

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110401.D
 Acq On : 2 Nov 2018 10:10
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:53:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	86541	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	368383	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	175722	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	337172	20.00	ng	0.00
76) Chrysene-d12	14.14	240	246763	20.00	ng	0.00
87) Perylene-d12	15.66	264	173434	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	443995	83.55	ng	0.00
7) Phenol-d6	6.58	99	552995	81.35	ng	0.00
23) Nitrobenzene-d5	7.52	82	518047	83.41	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	148500	85.31	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	969882	86.67	ng	0.00
79) Terphenyl-d14	13.07	244	1026585	86.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	111267	39.962	ng	92
3) Pyridine	3.59	79	245989	39.666	ng	87
4) n-Nitrosodimethylamine	3.55	42	105610	40.648	ng	92
6) Aniline	6.62	93	359337	40.581	ng	# 53
8) 2-Chlorophenol	6.75	128	255950	41.775	ng	96
9) Benzaldehyde	6.51	77	158659	40.270	ng	97
10) Phenol	6.60	94	324139	44.611	ng	# 62
11) bis(2-Chloroethyl)ether	6.69	93	237673	39.759	ng	96
12) 1,3-Dichlorobenzene	6.90	146	274349	40.689	ng	97
13) 1,4-Dichlorobenzene	6.97	146	276898	40.605	ng	98
14) 1,2-Dichlorobenzene	7.13	146	262408	41.451	ng	99
15) Benzyl Alcohol	7.10	79	219571	41.999	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	376574	39.400	ng	69
17) 2-Methylphenol	7.20	107	197394	40.425	ng	# 81
18) Hexachloroethane	7.47	117	103760	41.560	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	175339	40.208	ng	96
20) 3+4-Methylphenols	7.36	107	261842	41.485	ng	98
22) Acetophenone	7.37	105	350846	41.333	ng	98
24) Nitrobenzene	7.54	77	265299	41.374	ng	98
25) Isophorone	7.77	82	424109	40.059	ng	98
26) 2-Nitrophenol	7.86	139	136424	44.709	ng	91
27) 2,4-Dimethylphenol	7.89	122	201934	39.916	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	288174	40.068	ng	99
29) 2,4-Dichlorophenol	8.10	162	213263	41.726	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	234739	41.003	ng	96
31) Naphthalene	8.26	128	688585	40.557	ng	100
32) Benzoic acid	8.01	122	146194	37.390	ng	94
33) 4-Chloroaniline	8.31	127	308051	40.314	ng	98
34) Hexachlorobutadiene	8.37	225	132002	41.527	ng	99
35) Caprolactam	8.69	113	70922	39.812	ng	90
36) 4-Chloro-3-methylphenol	8.79	107	228144	41.279	ng	97
37) 2-Methylnaphthalene	8.95	142	460283	40.974	ng	99
38) 1-Methylnaphthalene	9.05	142	441125	40.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	223526	40.826	ng	98

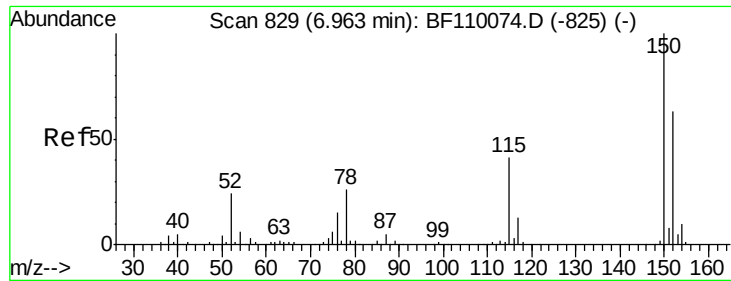
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110401.D
 Acq On : 2 Nov 2018 10:10
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
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Instrument :
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Quant Time: Nov 02 22:53:49 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	112861	40.313	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	145770	41.278	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	151490	40.583	ng	95
46) 1,1'-Biphenyl	9.42	154	657398	41.371	ng	100
47) 2-Chloronaphthalene	9.44	162	478997	41.094	ng	99
48) 2-Nitroaniline	9.54	65	150869	42.713	ng	91
49) Acenaphthylene	9.86	152	688822	40.915	ng	99
50) Dimethylphthalate	9.72	163	538014	41.477	ng	99
51) 2,6-Dinitrotoluene	9.78	165	120363	43.078	ng	97
52) Acenaphthene	10.03	154	435133	39.069	ng	98
53) 3-Nitroaniline	9.96	138	138685	41.739	ng	93
54) 2,4-Dinitrophenol	10.06	184	40449	39.292	ng	91
55) Dibenzofuran	10.20	168	641721	41.153	ng	99
56) 4-Nitrophenol	10.11	139	96321	39.168	ng	96
57) 2,4-Dinitrotoluene	10.19	165	158418	44.637	ng	# 85
58) Fluorene	10.55	166	484953	41.787	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.32	232	126218	41.484	ng	95
60) Diethylphthalate	10.41	149	532067	42.020	ng	100
61) 4-Chlorophenyl-phenylether	10.53	204	260774	42.595	ng	98
62) 4-Nitroaniline	10.57	138	139405	42.183	ng	92
63) Azobenzene	10.70	77	517490	41.173	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	67169	43.604	ng	96
66) n-Nitrosodiphenylamine	10.66	169	455511	41.188	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	151456	41.412	ng	91
68) Hexachlorobenzene	11.10	284	159784	41.176	ng	# 91
69) Atrazine	11.18	200	143093	40.943	ng	99
70) Pentachlorophenol	11.29	266	90411	39.956	ng	97
71) Phenanthrene	11.52	178	721860	40.916	ng	99
72) Anthracene	11.57	178	729847	41.272	ng	99
73) Carbazole	11.72	167	713099	41.300	ng	100
74) Di-n-butylphthalate	12.03	149	839569	43.054	ng	100
75) Fluoranthene	12.71	202	736975	41.160	ng	99
77) Benzidine	12.83	184	304634	43.300	ng	96
78) Pyrene	12.94	202	751019	42.453	ng	99
80) Butylbenzylphthalate	13.54	149	339672	44.237	ng	98
81) Benzo(a)anthracene	14.13	228	598096	40.872	ng	100
82) 3,3'-Dichlorobenzidine	14.09	252	208433	40.904	ng	100
83) Chrysene	14.17	228	575404	41.399	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	438792	42.274	ng	97
85) Di-n-octyl phthalate	14.70	149	666823	41.315	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	381833	33.115	ng	97
88) Benzo(b)fluoranthene	15.20	252	440438	43.977	ng	98
89) Benzo(k)fluoranthene	15.24	252	415533	42.204	ng	99
90) Benzo(a)pyrene	15.60	252	390447	42.368	ng	97
91) Dibenzo(a,h)anthracene	17.24	278	312584	39.310	ng	99
92) Benzo(g,h,i)perylene	17.70	276	314937	40.193	ng	99

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

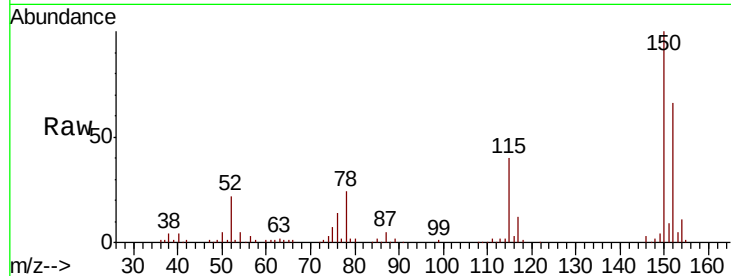


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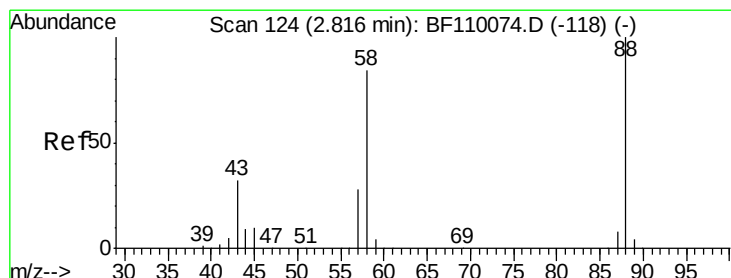
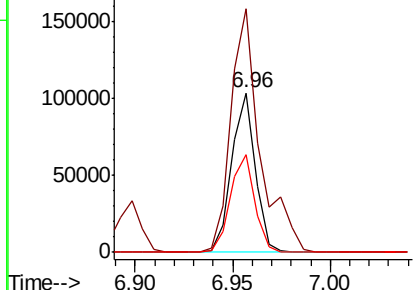
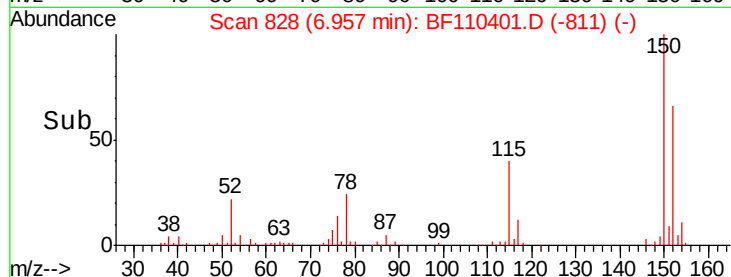
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86541
Ion Ratio Lower Upper
152 100
150 152.5 122.7 184.1
115 61.4 49.1 73.7



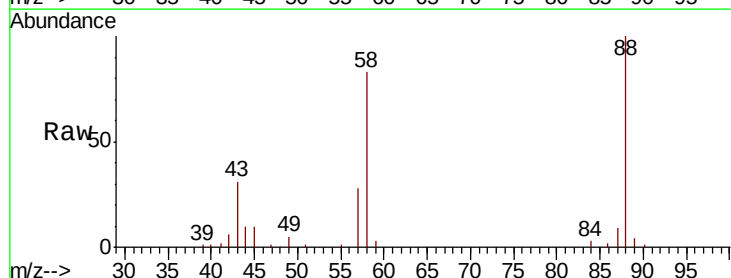
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



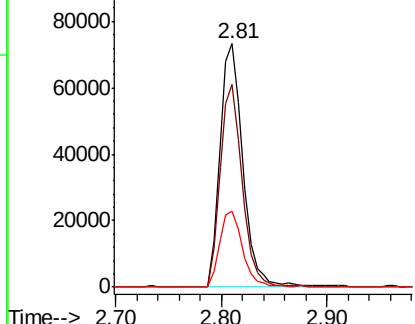
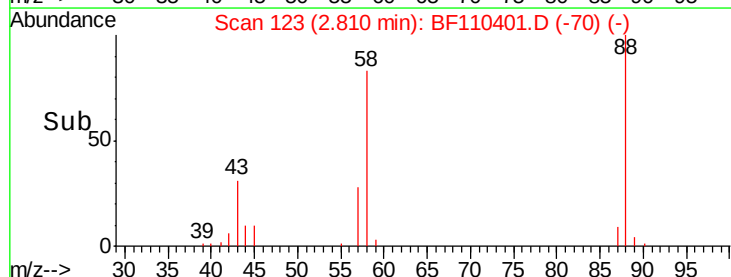
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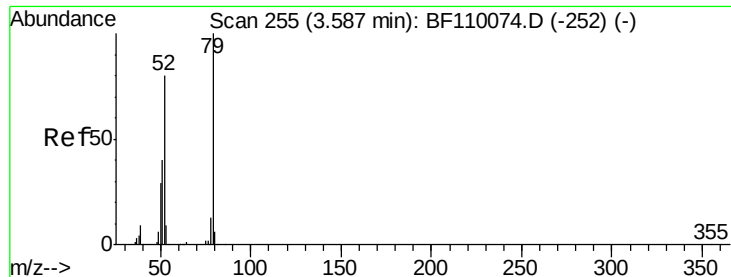
1,4-Dioxane
Concen: 39.962 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.01 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion: 88 Resp: 111267
Ion Ratio Lower Upper
88 100
58 79.9 57.1 85.7
43 31.1 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: 39.666 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

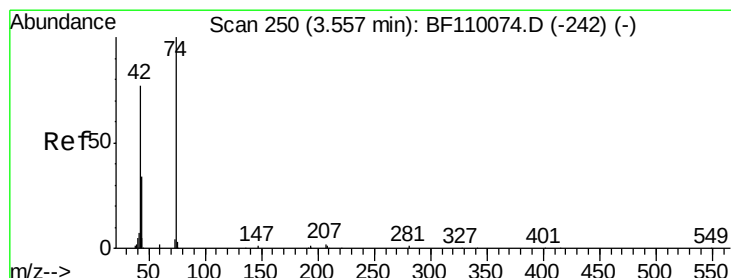
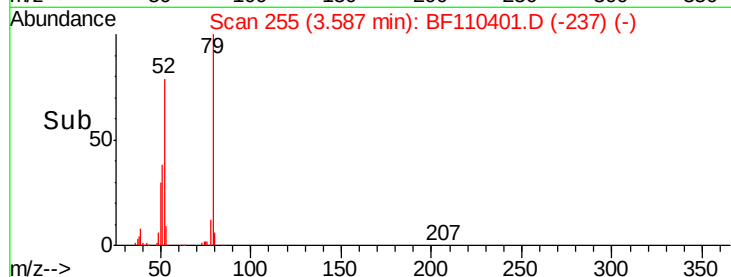
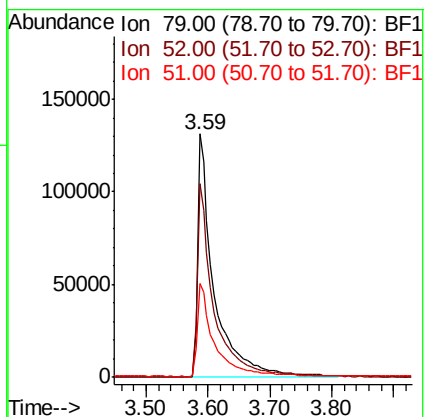
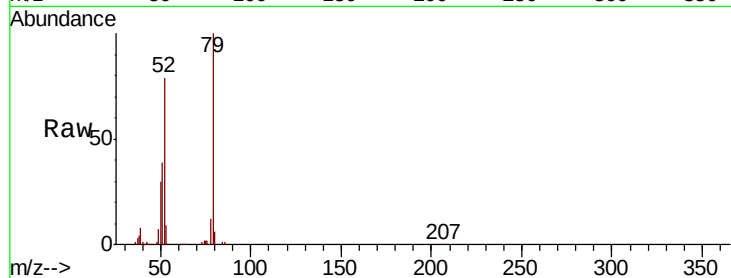
Tot Ion: 79 Resp: 245989

Ion Ratio Lower Upper

79 100

52 79.3 53.1 79.7

51 38.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 40.648 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

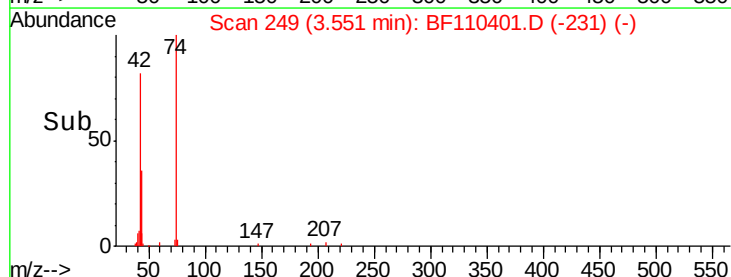
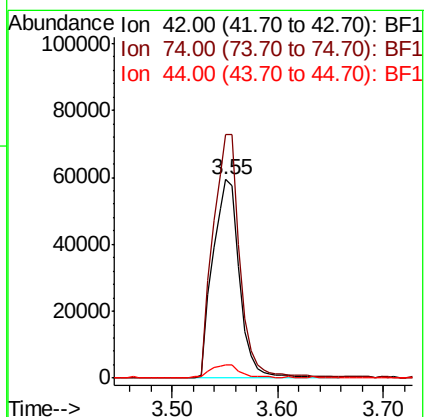
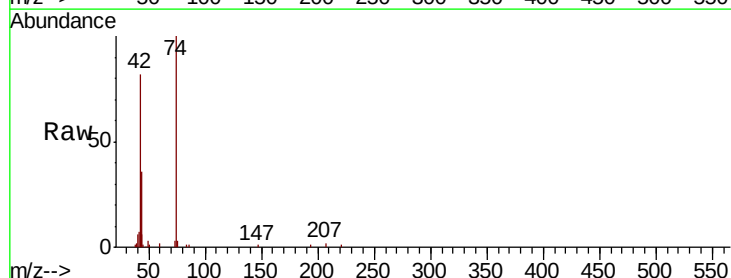
Tgt Ion: 42 Resp: 105610

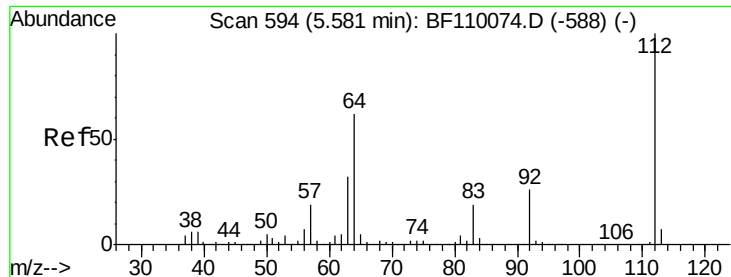
Ion Ratio Lower Upper

42 100

74 122.5 105.5 158.3

44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 83.547 ng

RT: 5.57 min Scan# 593

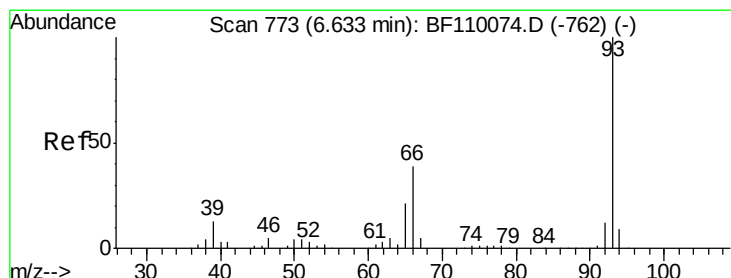
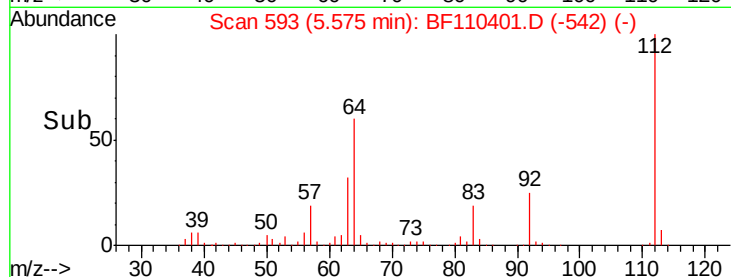
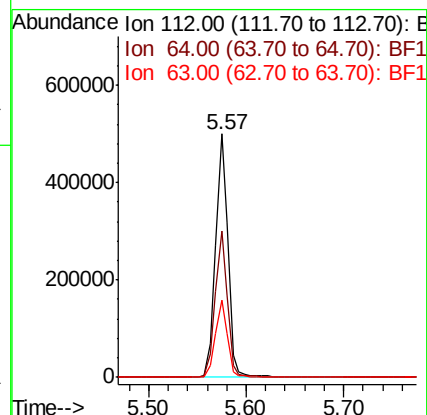
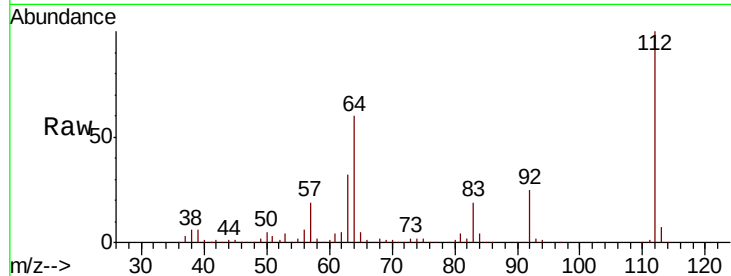
Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	443995
Ion	Ratio	Lower	Upper
112	100		
64	60.1	44.1	66.1
63	31.9	23.7	35.5



#6

Aniline

Concen: 40.581 ng

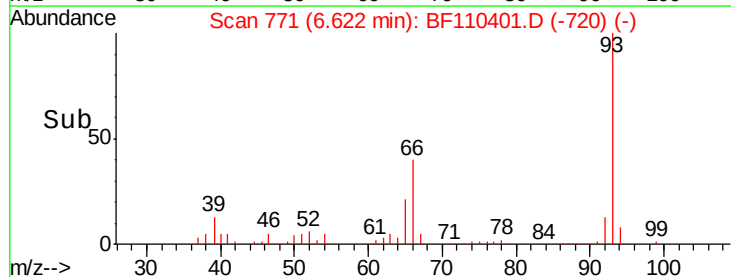
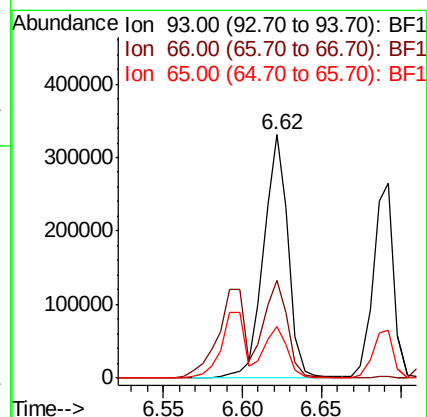
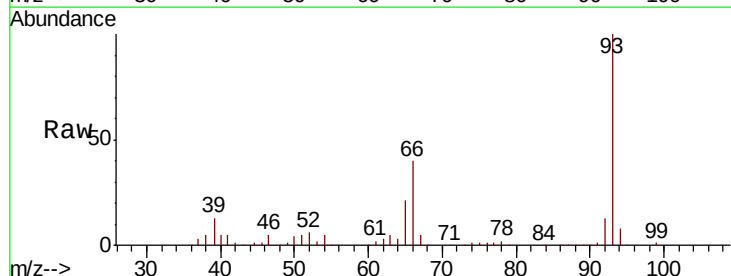
RT: 6.62 min Scan# 771

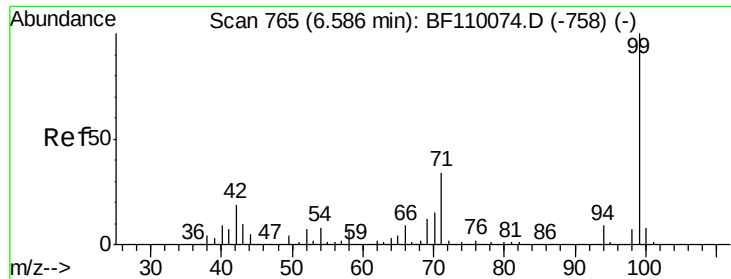
Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Tgt Ion:	93	Resp:	359337
Ion	Ratio	Lower	Upper
93	100		
66	40.2	67.4	101.0#
65	21.0	41.0	61.4#





#7

Phenol-d6

Concen: 81.354 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

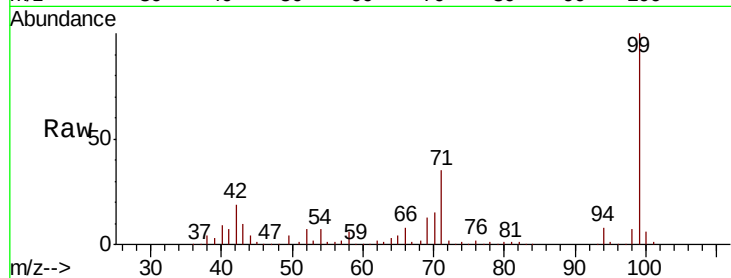
Tot Ion: 99 Resp: 552995

Ion Ratio Lower Upper

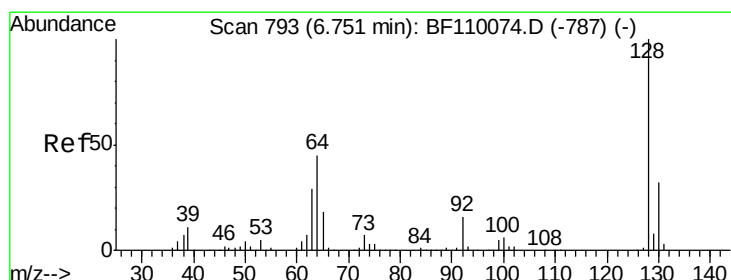
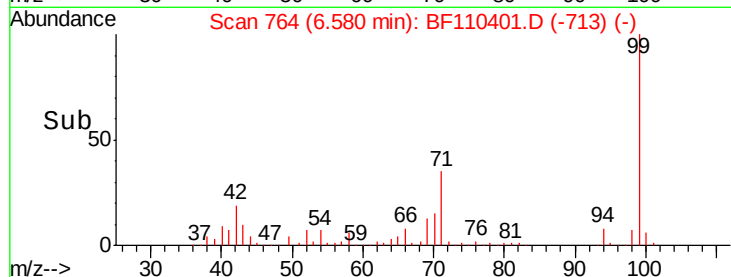
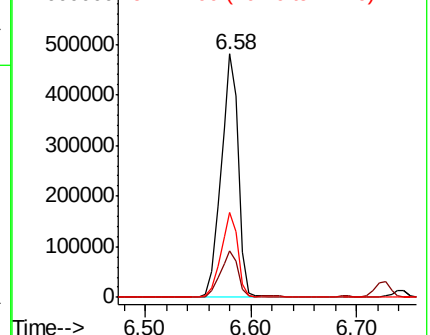
99 100

42 19.2 15.8 23.6

71 35.0 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: 41.775 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

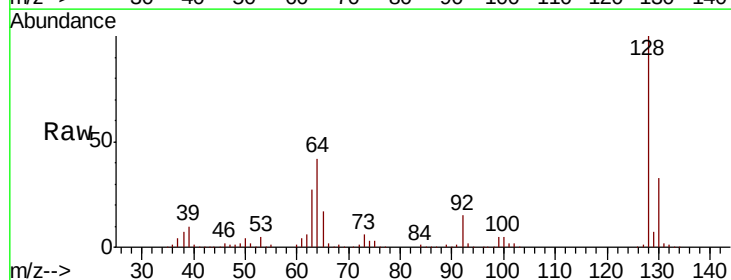
Tgt Ion: 128 Resp: 255950

Ion Ratio Lower Upper

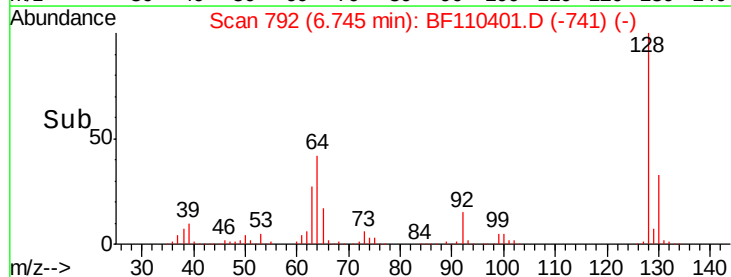
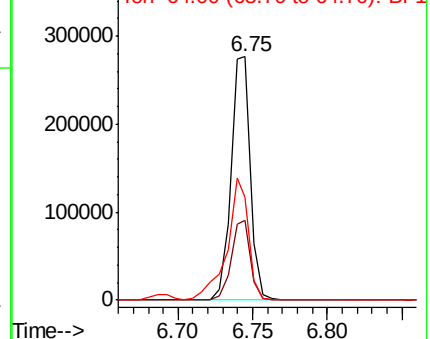
128 100

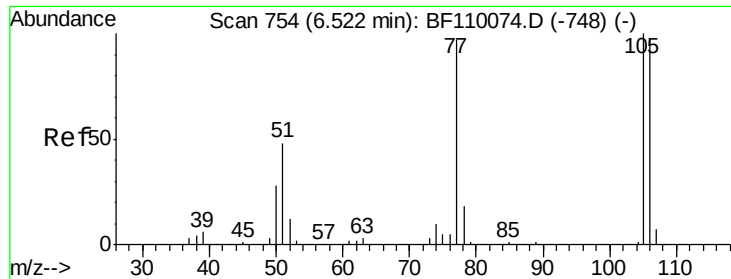
130 32.6 13.1 53.1

64 42.4 26.0 66.0



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





#9

Benzaldehyde

Concen: 40.270 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

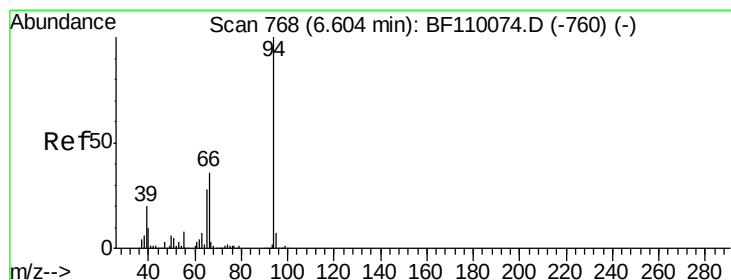
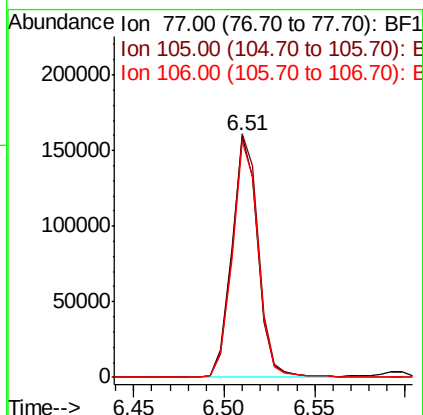
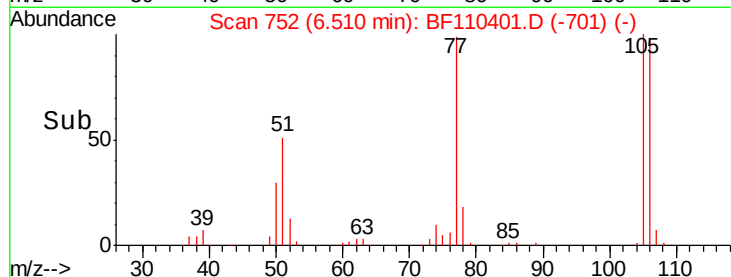
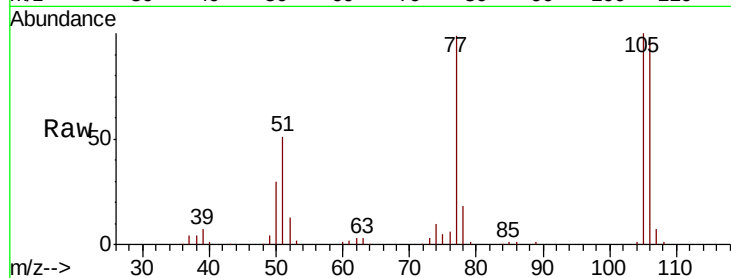
Tot Ion: 77 Resp: 158659

Ion Ratio Lower Upper

77 100

105 101.0 78.6 118.6

106 97.6 74.8 114.8



#10

Phenol

Concen: 44.611 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

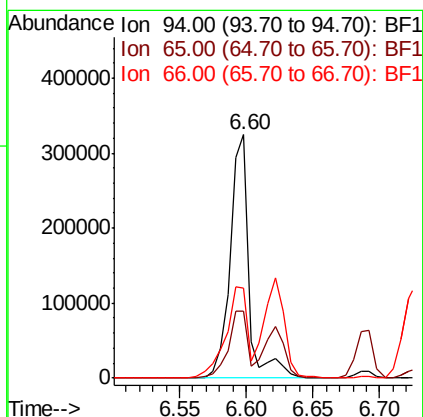
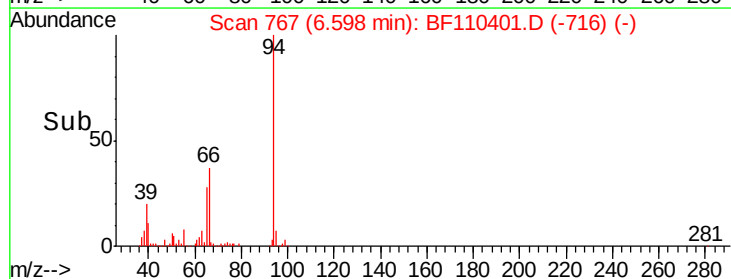
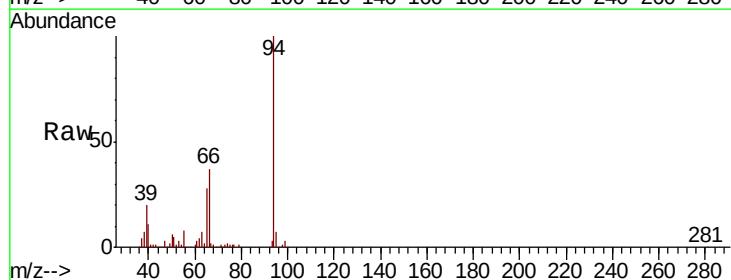
Tgt Ion: 94 Resp: 324139

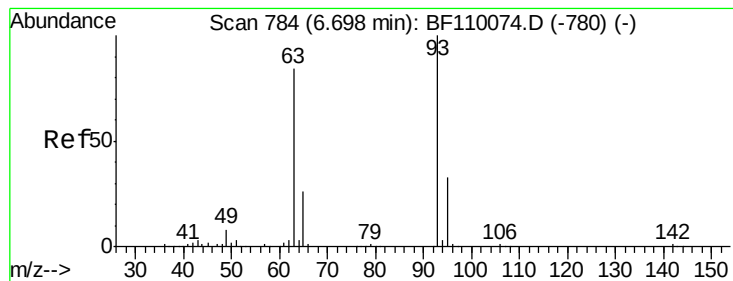
Ion Ratio Lower Upper

94 100

65 27.5 25.3 65.3

66 36.9 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.759 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

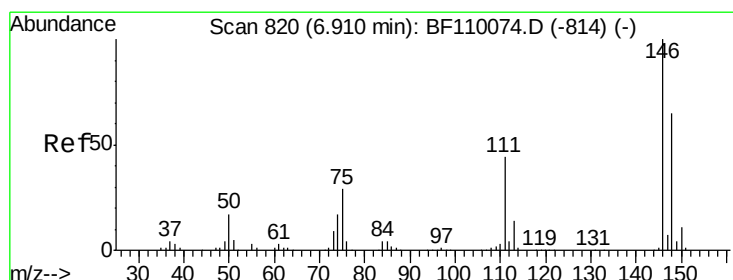
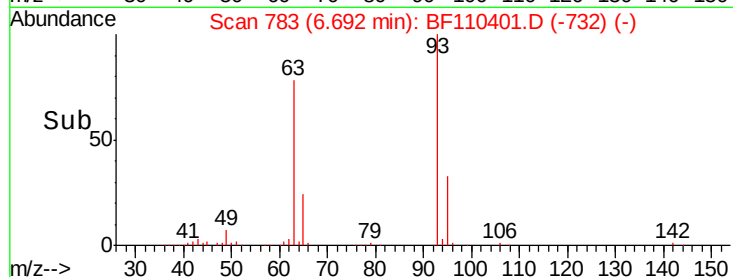
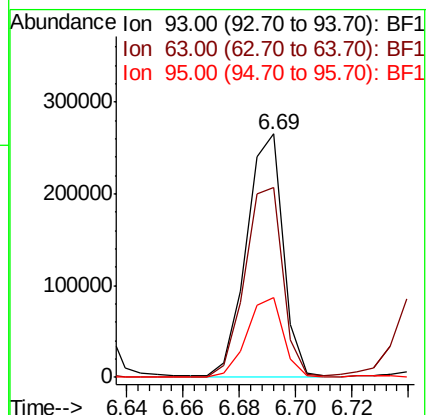
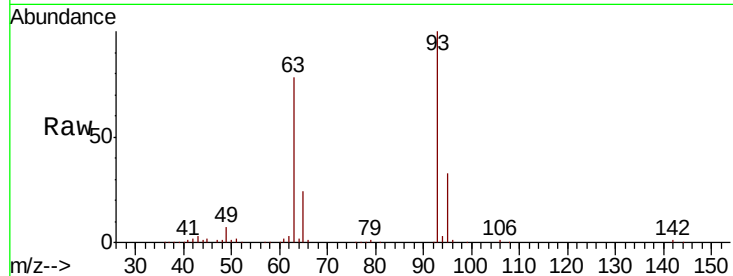
Tot Ion: 93 Resp: 237673

Ion Ratio Lower Upper

93 100

63 78.0 53.4 93.4

95 32.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.689 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

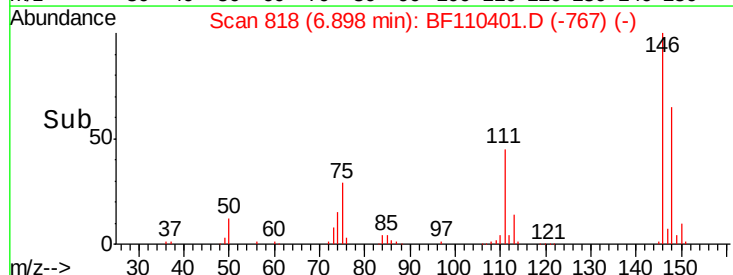
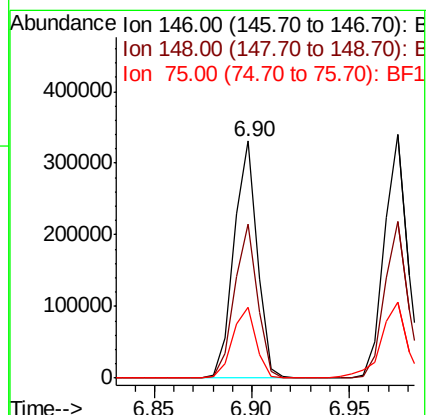
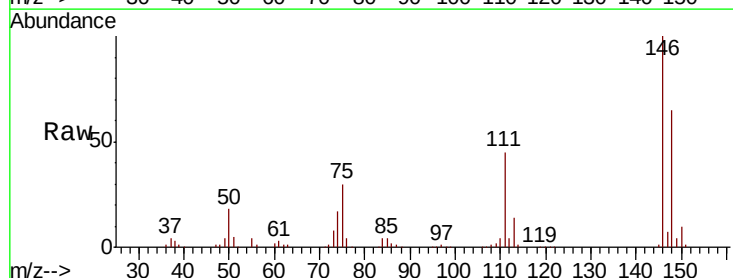
Tgt Ion: 146 Resp: 274349

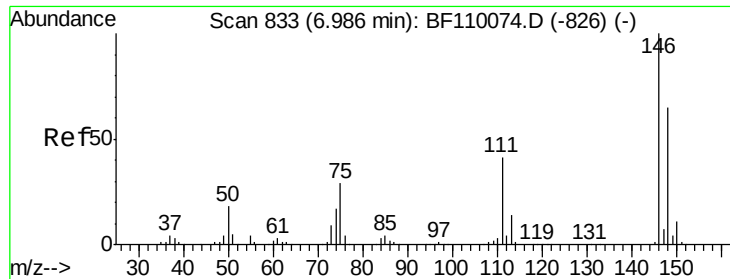
Ion Ratio Lower Upper

146 100

148 64.8 50.4 75.6

75 30.2 25.8 38.6

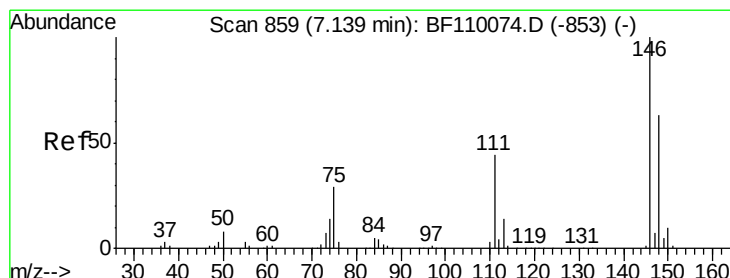
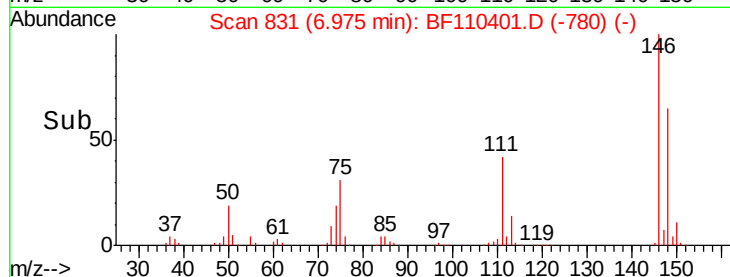
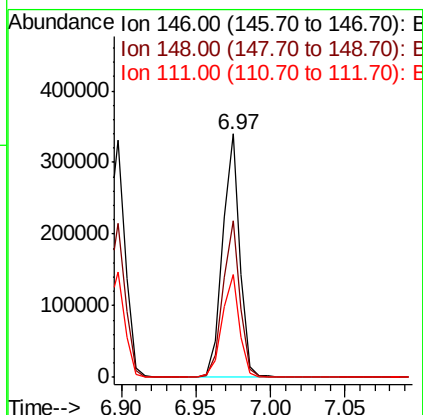
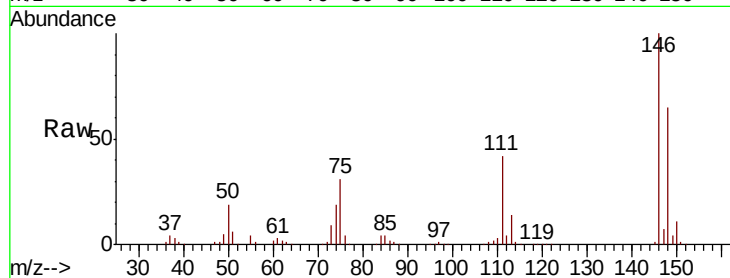




#13
 1,4-Dichlorobenzene
 Concen: 40.605 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

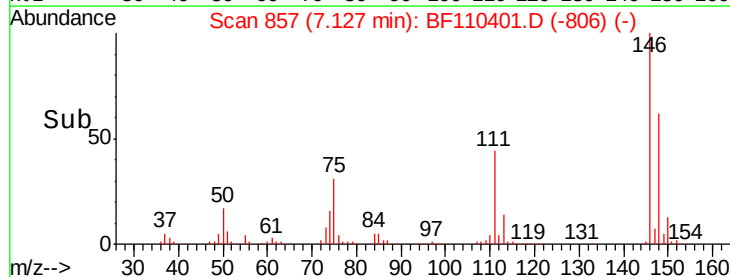
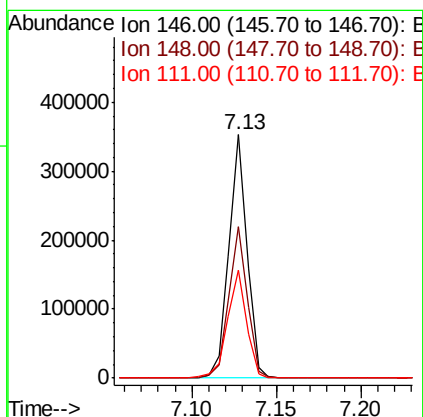
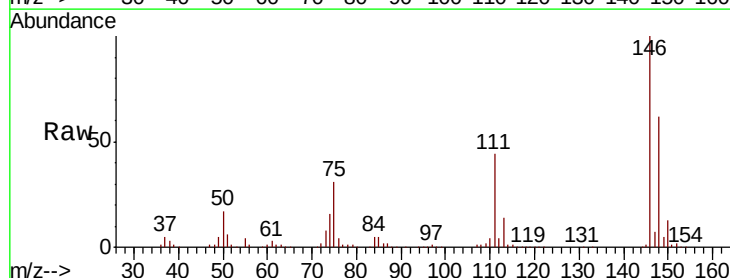
Instrument :
 BNA_F
 ClientSampled :

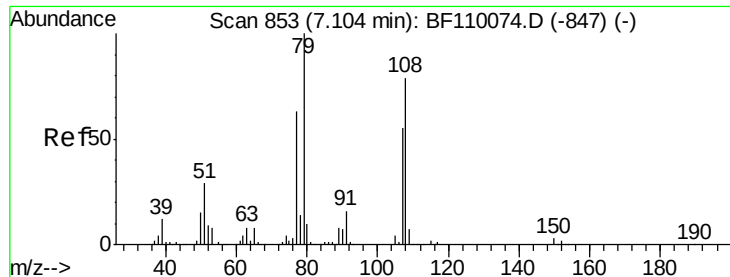
Tot Ion:146 Resp: 276898
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.3 75.5
 111 42.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 41.451 ng
 RT: 7.13 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion:146 Resp: 262408
 Ion Ratio Lower Upper
 146 100
 148 62.4 51.1 76.7
 111 44.2 35.8 53.6





#15

Benzyl Alcohol

Concen: 41.999 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampled :

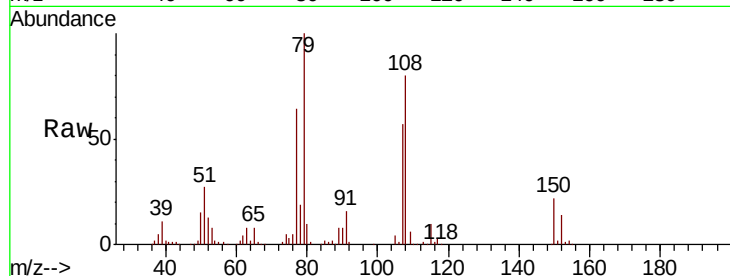
Tot Ion: 79 Resp: 219571

Ion Ratio Lower Upper

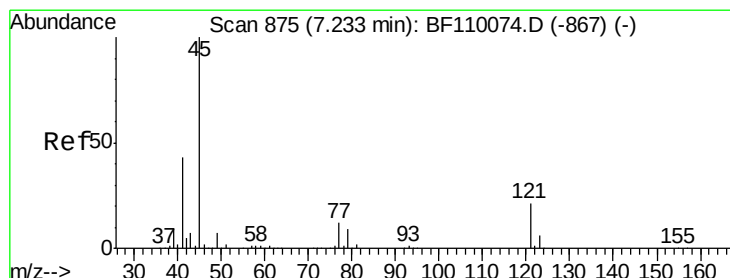
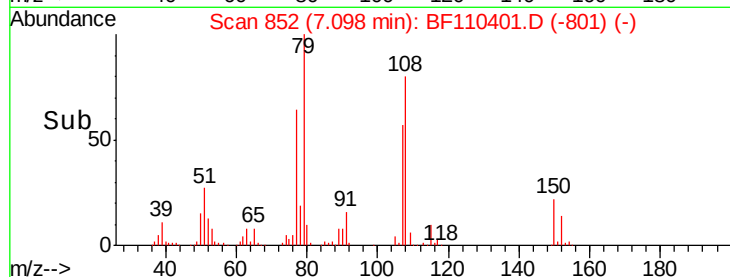
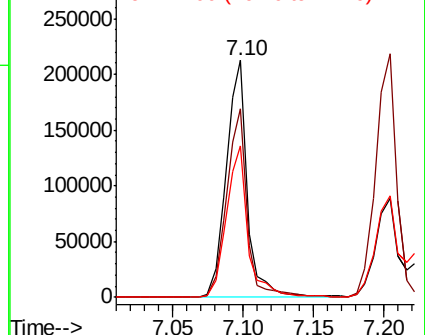
79 100

108 79.7 56.3 84.5

77 63.8 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: 39.400 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

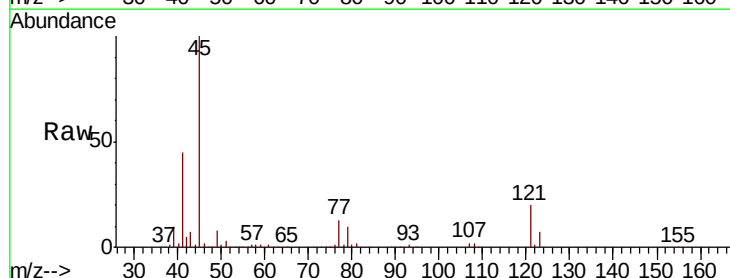
Tgt Ion: 45 Resp: 376574

Ion Ratio Lower Upper

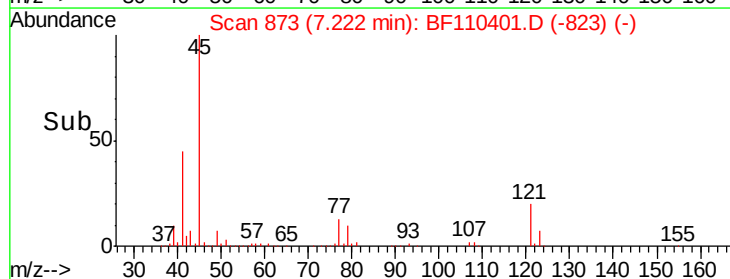
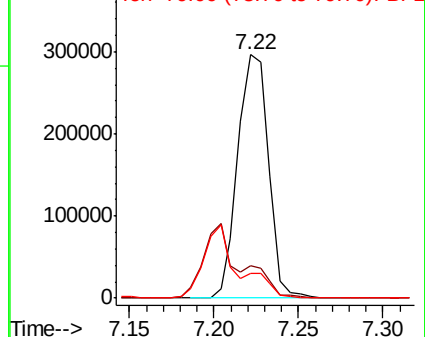
45 100

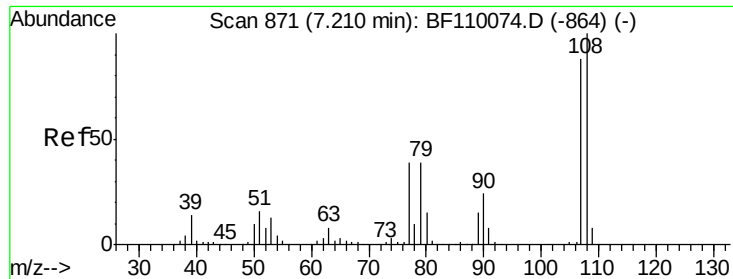
77 13.4 10.0 50.0

79 10.2 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

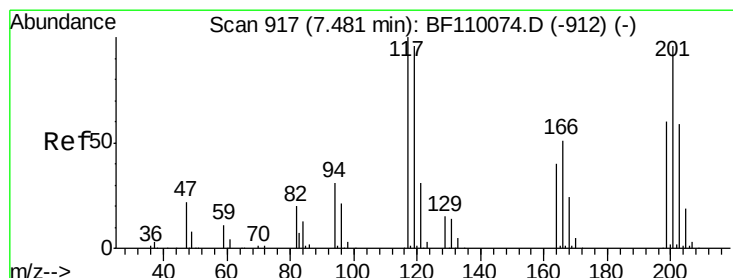
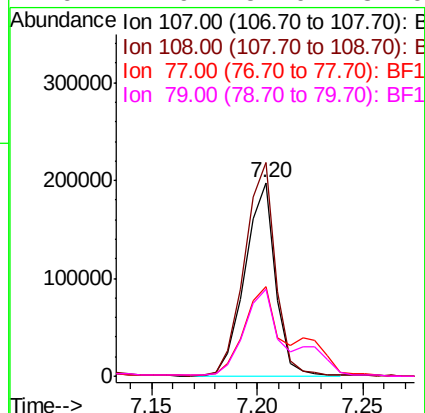
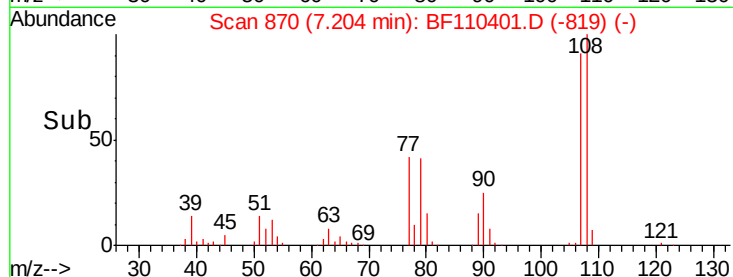
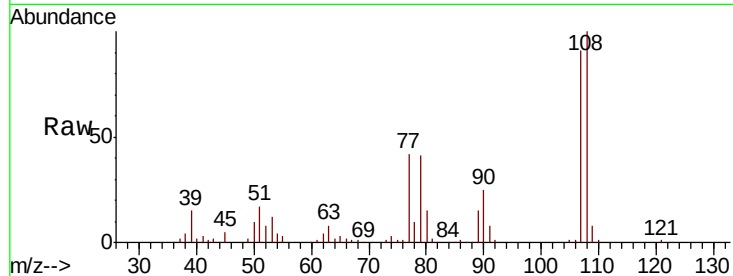




#17
2-Methylphenol
Concen: 40.425 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

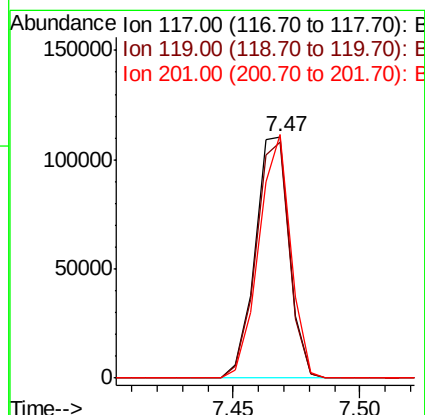
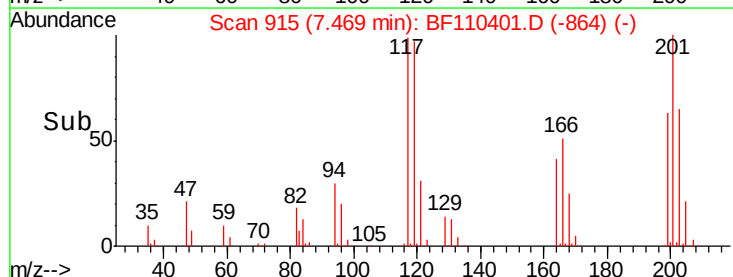
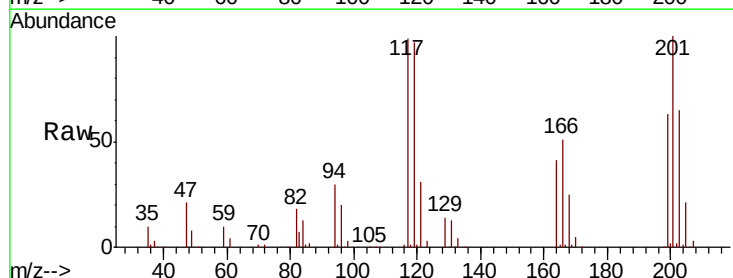
Instrument :
BNA_F
ClientSampleId :

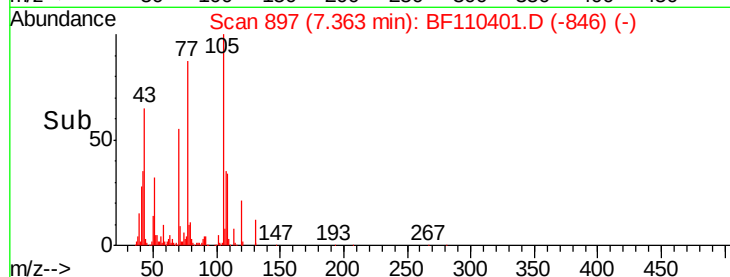
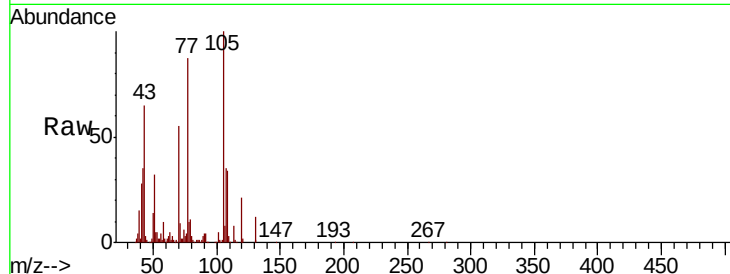
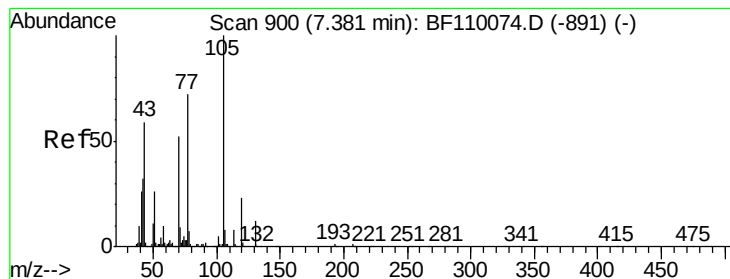
Tot Ion:107 Resp: 197394
Ion Ratio Lower Upper
107 100
108 110.4 92.6 138.8
77 46.3 59.4 89.2#
79 44.9 54.0 81.0#



#18
Hexachloroethane
Concen: 41.560 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:117 Resp: 103760
Ion Ratio Lower Upper
117 100
119 97.5 75.0 112.6
201 100.9 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.208 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 175339

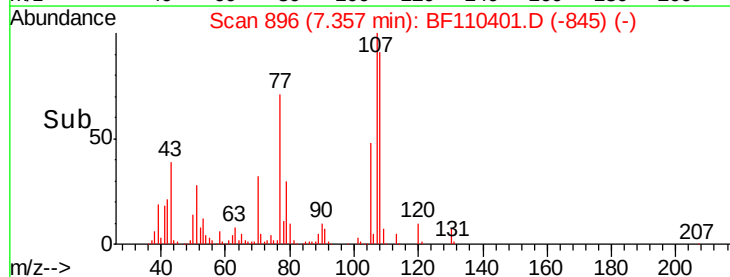
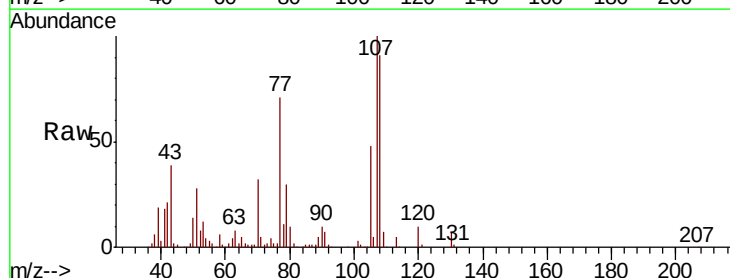
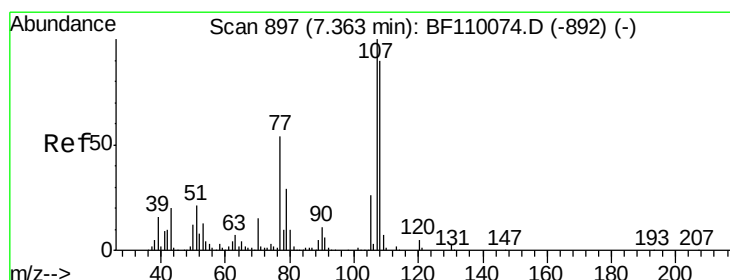
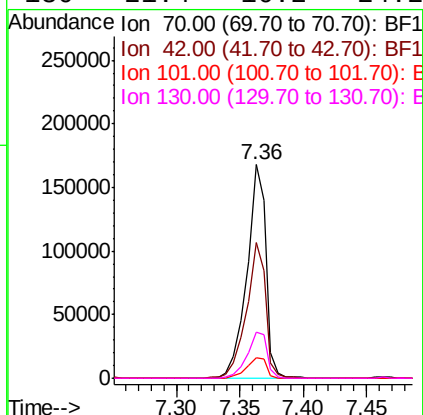
Ion Ratio Lower Upper

70 100

42 63.3 47.4 71.2

101 9.5 7.3 10.9

130 21.4 16.2 24.2



#20

3+4-Methylphenols

Concen: 41.485 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Tgt Ion:107 Resp: 261842

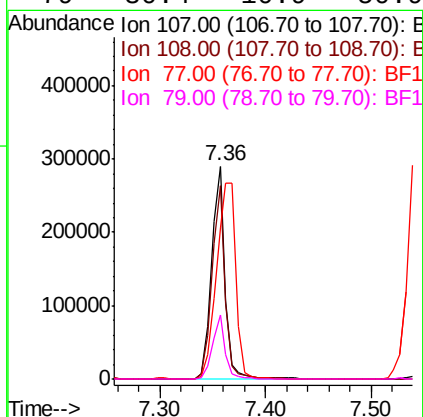
Ion Ratio Lower Upper

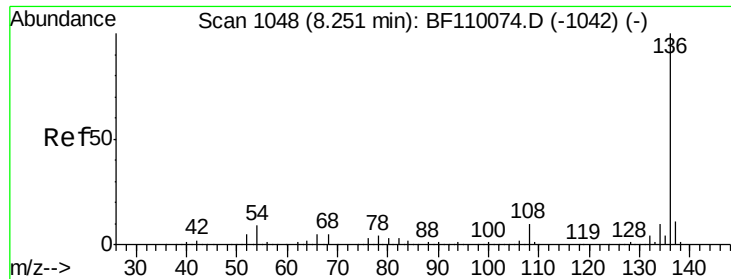
107 100

108 90.8 71.4 111.4

77 70.9 47.3 87.3

79 30.4 10.9 50.9

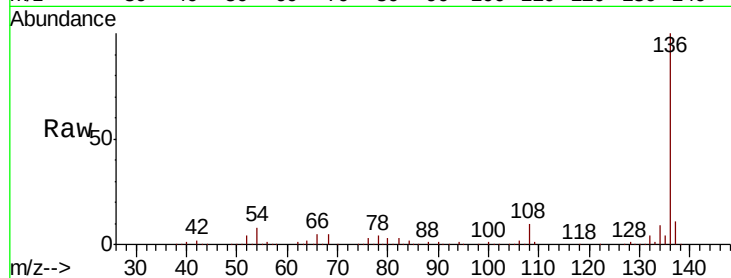




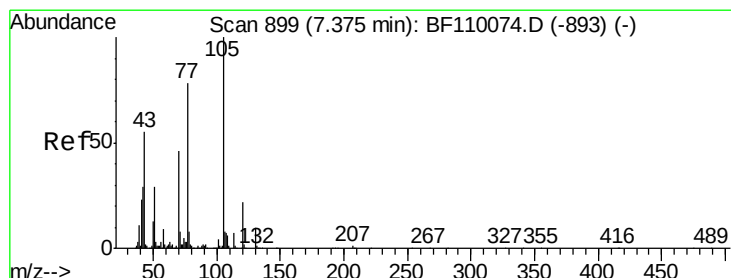
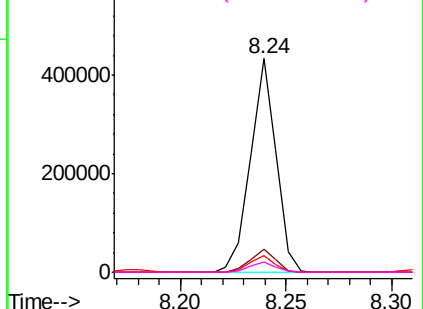
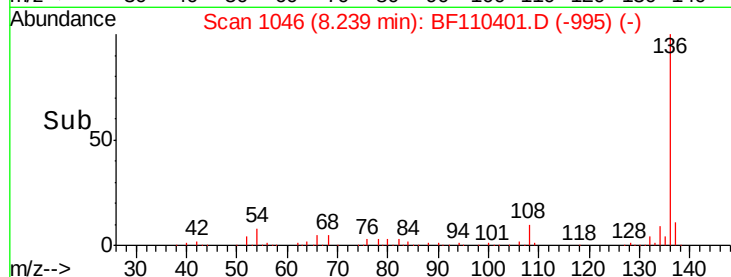
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	368383
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.8 13.2
54	7.8	5.4 8.2
68	4.7	4.2 6.2

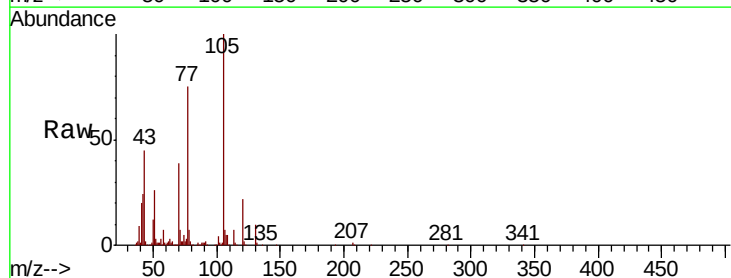


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

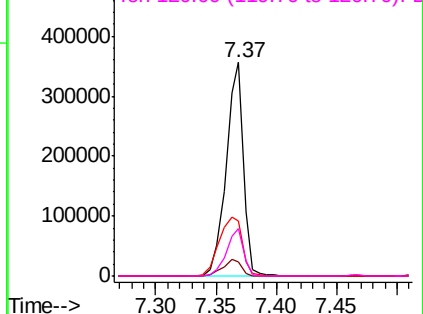
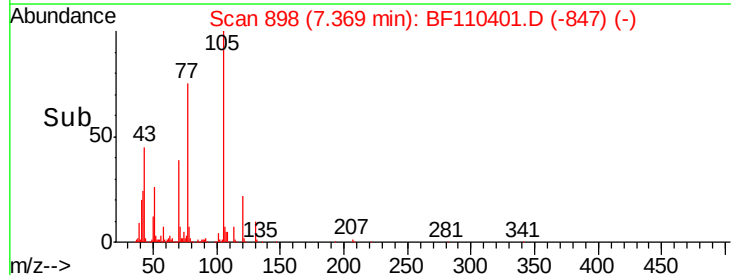


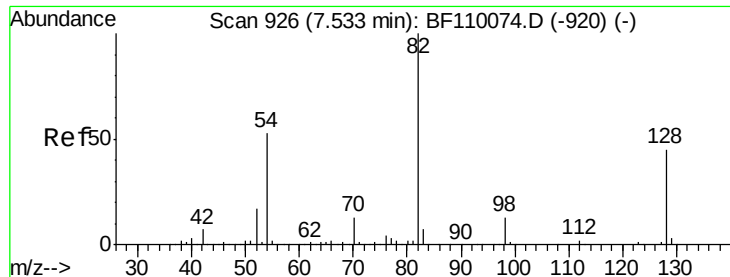
#22
Acetophenone
Concen: 41.333 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:105	Resp:	350846
Ion Ratio	Lower	Upper
105	100	
71	6.6	5.2 7.8
51	26.0	21.8 32.8
120	22.4	17.0 25.4



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

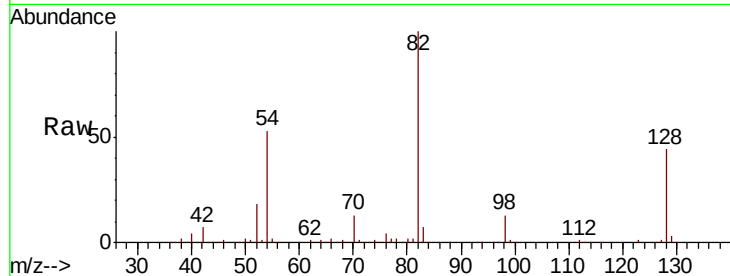




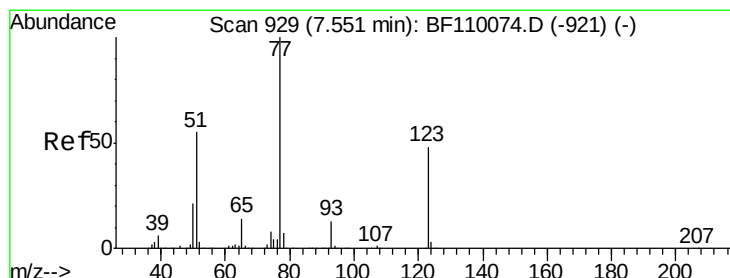
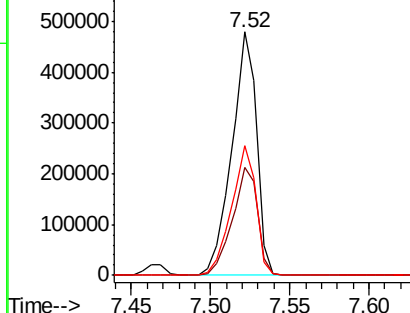
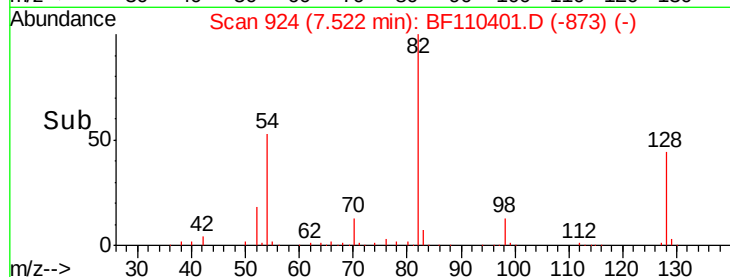
#23
 Nitrobenzene-d5
 Concen: 83.411 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 518047
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.2 51.2
 54 53.4 38.6 58.0

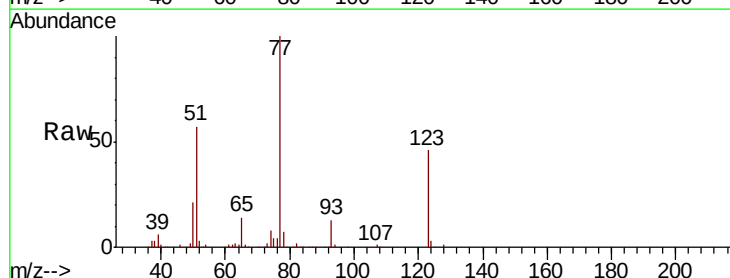


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

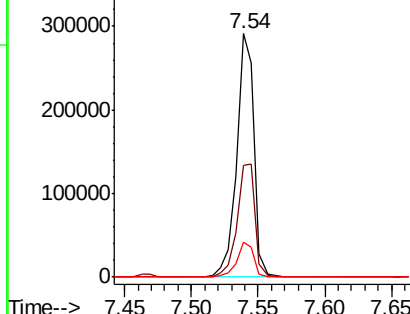
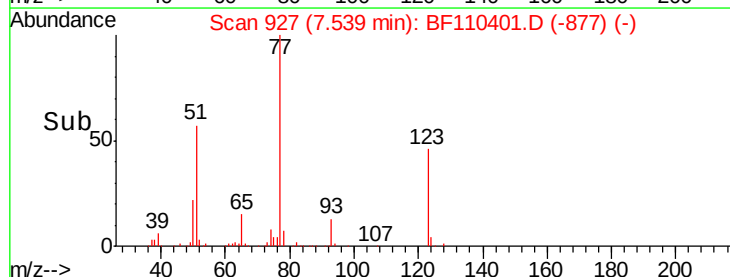


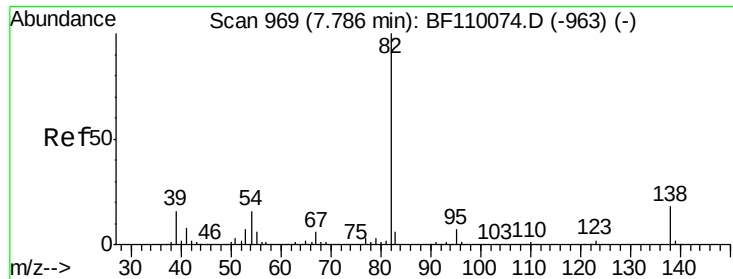
#24
 Nitrobenzene
 Concen: 41.374 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion: 77 Resp: 265299
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.7 53.5
 65 14.5 10.7 16.1



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

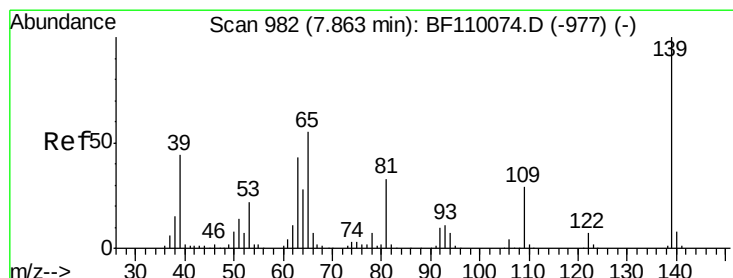
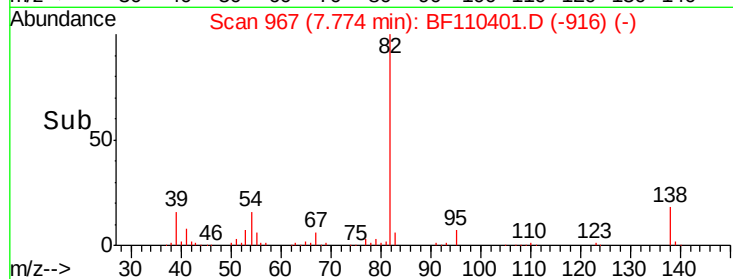
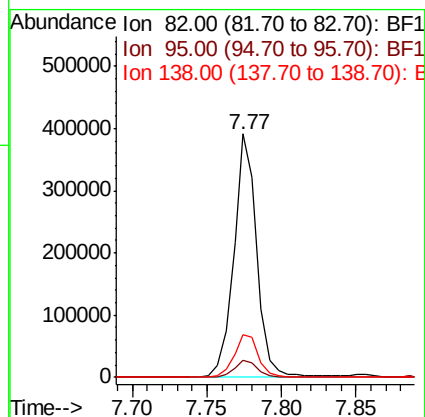
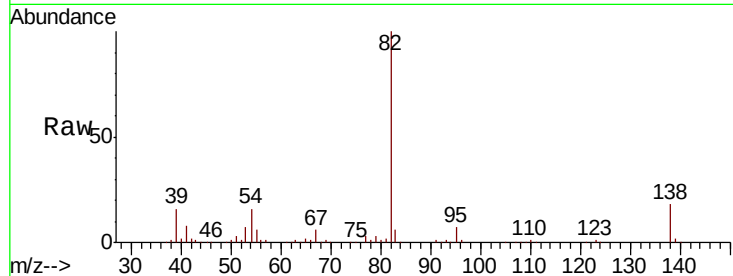




#25
Isophorone
Concen: 40.059 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

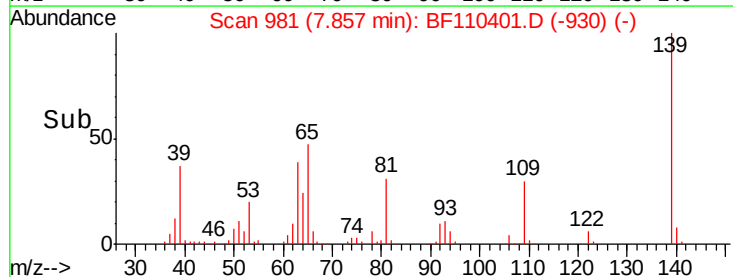
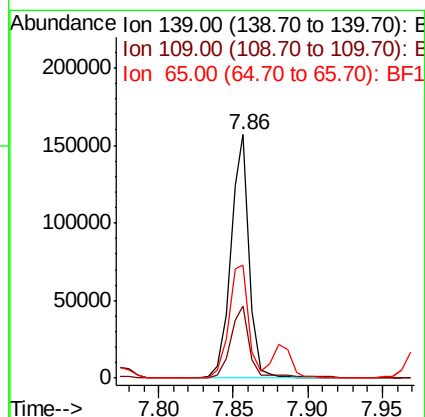
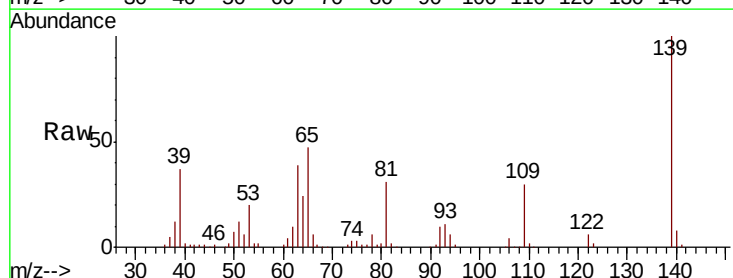
Instrument :
BNA_F
ClientSampleId :

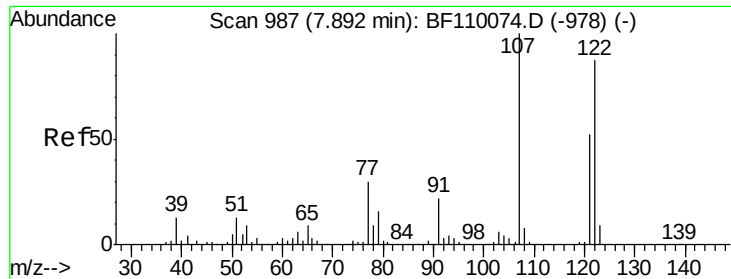
Tot Ion: 82 Resp: 424109
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.6 13.2 19.8



#26
2-Nitrophenol
Concen: 44.709 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion: 139 Resp: 136424
Ion Ratio Lower Upper
139 100
109 29.6 25.0 37.6
65 46.5 44.0 66.0

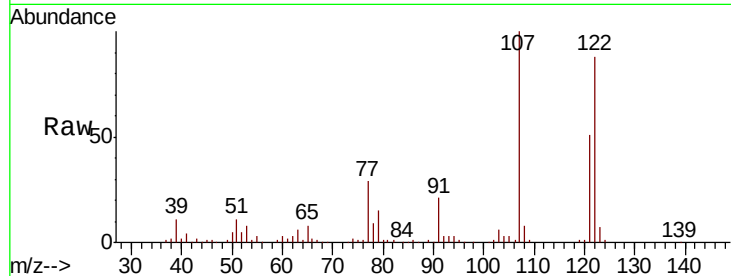




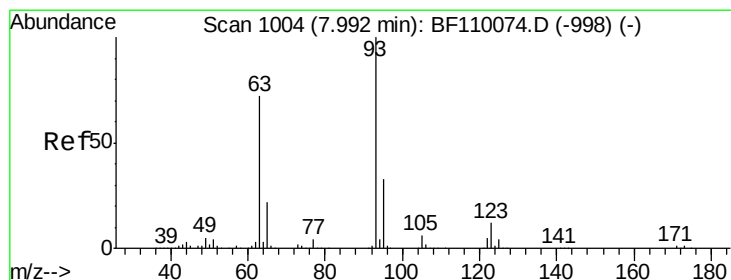
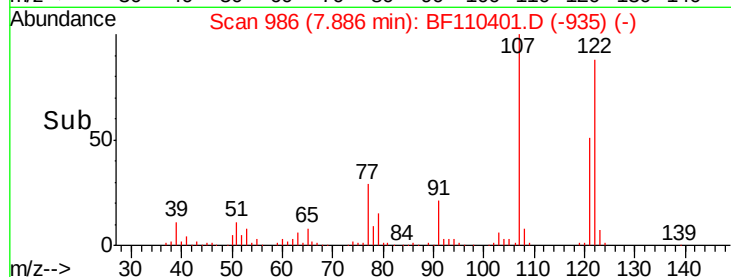
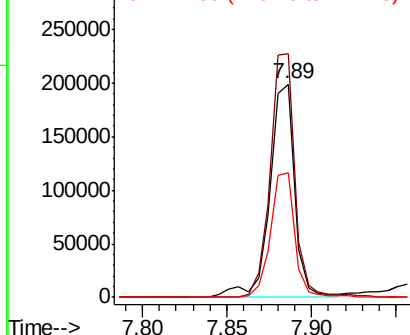
#27
2,4-Dimethylphenol
Concen: 39.916 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 201934
Ion Ratio Lower Upper
122 100
107 114.2 92.5 138.7
121 58.6 45.8 68.8

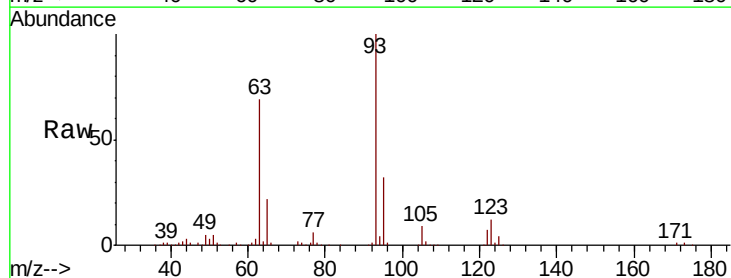


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

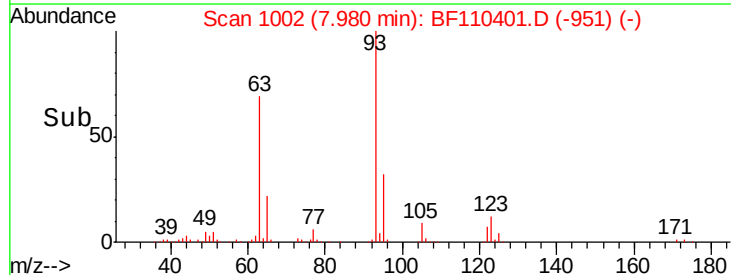
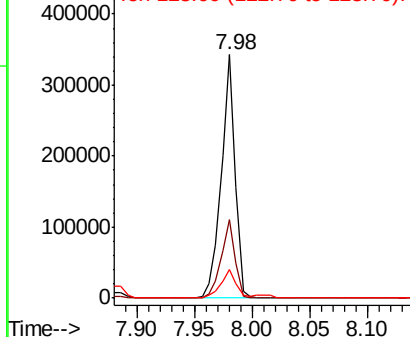


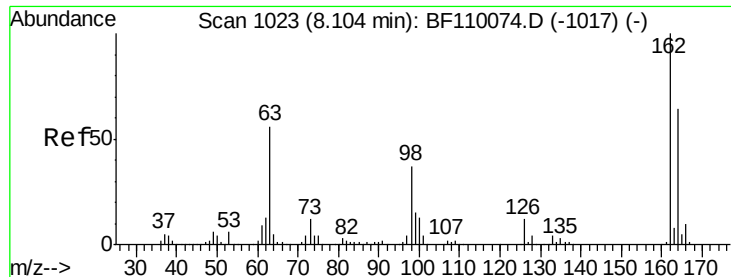
#28
bis(2-Chloroethoxy)methane
Concen: 40.068 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion: 93 Resp: 288174
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.8 9.0 13.6



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

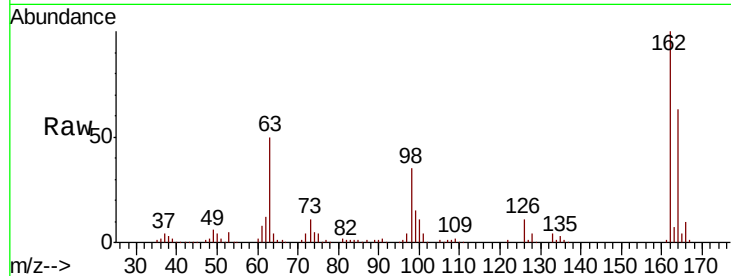




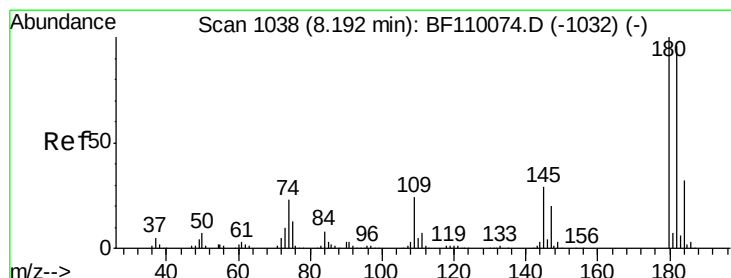
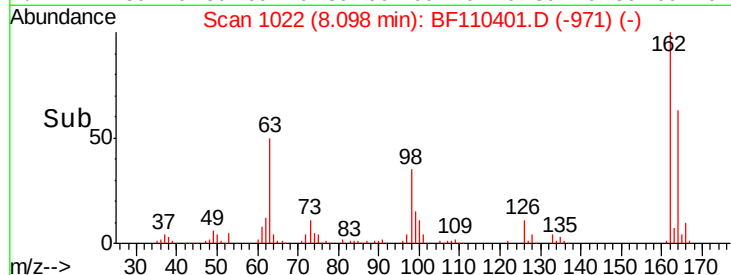
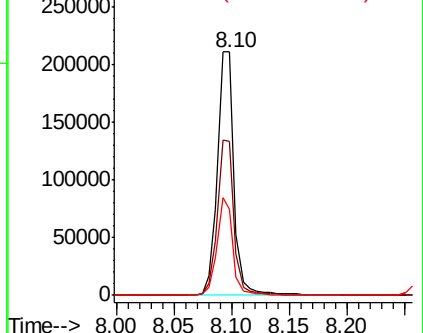
#29
 2,4-Dichlorophenol
 Concen: 41.726 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	35.3	17.4	57.4

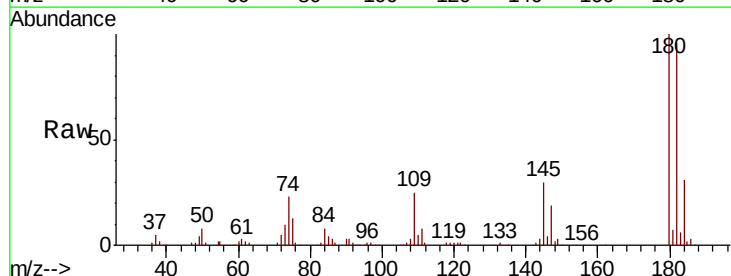


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

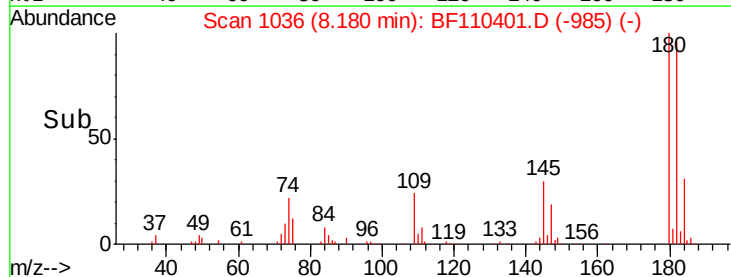
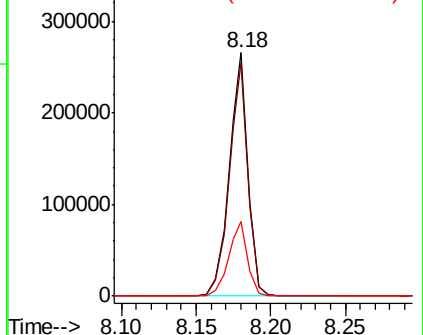


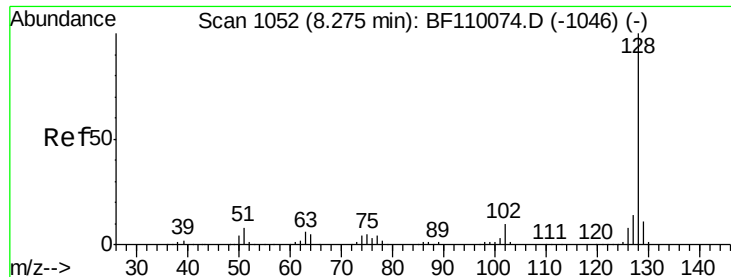
#30
 1,2,4-Trichlorobenzene
 Concen: 41.003 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	80.3	120.5
145	30.4	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

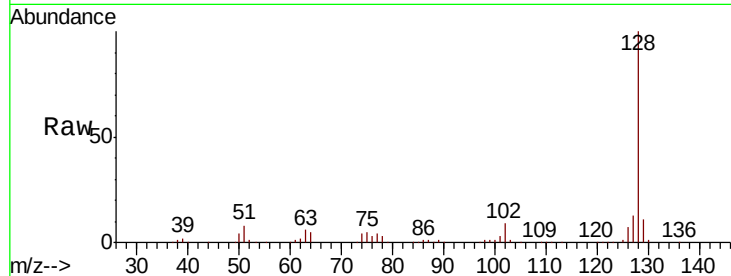




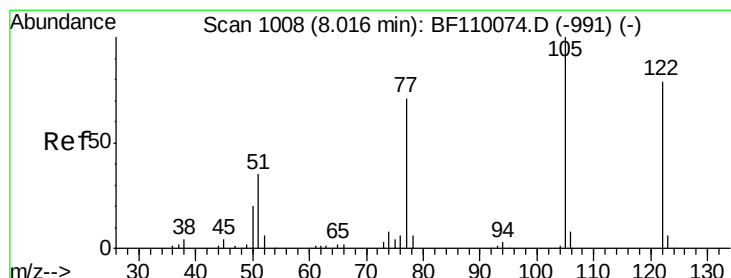
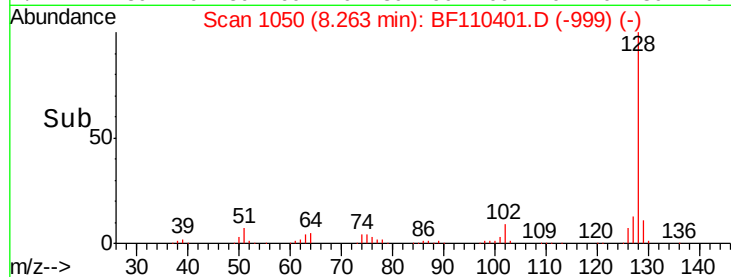
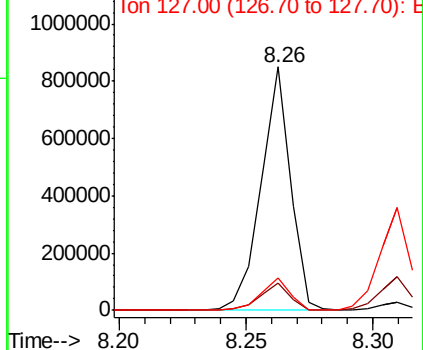
#31
Naphthalene
Concen: 40.557 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 688585
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.8 16.2

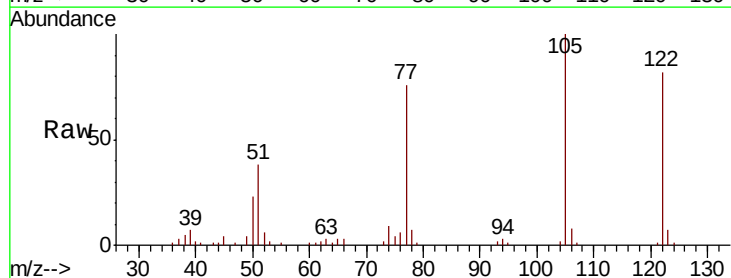


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

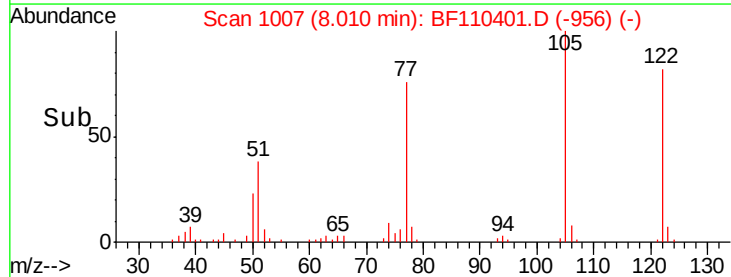
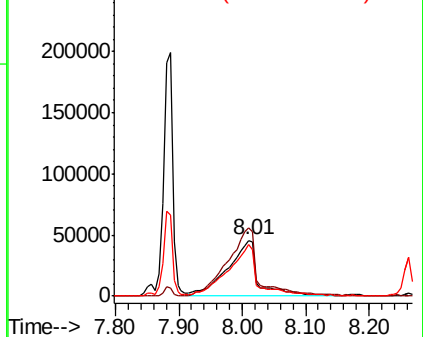


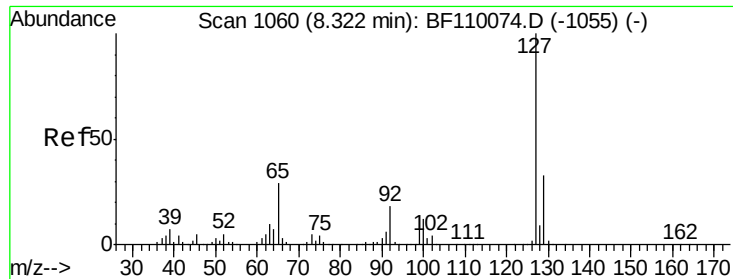
#32
Benzoic acid
Concen: 37.390 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:122 Resp: 146194
Ion Ratio Lower Upper
122 100
105 122.1 109.0 149.0
77 92.7 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

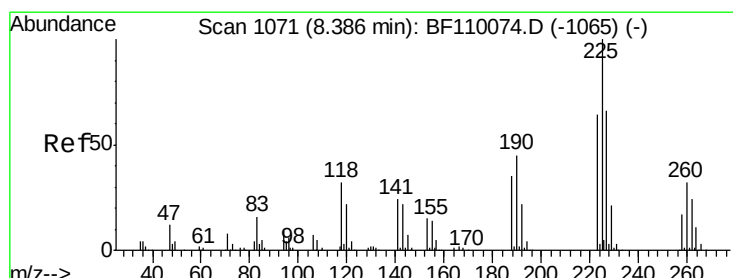
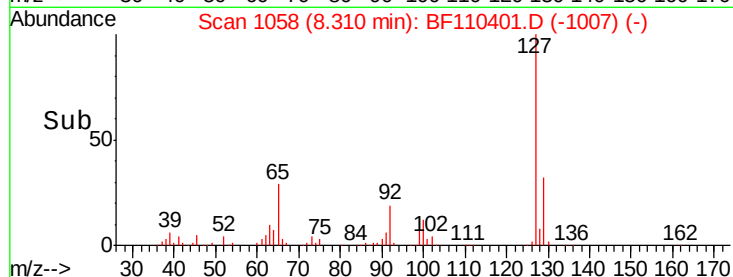
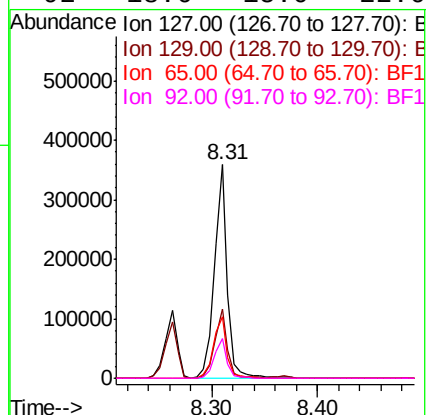
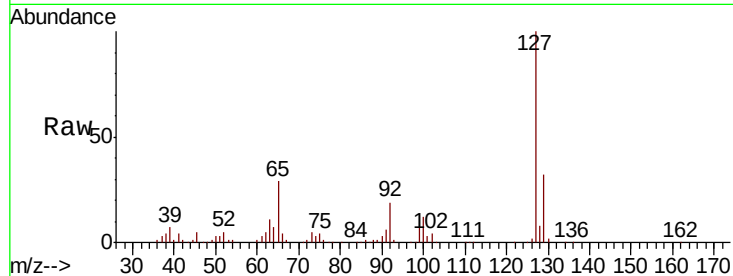




#33
4-Chloroaniline
Concen: 40.314 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

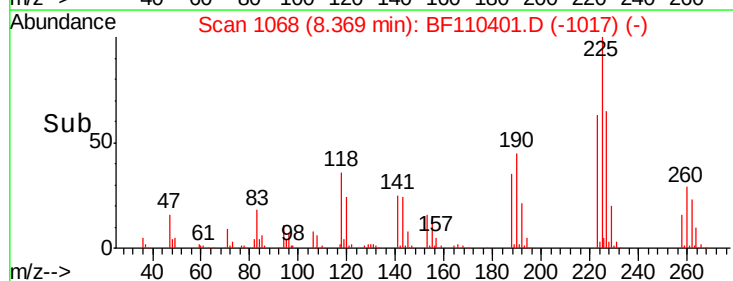
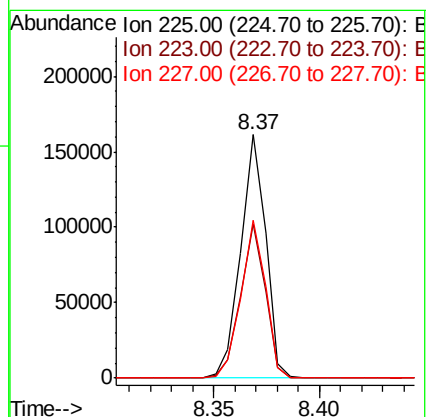
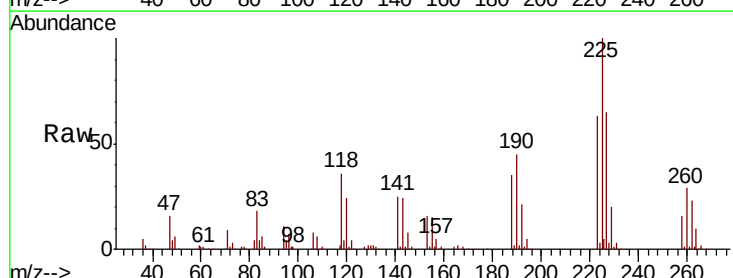
Instrument :
BNA_F
ClientSampled :

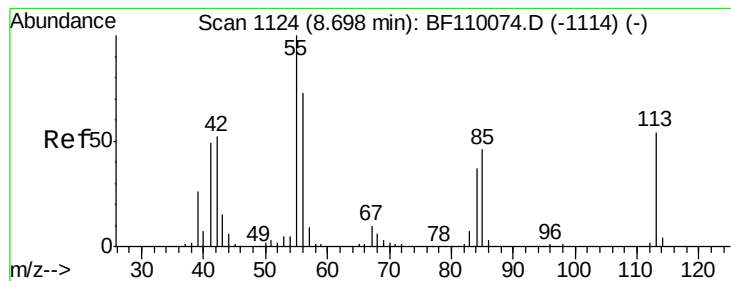
Tot Ion:	127	Resp:	308051
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	29.1	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 41.527 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:	225	Resp:	132002
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	64.6	51.0	76.6





#35

Caprolactam

Concen: 39.812 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampled :

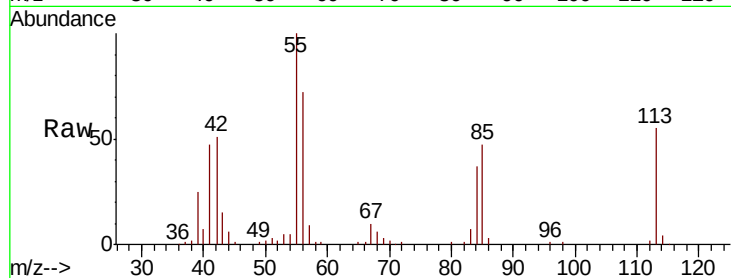
Tot Ion:113 Resp: 70922

Ion Ratio Lower Upper

113 100

55 181.7 142.8 182.8

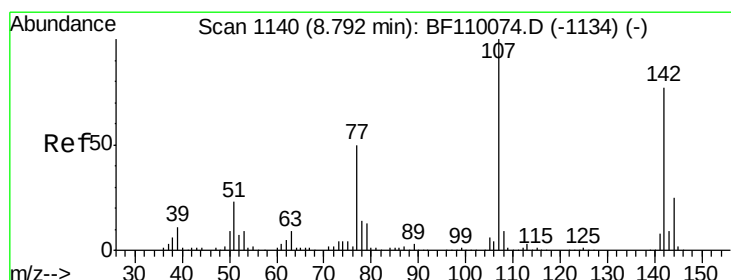
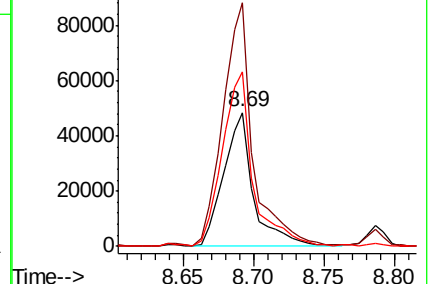
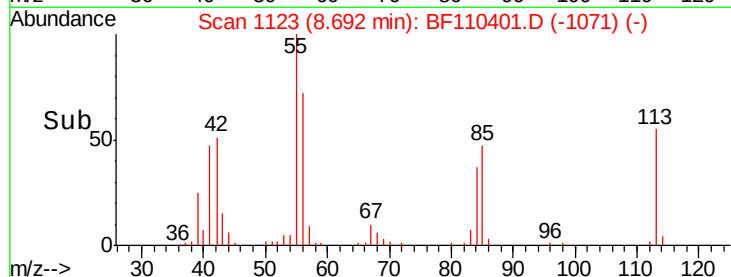
56 130.5 105.0 145.0



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: 41.279 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

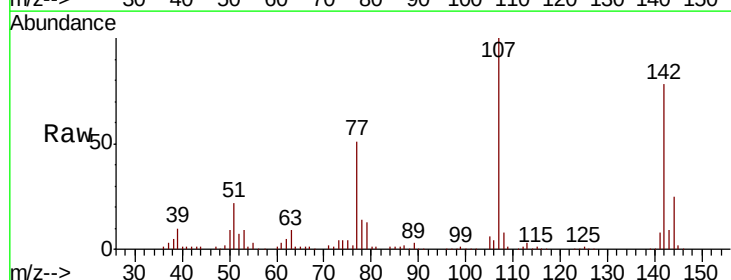
Tgt Ion:107 Resp: 228144

Ion Ratio Lower Upper

107 100

144 24.7 20.0 30.0

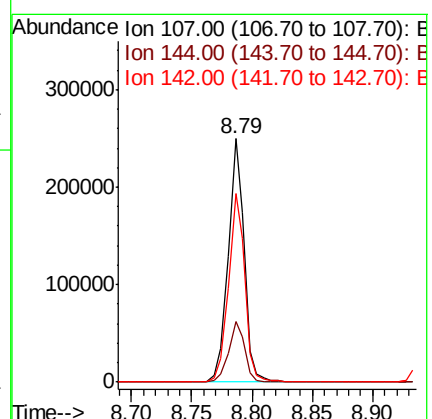
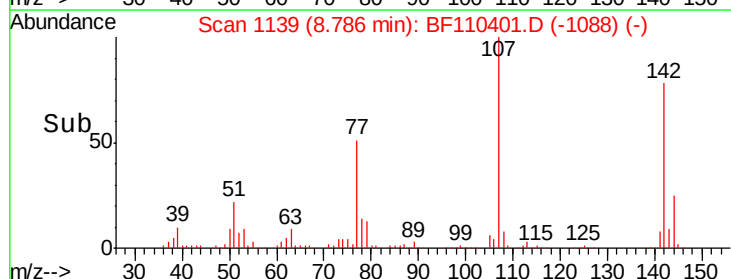
142 77.6 59.7 89.5

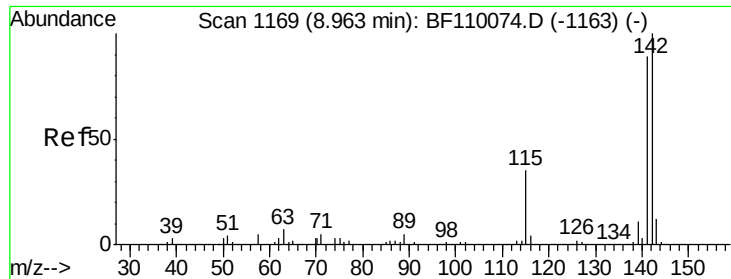


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

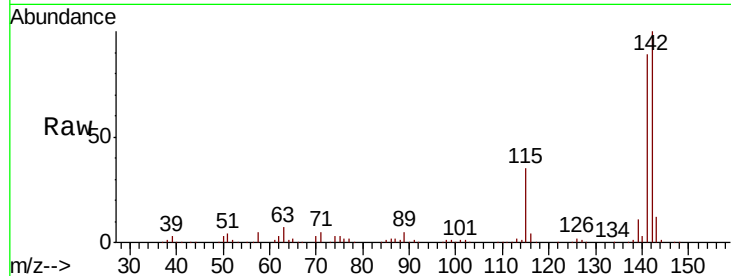




#37
 2-Methylnaphthalene
 Concen: 40.974 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.0	28.7	43.1

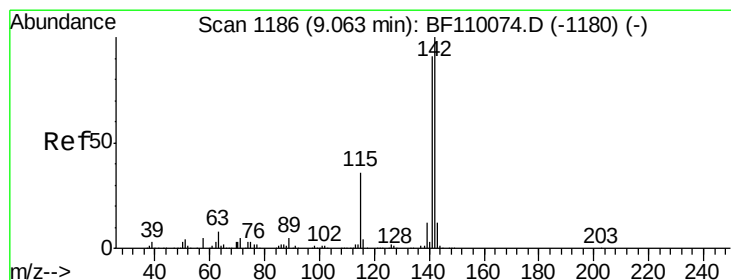
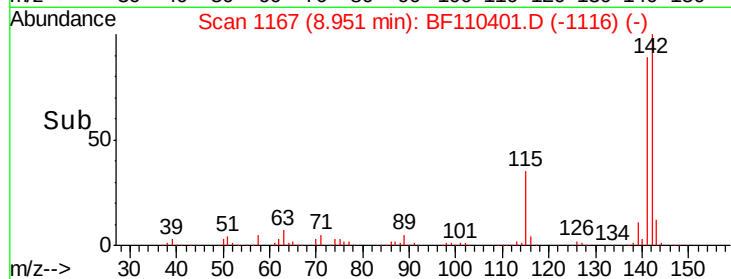
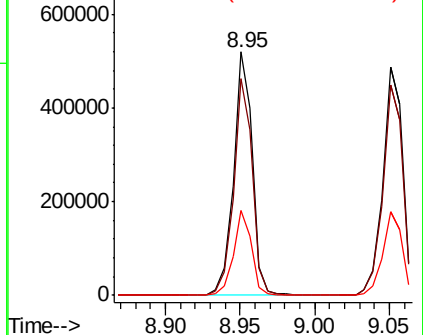


Abundance

Ion 142.00 (141.70 to 142.70): E

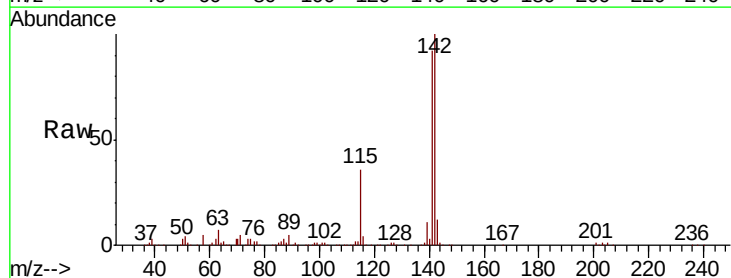
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 40.636 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.2	111.4
116	3.9	2.6	4.0

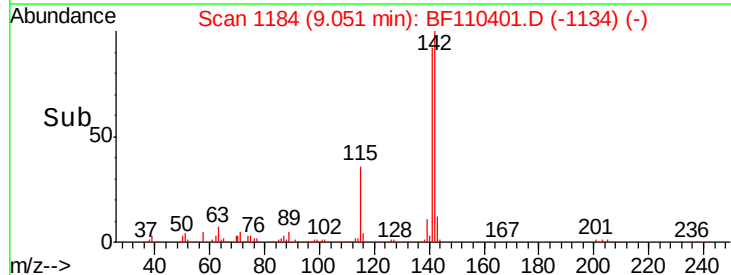
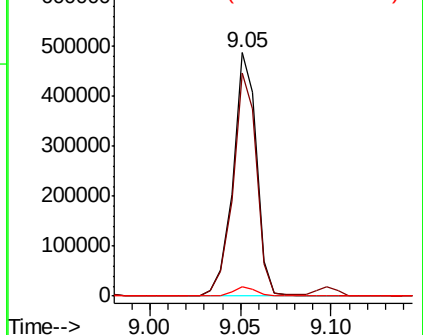


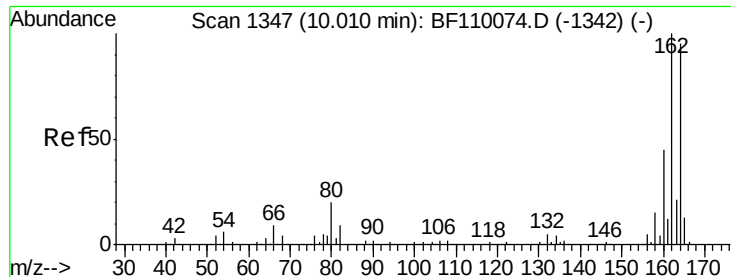
Abundance

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# 1345

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

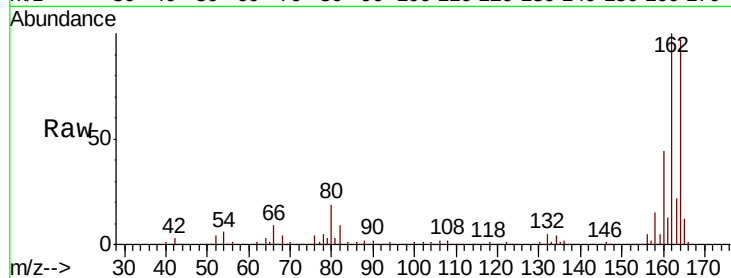
Tot Ion:164 Resp: 175722

Ion Ratio Lower Upper

164 100

162 103.5 83.0 124.6

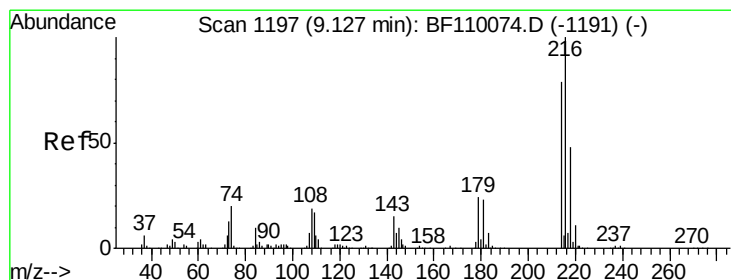
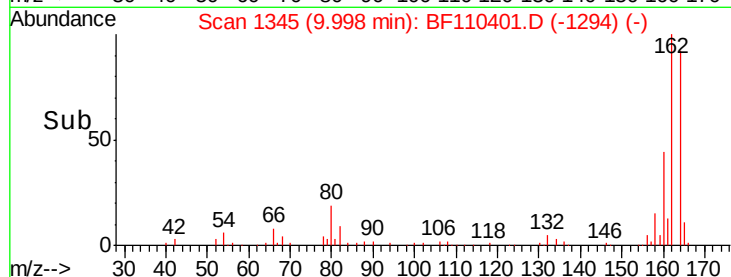
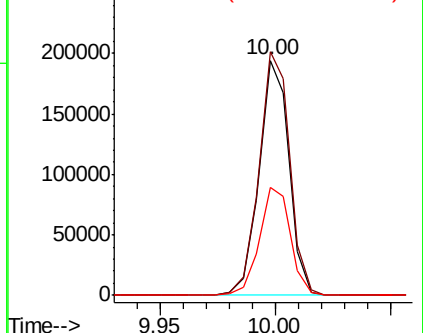
160 45.8 37.0 55.6



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: 40.826 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Tgt Ion:216 Resp: 223526

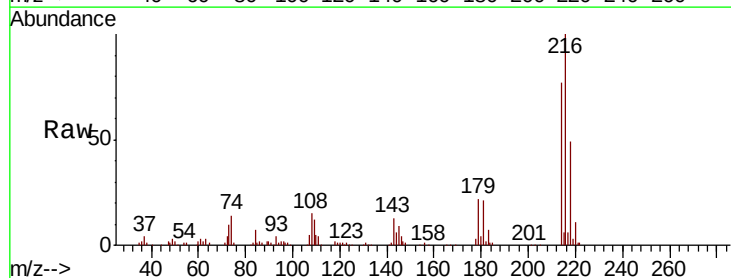
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 23.2 16.6 25.0

108 20.0 15.1 22.7

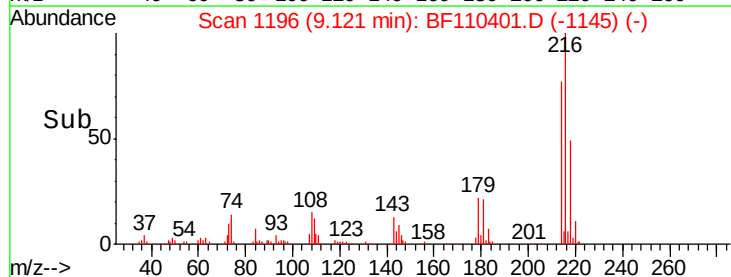
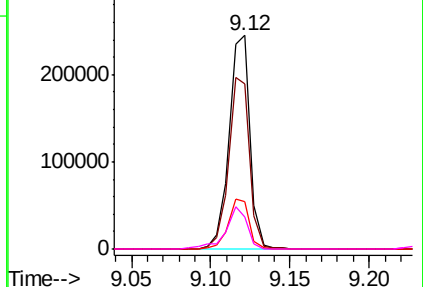


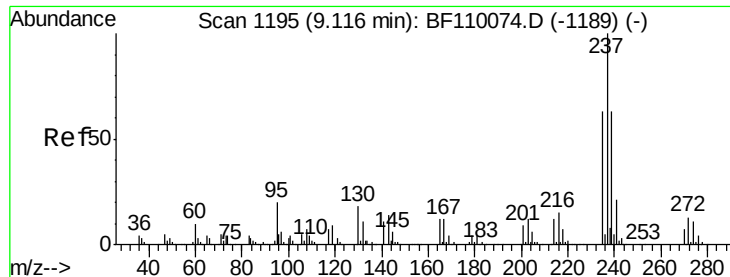
Abundance Ion 216.00 (215.70 to 216.70): E

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

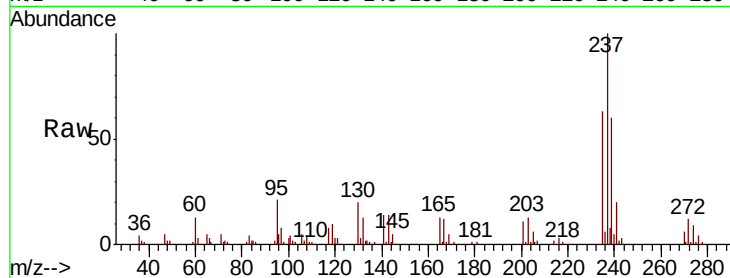




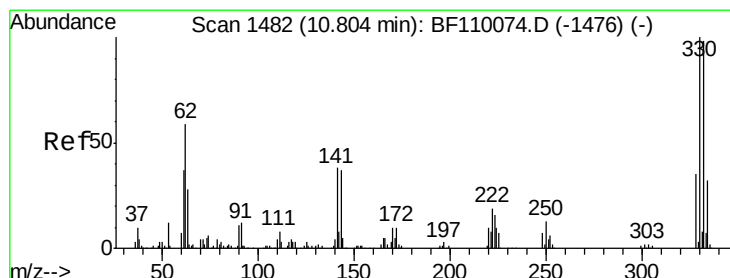
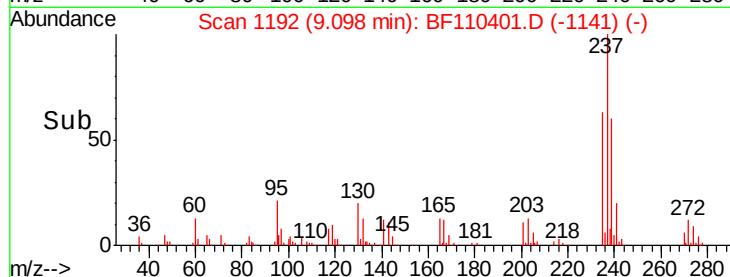
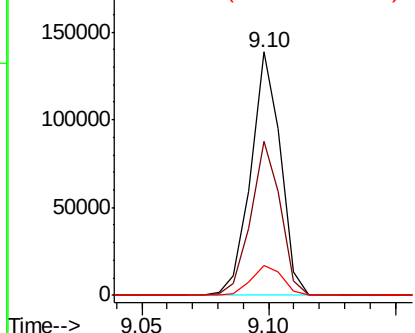
#41
Hexachlorocyclopentadiene
Concen: 40.313 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 112861
Ion Ratio Lower Upper
237 100
235 63.0 43.1 83.1
272 12.0 0.0 32.6

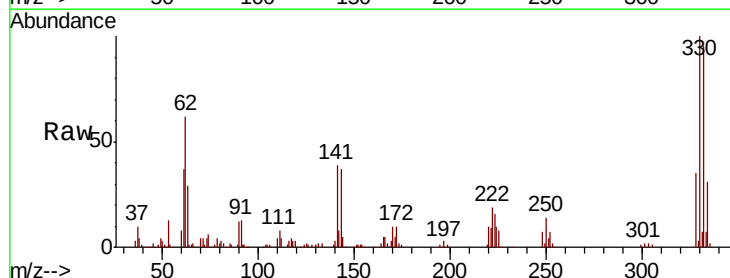


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

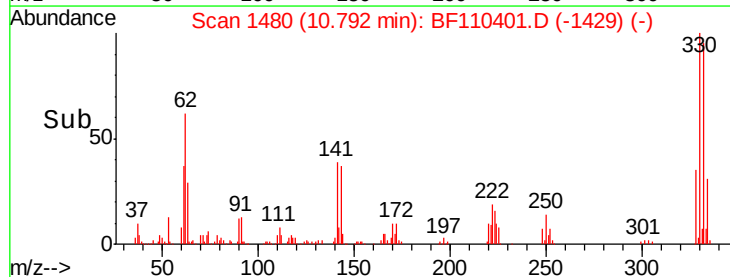
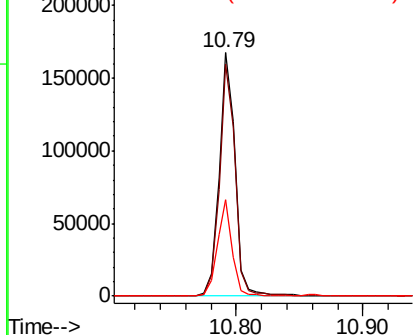


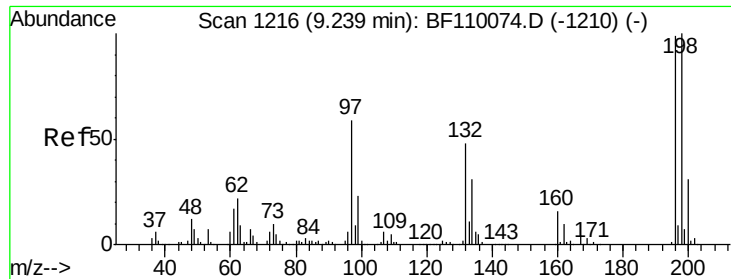
#42
2,4,6-Tribromophenol
Concen: 85.313 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:330 Resp: 148500
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 37.0 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

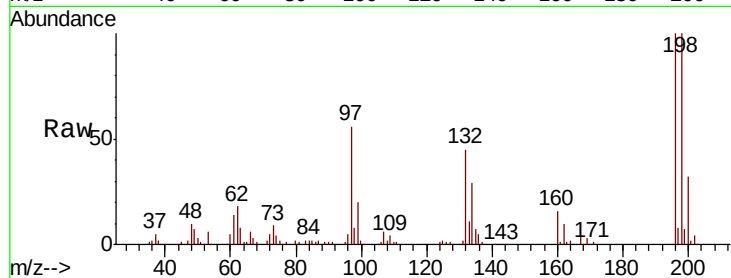




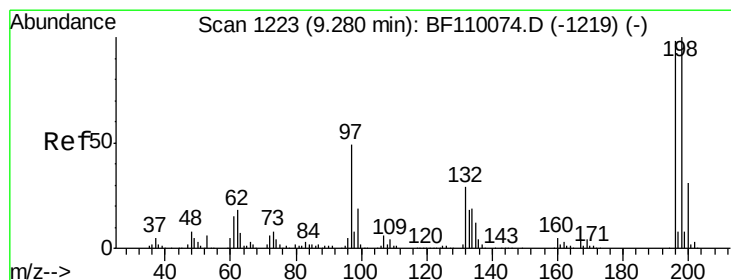
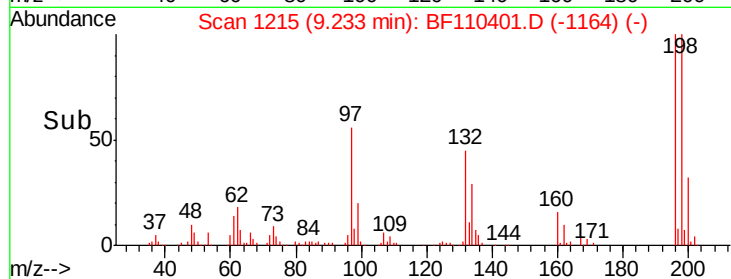
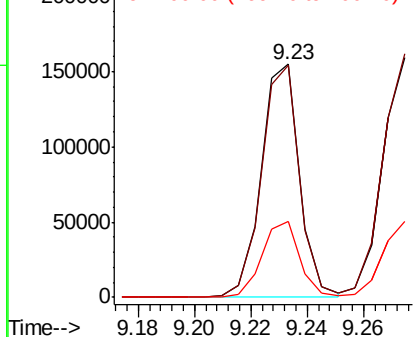
#43
 2,4,6-Trichlorophenol
 Concen: 41.278 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 145770
 Ion Ratio Lower Upper
 196 100
 198 100.0 76.2 114.4
 200 32.5 24.4 36.6



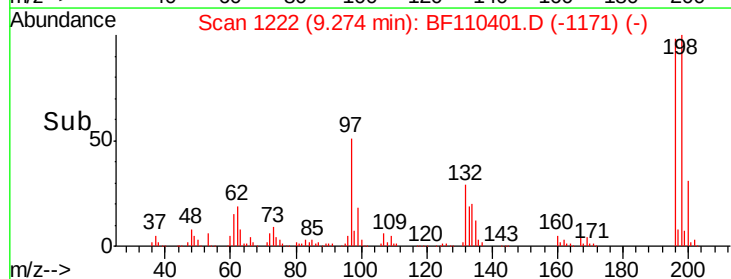
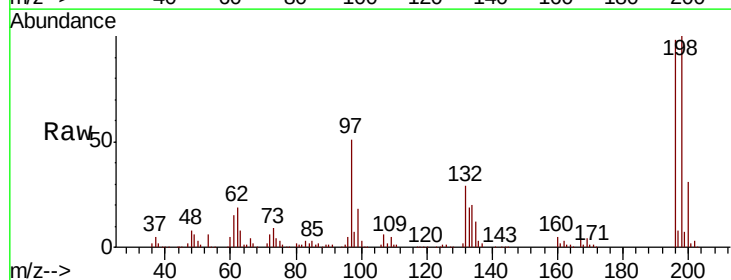
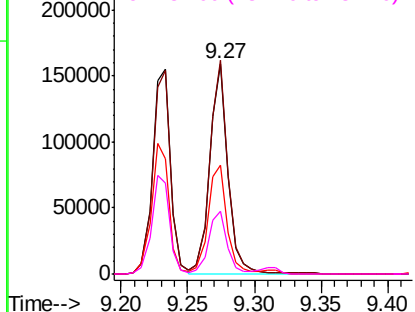
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

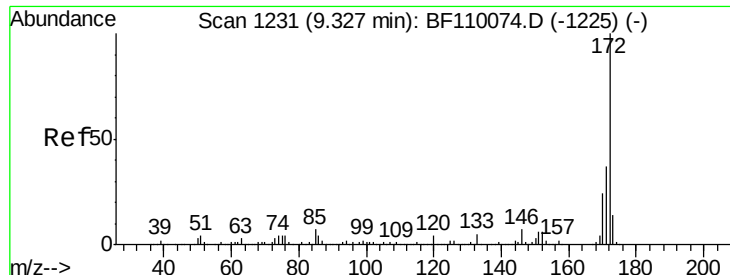


#44
 2,4,5-Trichlorophenol
 Concen: 40.583 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion:196 Resp: 151490
 Ion Ratio Lower Upper
 196 100
 198 101.5 75.8 113.6
 97 51.7 42.4 63.6
 132 29.8 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

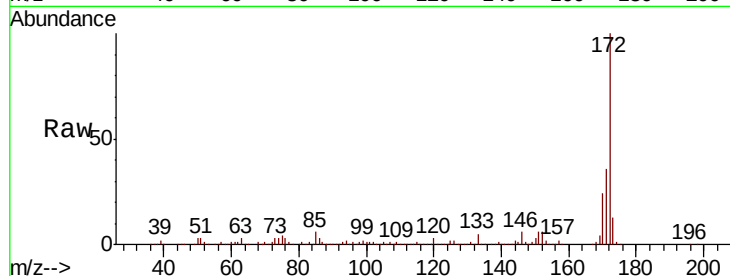




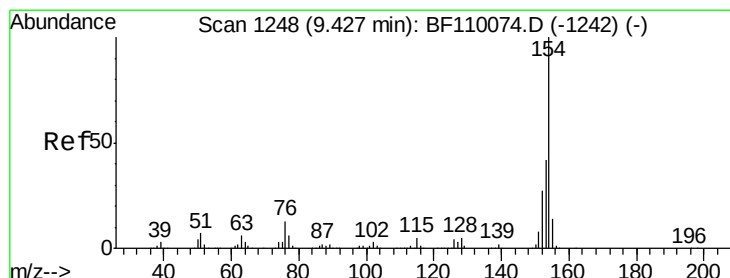
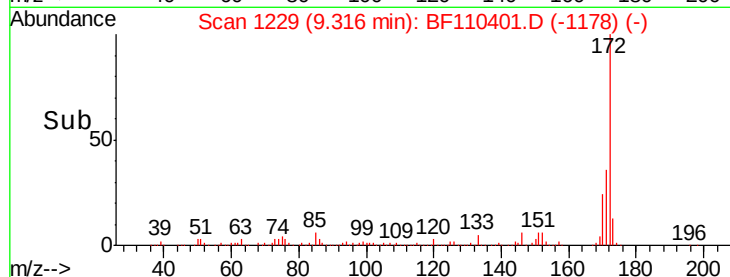
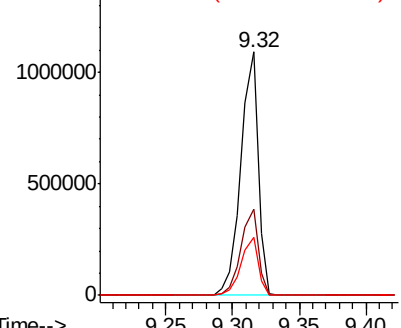
#45
2-Fluorobiphenyl
Concen: 86.669 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 969882
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.7 29.5

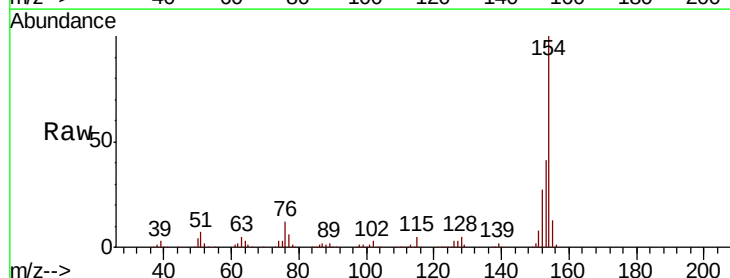


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

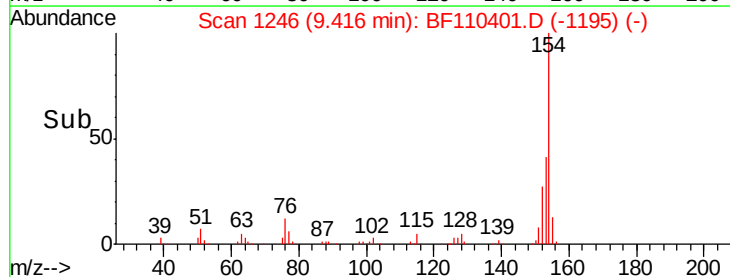
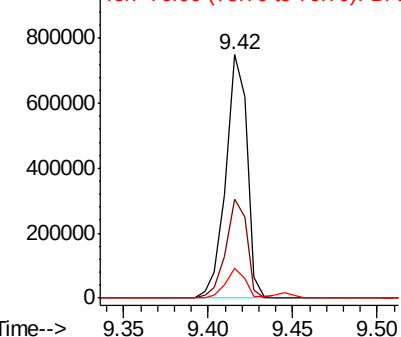


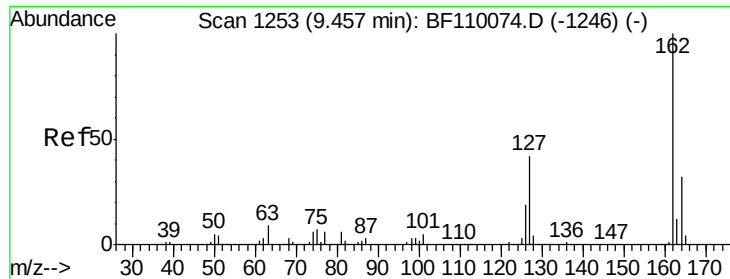
#46
1,1'-Biphenyl
Concen: 41.371 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:154 Resp: 657398
Ion Ratio Lower Upper
154 100
153 40.6 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

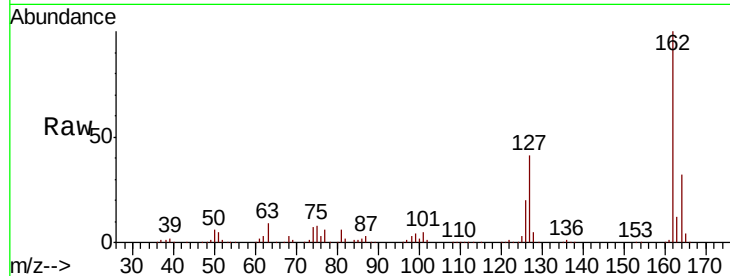




#47
 2-Chloronaphthalene
 Concen: 41.094 ng
 RT: 9.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	32.2	25.9	38.9

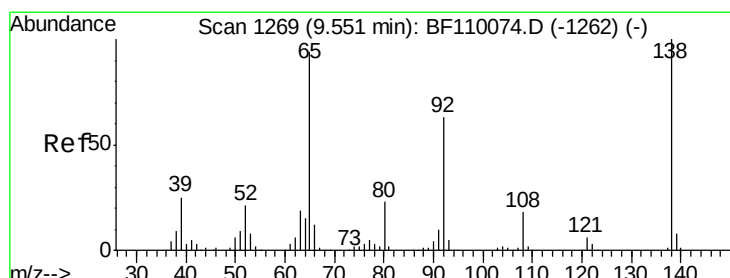
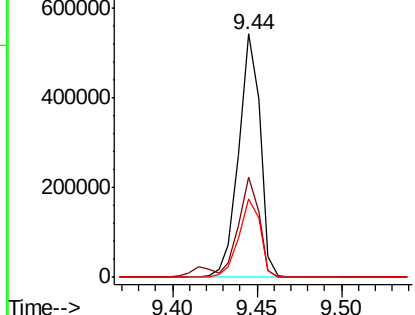
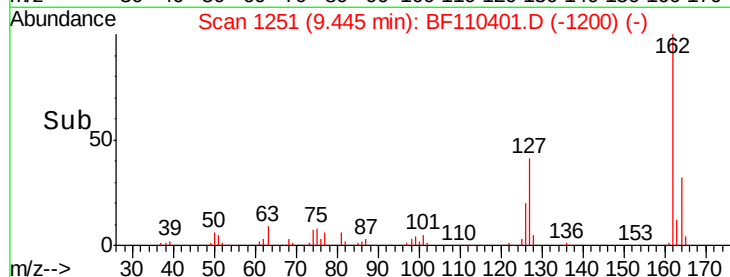


Abundance

Ion 162.00 (161.70 to 162.70): E

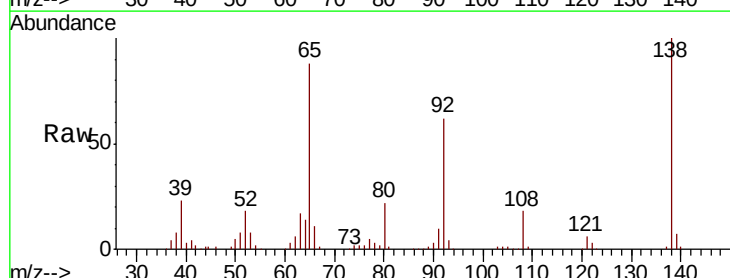
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.713 ng
 RT: 9.54 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	54.6	81.8
138	113.8	80.3	120.5

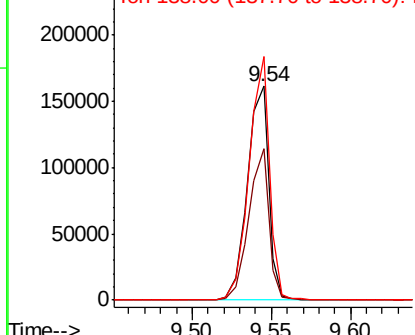
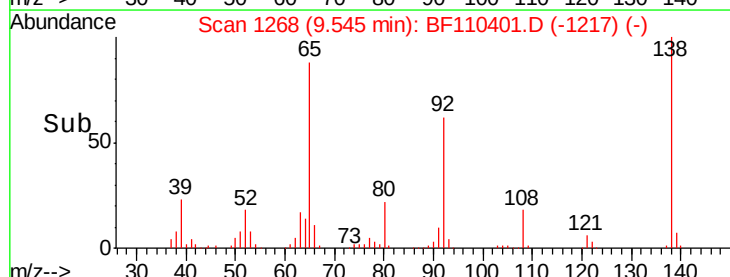


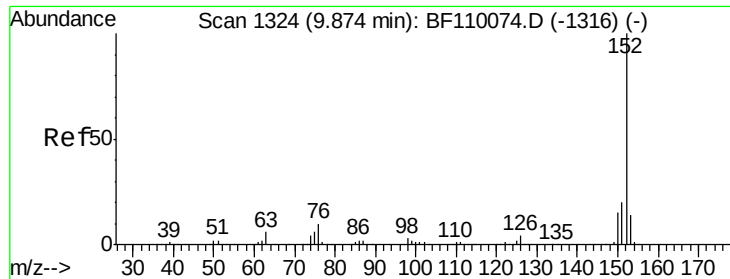
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.915 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

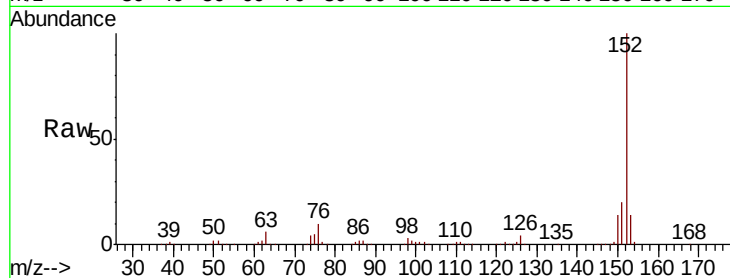
Tot Ion:152 Resp: 688822

Ion Ratio Lower Upper

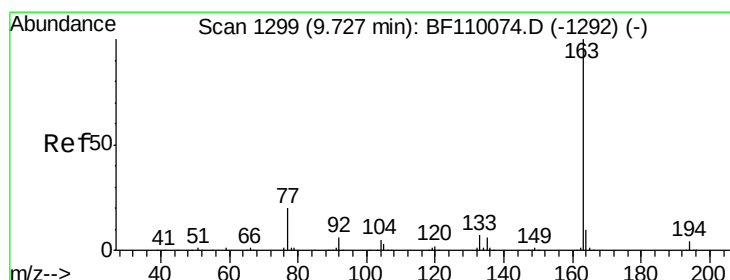
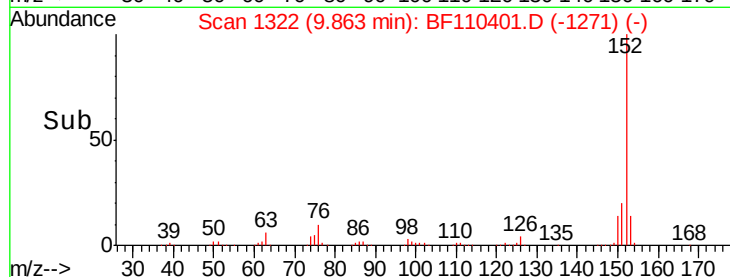
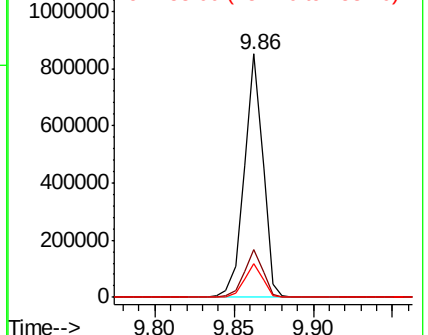
152 100

151 19.8 15.8 23.8

153 13.7 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: 41.477 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

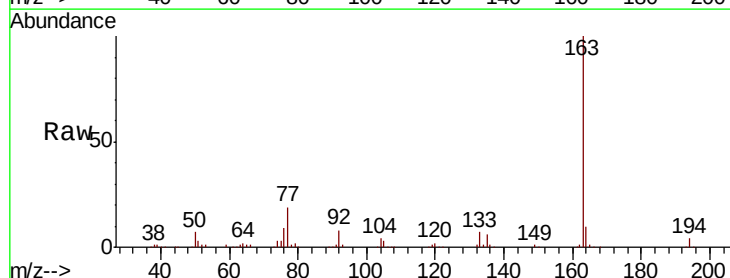
Tgt Ion:163 Resp: 538014

Ion Ratio Lower Upper

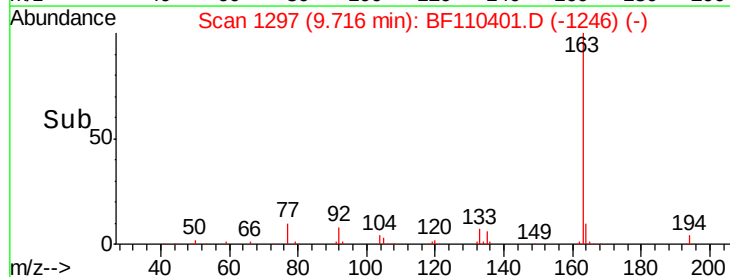
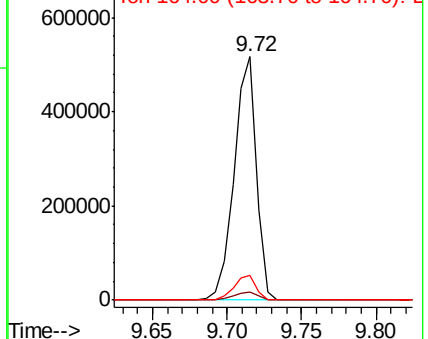
163 100

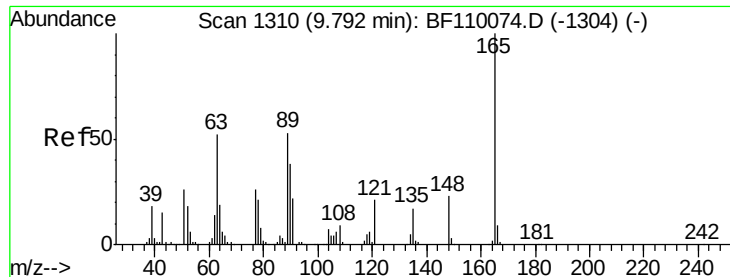
194 3.5 3.2 4.8

164 9.9 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: 43.078 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

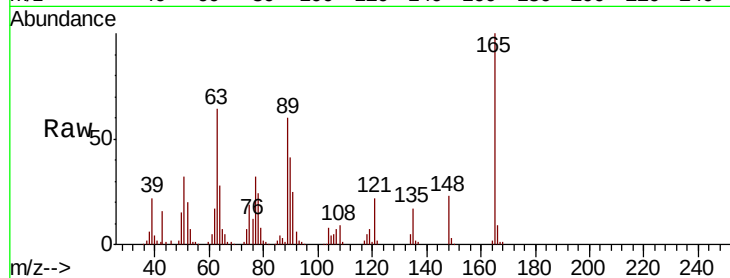
Tot Ion:165 Resp: 120363

Ion Ratio Lower Upper

165 100

63 64.2 48.9 73.3

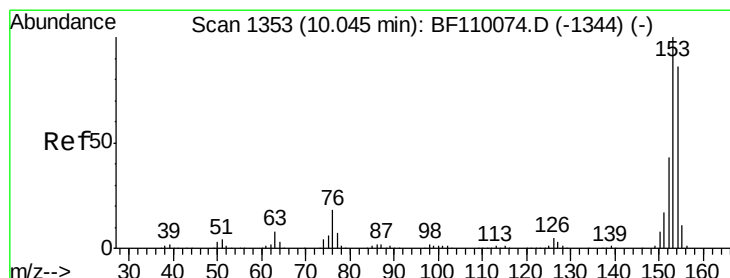
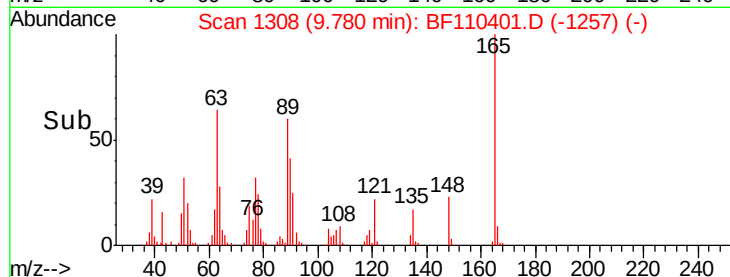
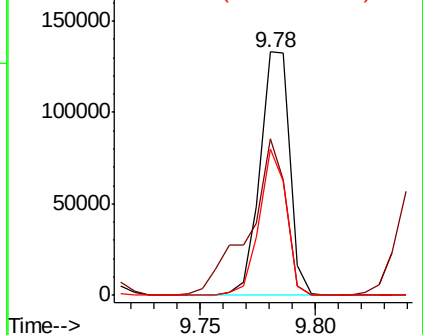
89 60.2 46.6 69.8



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: 39.069 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

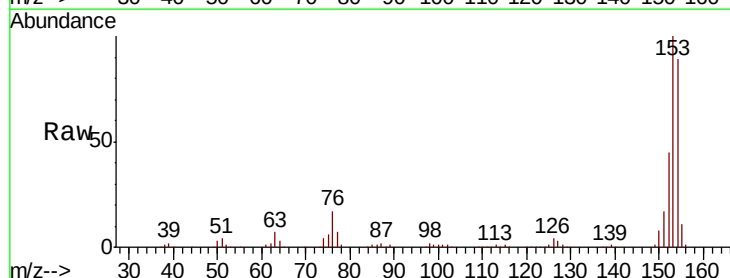
Tgt Ion:154 Resp: 435133

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

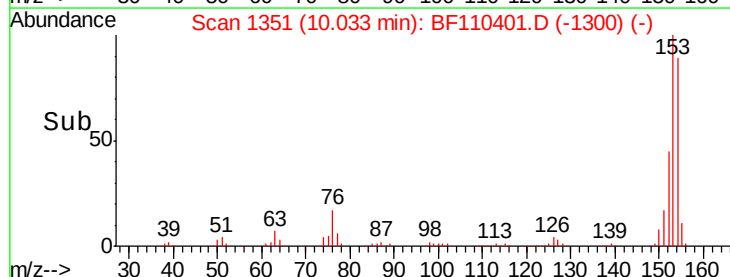
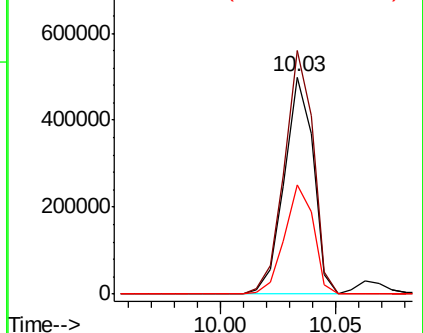
152 50.1 43.4 65.2

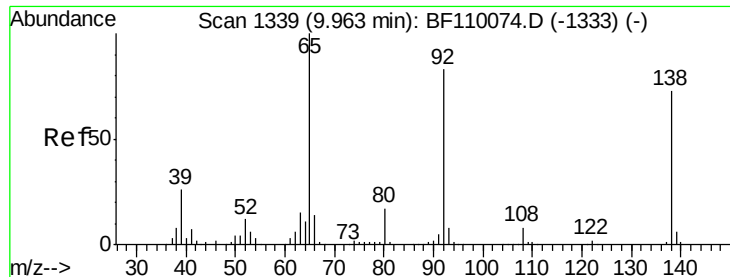


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

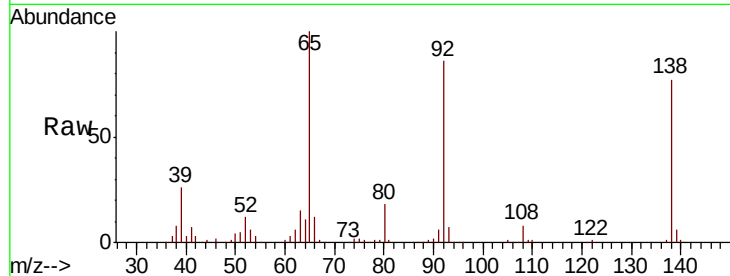




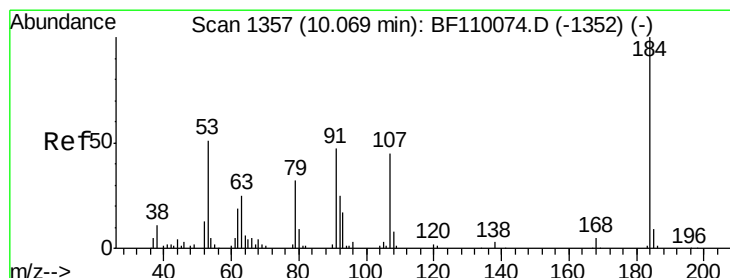
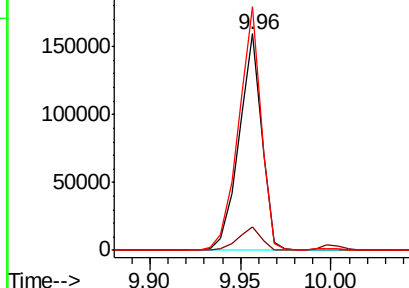
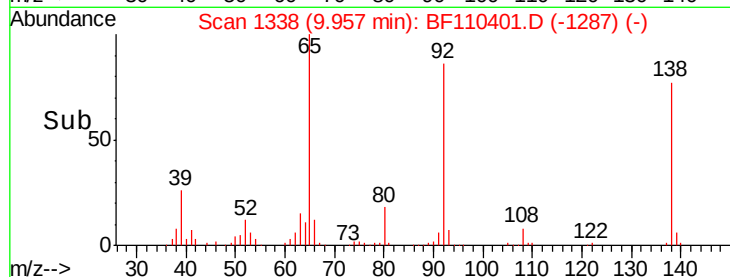
#53
3-Nitroaniline
Concen: 41.739 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 138685
Ion Ratio Lower Upper
138 100
108 10.7 8.7 13.1
92 112.4 97.0 145.4

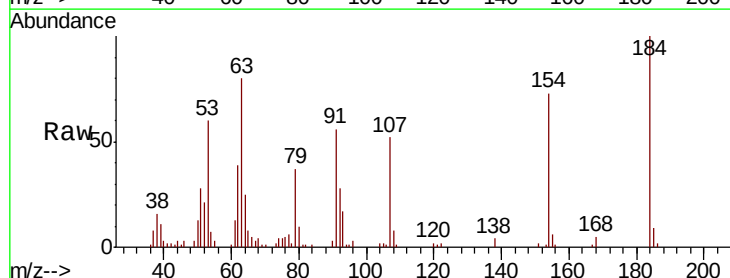


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

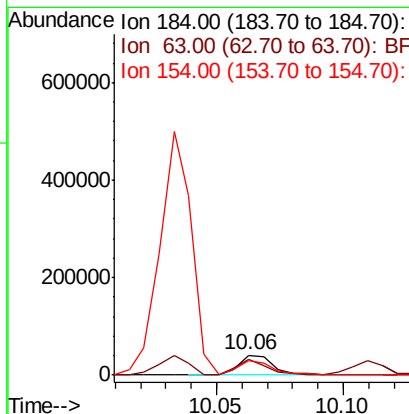
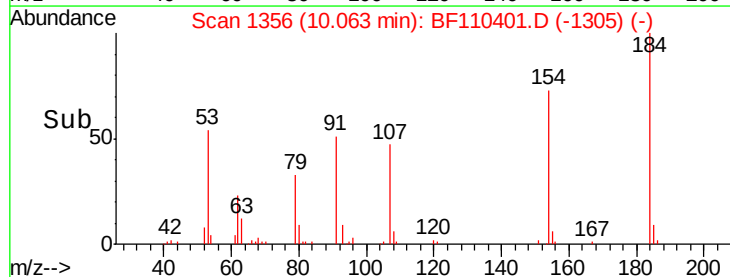


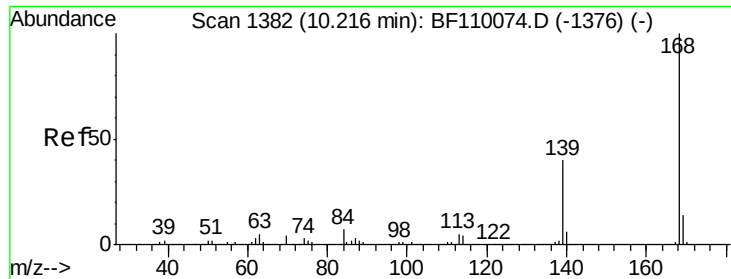
#54
2,4-Dinitrophenol
Concen: 39.292 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:184 Resp: 40449
Ion Ratio Lower Upper
184 100
63 79.5 55.8 83.6
154 72.9 63.2 94.8



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

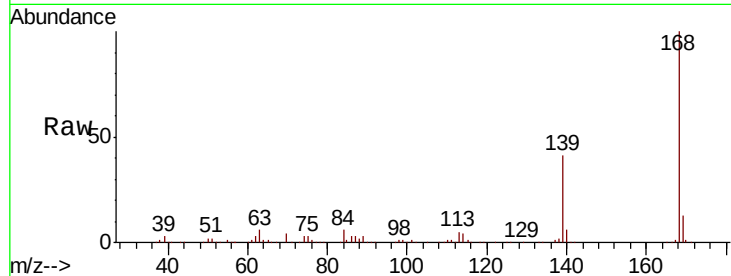




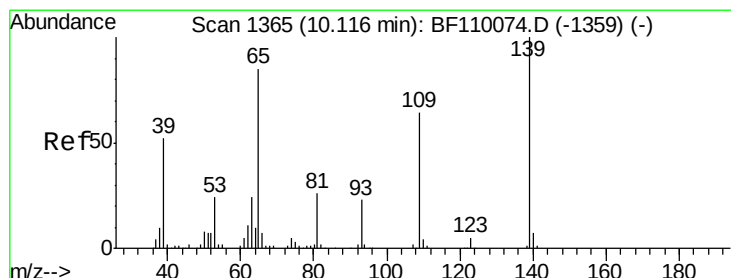
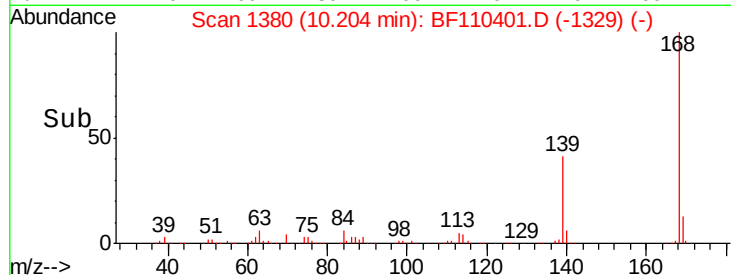
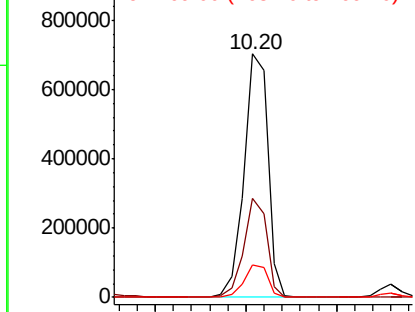
#55
Dibenzenofuran
Concen: 41.153 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 641721
Ion Ratio Lower Upper
168 100
139 40.8 33.0 49.6
169 13.4 11.3 16.9

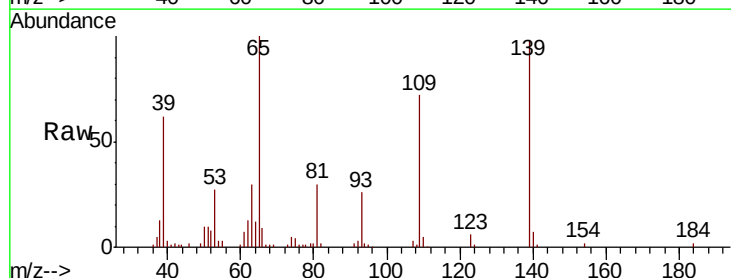


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

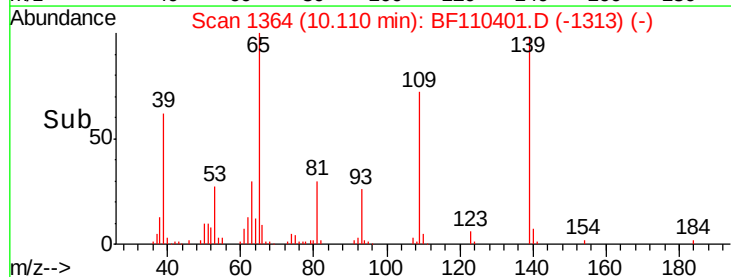
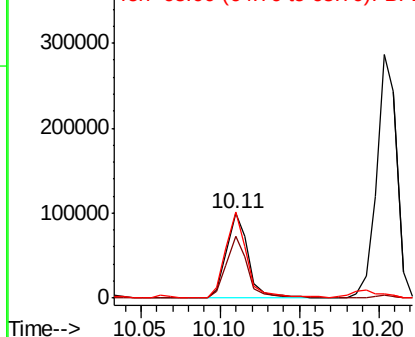


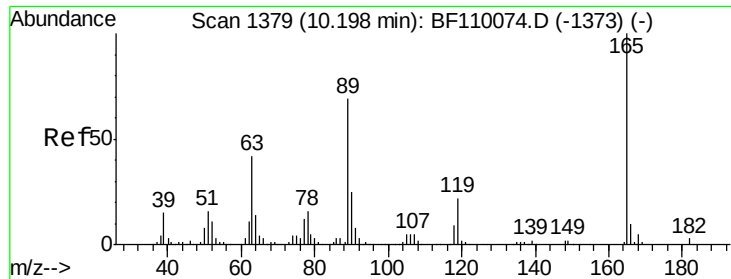
#56
4-Nitrophenol
Concen: 39.168 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:139 Resp: 96321
Ion Ratio Lower Upper
139 100
109 73.1 55.8 95.8
65 102.1 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

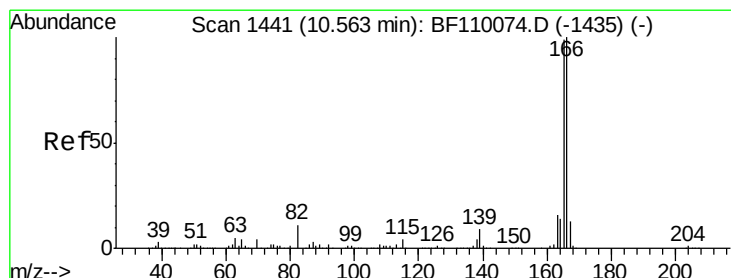
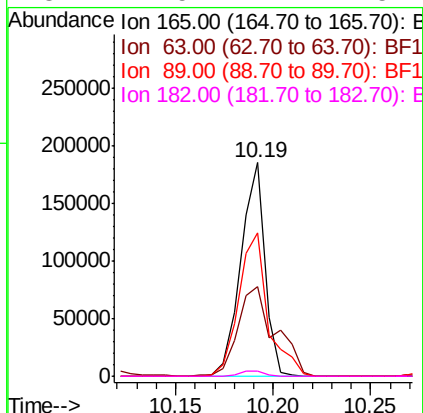
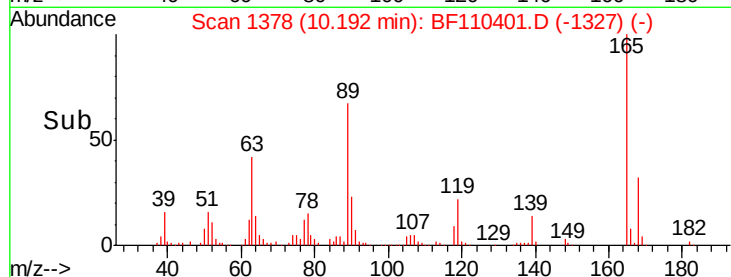
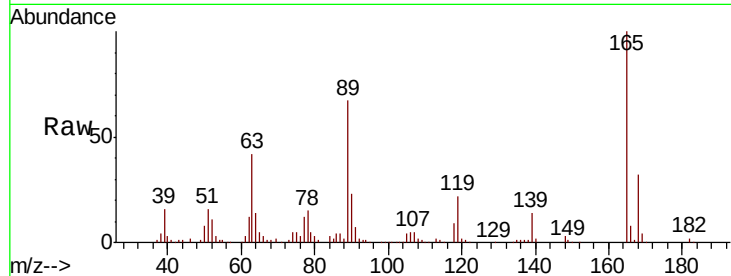




#57
2,4-Dinitrotoluene
Concen: 44.637 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

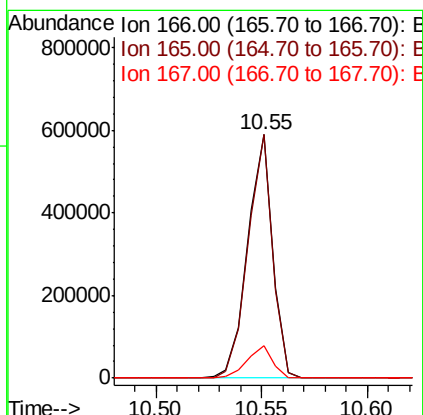
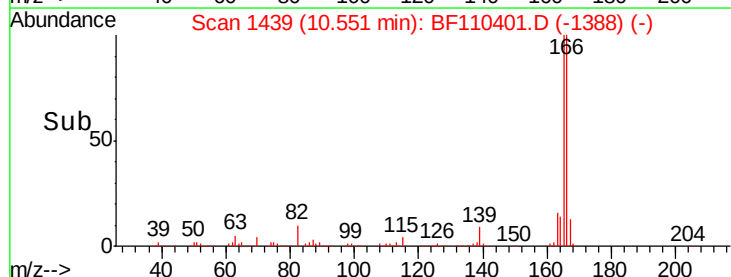
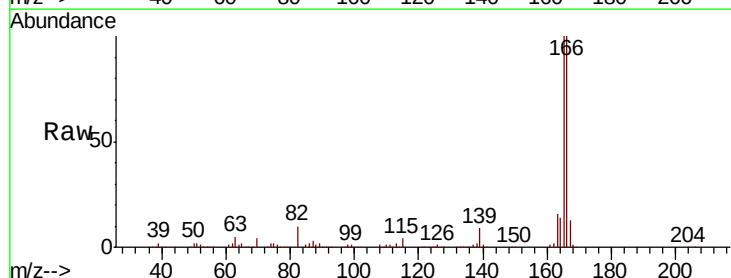
Instrument :
BNA_F
ClientSampleId :

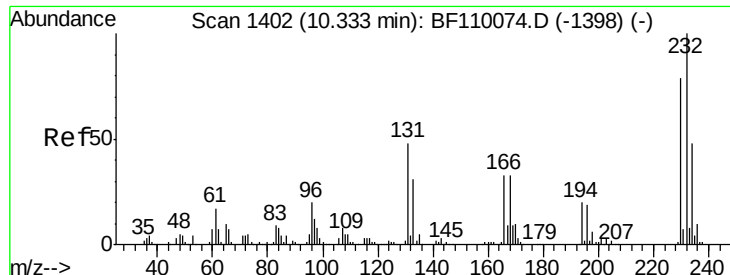
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	44.8	67.2#
89	67.2	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 41.787 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	13.2	10.8	16.2

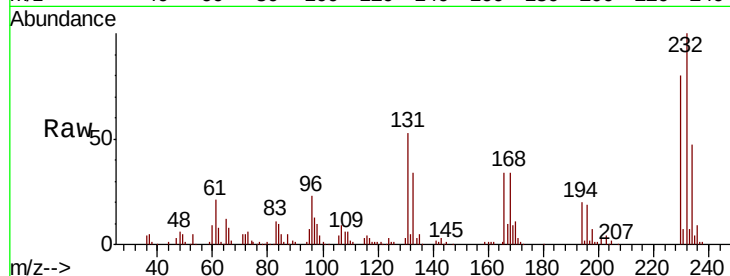




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.484 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.0	55.4
130	2.5	1.8	2.6
166	31.9	22.0	33.0



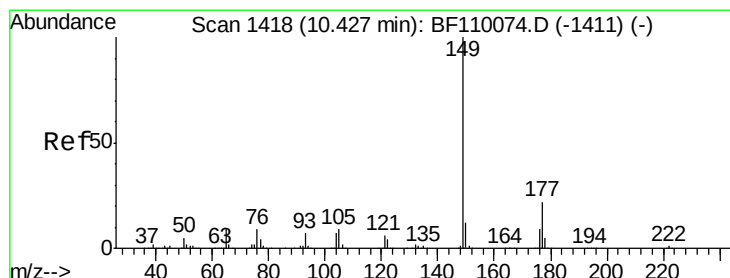
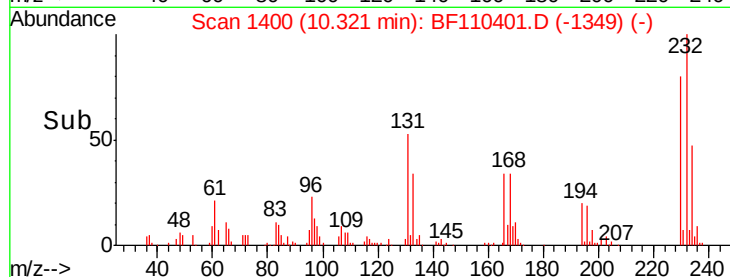
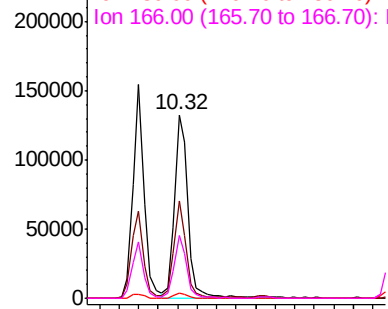
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

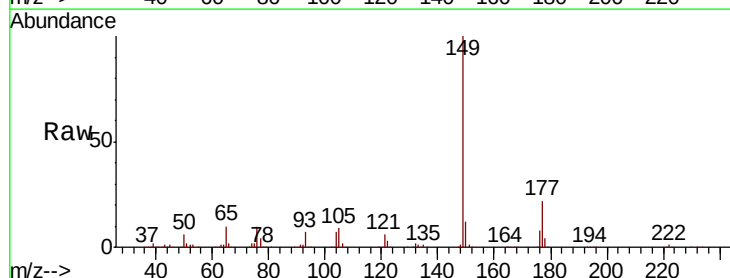
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.020 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.4	26.2
150	12.3	9.8	14.8

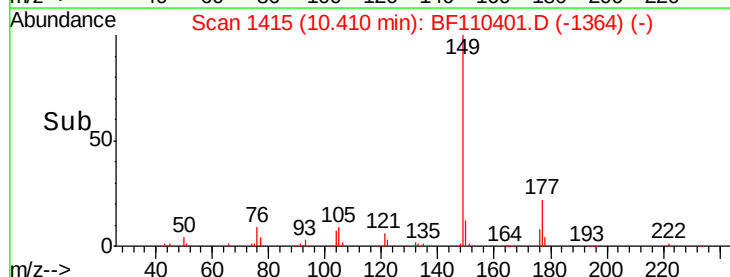
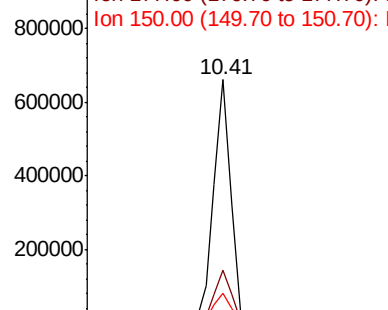


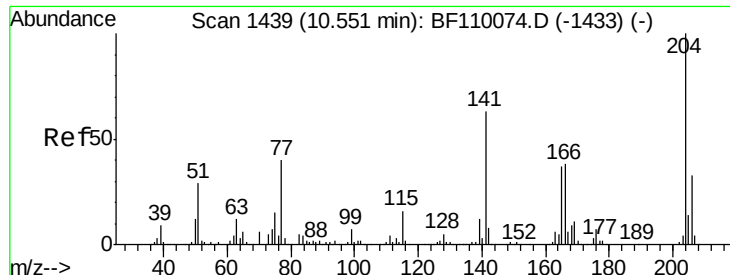
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

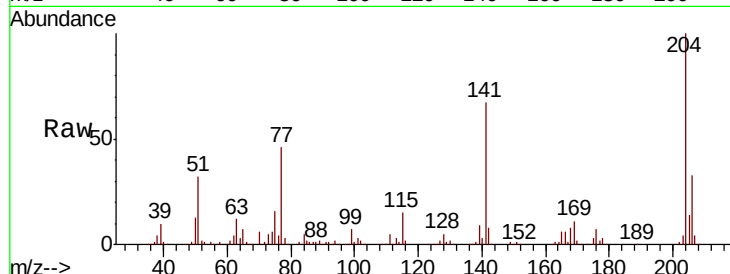




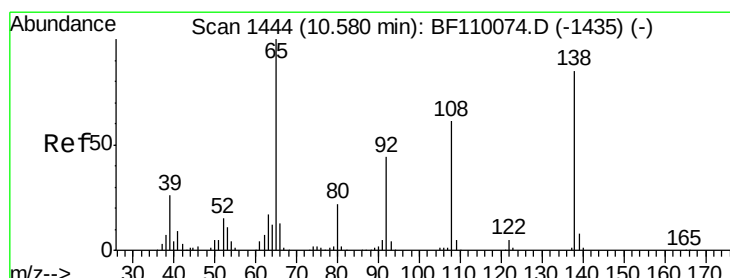
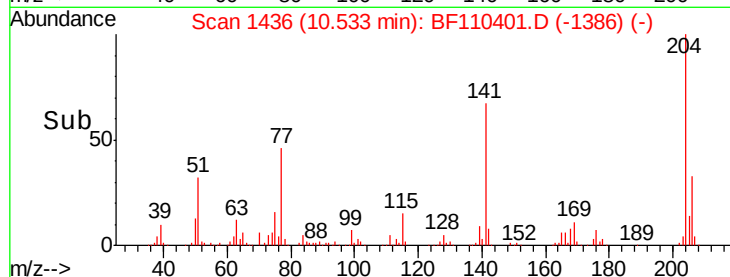
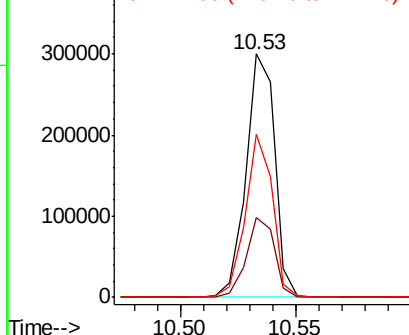
#61
4-Chlorophenyl-phenylether
Concen: 42.595 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 260774
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 66.9 51.8 77.8

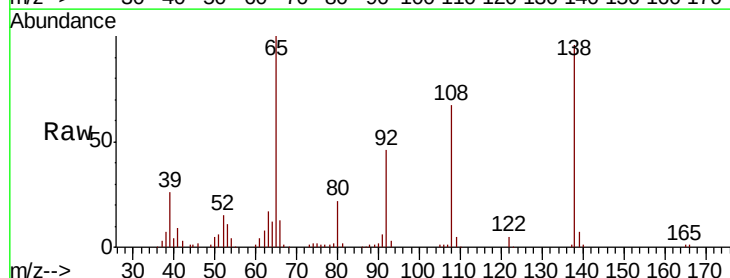


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

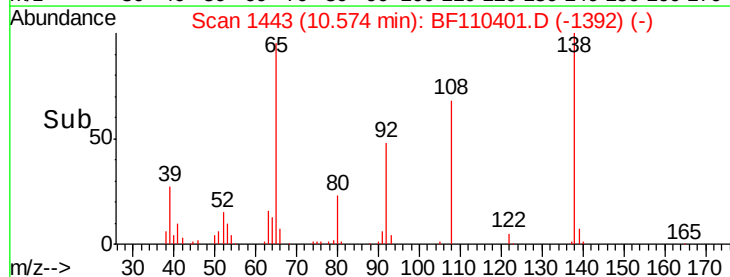
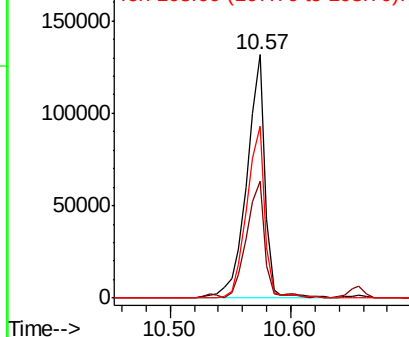


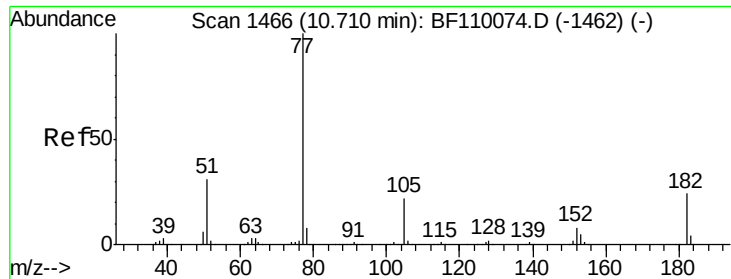
#62
4-Nitroaniline
Concen: 42.183 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:138 Resp: 139405
Ion Ratio Lower Upper
138 100
92 48.2 31.7 71.7
108 70.5 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

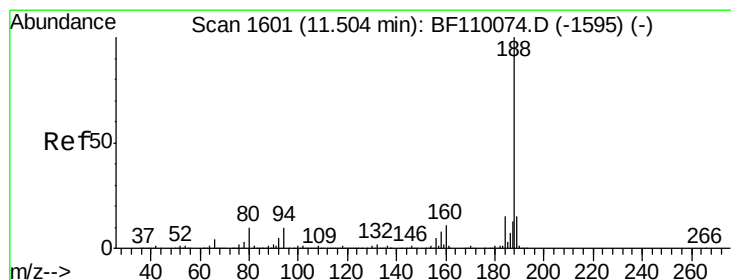
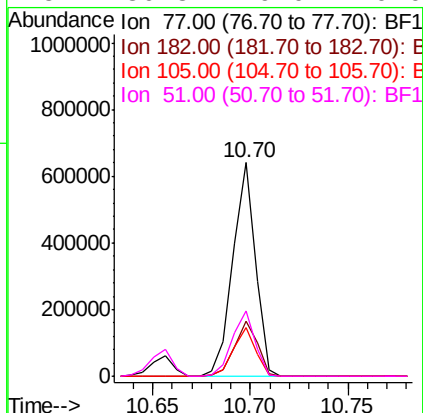
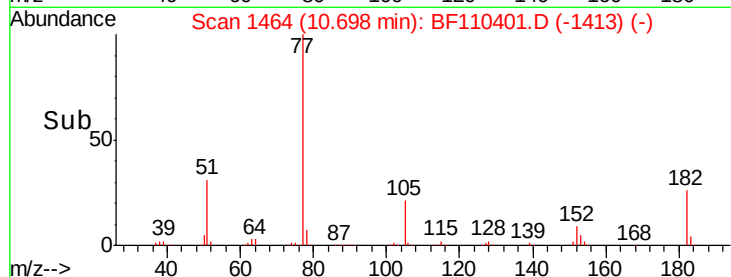
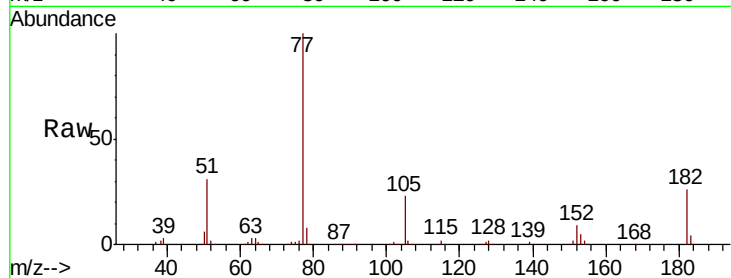




#63
Azobenzene
Concen: 41.173 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

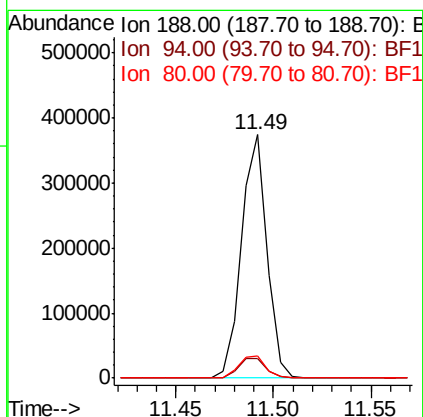
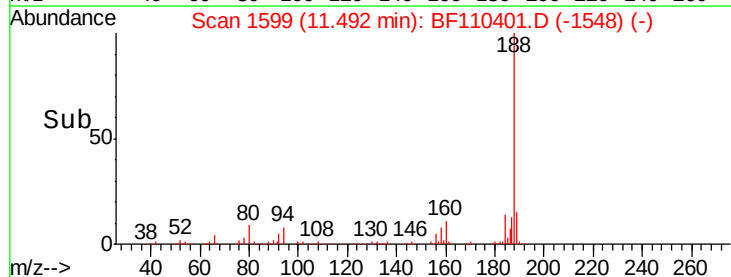
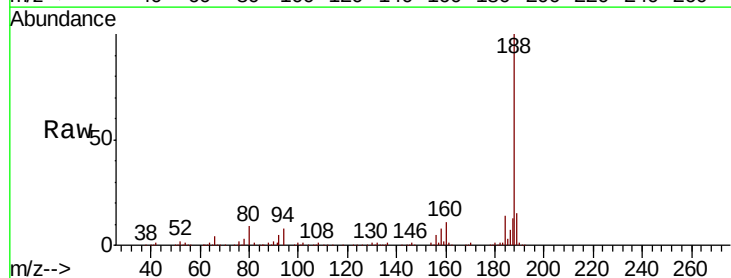
Instrument :
BNA_F
ClientSampled :

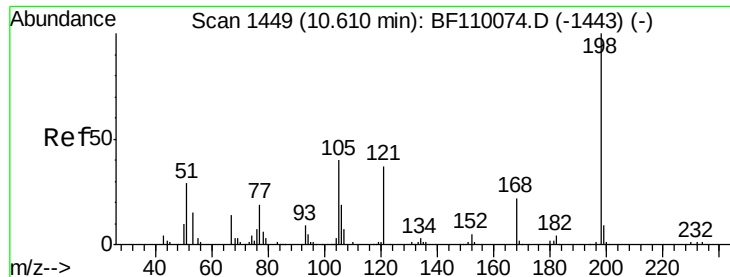
Tot Ion:	77	Resp:	517490
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.3	44.3
105	22.5	1.3	41.3
51	30.8	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:	188	Resp:	337172
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.0	7.9	11.9

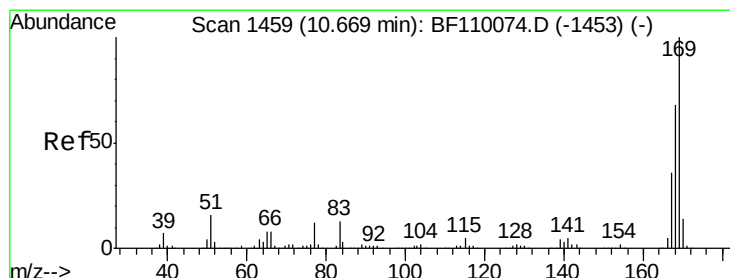
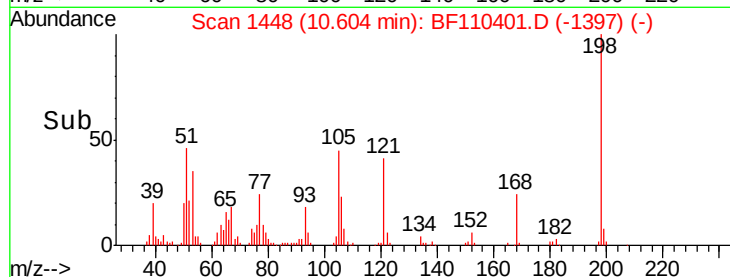
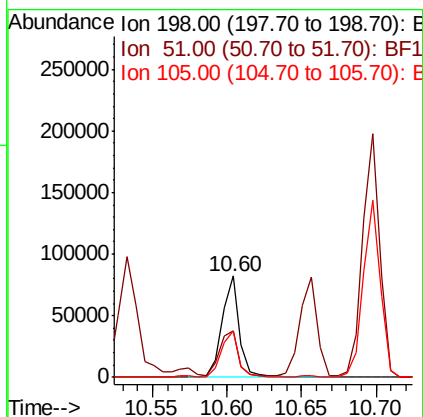
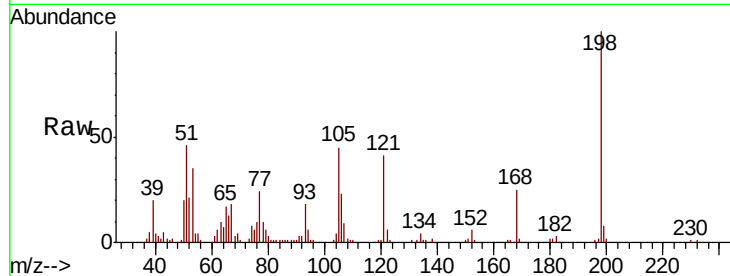




#65
4,6-Dinitro-2-methylphenol
Concen: 43.604 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

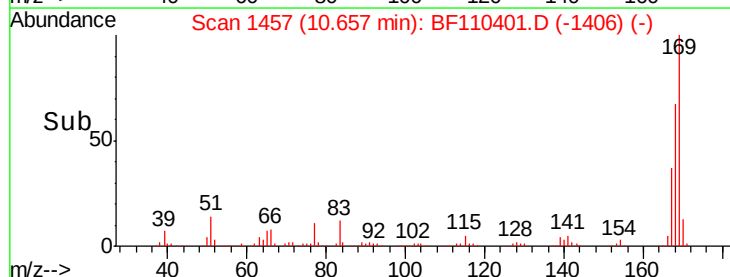
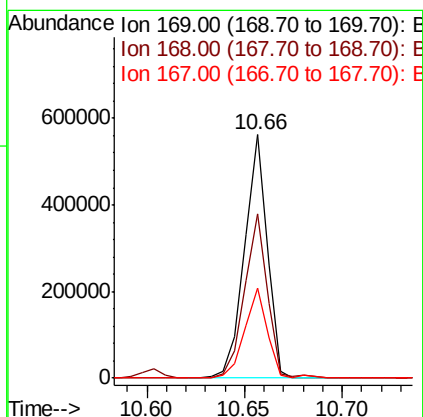
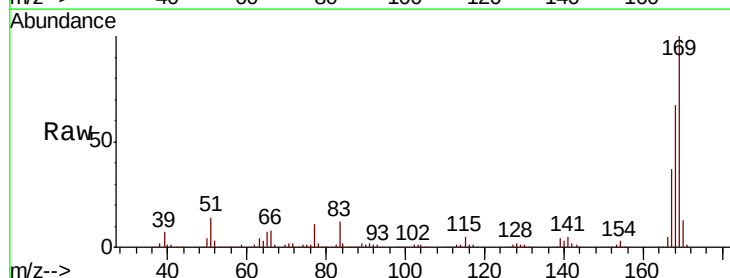
Instrument :
BNA_F
ClientSampled :

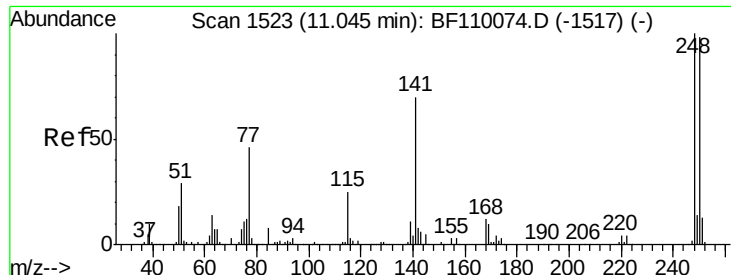
Tot Ion:198 Resp: 67169
Ion Ratio Lower Upper
198 100
51 45.8 22.8 62.8
105 45.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 41.188 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:169 Resp: 455511
Ion Ratio Lower Upper
169 100
168 67.3 51.2 76.8
167 36.8 27.8 41.6

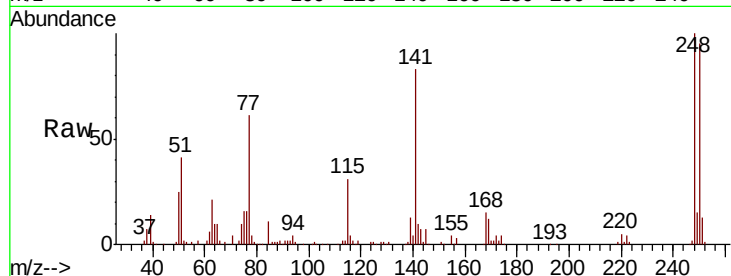




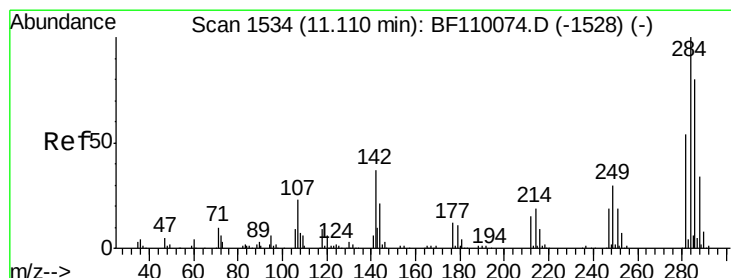
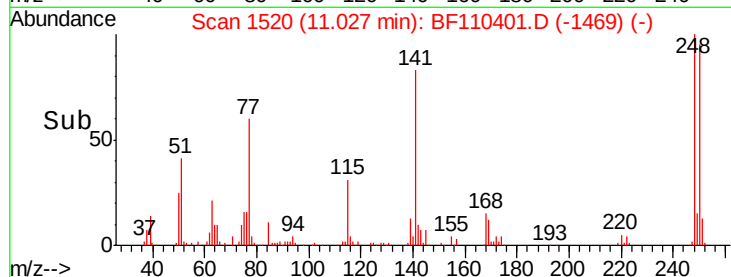
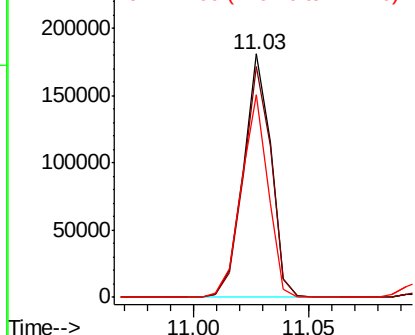
#67
4-Bromophenyl-phenylether
Concen: 41.412 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 151456
Ion Ratio Lower Upper
248 100
250 94.8 79.4 119.2
141 83.0 55.9 83.9

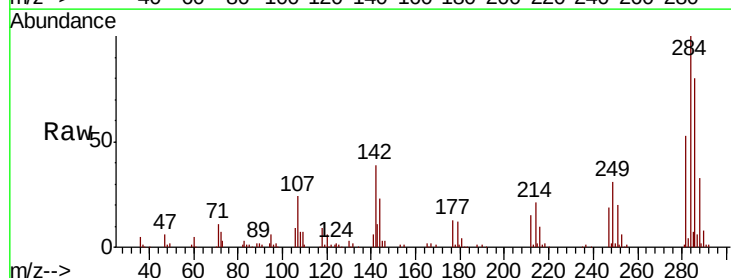


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

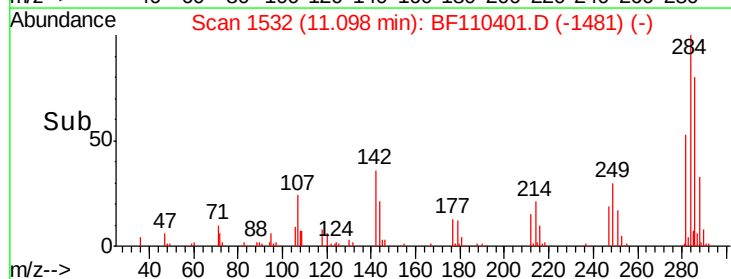
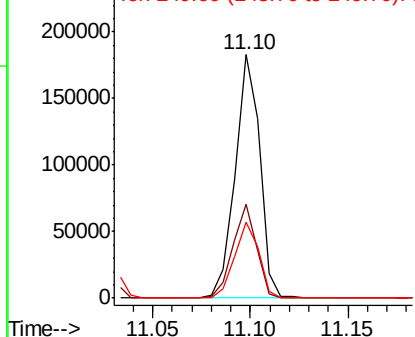


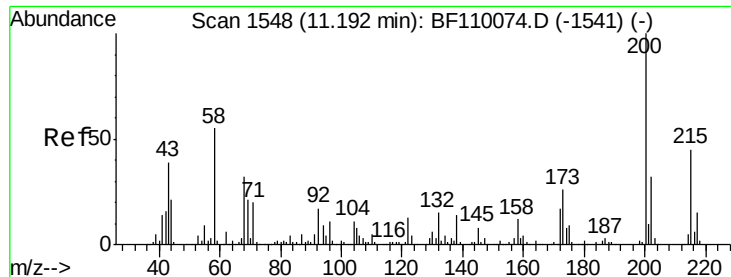
#68
Hexachlorobenzene
Concen: 41.176 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:284 Resp: 159784
Ion Ratio Lower Upper
284 100
142 38.5 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

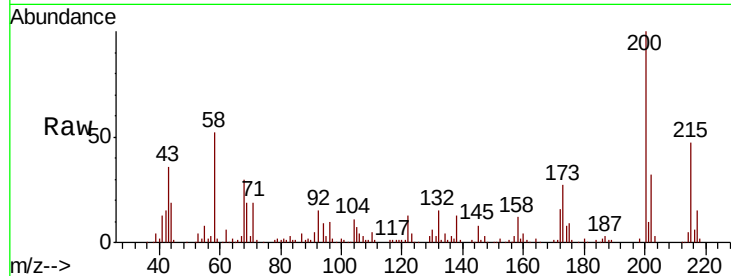




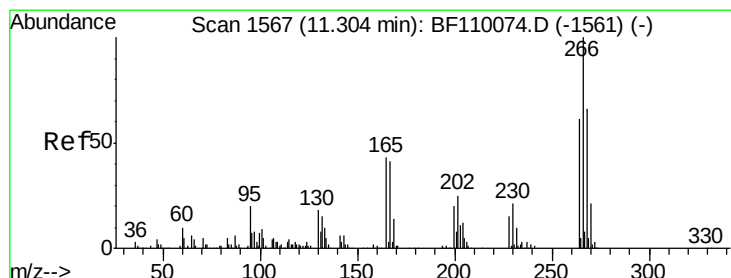
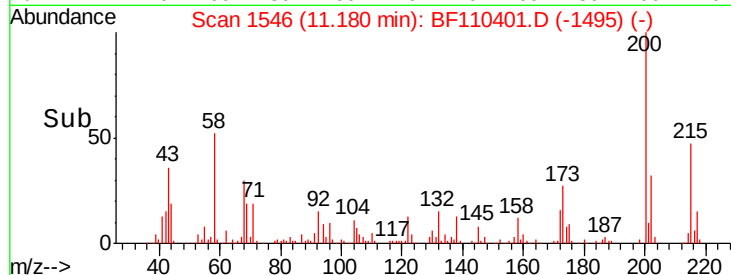
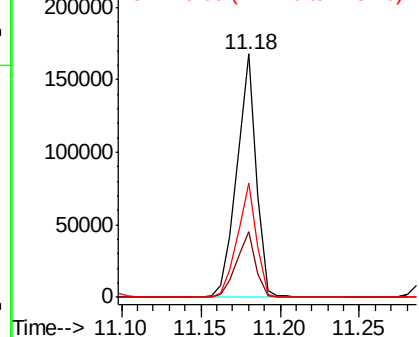
#69
 Atrazine
 Concen: 40.943 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 143093
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.6 46.6
 215 46.8 26.3 66.3

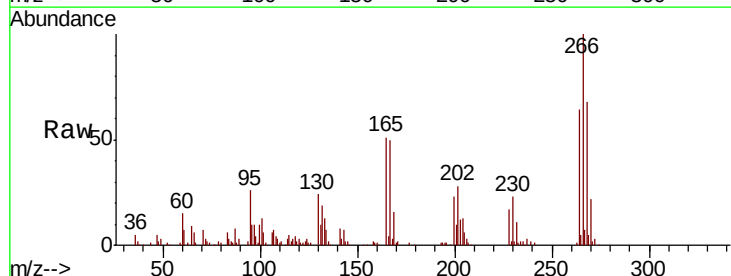


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

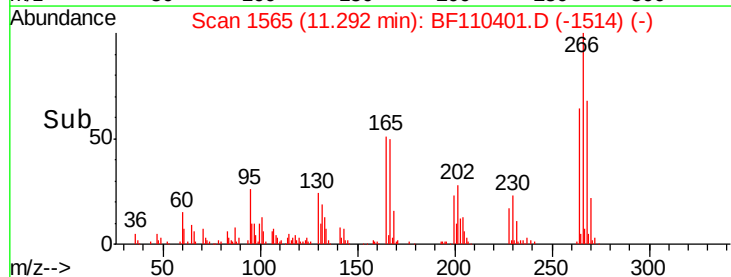
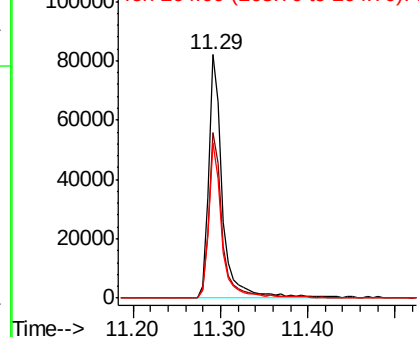


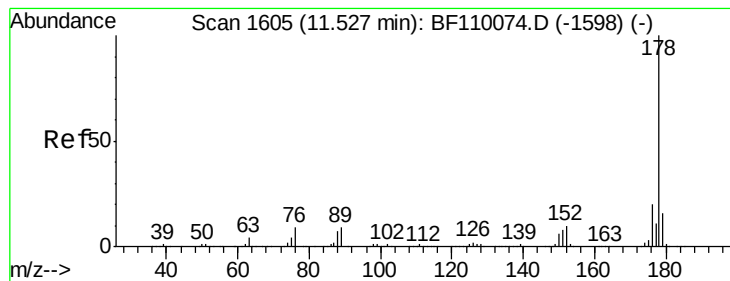
#70
 Pentachlorophenol
 Concen: 39.956 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF110401.D
 Acq: 2 Nov 2018 10:10

Tgt Ion:266 Resp: 90411
 Ion Ratio Lower Upper
 266 100
 268 67.7 50.6 75.8
 264 63.8 50.6 75.8



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





#71

Phenanthrene

Concen: 40.916 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

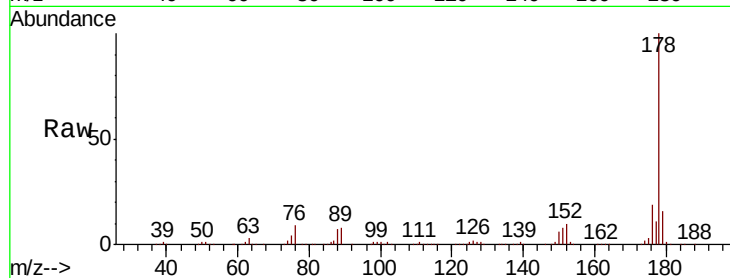
Tot Ion:178 Resp: 721860

Ion Ratio Lower Upper

178 100

176 18.9 15.5 23.3

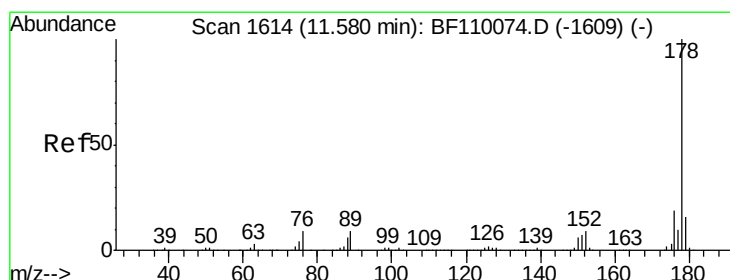
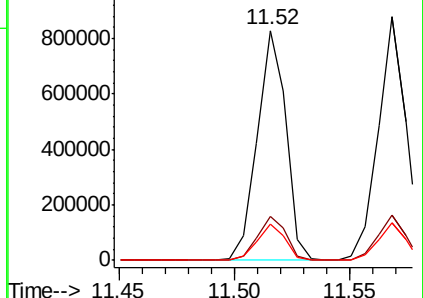
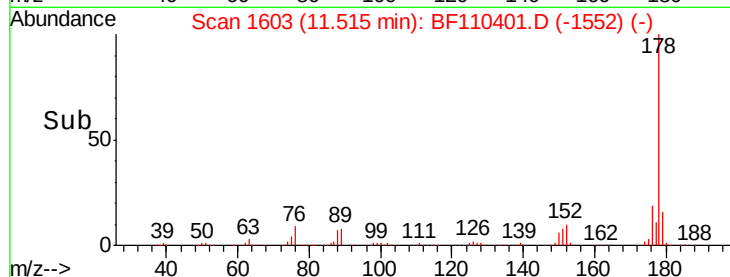
179 15.6 12.5 18.7



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: 41.272 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

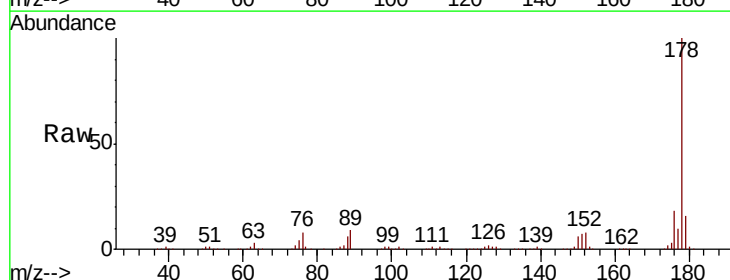
Tgt Ion:178 Resp: 729847

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

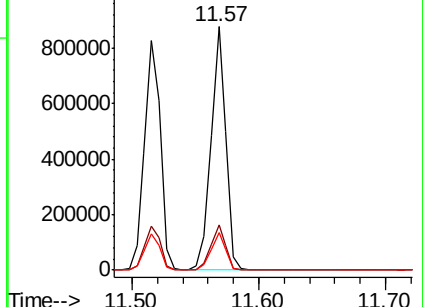
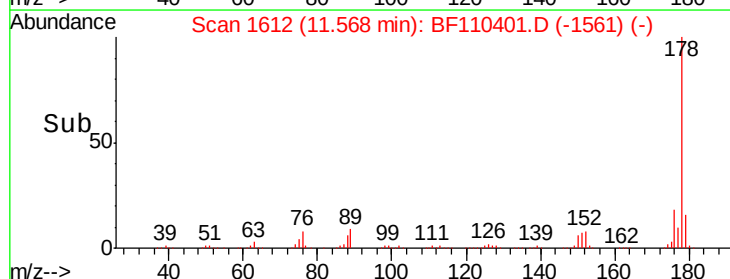
179 15.7 12.6 18.8

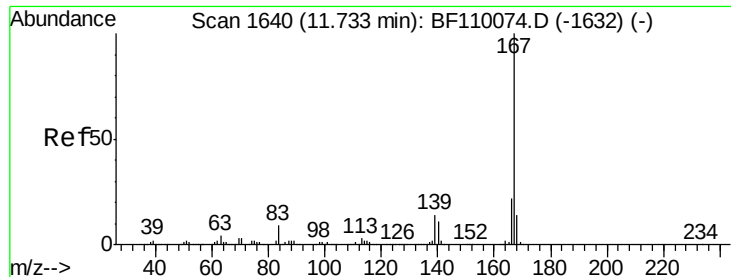


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.300 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampled :

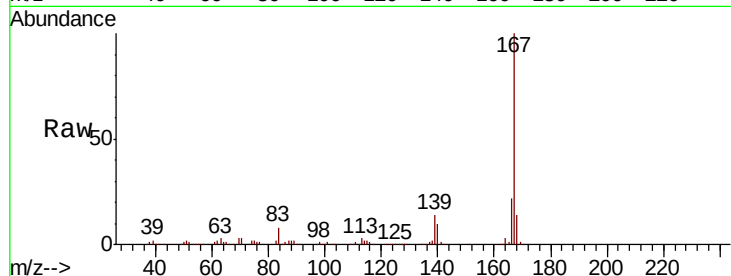
Tot Ion:167 Resp: 713099

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

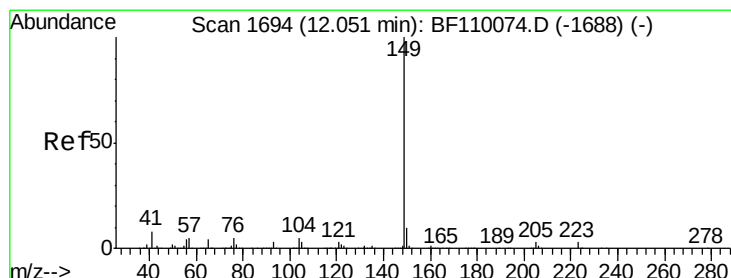
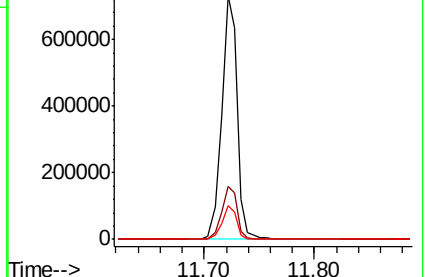
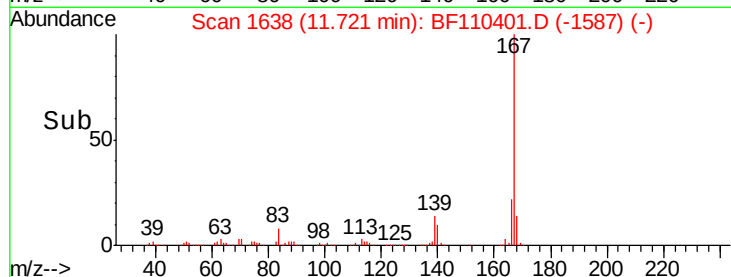
139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.054 ng

RT: 12.03 min Scan# 1691

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

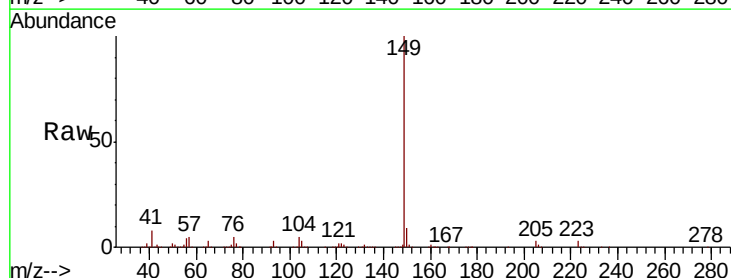
Tgt Ion:149 Resp: 839569

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

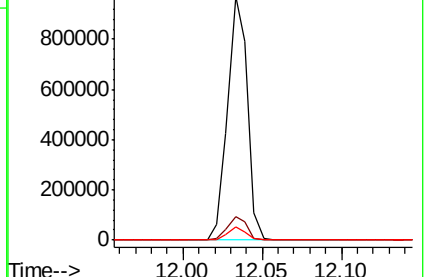
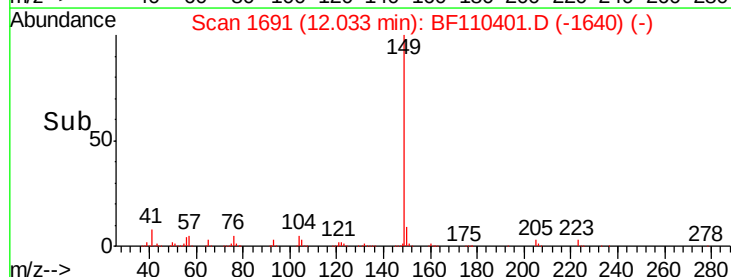
104 5.3 4.2 6.4

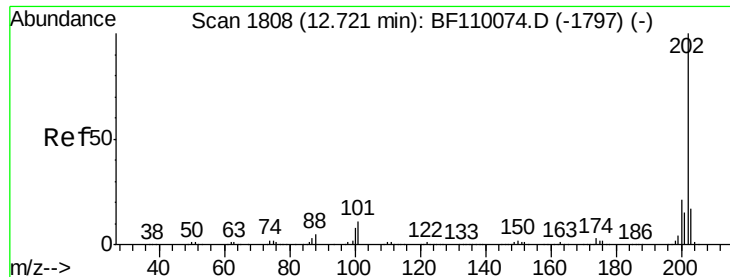


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.160 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

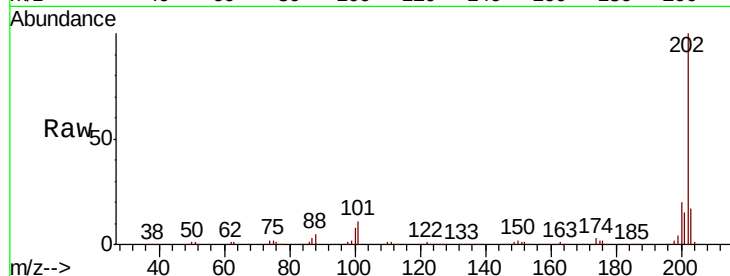
Tot Ion:202 Resp: 736975

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

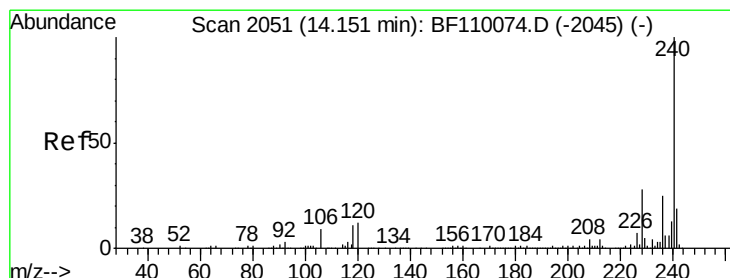
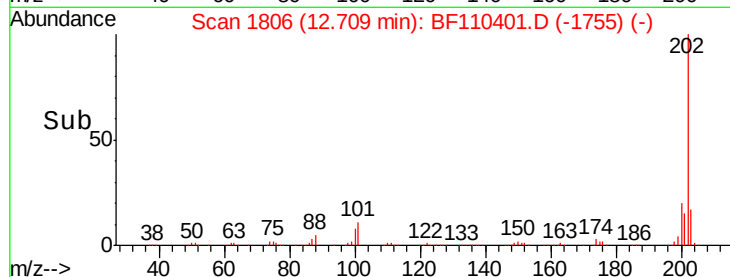
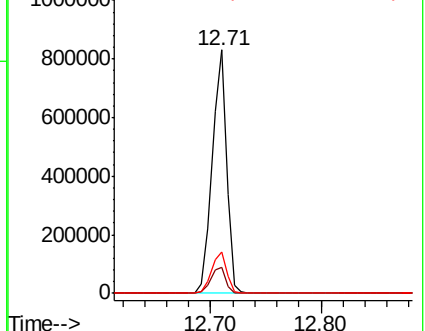
203 17.0 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

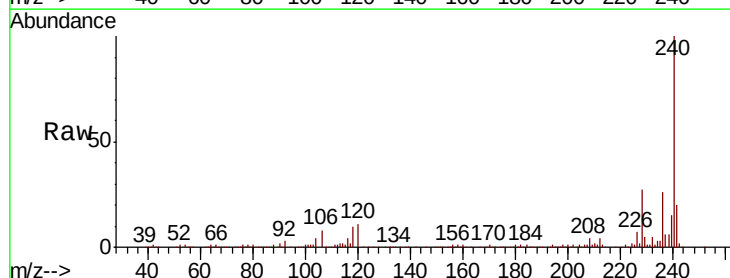
Tgt Ion:240 Resp: 246763

Ion Ratio Lower Upper

240 100

120 10.9 8.3 12.5

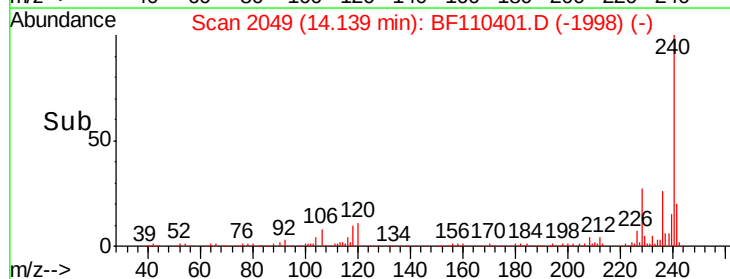
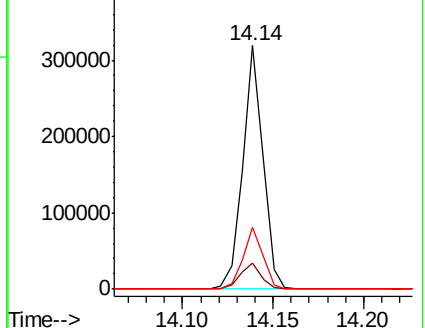
236 25.6 21.2 31.8

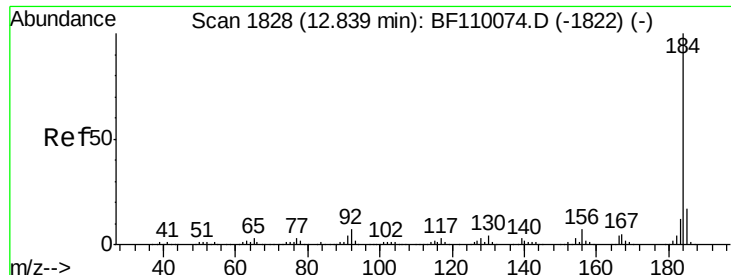


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.300 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

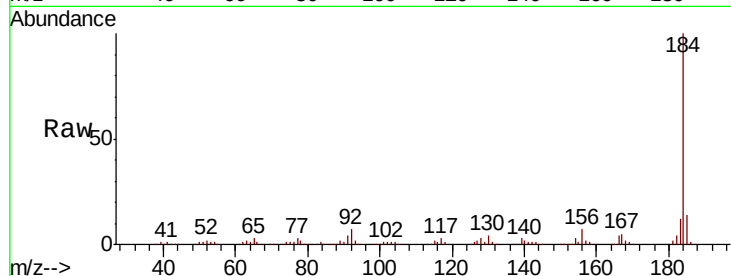
Tot Ion:184 Resp: 304634

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

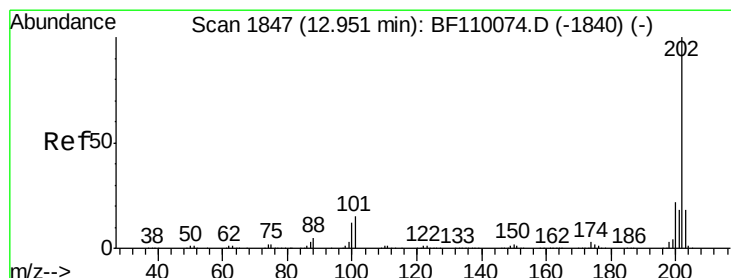
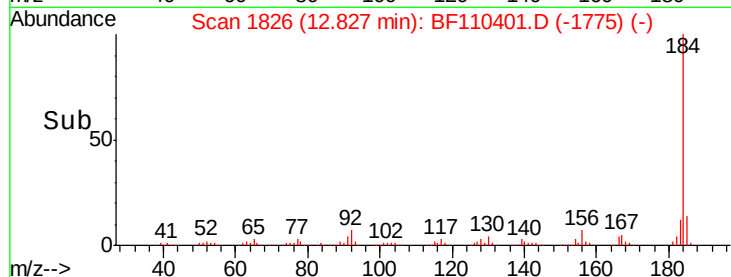
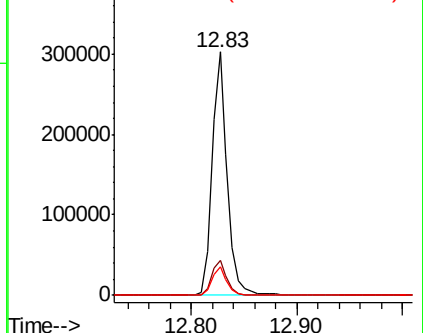
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.453 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

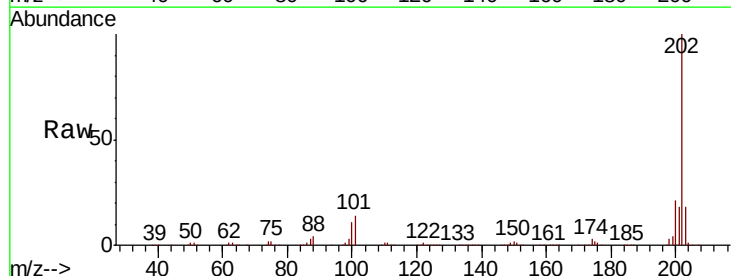
Tgt Ion:202 Resp: 751019

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

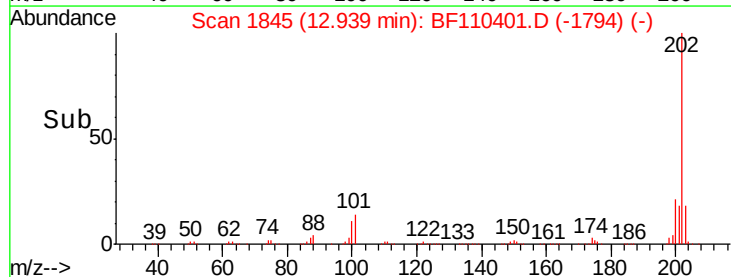
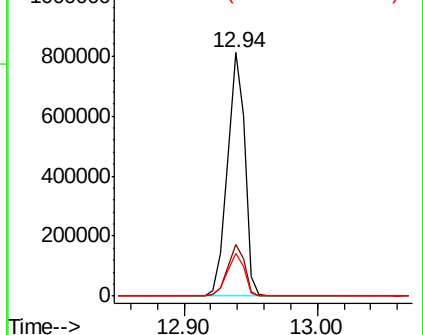
203 17.8 14.2 21.4

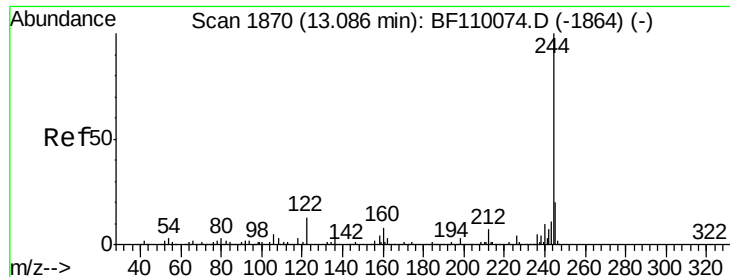


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.520 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampled :

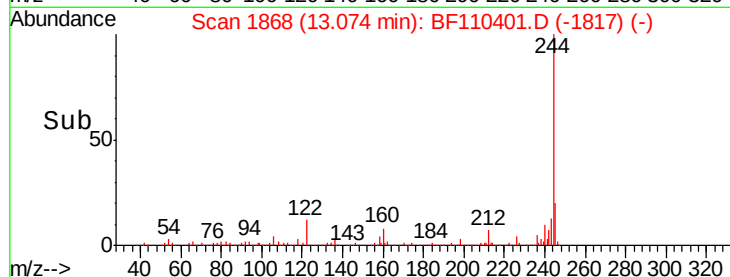
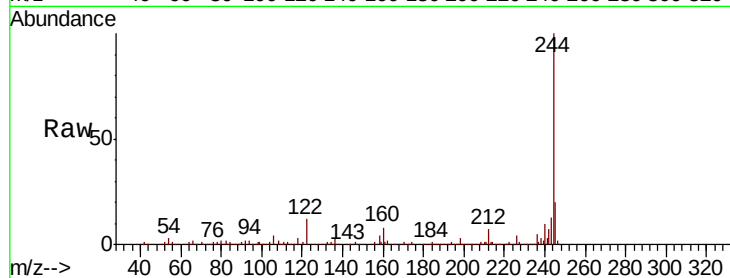
Tot Ion:244 Resp: 1026585

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

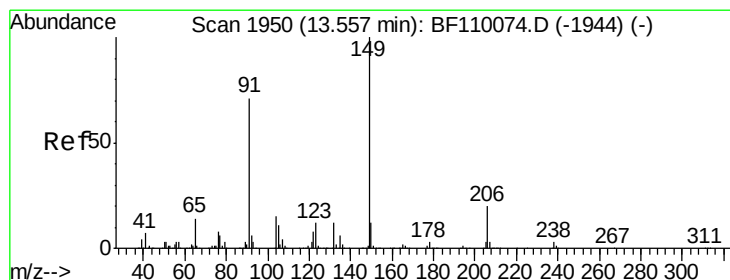
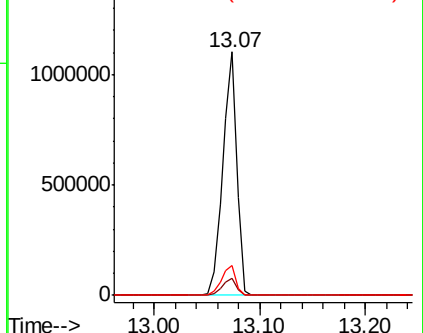
122 12.4 8.7 13.1



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: 44.237 ng

RT: 13.54 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

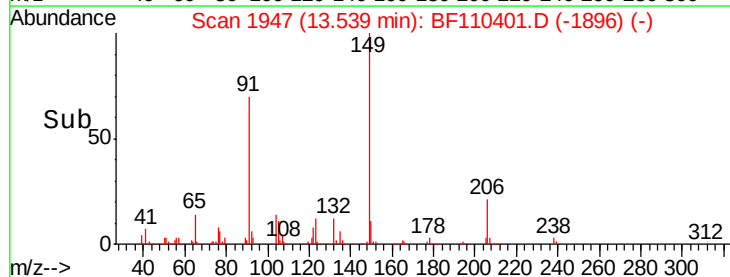
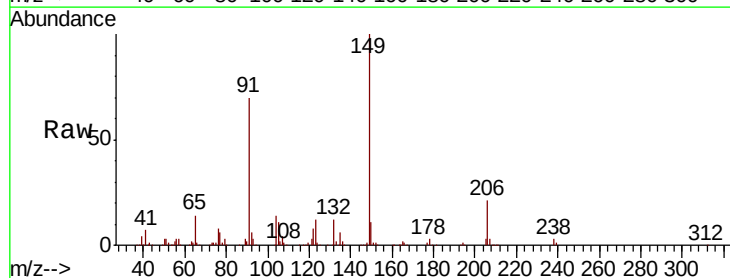
Tgt Ion:149 Resp: 339672

Ion Ratio Lower Upper

149 100

91 69.7 57.2 85.8

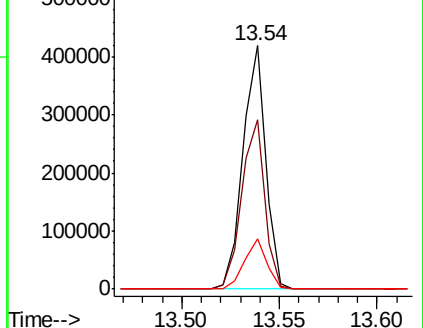
206 20.8 15.7 23.5

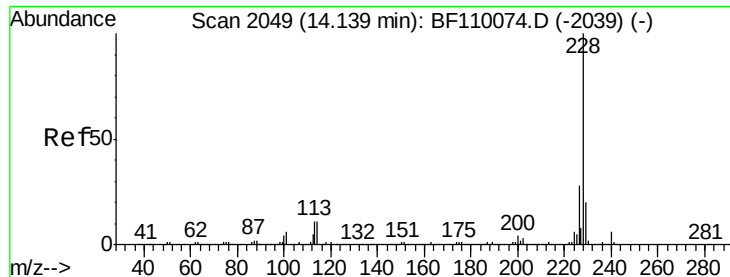


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.872 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

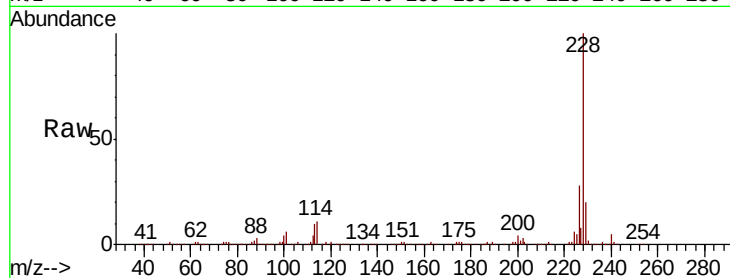
Tot Ion:228 Resp: 598096

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 19.7 15.6 23.4

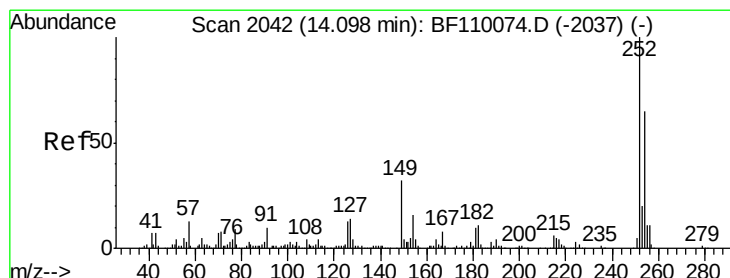
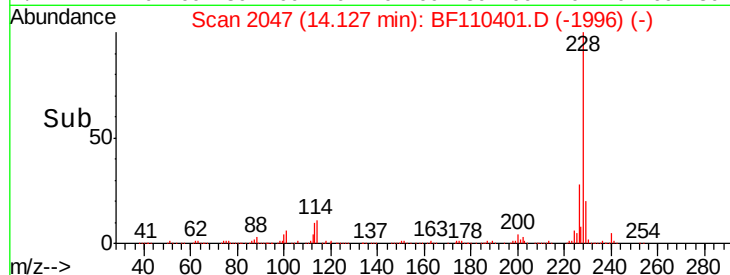
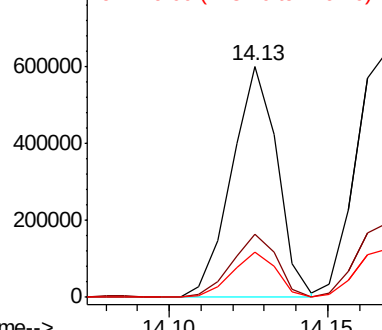


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.904 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

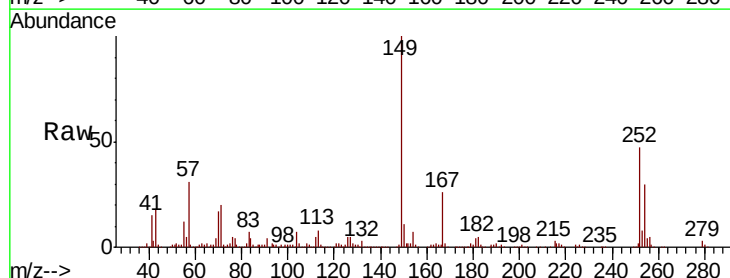
Tgt Ion:252 Resp: 208433

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

126 11.1 9.4 14.2

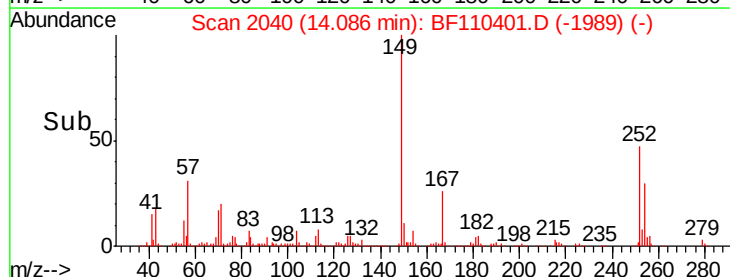
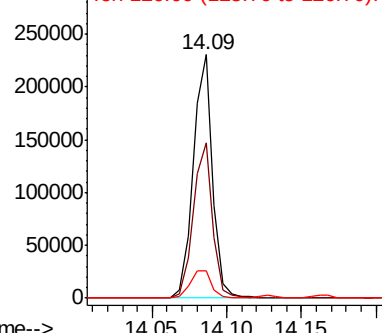


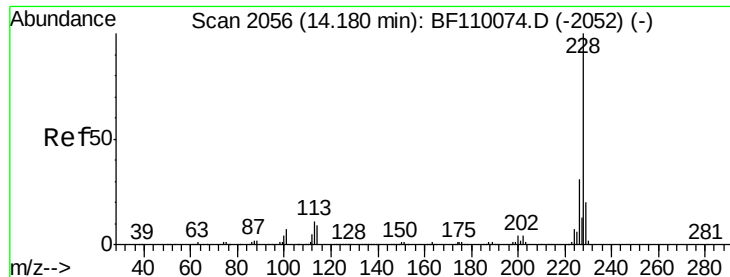
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.399 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

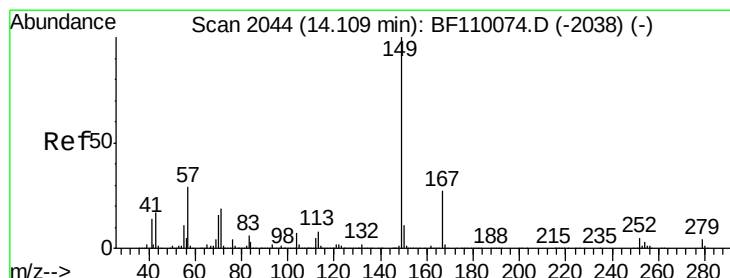
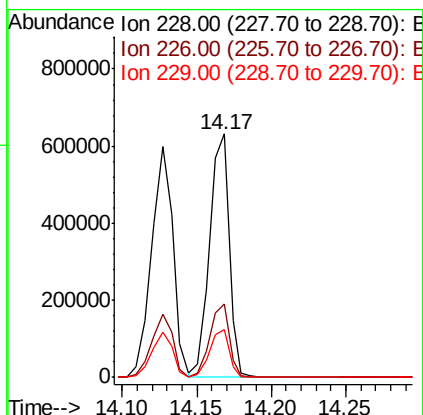
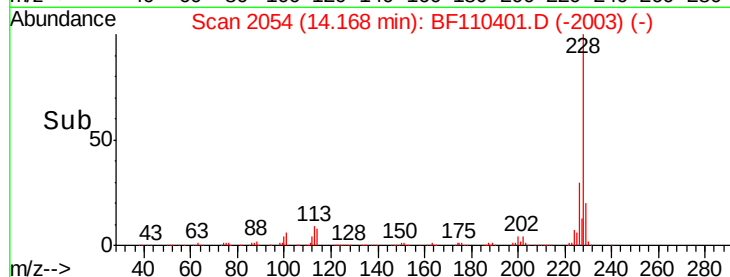
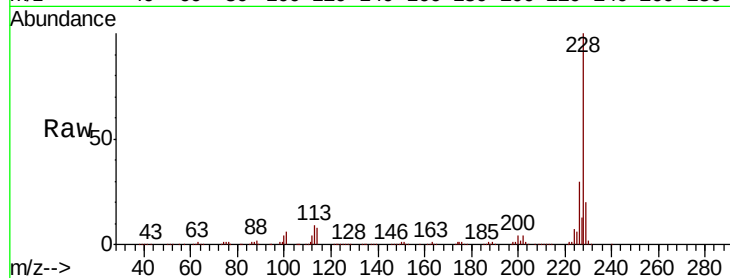
Tot Ion:228 Resp: 575404

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.274 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

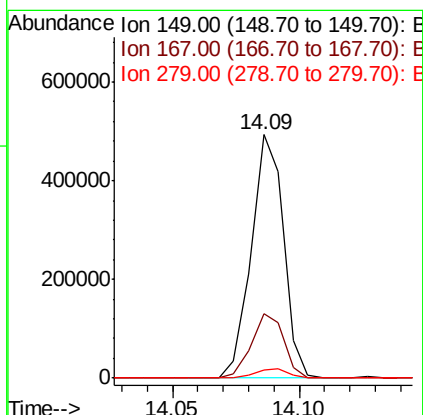
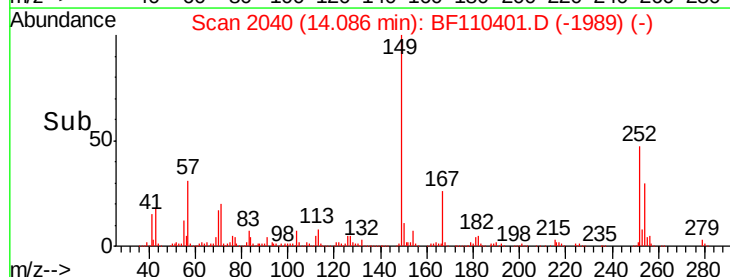
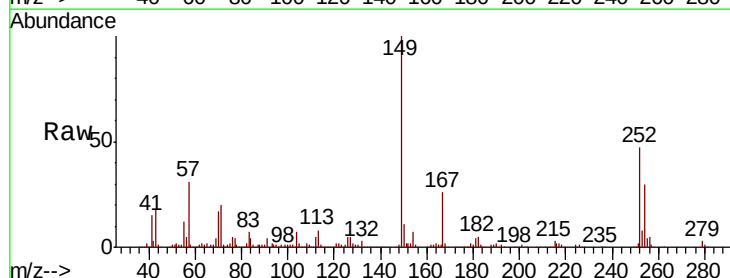
Tgt Ion:149 Resp: 438792

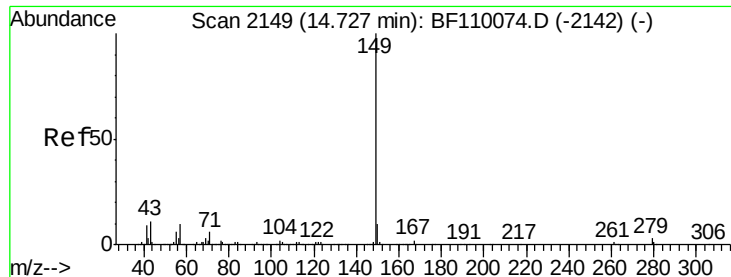
Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

279 3.2 2.7 4.1

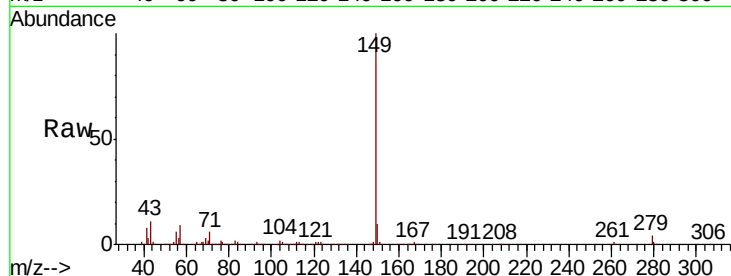




#85
Di-n-octyl phthalate
Concen: 41.315 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	10.2	7.8	11.8

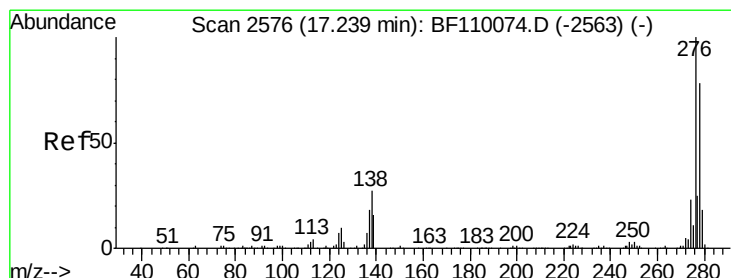
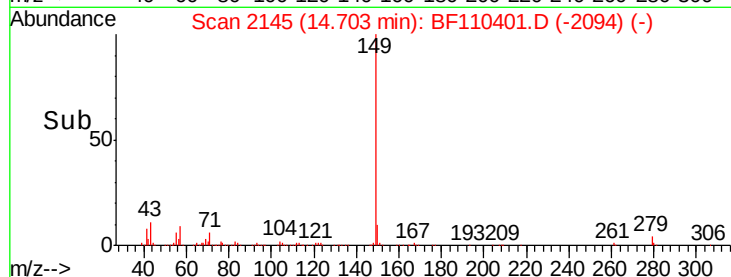
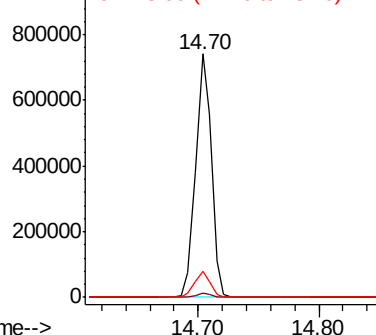


Abundance

Ion 149.00 (148.70 to 149.70): E

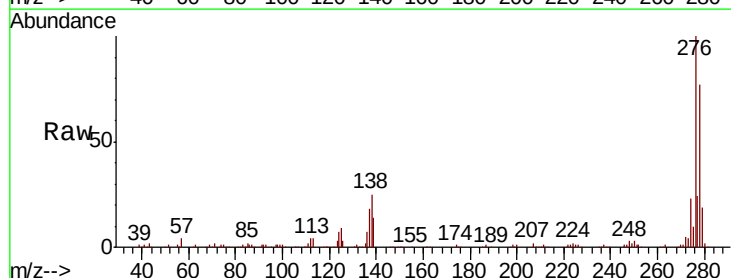
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.115 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.5	27.7
277	24.3	20.0	30.0

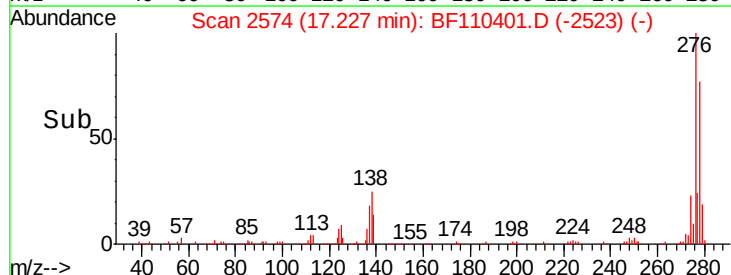
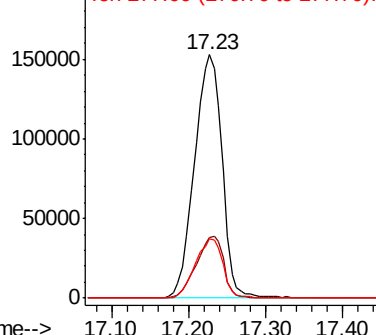


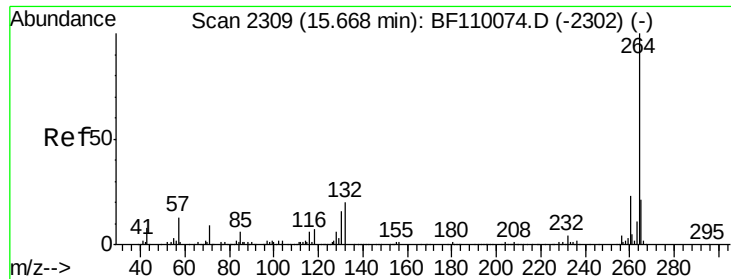
Abundance

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# 2307

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

Instrument :

BNA_F

ClientSampleId :

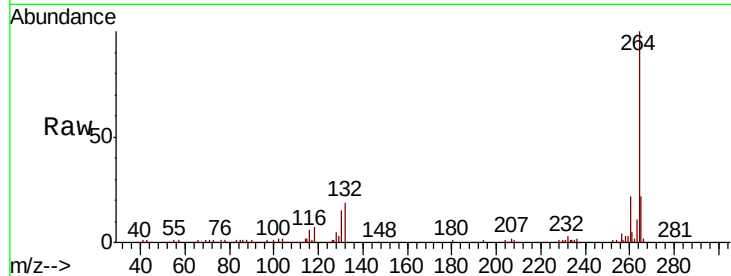
Tot Ion:264 Resp: 173434

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

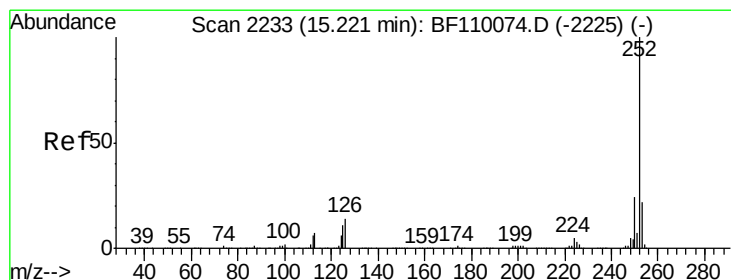
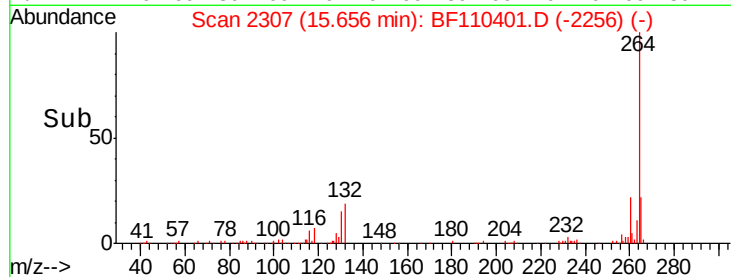
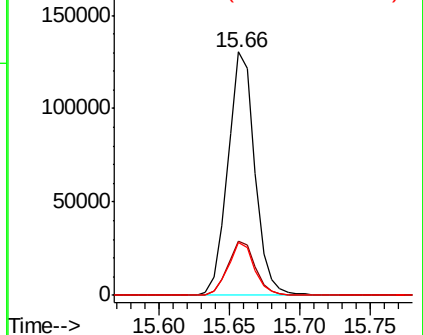
265 21.5 16.7 25.1



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: 43.977 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF110401.D

Acq: 2 Nov 2018 10:10

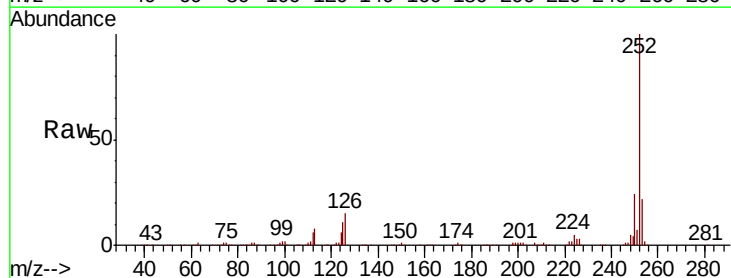
Tgt Ion:252 Resp: 440438

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

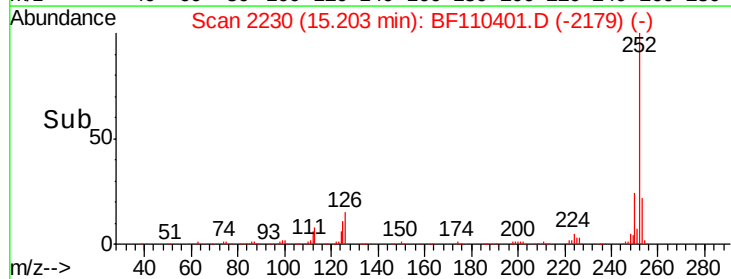
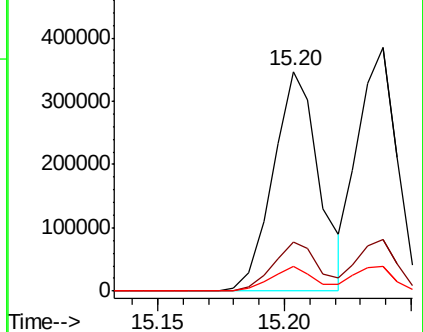
125 11.0 8.2 12.4

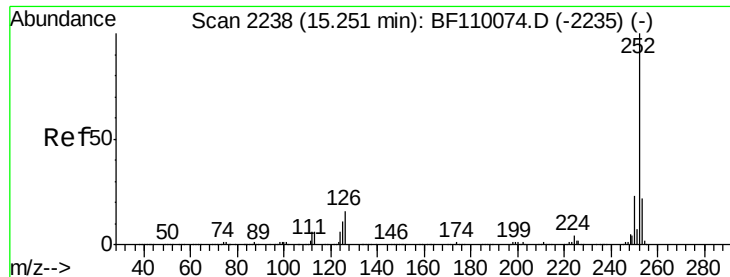


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

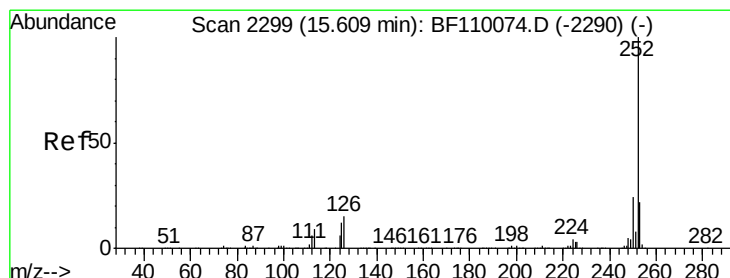
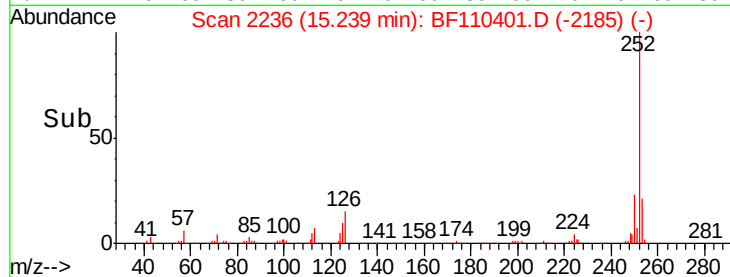
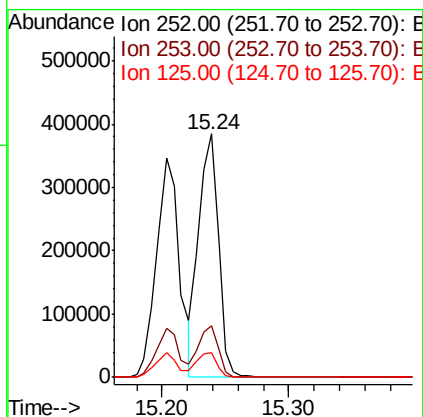
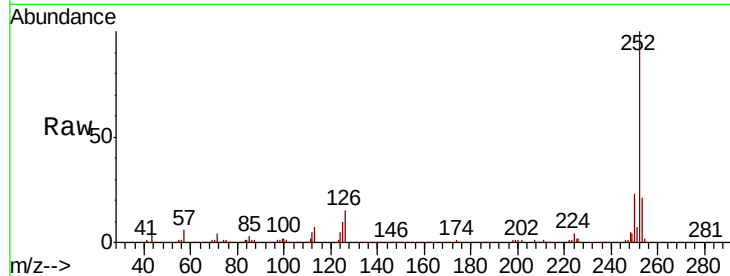




#89
Benzo(k)fluoranthene
Concen: 42.204 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

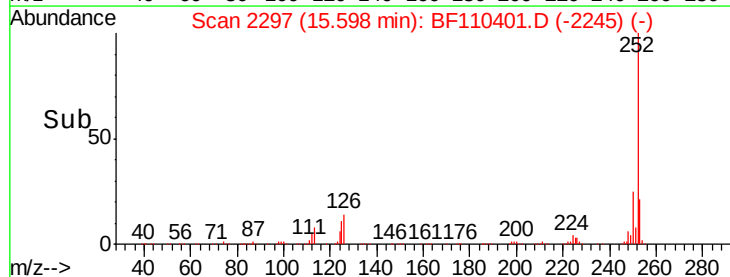
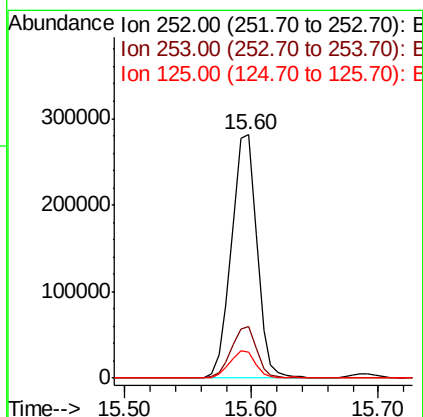
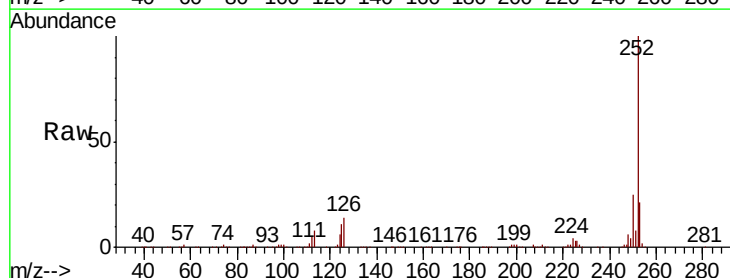
Instrument :
BNA_F
ClientSampled :

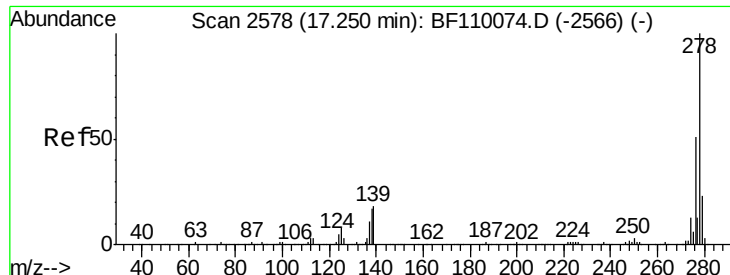
Tot Ion:252 Resp: 415533
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 10.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 42.368 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:252 Resp: 390447
Ion Ratio Lower Upper
252 100
253 21.2 18.2 27.4
125 10.9 9.0 13.6



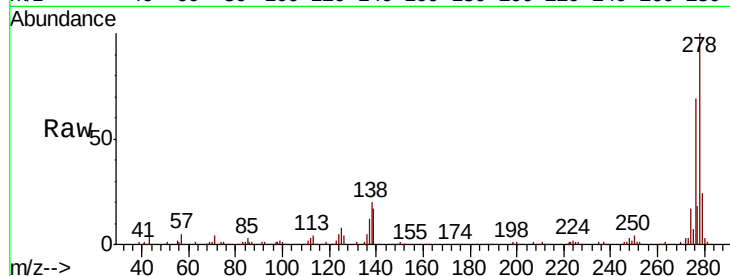


#91
Dibenzo(a,h)anthracene
Concen: 39.310 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

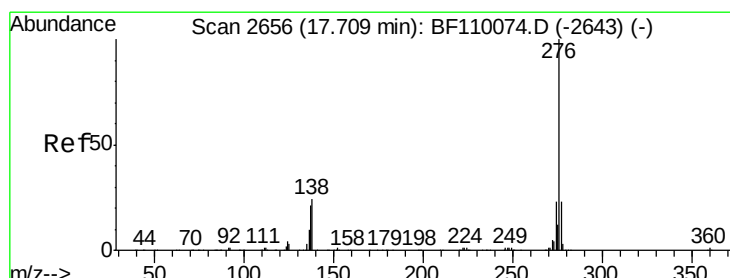
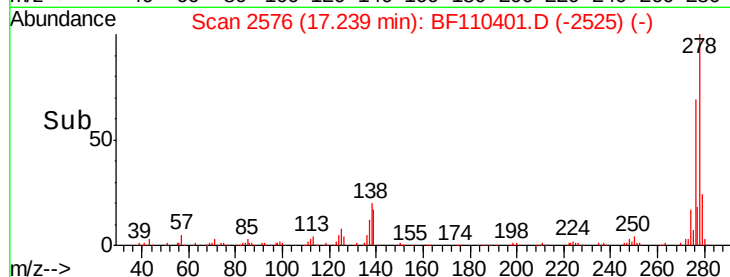
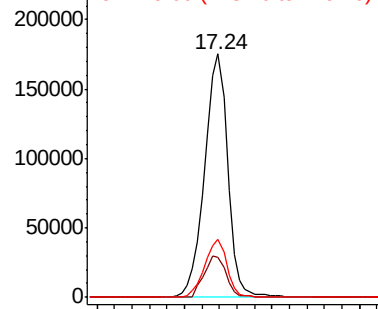
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 312584

Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.7	19.1
279	24.0	19.0	28.4



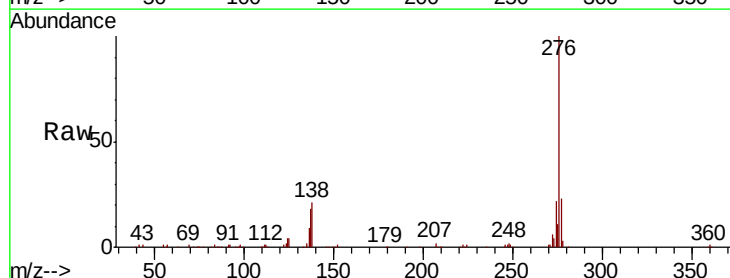
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 40.193 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.00 min
Lab File: BF110401.D
Acq: 2 Nov 2018 10:10

Tgt Ion:276 Resp: 314937

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	20.7	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

