

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110455.D
 Acq On : 5 Nov 2018 10:44
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 11:11:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87810	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	368058	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	170065	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	317564	20.00	ng	0.00
76) Chrysene-d12	14.14	240	227836	20.00	ng	0.00
87) Perylene-d12	15.66	264	168915	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	438364	81.30	ng	0.00
7) Phenol-d6	6.58	99	547617	79.40	ng	0.00
23) Nitrobenzene-d5	7.52	82	515169	83.02	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	137869	81.84	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	951073	87.82	ng	0.00
79) Terphenyl-d14	13.07	244	958850	87.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.80	88	107472	38.041	ng	91
3) Pyridine	3.59	79	241535	38.385	ng	# 85
4) n-Nitrosodimethylamine	3.55	42	103932	39.424	ng	89
6) Aniline	6.62	93	348265	38.763	ng	# 54
8) 2-Chlorophenol	6.75	128	254471	40.933	ng	97
9) Benzaldehyde	6.51	77	147946	35.858	ng	98
10) Phenol	6.60	94	317380	43.049	ng	# 64
11) bis(2-Chloroethyl)ether	6.69	93	235655	38.852	ng	96
12) 1,3-Dichlorobenzene	6.90	146	274769	40.162	ng	97
13) 1,4-Dichlorobenzene	6.97	146	279951	40.460	ng	98
14) 1,2-Dichlorobenzene	7.13	146	259752	40.439	ng	99
15) Benzyl Alcohol	7.10	79	211841	39.935	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	378831	39.063	ng	70
17) 2-Methylphenol	7.20	107	195776	39.514	ng	# 82
18) Hexachloroethane	7.46	117	104151	41.114	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	173554	39.223	ng	95
20) 3+4-Methylphenols	7.36	107	248819	38.852	ng	94
22) Acetophenone	7.37	105	342798	40.420	ng	98
24) Nitrobenzene	7.54	77	260854	40.717	ng	96
25) Isophorone	7.77	82	412980	39.043	ng	97
26) 2-Nitrophenol	7.86	139	132084	43.325	ng	94
27) 2,4-Dimethylphenol	7.89	122	196516	38.879	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	282516	39.316	ng	99
29) 2,4-Dichlorophenol	8.10	162	206649	40.468	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	231054	40.395	ng	98
31) Naphthalene	8.26	128	680187	40.097	ng	99
32) Benzoic acid	8.01	122	140630	35.998	ng	95
33) 4-Chloroaniline	8.31	127	303123	39.704	ng	99
34) Hexachlorobutadiene	8.37	225	132681	41.777	ng	99
35) Caprolactam	8.69	113	67297	37.811	ng	92
36) 4-Chloro-3-methylphenol	8.79	107	222028	40.208	ng	99
37) 2-Methylnaphthalene	8.95	142	449819	40.078	ng	99
38) 1-Methylnaphthalene	9.05	142	432605	39.886	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	221079	41.722	ng	98

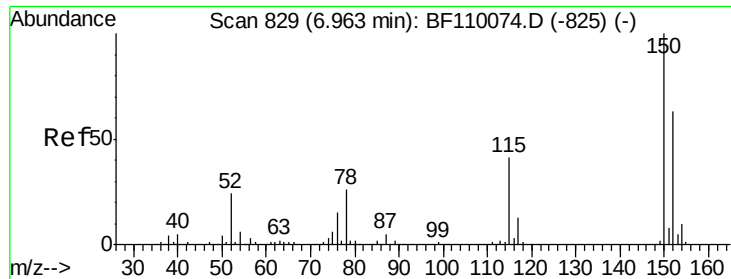
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110455.D
 Acq On : 5 Nov 2018 10:44
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 05 11:11:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	111715	41.231	ng	100
43) 2,4,6-Trichlorophenol	9.23	196	140041	40.975	ng	96
44) 2,4,5-Trichlorophenol	9.27	196	146287	40.493	ng	97
46) 1,1'-Biphenyl	9.42	154	644359	41.899	ng	100
47) 2-Chloronaphthalene	9.45	162	465334	41.250	ng	99
48) 2-Nitroaniline	9.55	65	143611	42.010	ng	92
49) Acenaphthylene	9.86	152	663504	40.722	ng	98
50) Dimethylphthalate	9.71	163	504990	40.226	ng	100
51) 2,6-Dinitrotoluene	9.79	165	114929	42.501	ng	86
52) Acenaphthene	10.03	154	414487	38.453	ng	98
53) 3-Nitroaniline	9.96	138	128826	40.061	ng	94
54) 2,4-Dinitrophenol	10.07	184	39605	39.691	ng	89
55) Dibenzofuran	10.20	168	613812	40.673	ng	98
56) 4-Nitrophenol	10.12	139	87364	36.707	ng	95
57) 2,4-Dinitrotoluene	10.19	165	147885	43.056	ng	91
58) Fluorene	10.55	166	463462	41.263	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	115160	39.109	ng	92
60) Diethylphthalate	10.41	149	504385	41.159	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	243191	41.044	ng	97
62) 4-Nitroaniline	10.57	138	129036	40.344	ng	92
63) Azobenzene	10.70	77	490255	40.304	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	62568	43.125	ng	94
66) n-Nitrosodiphenylamine	10.66	169	434983	41.761	ng	98
67) 4-Bromophenyl-phenylether	11.03	248	139927	40.622	ng	93
68) Hexachlorobenzene	11.10	284	148985	40.763	ng	# 89
69) Atrazine	11.18	200	130032	39.503	ng	99
70) Pentachlorophenol	11.29	266	80395	37.723	ng	95
71) Phenanthrene	11.52	178	680829	40.973	ng	99
72) Anthracene	11.57	178	689060	41.372	ng	98
73) Carbazole	11.72	167	667001	41.016	ng	100
74) Di-n-butylphthalate	12.03	149	777637	42.340	ng	99
75) Fluoranthene	12.71	202	670905	39.784	ng	99
77) Benzidine	12.83	184	260111	37.828	ng	98
78) Pyrene	12.94	202	703211	43.052	ng	99
80) Butylbenzylphthalate	13.54	149	303930	42.870	ng	93
81) Benzo(a)anthracene	14.13	228	546284	40.432	ng	99
82) 3,3'-Dichlorobenzidine	14.09	252	179180	38.084	ng	99
83) Chrysene	14.17	228	516717	40.265	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	385849	40.261	ng	97
85) Di-n-octyl phthalate	14.70	149	588911	39.519	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	379733	35.669	ng	97
88) Benzo(b)fluoranthene	15.21	252	395491	40.546	ng	100
89) Benzo(k)fluoranthene	15.21	252	395491	41.243	ng	99
90) Benzo(a)pyrene	15.60	252	363322	40.479	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	316995	40.932	ng	99
92) Benzo(g,h,i)perylene	17.71	276	313966	41.141	ng	98

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

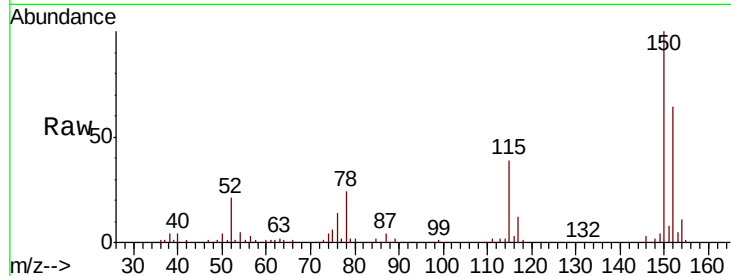


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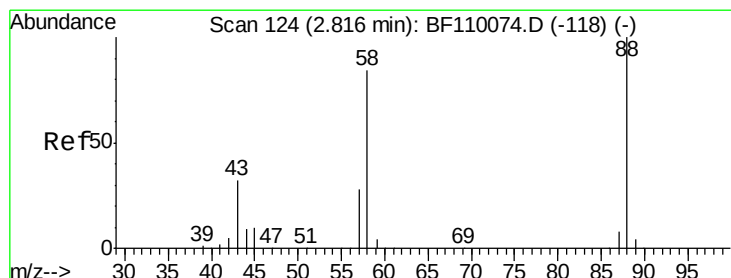
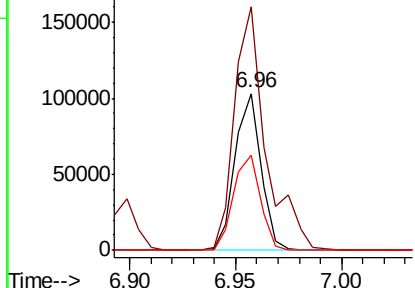
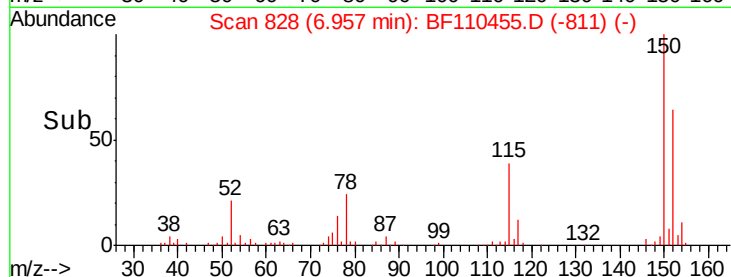
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 87810
Ion Ratio Lower Upper
152 100
150 155.5 122.7 184.1
115 61.2 49.1 73.7



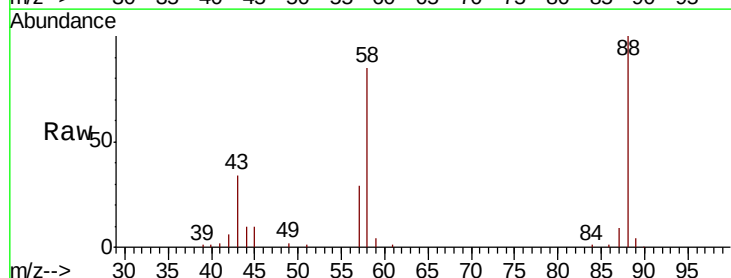
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



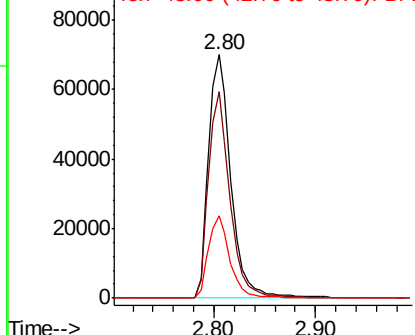
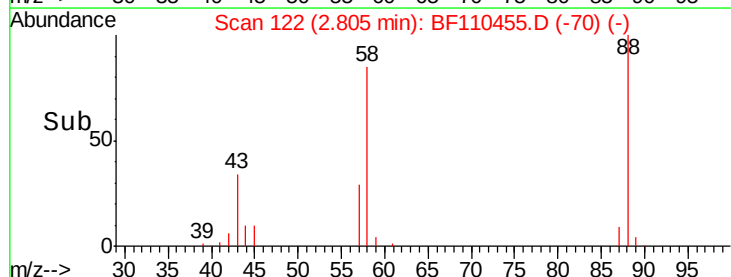
#2

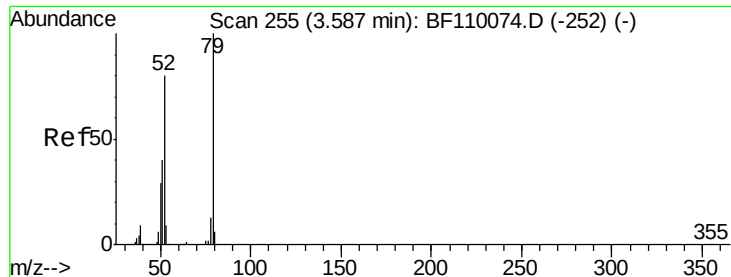
1,4-Dioxane
Concen: 38.041 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion: 88 Resp: 107472
Ion Ratio Lower Upper
88 100
58 81.0 57.1 85.7
43 32.3 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: 38.385 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.01 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampled :

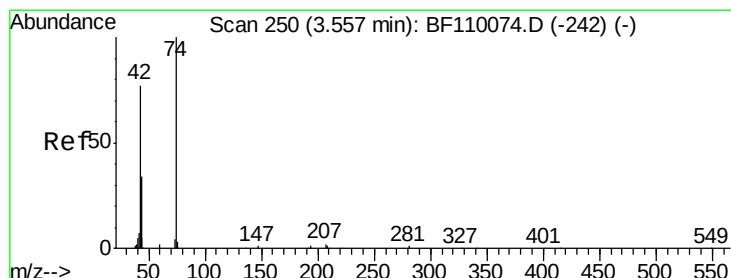
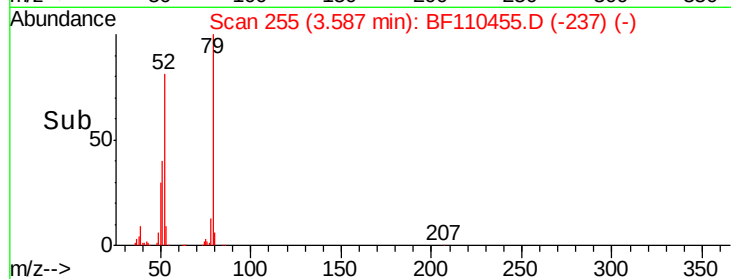
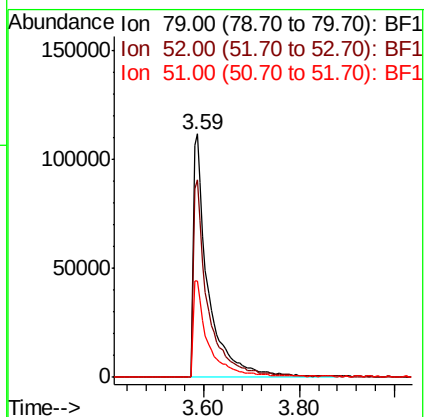
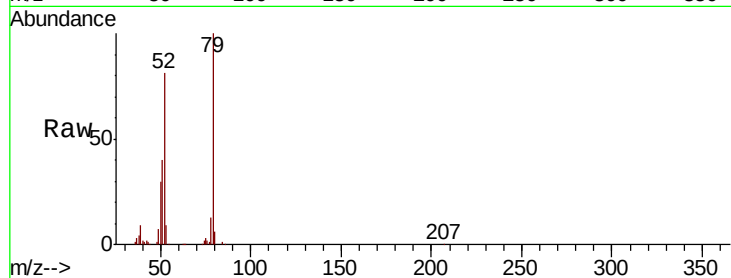
Tot Ion: 79 Resp: 241535

Ion Ratio Lower Upper

79 100

52 80.9 53.1 79.7#

51 39.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 39.424 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

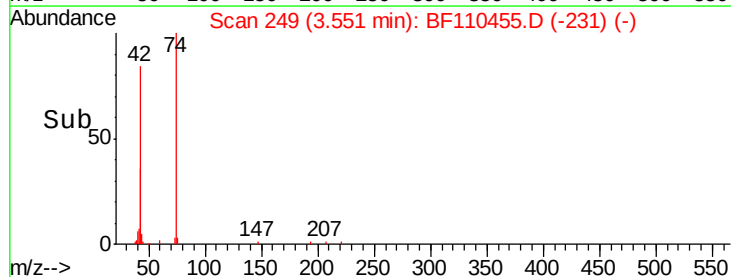
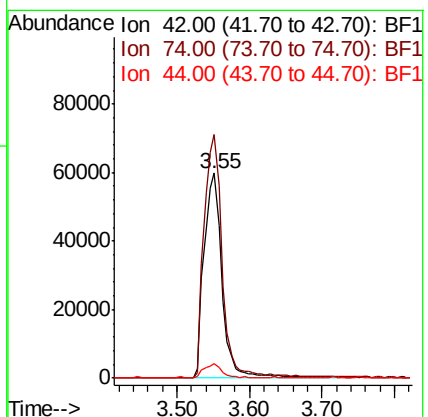
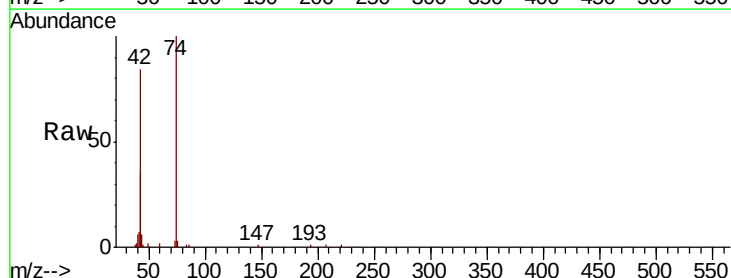
Tgt Ion: 42 Resp: 103932

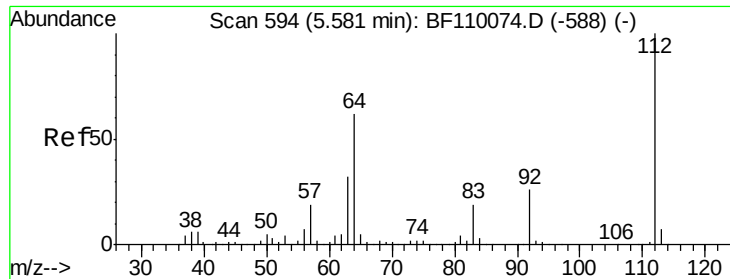
Ion Ratio Lower Upper

42 100

74 119.0 105.5 158.3

44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 81.295 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

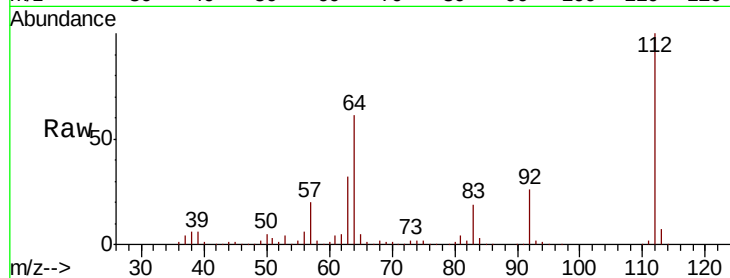
Tot Ion:112 Resp: 438364

Ion Ratio Lower Upper

112 100

64 61.2 44.1 66.1

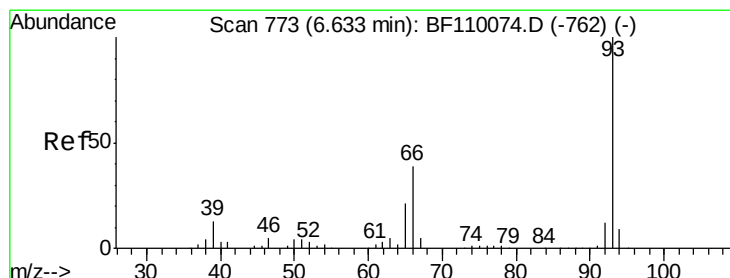
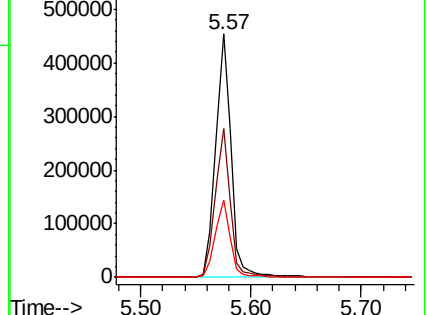
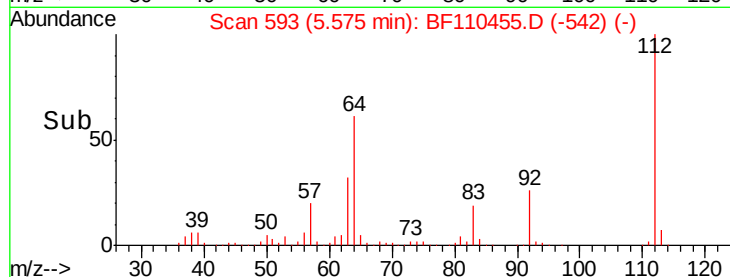
63 32.0 23.7 35.5



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: 38.763 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

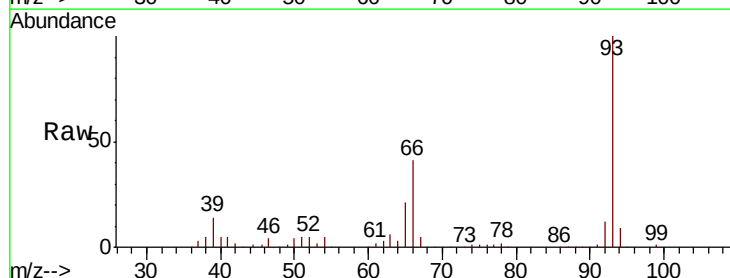
Tgt Ion: 93 Resp: 348265

Ion Ratio Lower Upper

93 100

66 41.1 67.4 101.0#

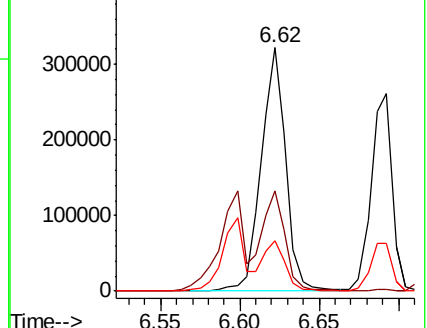
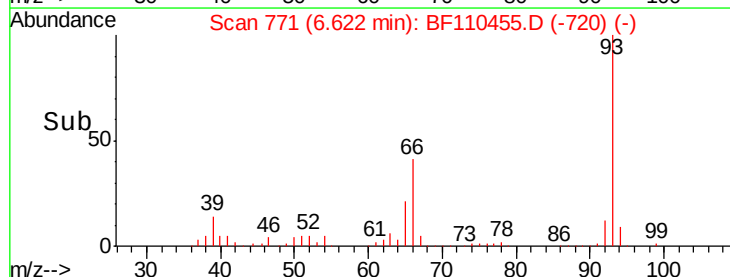
65 20.9 41.0 61.4#

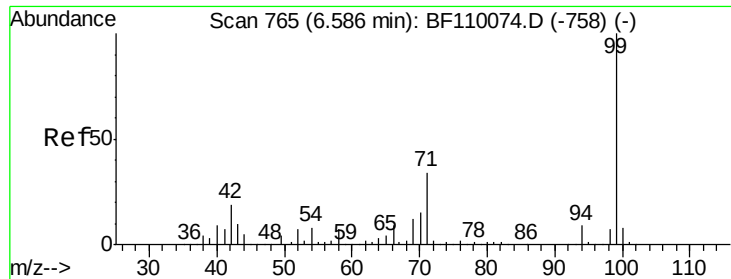


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.398 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

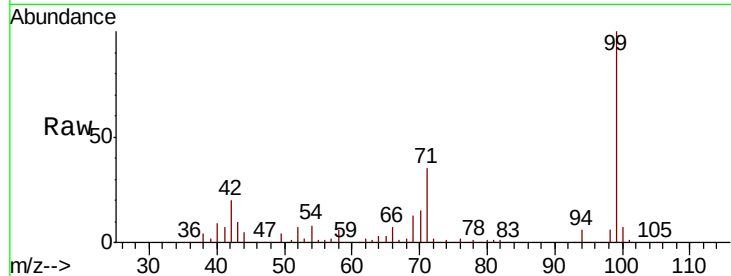
Tot Ion: 99 Resp: 547617

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

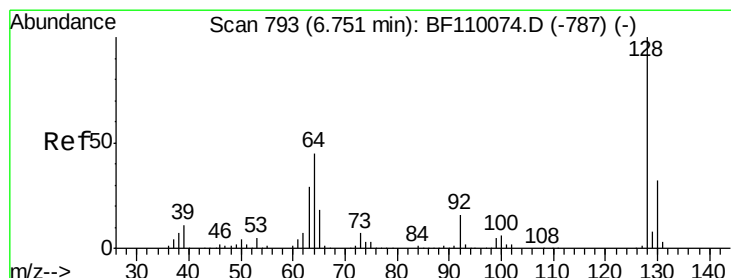
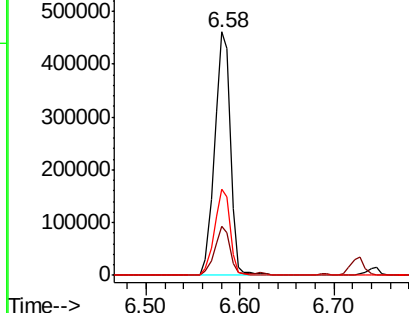
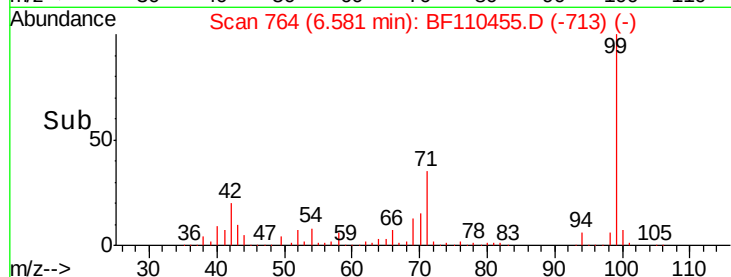
71 35.1 28.0 42.0



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: 40.933 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

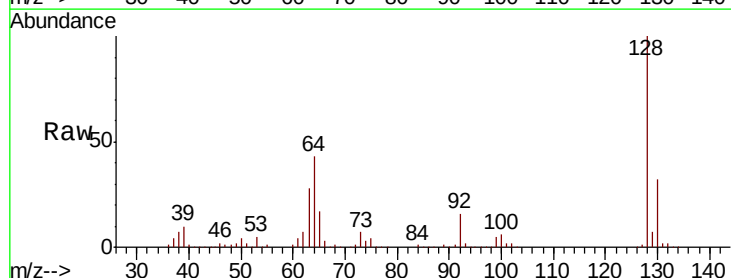
Tgt Ion: 128 Resp: 254471

Ion Ratio Lower Upper

128 100

130 32.2 13.1 53.1

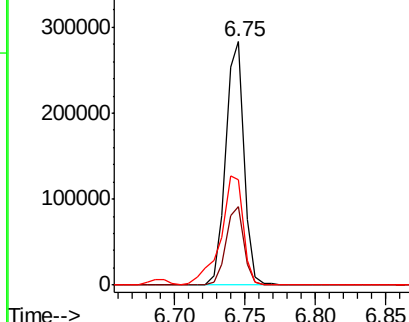
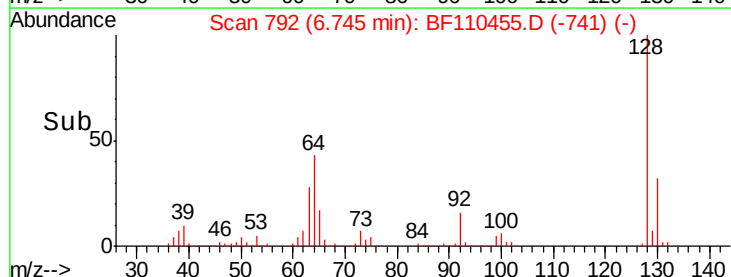
64 43.5 26.0 66.0

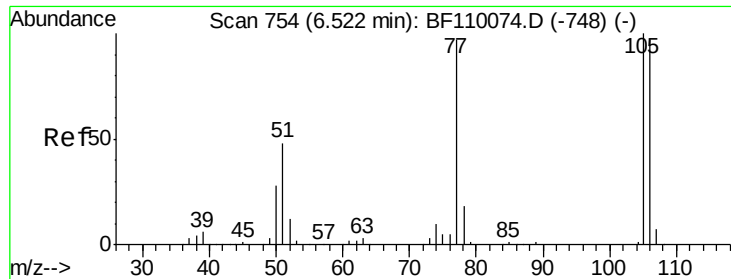


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.858 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

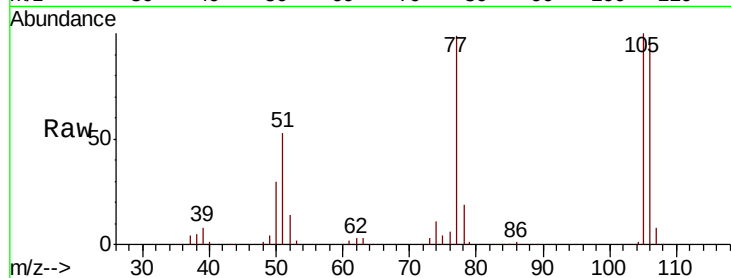
Tot Ion: 77 Resp: 147946

Ion Ratio Lower Upper

77 100

105 101.1 78.6 118.6

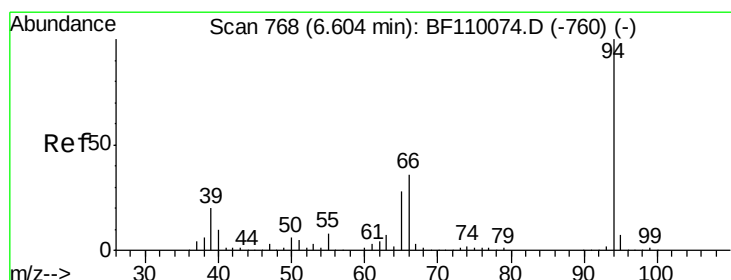
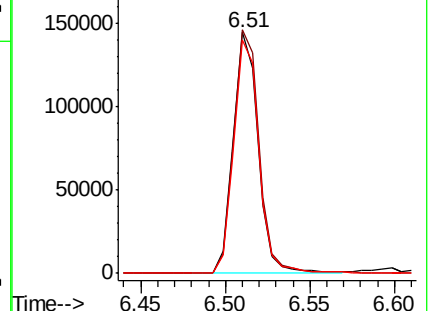
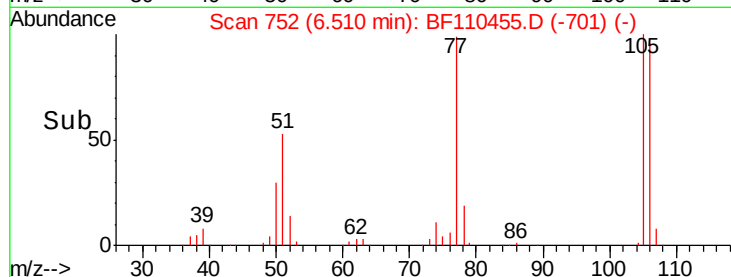
106 97.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.049 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

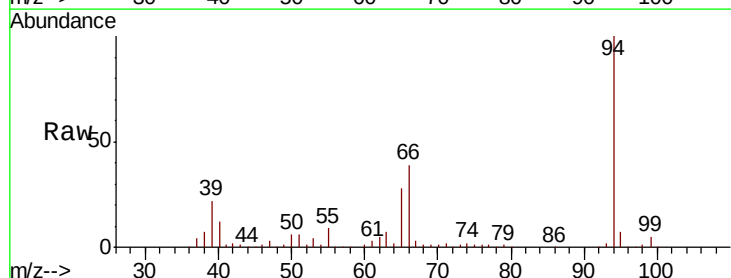
Tgt Ion: 94 Resp: 317380

Ion Ratio Lower Upper

94 100

65 28.4 25.3 65.3

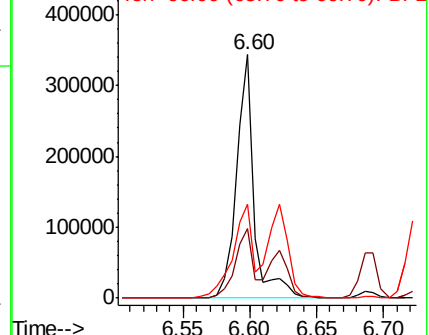
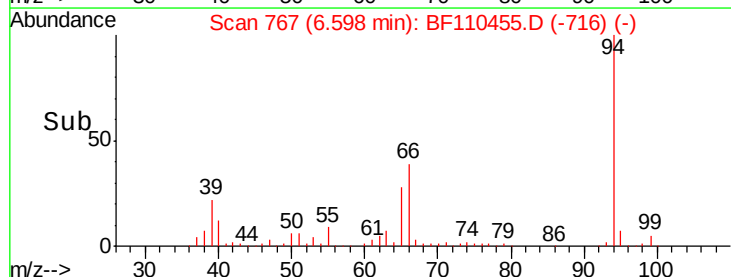
66 38.8 54.5 94.5#

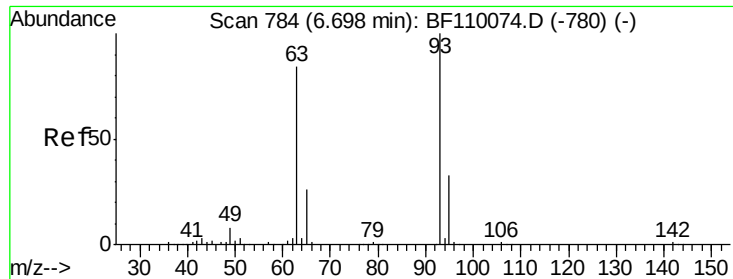


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

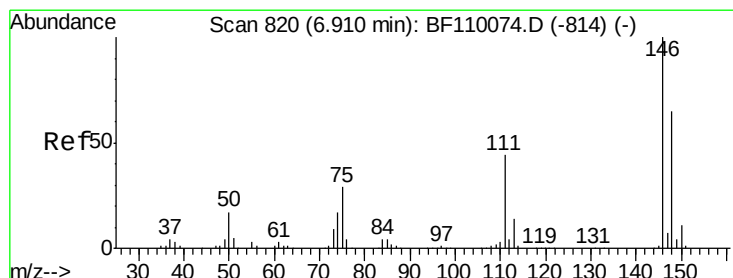
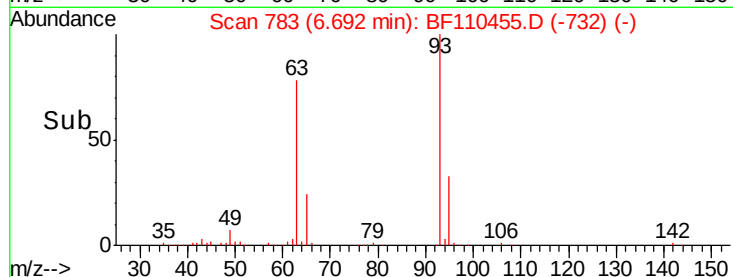
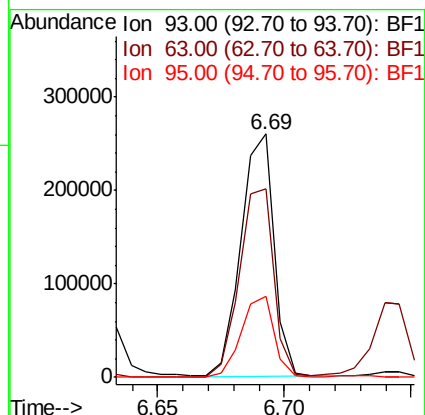
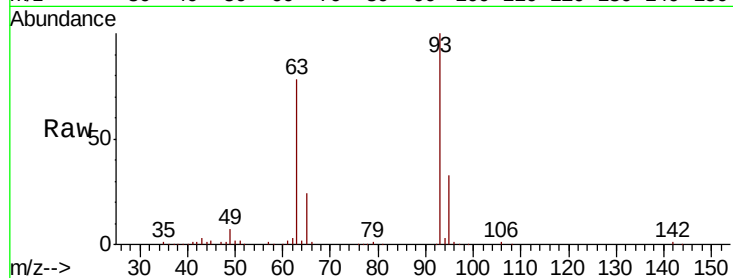




#11
bis(2-Chloroethyl)ether
Concen: 38.852 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

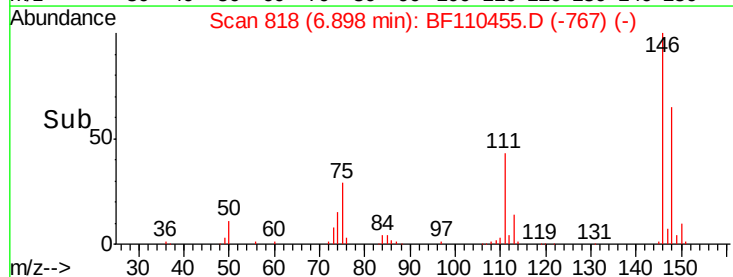
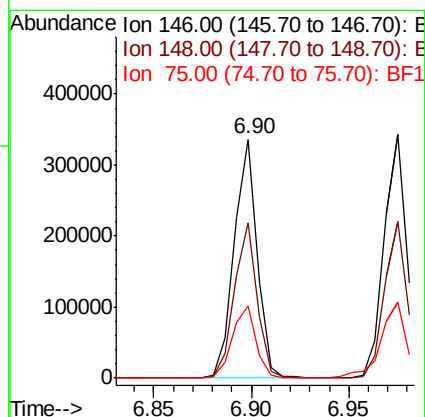
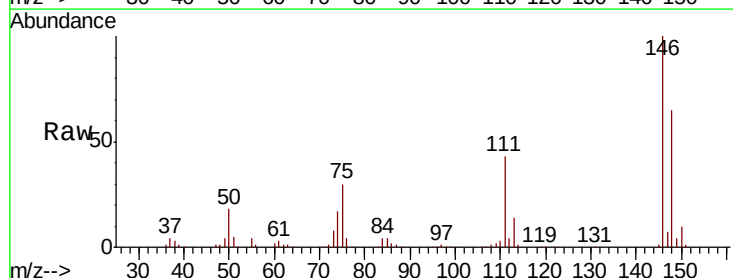
Instrument :
BNA_F
ClientSampleId :

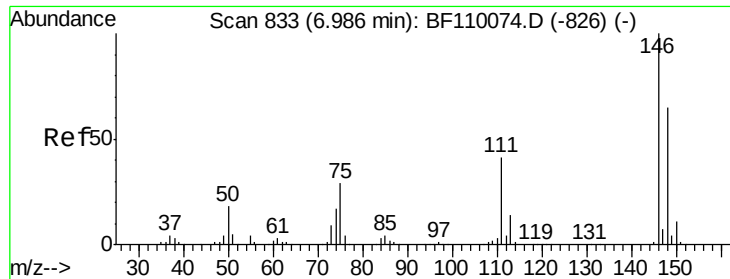
Tot Ion: 93 Resp: 235655
Ion Ratio Lower Upper
93 100
63 77.6 53.4 93.4
95 33.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.162 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion: 146 Resp: 274769
Ion Ratio Lower Upper
146 100
148 65.2 50.4 75.6
75 30.0 25.8 38.6

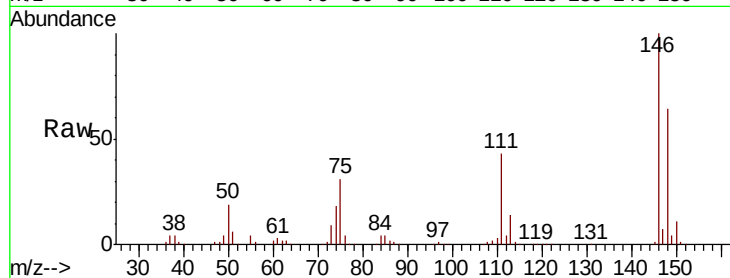




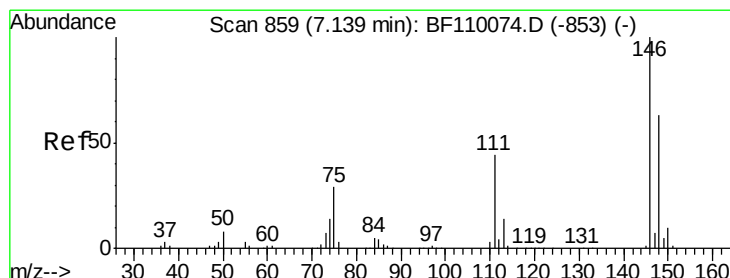
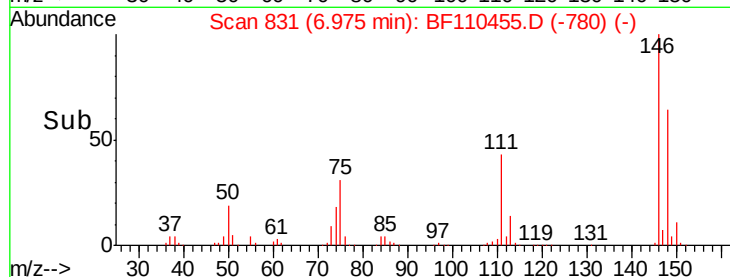
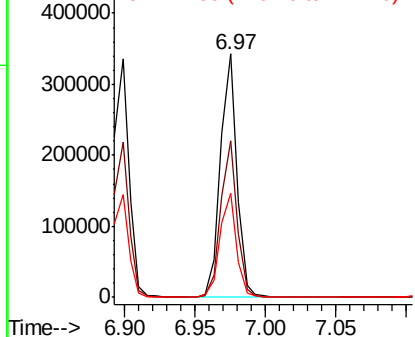
#13
 1,4-Dichlorobenzene
 Concen: 40.460 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 279951
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.3 75.5
 111 42.6 32.7 49.1

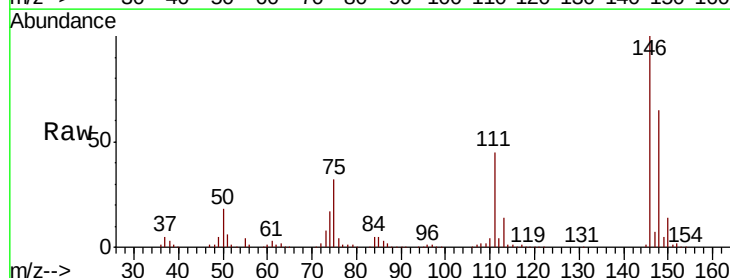


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

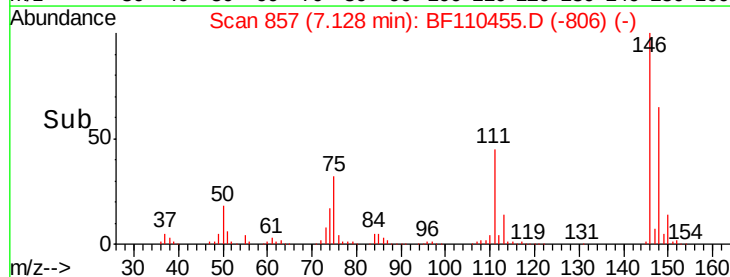
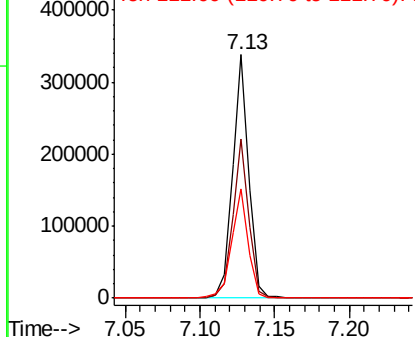


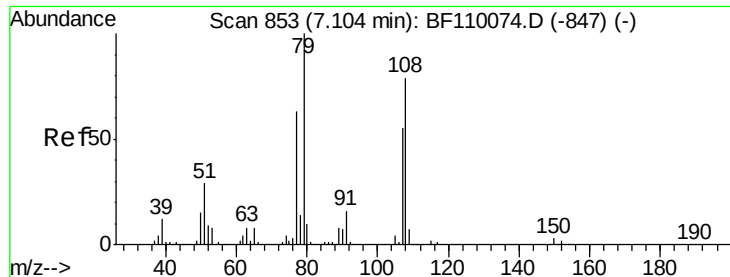
#14
 1,2-Dichlorobenzene
 Concen: 40.439 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion:146 Resp: 259752
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 44.9 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 39.935 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

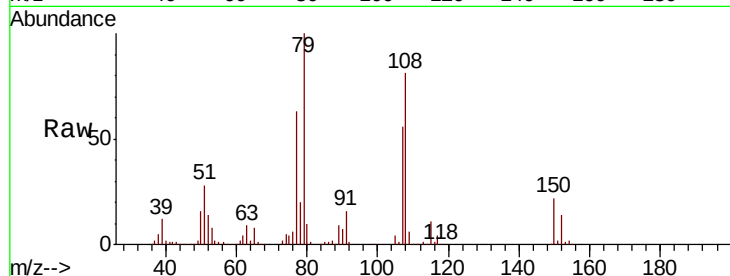
Tot Ion: 79 Resp: 211841

Ion Ratio Lower Upper

79 100

108 81.2 56.3 84.5

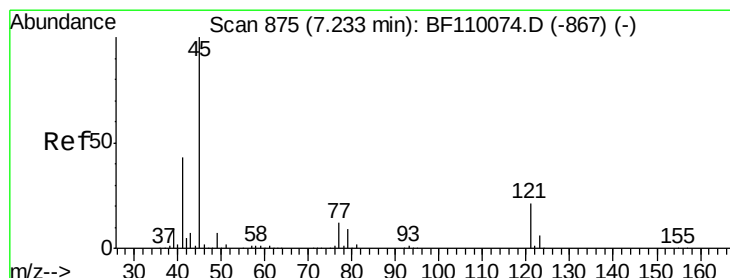
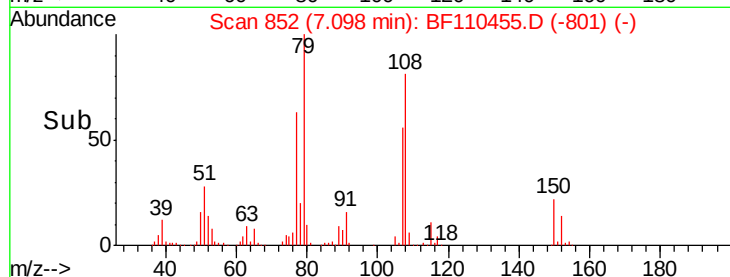
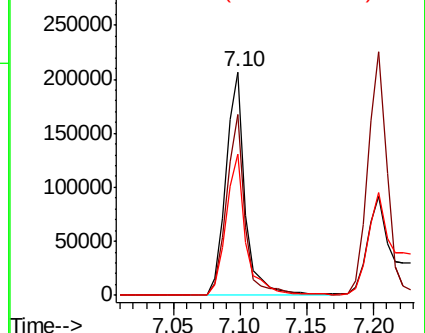
77 63.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.063 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

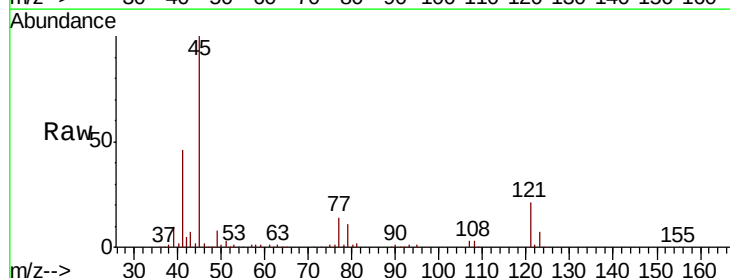
Tgt Ion: 45 Resp: 378831

Ion Ratio Lower Upper

45 100

77 14.0 10.0 50.0

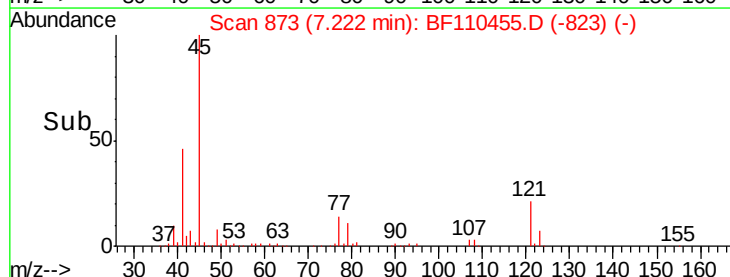
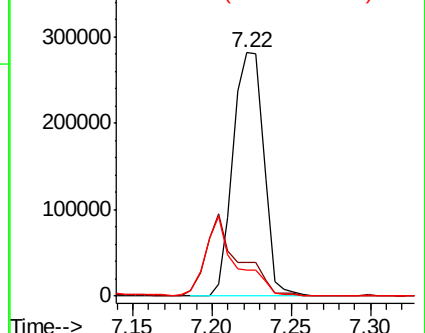
79 10.5 6.1 46.1

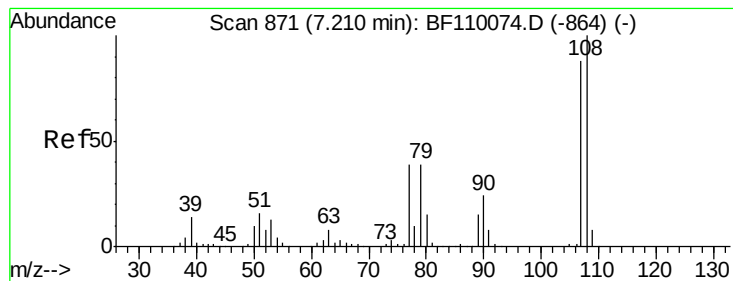


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

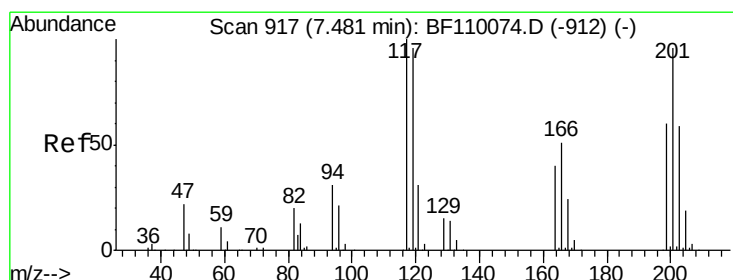
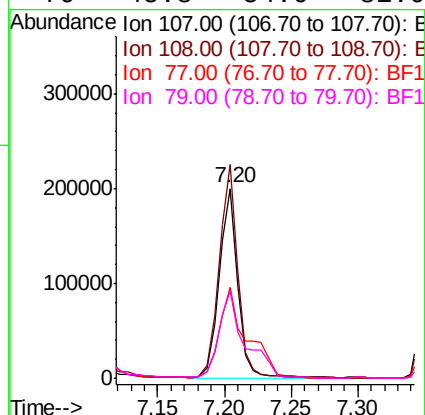
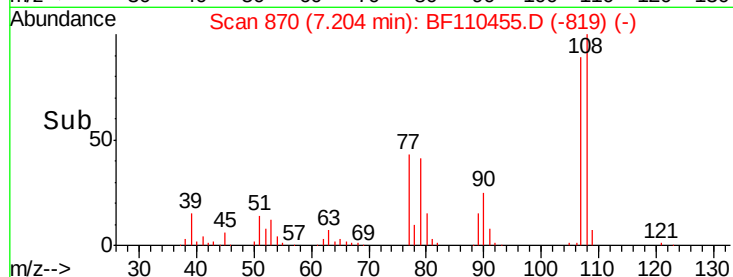
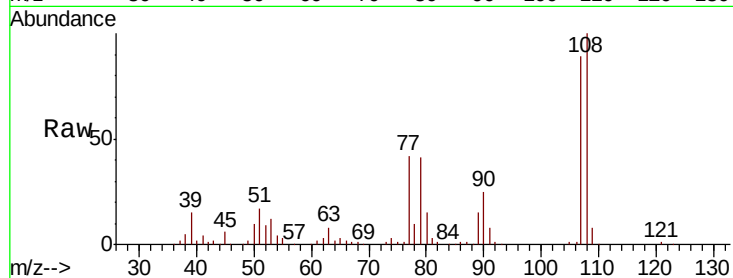




#17
2-Methylphenol
Concen: 39.514 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

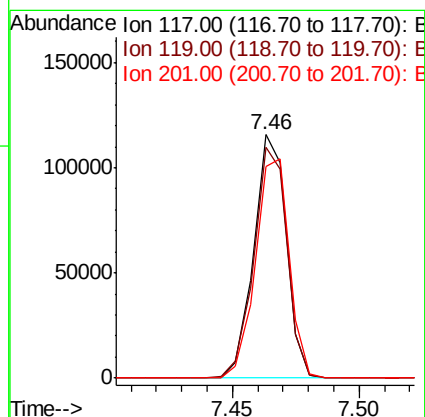
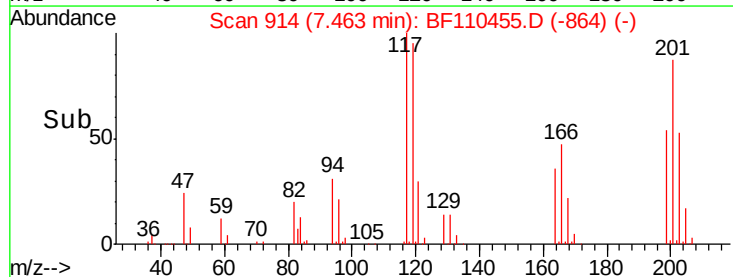
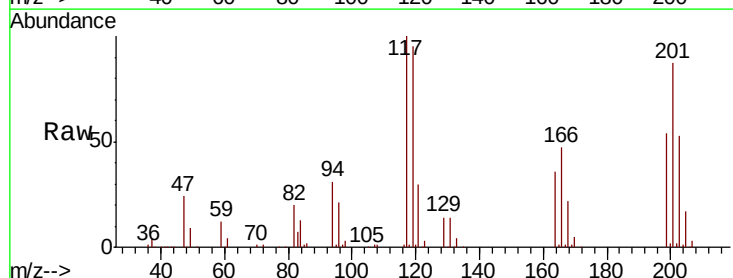
Instrument :
BNA_F
ClientSampleId :

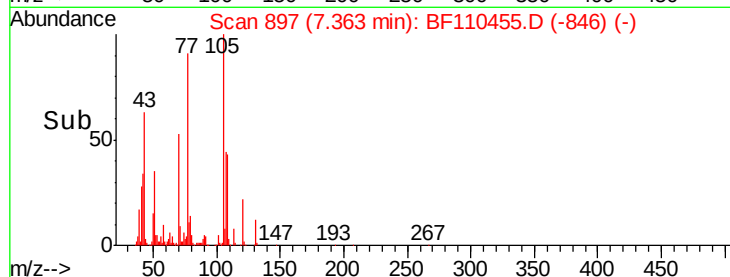
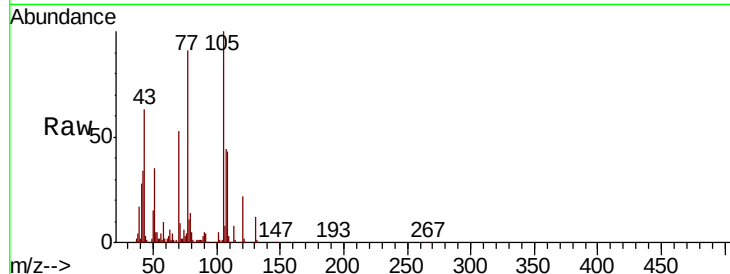
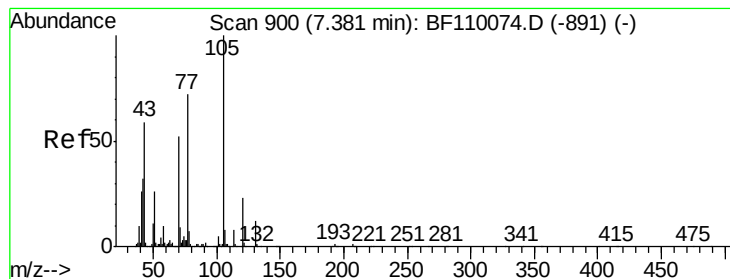
Tot Ion:107 Resp: 195776
Ion Ratio Lower Upper
107 100
108 112.4 92.6 138.8
77 47.7 59.4 89.2#
79 45.8 54.0 81.0#



#18
Hexachloroethane
Concen: 41.114 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:117 Resp: 104151
Ion Ratio Lower Upper
117 100
119 94.6 75.0 112.6
201 87.0 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.223 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 173554

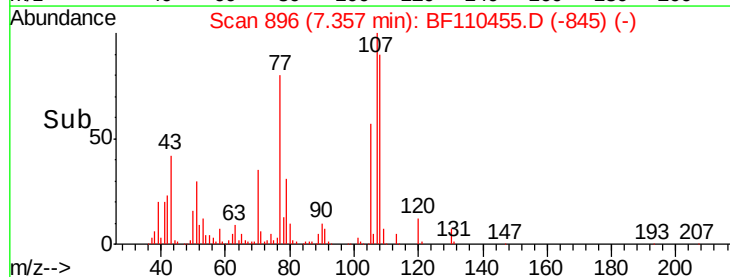
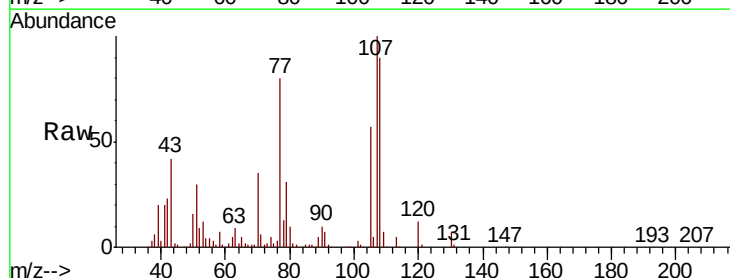
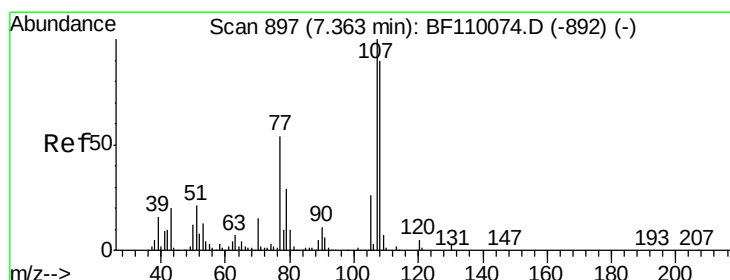
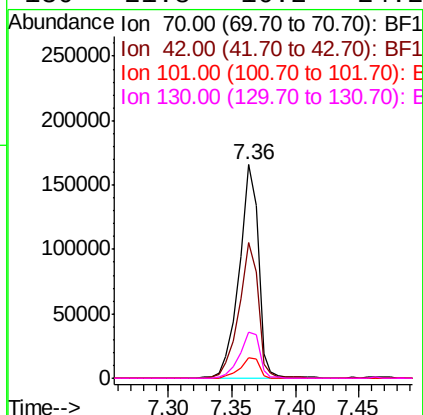
Ion Ratio Lower Upper

70 100

42 63.6 47.4 71.2

101 9.9 7.3 10.9

130 21.8 16.2 24.2



#20

3+4-Methylphenols

Concen: 38.852 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Tgt Ion: 107 Resp: 248819

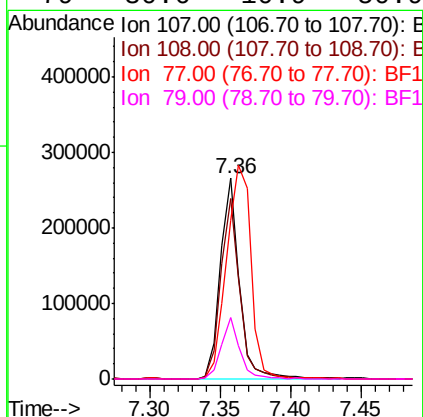
Ion Ratio Lower Upper

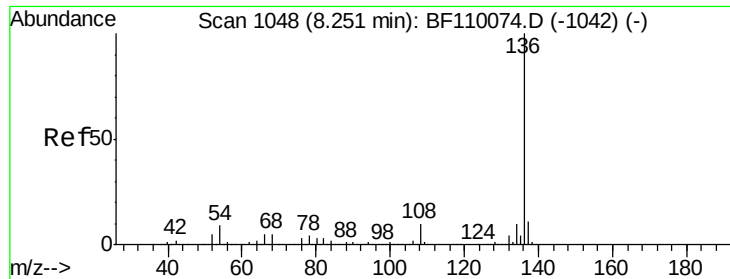
107 100

108 90.2 71.4 111.4

77 79.5 47.3 87.3

79 30.6 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 368058

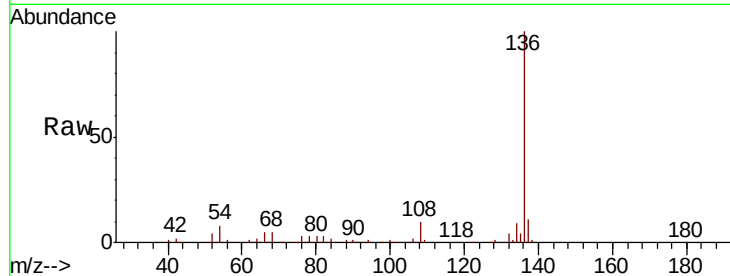
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.0 5.4 8.2

68 5.0 4.2 6.2

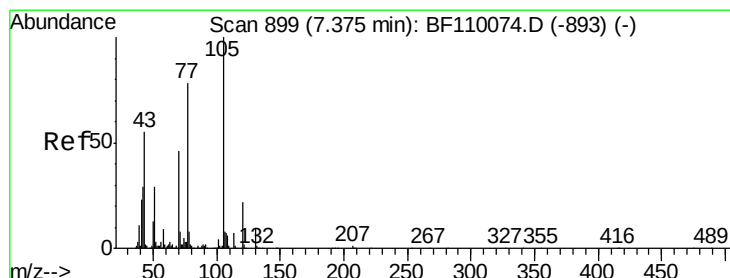
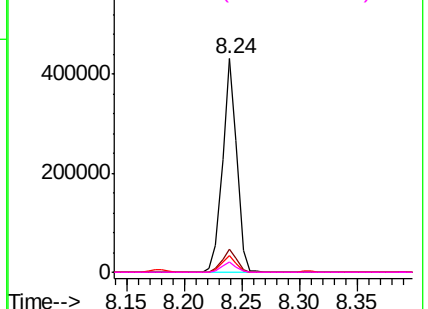
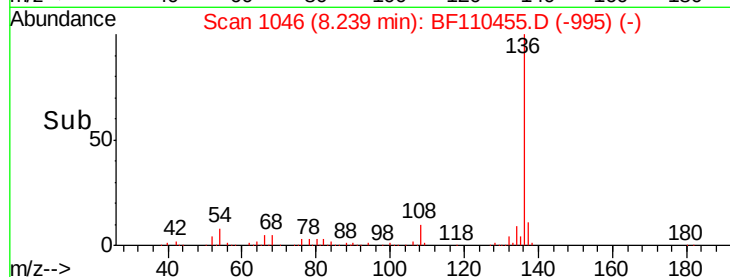


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.420 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Tgt Ion:105 Resp: 342798

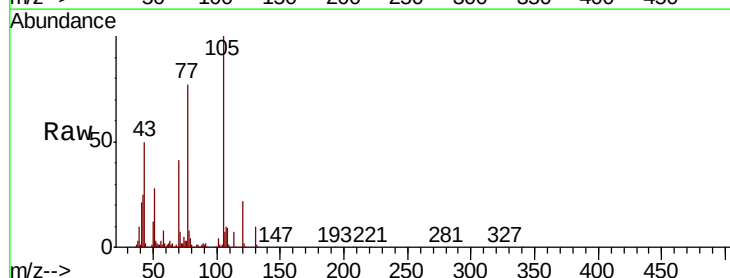
Ion Ratio Lower Upper

105 100

71 6.9 5.2 7.8

51 28.2 21.8 32.8

120 22.3 17.0 25.4

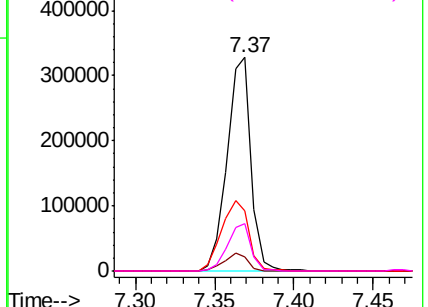
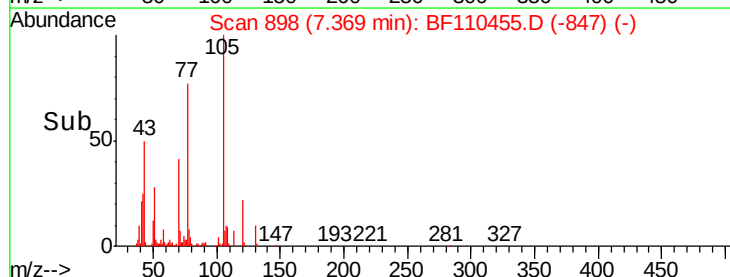


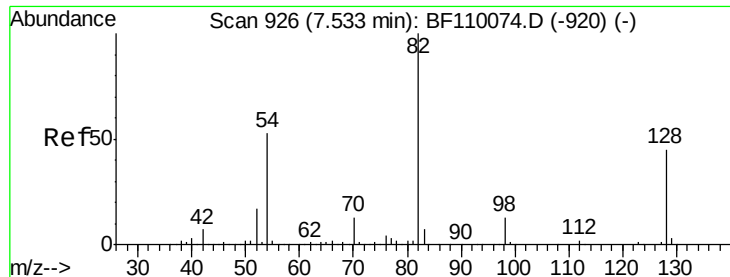
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

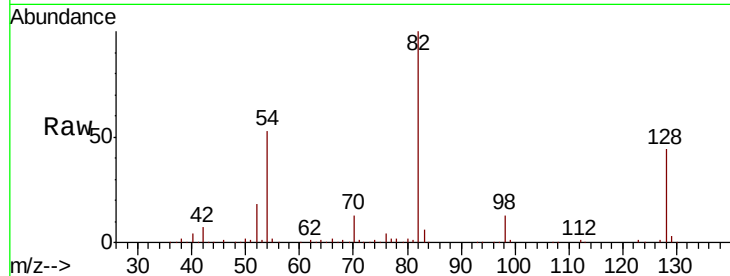




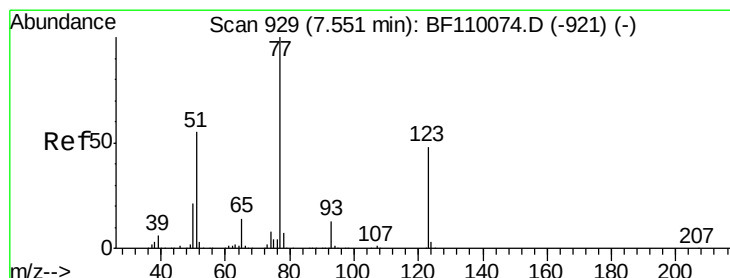
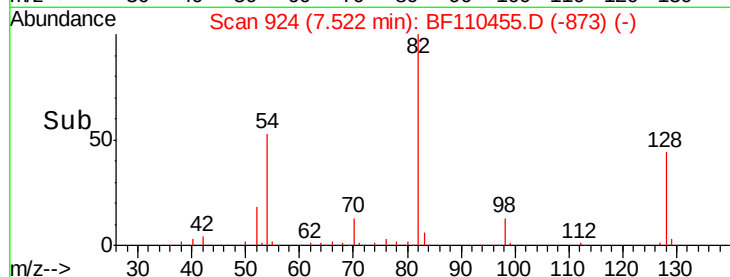
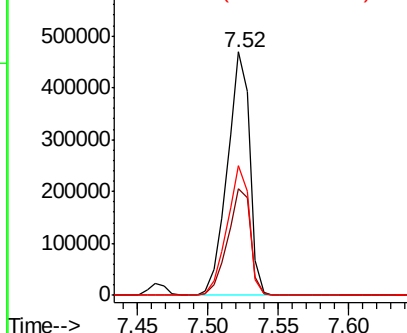
#23
 Nitrobenzene-d5
 Concen: 83.020 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	515169
Ion Ratio	100	Lower	Upper
128	43.6	34.2	51.2
54	53.5	38.6	58.0

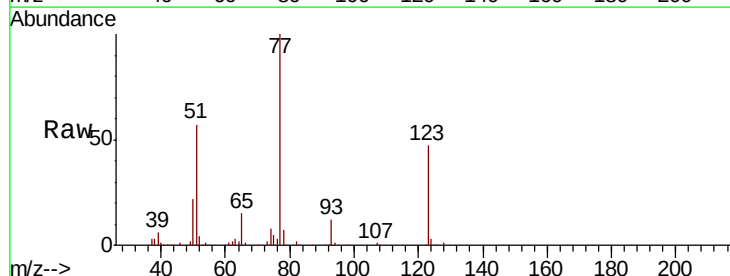


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

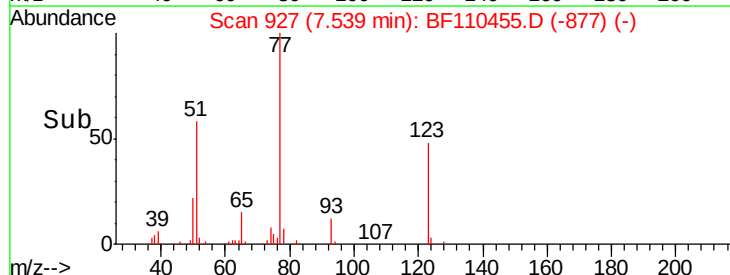
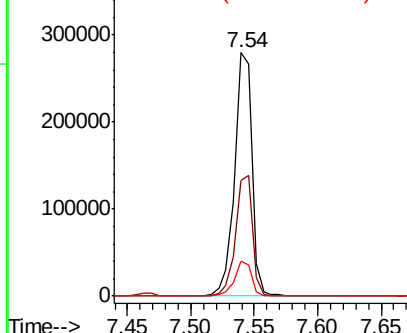


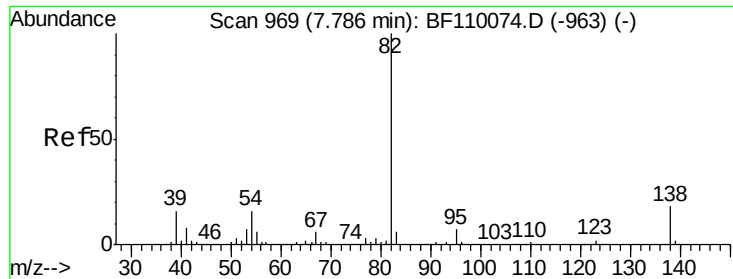
#24
 Nitrobenzene
 Concen: 40.717 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion	77	Resp	260854
Ion Ratio	100	Lower	Upper
123	47.4	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: 39.043 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampled :

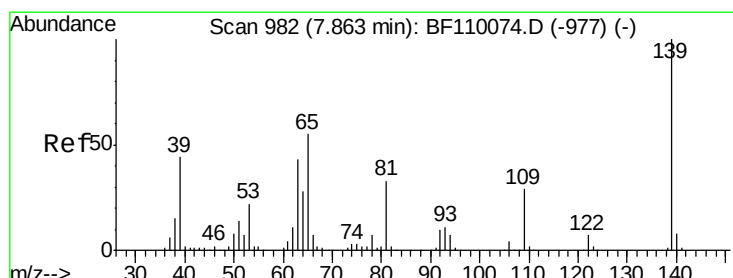
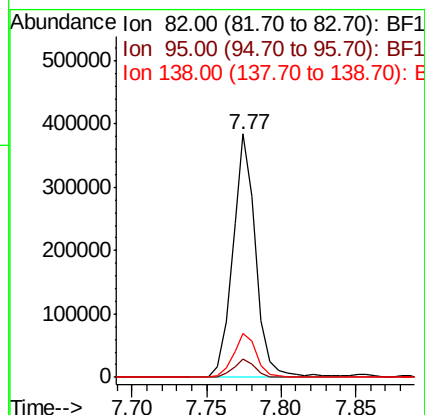
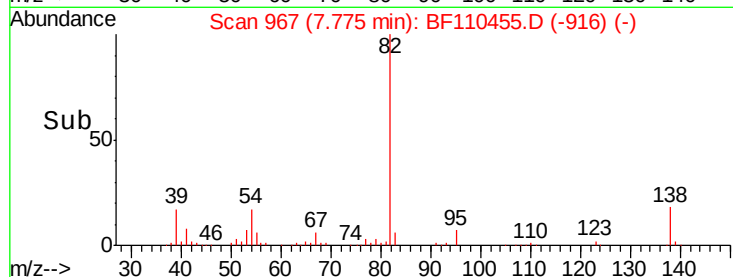
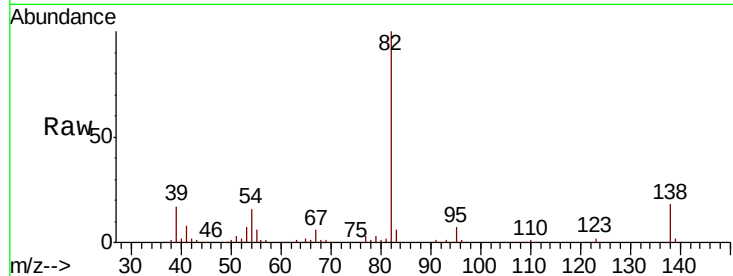
Tot Ion: 82 Resp: 412980

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 18.1 13.2 19.8



#26

2-Nitrophenol

Concen: 43.325 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

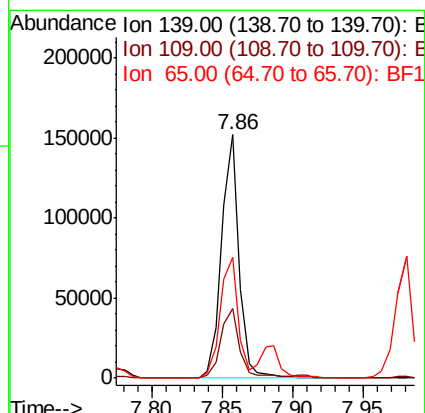
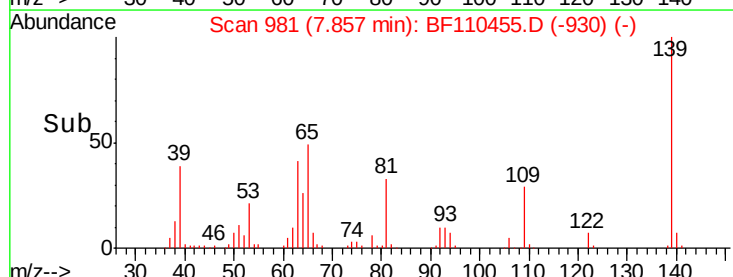
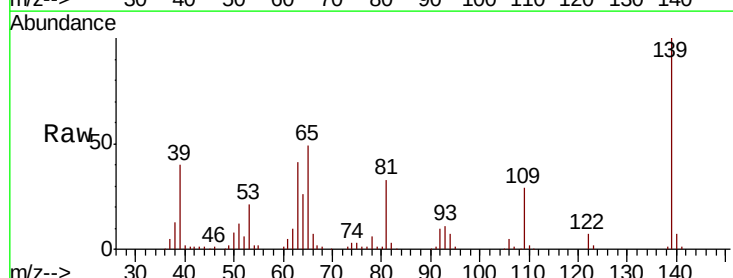
Tgt Ion: 139 Resp: 132084

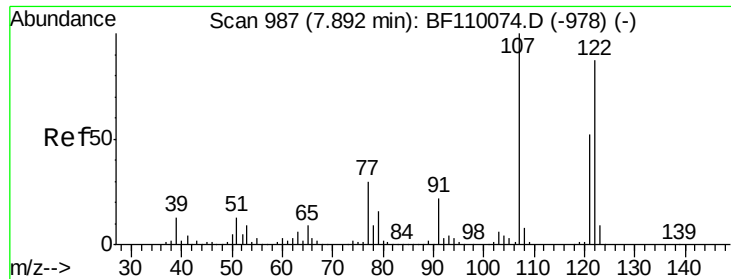
Ion Ratio Lower Upper

139 100

109 28.8 25.0 37.6

65 49.5 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.879 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

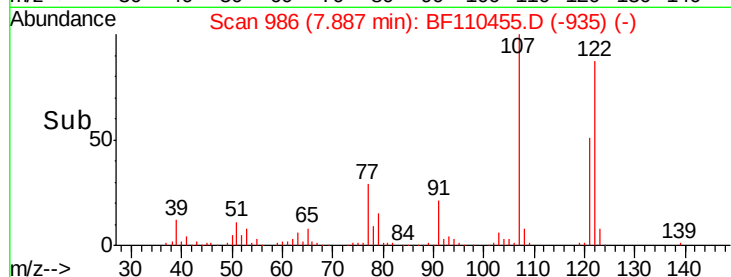
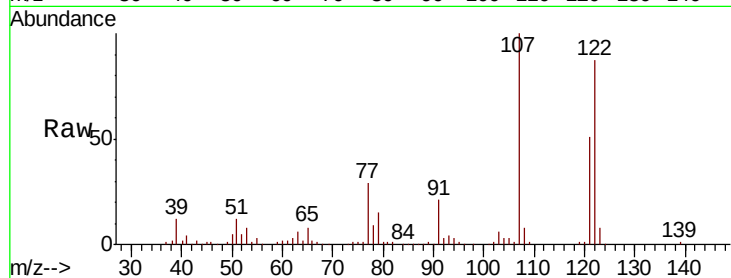
Tot Ion:122 Resp: 196516

Ion Ratio Lower Upper

122 100

107 114.3 92.5 138.7

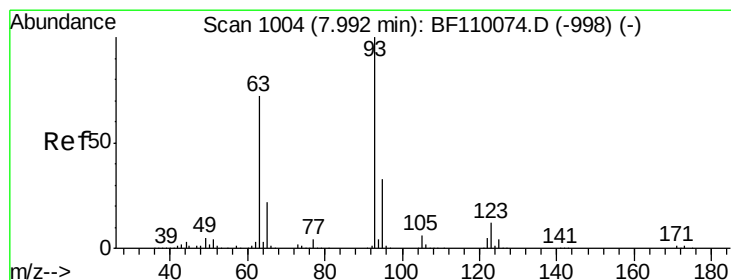
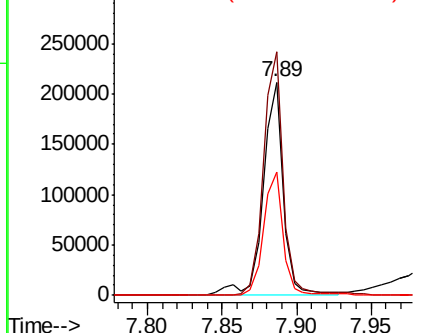
121 58.2 45.8 68.8



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: 39.316 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

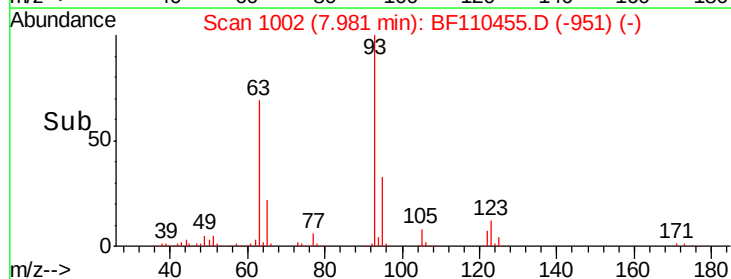
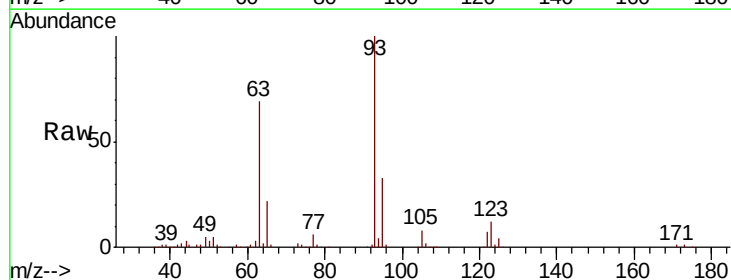
Tgt Ion: 93 Resp: 282516

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

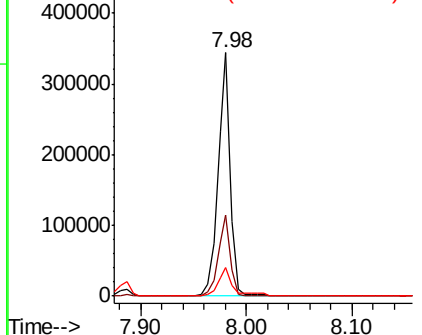
123 11.9 9.0 13.6

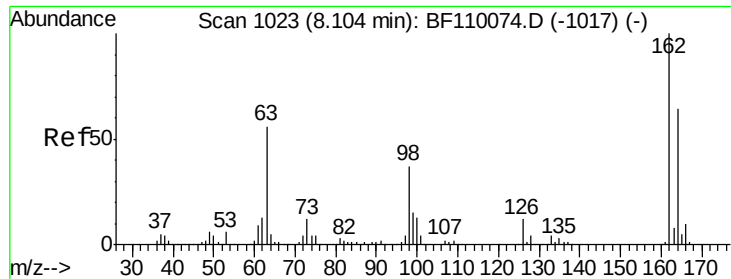


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

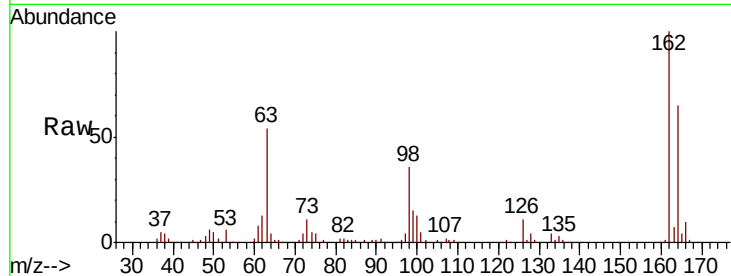




#29
 2,4-Dichlorophenol
 Concen: 40.468 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	35.9	17.4	57.4

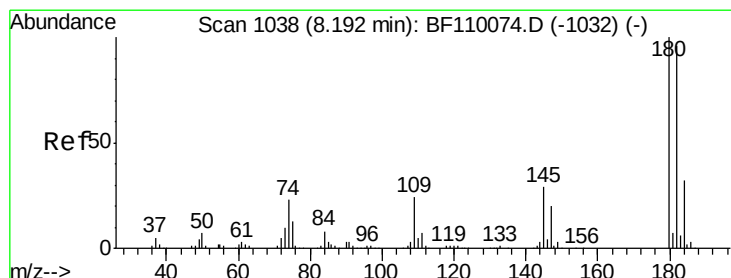
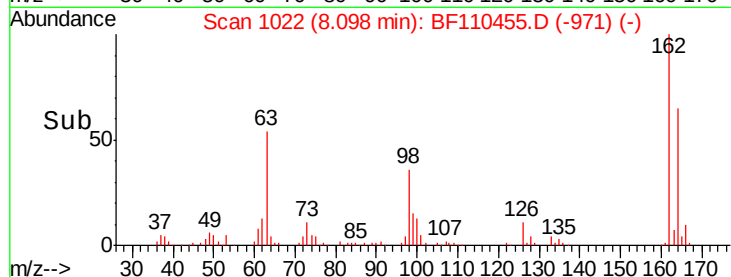
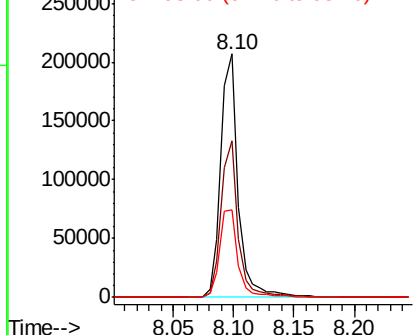


Abundance

Ion 162.00 (161.70 to 162.70): E

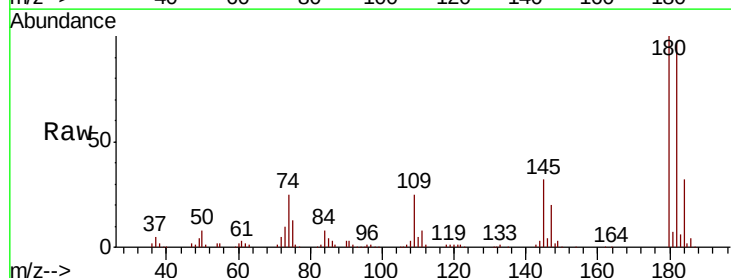
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.395 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	80.3	120.5
145	31.7	25.4	38.0

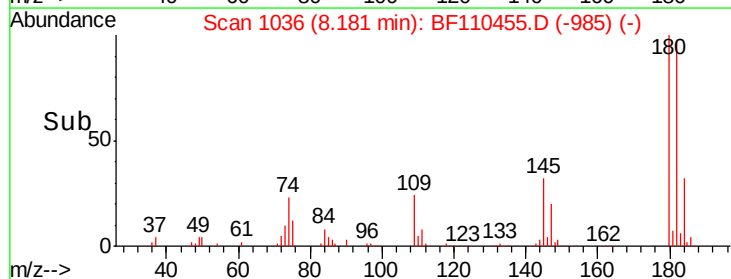
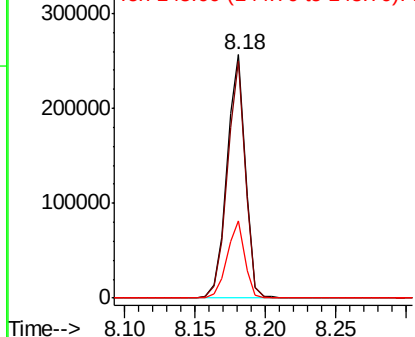


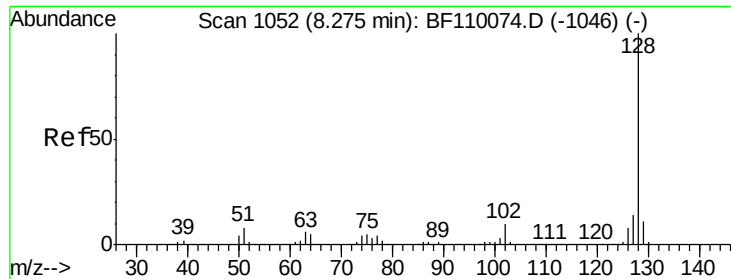
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

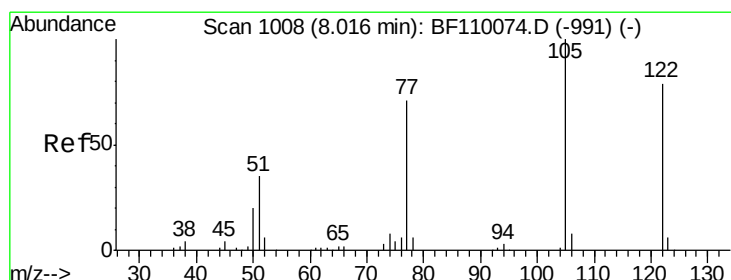
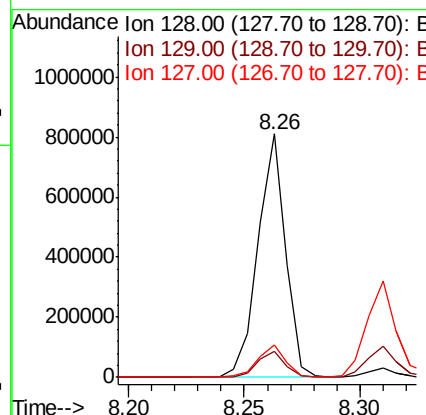
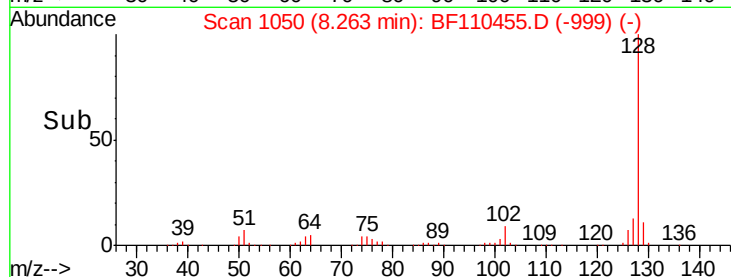
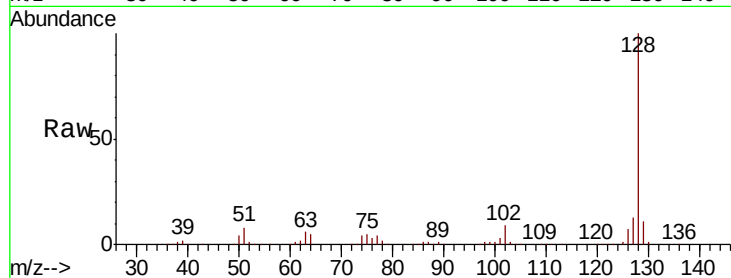




#31
Naphthalene
Concen: 40.097 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

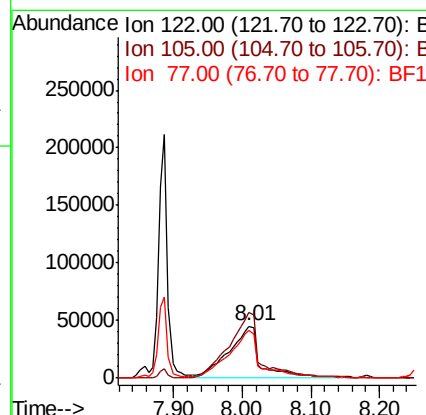
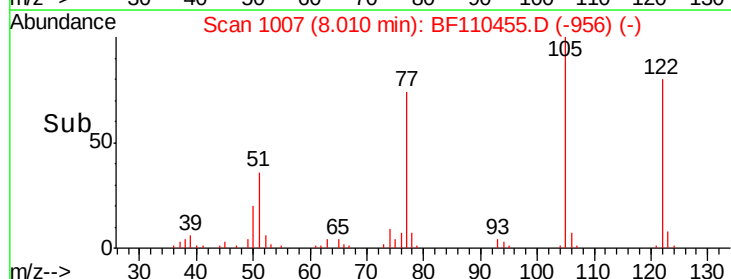
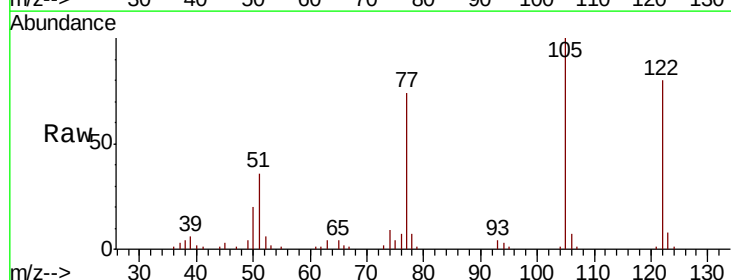
Instrument :
BNA_F
ClientSampleId :

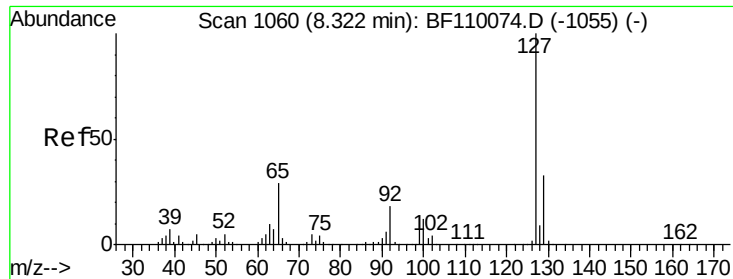
Tot Ion:128 Resp: 680187
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 35.998 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:122 Resp: 140630
Ion Ratio Lower Upper
122 100
105 125.2 109.0 149.0
77 92.6 79.0 119.0

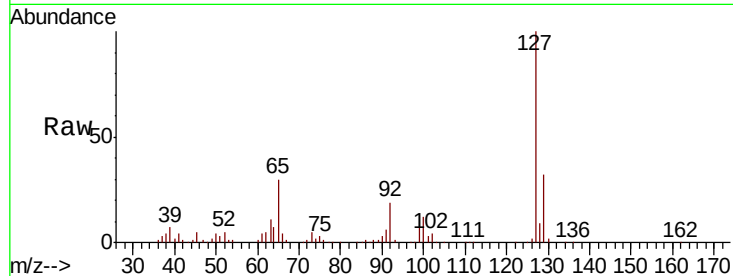




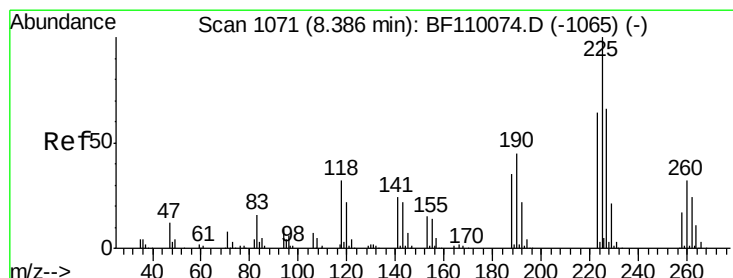
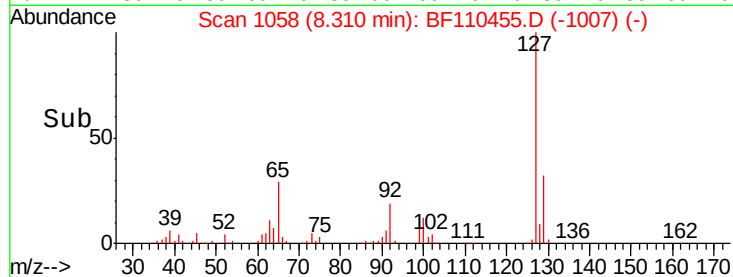
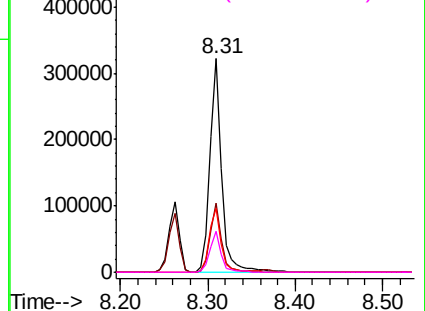
#33
4-Chloroaniline
Concen: 39.704 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	303123
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	29.9	25.1	37.7
92	18.9	15.0	22.6

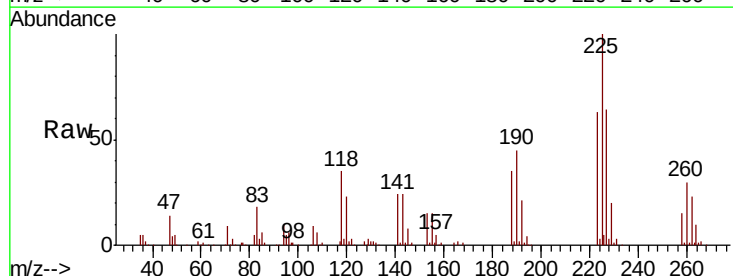


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

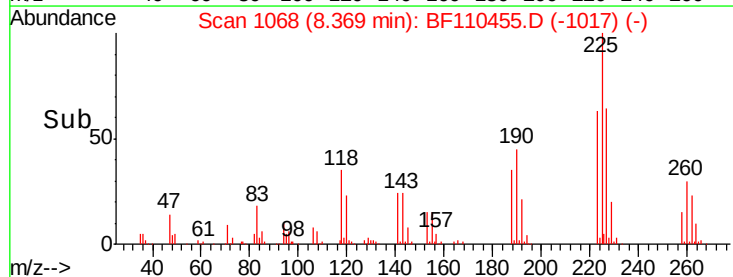
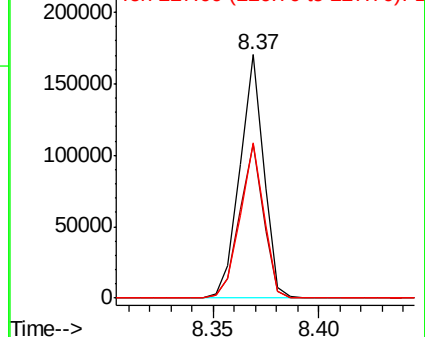


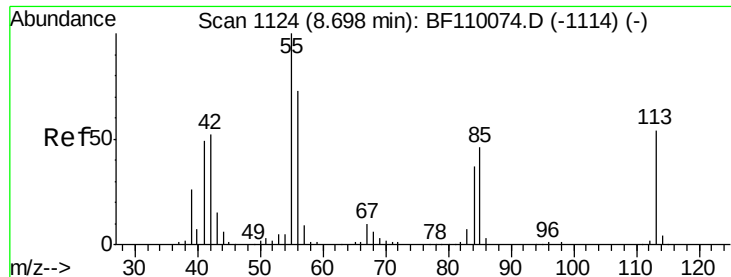
#34
Hexachlorobutadiene
Concen: 41.777 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:	225	Resp:	132681
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	63.6	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

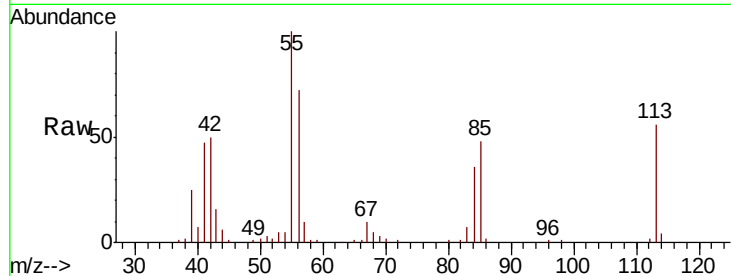




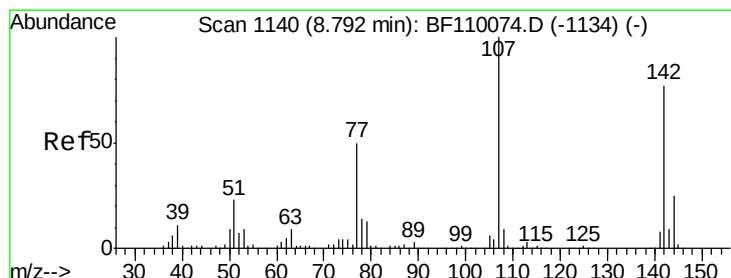
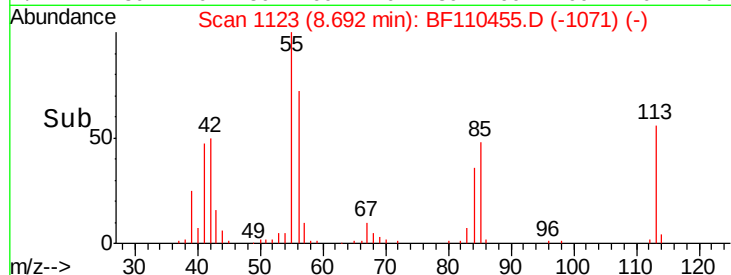
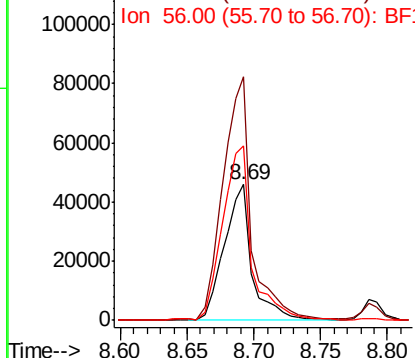
#35
Caprolactam
Concen: 37.811 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 67297
Ion Ratio Lower Upper
113 100
55 179.4 142.8 182.8
56 128.6 105.0 145.0

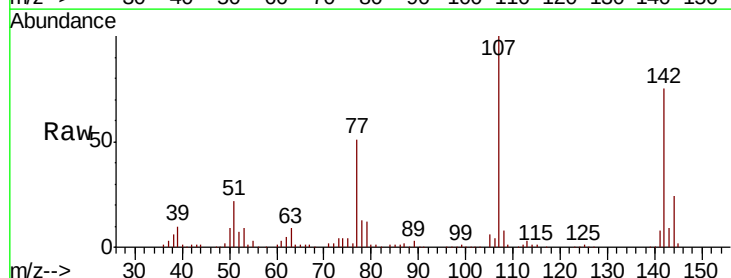


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

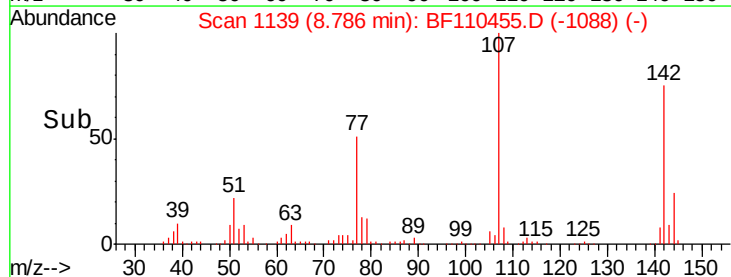
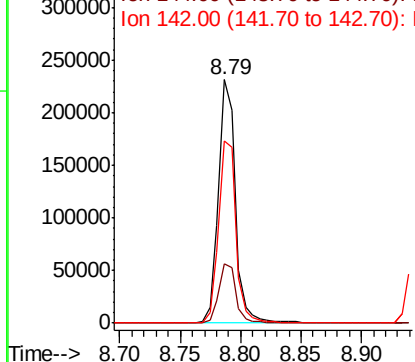


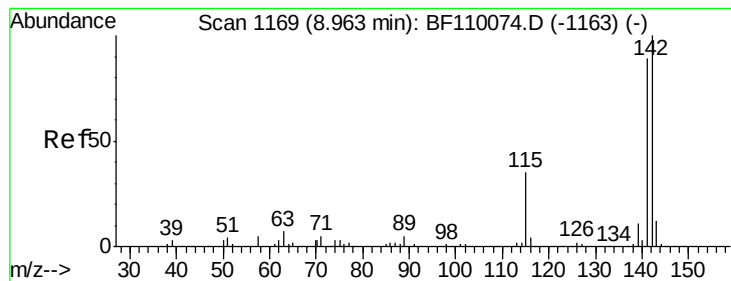
#36
4-Chloro-3-methylphenol
Concen: 40.208 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:107 Resp: 222028
Ion Ratio Lower Upper
107 100
144 24.2 20.0 30.0
142 74.8 59.7 89.5



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





#37

2-Methylnaphthalene

Concen: 40.078 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

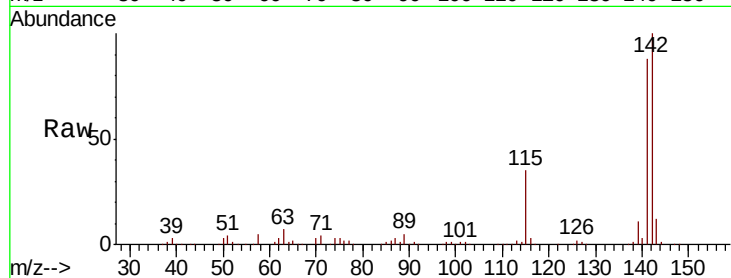
Tot Ion:142 Resp: 449819

Ion Ratio Lower Upper

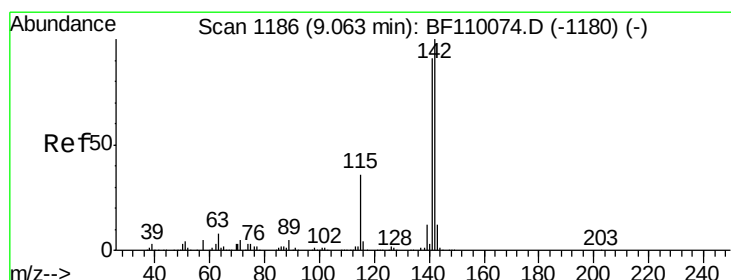
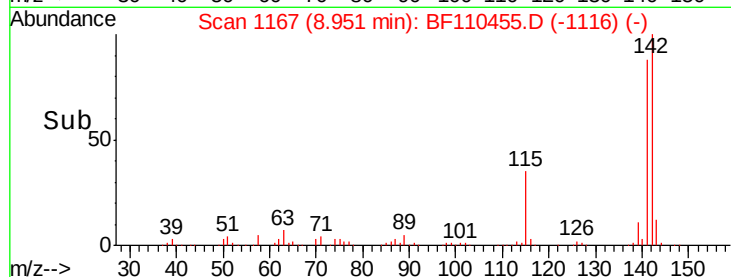
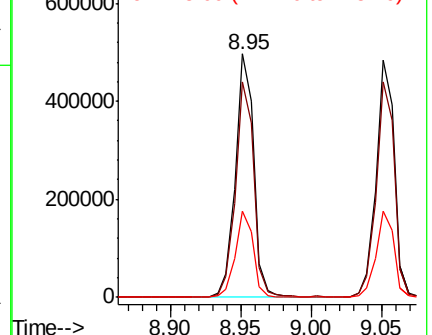
142 100

141 88.4 71.4 107.2

115 35.3 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: 39.886 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

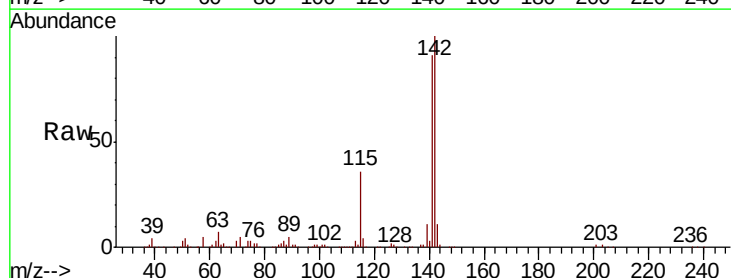
Tgt Ion:142 Resp: 432605

Ion Ratio Lower Upper

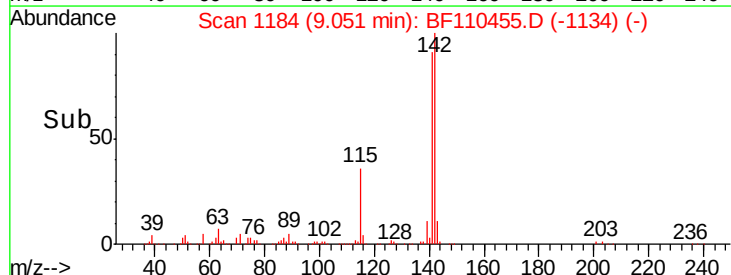
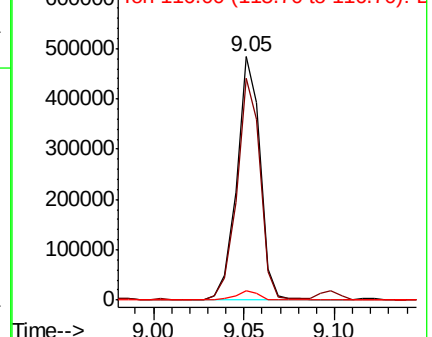
142 100

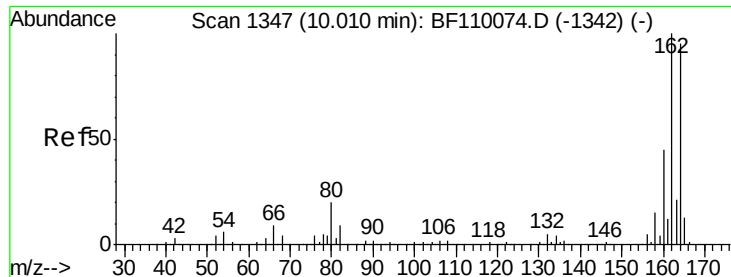
141 91.0 74.2 111.4

116 3.7 2.6 4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

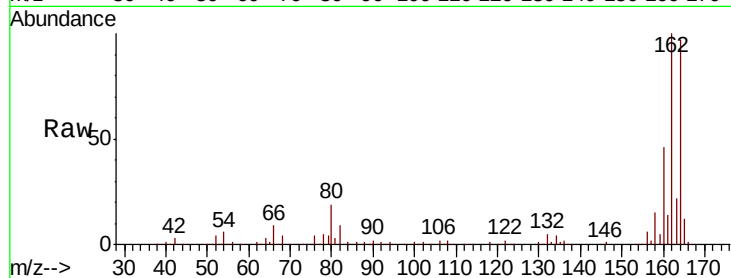
Tot Ion:164 Resp: 170065

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.6

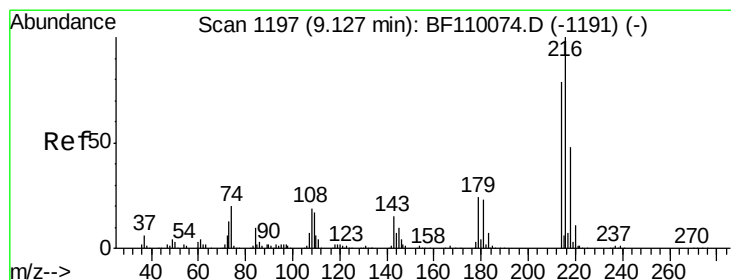
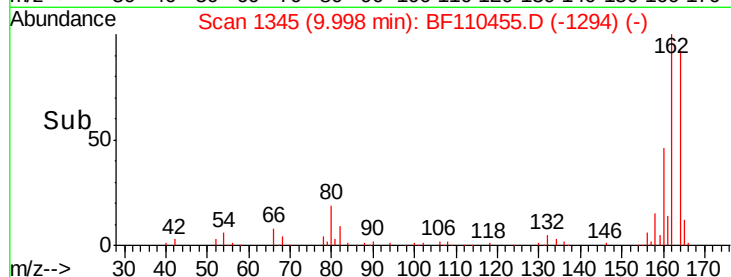
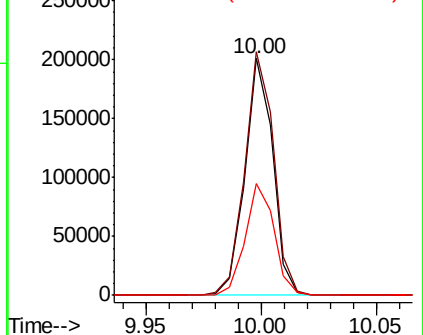
160 47.1 37.0 55.6



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: 41.722 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Tgt Ion:216 Resp: 221079

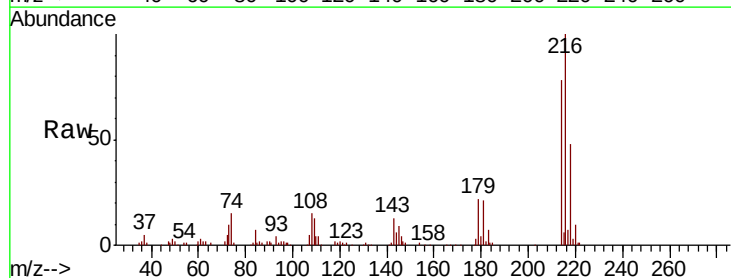
Ion Ratio Lower Upper

216 100

214 78.8 63.8 95.6

179 22.9 16.6 25.0

108 20.0 15.1 22.7

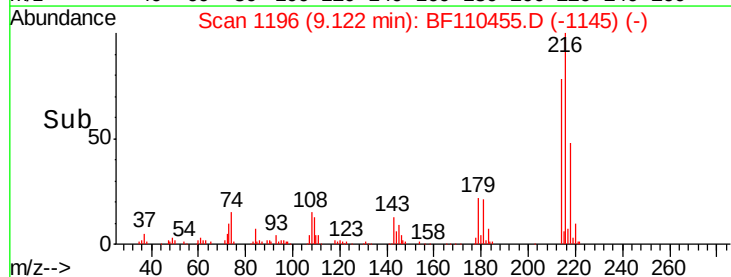
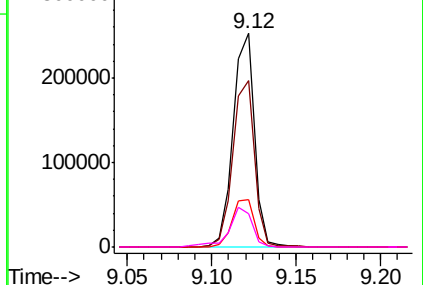


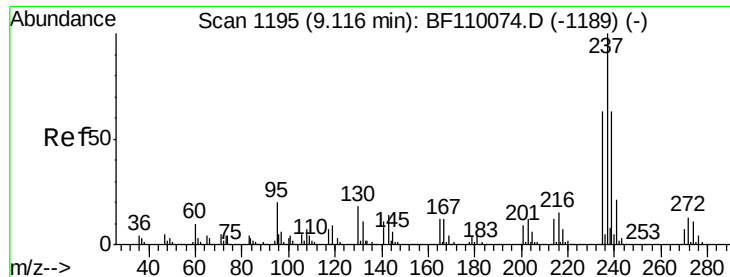
Abundance Ion 216.00 (215.70 to 216.70): E

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

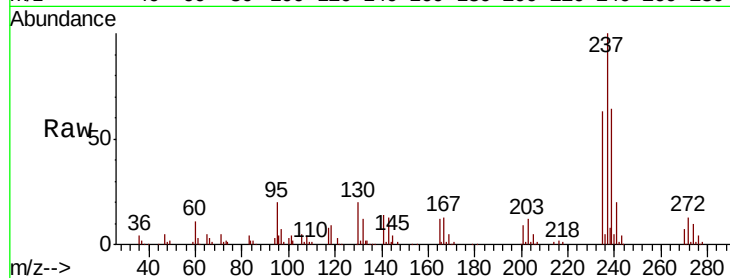




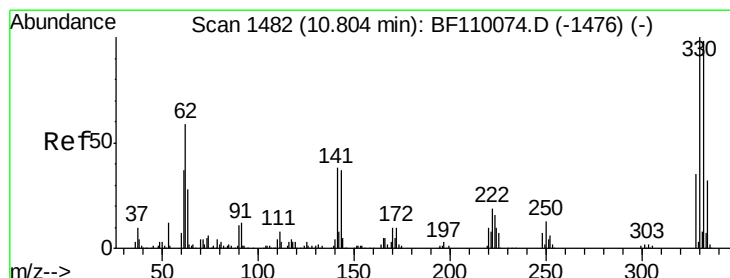
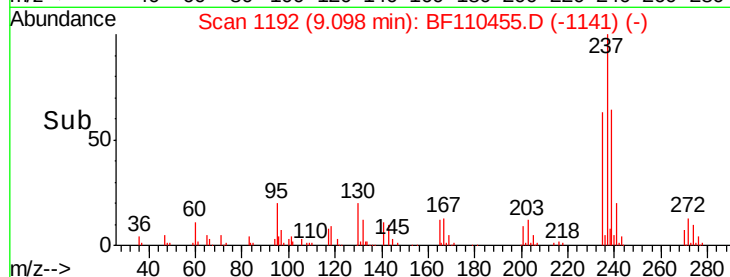
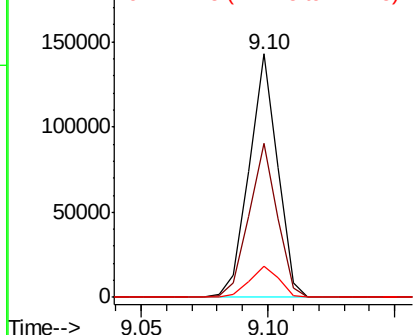
#41
Hexachlorocyclopentadiene
Concen: 41.231 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 111715
Ion Ratio Lower Upper
237 100
235 63.4 43.1 83.1
272 13.0 0.0 32.6

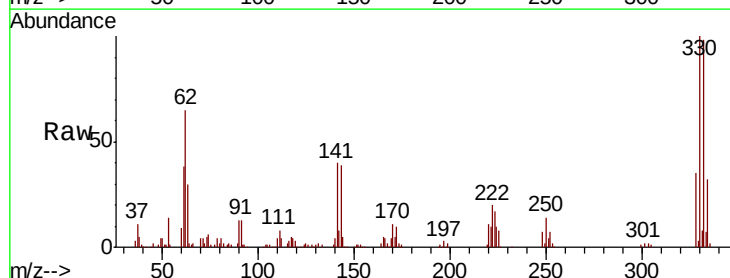


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

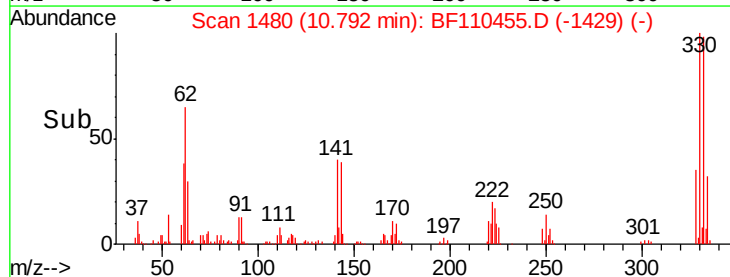
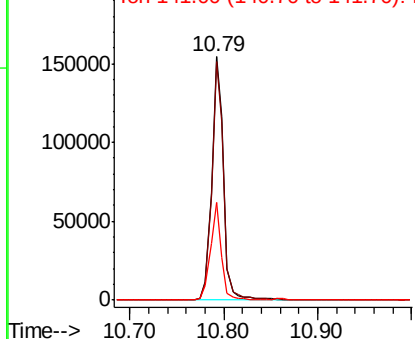


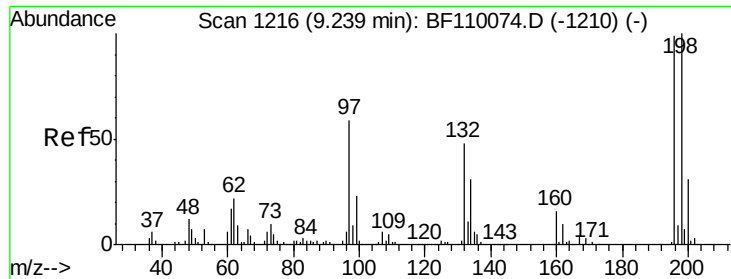
#42
2,4,6-Tribromophenol
Concen: 81.840 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:330 Resp: 137869
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 37.0 27.0 40.4



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

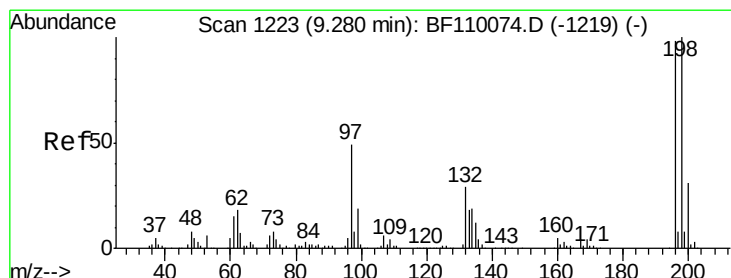
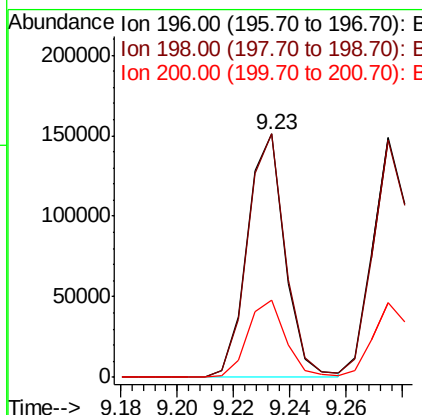
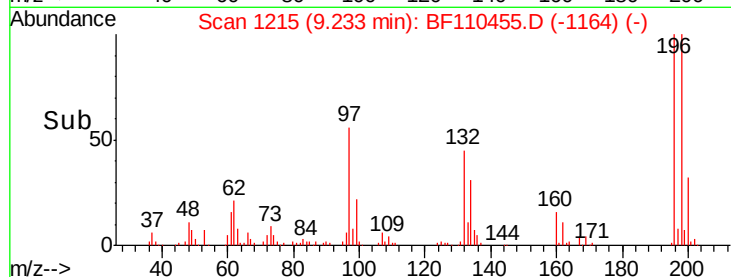
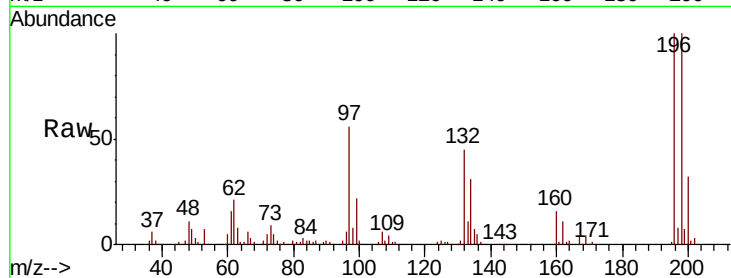




#43
 2,4,6-Trichlorophenol
 Concen: 40.975 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

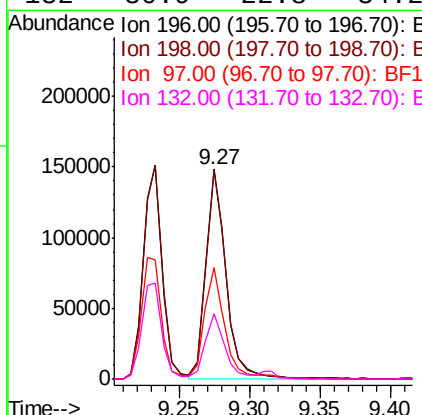
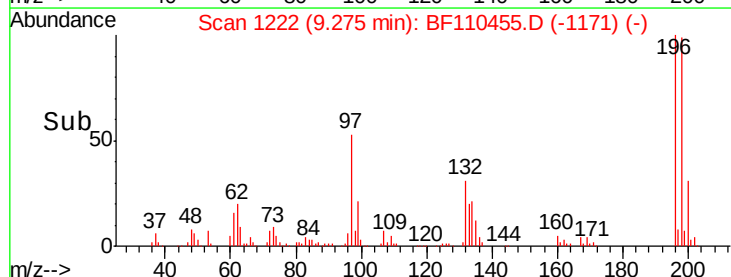
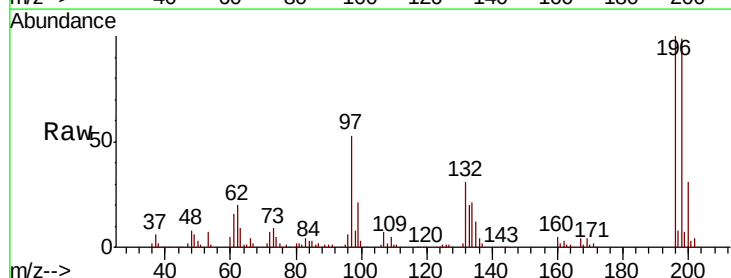
Instrument :
 BNA_F
 ClientSampled :

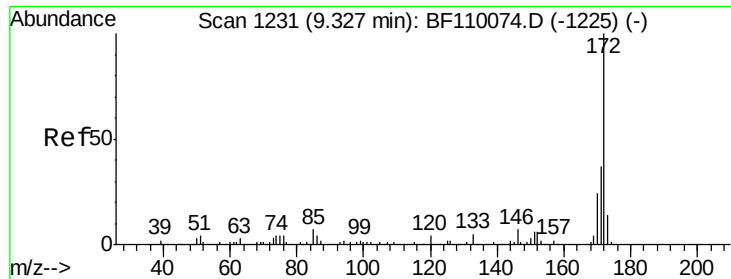
Tot Ion	Ratio	Lower	Upper
196	100		
198	100.0	76.2	114.4
200	31.8	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.493 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.8	113.6
97	52.9	42.4	63.6
132	30.9	22.8	34.2

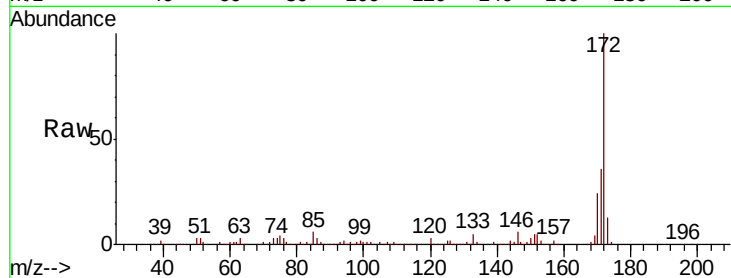




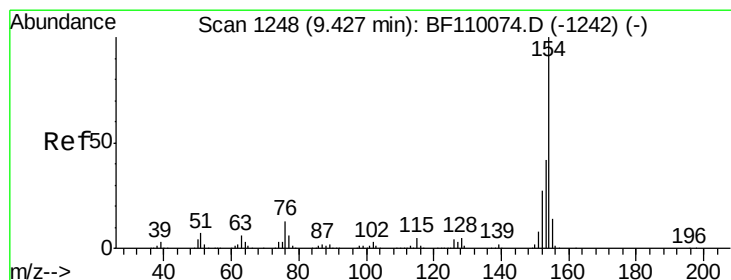
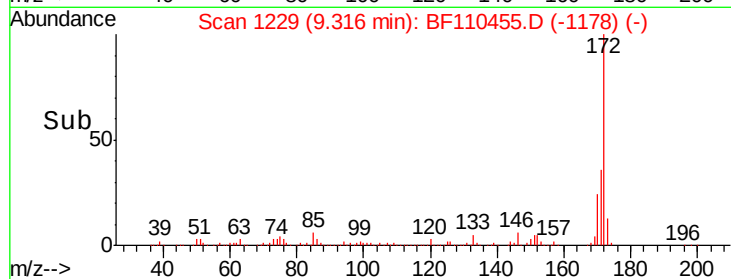
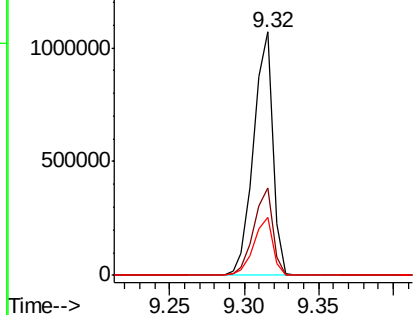
#45
 2-Fluorobiphenyl
 Concen: 87.815 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 951073
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.7 19.7 29.5

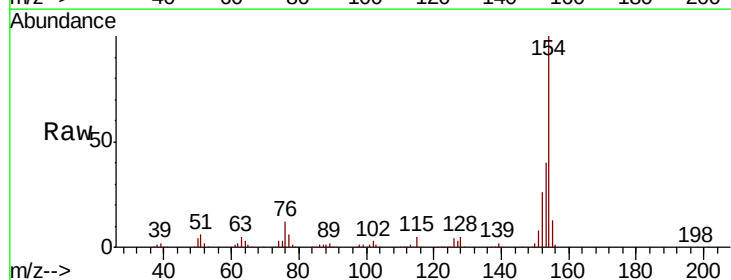


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

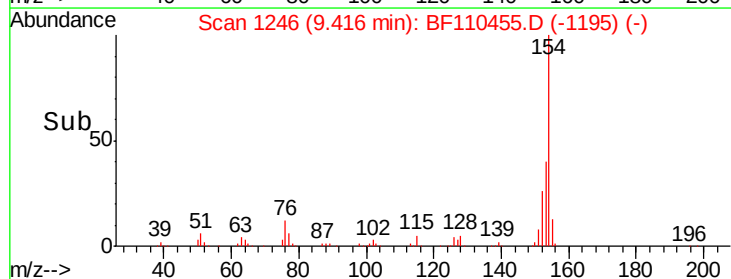
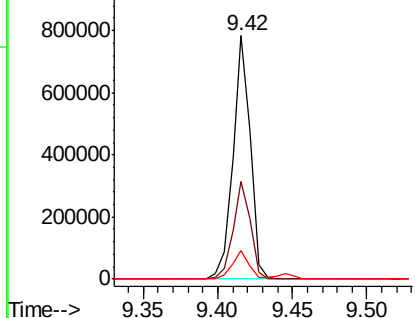


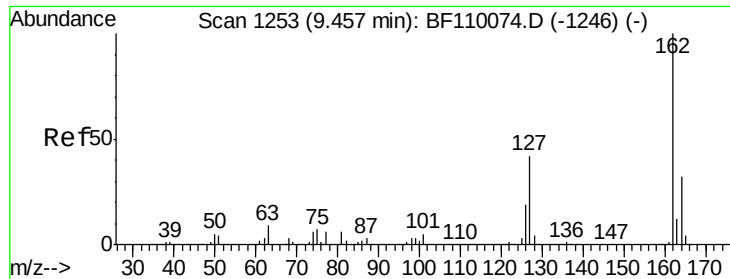
#46
 1,1'-Biphenyl
 Concen: 41.899 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion:154 Resp: 644359
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.4 60.4
 76 11.5 0.0 31.9



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

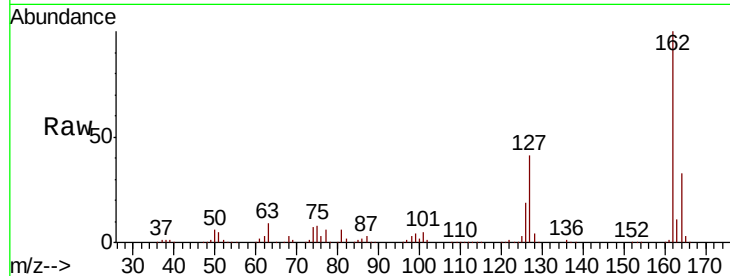




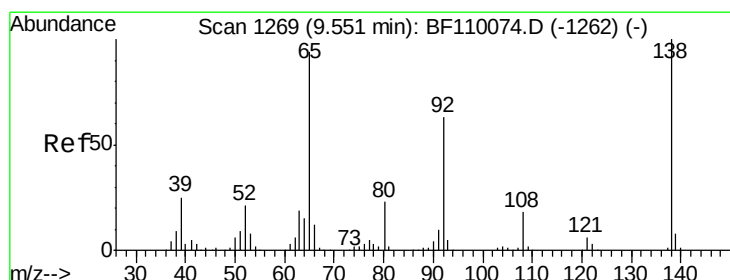
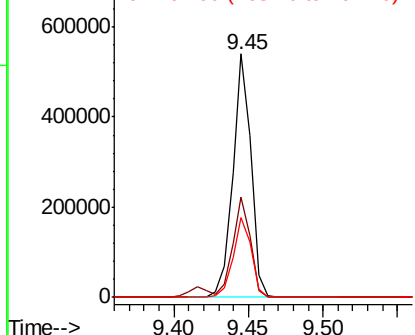
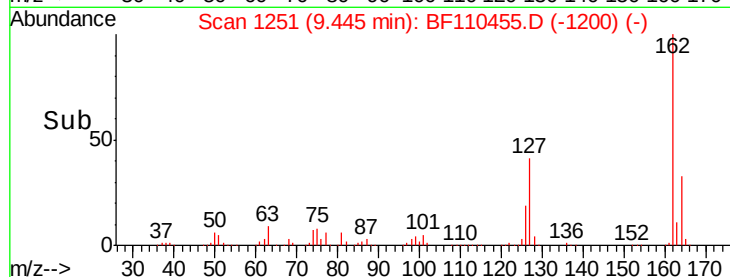
#47
 2-Chloronaphthalene
 Concen: 41.250 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.6	48.8
164	32.9	25.9	38.9

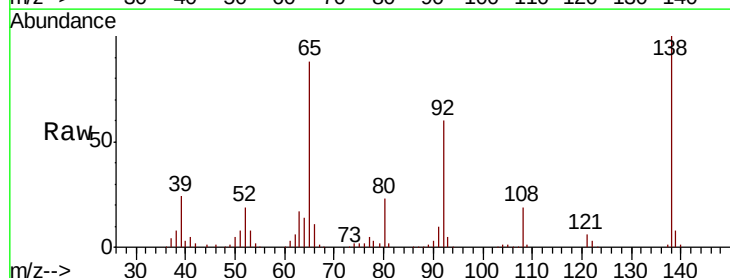


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

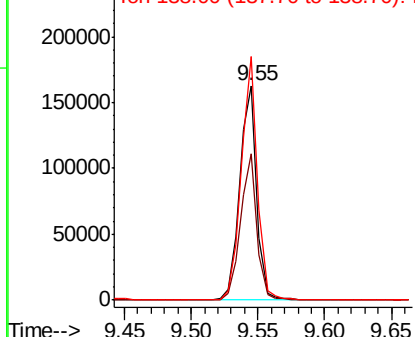
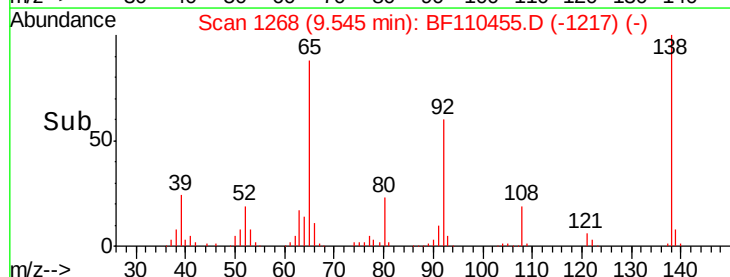


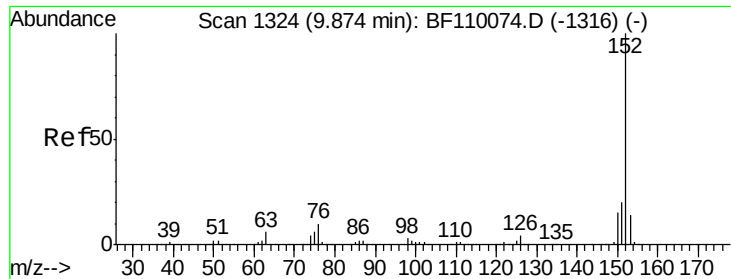
#48
 2-Nitroaniline
 Concen: 42.010 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.6	81.8
138	113.6	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: 40.722 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

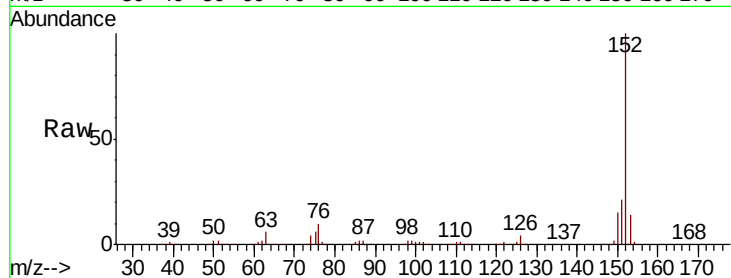
Tot Ion:152 Resp: 663504

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

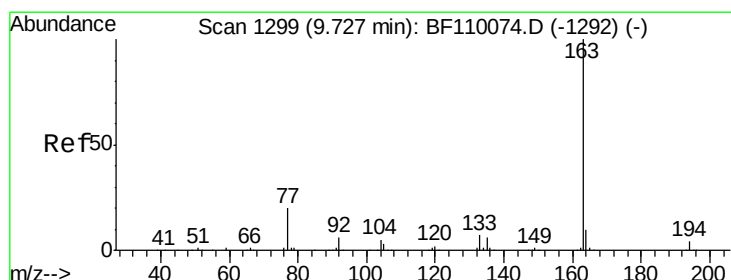
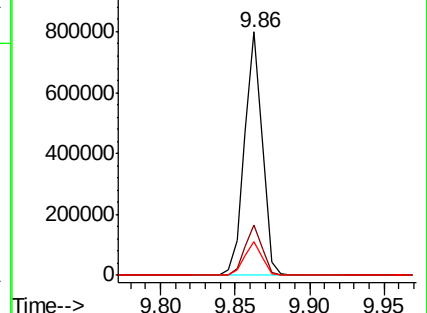
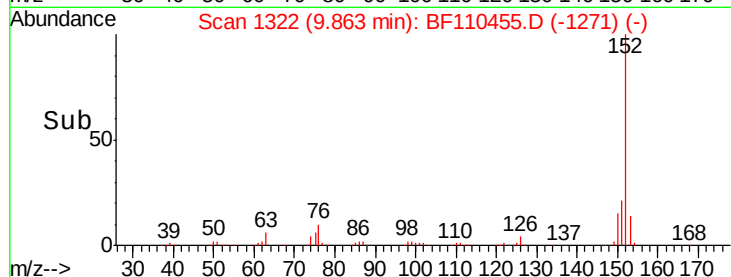
153 13.9 10.4 15.6



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: 40.226 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

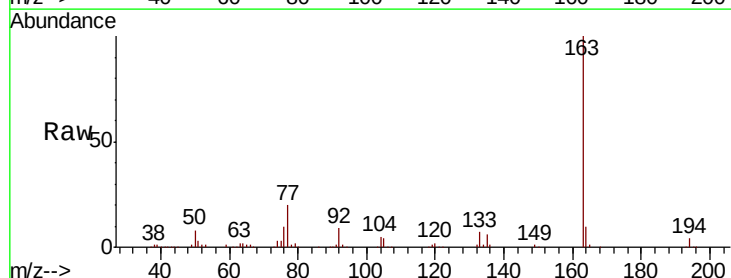
Tgt Ion:163 Resp: 504990

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

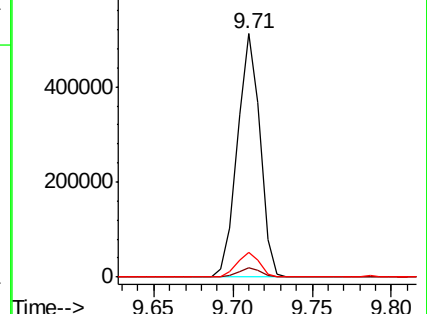
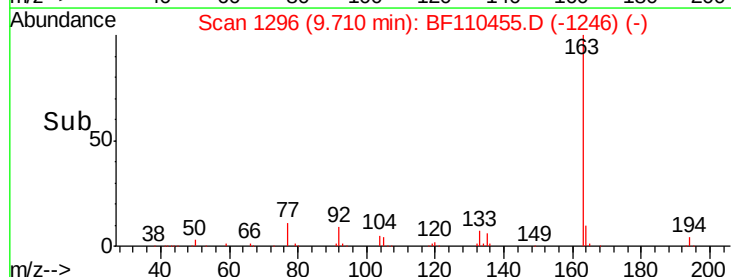
164 10.1 8.1 12.1

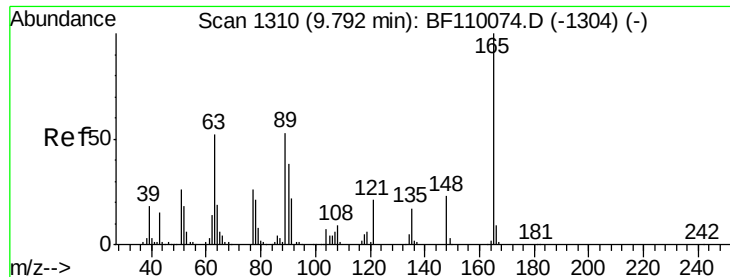


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.501 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

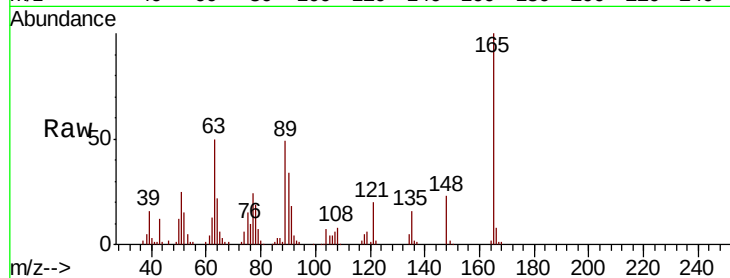
Tot Ion:165 Resp: 114929

Ion Ratio Lower Upper

165 100

63 49.8 48.9 73.3

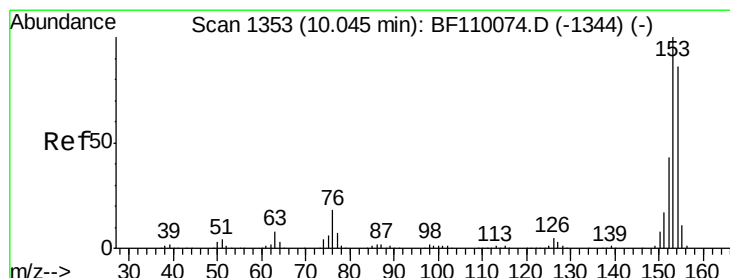
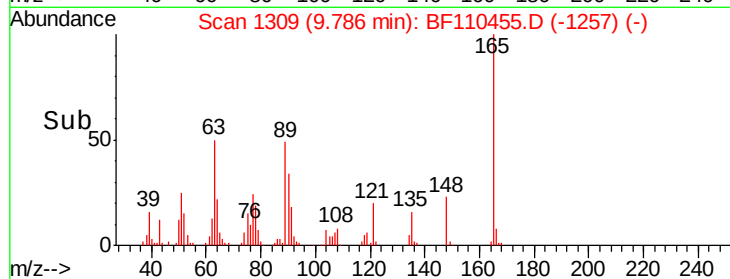
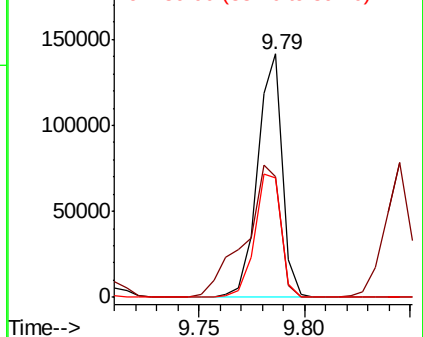
89 48.8 46.6 69.8



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: 38.453 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

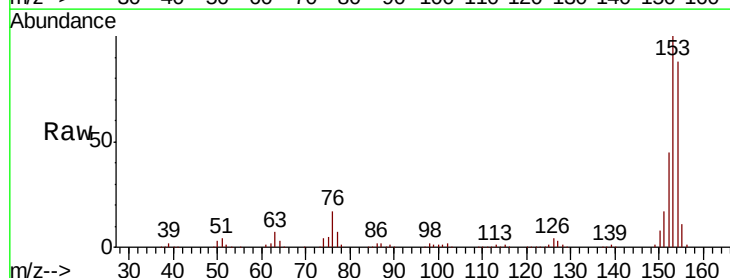
Tgt Ion:154 Resp: 414487

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

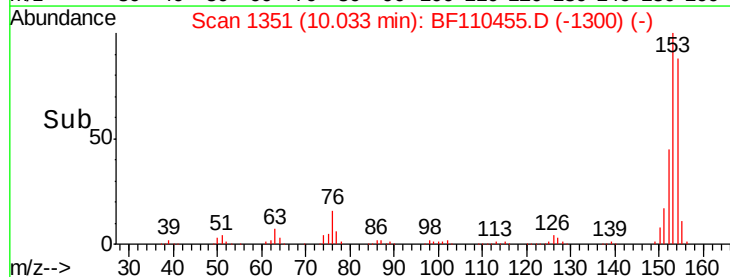
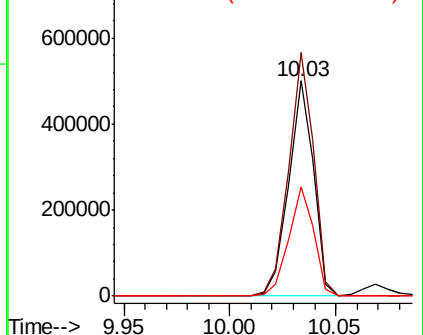
152 50.6 43.4 65.2

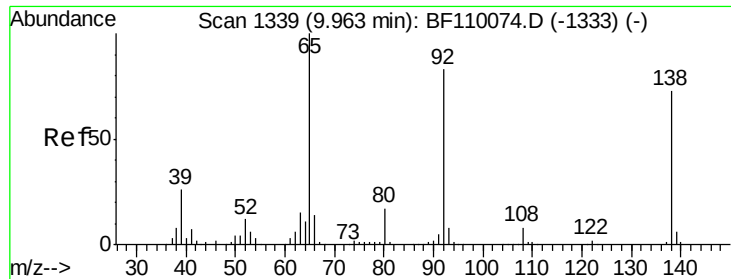


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

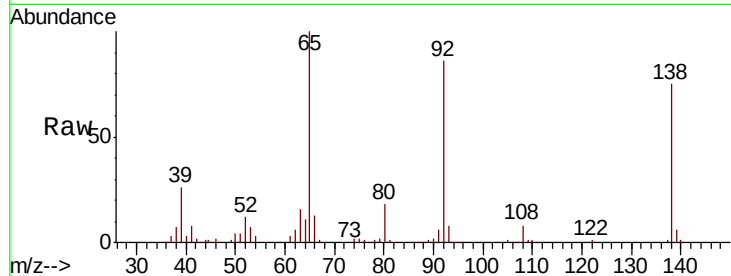




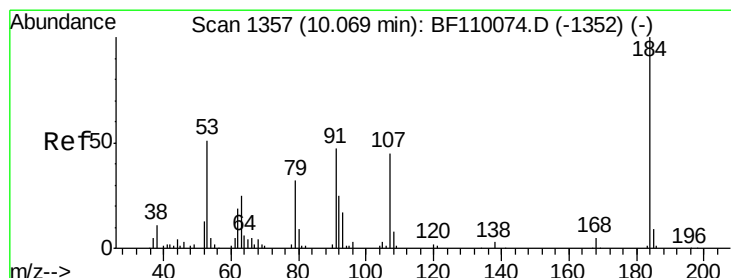
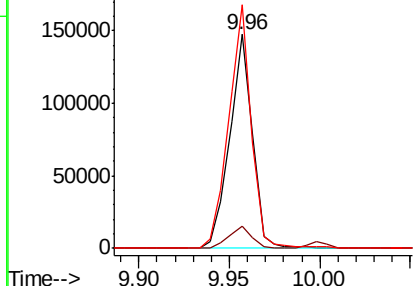
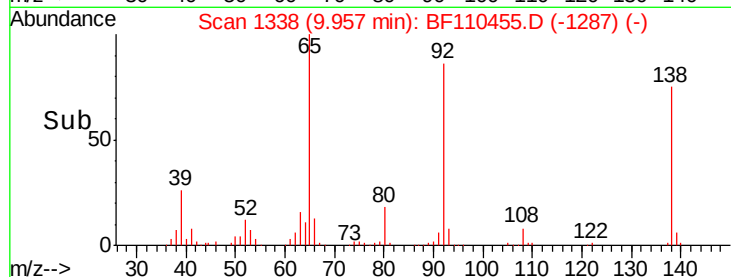
#53
3-Nitroaniline
Concen: 40.061 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 128826
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 113.7 97.0 145.4

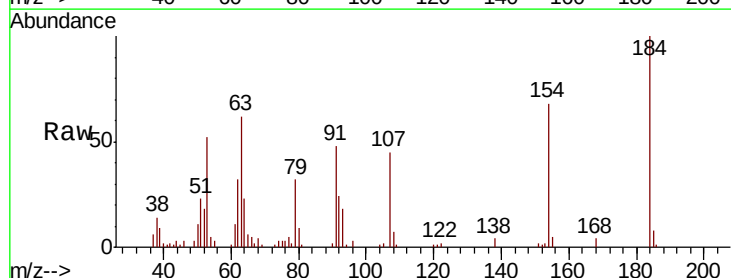


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

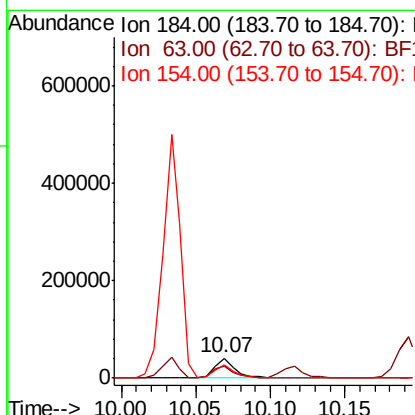
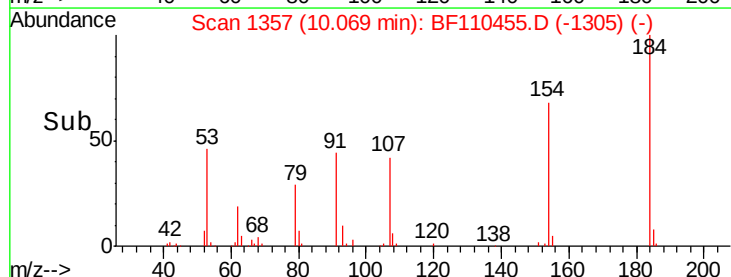


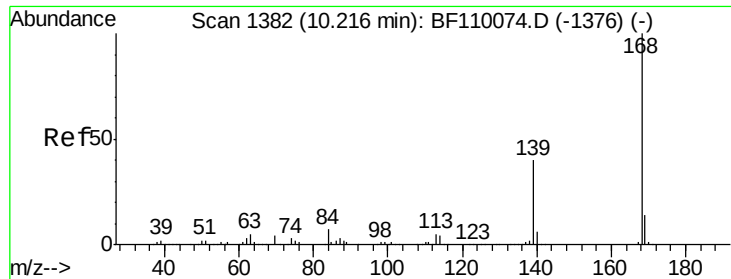
#54
2,4-Dinitrophenol
Concen: 39.691 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:184 Resp: 39605
Ion Ratio Lower Upper
184 100
63 62.1 55.8 83.6
154 68.5 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

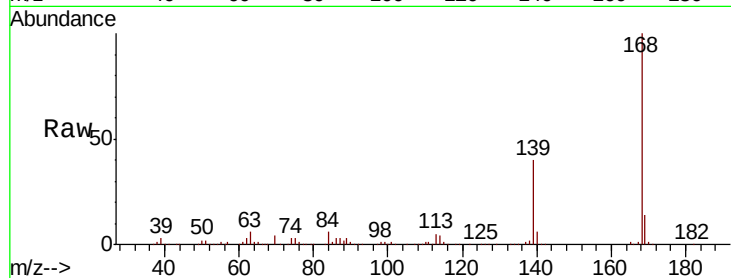




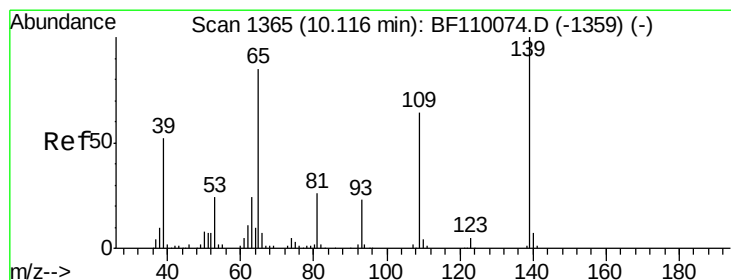
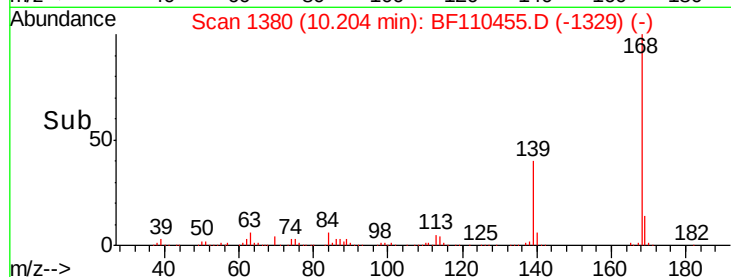
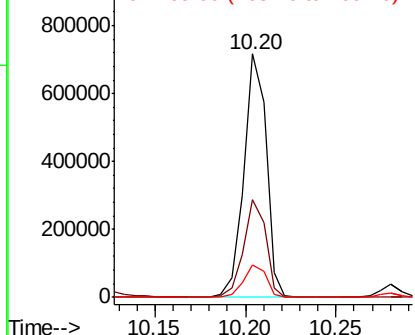
#55
Dibenzenofuran
Concen: 40.673 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 613812
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.6
169 13.6 11.3 16.9

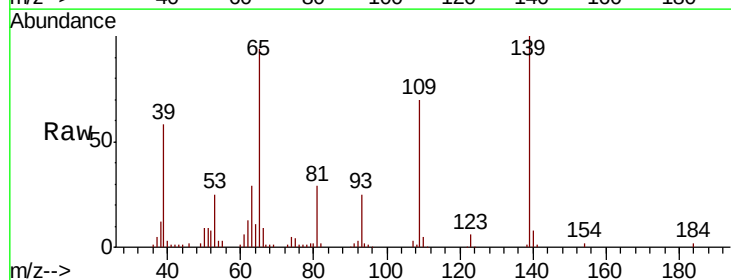


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

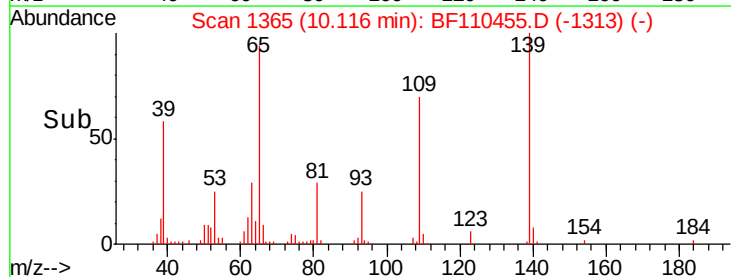
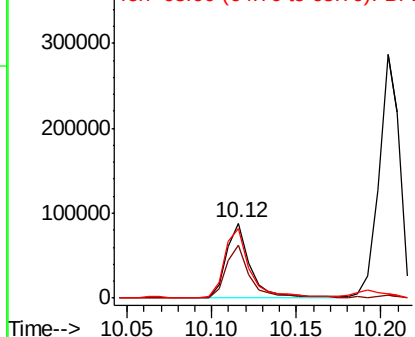


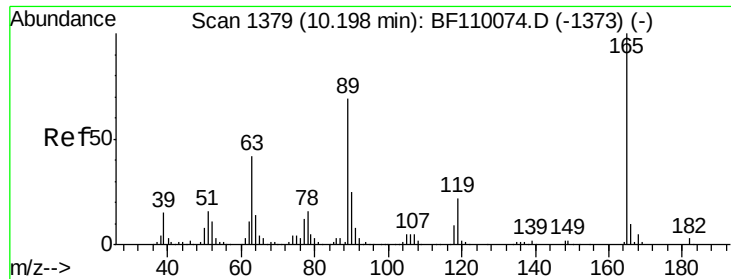
#56
4-Nitrophenol
Concen: 36.707 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:139 Resp: 87364
Ion Ratio Lower Upper
139 100
109 70.0 55.8 95.8
65 93.6 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

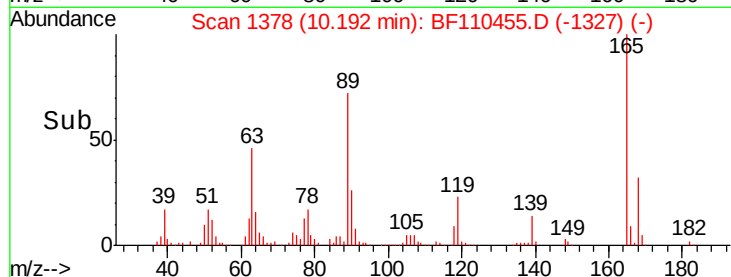
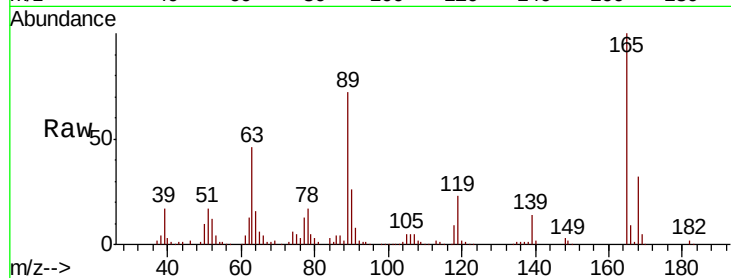




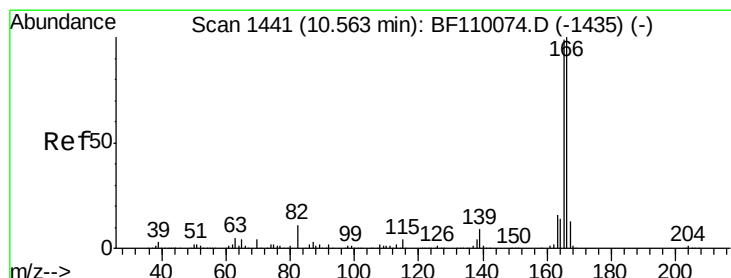
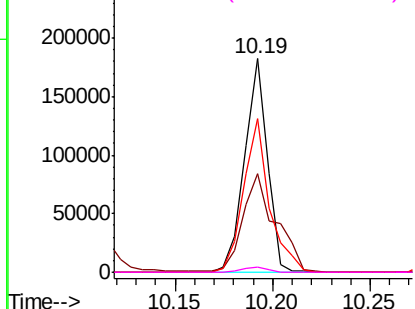
#57
2,4-Dinitrotoluene
Concen: 43.056 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.4	44.8	67.2
89	71.9	62.2	93.4
182	2.3	2.1	3.1

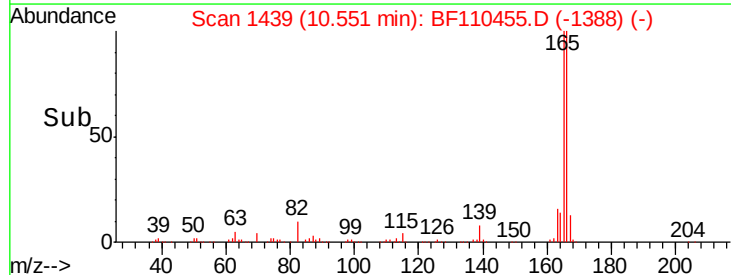
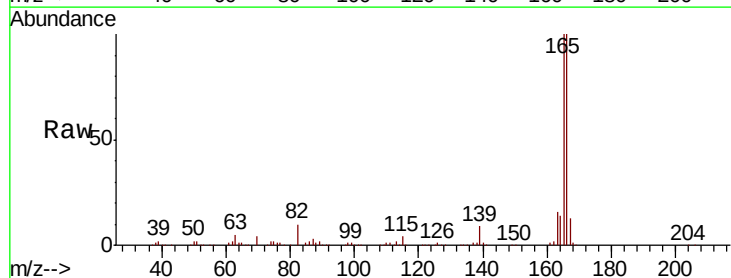


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

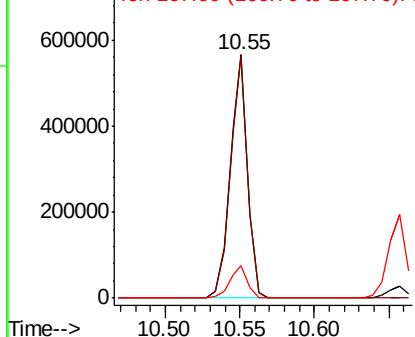


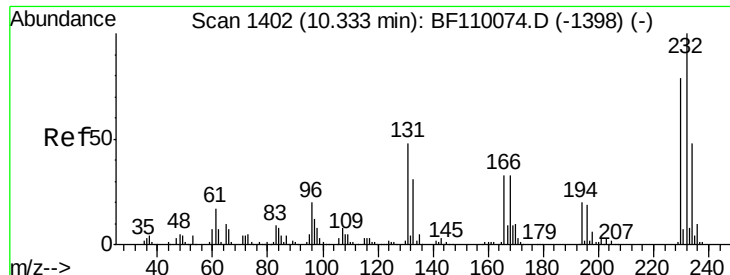
#58
Fluorene
Concen: 41.263 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	13.4	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

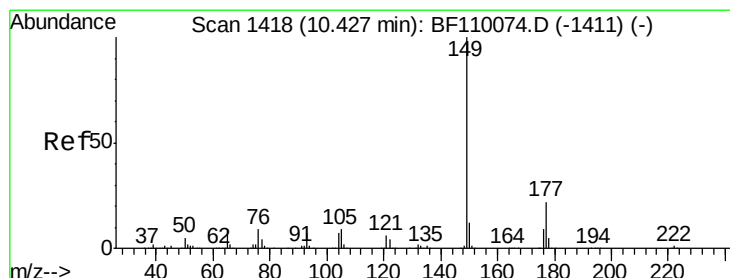
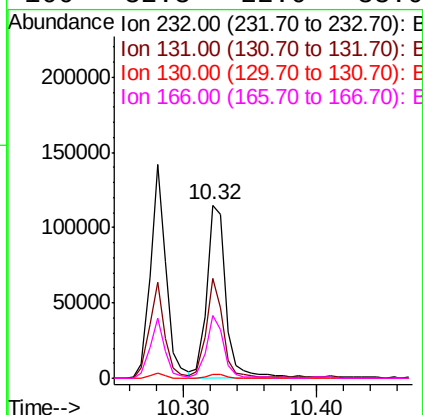
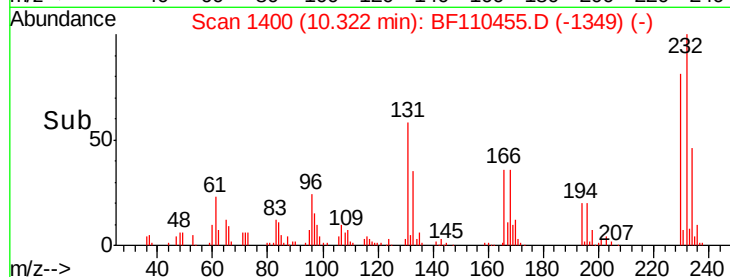
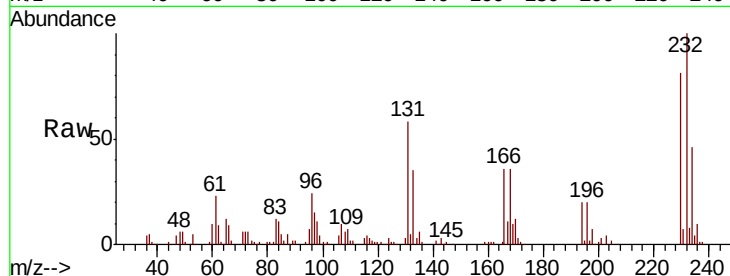




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.109 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

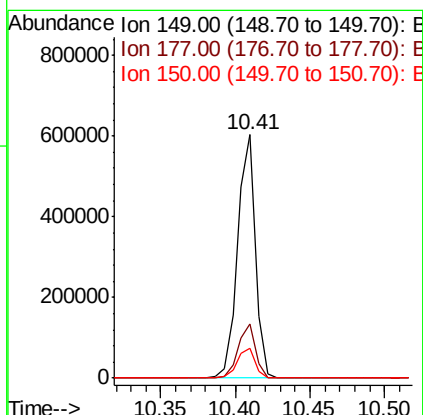
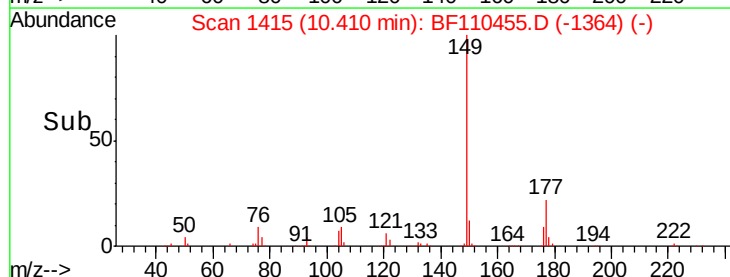
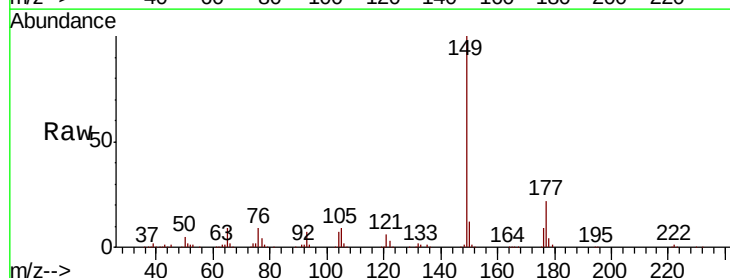
Instrument :
BNA_F
ClientSampled :

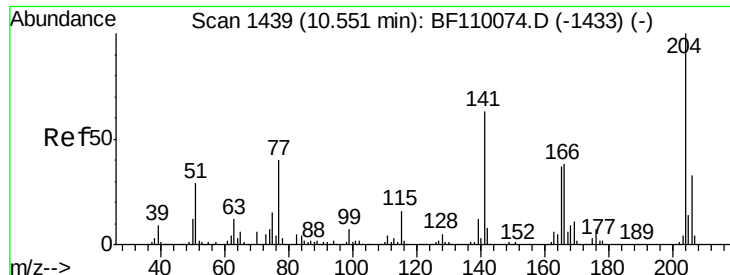
Tot Ion:232 Resp: 115160
Ion Ratio Lower Upper
232 100
131 51.5 37.0 55.4
130 2.2 1.8 2.6
166 32.3 22.0 33.0



#60
Diethylphthalate
Concen: 41.159 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:149 Resp: 504385
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.2 9.8 14.8

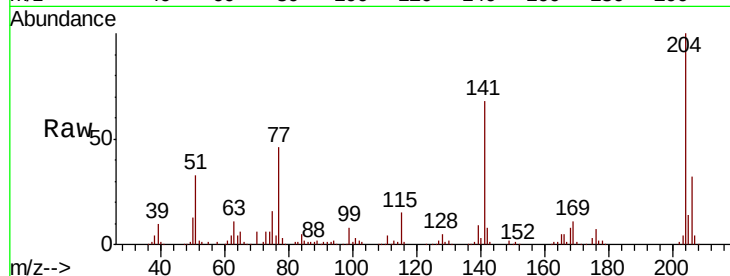




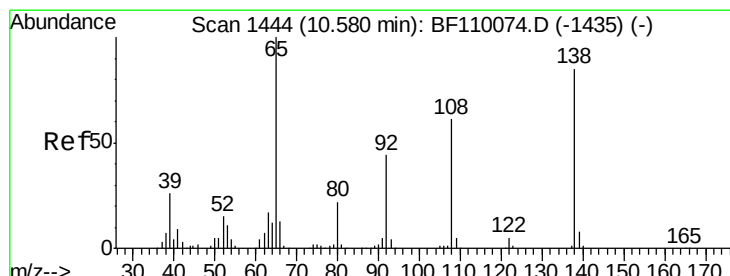
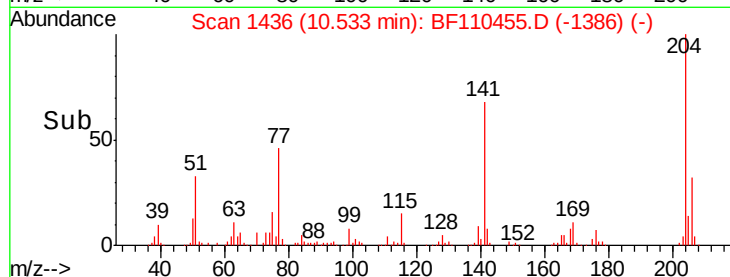
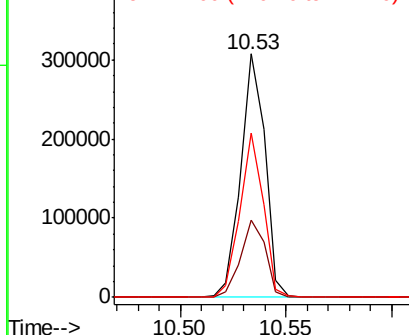
#61
4-Chlorophenyl-phenylether
Concen: 41.044 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 243191
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 67.6 51.8 77.8

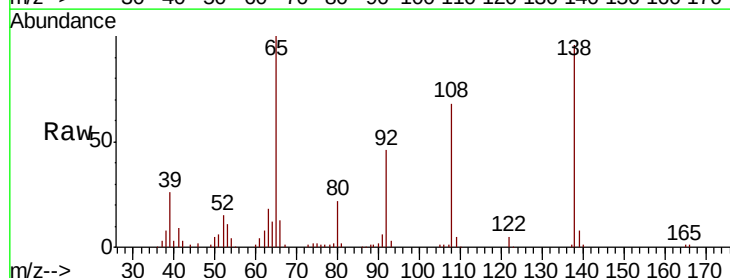


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

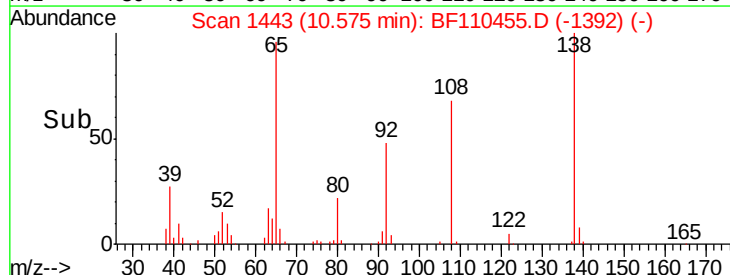
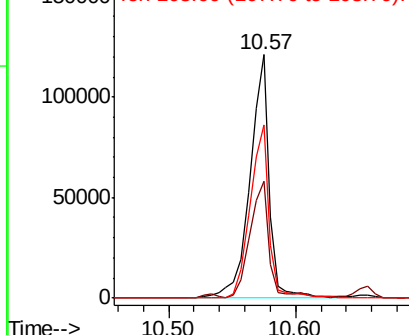


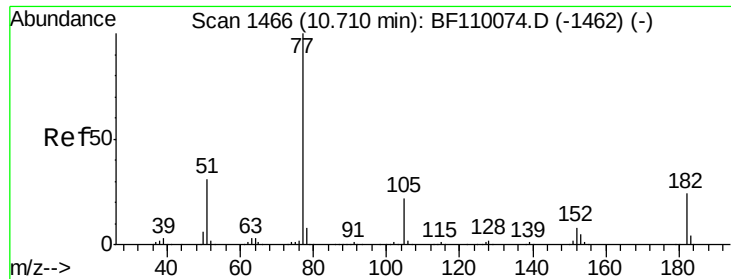
#62
4-Nitroaniline
Concen: 40.344 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:138 Resp: 129036
Ion Ratio Lower Upper
138 100
92 48.2 31.7 71.7
108 70.9 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

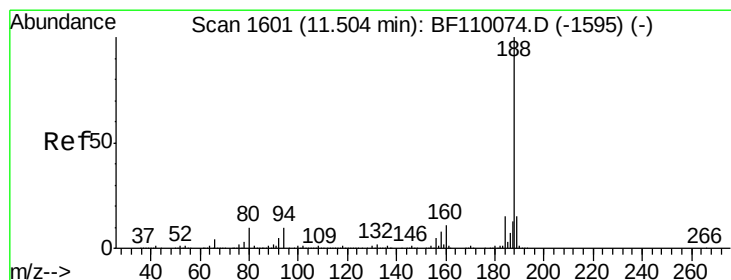
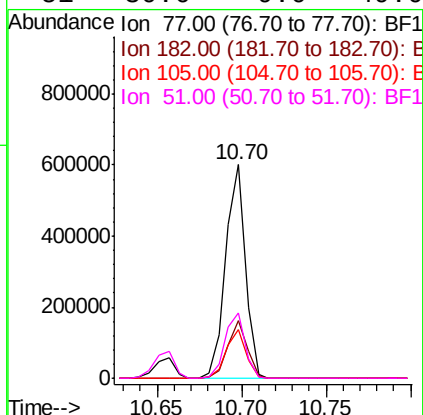
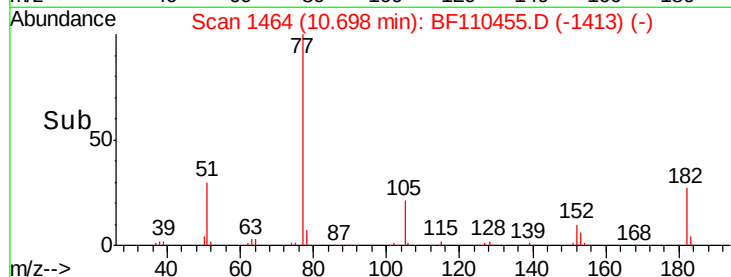
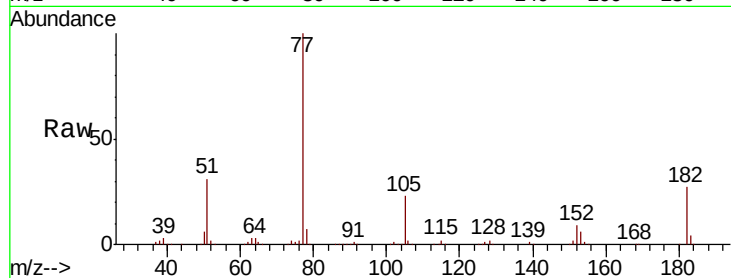




#63
Azobenzene
Concen: 40.304 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

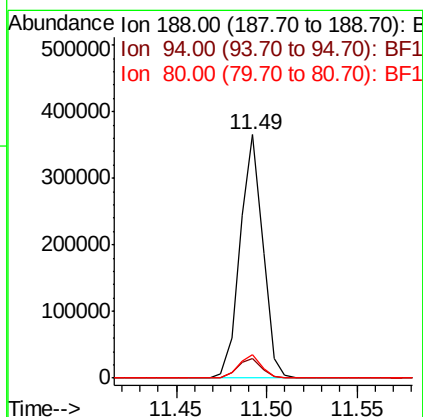
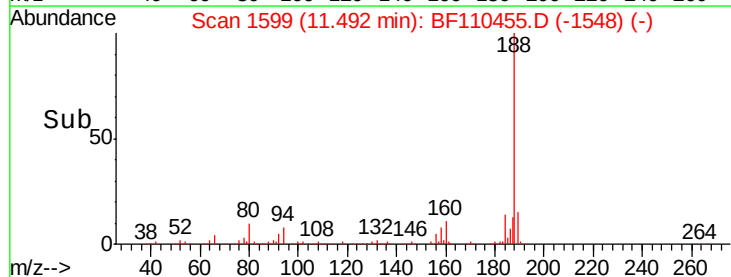
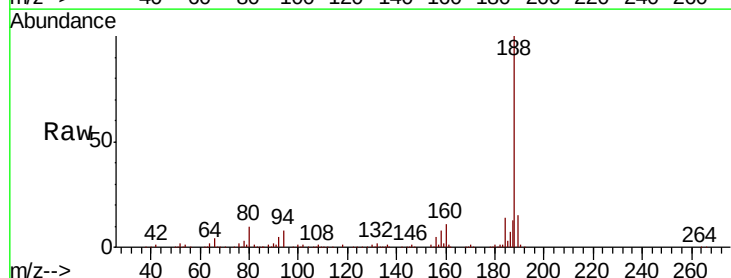
Instrument :
BNA_F
ClientSampleId :

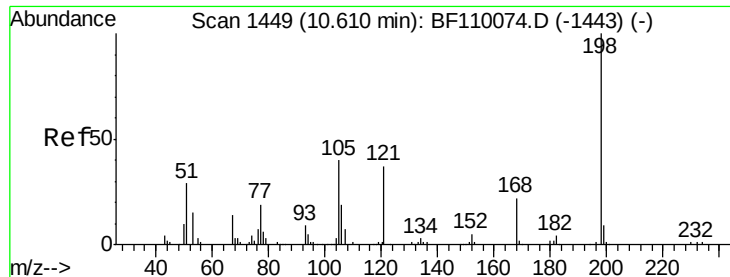
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	4.3	44.3
105	22.9	1.3	41.3
51	30.6	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 43.125 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

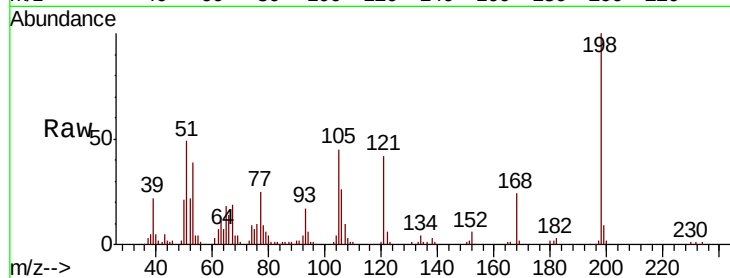
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 62568

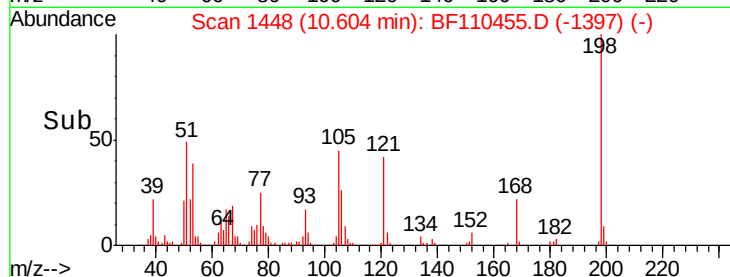
Ion	Ratio	Lower	Upper
198	100		
51	48.5	22.8	62.8
105	45.1	23.6	63.6



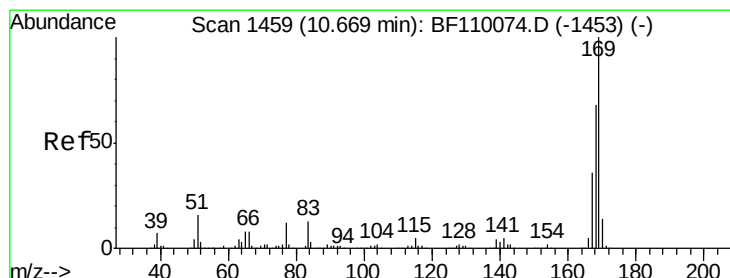
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.761 ng

RT: 10.66 min Scan# 1457

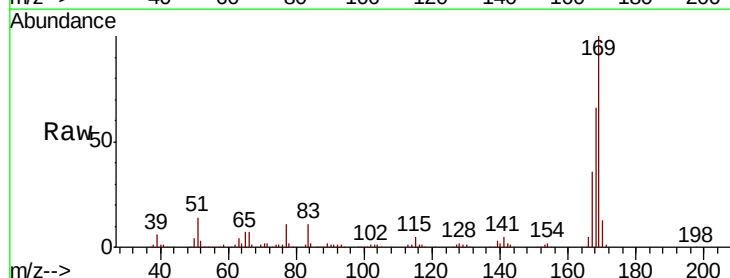
Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Tgt Ion:169 Resp: 434983

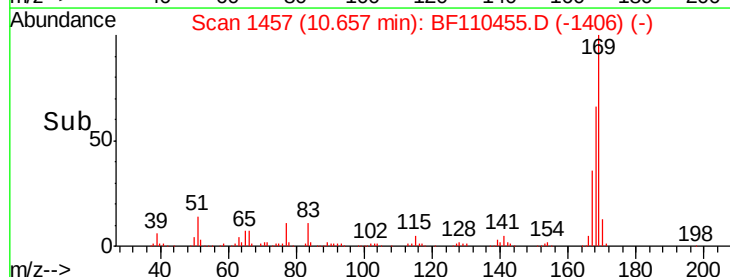
Ion	Ratio	Lower	Upper
169	100		
168	66.2	51.2	76.8
167	35.8	27.8	41.6



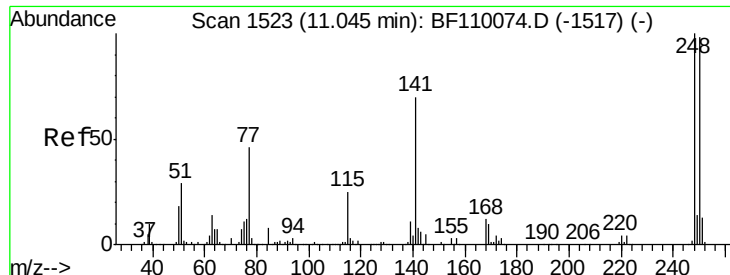
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



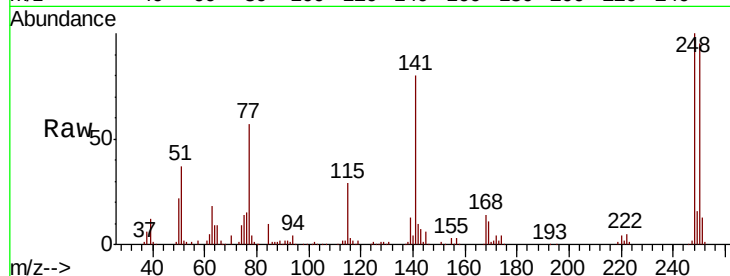
Time-->



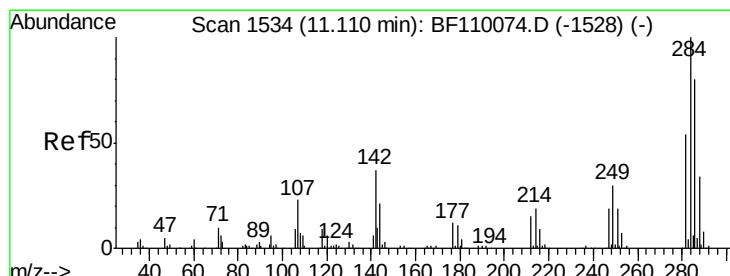
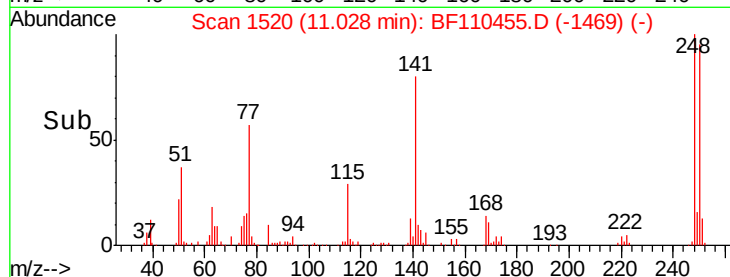
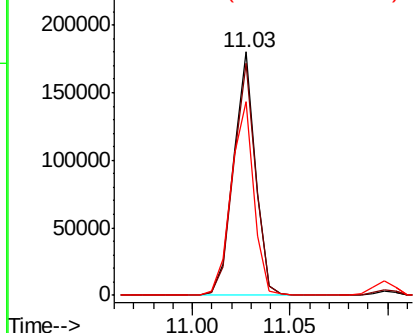
#67
4-Bromophenyl-phenylether
Concen: 40.622 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 139927
Ion Ratio Lower Upper
248 100
250 95.3 79.4 119.2
141 79.7 55.9 83.9

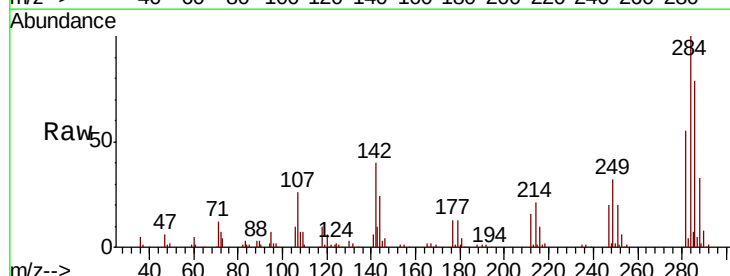


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

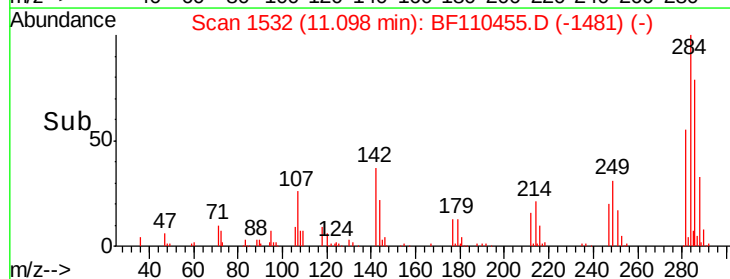
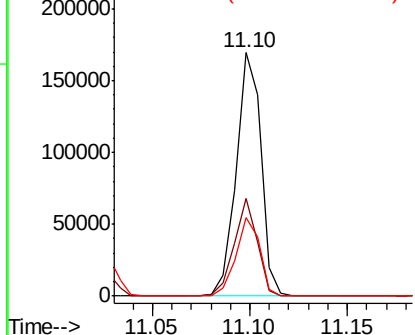


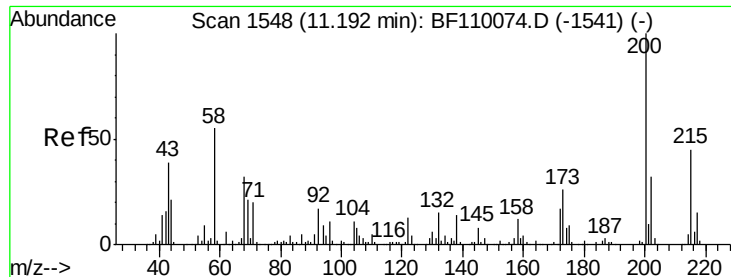
#68
Hexachlorobenzene
Concen: 40.763 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:284 Resp: 148985
Ion Ratio Lower Upper
284 100
142 40.2 23.9 35.9#
249 32.2 24.2 36.2



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

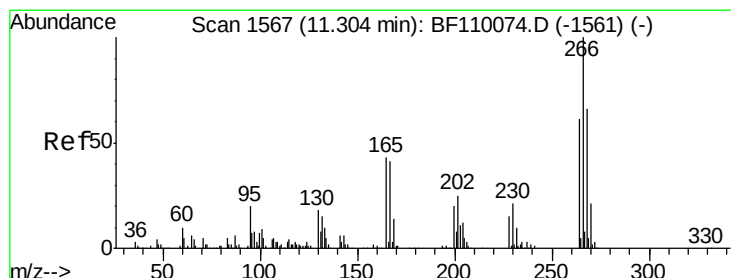
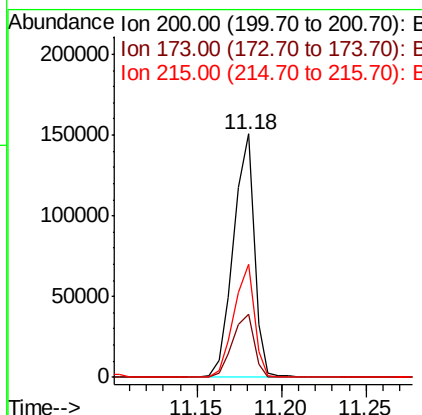
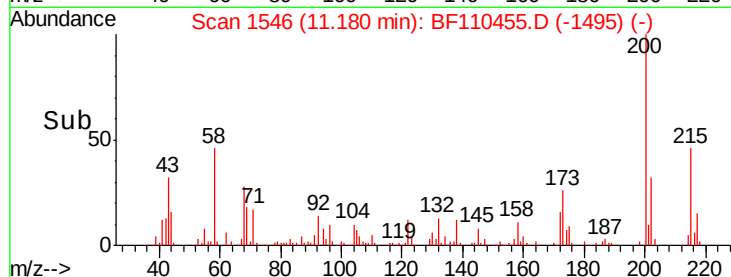
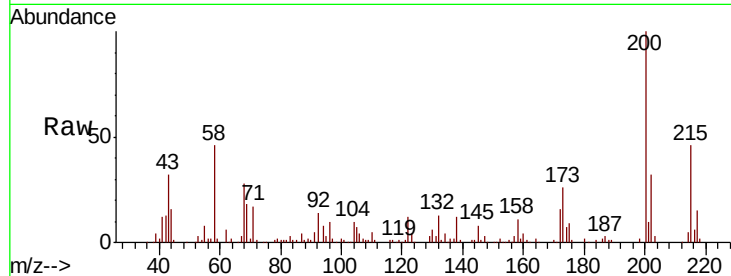




#69
 Atrazine
 Concen: 39.503 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

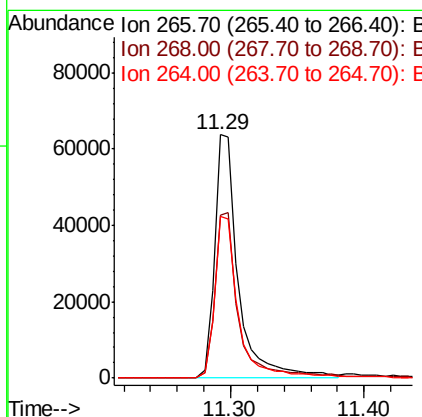
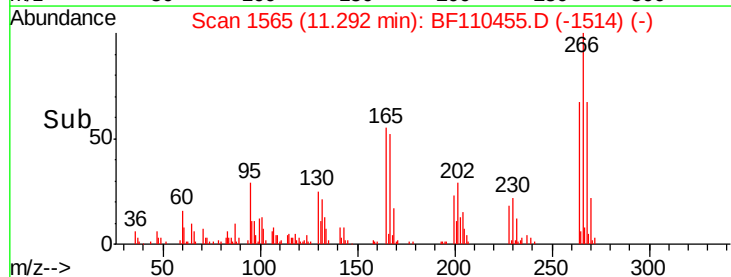
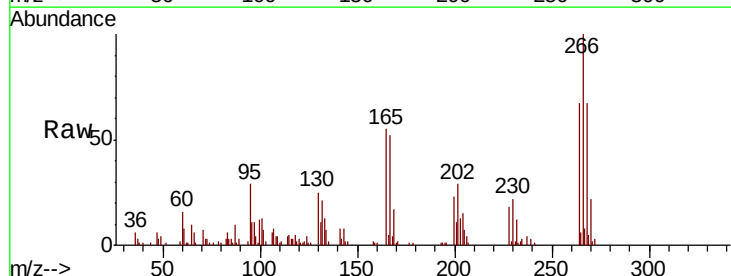
Instrument :
 BNA_F
 ClientSampleId :

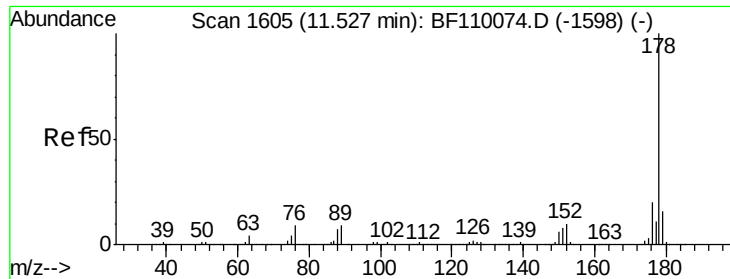
Tot Ion:200 Resp: 130032
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.6 46.6
 215 46.5 26.3 66.3



#70
 Pentachlorophenol
 Concen: 37.723 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion:266 Resp: 80395
 Ion Ratio Lower Upper
 266 100
 268 67.0 50.6 75.8
 264 66.7 50.6 75.8

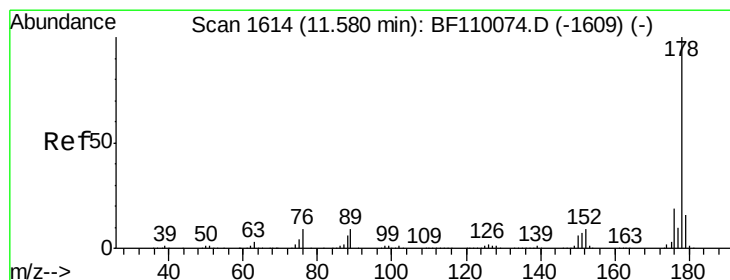
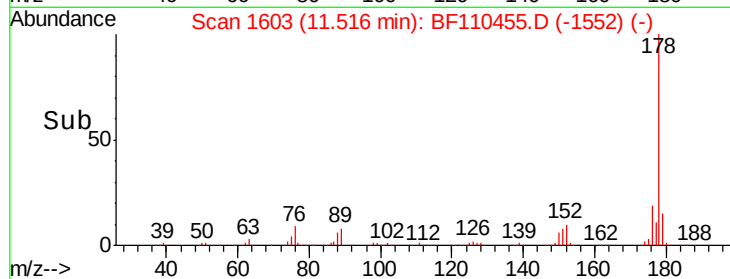
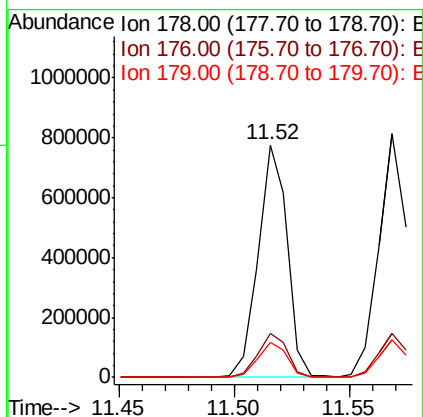
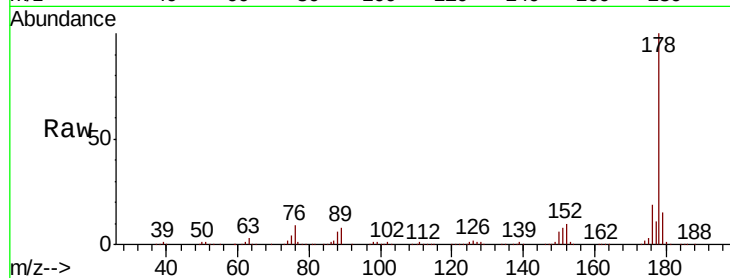




#71
Phenanthrene
Concen: 40.973 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

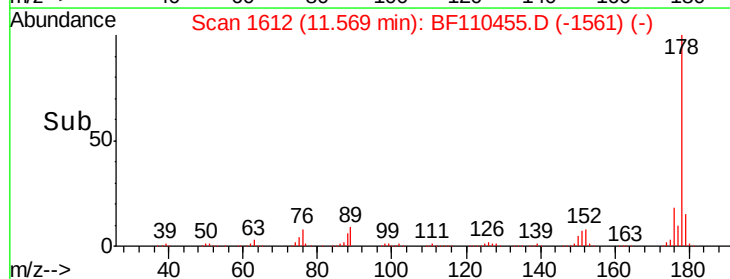
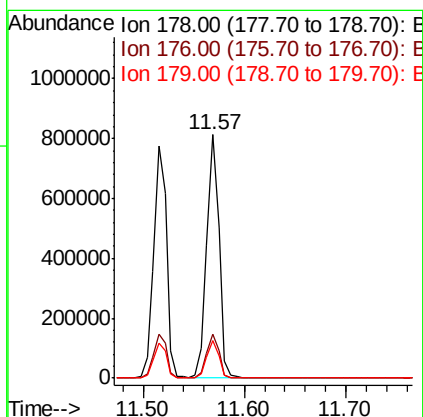
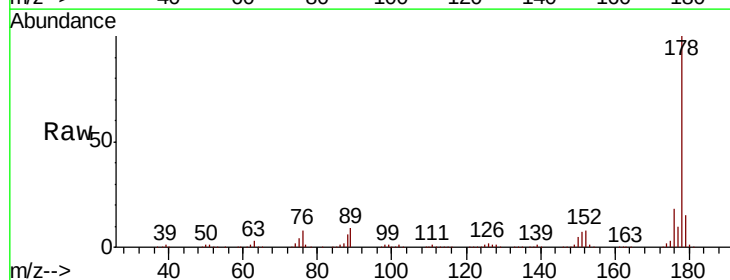
Instrument :
BNA_F
ClientSampleId :

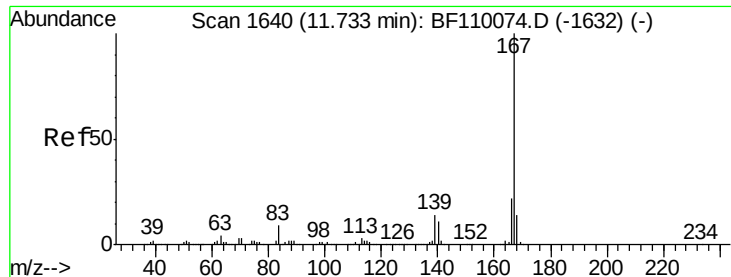
Tot Ion:178 Resp: 680829
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.2 12.5 18.7



#72
Anthracene
Concen: 41.372 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:178 Resp: 689060
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.3 12.6 18.8

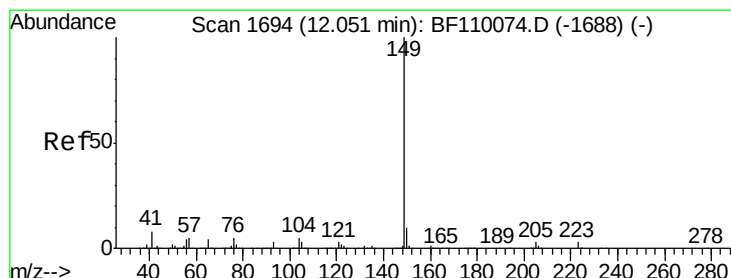
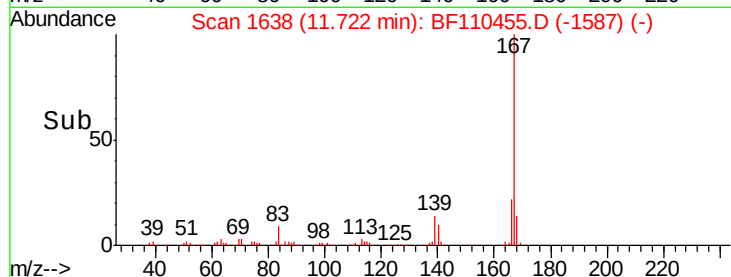
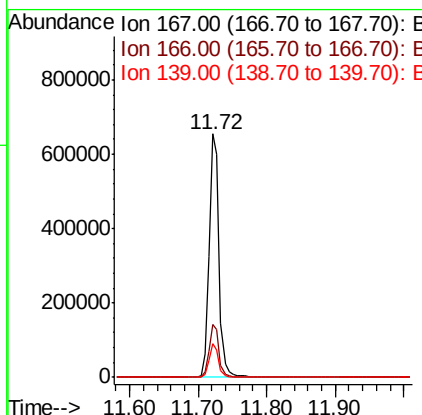
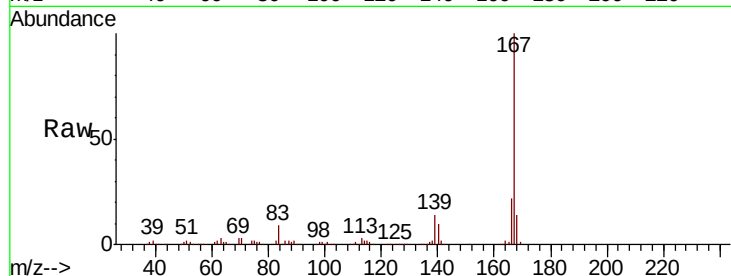




#73
 Carbazole
 Concen: 41.016 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

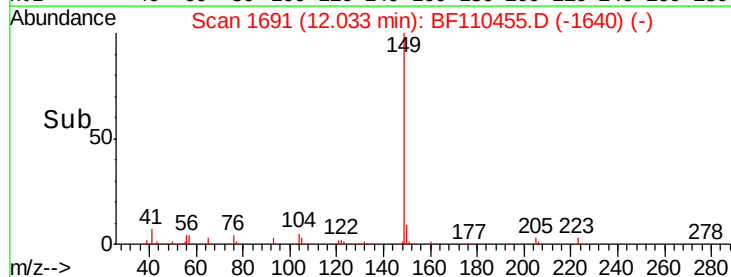
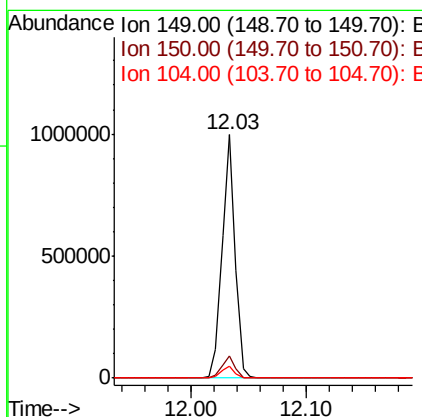
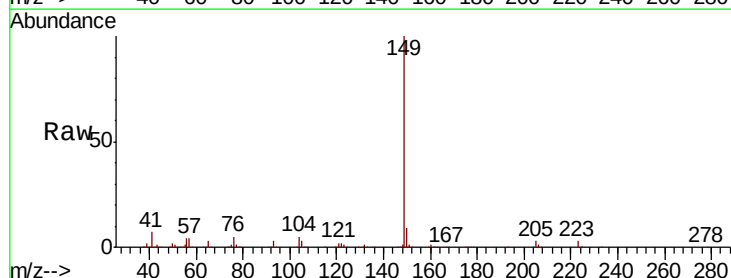
Instrument :
 BNA_F
 ClientSampleId :

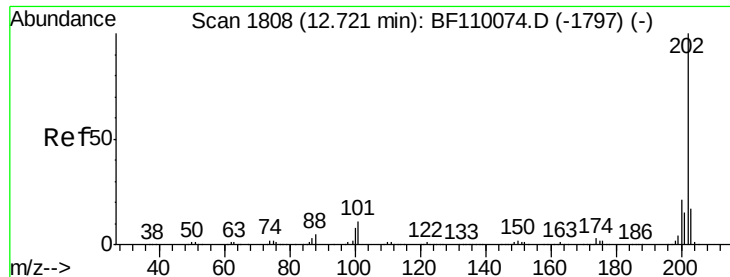
Tot Ion:167 Resp: 667001
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.340 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion:149 Resp: 777637
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.0 4.2 6.4

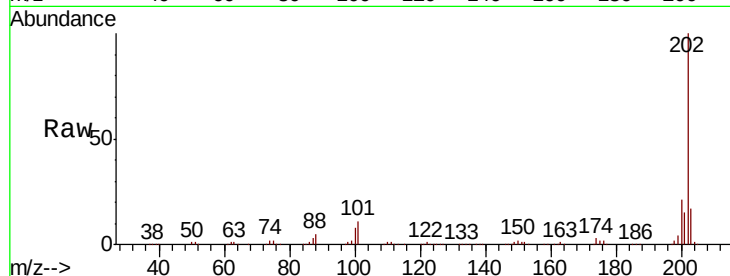




#75
 Fluoranthene
 Concen: 39.784 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.4	0.0	37.7

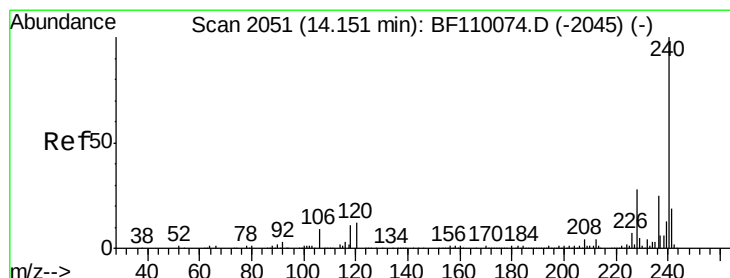
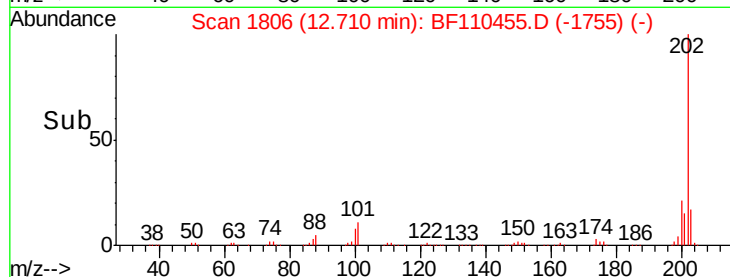
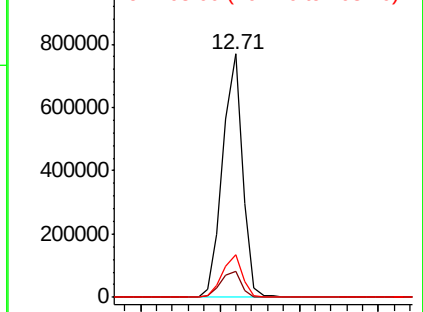


Abundance

Ion 202.00 (201.70 to 202.70): E

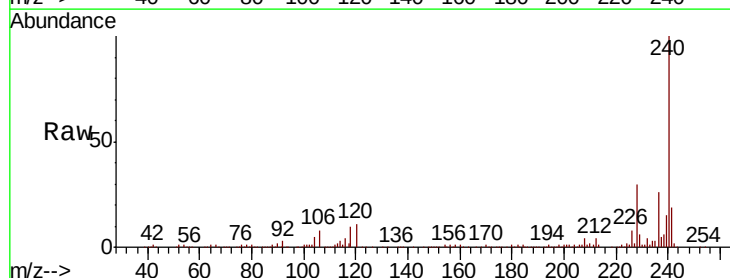
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110455.D
 Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	25.8	21.2	31.8

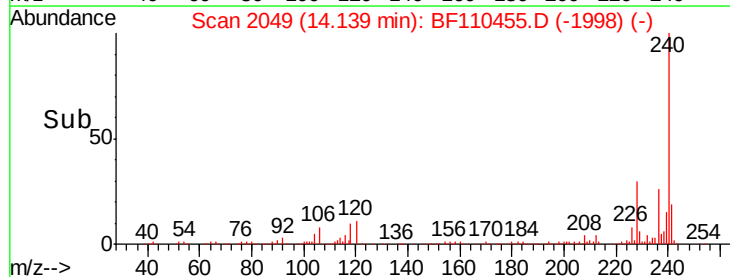
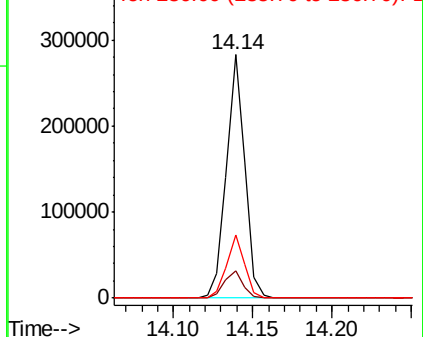


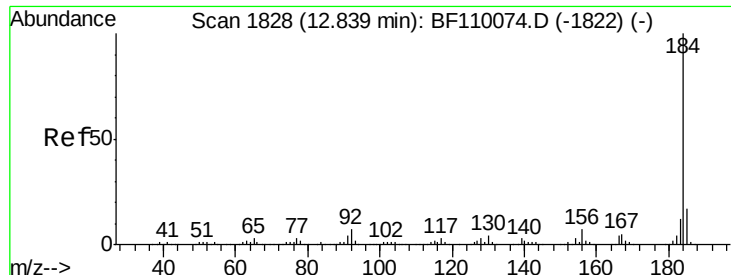
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.828 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

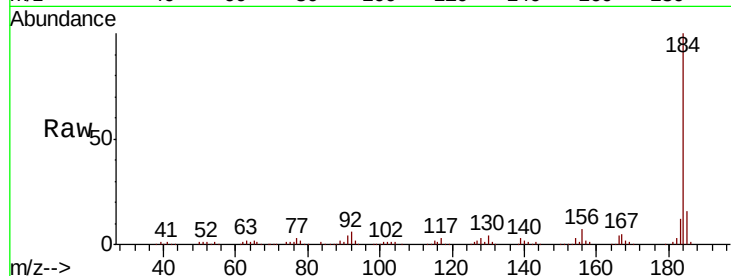
Tot Ion:184 Resp: 260111

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

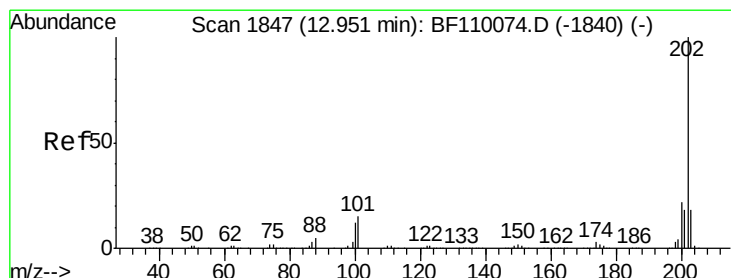
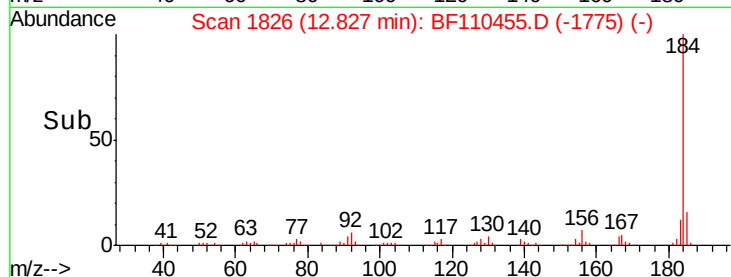
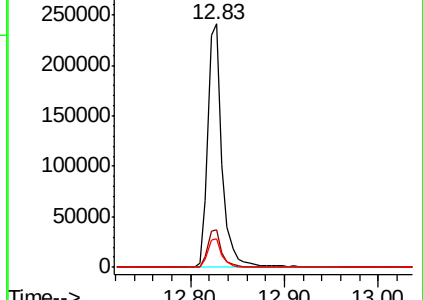
183 11.7 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.052 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

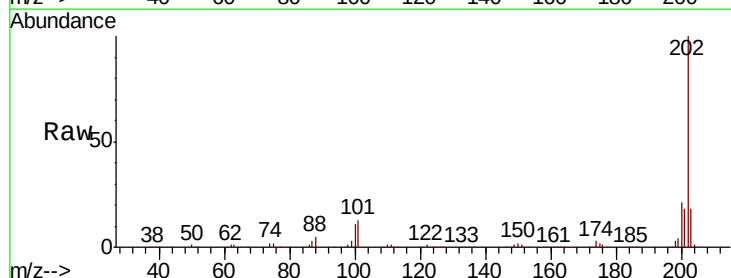
Tgt Ion:202 Resp: 703211

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

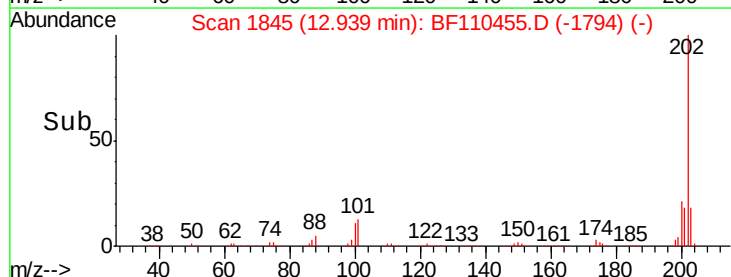
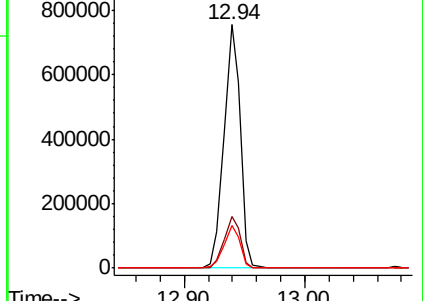
203 17.8 14.2 21.4

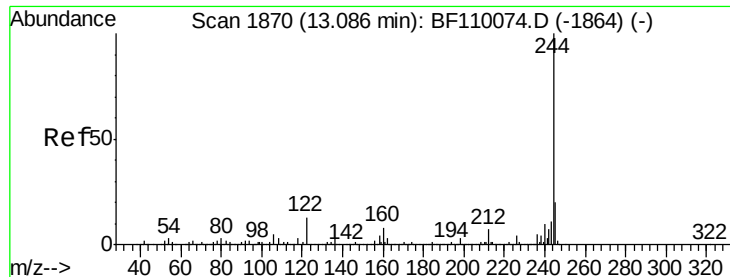


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.525 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

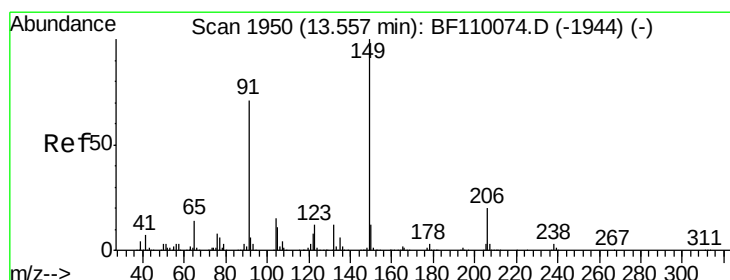
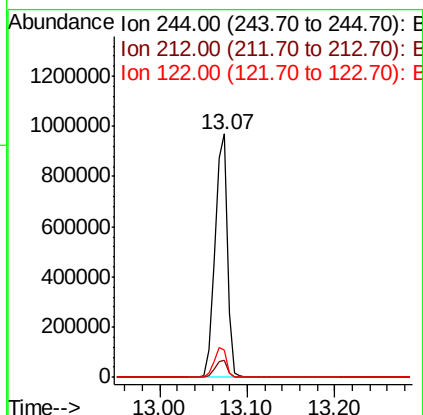
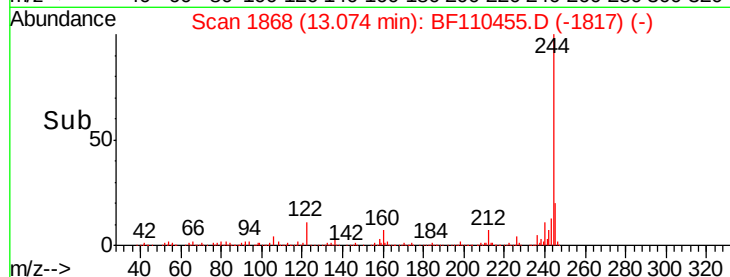
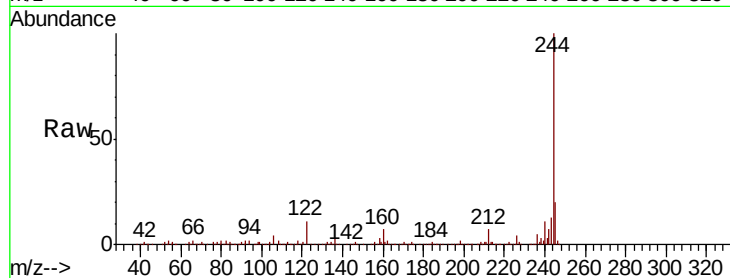
Tot Ion:244 Resp: 958850

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 11.1 8.7 13.1



#80

Butylbenzylphthalate

Concen: 42.870 ng

RT: 13.54 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

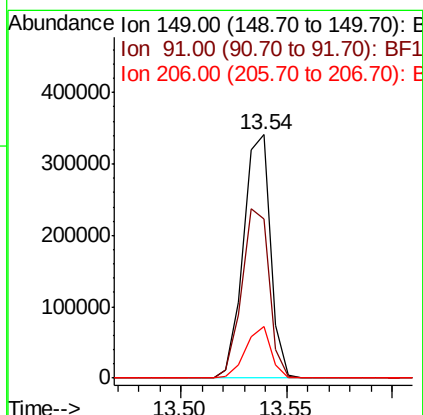
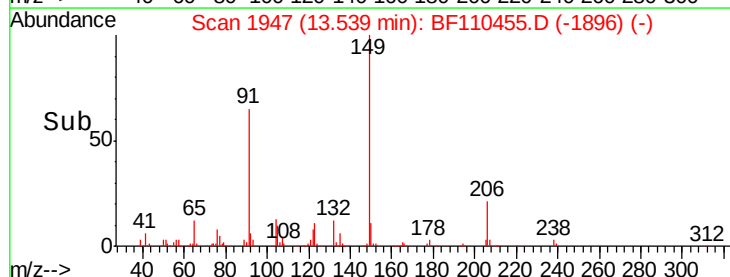
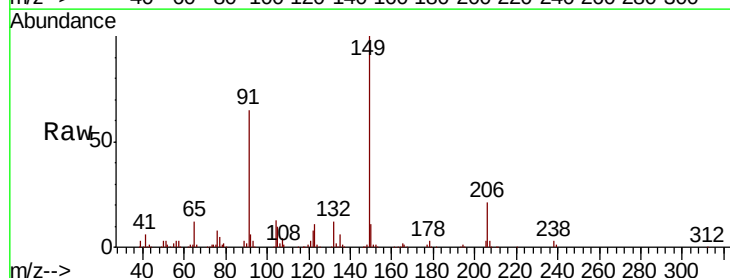
Tgt Ion:149 Resp: 303930

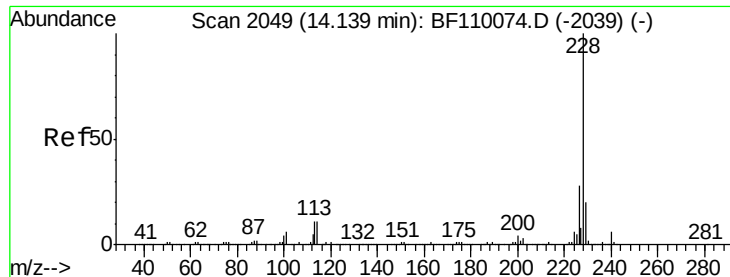
Ion Ratio Lower Upper

149 100

91 65.2 57.2 85.8

206 21.2 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.432 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

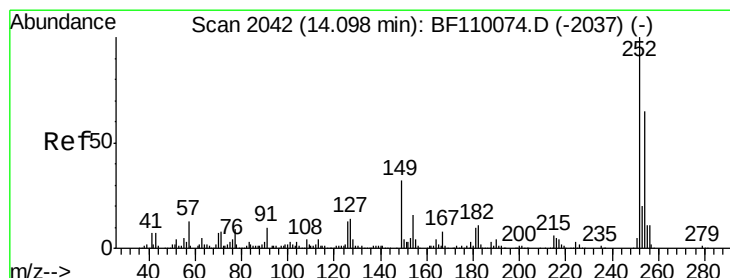
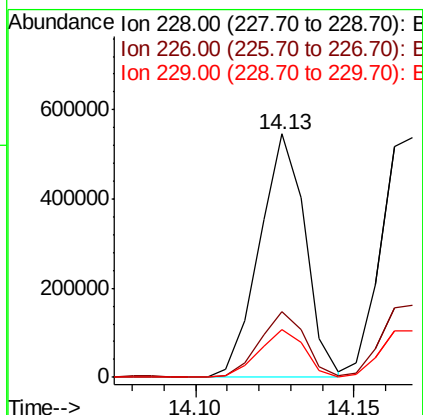
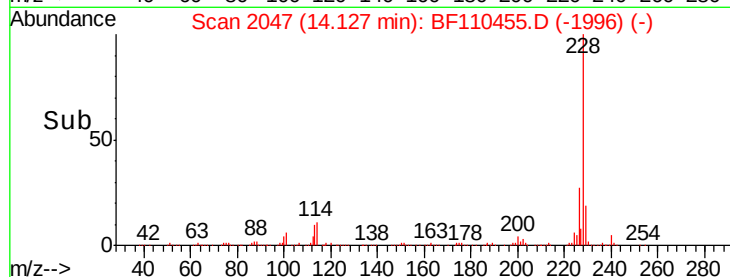
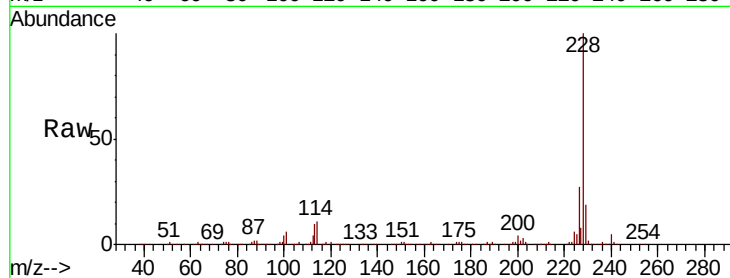
Tot Ion:228 Resp: 546284

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.084 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

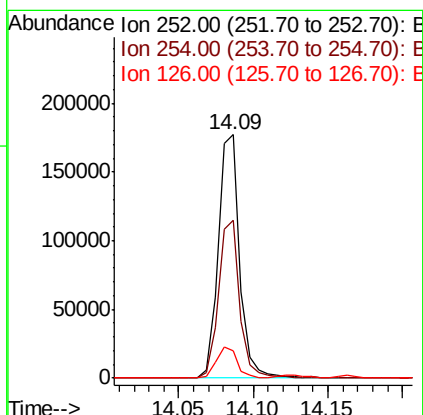
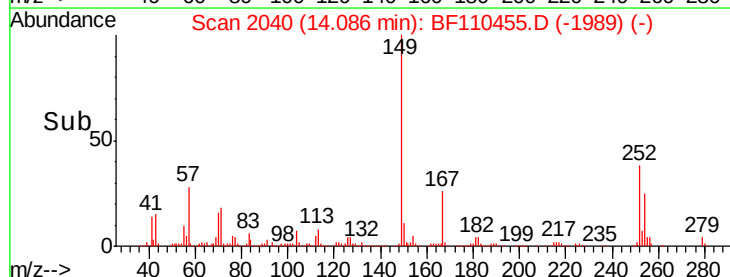
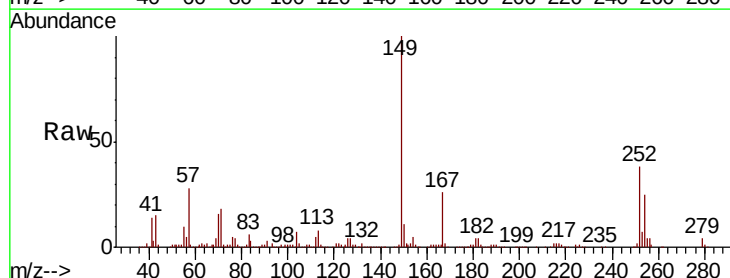
Tgt Ion:252 Resp: 179180

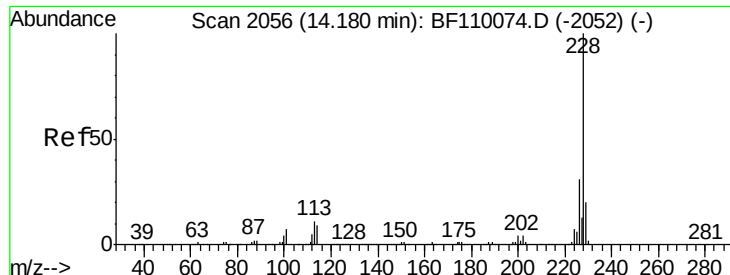
Ion Ratio Lower Upper

252 100

254 64.8 51.3 76.9

126 11.0 9.4 14.2





#83

Chrysene

Concen: 40.265 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

Instrument :

BNA_F

ClientSampleId :

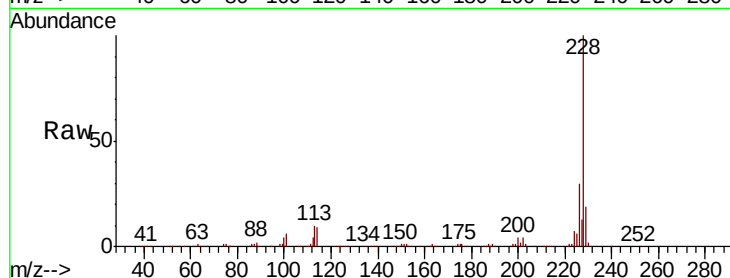
Tot Ion:228 Resp: 516717

Ion Ratio Lower Upper

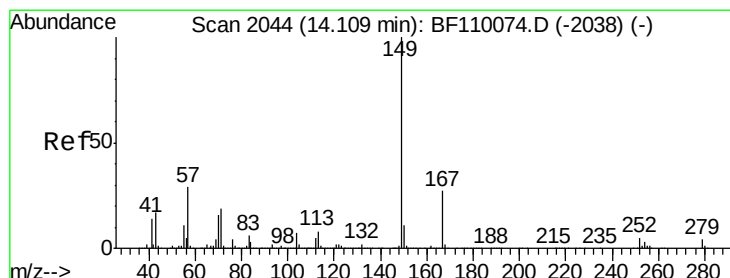
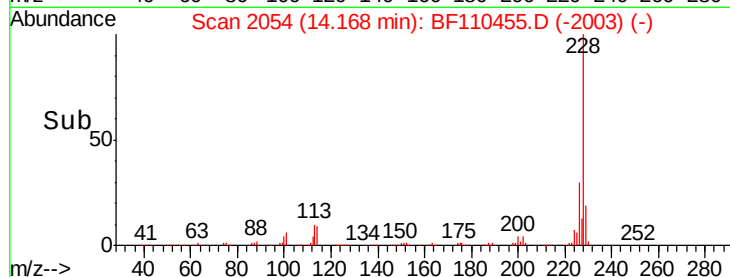
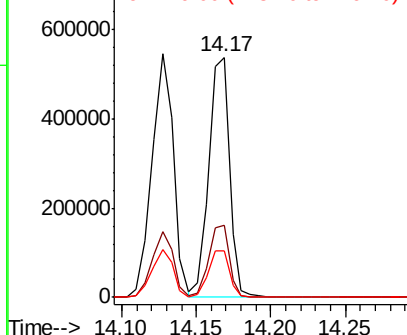
228 100

226 30.2 24.7 37.1

229 19.2 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: 40.261 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110455.D

Acq: 5 Nov 2018 10:44

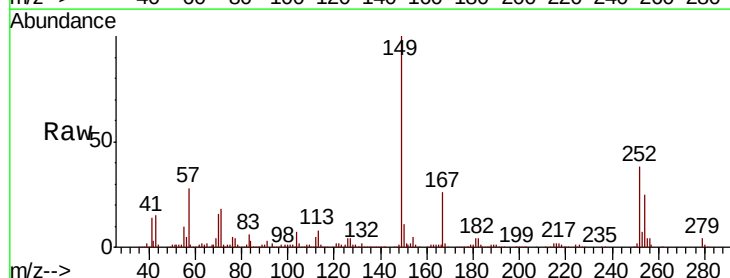
Tgt Ion:149 Resp: 385849

Ion Ratio Lower Upper

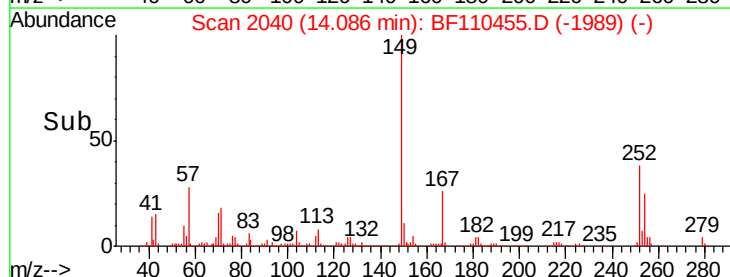
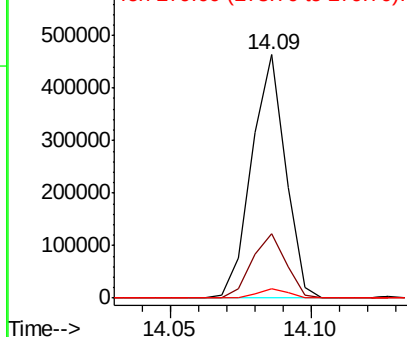
149 100

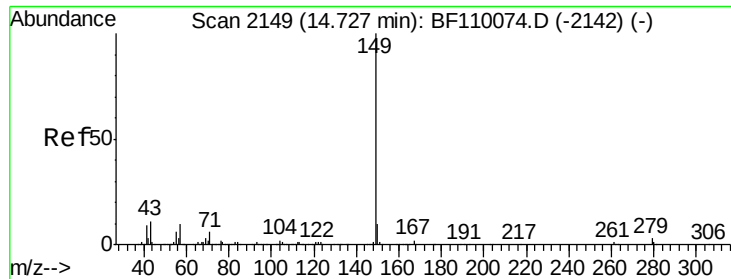
167 26.4 19.8 29.8

279 3.8 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

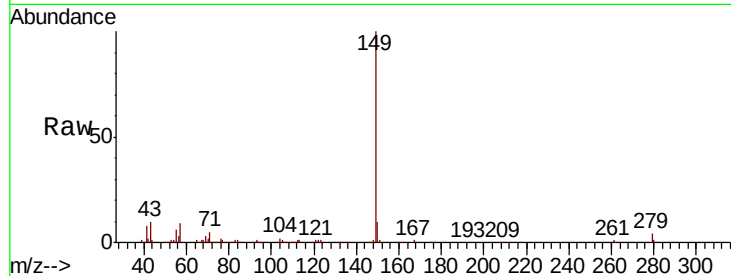




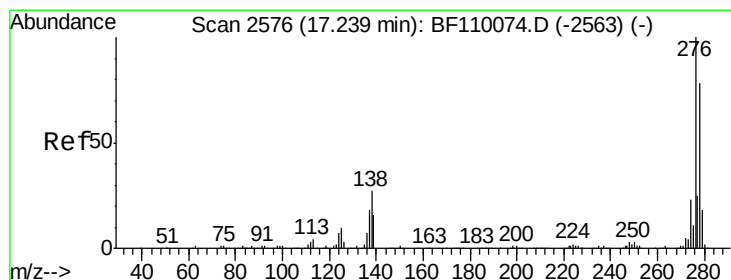
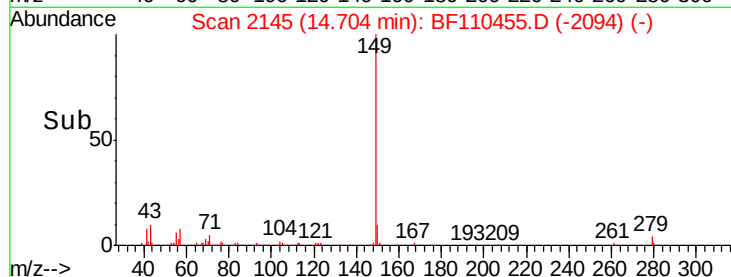
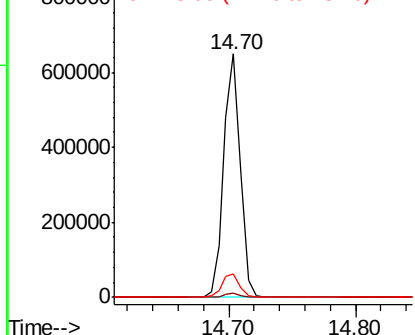
#85
Di-n-octyl phthalate
Concen: 39.519 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.3	7.8	11.8

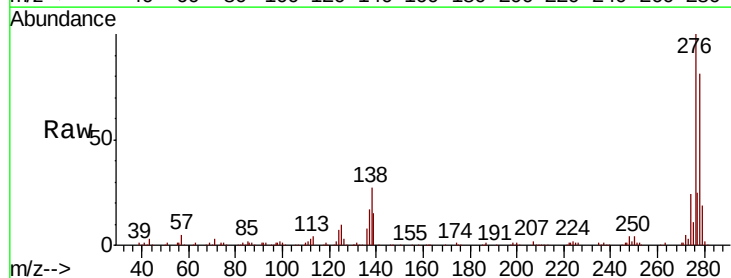


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

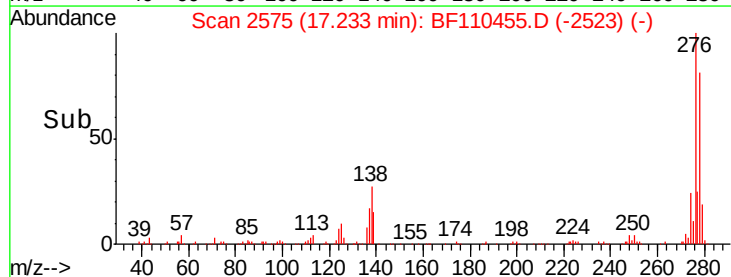
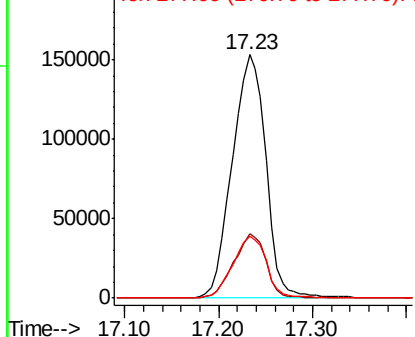


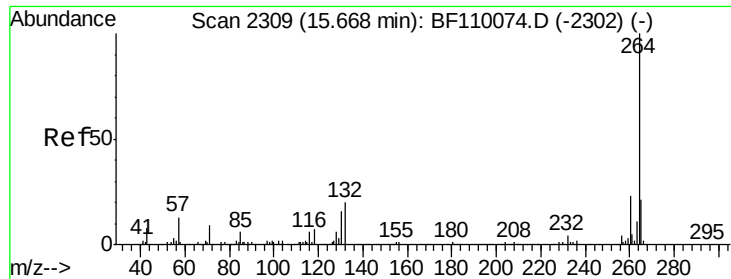
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.669 ng
RT: 17.23 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.5	27.7
277	25.4	20.0	30.0



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

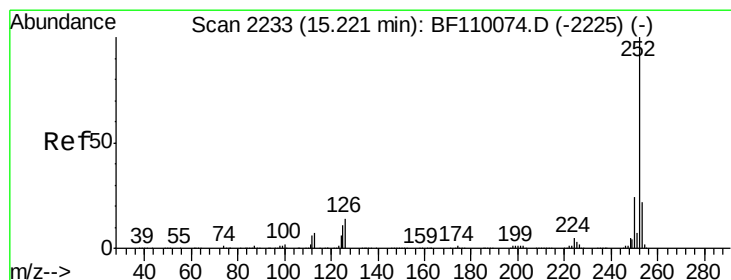
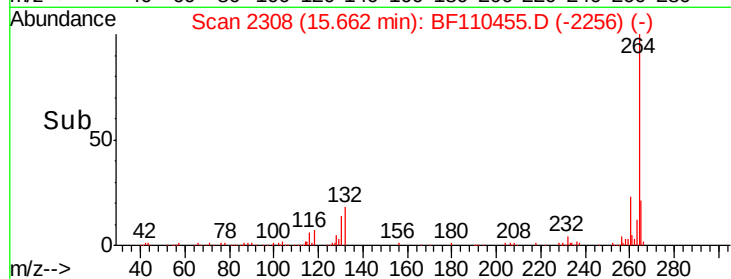
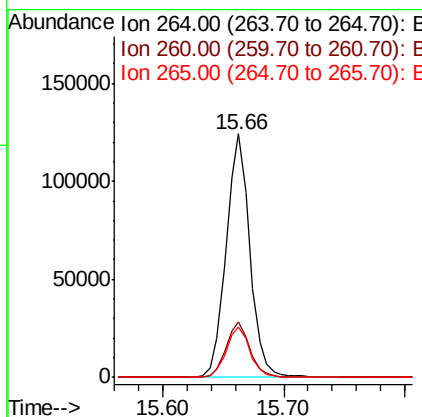
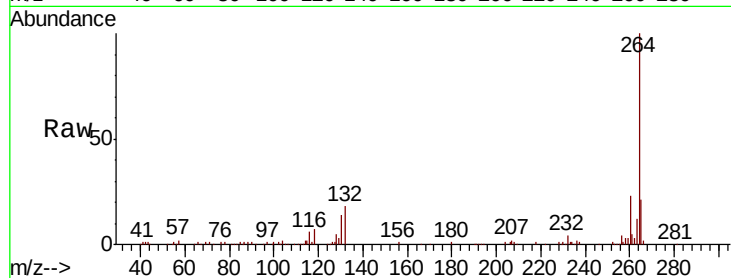




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

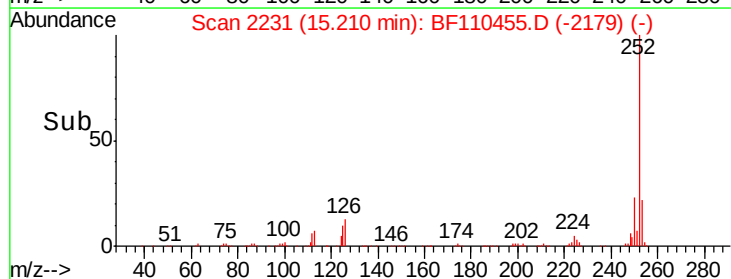
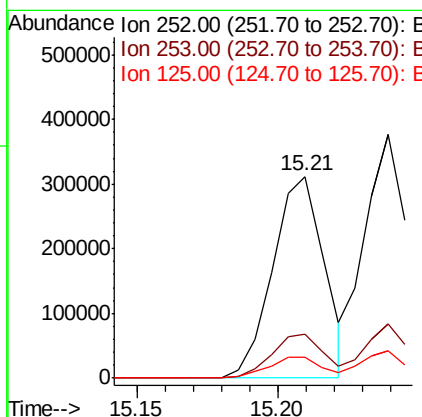
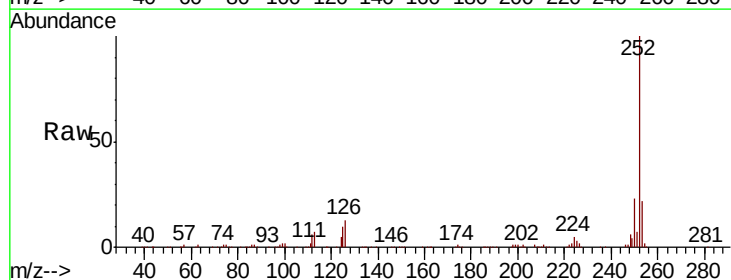
Instrument :
BNA_F
ClientSampleId :

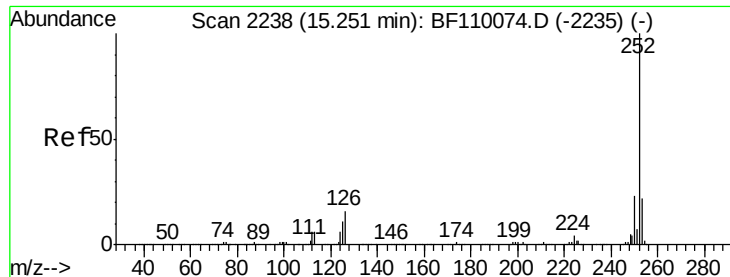
Tot Ion:264 Resp: 168915
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 20.7 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 40.546 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:252 Resp: 395491
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.2 8.2 12.4

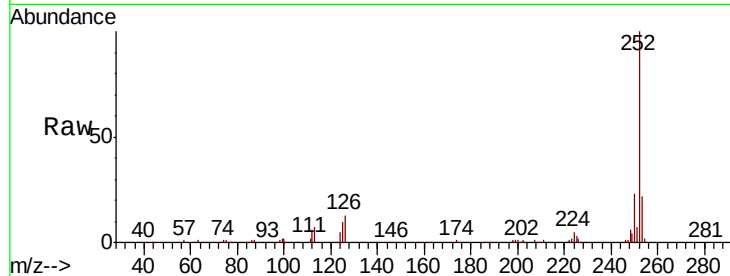




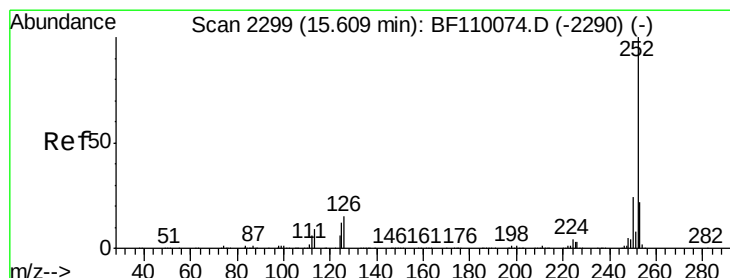
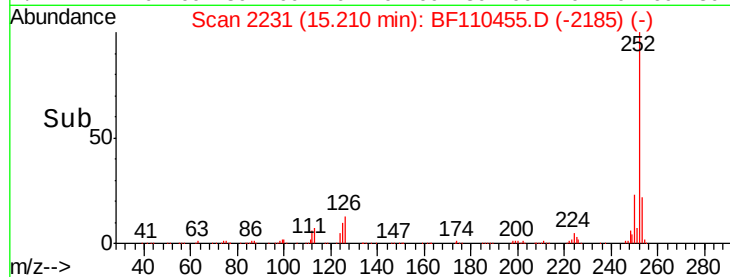
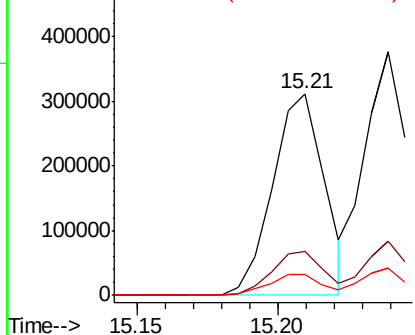
#89
Benzo(k)fluoranthene
Concen: 41.243 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 395491
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.2 7.4 11.0

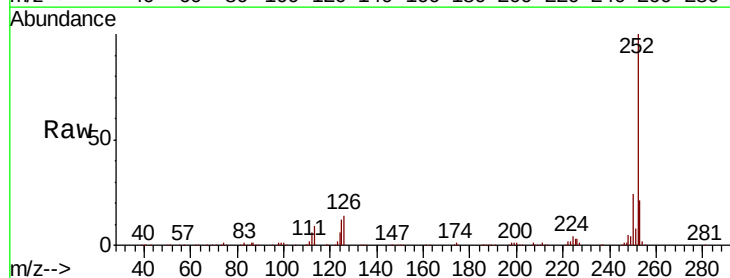


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

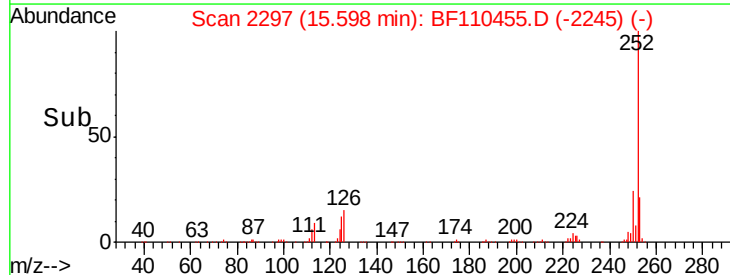
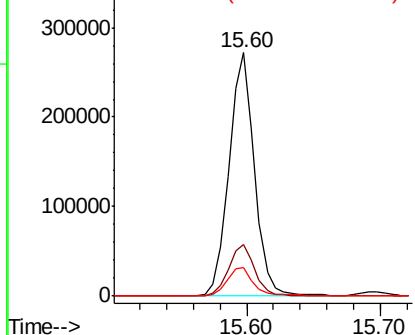


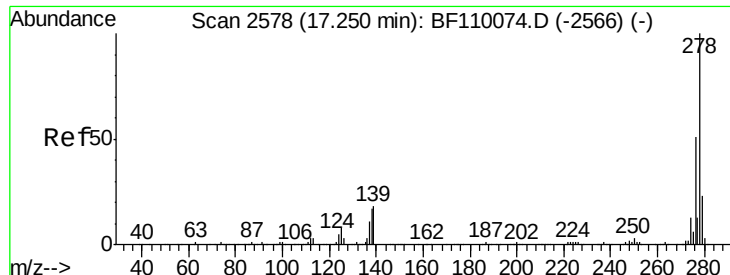
#90
Benzo(a)pyrene
Concen: 40.479 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:252 Resp: 363322
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.9 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



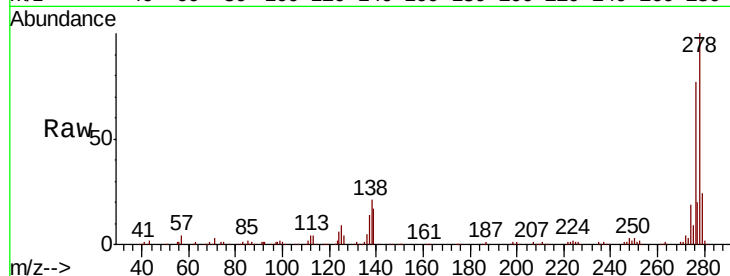


#91
Dibenzo(a,h)anthracene
Concen: 40.932 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

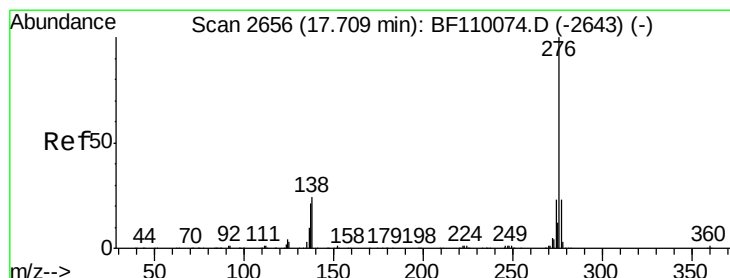
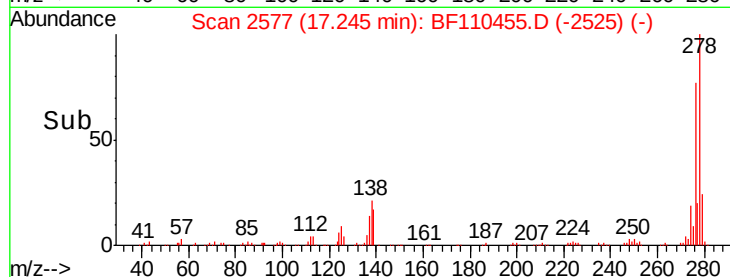
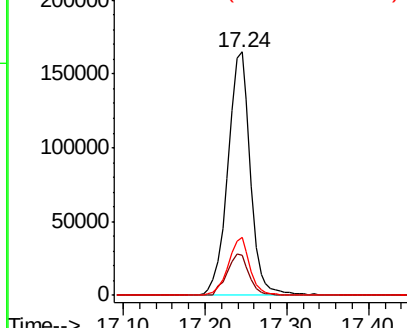
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 316995

Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.7	19.1
279	23.7	19.0	28.4



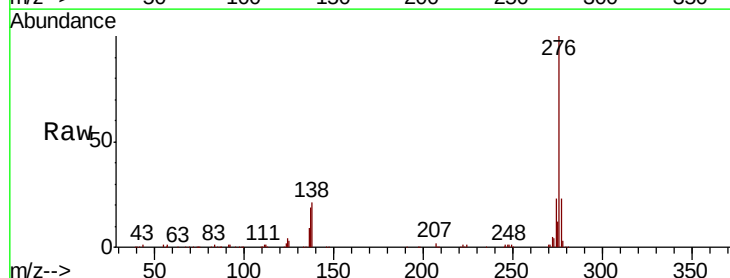
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.141 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110455.D
Acq: 5 Nov 2018 10:44

Tgt Ion:276 Resp: 313966

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	21.2	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

