

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110074.D
 Acq On : 23 Oct 2018 12:40
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 23 13:12:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 12:51:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	173036	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	728380	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	345697	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	660988	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	493957	20.00	ng	-0.01
87) Perylene-d12	15.67	264	391403	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	848867	77.76	ng	-0.02
7) Phenol-d6	6.59	99	1076502	79.42	ng	-0.02
23) Nitrobenzene-d5	7.53	82	995779	92.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	276261	92.30	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1768387	81.62	ng	-0.01
79) Terphenyl-d14	13.09	244	1850123	78.65	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.82	88	219059	35.332	ng	91
3) Pyridine	3.59	79	514316	37.208	ng	# 85
4) n-Nitrosodimethylamine	3.56	42	211990	37.596	ng	98
6) Aniline	6.63	93	711144	38.930	ng	# 53
8) 2-Chlorophenol	6.75	128	493035	40.321	ng	99
9) Benzaldehyde	6.52	77	325001	36.895	ng	95
10) Phenol	6.60	94	578198	39.508	ng	# 61
11) bis(2-Chloroethyl)ether	6.70	93	471722	38.550	ng	91
12) 1,3-Dichlorobenzene	6.91	146	533964	39.824	ng	97
13) 1,4-Dichlorobenzene	6.99	146	538900	39.908	ng	98
14) 1,2-Dichlorobenzene	7.14	146	503392	40.483	ng	99
15) Benzyl Alcohol	7.10	79	426032	40.853	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	763137	37.996	ng	67
17) 2-Methylphenol	7.21	107	390516	39.606	ng	# 82
18) Hexachloroethane	7.48	117	197199	41.324	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	344837	39.621	ng	96
20) 3+4-Methylphenols	7.36	107	503902	40.273	ng	92
22) Acetophenone	7.37	105	661340	39.152	ng	97
24) Nitrobenzene	7.55	77	513342	43.703	ng	96
25) Isophorone	7.79	82	839245	39.502	ng	97
26) 2-Nitrophenol	7.86	139	253680	52.088	ng	99
27) 2,4-Dimethylphenol	7.89	122	401233	39.208	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	561096	38.482	ng	99
29) 2,4-Dichlorophenol	8.10	162	408559	41.155	ng	100
30) 1,2,4-Trichlorobenzene	8.19	180	454155	40.858	ng	95
31) Naphthalene	8.27	128	1323797	39.634	ng	99
32) Benzoic acid	8.02	122	318933	50.020	ng	92
33) 4-Chloroaniline	8.32	127	597366	39.786	ng	98
34) Hexachlorobutadiene	8.39	225	246845	40.272	ng	99
35) Caprolactam	8.70	113	145626	41.305	ng	# 87
36) 4-Chloro-3-methylphenol	8.79	107	440855	42.096	ng	98
37) 2-Methylnaphthalene	8.96	142	878066	40.598	ng	99
38) 1-Methylnaphthalene	9.06	142	847434	40.436	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	430001	40.384	ng	99

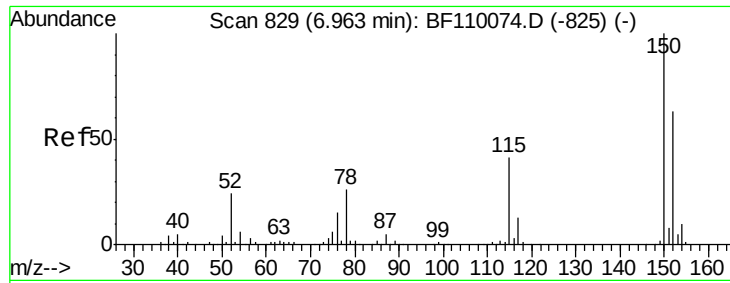
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110074.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	235239	45.773	ng	100
43) 2,4,6-Trichlorophenol	9.24	196	283979	42.652	ng	95
44) 2,4,5-Trichlorophenol	9.28	196	297343	43.030	ng	94
46) 1,1'-Biphenyl	9.43	154	1228792	39.896	ng	98
47) 2-Chloronaphthalene	9.46	162	915767	40.365	ng	98
48) 2-Nitroaniline	9.55	65	285225	48.989	ng	96
49) Acenaphthylene	9.87	152	1322161	40.116	ng	98
50) Dimethylphthalate	9.73	163	1009071	41.223	ng	100
51) 2,6-Dinitrotoluene	9.79	165	230429	49.562	ng	95
52) Acenaphthene	10.05	154	868225	41.377	ng	96
53) 3-Nitroaniline	9.96	138	272241	48.137	ng	94
54) 2,4-Dinitrophenol	10.07	184	78338	65.862	ng	89
55) Dibenzofuran	10.22	168	1225507	40.953	ng	98
56) 4-Nitrophenol	10.12	139	208781	48.381	ng	87
57) 2,4-Dinitrotoluene	10.20	165	295246	54.037	ng	# 86
58) Fluorene	10.56	166	901719	41.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	244904	44.719	ng	94
60) Diethylphthalate	10.43	149	995235	41.165	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	473858	41.759	ng	99
62) 4-Nitroaniline	10.58	138	265763	49.642	ng	95
63) Azobenzene	10.71	77	981373	38.855	ng	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	125100	59.052	ng	94
66) n-Nitrosodiphenylamine	10.67	169	858069	38.977	ng	96
67) 4-Bromophenyl-phenylether	11.04	248	286221	39.956	ng	99
68) Hexachlorobenzene	11.11	284	301685	39.494	ng	# 94
69) Atrazine	11.19	200	276175	40.161	ng	99
70) Pentachlorophenol	11.30	266	196251	45.143	ng	97
71) Phenanthrene	11.53	178	1349345	39.432	ng	99
72) Anthracene	11.58	178	1363949	39.646	ng	100
73) Carbazole	11.73	167	1327534	39.263	ng	100
74) Di-n-butylphthalate	12.05	149	1526319	40.449	ng	100
75) Fluoranthene	12.72	202	1379731	40.361	ng	99
77) Benzidine	12.84	184	602953	31.837	ng	100
78) Pyrene	12.95	202	1407359	38.792	ng	99
80) Butylbenzylphthalate	13.56	149	625766	42.664	ng	99
81) Benzo(a)anthracene	14.14	228	1175783	40.411	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	417324	40.913	ng	99
83) Chrysene	14.18	228	1107023	39.973	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	846887	43.880	ng	96
85) Di-n-octyl phthalate	14.73	149	1306323	48.009	ng	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	836258	37.503	ng	# 95
88) Benzo(b)fluoranthene	15.22	252	922839	40.897	ng	98
89) Benzo(k)fluoranthene	15.25	252	896769	40.320	ng	# 97
90) Benzo(a)pyrene	15.61	252	836554	40.309	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	700938	38.110	ng	98
92) Benzo(g,h,i)perylene	17.71	276	686940	36.966	ng	# 96

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

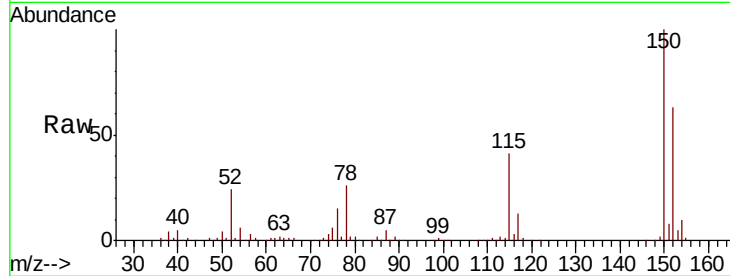


#1

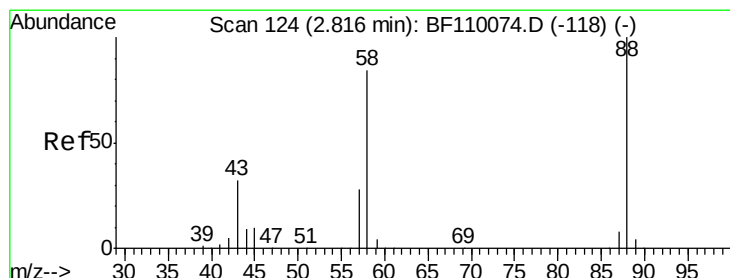
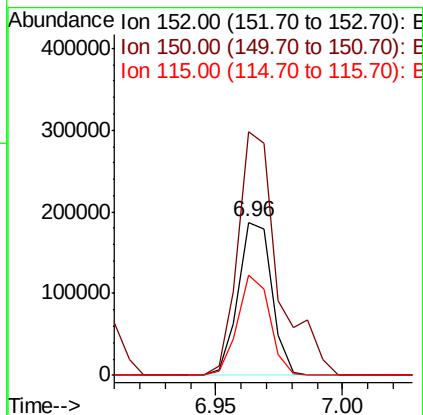
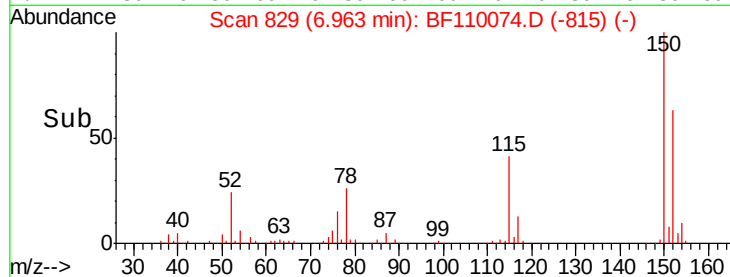
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	122.7	184.1
115	65.4	49.1	73.7



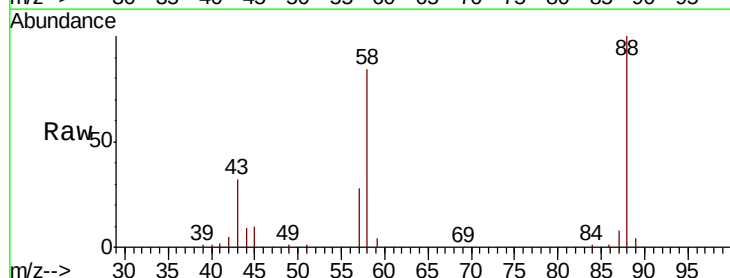
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



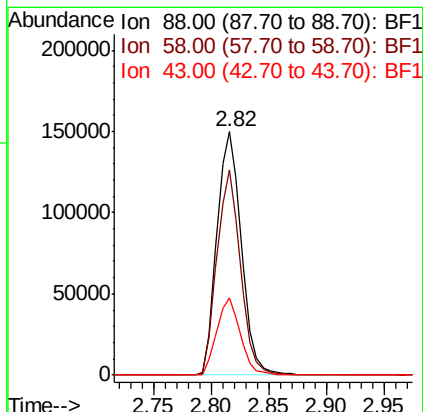
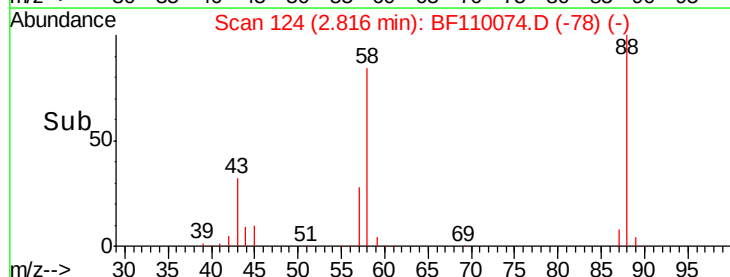
#2

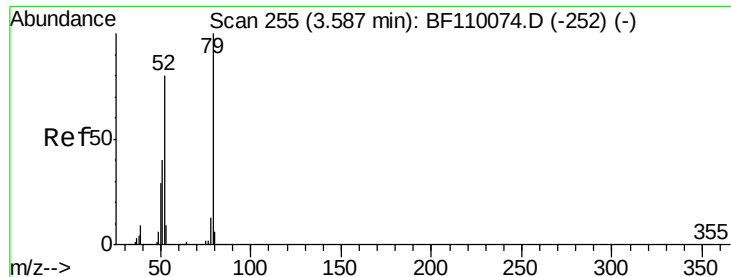
1,4-Dioxane
Concen: 35.332 ng
RT: 2.82 min Scan# 124
Delta R.T. -0.03 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	57.1	85.7
43	31.0	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.208 ng

RT: 3.59 min Scan# 255

Delta R.T. -0.03 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

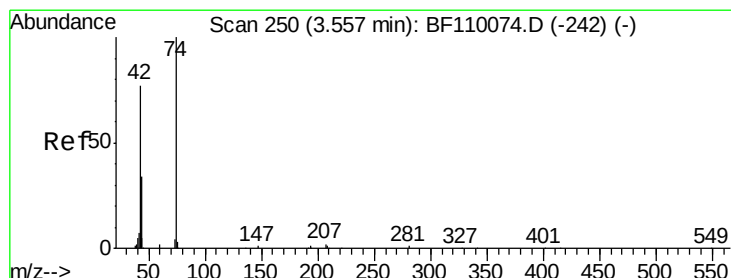
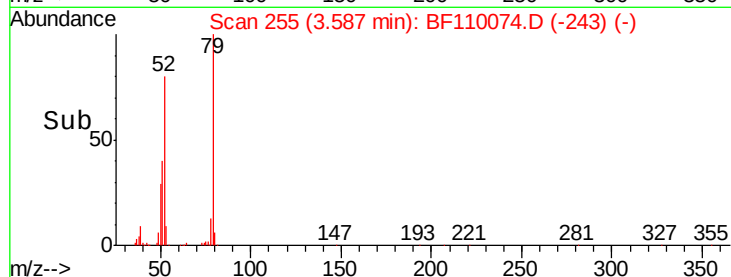
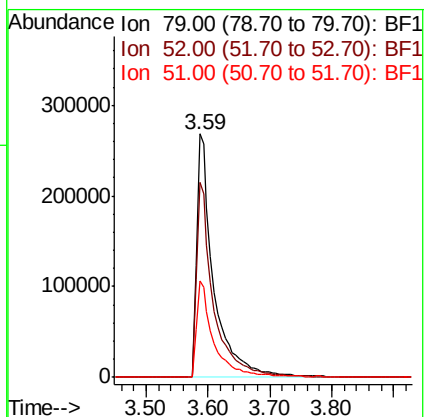
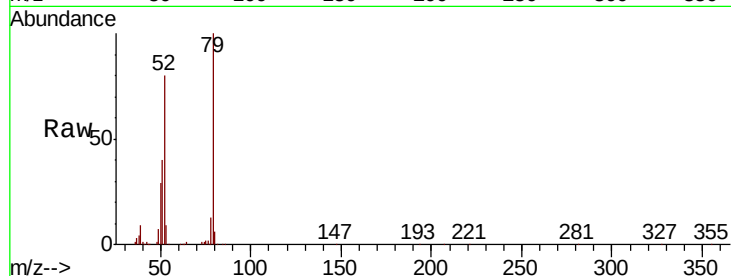
Tot Ion: 79 Resp: 514316

Ion Ratio Lower Upper

79 100

52 80.0 53.1 79.7#

51 39.9 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 37.596 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

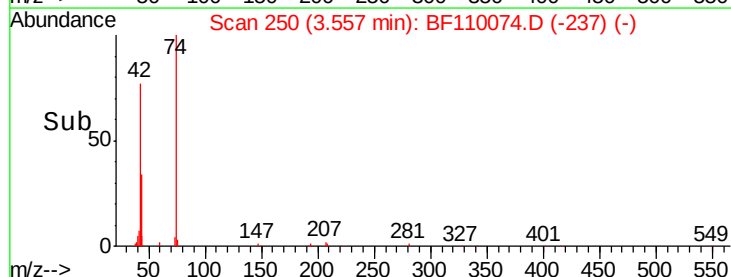
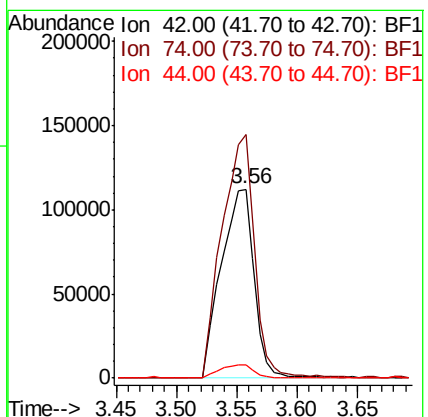
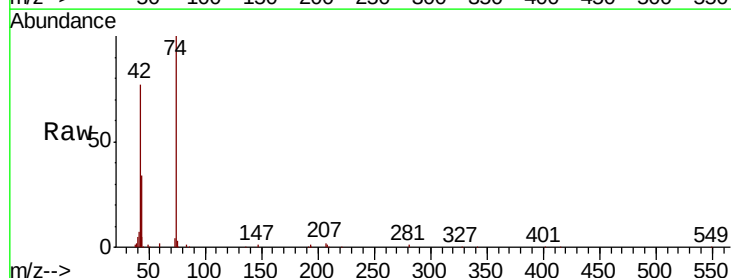
Tgt Ion: 42 Resp: 211990

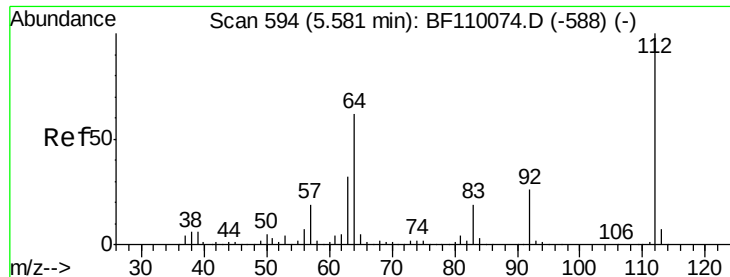
Ion Ratio Lower Upper

42 100

74 129.1 105.5 158.3

44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 77.762 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampled :

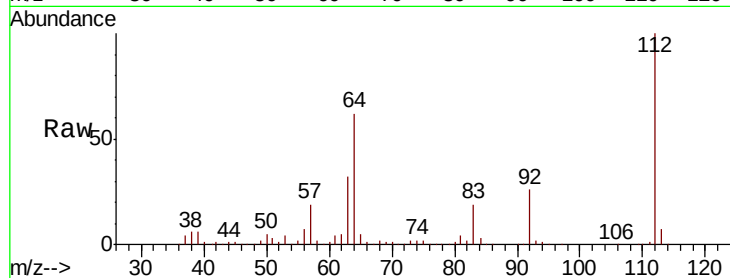
Tot Ion: 112 Resp: 848867

Ion Ratio Lower Upper

112 100

64 61.6 44.1 66.1

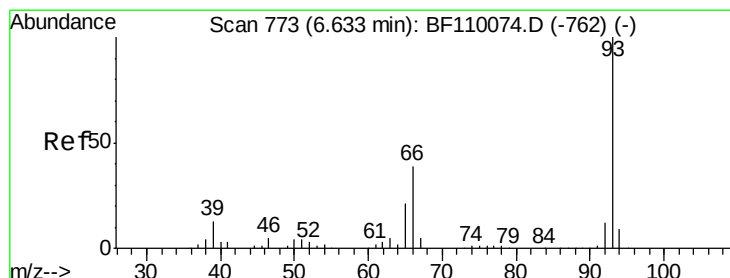
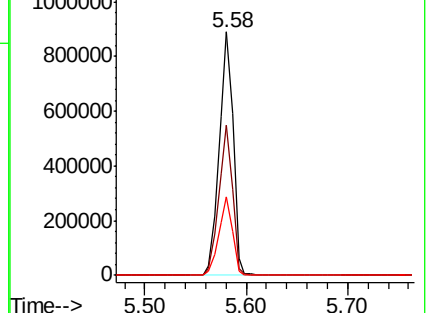
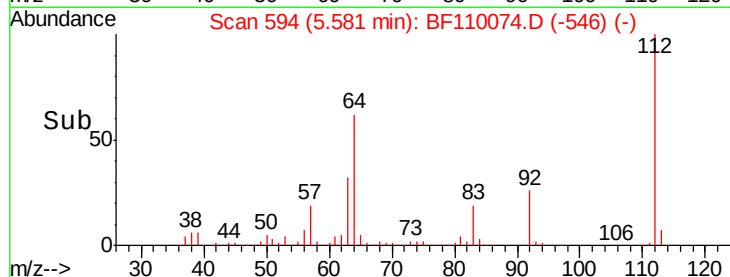
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.930 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

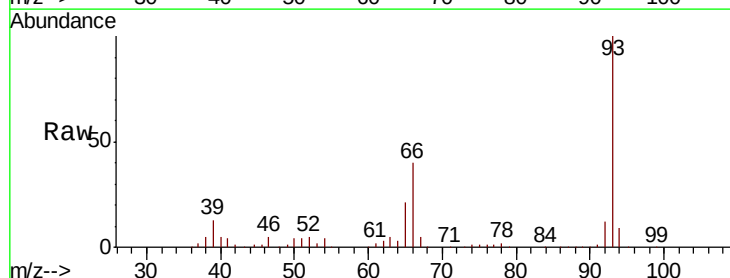
Tgt Ion: 93 Resp: 711144

Ion Ratio Lower Upper

93 100

66 39.8 67.4 101.0#

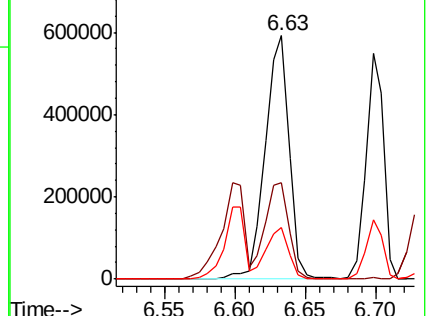
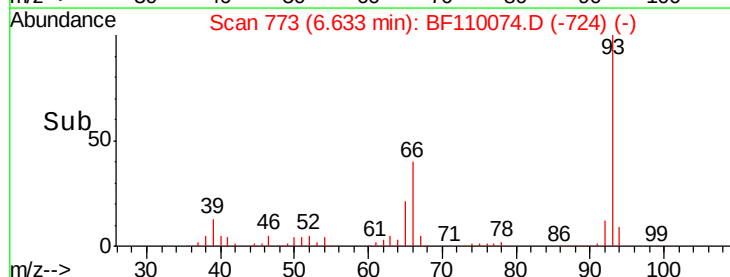
65 21.0 41.0 61.4#

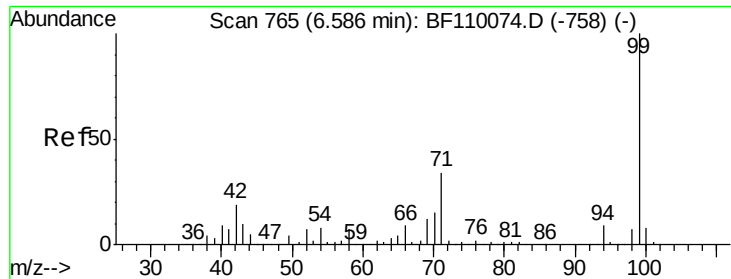


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.417 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

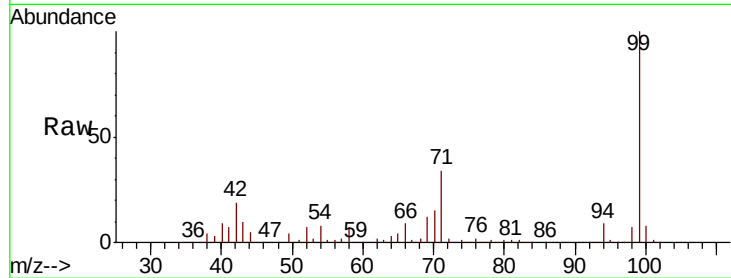
Tot Ion: 99 Resp: 1076502

Ion Ratio Lower Upper

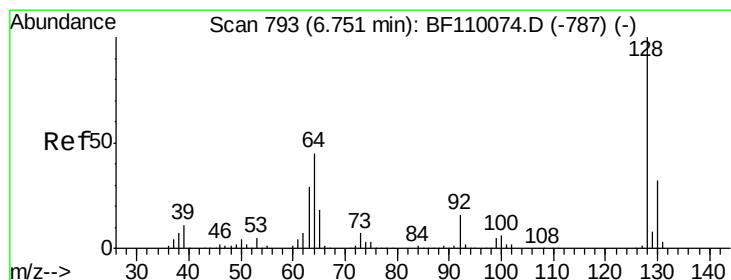
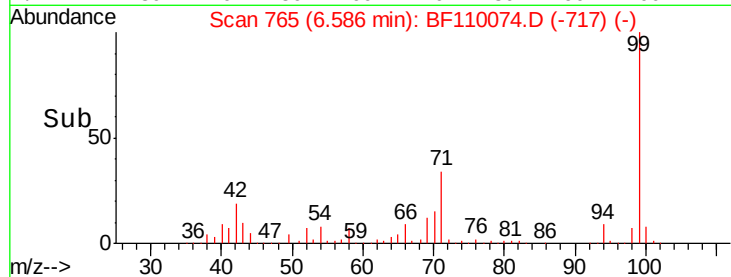
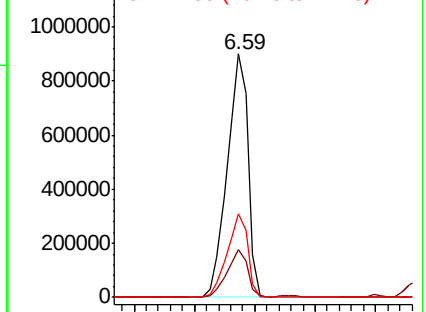
99 100

42 19.4 15.8 23.6

71 34.1 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: 40.321 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

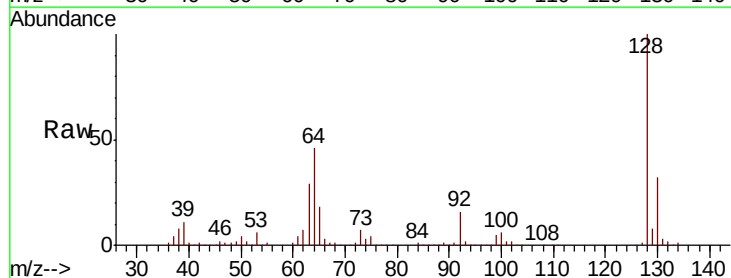
Tgt Ion: 128 Resp: 493035

Ion Ratio Lower Upper

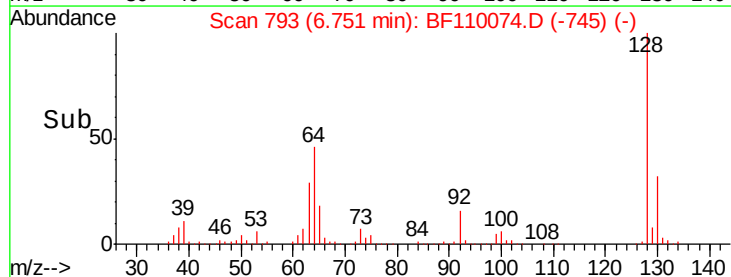
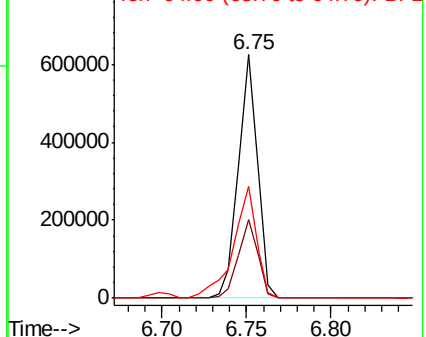
128 100

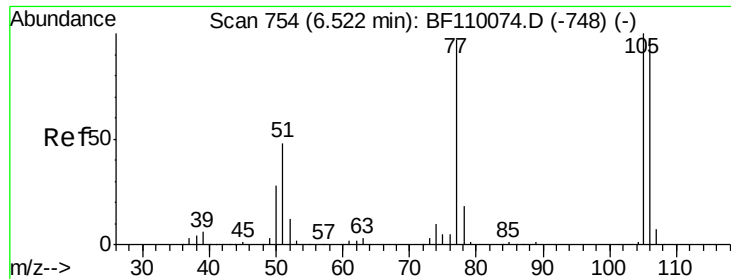
130 32.3 13.1 53.1

64 45.8 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: 36.895 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampled :

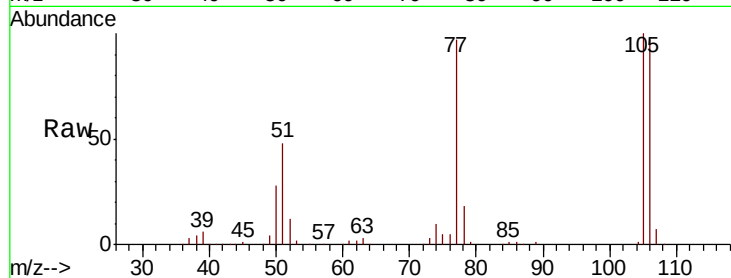
Tot Ion: 77 Resp: 325001

Ion Ratio Lower Upper

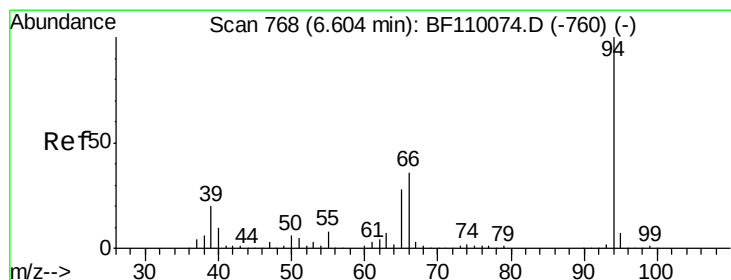
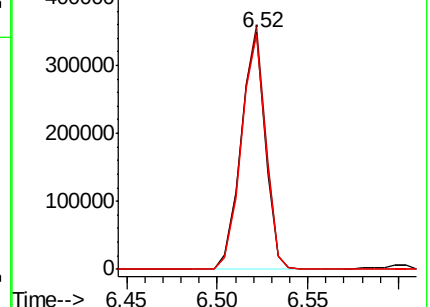
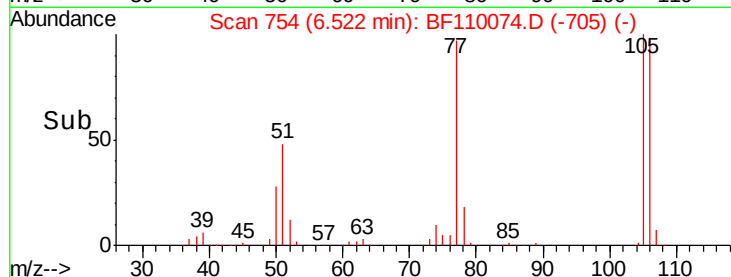
77 100

105 102.9 78.6 118.6

106 99.4 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.508 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

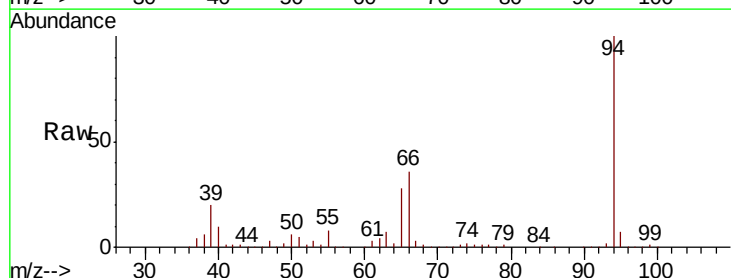
Tgt Ion: 94 Resp: 578198

Ion Ratio Lower Upper

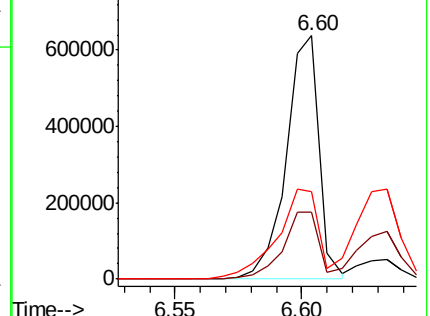
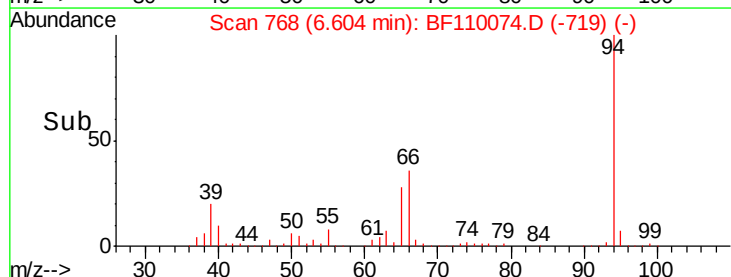
94 100

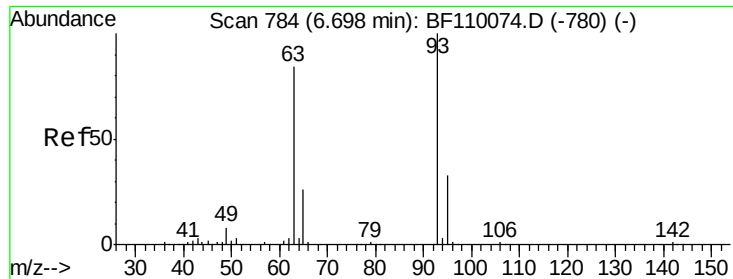
65 27.5 25.3 65.3

66 35.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

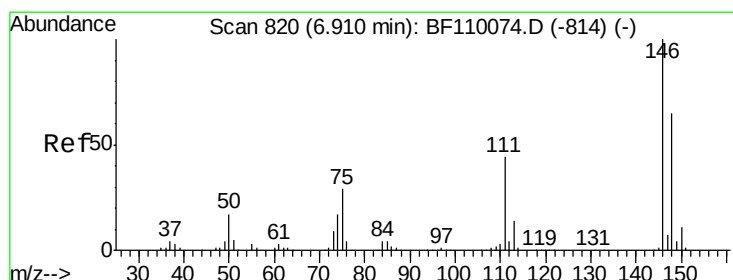
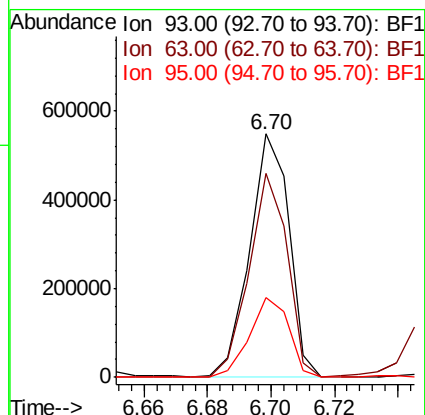
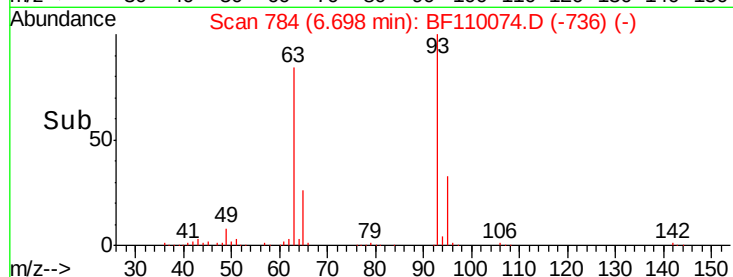
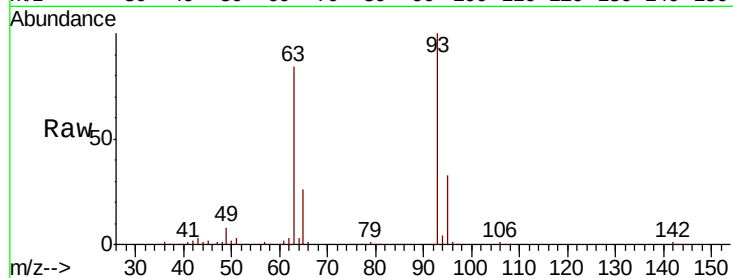




#11
bis(2-Chloroethyl)ether
Concen: 38.550 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

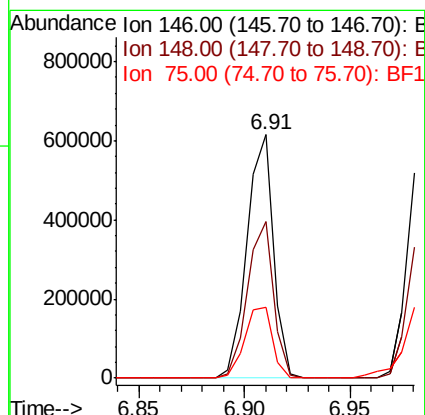
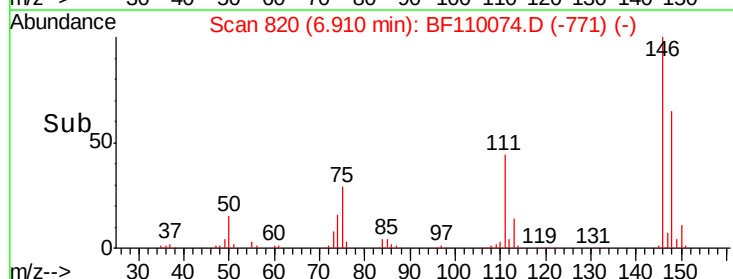
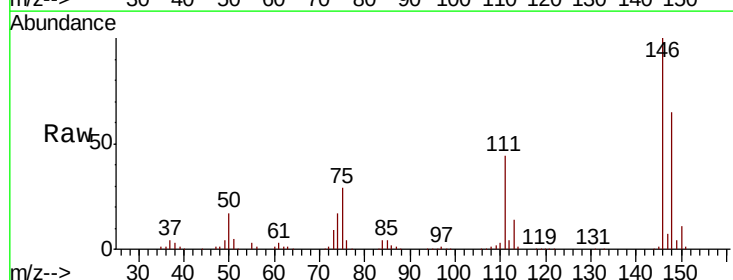
Instrument :
BNA_F
ClientSampleId :

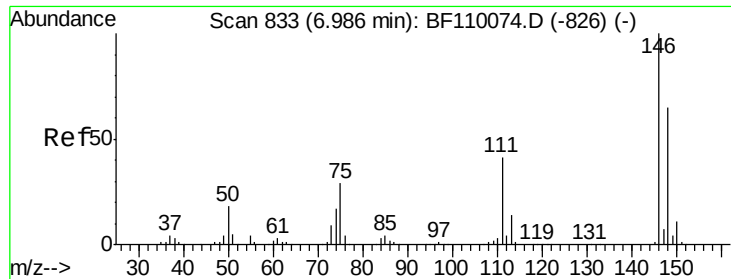
Tot Ion: 93 Resp: 471722
Ion Ratio Lower Upper
93 100
63 83.8 53.4 93.4
95 32.9 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 39.824 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion: 146 Resp: 533964
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
75 29.3 25.8 38.6

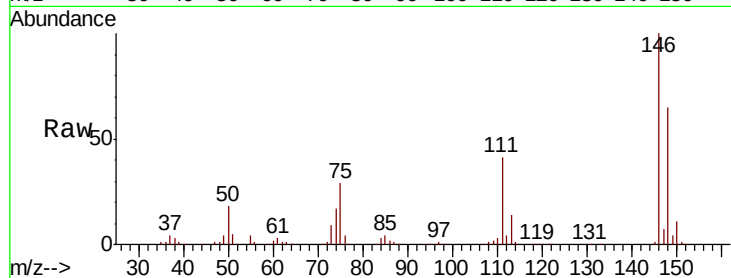




#13
 1,4-Dichlorobenzene
 Concen: 39.908 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.3	75.5
111	41.1	32.7	49.1

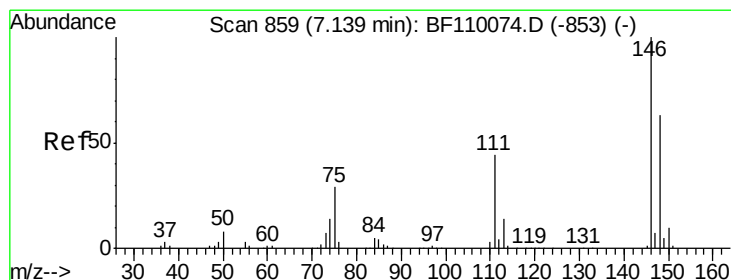
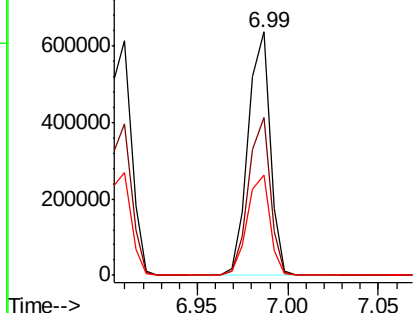
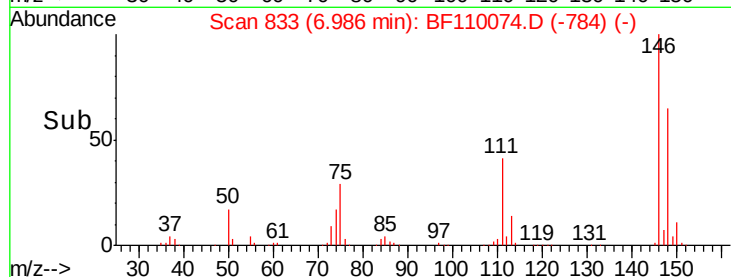


Abundance

Ion 146.00 (145.70 to 146.70): E

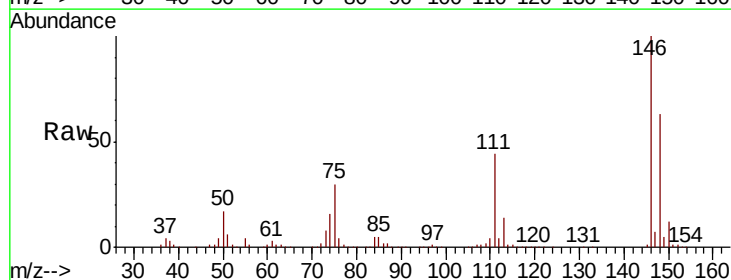
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.483 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.1	76.7
111	43.8	35.8	53.6

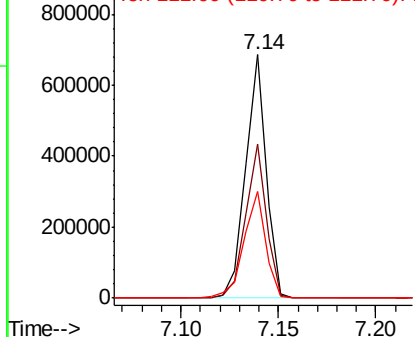
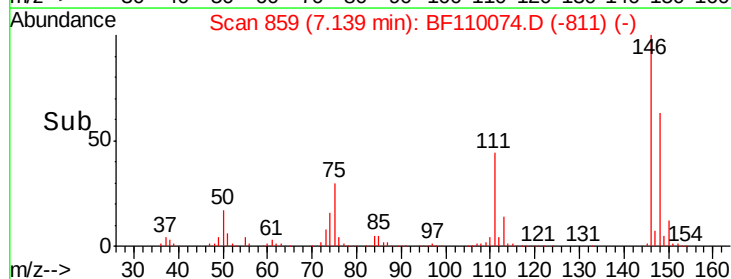


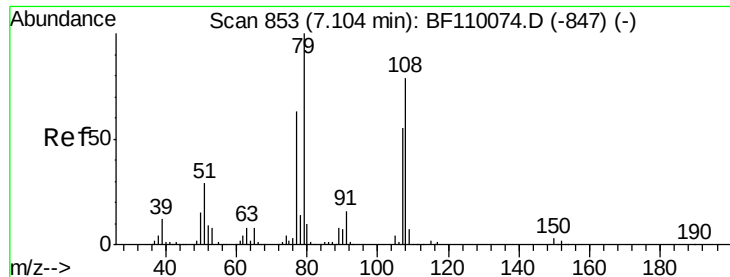
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

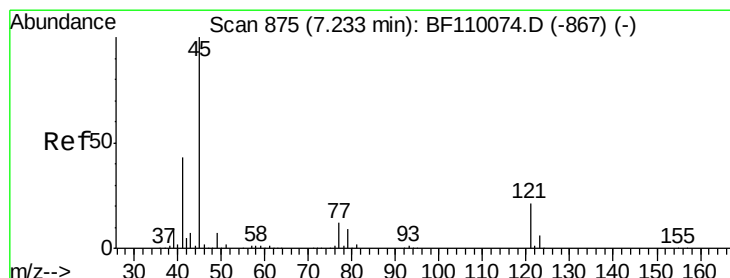
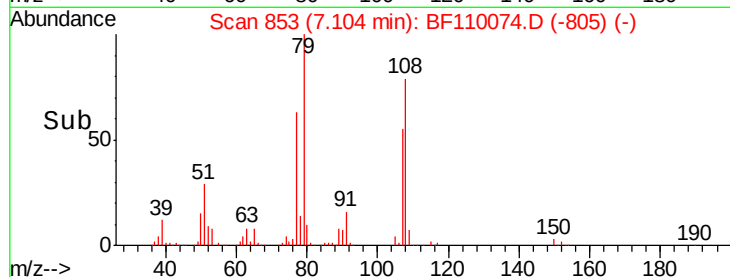
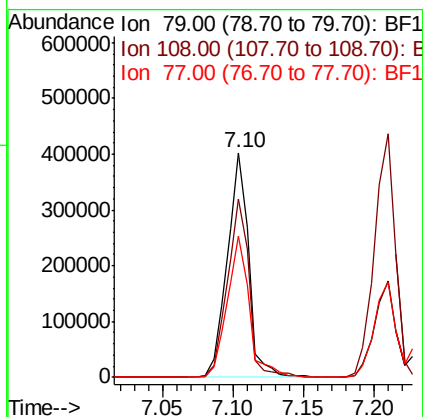
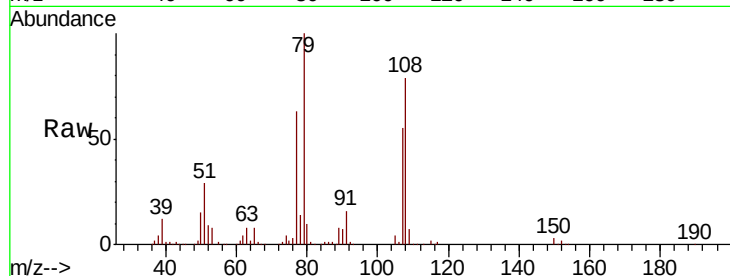




#15
Benzyl Alcohol
Concen: 40.853 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

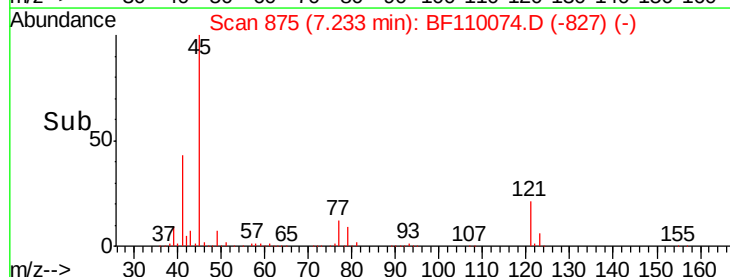
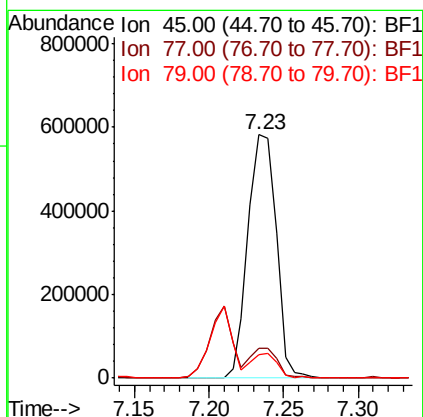
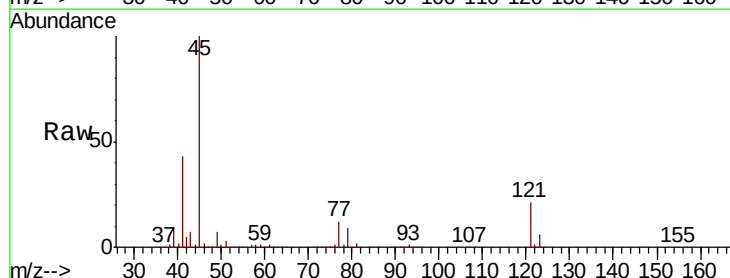
Instrument :
BNA_F
ClientSampled :

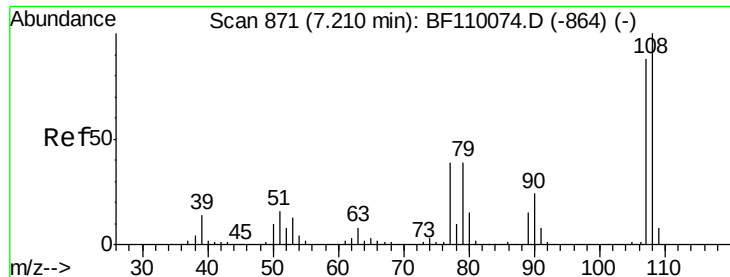
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	56.3	84.5
77	63.1	52.9	79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.996 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	10.0	50.0
79	9.4	6.1	46.1





#17

2-Methylphenol

Concen: 39.606 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 390516

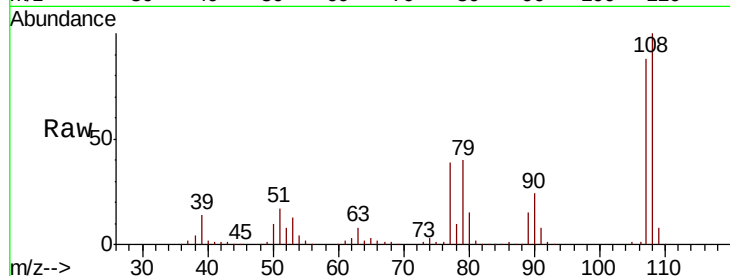
Ion Ratio Lower Upper

107 100

108 113.9 92.6 138.8

77 44.7 59.4 89.2#

79 45.1 54.0 81.0#



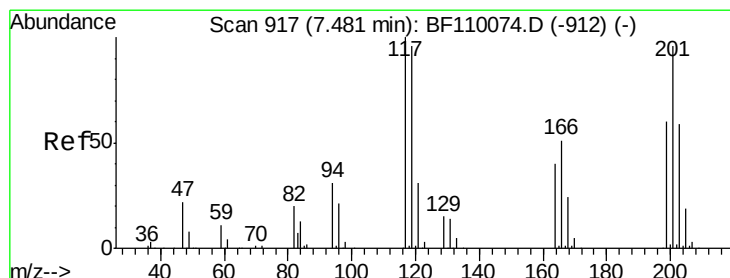
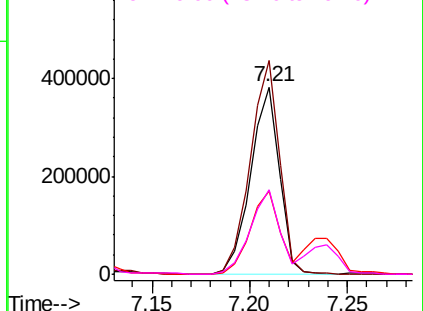
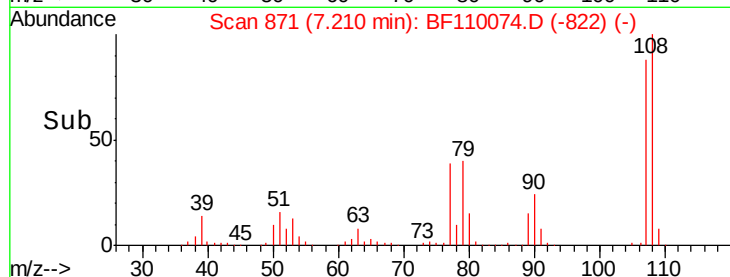
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.324 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

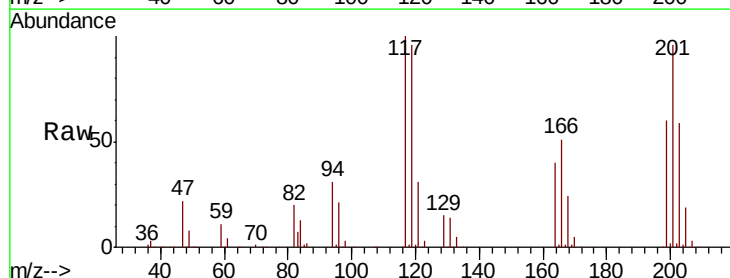
Tgt Ion:117 Resp: 197199

Ion Ratio Lower Upper

117 100

119 95.8 75.0 112.6

201 95.6 79.2 118.8

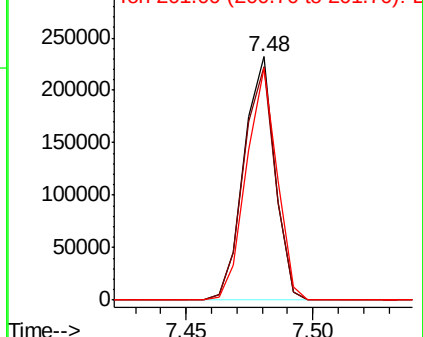
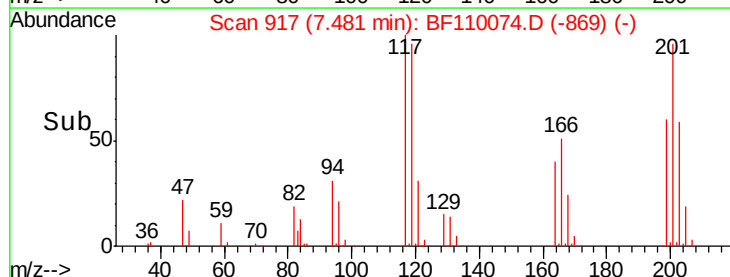


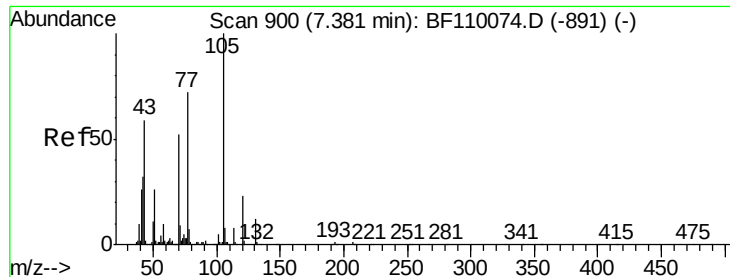
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

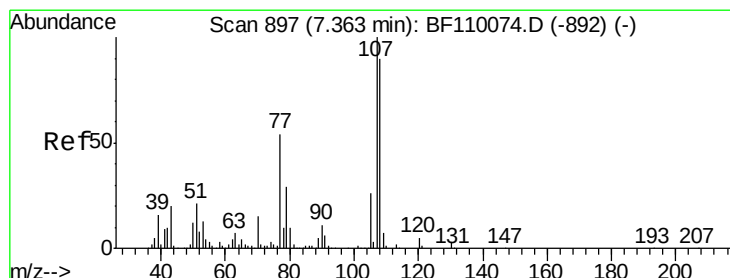
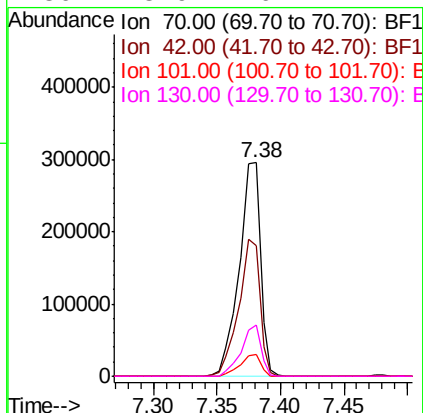
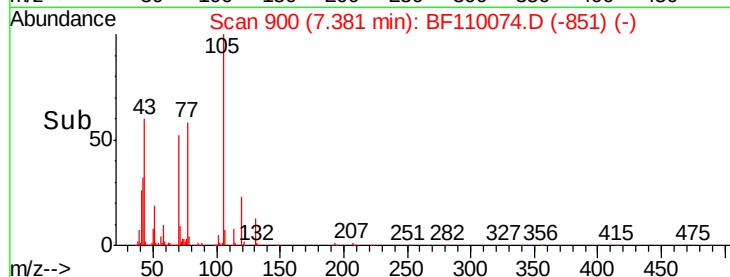
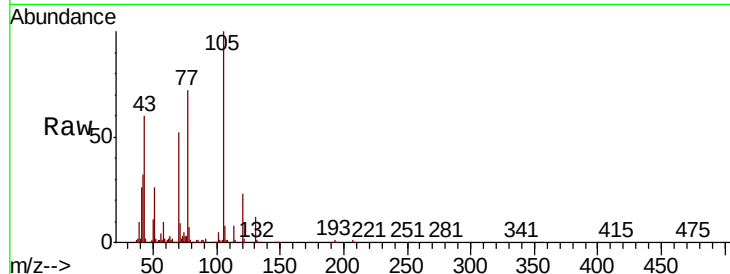




#19
n-Nitroso-di-n-propylamine
Concen: 39.621 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

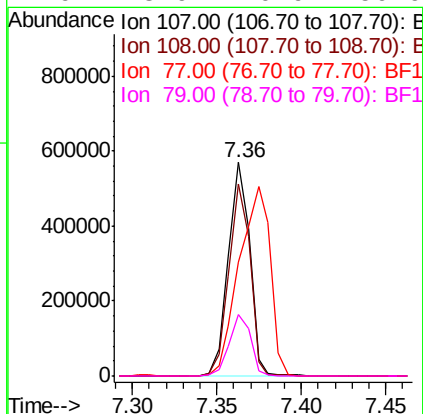
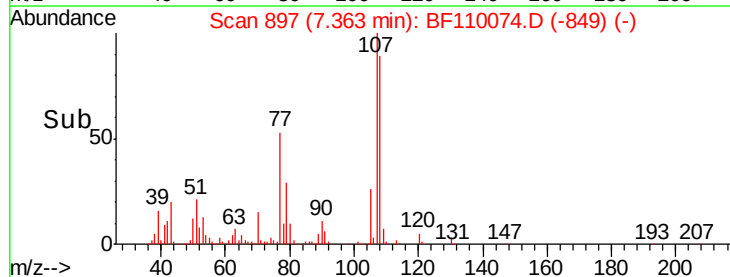
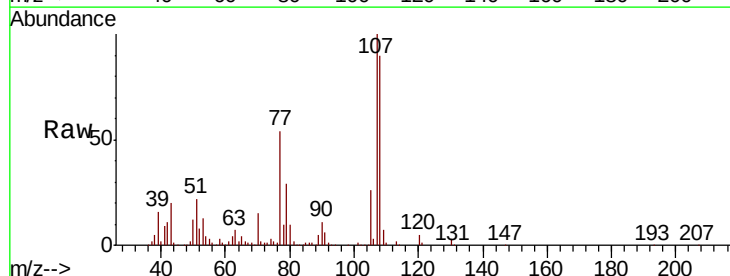
Instrument :
BNA_F
ClientSampleId :

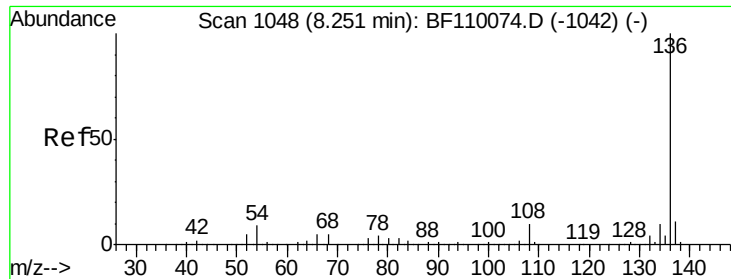
Tot Ion:	70	Resp:	344837
Ion	Ratio	Lower	Upper
70	100		
42	61.4	47.4	71.2
101	10.4	7.3	10.9
130	23.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 40.273 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:	107	Resp:	503902
Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.4	111.4
77	53.5	47.3	87.3
79	28.9	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 728380

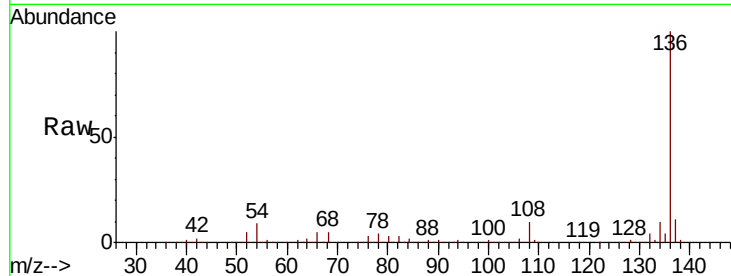
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.5 5.4 8.2#

68 5.5 4.2 6.2

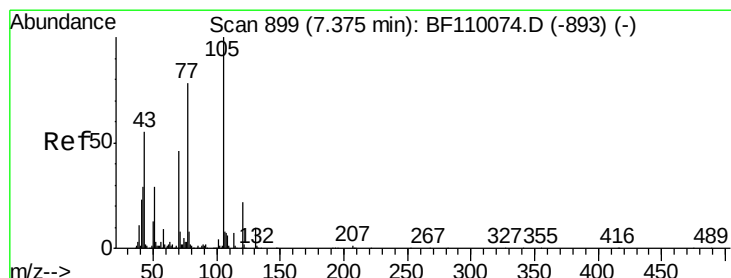
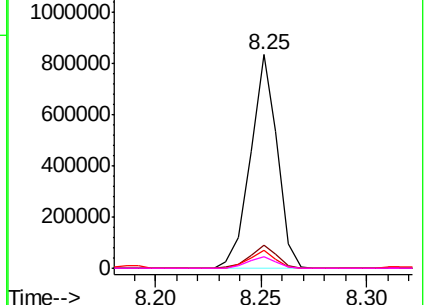
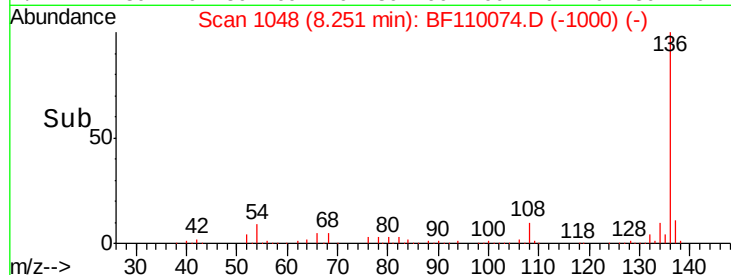


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.152 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Tgt Ion:105 Resp: 661340

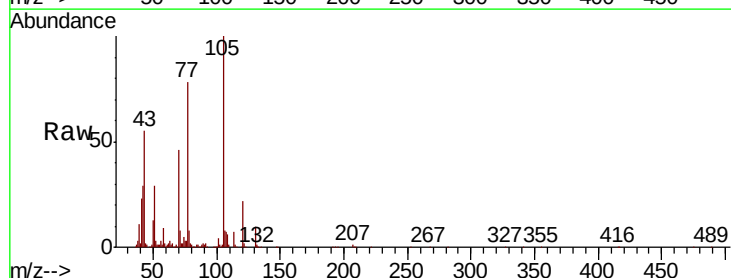
Ion Ratio Lower Upper

105 100

71 7.7 5.2 7.8

51 29.5 21.8 32.8

120 22.1 17.0 25.4

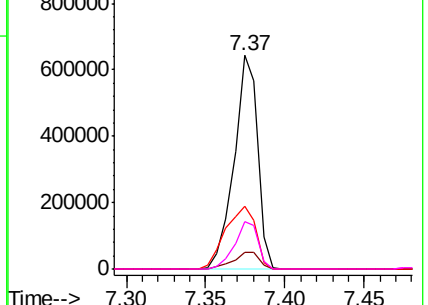
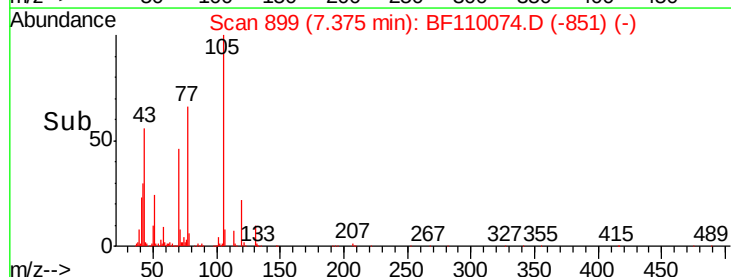


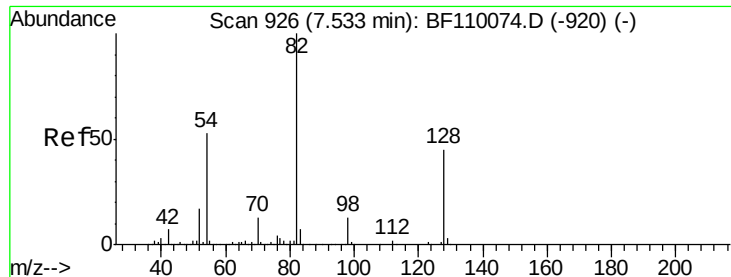
Abundance Ion 105.00 (104.70 to 105.70): E

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

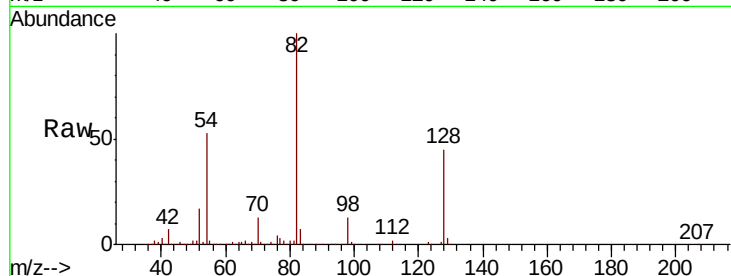




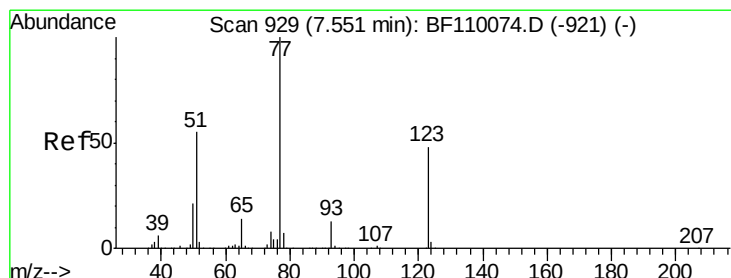
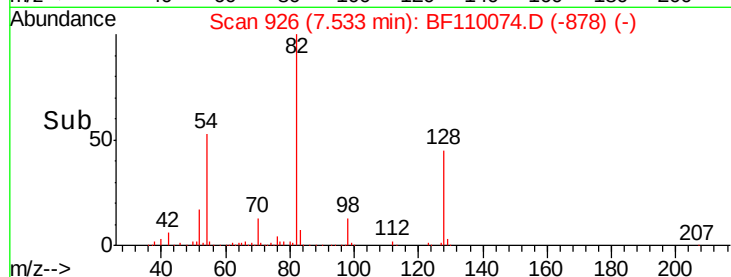
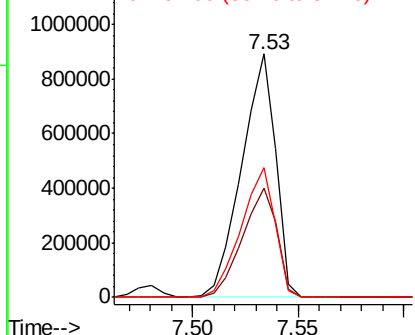
#23
 Nitrobenzene-d5
 Concen: 92.094 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	995779
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.2
54	53.1	38.6	58.0

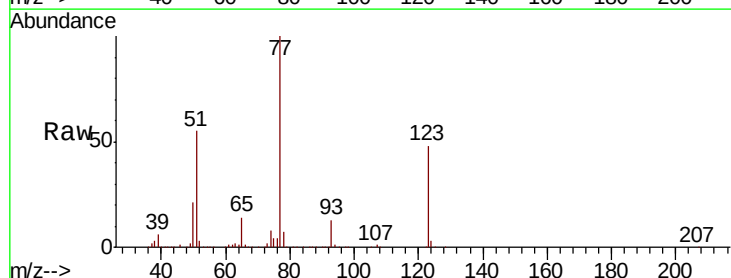


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

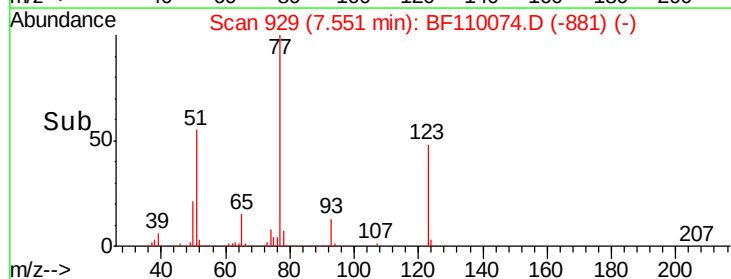
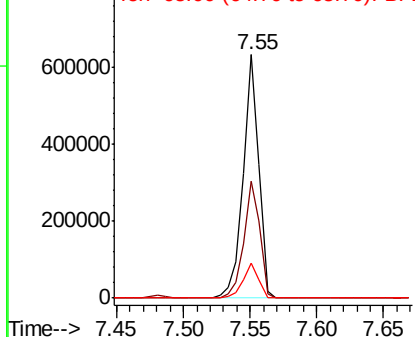


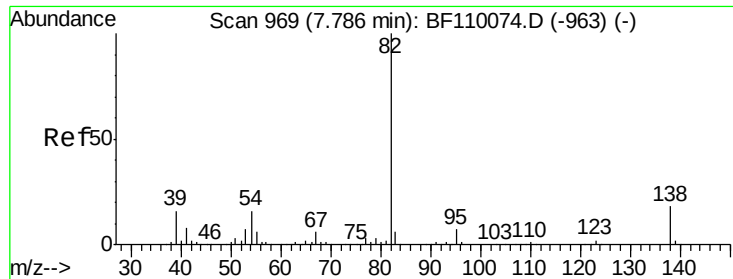
#24
 Nitrobenzene
 Concen: 43.703 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion	77	Resp	513342
Ion Ratio	Lower	Upper	
77	100		
123	47.8	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

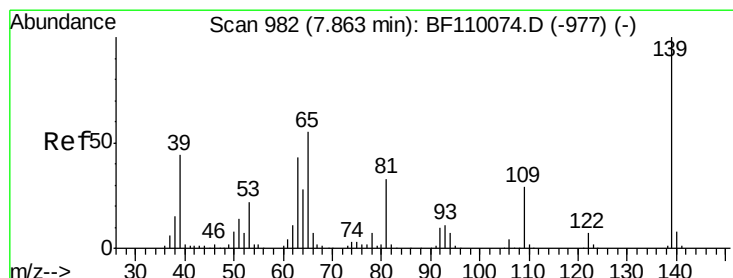
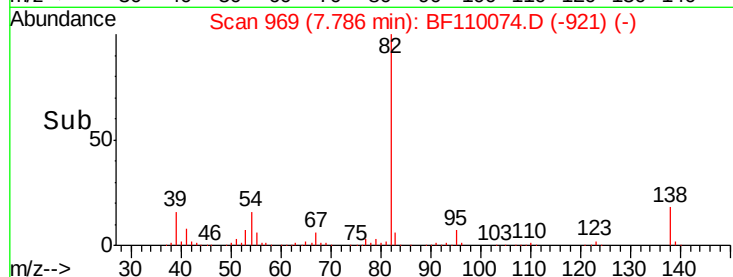
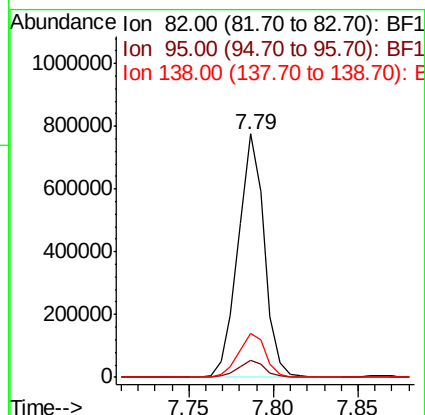
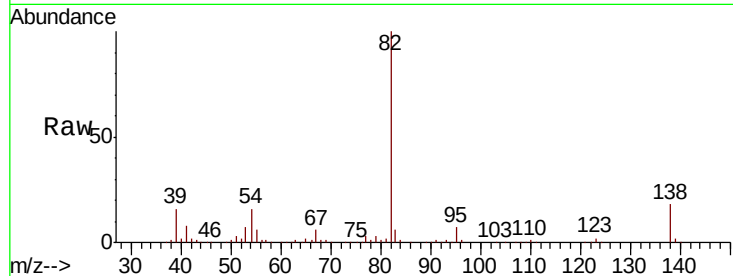




#25
Isophorone
Concen: 39.502 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

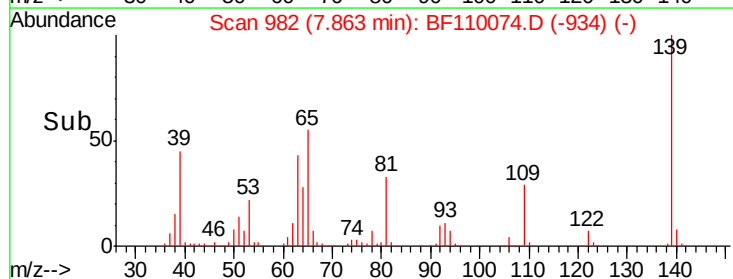
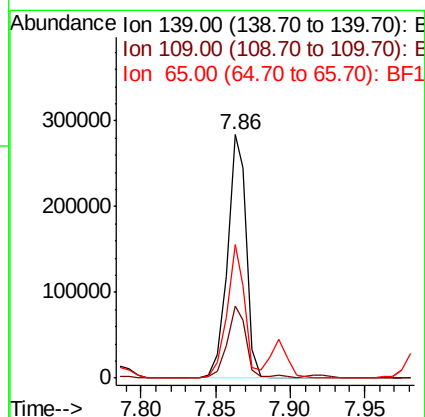
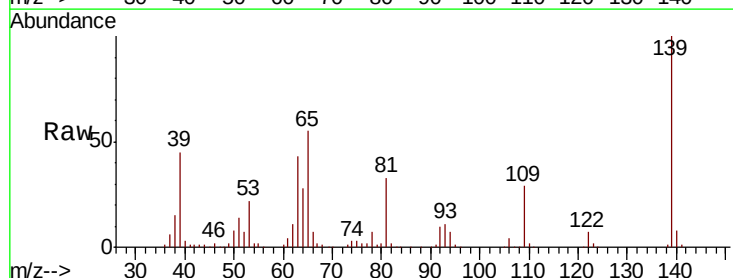
Instrument :
BNA_F
ClientSampled :

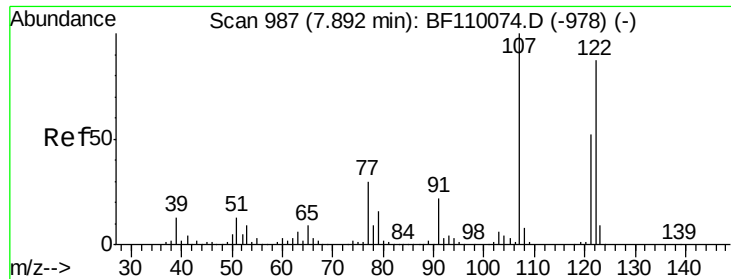
Tot Ion: 82 Resp: 839245
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.1 13.2 19.8



#26
2-Nitrophenol
Concen: 52.088 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion: 139 Resp: 253680
Ion Ratio Lower Upper
139 100
109 29.4 25.0 37.6
65 54.8 44.0 66.0

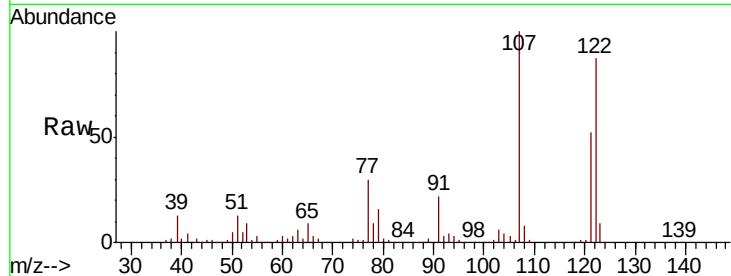




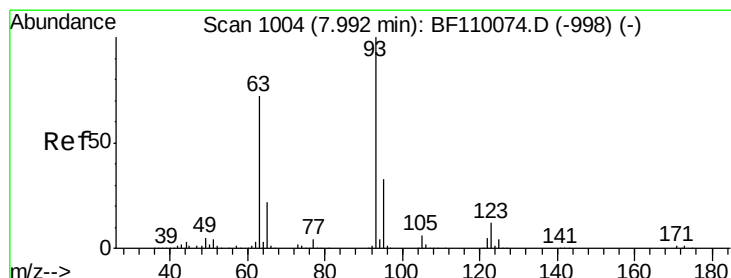
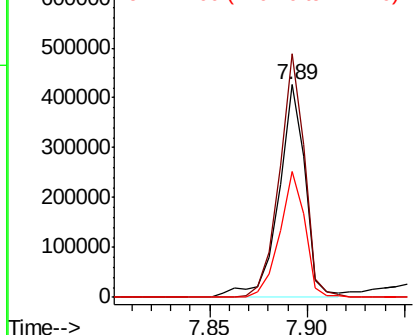
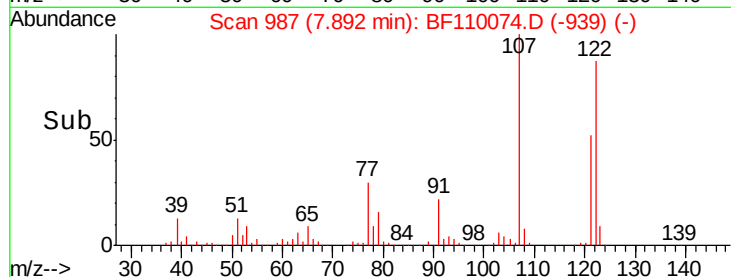
#27
2,4-Dimethylphenol
Concen: 39.208 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	92.5	138.7
121	59.1	45.8	68.8

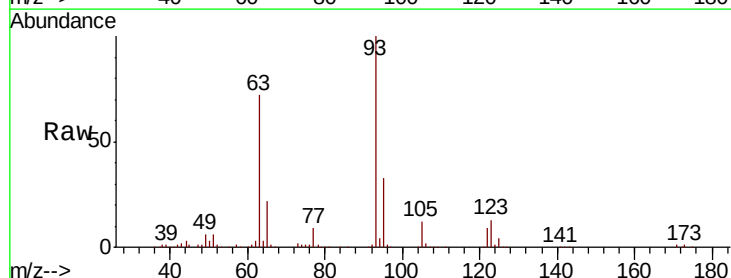


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

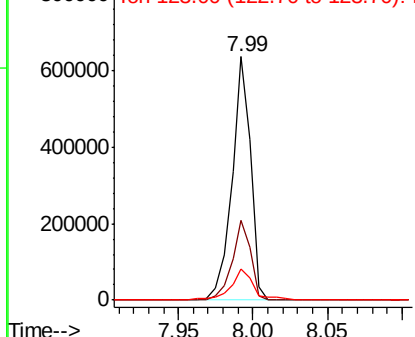
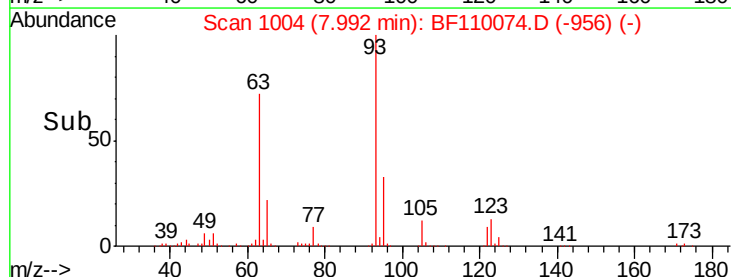


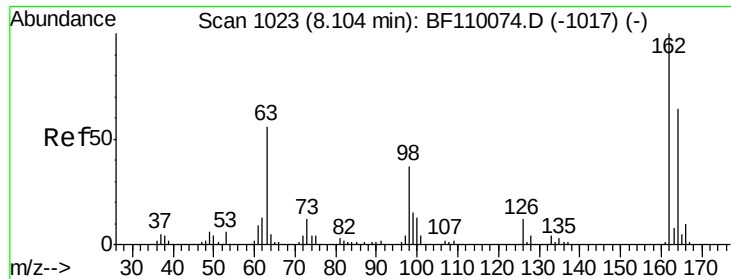
#28
bis(2-Chloroethoxy)methane
Concen: 38.482 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.6	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

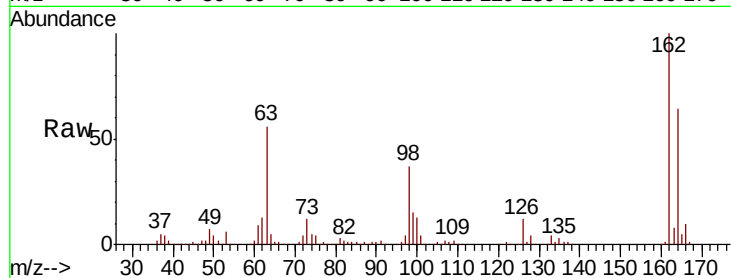




#29
 2,4-Dichlorophenol
 Concen: 41.155 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	37.0	17.4	57.4

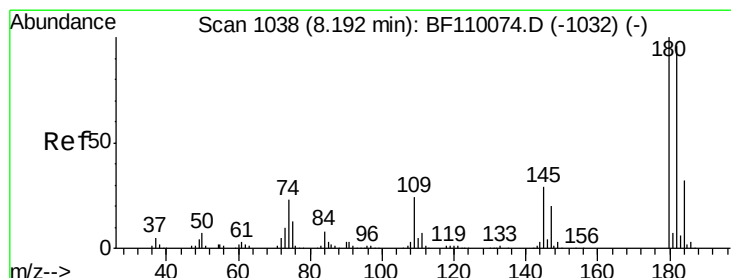
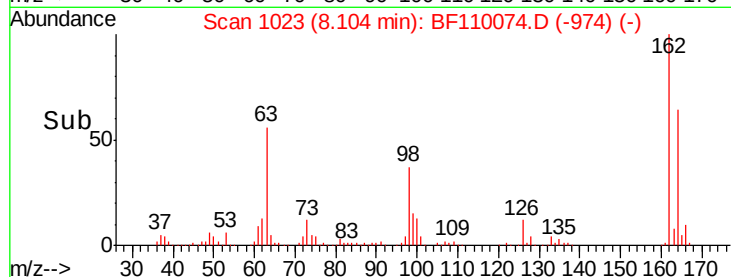
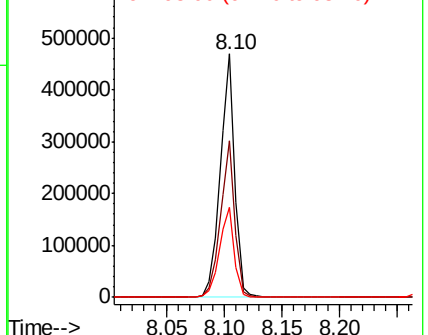


Abundance

Ion 162.00 (161.70 to 162.70): E

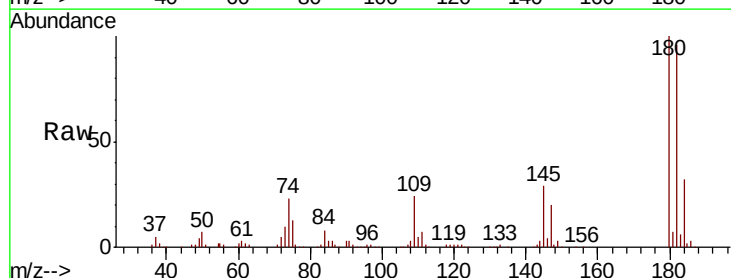
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.858 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	80.3	120.5
145	29.0	25.4	38.0

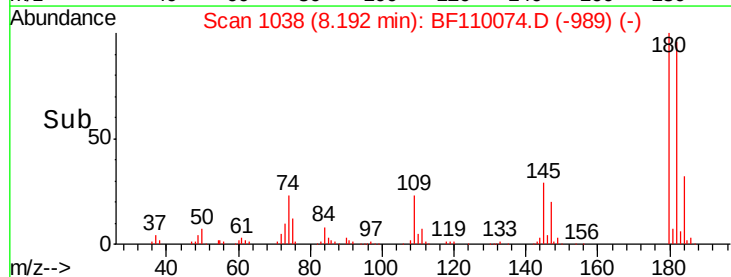
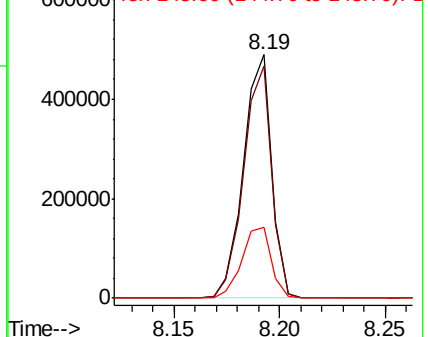


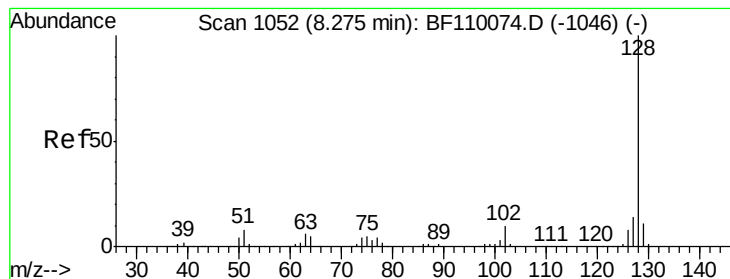
Abundance

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: 39.634 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

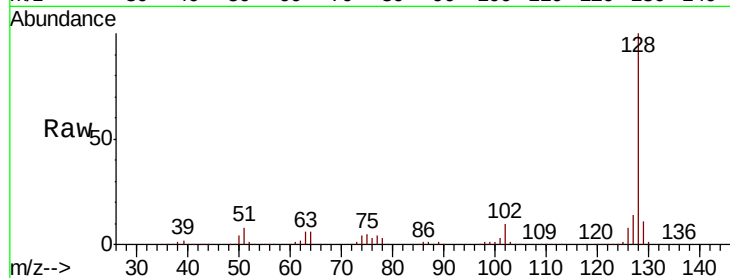
Tot Ion:128 Resp: 1323797

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

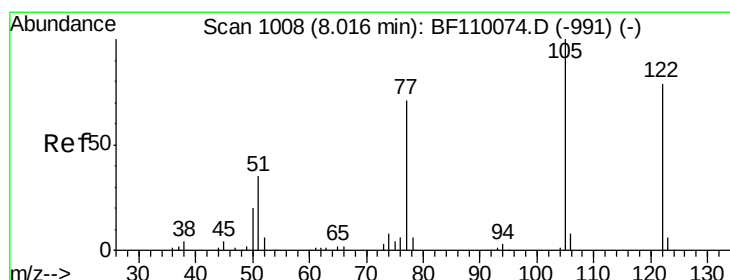
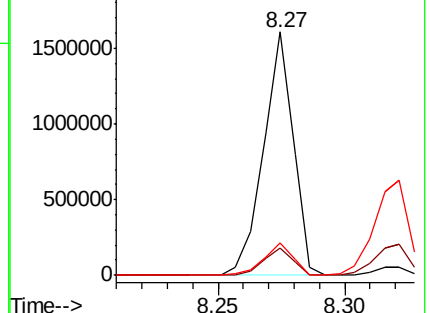
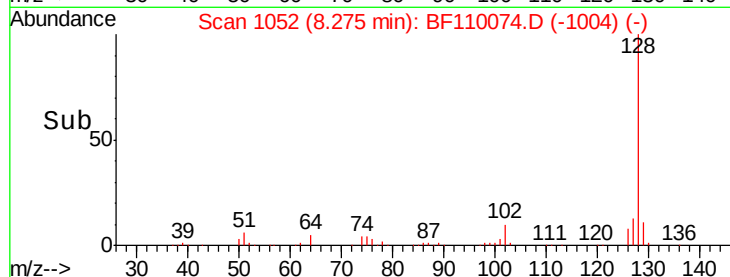
127 13.5 10.8 16.2



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: 50.020 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

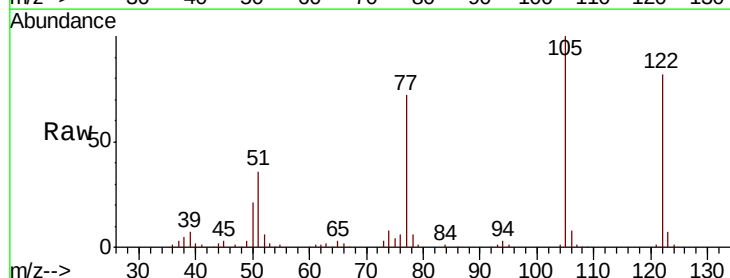
Tgt Ion:122 Resp: 318933

Ion Ratio Lower Upper

122 100

105 121.7 109.0 149.0

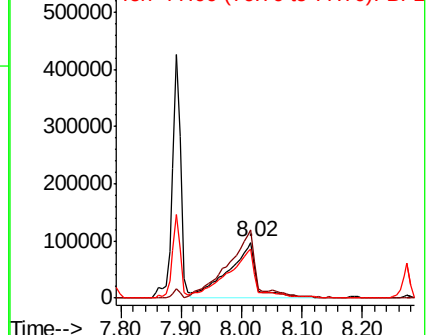
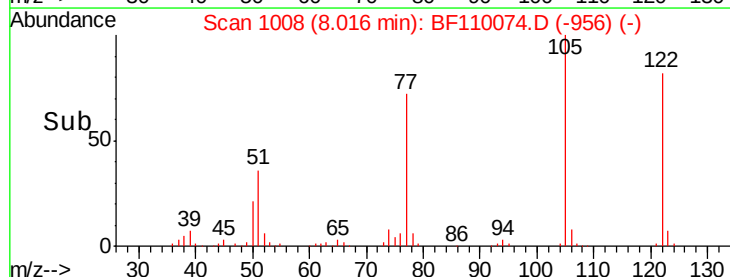
77 88.2 79.0 119.0

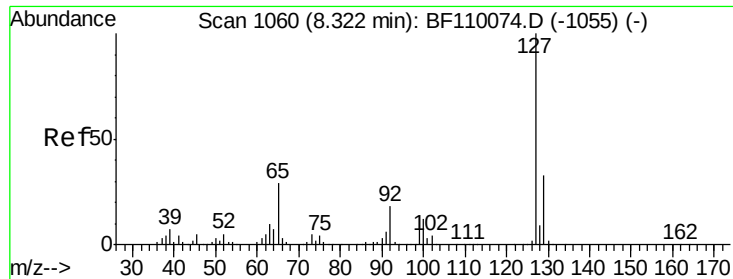


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

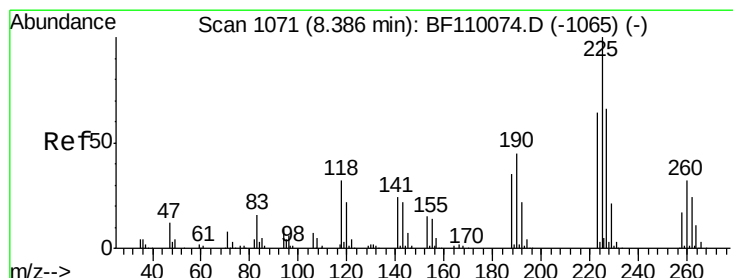
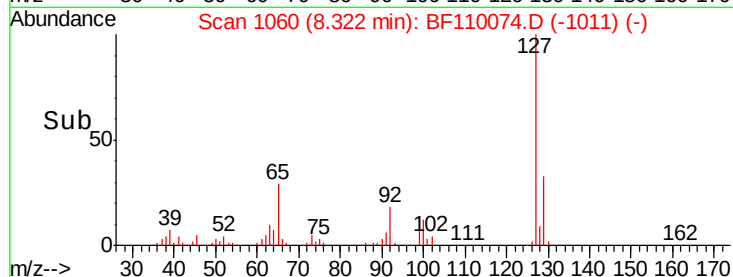
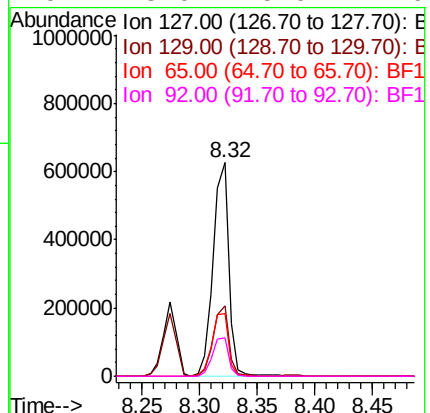
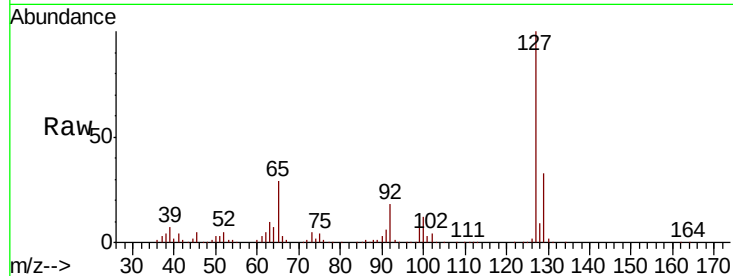




#33
4-Chloroaniline
Concen: 39.786 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

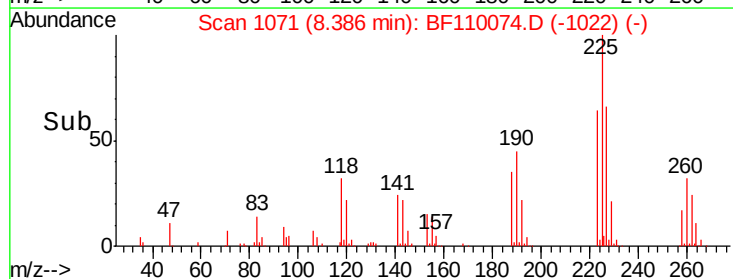
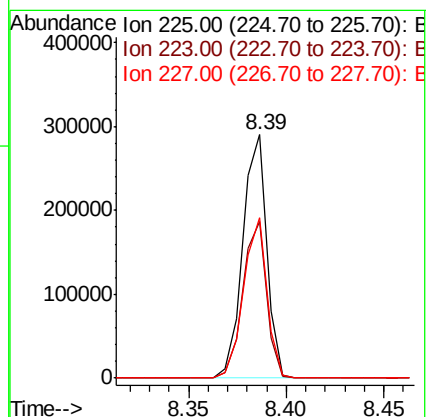
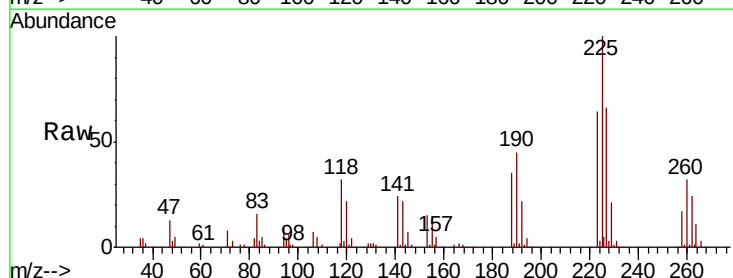
Instrument :
BNA_F
ClientSampled :

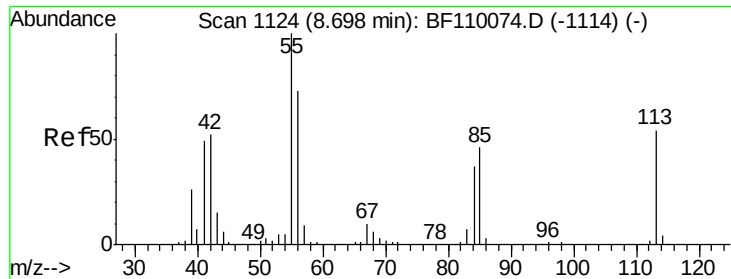
Tot Ion:	127	Resp:	597366
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	29.2	25.1	37.7
92	18.0	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.272 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:	225	Resp:	246845
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.2
227	65.9	51.0	76.6

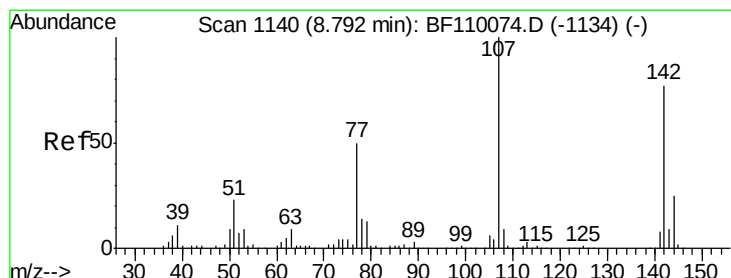
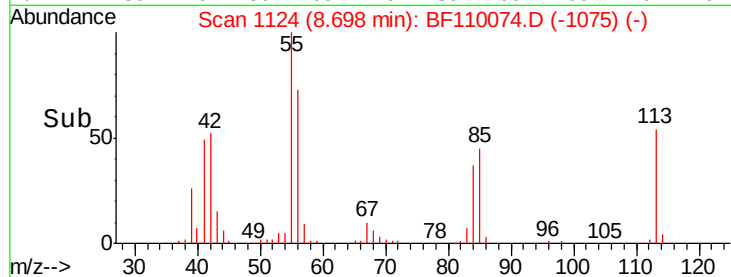
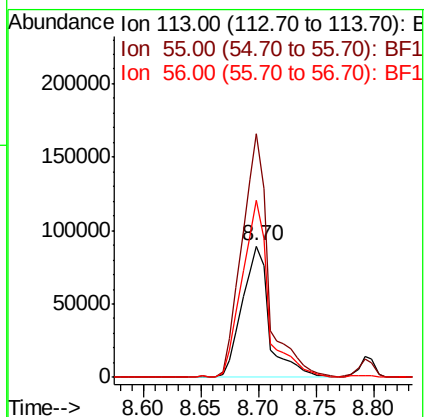
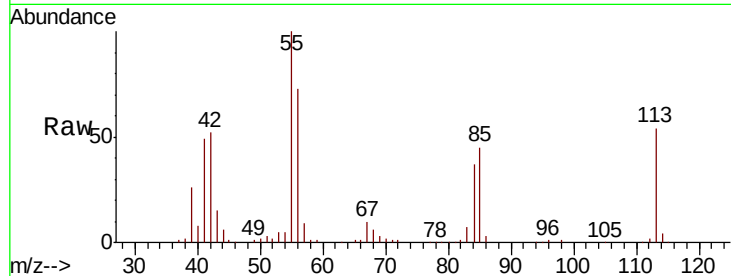




#35
 Caprolactam
 Concen: 41.305 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

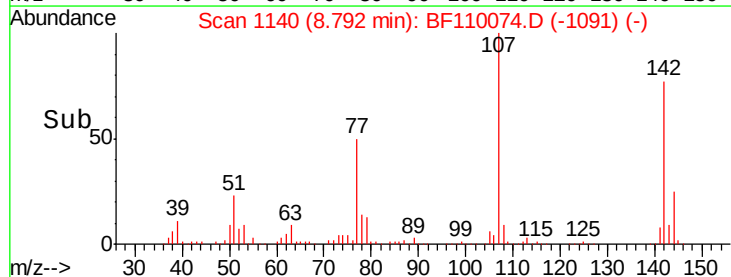
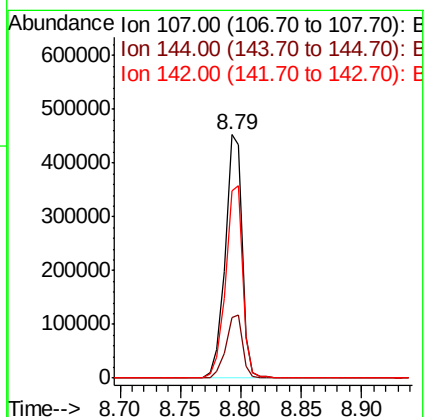
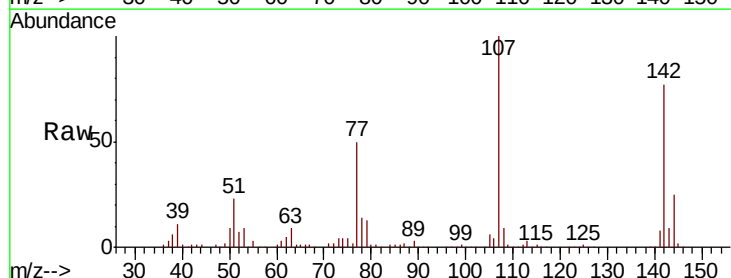
Instrument :
 BNA_F
 ClientSampled :

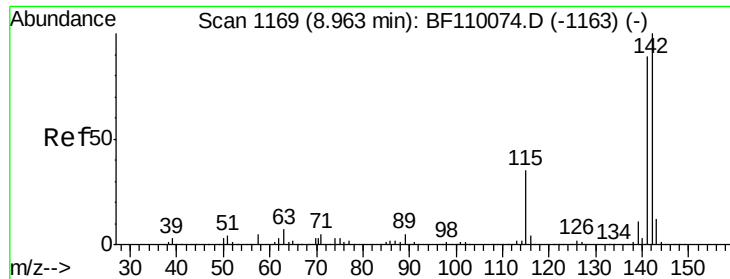
Tot Ion:113 Resp: 145626
 Ion Ratio Lower Upper
 113 100
 55 185.1 142.8 182.8#
 56 134.5 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.096 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion:107 Resp: 440855
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.0 30.0
 142 77.2 59.7 89.5

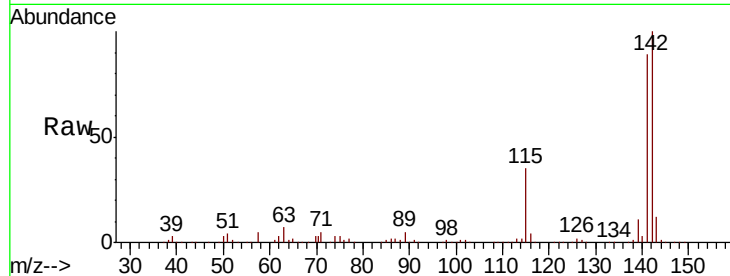




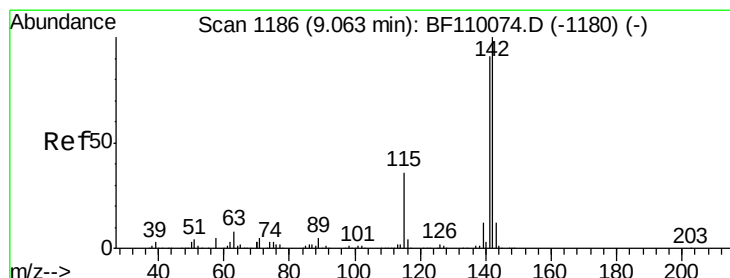
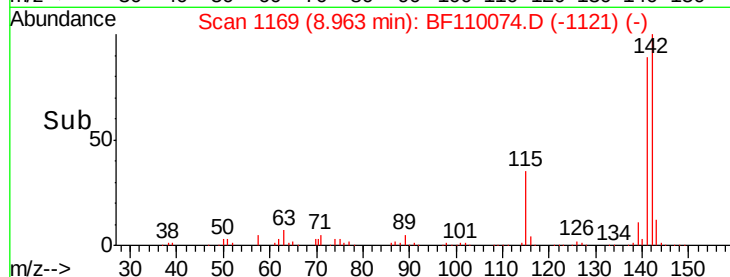
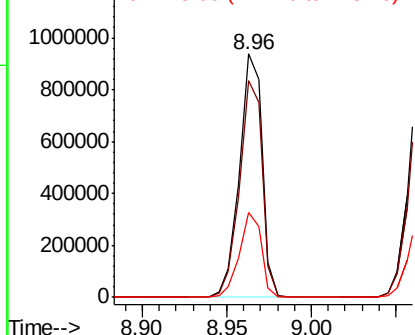
#37
2-Methylnaphthalene
Concen: 40.598 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 878066
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 34.9 28.7 43.1

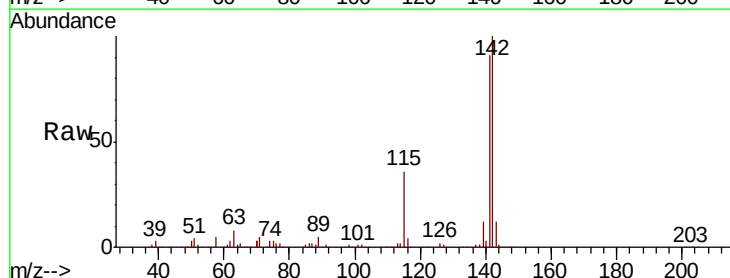


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

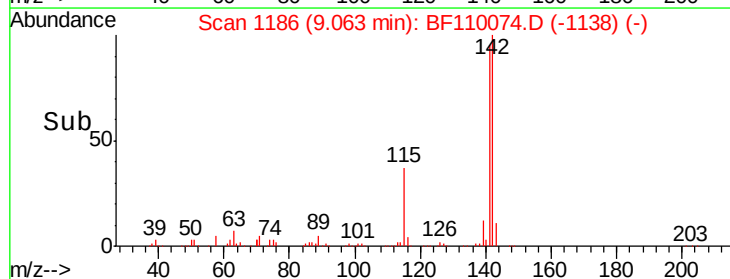
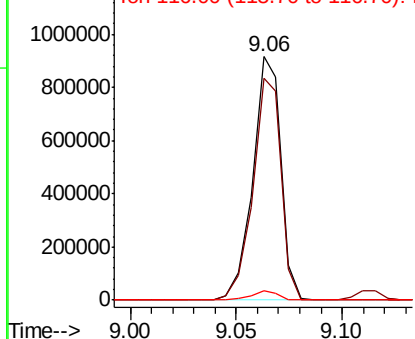


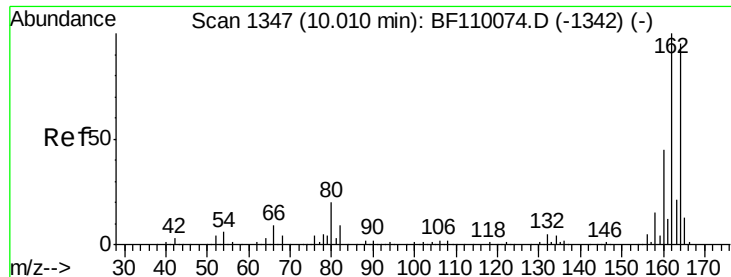
#38
1-Methylnaphthalene
Concen: 40.436 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:142 Resp: 847434
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampled :

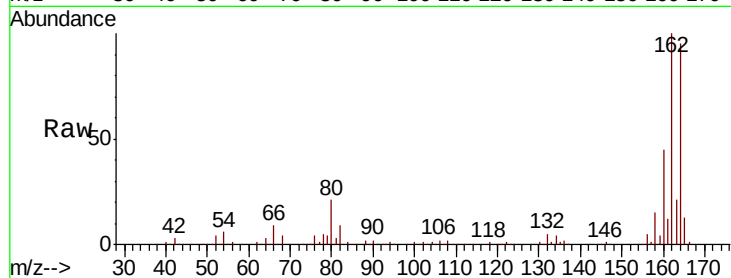
Tot Ion:164 Resp: 345697

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

160 47.5 37.0 55.6

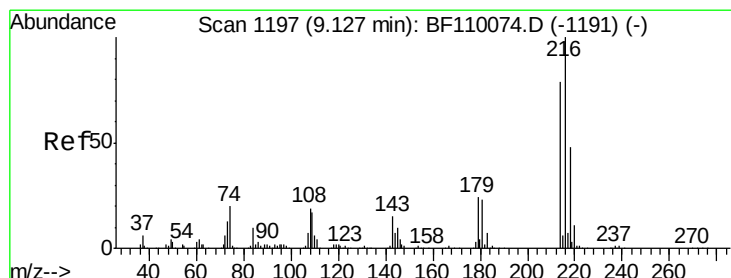
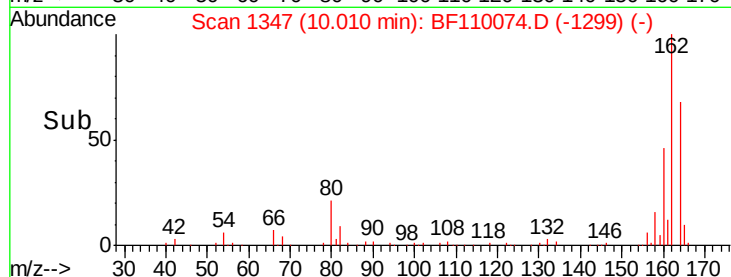
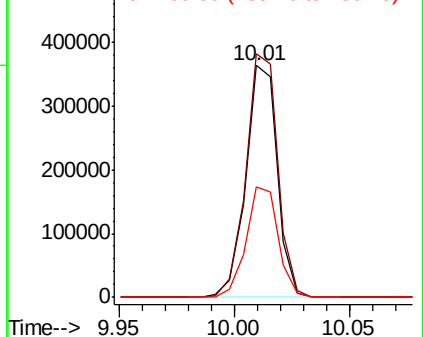


Abundance

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: 40.384 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Tgt Ion:216 Resp: 430001

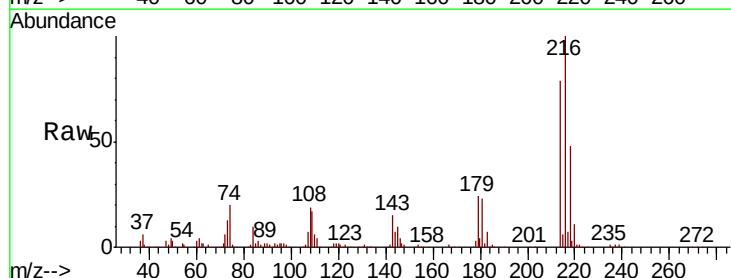
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 23.1 16.6 25.0

108 20.0 15.1 22.7



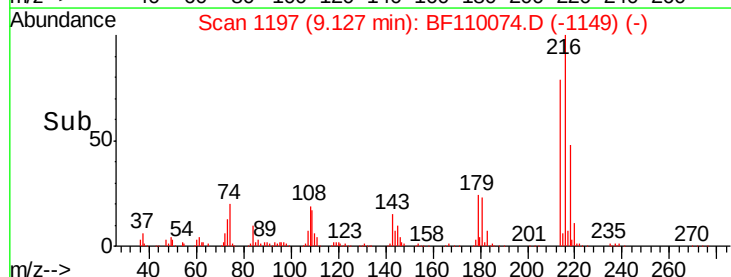
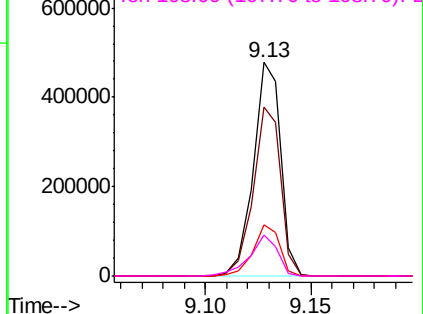
Abundance

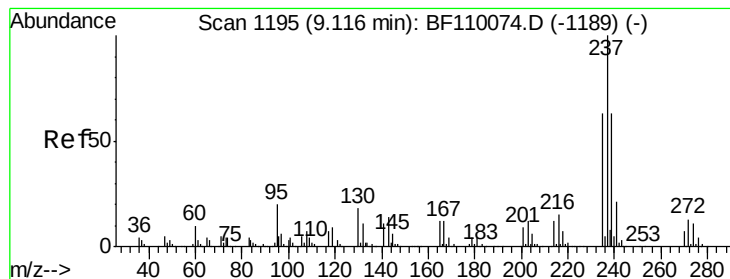
Ion 216.00 (215.70 to 216.70): E

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: 45.773 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

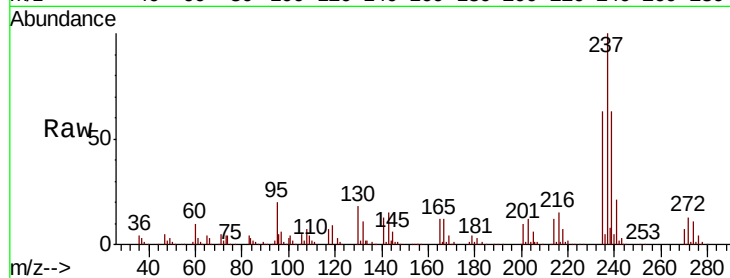
Tot Ion:237 Resp: 235239

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

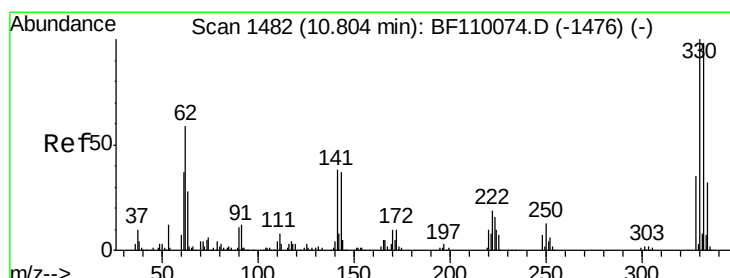
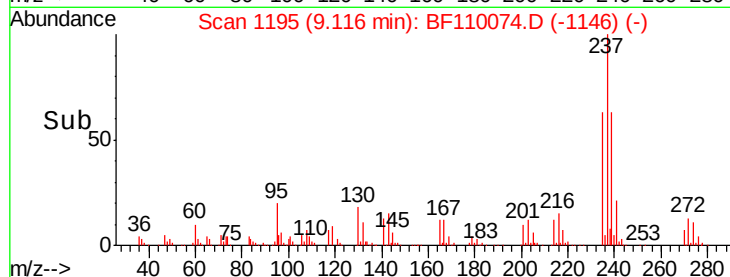
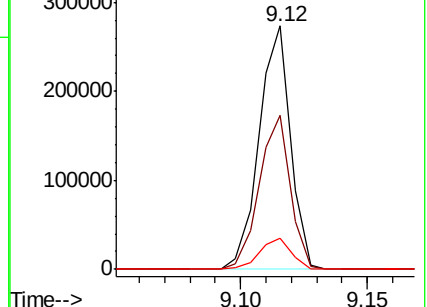
272 12.8 0.0 32.6



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: 92.304 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

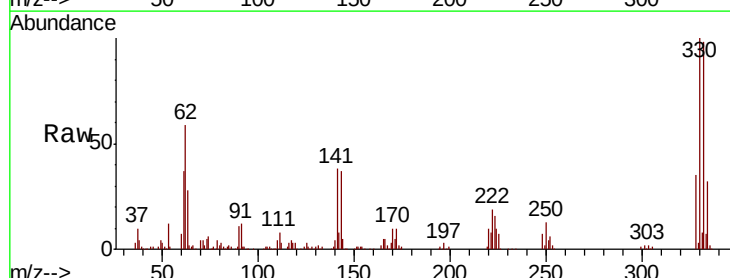
Tgt Ion:330 Resp: 276261

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

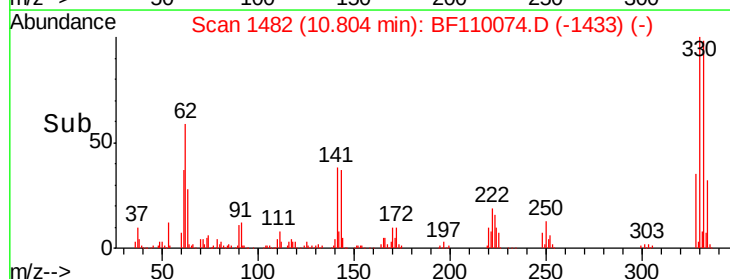
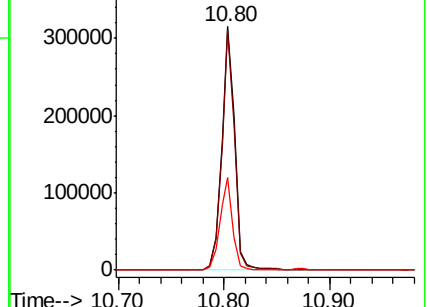
141 37.2 27.0 40.4

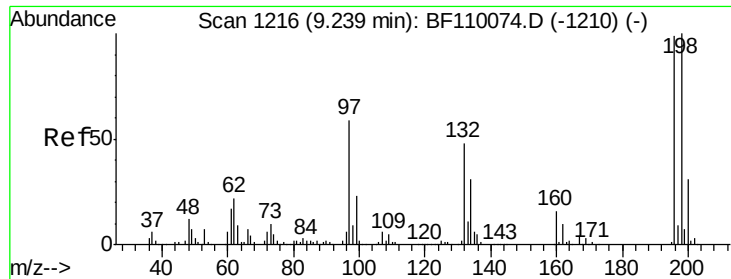


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

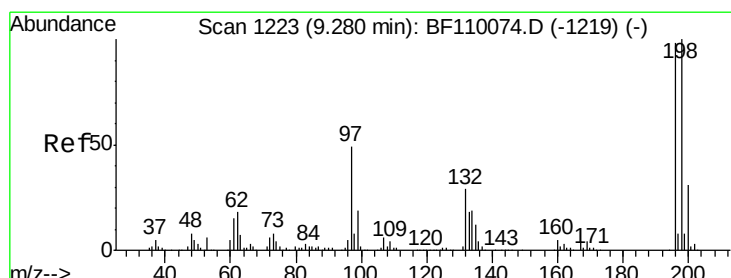
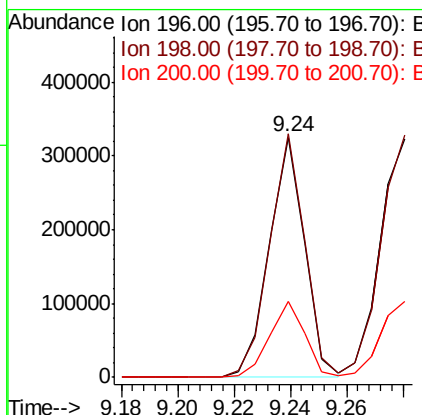
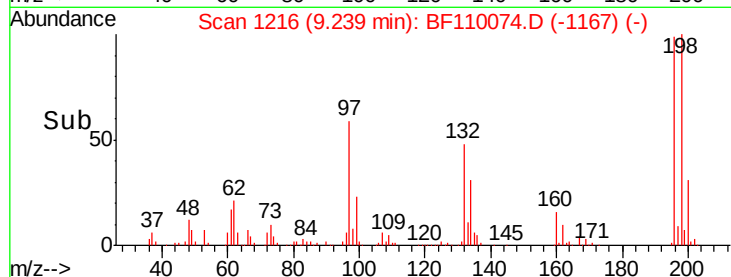
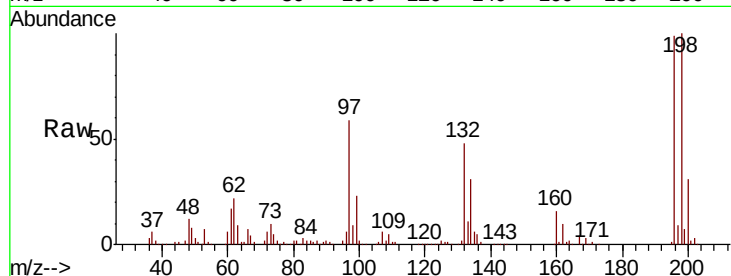




#43
 2,4,6-Trichlorophenol
 Concen: 42.652 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

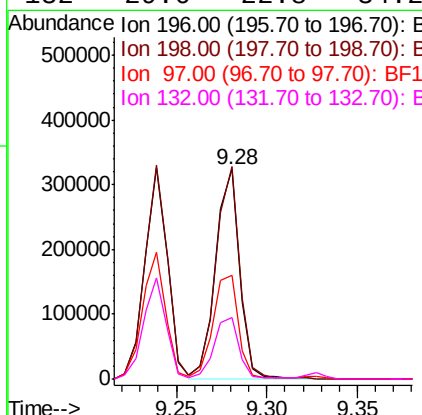
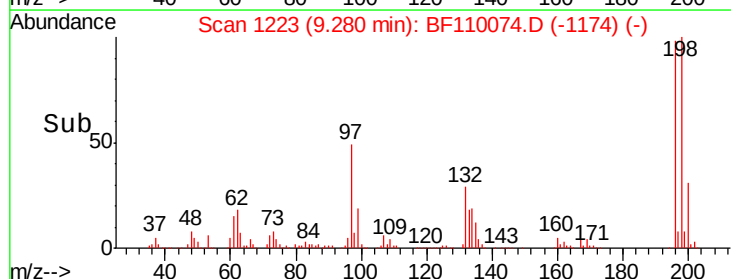
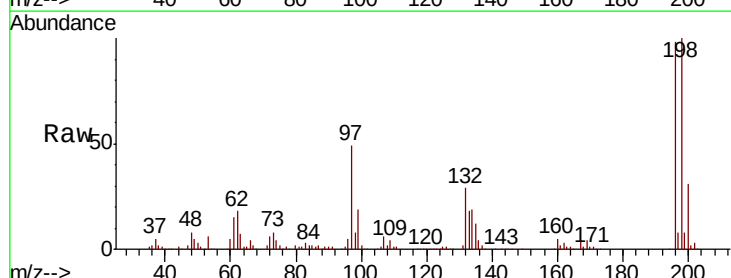
Instrument :
 BNA_F
 ClientSampleId :

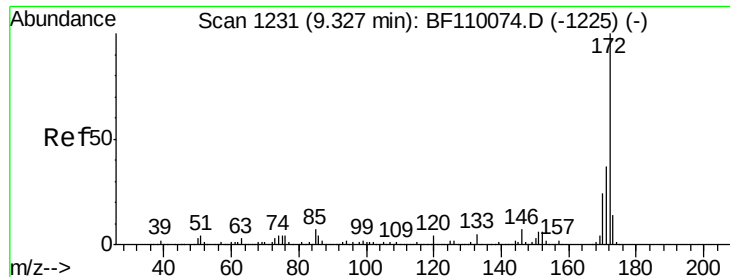
Tot Ion	Ratio	Lower	Upper
196	100		
198	101.3	76.2	114.4
200	31.7	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.030 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.7	75.8	113.6
97	49.6	42.4	63.6
132	29.6	22.8	34.2

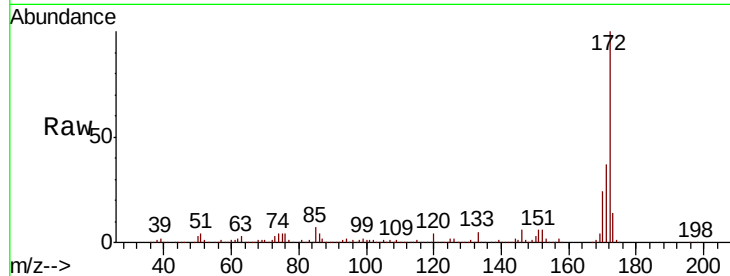




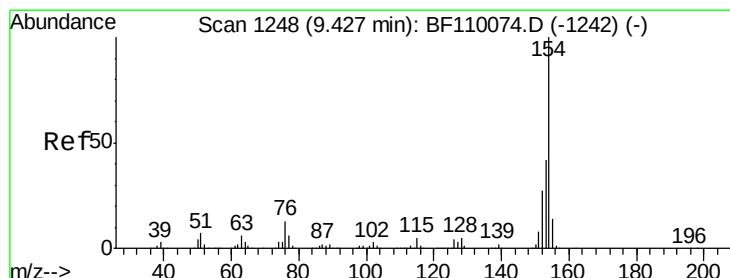
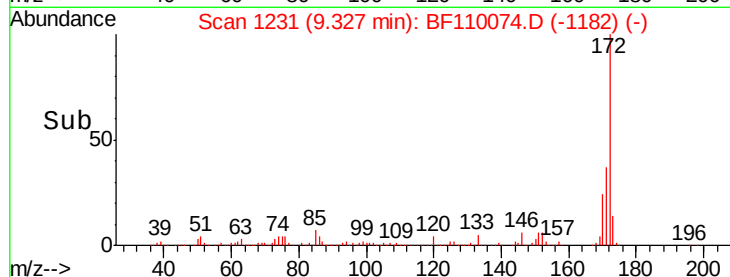
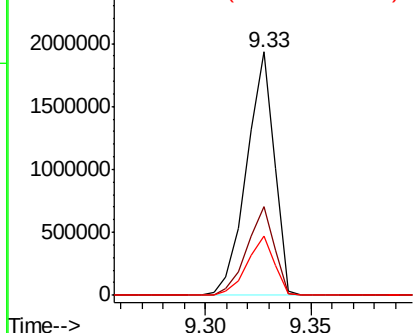
#45
2-Fluorobiphenyl
Concen: 81.625 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1768387
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 24.5 19.7 29.5

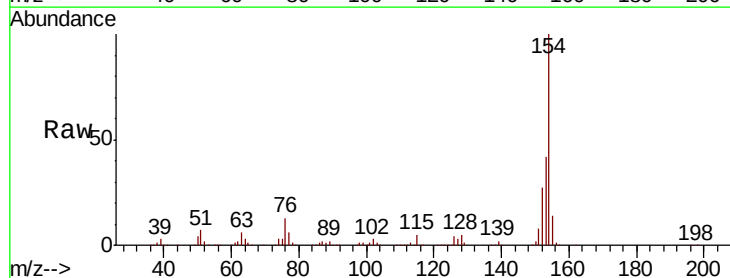


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

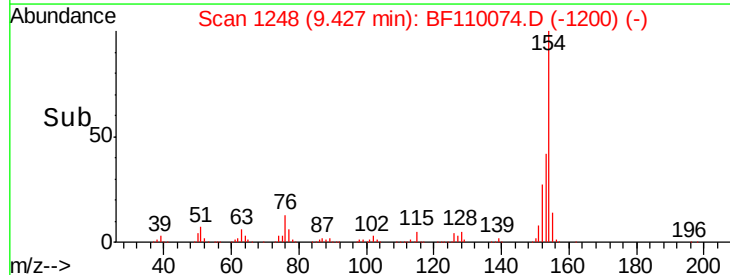
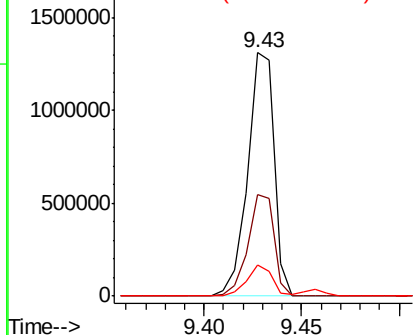


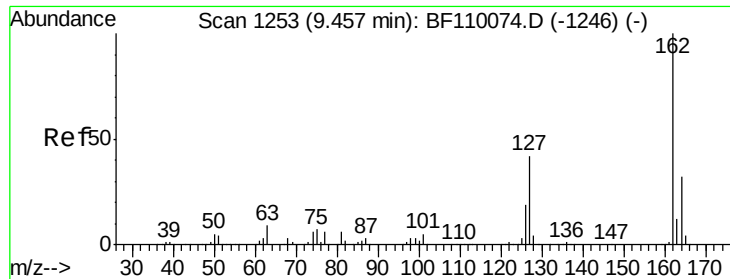
#46
1,1'-Biphenyl
Concen: 39.896 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:154 Resp: 1228792
Ion Ratio Lower Upper
154 100
153 41.6 20.4 60.4
76 12.8 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

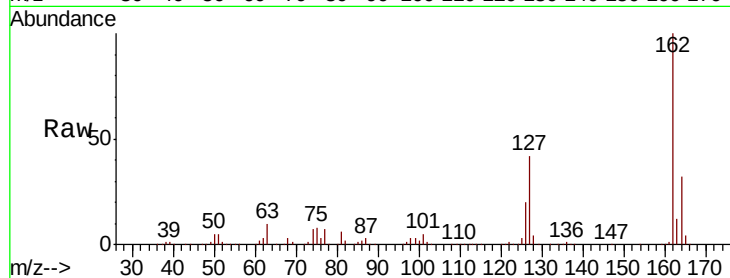




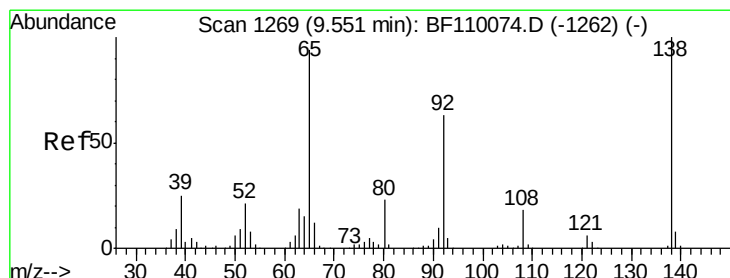
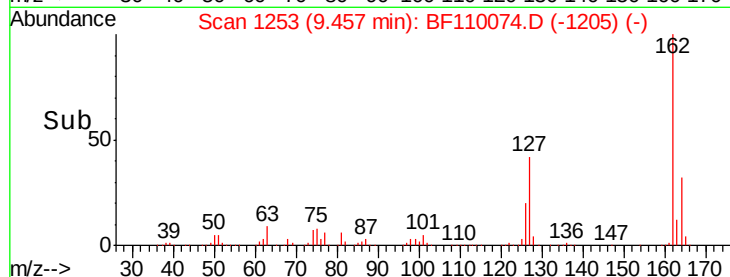
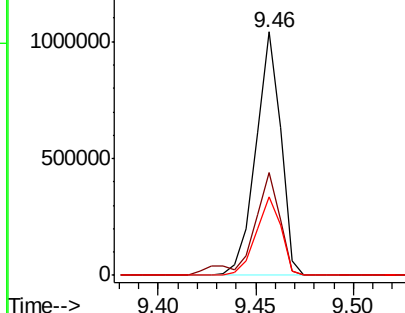
#47
 2-Chloronaphthalene
 Concen: 40.365 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	32.6	48.8
164	32.5	25.9	38.9

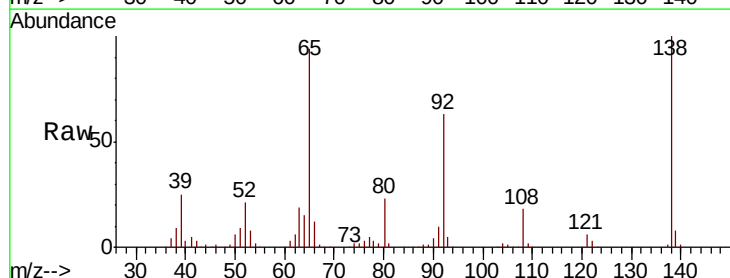


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

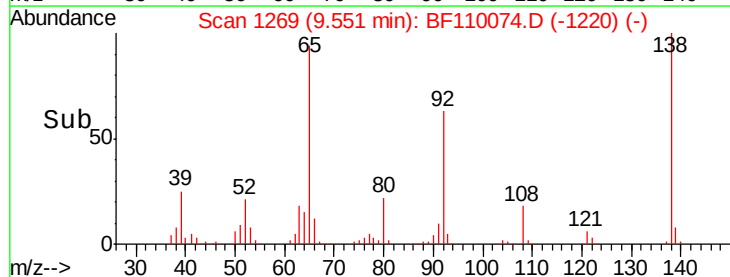
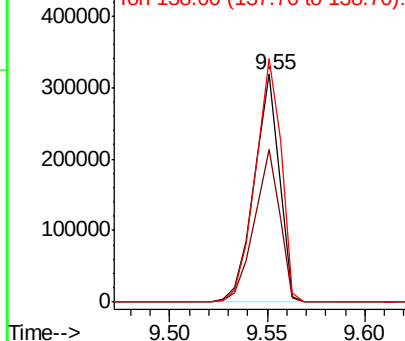


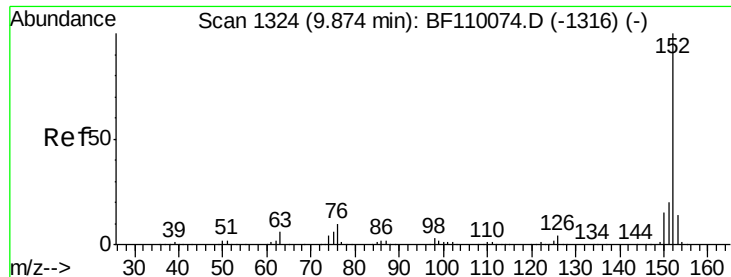
#48
 2-Nitroaniline
 Concen: 48.989 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	81.8
138	106.8	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: 40.116 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

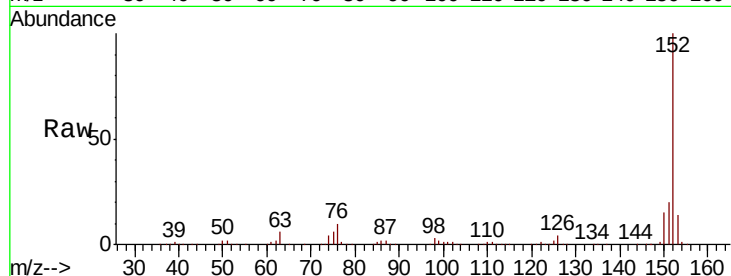
Tot Ion:152 Resp: 1322161

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

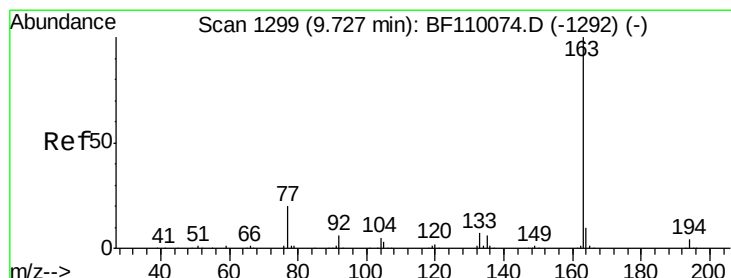
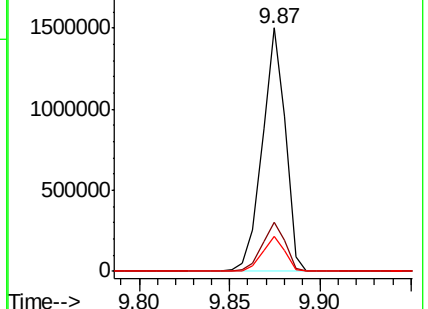
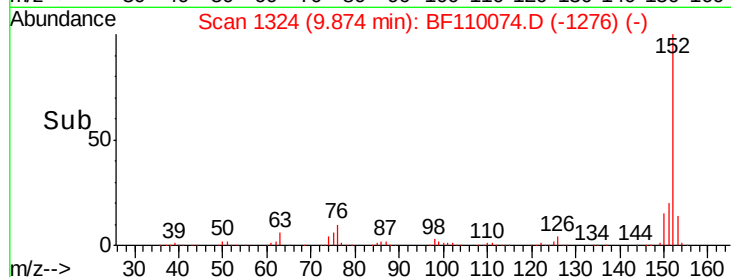
153 14.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.223 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

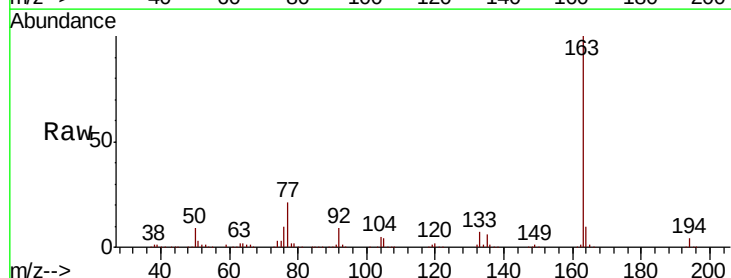
Tgt Ion:163 Resp: 1009071

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

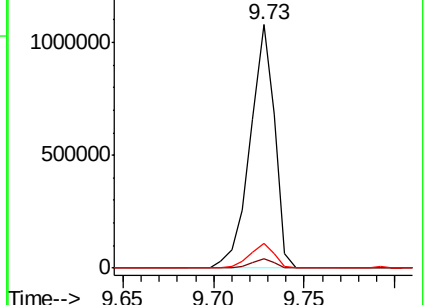
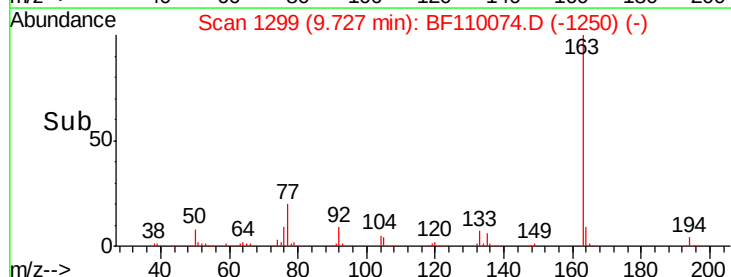
164 10.3 8.1 12.1

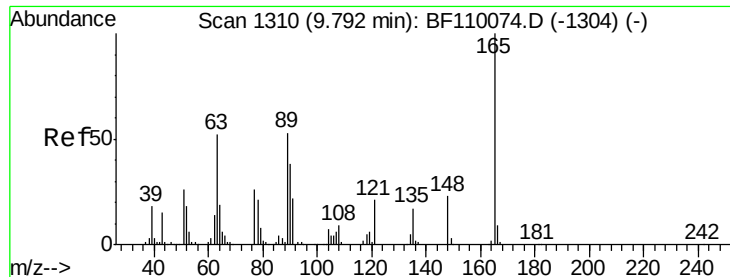


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.562 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

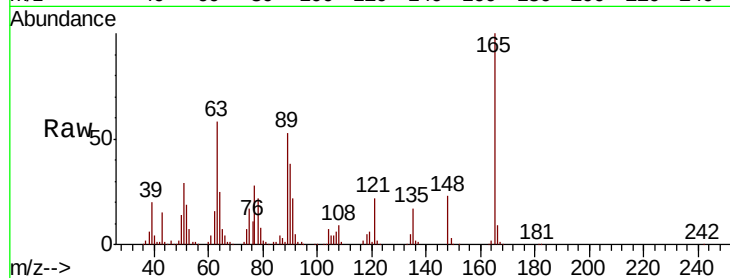
Tot Ion:165 Resp: 230429

Ion Ratio Lower Upper

165 100

63 58.3 48.9 73.3

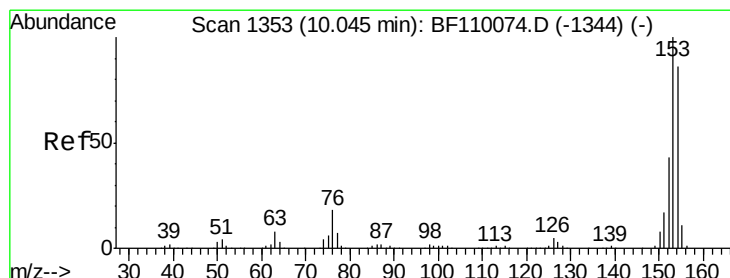
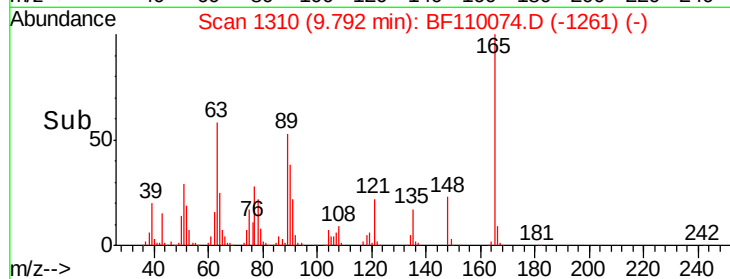
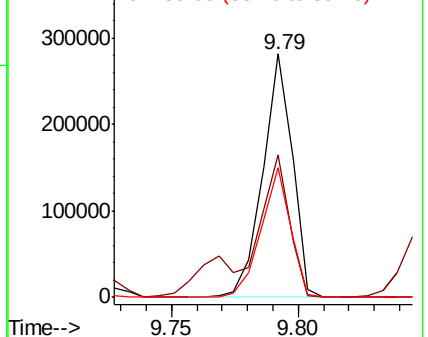
89 53.5 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.377 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

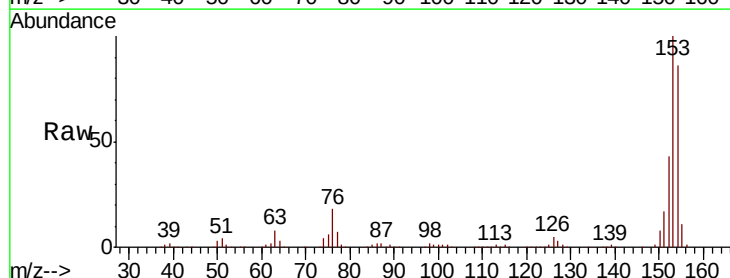
Tgt Ion:154 Resp: 868225

Ion Ratio Lower Upper

154 100

153 116.4 90.1 135.1

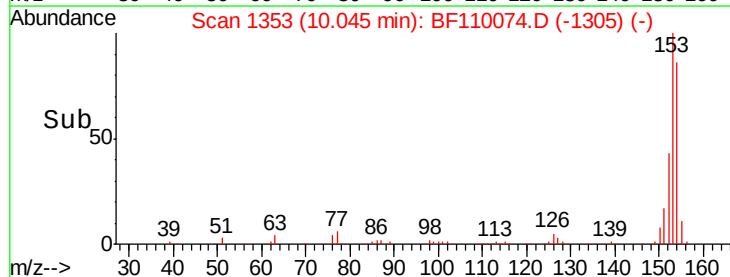
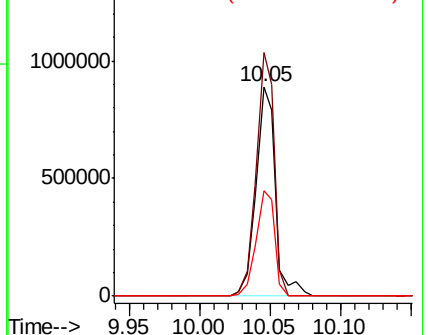
152 50.5 43.4 65.2

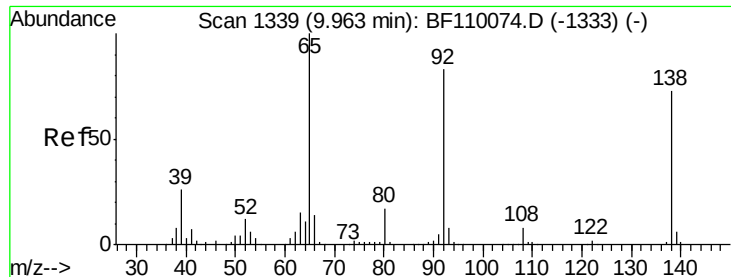


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

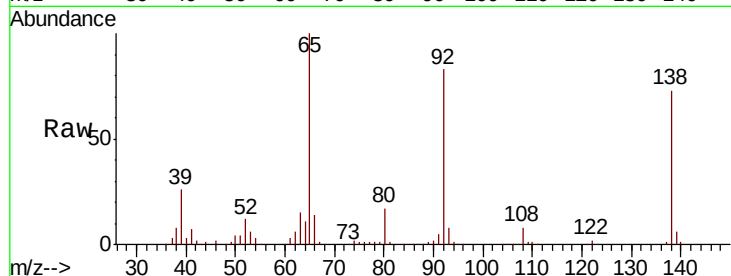




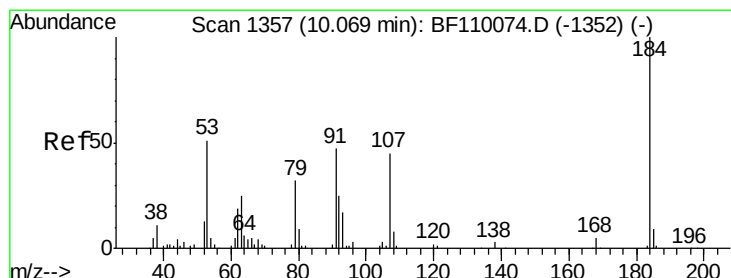
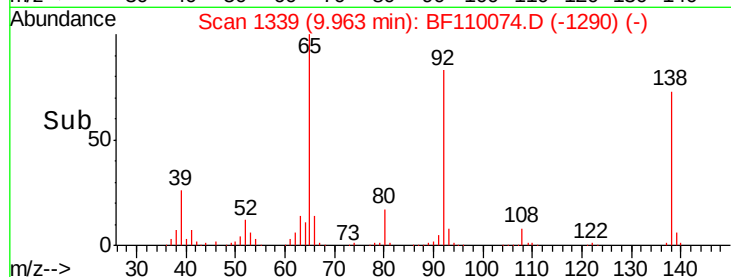
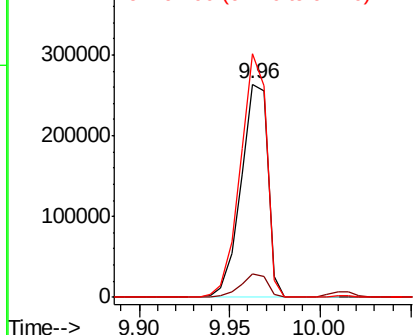
#53
3-Nitroaniline
Concen: 48.137 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 272241
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 114.3 97.0 145.4

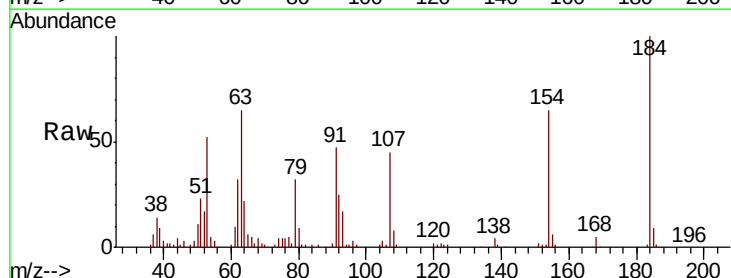


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

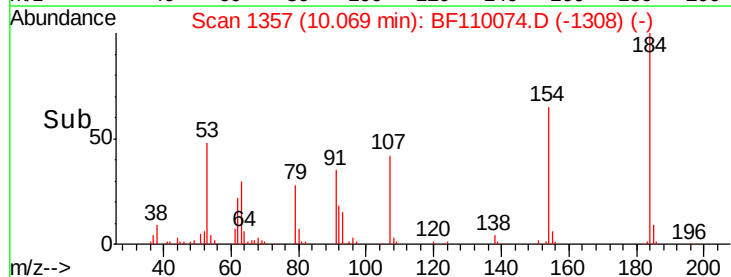
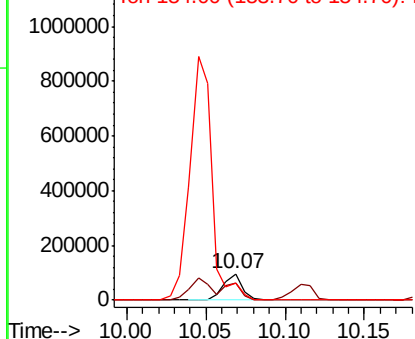


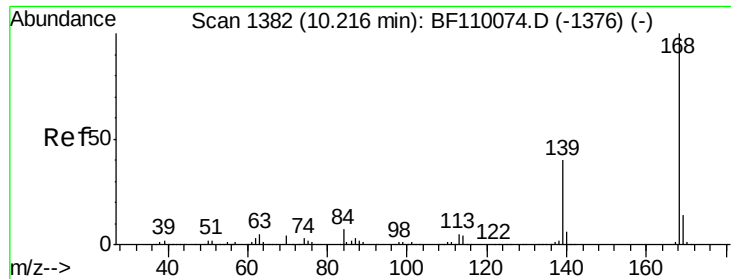
#54
2,4-Dinitrophenol
Concen: 65.862 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:184 Resp: 78338
Ion Ratio Lower Upper
184 100
63 65.3 55.8 83.6
154 65.1 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



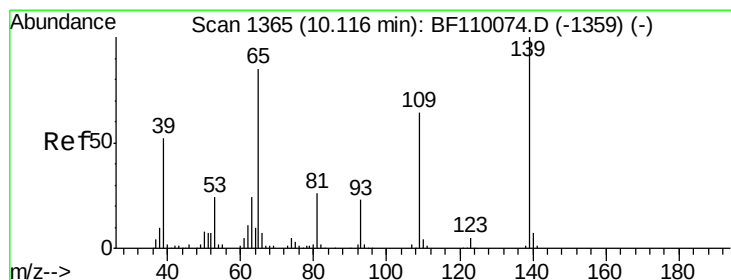
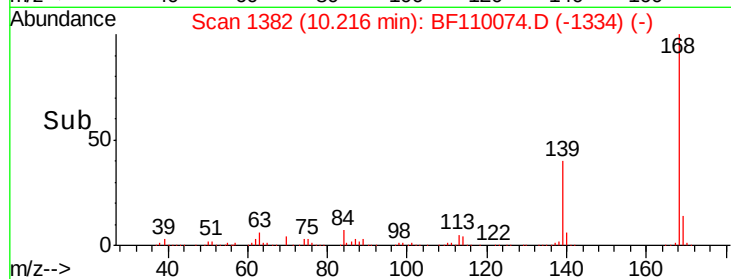
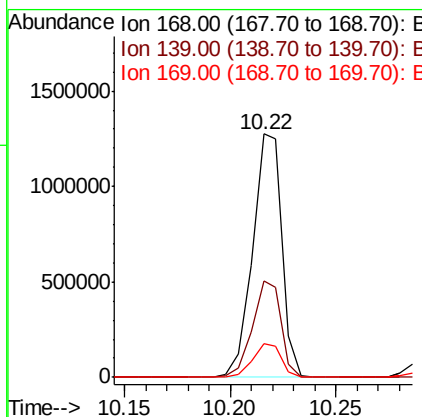
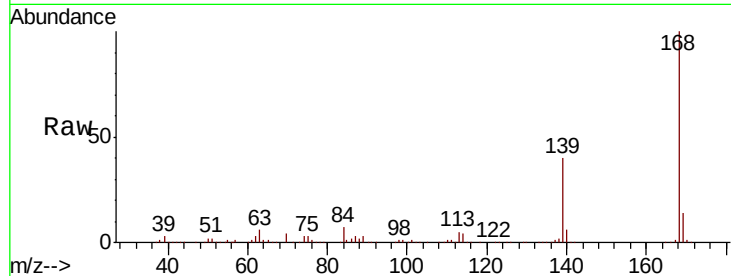


#55
Dibenzenofuran
Concen: 40.953 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1225507

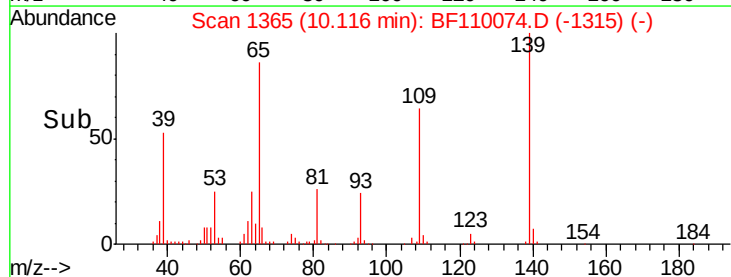
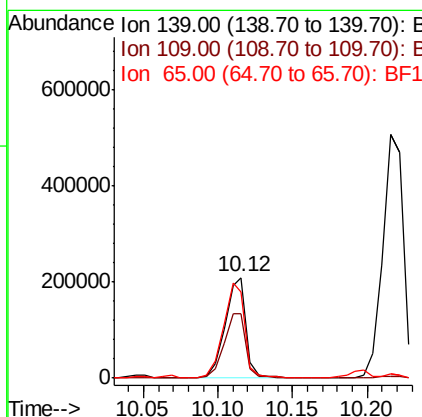
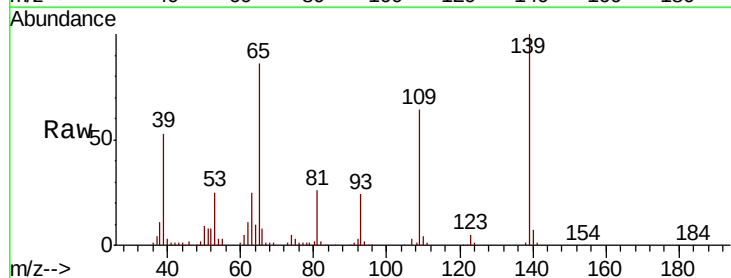
Ion	Ratio	Lower	Upper
168	100		
139	39.8	33.0	49.6
169	13.7	11.3	16.9

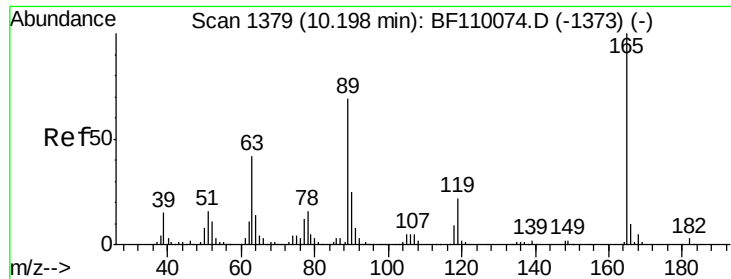


#56
4-Nitrophenol
Concen: 48.381 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:139 Resp: 208781

Ion	Ratio	Lower	Upper
139	100		
109	64.2	55.8	95.8
65	85.5	77.9	117.9

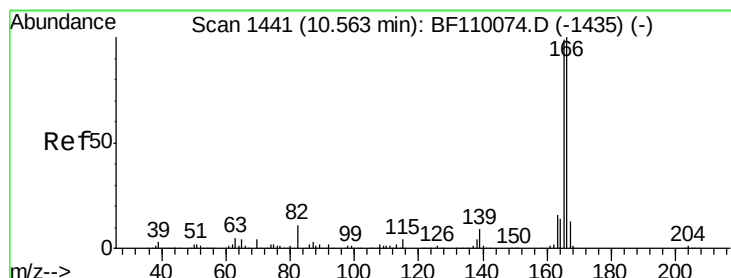
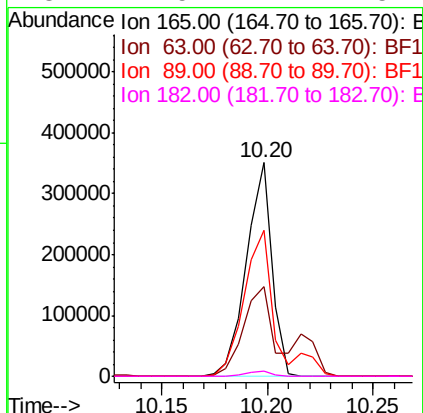
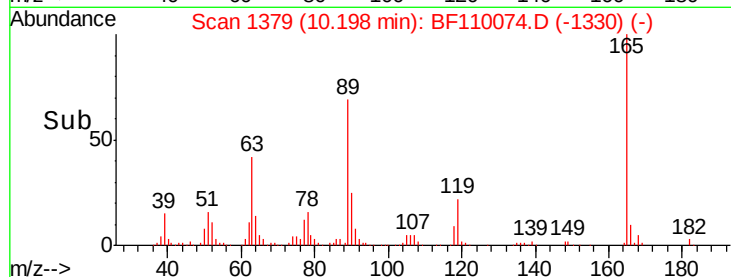
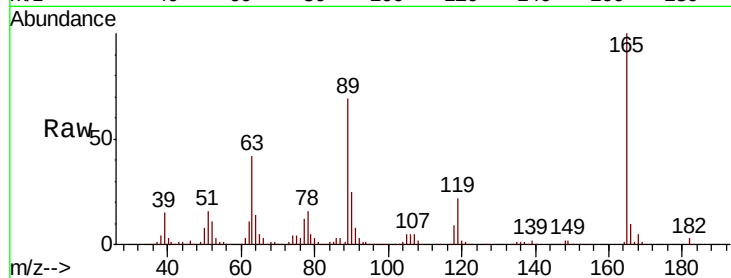




#57
2,4-Dinitrotoluene
Concen: 54.037 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

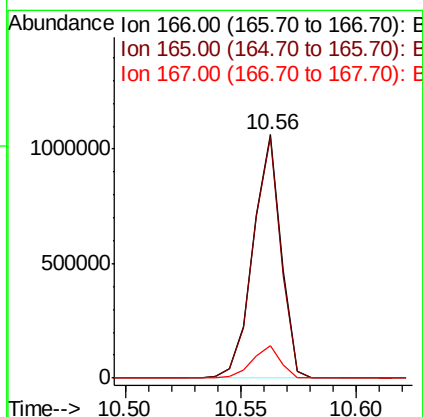
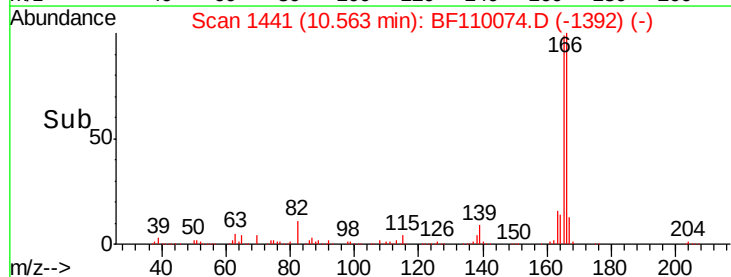
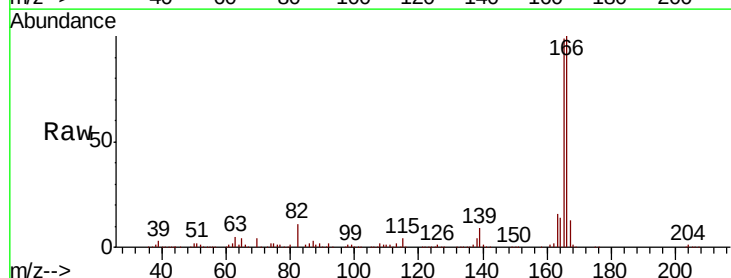
Instrument :
BNA_F
ClientSampleId :

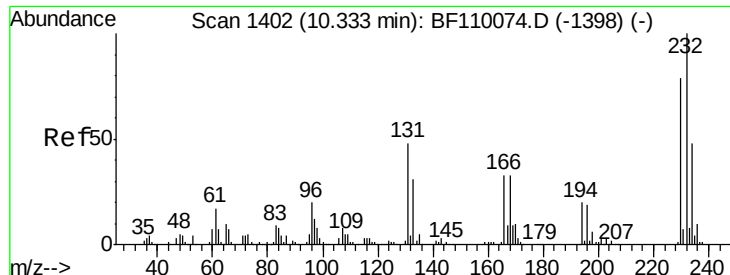
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	44.8	67.2#
89	68.5	62.2	93.4
182	2.5	2.1	3.1



#58
Fluorene
Concen: 41.394 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.1	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.719 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 244904

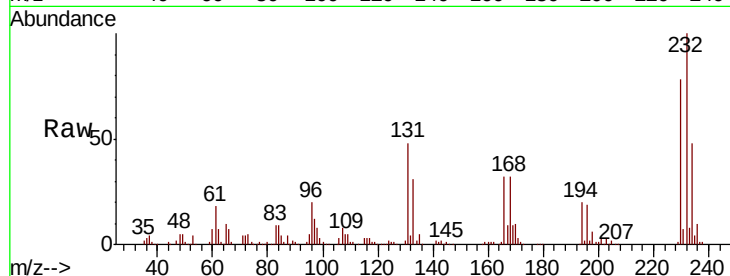
Ion Ratio Lower Upper

232 100

131 48.7 37.0 55.4

130 2.5 1.8 2.6

166 32.3 22.0 33.0

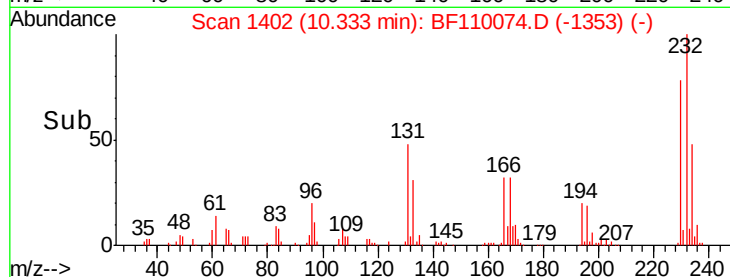


Abundance Ion 232.00 (231.70 to 232.70): E

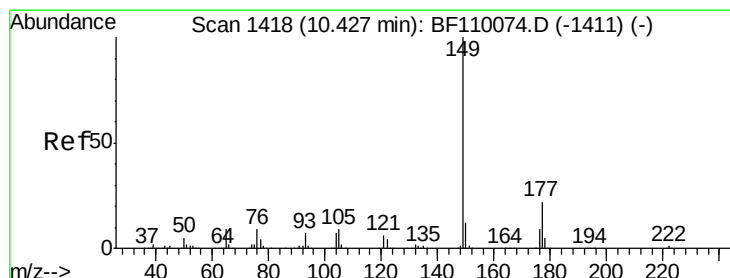
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#60

Diethylphthalate

Concen: 41.165 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

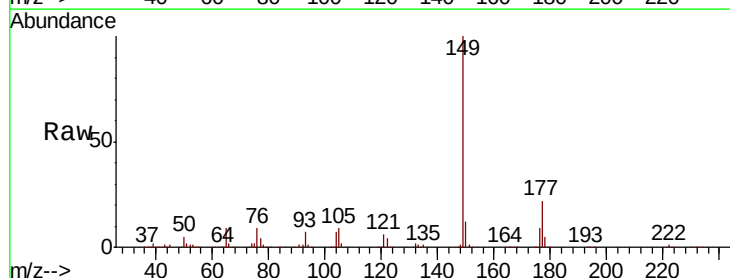
Tgt Ion:149 Resp: 995235

Ion Ratio Lower Upper

149 100

177 22.2 17.4 26.2

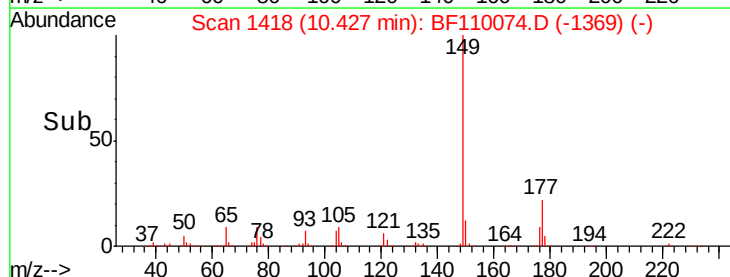
150 12.2 9.8 14.8



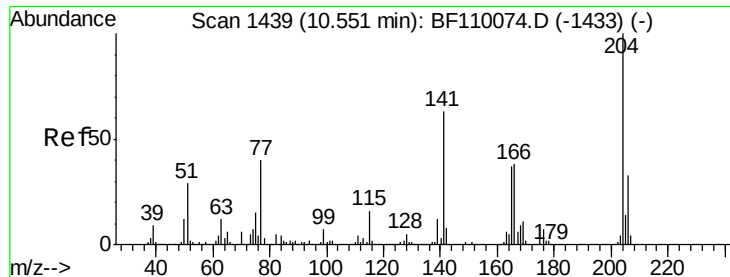
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



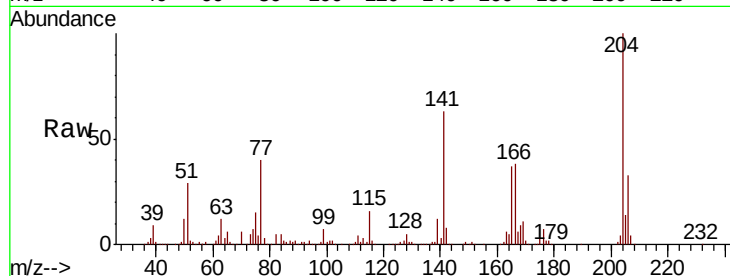
Time-->



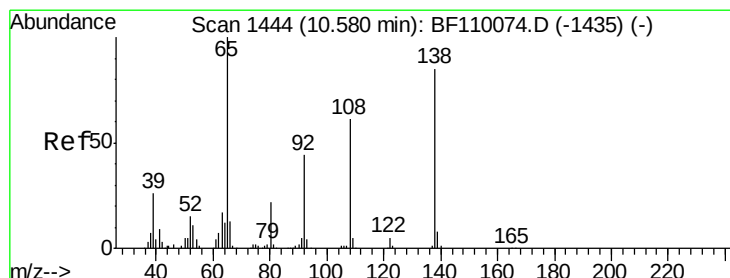
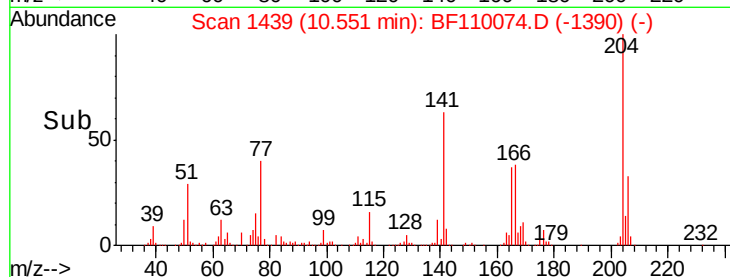
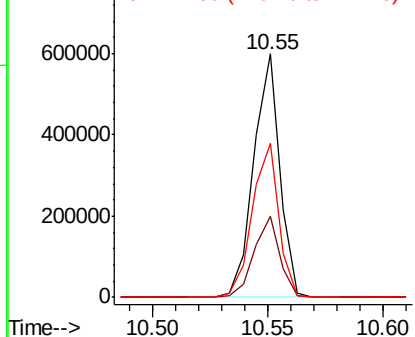
#61
4-Chlorophenyl-phenylether
Concen: 41.759 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.4	51.8	77.8

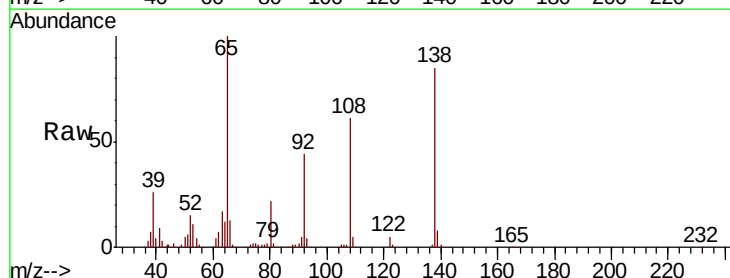


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

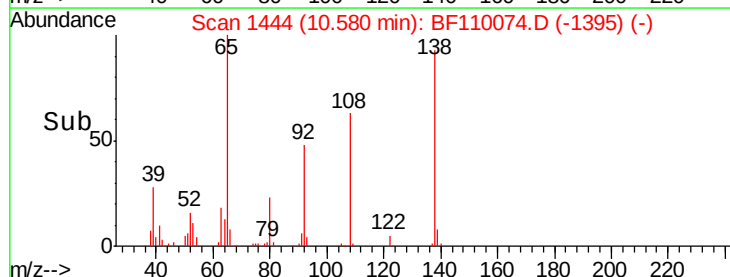
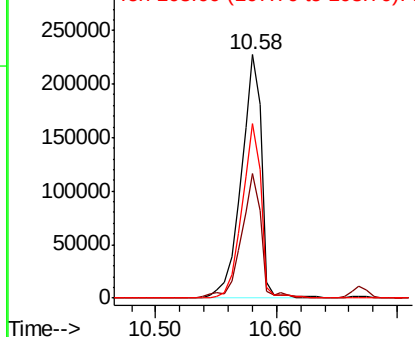


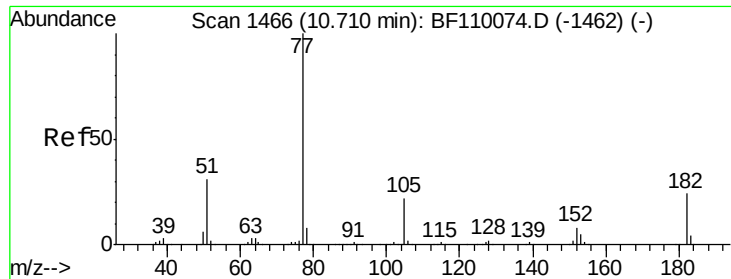
#62
4-Nitroaniline
Concen: 49.642 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	31.7	71.7
108	71.9	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: 38.855 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 981373

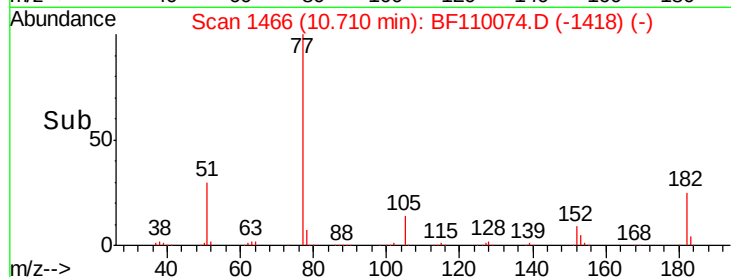
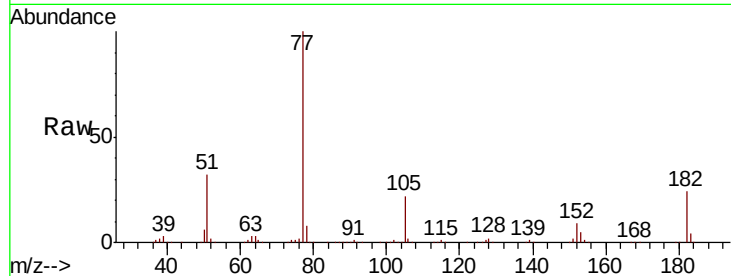
Ion Ratio Lower Upper

77 100

182 24.4 4.3 44.3

105 22.4 1.3 41.3

51 31.5 9.0 49.0

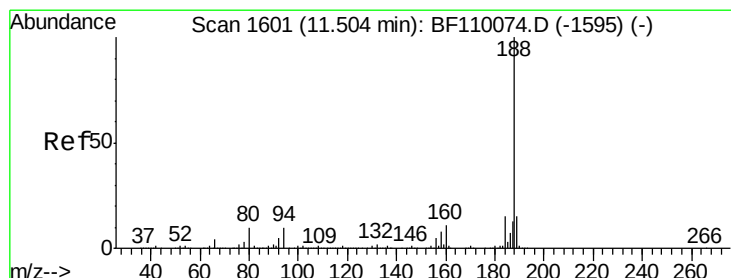
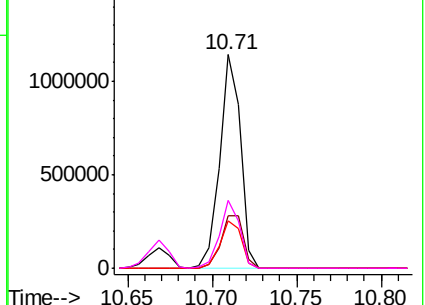


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

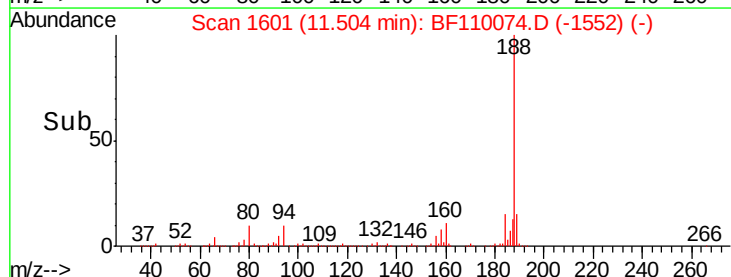
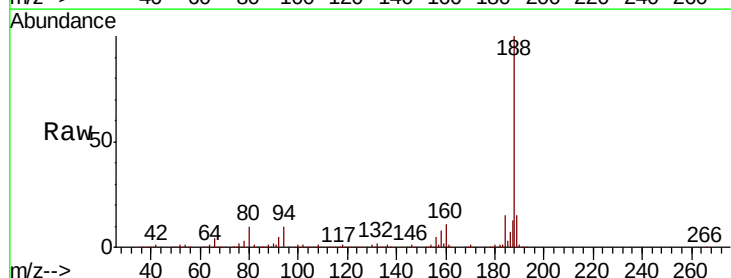
Tgt Ion: 188 Resp: 660988

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

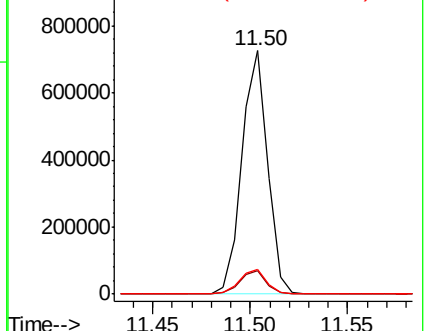
80 10.0 7.9 11.9

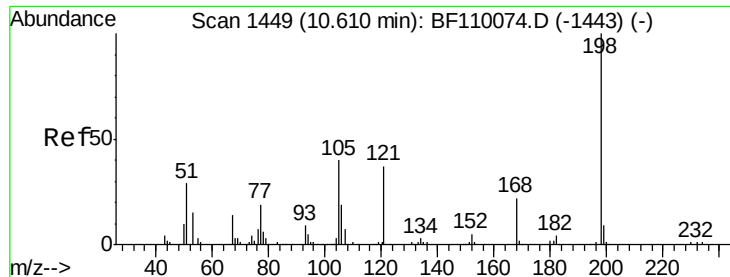


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

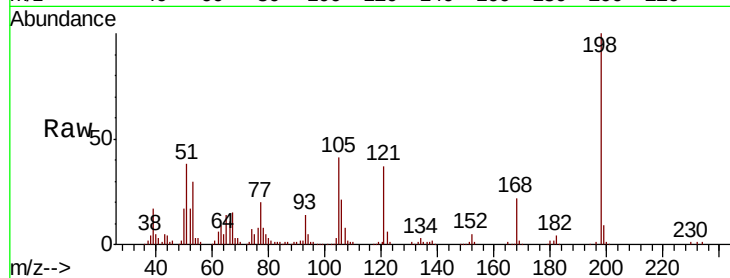




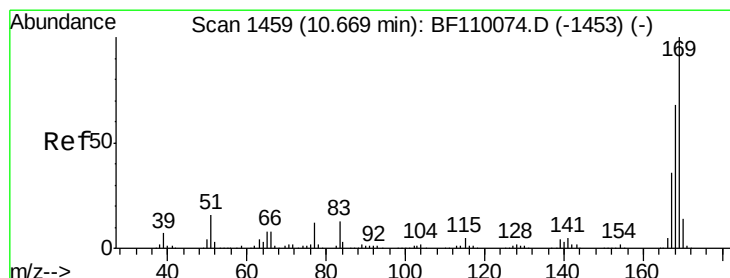
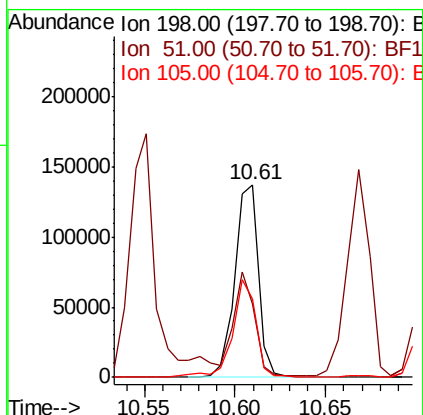
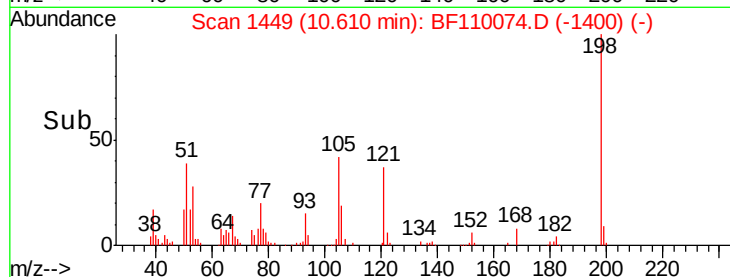
#65
4,6-Dinitro-2-methylphenol
Concen: 59.052 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	38.0	22.8	62.8
105	41.0	23.6	63.6

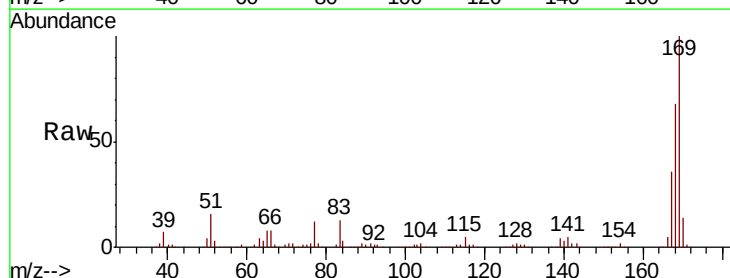


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

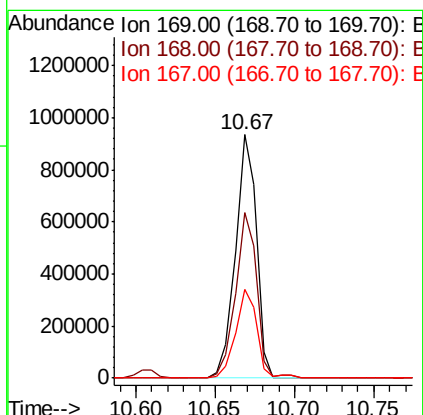
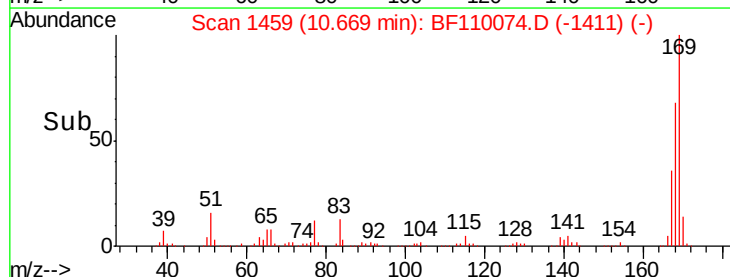


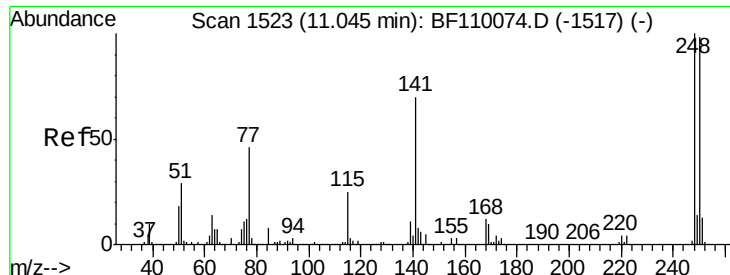
#66
n-Nitrosodiphenylamine
Concen: 38.977 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.1	51.2	76.8
167	36.2	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

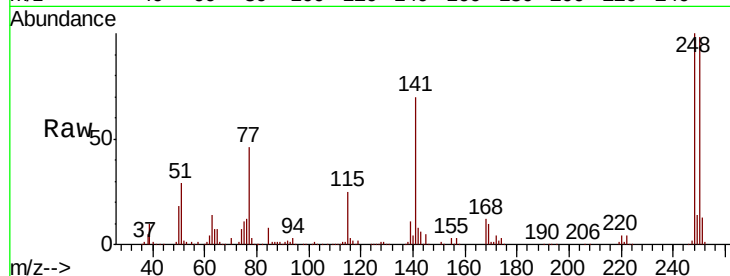




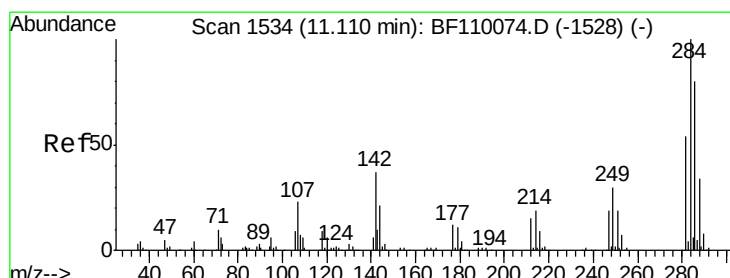
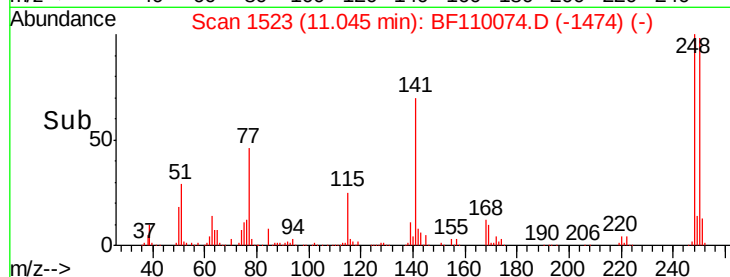
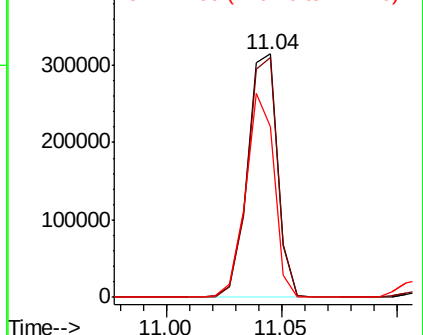
#67
4-Bromophenyl-phenylether
Concen: 39.956 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 286221
Ion Ratio Lower Upper
248 100
250 98.4 79.4 119.2
141 70.3 55.9 83.9

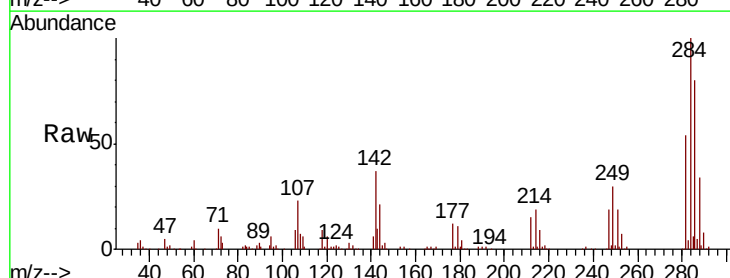


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

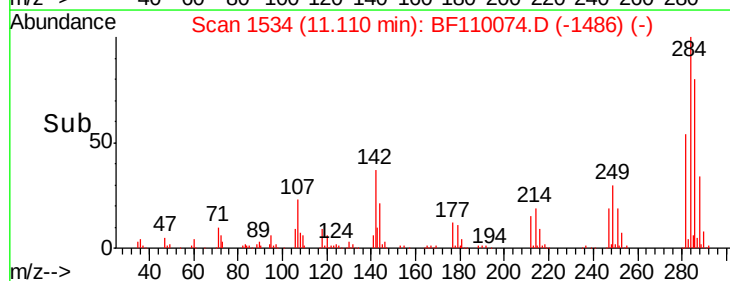
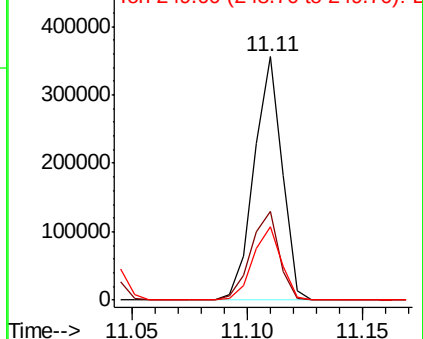


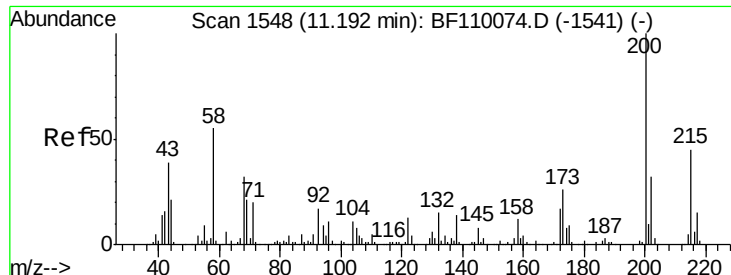
#68
Hexachlorobenzene
Concen: 39.494 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:284 Resp: 301685
Ion Ratio Lower Upper
284 100
142 36.5 23.9 35.9#
249 30.4 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

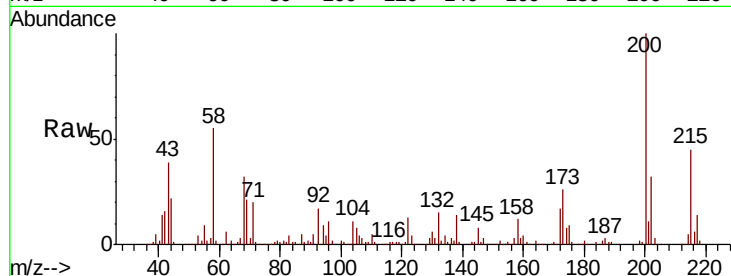




#69
 Atrazine
 Concen: 40.161 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.6	46.6
215	45.5	26.3	66.3

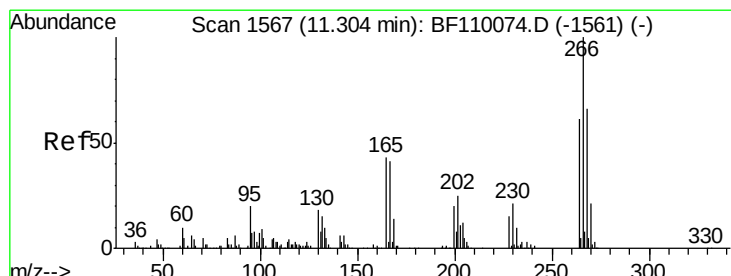
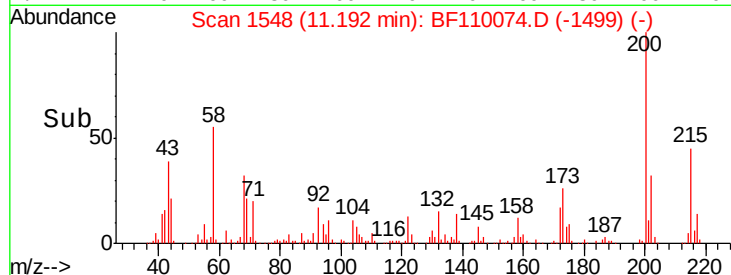
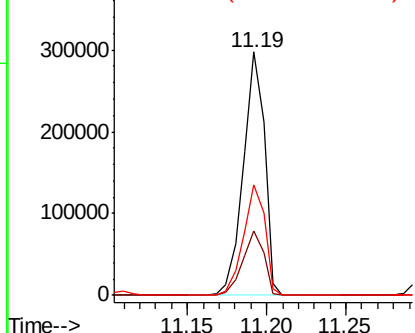


Abundance

Ion 200.00 (199.70 to 200.70): E

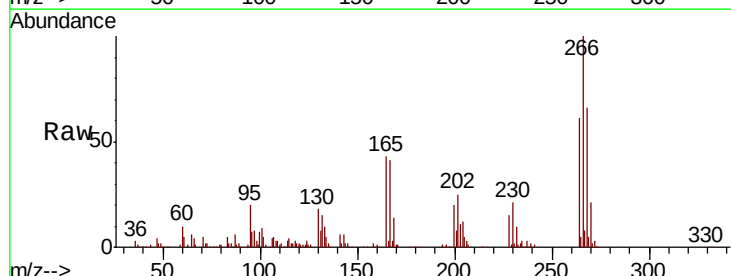
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 45.143 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	50.6	75.8
264	61.1	50.6	75.8

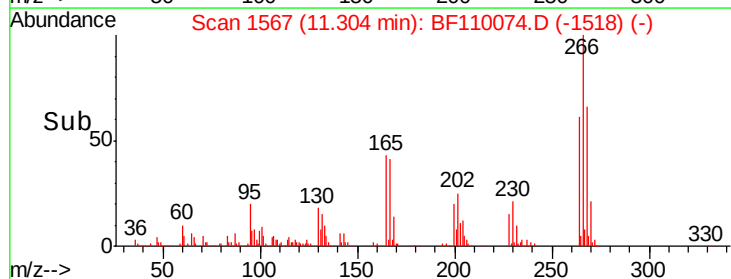
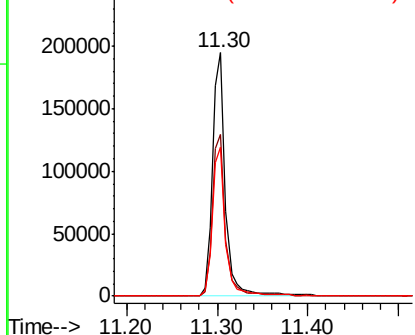


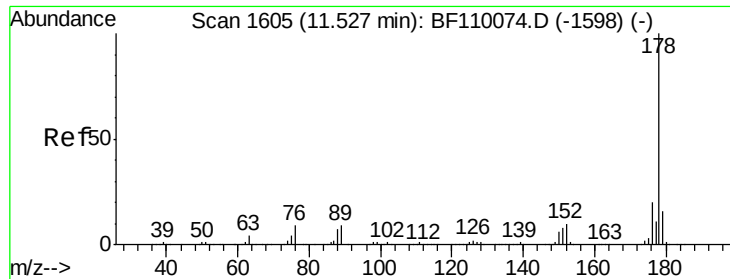
Abundance

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

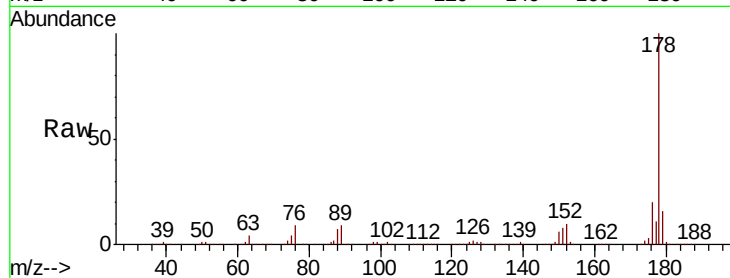




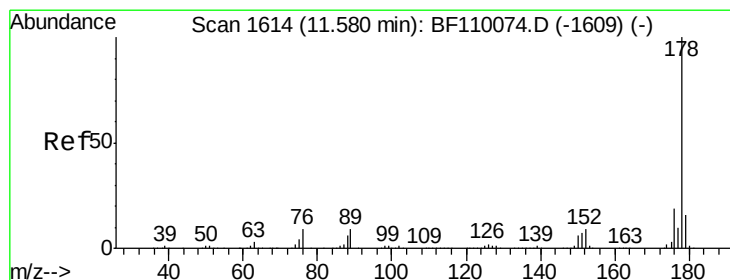
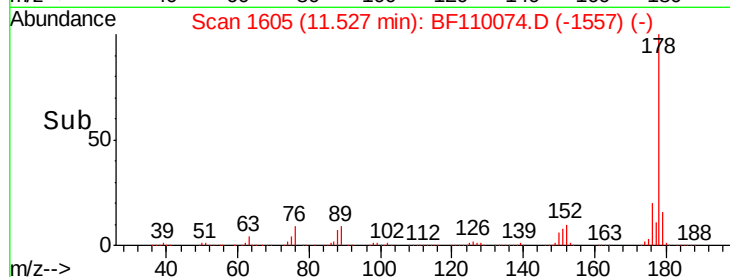
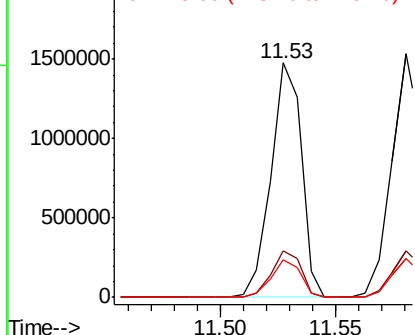
#71
Phenanthrene
Concen: 39.432 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1349345
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.2 12.5 18.7

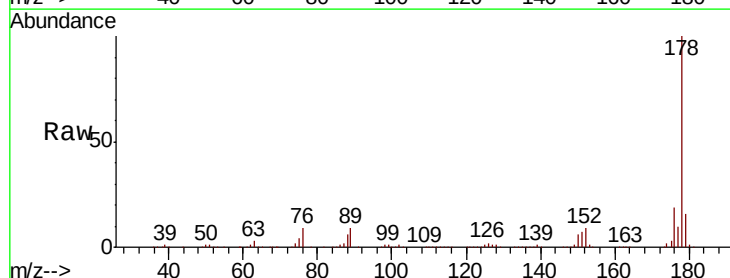


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

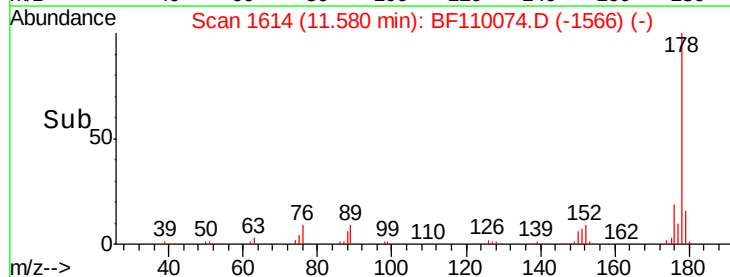
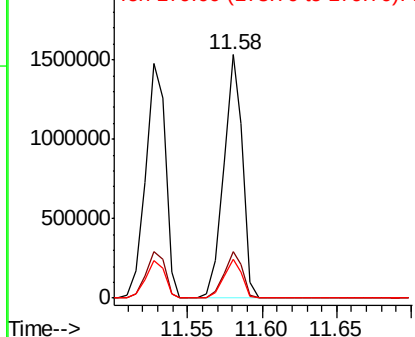


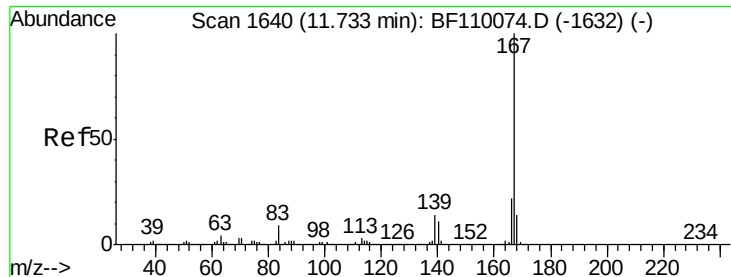
#72
Anthracene
Concen: 39.646 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:178 Resp: 1363949
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.9 12.6 18.8



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



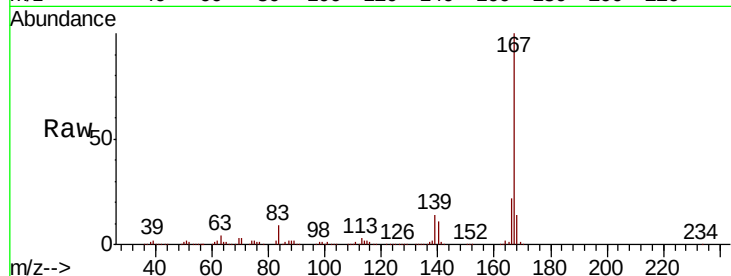


#73
 Carbazole
 Concen: 39.263 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

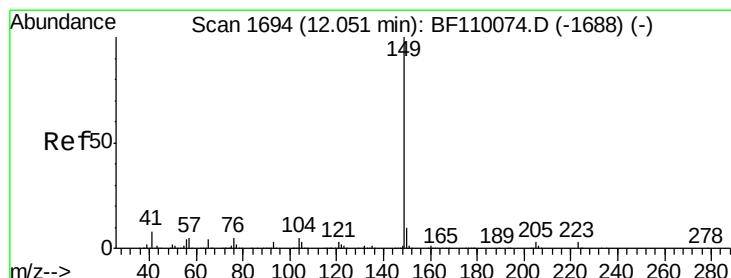
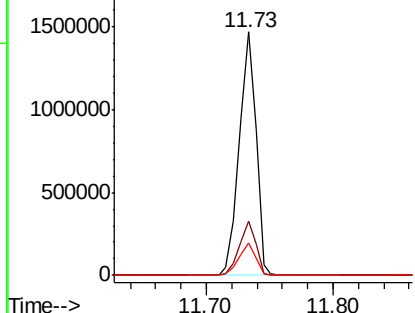
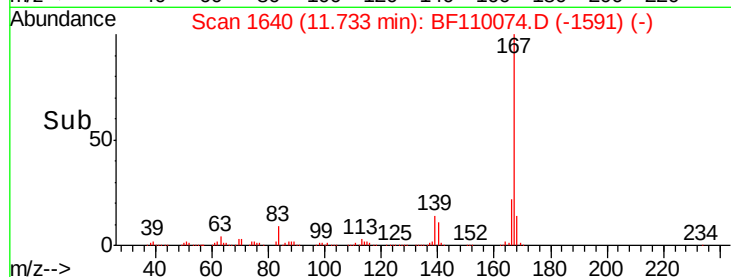
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1327534

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.5	10.9	16.3



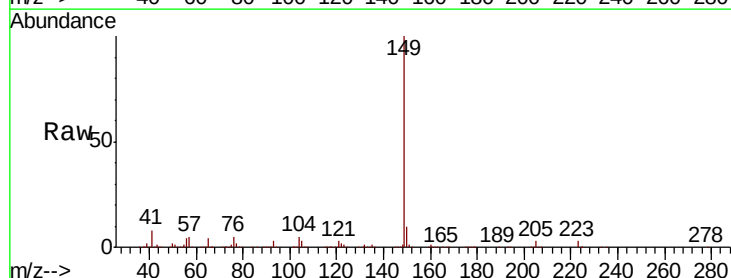
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



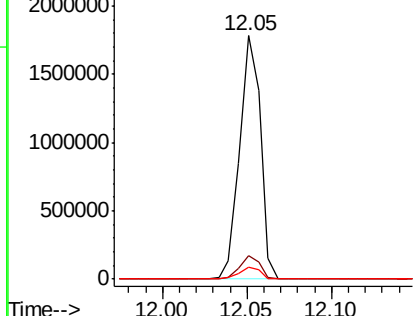
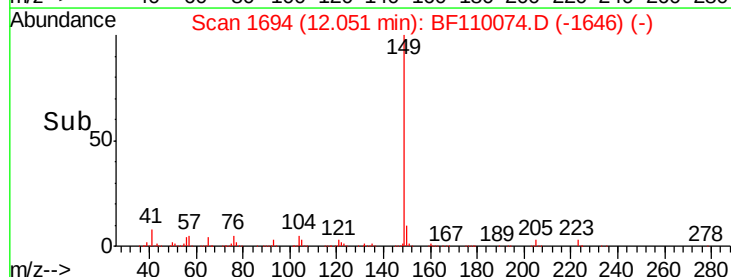
#74
 Di-n-butylphthalate
 Concen: 40.449 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BF110074.D
 Acq: 23 Oct 2018 12:40

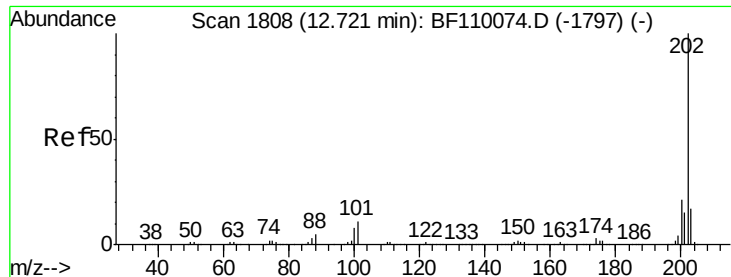
Tgt Ion:149 Resp: 1526319

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	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

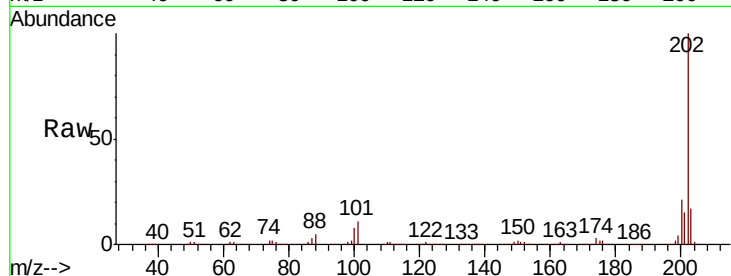




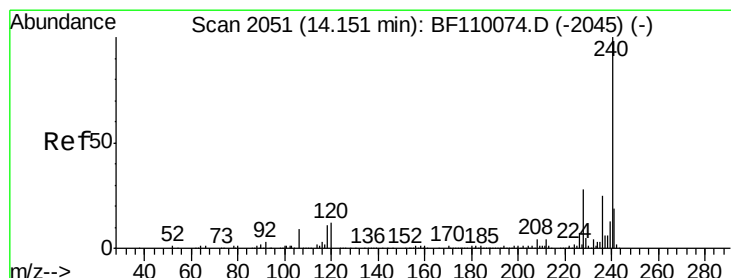
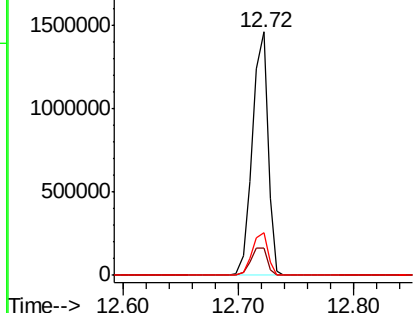
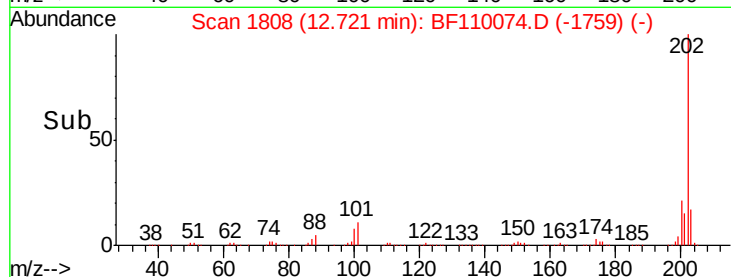
#75
Fluoranthene
Concen: 40.361 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1379731
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.4
203 17.4 0.0 37.7

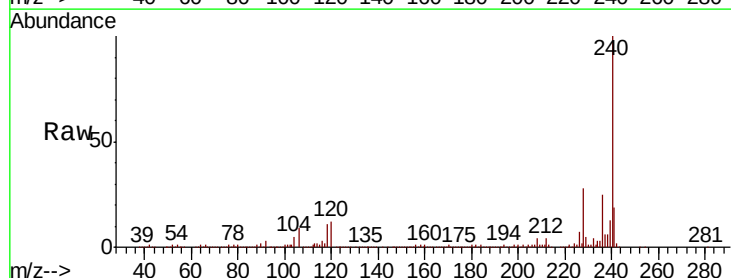


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

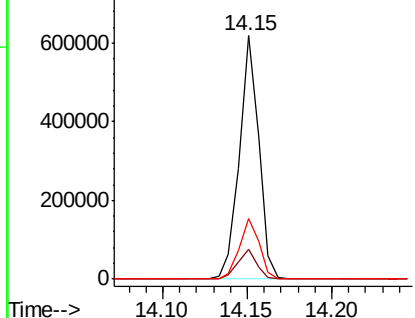
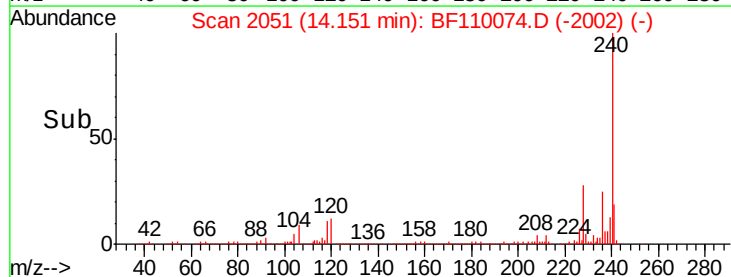


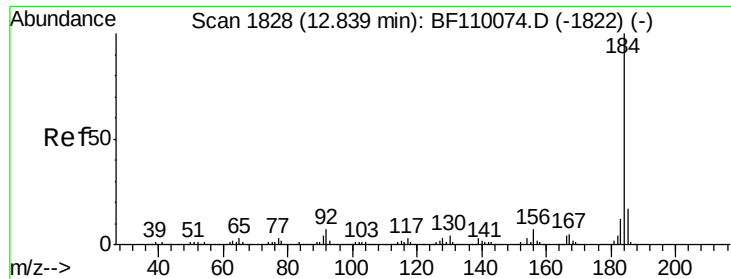
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:240 Resp: 493957
Ion Ratio Lower Upper
240 100
120 12.2 8.3 12.5
236 24.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.837 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

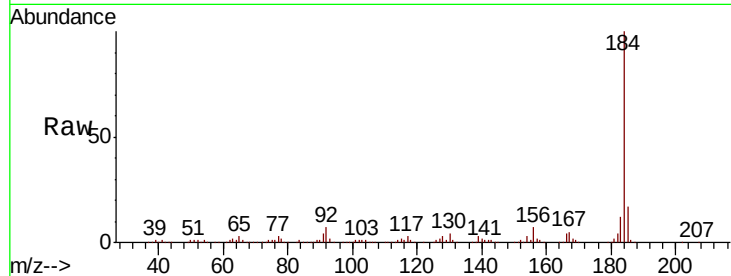
Tot Ion:184 Resp: 602953

Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.4	20.2
183	11.9	9.4	14.2

184 100

185 16.8 13.4 20.2

183 11.9 9.4 14.2

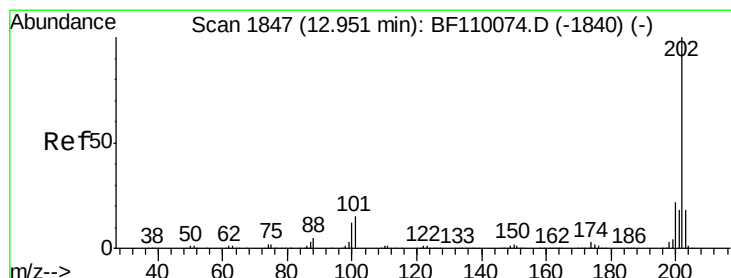
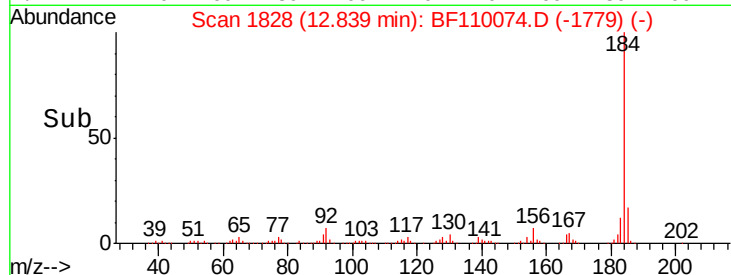
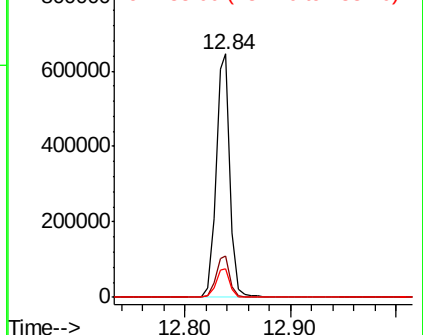


Abundance

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: 38.792 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

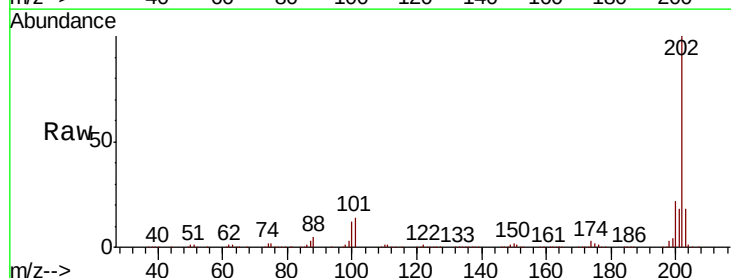
Tgt Ion:202 Resp: 1407359

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.6
203	18.4	14.2	21.4

202 100

200 21.6 17.8 26.6

203 18.4 14.2 21.4

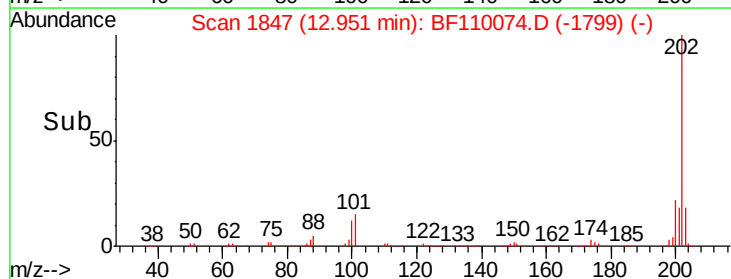
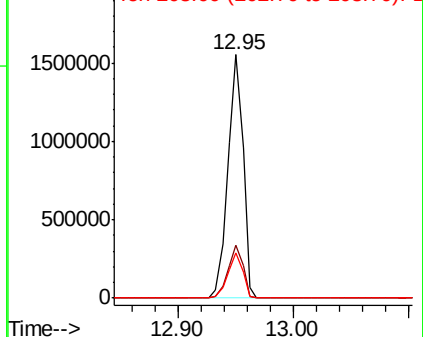


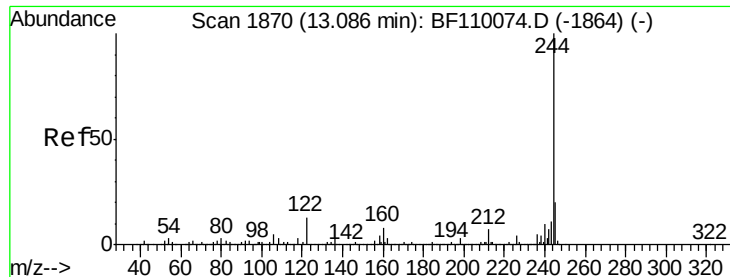
Abundance

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: 78.653 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

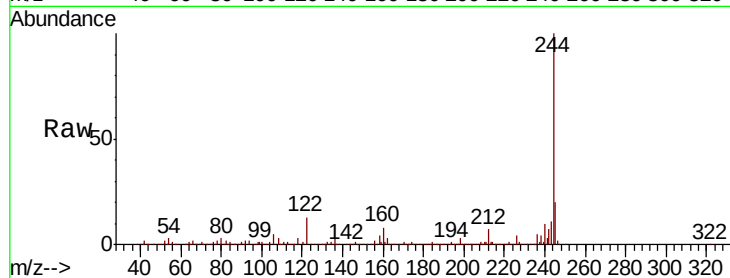
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1850123

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	8.7	13.1

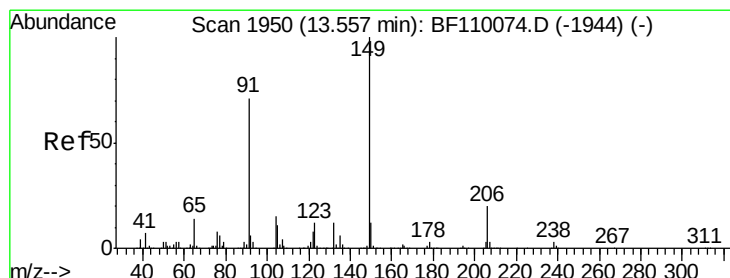
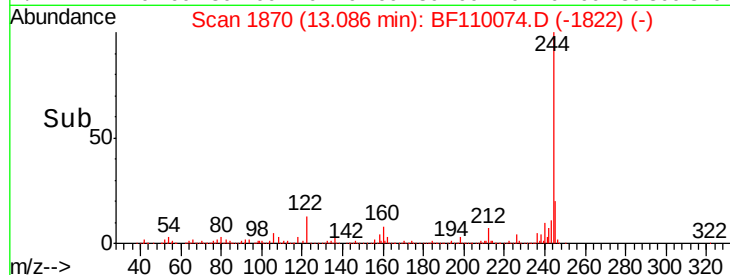
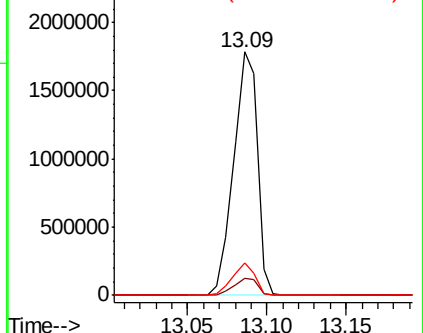


Abundance

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: 42.664 ng

RT: 13.56 min Scan# 1950

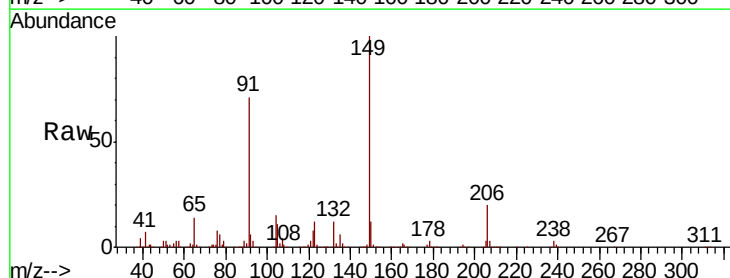
Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Tgt Ion:149 Resp: 625766

Ion	Ratio	Lower	Upper
149	100		
91	70.8	57.2	85.8
206	20.0	15.7	23.5

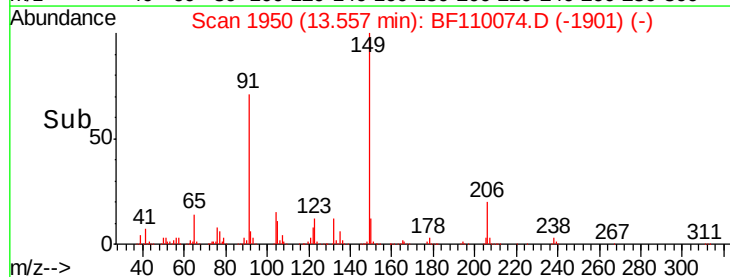
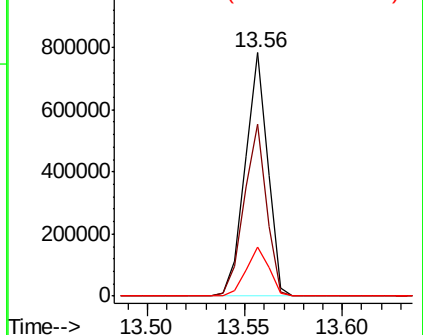


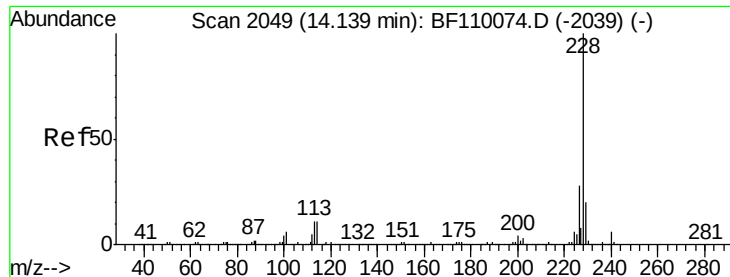
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.411 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

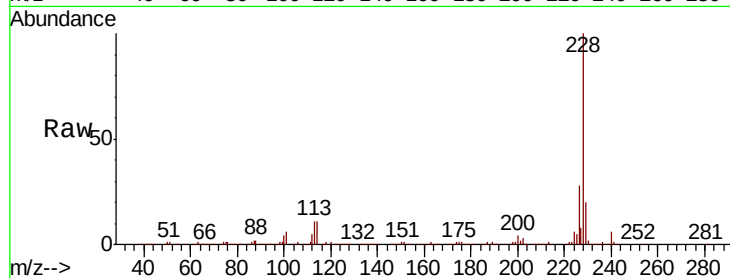
Tot Ion:228 Resp: 1175783

Ion Ratio Lower Upper

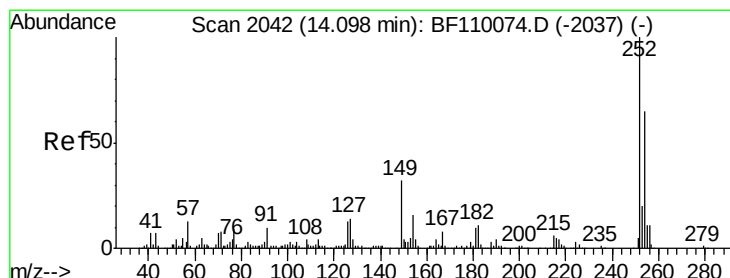
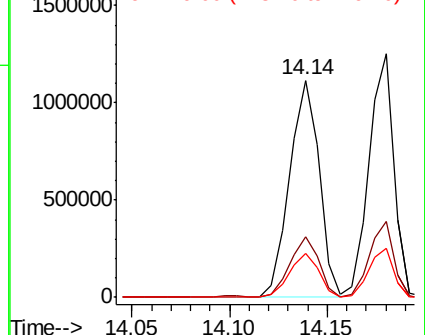
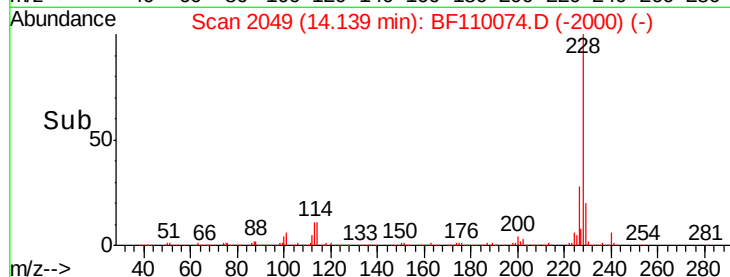
228 100

226 28.0 22.1 33.1

229 20.4 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: 40.913 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

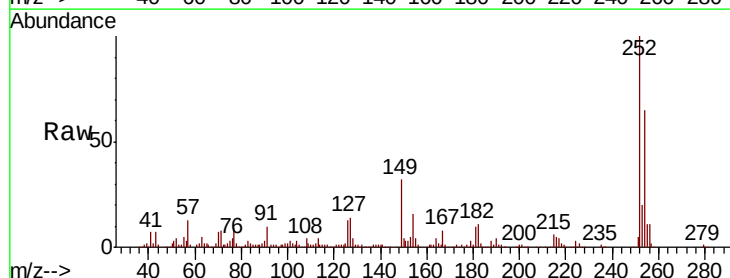
Tgt Ion:252 Resp: 417324

Ion Ratio Lower Upper

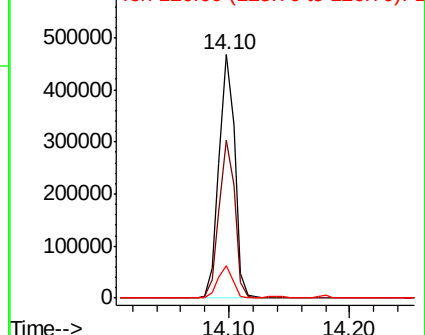
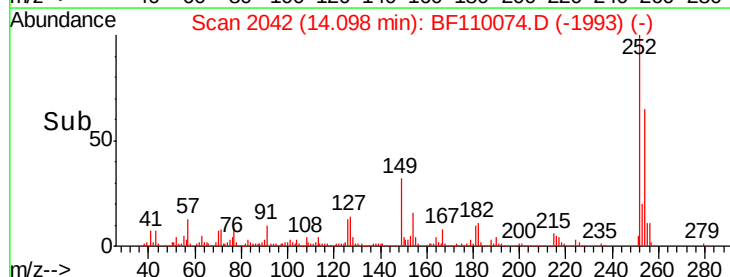
252 100

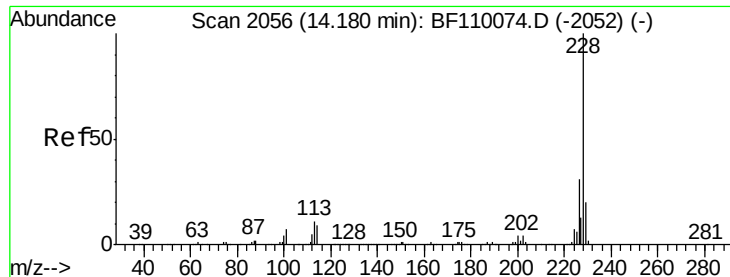
254 65.0 51.3 76.9

126 13.1 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.973 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

Instrument :

BNA_F

ClientSampleId :

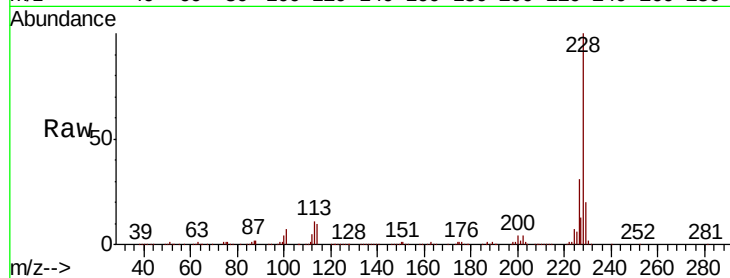
Tot Ion:228 Resp: 1107023

Ion Ratio Lower Upper

228 100

226 31.1 24.7 37.1

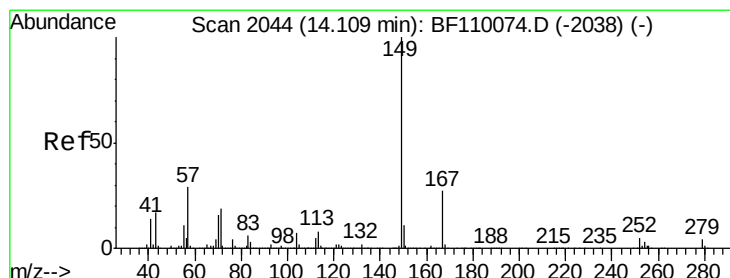
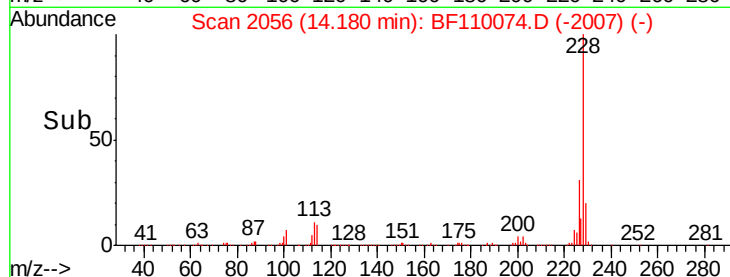
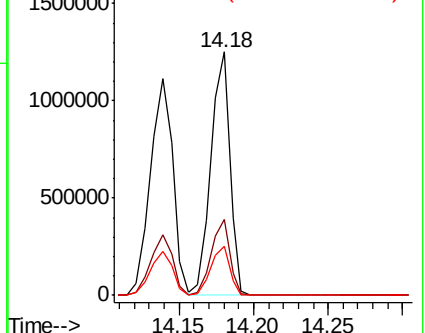
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.880 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110074.D

Acq: 23 Oct 2018 12:40

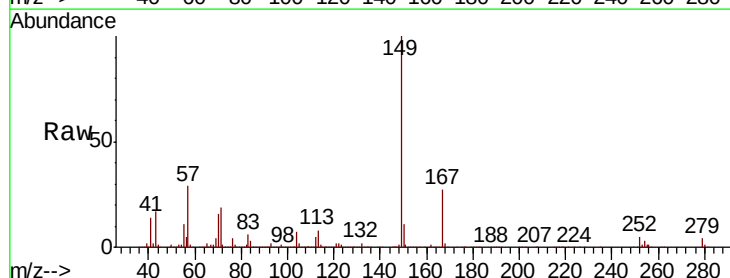
Tgt Ion:149 Resp: 846887

Ion Ratio Lower Upper

149 100

167 27.2 19.8 29.8

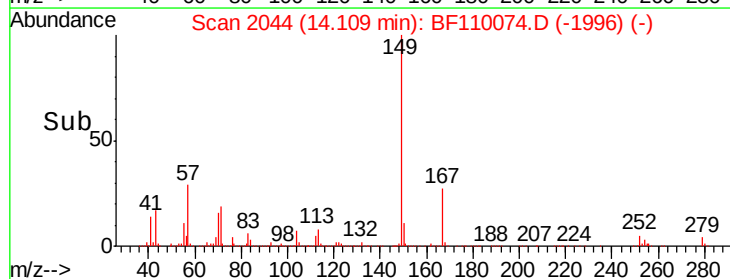
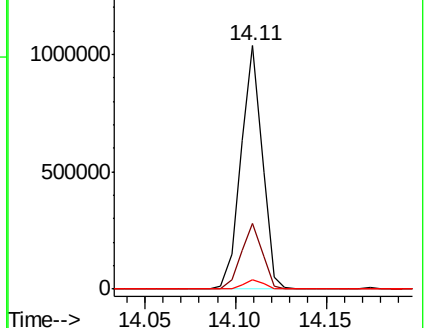
279 3.7 2.7 4.1

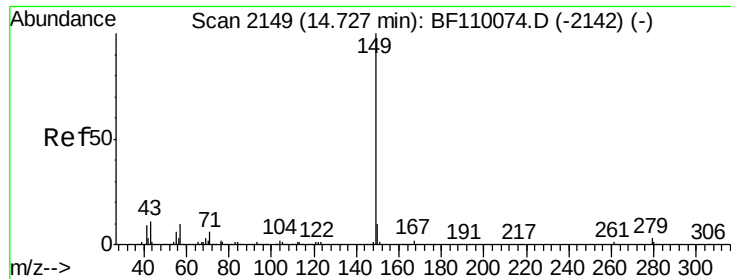


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

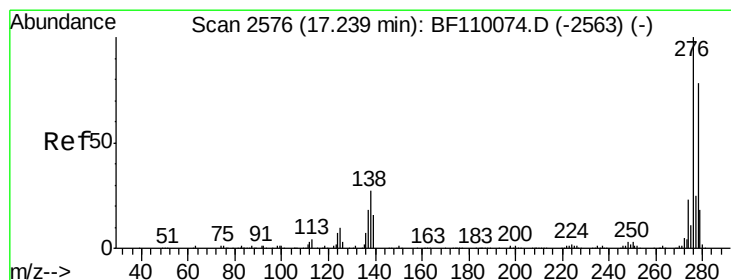
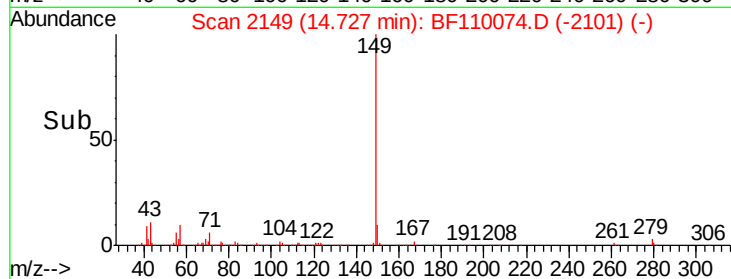
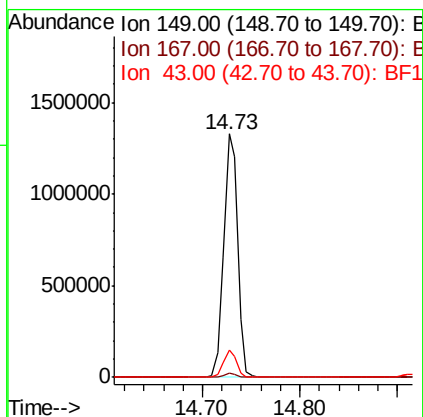
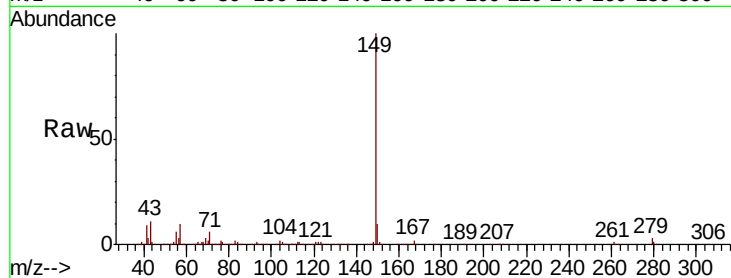




#85
Di-n-octyl phthalate
Concen: 48.009 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

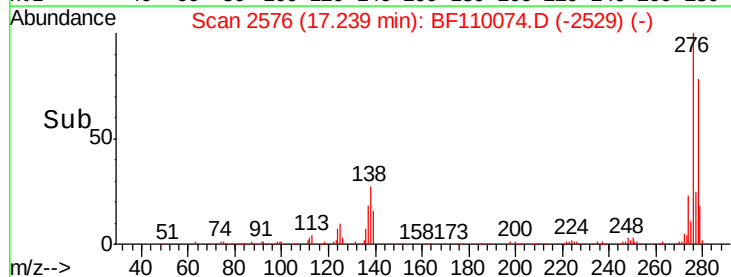
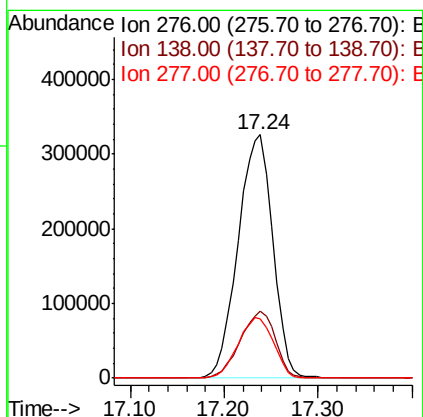
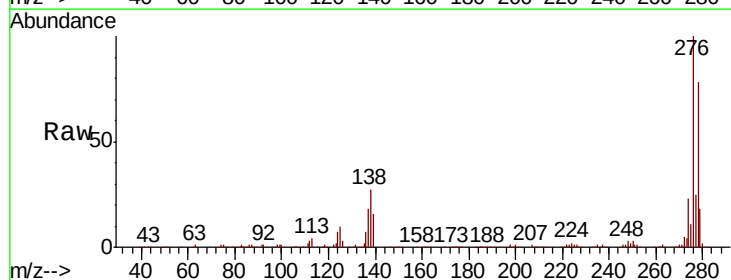
Instrument :
BNA_F
ClientSampleId :

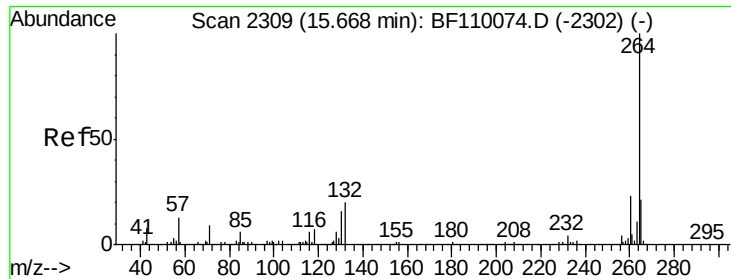
Tot Ion:149 Resp: 1306323
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.4 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.503 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:276 Resp: 836258
Ion Ratio Lower Upper
276 100
138 28.0 18.5 27.7#
277 25.3 20.0 30.0

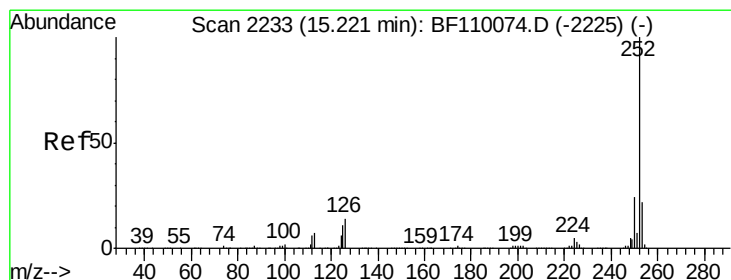
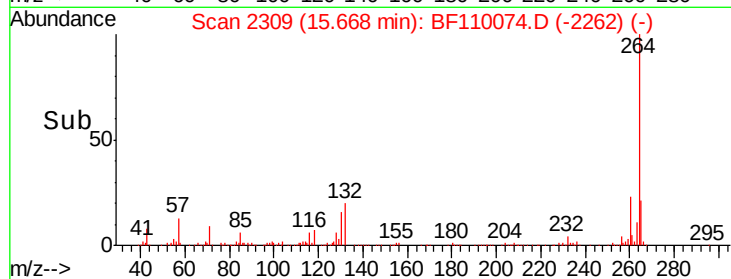
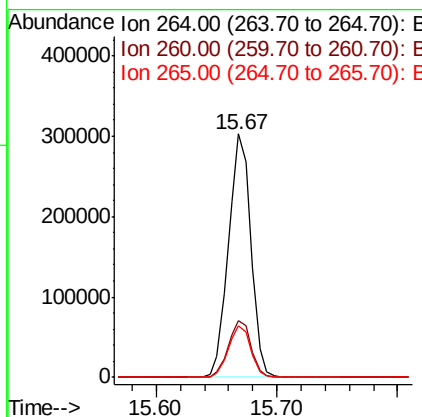
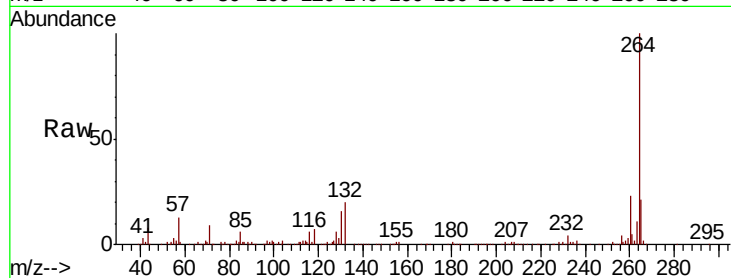




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

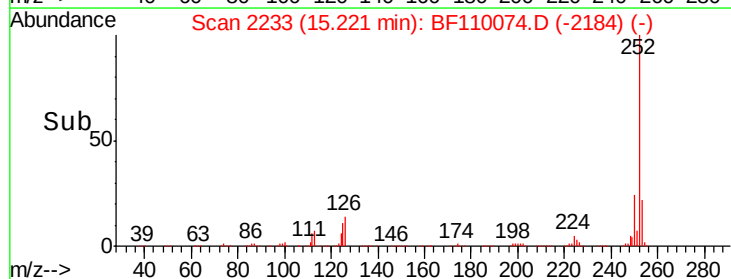
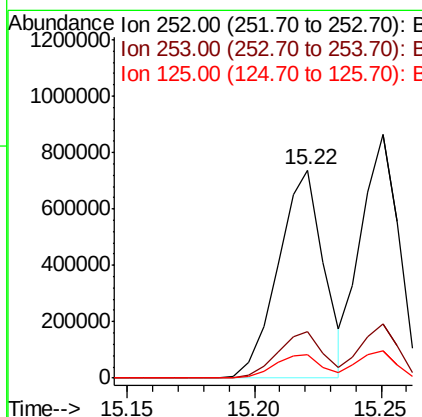
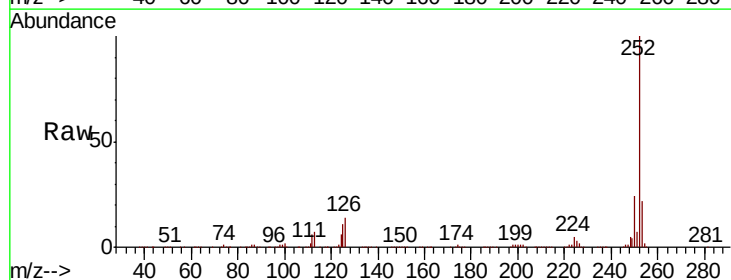
Instrument :
BNA_F
ClientSampleId :

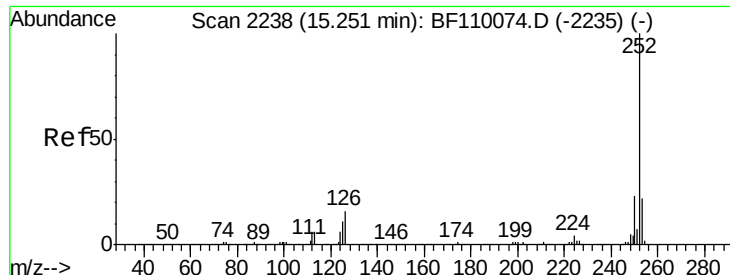
Tot Ion:264 Resp: 391403
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.4 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 40.897 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion:252 Resp: 922839
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.2 8.2 12.4

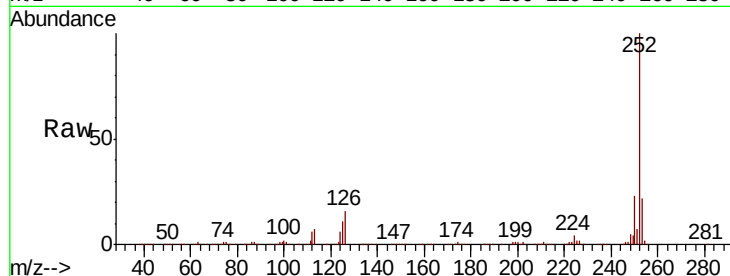




#89
Benzo(k)fluoranthene
Concen: 40.320 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.4	7.4	11.0

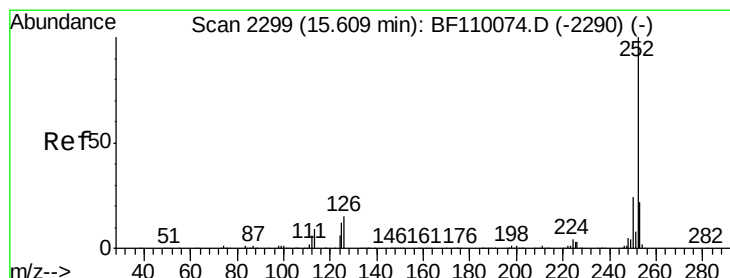
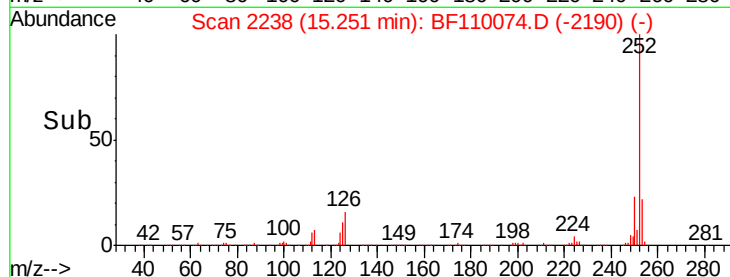
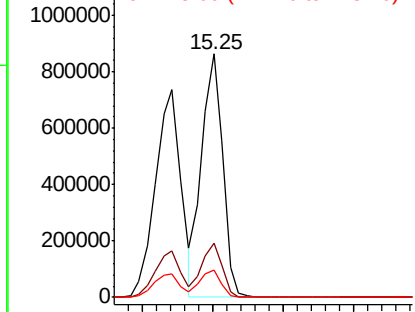


Abundance

Ion 252.00 (251.70 to 252.70): E

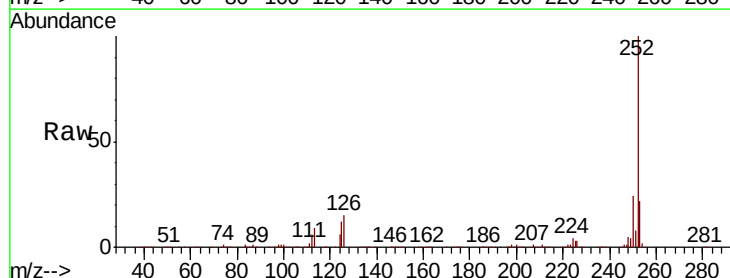
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 40.309 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	11.6	9.0	13.6

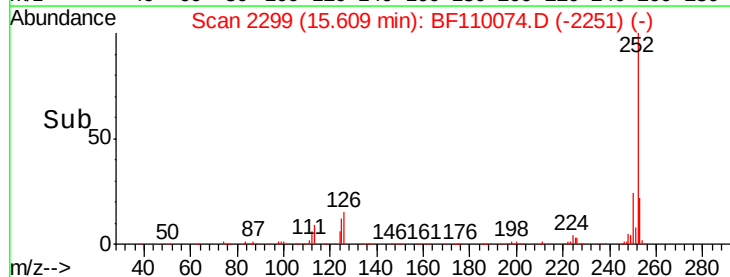
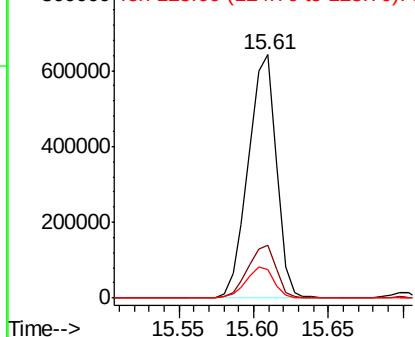


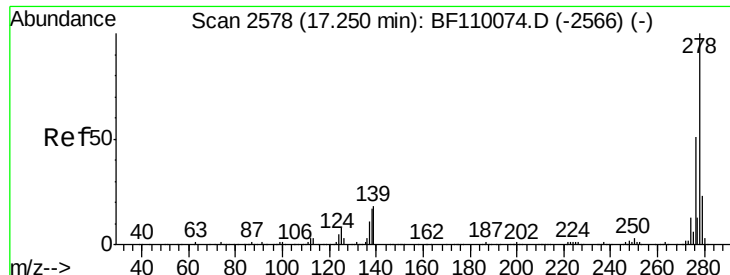
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

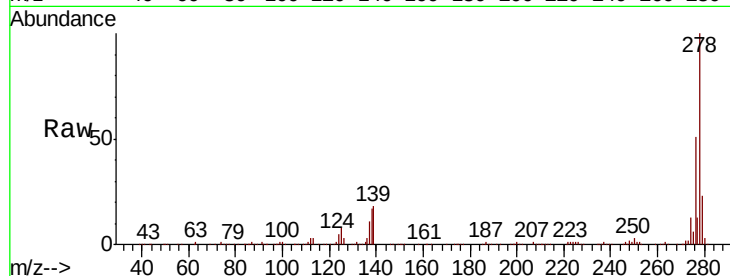




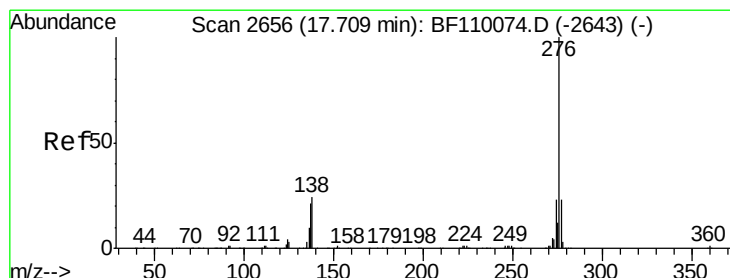
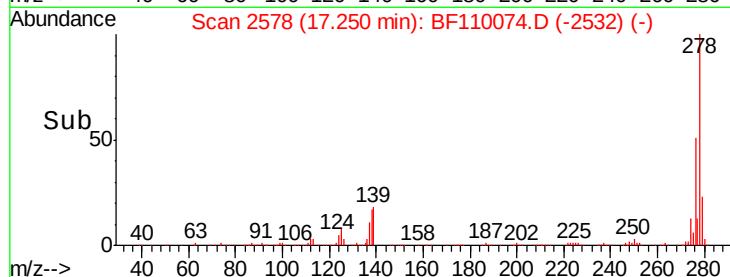
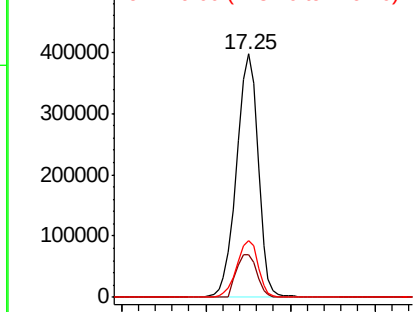
#91
Dibenzo(a,h)anthracene
Concen: 38.110 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.03 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.7	19.1
279	23.2	19.0	28.4

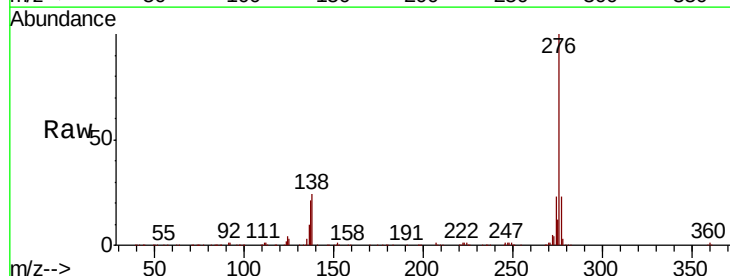


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.966 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF110074.D
Acq: 23 Oct 2018 12:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	24.2	16.0	24.0



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

