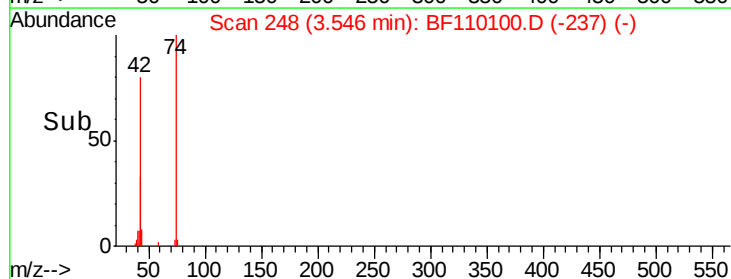
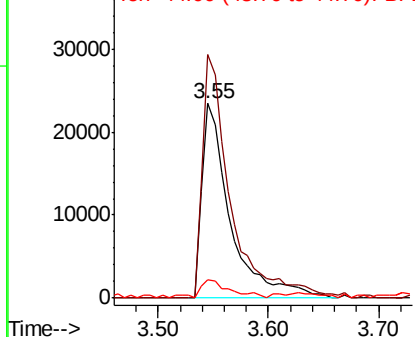


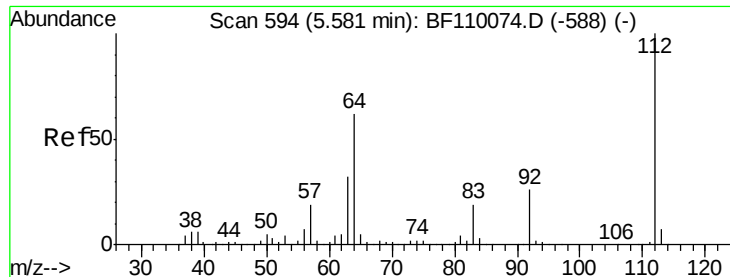
#4
 n-Nitrosodimethylamine
 Concen: 8.722 ng
 RT: 3.55 min Scan# 248
 Delta R.T. -0.04 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion: 42 Resp: 40740
 Ion Ratio Lower Upper
 42 100
 74 125.0 105.5 158.3
 44 9.5 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 130.619 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampled :

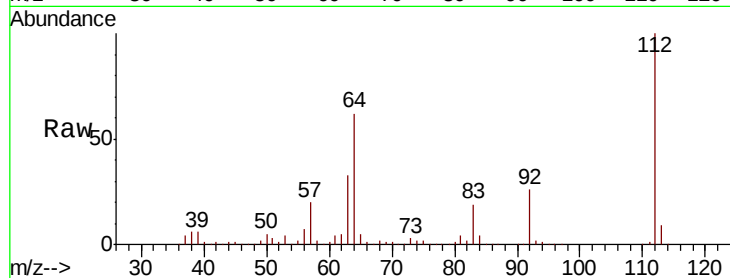
Tot Ion:112 Resp: 1247996

Ion Ratio Lower Upper

112 100

64 62.2 44.1 66.1

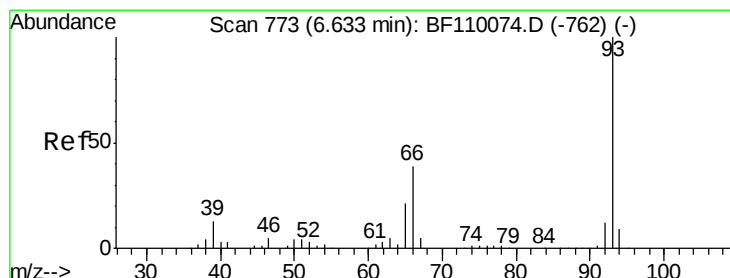
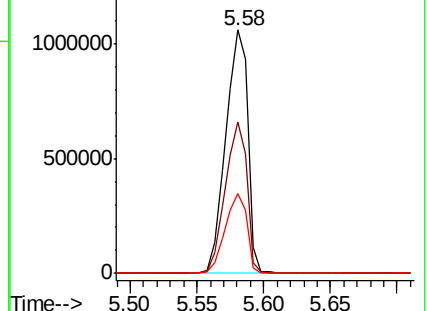
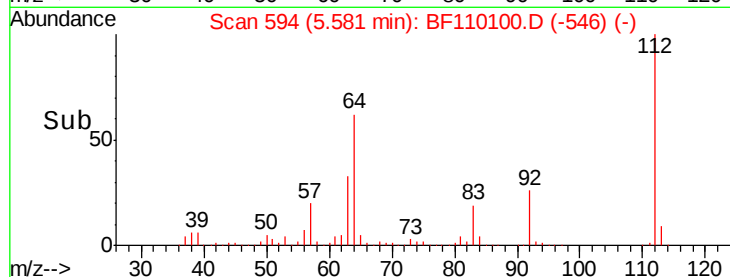
63 32.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 7.492 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

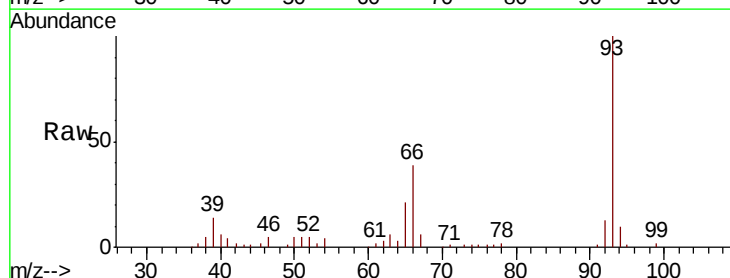
Tgt Ion: 93 Resp: 119277

Ion Ratio Lower Upper

93 100

66 39.1 67.4 101.0#

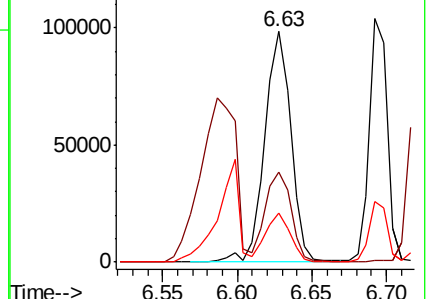
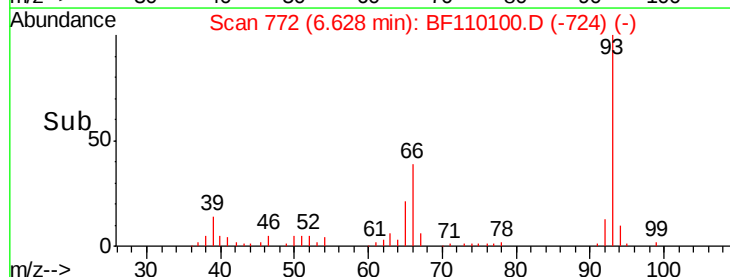
65 21.0 41.0 61.4#

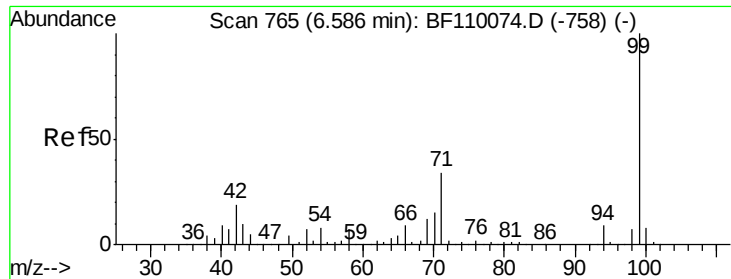


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.404 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

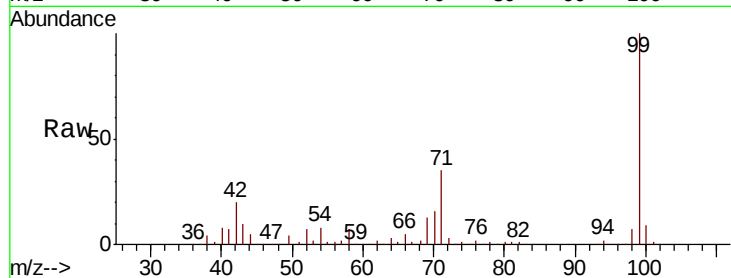
Tot Ion: 99 Resp: 1569211

Ion Ratio Lower Upper

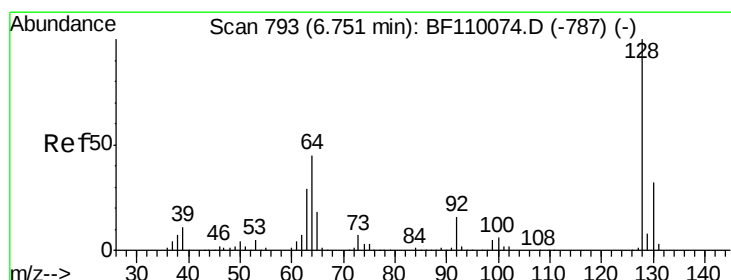
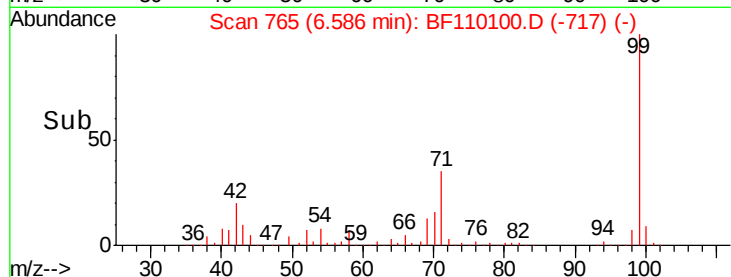
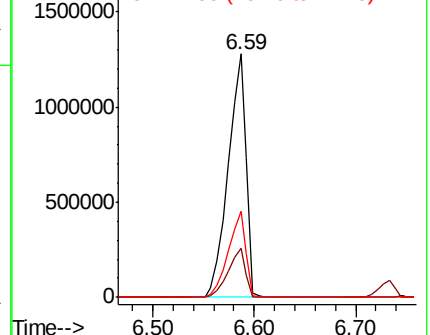
99 100

42 19.9 15.8 23.6

71 35.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 8.331 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

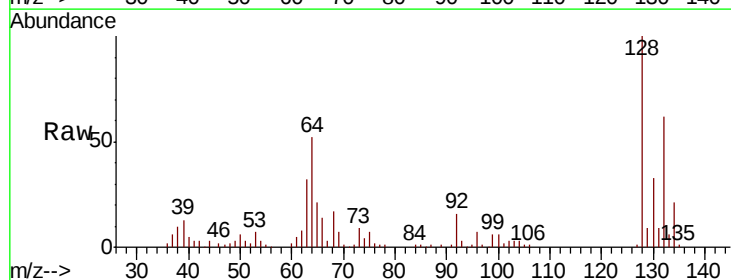
Tgt Ion: 128 Resp: 91772

Ion Ratio Lower Upper

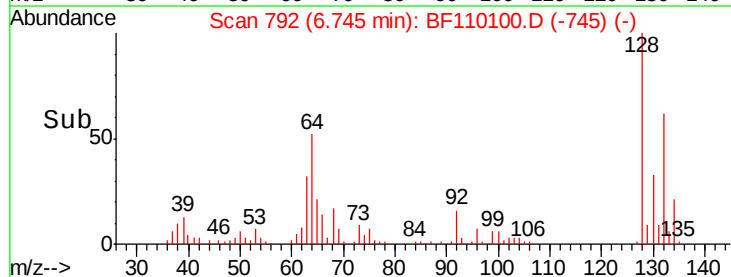
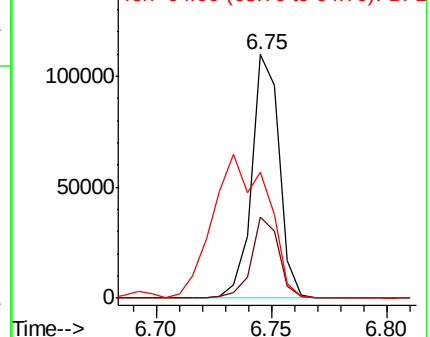
128 100

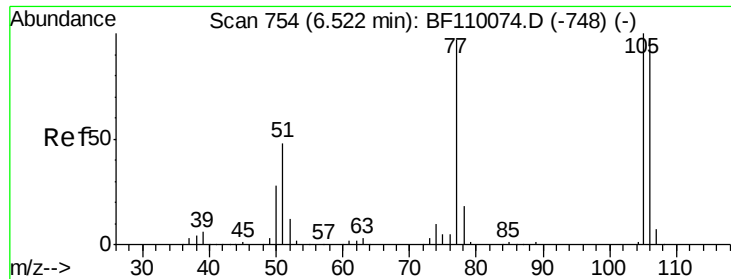
130 33.2 13.1 53.1

64 51.9 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

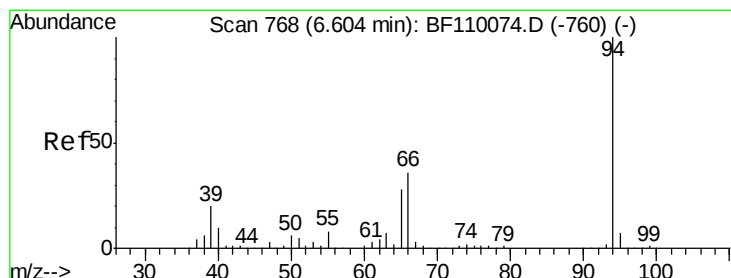
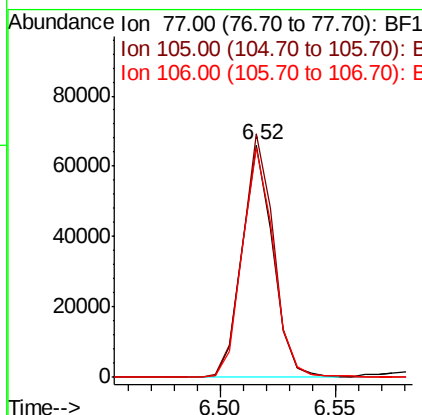
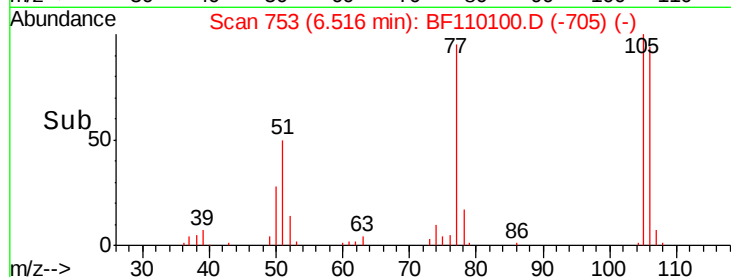
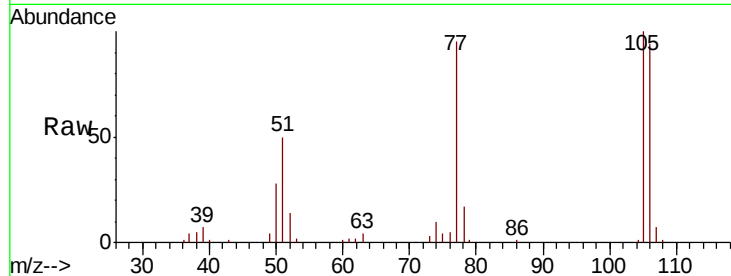




#9
Benzaldehyde
Concen: 6.473 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

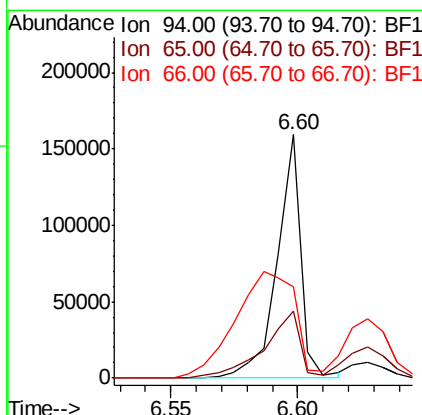
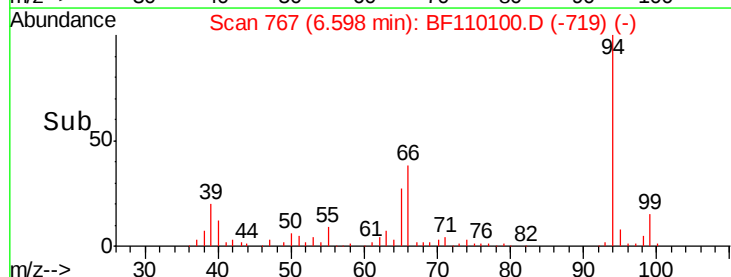
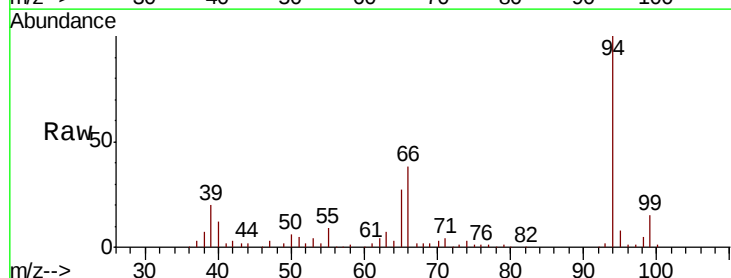
Instrument :
BNA_F
ClientSampled :

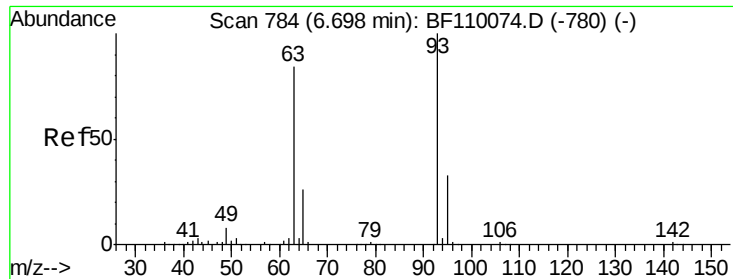
Tot Ion: 77 Resp: 61792
Ion Ratio Lower Upper
77 100
105 104.8 78.6 118.6
106 99.0 74.8 114.8



#10
Phenol
Concen: 8.060 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 94 Resp: 105286
Ion Ratio Lower Upper
94 100
65 27.5 25.3 65.3
66 37.7 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 8.085 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

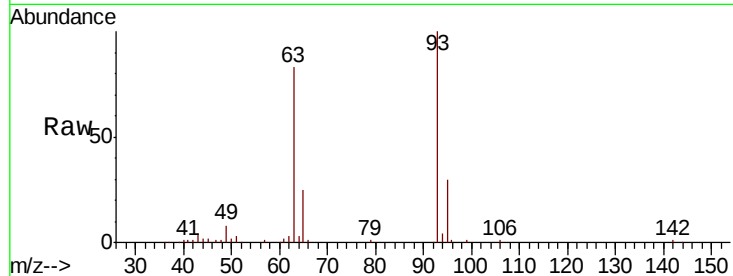
Tot Ion: 93 Resp: 86893

Ion Ratio Lower Upper

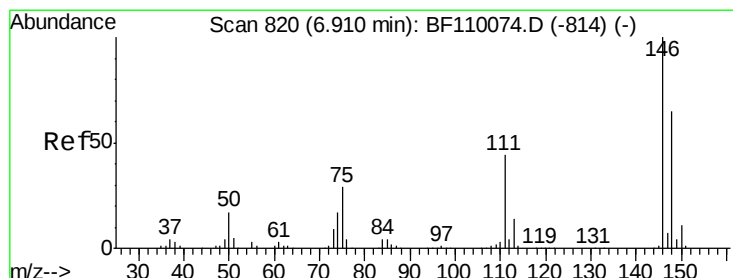
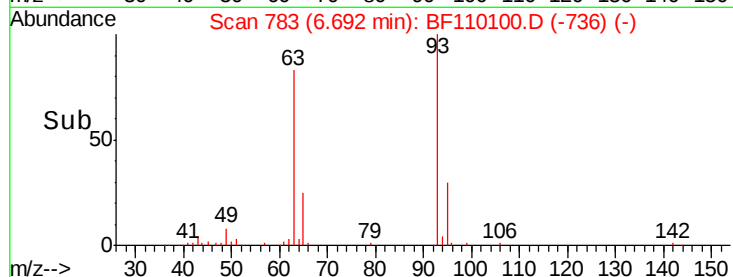
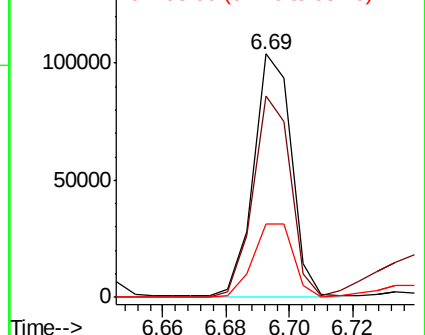
93 100

63 82.6 53.4 93.4

95 30.3 12.1 52.1



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



#12

1,3-Dichlorobenzene

Concen: 8.211 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

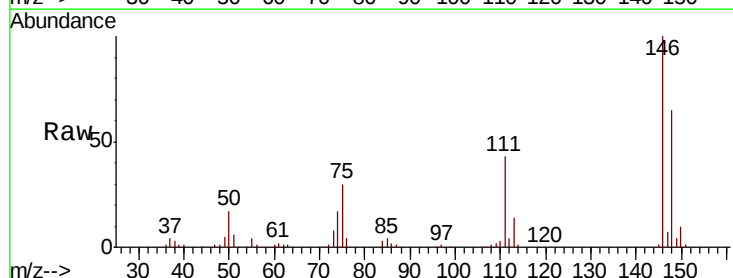
Tgt Ion: 146 Resp: 99542

Ion Ratio Lower Upper

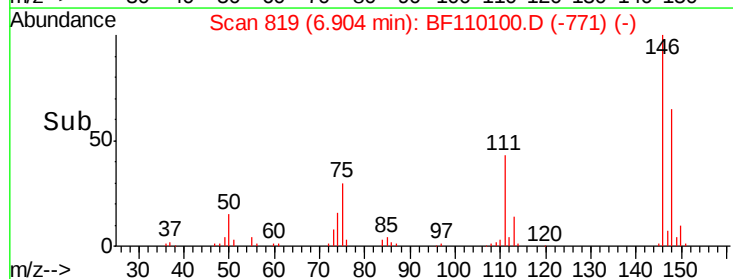
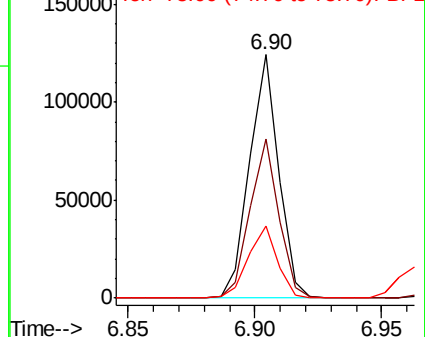
146 100

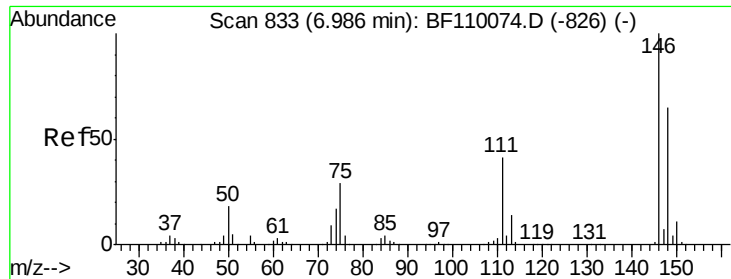
148 65.2 50.4 75.6

75 29.9 25.8 38.6



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

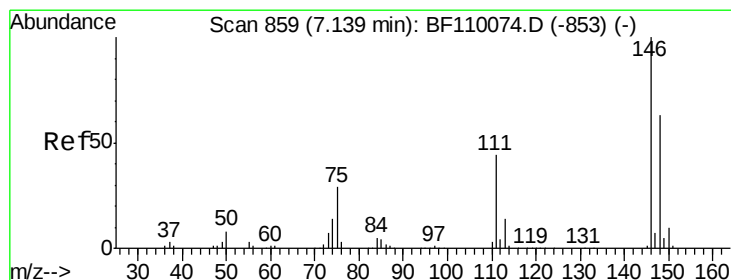
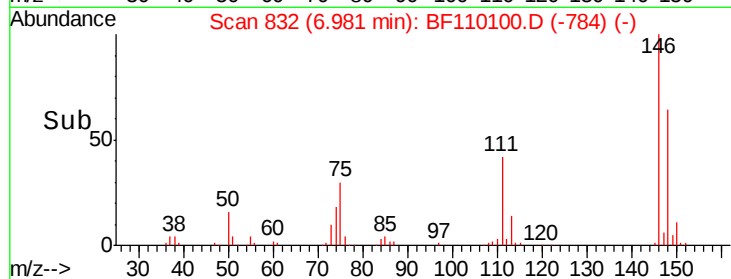
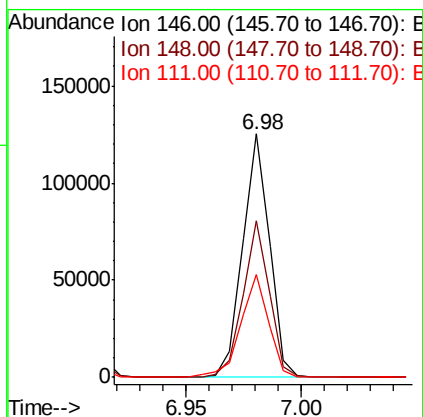
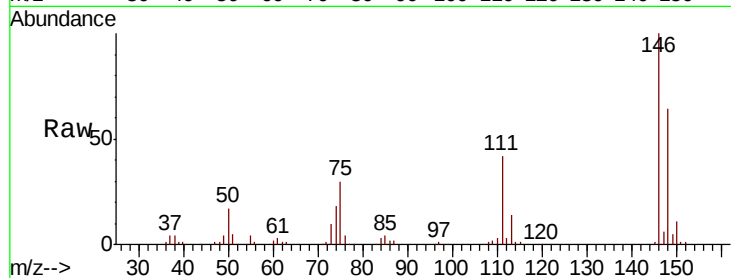




#13
 1,4-Dichlorobenzene
 Concen: 8.315 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

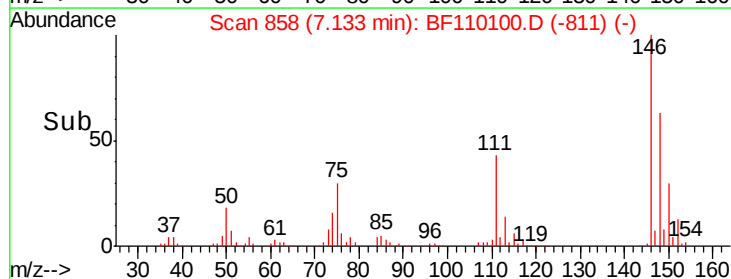
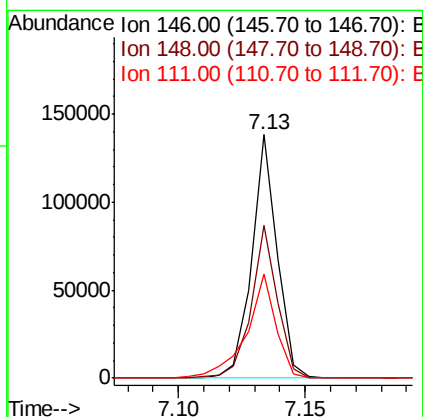
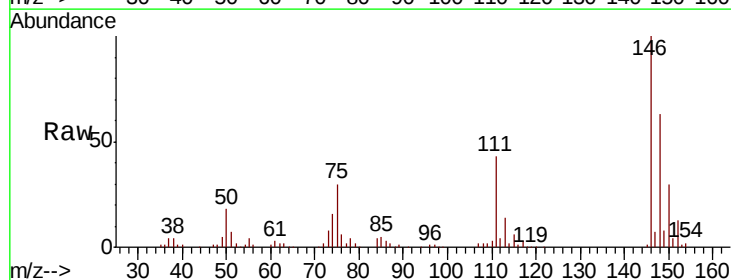
Instrument :
 BNA_F
 ClientSampleId :

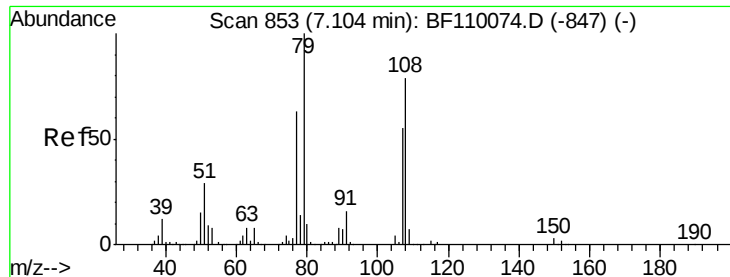
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.3	75.5
111	42.2	32.7	49.1



#14
 1,2-Dichlorobenzene
 Concen: 8.451 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	42.5	35.8	53.6





#15

Benzyl Alcohol

Concen: 9.098 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

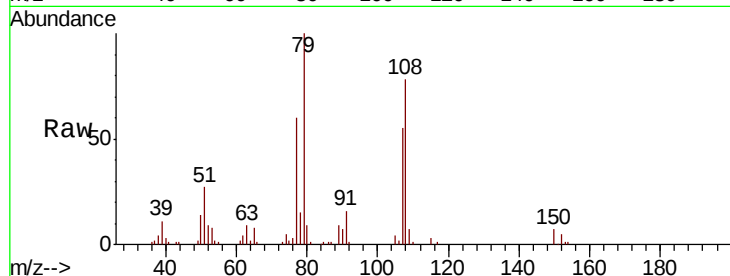
Tot Ion: 79 Resp: 85513

Ion Ratio Lower Upper

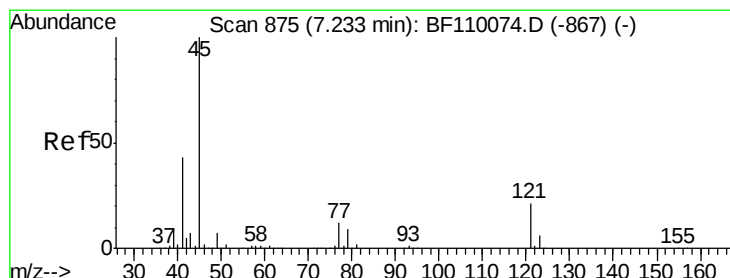
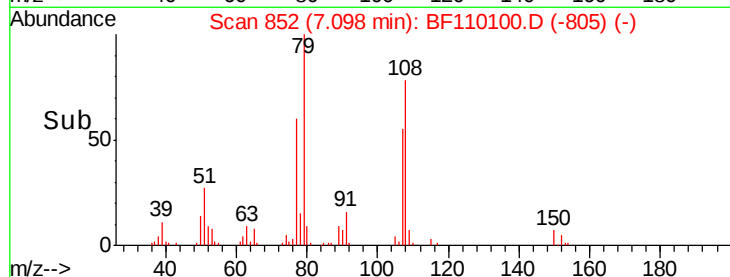
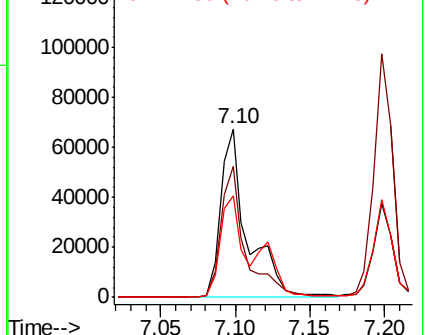
79 100

108 78.1 56.3 84.5

77 60.5 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: 8.496 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

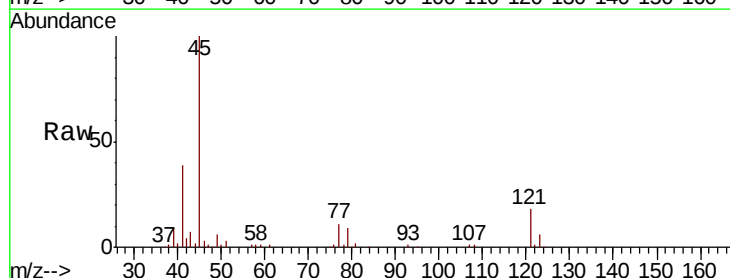
Tgt Ion: 45 Resp: 145996

Ion Ratio Lower Upper

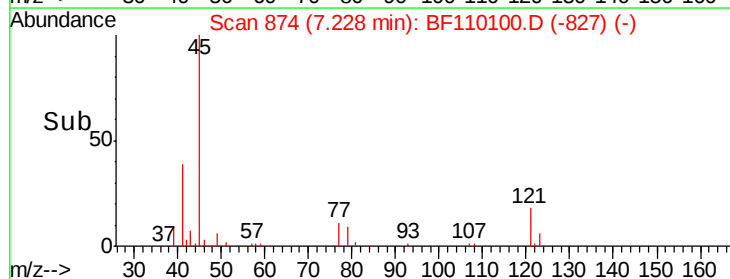
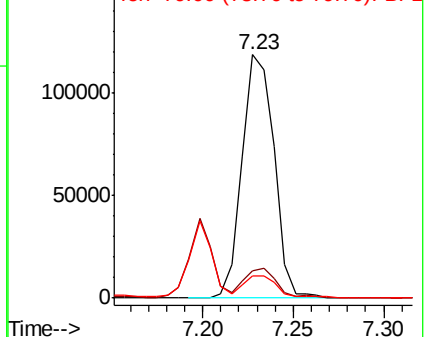
45 100

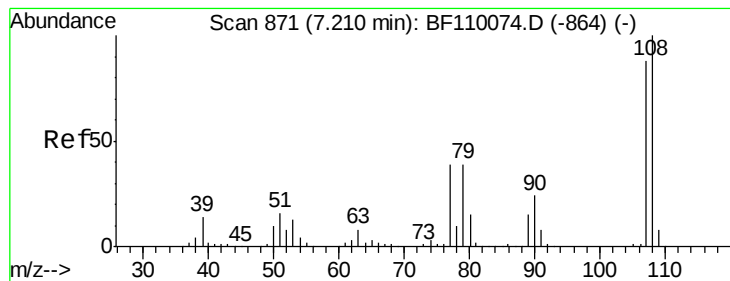
77 11.4 10.0 50.0

79 9.4 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

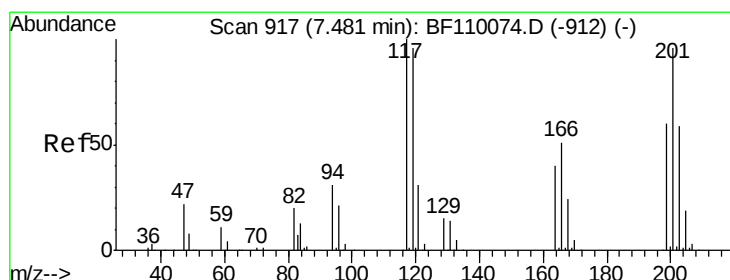
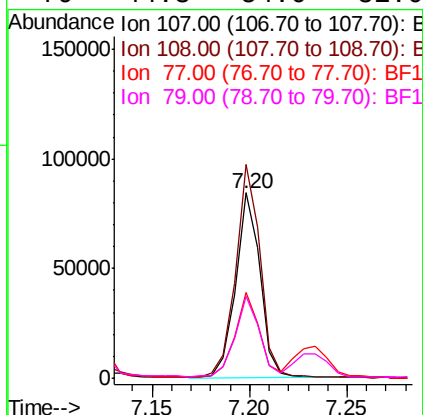
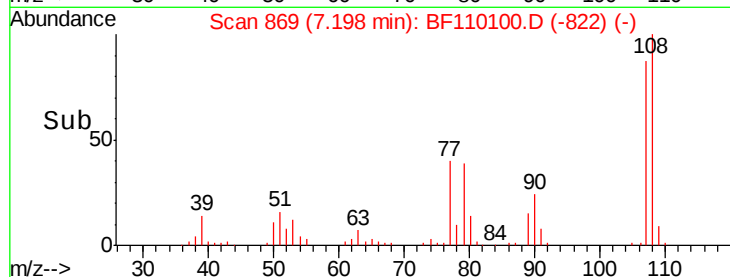
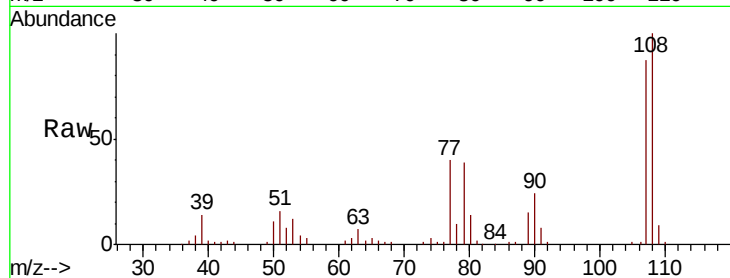




#17
2-Methylphenol
Concen: 8.315 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

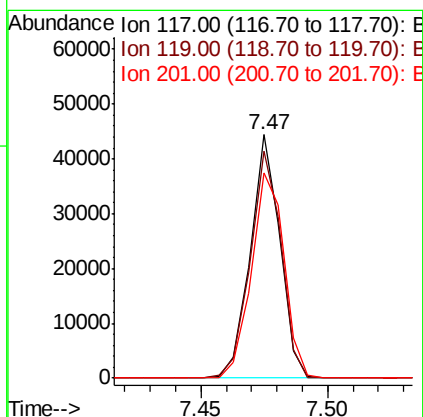
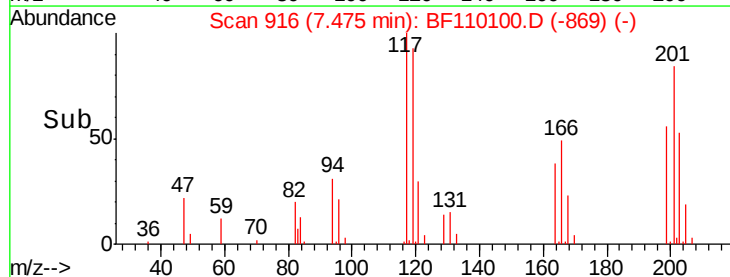
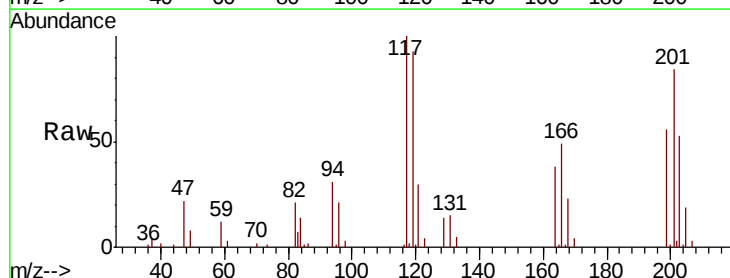
Instrument :
BNA_F
ClientSampled :

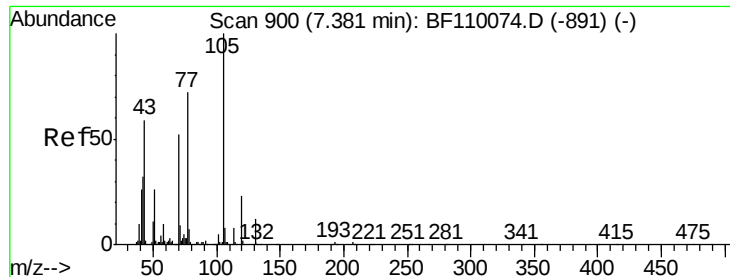
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.6	138.8
77	45.9	59.4	89.2#
79	44.3	54.0	81.0#



#18
Hexachloroethane
Concen: 8.074 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	75.0	112.6
201	84.1	79.2	118.8

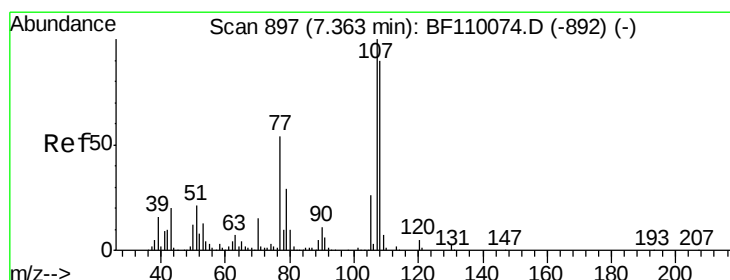
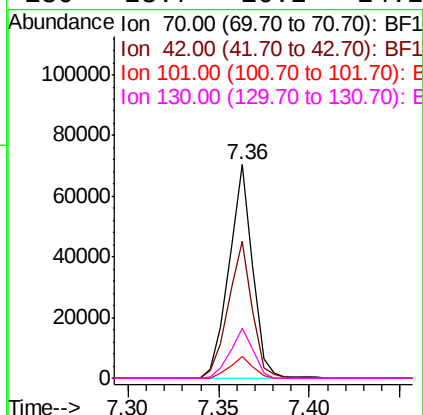
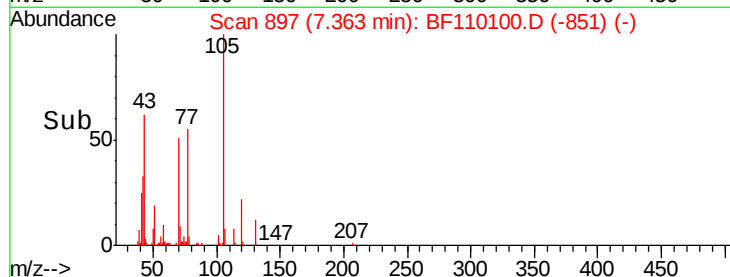
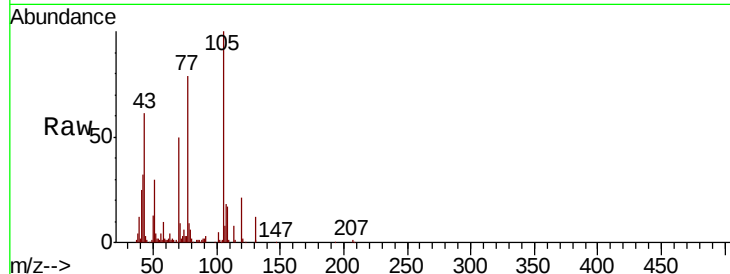




#19
n-Nitroso-di-n-propylamine
Concen: 8.149 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

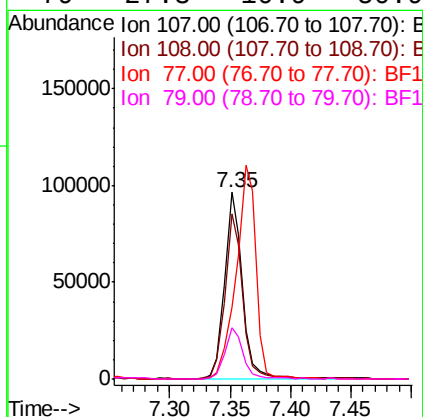
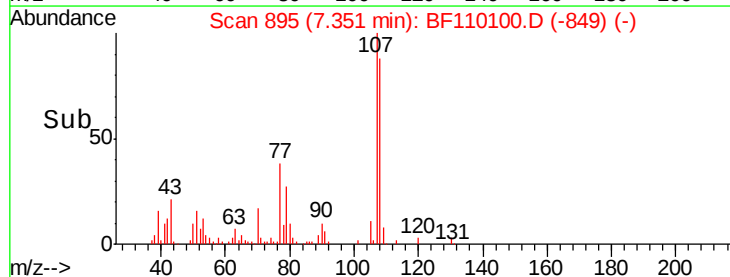
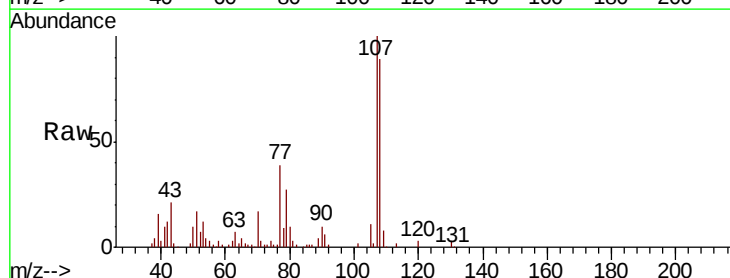
Instrument :
BNA_F
ClientSampled :

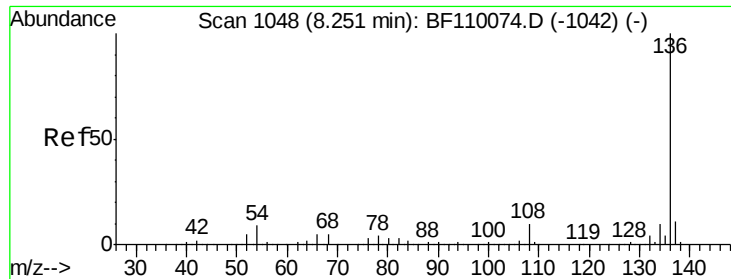
Tot Ion: 70 Resp: 63888
Ion Ratio Lower Upper
70 100
42 64.4 47.4 71.2
101 10.2 7.3 10.9
130 23.7 16.2 24.2



#20
3+4-Methylphenols
Concen: 8.731 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 107 Resp: 99080
Ion Ratio Lower Upper
107 100
108 88.6 71.4 111.4
77 38.5 47.3 87.3#
79 27.3 10.9 50.9

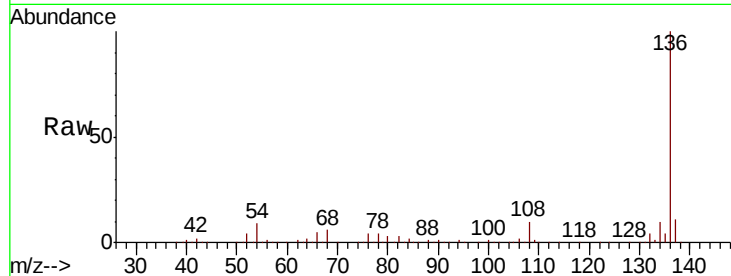




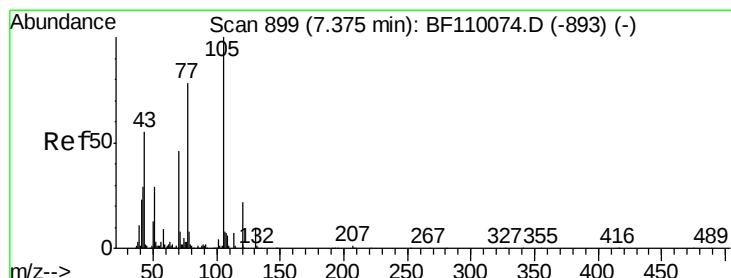
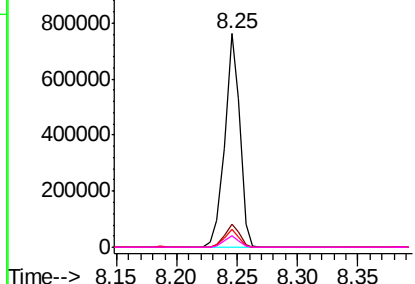
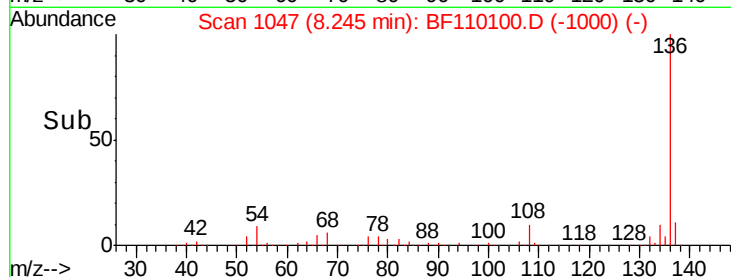
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	656643
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	8.6	5.4 8.2#
68	5.7	4.2 6.2

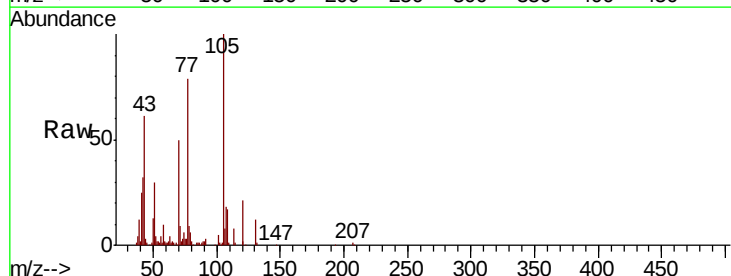


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

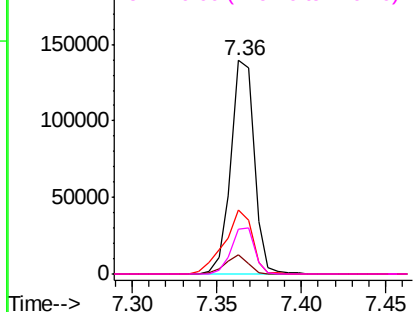
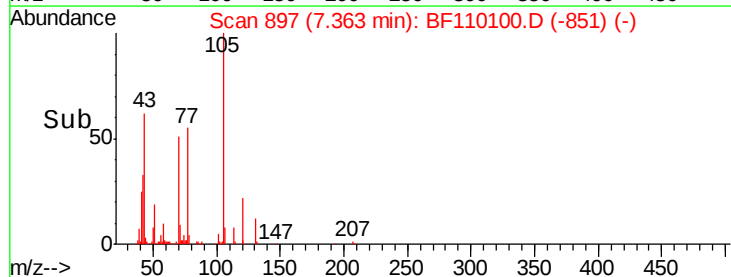


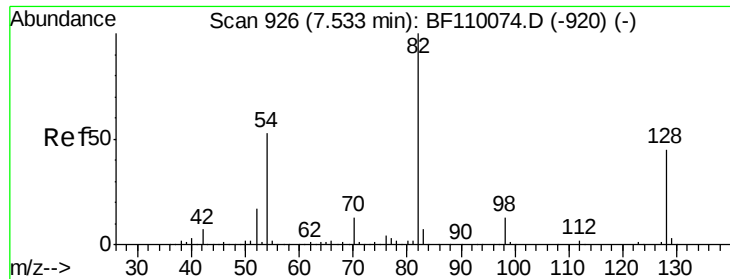
#22
Acetophenone
Concen: 8.838 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:105	Resp:	133725
Ion Ratio	Lower	Upper
105	100	
71	8.8	5.2 7.8#
51	30.1	21.8 32.8
120	21.3	17.0 25.4



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

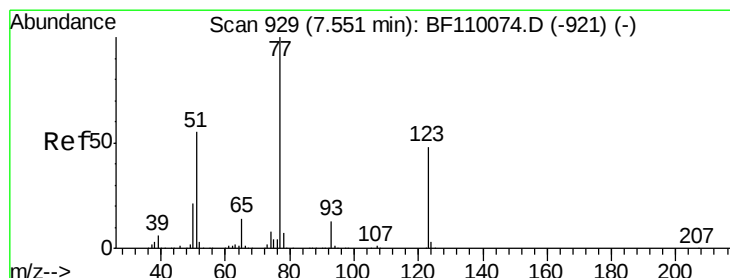
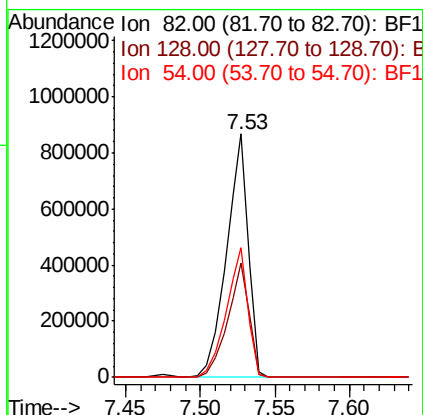
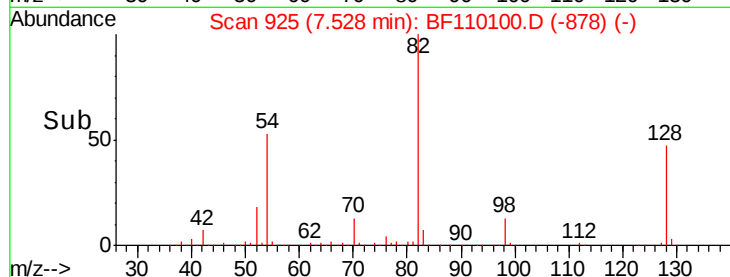
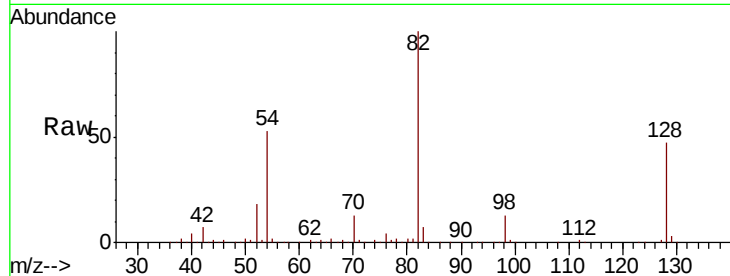




#23
Nitrobenzene-d5
Concen: 80.595 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

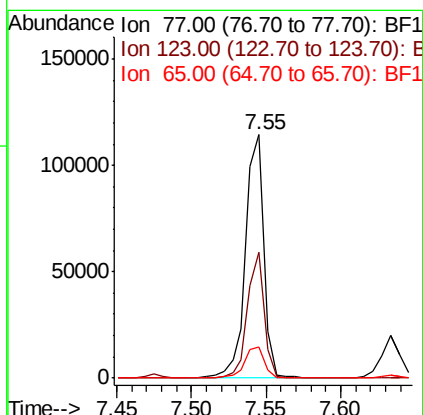
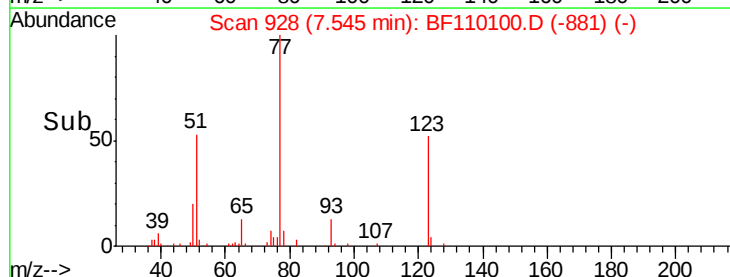
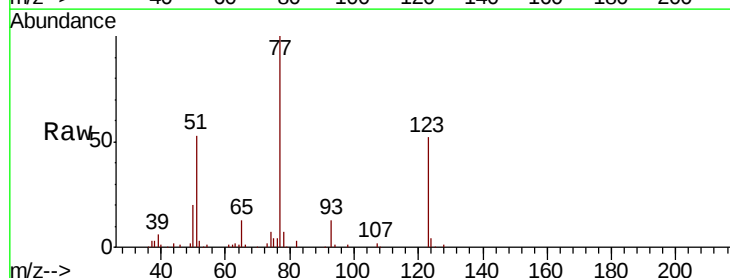
Instrument :
BNA_F
ClientSampleId :

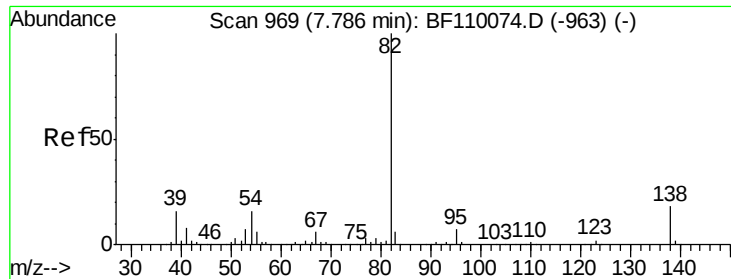
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	53.1	38.6	58.0



#24
Nitrobenzene
Concen: 8.525 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	35.7	53.5
65	13.0	10.7	16.1

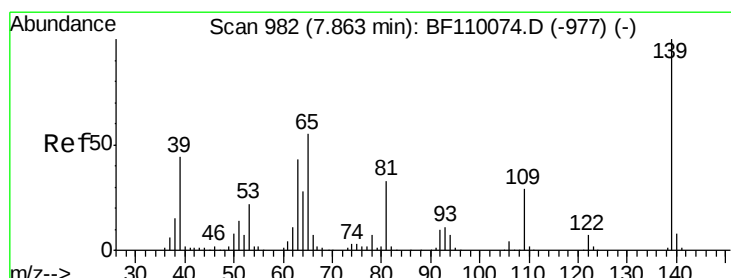
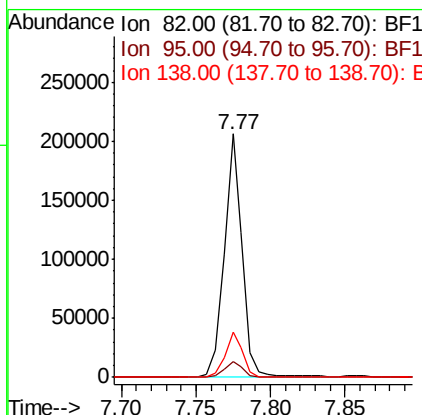
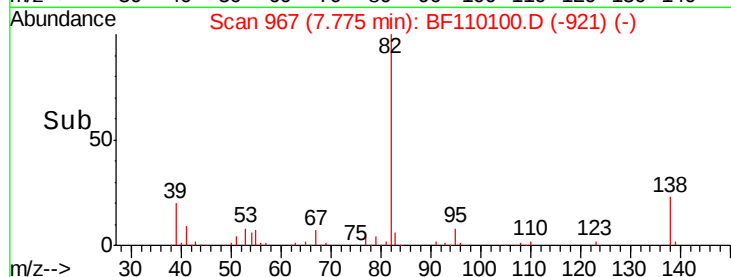
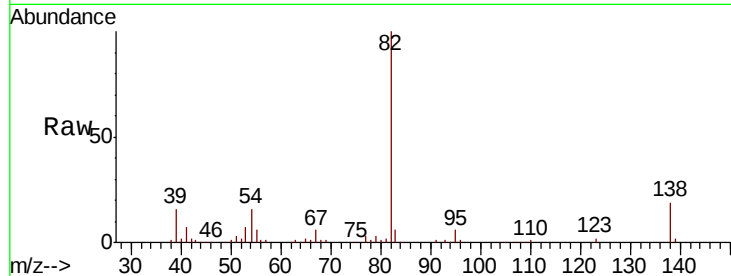




#25
Isophorone
Concen: 9.262 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

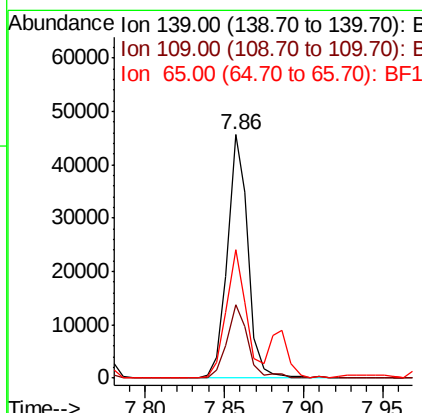
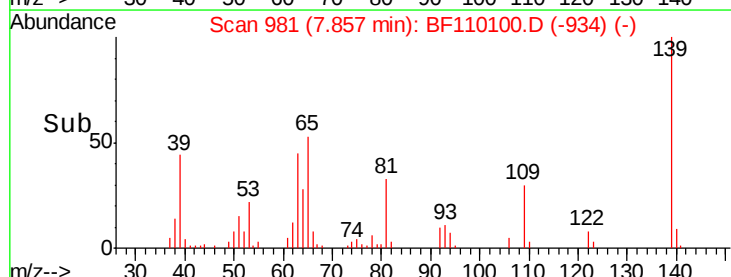
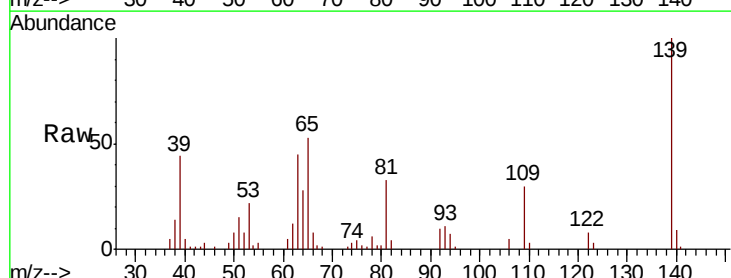
Instrument :
BNA_F
ClientSampled :

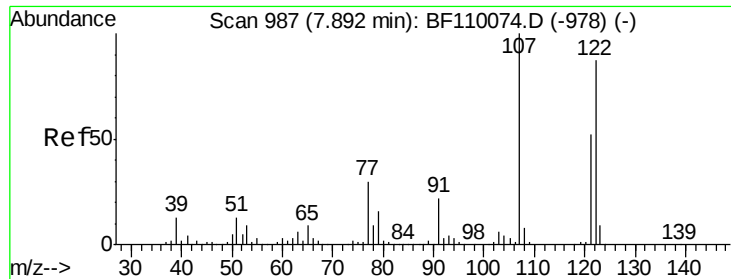
Tot Ion: 82 Resp: 174788
Ion Ratio Lower Upper
82 100
95 6.5 5.7 8.5
138 18.6 13.2 19.8



#26
2-Nitrophenol
Concen: 7.502 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 139 Resp: 40801
Ion Ratio Lower Upper
139 100
109 30.1 25.0 37.6
65 52.7 44.0 66.0

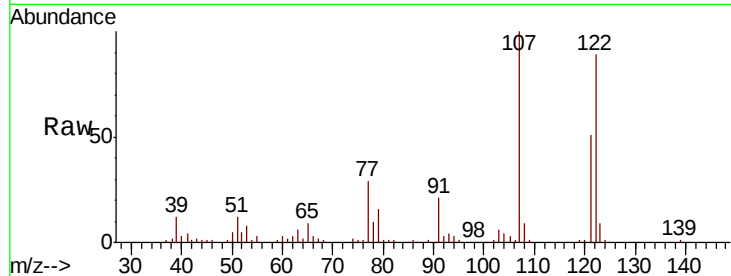




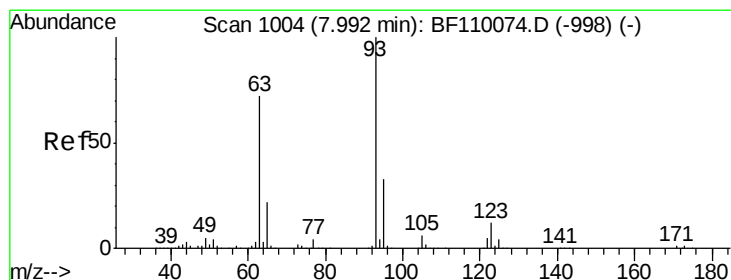
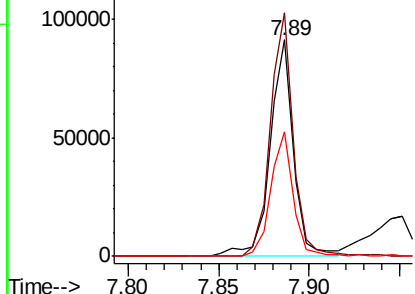
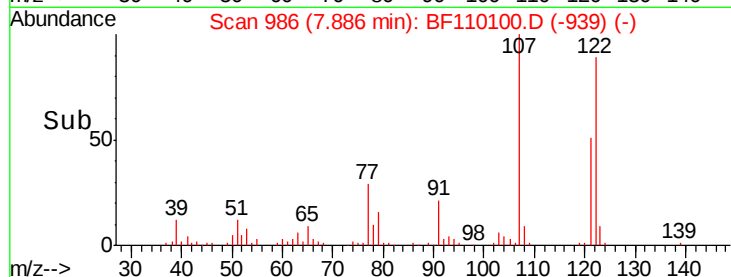
#27
2,4-Dimethylphenol
Concen: 9.114 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 82185
Ion Ratio Lower Upper
122 100
107 112.5 92.5 138.7
121 57.4 45.8 68.8

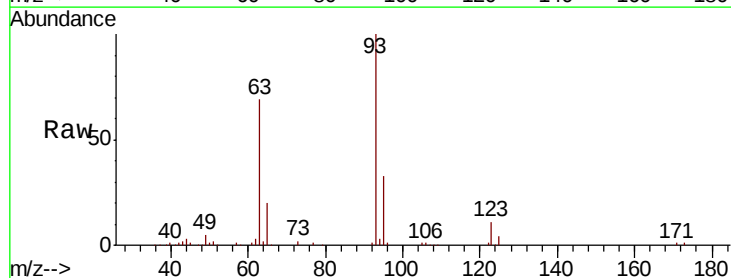


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

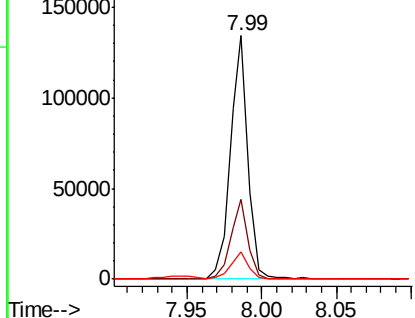
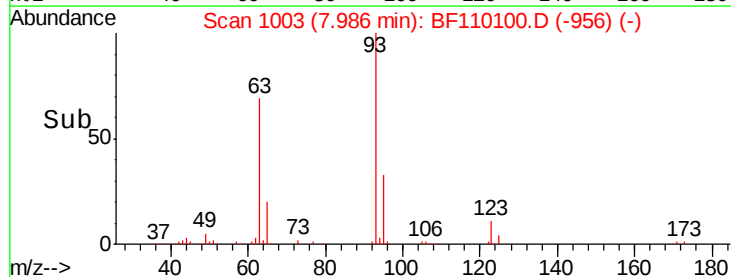


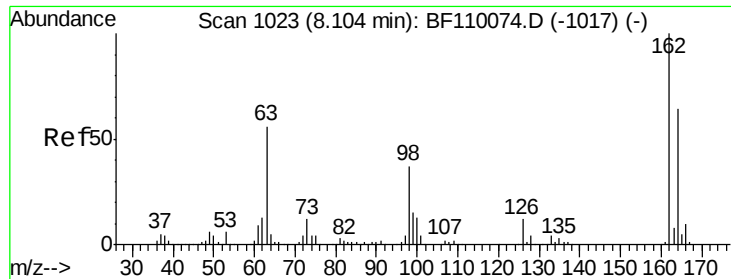
#28
bis(2-Chloroethoxy)methane
Concen: 8.678 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion: 93 Resp: 111251
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 11.2 9.0 13.6



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

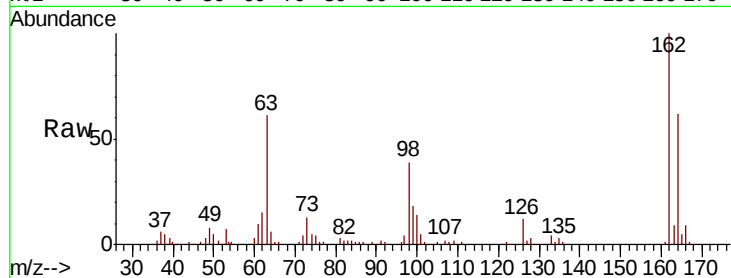




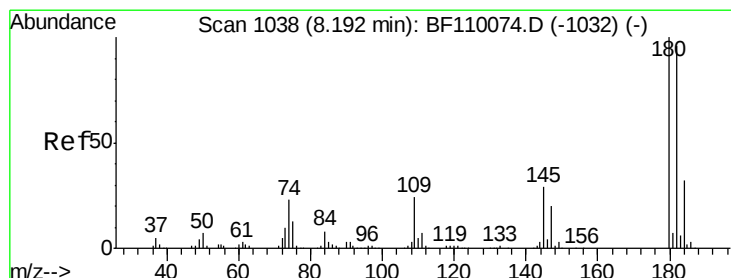
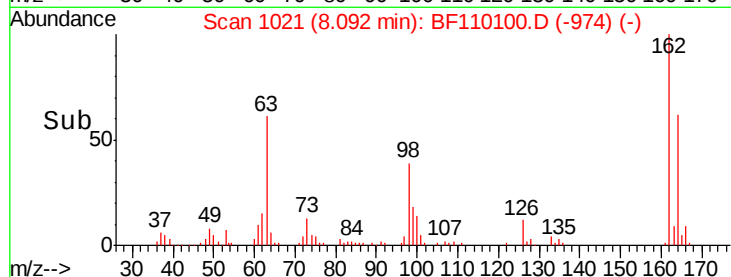
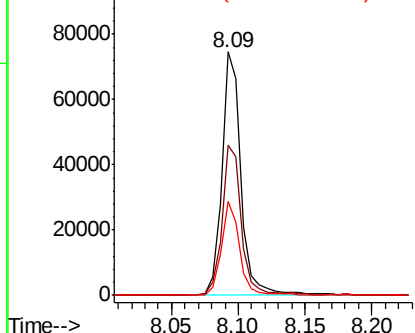
#29
 2,4-Dichlorophenol
 Concen: 8.272 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	38.6	17.4	57.4

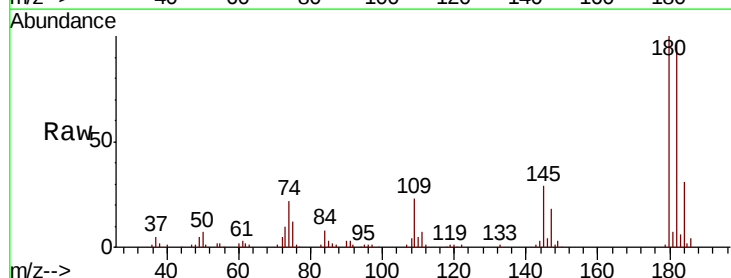


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

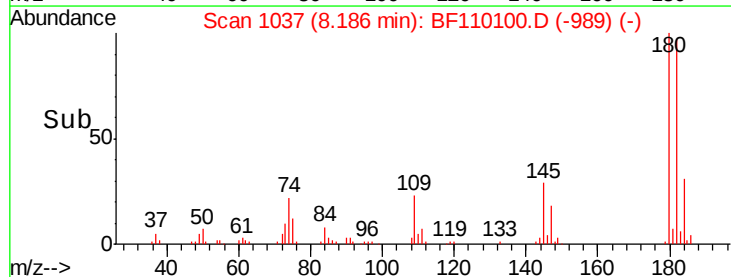
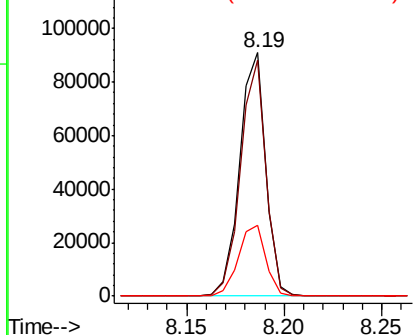


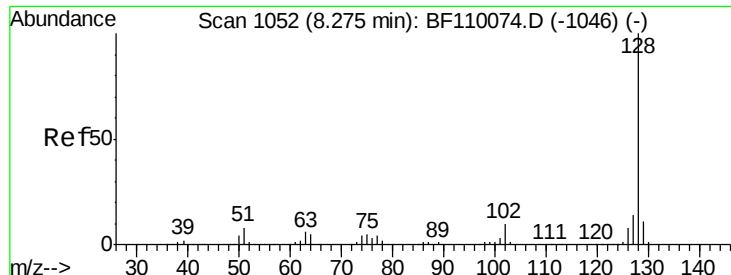
#30
 1,2,4-Trichlorobenzene
 Concen: 8.241 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	80.3	120.5
145	29.3	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: 9.162 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

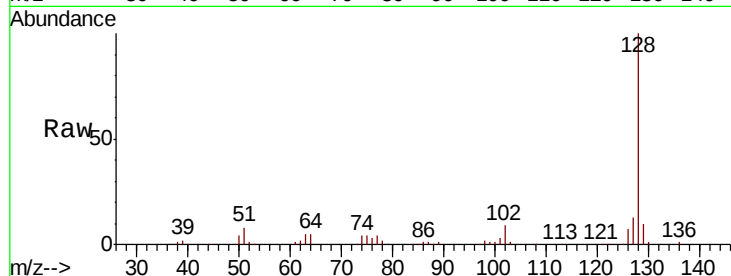
Tot Ion:128 Resp: 277267

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

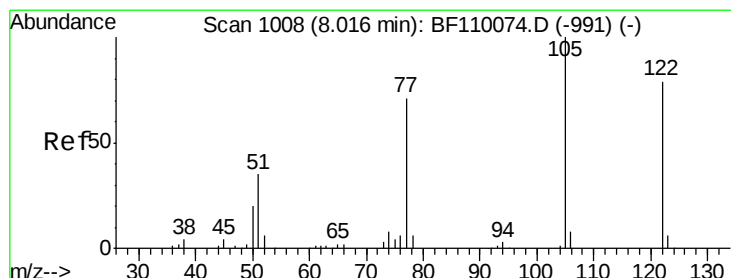
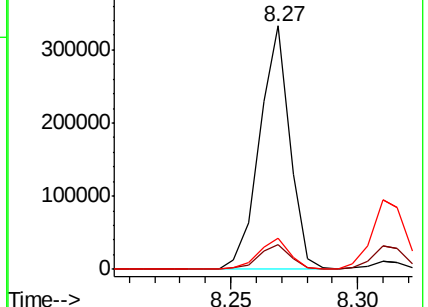
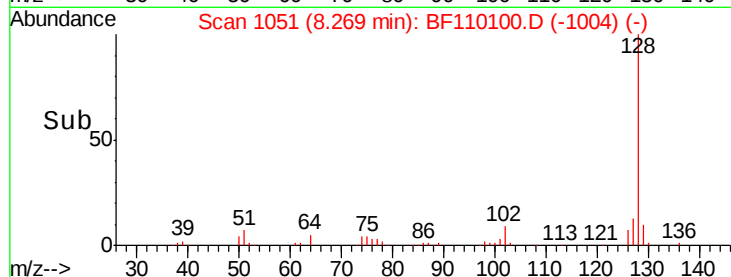
127 12.8 10.8 16.2



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: 3.832 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.06 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

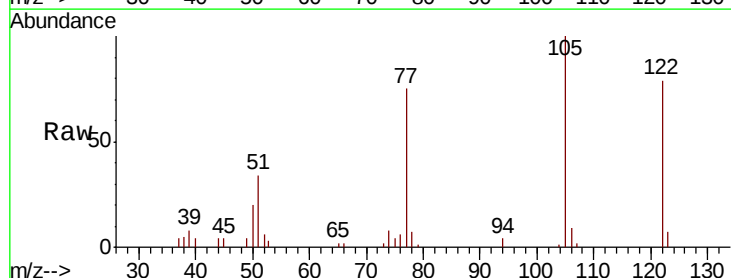
Tgt Ion:122 Resp: 26710

Ion Ratio Lower Upper

122 100

105 126.6 109.0 149.0

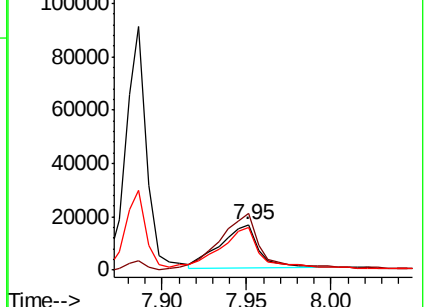
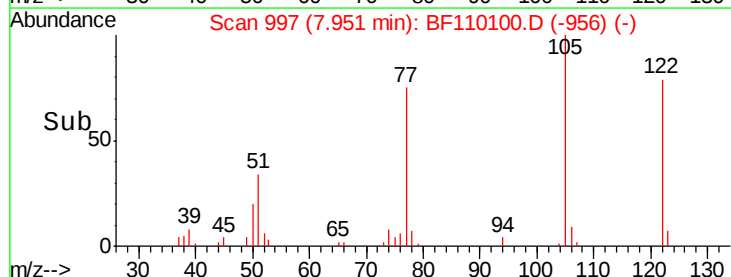
77 95.3 79.0 119.0

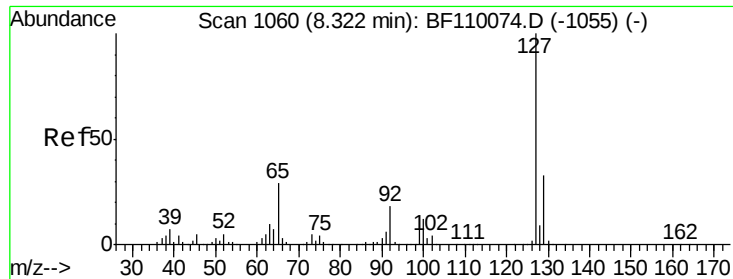


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

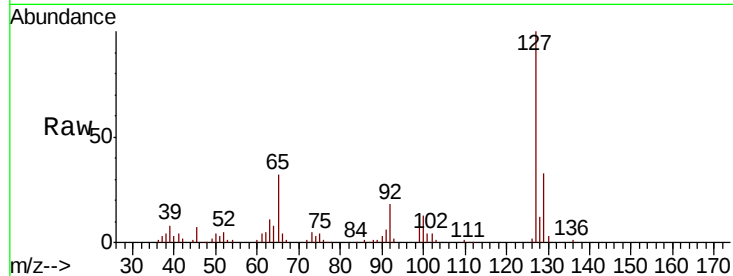




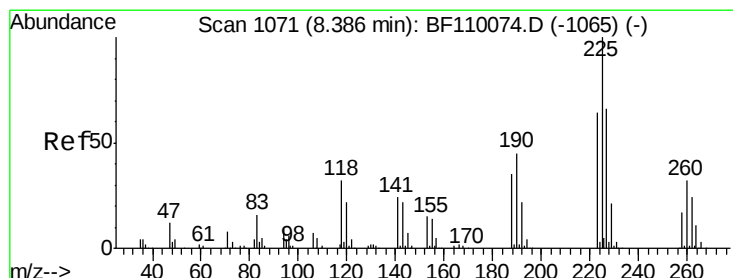
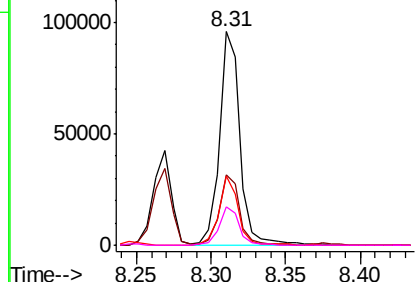
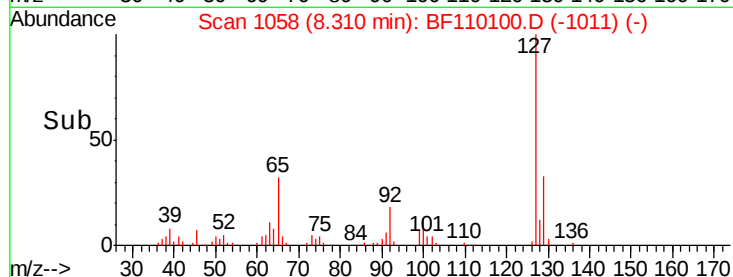
#33
4-Chloroaniline
Concen: 6.774 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	92263
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	32.2	25.1	37.7
92	18.0	15.0	22.6

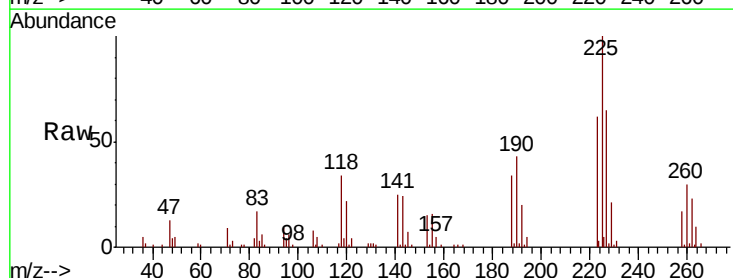


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

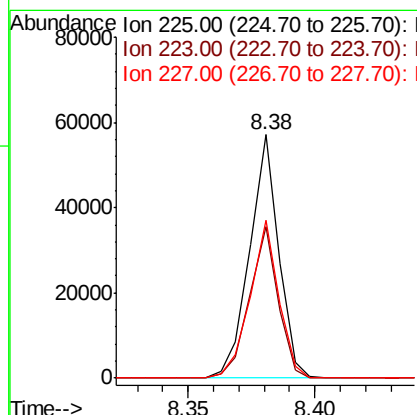
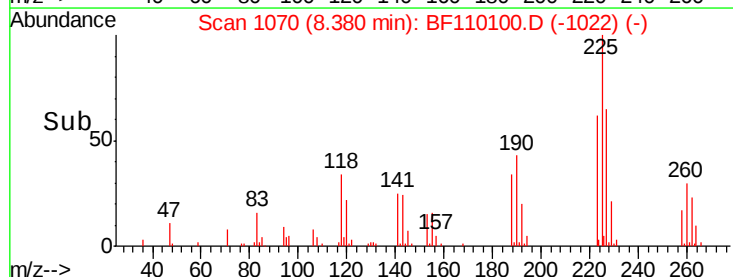


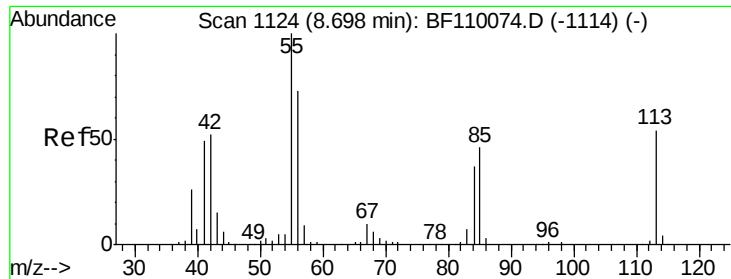
#34
Hexachlorobutadiene
Concen: 8.059 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:	225	Resp:	45661
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	64.9	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

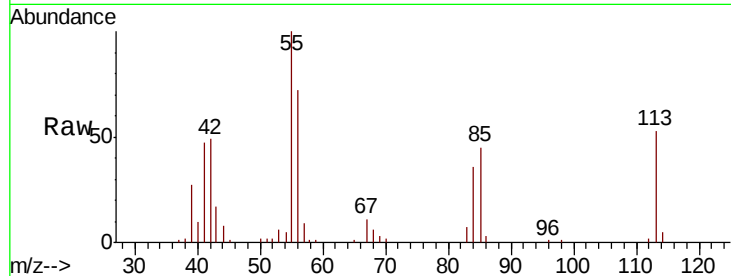




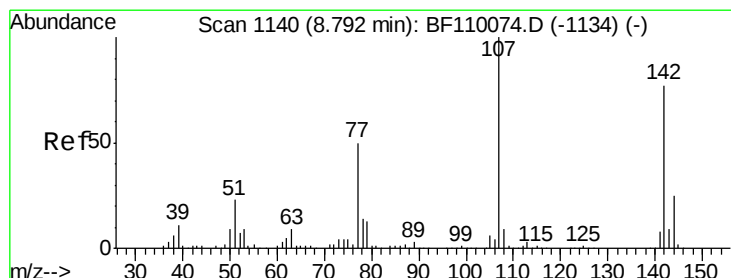
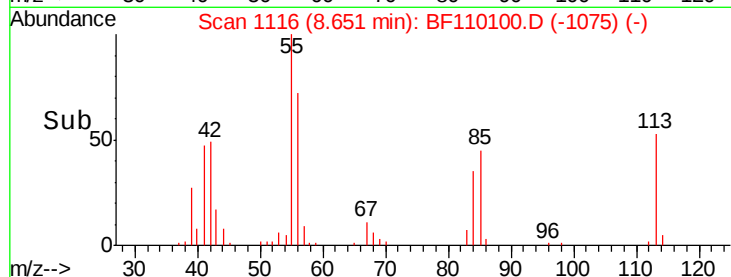
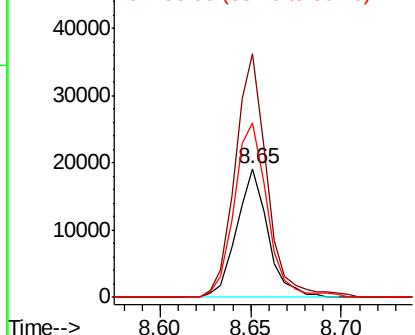
#35
 Caprolactam
 Concen: 7.218 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.06 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 22921
 Ion Ratio Lower Upper
 113 100
 55 189.4 142.8 182.8#
 56 135.5 105.0 145.0

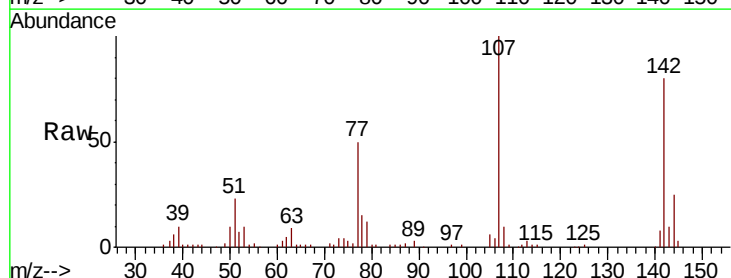


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

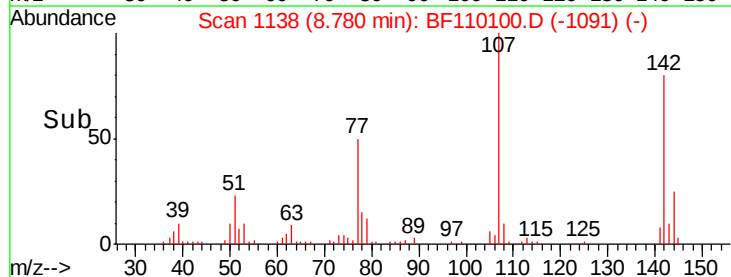
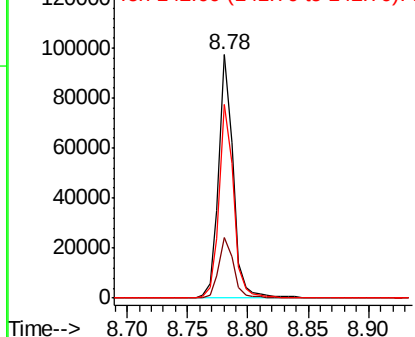


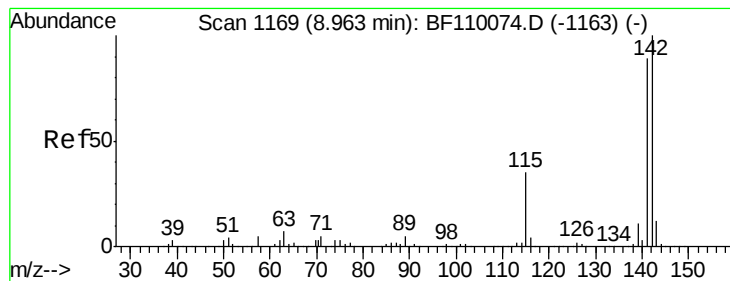
#36
 4-Chloro-3-methylphenol
 Concen: 8.194 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion:107 Resp: 80724
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.0 30.0
 142 79.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 9.592 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampled :

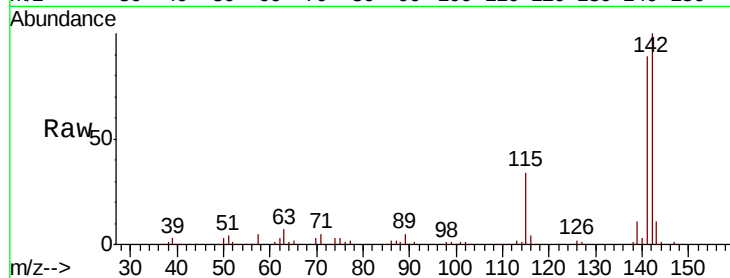
Tot Ion:142 Resp: 192068

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

115 33.6 28.7 43.1

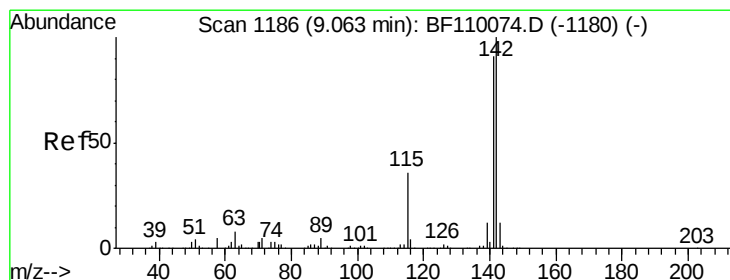
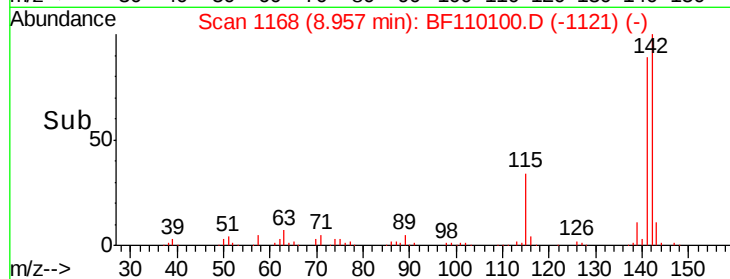
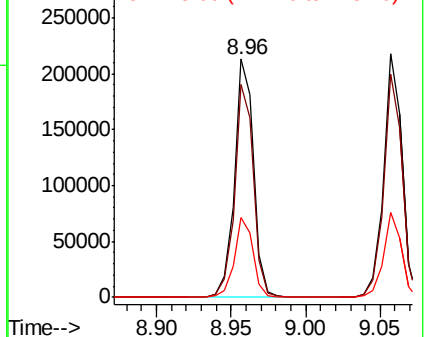


Abundance

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: 9.408 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

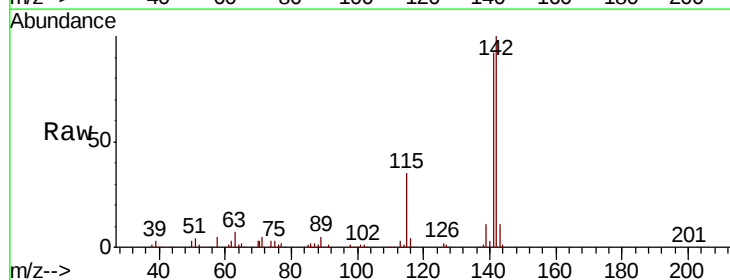
Tgt Ion:142 Resp: 182052

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4

116 3.9 2.6 4.0

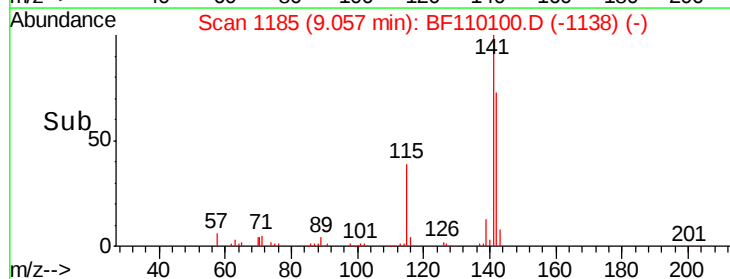
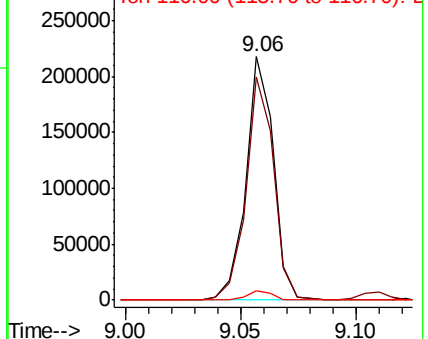


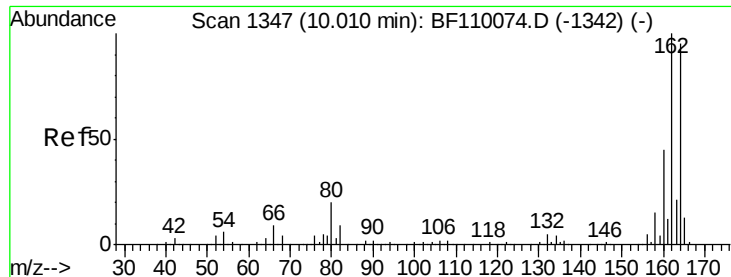
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampled :

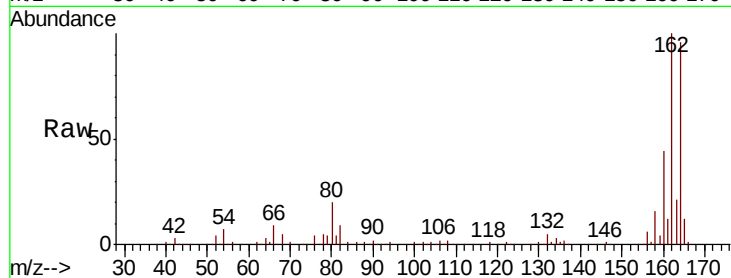
Tot Ion:164 Resp: 319624

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

160 46.0 37.0 55.6

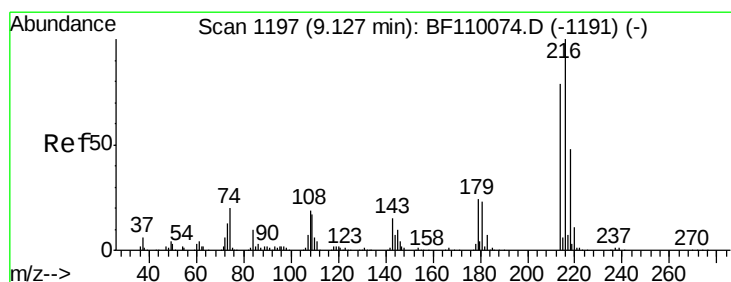
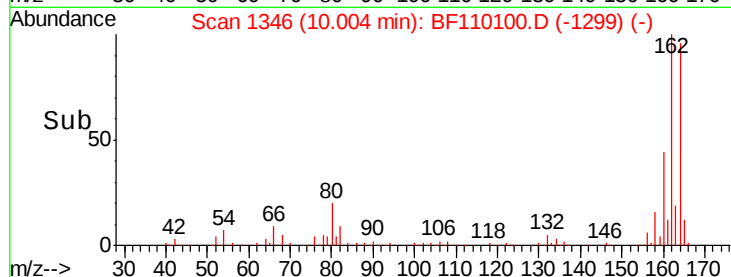
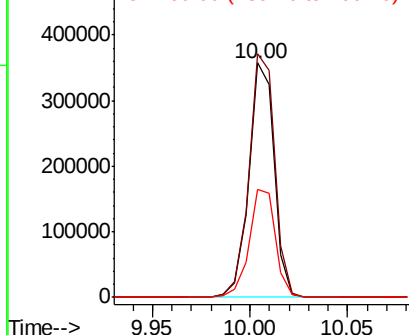


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.105 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Tgt Ion:216 Resp: 80716

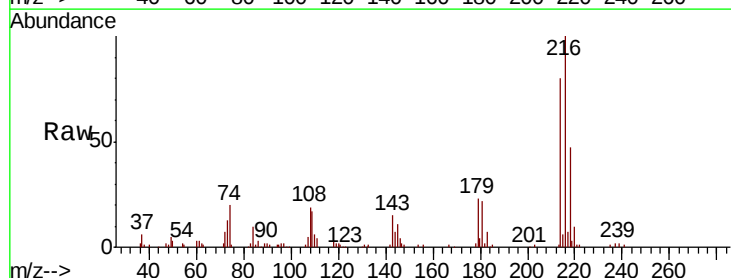
Ion Ratio Lower Upper

216 100

214 77.7 63.8 95.6

179 21.7 16.6 25.0

108 18.5 15.1 22.7



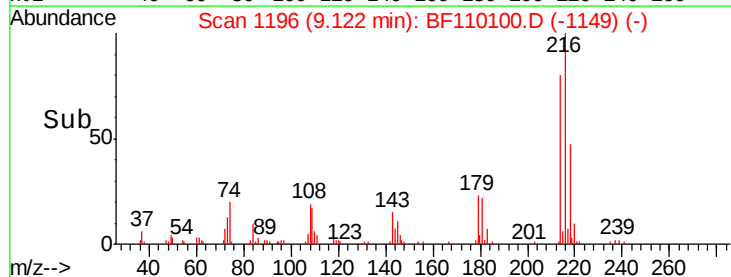
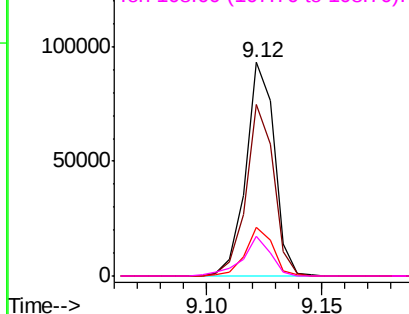
Abundance

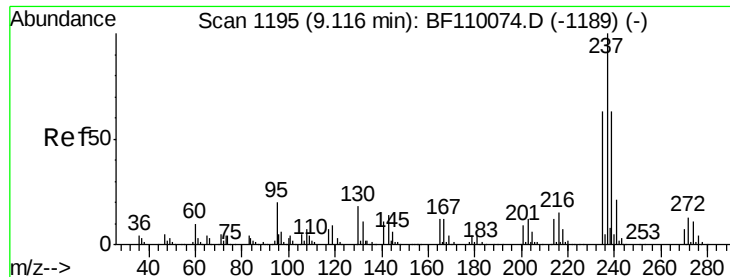
Ion 216.00 (215.70 to 216.70): E

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: 8.218 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

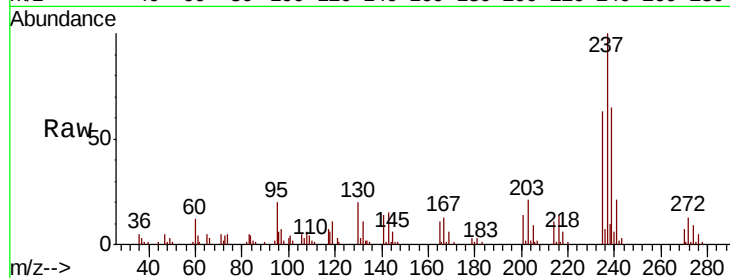
Tot Ion:237 Resp: 41848

Ion Ratio Lower Upper

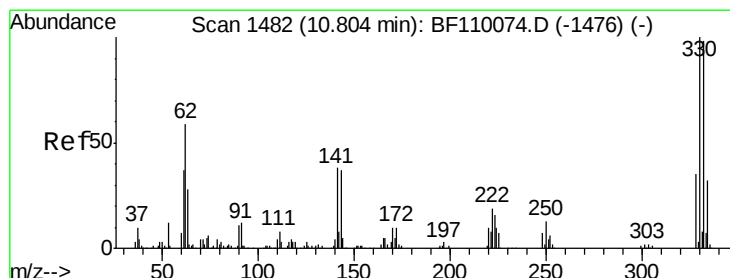
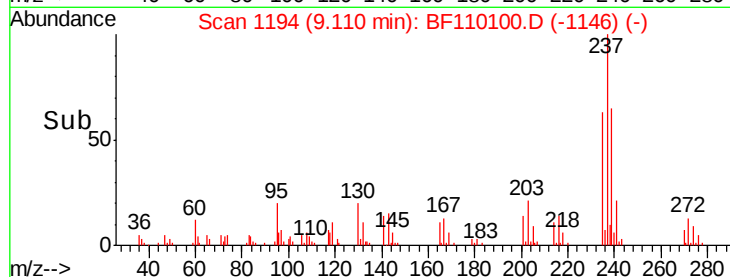
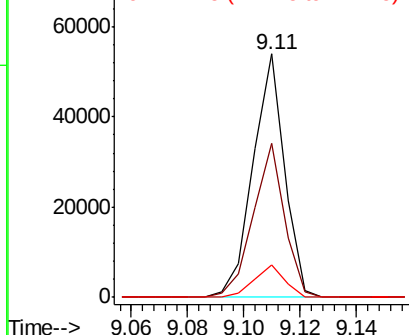
237 100

235 63.5 43.1 83.1

272 13.3 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 132.134 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

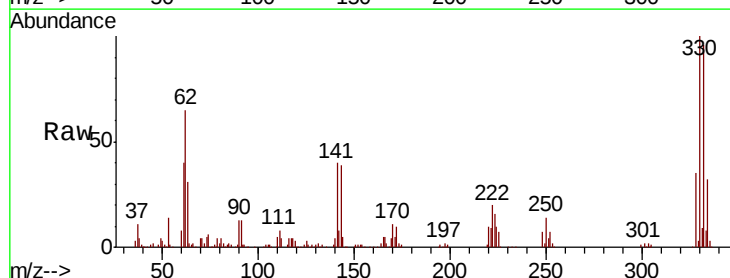
Tgt Ion:330 Resp: 418347

Ion Ratio Lower Upper

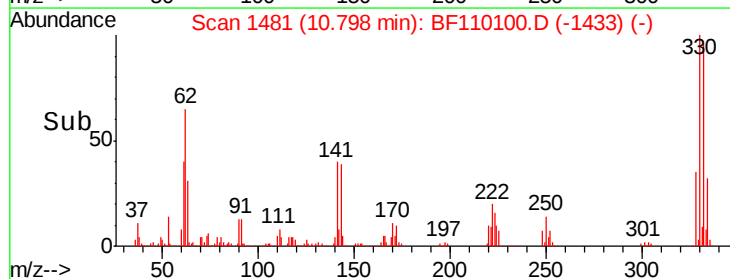
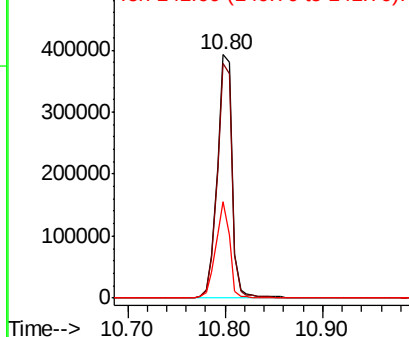
330 100

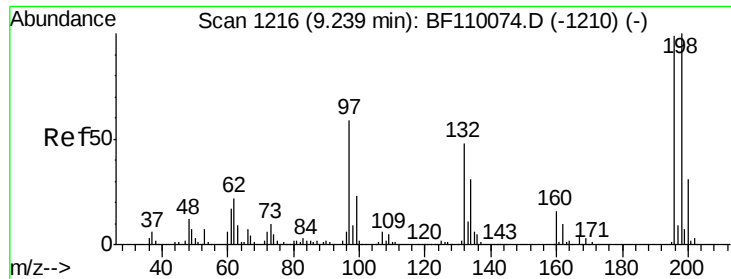
332 95.3 77.1 115.7

141 36.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

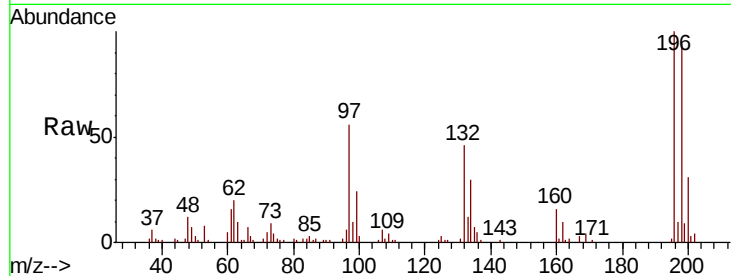




#43
 2,4,6-Trichlorophenol
 Concen: 7.730 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.2	114.4
200	30.7	24.4	36.6

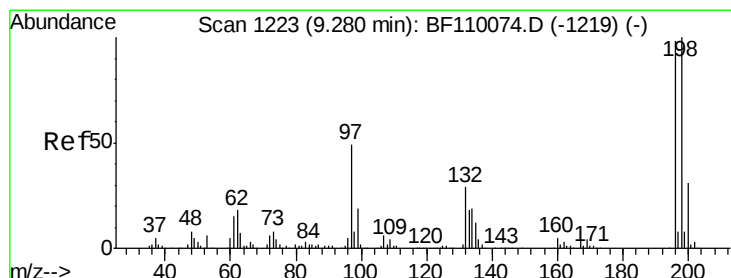
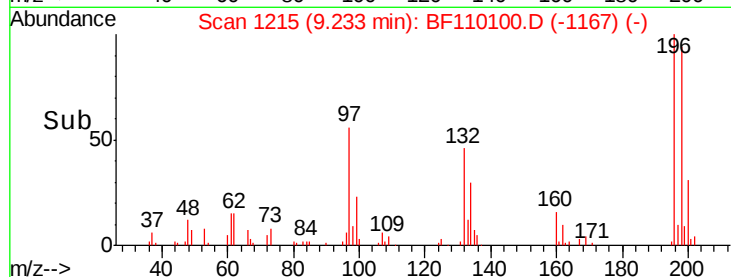
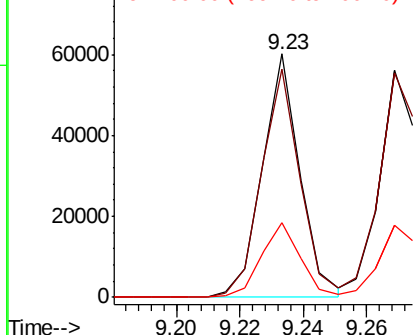


Abundance

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: 7.947 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	75.8	113.6
97	55.6	42.4	63.6
132	32.3	22.8	34.2

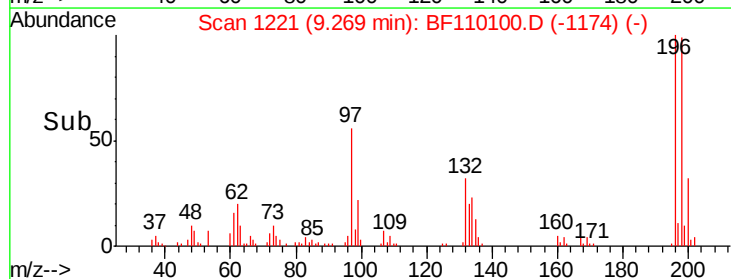
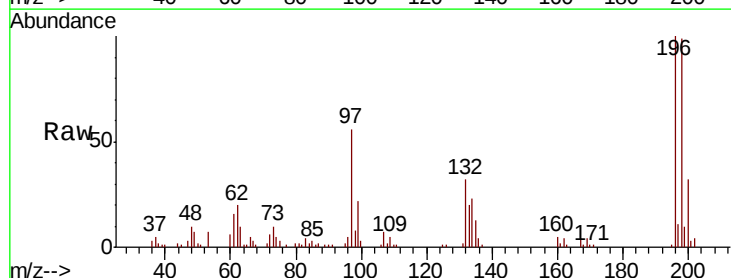
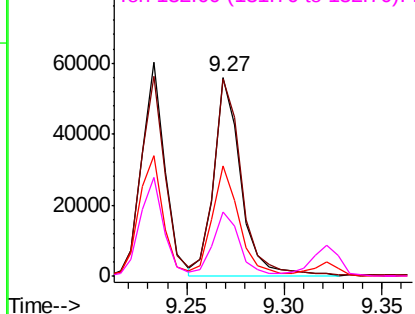
Abundance

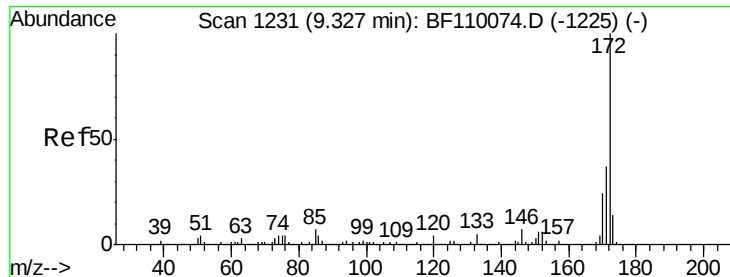
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

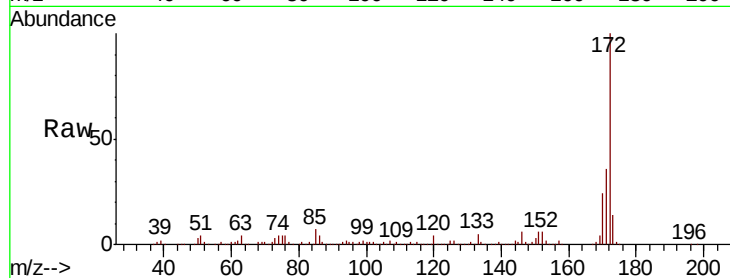




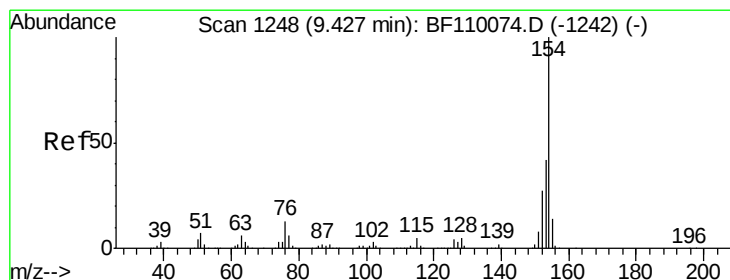
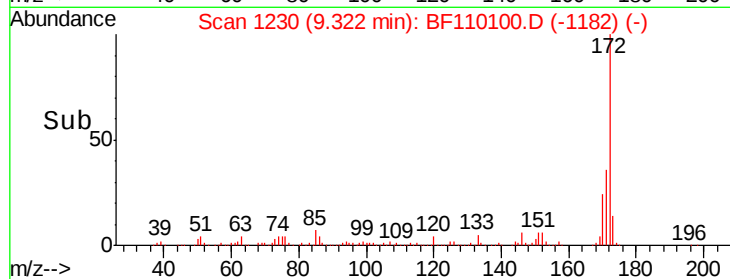
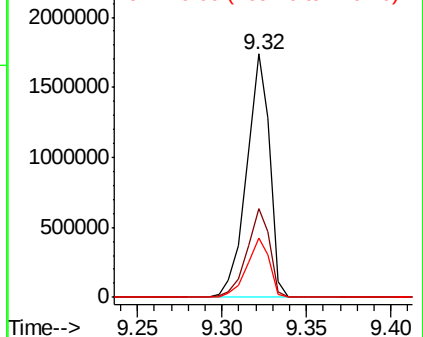
#45
2-Fluorobiphenyl
Concen: 81.386 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1656596
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.4 19.7 29.5

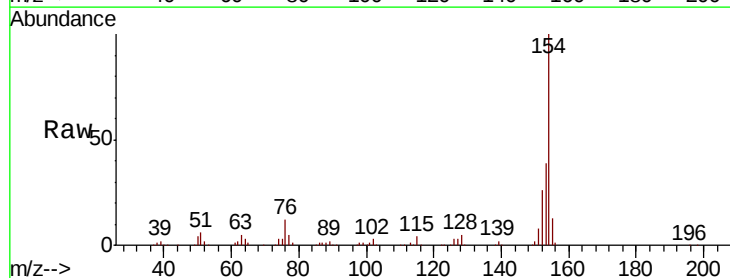


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

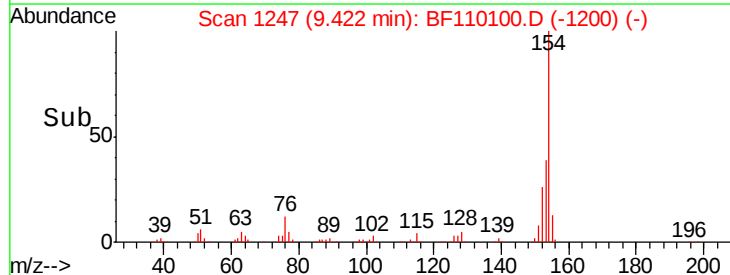
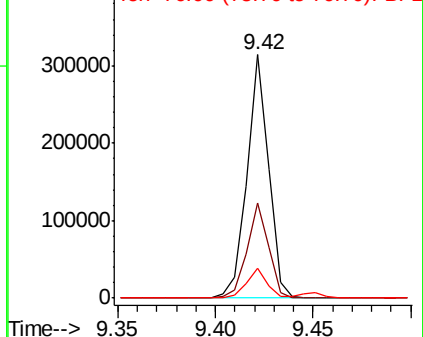


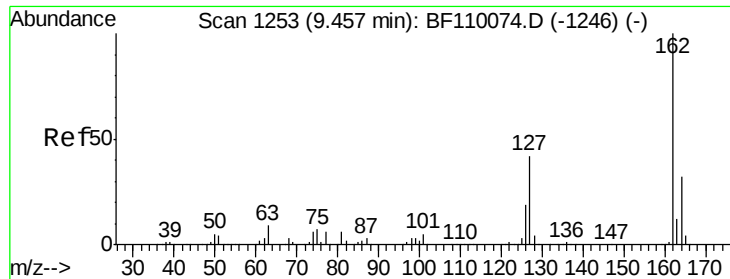
#46
1,1'-Biphenyl
Concen: 8.323 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:154 Resp: 240560
Ion Ratio Lower Upper
154 100
153 39.0 20.4 60.4
76 12.1 0.0 31.9



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

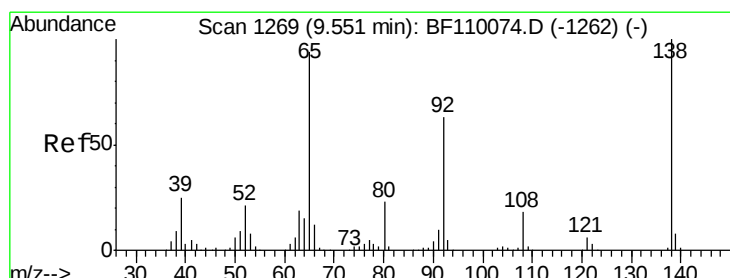
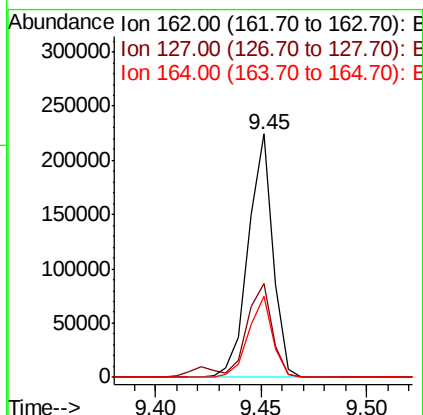
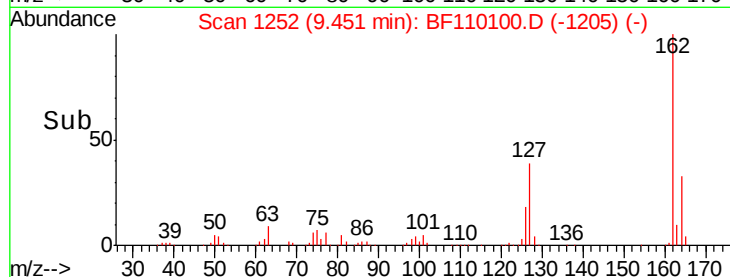
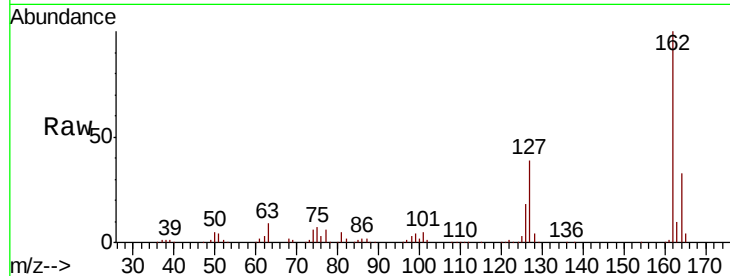




#47
 2-Chloronaphthalene
 Concen: 8.574 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

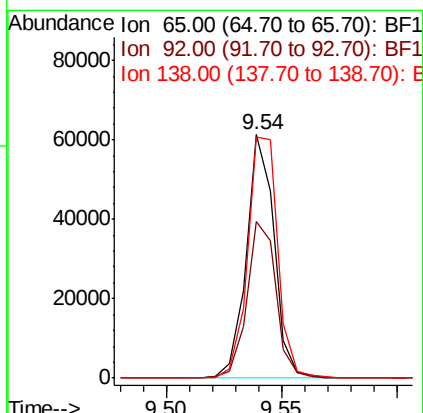
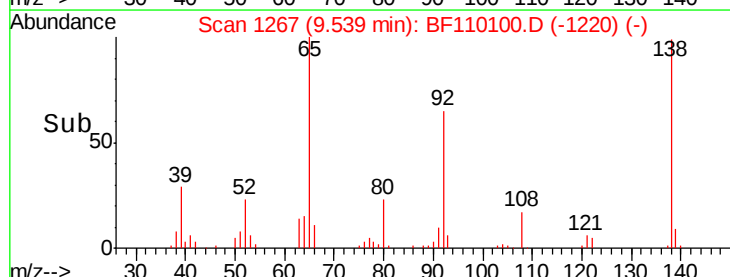
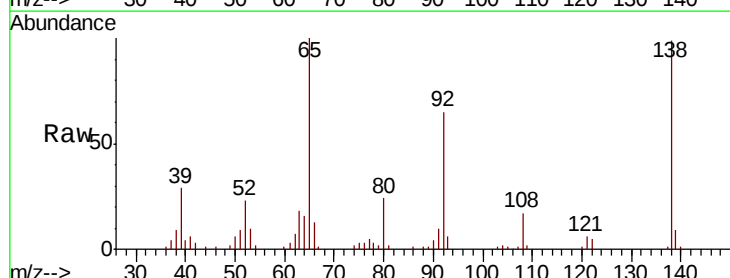
Instrument :
 BNA_F
 ClientSampleId :

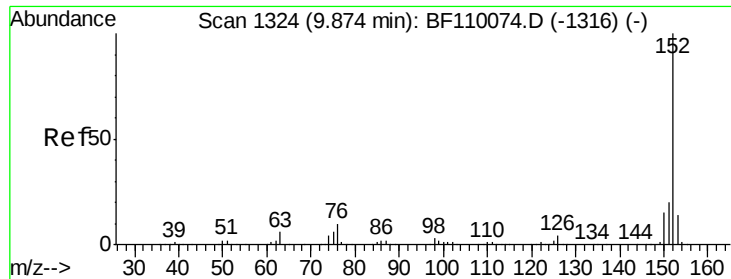
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.6	48.8
164	33.3	25.9	38.9



#48
 2-Nitroaniline
 Concen: 8.035 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	54.6	81.8
138	99.3	80.3	120.5





#49

Acenaphthylene

Concen: 9.176 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

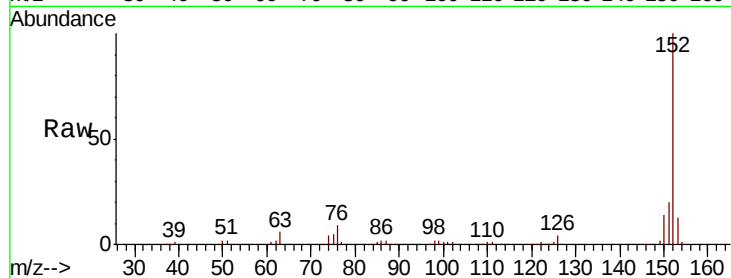
Tot Ion:152 Resp: 280992

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

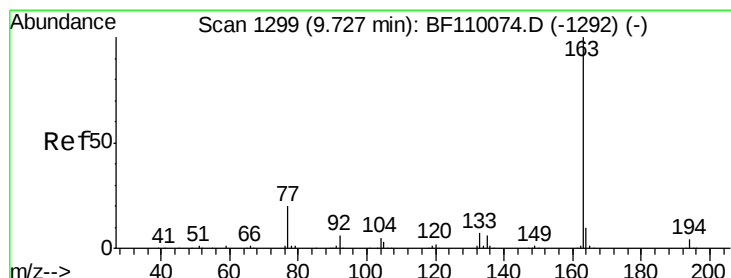
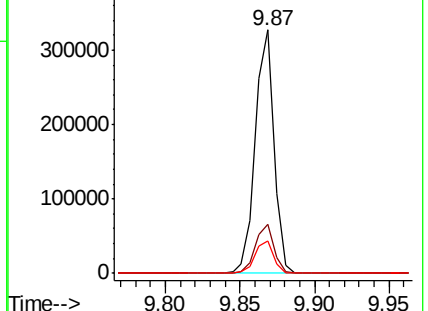
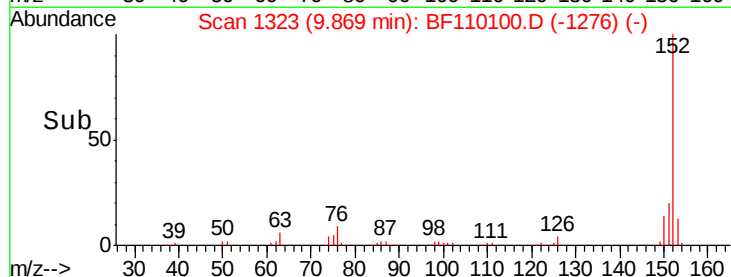
153 13.4 10.4 15.6



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: 8.632 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

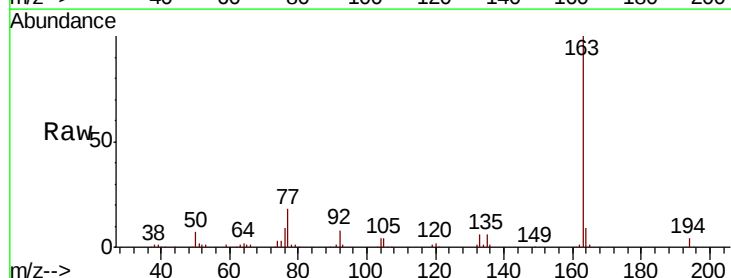
Tgt Ion:163 Resp: 203655

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

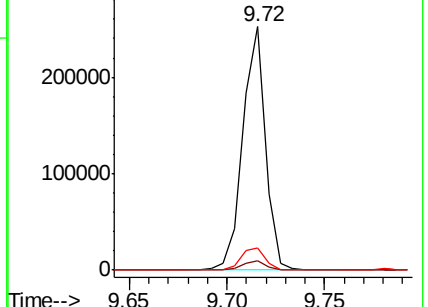
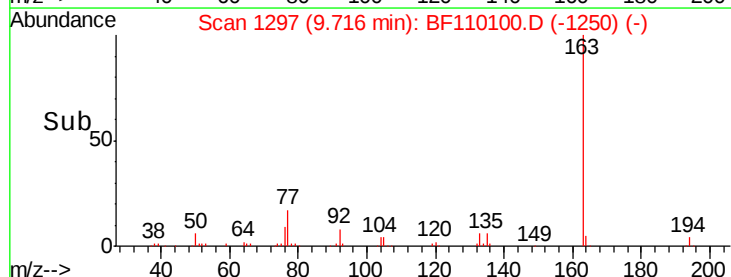
164 9.3 8.1 12.1

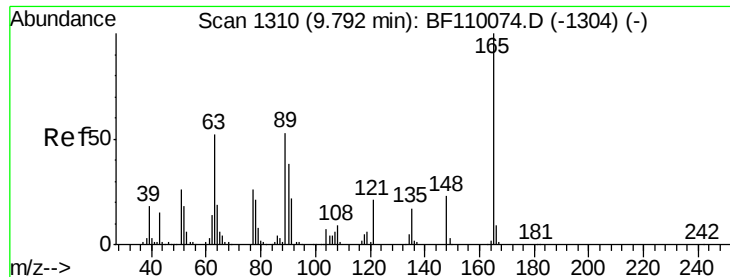


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

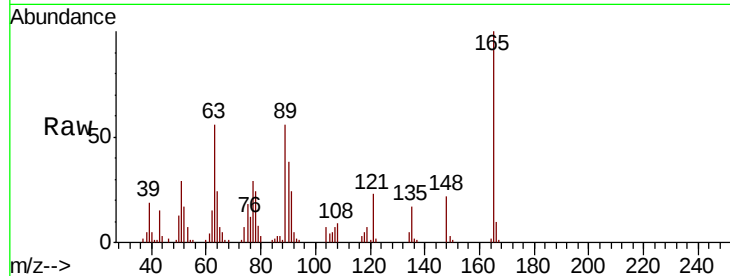




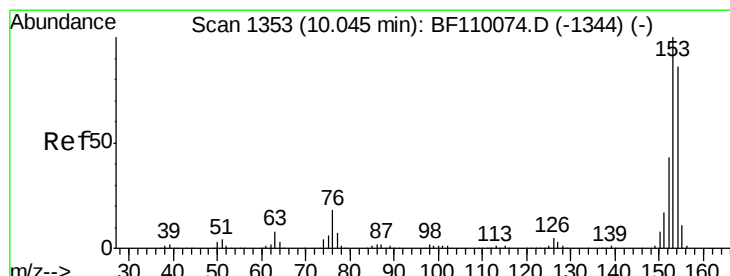
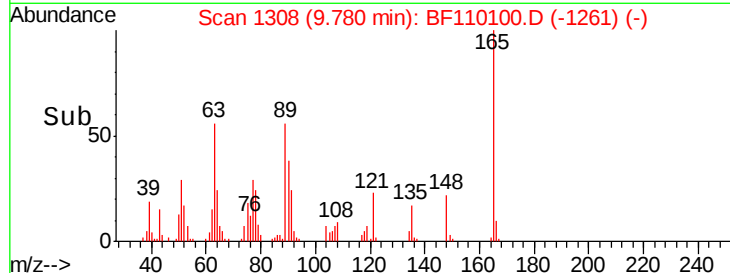
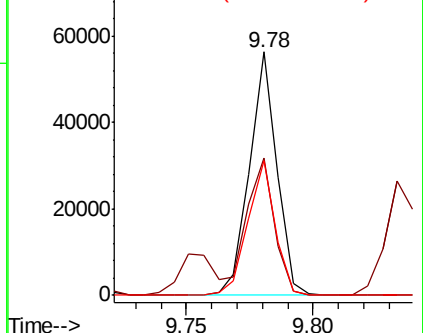
#51
2,6-Dinitrotoluene
Concen: 8.354 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 42459
Ion Ratio Lower Upper
165 100
63 56.5 48.9 73.3
89 55.5 46.6 69.8

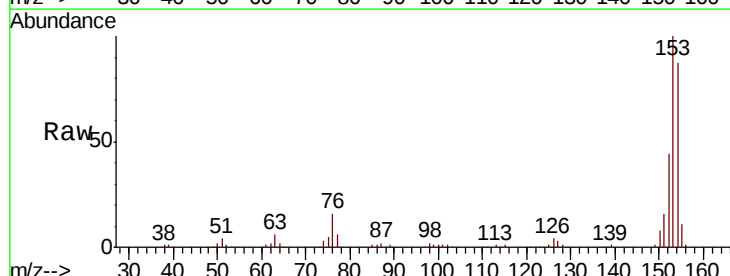


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

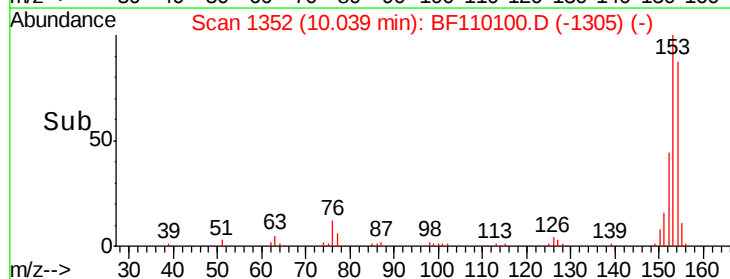
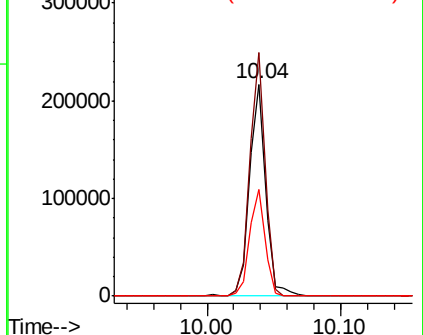


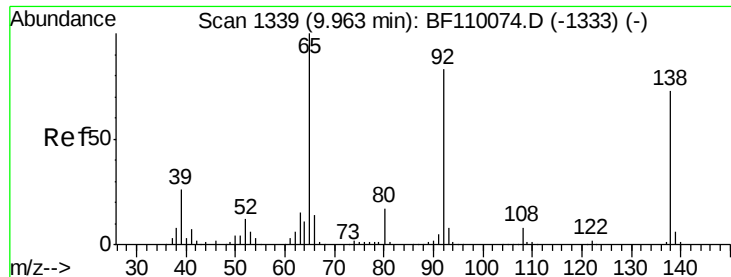
#52
Acenaphthene
Concen: 8.843 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:154 Resp: 179147
Ion Ratio Lower Upper
154 100
153 114.7 90.1 135.1
152 50.5 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

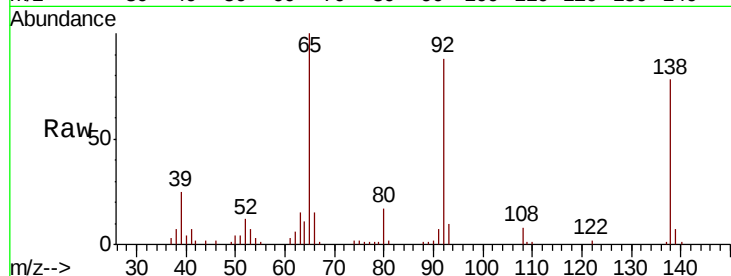




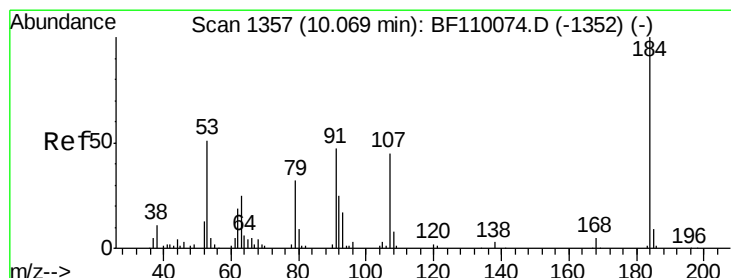
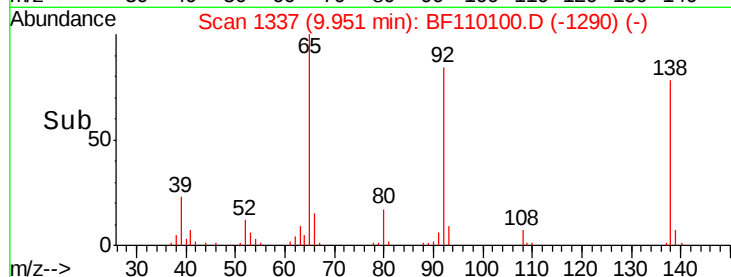
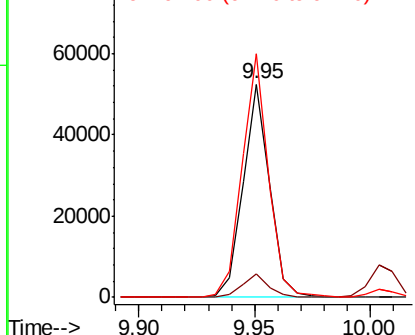
#53
3-Nitroaniline
Concen: 6.968 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 42112
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 114.1 97.0 145.4

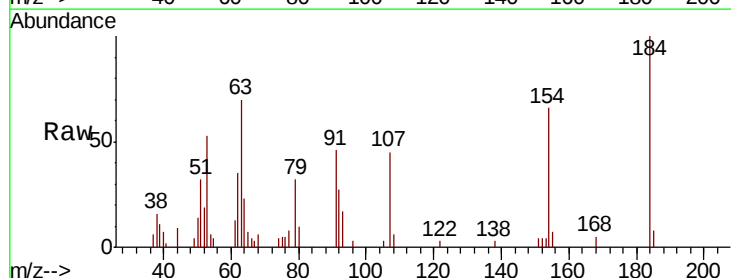


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

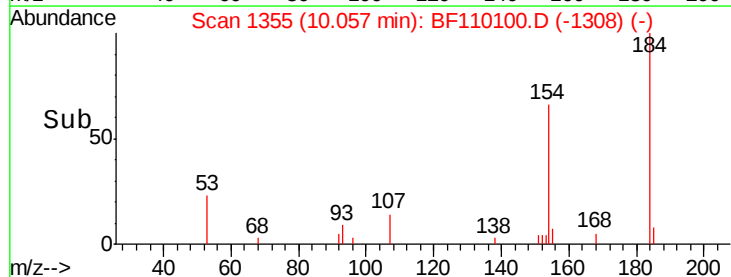
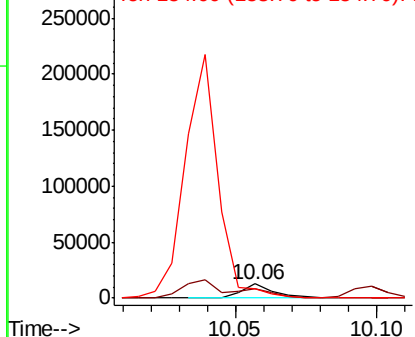


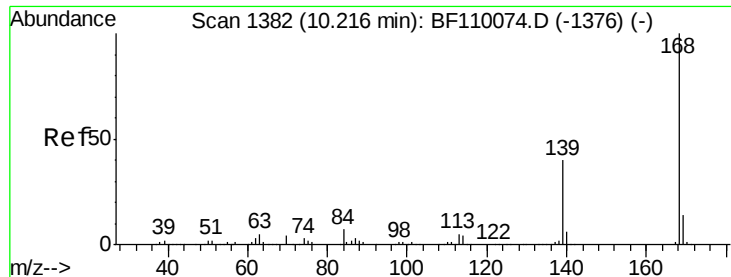
#54
2,4-Dinitrophenol
Concen: 9.769 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:184 Resp: 9908
Ion Ratio Lower Upper
184 100
63 69.6 55.8 83.6
154 65.8 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

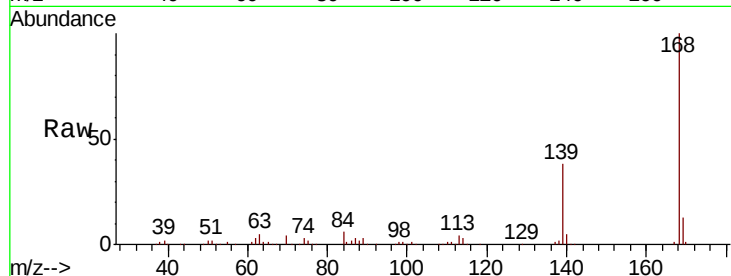




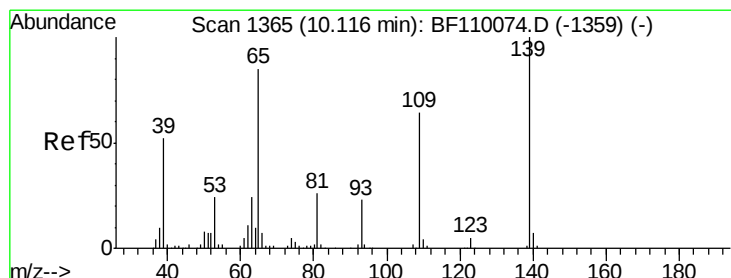
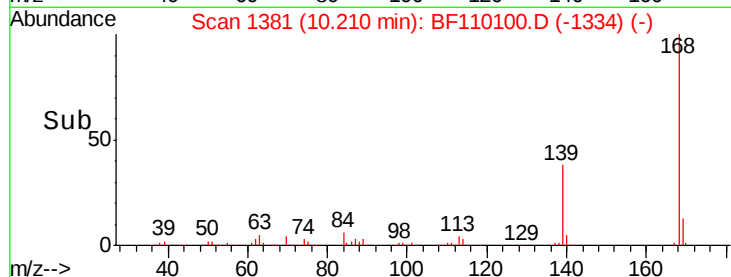
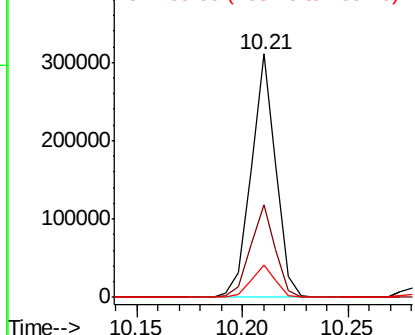
#55
Dibenzenofuran
Concen: 8.843 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 250820
Ion Ratio Lower Upper
168 100
139 38.0 33.0 49.6
169 13.2 11.3 16.9

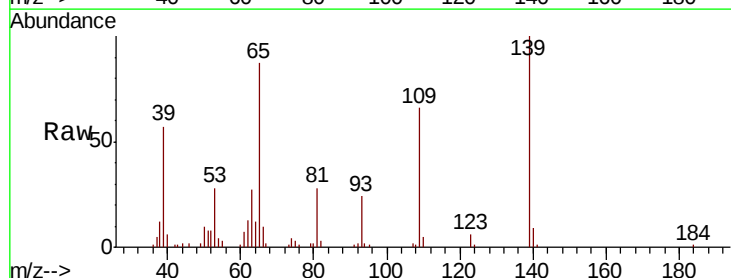


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

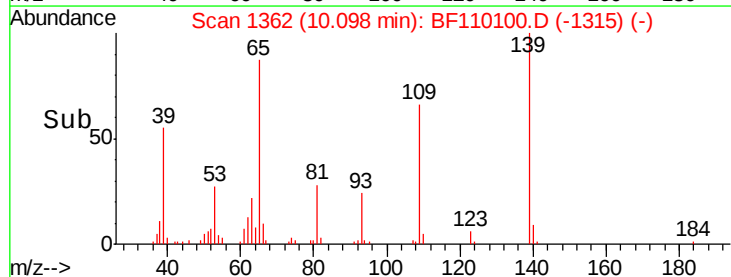
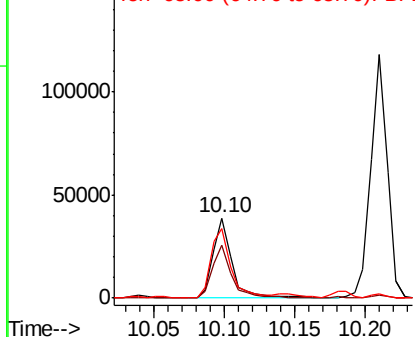


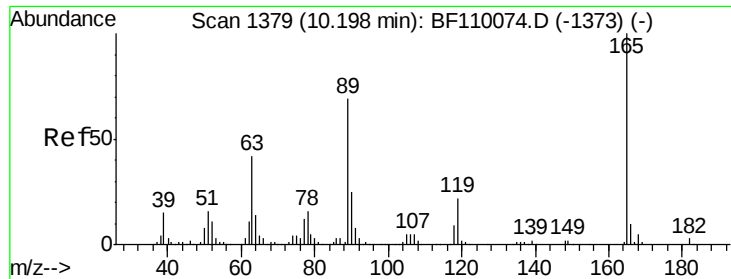
#56
4-Nitrophenol
Concen: 8.249 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:139 Resp: 36900
Ion Ratio Lower Upper
139 100
109 66.1 55.8 95.8
65 87.0 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

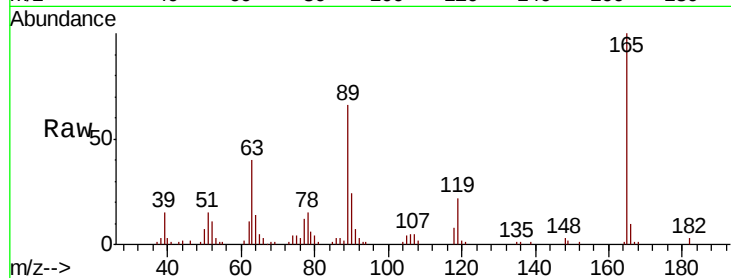




#57
2,4-Dinitrotoluene
Concen: 8.582 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	44.8	67.2#
89	66.0	62.2	93.4
182	2.7	2.1	3.1



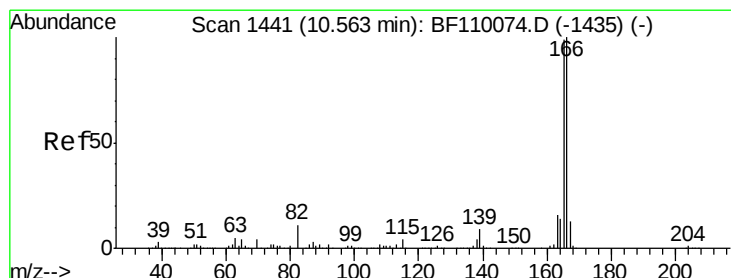
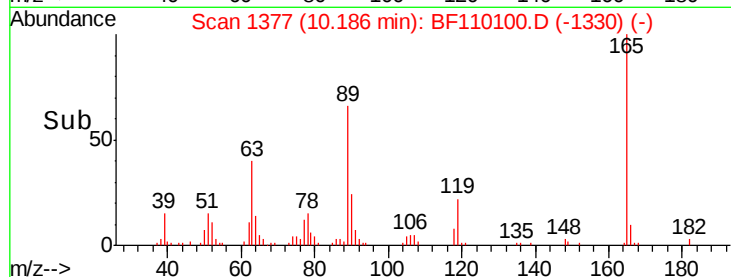
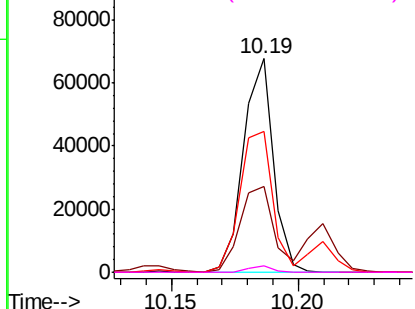
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

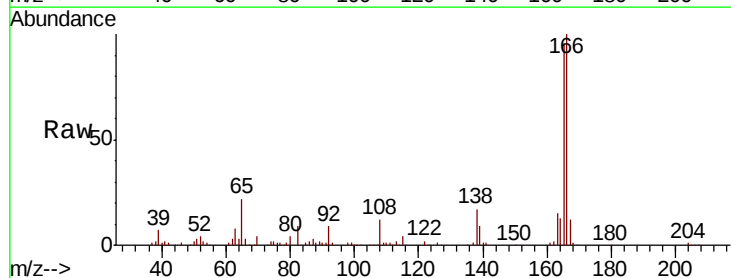
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 9.679 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.6	117.8
167	12.2	10.8	16.2

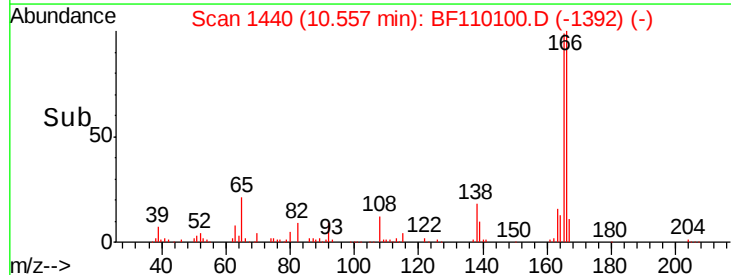
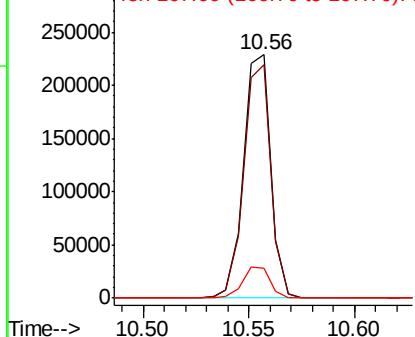


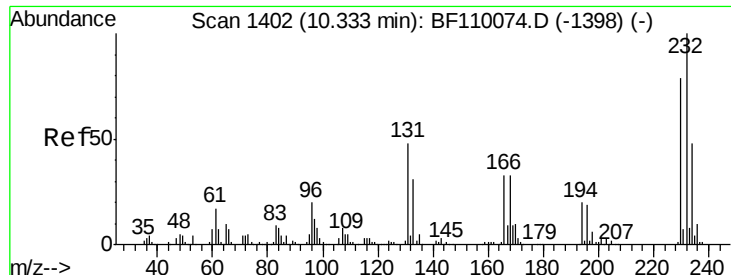
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

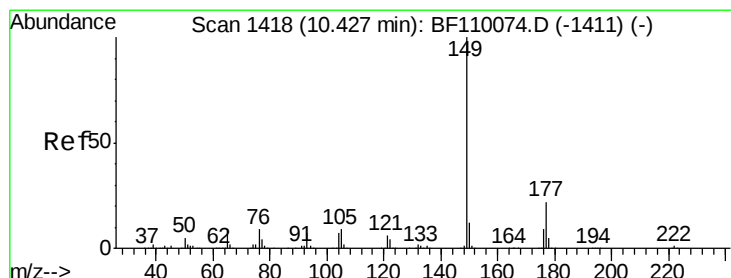
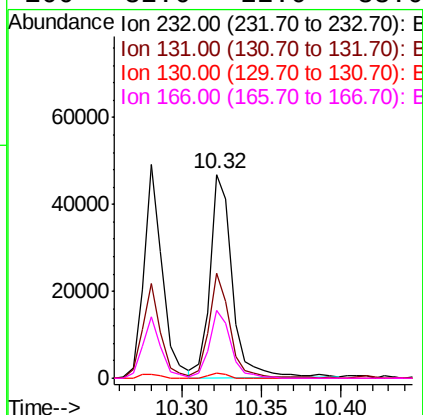
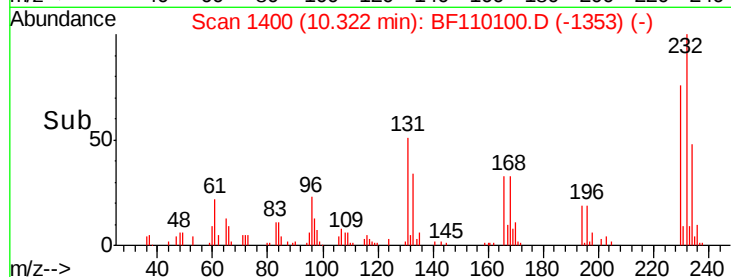
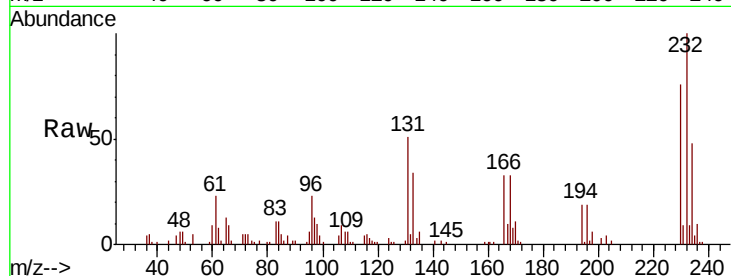




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.216 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

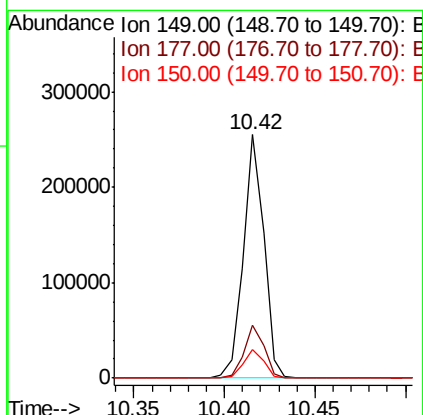
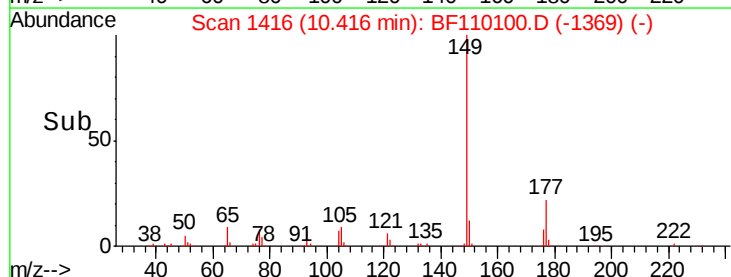
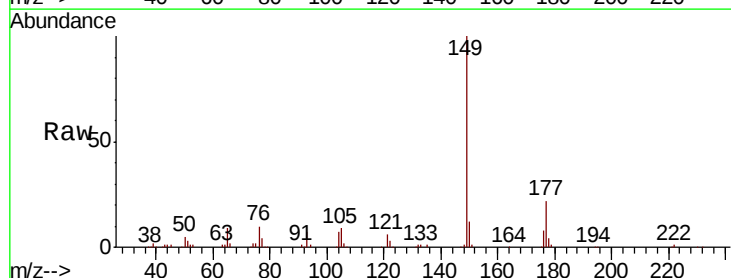
Instrument :
 BNA_F
 ClientSampleId :

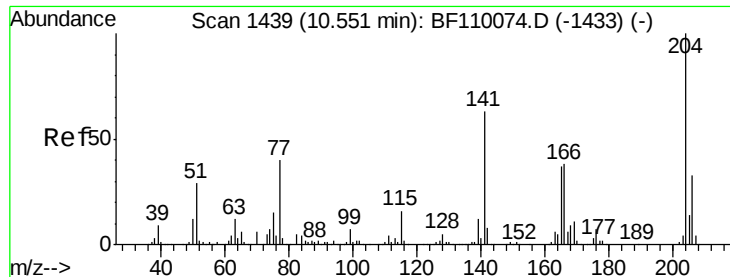
Tot Ion:232 Resp: 45468
 Ion Ratio Lower Upper
 232 100
 131 50.2 37.0 55.4
 130 1.9 1.8 2.6
 166 32.6 22.0 33.0



#60
 Diethylphthalate
 Concen: 8.686 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 200043
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.4 26.2
 150 11.6 9.8 14.8

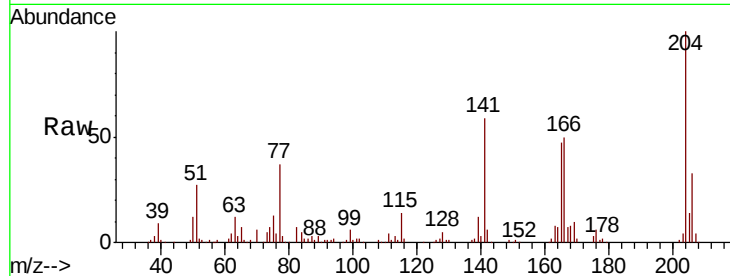




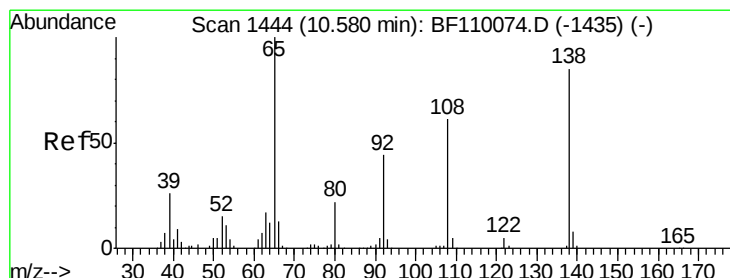
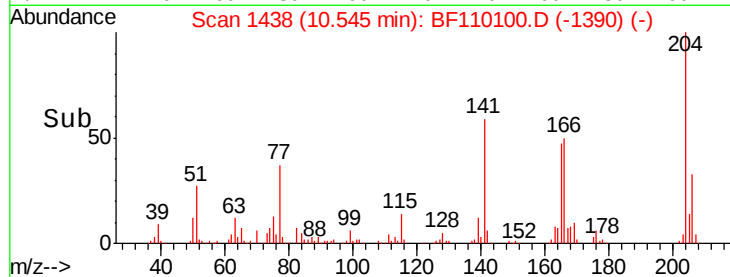
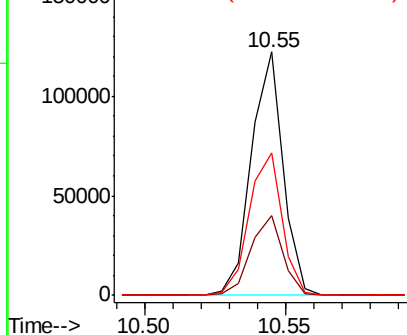
#61
4-Chlorophenyl-phenylether
Concen: 8.542 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 95123
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 58.7 51.8 77.8

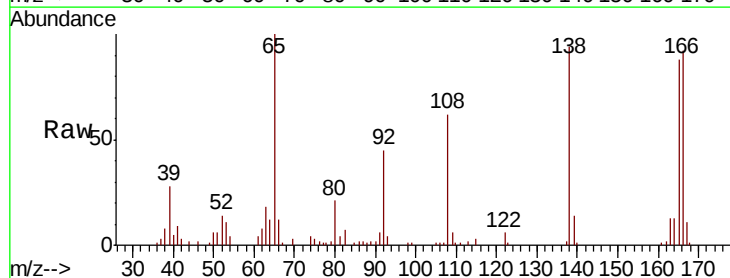


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

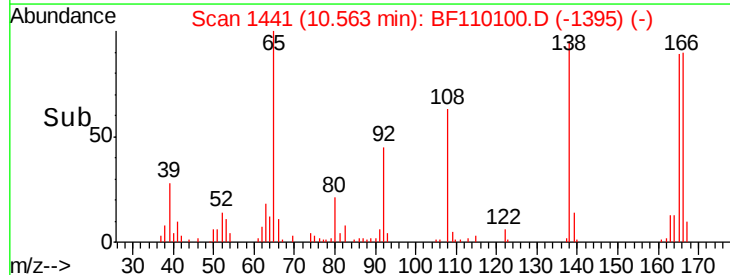
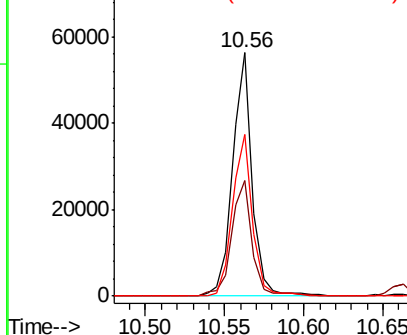


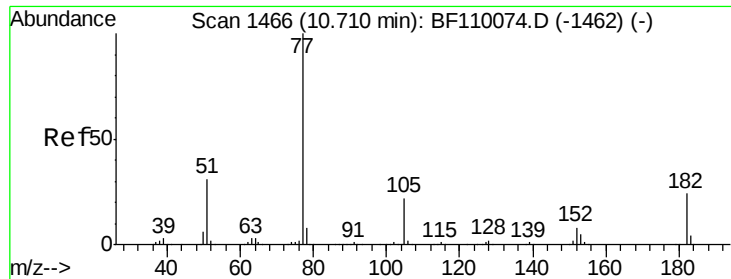
#62
4-Nitroaniline
Concen: 7.982 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:138 Resp: 47981
Ion Ratio Lower Upper
138 100
92 47.6 31.7 71.7
108 66.6 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: 8.829 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 201831

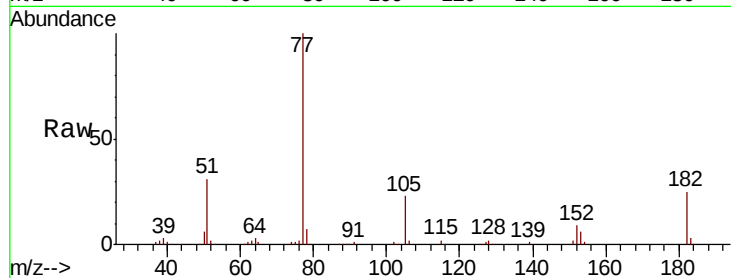
Ion Ratio Lower Upper

77 100

182 25.0 4.3 44.3

105 22.8 1.3 41.3

51 30.8 9.0 49.0

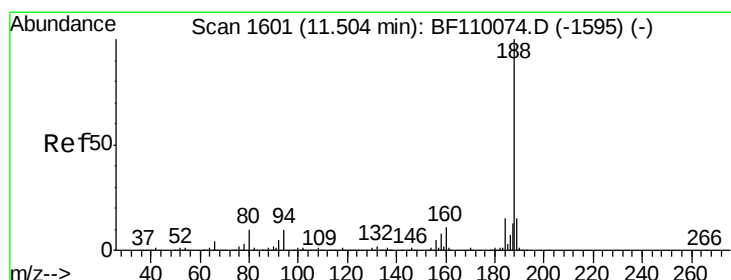
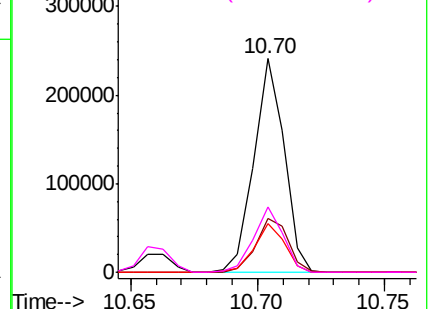
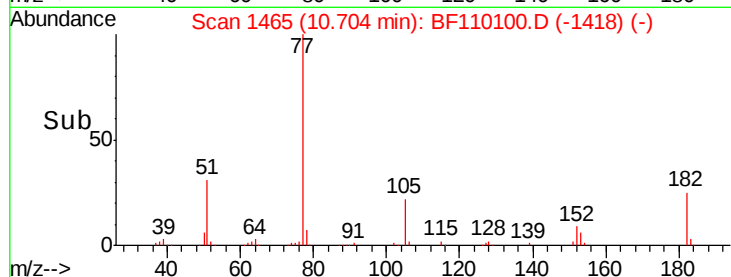


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF110100.D

Acq: 24 Oct 2018 1:38

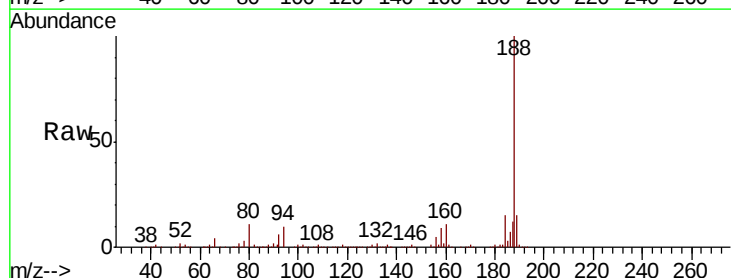
Tgt Ion: 188 Resp: 615762

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

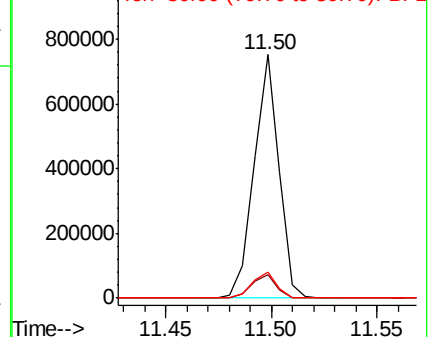
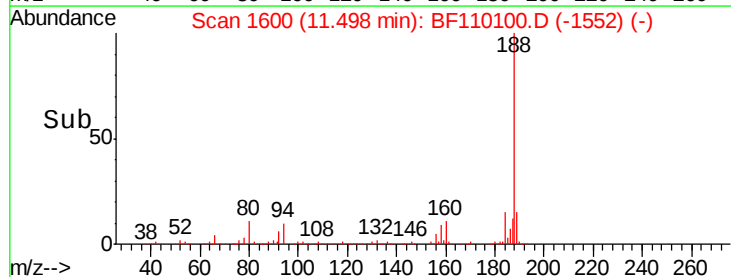
80 10.6 7.9 11.9

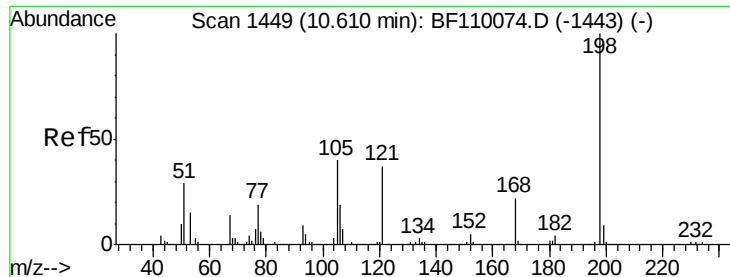


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

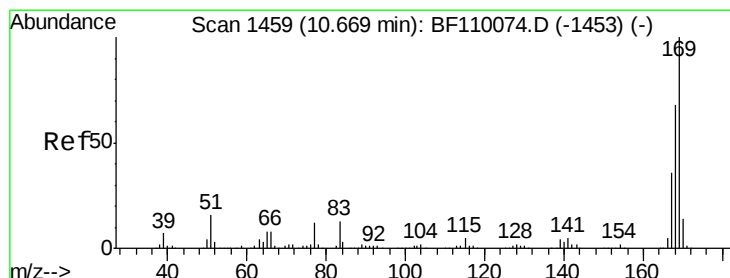
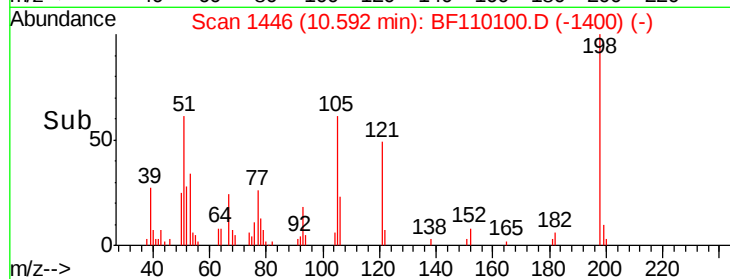
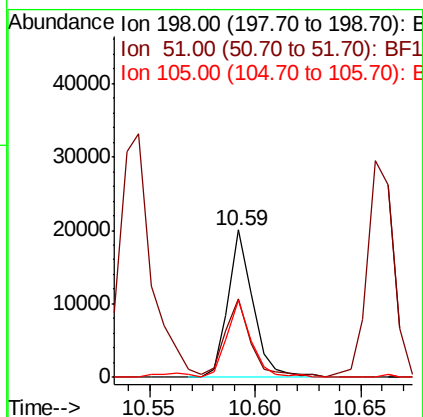
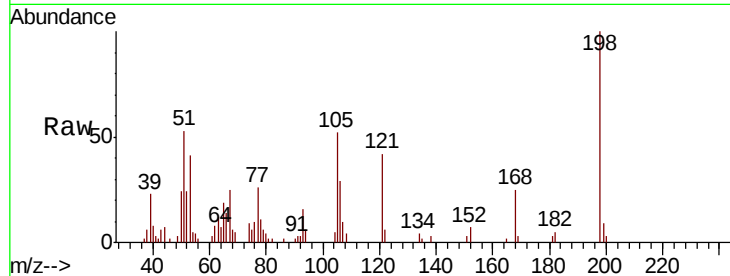




#65
4,6-Dinitro-2-methylphenol
Concen: 5.861 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.03 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

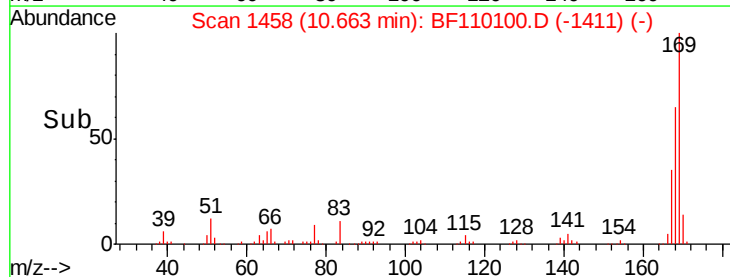
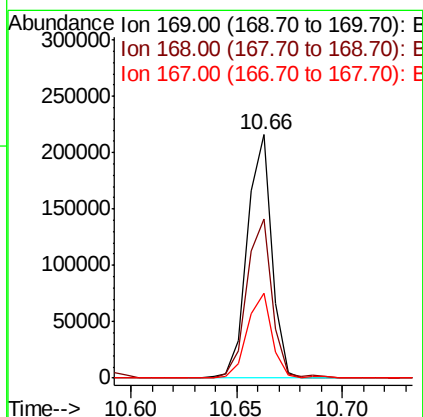
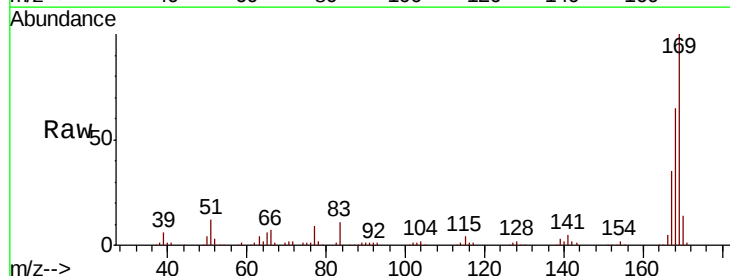
Instrument :
BNA_F
ClientSampled :

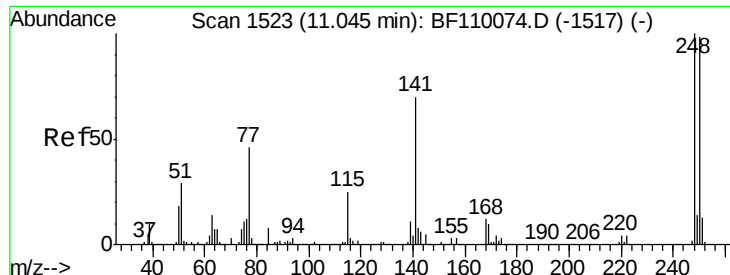
Tot Ion:198 Resp: 16488
Ion Ratio Lower Upper
198 100
51 53.0 22.8 62.8
105 52.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 8.617 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:169 Resp: 174032
Ion Ratio Lower Upper
169 100
168 65.3 51.2 76.8
167 35.1 27.8 41.6

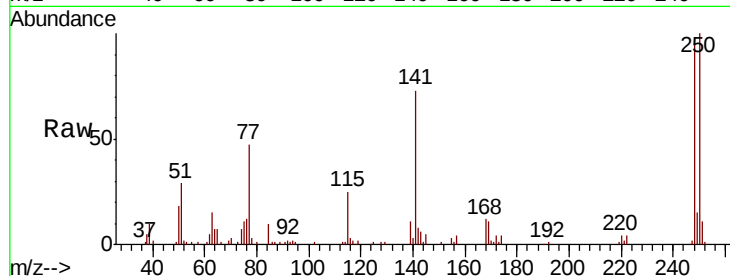




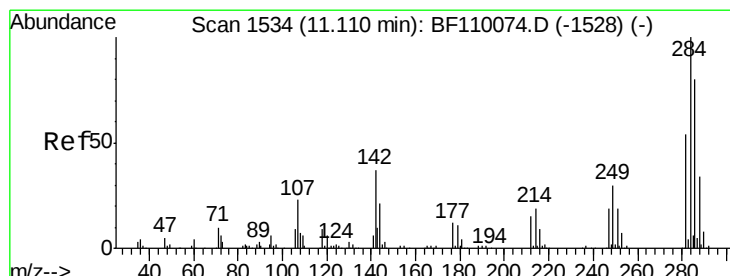
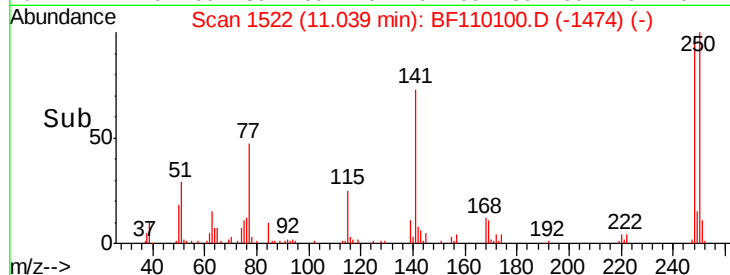
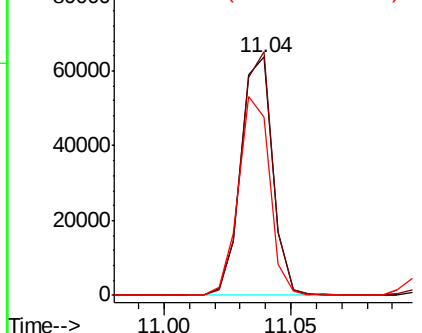
#67
 4-Bromophenyl-phenylether
 Concen: 8.349 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 55763
 Ion Ratio Lower Upper
 248 100
 250 102.3 79.4 119.2
 141 75.2 55.9 83.9

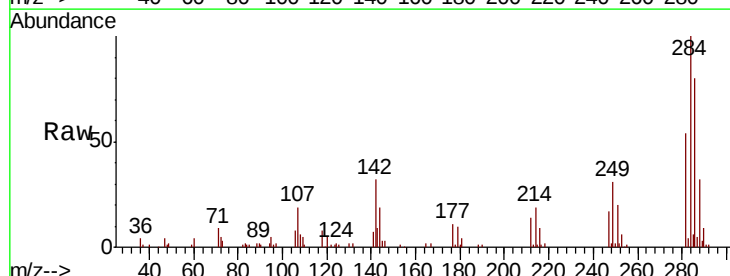


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

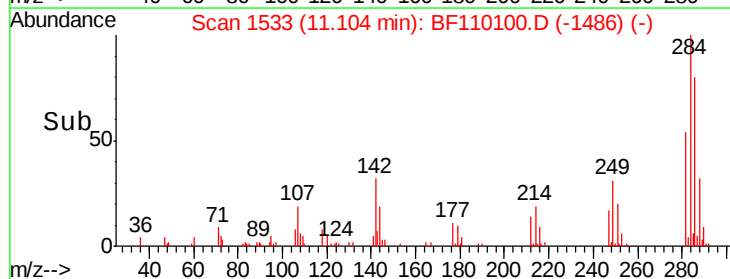
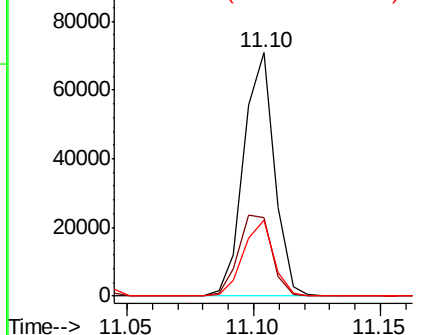


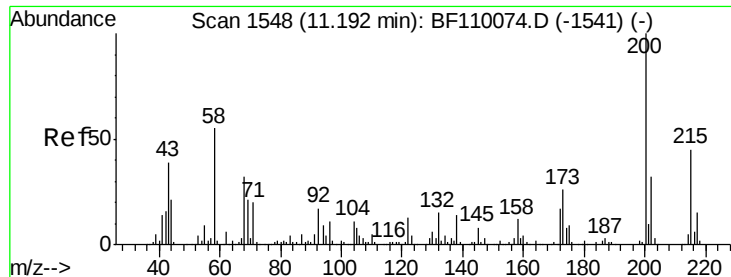
#68
 Hexachlorobenzene
 Concen: 8.451 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion:284 Resp: 59889
 Ion Ratio Lower Upper
 284 100
 142 32.3 23.9 35.9
 249 31.1 24.2 36.2



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

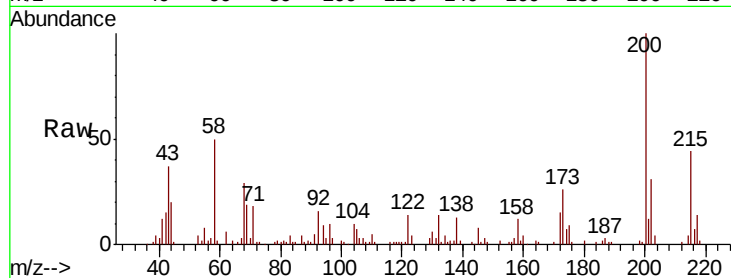




#69
Atrazine
Concen: 8.576 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	43.6	26.3	66.3

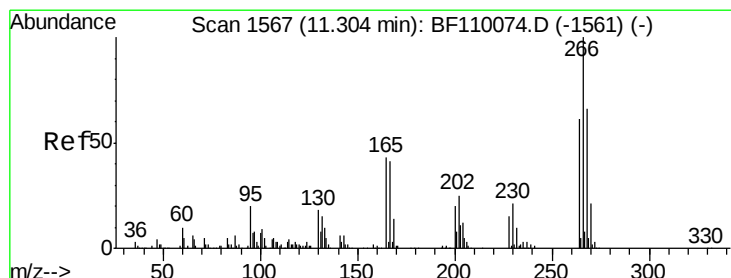
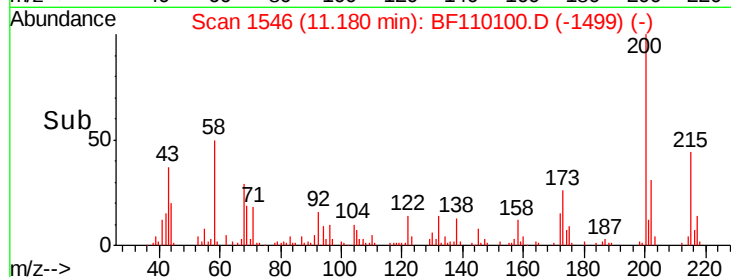
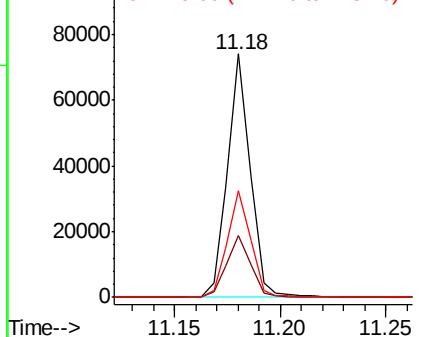


Abundance

Ion 200.00 (199.70 to 200.70): E

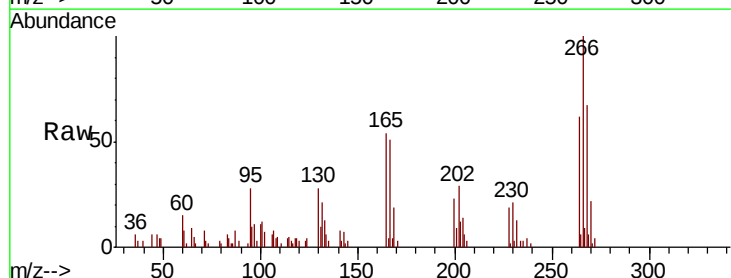
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 5.591 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	50.6	75.8
264	62.2	50.6	75.8

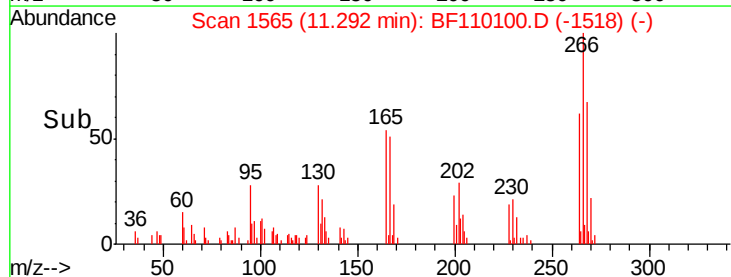
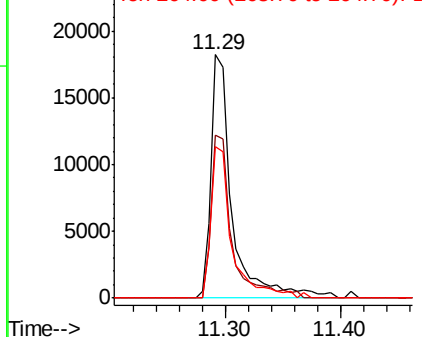


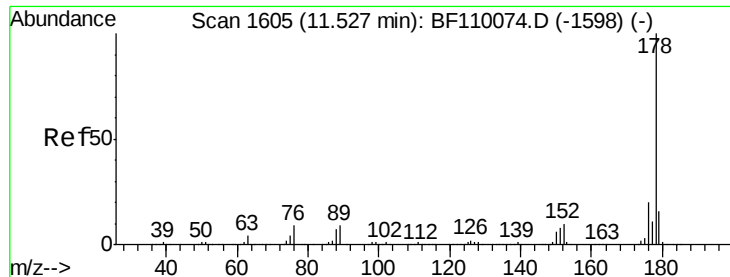
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 9.471 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

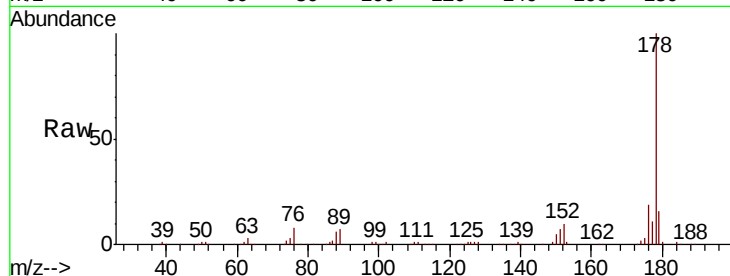
Tot Ion:178 Resp: 305143

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

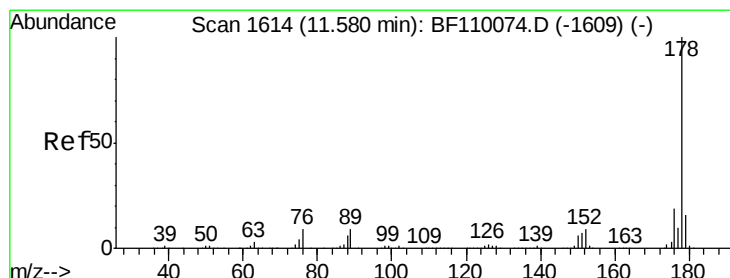
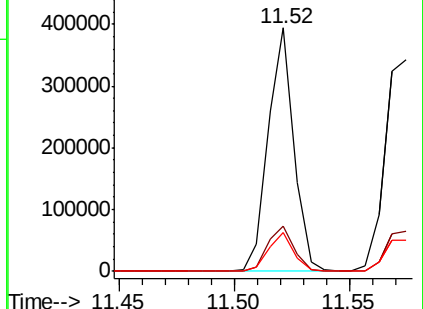
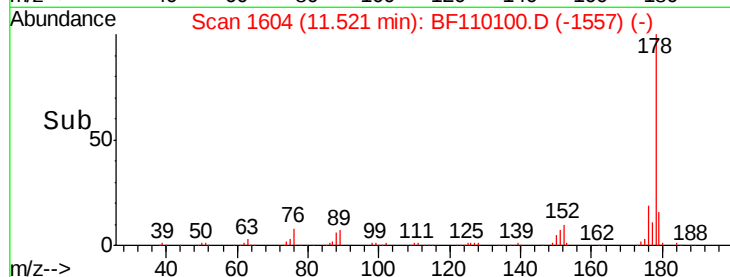
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.750 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

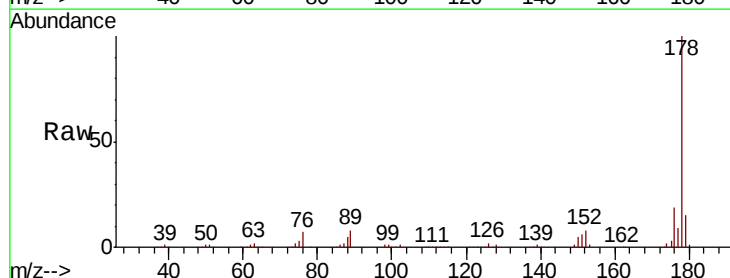
Tgt Ion:178 Resp: 314882

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

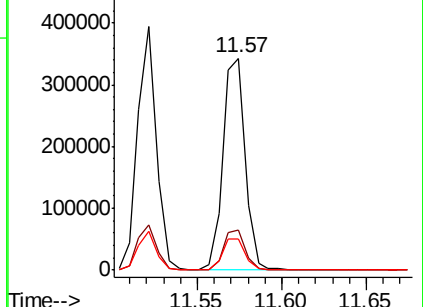
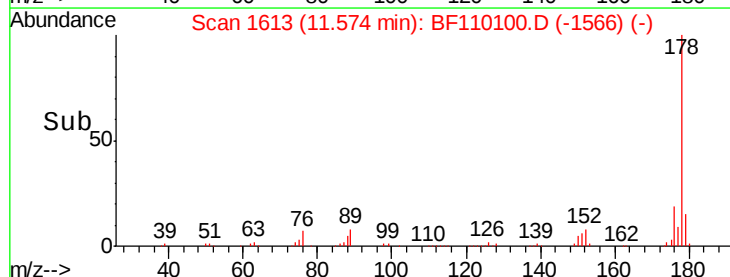
179 15.0 12.6 18.8

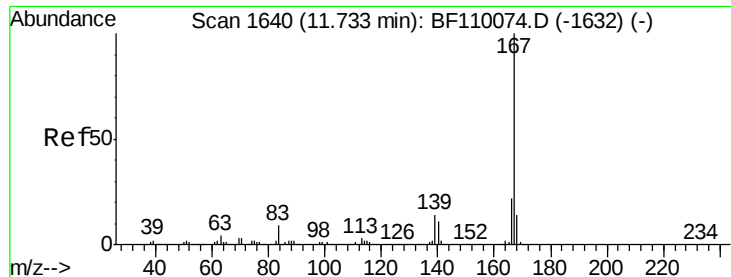


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

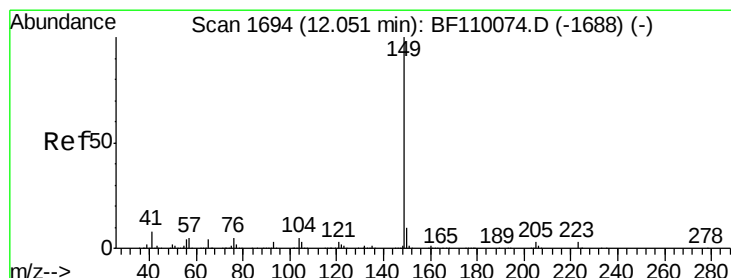
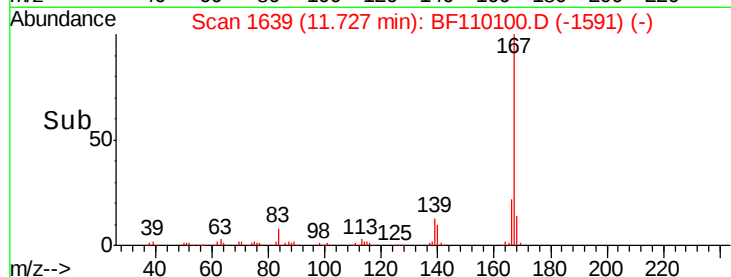
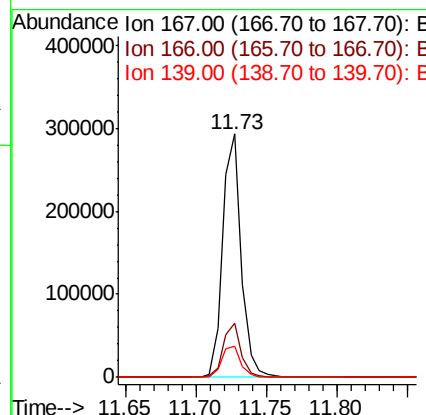
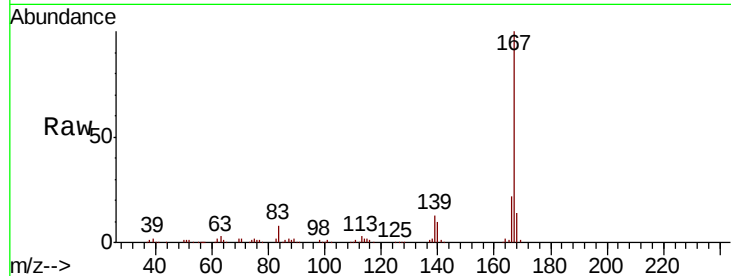




#73
 Carbazole
 Concen: 8.469 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

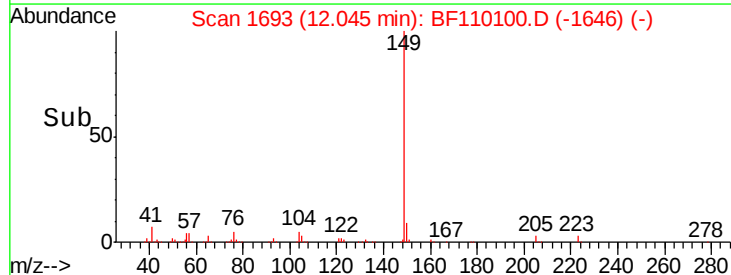
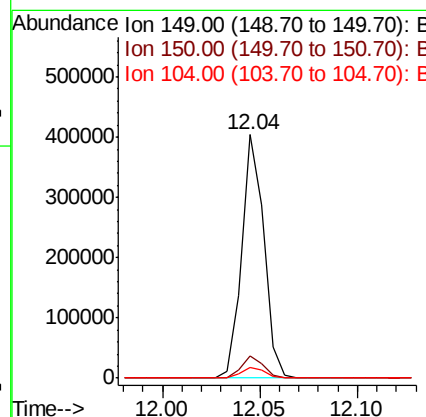
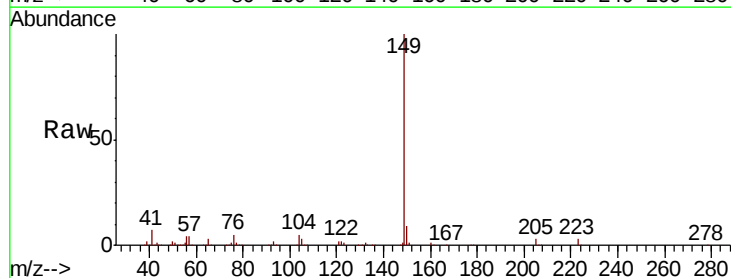
Instrument :
 BNA_F
 ClientSampleId :

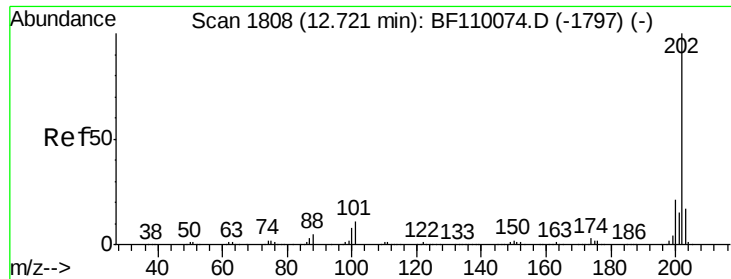
Tot Ion:167 Resp: 267040
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 8.923 ng
 RT: 12.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

Tgt Ion:149 Resp: 317781
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.6 4.2 6.4

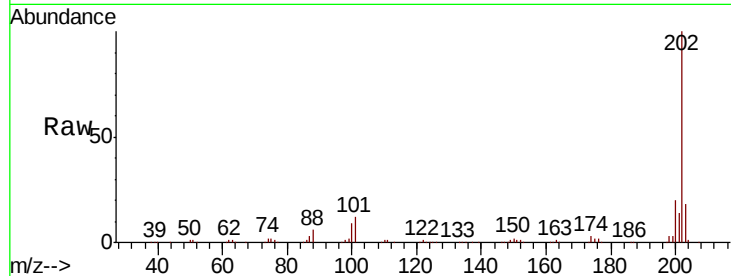




#75
Fluoranthene
Concen: 9.521 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	17.7	0.0	37.7

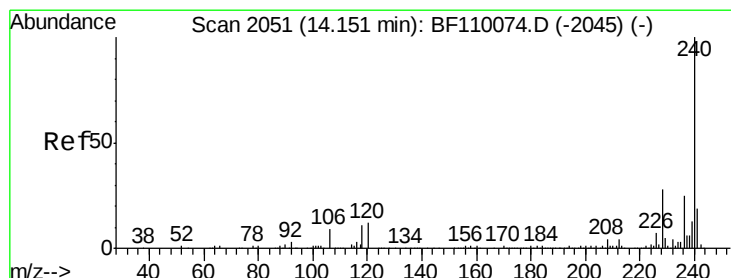
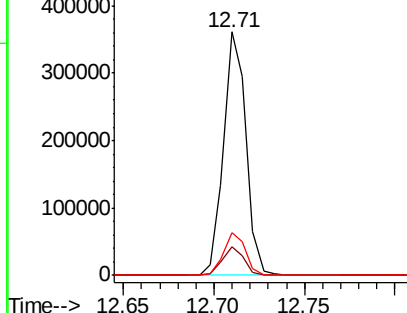
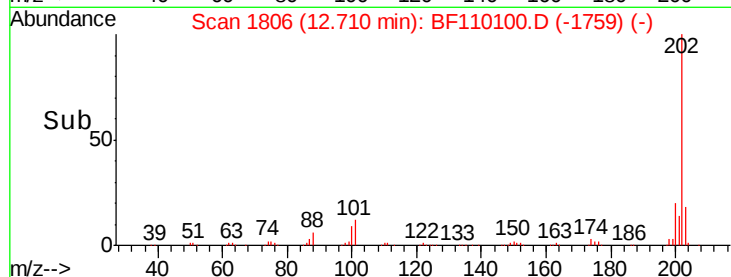


Abundance

Ion 202.00 (201.70 to 202.70): E

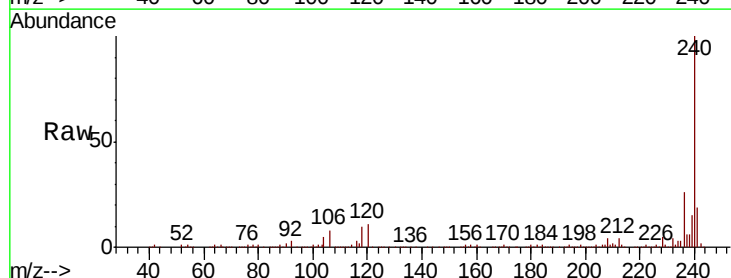
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.8	21.2	31.8

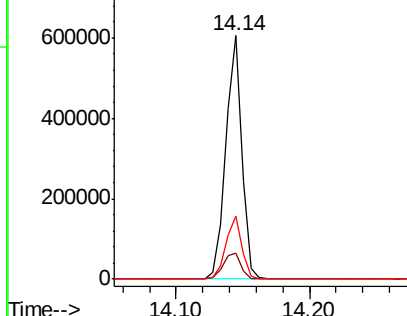
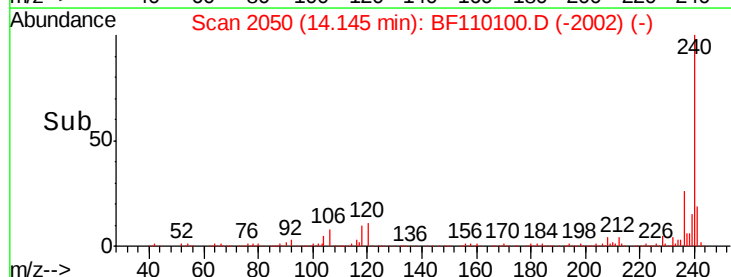


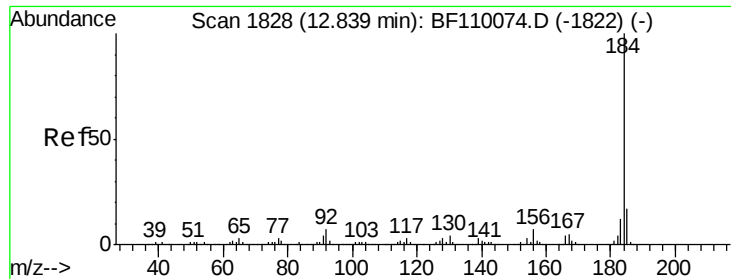
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.497 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampled :

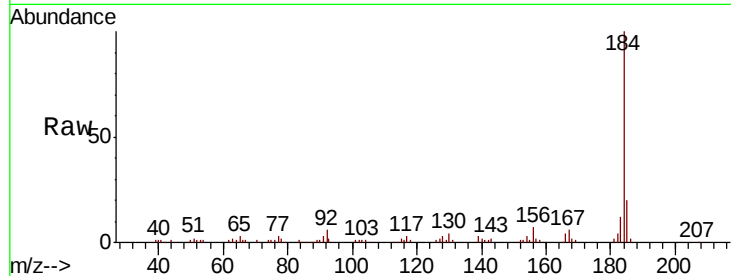
Tot Ion:184 Resp: 95017

Ion Ratio Lower Upper

184 100

185 20.1 13.4 20.2

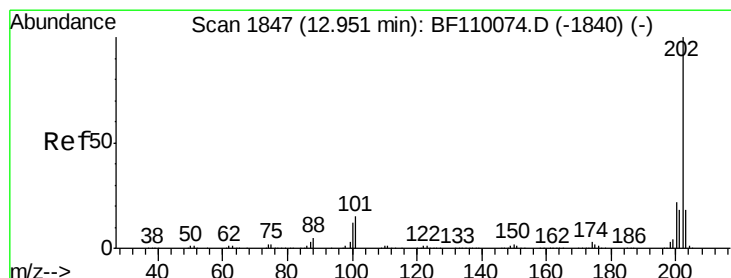
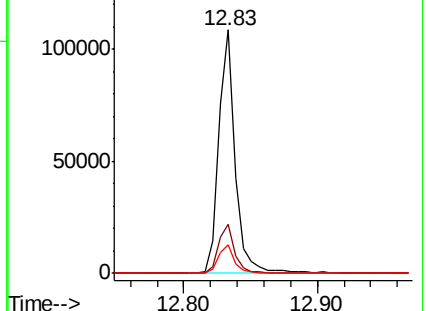
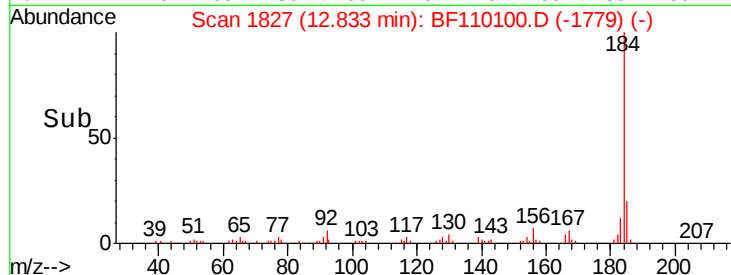
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.399 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

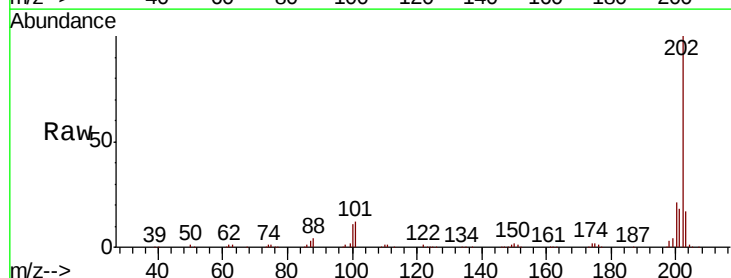
Tgt Ion:202 Resp: 311580

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

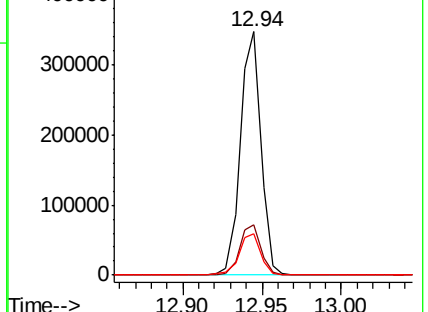
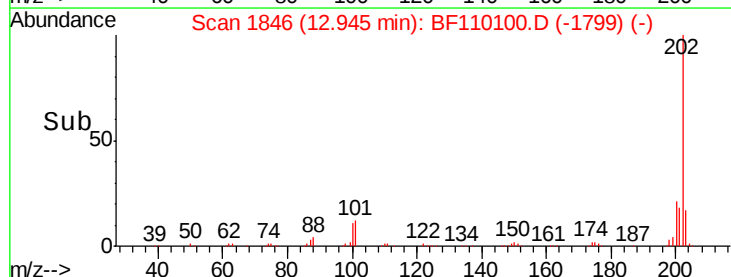
203 17.1 14.2 21.4

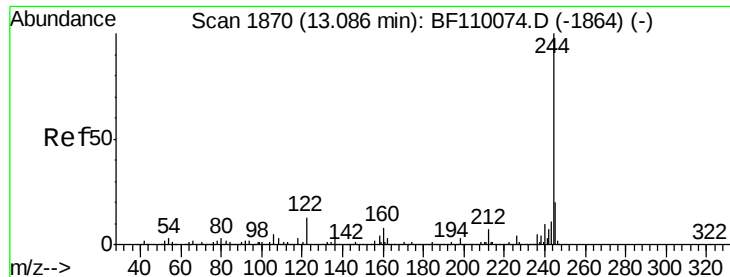


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



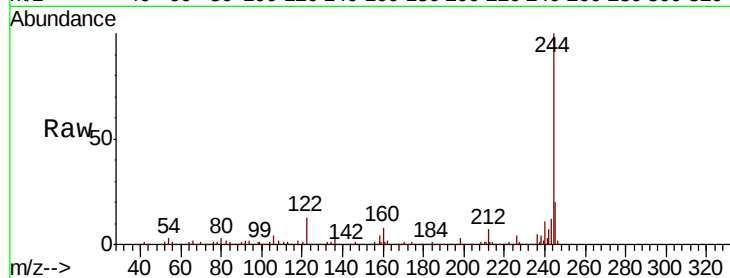


#79
 Terphenyl-d14
 Concen: 69.361 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

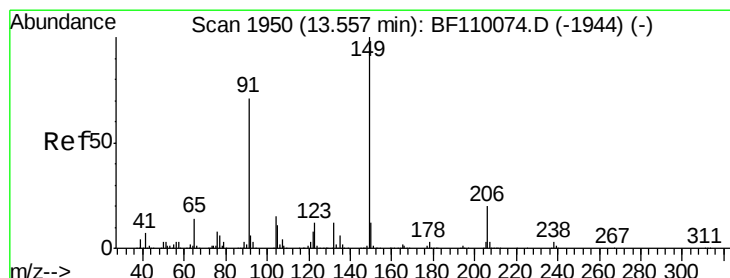
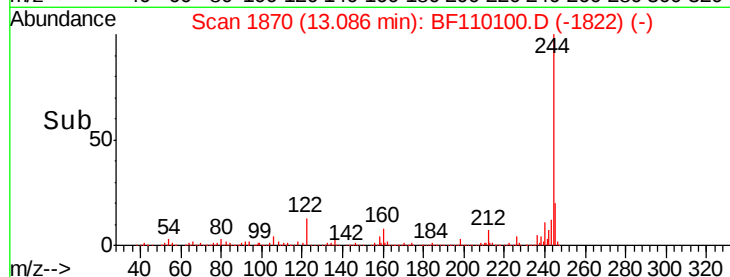
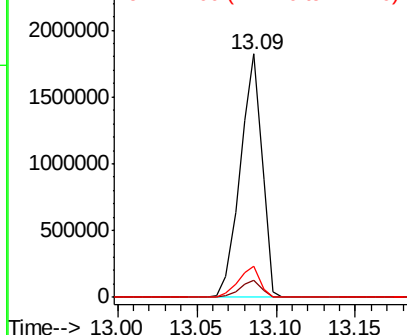
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1725706

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1



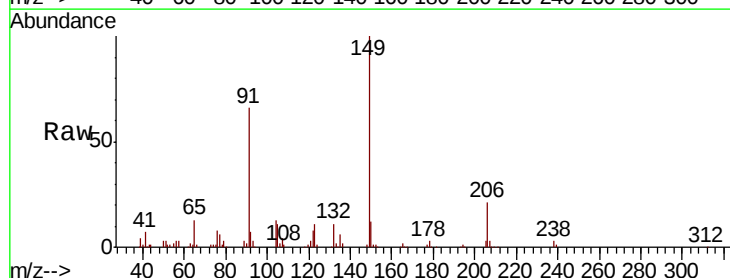
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



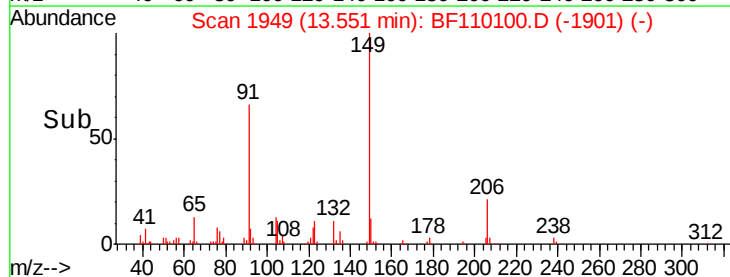
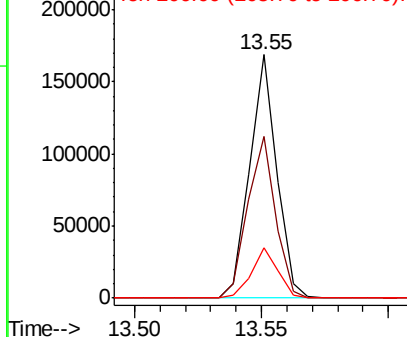
#80
 Butylbenzylphthalate
 Concen: 7.800 ng
 RT: 13.55 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BF110100.D
 Acq: 24 Oct 2018 1:38

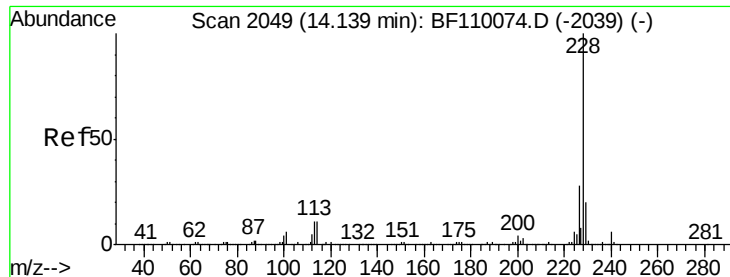
Tgt Ion:149 Resp: 125587

Ion	Ratio	Lower	Upper
149	100		
91	66.4	57.2	85.8
206	20.7	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: 8.858 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

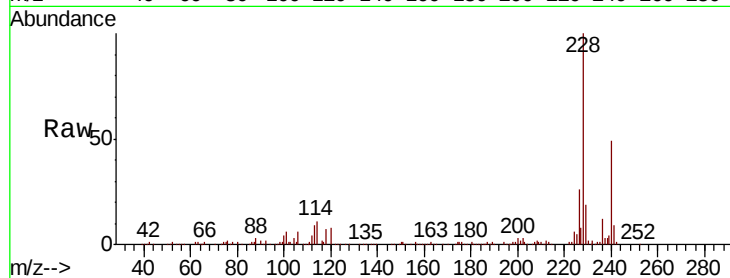
Tot Ion:228 Resp: 271805

Ion Ratio Lower Upper

228 100

226 26.3 22.1 33.1

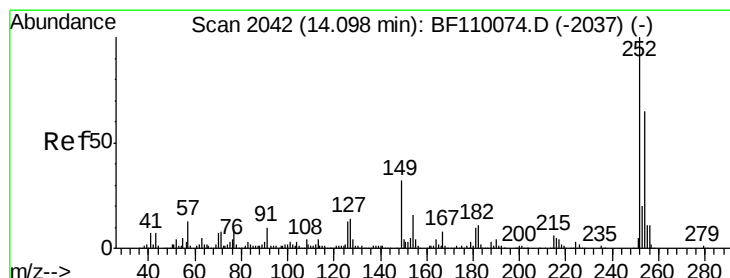
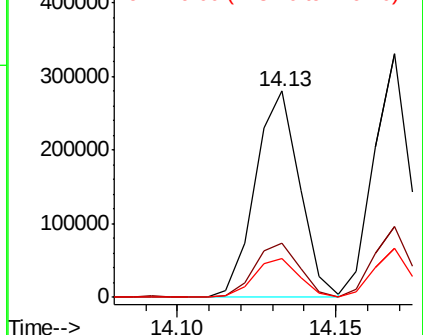
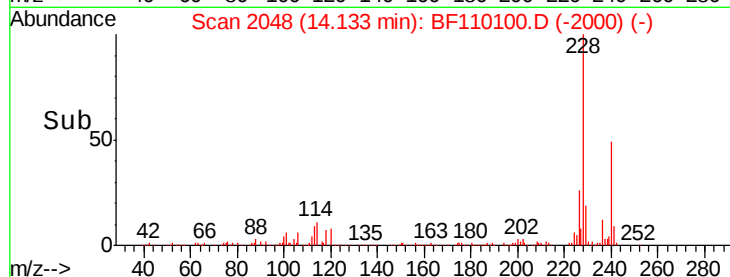
229 18.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 6.227 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

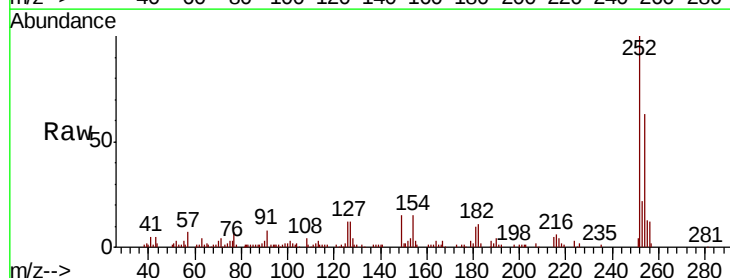
Tgt Ion:252 Resp: 66539

Ion Ratio Lower Upper

252 100

254 63.2 51.3 76.9

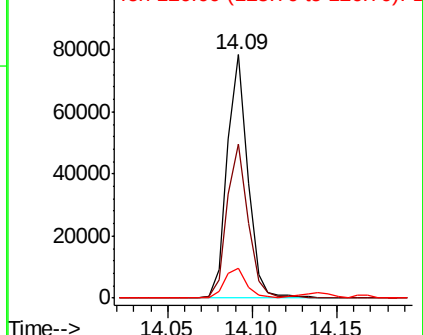
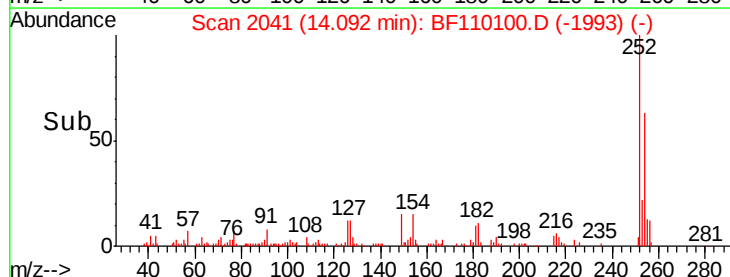
126 12.0 9.4 14.2

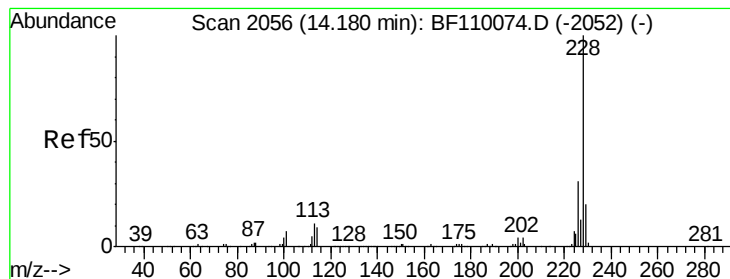


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.956 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

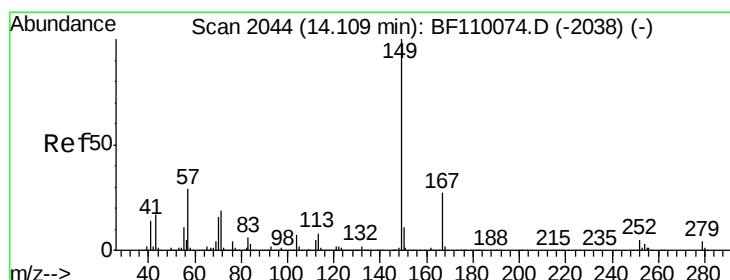
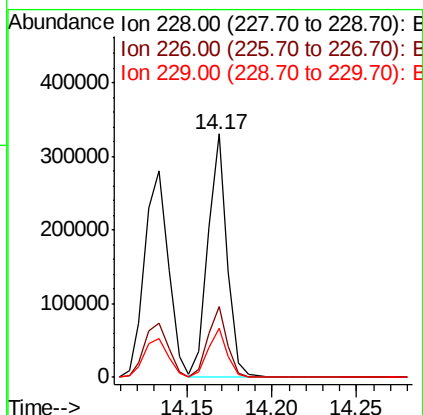
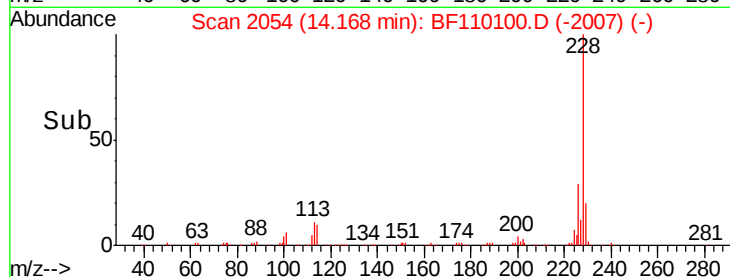
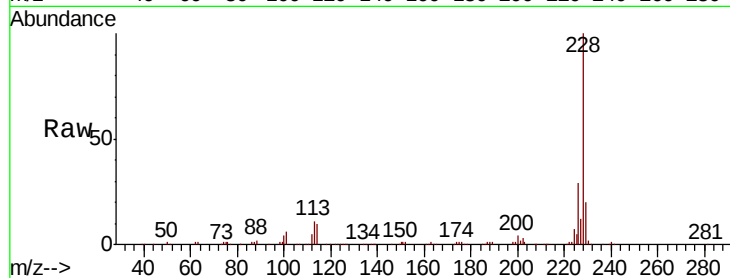
Tot Ion:228 Resp: 261034

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.271 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

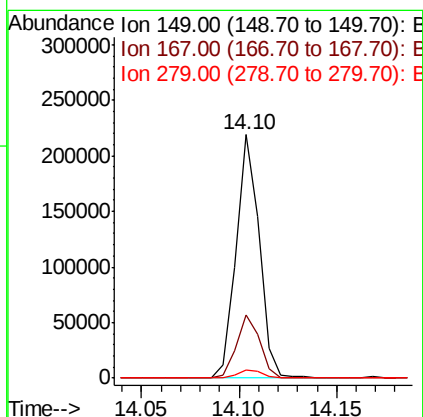
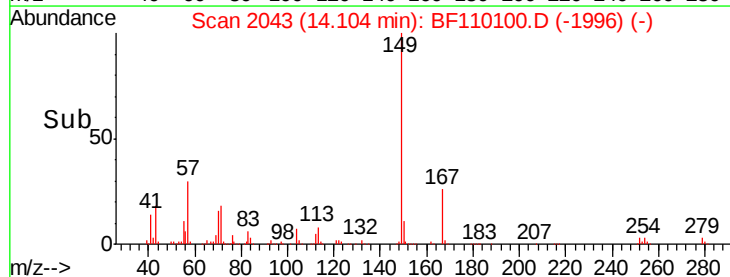
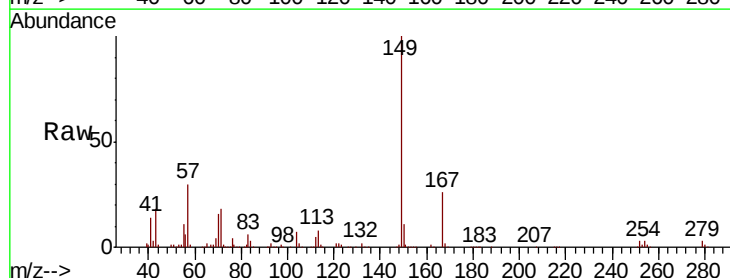
Tgt Ion:149 Resp: 180024

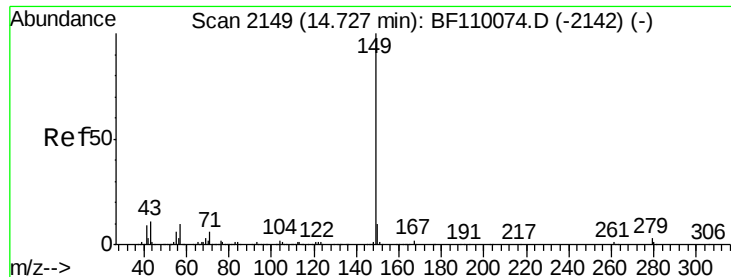
Ion Ratio Lower Upper

149 100

167 25.9 19.8 29.8

279 3.3 2.7 4.1

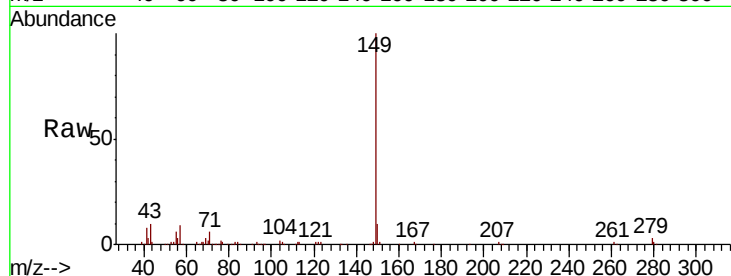




#85
Di-n-octyl phthalate
Concen: 8.383 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	10.1	7.8	11.8

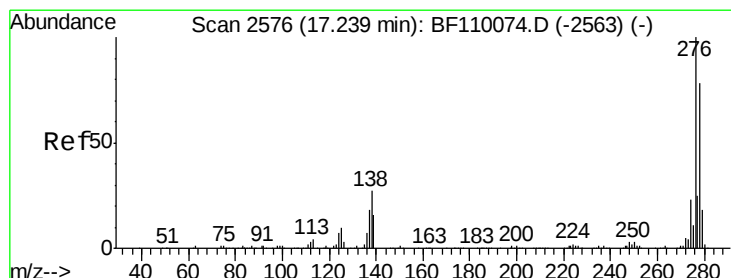
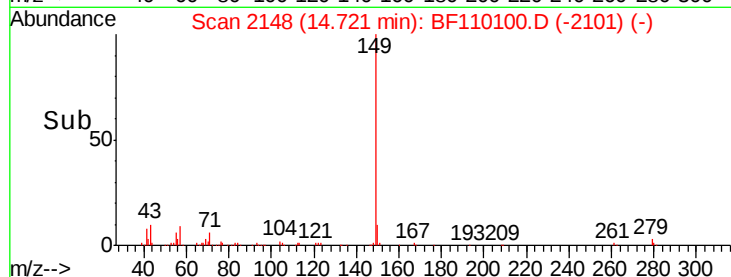
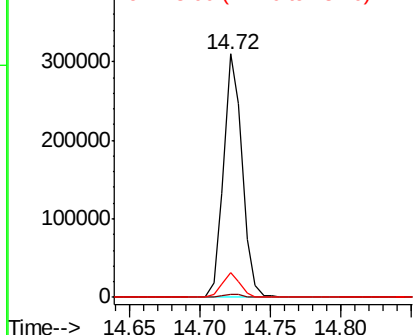


Abundance

Ion 149.00 (148.70 to 149.70): E

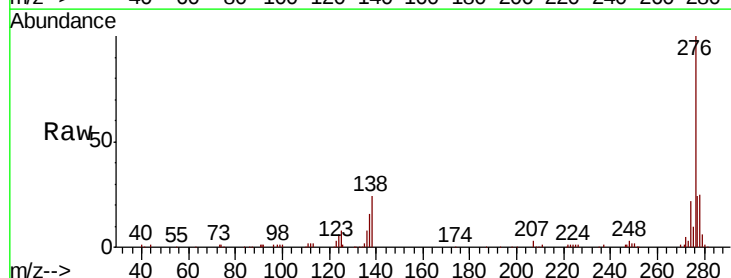
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.273 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.5	27.7#
277	25.2	20.0	30.0

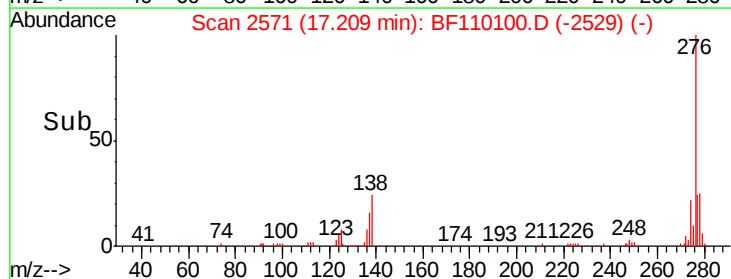
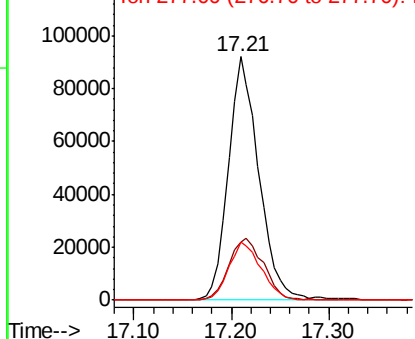


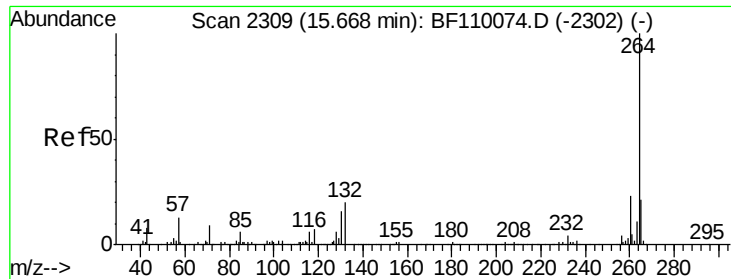
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. -0.03 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

Instrument :

BNA_F

ClientSampleId :

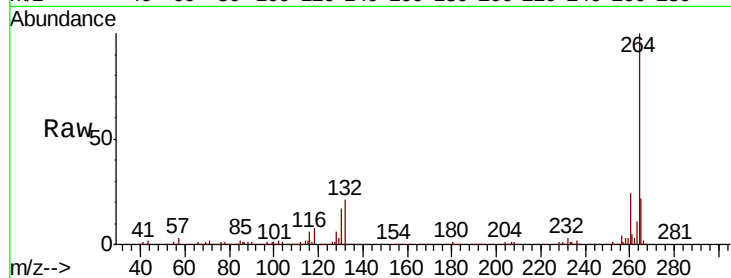
Tot Ion:264 Resp: 443360

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

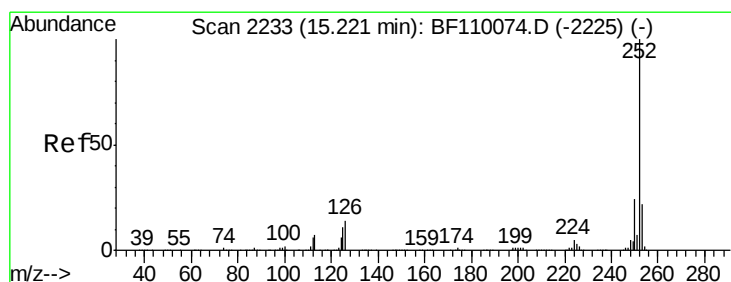
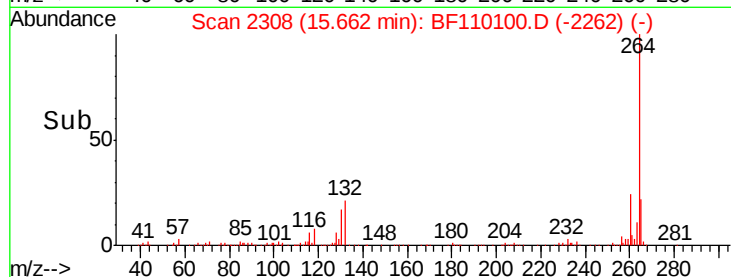
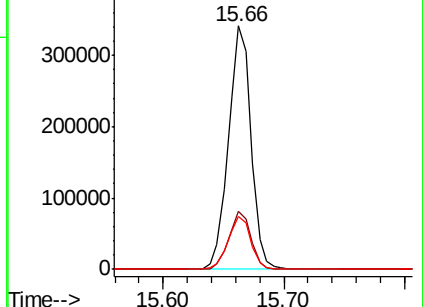
265 21.7 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 9.024 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BF110100.D

Acq: 24 Oct 2018 1:38

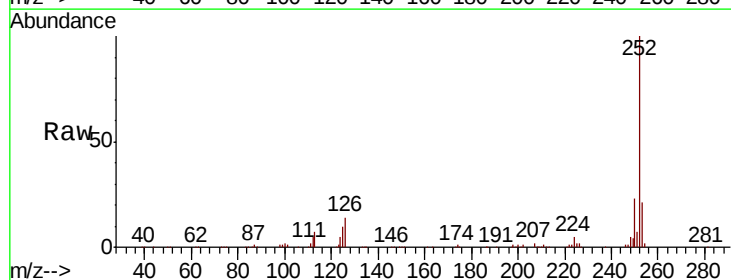
Tgt Ion:252 Resp: 231045

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

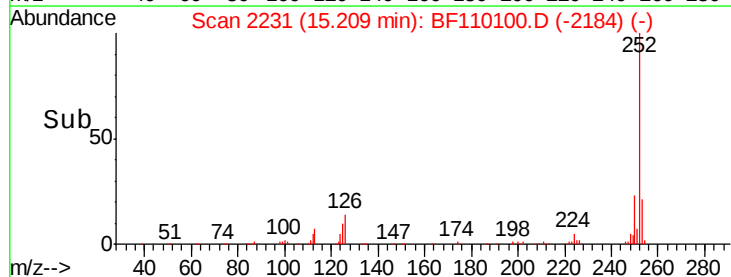
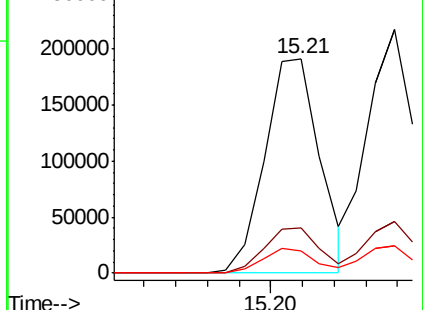
125 10.1 8.2 12.4

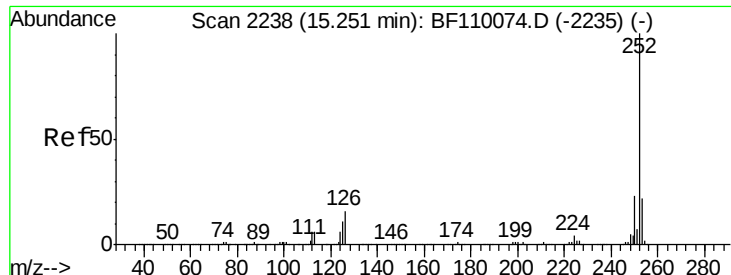


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

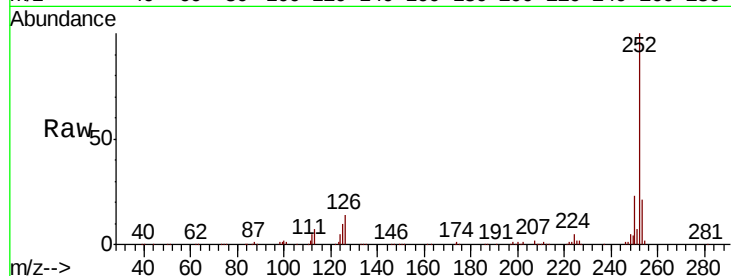




#89
Benzo(k)fluoranthene
Concen: 9.179 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.06 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	10.1	7.4	11.0

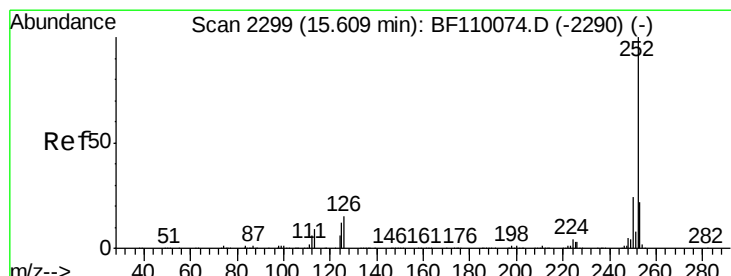
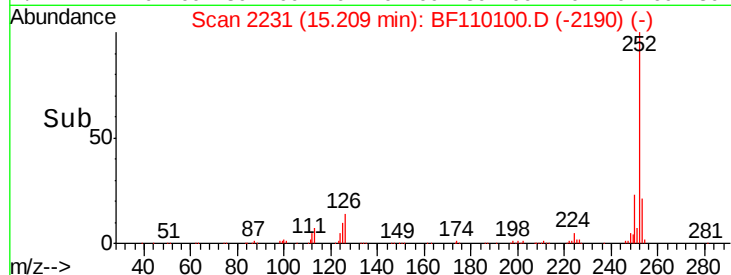
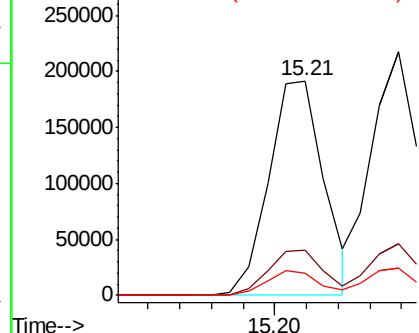


Abundance

Ion 252.00 (251.70 to 252.70): E

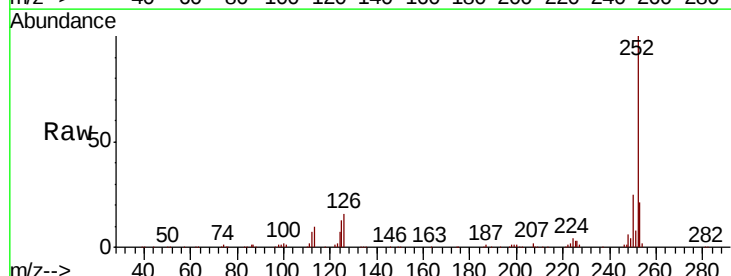
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 8.855 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.2	27.4
125	13.0	9.0	13.6

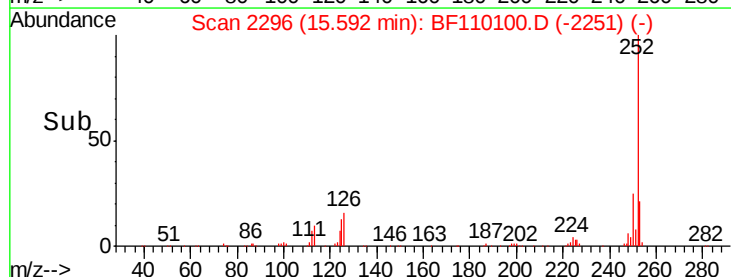
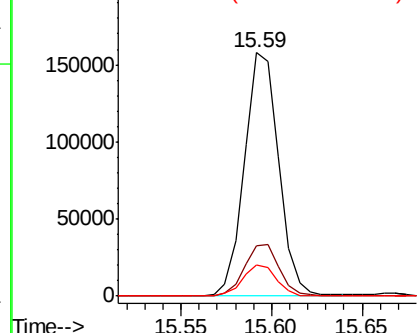


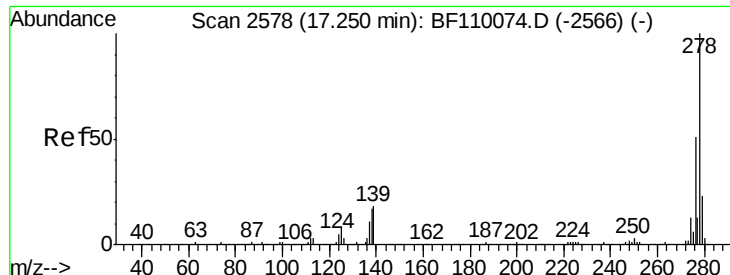
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

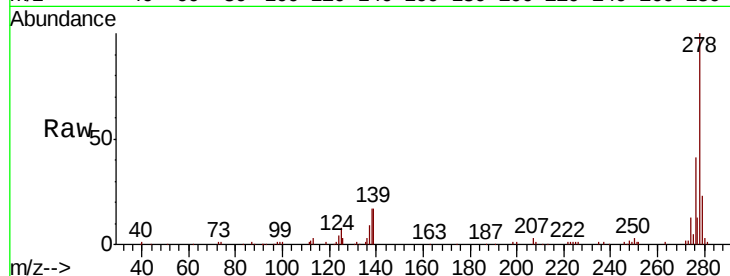




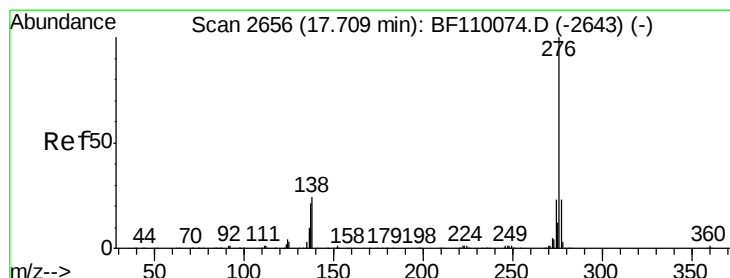
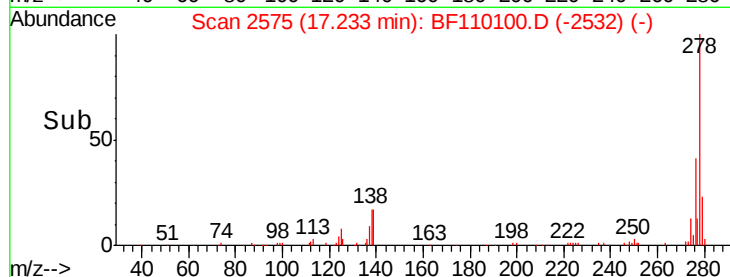
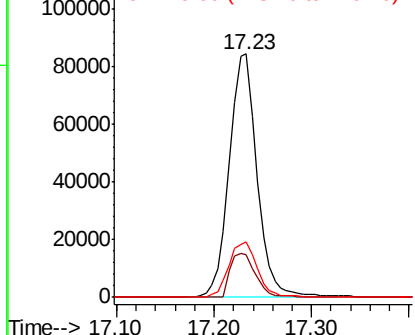
#91
Dibenzo(a,h)anthracene
Concen: 8.275 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 168214
Ion Ratio Lower Upper
278 100
139 17.3 12.7 19.1
279 22.7 19.0 28.4

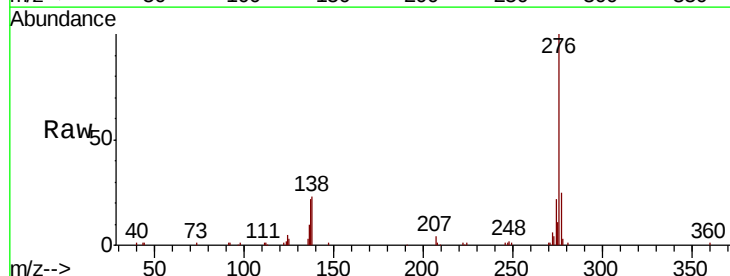


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 8.042 ng
RT: 17.68 min Scan# 2651
Delta R.T. -0.06 min
Lab File: BF110100.D
Acq: 24 Oct 2018 1:38

Tgt Ion:276 Resp: 161088
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 23.1 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

